

## Cover Page

**Order ID :** Q1690

**Project ID :** TGP

**Client :** G Environmental

**Lab Sample Number**

Q1690-01

**Client Sample Number**

MW112010

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : \_\_\_\_\_

Date: 4/6/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

## DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Value | If the result is a value greater than or equal to the detection limit, report the value                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| U     | Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.                                                                                                                                                                                                                                 |
| ND    | Indicates the analyte was analyzed for, but not detected                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| J     | Indicates an estimated value. This flag is used:<br>(1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.)<br>(2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others. |
| B     | Indicates the analyte was found in the blank as well as the sample report as “12 B”.                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| E     | Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.                                                                                                                                                                                                                                                                                                                                                                                                                         |
| D     | This flag identifies all compounds identified in an analysis at a secondary dilution factor.                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| P     | This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.                                                                                                                                                                                                                                                                                                                        |
| N     | This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.                                                                                                                                                                                                                  |
| A     | This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Q     | Indicates the LCS did not meet the control limits requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

## APPENDIX A

### QA REVIEW GENERAL DOCUMENTATION

Project #: Q1690

Completed

For thorough review, the report must have the following:

#### GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

#### COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

#### CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

#### ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: KETAN PATEL

Date: 04/06/2025

## LAB CHRONICLE

|                                |                                        |
|--------------------------------|----------------------------------------|
| <b>OrderID:</b> Q1690          | <b>OrderDate:</b> 4/1/2025 12:32:10 PM |
| <b>Client:</b> G Environmental | <b>Project:</b> TGP                    |
| <b>Contact:</b> Gary Landis    | <b>Location:</b> I31,VOA Ref. #3 Water |

| LabID    | ClientID | Matrix | Test             | Method        | Sample Date | Prep Date | Anal Date | Received |
|----------|----------|--------|------------------|---------------|-------------|-----------|-----------|----------|
| Q1690-01 | MW112010 | Water  |                  |               | 03/31/25    |           |           | 04/01/25 |
|          |          |        | SVOC-SIMGroup1   | 8270-Modified |             | 04/02/25  | 04/03/25  |          |
|          |          |        | SVOC-TCL BNA -20 | 8270E         |             | 04/03/25  | 04/03/25  |          |



### Hit Summary Sheet SW-846

**SDG No.:** Q1690  
**Client:** G Environmental

| Sample ID                   | Client ID | Parameter                                | Concentration | C  | MDL | RDL | Units |
|-----------------------------|-----------|------------------------------------------|---------------|----|-----|-----|-------|
| <b>Client ID : MW112010</b> |           |                                          |               |    |     |     |       |
| Q1690-01                    | MW112010  | WATER 1-Docosene *                       | 10.600        | J  | 0   | 0   | ug/L  |
| Q1690-01                    | MW112010  | WATER 1-Propanol, 3,3-oxybis- *          | 2.600         | J  | 0   | 0   | ug/L  |
| Q1690-01                    | MW112010  | WATER 2,5,8,11,14,17-Hexaoxononadecar *  | 2.700         | J  | 0   | 0   | ug/L  |
| Q1690-01                    | MW112010  | WATER 2,5,8,11-Tetraoxadodecane *        | 10.000        | J  | 0   | 0   | ug/L  |
| Q1690-01                    | MW112010  | WATER 2-Pentanone, 4-hydroxy-4-methyl *  | 230.000       | AB | 0   | 0   | ug/L  |
| Q1690-01                    | MW112010  | WATER 2-Pentanone, 4-methoxy-4-methyl *  | 4.000         | JB | 0   | 0   | ug/L  |
| Q1690-01                    | MW112010  | WATER 2-Propanol, 1-(2-butoxy-1-methyl * | 2.200         | J  | 0   | 0   | ug/L  |
| Q1690-01                    | MW112010  | WATER Benzophenone *                     | 7.300         | J  | 0   | 0   | ug/L  |
| Q1690-01                    | MW112010  | WATER Decaethylene glycol, monomethyl *  | 2.600         | J  | 0   | 0   | ug/L  |
| Q1690-01                    | MW112010  | WATER Ethane, 1,1-oxybis[2-methoxy- *    | 6.400         | J  | 0   | 0   | ug/L  |
| Q1690-01                    | MW112010  | WATER Ethanol, 2-[2-(2-methoxyethoxy)e * | 3.100         | J  | 0   | 0   | ug/L  |
| Q1690-01                    | MW112010  | WATER Hexaethylene glycol dimethyl eth * | 3.200         | J  | 0   | 0   | ug/L  |
| Q1690-01                    | MW112010  | WATER Methyl 13-methyltetradecanoate *   | 2.200         | J  | 0   | 0   | ug/L  |
| Q1690-01                    | MW112010  | WATER Methyl 2,5,8,11,14,17-hexaoxonon * | 2.200         | J  | 0   | 0   | ug/L  |
| Q1690-01                    | MW112010  | WATER Tetraglyme *                       | 7.800         | J  | 0   | 0   | ug/L  |
| Q1690-01                    | MW112010  | WATER Tri(1,2-propyleneglycol), monom *  | 3.000         | J  | 0   | 0   | ug/L  |
| Q1690-01                    | MW112010  | WATER Tridecanoic acid, methyl ester *   | 5.300         | J  | 0   | 0   | ug/L  |
| <b>Total Tics :</b>         |           |                                          | <b>305.20</b> |    |     |     |       |
| <b>Total Concentration:</b> |           |                                          | <b>305.20</b> |    |     |     |       |



# QC SUMMARY

## Surrogate Summary

SW-846

SDG No.: **Q1690**

Client: **G Environmental**

Analytical Method: **8270E**

| Lab Sample ID | Client ID   | Parameter            | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) |           |
|---------------|-------------|----------------------|-------------|--------------|--------------|------|------------|-----------|
|               |             |                      |             |              |              |      | Low        | High      |
| PB167451BL    | PB167451BL  | 2-Fluorophenol       | 150         | 140          | 93           |      | 15 (10)    | 110 (139) |
|               |             | Phenol-d6            | 150         | 140          | 93           |      | 15 (10)    | 110 (134) |
|               |             | Nitrobenzene-d5      | 100         | 103          | 103          |      | 30 (49)    | 130 (133) |
|               |             | 2-Fluorobiphenyl     | 100         | 86.2         | 86           |      | 30 (52)    | 130 (132) |
|               |             | 2,4,6-Tribromophenol | 150         | 168          | 112          | *    | 15 (44)    | 110 (137) |
|               |             | Terphenyl-d14        | 100         | 94.2         | 94           |      | 30 (48)    | 130 (125) |
| PB167451BS    | PB167451BS  | 2-Fluorophenol       | 150         | 154          | 103          |      | 15 (10)    | 110 (139) |
|               |             | Phenol-d6            | 150         | 153          | 102          |      | 15 (10)    | 110 (134) |
|               |             | Nitrobenzene-d5      | 100         | 110          | 110          |      | 30 (49)    | 130 (133) |
|               |             | 2-Fluorobiphenyl     | 100         | 95.7         | 96           |      | 30 (52)    | 130 (132) |
|               |             | 2,4,6-Tribromophenol | 150         | 187          | 125          | *    | 15 (44)    | 110 (137) |
|               |             | Terphenyl-d14        | 100         | 103          | 103          |      | 30 (48)    | 130 (125) |
| PB167451BSD   | PB167451BSD | 2-Fluorophenol       | 150         | 151          | 101          |      | 15 (10)    | 110 (139) |
|               |             | Phenol-d6            | 150         | 148          | 98           |      | 15 (10)    | 110 (134) |
|               |             | Nitrobenzene-d5      | 100         | 106          | 106          |      | 30 (49)    | 130 (133) |
|               |             | 2-Fluorobiphenyl     | 100         | 92.6         | 93           |      | 30 (52)    | 130 (132) |
|               |             | 2,4,6-Tribromophenol | 150         | 186          | 124          | *    | 15 (44)    | 110 (137) |
|               |             | Terphenyl-d14        | 100         | 100          | 100          |      | 30 (48)    | 130 (125) |
| Q1690-01      | MW112010    | 2-Fluorophenol       | 150         | 0.035        | 0            | *    | 15 (10)    | 110 (139) |
|               |             | Phenol-d6            | 150         | 0.026        | 0            | *    | 15 (10)    | 110 (134) |
|               |             | Nitrobenzene-d5      | 100         | 84.2         | 84           |      | 30 (49)    | 130 (133) |
|               |             | 2-Fluorobiphenyl     | 100         | 76.7         | 77           |      | 30 (52)    | 130 (132) |
|               |             | 2,4,6-Tribromophenol | 150         | 0.055        | 0            | *    | 15 (44)    | 110 (137) |
|               |             | Terphenyl-d14        | 100         | 87.4         | 87           |      | 30 (48)    | 130 (125) |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1690

Client: G Environmental

Analytical Method: 8270E

DataFile: BG064175.D

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD | Qual | RPD  |         | Limits    |     |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|------|---------|-----------|-----|
|               |                             |       |        |      |     |     |      | Qual | Low     | High      | RPD |
| PB167451BS    | Benzaldehyde                | 50    | 42.3   | ug/L | 85  |     |      |      | 20 (10) | 160 (162) |     |
|               | Phenol                      | 50    | 53.4   | ug/L | 107 |     |      |      | 20 (66) | 160 (118) |     |
|               | bis(2-Chloroethyl)ether     | 50    | 46.6   | ug/L | 93  |     |      |      | 70 (62) | 130 (103) |     |
|               | 2-Chlorophenol              | 50    | 54.5   | ug/L | 109 |     |      |      | 70 (70) | 130 (117) |     |
|               | 2-Methylphenol              | 50    | 56.5   | ug/L | 113 |     |      |      | 70 (69) | 130 (109) |     |
|               | 2,2-oxybis(1-Chloropropane) | 50    | 48.1   | ug/L | 96  |     |      |      | 70 (65) | 130 (100) |     |
|               | Acetophenone                | 50    | 48.0   | ug/L | 96  |     |      |      | 70 (60) | 130 (104) |     |
|               | 3+4-Methylphenols           | 50    | 57.8   | ug/L | 116 |     |      |      | 20 (67) | 160 (106) |     |
|               | N-Nitroso-di-n-propylamine  | 50    | 50.4   | ug/L | 101 |     |      |      | 70 (57) | 130 (107) |     |
|               | Hexachloroethane            | 50    | 53.1   | ug/L | 106 |     |      |      | 20 (76) | 160 (118) |     |
|               | Nitrobenzene                | 50    | 53.7   | ug/L | 107 |     |      |      | 70 (58) | 130 (106) |     |
|               | Isophorone                  | 50    | 52.8   | ug/L | 106 |     |      |      | 70 (61) | 130 (102) |     |
|               | 2-Nitrophenol               | 50    | 63.6   | ug/L | 127 |     |      |      | 70 (70) | 130 (115) |     |
|               | 2,4-Dimethylphenol          | 50    | 82.5   | ug/L | 165 |     | *    |      | 70 (42) | 130 (142) |     |
|               | bis(2-Chloroethoxy)methane  | 50    | 49.6   | ug/L | 99  |     |      |      | 70 (58) | 130 (109) |     |
|               | 2,4-Dichlorophenol          | 50    | 60.4   | ug/L | 121 |     |      |      | 70 (66) | 130 (115) |     |
|               | Naphthalene                 | 50    | 48.7   | ug/L | 97  |     |      |      | 70 (64) | 130 (107) |     |
|               | 4-Chloroaniline             | 50    | 12.3   | ug/L | 25  |     | *    |      | 70 (10) | 130 (85)  |     |
|               | Hexachlorobutadiene         | 50    | 52.4   | ug/L | 105 |     |      |      | 70 (69) | 130 (101) |     |
|               | Caprolactam                 | 50    | 57.6   | ug/L | 115 |     |      |      | 20 (58) | 160 (128) |     |
|               | 4-Chloro-3-methylphenol     | 50    | 61.8   | ug/L | 124 |     |      |      | 70 (65) | 130 (114) |     |
|               | 2-Methylnaphthalene         | 50    | 46.9   | ug/L | 94  |     |      |      | 70 (64) | 130 (107) |     |
|               | Hexachlorocyclopentadiene   | 100   | 250    | ug/L | 250 |     | *    |      | 20 (36) | 160 (160) |     |
|               | 2,4,6-Trichlorophenol       | 50    | 57.4   | ug/L | 115 |     |      |      | 70 (61) | 130 (110) |     |
|               | 2,4,5-Trichlorophenol       | 50    | 58.4   | ug/L | 117 |     |      |      | 70 (70) | 130 (106) |     |
|               | 1,1-Biphenyl                | 50    | 48.6   | ug/L | 97  |     |      |      | 70 (72) | 130 (98)  |     |
|               | 2-Chloronaphthalene         | 50    | 48.7   | ug/L | 97  |     |      |      | 70 (59) | 130 (106) |     |
|               | 2-Nitroaniline              | 50    | 56.7   | ug/L | 113 |     |      |      | 70 (73) | 130 (114) |     |
|               | Dimethylphthalate           | 50    | 51.0   | ug/L | 102 |     |      |      | 70 (64) | 130 (103) |     |
|               | Acenaphthylene              | 50    | 53.6   | ug/L | 107 |     |      |      | 70 (79) | 130 (103) |     |
|               | 2,6-Dinitrotoluene          | 50    | 55.1   | ug/L | 110 |     |      |      | 70 (64) | 130 (110) |     |
|               | 3-Nitroaniline              | 50    | 21.9   | ug/L | 44  |     | *    |      | 70 (28) | 130 (100) |     |
|               | Acenaphthene                | 50    | 48.8   | ug/L | 98  |     |      |      | 70 (59) | 130 (113) |     |
|               | 2,4-Dinitrophenol           | 100   | 160    | ug/L | 160 |     |      |      | 20 (36) | 160 (166) |     |
|               | 4-Nitrophenol               | 100   | 130    | ug/L | 130 |     |      |      | 20 (45) | 160 (147) |     |
|               | Dibenzofuran                | 50    | 48.7   | ug/L | 97  |     |      |      | 70 (65) | 130 (106) |     |
|               | 2,4-Dinitrotoluene          | 50    | 59.6   | ug/L | 119 |     |      |      | 70 (60) | 130 (115) |     |
|               | Diethylphthalate            | 50    | 52.2   | ug/L | 104 |     |      |      | 70 (63) | 130 (105) |     |
|               | 4-Chlorophenyl-phenylether  | 50    | 50.9   | ug/L | 102 |     |      |      | 70 (61) | 130 (104) |     |
|               | Fluorene                    | 50    | 51.1   | ug/L | 102 |     |      |      | 70 (64) | 130 (107) |     |
|               | 4-Nitroaniline              | 50    | 55.7   | ug/L | 111 |     |      |      | 70 (55) | 130 (125) |     |
|               | 4,6-Dinitro-2-methylphenol  | 50    | 68.5   | ug/L | 137 |     | *    |      | 70 (62) | 130 (132) |     |
|               | N-Nitrosodiphenylamine      | 50    | 51.5   | ug/L | 103 |     |      |      | 70 (61) | 130 (109) |     |
|               | 4-Bromophenyl-phenylether   | 50    | 52.3   | ug/L | 105 |     |      |      | 70 (73) | 130 (103) |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1690

Client: G Environmental

Analytical Method: 8270E

DataFile: BG064175.D

| Lab Sample ID | Parameter                  | Spike | Result | Unit | Rec | RPD | RPD  |      | Limits  |           | RPD |
|---------------|----------------------------|-------|--------|------|-----|-----|------|------|---------|-----------|-----|
|               |                            |       |        |      |     |     | Qual | Qual | Low     | High      |     |
| PB167451BS    | Hexachlorobenzene          | 50    | 51.0   | ug/L | 102 |     |      |      | 70 (73) | 130 (106) |     |
|               | Atrazine                   | 50    | 71.5   | ug/L | 143 |     | *    |      | 70 (76) | 130 (120) |     |
|               | Pentachlorophenol          | 100   | 110    | ug/L | 110 |     |      |      | 20 (47) | 160 (114) |     |
|               | Phenanthrene               | 50    | 50.5   | ug/L | 101 |     |      |      | 70 (62) | 130 (109) |     |
|               | Anthracene                 | 50    | 51.9   | ug/L | 104 |     |      |      | 70 (65) | 130 (110) |     |
|               | Carbazole                  | 50    | 50.5   | ug/L | 101 |     |      |      | 70 (62) | 130 (106) |     |
|               | Di-n-butylphthalate        | 50    | 53.0   | ug/L | 106 |     |      |      | 70 (64) | 130 (106) |     |
|               | Fluoranthene               | 50    | 49.0   | ug/L | 98  |     |      |      | 70 (64) | 130 (110) |     |
|               | Pyrene                     | 50    | 51.4   | ug/L | 103 |     |      |      | 70 (71) | 130 (103) |     |
|               | Butylbenzylphthalate       | 50    | 57.7   | ug/L | 115 |     |      |      | 70 (61) | 130 (105) |     |
|               | 3,3-Dichlorobenzidine      | 50    | 27.1   | ug/L | 54  |     | *    |      | 70 (43) | 130 (108) |     |
|               | Benzo(a)anthracene         | 50    | 52.5   | ug/L | 105 |     |      |      | 70 (62) | 130 (107) |     |
|               | Chrysene                   | 50    | 49.6   | ug/L | 99  |     |      |      | 70 (61) | 130 (108) |     |
|               | bis(2-Ethylhexyl)phthalate | 50    | 60.4   | ug/L | 121 |     |      |      | 70 (59) | 130 (110) |     |
|               | Di-n-octyl phthalate       | 50    | 59.7   | ug/L | 119 |     |      |      | 70 (52) | 130 (139) |     |
|               | Benzo(b)fluoranthene       | 50    | 50.5   | ug/L | 101 |     |      |      | 70 (77) | 130 (113) |     |
|               | Benzo(k)fluoranthene       | 50    | 50.2   | ug/L | 100 |     |      |      | 70 (77) | 130 (105) |     |
|               | Benzo(a)pyrene             | 50    | 55.0   | ug/L | 110 |     |      |      | 70 (72) | 130 (131) |     |
|               | Indeno(1,2,3-cd)pyrene     | 50    | 54.7   | ug/L | 109 |     |      |      | 70 (72) | 130 (105) |     |
|               | Dibenz(a,h)anthracene      | 50    | 53.9   | ug/L | 108 |     |      |      | 70 (78) | 130 (115) |     |
|               | Benzo(g,h,i)perylene       | 50    | 50.6   | ug/L | 101 |     |      |      | 70 (75) | 130 (118) |     |
|               | 1,2,4,5-Tetrachlorobenzene | 50    | 47.7   | ug/L | 95  |     |      |      | 70 (72) | 130 (101) |     |
|               | 1,4-Dioxane                | 50    | 28.4   | ug/L | 57  |     |      |      | 20 (38) | 160 (125) |     |
|               | 2,3,4,6-Tetrachlorophenol  | 50    | 60.2   | ug/L | 120 |     |      |      | 70 (63) | 130 (116) |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1690

Client: G Environmental

Analytical Method: 8270E

DataFile: BG064176.D

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD | RPD  |      | Limits  |           |         |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|------|---------|-----------|---------|
|               |                             |       |        |      |     |     | Qual | Qual | Low     | High      | RPD     |
| PB167451BSD   | Benzaldehyde                | 50    | 40.3   | ug/L | 81  | 5   |      |      | 20 (10) | 160 (162) | 20 (20) |
|               | Phenol                      | 50    | 52.9   | ug/L | 106 | 1   |      |      | 20 (66) | 160 (118) | 20 (20) |
|               | bis(2-Chloroethyl)ether     | 50    | 44.8   | ug/L | 90  | 4   |      |      | 70 (62) | 130 (103) | 20 (20) |
|               | 2-Chlorophenol              | 50    | 54.5   | ug/L | 109 | 0   |      |      | 70 (70) | 130 (117) | 20 (20) |
|               | 2-Methylphenol              | 50    | 56.9   | ug/L | 114 | 1   |      |      | 70 (69) | 130 (109) | 20 (20) |
|               | 2,2-oxybis(1-Chloropropane) | 50    | 47.8   | ug/L | 96  | 1   |      |      | 70 (65) | 130 (100) | 20 (20) |
|               | Acetophenone                | 50    | 45.8   | ug/L | 92  | 5   |      |      | 70 (60) | 130 (104) | 20 (20) |
|               | 3+4-Methylphenols           | 50    | 56.8   | ug/L | 114 | 2   |      |      | 20 (67) | 160 (106) | 20 (20) |
|               | N-Nitroso-di-n-propylamine  | 50    | 50.1   | ug/L | 100 | 1   |      |      | 70 (57) | 130 (107) | 20 (20) |
|               | Hexachloroethane            | 50    | 53.7   | ug/L | 107 | 1   |      |      | 20 (76) | 160 (118) | 20 (20) |
|               | Nitrobenzene                | 50    | 52.6   | ug/L | 105 | 2   |      |      | 70 (58) | 130 (106) | 20 (20) |
|               | Isophorone                  | 50    | 49.5   | ug/L | 99  | 6   |      |      | 70 (61) | 130 (102) | 20 (20) |
|               | 2-Nitrophenol               | 50    | 61.9   | ug/L | 124 | 3   |      |      | 70 (70) | 130 (115) | 20 (20) |
|               | 2,4-Dimethylphenol          | 50    | 76.6   | ug/L | 153 | 7   | *    |      | 70 (42) | 130 (142) | 20 (20) |
|               | bis(2-Chloroethoxy)methane  | 50    | 47.7   | ug/L | 95  | 4   |      |      | 70 (58) | 130 (109) | 20 (20) |
|               | 2,4-Dichlorophenol          | 50    | 58.2   | ug/L | 116 | 4   |      |      | 70 (66) | 130 (115) | 20 (20) |
|               | Naphthalene                 | 50    | 47.1   | ug/L | 94  | 3   |      |      | 70 (64) | 130 (107) | 20 (20) |
|               | 4-Chloroaniline             | 50    | 11.4   | ug/L | 23  | 8   | *    |      | 70 (10) | 130 (85)  | 20 (20) |
|               | Hexachlorobutadiene         | 50    | 50.5   | ug/L | 101 | 4   |      |      | 70 (69) | 130 (101) | 20 (20) |
|               | Caprolactam                 | 50    | 58.1   | ug/L | 116 | 1   |      |      | 20 (58) | 160 (128) | 20 (20) |
|               | 4-Chloro-3-methylphenol     | 50    | 58.0   | ug/L | 116 | 6   |      |      | 70 (65) | 130 (114) | 20 (20) |
|               | 2-Methylnaphthalene         | 50    | 45.7   | ug/L | 91  | 3   |      |      | 70 (64) | 130 (107) | 20 (20) |
|               | Hexachlorocyclopentadiene   | 100   | 250    | ug/L | 250 | 0   | *    |      | 20 (36) | 160 (160) | 20 (20) |
|               | 2,4,6-Trichlorophenol       | 50    | 56.9   | ug/L | 114 | 1   |      |      | 70 (61) | 130 (110) | 20 (20) |
|               | 2,4,5-Trichlorophenol       | 50    | 57.3   | ug/L | 115 | 2   |      |      | 70 (70) | 130 (106) | 20 (20) |
|               | 1,1-Biphenyl                | 50    | 47.5   | ug/L | 95  | 2   |      |      | 70 (72) | 130 (98)  | 20 (20) |
|               | 2-Chloronaphthalene         | 50    | 49.0   | ug/L | 98  | 1   |      |      | 70 (59) | 130 (106) | 20 (20) |
|               | 2-Nitroaniline              | 50    | 56.2   | ug/L | 112 | 1   |      |      | 70 (73) | 130 (114) | 20 (20) |
|               | Dimethylphthalate           | 50    | 50.7   | ug/L | 101 | 1   |      |      | 70 (64) | 130 (103) | 20 (20) |
|               | Acenaphthylene              | 50    | 53.7   | ug/L | 107 | 0   |      |      | 70 (79) | 130 (103) | 20 (20) |
|               | 2,6-Dinitrotoluene          | 50    | 53.6   | ug/L | 107 | 3   |      |      | 70 (64) | 130 (110) | 20 (20) |
|               | 3-Nitroaniline              | 50    | 21.8   | ug/L | 44  | 0   | *    |      | 70 (28) | 130 (100) | 20 (20) |
|               | Acenaphthene                | 50    | 47.3   | ug/L | 95  | 3   |      |      | 70 (59) | 130 (113) | 20 (20) |
|               | 2,4-Dinitrophenol           | 100   | 160    | ug/L | 160 | 0   |      |      | 20 (36) | 160 (166) | 20 (20) |
|               | 4-Nitrophenol               | 100   | 130    | ug/L | 130 | 0   |      |      | 20 (45) | 160 (147) | 20 (20) |
|               | Dibenzofuran                | 50    | 47.9   | ug/L | 96  | 2   |      |      | 70 (65) | 130 (106) | 20 (20) |
|               | 2,4-Dinitrotoluene          | 50    | 61.5   | ug/L | 123 | 3   |      |      | 70 (60) | 130 (115) | 20 (20) |
|               | Diethylphthalate            | 50    | 51.3   | ug/L | 103 | 2   |      |      | 70 (63) | 130 (105) | 20 (20) |
|               | 4-Chlorophenyl-phenylether  | 50    | 51.2   | ug/L | 102 | 1   |      |      | 70 (61) | 130 (104) | 20 (20) |
|               | Fluorene                    | 50    | 50.8   | ug/L | 102 | 1   |      |      | 70 (64) | 130 (107) | 20 (20) |
|               | 4-Nitroaniline              | 50    | 55.2   | ug/L | 110 | 1   |      |      | 70 (55) | 130 (125) | 20 (20) |
|               | 4,6-Dinitro-2-methylphenol  | 50    | 70.7   | ug/L | 141 | 3   | *    |      | 70 (62) | 130 (132) | 20 (20) |
|               | N-Nitrosodiphenylamine      | 50    | 51.4   | ug/L | 103 | 0   |      |      | 70 (61) | 130 (109) | 20 (20) |
|               | 4-Bromophenyl-phenylether   | 50    | 52.9   | ug/L | 106 | 1   |      |      | 70 (73) | 130 (103) | 20 (20) |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1690

Client: G Environmental

Analytical Method: 8270E

DataFile: BG064176.D

| Lab Sample ID | Parameter                  | Spike | Result | Unit | Rec | RPD | Qual | RPD  |         | Limits    |         |
|---------------|----------------------------|-------|--------|------|-----|-----|------|------|---------|-----------|---------|
|               |                            |       |        |      |     |     |      | Qual | Low     | High      | RPD     |
| PB167451BSD   | Hexachlorobenzene          | 50    | 52.4   | ug/L | 105 | 3   |      |      | 70 (73) | 130 (106) | 20 (20) |
|               | Atrazine                   | 50    | 71.7   | ug/L | 143 | 0   | *    |      | 70 (76) | 130 (120) | 20 (20) |
|               | Pentachlorophenol          | 100   | 110    | ug/L | 110 | 0   |      |      | 20 (47) | 160 (114) | 20 (20) |
|               | Phenanthrene               | 50    | 50.9   | ug/L | 102 | 1   |      |      | 70 (62) | 130 (109) | 20 (20) |
|               | Anthracene                 | 50    | 53.4   | ug/L | 107 | 3   |      |      | 70 (65) | 130 (110) | 20 (20) |
|               | Carbazole                  | 50    | 51.8   | ug/L | 104 | 3   |      |      | 70 (62) | 130 (106) | 20 (20) |
|               | Di-n-butylphthalate        | 50    | 52.9   | ug/L | 106 | 0   |      |      | 70 (64) | 130 (106) | 20 (20) |
|               | Fluoranthene               | 50    | 49.6   | ug/L | 99  | 1   |      |      | 70 (64) | 130 (110) | 20 (20) |
|               | Pyrene                     | 50    | 49.8   | ug/L | 100 | 3   |      |      | 70 (71) | 130 (103) | 20 (20) |
|               | Butylbenzylphthalate       | 50    | 56.6   | ug/L | 113 | 2   |      |      | 70 (61) | 130 (105) | 20 (20) |
|               | 3,3-Dichlorobenzidine      | 50    | 25.4   | ug/L | 51  | 6   | *    |      | 70 (43) | 130 (108) | 20 (20) |
|               | Benzo(a)anthracene         | 50    | 51.2   | ug/L | 102 | 3   |      |      | 70 (62) | 130 (107) | 20 (20) |
|               | Chrysene                   | 50    | 48.3   | ug/L | 97  | 3   |      |      | 70 (61) | 130 (108) | 20 (20) |
|               | bis(2-Ethylhexyl)phthalate | 50    | 57.8   | ug/L | 116 | 4   |      |      | 70 (59) | 130 (110) | 20 (20) |
|               | Di-n-octyl phthalate       | 50    | 58.3   | ug/L | 117 | 2   |      |      | 70 (52) | 130 (139) | 20 (20) |
|               | Benzo(b)fluoranthene       | 50    | 50.8   | ug/L | 102 | 1   |      |      | 70 (77) | 130 (113) | 20 (20) |
|               | Benzo(k)fluoranthene       | 50    | 49.1   | ug/L | 98  | 2   |      |      | 70 (77) | 130 (105) | 20 (20) |
|               | Benzo(a)pyrene             | 50    | 54.0   | ug/L | 108 | 2   |      |      | 70 (72) | 130 (131) | 20 (20) |
|               | Indeno(1,2,3-cd)pyrene     | 50    | 54.1   | ug/L | 108 | 1   |      |      | 70 (72) | 130 (105) | 20 (20) |
|               | Dibenz(a,h)anthracene      | 50    | 54.1   | ug/L | 108 | 0   |      |      | 70 (78) | 130 (115) | 20 (20) |
|               | Benzo(g,h,i)perylene       | 50    | 49.8   | ug/L | 100 | 2   |      |      | 70 (75) | 130 (118) | 20 (20) |
|               | 1,2,4,5-Tetrachlorobenzene | 50    | 45.6   | ug/L | 91  | 5   |      |      | 70 (72) | 130 (101) | 20 (20) |
|               | 1,4-Dioxane                | 50    | 30.1   | ug/L | 60  | 6   |      |      | 20 (38) | 160 (125) | 20 (20) |
|               | 2,3,4,6-Tetrachlorophenol  | 50    | 60.2   | ug/L | 120 | 0   |      |      | 70 (63) | 130 (116) | 20 (20) |

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167451BL

Lab Name: CHEMTECH

Contract: GENV01

Lab Code: CHEM Case No.: Q1690

SAS No.: Q1690 SDG NO.: Q1690

Lab File ID: BG064174.D

Lab Sample ID: PB167451BL

Instrument ID: BNA\_G

Date Extracted: 04/03/2025

Matrix: (soil/water) Water

Date Analyzed: 04/03/2025

Level: (low/med) LOW

Time Analyzed: 19:58

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED |
|-------------------|------------------|----------------|------------------|
| PB167451BS        | PB167451BS       | BG064175.D     | 04/03/2025       |
| PB167451BSD       | PB167451BSD      | BG064176.D     | 04/03/2025       |
| MW112010          | Q1690-01         | BG064178.D     | 04/03/2025       |

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: GENV01Lab Code: CHEMSAS No.: Q1690 SDG NO.: Q1690Lab File ID: BG064044.DDFTPP Injection Date: 03/05/2025Instrument ID: BNA\_GDFTPP Injection Time: 08:15

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 55.3                 |
| 68  | Less than 2.0% of mass 69          | 0.4 ( 1.1 ) 1        |
| 69  | Mass 69 relative abundance         | 38                   |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.5 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 47                   |
| 197 | Less than 2.0% of mass 198         | 0.6                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.4                  |
| 275 | 10.0 - 60.0% of mass 198           | 26.2                 |
| 365 | Greater than 1% of mass 198        | 4.5                  |
| 441 | Present, but less than mass 443    | 13.7                 |
| 442 | Greater than 50% of mass 198       | 85.4                 |
| 443 | 15.0 - 24.0% of mass 442           | 17.2 ( 20.2 ) 2      |

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| SSTDICC2.5        | SSTDICC2.5       | BG064045.D     | 03/05/2025       | 09:02            |
| SSTDICC005        | SSTDICC005       | BG064046.D     | 03/05/2025       | 09:42            |
| SSTDICC010        | SSTDICC010       | BG064047.D     | 03/05/2025       | 10:22            |
| SSTDICC020        | SSTDICC020       | BG064048.D     | 03/05/2025       | 11:03            |
| SSTDICCC040       | SSTDICCC040      | BG064049.D     | 03/05/2025       | 11:43            |
| SSTDICC050        | SSTDICC050       | BG064050.D     | 03/05/2025       | 12:23            |
| SSTDICC060        | SSTDICC060       | BG064051.D     | 03/05/2025       | 13:04            |
| SSTDICC080        | SSTDICC080       | BG064052.D     | 03/05/2025       | 13:44            |



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: GENV01Lab Code: CHEMSAS No.: Q1690 SDG NO.: Q1690Lab File ID: BG064163.DDFTPP Injection Date: 04/03/2025Instrument ID: BNA\_GDFTPP Injection Time: 12:24

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 56                   |
| 68  | Less than 2.0% of mass 69          | 0.3 ( 0.8 ) 1        |
| 69  | Mass 69 relative abundance         | 40.6                 |
| 70  | Less than 2.0% of mass 69          | 0.3 ( 0.8 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 48.4                 |
| 197 | Less than 2.0% of mass 198         | 0.5                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 7.7                  |
| 275 | 10.0 - 60.0% of mass 198           | 28.1                 |
| 365 | Greater than 1% of mass 198        | 4.6                  |
| 441 | Present, but less than mass 443    | 14.4                 |
| 442 | Greater than 50% of mass 198       | 81                   |
| 443 | 15.0 - 24.0% of mass 442           | 16.4 ( 20.2 ) 2      |

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| SSTDCCC040        | SSTDCCC040       | BG064164.D     | 04/03/2025       | 13:04            |
| PB167451BL        | PB167451BL       | BG064174.D     | 04/03/2025       | 19:58            |
| PB167451BS        | PB167451BS       | BG064175.D     | 04/03/2025       | 20:38            |
| PB167451BSD       | PB167451BSD      | BG064176.D     | 04/03/2025       | 21:19            |
| MW112010          | Q1690-01         | BG064178.D     | 04/03/2025       | 22:40            |

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1690 SAS No.: Q1690 SDG NO.: Q1690

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/03/2025

Lab File ID: BG064164.D Time Analyzed: 13:04

Instrument ID: BNA\_G GC Column: ZB-GR ID: 0.25 (mm)

|                | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #   | IS3 (ANT)<br>AREA # | RT #   |
|----------------|---------------------|-------|---------------------|--------|---------------------|--------|
| 12 HOUR STD    | 32960               | 7.856 | 151982              | 10.65  | 113011              | 14.48  |
| UPPER LIMIT    | 65920               | 8.356 | 303964              | 11.152 | 226022              | 14.983 |
| LOWER LIMIT    | 16480               | 7.356 | 75991               | 10.152 | 56505.5             | 13.983 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 PB167451BL  | 27407               | 7.85  | 121488              | 10.65  | 99612               | 14.48  |
| 02 PB167451BS  | 27724               | 7.86  | 127043              | 10.65  | 99227               | 14.48  |
| 03 PB167451BSD | 28303               | 7.86  | 133092              | 10.65  | 102019              | 14.48  |
| 04 MW112010    | 26545               | 7.86  | 122172              | 10.65  | 99976               | 14.48  |

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.

\* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1690 SAS No.: Q1690 SDG NO.: Q1690

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/03/2025

Lab File ID: BG064164.D Time Analyzed: 13:04

Instrument ID: BNA\_G GC Column: ZB-GR ID: 0.25 (mm)

|                | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #   |
|----------------|---------------------|--------|---------------------|--------|---------------------|--------|
| 12 HOUR STD    | 257861              | 17.227 | 259274              | 21.457 | 274699              | 24.471 |
| UPPER LIMIT    | 515722              | 17.727 | 518548              | 21.957 | 549398              | 24.971 |
| LOWER LIMIT    | 128931              | 16.727 | 129637              | 20.957 | 137350              | 23.971 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 01 PB167451BL  | 240876              | 17.23  | 250147              | 21.45  | 267703              | 24.46  |
| 02 PB167451BS  | 235595              | 17.22  | 232442              | 21.46  | 250687              | 24.47  |
| 03 PB167451BSD | 241112              | 17.23  | 247153              | 21.46  | 262161              | 24.47  |
| 04 MW112010    | 228491              | 17.22  | 227158              | 21.45  | 246565              | 24.46  |

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.

\* Values outside of QC limits.



# SAMPLE DATA

## Report of Analysis

|                    |                        |                 |                            |
|--------------------|------------------------|-----------------|----------------------------|
| Client:            | G Environmental        | Date Collected: | 03/31/25                   |
| Project:           | TGP                    | Date Received:  | 04/01/25                   |
| Client Sample ID:  | MW112010               | SDG No.:        | Q1690                      |
| Lab Sample ID:     | Q1690-01               | Matrix:         | Water                      |
| Analytical Method: | SW8270                 | % Solid:        | 0                          |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000                    uL |
| Soil Aliquot Vol:  | uL                     | Test:           | SVOC-TCL BNA -20           |
| Extraction Type :  | Decanted :      N      | Level :         | LOW                        |
| Injection Volume : | GPC Factor :    1.0    | GPC Cleanup :   | N                    PH :  |
| Prep Method :      | SW3510C                |                 |                            |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BG064178.D        | 1         | 04/03/25 10:10 | 04/03/25 22:40 | PB167451      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |            |       |
| 100-52-7       | Benzaldehyde                | 3.90  | U         | 3.90 | 10.0       | ug/L  |
| 108-95-2       | Phenol                      | 0.91  | U         | 0.91 | 5.00       | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether     | 0.81  | U         | 0.81 | 5.00       | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 0.58  | U         | 0.58 | 5.00       | ug/L  |
| 95-48-7        | 2-Methylphenol              | 1.10  | U         | 1.10 | 5.00       | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.30  | U         | 1.30 | 5.00       | ug/L  |
| 98-86-2        | Acetophenone                | 0.74  | U         | 0.74 | 5.00       | ug/L  |
| 65794-96-9     | 3+4-Methylphenols           | 1.10  | U         | 1.10 | 10.0       | ug/L  |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 1.40  | U         | 1.40 | 2.50       | ug/L  |
| 67-72-1        | Hexachloroethane            | 0.65  | U         | 0.65 | 5.00       | ug/L  |
| 98-95-3        | Nitrobenzene                | 0.76  | U         | 0.76 | 5.00       | ug/L  |
| 78-59-1        | Isophorone                  | 0.75  | U         | 0.75 | 5.00       | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.80  | U         | 1.80 | 5.00       | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 1.90  | UQ        | 1.90 | 5.00       | ug/L  |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 0.68  | U         | 0.68 | 5.00       | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 0.52  | U         | 0.52 | 5.00       | ug/L  |
| 91-20-3        | Naphthalene                 | 0.50  | U         | 0.50 | 5.00       | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 0.84  | UQ        | 0.84 | 5.00       | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 0.54  | U         | 0.54 | 5.00       | ug/L  |
| 105-60-2       | Caprolactam                 | 1.10  | U         | 1.10 | 10.0       | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 0.59  | U         | 0.59 | 5.00       | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 0.56  | U         | 0.56 | 5.00       | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.60  | UQ        | 3.60 | 10.0       | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 0.51  | U         | 0.51 | 5.00       | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 0.62  | U         | 0.62 | 5.00       | ug/L  |
| 92-52-4        | 1,1-Biphenyl                | 0.53  | U         | 0.53 | 5.00       | ug/L  |
| 91-58-7        | 2-Chloronaphthalene         | 0.61  | U         | 0.61 | 5.00       | ug/L  |
| 88-74-4        | 2-Nitroaniline              | 1.30  | U         | 1.30 | 5.00       | ug/L  |
| 131-11-3       | Dimethylphthalate           | 0.61  | U         | 0.61 | 5.00       | ug/L  |

## Report of Analysis

|                    |                        |                 |                              |
|--------------------|------------------------|-----------------|------------------------------|
| Client:            | G Environmental        | Date Collected: | 03/31/25                     |
| Project:           | TGP                    | Date Received:  | 04/01/25                     |
| Client Sample ID:  | MW112010               | SDG No.:        | Q1690                        |
| Lab Sample ID:     | Q1690-01               | Matrix:         | Water                        |
| Analytical Method: | SW8270                 | % Solid:        | 0                            |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000                      uL |
| Soil Aliquot Vol:  | uL                     | Test:           | SVOC-TCL BNA -20             |
| Extraction Type :  | Decanted :      N      | Level :         | LOW                          |
| Injection Volume : | GPC Factor :    1.0    | GPC Cleanup :   | N                      PH :  |
| Prep Method :      | SW3510C                |                 |                              |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BG064178.D        | 1         | 04/03/25 10:10 | 04/03/25 22:40 | PB167451      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|------------|-------|
| 208-96-8   | Acenaphthylene             | 0.75  | U         | 0.75 | 5.00       | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 0.92  | U         | 0.92 | 5.00       | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 1.10  | UQ        | 1.10 | 5.00       | ug/L  |
| 83-32-9    | Acenaphthene               | 0.55  | U         | 0.55 | 5.00       | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 6.00  | U         | 6.00 | 10.0       | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 2.40  | U         | 2.40 | 10.0       | ug/L  |
| 132-64-9   | Dibenzofuran               | 0.61  | U         | 0.61 | 5.00       | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 1.20  | U         | 1.20 | 5.00       | ug/L  |
| 84-66-2    | Diethylphthalate           | 0.69  | U         | 0.69 | 5.00       | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 0.68  | U         | 0.68 | 5.00       | ug/L  |
| 86-73-7    | Fluorene                   | 0.63  | U         | 0.63 | 5.00       | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 1.50  | U         | 1.50 | 5.00       | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 2.90  | UQ        | 2.90 | 10.0       | ug/L  |
| 86-30-6    | n-Nitrosodiphenylamine     | 0.58  | U         | 0.58 | 5.00       | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 0.40  | U         | 0.40 | 5.00       | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 0.52  | U         | 0.52 | 5.00       | ug/L  |
| 1912-24-9  | Atrazine                   | 1.00  | UQ        | 1.00 | 5.00       | ug/L  |
| 87-86-5    | Pentachlorophenol          | 1.60  | U         | 1.60 | 10.0       | ug/L  |
| 85-01-8    | Phenanthrene               | 0.50  | U         | 0.50 | 5.00       | ug/L  |
| 120-12-7   | Anthracene                 | 0.61  | U         | 0.61 | 5.00       | ug/L  |
| 86-74-8    | Carbazole                  | 0.72  | U         | 0.72 | 5.00       | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 1.20  | U         | 1.20 | 5.00       | ug/L  |
| 206-44-0   | Fluoranthene               | 0.82  | U         | 0.82 | 5.00       | ug/L  |
| 129-00-0   | Pyrene                     | 0.50  | U         | 0.50 | 5.00       | ug/L  |
| 85-68-7    | Butylbenzylphthalate       | 1.90  | U         | 1.90 | 5.00       | ug/L  |
| 91-94-1    | 3,3-Dichlorobenzidine      | 0.93  | UQ        | 0.93 | 10.0       | ug/L  |
| 56-55-3    | Benzo(a)anthracene         | 0.45  | U         | 0.45 | 5.00       | ug/L  |
| 218-01-9   | Chrysene                   | 0.44  | U         | 0.44 | 5.00       | ug/L  |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 1.60  | U         | 1.60 | 5.00       | ug/L  |
| 117-84-0   | Di-n-octyl phthalate       | 2.30  | U         | 2.30 | 10.0       | ug/L  |
| 205-99-2   | Benzo(b)fluoranthene       | 0.49  | U         | 0.49 | 5.00       | ug/L  |

## Report of Analysis

|                    |                  |                 |                  |
|--------------------|------------------|-----------------|------------------|
| Client:            | G Environmental  | Date Collected: | 03/31/25         |
| Project:           | TGP              | Date Received:  | 04/01/25         |
| Client Sample ID:  | MW112010         | SDG No.:        | Q1690            |
| Lab Sample ID:     | Q1690-01         | Matrix:         | Water            |
| Analytical Method: | SW8270           | % Solid:        | 0                |
| Sample Wt/Vol:     | 1000 Units: mL   | Final Vol:      | 1000 uL          |
| Soil Aliquot Vol:  | uL               | Test:           | SVOC-TCL BNA -20 |
| Extraction Type :  | Decanted : N     | Level :         | LOW              |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup :   | N PH :           |
| Prep Method :      | SW3510C          |                 |                  |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BG064178.D        | 1         | 04/03/25 10:10 | 04/03/25 22:40 | PB167451      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|--------|-----------|---------------------|------------|----------|
| 207-08-9                              | Benzo(k)fluoranthene               | 0.48   | U         | 0.48                | 5.00       | ug/L     |
| 50-32-8                               | Benzo(a)pyrene                     | 0.55   | U         | 0.55                | 5.00       | ug/L     |
| 193-39-5                              | Indeno(1,2,3-cd)pyrene             | 0.59   | U         | 0.59                | 5.00       | ug/L     |
| 53-70-3                               | Dibenzo(a,h)anthracene             | 0.67   | U         | 0.67                | 5.00       | ug/L     |
| 191-24-2                              | Benzo(g,h,i)perylene               | 0.69   | U         | 0.69                | 5.00       | ug/L     |
| 95-94-3                               | 1,2,4,5-Tetrachlorobenzene         | 0.52   | U         | 0.52                | 5.00       | ug/L     |
| 123-91-1                              | 1,4-Dioxane                        | 1.00   | U         | 1.00                | 5.00       | ug/L     |
| 58-90-2                               | 2,3,4,6-Tetrachlorophenol          | 0.72   | U         | 0.72                | 5.00       | ug/L     |
| <b>SURROGATES</b>                     |                                    |        |           |                     |            |          |
| 367-12-4                              | 2-Fluorophenol                     | 0.035  | *         | 15 (10) - 110 (139) | 0%         | SPK: 150 |
| 13127-88-3                            | Phenol-d6                          | 0.026  | *         | 15 (10) - 110 (134) | 0%         | SPK: 150 |
| 4165-60-0                             | Nitrobenzene-d5                    | 84.2   |           | 30 (49) - 130 (133) | 84%        | SPK: 100 |
| 321-60-8                              | 2-Fluorobiphenyl                   | 76.7   |           | 30 (52) - 130 (132) | 77%        | SPK: 100 |
| 118-79-6                              | 2,4,6-Tribromophenol               | 0.055  | *         | 15 (44) - 110 (137) | 0%         | SPK: 150 |
| 1718-51-0                             | Terphenyl-d14                      | 87.4   |           | 30 (48) - 130 (125) | 87%        | SPK: 100 |
| <b>INTERNAL STANDARDS</b>             |                                    |        |           |                     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 26500  |           | 7.856               |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 122000 |           | 10.647              |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 100000 |           | 14.484              |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 228000 |           | 17.222              |            |          |
| 1719-03-5                             | Chrysene-d12                       | 227000 |           | 21.452              |            |          |
| 1520-96-3                             | Perylene-d12                       | 247000 |           | 24.461              |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |                     |            |          |
| 000123-42-2                           | 2-Pentanone, 4-hydroxy-4-methyl-   | 230    | AB        |                     | 4.99       | ug/L     |
| 000107-70-0                           | 2-Pentanone, 4-methoxy-4-methyl-   | 4.00   | JB        |                     | 6.05       | ug/L     |
| 000112-35-6                           | Ethanol, 2-[2-(2-methoxyethoxy)eth | 3.10   | J         |                     | 10.8       | ug/L     |
| 000111-96-6                           | Ethane, 1,1-oxybis[2-methoxy-      | 6.40   | J         |                     | 11.3       | ug/L     |
| 1000352-12-0                          | Decaethylene glycol, monomethyl et | 2.60   | J         |                     | 11.5       | ug/L     |
| 1000262-26-6                          | Tri(1,2-propyleneglycol), monometh | 3.00   | J         |                     | 11.8       | ug/L     |
| 1000366-81-4                          | Methyl 2,5,8,11,14,17-hexaoxonad   | 2.20   | J         |                     | 11.9       | ug/L     |



## Report of Analysis

|                    |                        |                 |                              |
|--------------------|------------------------|-----------------|------------------------------|
| Client:            | G Environmental        | Date Collected: | 03/31/25                     |
| Project:           | TGP                    | Date Received:  | 04/01/25                     |
| Client Sample ID:  | MW112010               | SDG No.:        | Q1690                        |
| Lab Sample ID:     | Q1690-01               | Matrix:         | Water                        |
| Analytical Method: | SW8270                 | % Solid:        | 0                            |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000                      uL |
| Soil Aliquot Vol:  | uL                     | Test:           | SVOC-TCL BNA -20             |
| Extraction Type :  | Decanted :      N      | Level :         | LOW                          |
| Injection Volume : | GPC Factor :    1.0    | GPC Cleanup :   | N                      PH :  |
| Prep Method :      | SW3510C                |                 |                              |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BG064178.D        | 1         | 04/03/25 10:10 | 04/03/25 22:40 | PB167451      |

| CAS Number   | Parameter                          | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|--------------|------------------------------------|-------|-----------|-----|------------|-------|
| 023601-40-3  | 2,5,8,11,14,17-Hexaoxonadecan-19   | 2.70  | J         |     | 14.3       | ug/L  |
| 000112-49-2  | 2,5,8,11-Tetraoxadodecane          | 10.0  | J         |     | 14.6       | ug/L  |
| 029911-28-2  | 2-Propanol, 1-(2-butoxy-1-methylet | 2.20  | J         |     | 14.7       | ug/L  |
| 000119-61-9  | Benzophenone                       | 7.30  | J         |     | 15.8       | ug/L  |
| 000143-24-8  | Tetraglyme                         | 7.80  | J         |     | 17.0       | ug/L  |
| 002396-61-4  | 1-Propanol, 3,3-oxybis-            | 2.60  | J         |     | 17.1       | ug/L  |
| 001731-88-0  | Tridecanoic acid, methyl ester     | 5.30  | J         |     | 17.9       | ug/L  |
| 001072-40-8  | Hexaethylene glycol dimethyl ether | 3.20  | J         |     | 18.9       | ug/L  |
| 1000424-50-7 | Methyl 13-methyltetradecanoate     | 2.20  | J         |     | 19.2       | ug/L  |
| 001599-67-3  | 1-Docosene                         | 10.6  | J         |     | 21.1       | ug/L  |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040325\  
Data File : BG064178.D  
Acq On : 3 Apr 2025 22:40  
Operator : RC/JU  
Sample : Q1690-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
MW112010

Quant Time: Apr 04 01:49:07 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Mar 05 15:39:19 2025  
Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.856  | 152  | 26545    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.647 | 136  | 122172   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.484 | 164  | 99976    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.222 | 188  | 228491   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.452 | 240  | 227158   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 24.461 | 264  | 246565   | 20.000 | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 4.989  | 112  | 60       | 0.035  | ng    | -0.46    |
| 7) Phenol-d6                | 7.034  | 99   | 61       | 0.026  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.008  | 82   | 186184   | 84.216 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.636 | 330  | 61       | 0.055  | ng    | -0.34    |
| 45) 2-Fluorobiphenyl        | 13.109 | 172  | 505056   | 76.680 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.842 | 244  | 981941   | 87.405 | ng    | 0.00     |

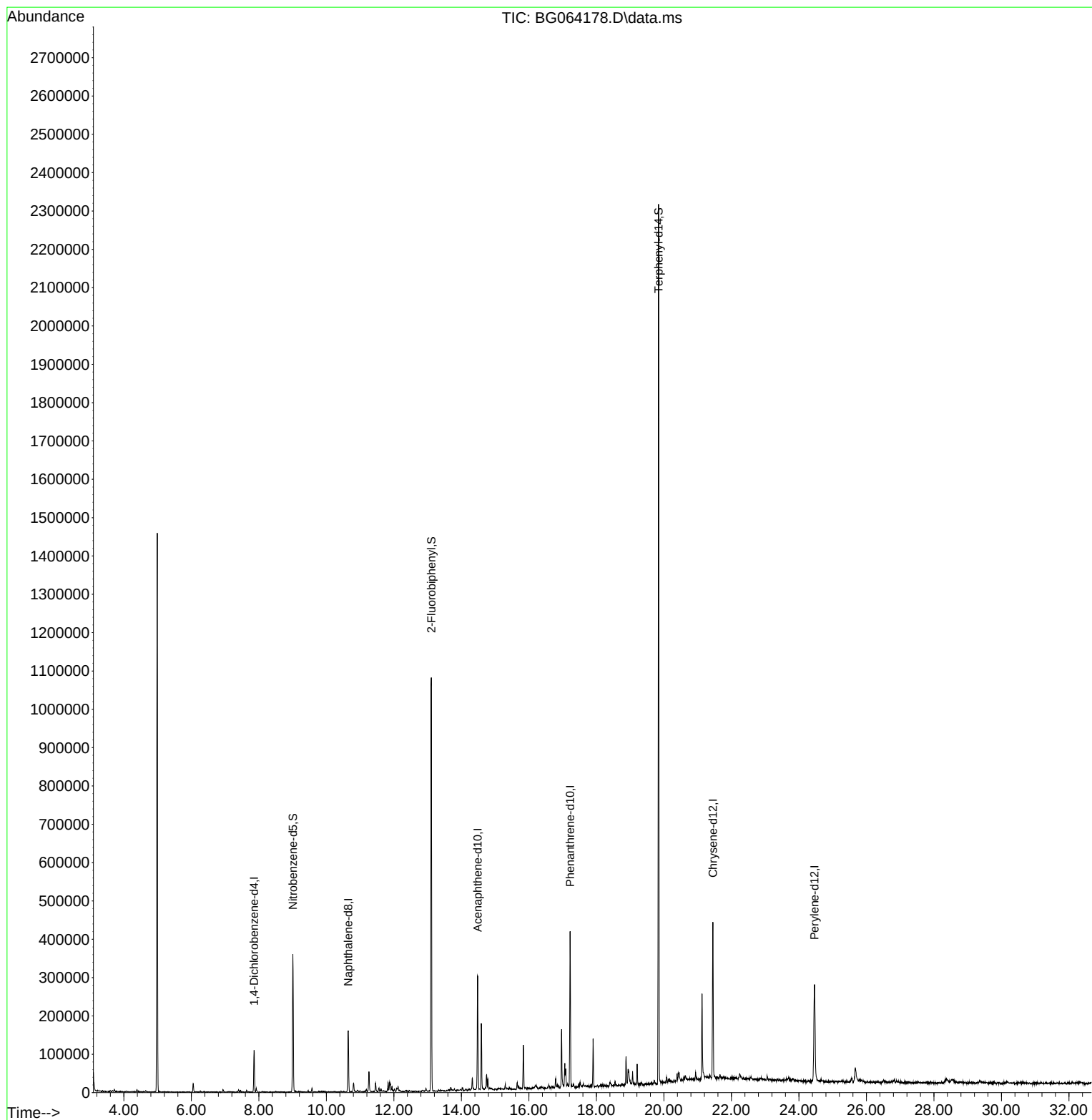
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

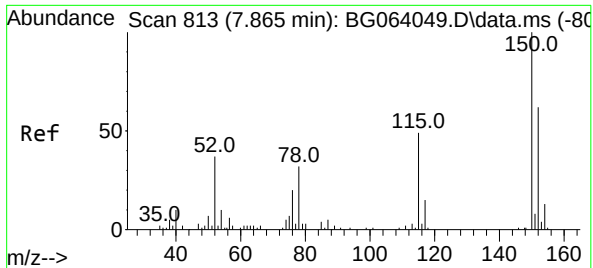
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040325\  
Data File : BG064178.D  
Acq On : 3 Apr 2025 22:40  
Operator : RC/JU  
Sample : Q1690-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
MW112010

Quant Time: Apr 04 01:49:07 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Mar 05 15:39:19 2025  
Response via : Initial Calibration

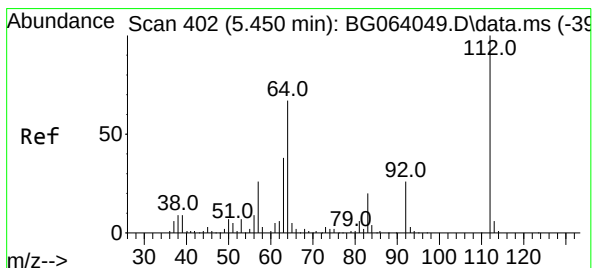
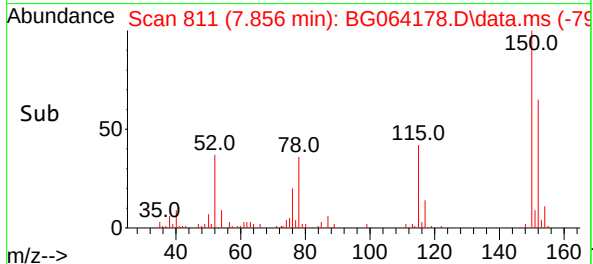
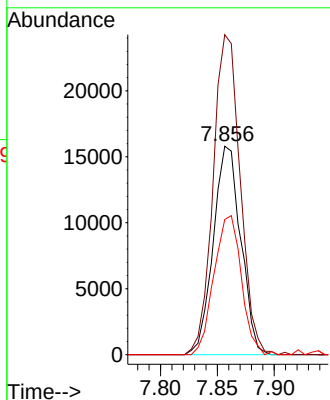
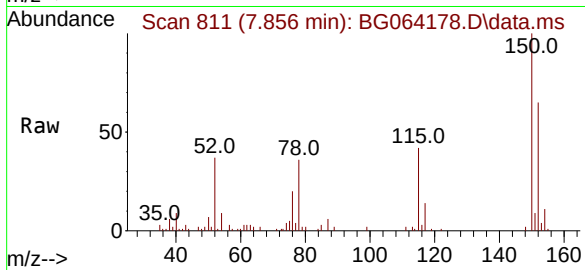




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.856 min Scan# 81  
Delta R.T. -0.009 min  
Lab File: BG064178.D  
Acq: 3 Apr 2025 22:40

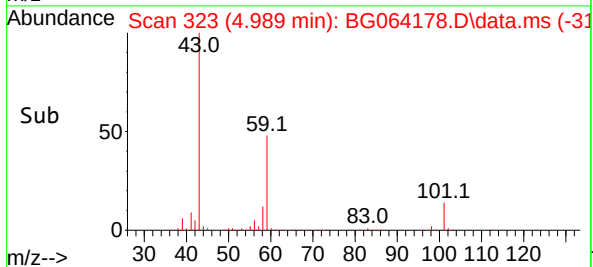
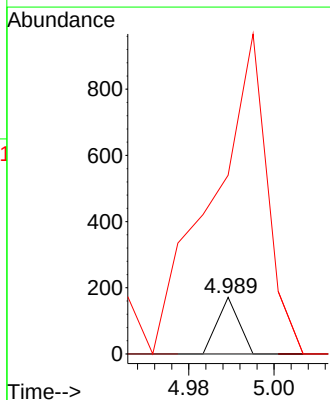
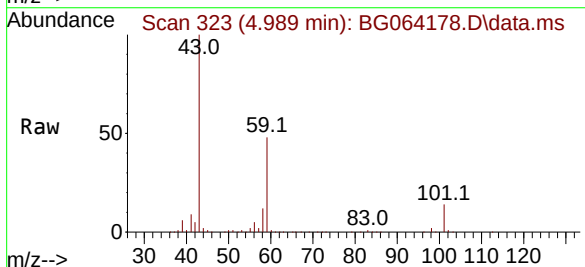
Instrument :  
BNA\_G  
ClientSampleId :  
MW112010

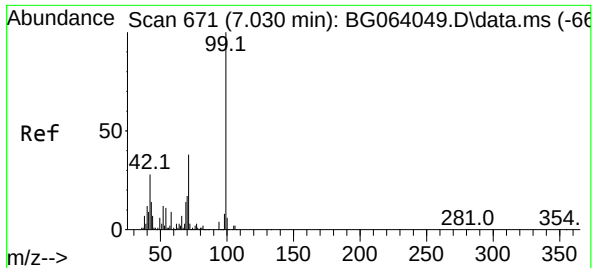
Tgt Ion:152 Resp: 26545  
Ion Ratio Lower Upper  
152 100  
150 153.4 129.2 193.8  
115 64.8 63.0 94.6



#5  
2-Fluorophenol  
Concen: 0.035 ng  
RT: 4.989 min Scan# 323  
Delta R.T. -0.461 min  
Lab File: BG064178.D  
Acq: 3 Apr 2025 22:40

Tgt Ion:112 Resp: 60  
Ion Ratio Lower Upper  
112 100  
64 0.0 53.7 80.5#  
63 315.8 30.2 45.4#

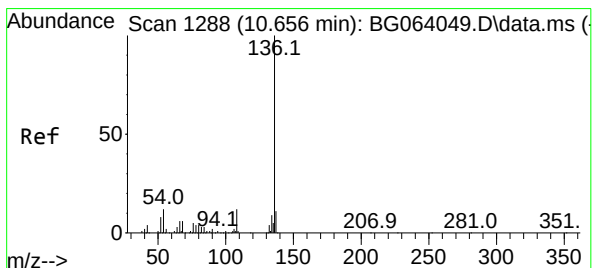
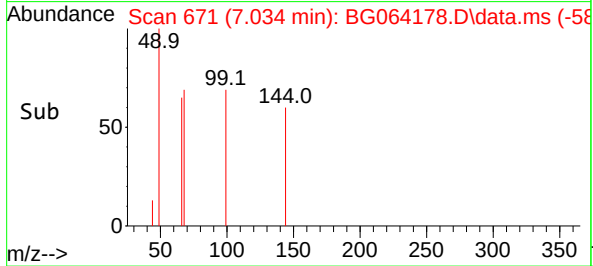
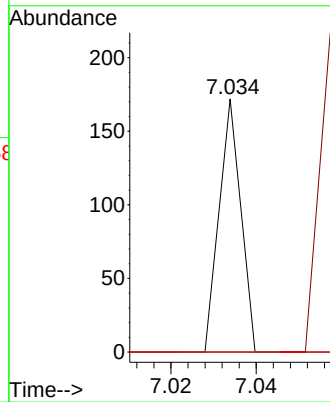
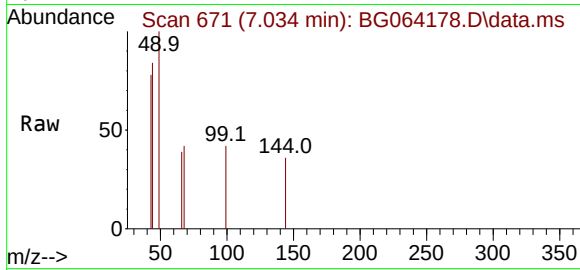




#7  
Phenol-d6  
Concen: 0.026 ng  
RT: 7.034 min Scan# 61  
Delta R.T. 0.003 min  
Lab File: BG064178.D  
Acq: 3 Apr 2025 22:40

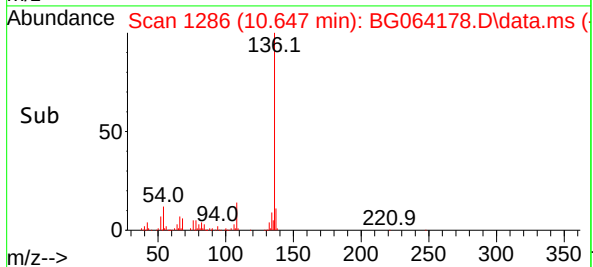
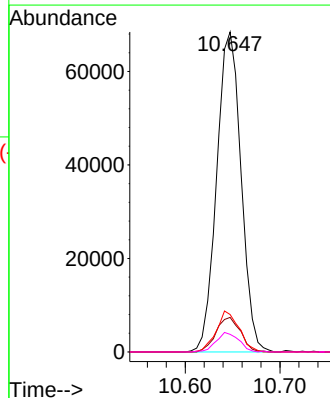
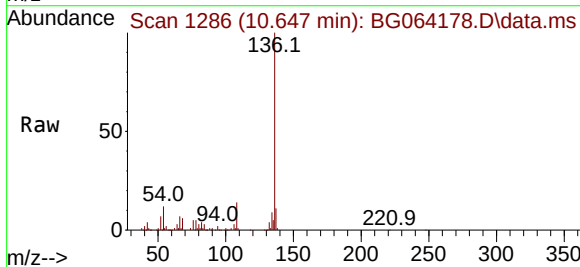
Instrument :  
BNA\_G  
ClientSampleId :  
MW112010

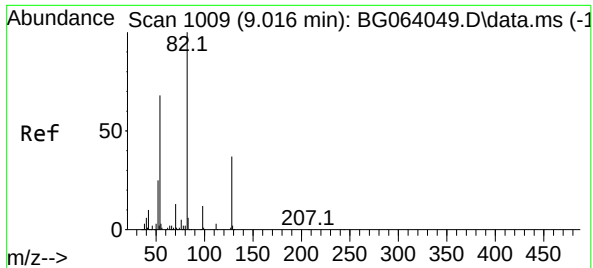
Tgt Ion: 99 Resp: 61  
Ion Ratio Lower Upper  
99 100  
42 0.0 22.7 34.1#  
71 0.0 30.6 46.0#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.647 min Scan# 1286  
Delta R.T. -0.009 min  
Lab File: BG064178.D  
Acq: 3 Apr 2025 22:40

Tgt Ion:136 Resp: 122172  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.5 12.7  
54 11.7 9.9 14.9  
68 5.5 4.6 6.8





#23

Nitrobenzene-d5

Concen: 84.216 ng

RT: 9.008 min Scan# 1007

Delta R.T. -0.008 min

Lab File: BG064178.D

Acq: 3 Apr 2025 22:40

Instrument :

BNA\_G

ClientSampleId :

MW112010

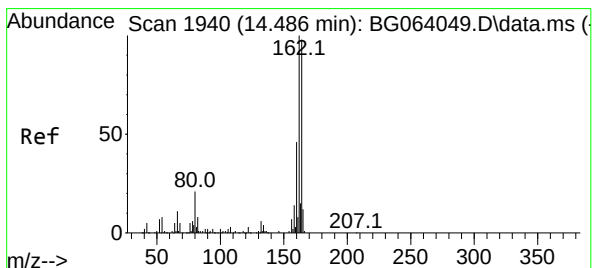
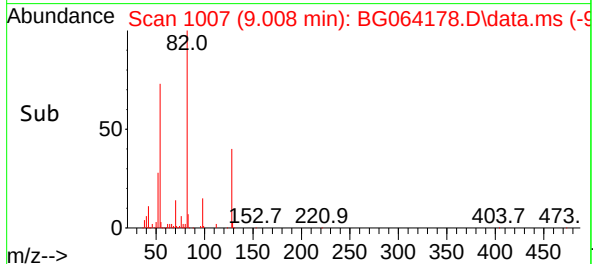
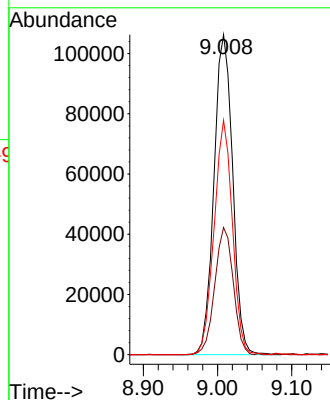
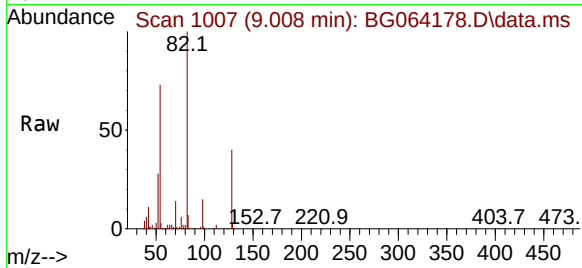
Tgt Ion: 82 Resp: 186184

Ion Ratio Lower Upper

82 100

128 39.7 30.0 45.0

54 73.3 54.7 82.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.484 min Scan# 1939

Delta R.T. -0.002 min

Lab File: BG064178.D

Acq: 3 Apr 2025 22:40

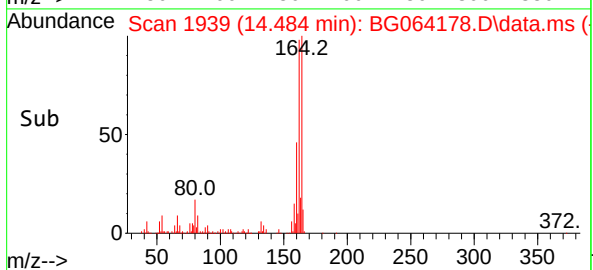
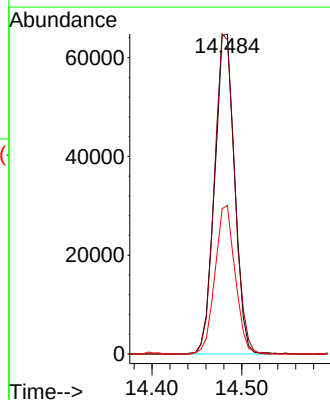
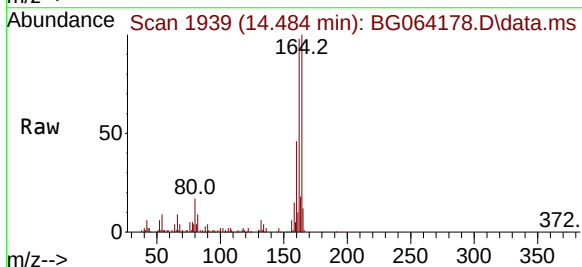
Tgt Ion:164 Resp: 99976

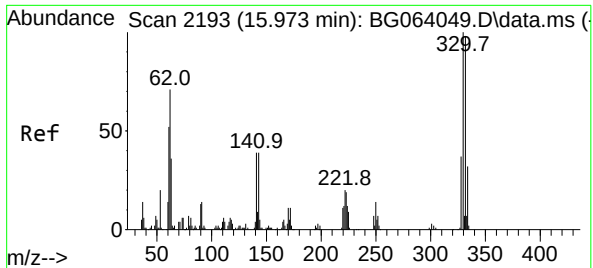
Ion Ratio Lower Upper

164 100

162 98.2 81.4 122.0

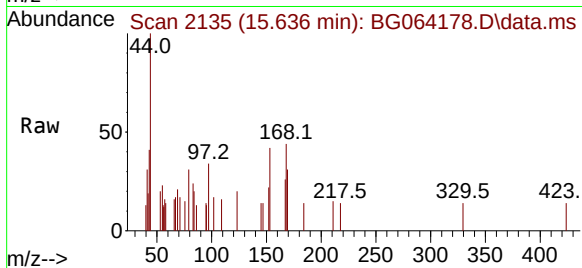
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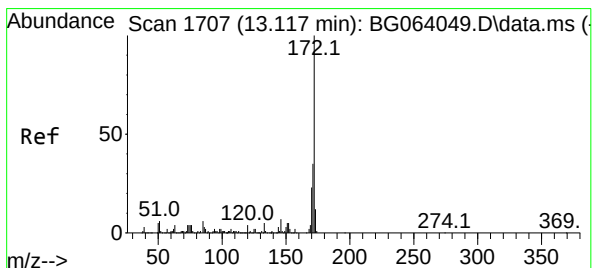
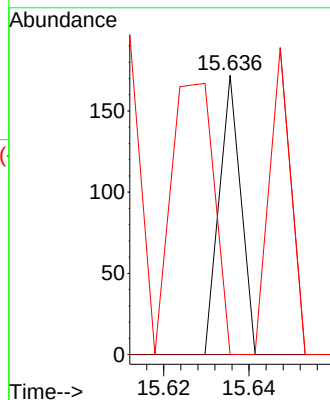
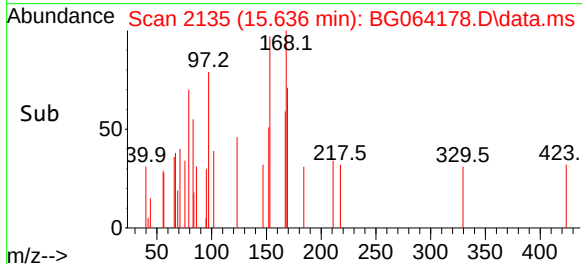


#42  
2,4,6-Tribromophenol  
Concen: 0.055 ng  
RT: 15.636 min Scan# 2193  
Delta R.T. -0.337 min  
Lab File: BG064178.D  
Acq: 3 Apr 2025 22:40

Instrument :  
BNA\_G  
ClientSampleId :  
MW112010

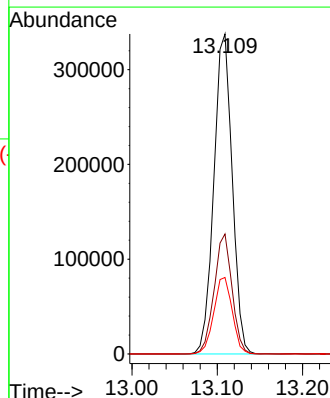
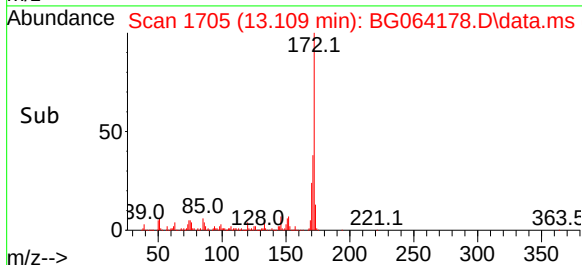
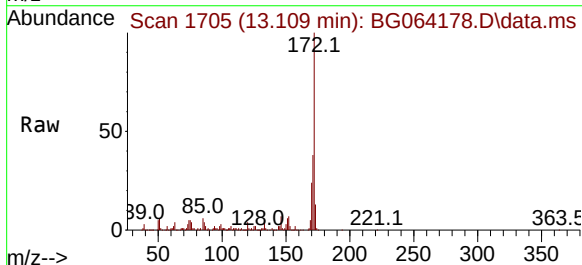


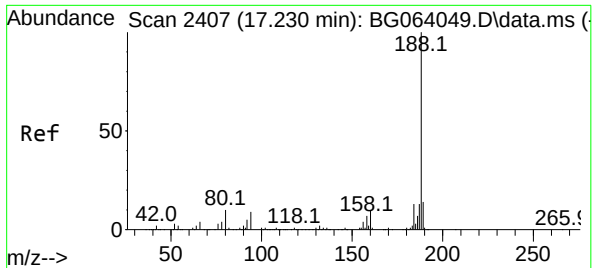
Tgt Ion:330 Resp: 61  
Ion Ratio Lower Upper  
330 100  
332 0.0 76.7 115.1#  
141 191.8 29.7 44.5#



#45  
2-Fluorobiphenyl  
Concen: 76.680 ng  
RT: 13.109 min Scan# 1705  
Delta R.T. -0.008 min  
Lab File: BG064178.D  
Acq: 3 Apr 2025 22:40

Tgt Ion:172 Resp: 505056  
Ion Ratio Lower Upper  
172 100  
171 37.5 28.0 42.0  
170 23.9 18.7 28.1

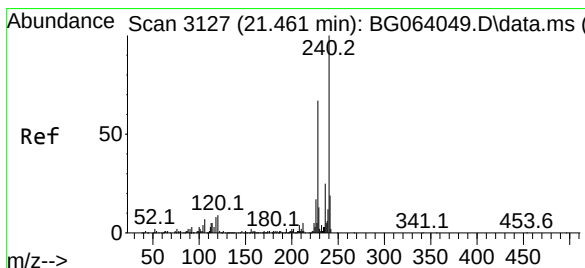
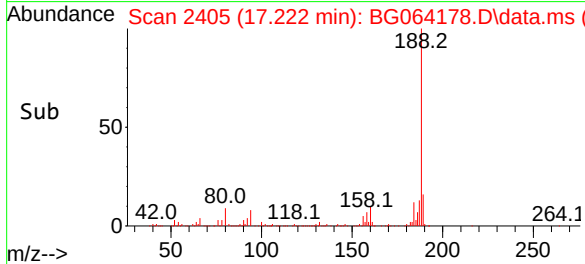
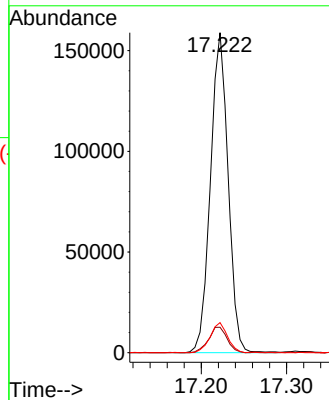
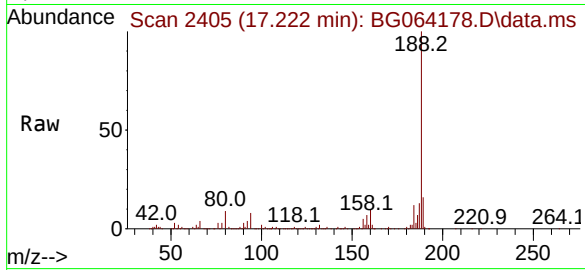




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.222 min Scan# 2405  
Delta R.T. -0.008 min  
Lab File: BG064178.D  
Acq: 3 Apr 2025 22:40

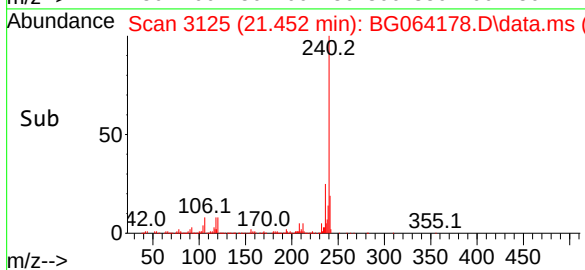
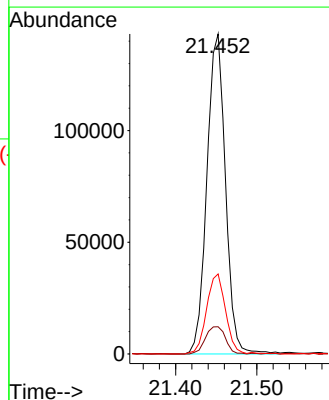
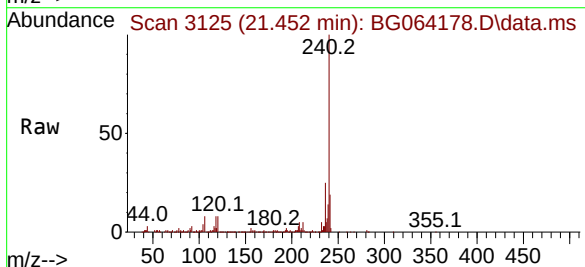
Instrument :  
BNA\_G  
ClientSampleId :  
MW112010

Tgt Ion:188 Resp: 228491  
Ion Ratio Lower Upper  
188 100  
94 8.0 6.9 10.3  
80 9.4 8.1 12.1

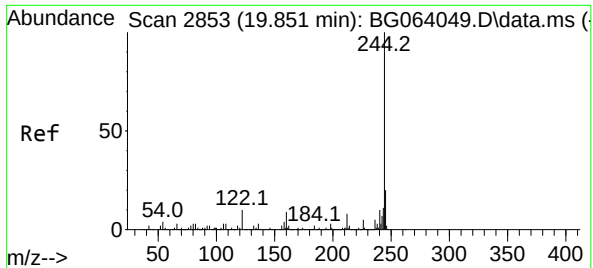


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.452 min Scan# 3125  
Delta R.T. -0.008 min  
Lab File: BG064178.D  
Acq: 3 Apr 2025 22:40

Tgt Ion:240 Resp: 227158  
Ion Ratio Lower Upper  
240 100  
120 8.5 7.2 10.8  
236 25.0 20.2 30.2



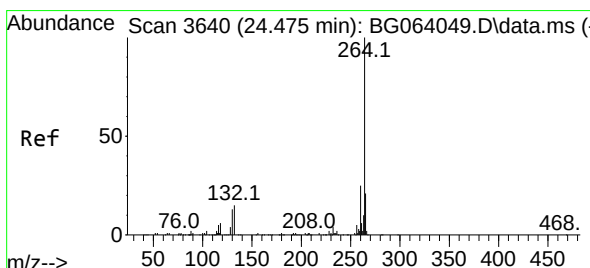
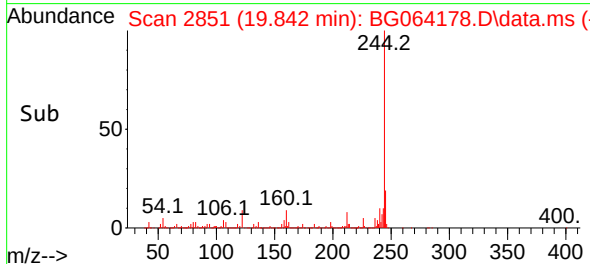
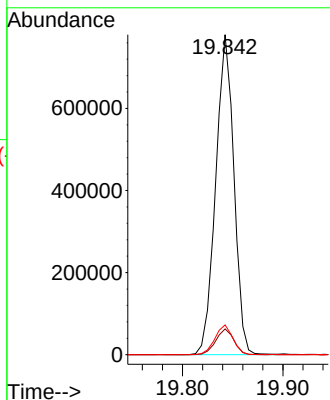
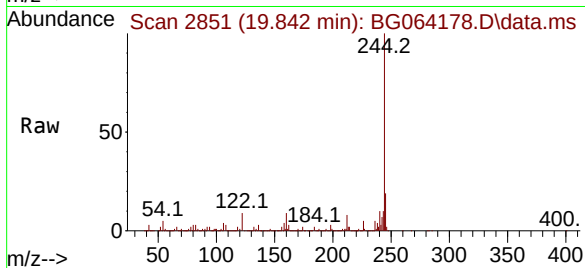




#79  
 Terphenyl-d14  
 Concen: 87.405 ng  
 RT: 19.842 min Scan# 21  
 Delta R.T. -0.008 min  
 Lab File: BG064178.D  
 Acq: 3 Apr 2025 22:40

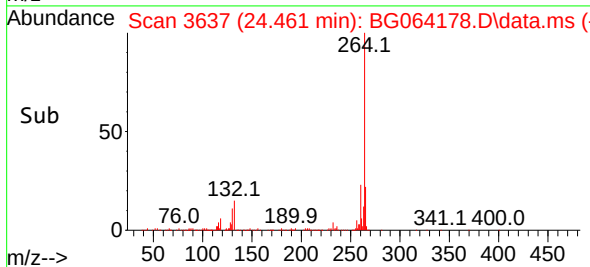
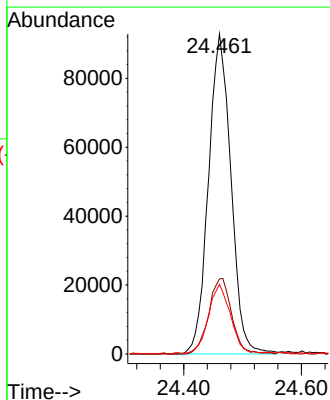
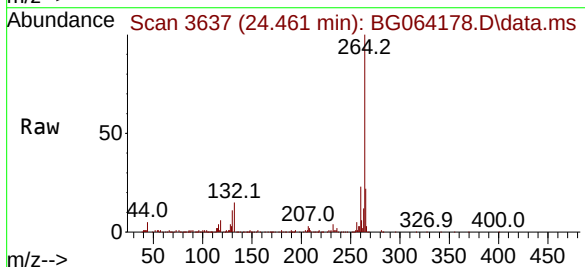
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW112010

Tgt Ion:244 Resp: 981941  
 Ion Ratio Lower Upper  
 244 100  
 212 8.0 6.2 9.4  
 122 9.3 8.0 12.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.461 min Scan# 3637  
 Delta R.T. -0.014 min  
 Lab File: BG064178.D  
 Acq: 3 Apr 2025 22:40

Tgt Ion:264 Resp: 246565  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 19.6 29.4  
 265 21.7 16.6 25.0



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040325\  
 Data File : BG064178.D  
 Acq On : 3 Apr 2025 22:40  
 Operator : RC/JU  
 Sample : Q1690-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW112010

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064178.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 4.989       | 315           | 323         | 330          | rVB      | 1457623        | 2126725       | 72.86%          | 17.435%       |
| 2         | 6.053       | 497           | 504         | 513          | rBV      | 22727          | 36568         | 1.25%           | 0.300%        |
| 3         | 7.856       | 805           | 811         | 817          | rBV      | 109358         | 181978        | 6.23%           | 1.492%        |
| 4         | 9.008       | 998           | 1007        | 1017         | rBV      | 359615         | 626098        | 21.45%          | 5.133%        |
| 5         | 10.647      | 1278          | 1286        | 1294         | rVB      | 160629         | 289300        | 9.91%           | 2.372%        |
| 6         | 10.806      | 1306          | 1313        | 1321         | rBV2     | 23208          | 44291         | 1.52%           | 0.363%        |
| 7         | 11.258      | 1385          | 1390        | 1400         | rVB2     | 52017          | 92979         | 3.19%           | 0.762%        |
| 8         | 11.458      | 1418          | 1424        | 1432         | rBV2     | 23071          | 37481         | 1.28%           | 0.307%        |
| 9         | 11.828      | 1479          | 1487        | 1491         | rBV2     | 24665          | 44022         | 1.51%           | 0.361%        |
| 10        | 11.875      | 1491          | 1495        | 1498         | rBV2     | 20496          | 31439         | 1.08%           | 0.258%        |
| 11        | 13.109      | 1697          | 1705        | 1712         | rBV      | 1078960        | 1633718       | 55.97%          | 13.393%       |
| 12        | 14.325      | 1900          | 1912        | 1917         | rBV      | 32612          | 61930         | 2.12%           | 0.508%        |
| 13        | 14.478      | 1933          | 1938        | 1945         | rVB      | 295972         | 466994        | 16.00%          | 3.828%        |
| 14        | 14.590      | 1952          | 1957        | 1962         | rBV      | 173275         | 232901        | 7.98%           | 1.909%        |
| 15        | 14.748      | 1978          | 1984        | 1987         | rBV      | 36032          | 51313         | 1.76%           | 0.421%        |
| 16        | 14.784      | 1987          | 1990        | 1995         | rVB      | 26371          | 36795         | 1.26%           | 0.302%        |
| 17        | 15.653      | 2131          | 2138        | 2142         | rBV4     | 19397          | 31217         | 1.07%           | 0.256%        |
| 18        | 15.835      | 2164          | 2169        | 2176         | rBV      | 114685         | 169523        | 5.81%           | 1.390%        |
| 19        | 16.793      | 2327          | 2332        | 2337         | rBV2     | 23892          | 34290         | 1.17%           | 0.281%        |
| 20        | 16.969      | 2354          | 2362        | 2372         | rBV      | 153503         | 231961        | 7.95%           | 1.902%        |
| 21        | 17.063      | 2374          | 2378        | 2380         | rVV      | 60487          | 76663         | 2.63%           | 0.628%        |
| 22        | 17.087      | 2380          | 2382        | 2387         | rVB      | 45220          | 56630         | 1.94%           | 0.464%        |
| 23        | 17.222      | 2399          | 2405        | 2411         | rVB2     | 405177         | 593048        | 20.32%          | 4.862%        |
| 24        | 17.903      | 2515          | 2521        | 2527         | rVB2     | 126477         | 157202        | 5.39%           | 1.289%        |
| 25        | 18.879      | 2682          | 2687        | 2691         | rBV      | 74194          | 93399         | 3.20%           | 0.766%        |
| 26        | 18.938      | 2693          | 2697        | 2699         | rBV2     | 36333          | 46189         | 1.58%           | 0.379%        |
| 27        | 19.073      | 2716          | 2720        | 2723         | rVB4     | 33736          | 37397         | 1.28%           | 0.307%        |
| 28        | 19.208      | 2739          | 2743        | 2748         | rVB      | 54384          | 65797         | 2.25%           | 0.539%        |
| 29        | 19.842      | 2844          | 2851        | 2859         | rBV      | 2296791        | 2919013       | 100.00%         | 23.930%       |
| 30        | 21.129      | 3065          | 3070        | 3084         | rBV      | 221777         | 336878        | 11.54%          | 2.762%        |
| 31        | 21.452      | 3119          | 3125        | 3132         | rBV      | 404772         | 636816        | 21.82%          | 5.221%        |
| 32        | 24.461      | 3628          | 3637        | 3649         | rBV      | 252249         | 679889        | 23.29%          | 5.574%        |
| 33        | 25.665      | 3837          | 3842        | 3843         | rBV5     | 29166          | 37831         | 1.30%           | 0.310%        |

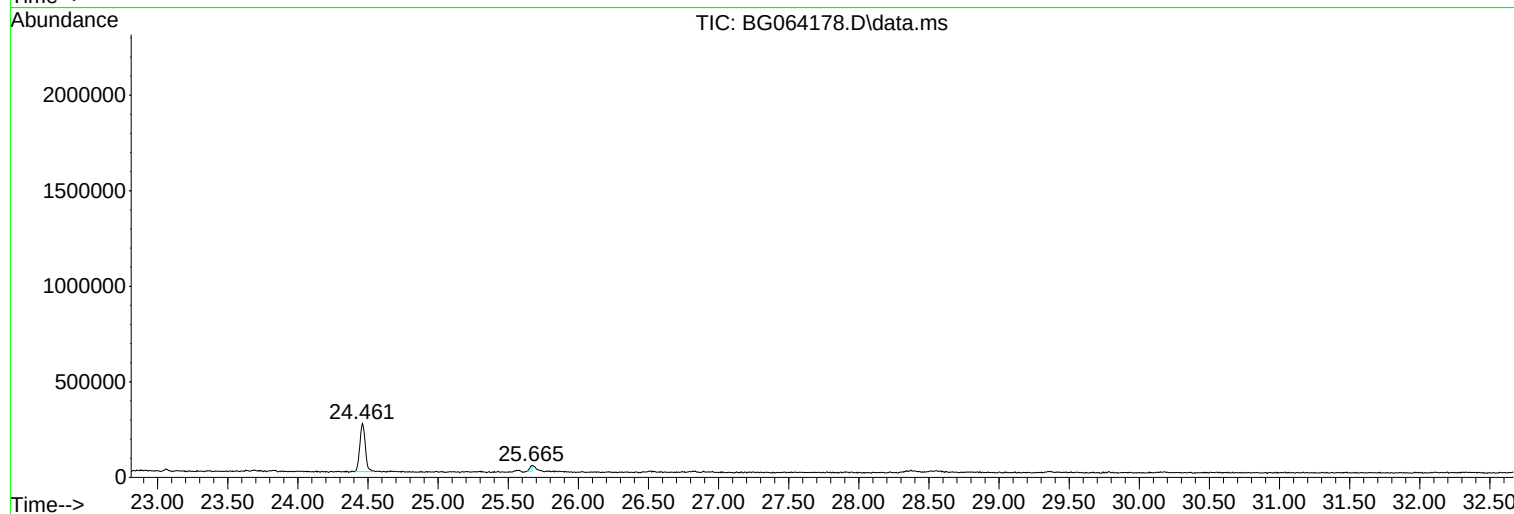
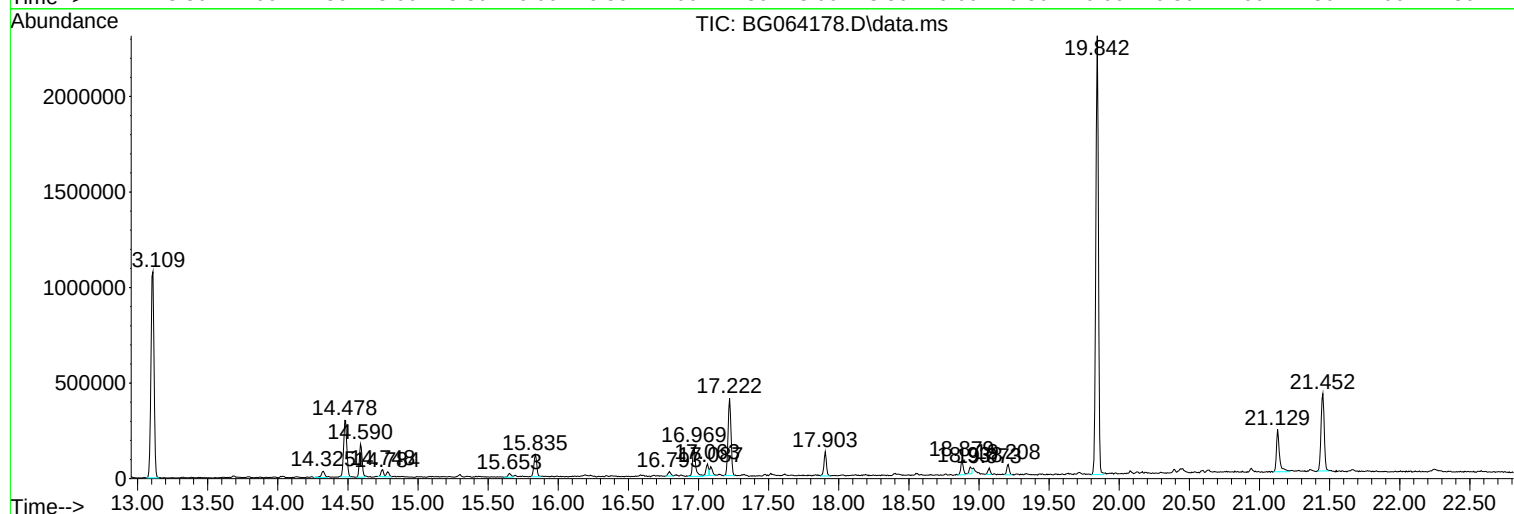
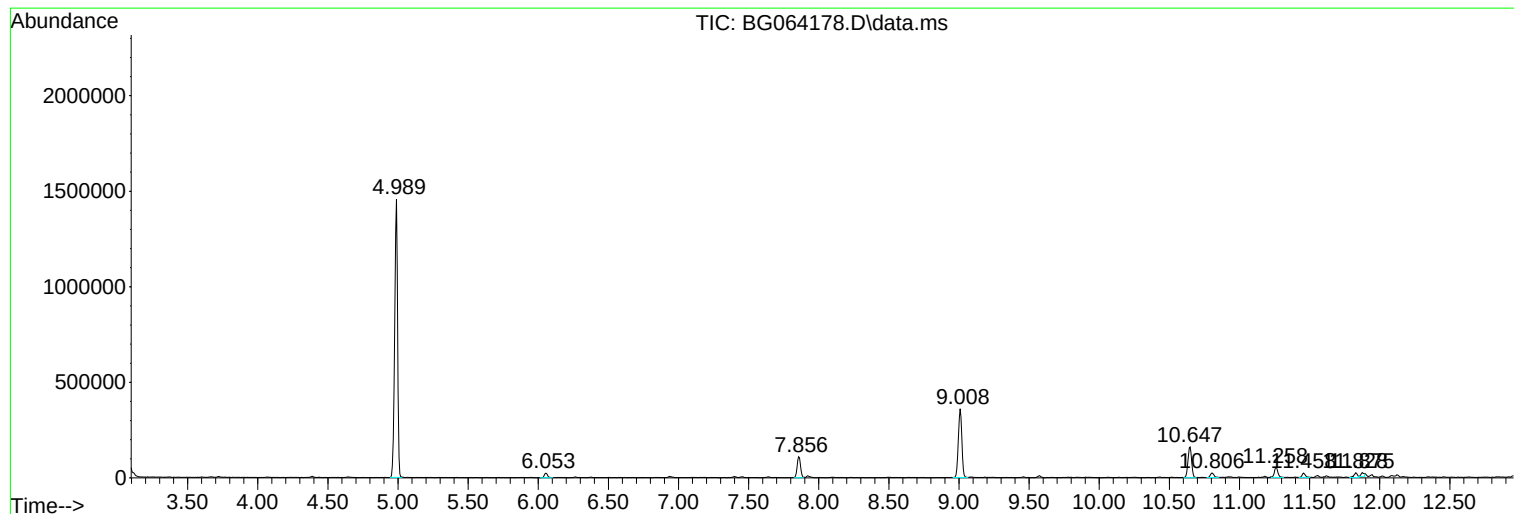
Sum of corrected areas: 12198275

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040325\  
Data File : BG064178.D  
Acq On : 3 Apr 2025 22:40  
Operator : RC/JU  
Sample : Q1690-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
MW112010

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040325\  
Data File : BG064178.D  
Acq On : 3 Apr 2025 22:40  
Operator : RC/JU  
Sample : Q1690-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
MW112010

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

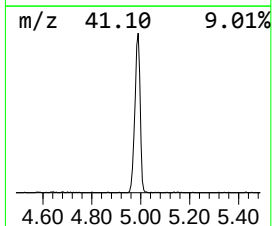
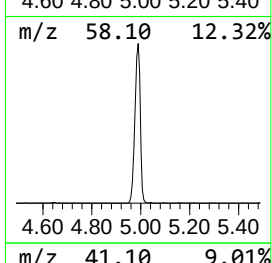
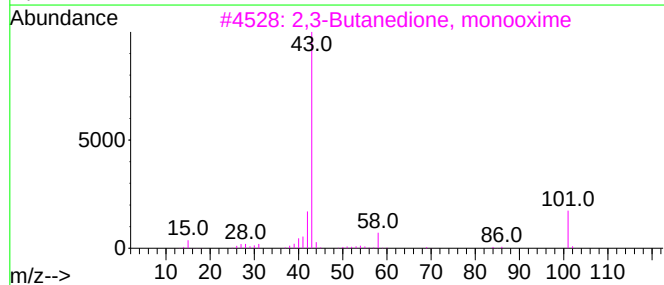
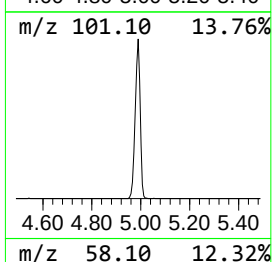
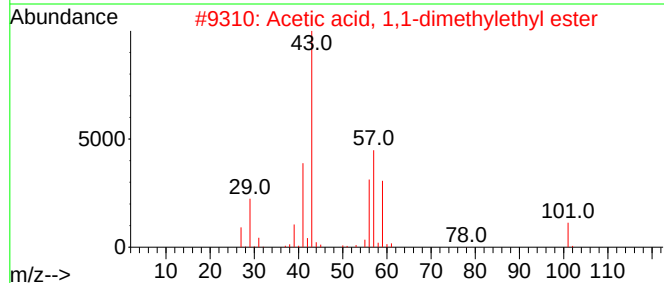
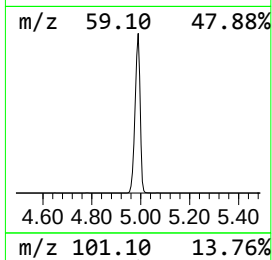
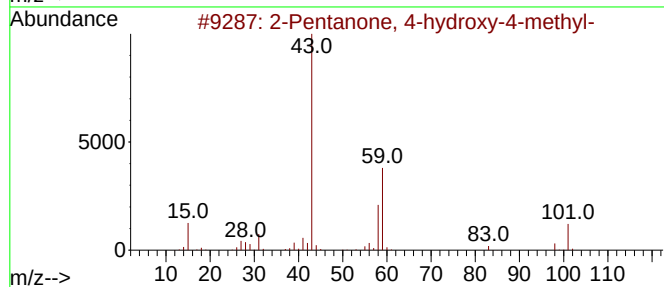
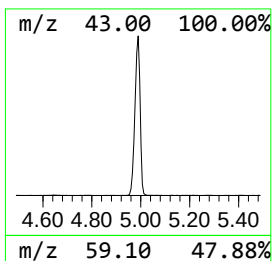
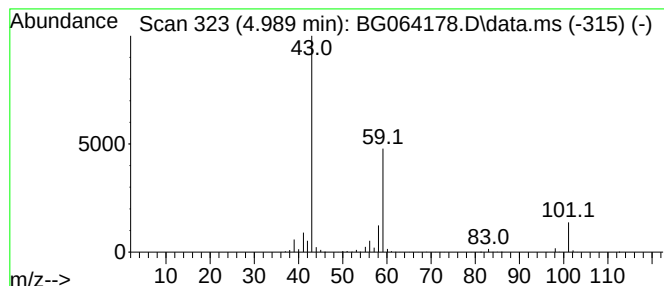
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

| R.T.  | EstConc   | Area    | Relative to ISTD       | R.T.  |
|-------|-----------|---------|------------------------|-------|
| 4.989 | 233.73 ng | 2126730 | 1,4-Dichlorobenzene-d4 | 7.856 |

| Hit# | of 5                                | Tentative ID | MW      | MolForm     | CAS# | Qual |
|------|-------------------------------------|--------------|---------|-------------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl-    | 116          | C6H12O2 | 000123-42-2 | 50   |      |
| 2    | Acetic acid, 1,1-dimethylethyl e... | 116          | C6H12O2 | 000540-88-5 | 28   |      |
| 3    | 2,3-Butanedione, monooxime          | 101          | C4H7NO2 | 000057-71-6 | 27   |      |
| 4    | 1-Propen-2-ol, acetate              | 100          | C5H8O2  | 000108-22-5 | 12   |      |
| 5    | Diacetamide                         | 101          | C4H7NO2 | 000625-77-4 | 9    |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040325\  
Data File : BG064178.D  
Acq On : 3 Apr 2025 22:40  
Operator : RC/JU  
Sample : Q1690-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
MW112010

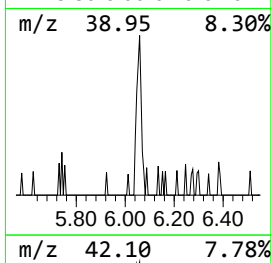
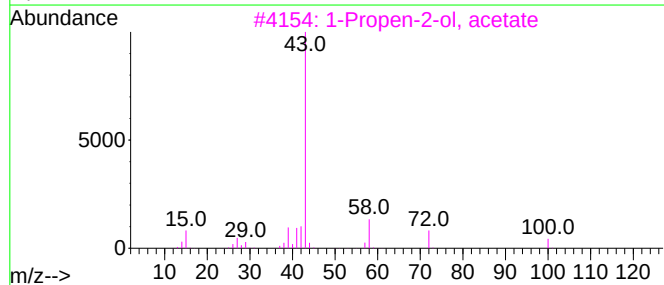
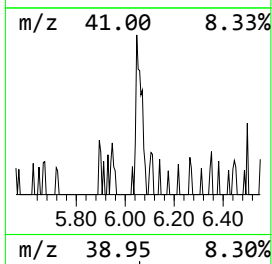
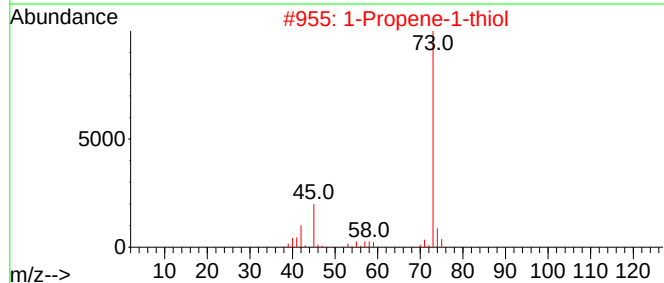
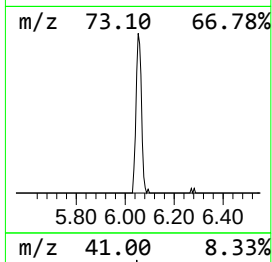
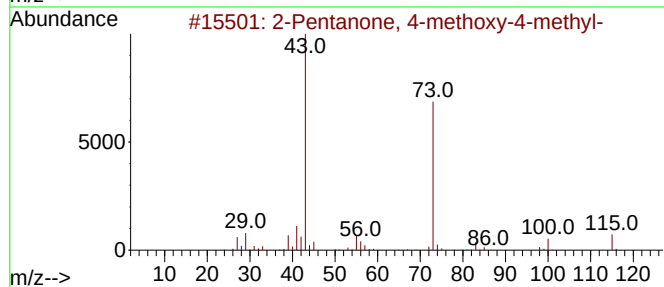
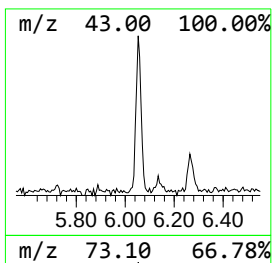
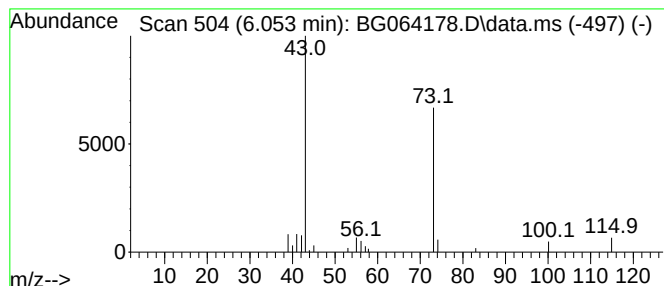
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 2-Pentanone, 4-methoxy-4-me... Concentration Rank 8

| R.T.  | EstConc | Area  | Relative to ISTD       | R.T.  |
|-------|---------|-------|------------------------|-------|
| 6.053 | 4.02 ng | 36568 | 1,4-Dichlorobenzene-d4 | 7.856 |

| Hit# | of 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|------|----------------------------------|-----|---------|-------------|------|
| 1    |      | 2-Pentanone, 4-methoxy-4-methyl- | 130 | C7H14O2 | 000107-70-0 | 72   |
| 2    |      | 1-Propene-1-thiol                | 74  | C3H6S   | 000925-89-3 | 10   |
| 3    |      | 1-Propen-2-ol, acetate           | 100 | C5H8O2  | 000108-22-5 | 9    |
| 4    |      | 1-Methoxyethanimine, N-acetyl-   | 115 | C5H9NO2 | 099028-43-0 | 7    |
| 5    |      | N-Formylmorpholine               | 115 | C5H9NO2 | 004394-85-8 | 7    |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040325\  
Data File : BG064178.D  
Acq On : 3 Apr 2025 22:40  
Operator : RC/JU  
Sample : Q1690-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
MW112010

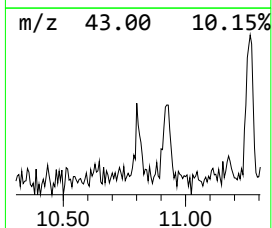
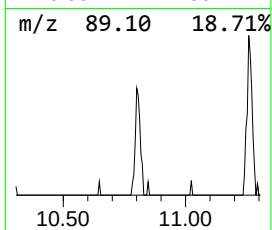
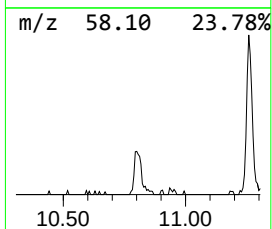
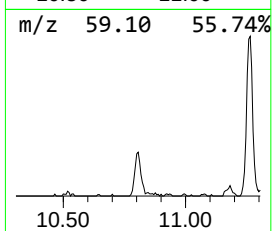
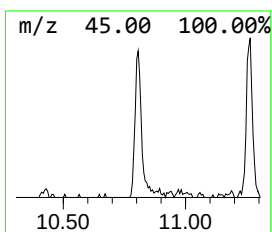
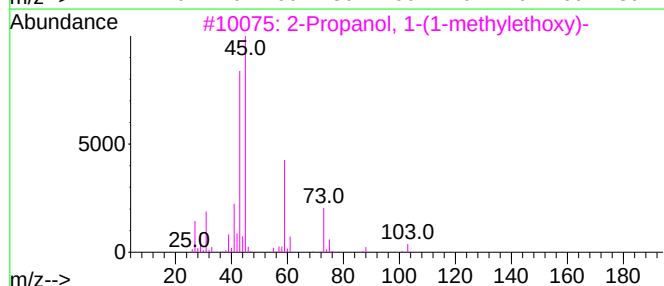
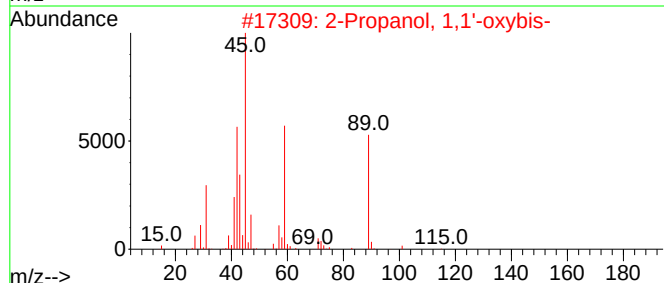
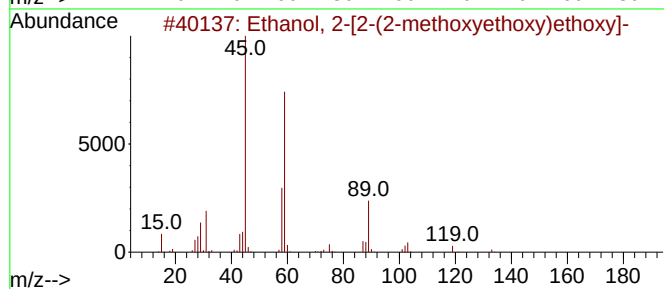
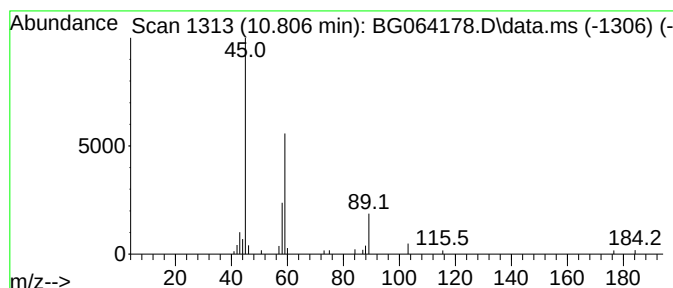
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Ethanol, 2-[2-(2-methoxyeth... Concentration Rank 10

| R.T.      | EstConc                             | Area  | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|-------|------------------|-------------|------|
| 10.806    | 3.06 ng                             | 44291 | Naphthalene-d8   | 10.647      |      |
| Hit# of 5 | Tentative ID                        | MW    | MolForm          | CAS#        | Qual |
| 1         | Ethanol, 2-[2-(2-methoxyethoxy)e... | 164   | C7H16O4          | 000112-35-6 | 74   |
| 2         | 2-Propanol, 1,1'-oxybis-            | 134   | C6H14O3          | 000110-98-5 | 59   |
| 3         | 2-Propanol, 1-(1-methylethoxy)-     | 118   | C6H14O2          | 003944-36-3 | 59   |
| 4         | Ethanol, 2-(2-methoxyethoxy)-       | 120   | C5H12O3          | 000111-77-3 | 56   |
| 5         | Tetraethyleneglycol monomethylether | 208   | C9H20O5          | 023783-42-8 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040325\  
Data File : BG064178.D  
Acq On : 3 Apr 2025 22:40  
Operator : RC/JU  
Sample : Q1690-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
MW112010

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

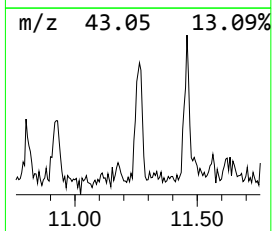
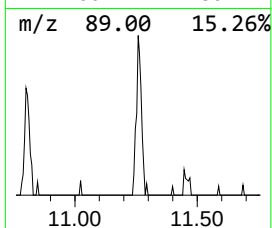
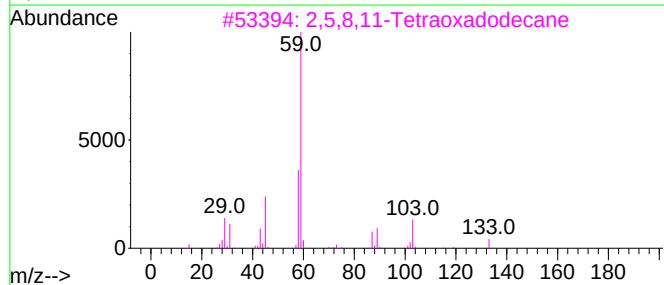
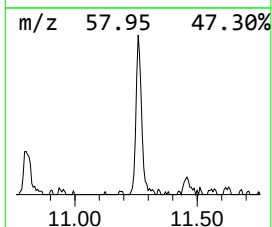
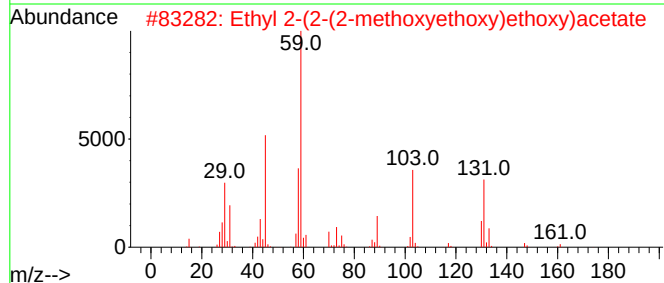
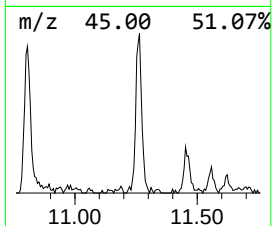
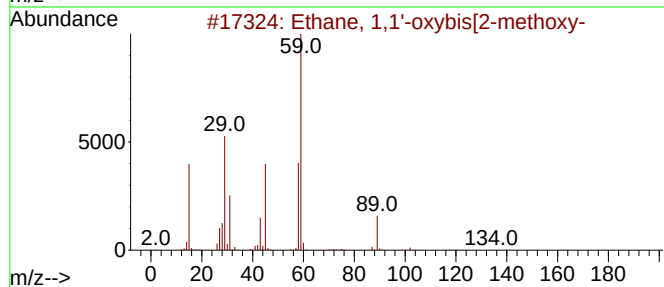
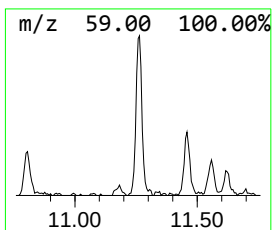
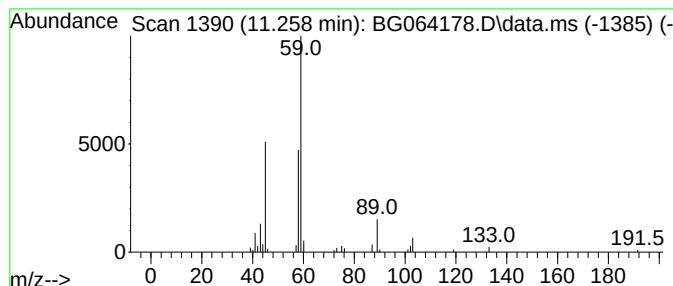
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 Ethane, 1,1'-oxybis[2-methoxy- Concentration Rank 6

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 11.258 | 6.43 ng | 92979 | Naphthalene-d8   | 10.647 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Ethane, 1,1'-oxybis[2-methoxy-      | 134 | C6H14O3 | 000111-96-6  | 78   |
| 2    |    |   | Ethyl 2-(2-(2-methoxyethoxy)etho... | 206 | C9H18O5 | 1000366-89-0 | 74   |
| 3    |    |   | 2,5,8,11-Tetraoxadodecane           | 178 | C8H18O4 | 000112-49-2  | 64   |
| 4    |    |   | 1-Propanol, 3,3'-oxybis-            | 134 | C6H14O3 | 002396-61-4  | 50   |
| 5    |    |   | Ethanol, 2-ethoxy-                  | 90  | C4H10O2 | 000110-80-5  | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040325\  
Data File : BG064178.D  
Acq On : 3 Apr 2025 22:40  
Operator : RC/JU  
Sample : Q1690-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
MW112010

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

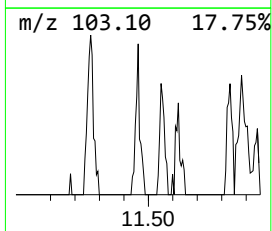
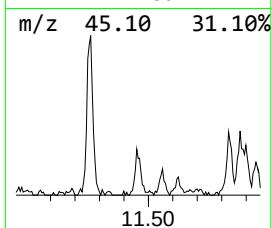
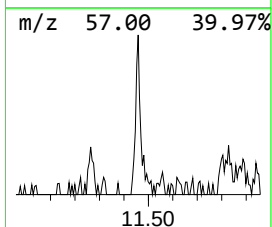
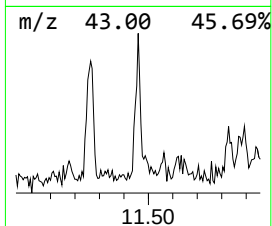
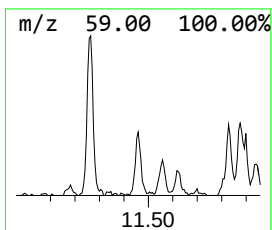
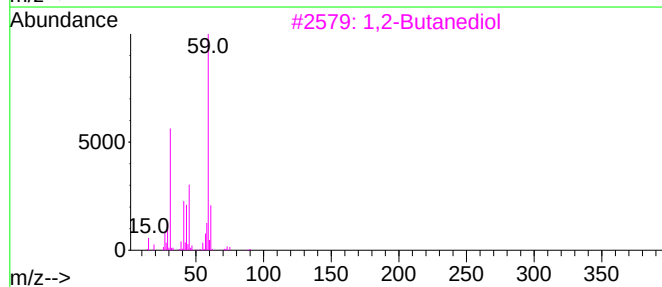
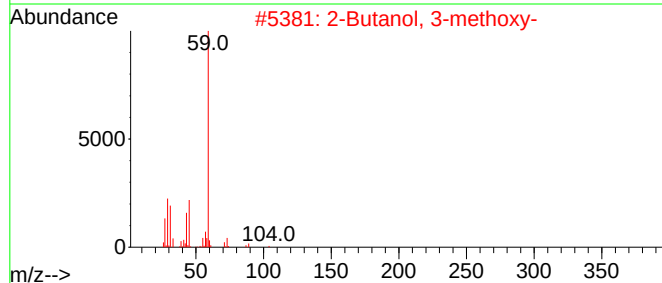
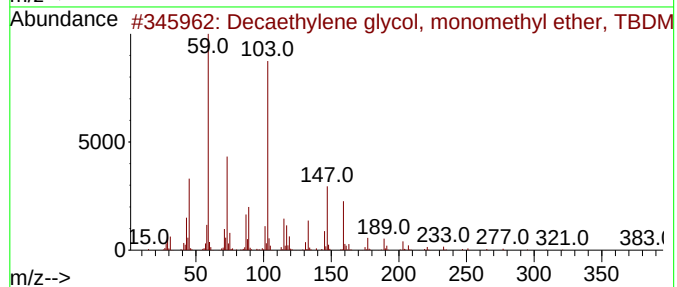
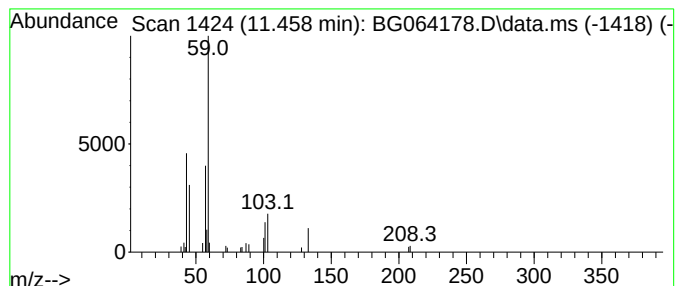
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 Decaethylene glycol, monome... Concentration Rank 13

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 11.458 | 2.59 ng | 37481 | Naphthalene-d8   | 10.647 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Decaethylene glycol, monomethyl ... | 586 | C27H58O11Si | 1000352-12-0 | 50   |
| 2    |    |   | 2-Butanol, 3-methoxy-               | 104 | C5H12O2     | 053778-72-6  | 40   |
| 3    |    |   | 1,2-Butanediol                      | 90  | C4H10O2     | 000584-03-2  | 40   |
| 4    |    |   | 2-Hexanone, 3-hydroxy-3,5-dimethyl- | 144 | C8H16O2     | 006321-14-8  | 40   |
| 5    |    |   | Carbonic acid, 2-methoxyethyl 3,... | 232 | C10H10F2O4  | 1000357-86-6 | 39   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040325\  
Data File : BG064178.D  
Acq On : 3 Apr 2025 22:40  
Operator : RC/JU  
Sample : Q1690-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
MW112010

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

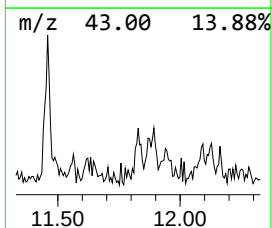
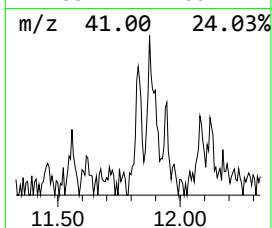
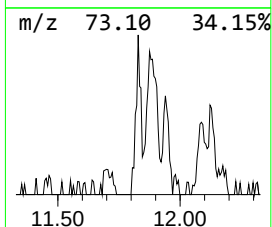
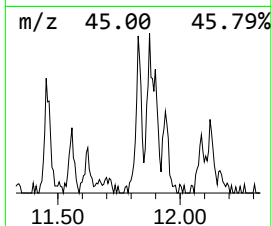
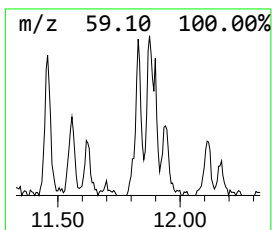
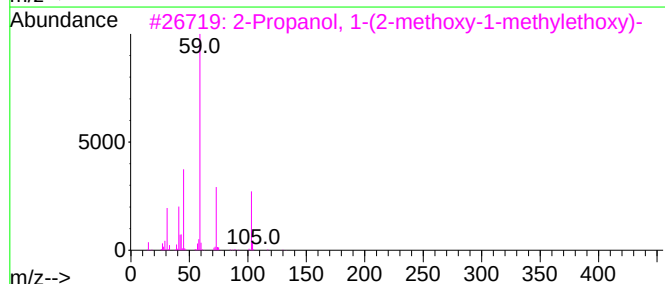
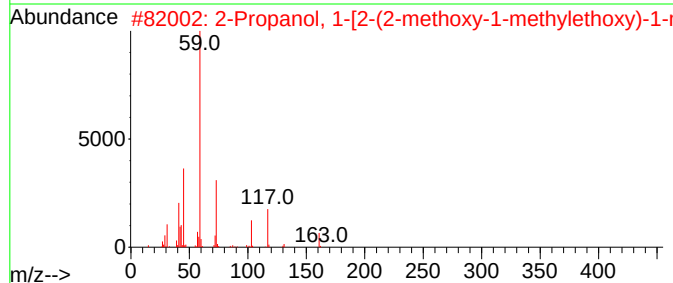
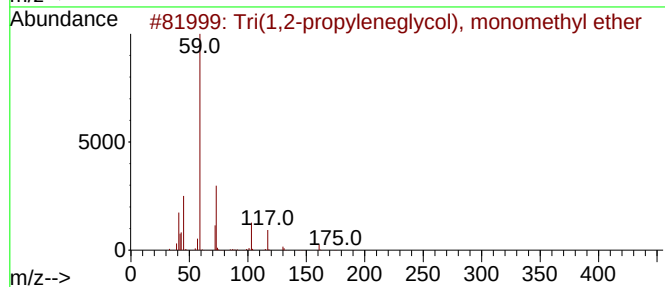
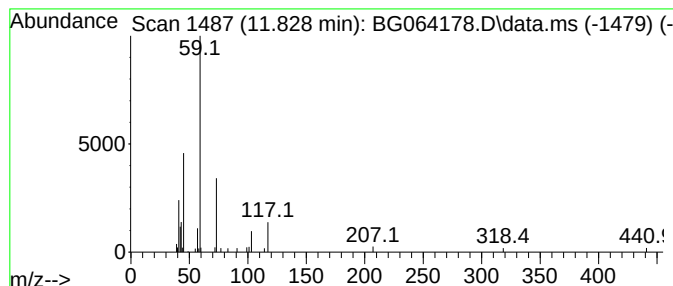
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Peak Number 6 Tri(1,2-propyleneglycol), m... Concentration Rank 11

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 11.828 | 3.04 ng | 44022 | Naphthalene-d8   | 10.647 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|------|-------------------------------------|-----|----------|--------------|------|
| 1    |      | Tri(1,2-propyleneglycol), monome... | 206 | C10H22O4 | 1000262-26-6 | 83   |
| 2    |      | 2-Propanol, 1-[2-(2-methoxy-1-me... | 206 | C10H22O4 | 020324-33-8  | 74   |
| 3    |      | 2-Propanol, 1-(2-methoxy-1-methy... | 148 | C7H16O3  | 020324-32-7  | 56   |
| 4    |      | 2-Propanol, 1-[1-methyl-2-(2-pro... | 174 | C9H18O3  | 055956-25-7  | 42   |
| 5    |      | Butanamide, 3-methyl-               | 101 | C5H11NO  | 000541-46-8  | 32   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040325\  
Data File : BG064178.D  
Acq On : 3 Apr 2025 22:40  
Operator : RC/JU  
Sample : Q1690-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
MW112010

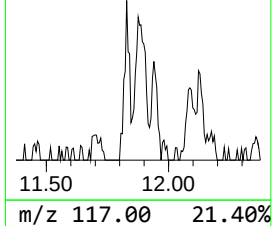
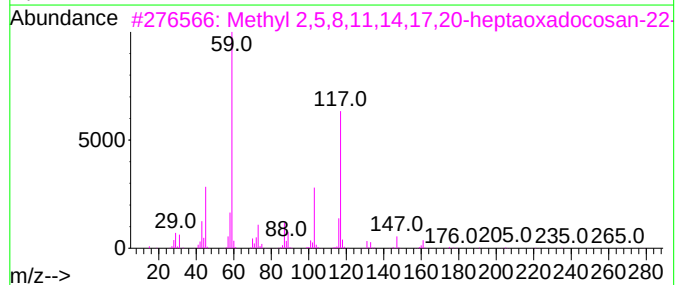
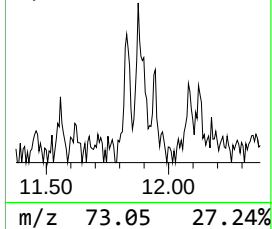
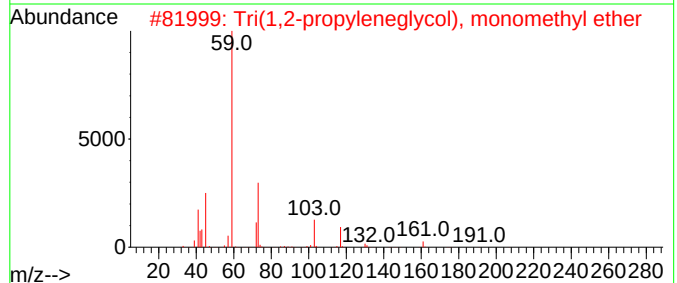
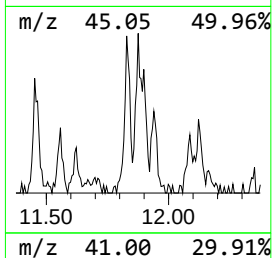
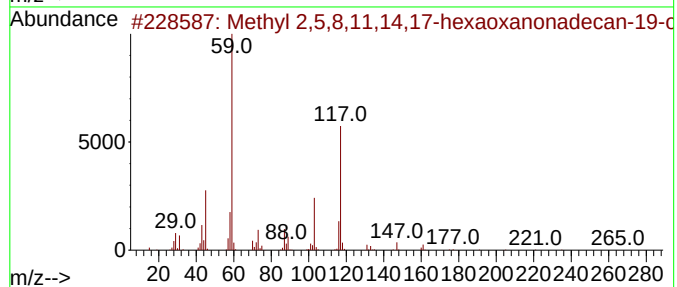
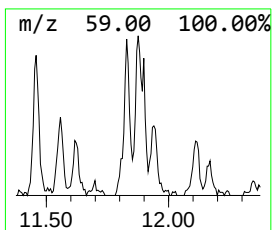
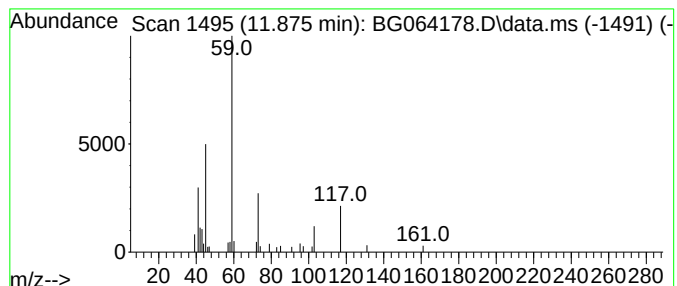
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Methyl 2,5,8,11,14,17-hexao... Concentration Rank 17

| R.T.      | EstConc                             | Area  | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|-------|------------------|--------------|------|
| 11.875    | 2.17 ng                             | 31439 | Naphthalene-d8   | 10.647       |      |
| Hit# of 5 | Tentative ID                        | MW    | MolForm          | CAS#         | Qual |
| 1         | Methyl 2,5,8,11,14,17-hexaoxon...   | 324   | C14H28O8         | 1000366-81-4 | 72   |
| 2         | Tri(1,2-propyleneglycol), monome... | 206   | C10H22O4         | 1000262-26-6 | 72   |
| 3         | Methyl 2,5,8,11,14,17,20-heptaox... | 368   | C16H32O9         | 1010366-81-3 | 72   |
| 4         | Ethane, 1-ethoxy-1-methoxy-         | 104   | C5H12O2          | 010471-14-4  | 59   |
| 5         | 2-Propanol, 1-[2-(2-methoxy-1-me... | 206   | C10H22O4         | 020324-33-8  | 56   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040325\  
Data File : BG064178.D  
Acq On : 3 Apr 2025 22:40  
Operator : RC/JU  
Sample : Q1690-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
MW112010

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

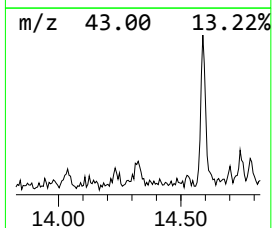
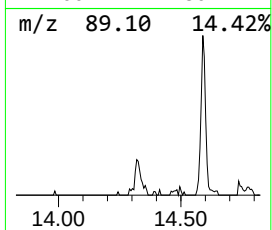
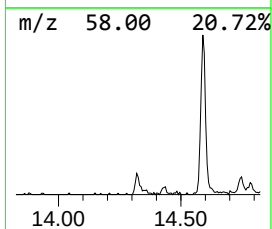
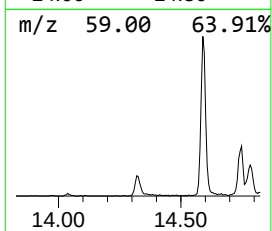
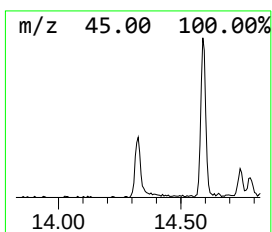
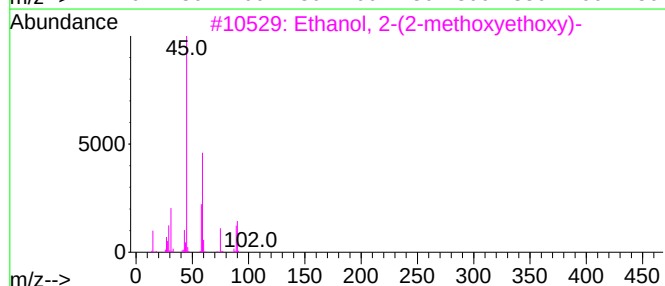
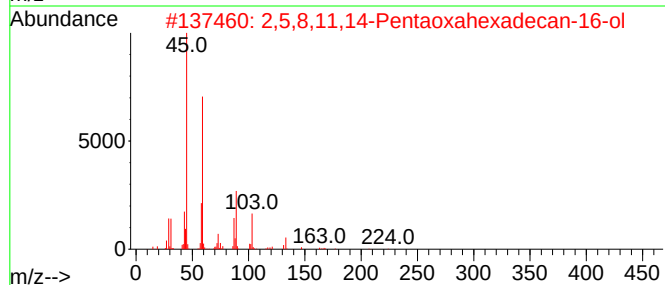
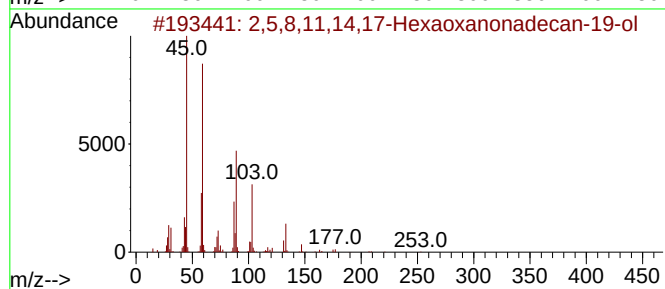
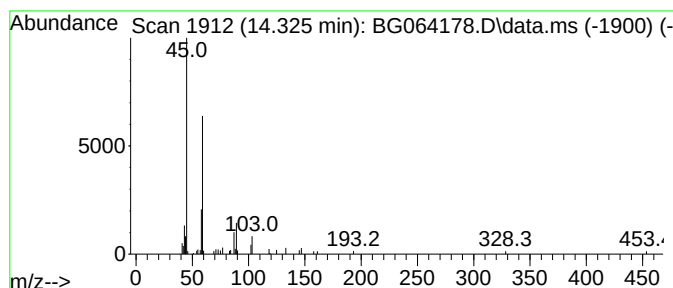
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TIC Integration Parameters: LSCINT.P

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Peak Number 8 2,5,8,11,14,17-Hexaoxonad... Concentration Rank 12

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 14.325 | 2.65 ng | 61930 | Acenaphthene-d10 | 14.484 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2,5,8,11,14,17-Hexaoxonadecan-...   | 296 | C13H28O7     | 023601-40-3 | 50      |      |      |
| 2    | 2,5,8,11,14-Pentaoxahexadecan-16-ol | 252 | C11H24O6     | 023778-52-1 | 40      |      |      |
| 3    | Ethanol, 2-(2-methoxyethoxy)-       | 120 | C5H12O3      | 000111-77-3 | 40      |      |      |
| 4    | 2-(2-(2-(2-(2-Methoxyethoxy)etho... | 266 | C11H22O7     | 016024-66-1 | 40      |      |      |
| 5    | Ethene, (2-methoxyethoxy)-          | 102 | C5H10O2      | 001663-35-0 | 38      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040325\  
Data File : BG064178.D  
Acq On : 3 Apr 2025 22:40  
Operator : RC/JU  
Sample : Q1690-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
MW112010

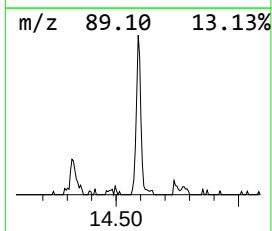
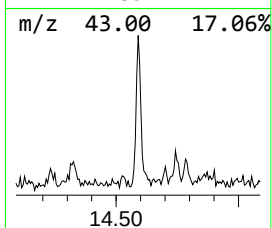
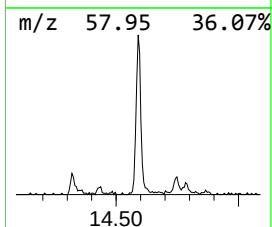
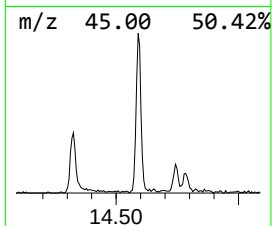
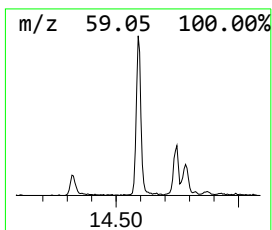
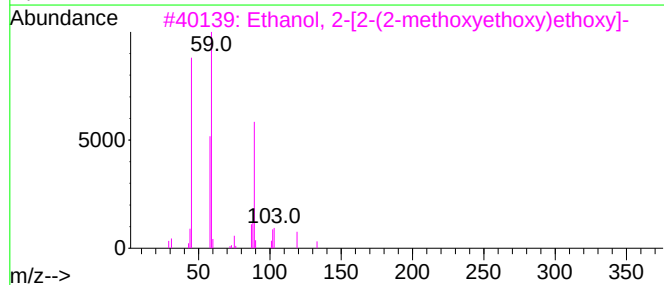
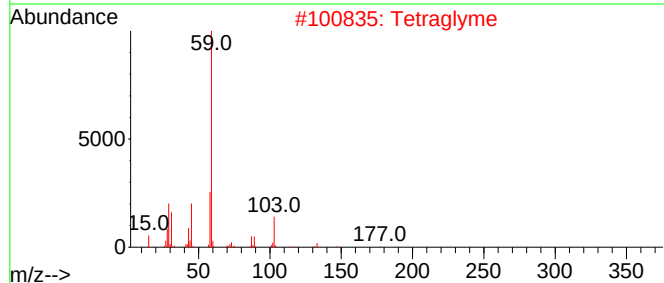
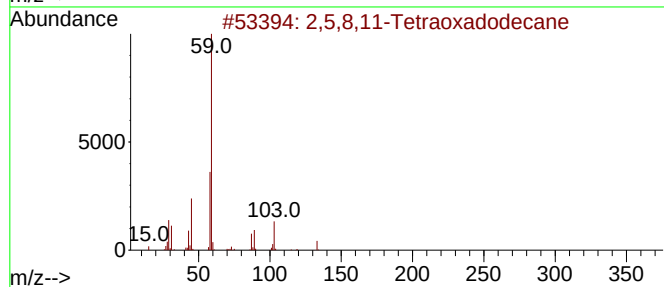
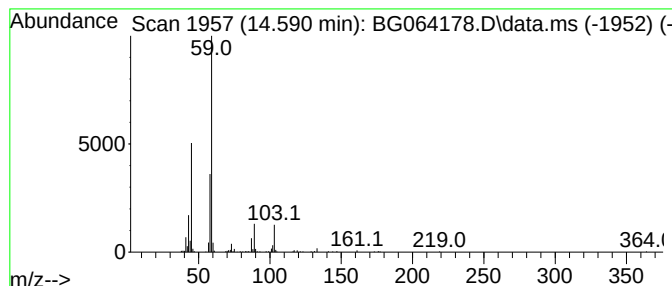
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 2,5,8,11-Tetraoxadodecane Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 14.590 | 9.97 ng | 232901 | Acenaphthene-d10 | 14.484 |

| Hit# | of                                  | 5 | Tentative ID | MW  | MolForm  | CAS#        | Qual |
|------|-------------------------------------|---|--------------|-----|----------|-------------|------|
| 1    | 2,5,8,11-Tetraoxadodecane           |   |              | 178 | C8H18O4  | 000112-49-2 | 72   |
| 2    | Tetraglyme                          |   |              | 222 | C10H22O5 | 000143-24-8 | 64   |
| 3    | Ethanol, 2-[2-(2-methoxyethoxy)e... |   |              | 164 | C7H16O4  | 000112-35-6 | 64   |
| 4    | Hexaethylene glycol dimethyl ether  |   |              | 310 | C14H30O7 | 001072-40-8 | 64   |
| 5    | 2-Butanol, 1-methoxy-               |   |              | 104 | C5H12O2  | 053778-73-7 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040325\  
Data File : BG064178.D  
Acq On : 3 Apr 2025 22:40  
Operator : RC/JU  
Sample : Q1690-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
MW112010

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

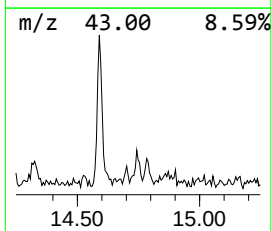
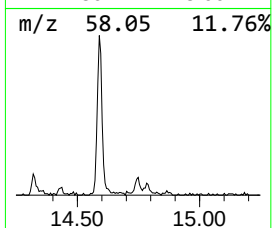
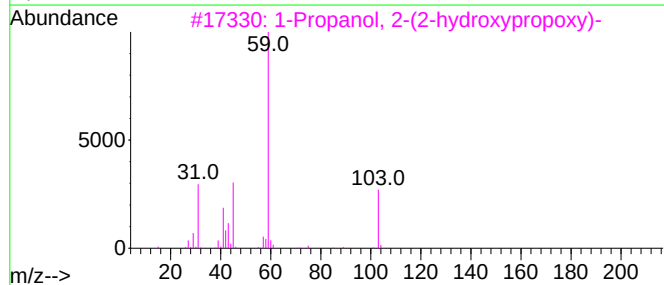
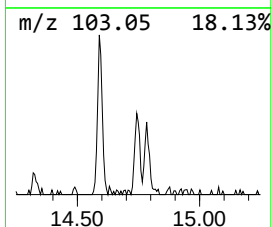
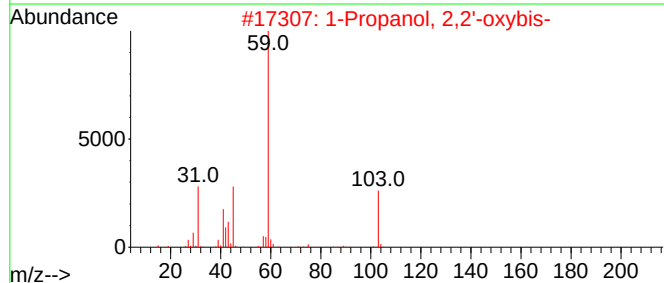
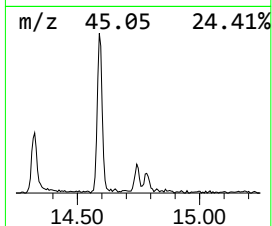
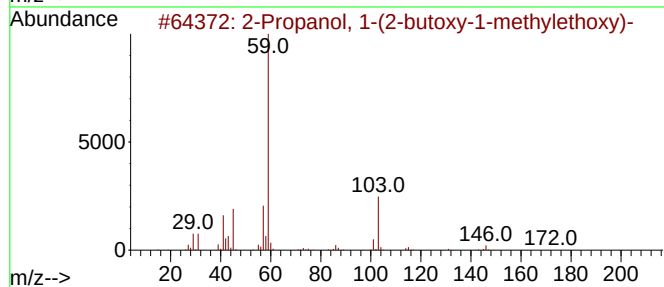
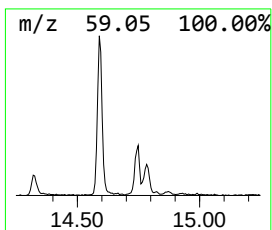
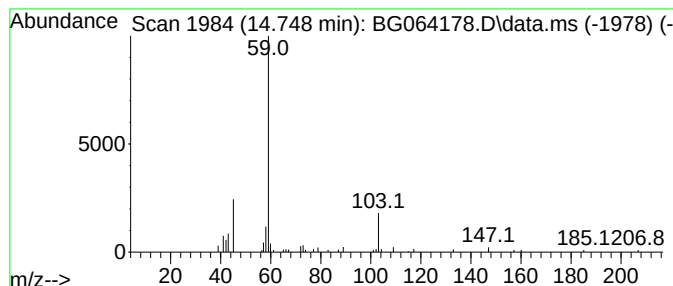
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TIC Integration Parameters: LSCINT.P

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Peak Number 10 2-Propanol, 1-(2-butoxy-1-m... Concentration Rank 16

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 14.748 | 2.20 ng | 51313 | Acenaphthene-d10 | 14.484 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|------|-------------------------------------|-----|----------|-------------|------|
| 1    |      | 2-Propanol, 1-(2-butoxy-1-methyl... | 190 | C10H22O3 | 029911-28-2 | 78   |
| 2    |      | 1-Propanol, 2,2'-oxybis-            | 134 | C6H14O3  | 000108-61-2 | 72   |
| 3    |      | 1-Propanol, 2-(2-hydroxypropoxy)-   | 134 | C6H14O3  | 000106-62-7 | 72   |
| 4    |      | Methane, diethoxy-                  | 104 | C5H12O2  | 000462-95-3 | 72   |
| 5    |      | Propane, 1,2-dimethoxy-             | 104 | C5H12O2  | 007778-85-0 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040325\  
Data File : BG064178.D  
Acq On : 3 Apr 2025 22:40  
Operator : RC/JU  
Sample : Q1690-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
MW112010

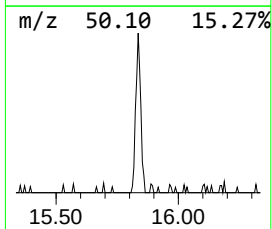
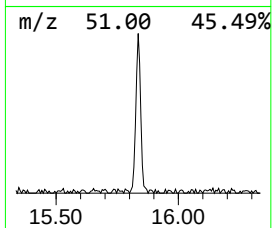
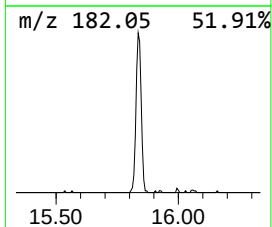
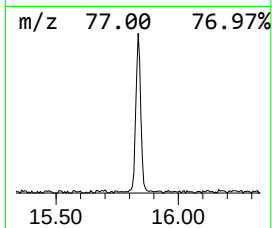
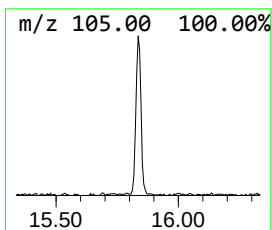
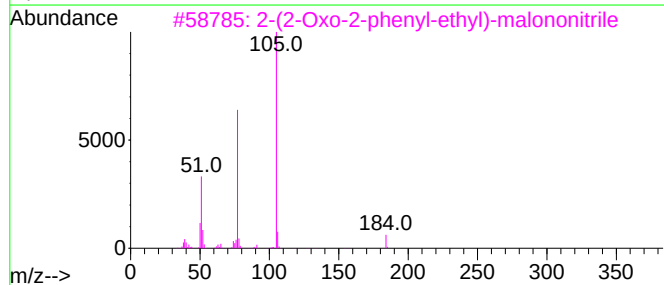
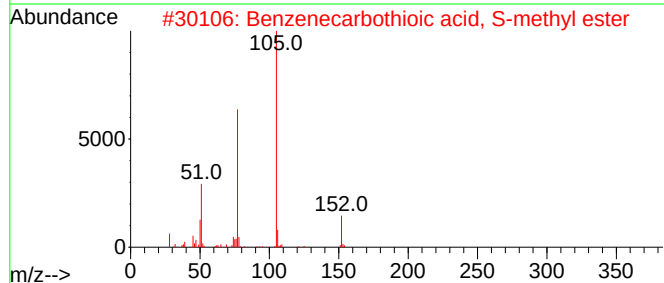
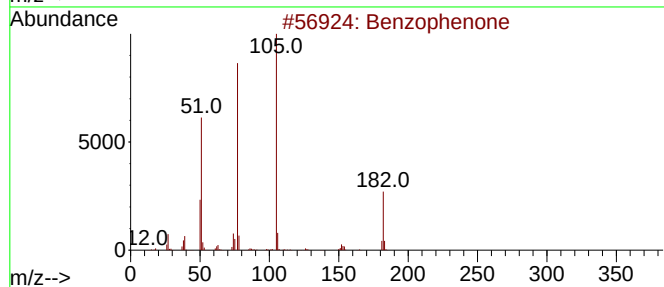
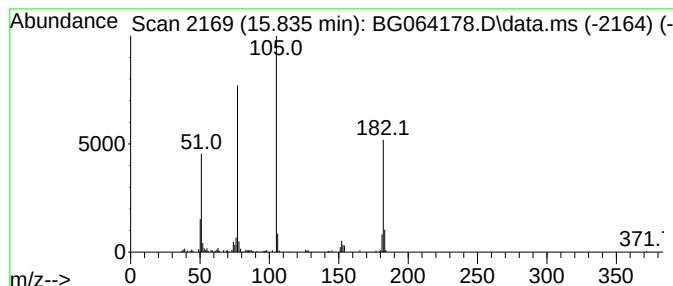
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 Benzophenone Concentration Rank 5

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 15.835 | 7.26 ng | 169523 | Acenaphthene-d10 | 14.484 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O  | 000119-61-9  | 97   |
| 2    |    |   | Benzenecarbothioic acid, S-methy... | 152 | C8H8OS   | 005925-68-8  | 76   |
| 3    |    |   | 2-(2-Oxo-2-phenyl-ethyl)-malonon... | 184 | C11H8N2O | 1000296-76-9 | 70   |
| 4    |    |   | Phenyl 4-pyridyl ketone             | 183 | C12H9NO  | 014548-46-0  | 68   |
| 5    |    |   | Benzenepropanenitrile, .beta.-oxo-  | 145 | C9H7NO   | 000614-16-4  | 58   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040325\  
Data File : BG064178.D  
Acq On : 3 Apr 2025 22:40  
Operator : RC/JU  
Sample : Q1690-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
MW112010

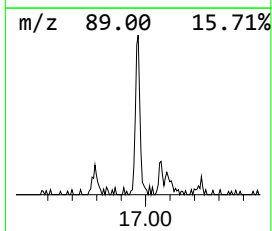
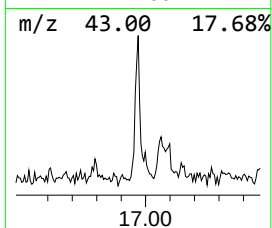
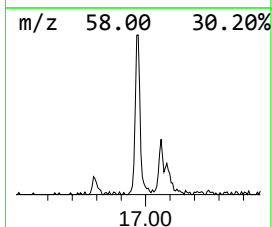
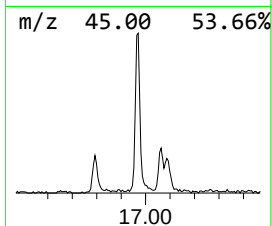
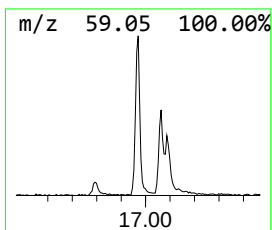
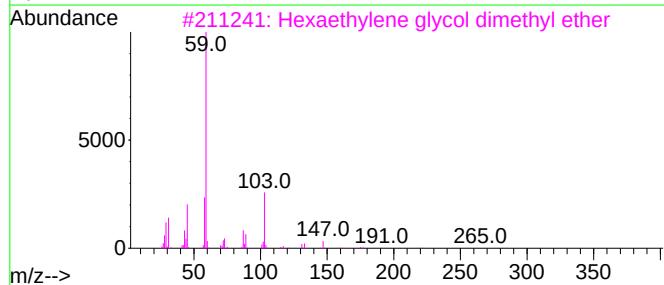
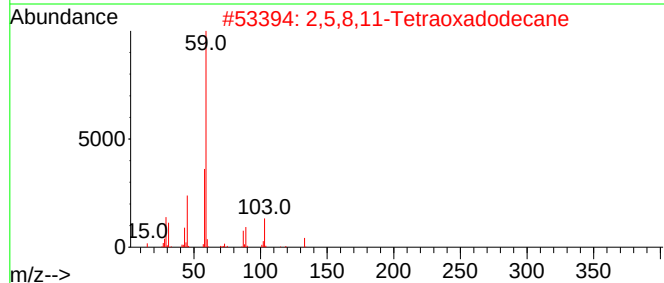
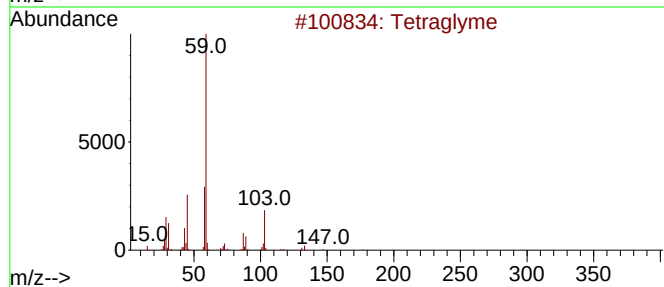
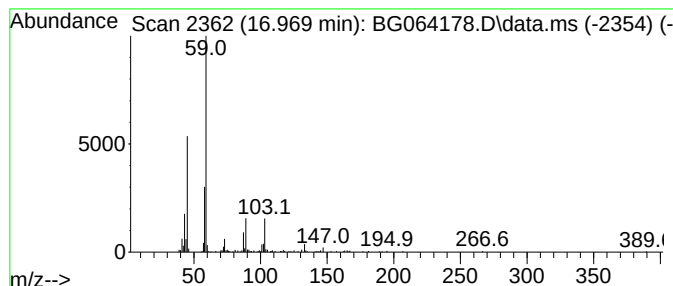
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 12 Tetraglyme Concentration Rank 4

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 16.969 | 7.82 ng | 231961 | Phenanthrene-d10 | 17.222 |

| Hit# | of 5 | Tentative ID                       | MW  | MolForm  | CAS#        | Qual |
|------|------|------------------------------------|-----|----------|-------------|------|
| 1    |      | Tetraglyme                         | 222 | C10H22O5 | 000143-24-8 | 72   |
| 2    |      | 2,5,8,11-Tetraoxadodecane          | 178 | C8H18O4  | 000112-49-2 | 72   |
| 3    |      | Hexaethylene glycol dimethyl ether | 310 | C14H30O7 | 001072-40-8 | 64   |
| 4    |      | Ethanol, 2-ethoxy-                 | 90  | C4H10O2  | 000110-80-5 | 50   |
| 5    |      | 2-Butanol, 1-methoxy-              | 104 | C5H12O2  | 053778-73-7 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040325\  
Data File : BG064178.D  
Acq On : 3 Apr 2025 22:40  
Operator : RC/JU  
Sample : Q1690-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
MW112010

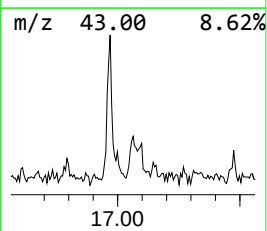
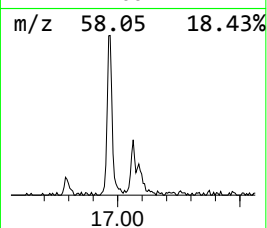
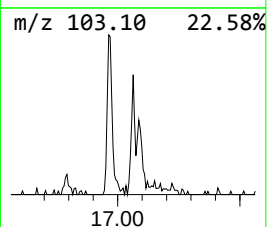
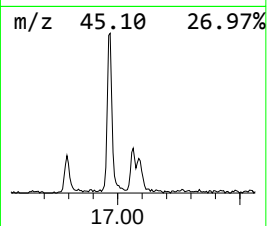
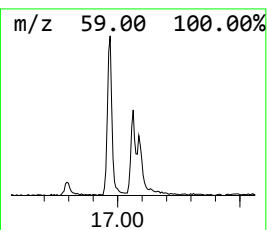
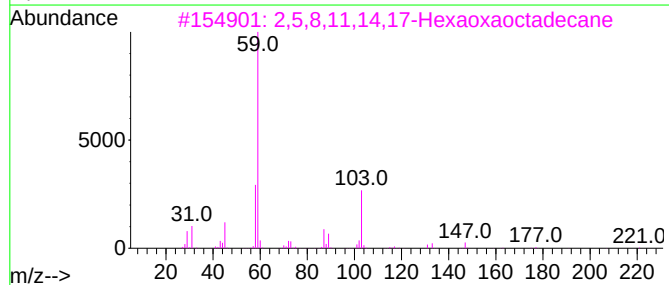
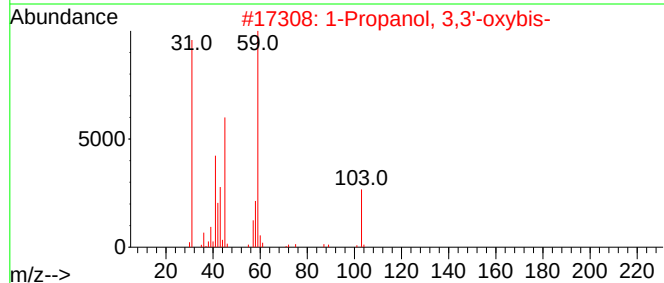
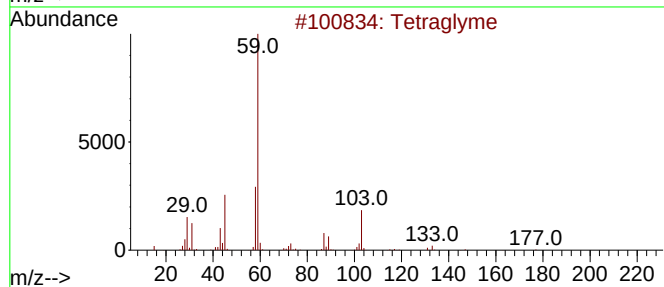
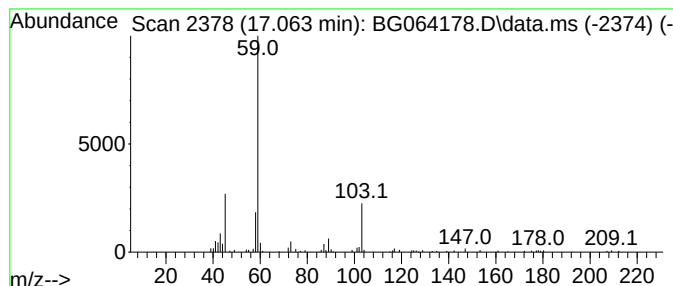
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 13 1-Propanol, 3,3'-oxybis- Concentration Rank 14

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 17.063 | 2.59 ng | 76663 | Phenanthrene-d10 | 17.222 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Tetraglyme                          | 222 | C10H22O5 | 000143-24-8 | 72   |
| 2    |    |   | 1-Propanol, 3,3'-oxybis-            | 134 | C6H14O3  | 002396-61-4 | 64   |
| 3    |    |   | 2,5,8,11,14,17-Hexaoxaoctadecane    | 266 | C12H26O6 | 001191-87-3 | 64   |
| 4    |    |   | 2-Propanol, 1-(2-methoxy-1-methy... | 148 | C7H16O3  | 020324-32-7 | 64   |
| 5    |    |   | Bis(2-methoxyethoxy)methane         | 164 | C7H16O4  | 004431-83-8 | 59   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040325\  
Data File : BG064178.D  
Acq On : 3 Apr 2025 22:40  
Operator : RC/JU  
Sample : Q1690-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
MW112010

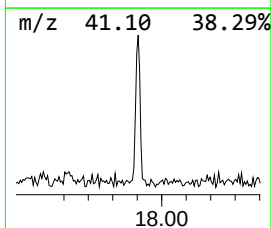
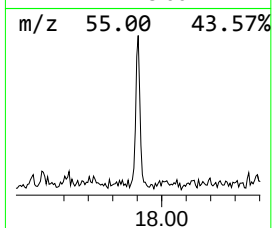
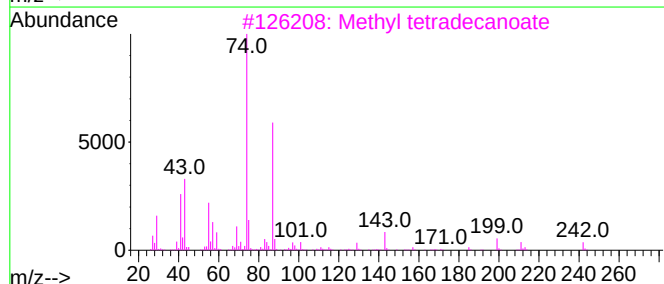
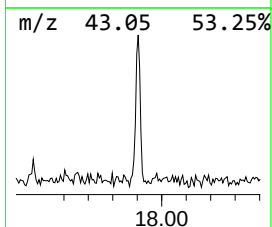
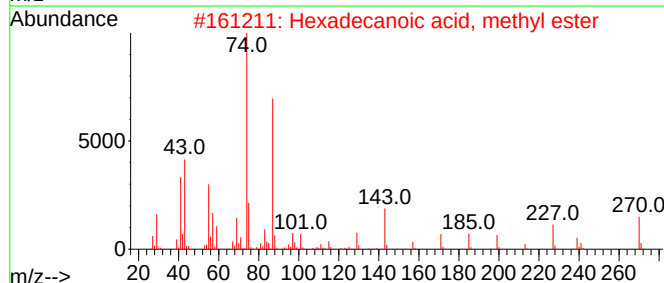
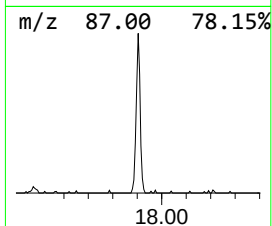
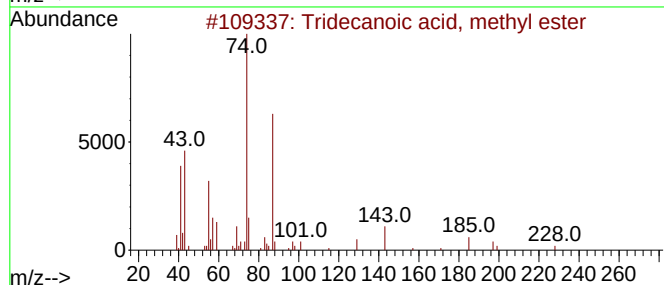
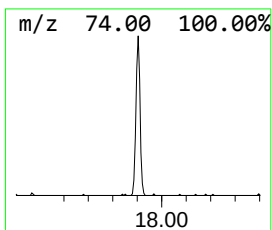
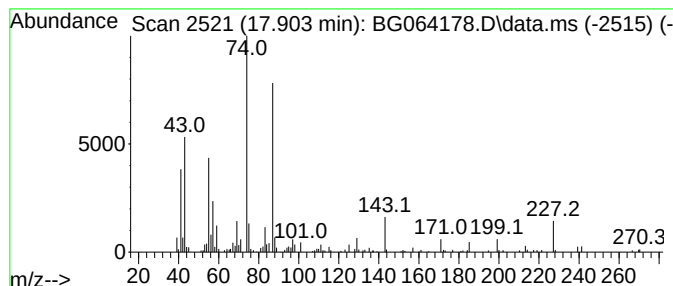
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 14 Tridecanoic acid, methyl ester Concentration Rank 7

| R.T.      | EstConc                          | Area   | Relative to ISTD | R.T.        |      |
|-----------|----------------------------------|--------|------------------|-------------|------|
| 17.904    | 5.30 ng                          | 157202 | Phenanthrene-d10 | 17.222      |      |
| Hit# of 5 | Tentative ID                     | MW     | MolForm          | CAS#        | Qual |
| 1         | Tridecanoic acid, methyl ester   | 228    | C14H28O2         | 001731-88-0 | 93   |
| 2         | Hexadecanoic acid, methyl ester  | 270    | C17H34O2         | 000112-39-0 | 90   |
| 3         | Methyl tetradecanoate            | 242    | C15H30O2         | 000124-10-7 | 86   |
| 4         | Dodecanoic acid, methyl ester    | 214    | C13H26O2         | 000111-82-0 | 86   |
| 5         | Pentadecanoic acid, methyl ester | 256    | C16H32O2         | 007132-64-1 | 78   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040325\  
Data File : BG064178.D  
Acq On : 3 Apr 2025 22:40  
Operator : RC/JU  
Sample : Q1690-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
MW112010

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
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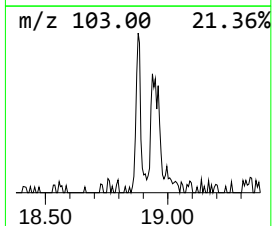
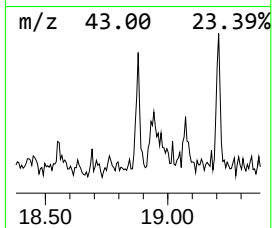
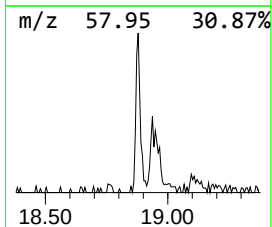
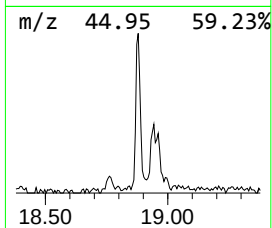
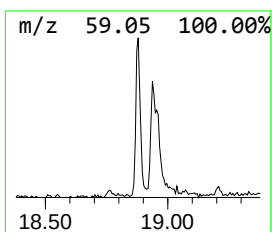
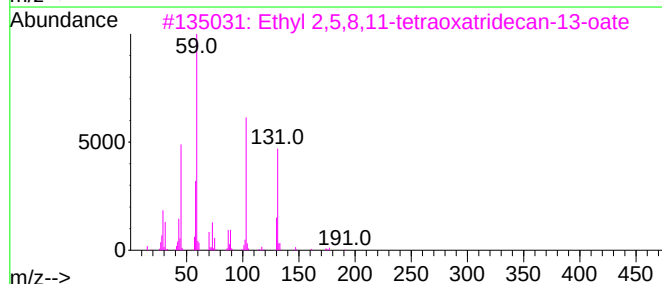
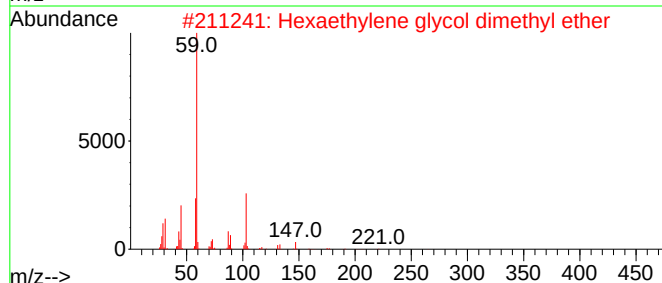
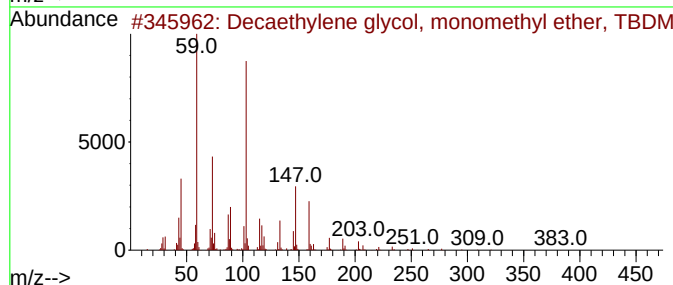
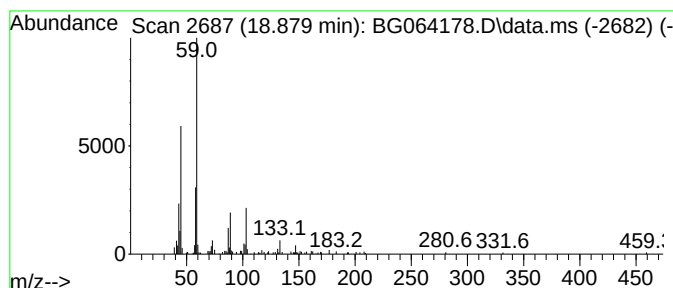
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Peak Number 15 Hexaethylene glycol dimethy... Concentration Rank 9

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 18.879 | 3.15 ng | 93399 | Phenanthrene-d10 | 17.222 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|------|-------------------------------------|-----|-------------|--------------|------|
| 1    |      | Decaethylene glycol, monomethyl ... | 586 | C27H58O11Si | 1000352-12-0 | 64   |
| 2    |      | Hexaethylene glycol dimethyl ether  | 310 | C14H30O7    | 001072-40-8  | 64   |
| 3    |      | Ethyl 2,5,8,11-tetraoxatridecan-... | 250 | C11H22O6    | 1000366-77-9 | 64   |
| 4    |      | Methyl 2,5,8,11,14-pentaoxahexad... | 280 | C12H24O7    | 1000366-81-5 | 59   |
| 5    |      | 2,5,8,11,14,17-Hexaoxaoctadecane    | 266 | C12H26O6    | 001191-87-3  | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040325\  
Data File : BG064178.D  
Acq On : 3 Apr 2025 22:40  
Operator : RC/JU  
Sample : Q1690-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
MW112010

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

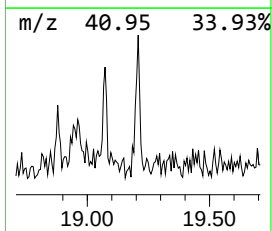
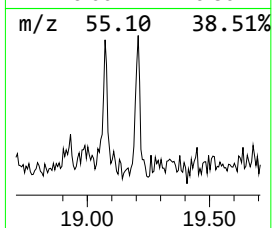
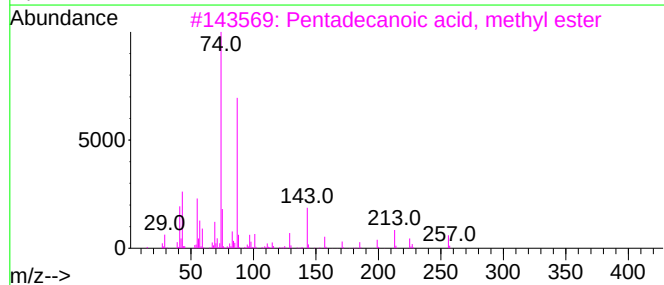
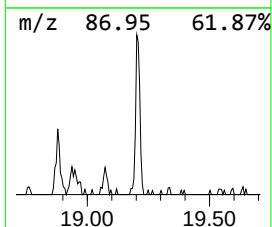
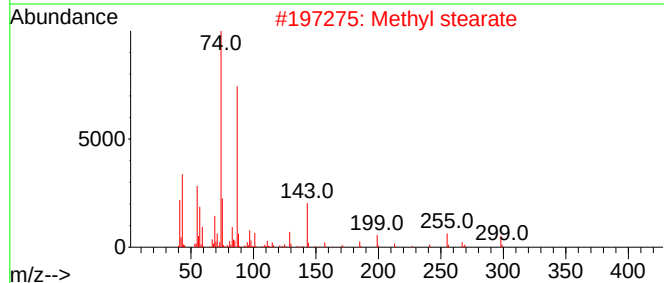
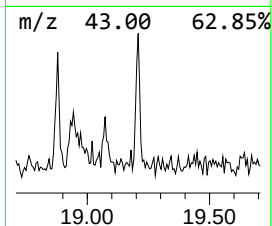
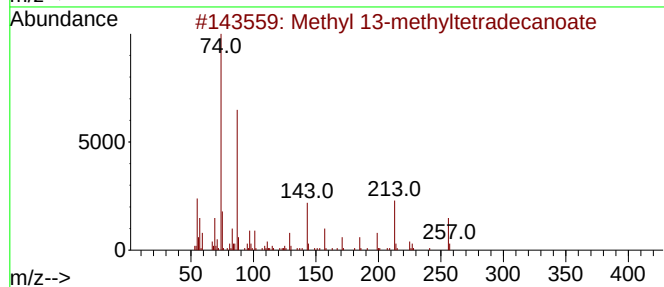
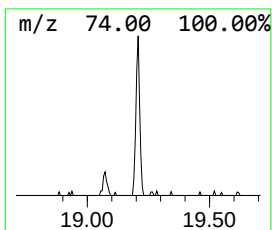
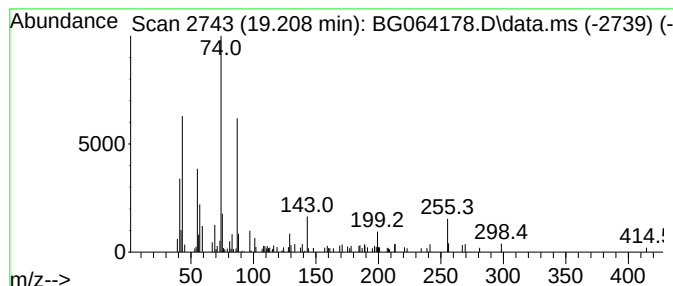
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 16 Methyl 13-methyltetradecanoate Concentration Rank 15

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 19.208 | 2.22 ng | 65797 | Phenanthrene-d10 | 17.222 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Methyl 13-methyltetradecanoate      | 256 | C16H32O2 | 1000424-50-7 | 93   |
| 2    |    |   | Methyl stearate                     | 298 | C19H38O2 | 000112-61-8  | 93   |
| 3    |    |   | Pentadecanoic acid, methyl ester    | 256 | C16H32O2 | 007132-64-1  | 90   |
| 4    |    |   | Heptadecanoic acid, 15-methyl-, ... | 298 | C19H38O2 | 054833-55-5  | 83   |
| 5    |    |   | Tridecanoic acid, methyl ester      | 228 | C14H28O2 | 001731-88-0  | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040325\  
Data File : BG064178.D  
Acq On : 3 Apr 2025 22:40  
Operator : RC/JU  
Sample : Q1690-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
MW112010

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

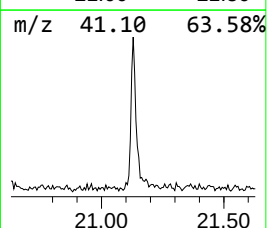
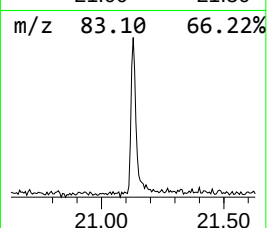
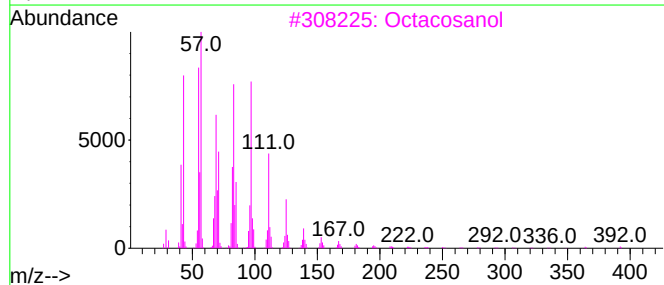
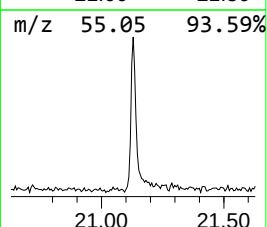
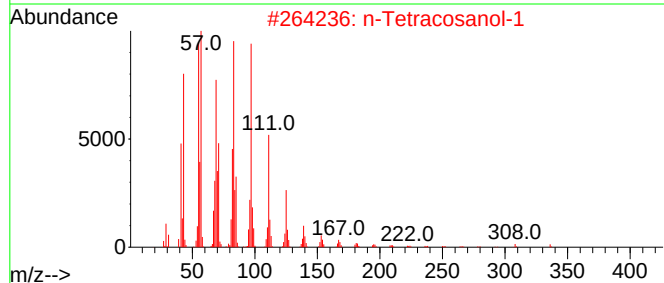
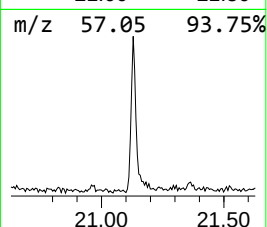
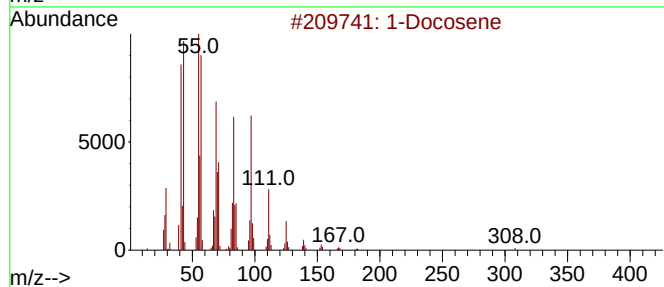
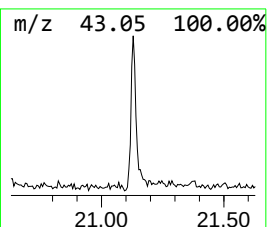
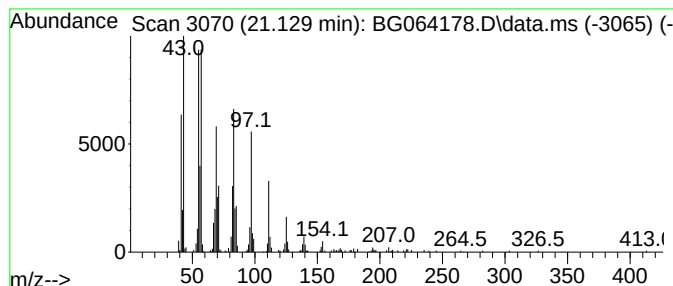
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 17 1-Docosene Concentration Rank 2

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 21.129 | 10.58 ng | 336878 | Chrysene-d12     | 21.452 |

| Hit# | of               | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|------------------|---|--------------|-----|---------|-------------|------|
| 1    | 1-Docosene       |   |              | 308 | C22H44  | 001599-67-3 | 91   |
| 2    | n-Tetracosanol-1 |   |              | 354 | C24H50O | 000506-51-4 | 91   |
| 3    | Octacosanol      |   |              | 410 | C28H58O | 000557-61-9 | 91   |
| 4    | 1-Heneicosanol   |   |              | 312 | C21H44O | 015594-90-8 | 91   |
| 5    | 1-Octadecanol    |   |              | 270 | C18H38O | 000112-92-5 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040325\  
Data File : BG064178.D  
Acq On : 3 Apr 2025 22:40  
Operator : RC/JU  
Sample : Q1690-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
MW112010

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| 2-Pentanone, 4-... | 4.989  | 233.7   | ng    | 2126730  | 1                     | 7.856  | 181978 | 20.0 |
| 2-Pentanone, 4-... | 6.053  | 4.0     | ng    | 36568    | 1                     | 7.856  | 181978 | 20.0 |
| Ethanol, 2-[2-(... | 10.806 | 3.1     | ng    | 44291    | 2                     | 10.647 | 289300 | 20.0 |
| Ethane, 1,1'-ox... | 11.258 | 6.4     | ng    | 92979    | 2                     | 10.647 | 289300 | 20.0 |
| Decaethylene gl... | 11.458 | 2.6     | ng    | 37481    | 2                     | 10.647 | 289300 | 20.0 |
| Tri(1,2-propyle... | 11.828 | 3.0     | ng    | 44022    | 2                     | 10.647 | 289300 | 20.0 |
| Methyl 2,5,8,11... | 11.875 | 2.2     | ng    | 31439    | 2                     | 10.647 | 289300 | 20.0 |
| 2,5,8,11,14,17-... | 14.325 | 2.6     | ng    | 61930    | 3                     | 14.484 | 466994 | 20.0 |
| 2,5,8,11-Tetrao... | 14.590 | 10.0    | ng    | 232901   | 3                     | 14.484 | 466994 | 20.0 |
| 2-Propanol, 1-(... | 14.748 | 2.2     | ng    | 51313    | 3                     | 14.484 | 466994 | 20.0 |
| Benzophenone       | 15.835 | 7.3     | ng    | 169523   | 3                     | 14.484 | 466994 | 20.0 |
| Tetraglyme         | 16.969 | 7.8     | ng    | 231961   | 4                     | 17.222 | 593048 | 20.0 |
| 1-Propanol, 3,3... | 17.063 | 2.6     | ng    | 76663    | 4                     | 17.222 | 593048 | 20.0 |
| Tridecanoic aci... | 17.904 | 5.3     | ng    | 157202   | 4                     | 17.222 | 593048 | 20.0 |
| Hexaethylene gl... | 18.879 | 3.1     | ng    | 93399    | 4                     | 17.222 | 593048 | 20.0 |
| Methyl 13-methy... | 19.208 | 2.2     | ng    | 65797    | 4                     | 17.222 | 593048 | 20.0 |
| 1-Docosene         | 21.129 | 10.6    | ng    | 336878   | 5                     | 21.452 | 636816 | 20.0 |



# CALIBRATION SUMMARY

6C

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01  
 Lab Code: CHEM Case No.: Q1690 SAS No.: Q1690 SDG No.: Q1690  
 Instrument ID: BNA\_G Calibration Date(s): 03/05/2025 03/05/2025  
 Calibration Time(s): 09:02 13:44

| LAB FILE ID:                |        | RRF2.5 = BG064045.D |        |        | RRF005 = BG064046.D |        | RRF010 = BG064047.D |       |
|-----------------------------|--------|---------------------|--------|--------|---------------------|--------|---------------------|-------|
|                             |        | RRF020 = BG064048.D |        |        | RRF040 = BG064049.D |        | RRF050 = BG064050.D |       |
| COMPOUND                    | RRF2.5 | RRF005              | RRF010 | RRF020 | RRF040              | RRF050 | RRF                 | % RSD |
| 2-Fluorophenol              |        | 1.165               | 1.240  | 1.330  | 1.350               | 1.259  | 1.281               | 5.0   |
| Benzaldehyde                |        | 1.111               | 1.122  | 1.133  | 1.003               | 0.860  | 1.013               | 12.9  |
| Phenol-d6                   |        | 1.580               | 1.631  | 1.794  | 1.848               | 1.703  | 1.742               | 6.1   |
| Phenol                      |        | 1.590               | 1.693  | 1.826  | 1.881               | 1.752  | 1.784               | 6.3   |
| bis(2-Chloroethyl) ether    |        | 1.375               | 1.444  | 1.424  | 1.415               | 1.322  | 1.399               | 2.9   |
| 2-Chlorophenol              |        | 1.262               | 1.337  | 1.412  | 1.446               | 1.333  | 1.376               | 4.8   |
| 2-Methylphenol              |        | 1.015               | 1.116  | 1.177  | 1.268               | 1.171  | 1.184               | 8.1   |
| 2,2-oxybis(1-Chloropropane) |        | 3.064               | 3.024  | 3.209  | 3.282               | 2.996  | 3.145               | 3.6   |
| Acetophenone                |        | 0.522               | 0.525  | 0.580  | 0.563               | 0.546  | 0.548               | 3.8   |
| 3+4-Methylphenols           |        | 1.402               | 1.518  | 1.638  | 1.706               | 1.612  | 1.630               | 8.3   |
| n-Nitroso-di-n-propylamine  | 1.146  | 1.095               | 1.157  | 1.282  | 1.323               | 1.189  | 1.223               | 7.1   |
| Nitrobenzene-d5             |        | 0.290               | 0.300  | 0.360  | 0.385               | 0.390  | 0.362               | 13.3  |
| Hexachloroethane            |        | 0.489               | 0.519  | 0.520  | 0.577               | 0.526  | 0.542               | 6.9   |
| Nitrobenzene                |        | 0.298               | 0.320  | 0.390  | 0.397               | 0.396  | 0.374               | 12.2  |
| Isophorone                  |        | 0.709               | 0.672  | 0.744  | 0.745               | 0.717  | 0.724               | 3.9   |
| 2-Nitrophenol               |        | 0.067               | 0.079  | 0.096  | 0.122               | 0.130  | 0.112               | 28.0  |
| 2,4-Dimethylphenol          |        | 0.194               | 0.187  | 0.221  | 0.228               | 0.221  | 0.217               | 8.8   |
| bis(2-Chloroethoxy) methane |        | 0.424               | 0.417  | 0.468  | 0.443               | 0.427  | 0.439               | 4.0   |
| 2,4-Dichlorophenol          |        | 0.222               | 0.239  | 0.281  | 0.287               | 0.290  | 0.274               | 11.2  |
| Naphthalene                 |        | 1.078               | 1.043  | 1.114  | 1.079               | 1.061  | 1.078               | 2.1   |
| 4-Chloroaniline             |        | 0.355               | 0.364  | 0.407  | 0.416               | 0.394  | 0.394               | 6.5   |
| Hexachlorobutadiene         |        | 0.208               | 0.213  | 0.225  | 0.219               | 0.216  | 0.217               | 2.5   |
| Caprolactam                 |        | 0.086               | 0.091  | 0.112  | 0.110               | 0.113  | 0.105               | 10.8  |
| 4-Chloro-3-methylphenol     |        | 0.293               | 0.330  | 0.379  | 0.373               | 0.373  | 0.359               | 9.7   |
| 2-Methylnaphthalene         |        | 0.775               | 0.727  | 0.788  | 0.763               | 0.746  | 0.761               | 2.8   |
| Hexachlorocyclopentadiene   |        | 0.123               | 0.128  | 0.161  | 0.175               | 0.175  | 0.161               | 15.4  |
| 2,4,6-Trichlorophenol       |        | 0.268               | 0.293  | 0.341  | 0.358               | 0.362  | 0.337               | 11.9  |
| 2-Fluorobiphenyl            |        | 1.369               | 1.310  | 1.359  | 1.368               | 1.283  | 1.318               | 3.6   |
| 2,4,5-Trichlorophenol       |        | 0.284               | 0.330  | 0.381  | 0.406               | 0.396  | 0.374               | 13.0  |
| 1,1-Biphenyl                |        | 1.506               | 1.499  | 1.572  | 1.538               | 1.475  | 1.511               | 2.3   |
| 2-Chloronaphthalene         |        | 1.086               | 1.075  | 1.100  | 1.127               | 1.102  | 1.102               | 1.6   |
| 2-Nitroaniline              |        | 0.197               | 0.231  | 0.277  | 0.348               | 0.368  | 0.318               | 26.1  |
| Dimethylphthalate           |        | 1.432               | 1.401  | 1.559  | 1.520               | 1.463  | 1.476               | 3.7   |
| Acenaphthylene              |        | 1.714               | 1.677  | 1.793  | 1.789               | 1.735  | 1.743               | 2.5   |

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

6C

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01  
 Lab Code: CHEM Case No.: Q1690 SAS No.: Q1690 SDG No.: Q1690  
 Instrument ID: BNA\_G Calibration Date(s): 03/05/2025 03/05/2025  
 Calibration Time(s): 09:02 13:44

| LAB FILE ID:                 |        | RRF2.5 = BG064045.D |        |        | RRF005 = BG064046.D |        | RRF010 = BG064047.D |       |
|------------------------------|--------|---------------------|--------|--------|---------------------|--------|---------------------|-------|
|                              |        | RRF020 = BG064048.D |        |        | RRF040 = BG064049.D |        | RRF050 = BG064050.D |       |
| COMPOUND                     | RRF2.5 | RRF005              | RRF010 | RRF020 | RRF040              | RRF050 | RRF                 | % RSD |
| 2,6-Dinitrotoluene           |        | 0.158               | 0.200  | 0.262  | 0.292               | 0.300  | 0.261               | 22.7  |
| 3-Nitroaniline               |        | 0.190               | 0.228  | 0.298  | 0.316               | 0.313  | 0.285               | 19.0  |
| Acenaphthene                 |        | 1.165               | 1.148  | 1.231  | 1.187               | 1.159  | 1.170               | 2.8   |
| 2,4-Dinitrophenol            |        |                     | 0.066  | 0.084  | 0.100               | 0.111  | 0.102               | 23.3  |
| 4-Nitrophenol                |        |                     | 0.164  | 0.200  | 0.257               | 0.280  | 0.239               | 19.5  |
| Dibenzofuran                 |        | 1.926               | 1.881  | 1.976  | 1.941               | 1.853  | 1.895               | 2.8   |
| 2,4-Dinitrotoluene           |        | 0.225               | 0.255  | 0.344  | 0.404               | 0.418  | 0.357               | 23.8  |
| Diethylphthalate             |        | 1.496               | 1.501  | 1.709  | 1.669               | 1.624  | 1.603               | 5.1   |
| 4-Chlorophenyl-phenylether   |        | 0.754               | 0.744  | 0.788  | 0.735               | 0.712  | 0.733               | 4.6   |
| Fluorene                     |        | 1.555               | 1.450  | 1.542  | 1.478               | 1.452  | 1.476               | 3.8   |
| 4-Nitroaniline               |        | 0.213               | 0.263  | 0.313  | 0.345               | 0.351  | 0.308               | 16.7  |
| 4,6-Dinitro-2-methylphenol   |        |                     | 0.050  | 0.059  | 0.075               | 0.082  | 0.076               | 24.3  |
| n-Nitrosodiphenylamine       |        | 0.558               | 0.551  | 0.582  | 0.578               | 0.558  | 0.566               | 2.1   |
| 2,4,6-Tribromophenol         |        | 0.166               | 0.191  | 0.226  | 0.241               | 0.241  | 0.222               | 14.1  |
| 4-Bromophenyl-phenylether    |        | 0.186               | 0.195  | 0.212  | 0.210               | 0.200  | 0.205               | 5.6   |
| Hexachlorobenzene            |        | 0.227               | 0.226  | 0.236  | 0.229               | 0.228  | 0.229               | 1.4   |
| Atrazine                     |        | 0.175               | 0.190  | 0.179  | 0.160               | 0.129  | 0.167               | 14.3  |
| Pentachlorophenol            |        |                     | 0.105  | 0.128  | 0.149               | 0.151  | 0.142               | 15.6  |
| Phenanthrene                 |        | 1.084               | 1.034  | 1.110  | 1.080               | 1.054  | 1.067               | 2.4   |
| Anthracene                   |        | 1.024               | 1.041  | 1.104  | 1.085               | 1.055  | 1.061               | 2.6   |
| Carbazole                    |        | 0.949               | 0.988  | 1.020  | 1.027               | 1.007  | 0.990               | 3.0   |
| Di-n-butylphthalate          |        | 0.932               | 1.095  | 1.213  | 1.257               | 1.236  | 1.166               | 9.9   |
| Fluoranthene                 |        | 1.272               | 1.315  | 1.336  | 1.318               | 1.298  | 1.286               | 3.3   |
| Pyrene                       |        | 1.251               | 1.287  | 1.350  | 1.310               | 1.254  | 1.289               | 2.6   |
| Terphenyl-d14                |        | 1.011               | 1.024  | 1.062  | 0.999               | 0.944  | 0.989               | 4.9   |
| Butylbenzylphthalate         |        | 0.285               | 0.331  | 0.405  | 0.465               | 0.473  | 0.423               | 20.4  |
| 3,3-Dichlorobenzidine        |        | 0.350               | 0.396  | 0.444  | 0.450               | 0.416  | 0.415               | 8.3   |
| Benzo (a) anthracene         |        | 1.217               | 1.268  | 1.310  | 1.303               | 1.275  | 1.281               | 2.5   |
| Chrysene                     |        | 1.281               | 1.233  | 1.308  | 1.306               | 1.263  | 1.278               | 2.3   |
| Bis (2-ethylhexyl) phthalate |        | 0.504               | 0.582  | 0.685  | 0.757               | 0.751  | 0.693               | 15.9  |
| Di-n-octyl phthalate         |        |                     | 0.892  | 1.108  | 1.239               | 1.256  | 1.195               | 14.3  |
| Benzo (b) fluoranthene       |        | 1.150               | 1.146  | 1.269  | 1.216               | 1.232  | 1.209               | 3.8   |
| Benzo (k) fluoranthene       |        | 1.111               | 1.189  | 1.281  | 1.255               | 1.205  | 1.213               | 4.5   |
| Benzo (a) pyrene             |        | 0.993               | 1.022  | 1.124  | 1.107               | 1.106  | 1.077               | 4.6   |
| Indeno (1,2,3-cd) pyrene     |        | 1.223               | 1.232  | 1.408  | 1.376               | 1.354  | 1.338               | 5.8   |

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1





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Fax : 908 789 8922

6C

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01  
 Lab Code: CHEM Case No.: Q1690 SAS No.: Q1690 SDG No.: Q1690  
 Instrument ID: BNA\_G Calibration Date(s): 03/05/2025 03/05/2025  
 Calibration Time(s): 09:02 13:44

| LAB FILE ID:               |        | RRF2.5 = BG064045.D |        | RRF005 = BG064046.D |        | RRF010 = BG064047.D |       |       |
|----------------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|
|                            |        | RRF020 = BG064048.D |        | RRF040 = BG064049.D |        | RRF050 = BG064050.D |       |       |
| COMPOUND                   | RRF2.5 | RRF005              | RRF010 | RRF020              | RRF040 | RRF050              | RRF   | % RSD |
| Dibenzo(a,h)anthracene     |        | 1.029               | 1.036  | 1.151               | 1.133  | 1.134               | 1.109 | 4.9   |
| Benzo(g,h,i)perylene       |        | 1.049               | 1.093  | 1.208               | 1.152  | 1.146               | 1.139 | 4.6   |
| 1,2,4,5-Tetrachlorobenzene |        | 0.547               | 0.584  | 0.592               | 0.586  | 0.560               | 0.571 | 2.9   |
| 1,4-Dioxane                |        | 0.598               | 0.605  | 0.624               | 0.585  | 0.559               | 0.580 | 5.3   |
| 2,3,4,6-Tetrachlorophenol  |        | 0.262               | 0.326  | 0.388               | 0.395  | 0.385               | 0.365 | 14.2  |

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

Method Path : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\  
 Method File : 8270-BG030525.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 Last Update : Wed Mar 05 15:39:19 2025  
 Response Via : Initial Calibration

## Calibration Files

2.5 =BG064045.D 5 =BG064046.D 10 =BG064047.D 20 =BG064048.D 40 =BG064049.D 50 =BG064050.D 60 =BG064051.D 80 =BG064052.D

| Compound |                       | 2.5            | 5     | 10    | 20    | 40    | 50    | 60    | 80    | Avg   | %RSD |
|----------|-----------------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| -----    |                       |                |       |       |       |       |       |       |       |       |      |
| 1) I     | 1,4-Dichlorobenzen... | -----ISTD----- |       |       |       |       |       |       |       |       |      |
| 2)       | 1,4-Dioxane           | 0.598          | 0.605 | 0.624 | 0.585 | 0.559 | 0.539 | 0.554 | 0.580 | 5.31  |      |
| 3)       | Pyridine              | 1.450          | 1.445 | 1.452 | 1.573 | 1.338 | 1.376 | 1.248 | 1.412 | 7.30  |      |
| 4)       | n-Nitrosodimet...     | 0.892          | 0.976 | 1.017 | 1.064 | 0.996 | 1.047 | 1.068 | 1.009 | 6.16  |      |
| 5) S     | 2-Fluorophenol        | 1.165          | 1.240 | 1.330 | 1.350 | 1.259 | 1.318 | 1.304 | 1.281 | 5.00  |      |
| 6)       | Aniline               | 1.593          | 1.670 | 1.825 | 1.820 | 1.642 | 1.748 | 1.671 | 1.710 | 5.24  |      |
| 7) S     | Phenol-d6             | 1.580          | 1.631 | 1.794 | 1.848 | 1.703 | 1.839 | 1.803 | 1.742 | 6.09  |      |
| 8)       | 2-Chlorophenol        | 1.262          | 1.337 | 1.412 | 1.446 | 1.333 | 1.420 | 1.420 | 1.376 | 4.80  |      |
| 9)       | Benzaldehyde          | 1.111          | 1.122 | 1.133 | 1.003 | 0.860 | 0.850 |       | 1.013 | 12.94 |      |
| 10) C    | Phenol                | 1.590          | 1.693 | 1.826 | 1.881 | 1.752 | 1.900 | 1.846 | 1.784 | 6.30  |      |
| 11)      | bis(2-Chloroet...     | 1.375          | 1.444 | 1.424 | 1.415 | 1.322 | 1.418 | 1.394 | 1.399 | 2.88  |      |
| 12)      | 1,3-Dichlorobe...     | 1.523          | 1.539 | 1.501 | 1.546 | 1.438 | 1.519 | 1.508 | 1.511 | 2.36  |      |
| 13) C    | 1,4-Dichlorobe...     | 1.548          | 1.546 | 1.607 | 1.592 | 1.478 | 1.536 | 1.532 | 1.548 | 2.72  |      |
| 14)      | 1,2-Dichlorobe...     | 1.488          | 1.464 | 1.543 | 1.519 | 1.416 | 1.525 | 1.497 | 1.493 | 2.88  |      |
| 15)      | Benzyl Alcohol        | 1.115          | 1.249 | 1.343 | 1.436 | 1.358 | 1.467 | 1.457 | 1.346 | 9.50  |      |
| 16)      | 2,2'-oxybis(1-...     | 3.064          | 3.024 | 3.209 | 3.282 | 2.996 | 3.218 | 3.222 | 3.145 | 3.61  |      |
| 17)      | 2-Methylphenol        | 1.015          | 1.116 | 1.177 | 1.268 | 1.171 | 1.269 | 1.271 | 1.184 | 8.11  |      |
| 18)      | Hexachloroethane      | 0.489          | 0.519 | 0.520 | 0.577 | 0.526 | 0.581 | 0.580 | 0.542 | 6.88  |      |
| 19) P    | n-Nitroso-di-n...     | 1.146          | 1.095 | 1.157 | 1.282 | 1.323 | 1.189 | 1.322 | 1.268 | 1.223 | 7.13 |
| 20)      | 3+4-Methylphenols     | 1.402          | 1.518 | 1.638 | 1.706 | 1.612 | 1.804 | 1.729 | 1.630 | 8.34  |      |
|          |                       |                |       |       |       |       |       |       |       |       |      |
| 21) I    | Naphthalene-d8        | -----ISTD----- |       |       |       |       |       |       |       |       |      |
| 22)      | Acetophenone          | 0.522          | 0.525 | 0.580 | 0.563 | 0.546 | 0.561 | 0.543 | 0.548 | 3.82  |      |
| 23) S    | Nitrobenzene-d5       | 0.290          | 0.300 | 0.360 | 0.385 | 0.390 | 0.400 | 0.409 | 0.362 | 13.32 |      |
| 24)      | Nitrobenzene          | 0.298          | 0.320 | 0.390 | 0.397 | 0.396 | 0.409 | 0.409 | 0.374 | 12.20 |      |
| 25)      | Isophorone            | 0.709          | 0.672 | 0.744 | 0.745 | 0.717 | 0.757 | 0.727 | 0.724 | 3.93  |      |
| 26) C    | 2-Nitrophenol         | 0.067          | 0.079 | 0.096 | 0.122 | 0.130 | 0.141 | 0.147 | 0.112 | 28.03 |      |
| 27)      | 2,4-Dimethylph...     | 0.194          | 0.187 | 0.221 | 0.228 | 0.221 | 0.239 | 0.229 | 0.217 | 8.82  |      |
| 28)      | bis(2-Chloroet...     | 0.424          | 0.417 | 0.468 | 0.443 | 0.427 | 0.449 | 0.445 | 0.439 | 4.03  |      |
| 29) C    | 2,4-Dichloroph...     | 0.222          | 0.239 | 0.281 | 0.287 | 0.290 | 0.301 | 0.298 | 0.274 | 11.22 |      |
| 30)      | 1,2,4-Trichlor...     | 0.323          | 0.317 | 0.343 | 0.332 | 0.336 | 0.335 | 0.332 | 0.331 | 2.54  |      |
| 31)      | Naphthalene           | 1.078          | 1.043 | 1.114 | 1.079 | 1.061 | 1.097 | 1.077 | 1.078 | 2.13  |      |
| 32)      | Benzoic acid          |                | 0.078 | 0.139 | 0.172 | 0.191 | 0.217 | 0.220 | 0.170 | 31.75 |      |
| 33)      | 4-Chloroaniline       | 0.355          | 0.364 | 0.407 | 0.416 | 0.394 | 0.419 | 0.404 | 0.394 | 6.46  |      |
| 34) C    | Hexachlorobuta...     | 0.208          | 0.213 | 0.225 | 0.219 | 0.216 | 0.220 | 0.218 | 0.217 | 2.55  |      |
| 35)      | Caprolactam           | 0.086          | 0.091 | 0.112 | 0.110 | 0.113 | 0.112 | 0.111 | 0.105 | 10.78 |      |
| 36) C    | 4-Chloro-3-met...     | 0.293          | 0.330 | 0.379 | 0.373 | 0.373 | 0.390 | 0.376 | 0.359 | 9.67  |      |
| 37)      | 2-Methylnaphth...     | 0.775          | 0.727 | 0.788 | 0.763 | 0.746 | 0.779 | 0.751 | 0.761 | 2.80  |      |
| 38)      | 1-Methylnaphth...     | 0.745          | 0.728 | 0.771 | 0.753 | 0.724 | 0.768 | 0.733 | 0.746 | 2.53  |      |

Method Path : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\  
 Method File : 8270-BG030525.M

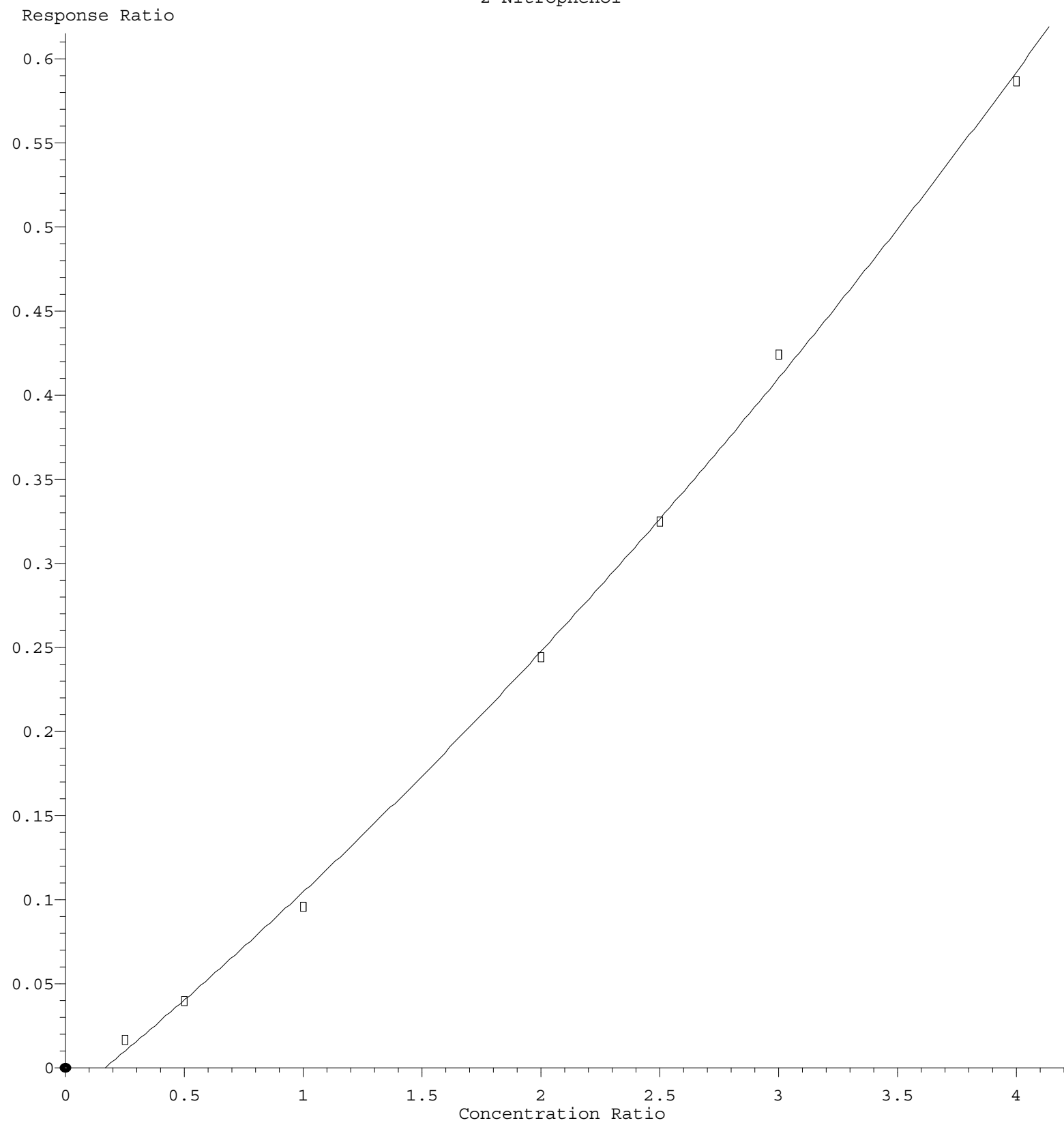
|       |                   |                |       |       |       |       |       |       |       |       |  |
|-------|-------------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| 39) I | Acenaphthene-d10  | -----ISTD----- |       |       |       |       |       |       |       |       |  |
| 40)   | 1,2,4,5-Tetrac... | 0.547          | 0.584 | 0.592 | 0.586 | 0.560 | 0.562 | 0.566 | 0.571 | 2.88  |  |
| 41) P | Hexachlorocycl... | 0.123          | 0.128 | 0.161 | 0.175 | 0.175 | 0.180 | 0.183 | 0.161 | 15.44 |  |
| 42) S | 2,4,6-Tribromo... | 0.166          | 0.191 | 0.226 | 0.241 | 0.241 | 0.250 | 0.241 | 0.222 | 14.12 |  |
| 43) C | 2,4,6-Trichlor... | 0.268          | 0.293 | 0.341 | 0.358 | 0.362 | 0.368 | 0.366 | 0.337 | 11.89 |  |
| 44)   | 2,4,5-Trichlor... | 0.284          | 0.330 | 0.381 | 0.406 | 0.396 | 0.407 | 0.413 | 0.374 | 12.98 |  |
| 45) S | 2-Fluorobiphenyl  | 1.369          | 1.310 | 1.359 | 1.368 | 1.283 | 1.284 | 1.251 | 1.318 | 3.62  |  |
| 46)   | 1,1'-Biphenyl     | 1.506          | 1.499 | 1.572 | 1.538 | 1.475 | 1.512 | 1.475 | 1.511 | 2.29  |  |
| 47)   | 2-Chloronaphth... | 1.086          | 1.075 | 1.100 | 1.127 | 1.102 | 1.121 | 1.103 | 1.102 | 1.63  |  |
| 48)   | 2-Nitroaniline    | 0.197          | 0.231 | 0.277 | 0.348 | 0.368 | 0.396 | 0.408 | 0.318 | 26.14 |  |
| 49)   | Acenaphthylene    | 1.714          | 1.677 | 1.793 | 1.789 | 1.735 | 1.777 | 1.717 | 1.743 | 2.53  |  |
| 50)   | Dimethylphthalate | 1.432          | 1.401 | 1.559 | 1.520 | 1.463 | 1.508 | 1.452 | 1.476 | 3.73  |  |
| 51)   | 2,6-Dinitrotol... | 0.158          | 0.200 | 0.262 | 0.292 | 0.300 | 0.307 | 0.308 | 0.261 | 22.73 |  |
| 52) C | Acenaphthene      | 1.165          | 1.148 | 1.231 | 1.187 | 1.159 | 1.171 | 1.128 | 1.170 | 2.77  |  |
| 53)   | 3-Nitroaniline    | 0.190          | 0.228 | 0.298 | 0.316 | 0.313 | 0.329 | 0.323 | 0.285 | 18.96 |  |
| 54) P | 2,4-Dinitrophenol |                | 0.066 | 0.084 | 0.100 | 0.111 | 0.121 | 0.129 | 0.102 | 23.25 |  |
| 55)   | Dibenzofuran      | 1.926          | 1.881 | 1.976 | 1.941 | 1.853 | 1.864 | 1.826 | 1.895 | 2.84  |  |
| 56) P | 4-Nitrophenol     |                | 0.164 | 0.200 | 0.257 | 0.280 | 0.270 | 0.265 | 0.239 | 19.47 |  |
| 57)   | 2,4-Dinitrotol... | 0.225          | 0.255 | 0.344 | 0.404 | 0.418 | 0.426 | 0.424 | 0.357 | 23.78 |  |
| 58)   | Fluorene          | 1.555          | 1.450 | 1.542 | 1.478 | 1.452 | 1.460 | 1.395 | 1.476 | 3.79  |  |
| 59)   | 2,3,4,6-Tetrac... | 0.262          | 0.326 | 0.388 | 0.395 | 0.385 | 0.402 | 0.393 | 0.365 | 14.21 |  |
| 60)   | Diethylphthalate  | 1.496          | 1.501 | 1.709 | 1.669 | 1.624 | 1.637 | 1.584 | 1.603 | 5.06  |  |
| 61)   | 4-Chlorophenyl... | 0.754          | 0.744 | 0.788 | 0.735 | 0.712 | 0.721 | 0.681 | 0.733 | 4.61  |  |
| 62)   | 4-Nitroaniline    | 0.213          | 0.263 | 0.313 | 0.345 | 0.351 | 0.339 | 0.333 | 0.308 | 16.67 |  |
| 63)   | Azobenzene        | 1.734          | 1.645 | 1.785 | 1.758 | 1.700 | 1.705 | 1.644 | 1.710 | 3.13  |  |
| 64) I | Phenanthrene-d10  | -----ISTD----- |       |       |       |       |       |       |       |       |  |
| 65)   | 4,6-Dinitro-2-... |                | 0.050 | 0.059 | 0.075 | 0.082 | 0.092 | 0.096 | 0.076 | 24.31 |  |
| 66) c | n-Nitrosodiphe... | 0.558          | 0.551 | 0.582 | 0.578 | 0.558 | 0.571 | 0.565 | 0.566 | 2.06  |  |
| 67)   | 4-Bromophenyl-... | 0.186          | 0.195 | 0.212 | 0.210 | 0.200 | 0.217 | 0.213 | 0.205 | 5.61  |  |
| 68)   | Hexachlorobenzene | 0.227          | 0.226 | 0.236 | 0.229 | 0.228 | 0.229 | 0.230 | 0.229 | 1.45  |  |
| 69)   | Atrazine          | 0.175          | 0.190 | 0.179 | 0.160 | 0.129 |       |       | 0.167 | 14.34 |  |
| 70) C | Pentachlorophenol |                | 0.105 | 0.128 | 0.149 | 0.151 | 0.159 | 0.163 | 0.142 | 15.58 |  |
| 71)   | Phenanthrene      | 1.084          | 1.034 | 1.110 | 1.080 | 1.054 | 1.059 | 1.047 | 1.067 | 2.44  |  |
| 72)   | Anthracene        | 1.024          | 1.041 | 1.104 | 1.085 | 1.055 | 1.065 | 1.051 | 1.061 | 2.55  |  |
| 73)   | Carbazole         | 0.949          | 0.988 | 1.020 | 1.027 | 1.007 | 0.986 | 0.956 | 0.990 | 3.02  |  |
| 74)   | Di-n-butylphth... | 0.932          | 1.095 | 1.213 | 1.257 | 1.236 | 1.219 | 1.208 | 1.166 | 9.90  |  |
| 75) C | Fluoranthene      | 1.272          | 1.315 | 1.336 | 1.318 | 1.298 | 1.243 | 1.221 | 1.286 | 3.31  |  |
| 76) I | Chrysene-d12      | -----ISTD----- |       |       |       |       |       |       |       |       |  |
| 77)   | Benzidine         | 0.221          | 0.400 | 0.238 | 0.313 | 0.195 | 0.299 | 0.271 | 0.277 | 24.80 |  |
| 78)   | Pyrene            | 1.251          | 1.287 | 1.350 | 1.310 | 1.254 | 1.290 | 1.282 | 1.289 | 2.63  |  |
| 79) S | Terphenyl-d14     | 1.011          | 1.024 | 1.062 | 0.999 | 0.944 | 0.957 | 0.927 | 0.989 | 4.88  |  |
| 80)   | Butylbenzylpht... | 0.285          | 0.331 | 0.405 | 0.465 | 0.473 | 0.503 | 0.502 | 0.423 | 20.44 |  |
| 81)   | Benzo(a)anthra... | 1.217          | 1.268 | 1.310 | 1.303 | 1.275 | 1.309 | 1.286 | 1.281 | 2.54  |  |
| 82)   | 3,3'-Dichlorob... | 0.350          | 0.396 | 0.444 | 0.450 | 0.416 | 0.436 | 0.411 | 0.415 | 8.27  |  |
| 83)   | Chrysene          | 1.281          | 1.233 | 1.308 | 1.306 | 1.263 | 1.301 | 1.252 | 1.278 | 2.29  |  |
| 84)   | Bis(2-ethylhex... | 0.504          | 0.582 | 0.685 | 0.757 | 0.751 | 0.789 | 0.782 | 0.693 | 15.90 |  |
| 85) c | Di-n-octyl pht... |                | 0.892 | 1.108 | 1.239 | 1.256 | 1.339 | 1.338 | 1.195 | 14.31 |  |

Method Path : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\  
Method File : 8270-BG030525.M

|       |                   |                |       |       |       |       |       |       |       |      |
|-------|-------------------|----------------|-------|-------|-------|-------|-------|-------|-------|------|
| 86) I | Perylene-d12      | -----ISTD----- |       |       |       |       |       |       |       |      |
| 87)   | Indeno(1,2,3-c... | 1.223          | 1.232 | 1.408 | 1.376 | 1.354 | 1.381 | 1.394 | 1.338 | 5.80 |
| 88)   | Benzo(b)fluora... | 1.150          | 1.146 | 1.269 | 1.216 | 1.232 | 1.215 | 1.236 | 1.209 | 3.76 |
| 89)   | Benzo(k)fluora... | 1.111          | 1.189 | 1.281 | 1.255 | 1.205 | 1.234 | 1.215 | 1.213 | 4.49 |
| 90) C | Benzo(a)pyrene    | 0.993          | 1.022 | 1.124 | 1.107 | 1.106 | 1.092 | 1.093 | 1.077 | 4.57 |
| 91)   | Dibenzo(a,h)an... | 1.029          | 1.036 | 1.151 | 1.133 | 1.134 | 1.123 | 1.160 | 1.109 | 4.86 |
| 92)   | Benzo(g,h,i)pe... | 1.049          | 1.093 | 1.208 | 1.152 | 1.146 | 1.155 | 1.168 | 1.139 | 4.58 |

-----  
(#) = Out of Range

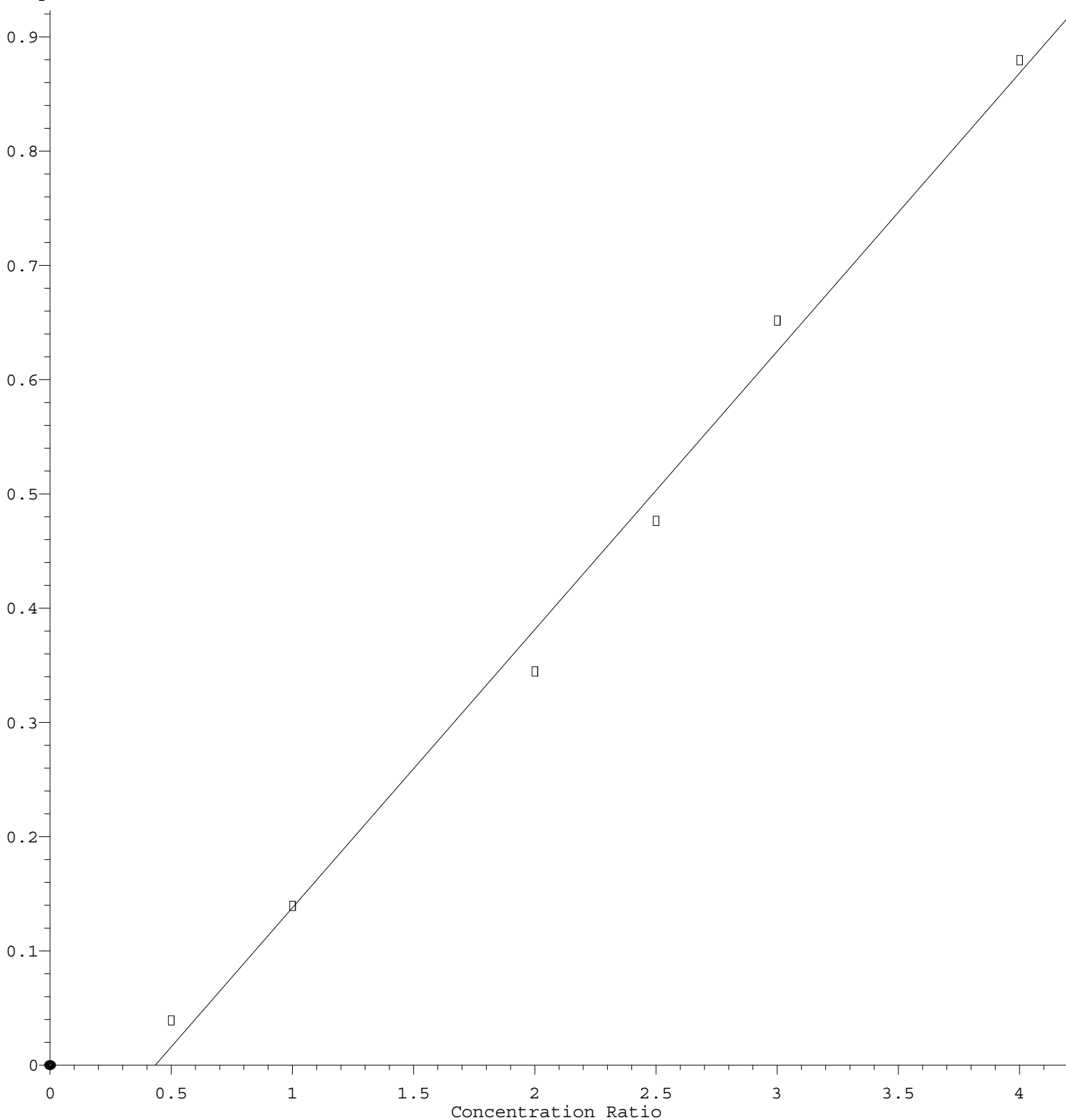
# 2-Nitrophenol



$R = 9.766e-003 A^2 + 1.137e-001 A - 1.893e-002$   
 Coef of Det ( $r^2$ ) = 0.998666    Curve Fit: Quadratic  
 Method Name: Z:\svoasrv\HPCHEM1\BNA G\Methods\8270-BG030525.M  
 Calibration Table Last Updated: Wed Mar 05 15:39:19 2025

# Benzoic acid

Response Ratio



$$\text{Response} = 2.435\text{e-}001 * \text{Amt} - 1.058\text{e-}001$$

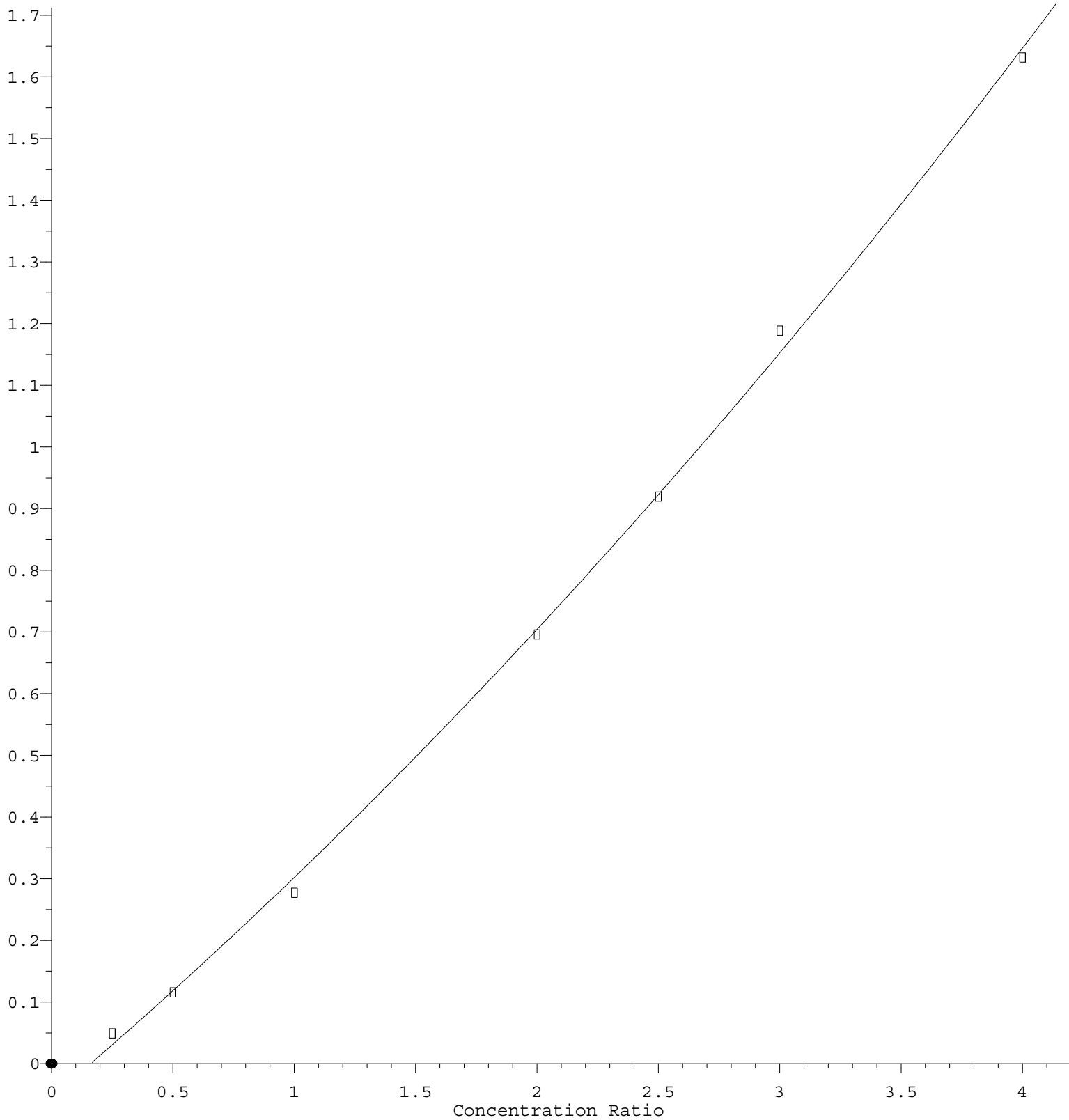
Coef of Det ( $r^2$ ) = 0.993062 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA G\Methods\8270-BG030525.M

Calibration Table Last Updated: Wed Mar 05 15:39:19 2025

## 2-Nitroaniline

Response Ratio



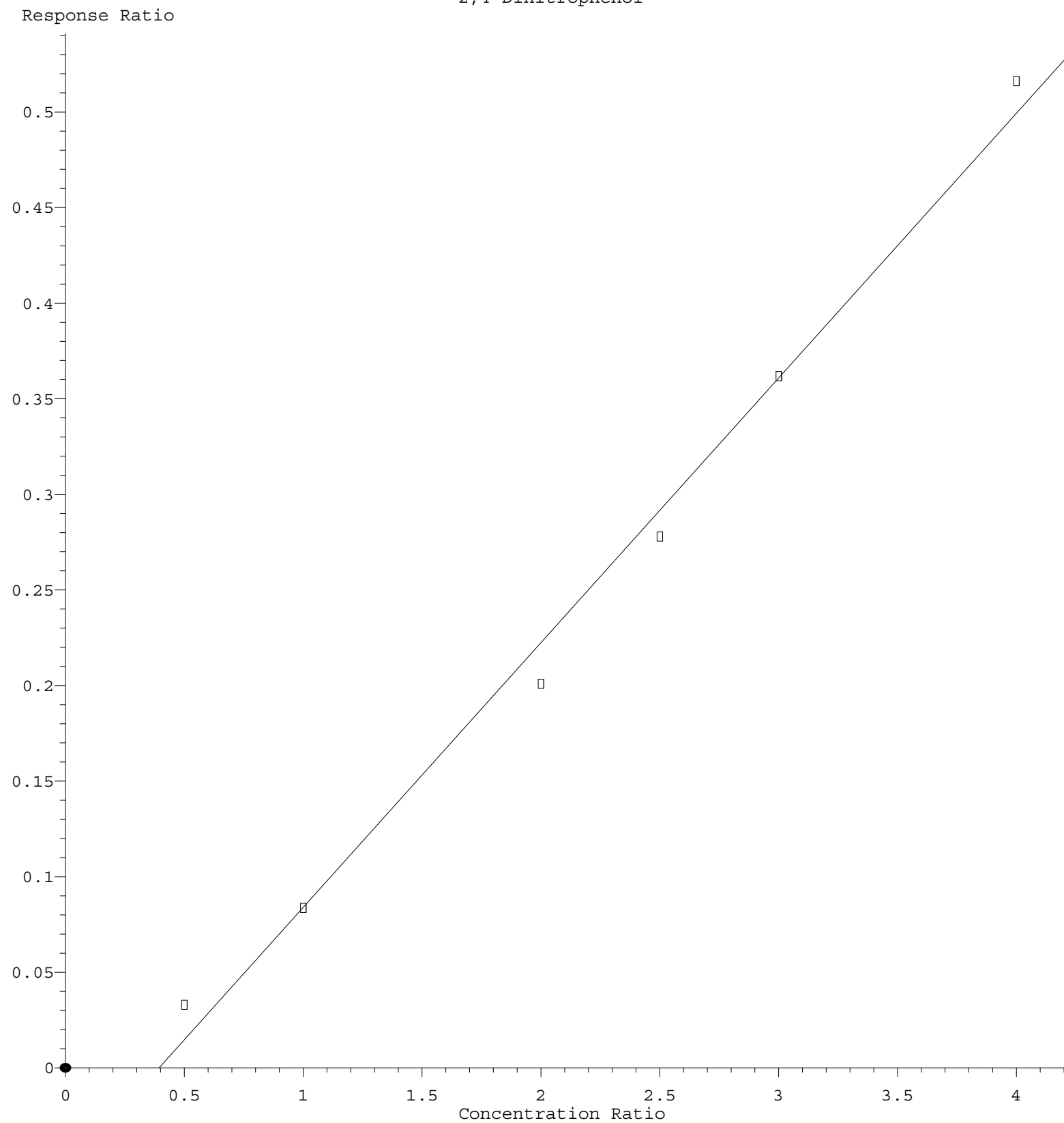
$$R = 2.299e-002 A^2 + 3.333e-001 A - 5.414e-002$$

Coef of Det ( $r^2$ ) = 0.998770 Curve Fit: Quadratic

Method Name: Z:\svoasrv\HPCHEM1\BNA G\Methods\8270-BG030525.M

Calibration Table Last Updated: Wed Mar 05 15:39:19 2025

# 2,4-Dinitrophenol

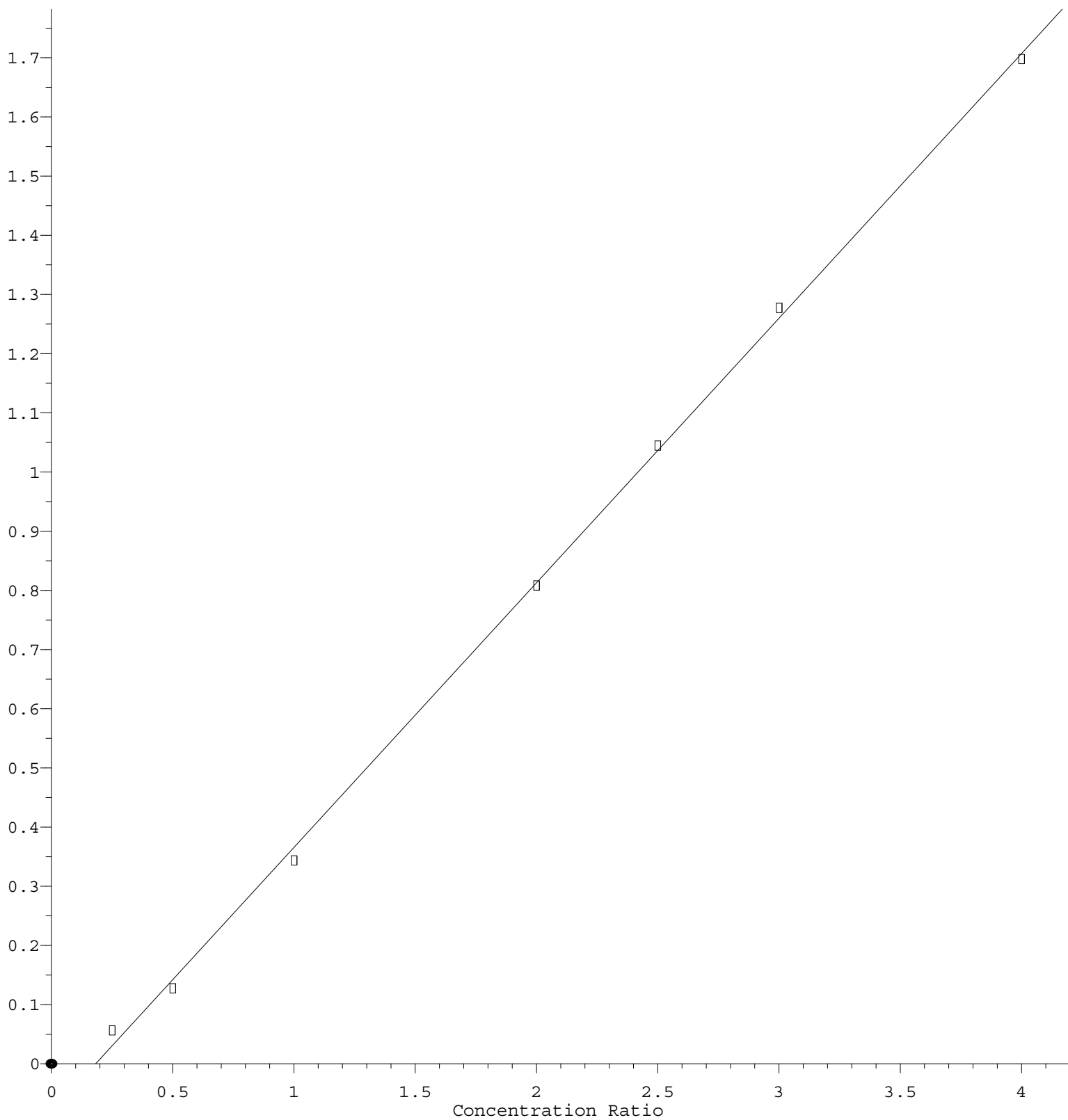


Response = 1.385e-001 \* Amt - 5.459e-002  
 Coef of Det (r^2) = 0.992124 Curve Fit: Linear  
 Method Name: Z:\svoasrv\HPCHEM1\BNA G\Methods\8270-BG030525.M  
 Calibration Table Last Updated: Wed Mar 05 15:39:19 2025



## 2,4-Dinitrotoluene

Response Ratio



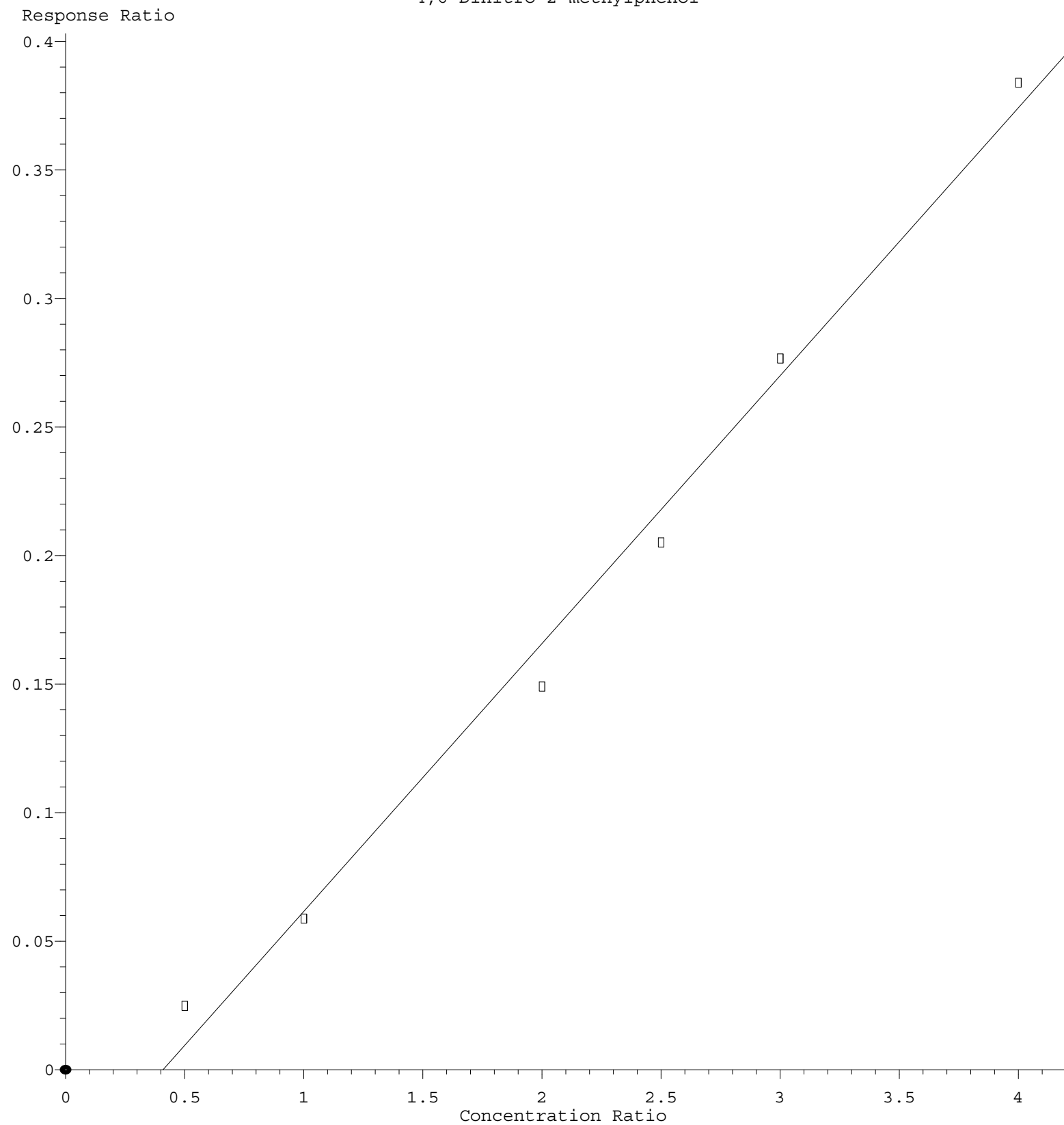
$$\text{Response} = 4.472\text{e-}001 * \text{Amt} - 8.152\text{e-}002$$

Coef of Det ( $r^2$ ) = 0.999194 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA G\Methods\8270-BG030525.M

Calibration Table Last Updated: Wed Mar 05 15:39:19 2025

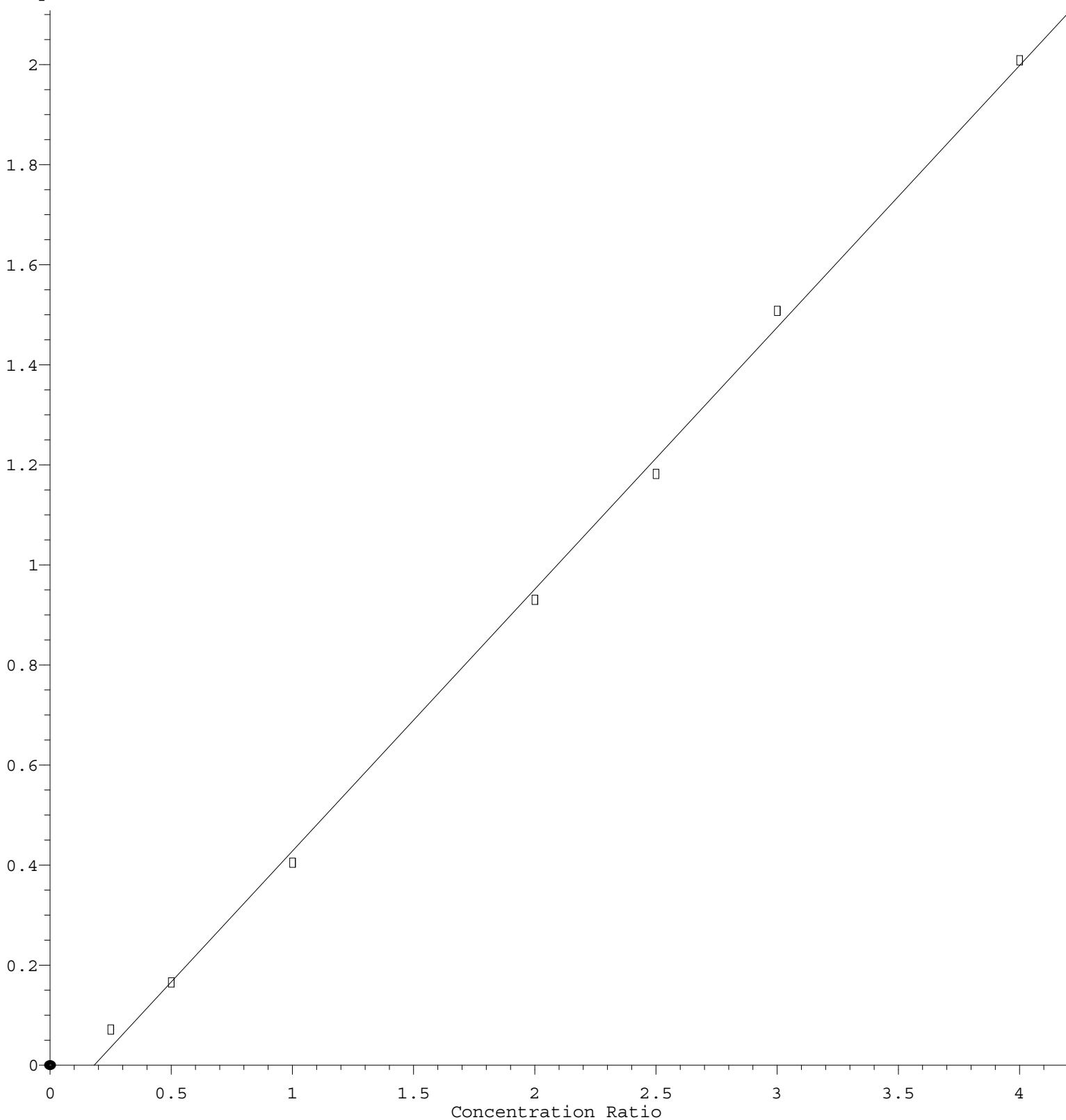
## 4,6-Dinitro-2-methylphenol



Response =  $1.041\text{e-}001 * \text{Amt} - 4.259\text{e-}002$   
Coef of Det ( $r^2$ ) = 0.990937 Curve Fit: Linear  
Method Name: Z:\svoasrv\HPCHEM1\BNA G\Methods\8270-BG030525.M  
Calibration Table Last Updated: Wed Mar 05 15:39:19 2025

# Butylbenzylphthalate

Response Ratio



$$\text{Response} = 5.234\text{e-}001 * \text{Amt} - 9.520\text{e-}002$$

Coef of Det ( $r^2$ ) = 0.998592 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA G\Methods\8270-BG030525.M

Calibration Table Last Updated: Wed Mar 05 15:39:19 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030525\  
 Data File : BG064045.D  
 Acq On : 5 Mar 2025 9:02  
 Operator : RC/JU  
 Sample : SSTDICC2.5  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC2.5

Quant Time: Mar 05 15:19:54 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 05 14:45:06 2025  
 Response via : Initial Calibration

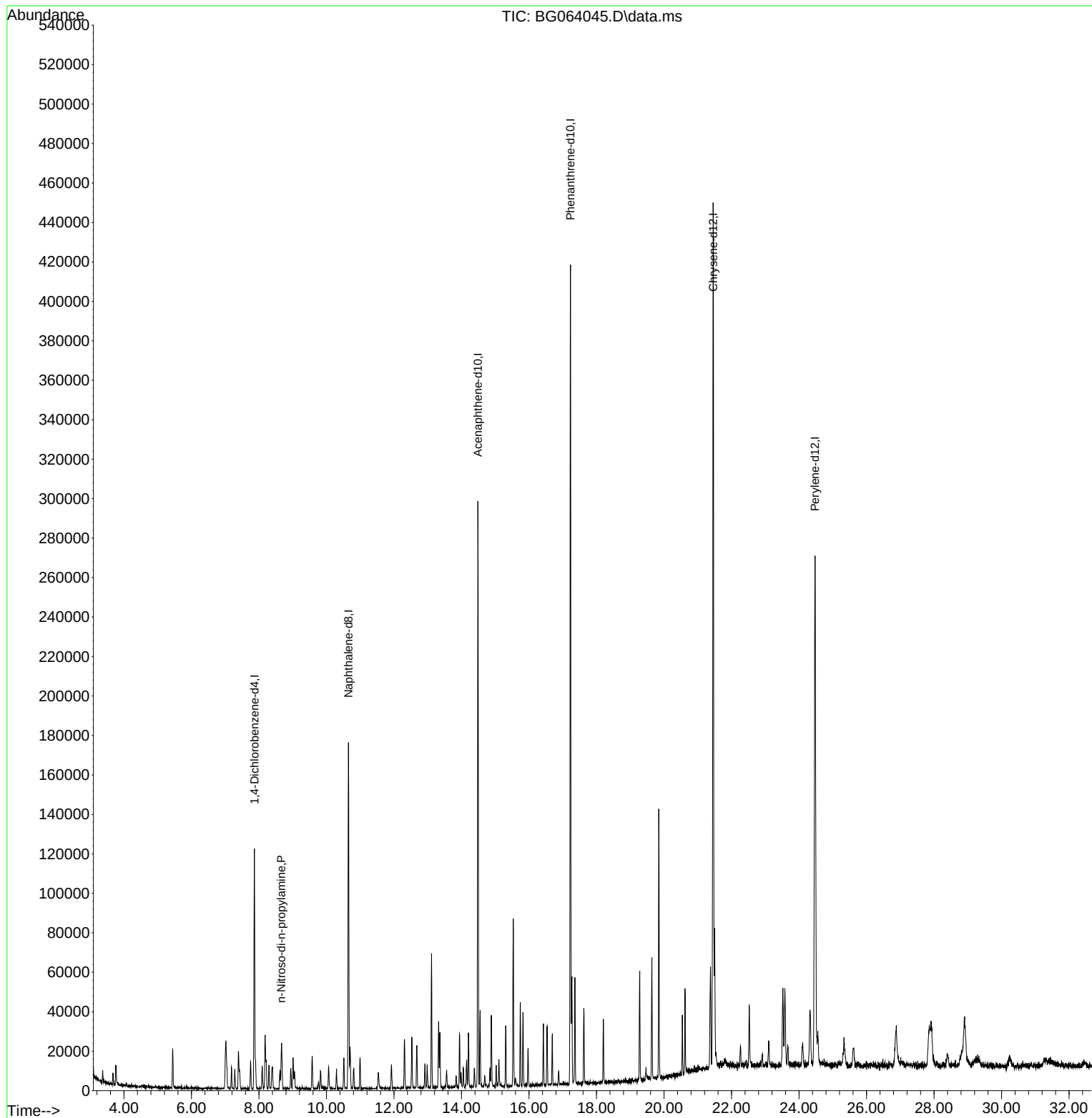
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min)    |
|-------------------------------|--------|------|----------|--------|-------|-------------|
| -----                         |        |      |          |        |       |             |
| Internal Standards            |        |      |          |        |       |             |
| 1) 1,4-Dichlorobenzene-d4     | 7.864  | 152  | 29138    | 20.000 | ng    | 0.00        |
| 21) Naphthalene-d8            | 10.649 | 136  | 131138   | 20.000 | ng    | 0.00        |
| 39) Acenaphthene-d10          | 14.486 | 164  | 97001    | 20.000 | ng    | 0.00        |
| 64) Phenanthrene-d10          | 17.229 | 188  | 240464   | 20.000 | ng    | 0.00        |
| 76) Chrysene-d12              | 21.454 | 240  | 249925   | 20.000 | ng    | 0.00        |
| 86) Perylene-d12              | 24.474 | 264  | 262700   | 20.000 | ng    | 0.00        |
| System Monitoring Compounds   |        |      |          |        |       |             |
| 5) 2-Fluorophenol             | 0.000  | 112  | 0d       | 0.000  | ng    |             |
| 7) Phenol-d6                  | 0.000  | 99   | 0d       | 0.000  | ng    |             |
| 23) Nitrobenzene-d5           | 0.000  | 82   | 0d       | 0.000  | ng    |             |
| 42) 2,4,6-Tribromophenol      | 0.000  | 330  | 0d       | 0.000  | ng    |             |
| 45) 2-Fluorobiphenyl          | 0.000  | 172  | 0d       | 0.000  | ng    |             |
| 79) Terphenyl-d14             | 0.000  | 244  | 0d       | 0.000  | ng    |             |
| Target Compounds              |        |      |          |        |       |             |
| 19) n-Nitroso-di-n-propyla... | 8.663  | 70   | 4175     | 2.343  | ng    | Qvalue # 90 |
| -----                         |        |      |          |        |       |             |

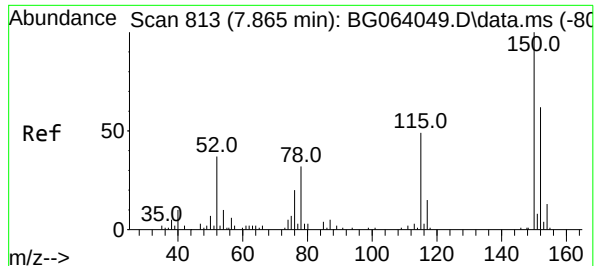
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030525\  
Data File : BG064045.D  
Acq On : 5 Mar 2025 9:02  
Operator : RC/JU  
Sample : SSTDICC2.5  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

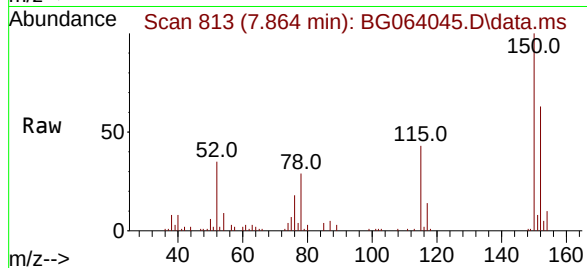
Quant Time: Mar 05 15:19:54 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Mar 05 14:45:06 2025  
Response via : Initial Calibration



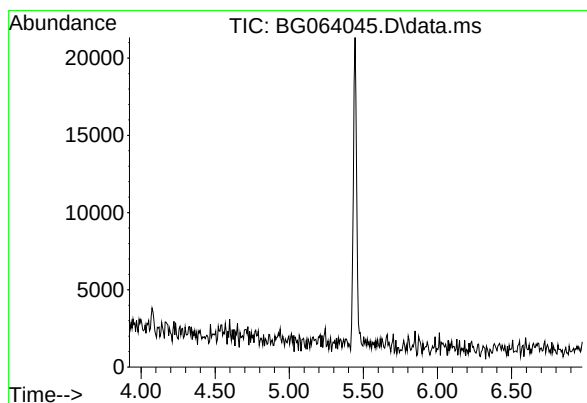
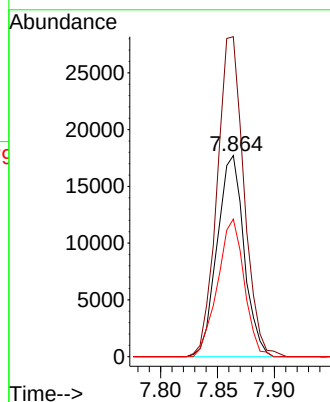
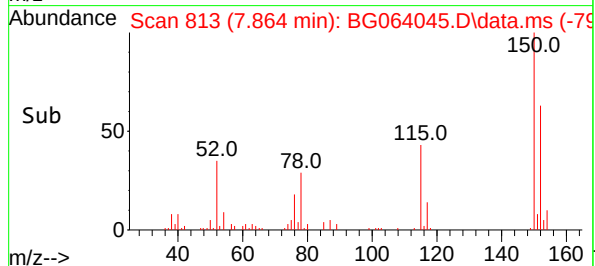


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.864 min Scan# 81  
Delta R.T. -0.001 min  
Lab File: BG064045.D  
Acq: 5 Mar 2025 9:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5



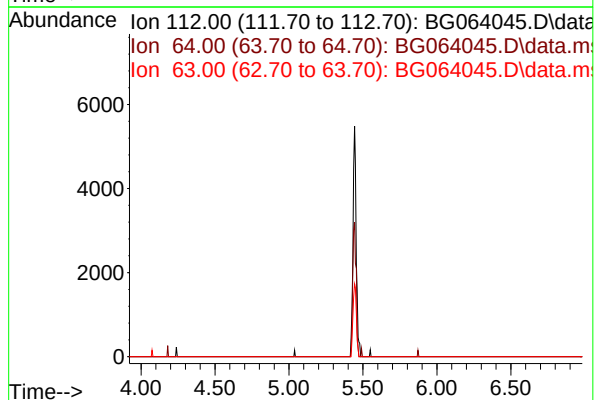
Tgt Ion:152 Resp: 29138  
Ion Ratio Lower Upper  
152 100  
150 159.1 129.2 193.8  
115 68.4 63.0 94.6

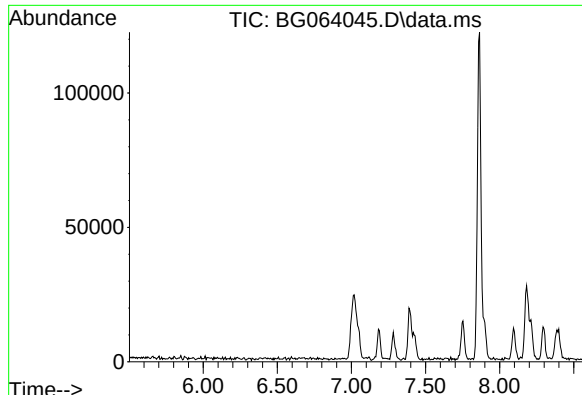


#5  
2-Fluorophenol  
Concen: 0.000 ng  
Expected RT: 5.45 min

Lab File: BG064045.D  
Acq: 5 Mar 2025 9:02

Tgt Ion: 112  
Sig Exp Ratio  
112 100  
64 67.1  
63 37.8





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 7.03 min

Lab File: BG064045.D

Acq: 5 Mar 2025 9:02

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5

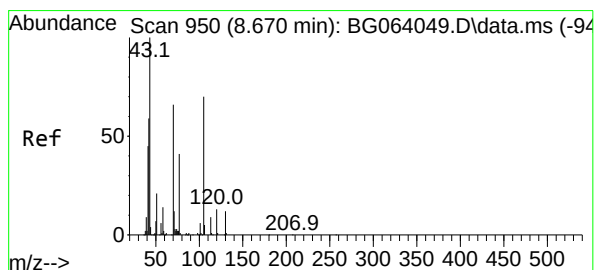
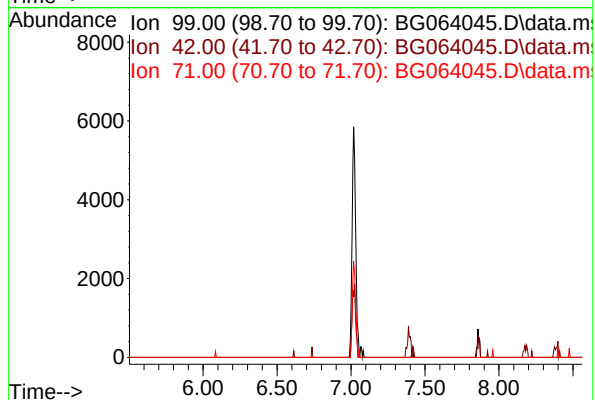
Tgt Ion: 99

Sig Exp Ratio

99 100

42 28.4

71 38.3



#19

n-Nitroso-di-n-propylamine

Concen: 2.343 ng

RT: 8.663 min Scan# 949

Delta R.T. -0.007 min

Lab File: BG064045.D

Acq: 5 Mar 2025 9:02

Tgt Ion: 70 Resp: 4175

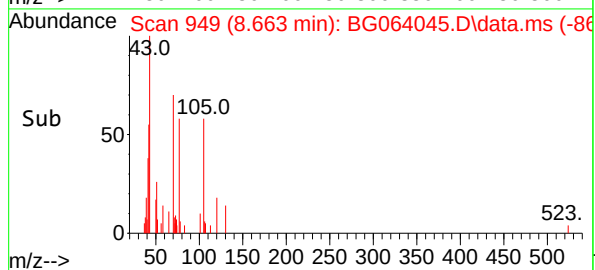
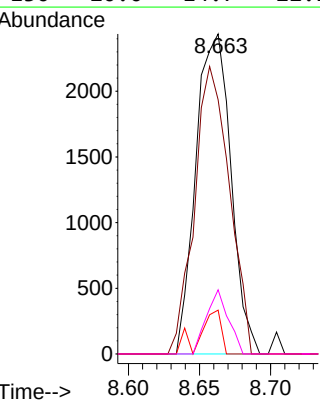
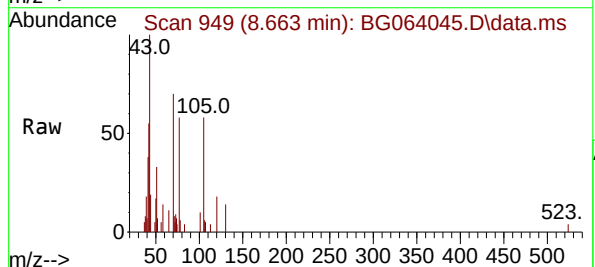
Ion Ratio Lower Upper

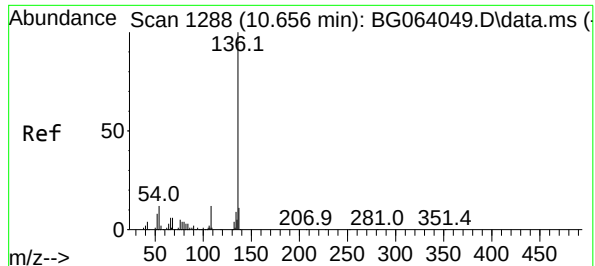
70 100

42 79.5 72.1 108.1

101 13.7 7.2 10.8

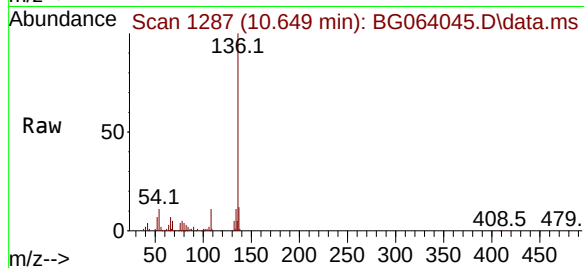
130 20.0 14.7 22.1



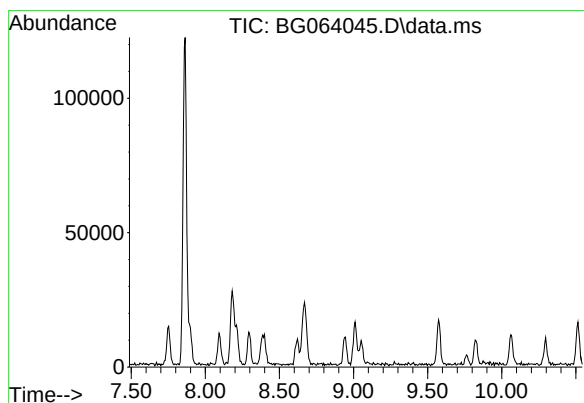
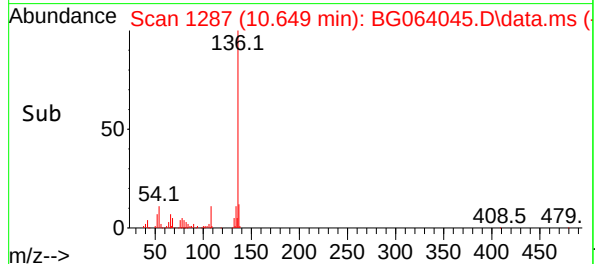
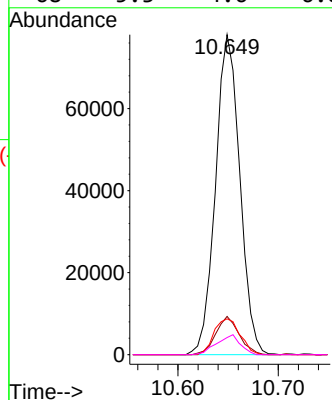


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.649 min Scan# 11  
Delta R.T. -0.007 min  
Lab File: BG064045.D  
Acq: 5 Mar 2025 9:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5



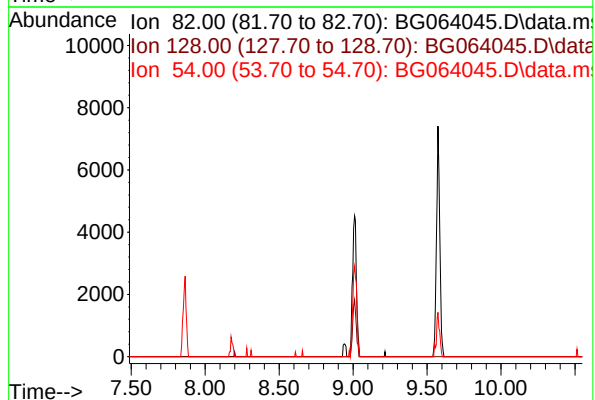
Tgt Ion:136 Resp: 131138  
Ion Ratio Lower Upper  
136 100  
137 11.9 8.5 12.7  
54 11.2 9.9 14.9  
68 5.3 4.6 6.8



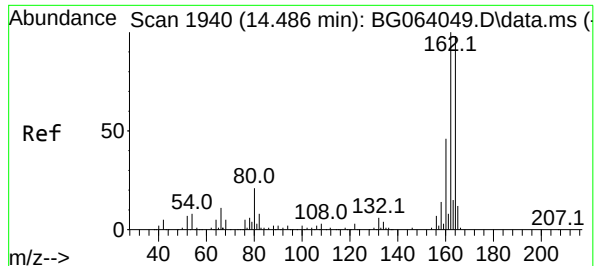
#23  
Nitrobenzene-d5  
Concen: 0.000 ng  
Expected RT: 9.02 min

Lab File: BG064045.D  
Acq: 5 Mar 2025 9:02

Tgt Ion: 82  
Sig Exp Ratio  
82 100  
128 37.5  
54 68.4







#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.486 min Scan# 1940

Delta R.T. -0.000 min

Lab File: BG064045.D

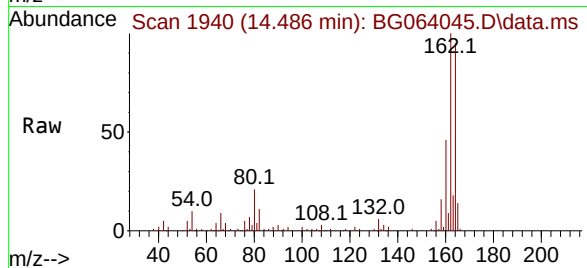
Acq: 5 Mar 2025 9:02

Instrument :

BNA\_G

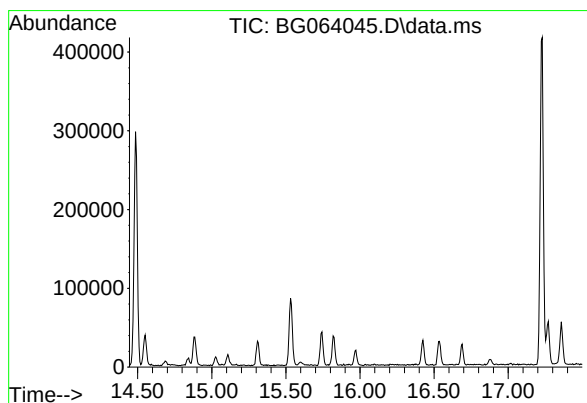
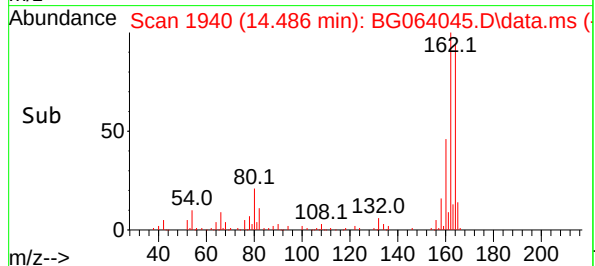
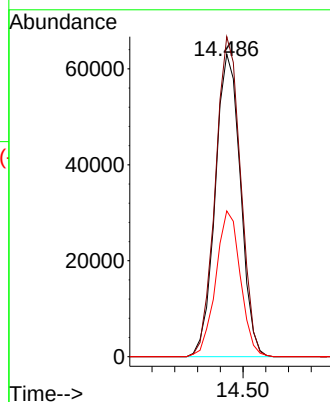
ClientSampleId :

SSTDICC2.5



Tgt Ion:164 Resp: 97001

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 105.8 | 81.4  | 122.0 |
| 160 | 48.2  | 37.0  | 55.6  |



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

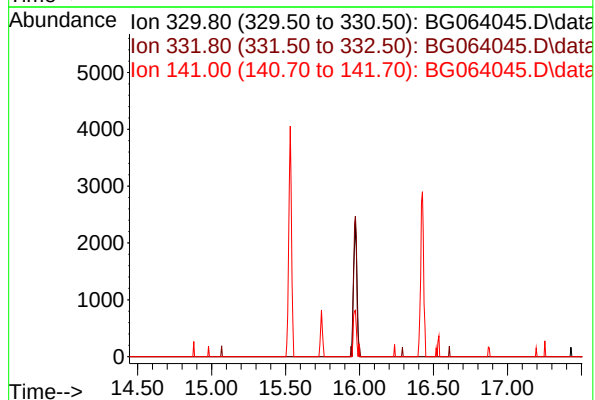
Expected RT: 15.97 min

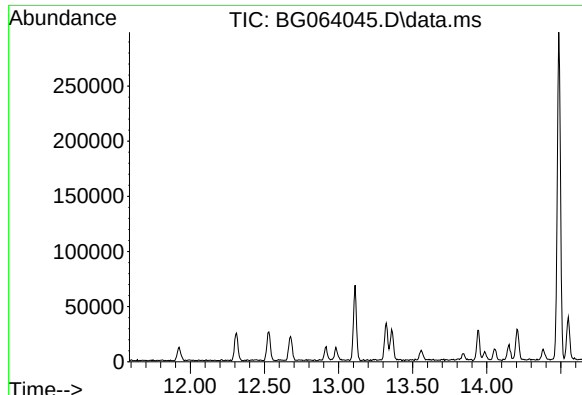
Lab File: BG064045.D

Acq: 5 Mar 2025 9:02

Tgt Ion: 330

| Sig | Exp Ratio |
|-----|-----------|
| 330 | 100       |
| 332 | 95.9      |
| 141 | 37.1      |





#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 13.12 min

Lab File: BG064045.D

Acq: 5 Mar 2025 9:02

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5

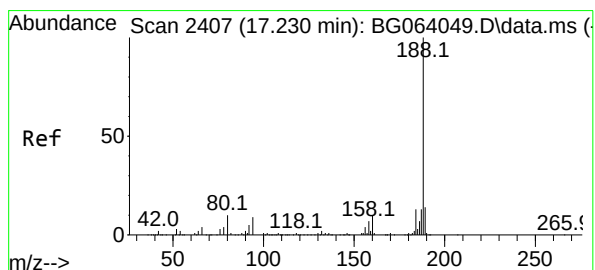
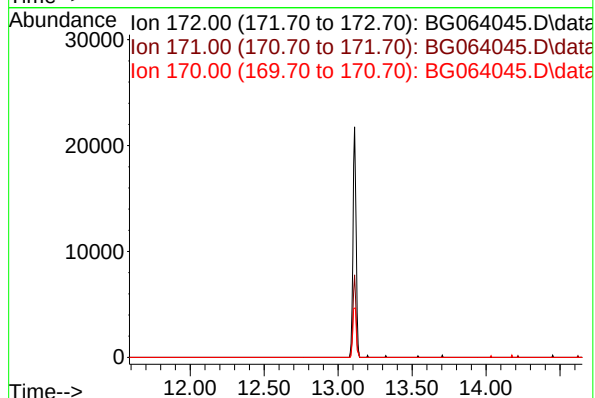
Tgt Ion: 172

Sig Exp Ratio

172 100

171 35.0

170 23.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.229 min Scan# 2407

Delta R.T. -0.001 min

Lab File: BG064045.D

Acq: 5 Mar 2025 9:02

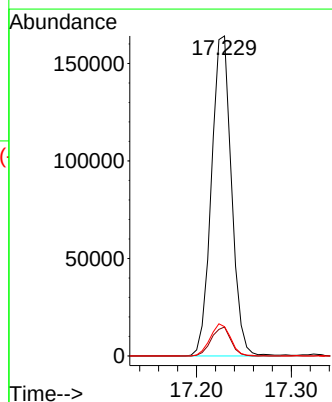
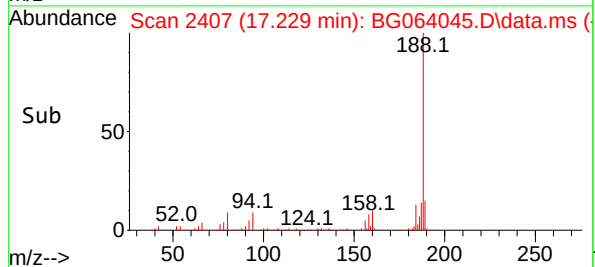
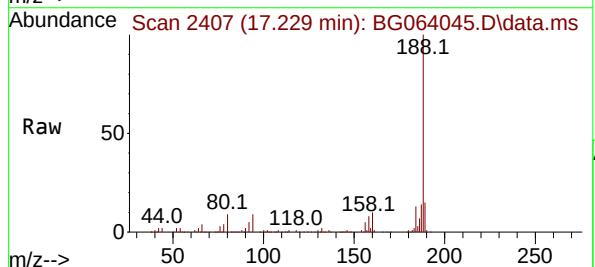
Tgt Ion: 188 Resp: 240464

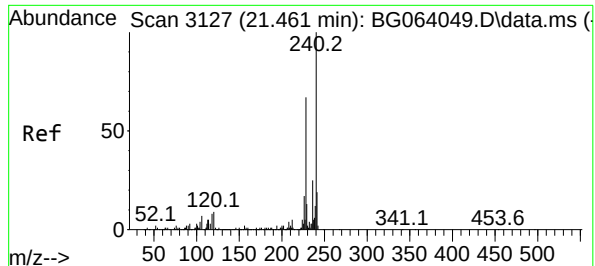
Ion Ratio Lower Upper

188 100

94 9.1 6.9 10.3

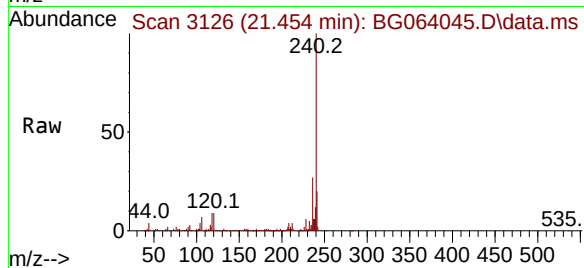
80 9.1 8.1 12.1



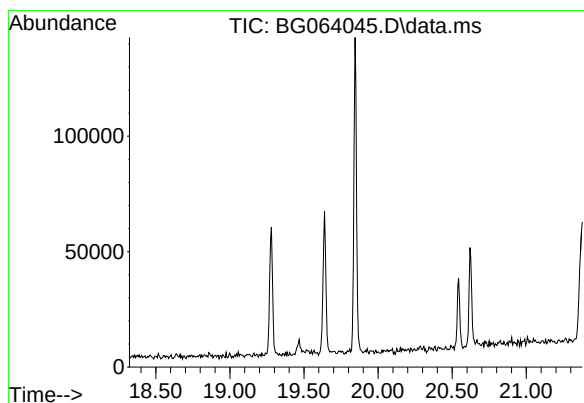
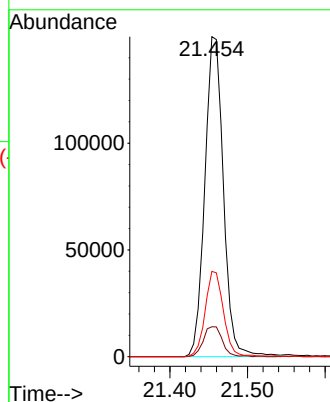
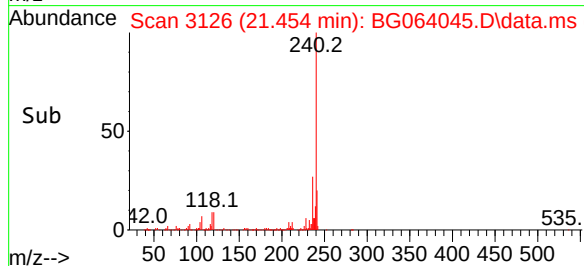


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.454 min Scan# 31  
Delta R.T. -0.007 min  
Lab File: BG064045.D  
Acq: 5 Mar 2025 9:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5



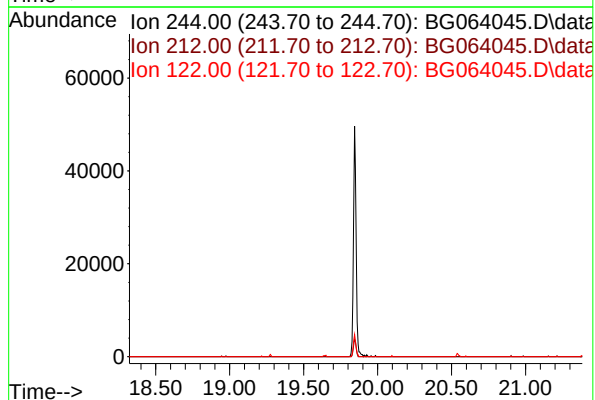
Tgt Ion: 240 Resp: 249925  
Ion Ratio Lower Upper  
240 100  
120 9.3 7.2 10.8  
236 26.6 20.2 30.2

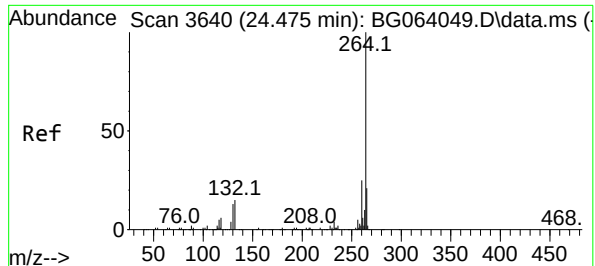


#79  
Terphenyl-d14  
Concen: 0.000 ng  
Expected RT: 19.85 min

Lab File: BG064045.D  
Acq: 5 Mar 2025 9:02

Tgt Ion: 244  
Sig Exp Ratio  
244 100  
212 7.8  
122 10.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.474 min Scan# 30

Delta R.T. -0.001 min

Lab File: BG064045.D

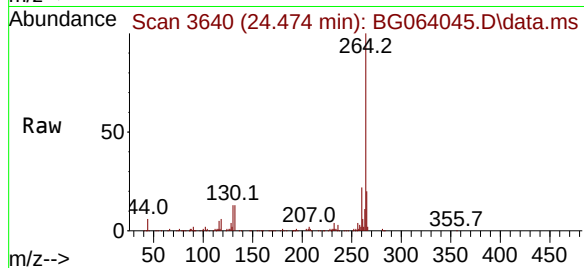
Acq: 5 Mar 2025 9:02

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5



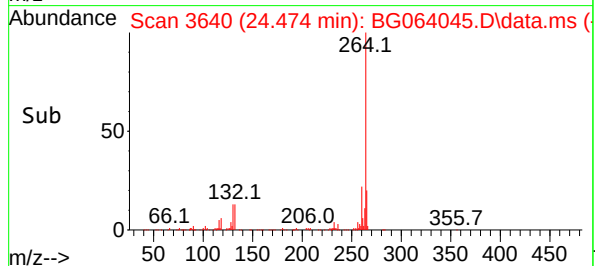
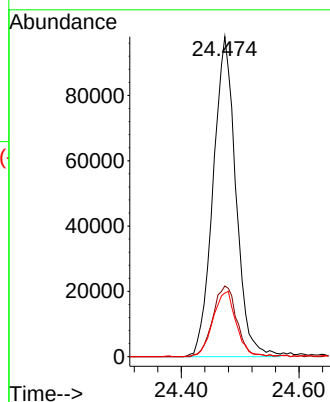
Tgt Ion:264 Resp: 262700

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
|-----|-------|-------|-------|

|     |     |  |  |
|-----|-----|--|--|
| 264 | 100 |  |  |
|-----|-----|--|--|

|     |      |      |      |
|-----|------|------|------|
| 260 | 22.1 | 19.6 | 29.4 |
|-----|------|------|------|

|     |      |      |      |
|-----|------|------|------|
| 265 | 19.9 | 16.6 | 25.0 |
|-----|------|------|------|



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030525\  
 Data File : BG064046.D  
 Acq On : 5 Mar 2025 9:42  
 Operator : RC/JU  
 Sample : SSTDICC005  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDICC005

## Manual Integrations

## APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025

Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:20:42 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 05 14:45:06 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.865  | 152  | 33357    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.650 | 136  | 142015   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.487 | 164  | 99722    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.225 | 188  | 234862   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.455 | 240  | 251570   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.469 | 264  | 257404   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.450  | 112  | 19435    | 9.098  | ng    | 0.00     |
| 7) Phenol-d6                  | 7.025  | 99   | 26345    | 9.065  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.011  | 82   | 20601    | 8.016  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.967 | 330  | 8299     | 7.487  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.112 | 172  | 68235    | 10.386 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.845 | 244  | 127223   | 10.226 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.376  | 88   | 4983     | 5.147  | ng    | 88       |
| 3) Pyridine                   | 3.764  | 79   | 12091    | 5.135  | ng    | 90       |
| 4) n-Nitrosodimethylamine     | 3.676  | 42   | 7436     | 4.420  | ng    | # 86     |
| 6) Aniline                    | 7.189  | 93   | 13285    | 4.659  | ng    | # 90     |
| 8) 2-Chlorophenol             | 7.424  | 128  | 10525    | 4.587  | ng    | 93       |
| 9) Benzaldehyde               | 7.007  | 77   | 9269     | 5.456  | ng    | 91       |
| 10) Phenol                    | 7.048  | 94   | 13256    | 4.455  | ng    | 95       |
| 11) bis(2-Chloroethyl)ether   | 7.289  | 93   | 11465    | 4.915  | ng    | 92       |
| 12) 1,3-Dichlorobenzene       | 7.753  | 146  | 12701    | 5.041  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.894  | 146  | 12909m   | 4.999  | ng    |          |
| 14) 1,2-Dichlorobenzene       | 8.218  | 146  | 12410m   | 4.983  | ng    |          |
| 15) Benzyl Alcohol            | 8.094  | 79   | 9299     | 4.141  | ng    | # 91     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.400  | 45   | 25555    | 4.872  | ng    | 94       |
| 17) 2-Methylphenol            | 8.300  | 107  | 8465     | 4.287  | ng    | 88       |
| 18) Hexachloroethane          | 8.946  | 117  | 4075     | 4.510  | ng    | 85       |
| 19) n-Nitroso-di-n-propyla... | 8.664  | 70   | 9131     | 4.477  | ng    | # 96     |
| 20) 3+4-Methylphenols         | 8.623  | 107  | 11690    | 4.300  | ng    | 95       |
| 22) Acetophenone              | 8.676  | 105  | 18540    | 4.761  | ng    | 95       |
| 24) Nitrobenzene              | 9.052  | 77   | 10563    | 3.977  | ng    | # 91     |
| 25) Isophorone                | 9.575  | 82   | 25179    | 4.895  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.769  | 139  | 2362     | 6.094  | ng    | 88       |
| 27) 2,4-Dimethylphenol        | 9.822  | 122  | 6887     | 4.466  | ng    | # 88     |
| 28) bis(2-Chloroethoxy)met... | 10.062 | 93   | 15067    | 4.832  | ng    | 95       |
| 29) 2,4-Dichlorophenol        | 10.297 | 162  | 7898     | 4.056  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 10.515 | 180  | 11480    | 4.884  | ng    | 93       |
| 31) Naphthalene               | 10.703 | 128  | 38285    | 4.999  | ng    | 99       |
| 33) 4-Chloroaniline           | 10.809 | 127  | 12591    | 4.499  | ng    | 95       |
| 34) Hexachlorobutadiene       | 10.997 | 225  | 7373     | 4.786  | ng    | # 91     |
| 35) Caprolactam               | 11.537 | 113  | 3052     | 4.090  | ng    | # 89     |
| 36) 4-Chloro-3-methylphenol   | 11.925 | 107  | 10408    | 4.078  | ng    | 92       |
| 37) 2-Methylnaphthalene       | 12.313 | 142  | 27533    | 5.093  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.530 | 142  | 26458    | 4.995  | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 12.677 | 216  | 13634    | 4.789  | ng    | 94       |
| 41) Hexachlorocyclopentadiene | 12.665 | 237  | 3078     | 3.841  | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 12.912 | 196  | 6684m    | 3.983  | ng    |          |
| 44) 2,4,5-Trichlorophenol     | 12.983 | 196  | 7092     | 3.804  | ng    | 94       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030525\  
 Data File : BG064046.D  
 Acq On : 5 Mar 2025 9:42  
 Operator : RC/JU  
 Sample : SSTDICC005  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDICC005

## Manual Integrations

## APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
 Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:20:42 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 05 14:45:06 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 46) 1,1'-Biphenyl             | 13.323 | 154  | 37550    | 4.984 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.359 | 162  | 27076    | 4.928 | ng    | 95       |
| 48) 2-Nitroaniline            | 13.552 | 65   | 4908     | 6.075 | ng    | 84       |
| 49) Acenaphthylene            | 14.205 | 152  | 42736    | 4.917 | ng    | 96       |
| 50) Dimethylphthalate         | 13.940 | 163  | 35694    | 4.849 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.058 | 165  | 3942     | 5.812 | ng    | # 81     |
| 52) Acenaphthene              | 14.551 | 154  | 29044m   | 4.969 | ng    |          |
| 53) 3-Nitroaniline            | 14.387 | 138  | 4736     | 3.329 | ng    | # 84     |
| 55) Dibenzofuran              | 14.880 | 168  | 48004    | 5.080 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 14.839 | 165  | 5618     | 6.165 | ng    | # 95     |
| 58) Fluorene                  | 15.532 | 166  | 38777    | 5.269 | ng    | 90       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.109 | 232  | 6538     | 3.597 | ng    | # 94     |
| 60) Diethylphthalate          | 15.309 | 149  | 37289    | 4.666 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.532 | 204  | 18807    | 5.142 | ng    | 89       |
| 62) 4-Nitroaniline            | 15.538 | 138  | 5314     | 3.460 | ng    | 93       |
| 63) Azobenzene                | 15.820 | 77   | 43236    | 5.070 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 15.744 | 169  | 32754    | 4.927 | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 16.426 | 248  | 10898    | 4.531 | ng    | 93       |
| 68) Hexachlorobenzene         | 16.531 | 284  | 13351    | 4.958 | ng    | 99       |
| 69) Atrazine                  | 16.690 | 200  | 10297    | 5.264 | ng    | 89       |
| 71) Phenanthrene              | 17.266 | 178  | 63629    | 5.079 | ng    | 98       |
| 72) Anthracene                | 17.354 | 178  | 60108    | 4.825 | ng    | 98       |
| 73) Carbazole                 | 17.624 | 167  | 55726    | 4.792 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.200 | 149  | 54700    | 3.996 | ng    | # 95     |
| 75) Fluoranthene              | 19.275 | 202  | 74694    | 4.946 | ng    | 99       |
| 77) Benzidine                 | 19.463 | 184  | 13919m   | 3.941 | ng    |          |
| 78) Pyrene                    | 19.639 | 202  | 78707    | 4.853 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.538 | 149  | 17899    | 6.356 | ng    | 96       |
| 81) Benzo(a)anthracene        | 21.437 | 228  | 76566    | 4.751 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.361 | 252  | 22038    | 4.226 | ng    | 89       |
| 83) Chrysene                  | 21.502 | 228  | 80580    | 5.014 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.379 | 149  | 31674    | 3.634 | ng    | 94       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.865 | 276  | 78681    | 4.569 | ng    | # 94     |
| 88) Benzo(b)fluoranthene      | 23.523 | 252  | 74031    | 4.757 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.588 | 252  | 71522    | 4.582 | ng    | 98       |
| 90) Benzo(a)pyrene            | 24.322 | 252  | 63881    | 4.610 | ng    | # 96     |
| 91) Dibenzo(a,h)anthracene    | 27.912 | 278  | 66224    | 4.638 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 28.905 | 276  | 67535    | 4.607 | ng    | # 93     |

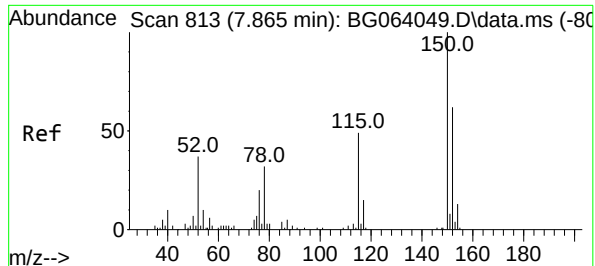
(#) = qualifier out of range (m) = manual integration (+) = signals summed

**Instrument :**  
BNA\_G  
**ClientSampleId :**  
SSTDICC005

## Manual Integrations APPROVED

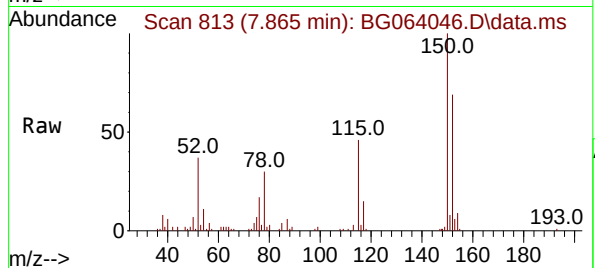
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.865 min Scan# 813  
Delta R.T. -0.000 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

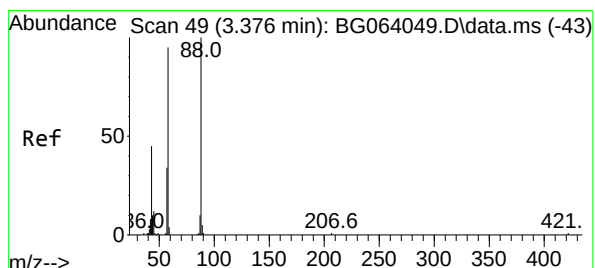
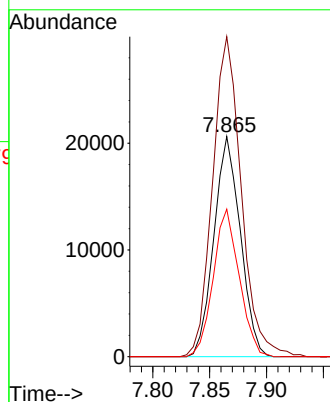
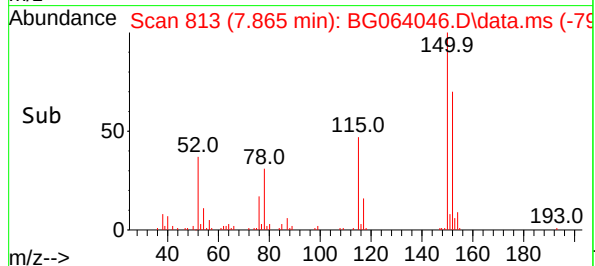
Instrument :  
BNA\_G  
Client Sample Id :  
SSTDICC005



Tgt Ion: 152 Resp: 3335  
Ion Ratio Lower Upper  
152 100  
150 145.3 129.2 193.8  
115 67.0 63.0 94.6

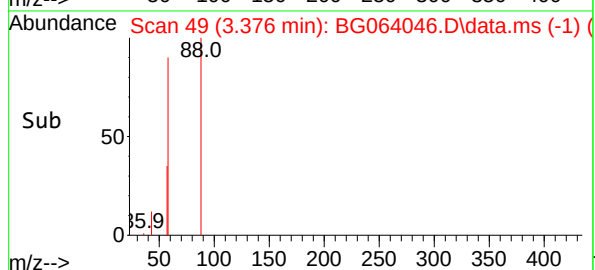
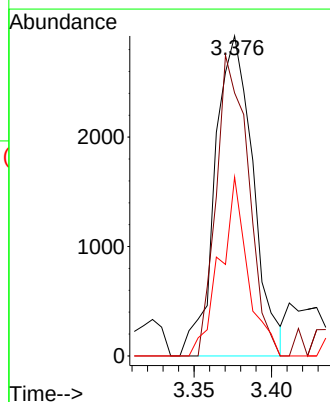
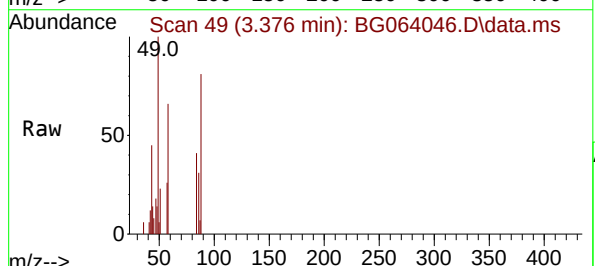
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

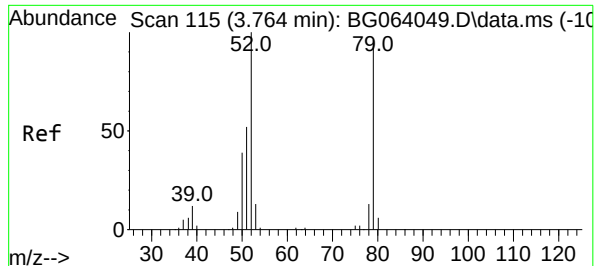


#2  
1,4-Dioxane  
Concen: 5.147 ng  
RT: 3.376 min Scan# 49  
Delta R.T. 0.000 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

Tgt Ion: 88 Resp: 4983  
Ion Ratio Lower Upper  
88 100  
58 79.5 74.6 111.8  
43 40.5 35.5 53.3

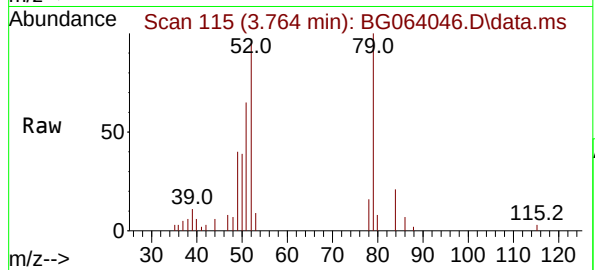






#3  
Pyridine  
Concen: 5.135 ng  
RT: 3.764 min Scan# 115  
Delta R.T. 0.000 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

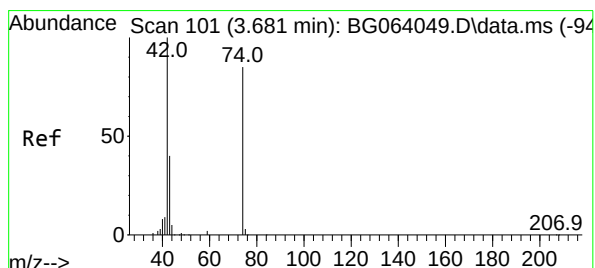
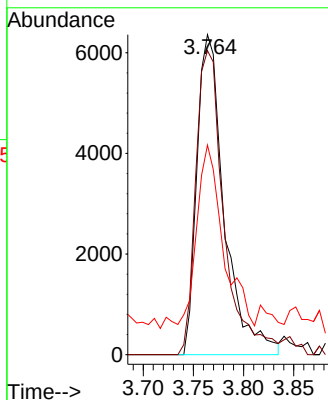
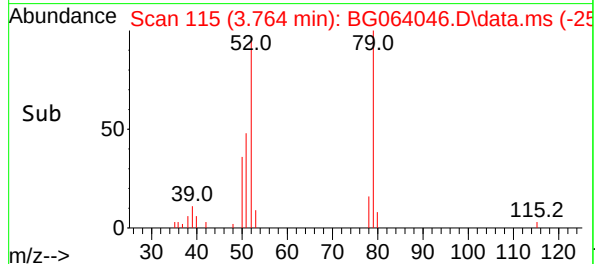
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion: 79 Resp: 1209  
Ion Ratio Lower Upper  
79 100  
52 95.0 83.0 124.6  
51 65.5 44.3 66.5

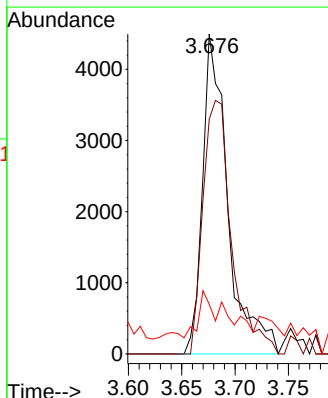
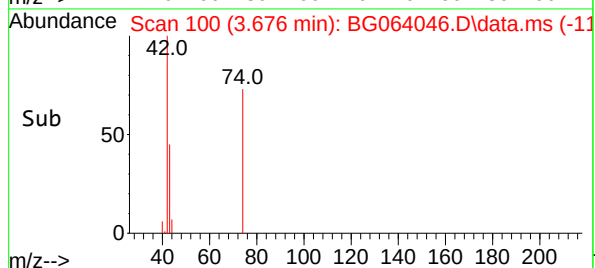
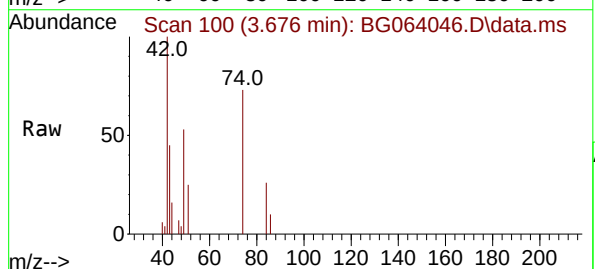
Manual Integrations  
APPROVED

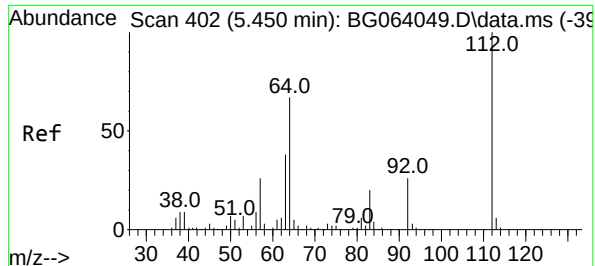
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#4  
n-Nitrosodimethylamine  
Concen: 4.420 ng  
RT: 3.676 min Scan# 100  
Delta R.T. -0.006 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

Tgt Ion: 42 Resp: 7436  
Ion Ratio Lower Upper  
42 100  
74 73.4 68.0 102.0  
44 15.6 4.9 7.3#





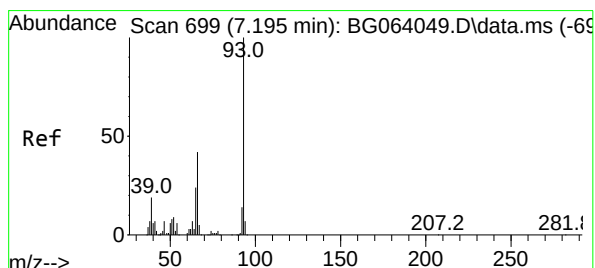
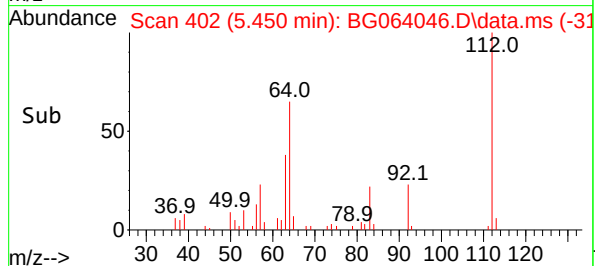
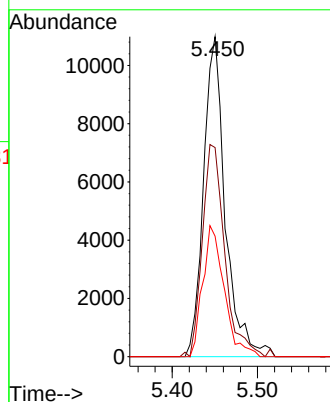
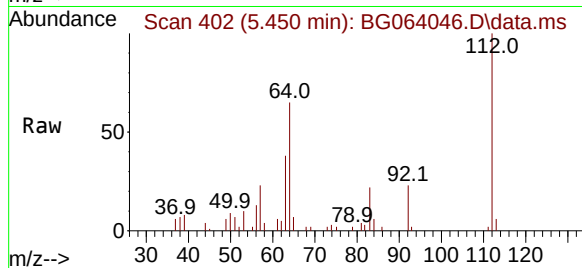
#5  
2-Fluorophenol  
Concen: 9.098 ng  
RT: 5.450 min Scan# 402  
Delta R.T. 0.000 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005

Tgt Ion: 112 Resp: 1943  
Ion Ratio Lower Upper  
112 100  
64 65.4 53.7 80.5  
63 37.6 30.2 45.4

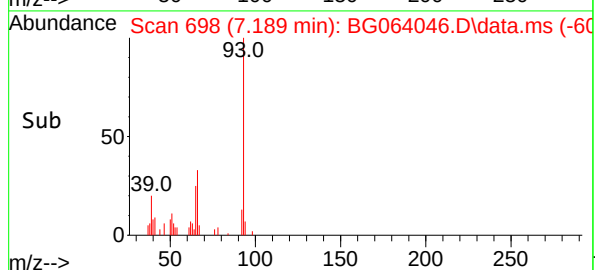
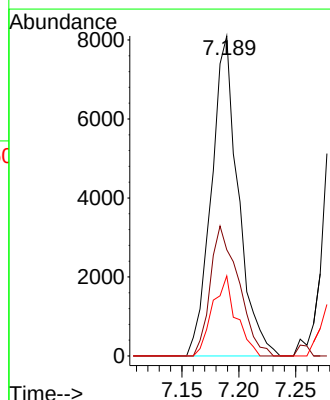
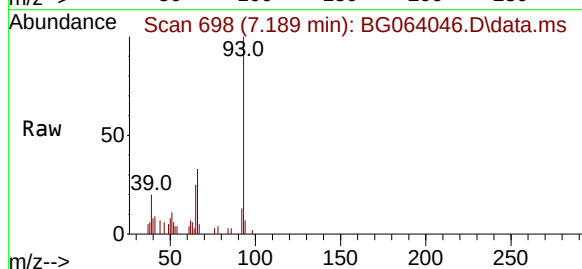
Manual Integrations  
APPROVED

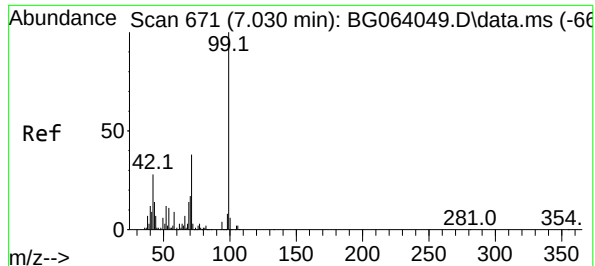
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#6  
Aniline  
Concen: 4.659 ng  
RT: 7.189 min Scan# 698  
Delta R.T. -0.006 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

Tgt Ion: 93 Resp: 13285  
Ion Ratio Lower Upper  
93 100  
66 33.2 33.7 50.5  
65 25.0 19.1 28.7





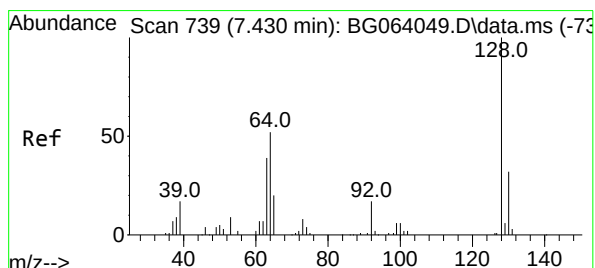
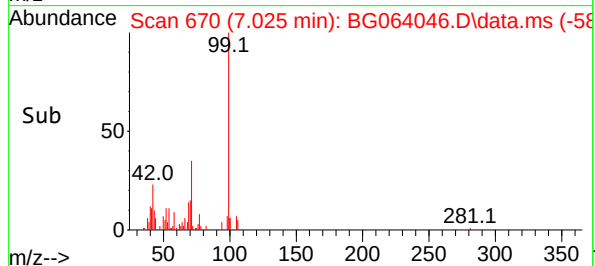
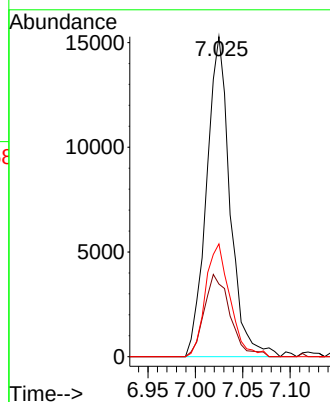
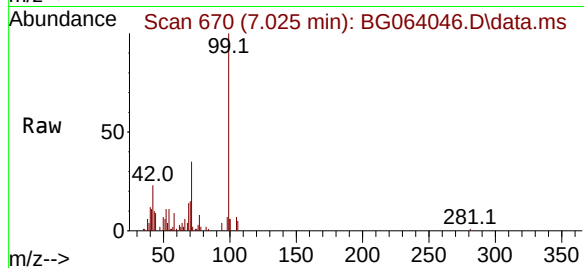
#7  
Phenol-d6  
Concen: 9.065 ng  
RT: 7.025 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 99      | 100   |       |       |
| 42      | 22.7  | 22.7  | 34.1  |
| 71      | 35.2  | 30.6  | 46.0  |

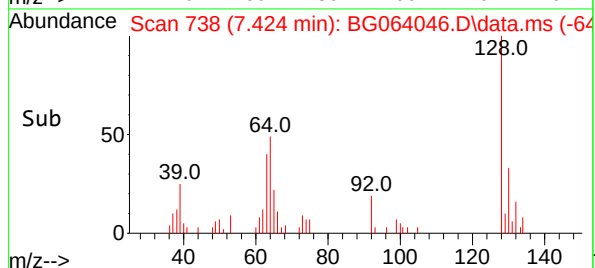
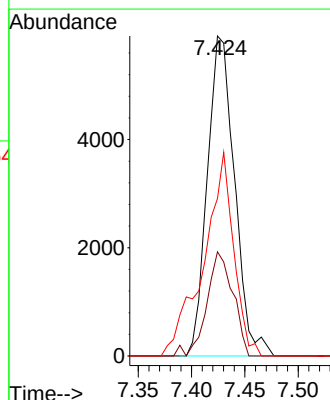
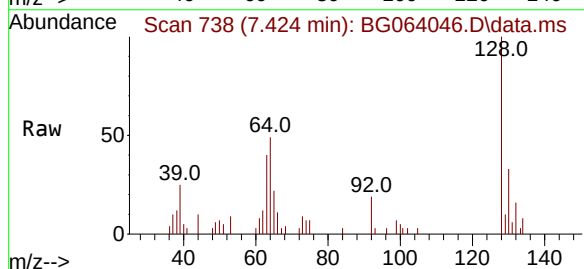
Manual Integrations  
APPROVED

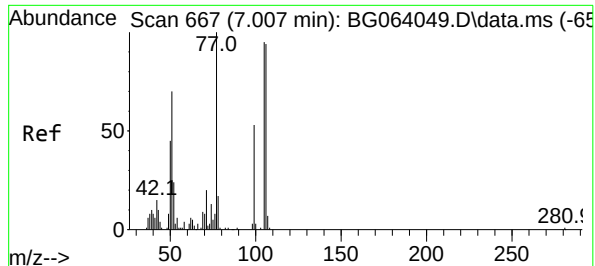
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#8  
2-Chlorophenol  
Concen: 4.587 ng  
RT: 7.424 min Scan# 738  
Delta R.T. -0.006 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

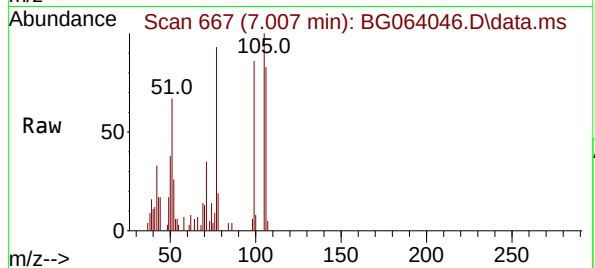
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 130     | 32.5  | 12.3  | 52.3  |
| 64      | 49.2  | 37.0  | 77.0  |





#9  
Benzaldehyde  
Concen: 5.456 ng  
RT: 7.007 min Scan# 667  
Delta R.T. 0.000 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

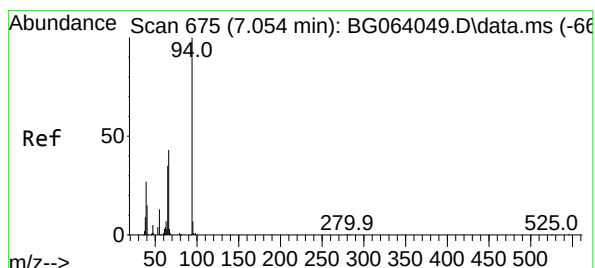
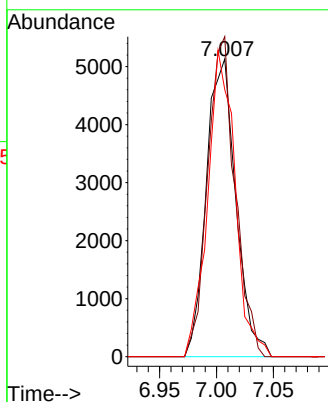
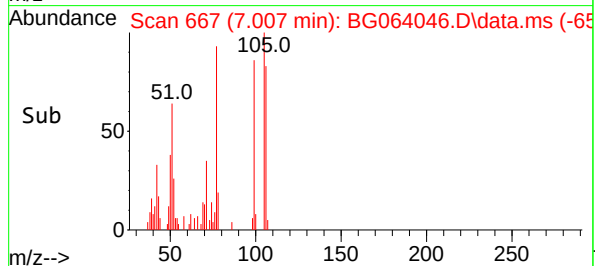
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion: 77 Resp: 9269  
Ion Ratio Lower Upper  
77 100  
105 107.4 75.5 115.5  
106 89.7 74.2 114.2

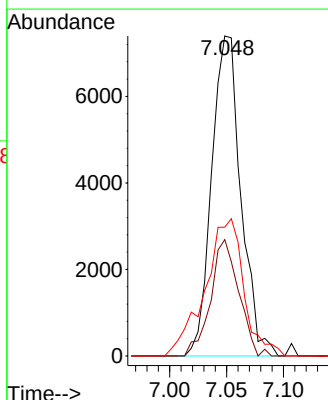
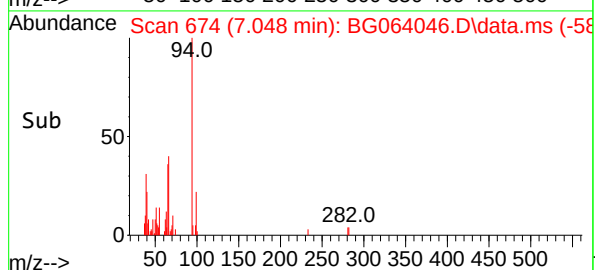
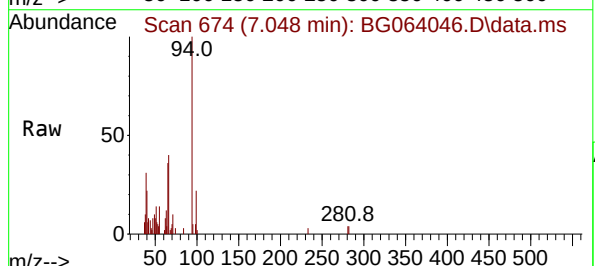
Manual Integrations  
APPROVED

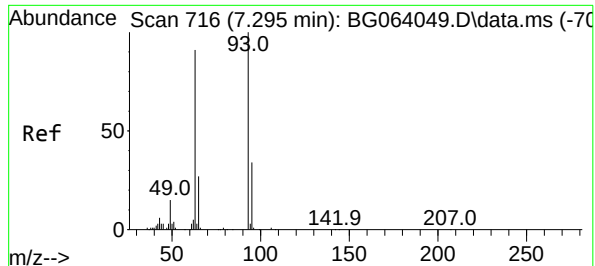
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#10  
Phenol  
Concen: 4.455 ng  
RT: 7.048 min Scan# 674  
Delta R.T. -0.006 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

Tgt Ion: 94 Resp: 13256  
Ion Ratio Lower Upper  
94 100  
65 36.4 15.2 55.2  
66 40.2 25.1 65.1





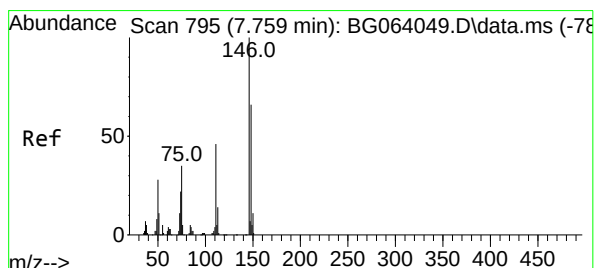
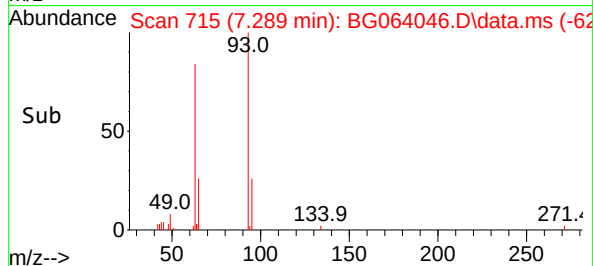
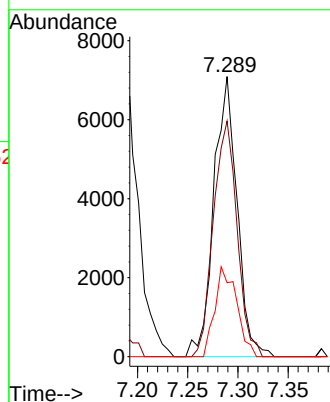
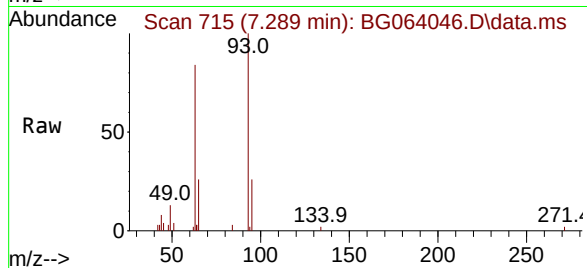
#11  
bis(2-Chloroethyl)ether  
Concen: 4.915 ng  
RT: 7.289 min Scan# 716  
Delta R.T. -0.006 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005

Tgt Ion: 93 Resp: 1146  
Ion Ratio Lower Upper  
93 100  
63 84.1 70.0 110.0  
95 26.4 13.7 53.7

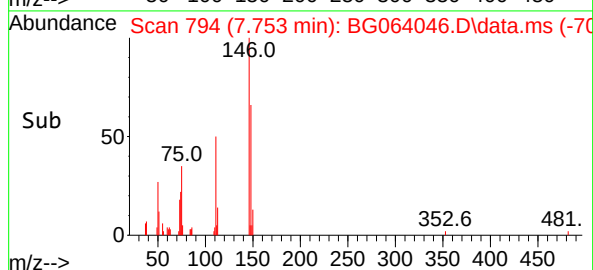
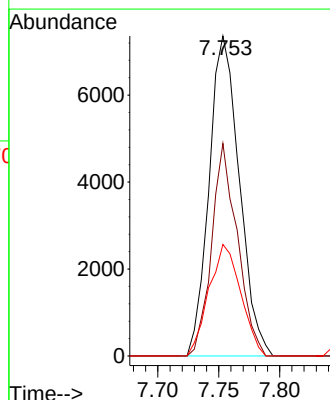
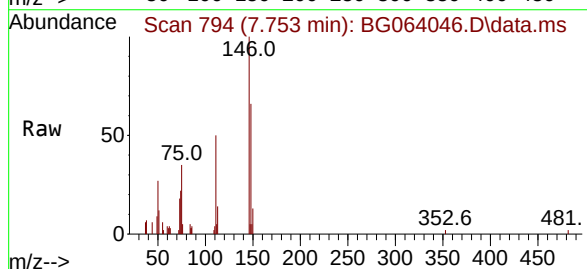
Manual Integrations  
APPROVED

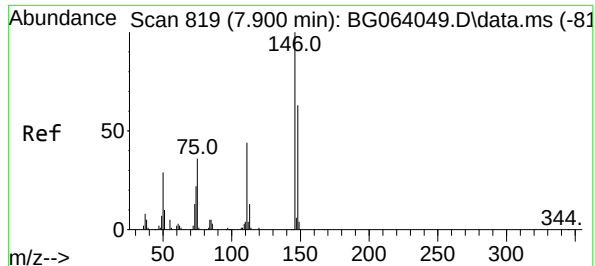
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#12  
1,3-Dichlorobenzene  
Concen: 5.041 ng  
RT: 7.753 min Scan# 794  
Delta R.T. -0.006 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

Tgt Ion:146 Resp: 12701  
Ion Ratio Lower Upper  
146 100  
148 66.4 52.6 78.8  
75 34.9 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 4.999 ng m

RT: 7.894 min Scan# 819

Delta R.T. -0.006 min

Lab File: BG064046.D

Acq: 5 Mar 2025 9:42

Instrument :

BNA\_G

ClientSampleId :

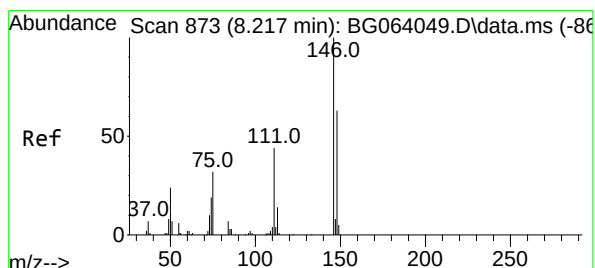
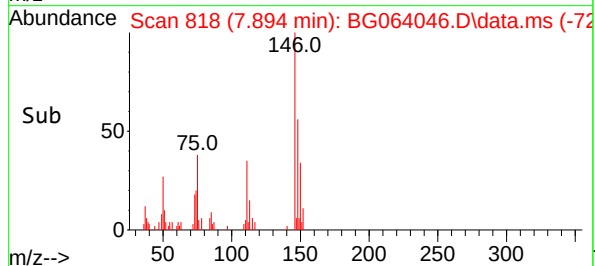
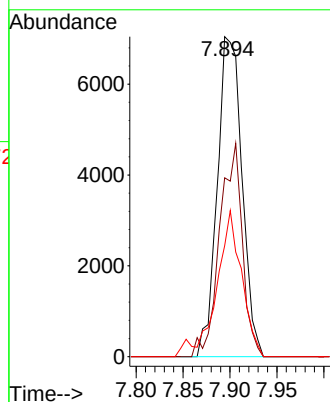
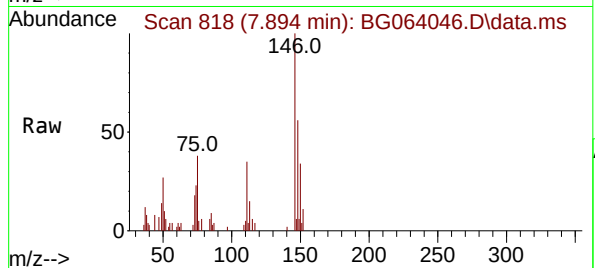
SSTDICC005

| Tgt Ion   | 146   | Resp  | 1290 |
|-----------|-------|-------|------|
| Ion Ratio | Lower | Upper |      |
| 146       | 100   |       |      |
| 148       | 55.9  | 50.6  | 75.8 |
| 111       | 34.7  | 35.1  | 52.7 |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#14

1,2-Dichlorobenzene

Concen: 4.983 ng m

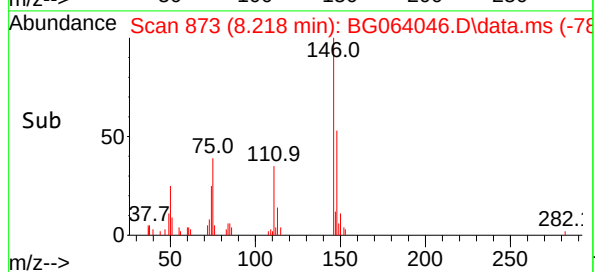
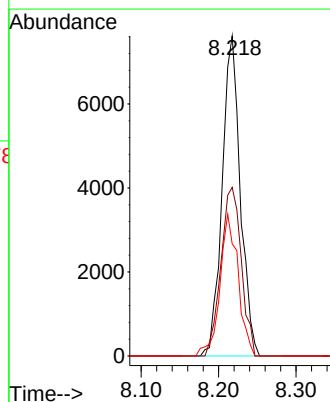
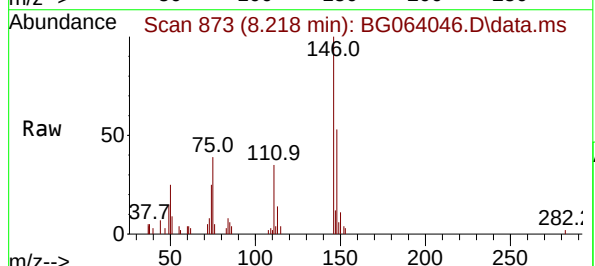
RT: 8.218 min Scan# 873

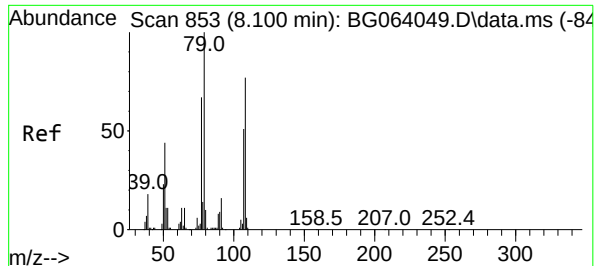
Delta R.T. 0.000 min

Lab File: BG064046.D

Acq: 5 Mar 2025 9:42

| Tgt Ion   | 146   | Resp  | 12410 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 52.7  | 50.2  | 75.2  |
| 111       | 35.0  | 36.4  | 54.6  |





#15

Benzyl Alcohol

Concen: 4.141 ng

RT: 8.094 min Scan# 8

Delta R.T. -0.006 min

Lab File: BG064046.D

Acq: 5 Mar 2025 9:42

Instrument :

BNA\_G

ClientSampleId :

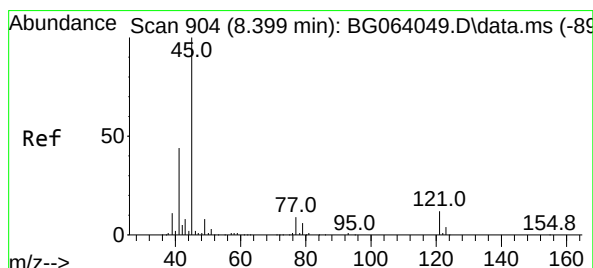
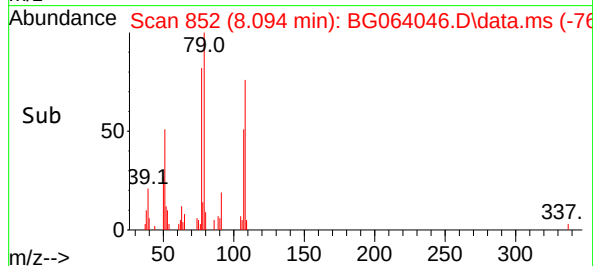
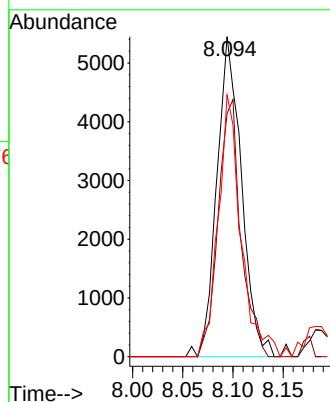
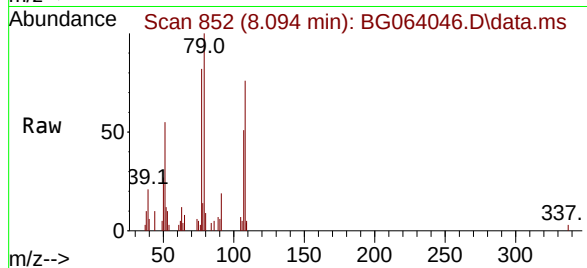
SSTDICC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 79    | Resp: | 929   |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 108      | 76.0  | 61.7  | 92.5  |
| 77       | 81.7  | 53.9  | 80.9  |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 4.872 ng

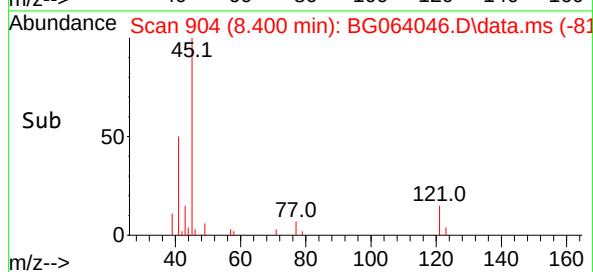
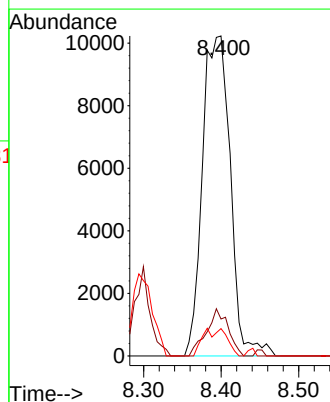
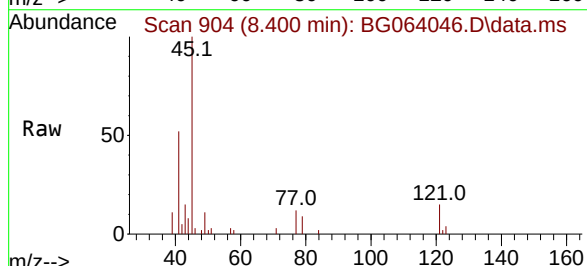
RT: 8.400 min Scan# 904

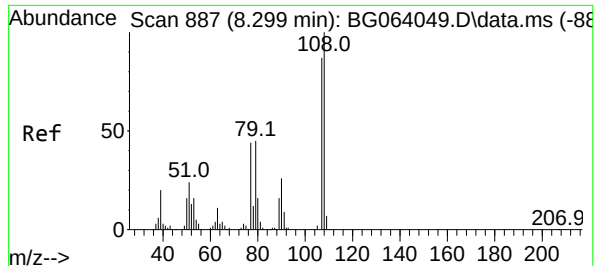
Delta R.T. 0.000 min

Lab File: BG064046.D

Acq: 5 Mar 2025 9:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 45    | Resp: | 25555 |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 77       | 11.5  | 0.0   | 29.0  |
| 79       | 8.5   | 0.0   | 26.6  |





#17

2-Methylphenol

Concen: 4.287 ng

RT: 8.300 min Scan# 887

Delta R.T. 0.000 min

Lab File: BG064046.D

Acq: 5 Mar 2025 9:42

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

Tgt Ion:107 Resp: 846

Ion Ratio Lower Upper

107 100

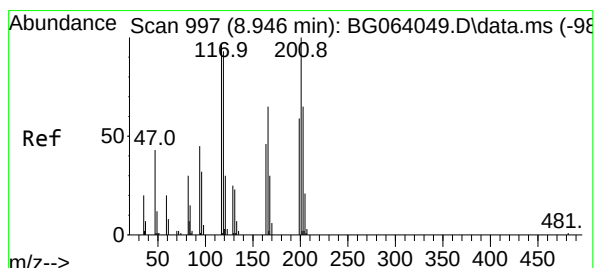
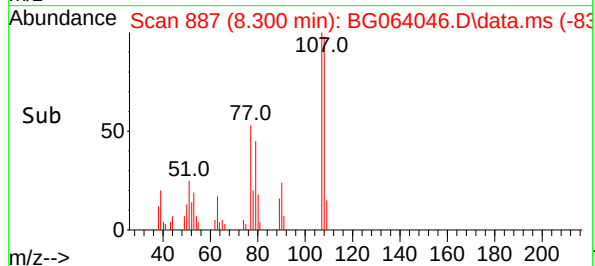
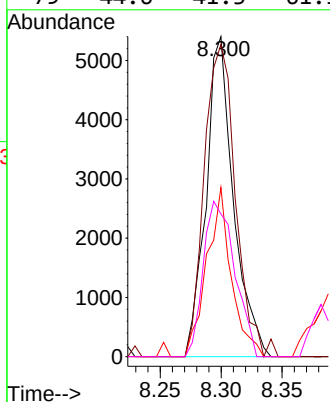
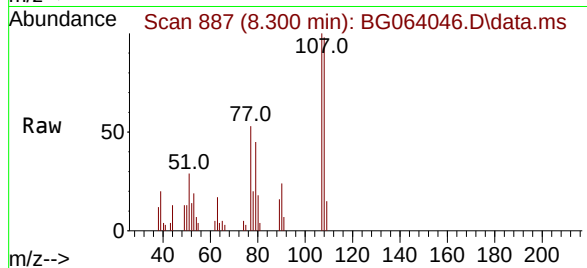
108 97.5 92.5 138.7

77 52.8 40.5 60.7

79 44.6 41.3 61.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

#18

Hexachloroethane

Concen: 4.510 ng

RT: 8.946 min Scan# 997

Delta R.T. 0.000 min

Lab File: BG064046.D

Acq: 5 Mar 2025 9:42

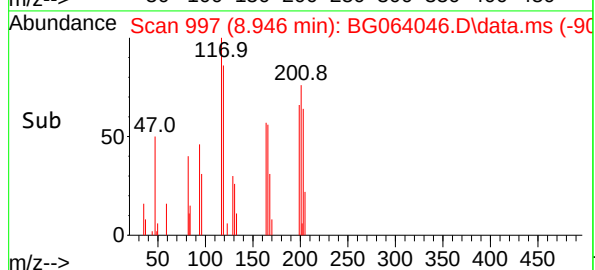
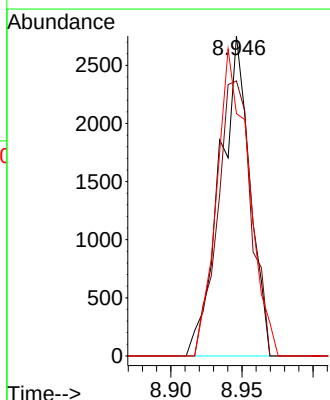
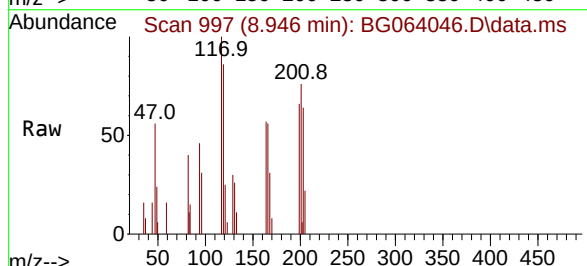
Tgt Ion:117 Resp: 4075

Ion Ratio Lower Upper

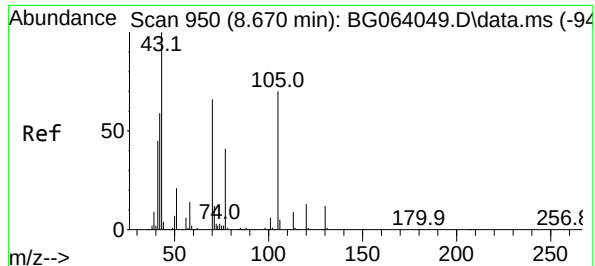
117 100

119 85.9 76.2 114.2

201 81.9 81.5 122.3







#19

n-Nitroso-di-n-propylamine

Concen: 4.477 ng

RT: 8.664 min Scan# 949

Delta R.T. -0.006 min

Lab File: BG064046.D

Acq: 5 Mar 2025 9:42

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

Tgt Ion: 70 Resp: 913

Ion Ratio Lower Upper

70 100

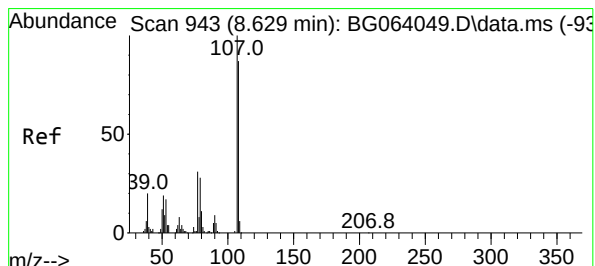
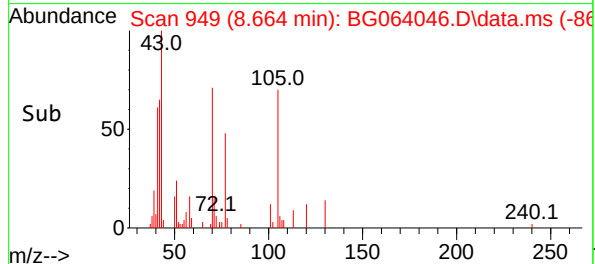
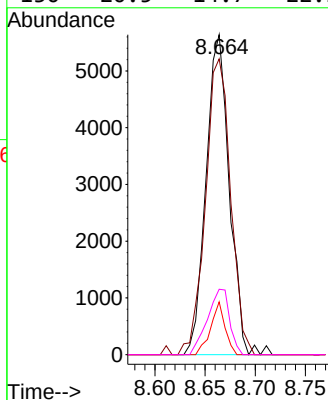
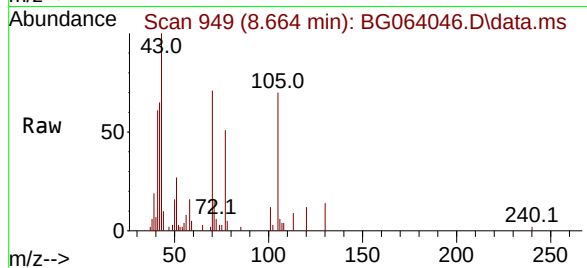
42 92.5 72.1 108.1

101 16.5 7.2 10.8

130 20.5 14.7 22.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

#20

3+4-Methylphenols

Concen: 4.300 ng

RT: 8.623 min Scan# 942

Delta R.T. -0.006 min

Lab File: BG064046.D

Acq: 5 Mar 2025 9:42

Tgt Ion:107 Resp: 11690

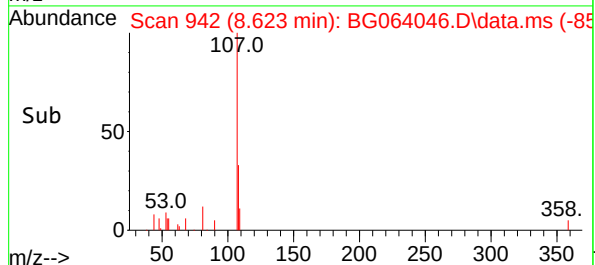
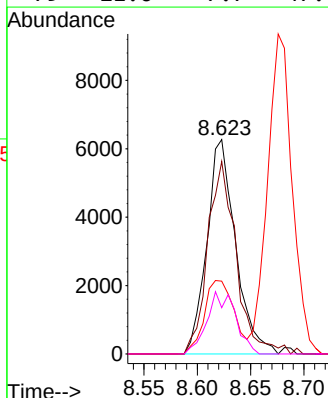
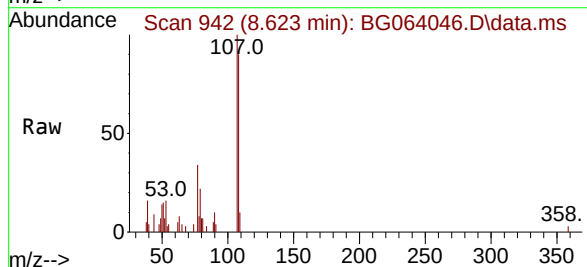
Ion Ratio Lower Upper

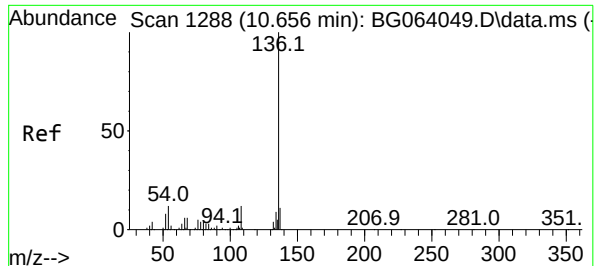
107 100

108 89.8 67.0 107.0

77 33.9 11.2 51.2

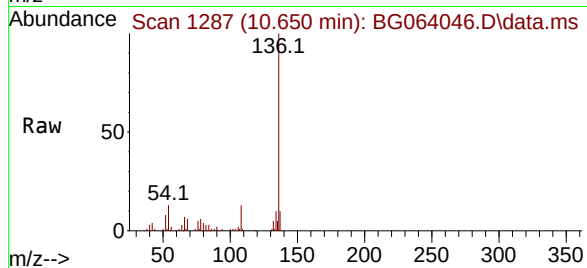
79 21.6 7.7 47.7





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.650 min Scan# 1288  
Delta R.T. -0.006 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

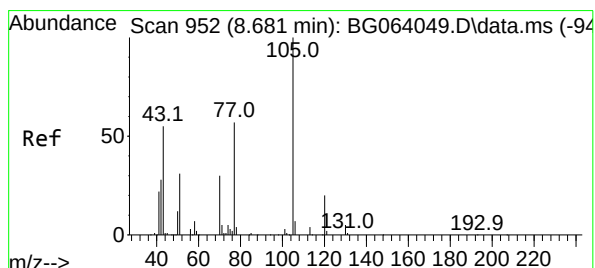
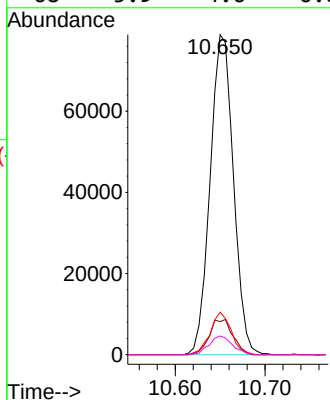
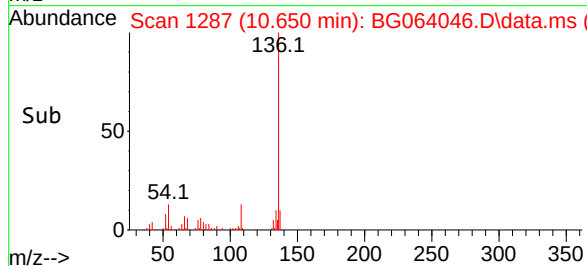
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:136 Resp: 142015  
Ion Ratio Lower Upper  
136 100  
137 10.4 8.5 12.7  
54 13.2 9.9 14.9  
68 5.9 4.6 6.8

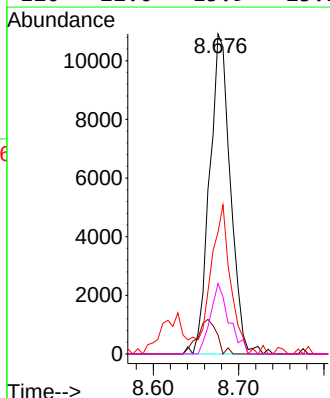
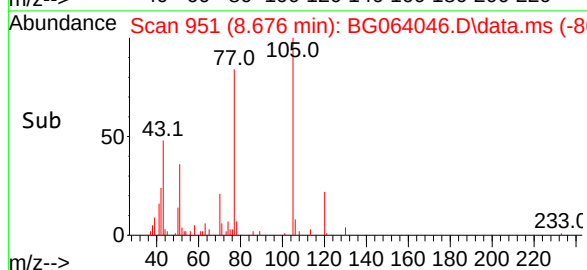
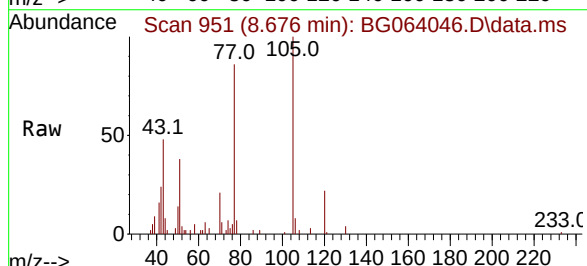
Manual Integrations  
APPROVED

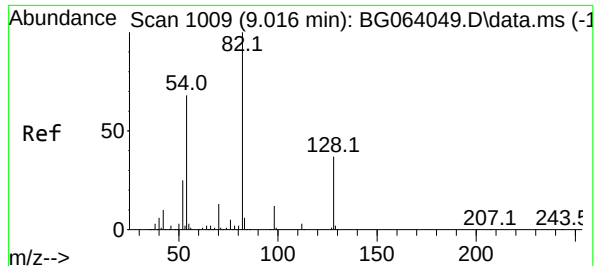
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#22  
Acetophenone  
Concen: 4.761 ng  
RT: 8.676 min Scan# 951  
Delta R.T. -0.006 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

Tgt Ion:105 Resp: 18540  
Ion Ratio Lower Upper  
105 100  
71 5.9 4.2 6.4  
51 38.1 33.3 49.9  
120 22.0 15.9 23.9





#23

Nitrobenzene-d5

Concen: 8.016 ng

RT: 9.011 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BG064046.D

Acq: 5 Mar 2025 9:42

Instrument :

BNA\_G

ClientSampleId :

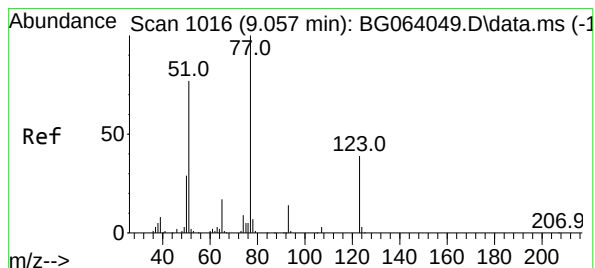
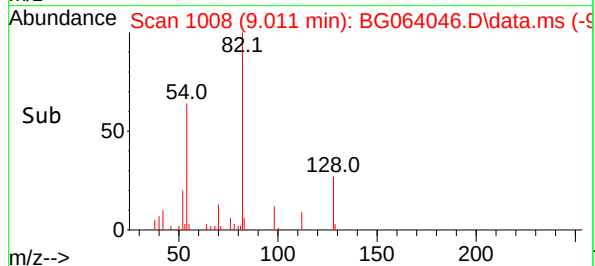
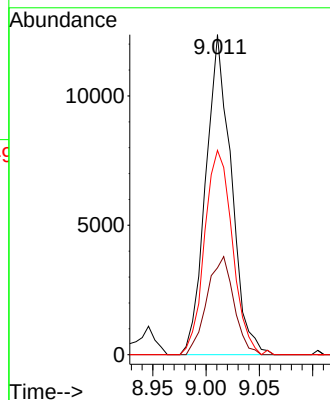
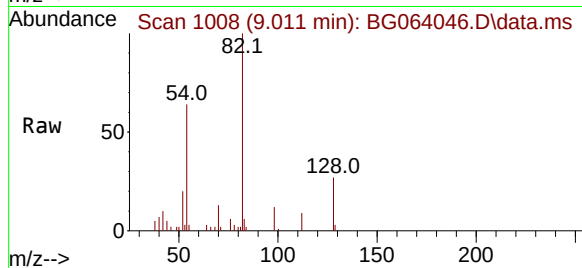
SSTDICC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 2060  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 27.2  | 30.0  | 45.0  |
| 54       | 63.8  | 54.7  | 82.1  |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#24

Nitrobenzene

Concen: 3.977 ng

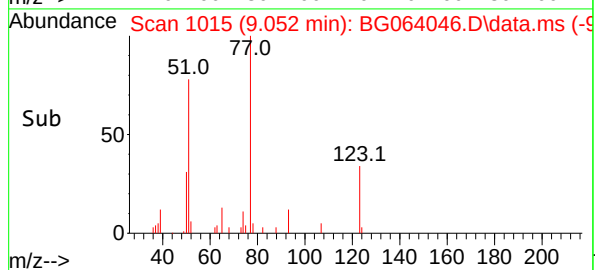
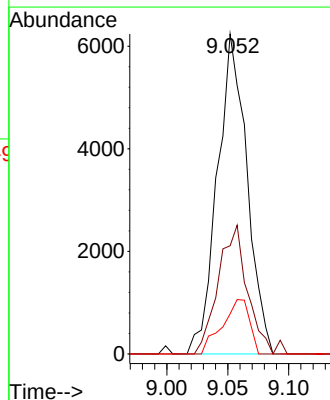
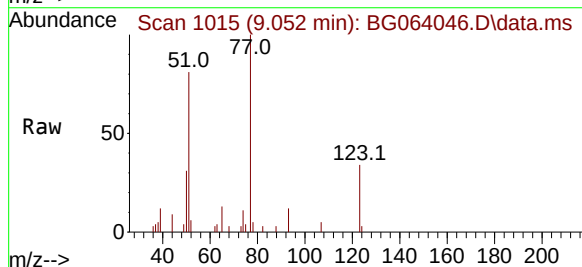
RT: 9.052 min Scan# 1015

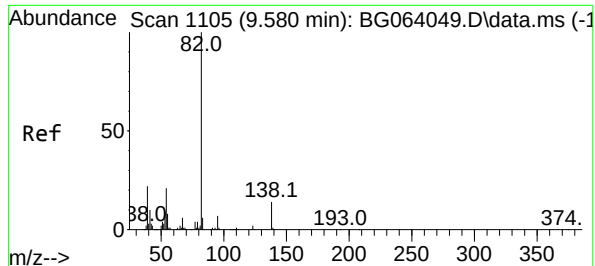
Delta R.T. -0.006 min

Lab File: BG064046.D

Acq: 5 Mar 2025 9:42

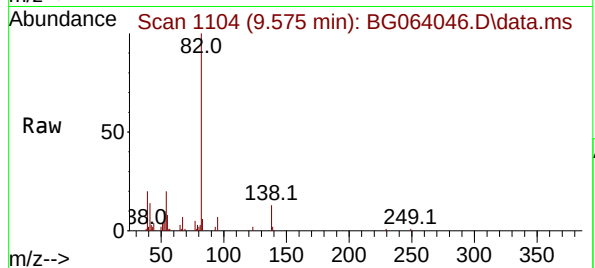
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 10563 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 123      | 33.8  | 31.4  | 47.2  |
| 65       | 12.6  | 13.4  | 20.0  |





#25  
Isophorone  
Concen: 4.895 ng  
RT: 9.575 min Scan# 1104  
Delta R.T. -0.006 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

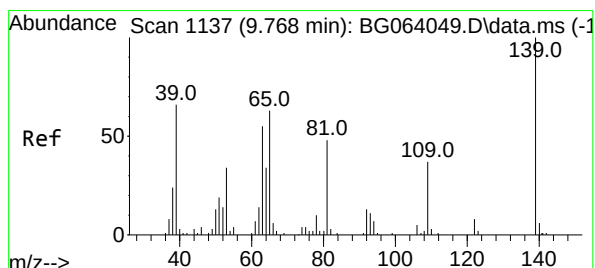
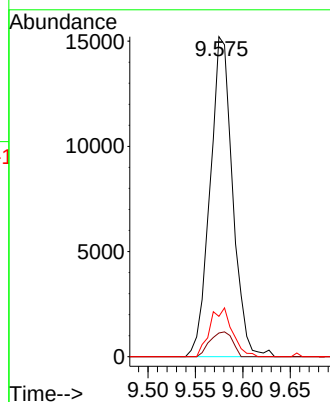
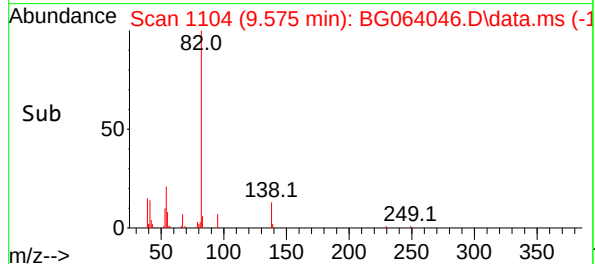
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion: 82 Resp: 25179  
Ion Ratio Lower Upper  
82 100  
95 7.4 5.8 8.8  
138 12.6 10.9 16.3

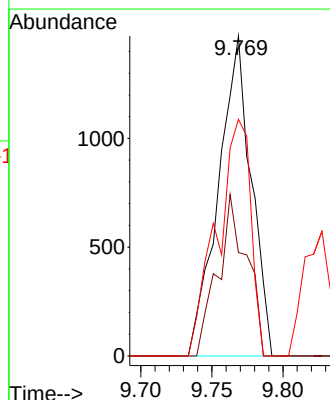
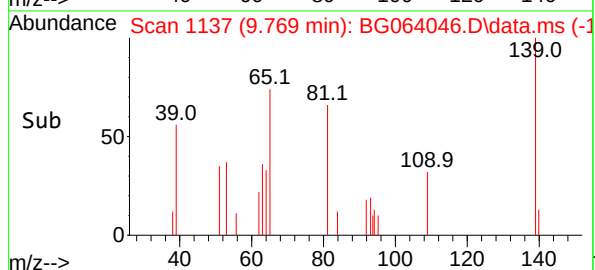
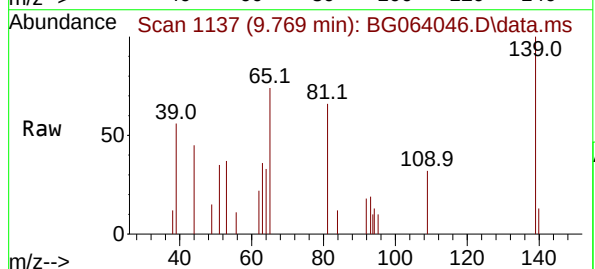
Manual Integrations  
APPROVED

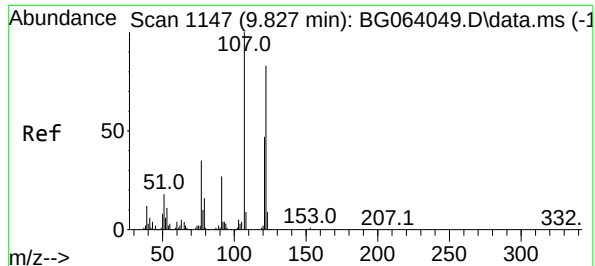
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#26  
2-Nitrophenol  
Concen: 6.094 ng  
RT: 9.769 min Scan# 1137  
Delta R.T. 0.001 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

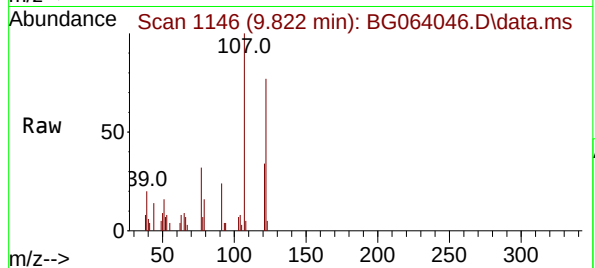
Tgt Ion:139 Resp: 2362  
Ion Ratio Lower Upper  
139 100  
109 32.3 29.9 44.9  
65 74.0 50.6 76.0





#27  
2,4-Dimethylphenol  
Concen: 4.466 ng  
RT: 9.822 min Scan# 1147  
Delta R.T. -0.006 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

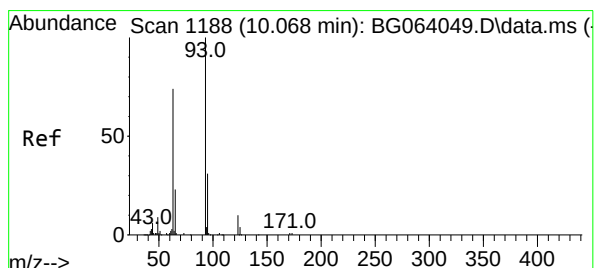
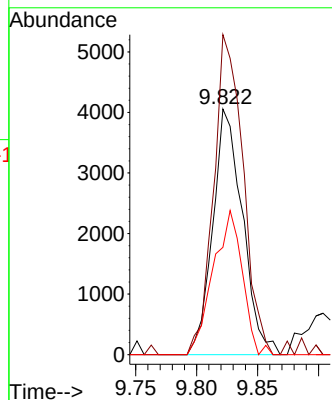
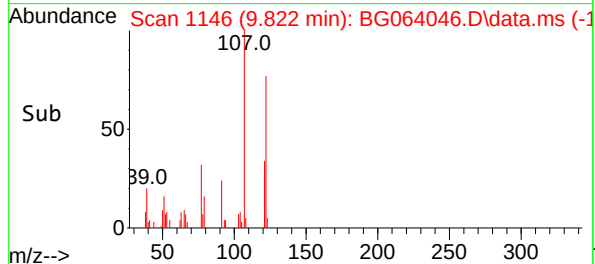
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion: 122 Resp: 688  
Ion Ratio Lower Upper  
122 100  
107 130.3 95.4 143.0  
121 43.7 44.9 67.3

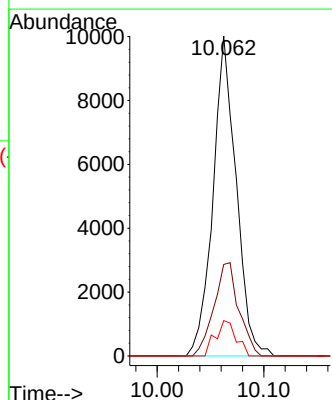
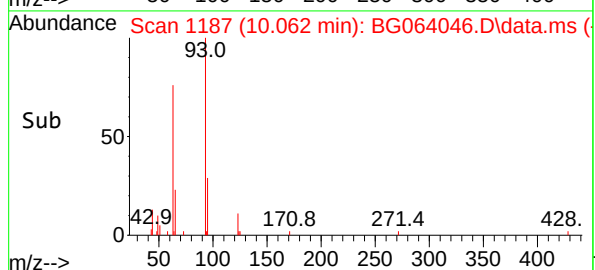
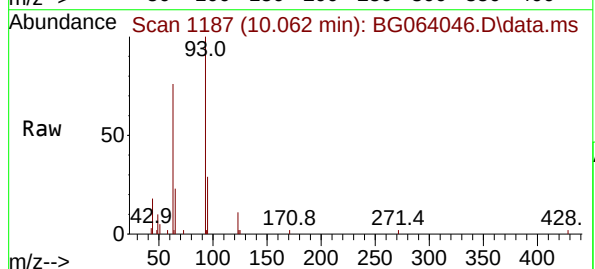
Manual Integrations  
APPROVED

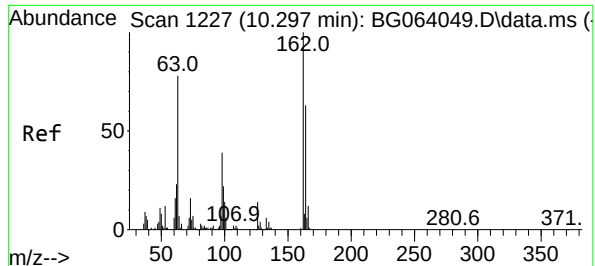
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#28  
bis(2-Chloroethoxy)methane  
Concen: 4.832 ng  
RT: 10.062 min Scan# 1187  
Delta R.T. -0.006 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

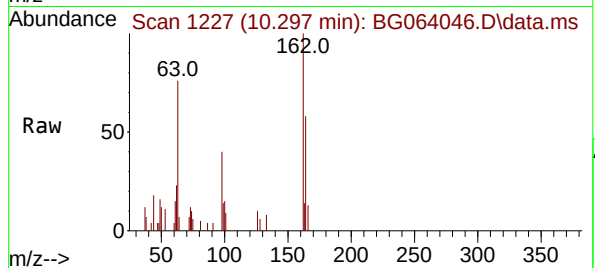
Tgt Ion: 93 Resp: 15067  
Ion Ratio Lower Upper  
93 100  
95 28.6 25.0 37.4  
123 11.1 7.6 11.4





#29  
2,4-Dichlorophenol  
Concen: 4.056 ng  
RT: 10.297 min Scan# 1227  
Delta R.T. 0.000 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

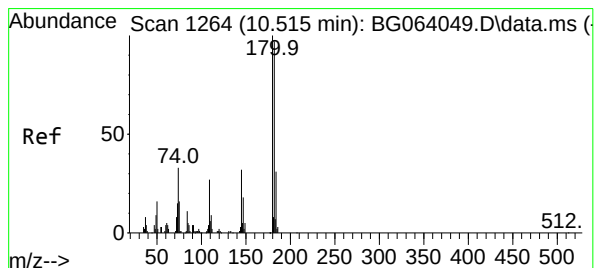
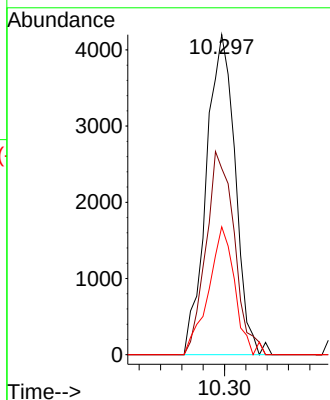
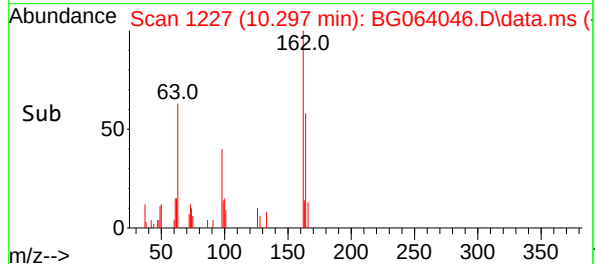
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:162 Resp: 789  
Ion Ratio Lower Upper  
162 100  
164 58.2 42.8 82.8  
98 40.0 19.1 59.1

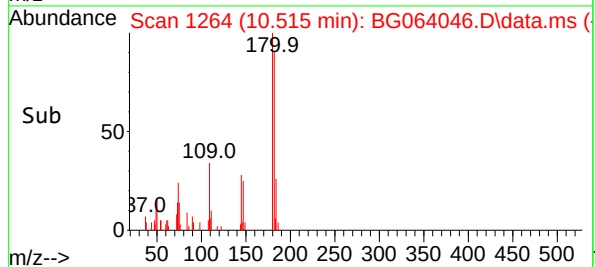
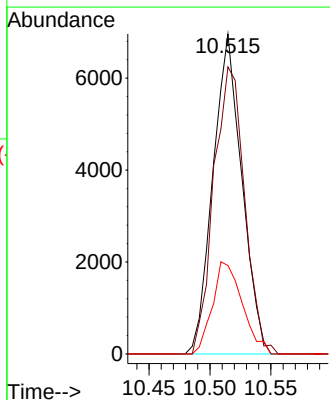
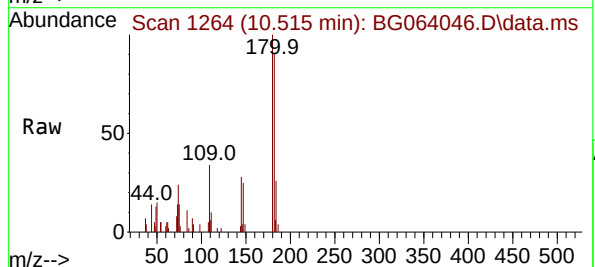
Manual Integrations  
APPROVED

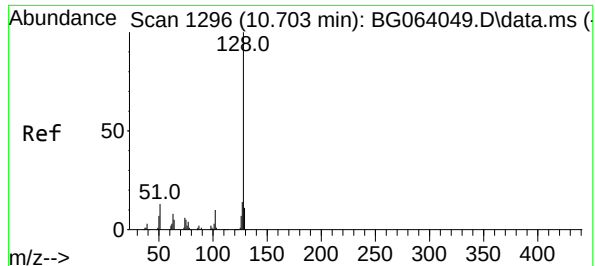
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#30  
1,2,4-Trichlorobenzene  
Concen: 4.884 ng  
RT: 10.515 min Scan# 1264  
Delta R.T. 0.000 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

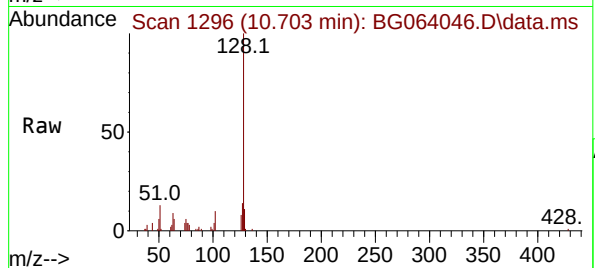
Tgt Ion:180 Resp: 11480  
Ion Ratio Lower Upper  
180 100  
182 89.7 77.3 115.9  
145 27.7 25.2 37.8





#31  
Naphthalene  
Concen: 4.999 ng  
RT: 10.703 min Scan# 1296  
Delta R.T. 0.000 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

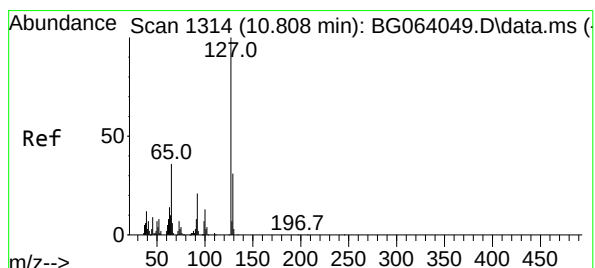
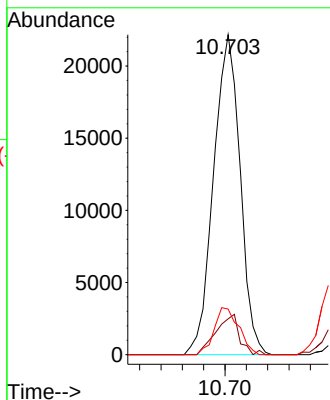
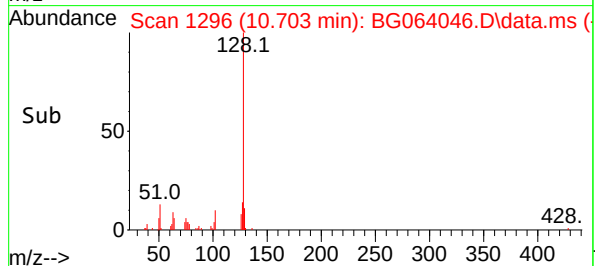
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:128 Resp: 3828  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.4 12.6  
127 14.3 11.1 16.7

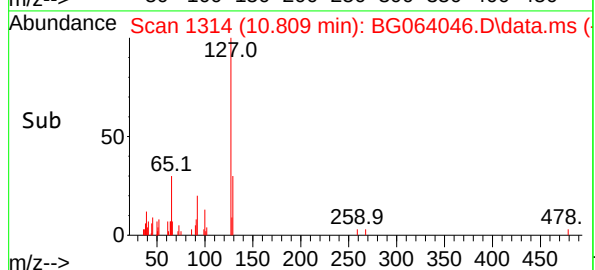
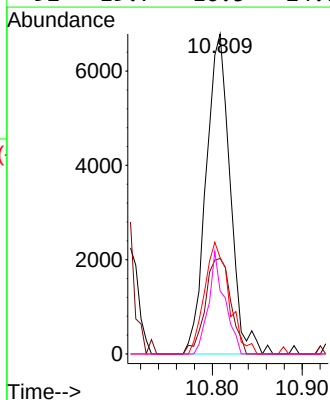
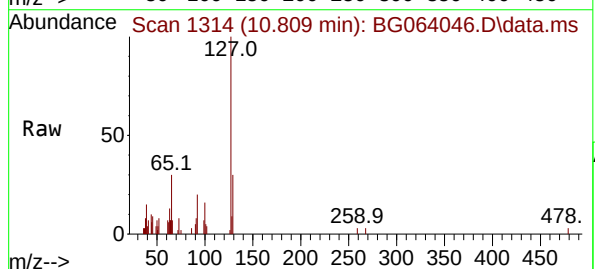
Manual Integrations  
APPROVED

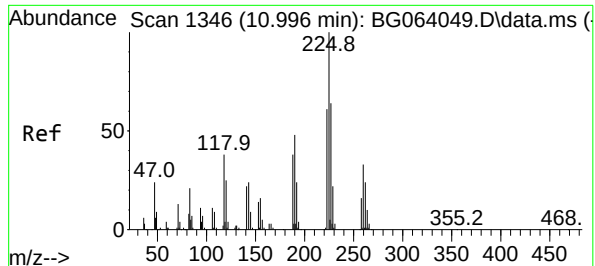
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#33  
4-Chloroaniline  
Concen: 4.499 ng  
RT: 10.809 min Scan# 1314  
Delta R.T. 0.000 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

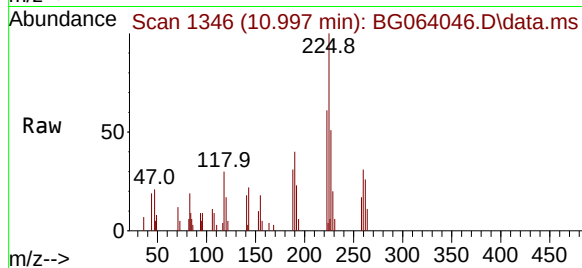
Tgt Ion:127 Resp: 12591  
Ion Ratio Lower Upper  
127 100  
129 29.8 25.0 37.4  
65 30.1 28.5 42.7  
92 19.7 16.5 24.7





#34  
Hexachlorobutadiene  
Concen: 4.786 ng  
RT: 10.997 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

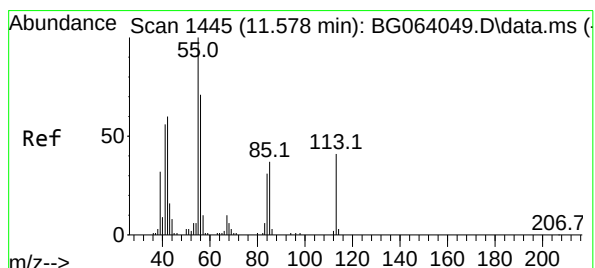
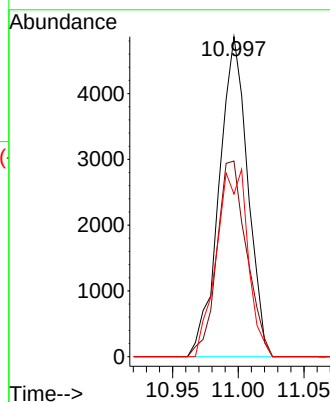
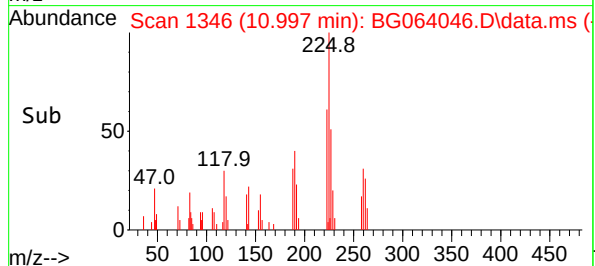
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion: 225 Resp: 737  
Ion Ratio Lower Upper  
225 100  
223 61.2 48.5 72.7  
227 50.8 51.0 76.6

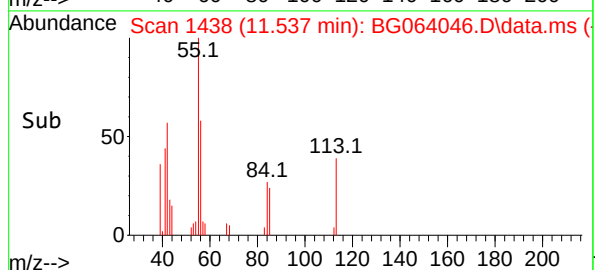
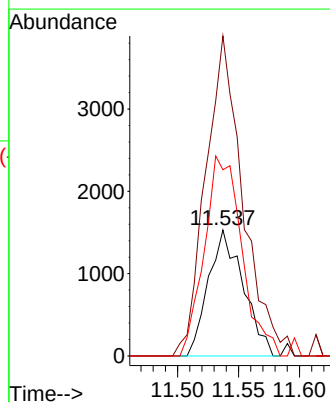
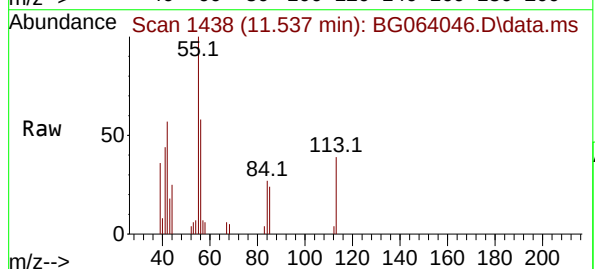
Manual Integrations  
APPROVED

Reviewed By : Jagrut Upadhyay 03/06/2025  
Supervised By : mohammad ahmed 03/07/2025

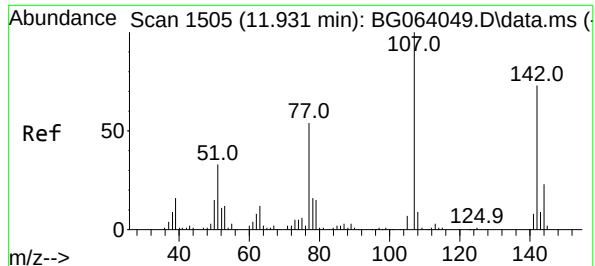


#35  
Caprolactam  
Concen: 4.090 ng  
RT: 11.537 min Scan# 1438  
Delta R.T. -0.041 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

Tgt Ion: 113 Resp: 3052  
Ion Ratio Lower Upper  
113 100  
55 254.1 225.2 265.2  
56 147.8 153.4 193.4#







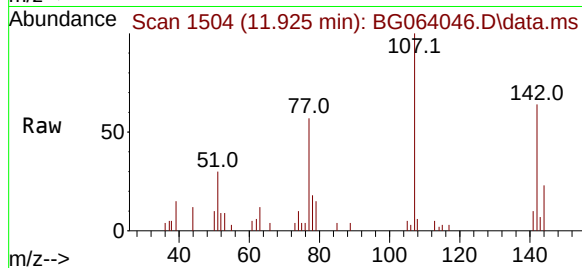
#36  
4-Chloro-3-methylphenol  
Concen: 4.078 ng  
RT: 11.925 min Scan# 1504  
Delta R.T. -0.006 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

Instrument :

BNA\_G

ClientSampleId :

SSTDIC005

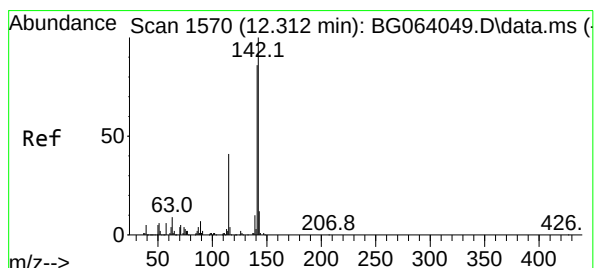
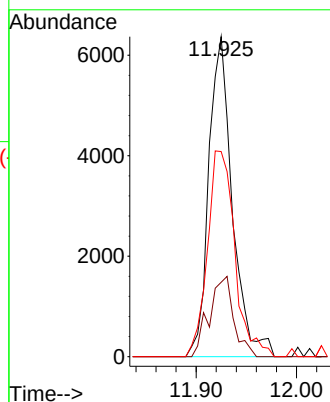
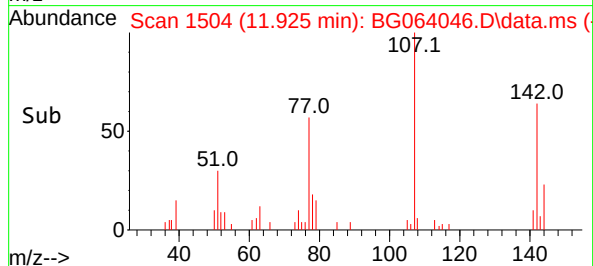


| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 23.2  | 18.6  | 28.0  |
| 142     | 64.1  | 58.0  | 87.0  |

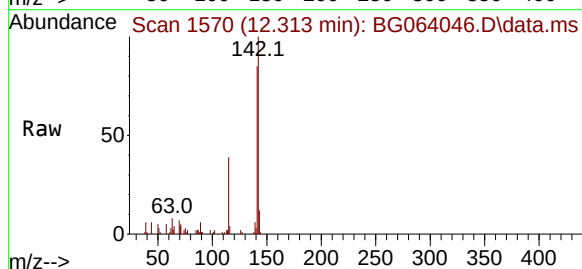
Manual Integrations

APPROVED

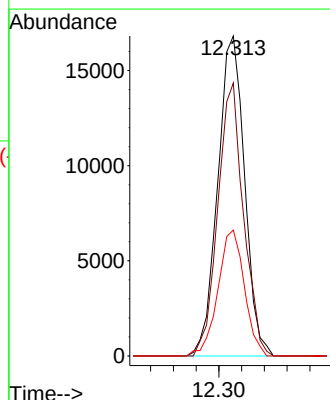
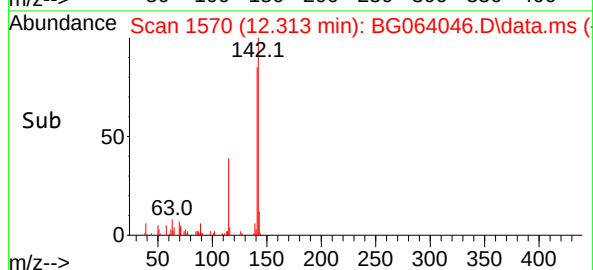
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

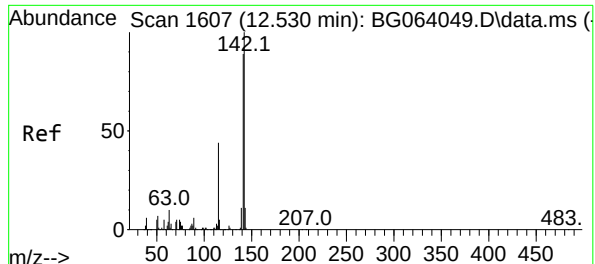


#37  
2-Methylnaphthalene  
Concen: 5.093 ng  
RT: 12.313 min Scan# 1570  
Delta R.T. 0.000 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42



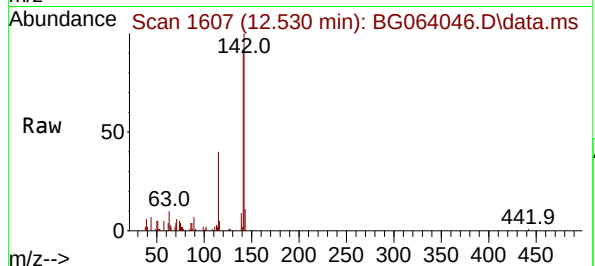
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 85.3  | 68.6  | 103.0 |
| 115     | 39.4  | 32.8  | 49.2  |





#38  
1-Methylnaphthalene  
Concen: 4.995 ng  
RT: 12.530 min Scan# 1607  
Delta R.T. 0.000 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

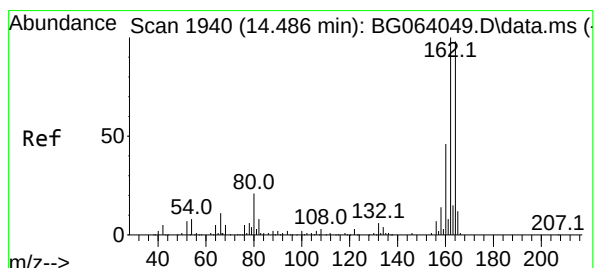
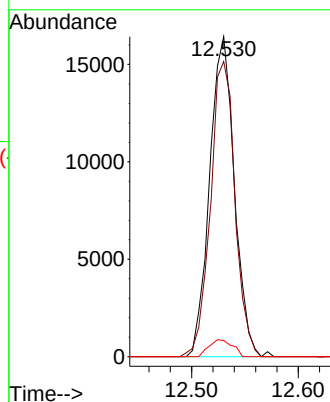
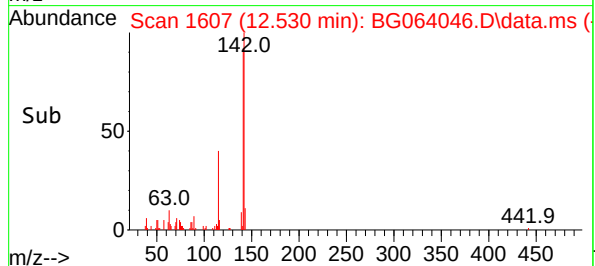
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



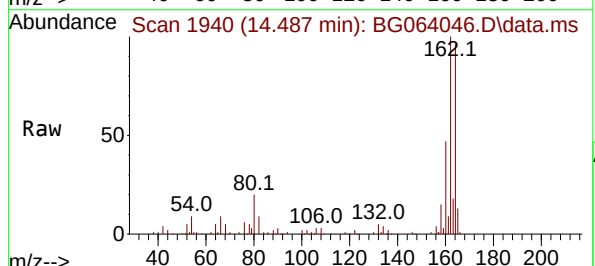
Tgt Ion:142 Resp: 26458  
Ion Ratio Lower Upper  
142 100  
141 92.2 71.2 106.8  
116 5.0 3.6 5.4

Manual Integrations  
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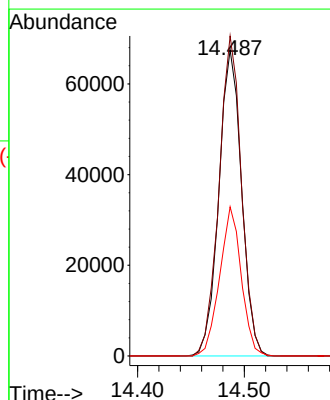
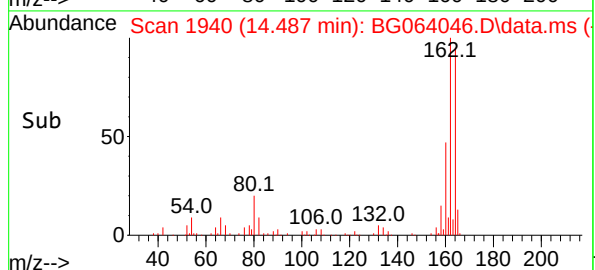
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

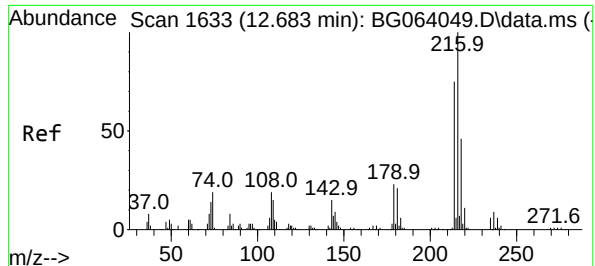


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.487 min Scan# 1940  
Delta R.T. 0.001 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42



Tgt Ion:164 Resp: 99722  
Ion Ratio Lower Upper  
164 100  
162 104.5 81.4 122.0  
160 48.7 37.0 55.6





#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.789 ng

RT: 12.677 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG064046.D

Acq: 5 Mar 2025 9:42

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

Tgt Ion:216 Resp: 13634

Ion Ratio Lower Upper

216 100

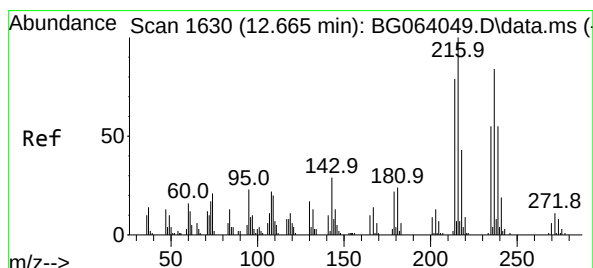
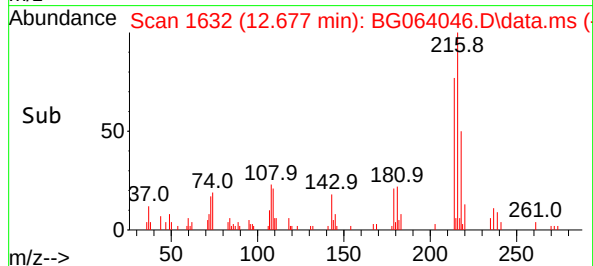
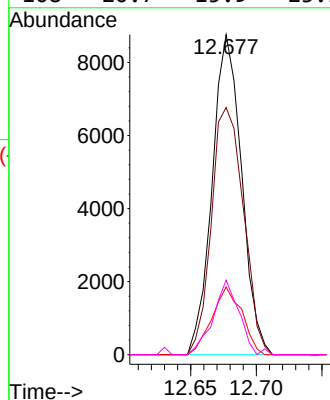
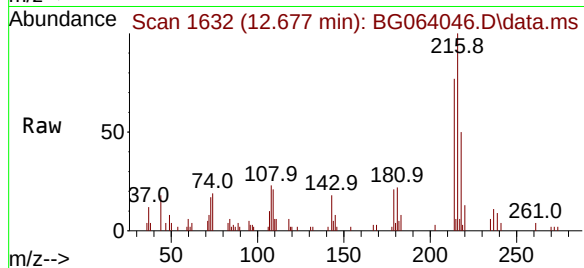
214 84.2 61.7 92.5

179 21.6 17.9 26.9

108 20.7 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

#41

Hexachlorocyclopentadiene

Concen: 3.841 ng

RT: 12.665 min Scan# 1630

Delta R.T. 0.000 min

Lab File: BG064046.D

Acq: 5 Mar 2025 9:42

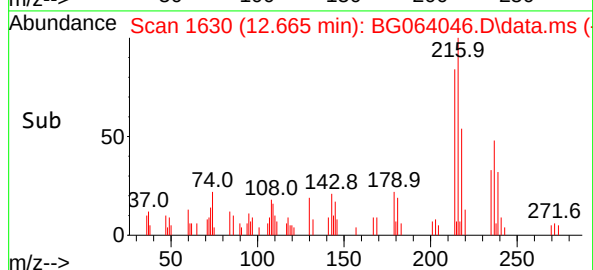
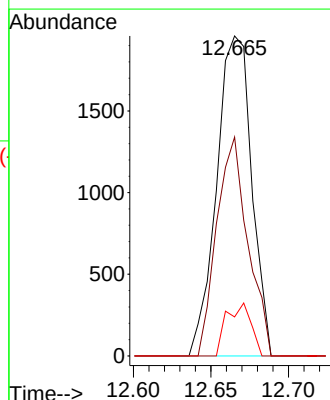
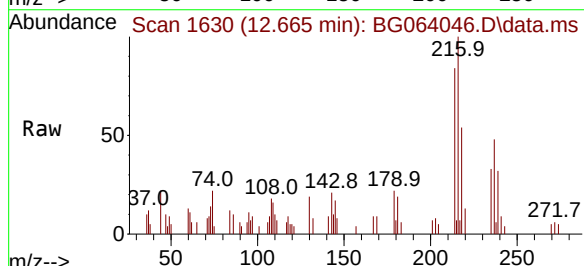
Tgt Ion:237 Resp: 3078

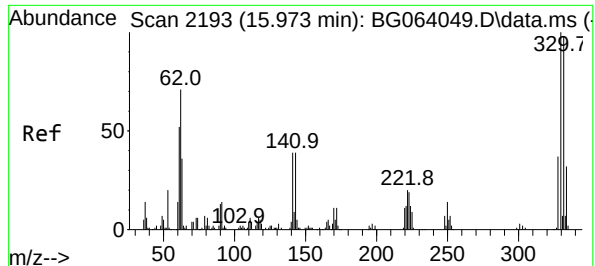
Ion Ratio Lower Upper

237 100

235 68.4 46.0 86.0

272 12.2 0.0 32.8





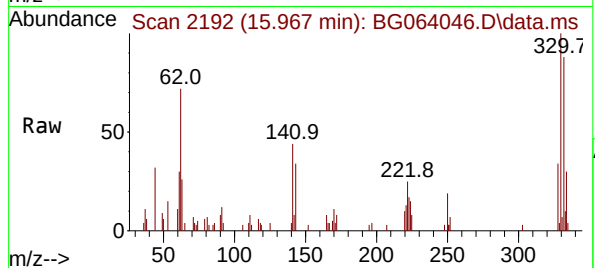
#42  
2,4,6-Tribromophenol  
Concen: 7.487 ng  
RT: 15.967 min Scan# 2192  
Delta R.T. -0.006 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

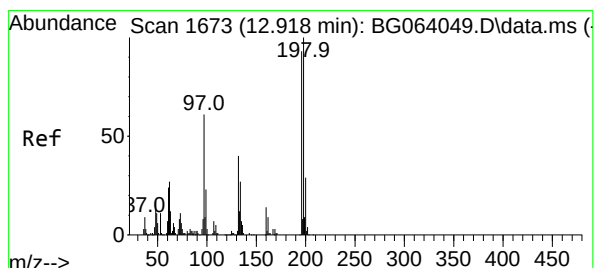
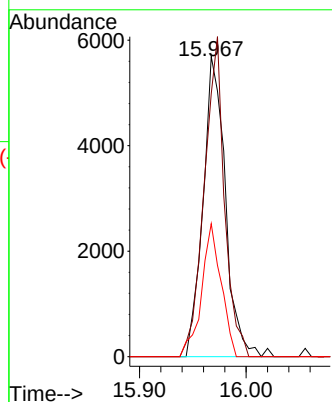
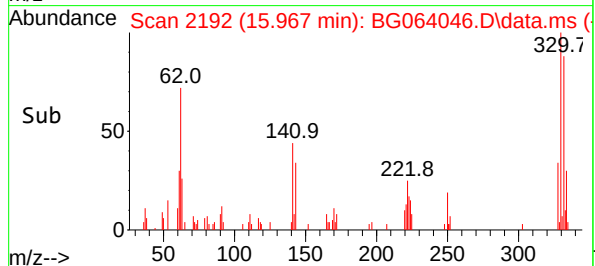


Tgt Ion:330 Resp: 8299  
Ion Ratio Lower Upper  
330 100  
332 96.5 76.7 115.1  
141 38.7 29.7 44.5

Manual Integrations

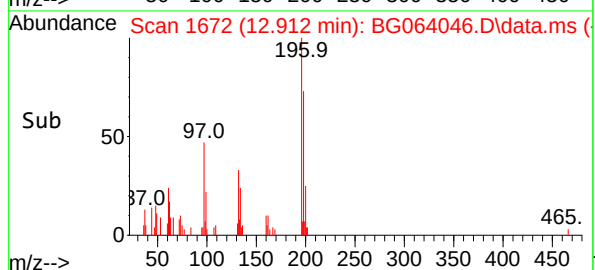
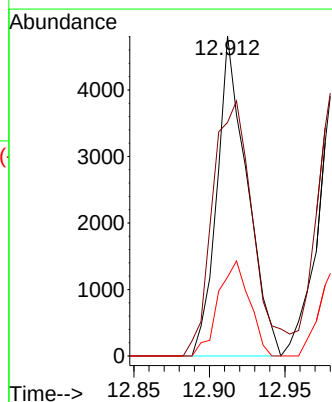
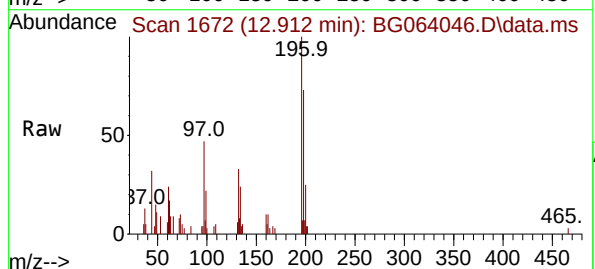
APPROVED

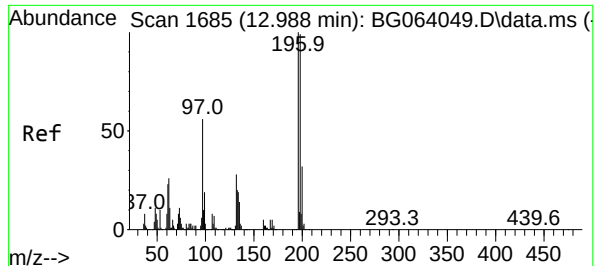
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#43  
2,4,6-Trichlorophenol  
Concen: 3.983 ng m  
RT: 12.912 min Scan# 1672  
Delta R.T. -0.006 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

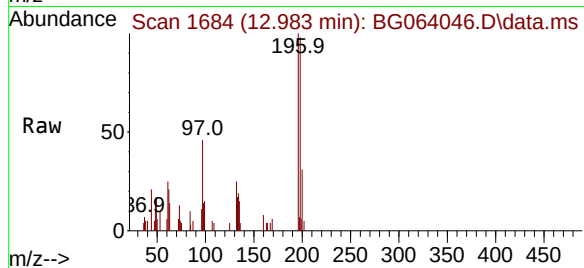
Tgt Ion:196 Resp: 6684  
Ion Ratio Lower Upper  
196 100  
198 73.0 85.6 128.4#  
200 24.6 24.6 37.0





#44  
2,4,5-Trichlorophenol  
Concen: 3.804 ng  
RT: 12.983 min Scan# 1706  
Delta R.T. -0.006 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

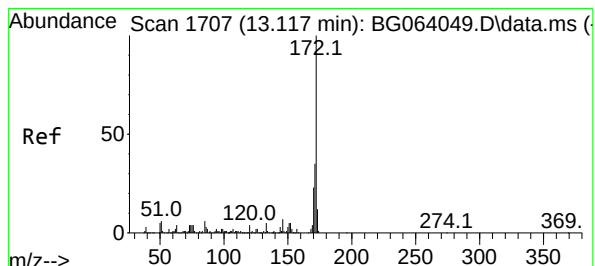
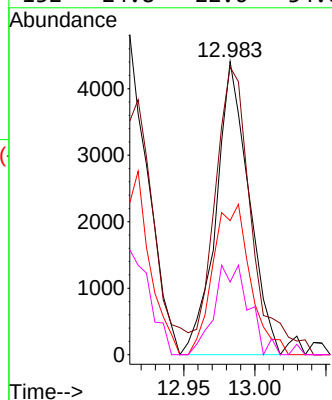
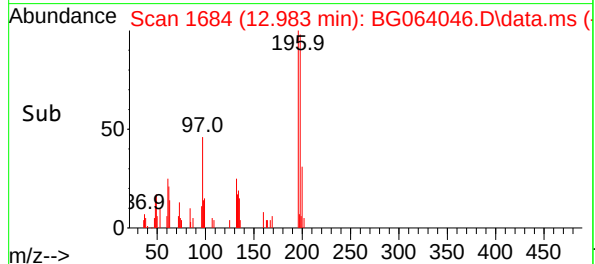
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



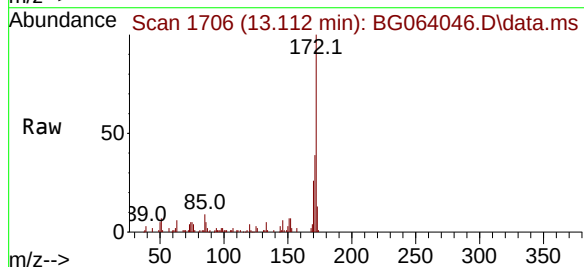
Tgt Ion:196 Resp: 7092  
Ion Ratio Lower Upper  
196 100  
198 98.2 79.5 119.3  
97 45.7 45.2 67.8  
132 24.8 22.6 34.0

Manual Integrations  
APPROVED

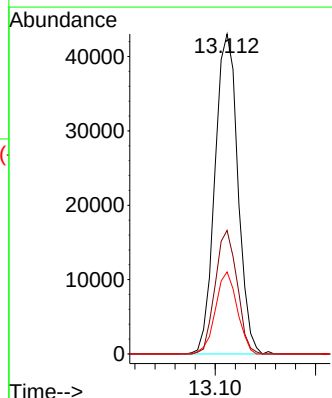
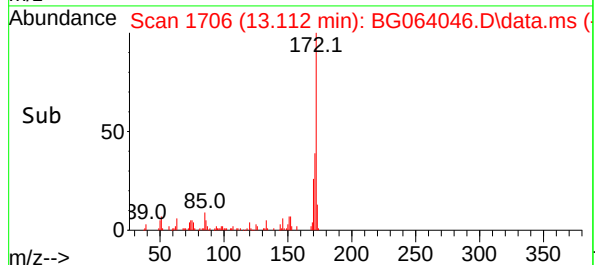
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

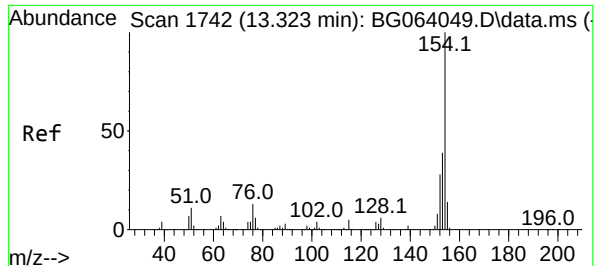


#45  
2-Fluorobiphenyl  
Concen: 10.386 ng  
RT: 13.112 min Scan# 1706  
Delta R.T. -0.006 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42



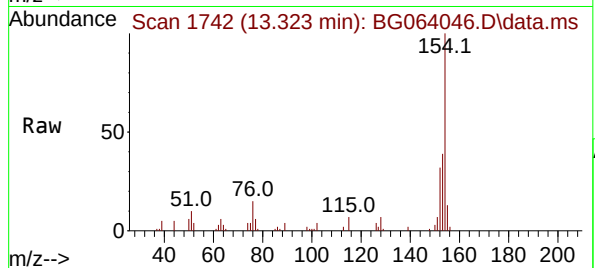
Tgt Ion:172 Resp: 68235  
Ion Ratio Lower Upper  
172 100  
171 38.6 28.0 42.0  
170 25.7 18.7 28.1





#46  
1,1'-Biphenyl  
Concen: 4.984 ng  
RT: 13.323 min Scan# 1742  
Delta R.T. 0.000 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

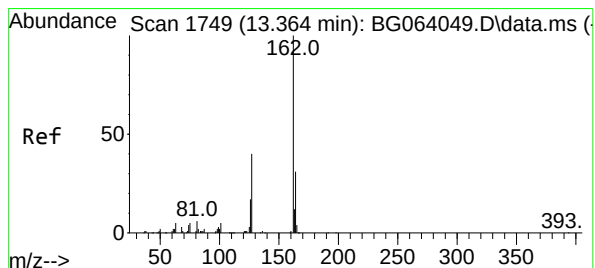
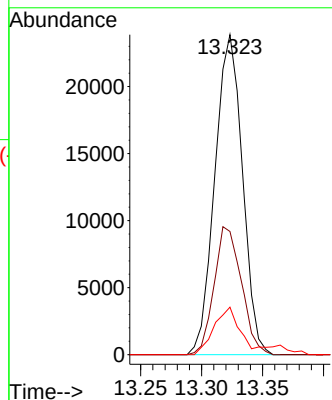
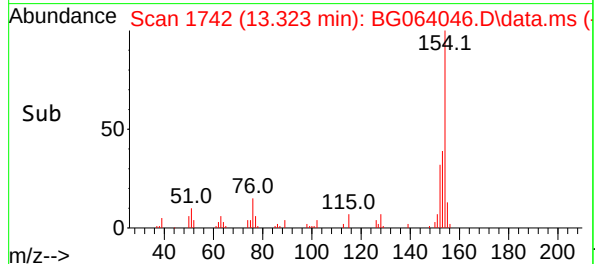
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:154 Resp: 37550  
Ion Ratio Lower Upper  
154 100  
153 38.5 19.5 59.5  
76 14.8 0.0 33.5

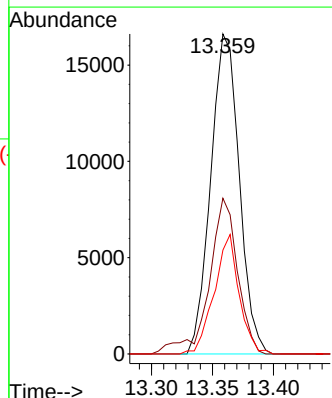
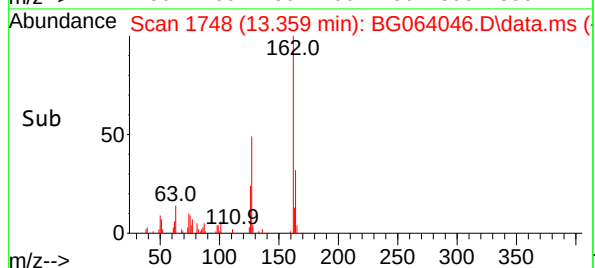
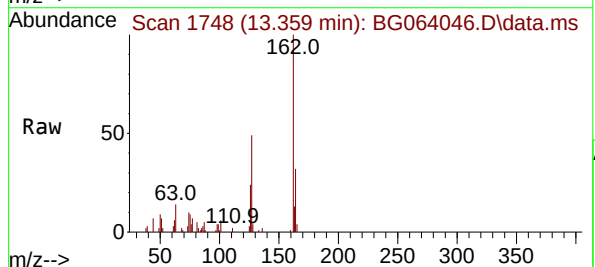
Manual Integrations  
APPROVED

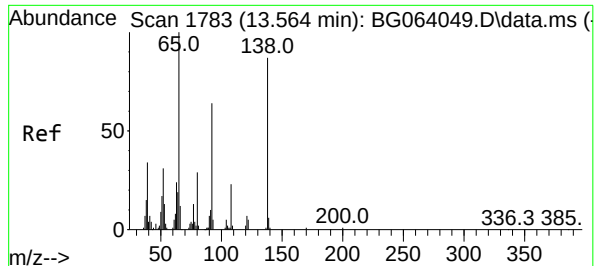
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#47  
2-Chloronaphthalene  
Concen: 4.928 ng  
RT: 13.359 min Scan# 1748  
Delta R.T. -0.006 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

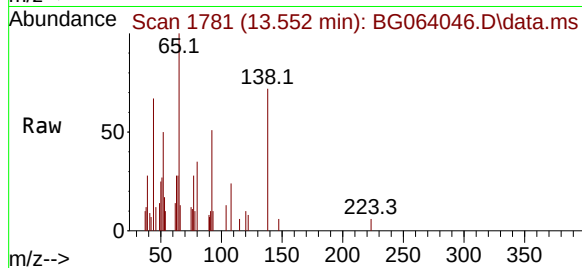
Tgt Ion:162 Resp: 27076  
Ion Ratio Lower Upper  
162 100  
127 48.7 35.0 52.4  
164 32.4 25.0 37.6





#48  
2-Nitroaniline  
Concen: 6.075 ng  
RT: 13.552 min Scan# 1781  
Delta R.T. -0.012 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

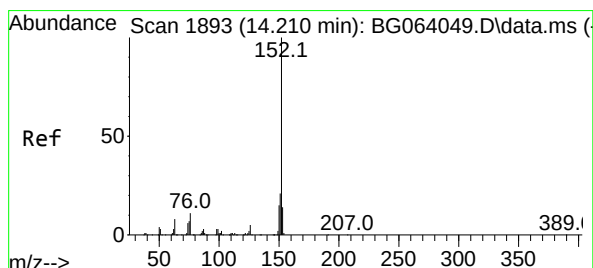
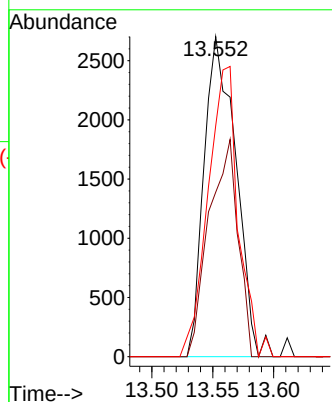
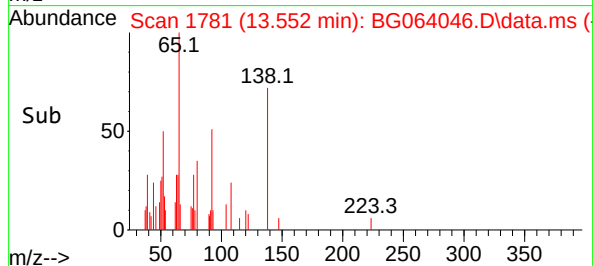
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion: 65 Resp: 4908  
Ion Ratio Lower Upper  
65 100  
92 51.4 51.2 76.8  
138 72.2 69.4 104.2

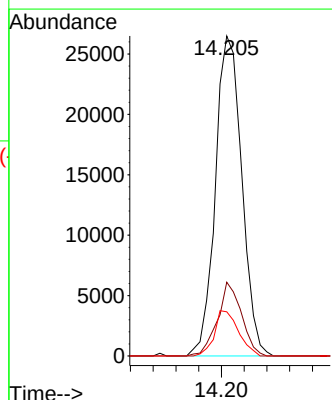
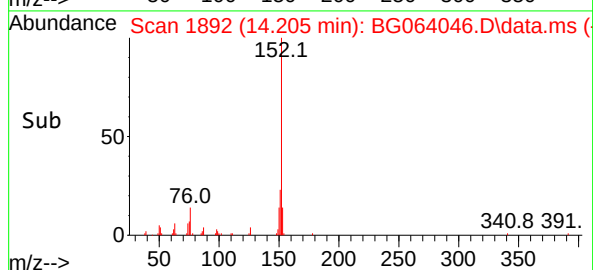
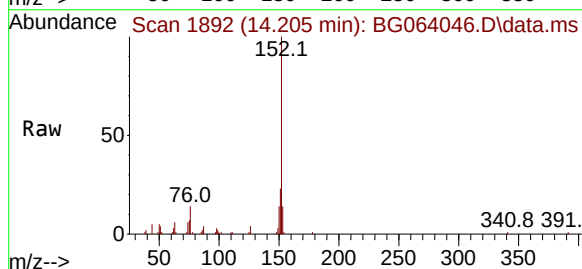
Manual Integrations  
APPROVED

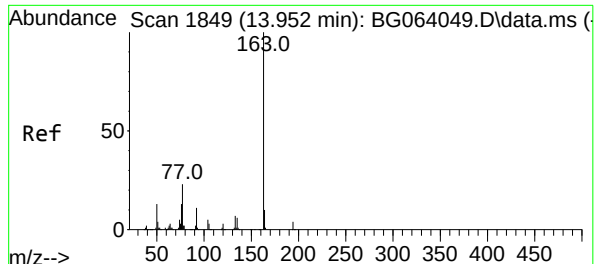
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#49  
Acenaphthylene  
Concen: 4.917 ng  
RT: 14.205 min Scan# 1892  
Delta R.T. -0.006 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

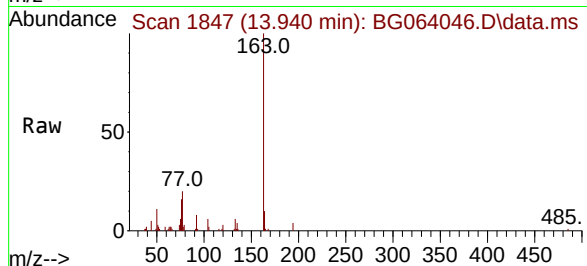
Tgt Ion:152 Resp: 42736  
Ion Ratio Lower Upper  
152 100  
151 23.1 16.4 24.6  
153 13.8 10.9 16.3





#50  
Dimethylphthalate  
Concen: 4.849 ng  
RT: 13.940 min Scan# 1847  
Delta R.T. -0.011 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

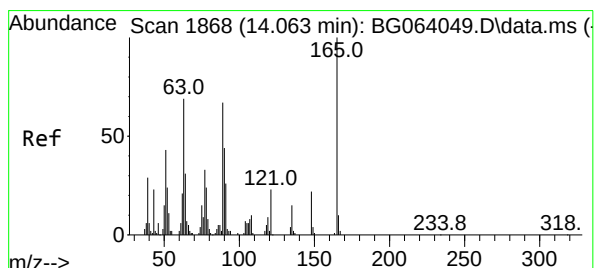
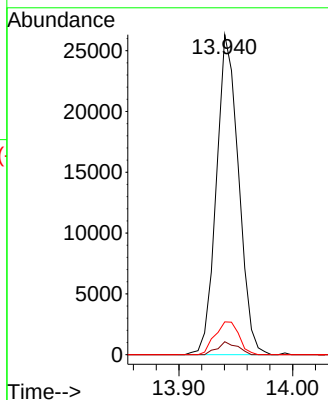
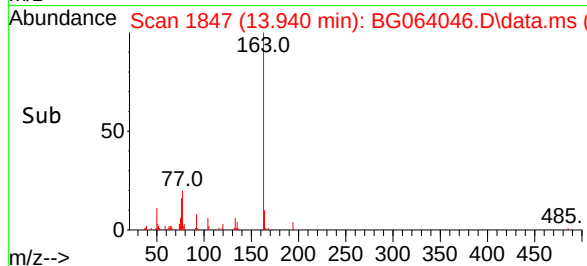
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:163 Resp: 35694  
Ion Ratio Lower Upper  
163 100  
194 4.1 2.8 4.2  
164 10.2 8.2 12.2

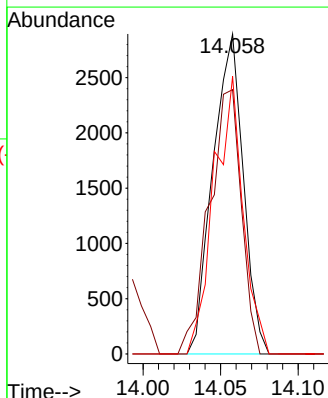
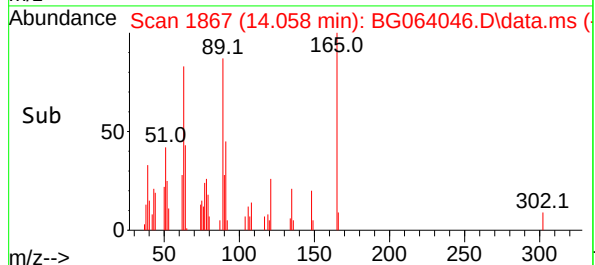
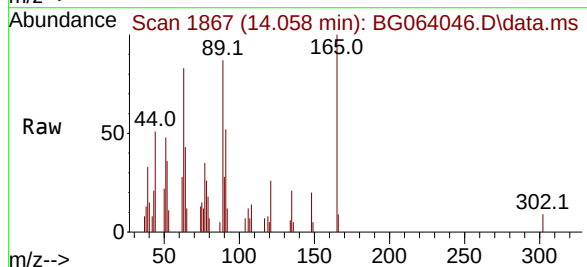
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

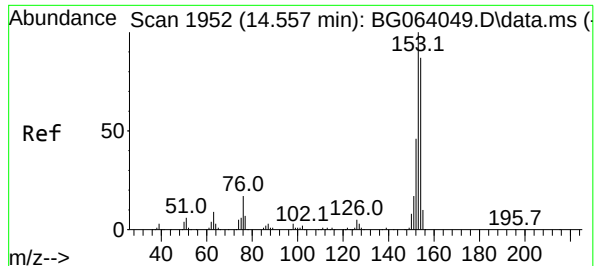


#51  
2,6-Dinitrotoluene  
Concen: 5.812 ng  
RT: 14.058 min Scan# 1867  
Delta R.T. -0.005 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

Tgt Ion:165 Resp: 3942  
Ion Ratio Lower Upper  
165 100  
63 82.6 56.7 85.1  
89 86.8 53.7 80.5#

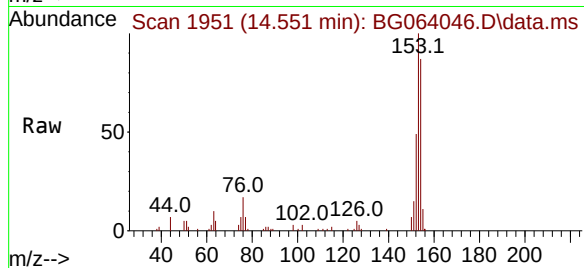






#52  
Acenaphthene  
Concen: 4.969 ng m  
RT: 14.551 min Scan# 1952  
Delta R.T. -0.006 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

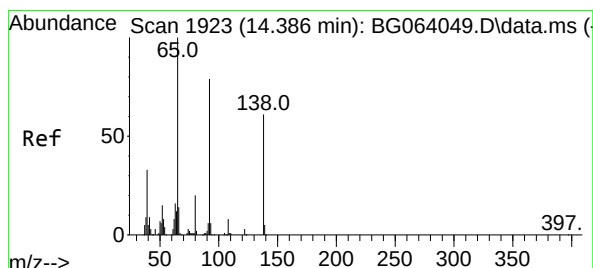
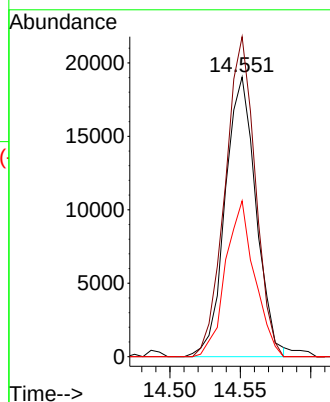
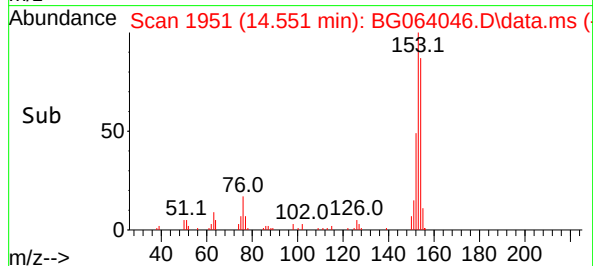
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:154 Resp: 2904  
Ion Ratio Lower Upper  
154 100  
153 114.4 91.6 137.4  
152 55.7 42.5 63.7

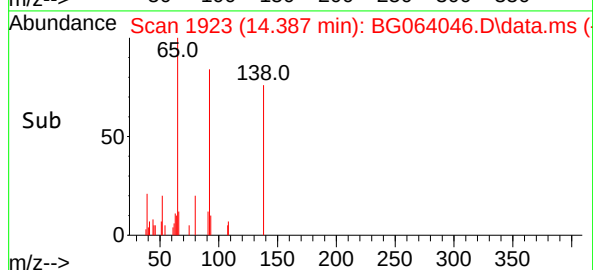
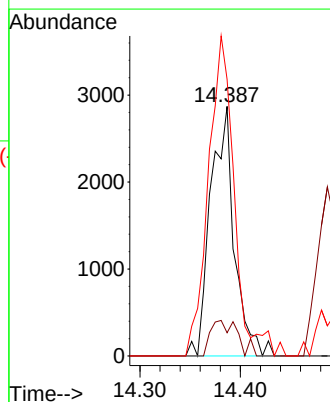
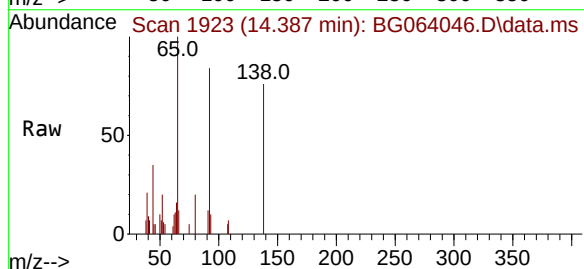
Manual Integrations  
APPROVED

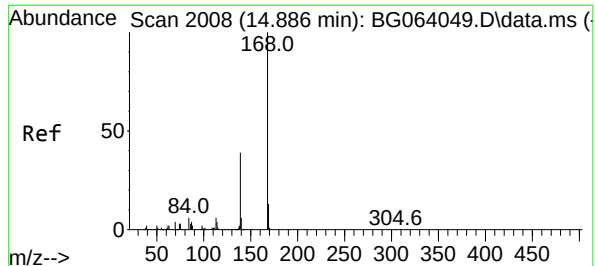
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#53  
3-Nitroaniline  
Concen: 3.329 ng  
RT: 14.387 min Scan# 1923  
Delta R.T. 0.000 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

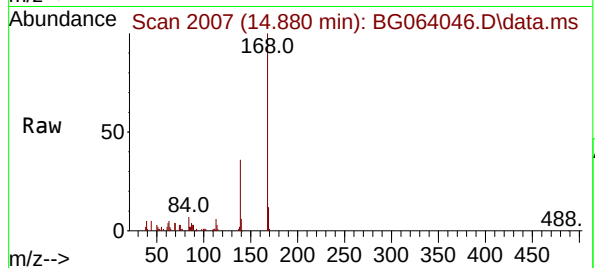
Tgt Ion:138 Resp: 4736  
Ion Ratio Lower Upper  
138 100  
108 9.3 10.1 15.1#  
92 110.9 104.1 156.1





#55  
Dibenzenofuran  
Concen: 5.080 ng  
RT: 14.880 min Scan# 2000  
Delta R.T. -0.006 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

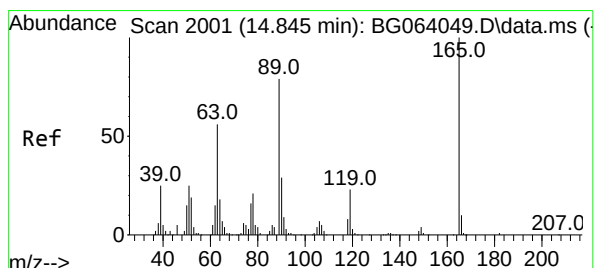
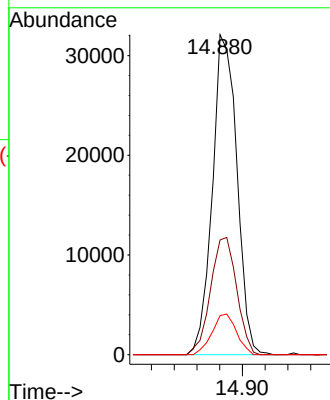
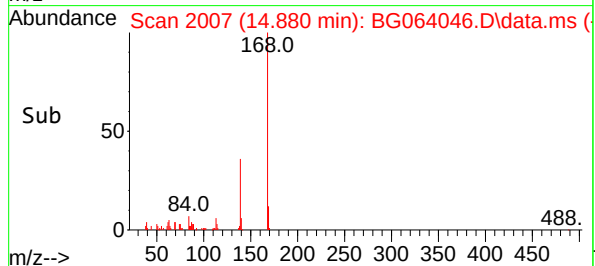
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:168 Resp: 48004  
Ion Ratio Lower Upper  
168 100  
139 35.8 31.1 46.7  
169 12.2 10.5 15.7

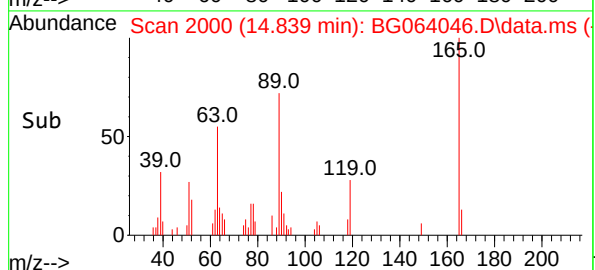
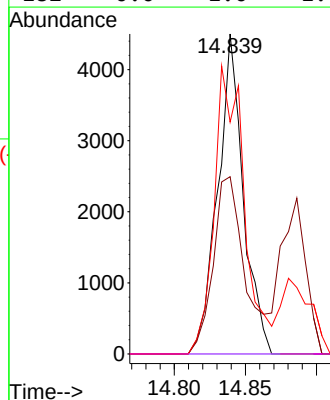
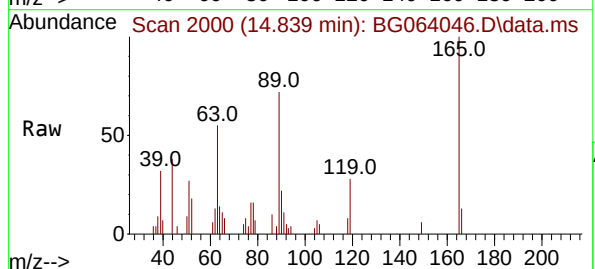
Manual Integrations  
APPROVED

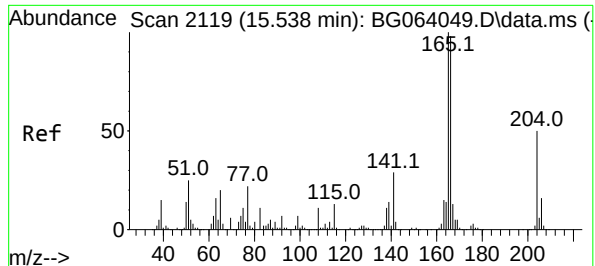
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#57  
2,4-Dinitrotoluene  
Concen: 6.165 ng  
RT: 14.839 min Scan# 2000  
Delta R.T. -0.006 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

Tgt Ion:165 Resp: 5618  
Ion Ratio Lower Upper  
165 100  
63 55.4 45.0 67.6  
89 72.5 63.1 94.7  
182 0.0 1.0 1.4#





#58  
Fluorene  
Concen: 5.269 ng  
RT: 15.532 min Scan# 2119  
Delta R.T. -0.006 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

Instrument :

BNA\_G

ClientSampleId :

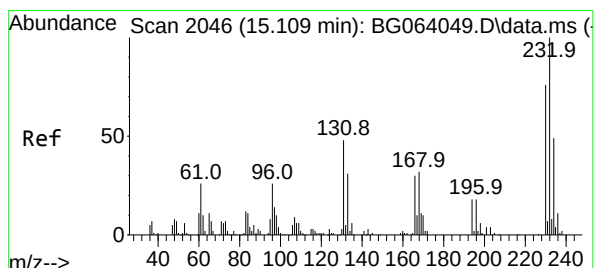
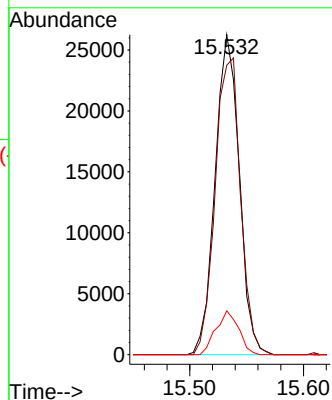
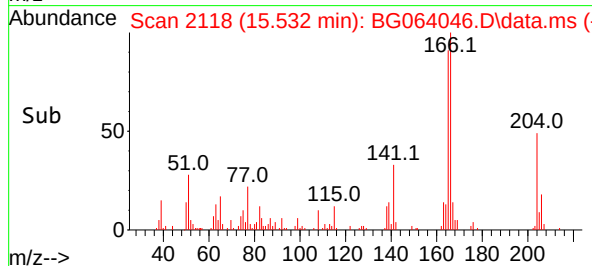
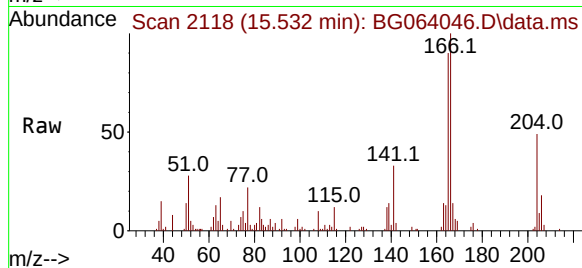
SSTDICC005

Tgt Ion:166 Resp: 3877  
Ion Ratio Lower Upper  
166 100  
165 90.4 81.8 122.8  
167 13.7 10.8 16.2

Manual Integrations

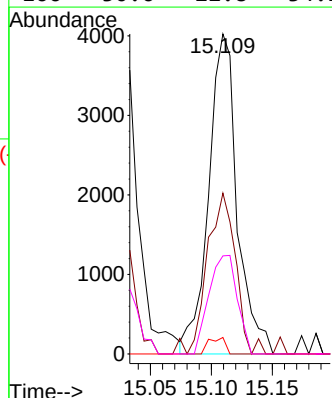
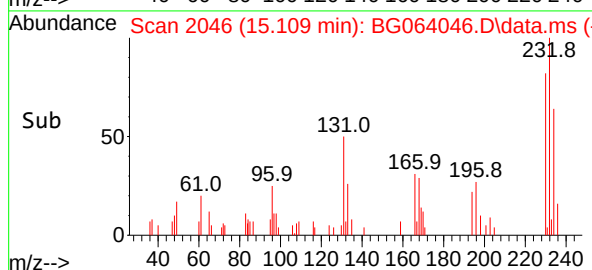
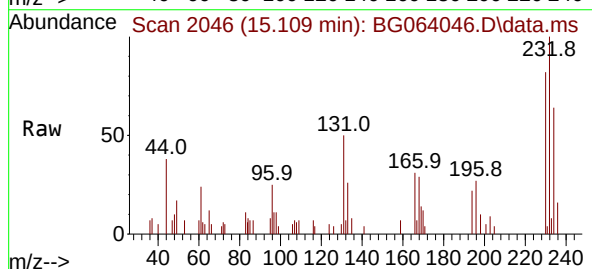
APPROVED

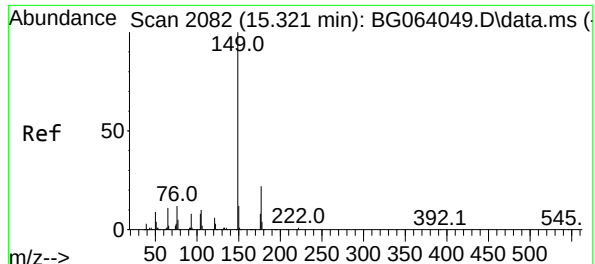
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#59  
2,3,4,6-Tetrachlorophenol  
Concen: 3.597 ng  
RT: 15.109 min Scan# 2046  
Delta R.T. 0.000 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

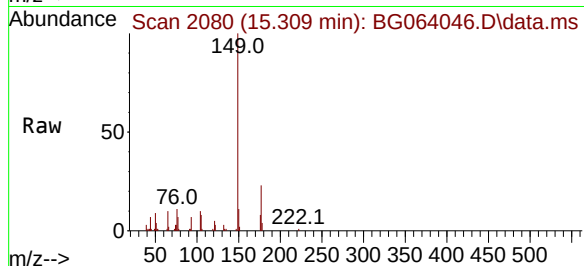
Tgt Ion:232 Resp: 6538  
Ion Ratio Lower Upper  
232 100  
131 50.2 36.3 54.5  
130 3.0 1.9 2.9#  
166 30.6 22.8 34.2





#60  
Diethylphthalate  
Concen: 4.666 ng  
RT: 15.309 min Scan# 2080  
Delta R.T. -0.011 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

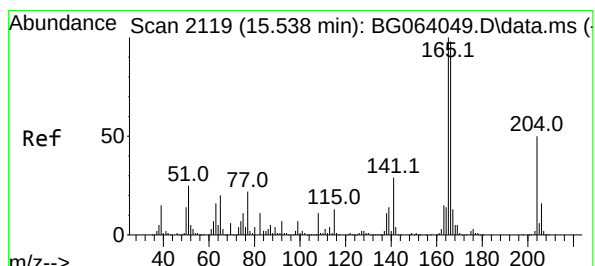
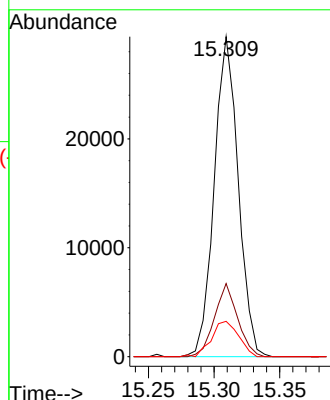
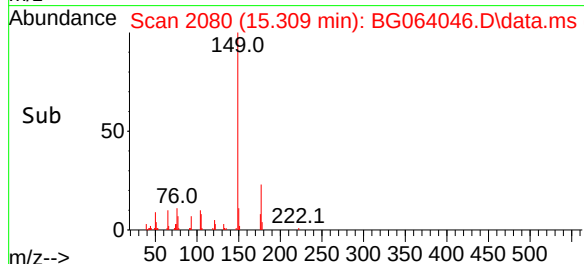
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



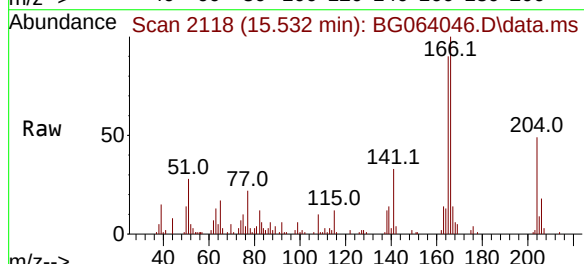
Tgt Ion:149 Resp: 37289  
Ion Ratio Lower Upper  
149 100  
177 22.8 17.4 26.2  
150 11.0 9.4 14.2

Manual Integrations  
APPROVED

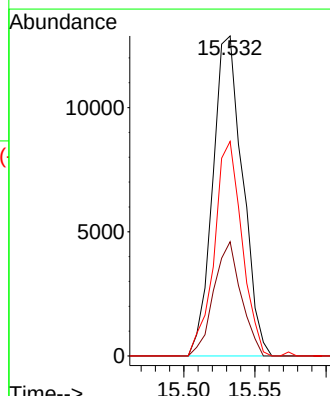
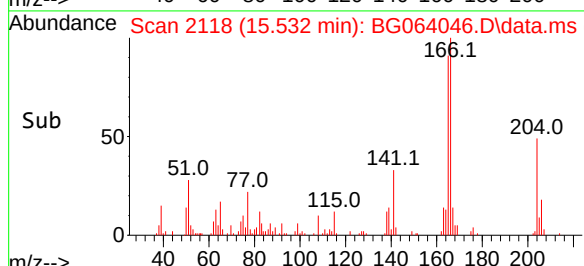
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

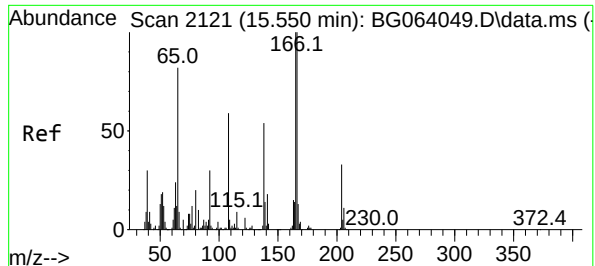


#61  
4-Chlorophenyl-phenylether  
Concen: 5.142 ng  
RT: 15.532 min Scan# 2118  
Delta R.T. -0.006 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42



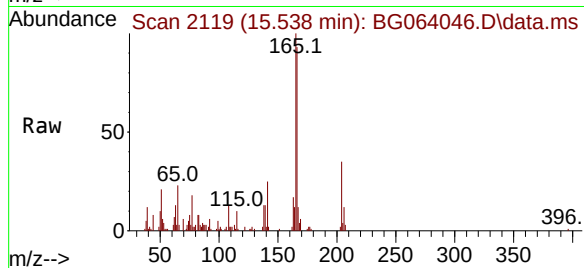
Tgt Ion:204 Resp: 18807  
Ion Ratio Lower Upper  
204 100  
206 35.7 25.5 38.3  
141 67.1 45.4 68.0





#62  
4-Nitroaniline  
Concen: 3.460 ng  
RT: 15.538 min Scan# 2119  
Delta R.T. -0.011 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

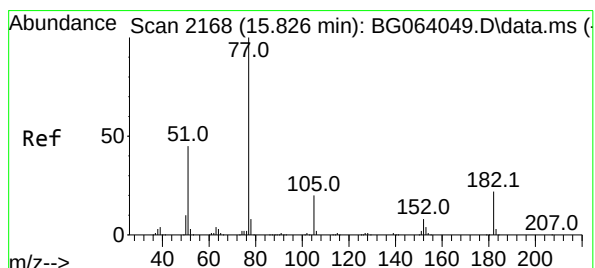
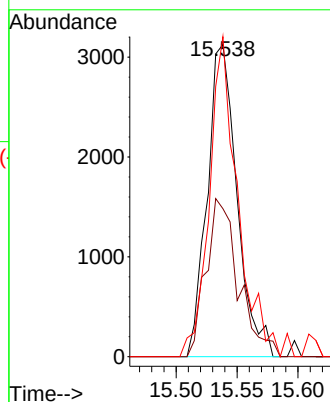
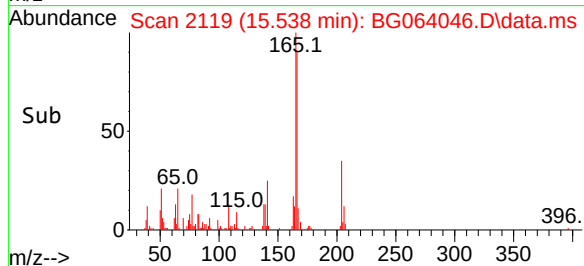
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



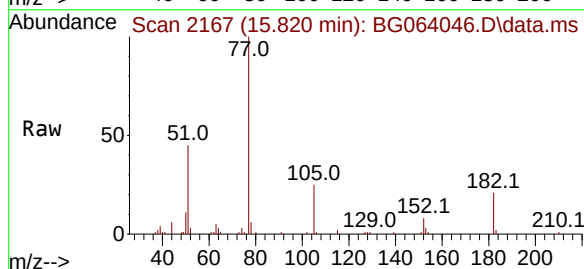
Tgt Ion:138 Resp: 5314  
Ion Ratio Lower Upper  
138 100  
92 47.4 36.1 76.1  
108 102.5 87.9 127.9

Manual Integrations  
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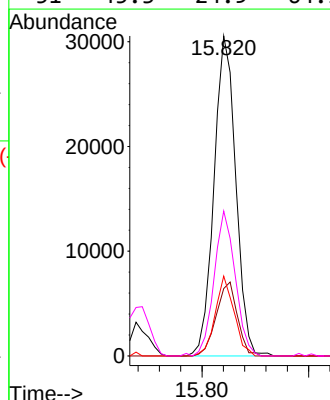
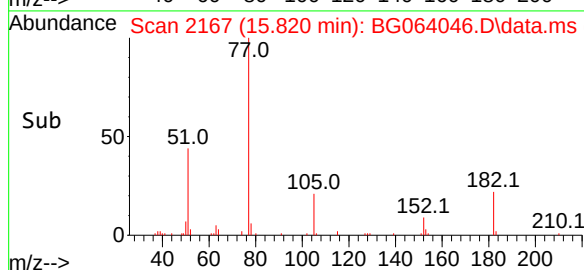
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

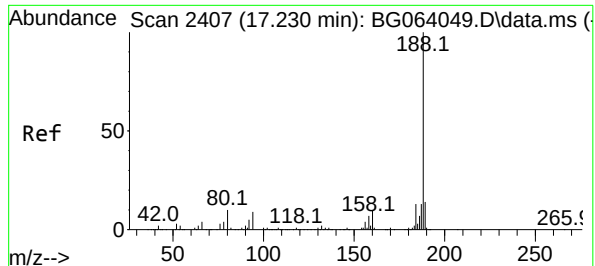


#63  
Azobenzene  
Concen: 5.070 ng  
RT: 15.820 min Scan# 2167  
Delta R.T. -0.006 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42



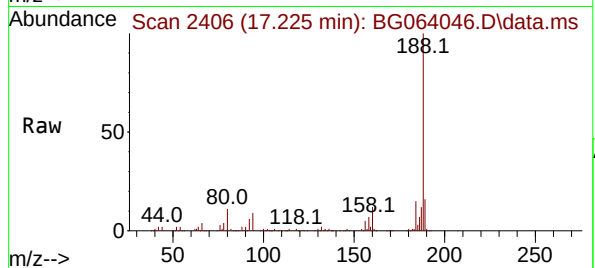
Tgt Ion: 77 Resp: 43236  
Ion Ratio Lower Upper  
77 100  
182 21.1 2.4 42.4  
105 25.0 0.0 40.0  
51 45.3 24.9 64.9





#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.225 min Scan# 2406  
Delta R.T. -0.005 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

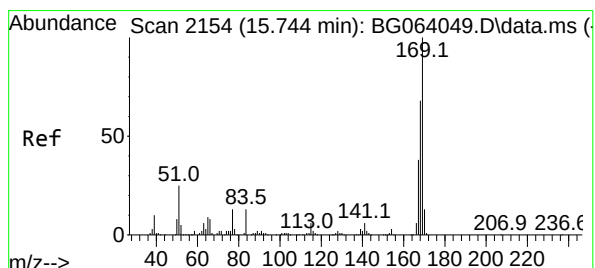
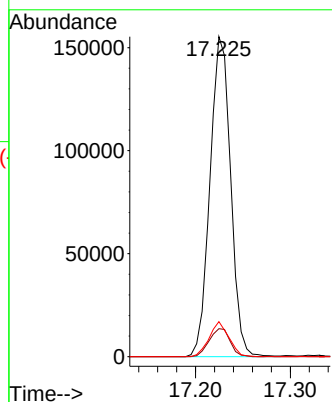
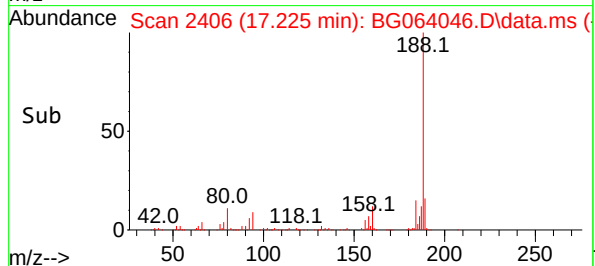
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:188 Resp: 23486  
Ion Ratio Lower Upper  
188 100  
94 8.8 6.9 10.3  
80 10.9 8.1 12.1

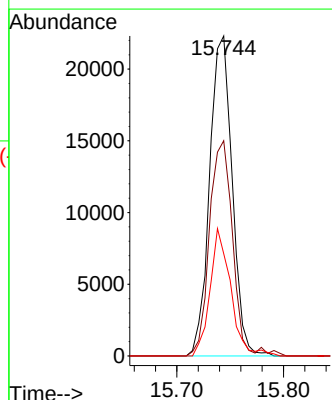
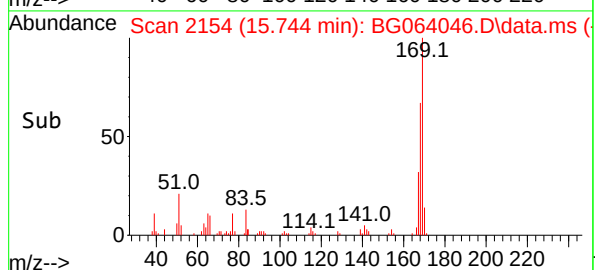
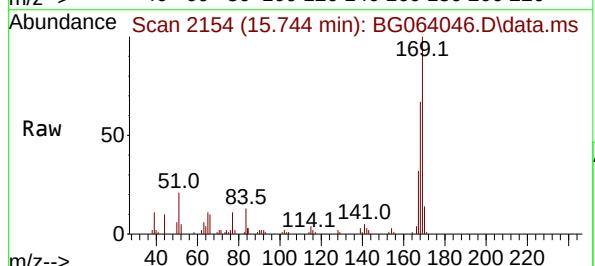
Manual Integrations  
APPROVED

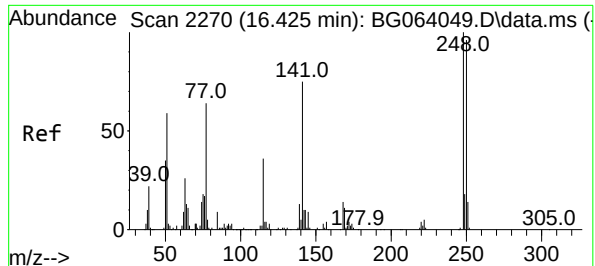
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#66  
n-Nitrosodiphenylamine  
Concen: 4.927 ng  
RT: 15.744 min Scan# 2154  
Delta R.T. 0.000 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

Tgt Ion:169 Resp: 32754  
Ion Ratio Lower Upper  
169 100  
168 67.3 54.1 81.1  
167 32.0 30.3 45.5





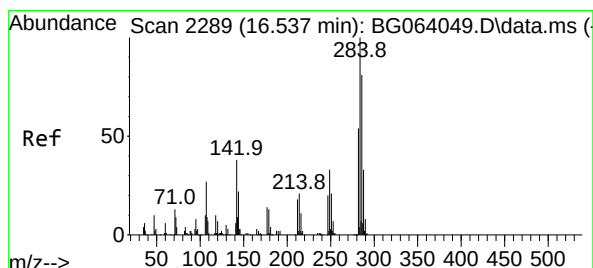
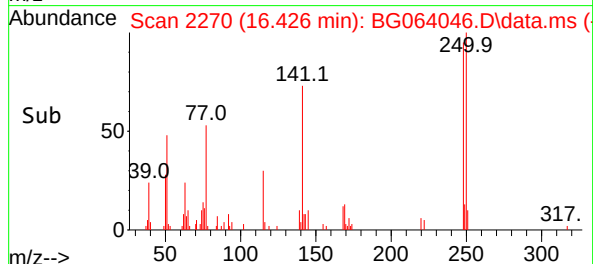
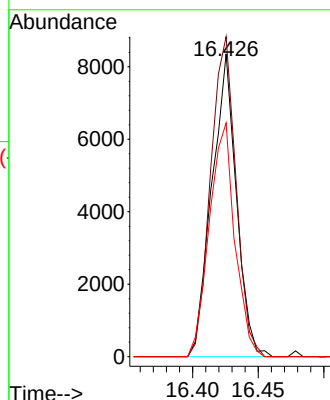
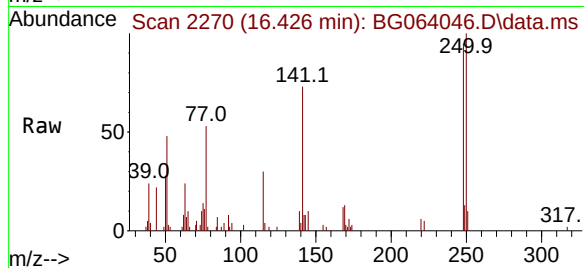
#67  
4-Bromophenyl-phenylether  
Concen: 4.531 ng  
RT: 16.426 min Scan# 2270  
Delta R.T. 0.000 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005

Tgt Ion:248 Resp: 1089  
Ion Ratio Lower Upper  
248 100  
250 105.6 77.1 115.7  
141 77.2 59.8 89.8

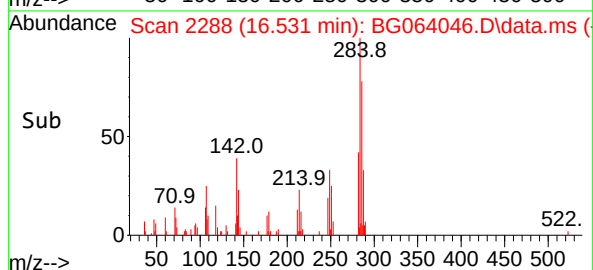
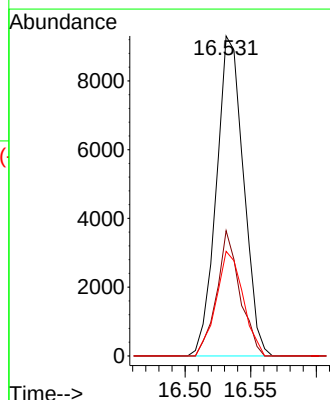
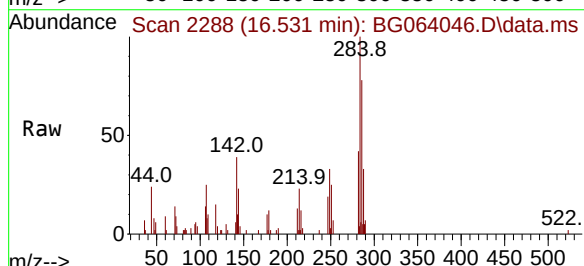
Manual Integrations  
APPROVED

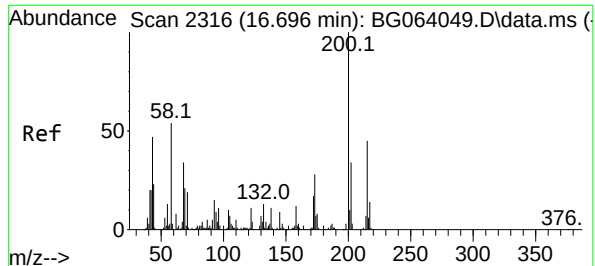
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#68  
Hexachlorobenzene  
Concen: 4.958 ng  
RT: 16.531 min Scan# 2288  
Delta R.T. -0.006 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

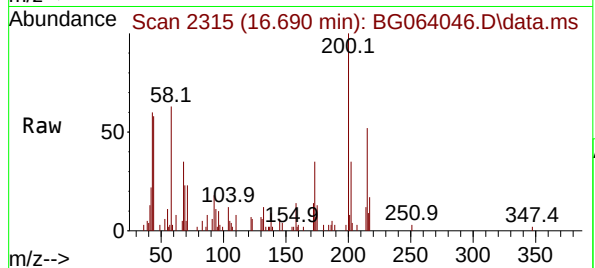
Tgt Ion:284 Resp: 13351  
Ion Ratio Lower Upper  
284 100  
142 39.1 30.6 45.8  
249 32.7 26.6 39.8





#69  
Atrazine  
Concen: 5.264 ng  
RT: 16.690 min Scan# 2109  
Delta R.T. -0.006 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

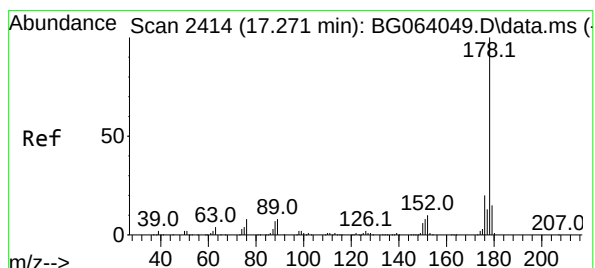
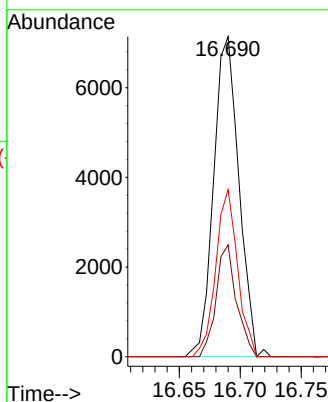
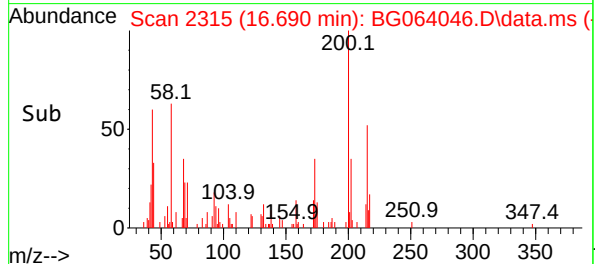
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



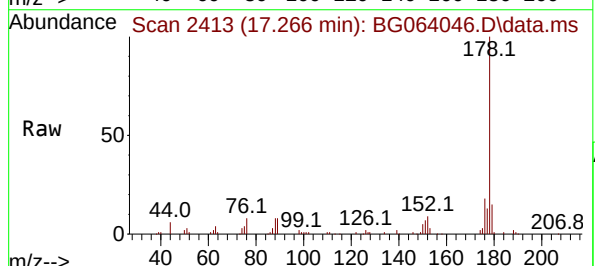
Tgt Ion:200 Resp: 1029  
Ion Ratio Lower Upper  
200 100  
173 34.9 8.2 48.2  
215 52.2 25.5 65.5

Manual Integrations  
APPROVED

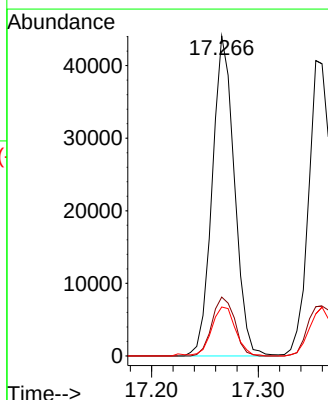
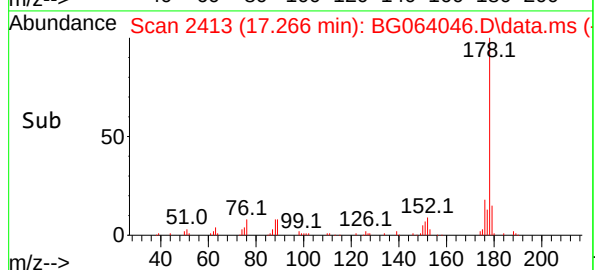
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



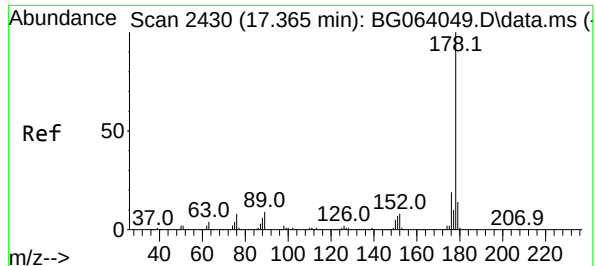
#71  
Phenanthrene  
Concen: 5.079 ng  
RT: 17.266 min Scan# 2413  
Delta R.T. -0.006 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42



Tgt Ion:178 Resp: 63629  
Ion Ratio Lower Upper  
178 100  
176 18.4 15.9 23.9  
179 15.3 12.2 18.2

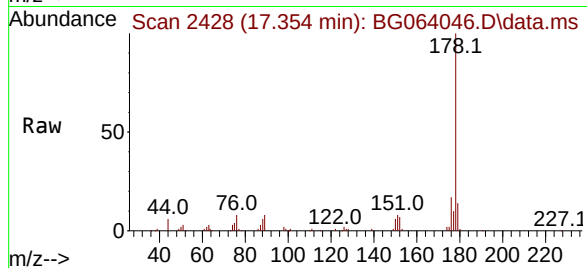






#72  
Anthracene  
Concen: 4.825 ng  
RT: 17.354 min Scan# 2428  
Delta R.T. -0.011 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

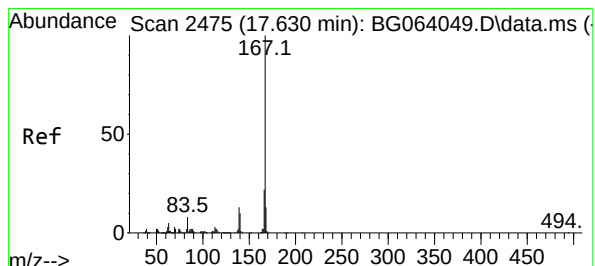
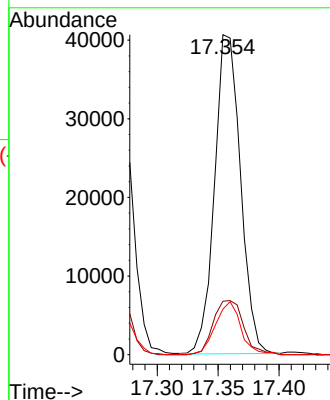
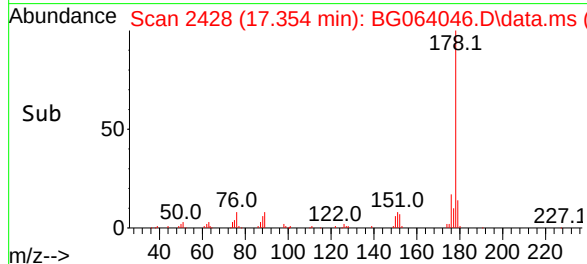
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:178 Resp: 60108  
Ion Ratio Lower Upper  
178 100  
176 16.7 14.8 22.2  
179 14.2 11.5 17.3

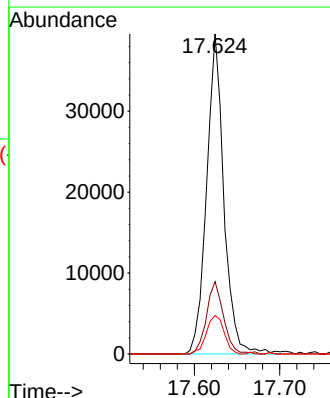
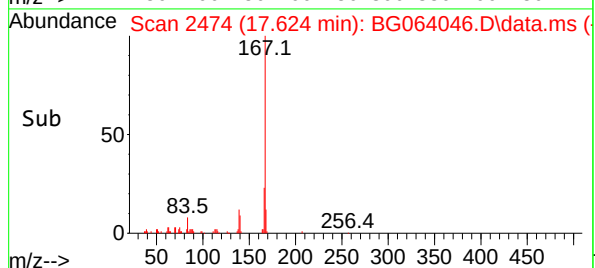
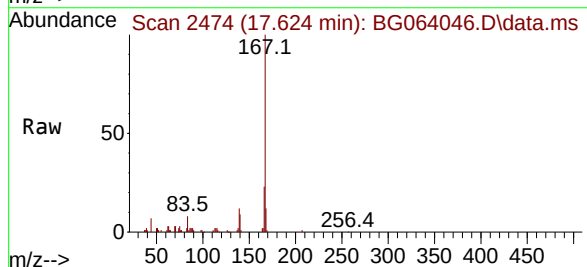
Manual Integrations  
APPROVED

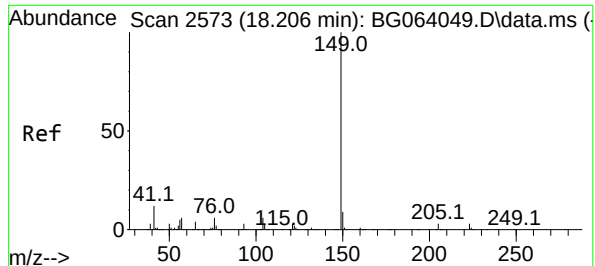
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#73  
Carbazole  
Concen: 4.792 ng  
RT: 17.624 min Scan# 2474  
Delta R.T. -0.006 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

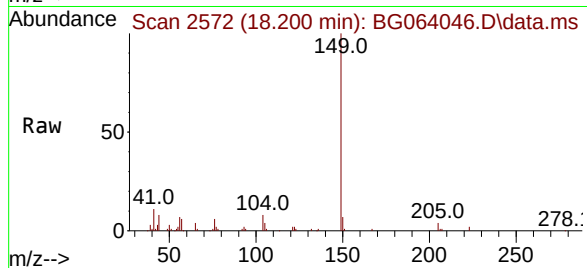
Tgt Ion:167 Resp: 55726  
Ion Ratio Lower Upper  
167 100  
166 22.6 18.0 27.0  
139 12.0 10.6 15.8





#74  
Di-n-butylphthalate  
Concen: 3.996 ng  
RT: 18.200 min Scan# 2573  
Delta R.T. -0.006 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

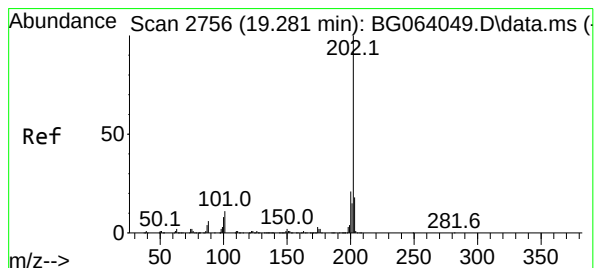
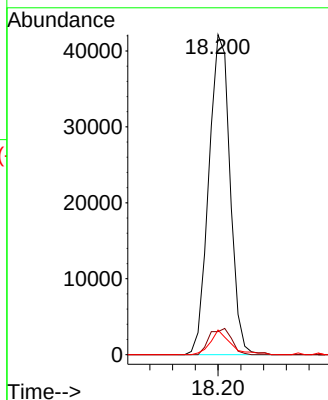
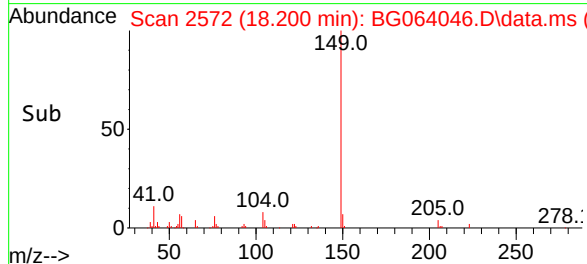
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



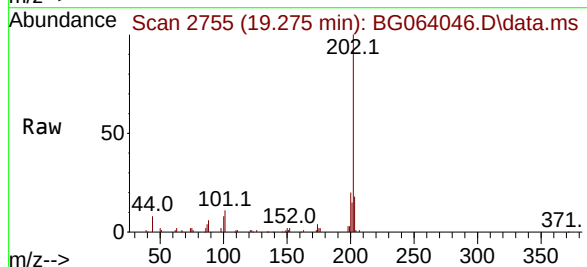
Tgt Ion:149 Resp: 54700  
Ion Ratio Lower Upper  
149 100  
150 7.2 7.4 11.0  
104 7.7 5.0 7.6

Manual Integrations  
APPROVED

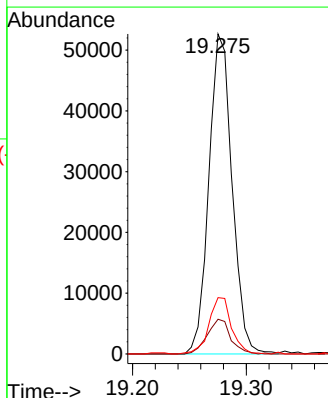
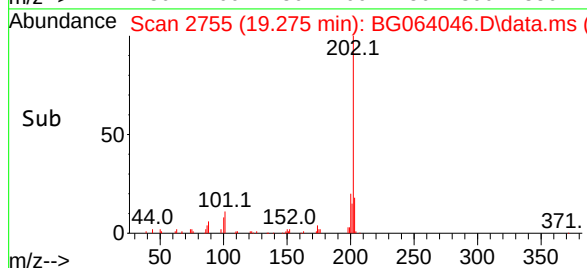
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

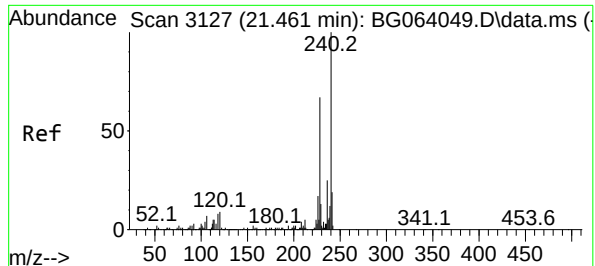


#75  
Fluoranthene  
Concen: 4.946 ng  
RT: 19.275 min Scan# 2755  
Delta R.T. -0.006 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42



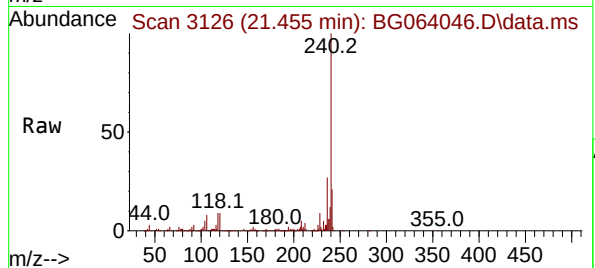
Tgt Ion:202 Resp: 74694  
Ion Ratio Lower Upper  
202 100  
101 10.8 0.0 30.5  
203 17.6 0.0 38.3





#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.455 min Scan# 3127  
Delta R.T. -0.006 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

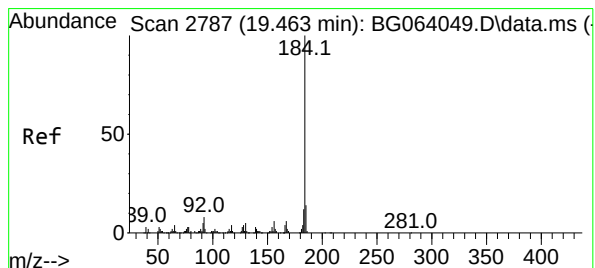
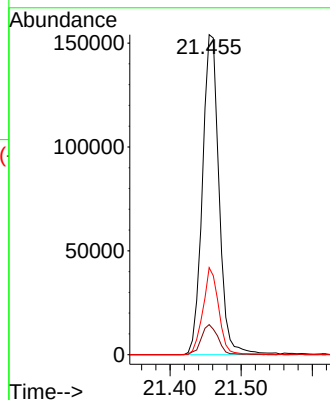
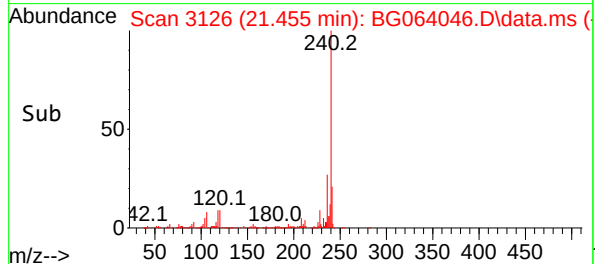
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:240 Resp: 251570  
Ion Ratio Lower Upper  
240 100  
120 9.4 7.2 10.8  
236 27.2 20.2 30.2

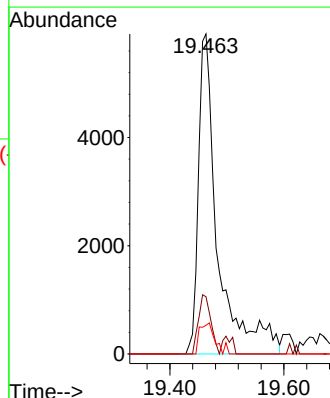
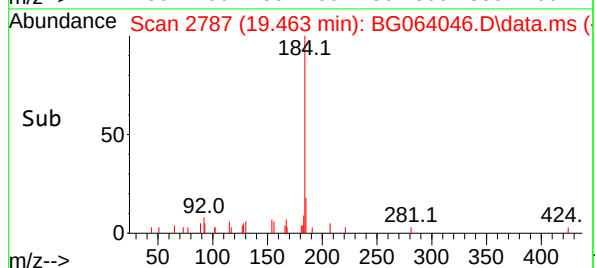
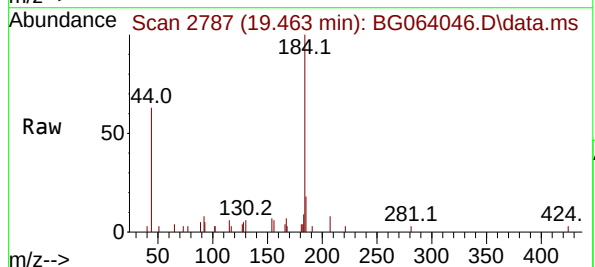
Manual Integrations  
APPROVED

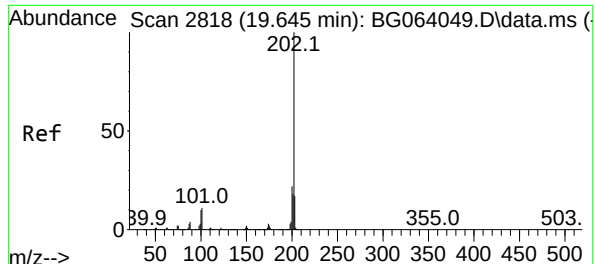
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#77  
Benzidine  
Concen: 3.941 ng m  
RT: 19.463 min Scan# 2787  
Delta R.T. 0.000 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

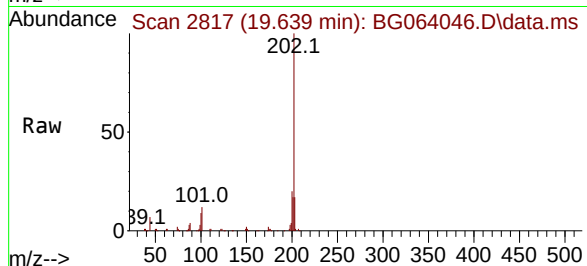
Tgt Ion:184 Resp: 13919  
Ion Ratio Lower Upper  
184 100  
185 17.9 11.3 16.9#  
183 9.0 9.5 14.3#





#78  
Pyrene  
Concen: 4.853 ng  
RT: 19.639 min Scan# 2817  
Delta R.T. -0.006 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

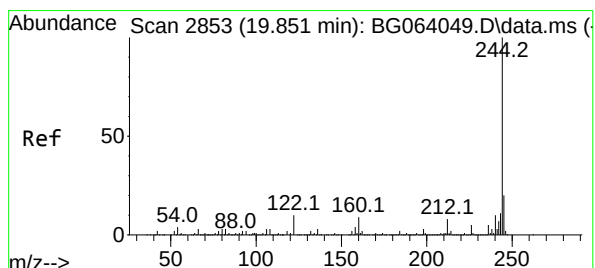
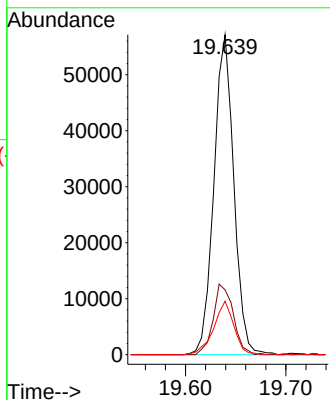
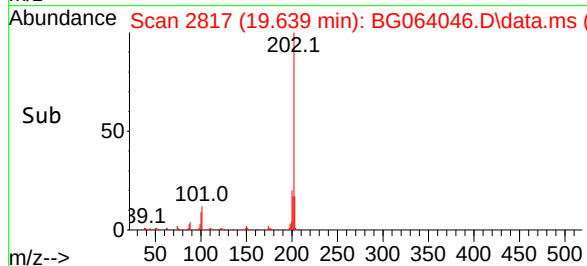
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



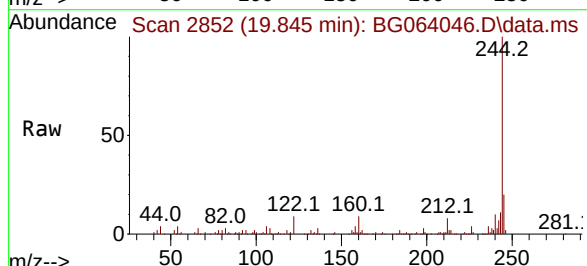
Tgt Ion:202 Resp: 7870  
Ion Ratio Lower Upper  
202 100  
200 20.3 17.3 25.9  
203 16.7 13.6 20.4

Manual Integrations  
APPROVED

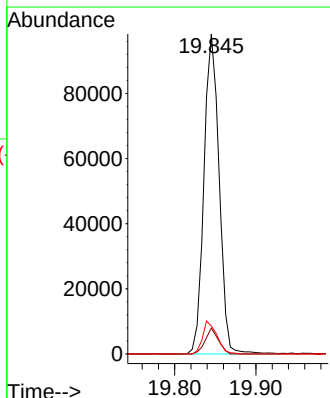
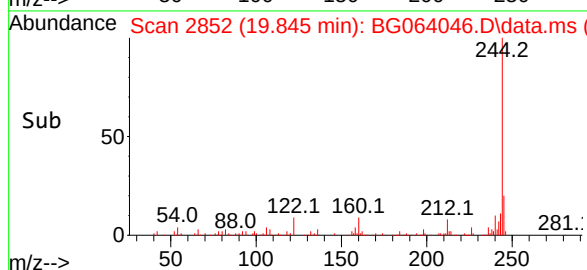
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

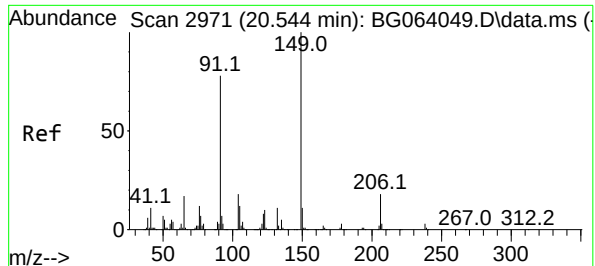


#79  
Terphenyl-d14  
Concen: 10.226 ng  
RT: 19.845 min Scan# 2852  
Delta R.T. -0.006 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42



Tgt Ion:244 Resp: 127223  
Ion Ratio Lower Upper  
244 100  
212 8.1 6.2 9.4  
122 8.8 8.0 12.0





#80

Butylbenzylphthalate

Concen: 6.356 ng

RT: 20.538 min Scan# 2971

Delta R.T. -0.006 min

Lab File: BG064046.D

Acq: 5 Mar 2025 9:42

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

Tgt Ion:149 Resp: 17899

Ion Ratio Lower Upper

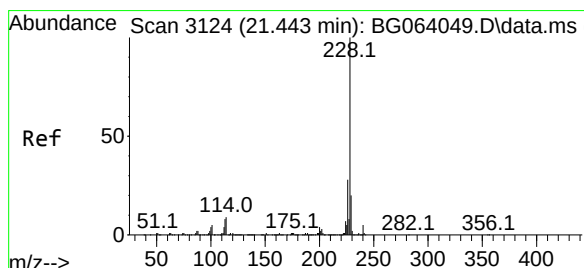
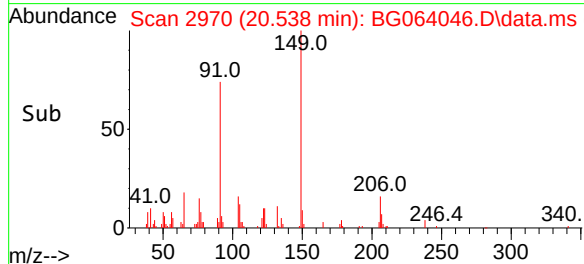
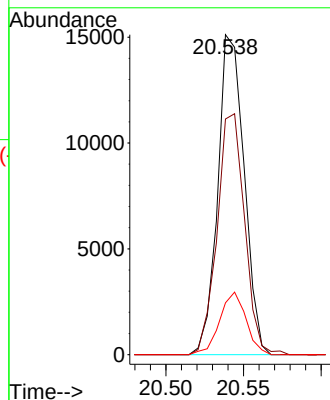
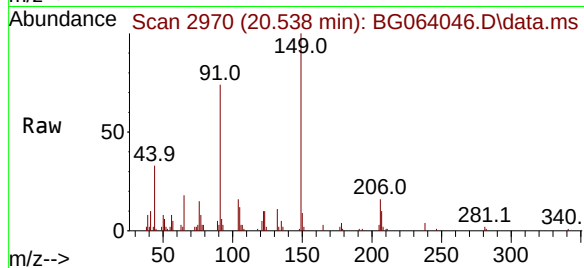
149 100

91 73.7 62.0 93.0

206 16.2 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

#81

Benzo(a)anthracene

Concen: 4.751 ng

RT: 21.437 min Scan# 3123

Delta R.T. -0.006 min

Lab File: BG064046.D

Acq: 5 Mar 2025 9:42

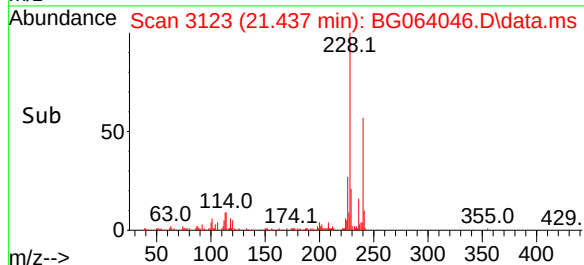
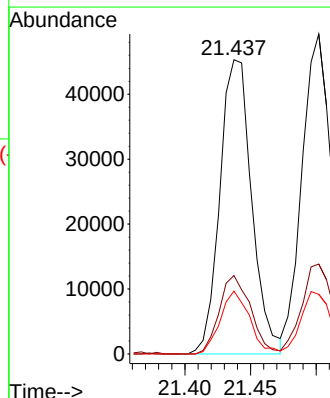
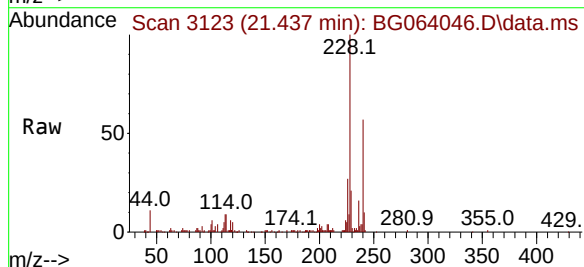
Tgt Ion:228 Resp: 76566

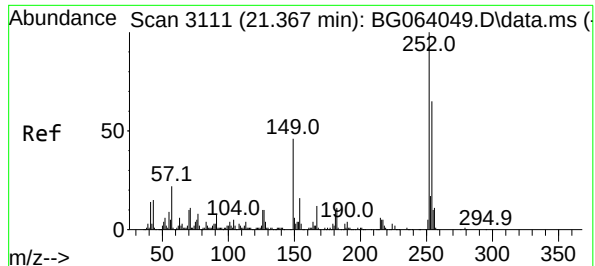
Ion Ratio Lower Upper

228 100

226 26.7 22.2 33.2

229 21.4 16.4 24.6





#82

3,3'-Dichlorobenzidine

Concen: 4.226 ng

RT: 21.361 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BG064046.D

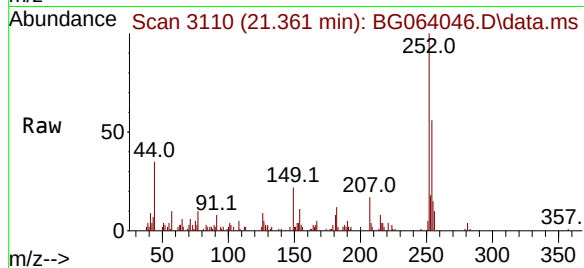
Acq: 5 Mar 2025 9:42

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005



Tgt Ion:252 Resp: 22038

Ion Ratio Lower Upper

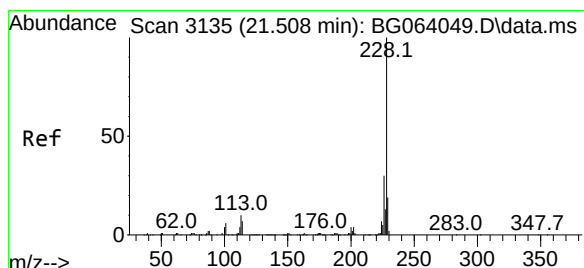
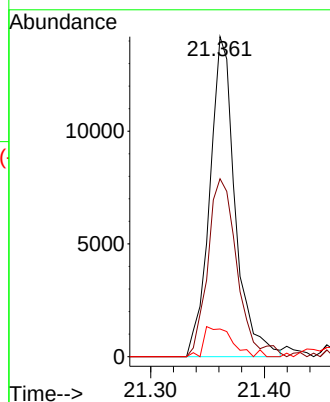
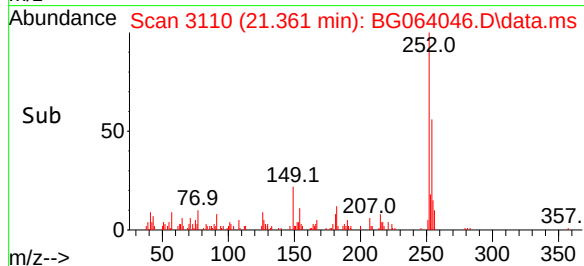
252 100

254 55.6 52.1 78.1

126 8.6 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

#83

Chrysene

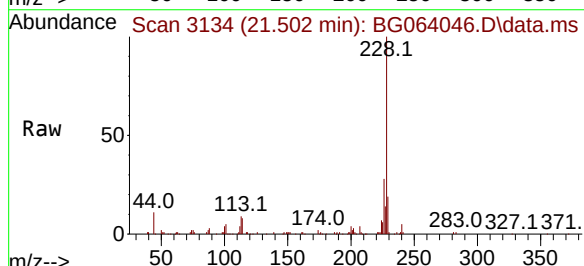
Concen: 5.014 ng

RT: 21.502 min Scan# 3134

Delta R.T. -0.006 min

Lab File: BG064046.D

Acq: 5 Mar 2025 9:42



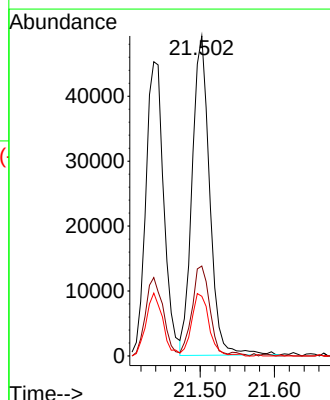
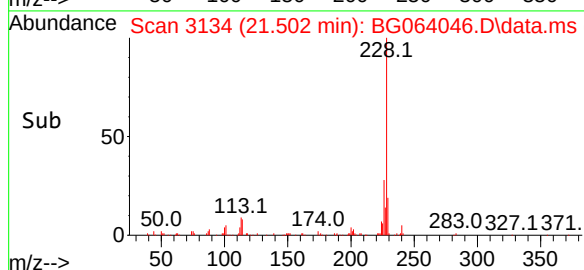
Tgt Ion:228 Resp: 80580

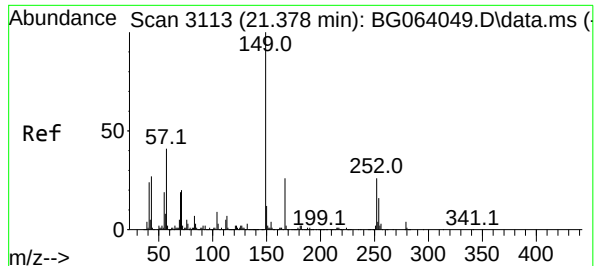
Ion Ratio Lower Upper

228 100

226 28.1 23.9 35.9

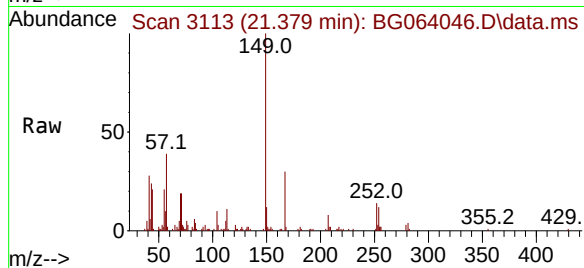
229 18.7 15.3 22.9





#84  
Bis(2-ethylhexyl)phthalate  
Concen: 3.634 ng  
RT: 21.379 min Scan# 3113  
Delta R.T. 0.000 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

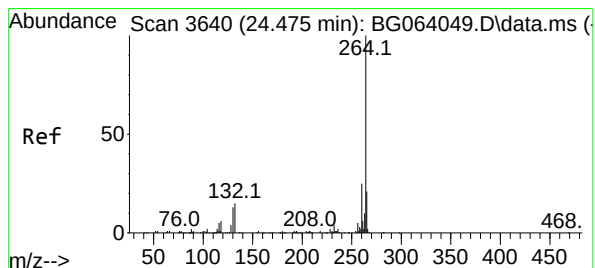
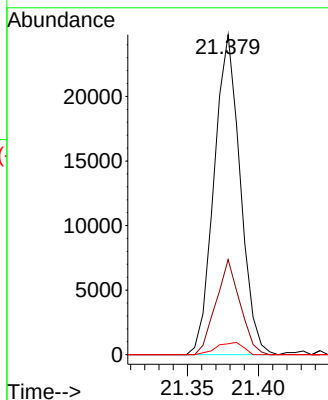
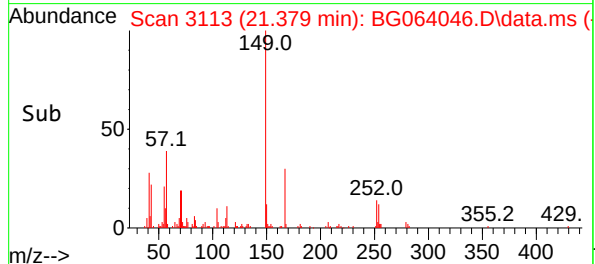
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:149 Resp: 31674  
Ion Ratio Lower Upper  
149 100  
167 29.7 21.0 31.6  
279 3.4 2.8 4.2

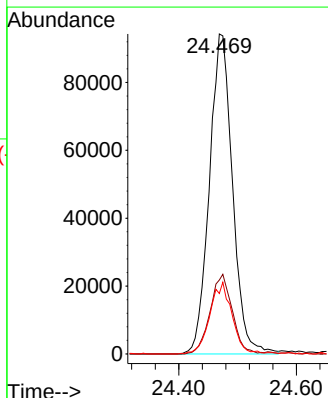
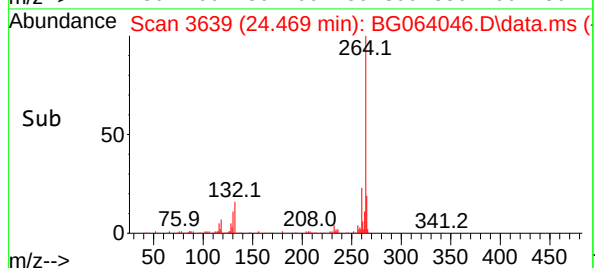
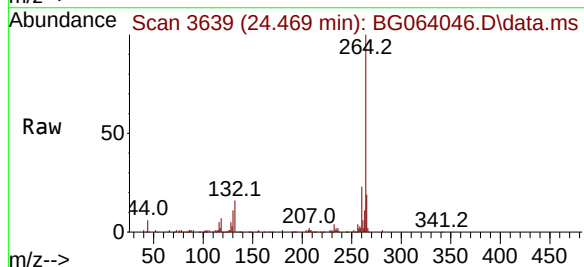
Manual Integrations  
APPROVED

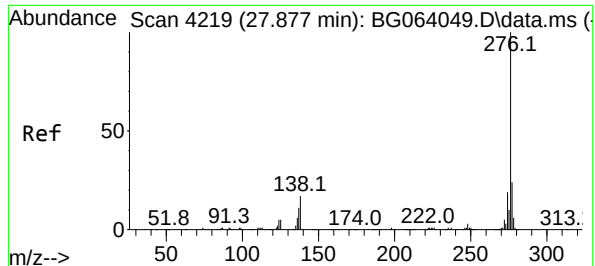
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.469 min Scan# 3639  
Delta R.T. -0.006 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

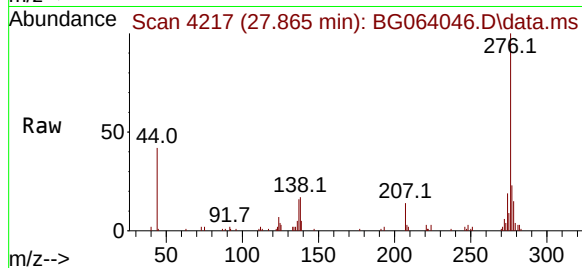
Tgt Ion:264 Resp: 257404  
Ion Ratio Lower Upper  
264 100  
260 23.1 19.6 29.4  
265 18.9 16.6 25.0





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 4.569 ng  
RT: 27.865 min Scan# 4217  
Delta R.T. -0.011 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

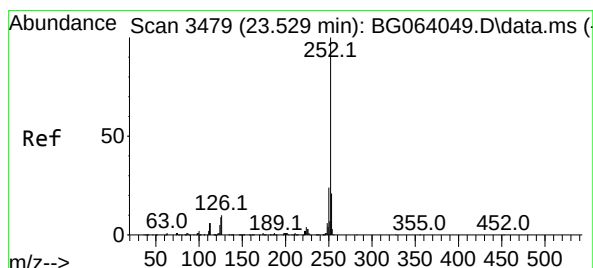
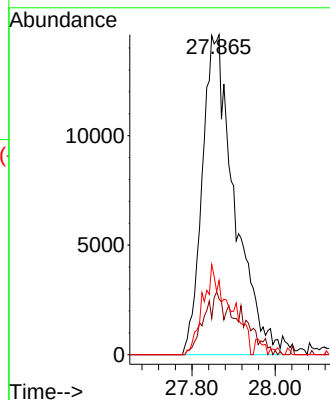
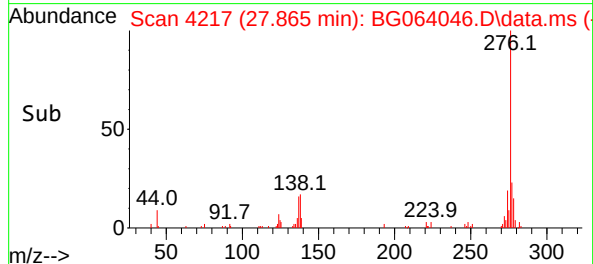
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion: 276 Resp: 7868  
Ion Ratio Lower Upper  
276 100  
138 11.1 12.1 18.1  
277 23.4 20.0 30.0

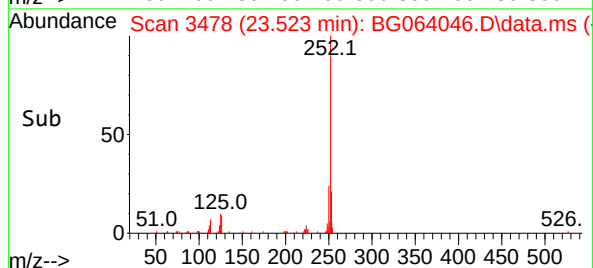
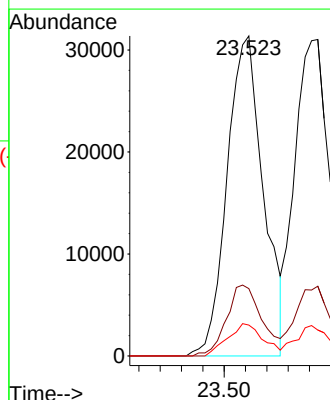
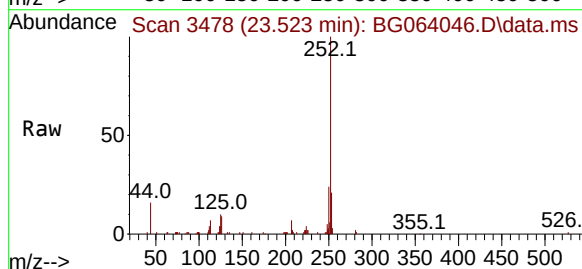
Manual Integrations  
APPROVED

Reviewed By : Jagrut Upadhyay 03/06/2025  
Supervised By : mohammad ahmed 03/07/2025

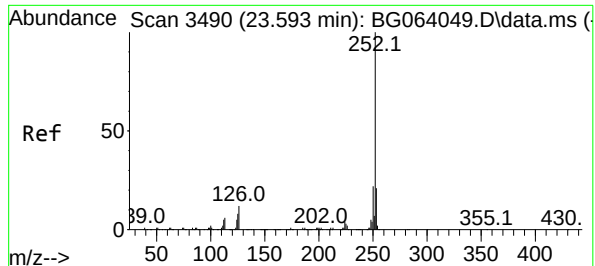


#88  
Benzo(b)fluoranthene  
Concen: 4.757 ng  
RT: 23.523 min Scan# 3478  
Delta R.T. -0.006 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

Tgt Ion: 252 Resp: 74031  
Ion Ratio Lower Upper  
252 100  
253 21.0 17.0 25.4  
125 9.7 7.4 11.2







#89

Benzo(k)fluoranthene

Concen: 4.582 ng

RT: 23.588 min Scan# 34

Delta R.T. -0.006 min

Lab File: BG064046.D

Acq: 5 Mar 2025 9:42

Instrument :

BNA\_G

ClientSampleId :

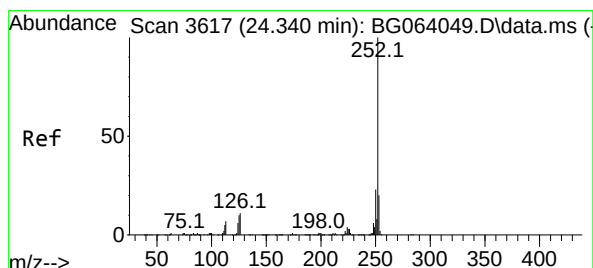
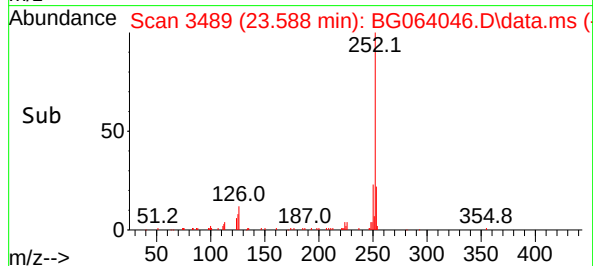
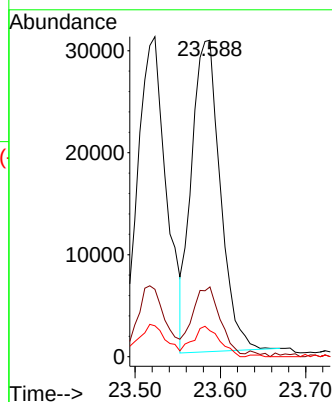
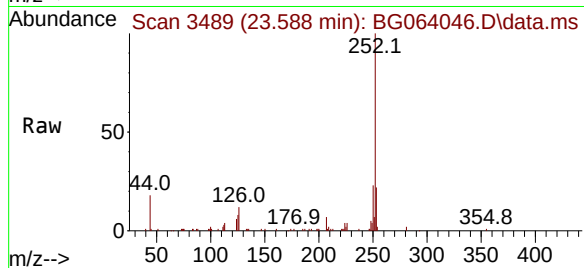
SSTDICC005

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 252   | Resp: | 7152 |
| Ion Ratio | Lower | Upper |      |
| 252       | 100   |       |      |
| 253       | 22.1  | 16.8  | 25.2 |
| 125       | 8.2   | 6.9   | 10.3 |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#90

Benzo(a)pyrene

Concen: 4.610 ng

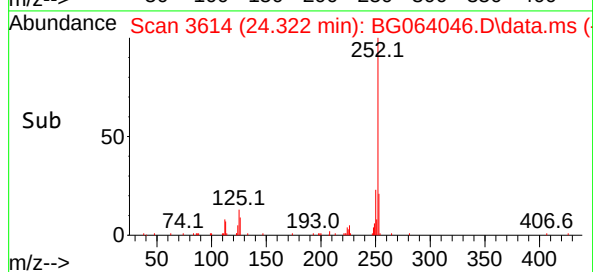
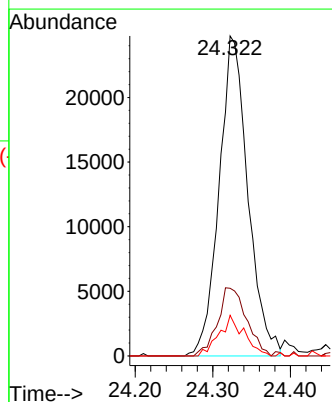
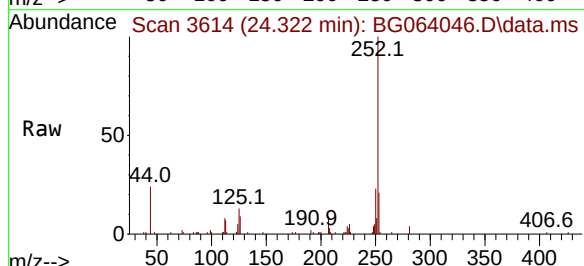
RT: 24.322 min Scan# 3614

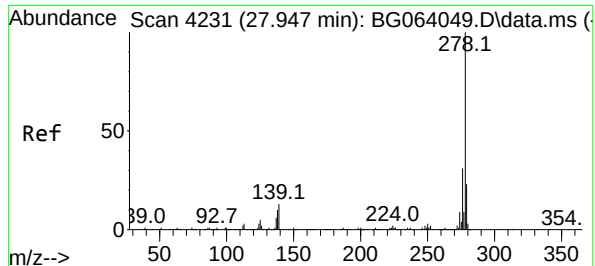
Delta R.T. -0.017 min

Lab File: BG064046.D

Acq: 5 Mar 2025 9:42

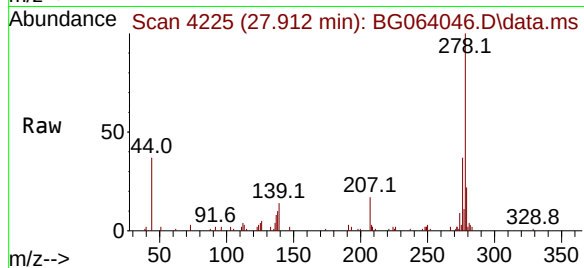
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 63881 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 21.2  | 16.2  | 24.2  |
| 125       | 12.7  | 7.8   | 11.6# |





#91  
Dibenzo(a,h)anthracene  
Concen: 4.638 ng  
RT: 27.912 min Scan# 41  
Delta R.T. -0.035 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42

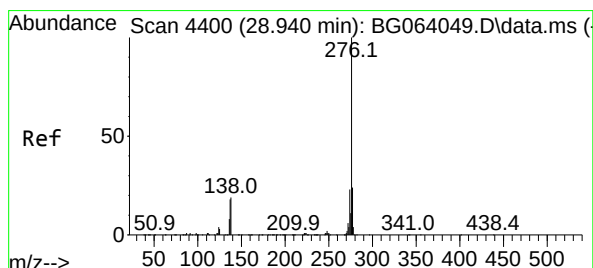
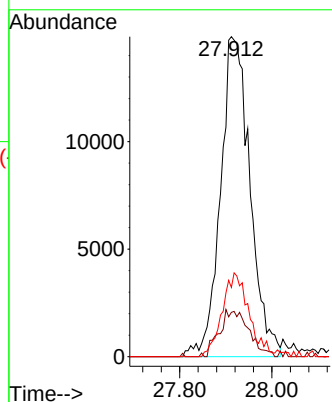
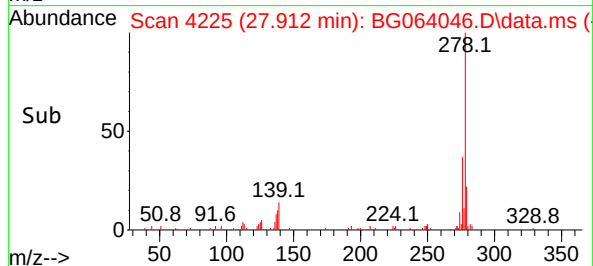
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



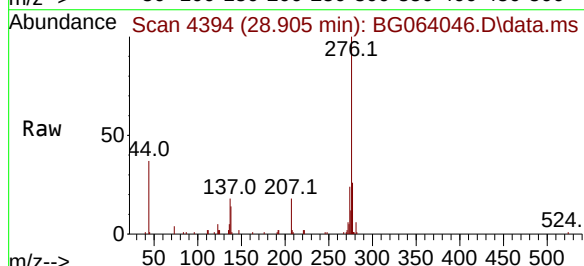
Tgt Ion:278 Resp: 66224  
Ion Ratio Lower Upper  
278 100  
139 13.9 10.2 15.2  
279 21.7 18.1 27.1

Manual Integrations  
APPROVED

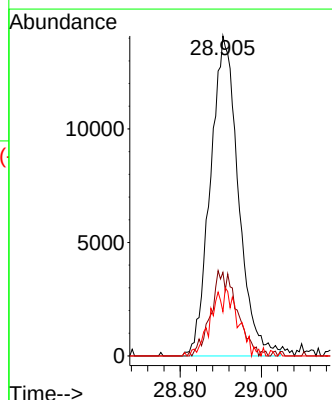
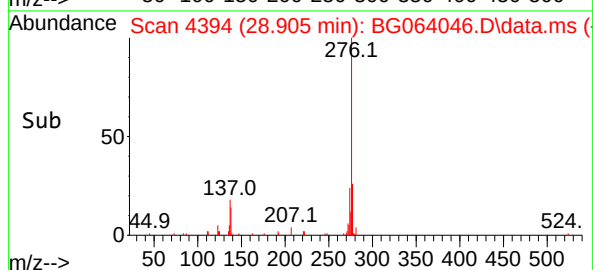
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#92  
Benzo(g,h,i)perylene  
Concen: 4.607 ng  
RT: 28.905 min Scan# 4394  
Delta R.T. -0.035 min  
Lab File: BG064046.D  
Acq: 5 Mar 2025 9:42



Tgt Ion:276 Resp: 67535  
Ion Ratio Lower Upper  
276 100  
277 26.1 19.5 29.3  
138 13.8 15.4 23.0#



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030525\  
 Data File : BG064047.D  
 Acq On : 5 Mar 2025 10:22  
 Operator : RC/JU  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDICC010

## Manual Integrations

## APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025

Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:21:34 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 05 14:45:06 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.867  | 152  | 31108    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.652 | 136  | 139041   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.489 | 164  | 93753    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.227 | 188  | 216134   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.457 | 240  | 243131   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.471 | 264  | 255316   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.446  | 112  | 38583    | 19.366 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.027  | 99   | 50726    | 18.716 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.013  | 82   | 41723    | 16.583 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.969 | 330  | 17898    | 17.174 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.114 | 172  | 122799   | 19.881 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.847 | 244  | 248866   | 20.697 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.378  | 88   | 9415     | 10.428 | ng    | 97       |
| 3) Pyridine                   | 3.760  | 79   | 22471    | 10.233 | ng    | 93       |
| 4) n-Nitrosodimethylamine     | 3.678  | 42   | 15180    | 9.676  | ng    | # 99     |
| 6) Aniline                    | 7.191  | 93   | 25976    | 9.767  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.432  | 128  | 20803    | 9.722  | ng    | 95       |
| 9) Benzaldehyde               | 7.003  | 77   | 17458m   | 11.020 | ng    |          |
| 10) Phenol                    | 7.050  | 94   | 26326    | 9.487  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.285  | 93   | 22457    | 10.323 | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 7.755  | 146  | 23941    | 10.189 | ng    | 90       |
| 13) 1,4-Dichlorobenzene       | 7.896  | 146  | 24047    | 9.985  | ng    | 93       |
| 14) 1,2-Dichlorobenzene       | 8.214  | 146  | 22764    | 9.802  | ng    | 91       |
| 15) Benzyl Alcohol            | 8.096  | 79   | 19422    | 9.274  | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.390  | 45   | 47034    | 9.615  | ng    | 97       |
| 17) 2-Methylphenol            | 8.296  | 107  | 17355    | 9.424  | ng    | 94       |
| 18) Hexachloroethane          | 8.948  | 117  | 8075     | 9.583  | ng    | 90       |
| 19) n-Nitroso-di-n-propyla... | 8.660  | 70   | 17996    | 9.461  | ng    | # 95     |
| 20) 3+4-Methylphenols         | 8.625  | 107  | 23611    | 9.313  | ng    | 93       |
| 22) Acetophenone              | 8.678  | 105  | 36468    | 9.566  | ng    | # 91     |
| 24) Nitrobenzene              | 9.054  | 77   | 22242    | 8.554  | ng    | # 96     |
| 25) Isophorone                | 9.577  | 82   | 46752    | 9.284  | ng    | 97       |
| 26) 2-Nitrophenol             | 9.765  | 139  | 5521     | 9.891  | ng    | # 79     |
| 27) 2,4-Dimethylphenol        | 9.823  | 122  | 13030    | 8.631  | ng    | 90       |
| 28) bis(2-Chloroethoxy)met... | 10.064 | 93   | 28970    | 9.488  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.293 | 162  | 16635    | 8.726  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 10.517 | 180  | 22045    | 9.579  | ng    | 96       |
| 31) Naphthalene               | 10.699 | 128  | 72491    | 9.669  | ng    | 98       |
| 32) Benzoic acid              | 9.912  | 122  | 5442m    | 11.884 | ng    |          |
| 33) 4-Chloroaniline           | 10.805 | 127  | 25282    | 9.226  | ng    | # 92     |
| 34) Hexachlorobutadiene       | 10.993 | 225  | 14828    | 9.830  | ng    | 99       |
| 35) Caprolactam               | 11.539 | 113  | 6357     | 8.702  | ng    | # 91     |
| 36) 4-Chloro-3-methylphenol   | 11.921 | 107  | 22970    | 9.192  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.309 | 142  | 50557    | 9.552  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 12.526 | 142  | 50620    | 9.762  | ng    | # 92     |
| 40) 1,2,4,5-Tetrachloroben... | 12.679 | 216  | 27386    | 10.232 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.667 | 237  | 6015     | 7.985  | ng    | 90       |
| 43) 2,4,6-Trichlorophenol     | 12.914 | 196  | 13713    | 8.693  | ng    | 95       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030525\  
 Data File : BG064047.D  
 Acq On : 5 Mar 2025 10:22  
 Operator : RC/JU  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDICC010

## Manual Integrations

## APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025

Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:21:34 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 05 14:45:06 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.979 | 196  | 15468    | 8.825  | ng    | 95       |
| 46) 1,1'-Biphenyl             | 13.319 | 154  | 70250    | 9.918  | ng    | 94       |
| 47) 2-Chloronaphthalene       | 13.360 | 162  | 50394    | 9.755  | ng    | 98       |
| 48) 2-Nitroaniline            | 13.560 | 65   | 10834    | 9.850  | ng    | 90       |
| 49) Acenaphthylene            | 14.207 | 152  | 78614    | 9.621  | ng    | 96       |
| 50) Dimethylphthalate         | 13.942 | 163  | 65659    | 9.487  | ng    | # 95     |
| 51) 2,6-Dinitrotoluene        | 14.054 | 165  | 9373     | 9.566  | ng    | 90       |
| 52) Acenaphthene              | 14.547 | 154  | 53833m   | 9.797  | ng    |          |
| 53) 3-Nitroaniline            | 14.383 | 138  | 10697    | 7.997  | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.583 | 184  | 3090     | 12.640 | ng    | # 74     |
| 55) Dibenzofuran              | 14.882 | 168  | 88163    | 9.924  | ng    | 97       |
| 56) 4-Nitrophenol             | 14.682 | 139  | 7683     | 6.849  | ng    | # 88     |
| 57) 2,4-Dinitrotoluene        | 14.835 | 165  | 11947    | 9.344  | ng    | # 95     |
| 58) Fluorene                  | 15.528 | 166  | 67954    | 9.821  | ng    | 96       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.111 | 232  | 15282    | 8.943  | ng    | 99       |
| 60) Diethylphthalate          | 15.311 | 149  | 70346    | 9.363  | ng    | 96       |
| 61) 4-Chlorophenyl-phenyle... | 15.534 | 204  | 34862    | 10.139 | ng    | 95       |
| 62) 4-Nitroaniline            | 15.540 | 138  | 12324    | 8.534  | ng    | 89       |
| 63) Azobenzene                | 15.822 | 77   | 77127    | 9.620  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.605 | 198  | 5373     | 12.953 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.740 | 169  | 59511    | 9.727  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.422 | 248  | 21085    | 9.525  | ng    | 97       |
| 68) Hexachlorobenzene         | 16.539 | 284  | 24406    | 9.848  | ng    | # 89     |
| 69) Atrazine                  | 16.686 | 200  | 20585    | 11.436 | ng    | 92       |
| 70) Pentachlorophenol         | 16.874 | 266  | 11318    | 7.355  | ng    | # 87     |
| 71) Phenanthrene              | 17.268 | 178  | 111754   | 9.694  | ng    | 97       |
| 72) Anthracene                | 17.356 | 178  | 112451   | 9.810  | ng    | 99       |
| 73) Carbazole                 | 17.626 | 167  | 106750   | 9.974  | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.202 | 149  | 118366   | 9.396  | ng    | 97       |
| 75) Fluoranthene              | 19.277 | 202  | 142097   | 10.224 | ng    | 98       |
| 77) Benzidine                 | 19.465 | 184  | 48648m   | 14.253 | ng    |          |
| 78) Pyrene                    | 19.641 | 202  | 156414   | 9.980  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.546 | 149  | 40179    | 9.952  | ng    | # 88     |
| 81) Benzo(a)anthracene        | 21.439 | 228  | 154113   | 9.895  | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine    | 21.363 | 252  | 48080    | 9.539  | ng    | # 93     |
| 83) Chrysene                  | 21.504 | 228  | 149887   | 9.649  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.380 | 149  | 70780    | 8.403  | ng    | 95       |
| 85) Di-n-octyl phthalate      | 22.526 | 149  | 108389   | 7.461  | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.855 | 276  | 157212   | 9.203  | ng    | # 75     |
| 88) Benzo(b)fluoranthene      | 23.519 | 252  | 146238   | 9.475  | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.584 | 252  | 151826   | 9.805  | ng    | 97       |
| 90) Benzo(a)pyrene            | 24.330 | 252  | 130528   | 9.496  | ng    | 96       |
| 91) Dibenzo(a,h)anthracene    | 27.914 | 278  | 132272   | 9.340  | ng    | # 97     |
| 92) Benzo(g,h,i)perylene      | 28.907 | 276  | 139536   | 9.596  | ng    | 97       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

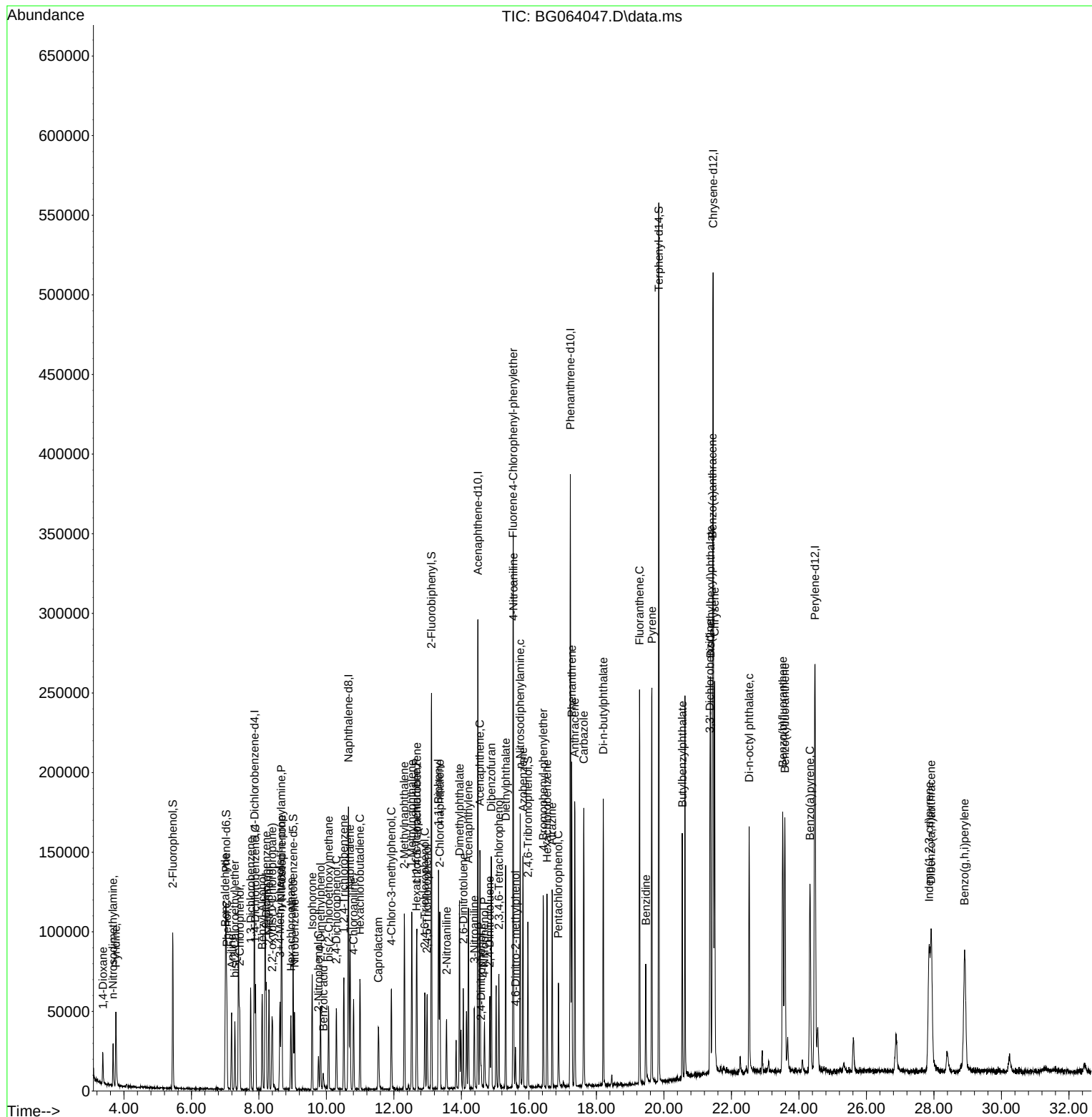
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030525\  
Data File : BG064047.D  
Acq On : 5 Mar 2025 10:22  
Operator : RC/JU  
Sample : SSTDICC010  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

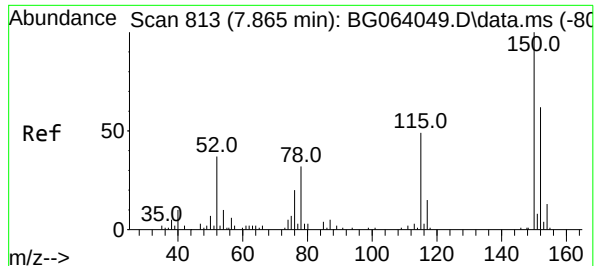
**Instrument :**  
BNA\_G  
**ClientSampleId :**  
SSTDICC010

## Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay    03/06/2025  
Supervised By :mohammad ahmed    03/07/2025

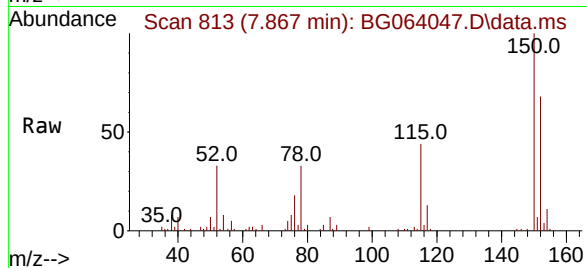
Quant Time: Mar 05 15:21:34 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Mar 05 14:45:06 2025  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.867 min Scan# 813  
Delta R.T. 0.002 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

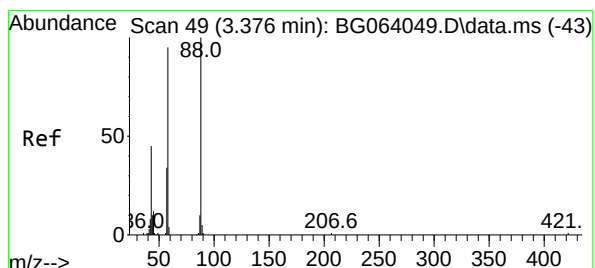
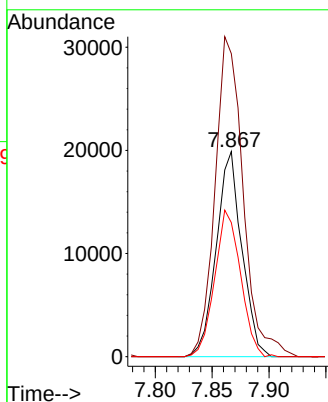
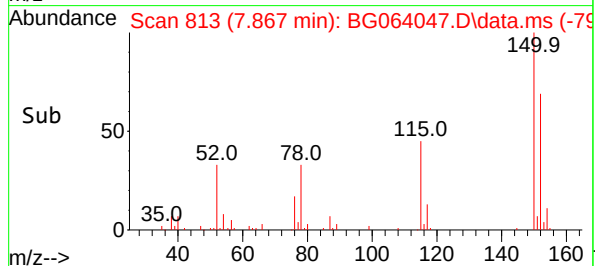
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:152 Resp: 31108  
Ion Ratio Lower Upper  
152 100  
150 147.8 129.2 193.8  
115 65.4 63.0 94.6

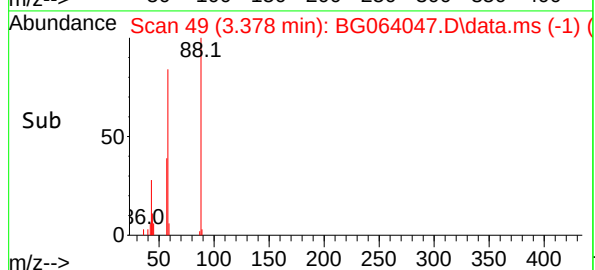
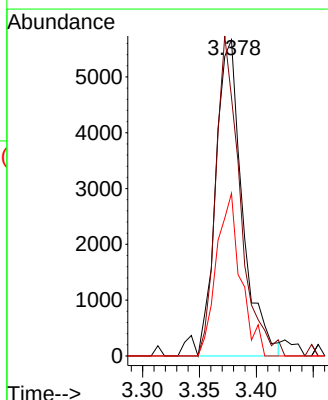
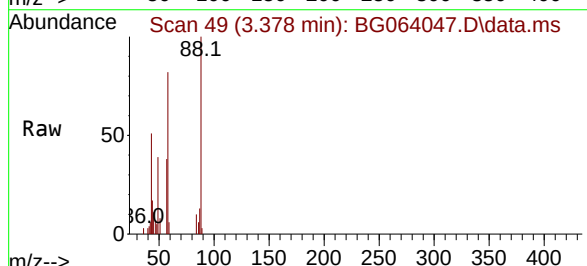
Manual Integrations  
APPROVED

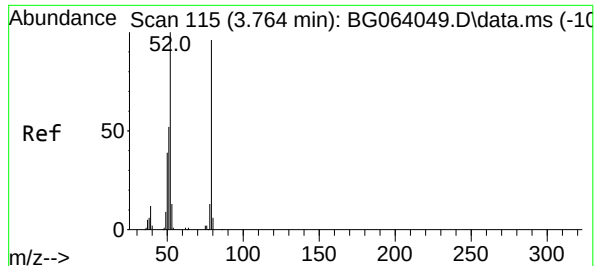
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#2  
1,4-Dioxane  
Concen: 10.428 ng  
RT: 3.378 min Scan# 49  
Delta R.T. 0.002 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

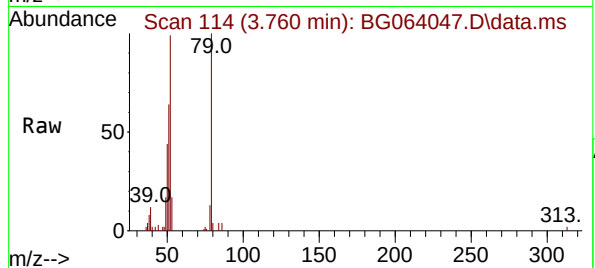
Tgt Ion: 88 Resp: 9415  
Ion Ratio Lower Upper  
88 100  
58 89.7 74.6 111.8  
43 45.8 35.5 53.3





#3  
Pyridine  
Concen: 10.233 ng  
RT: 3.760 min Scan# 115  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

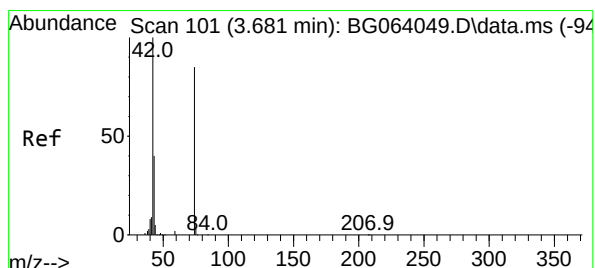
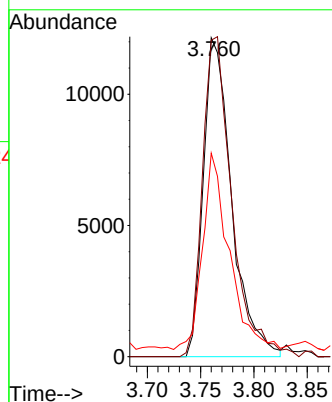
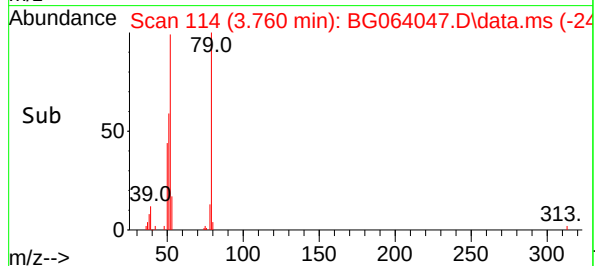
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion: 79 Resp: 2247  
Ion Ratio Lower Upper  
79 100  
52 99.2 83.0 124.6  
51 63.8 44.3 66.5

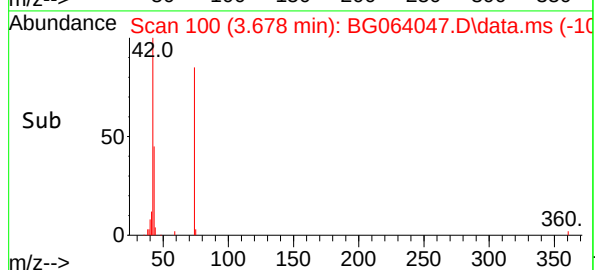
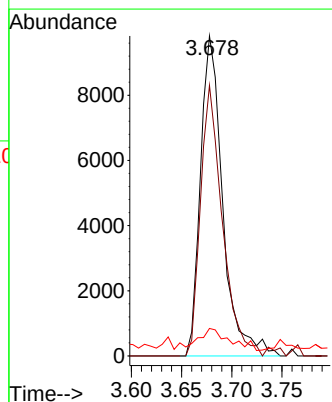
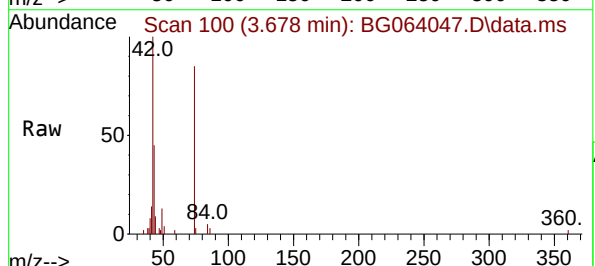
Manual Integrations  
APPROVED

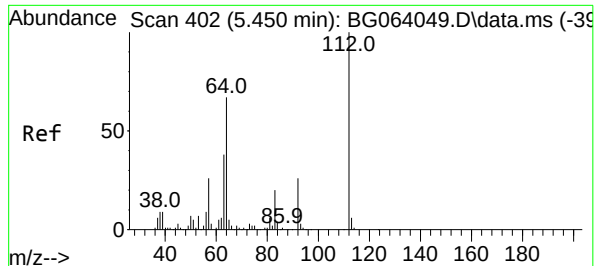
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#4  
n-Nitrosodimethylamine  
Concen: 9.676 ng  
RT: 3.678 min Scan# 100  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

Tgt Ion: 42 Resp: 15180  
Ion Ratio Lower Upper  
42 100  
74 84.6 68.0 102.0  
44 8.6 4.9 7.3#





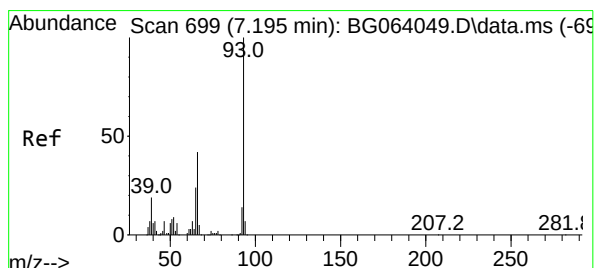
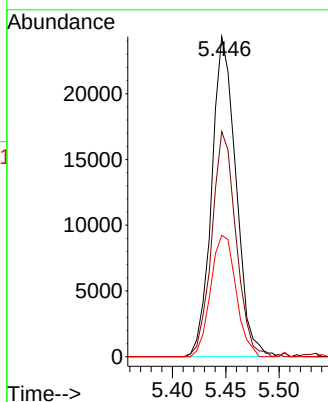
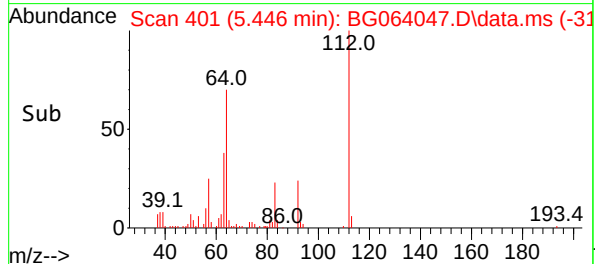
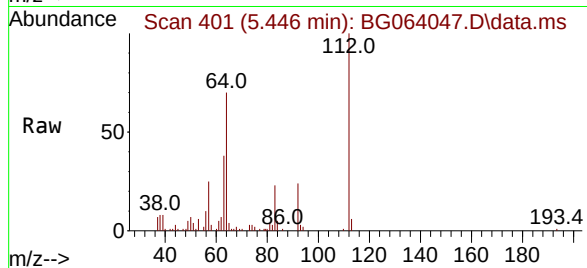
#5  
2-Fluorophenol  
Concen: 19.366 ng  
RT: 5.446 min Scan# 402  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

Tgt Ion: 112 Resp: 3858  
Ion Ratio Lower Upper  
112 100  
64 70.4 53.7 80.5  
63 37.9 30.2 45.4

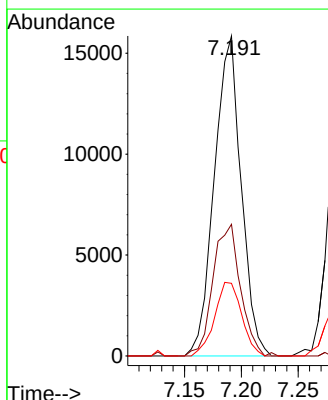
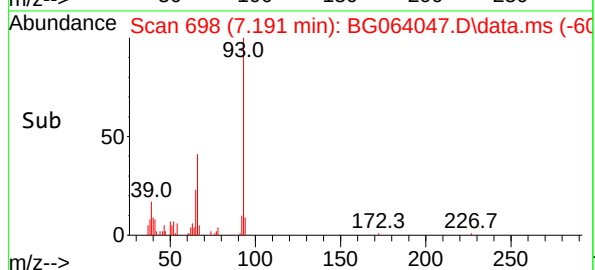
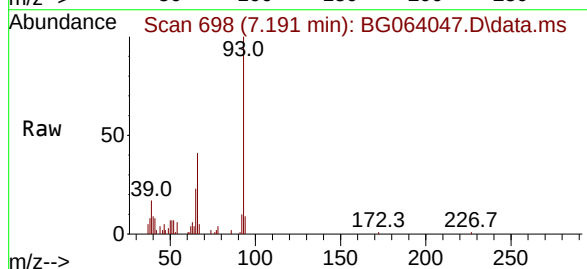
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

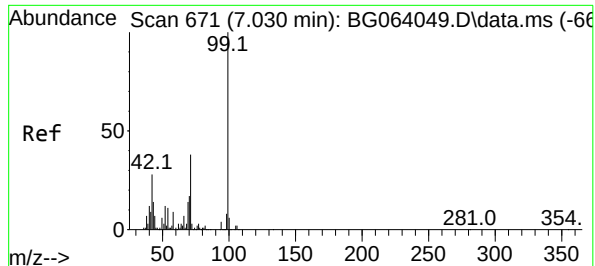


#6  
Aniline  
Concen: 9.767 ng  
RT: 7.191 min Scan# 698  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

Tgt Ion: 93 Resp: 25976  
Ion Ratio Lower Upper  
93 100  
66 41.2 33.7 50.5  
65 22.7 19.1 28.7







#7

Phenol-d6

Concen: 18.716 ng

RT: 7.027 min Scan# 61

Delta R.T. -0.004 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

Tgt Ion: 99 Resp: 50720

Ion Ratio Lower Upper

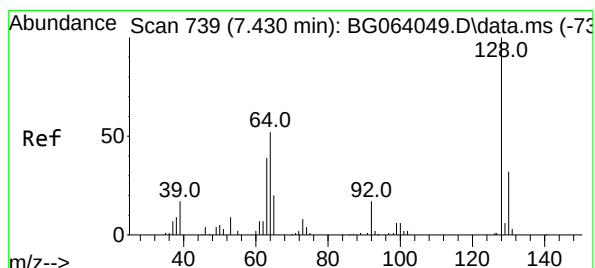
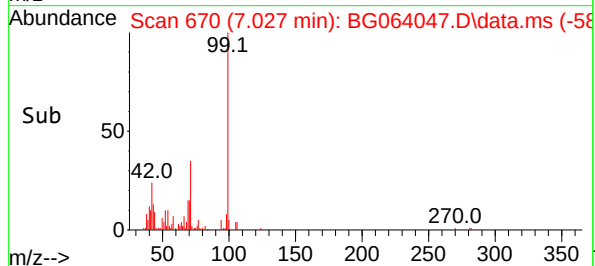
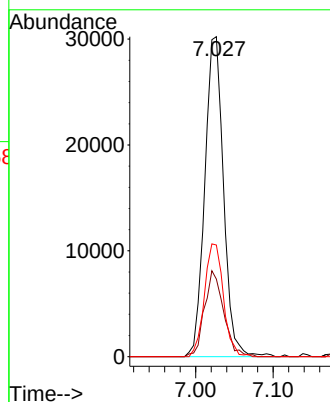
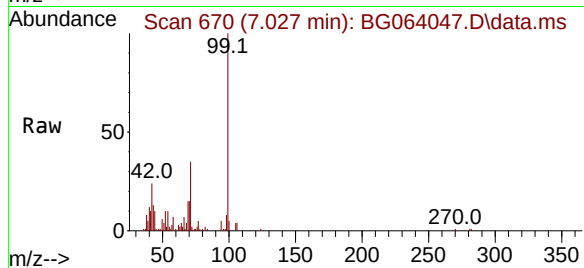
99 100

42 24.2 22.7 34.1

71 34.9 30.6 46.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

#8

2-Chlorophenol

Concen: 9.722 ng

RT: 7.432 min Scan# 739

Delta R.T. 0.002 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

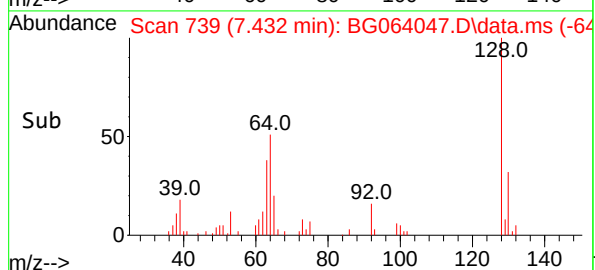
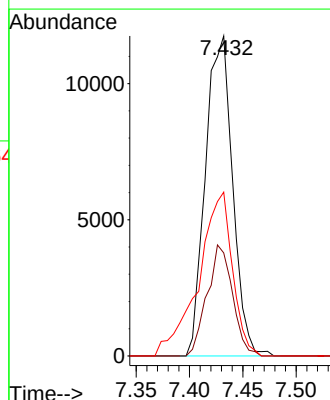
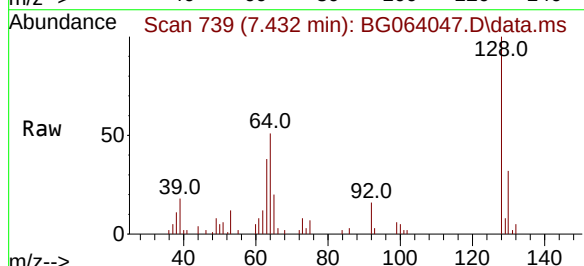
Tgt Ion:128 Resp: 20803

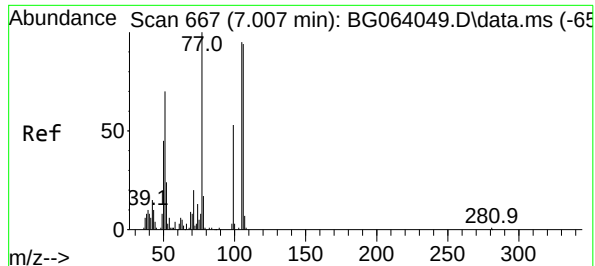
Ion Ratio Lower Upper

128 100

130 32.2 12.3 52.3

64 51.2 37.0 77.0





#9

Benzaldehyde

Concen: 11.020 ng m

RT: 7.003 min Scan# 6

Delta R.T. -0.004 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

Tgt Ion: 77 Resp: 1745

Ion Ratio Lower Upper

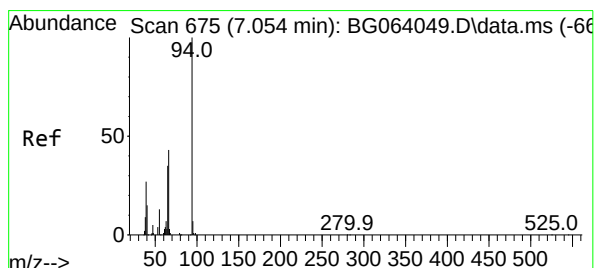
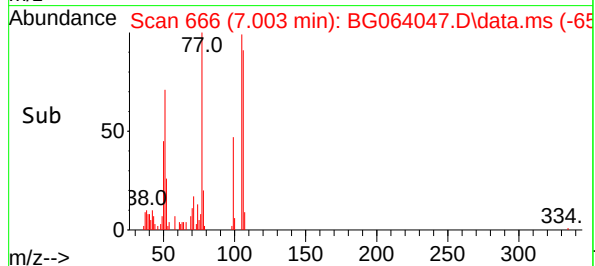
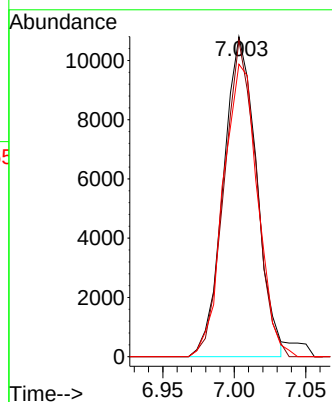
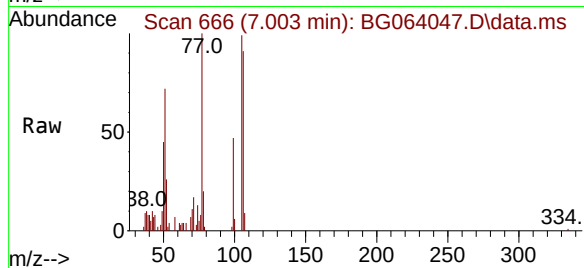
77 100

105 98.8 75.5 115.5

106 91.4 74.2 114.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

#10

Phenol

Concen: 9.487 ng

RT: 7.050 min Scan# 674

Delta R.T. -0.004 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

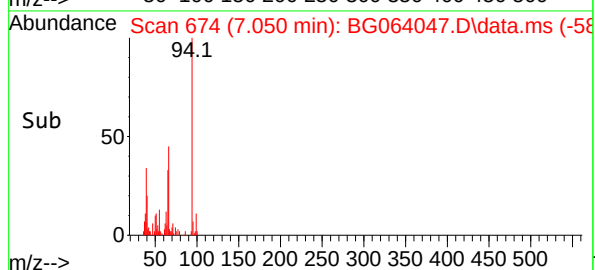
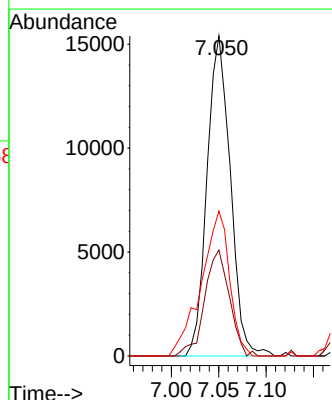
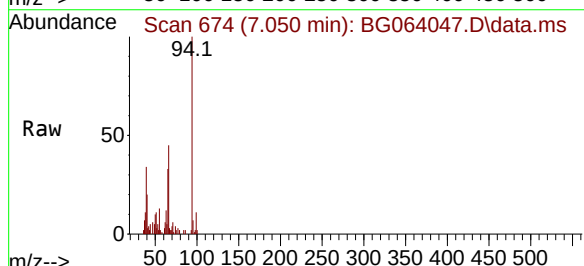
Tgt Ion: 94 Resp: 26326

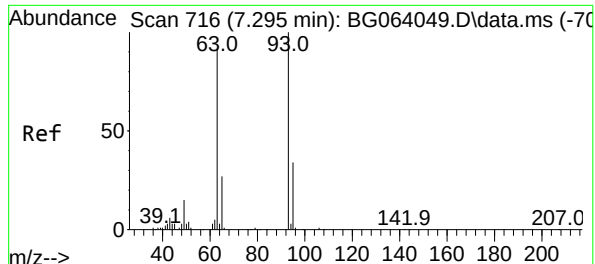
Ion Ratio Lower Upper

94 100

65 33.1 15.2 55.2

66 45.3 25.1 65.1





#11

bis(2-Chloroethyl)ether

Concen: 10.323 ng

RT: 7.285 min Scan# 714

Delta R.T. -0.010 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

Tgt Ion: 93 Resp: 2245

Ion Ratio Lower Upper

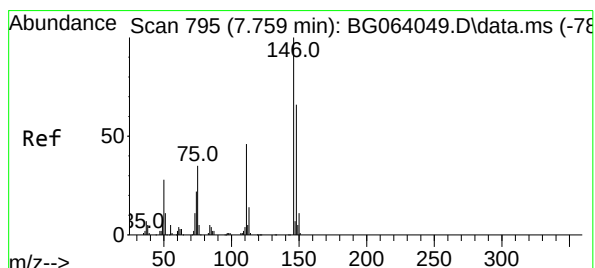
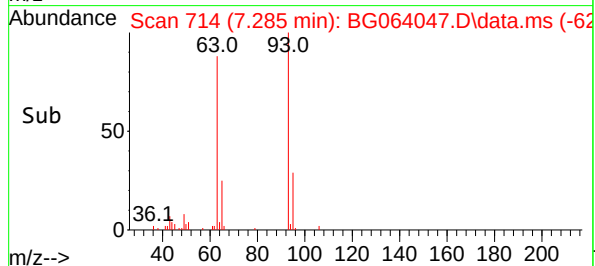
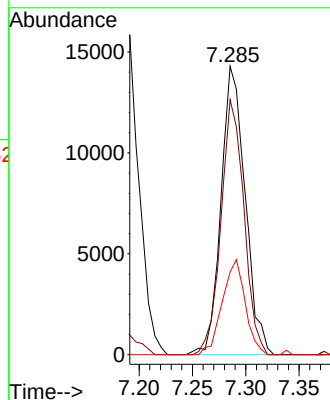
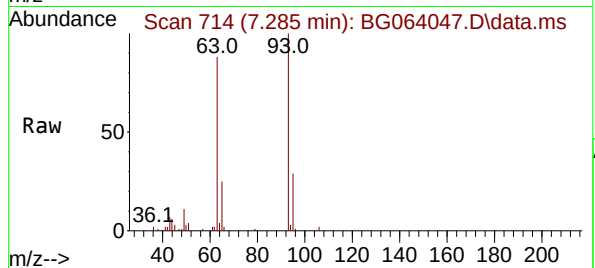
93 100

63 88.5 70.0 110.0

95 28.7 13.7 53.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

#12

1,3-Dichlorobenzene

Concen: 10.189 ng

RT: 7.755 min Scan# 794

Delta R.T. -0.004 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

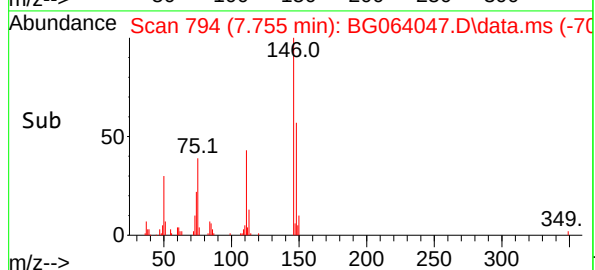
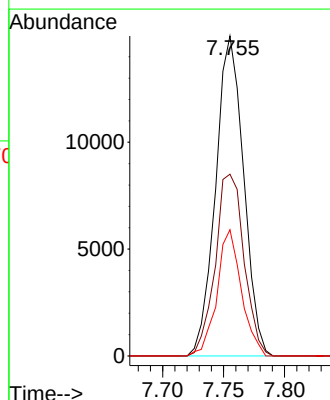
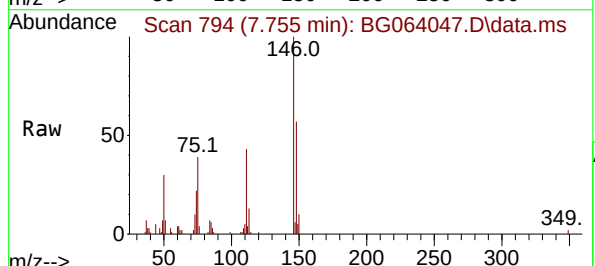
Tgt Ion:146 Resp: 23941

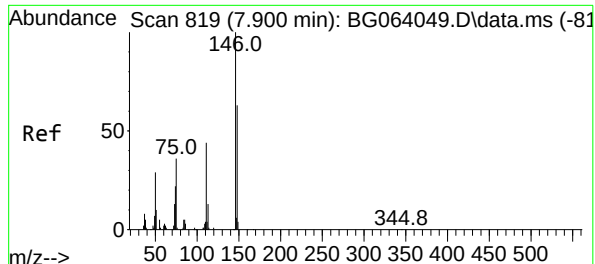
Ion Ratio Lower Upper

146 100

148 56.8 52.6 78.8

75 39.5 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 9.985 ng

RT: 7.896 min Scan# 81

Delta R.T. -0.004 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

Tgt Ion:146 Resp: 2404

Ion Ratio Lower Upper

146 100

148 55.7 50.6 75.8

111 46.7 35.1 52.7

Instrument :

BNA\_G

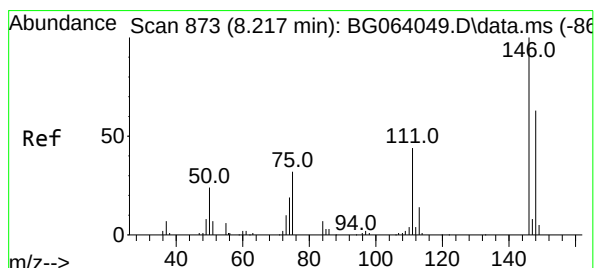
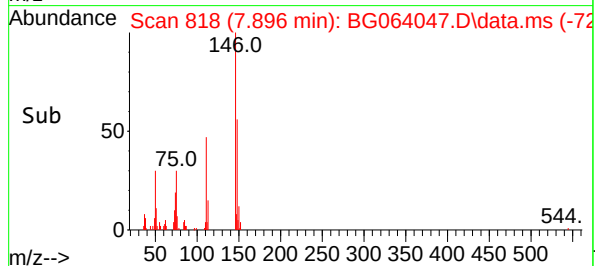
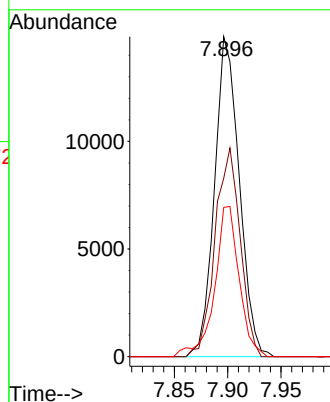
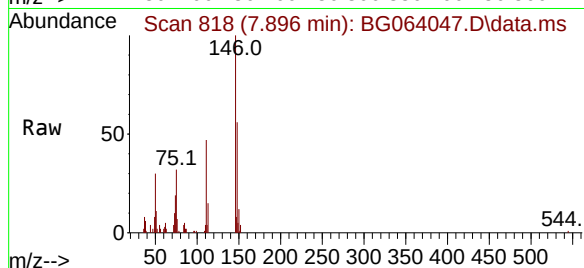
ClientSampleId :

SSTDICC010

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#14

1,2-Dichlorobenzene

Concen: 9.802 ng

RT: 8.214 min Scan# 872

Delta R.T. -0.004 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

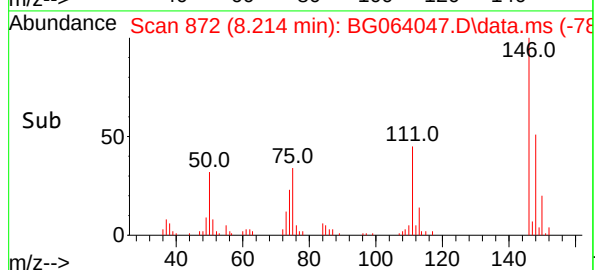
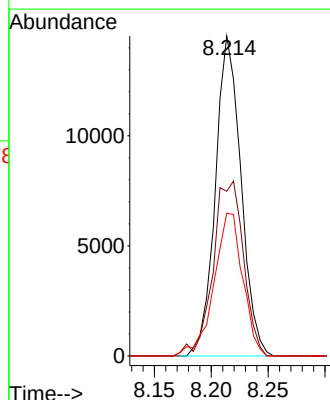
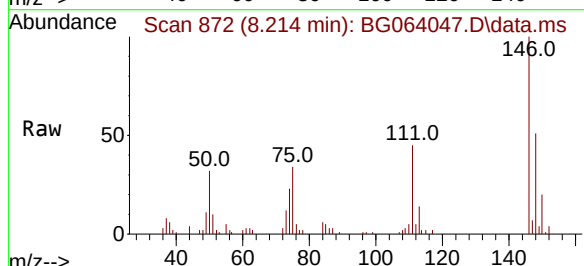
Tgt Ion:146 Resp: 22764

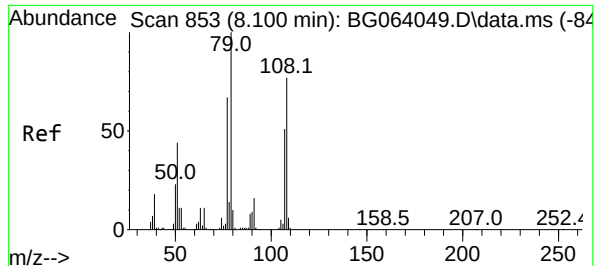
Ion Ratio Lower Upper

146 100

148 51.4 50.2 75.2

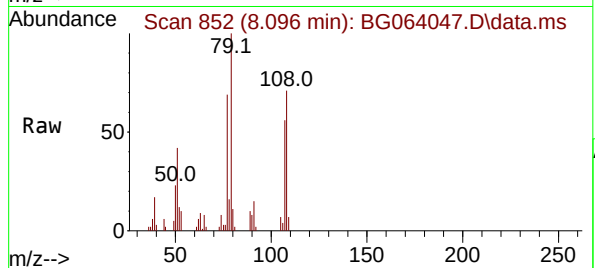
111 44.6 36.4 54.6





#15  
Benzyl Alcohol  
Concen: 9.274 ng  
RT: 8.096 min Scan# 81  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

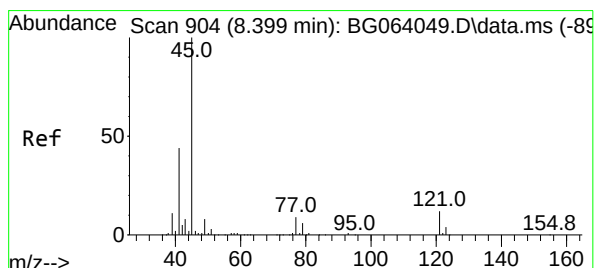
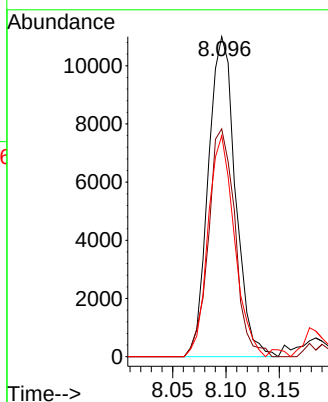
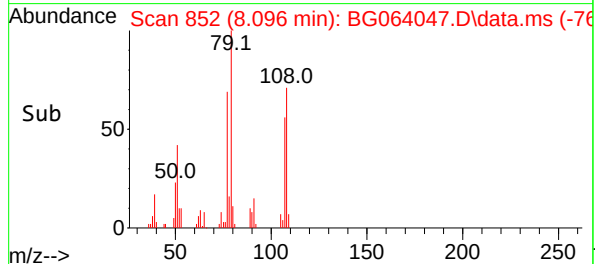
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



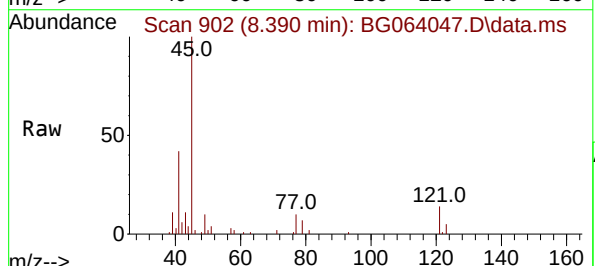
Tgt Ion: 79 Resp: 1942  
Ion Ratio Lower Upper  
79 100  
108 71.2 61.7 92.5  
77 69.0 53.9 80.9

Manual Integrations  
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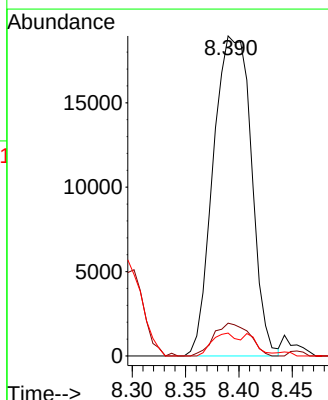
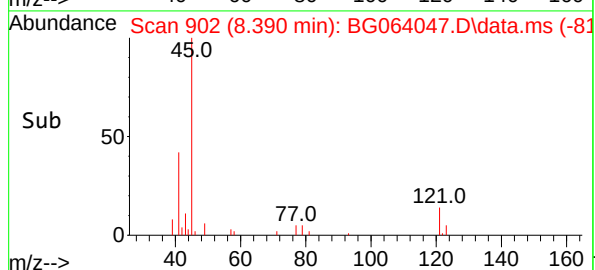
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

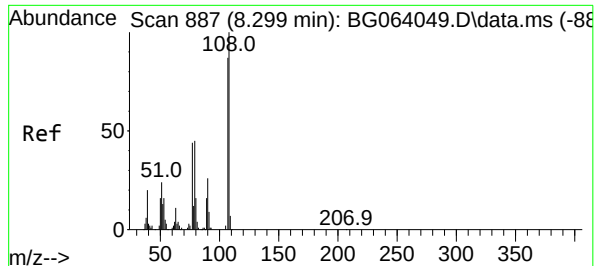


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 9.615 ng  
RT: 8.390 min Scan# 902  
Delta R.T. -0.010 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22



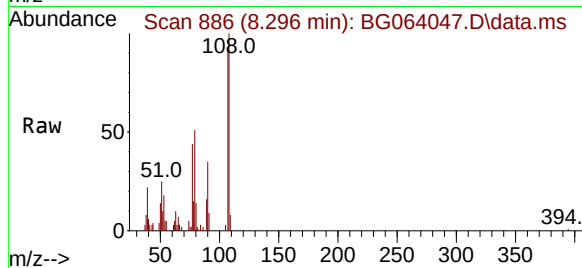
Tgt Ion: 45 Resp: 47034  
Ion Ratio Lower Upper  
45 100  
77 10.3 0.0 29.0  
79 7.1 0.0 26.6





#17  
2-Methylphenol  
Concen: 9.424 ng  
RT: 8.296 min Scan# 887  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

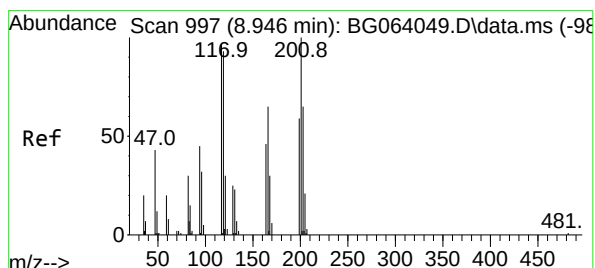
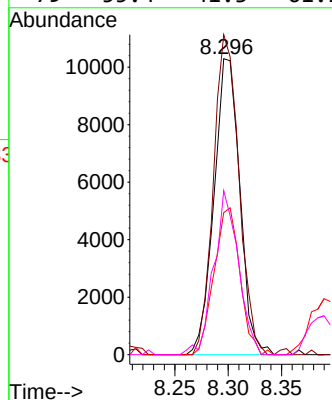
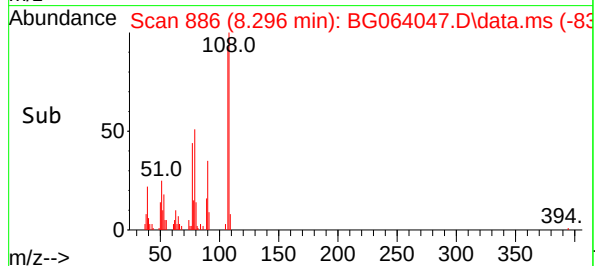
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:107 Resp: 1735  
Ion Ratio Lower Upper  
107 100  
108 108.1 92.5 138.7  
77 48.0 40.5 60.7  
79 55.4 41.3 61.9

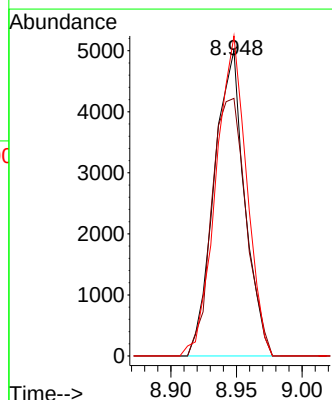
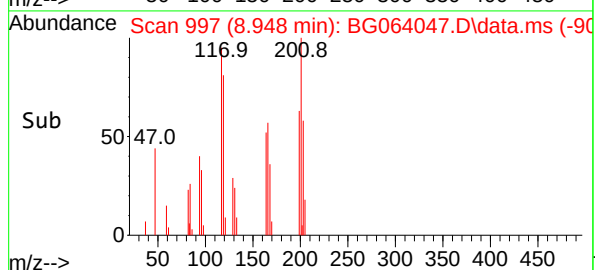
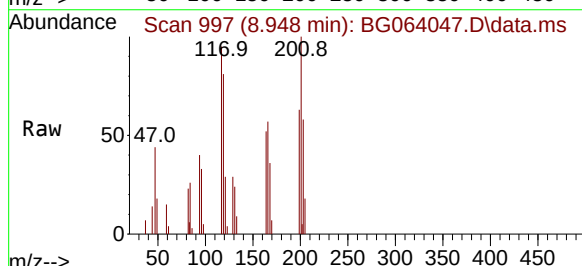
Manual Integrations  
APPROVED

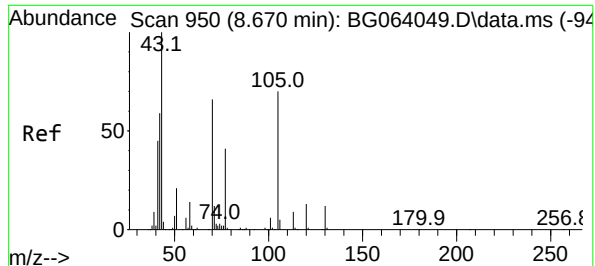
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#18  
Hexachloroethane  
Concen: 9.583 ng  
RT: 8.948 min Scan# 997  
Delta R.T. 0.002 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

Tgt Ion:117 Resp: 8075  
Ion Ratio Lower Upper  
117 100  
119 84.3 76.2 114.2  
201 110.2 81.5 122.3





#19

n-Nitroso-di-n-propylamine

Concen: 9.461 ng

RT: 8.660 min Scan# 948

Delta R.T. -0.010 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 17990

Ion Ratio Lower Upper

70 100

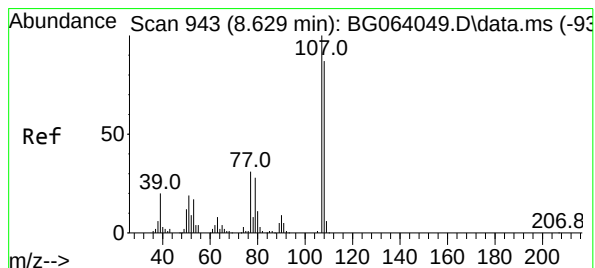
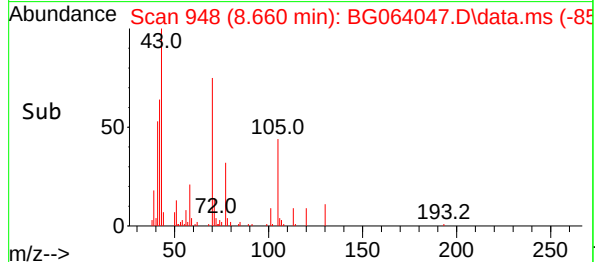
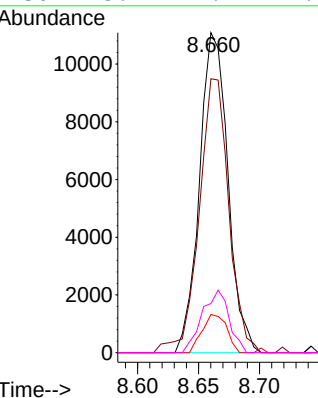
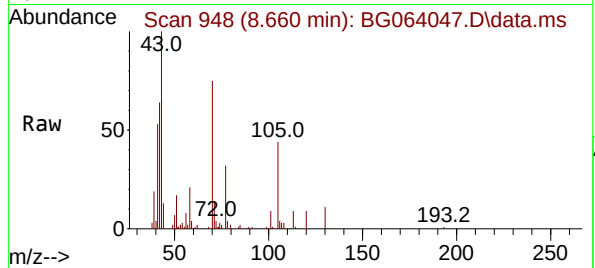
42 85.6 72.1 108.1

101 12.0 7.2 10.8

130 15.4 14.7 22.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

#20

3+4-Methylphenols

Concen: 9.313 ng

RT: 8.625 min Scan# 942

Delta R.T. -0.004 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

Tgt Ion:107 Resp: 23611

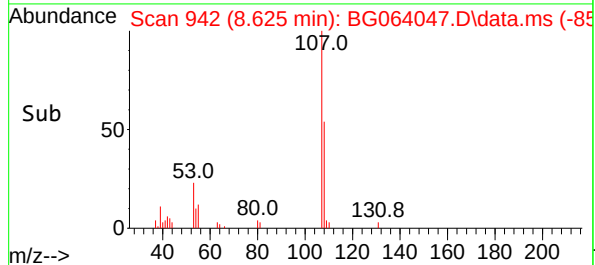
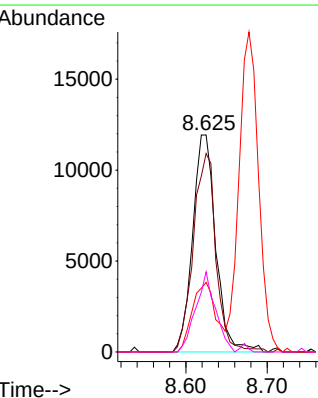
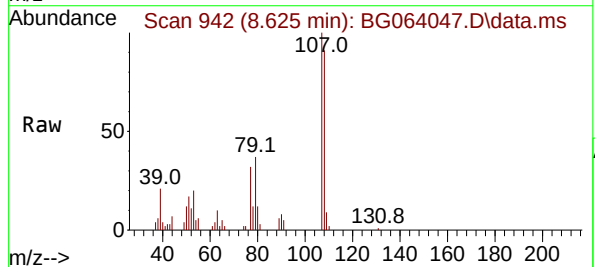
Ion Ratio Lower Upper

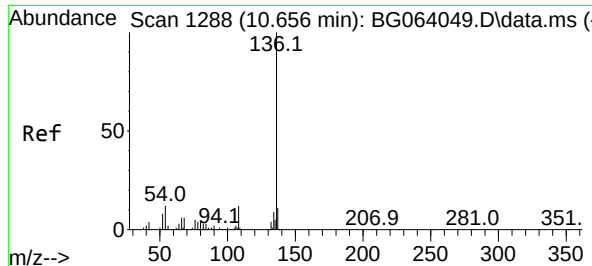
107 100

108 91.4 67.0 107.0

77 32.0 11.2 51.2

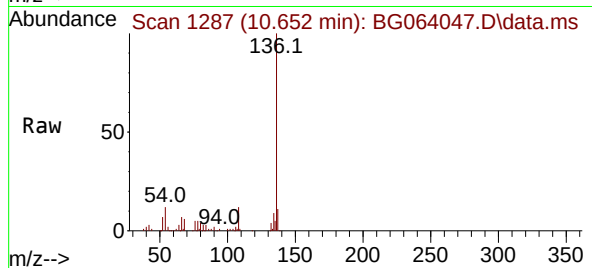
79 37.0 7.7 47.7





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.652 min Scan# 1288  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

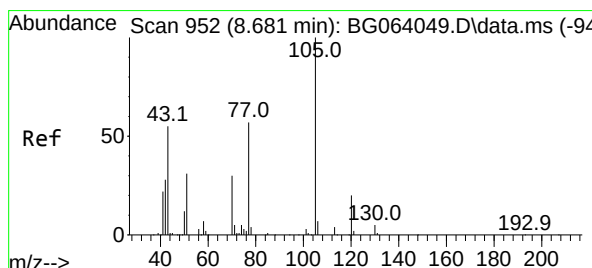
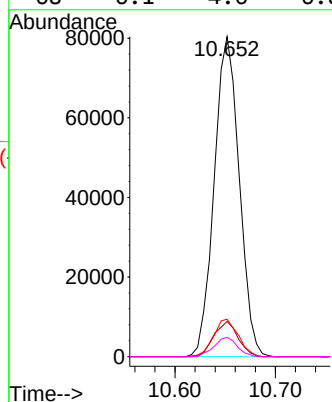
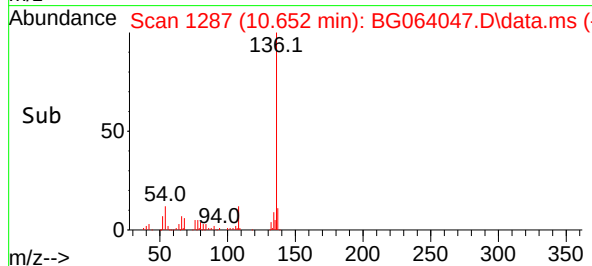
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:136 Resp: 13904  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.5 12.7  
54 11.7 9.9 14.9  
68 6.1 4.6 6.8

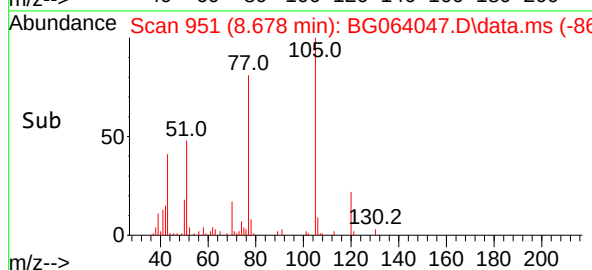
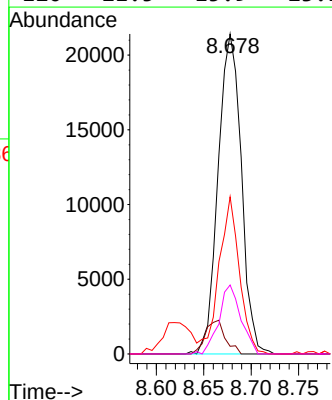
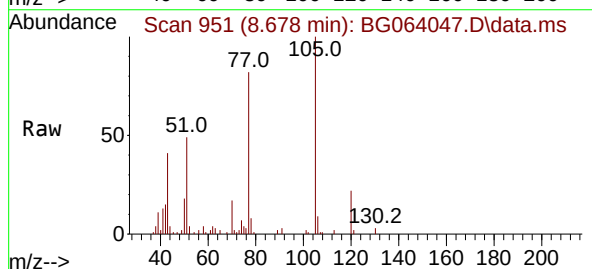
Manual Integrations  
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Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

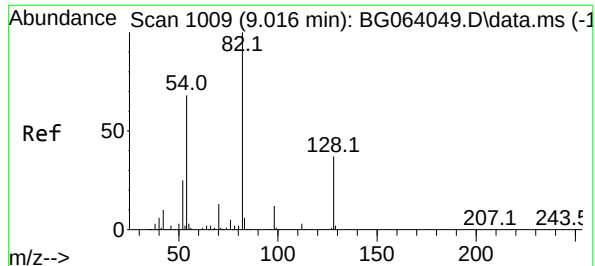


#22  
Acetophenone  
Concen: 9.566 ng  
RT: 8.678 min Scan# 951  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

Tgt Ion:105 Resp: 36468  
Ion Ratio Lower Upper  
105 100  
71 2.4 4.2 6.4#  
51 49.1 33.3 49.9  
120 21.5 15.9 23.9







#23

Nitrobenzene-d5

Concen: 16.583 ng

RT: 9.013 min Scan# 1008

Delta R.T. -0.004 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

Tgt Ion: 82 Resp: 4172

Ion Ratio Lower Upper

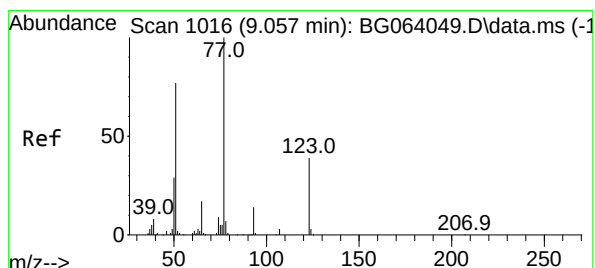
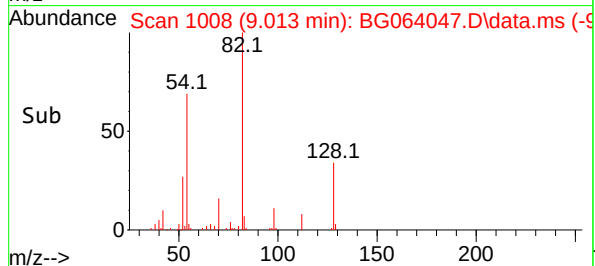
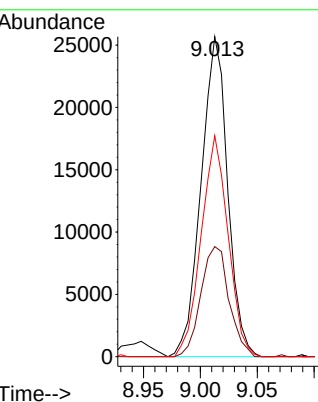
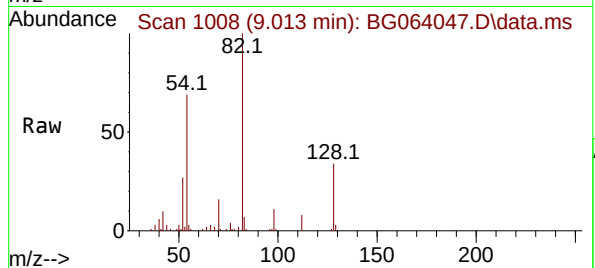
82 100

128 34.4 30.0 45.0

54 69.0 54.7 82.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

#24

Nitrobenzene

Concen: 8.554 ng

RT: 9.054 min Scan# 1015

Delta R.T. -0.004 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

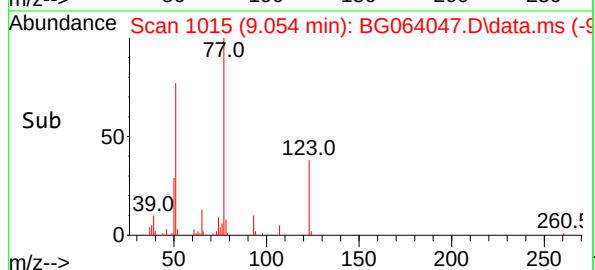
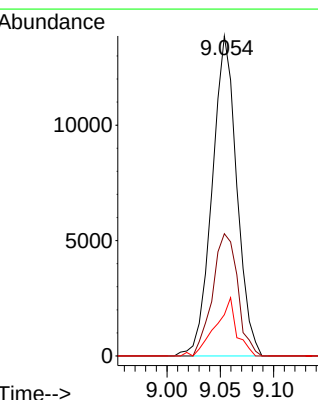
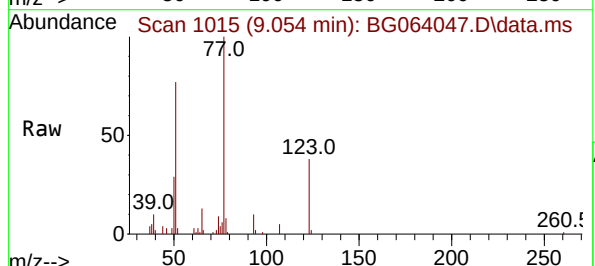
Tgt Ion: 77 Resp: 22242

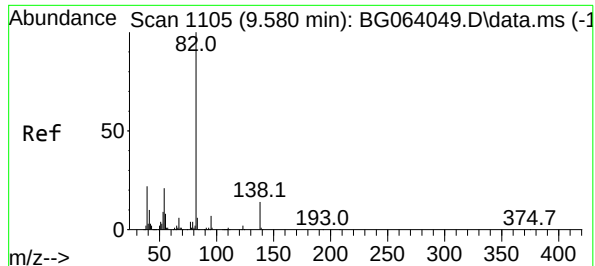
Ion Ratio Lower Upper

77 100

123 38.2 31.4 47.2

65 12.9 13.4 20.0#





#25

Isophorone

Concen: 9.284 ng

RT: 9.577 min Scan# 1104

Delta R.T. -0.004 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

Tgt Ion: 82 Resp: 4675

Ion Ratio Lower Upper

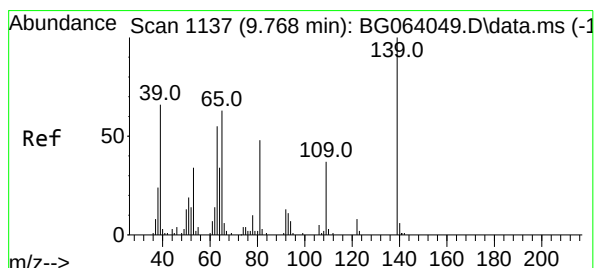
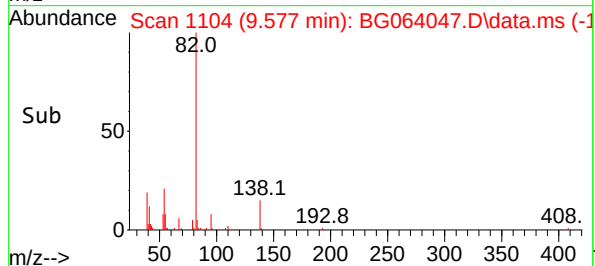
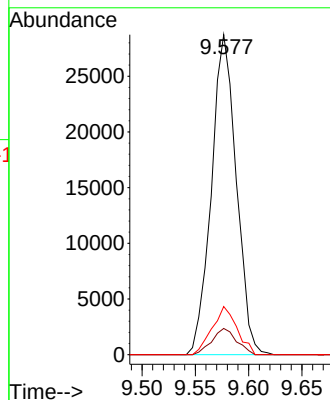
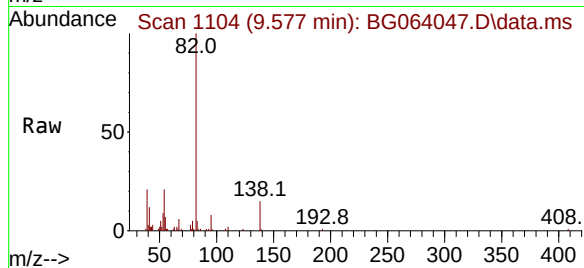
82 100

95 8.2 5.8 8.8

138 15.1 10.9 16.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

#26

2-Nitrophenol

Concen: 9.891 ng

RT: 9.765 min Scan# 1136

Delta R.T. -0.003 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

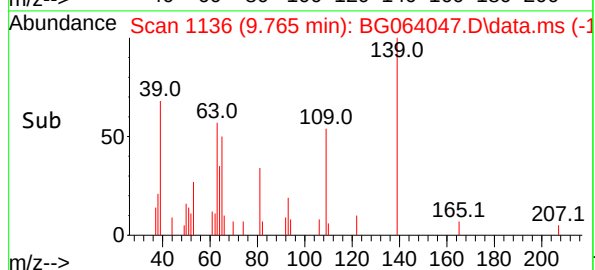
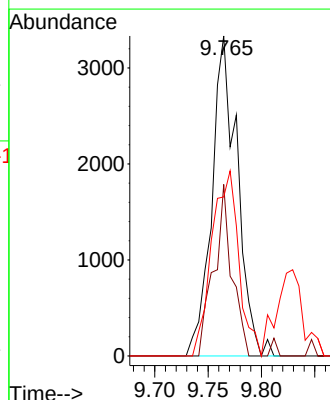
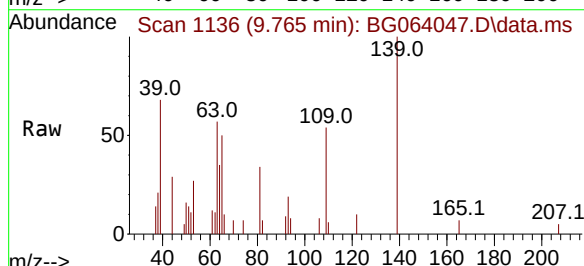
Tgt Ion:139 Resp: 5521

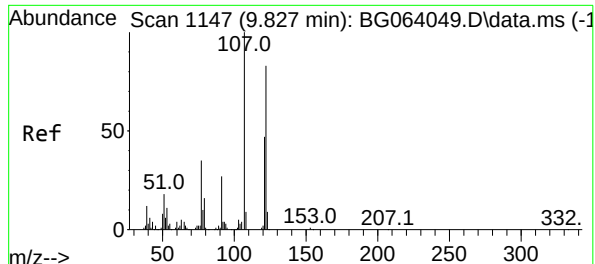
Ion Ratio Lower Upper

139 100

109 53.6 29.9 44.9#

65 49.7 50.6 76.0#





#27

2,4-Dimethylphenol

Concen: 8.631 ng

RT: 9.823 min Scan# 1146

Delta R.T. -0.004 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

Tgt Ion:122 Resp: 13030

Ion Ratio Lower Upper

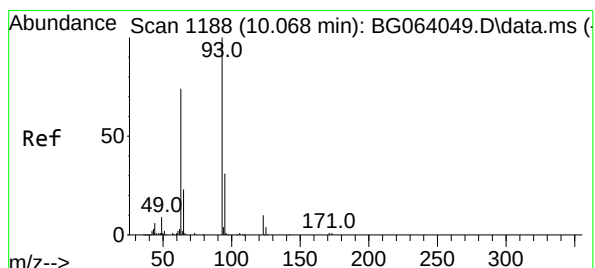
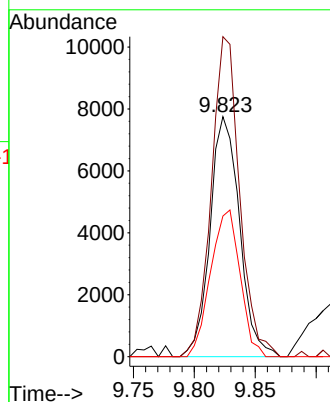
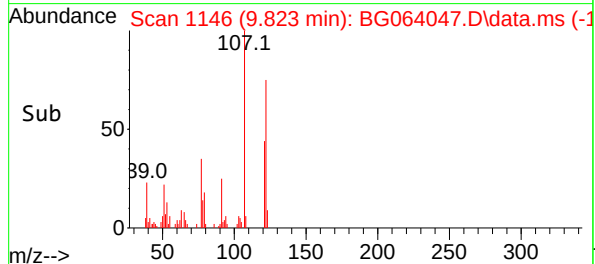
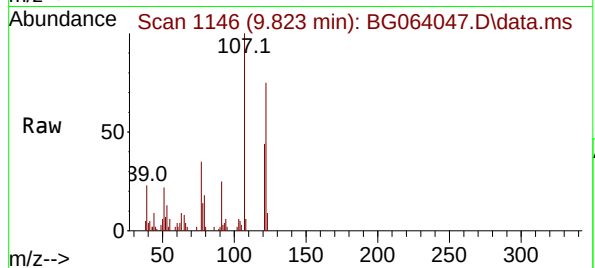
122 100

107 133.3 95.4 143.0

121 58.6 44.9 67.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

#28

bis(2-Chloroethoxy)methane

Concen: 9.488 ng

RT: 10.064 min Scan# 1187

Delta R.T. -0.004 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

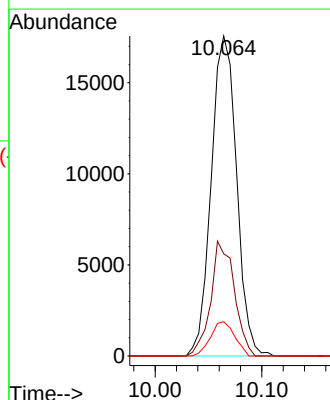
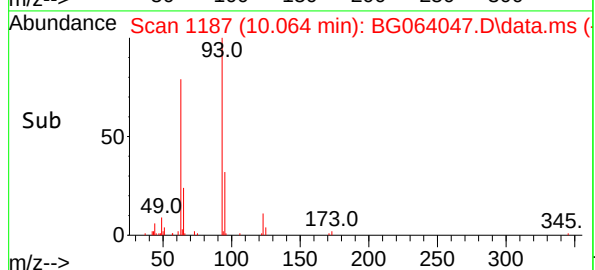
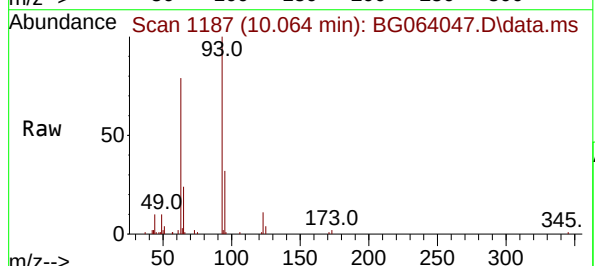
Tgt Ion: 93 Resp: 28970

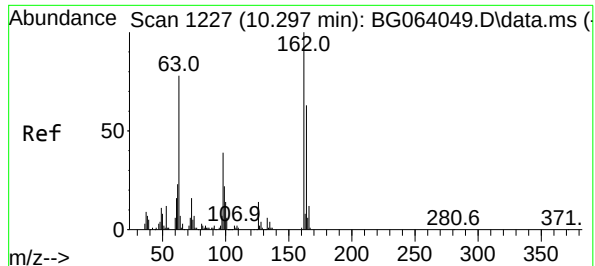
Ion Ratio Lower Upper

93 100

95 31.9 25.0 37.4

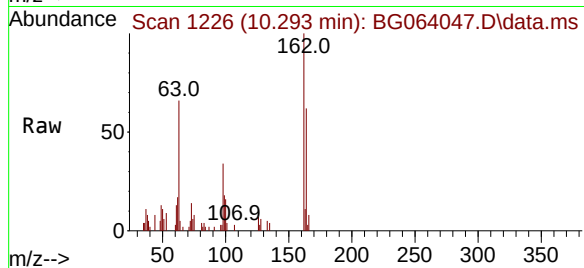
123 10.7 7.6 11.4





#29  
2,4-Dichlorophenol  
Concen: 8.726 ng  
RT: 10.293 min Scan# 1226  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

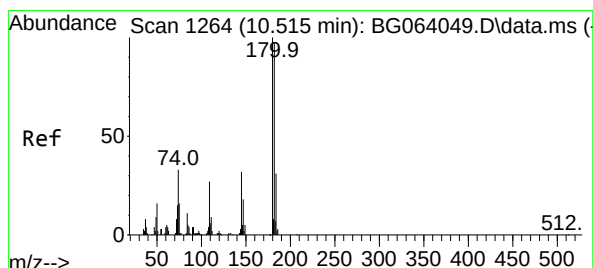
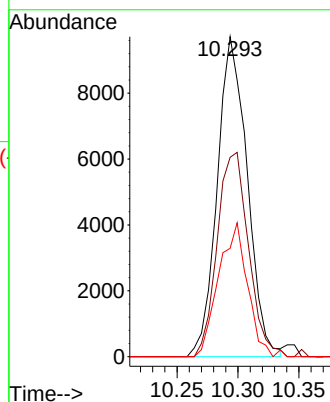
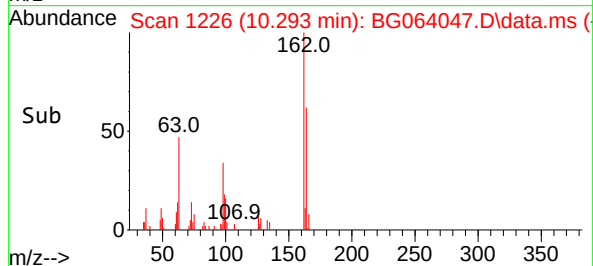
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:162 Resp: 1663  
Ion Ratio Lower Upper  
162 100  
164 62.3 42.8 82.8  
98 33.9 19.1 59.1

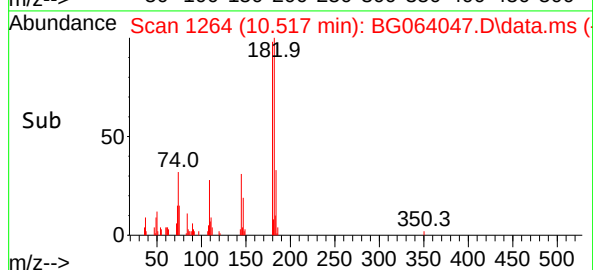
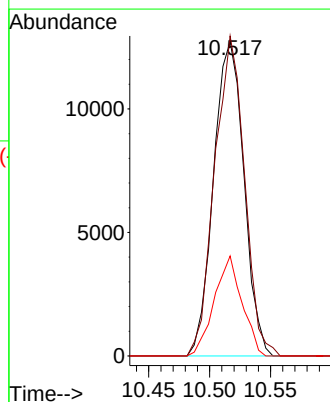
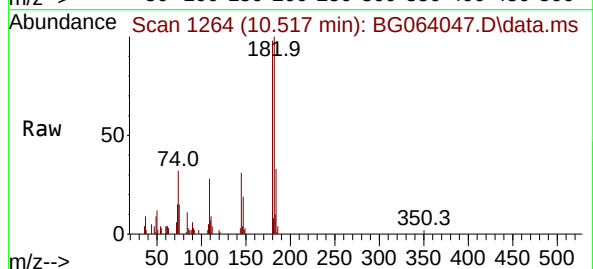
Manual Integrations  
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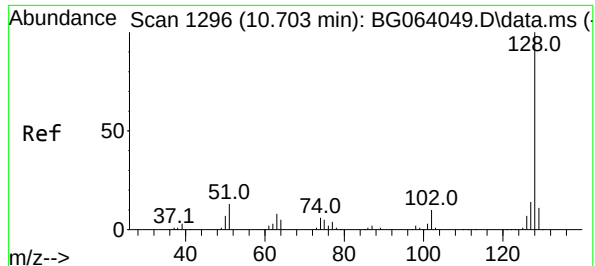
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#30  
1,2,4-Trichlorobenzene  
Concen: 9.579 ng  
RT: 10.517 min Scan# 1264  
Delta R.T. 0.002 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

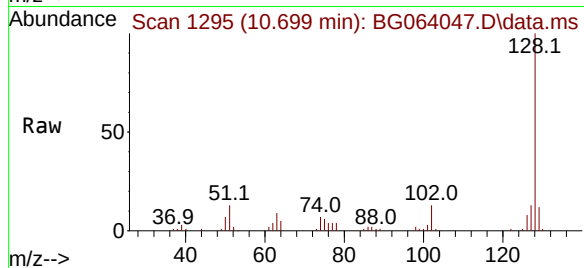
Tgt Ion:180 Resp: 22045  
Ion Ratio Lower Upper  
180 100  
182 101.7 77.3 115.9  
145 31.8 25.2 37.8





#31  
Naphthalene  
Concen: 9.669 ng  
RT: 10.699 min Scan# 1161  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

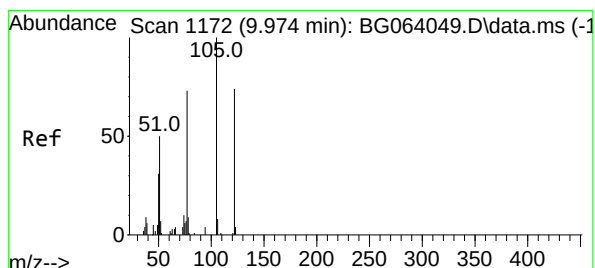
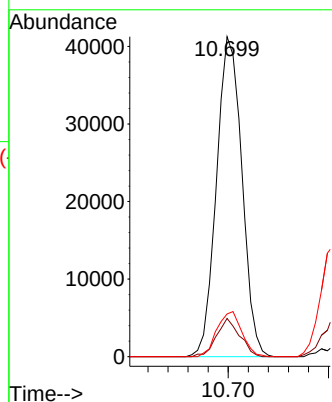
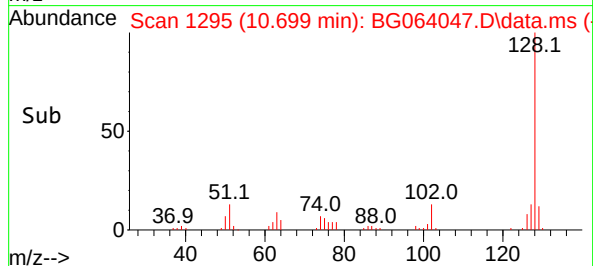
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:128 Resp: 7249  
Ion Ratio Lower Upper  
128 100  
129 11.9 8.4 12.6  
127 13.4 11.1 16.7

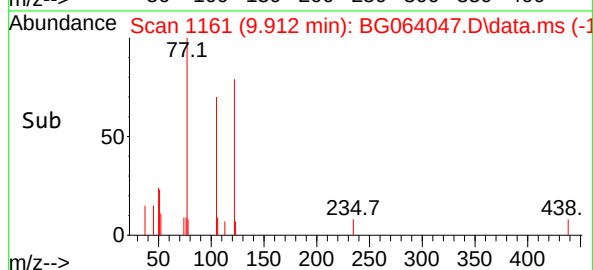
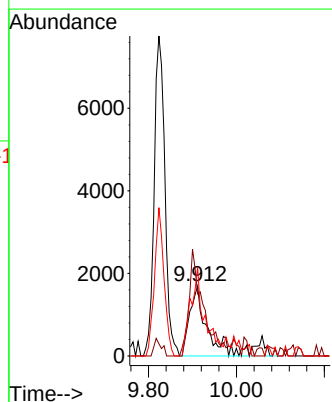
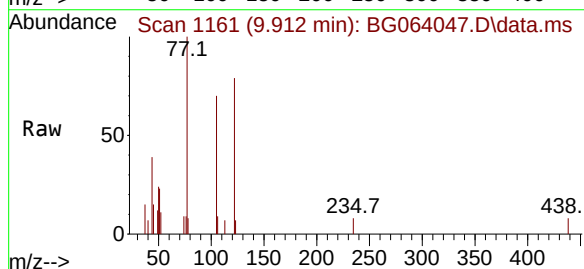
Manual Integrations  
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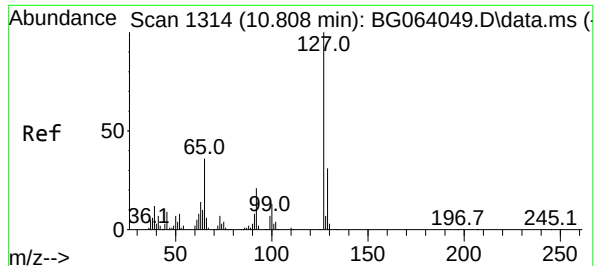
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#32  
Benzoic acid  
Concen: 11.884 ng m  
RT: 9.912 min Scan# 1161  
Delta R.T. -0.062 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

Tgt Ion:122 Resp: 5442  
Ion Ratio Lower Upper  
122 100  
105 88.5 115.0 155.0#  
77 126.7 80.9 120.9#





#33

4-Chloroaniline

Concen: 9.226 ng

RT: 10.805 min Scan# 1313

Delta R.T. -0.004 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

Tgt Ion:127 Resp: 2528

Ion Ratio Lower Upper

127 100

129 38.0 25.0 37.4

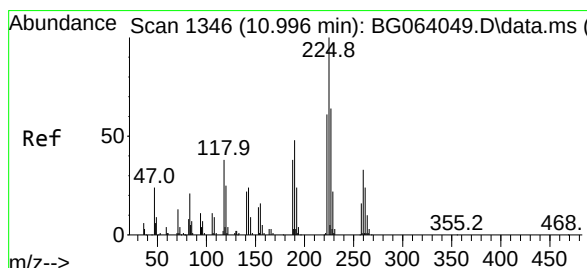
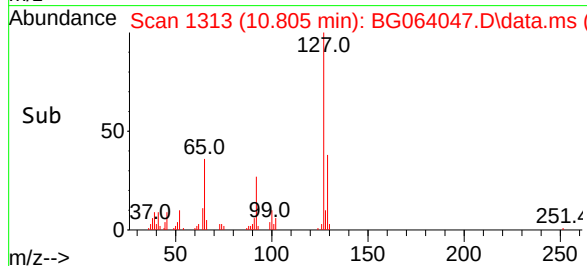
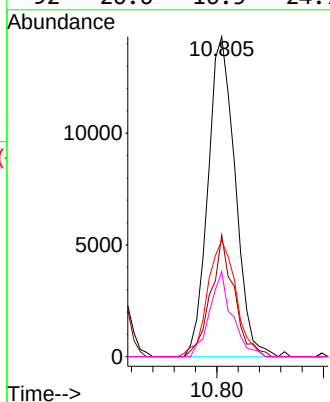
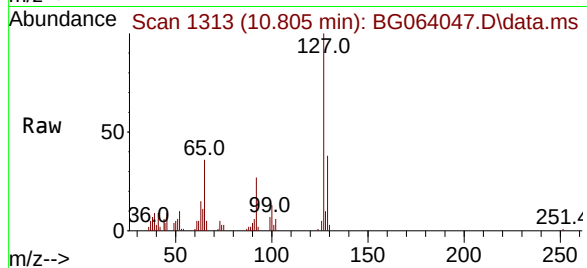
65 36.3 28.5 42.7

92 26.6 16.5 24.7#

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
 Supervised By :mohammad ahmed 03/07/2025



#34

Hexachlorobutadiene

Concen: 9.830 ng

RT: 10.993 min Scan# 1345

Delta R.T. -0.004 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

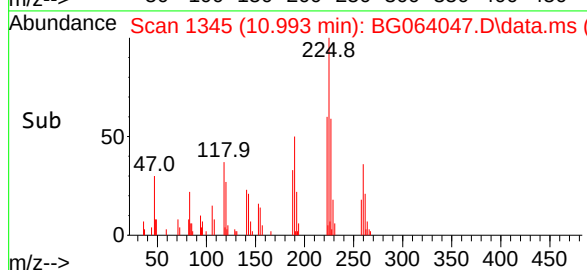
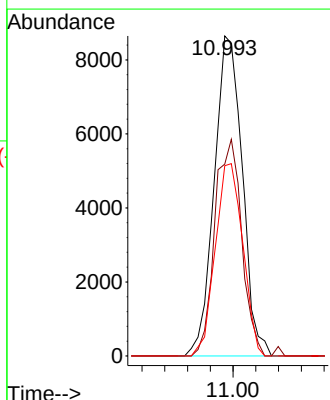
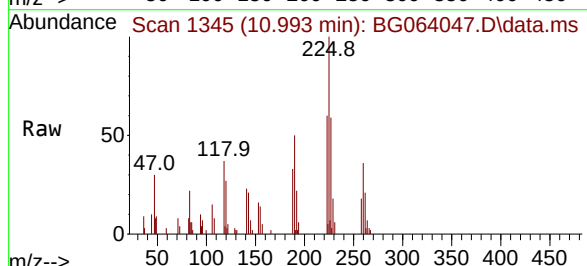
Tgt Ion:225 Resp: 14828

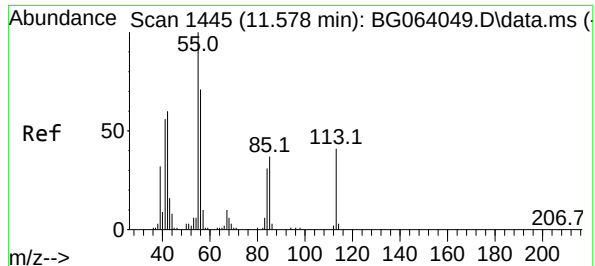
Ion Ratio Lower Upper

225 100

223 60.0 48.5 72.7

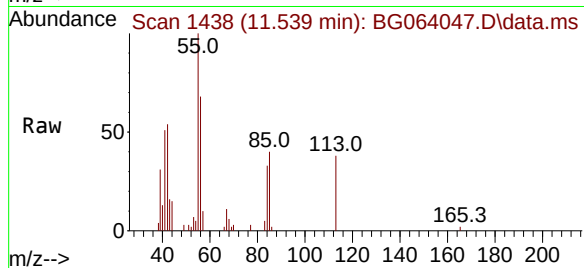
227 62.9 51.0 76.6





#35  
Caprolactam  
Concen: 8.702 ng  
RT: 11.539 min Scan# 1445  
Delta R.T. -0.039 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

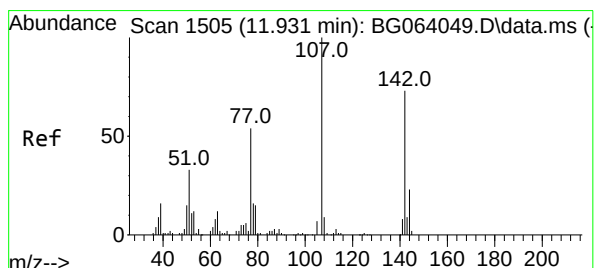
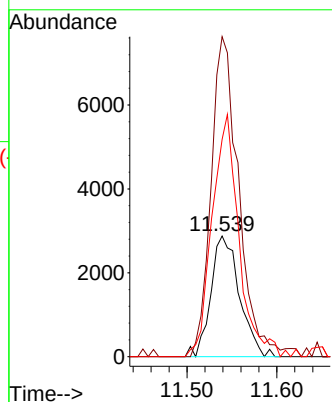
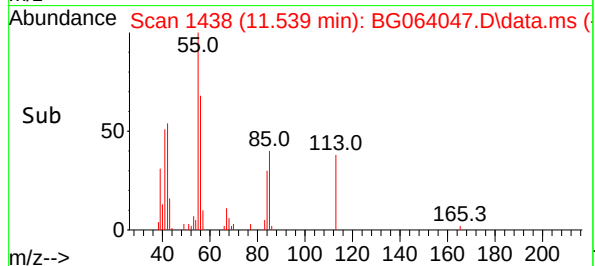
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:113 Resp: 635  
Ion Ratio Lower Upper  
113 100  
55 265.4 225.2 265.2  
56 180.2 153.4 193.4

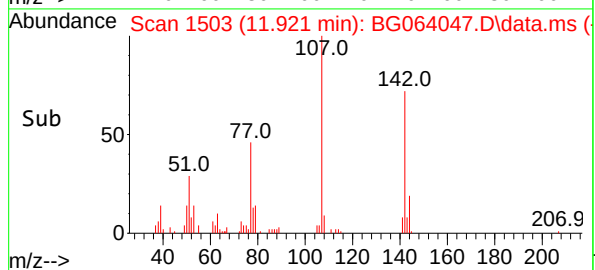
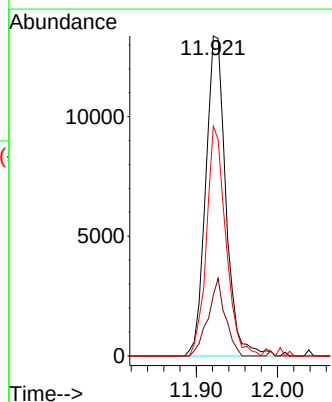
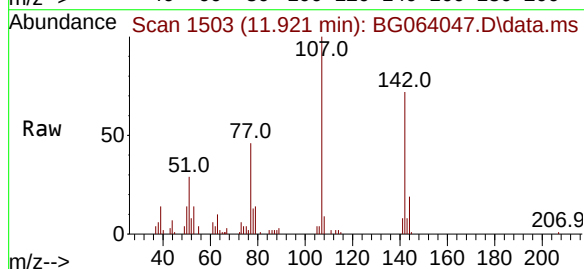
Manual Integrations  
APPROVED

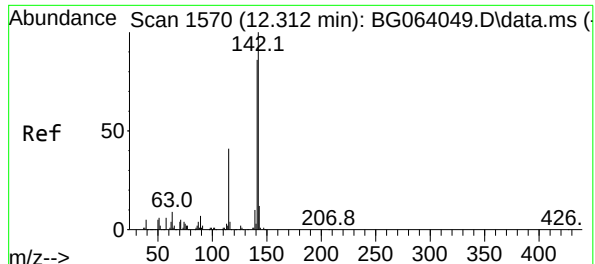
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#36  
4-Chloro-3-methylphenol  
Concen: 9.192 ng  
RT: 11.921 min Scan# 1503  
Delta R.T. -0.010 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

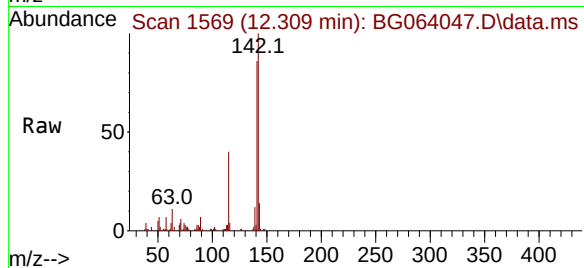
Tgt Ion:107 Resp: 22970  
Ion Ratio Lower Upper  
107 100  
144 19.0 18.6 28.0  
142 71.8 58.0 87.0





#37  
2-Methylnaphthalene  
Concen: 9.552 ng  
RT: 12.309 min Scan# 1569  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

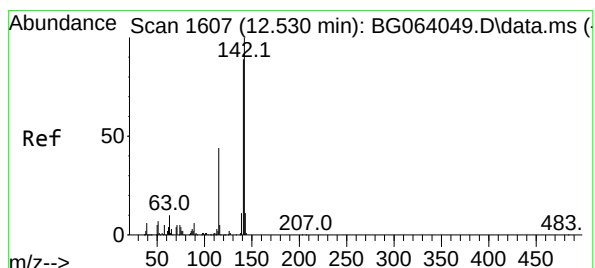
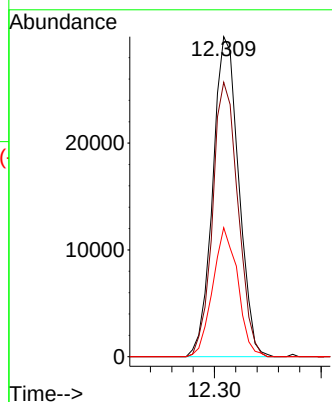
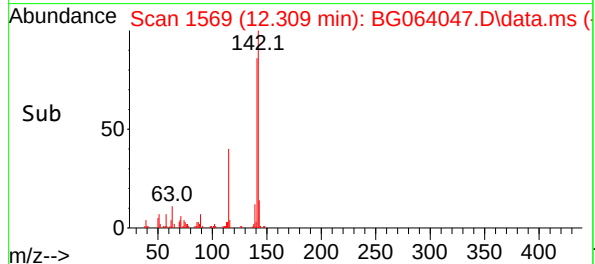
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:142 Resp: 5055  
Ion Ratio Lower Upper  
142 100  
141 85.8 68.6 103.0  
115 40.3 32.8 49.2

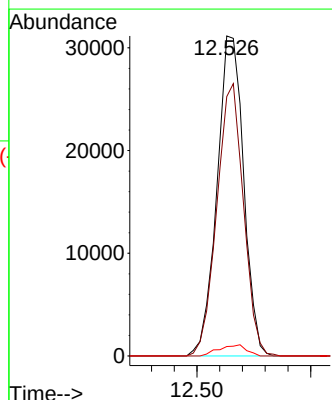
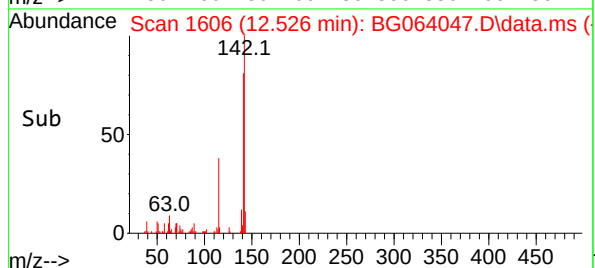
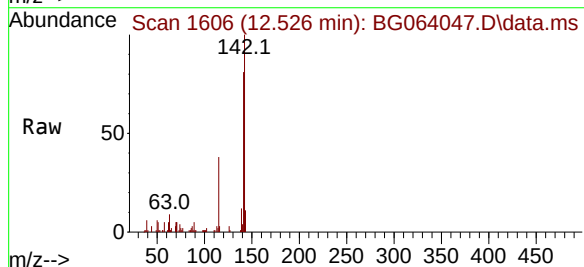
Manual Integrations  
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Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

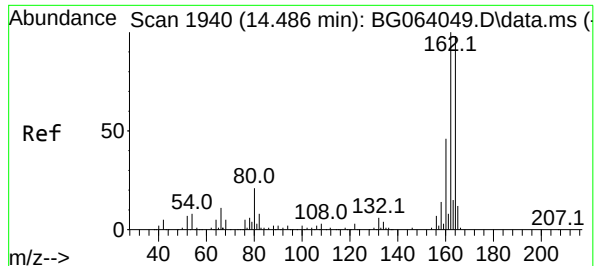


#38  
1-Methylnaphthalene  
Concen: 9.762 ng  
RT: 12.526 min Scan# 1606  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

Tgt Ion:142 Resp: 50620  
Ion Ratio Lower Upper  
142 100  
141 81.1 71.2 106.8  
116 3.0 3.6 5.4#







#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.489 min Scan# 1940

Delta R.T. 0.003 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

Tgt Ion:164 Resp: 9375

Ion Ratio Lower Upper

164 100

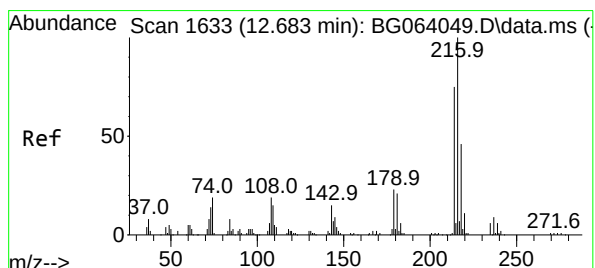
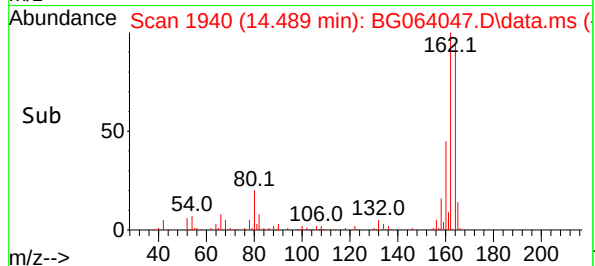
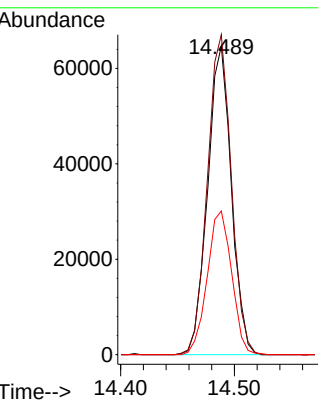
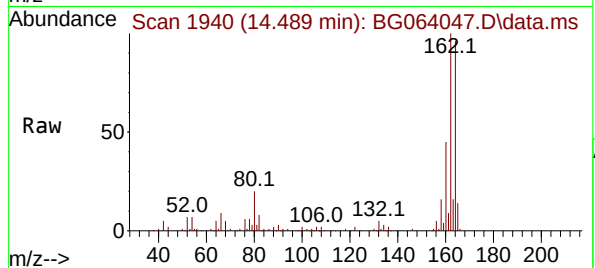
162 103.7 81.4 122.0

160 46.5 37.0 55.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
 Supervised By :mohammad ahmed 03/07/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.232 ng

RT: 12.679 min Scan# 1632

Delta R.T. -0.004 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

Tgt Ion:216 Resp: 27386

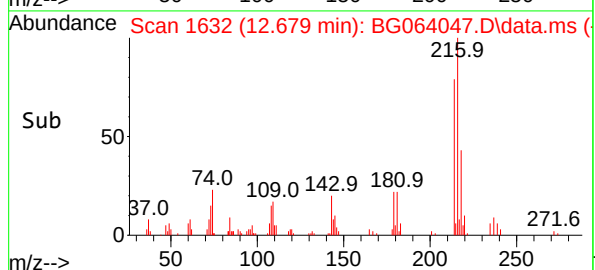
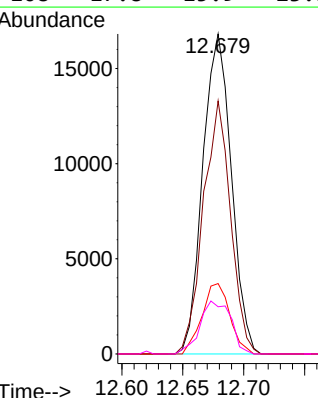
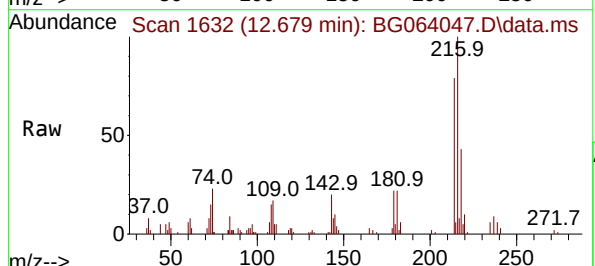
Ion Ratio Lower Upper

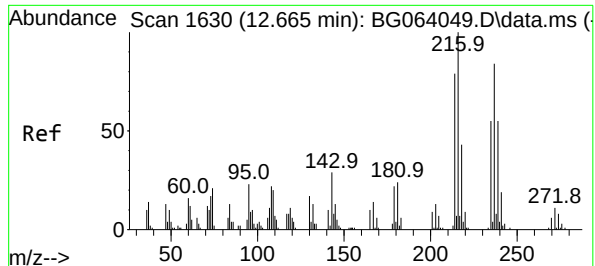
216 100

214 75.7 61.7 92.5

179 21.6 17.9 26.9

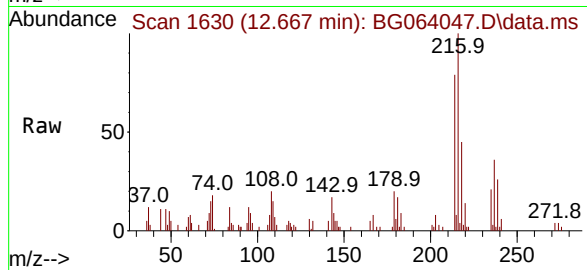
108 17.8 15.9 23.9





#41  
Hexachlorocyclopentadiene  
Concen: 7.985 ng  
RT: 12.667 min Scan# 1630  
Delta R.T. 0.002 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

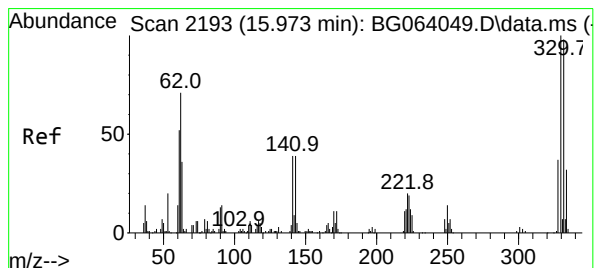
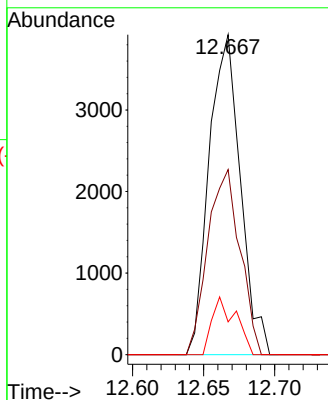
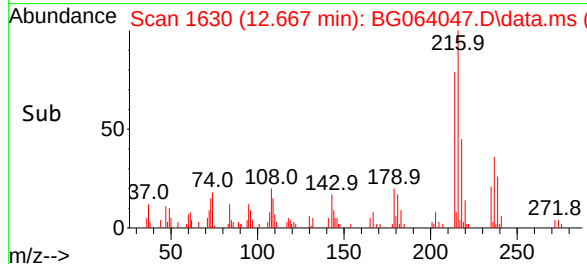
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



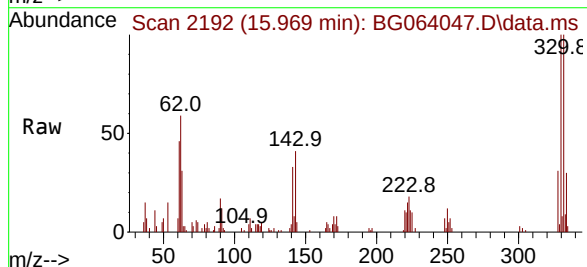
Tgt Ion:237 Resp: 601  
Ion Ratio Lower Upper  
237 100  
235 57.9 46.0 86.0  
272 10.2 0.0 32.8

Manual Integrations  
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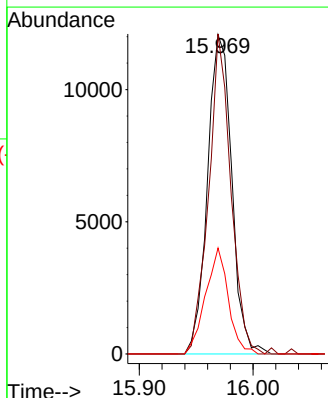
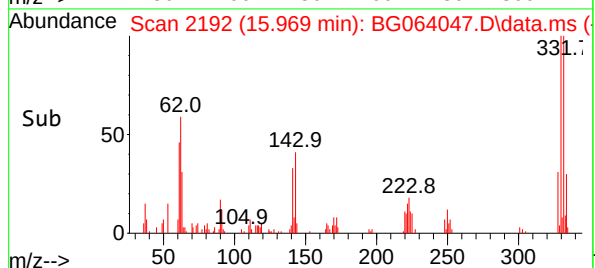
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

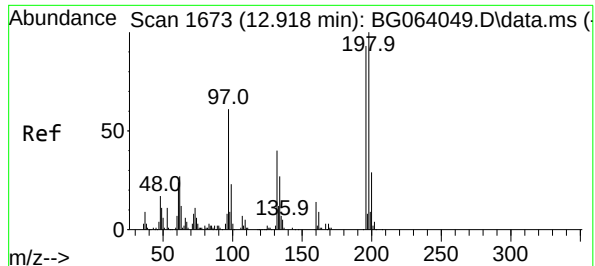


#42  
2,4,6-Tribromophenol  
Concen: 17.174 ng  
RT: 15.969 min Scan# 2192  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22



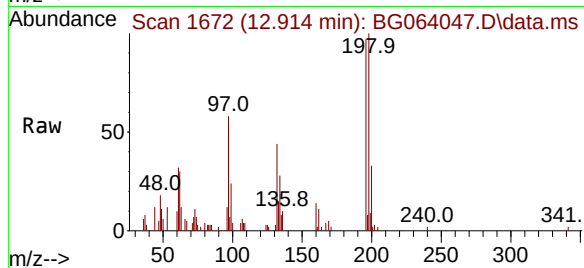
Tgt Ion:330 Resp: 17898  
Ion Ratio Lower Upper  
330 100  
332 91.7 76.7 115.1  
141 31.2 29.7 44.5





#43  
2,4,6-Trichlorophenol  
Concen: 8.693 ng  
RT: 12.914 min Scan# 1672  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

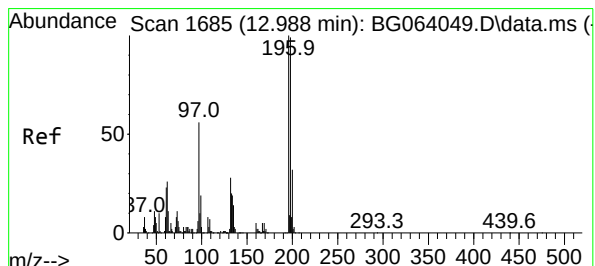
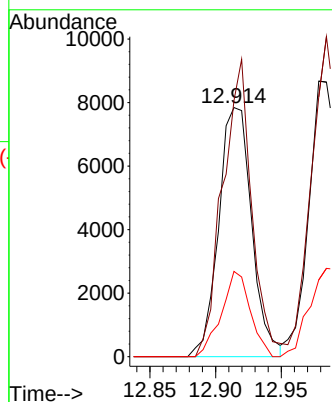
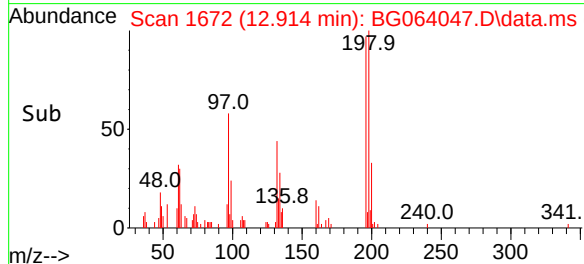
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:196 Resp: 1371  
Ion Ratio Lower Upper  
196 100  
198 102.8 85.6 128.4  
200 36.2 24.6 37.0

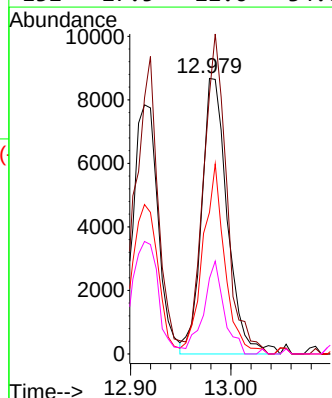
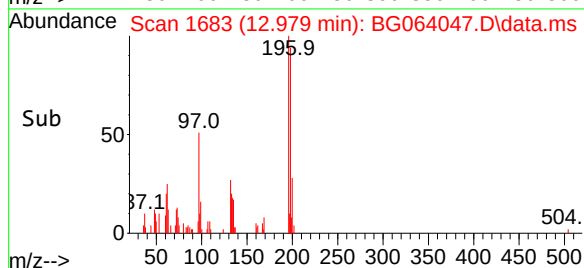
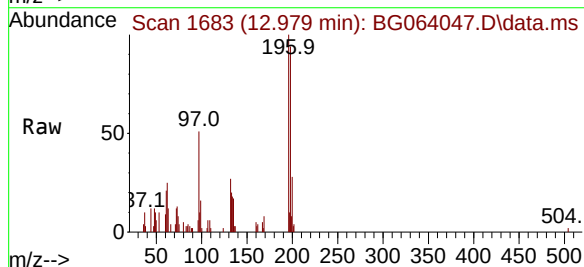
Manual Integrations  
APPROVED

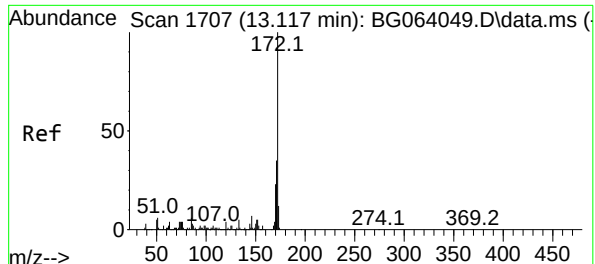
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#44  
2,4,5-Trichlorophenol  
Concen: 8.825 ng  
RT: 12.979 min Scan# 1683  
Delta R.T. -0.010 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

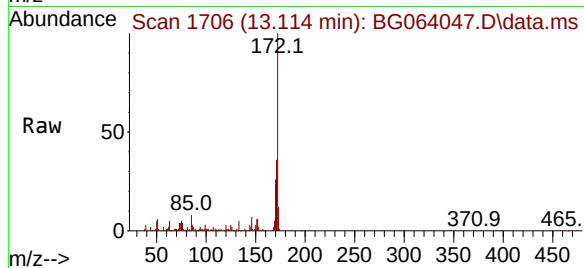
Tgt Ion:196 Resp: 15468  
Ion Ratio Lower Upper  
196 100  
198 94.3 79.5 119.3  
97 51.4 45.2 67.8  
132 27.5 22.6 34.0





#45  
2-Fluorobiphenyl  
Concen: 19.881 ng  
RT: 13.114 min Scan# 1706  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

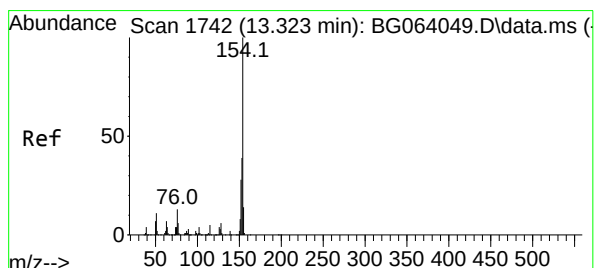
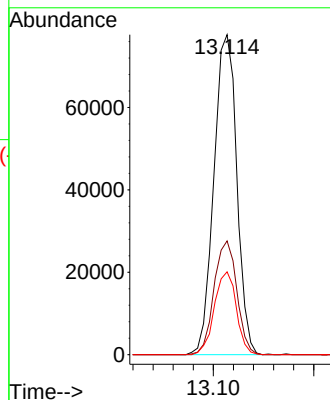
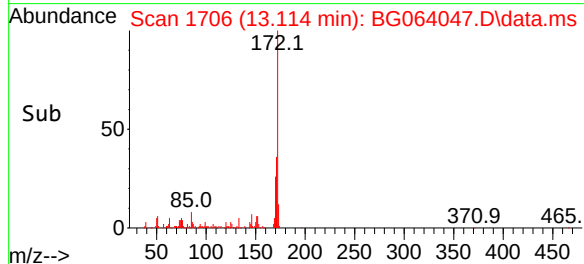
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:172 Resp: 122799  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.0 42.0  
170 25.9 18.7 28.1

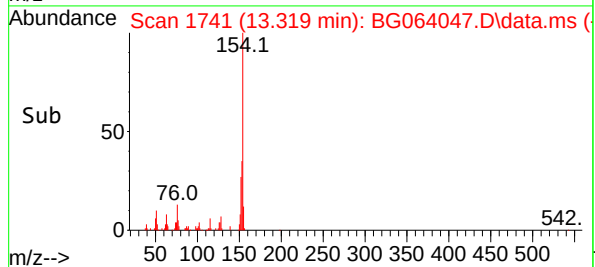
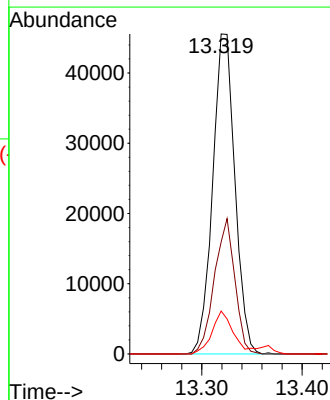
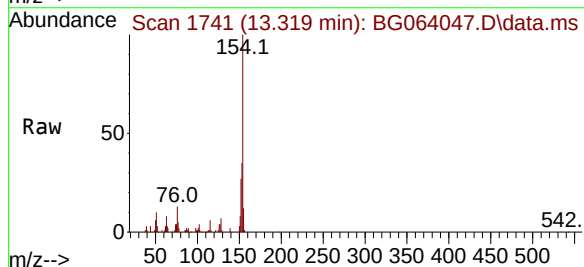
Manual Integrations  
APPROVED

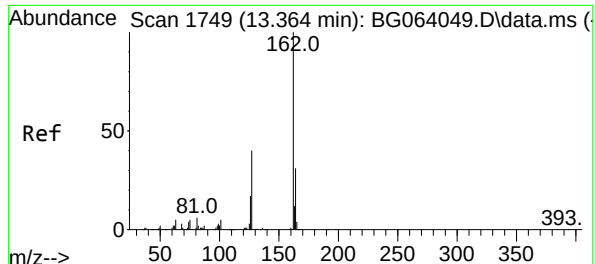
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#46  
1,1'-Biphenyl  
Concen: 9.918 ng  
RT: 13.319 min Scan# 1741  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

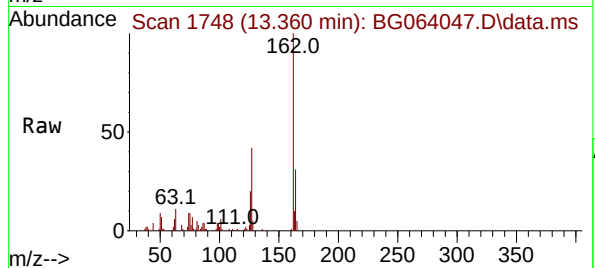
Tgt Ion:154 Resp: 70250  
Ion Ratio Lower Upper  
154 100  
153 35.0 19.5 59.5  
76 13.4 0.0 33.5





#47  
2-Chloronaphthalene  
Concen: 9.755 ng  
RT: 13.360 min Scan# 1748  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

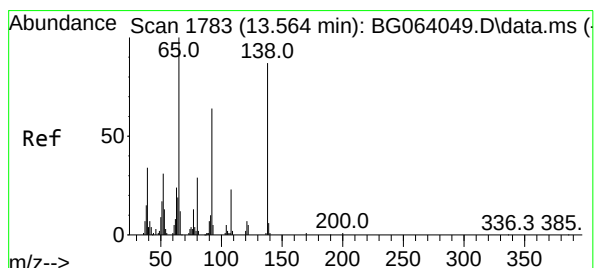
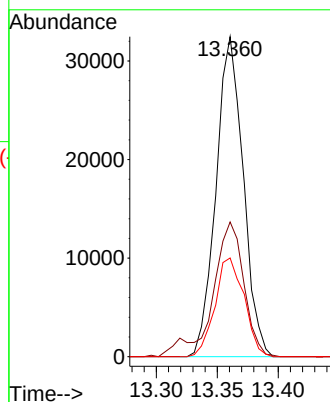
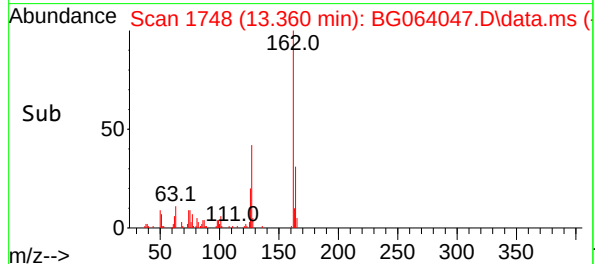
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:162 Resp: 50394  
Ion Ratio Lower Upper  
162 100  
127 42.1 35.0 52.4  
164 30.8 25.0 37.6

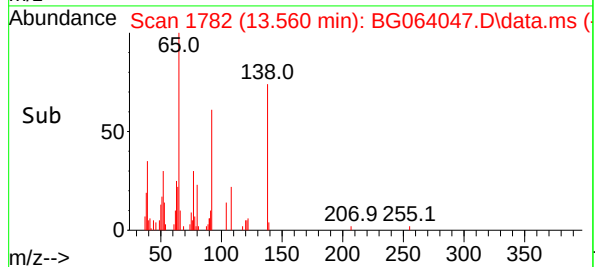
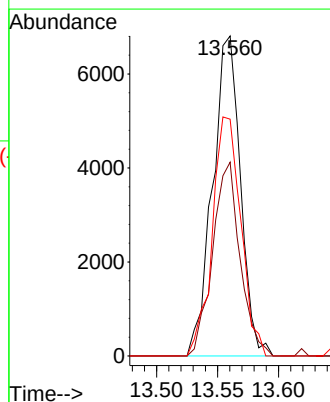
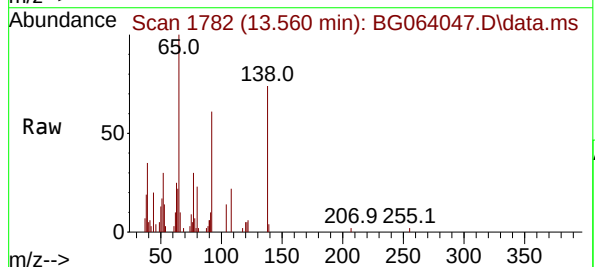
Manual Integrations  
APPROVED

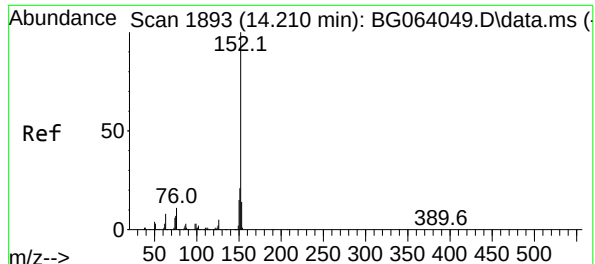
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#48  
2-Nitroaniline  
Concen: 9.850 ng  
RT: 13.560 min Scan# 1782  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

Tgt Ion: 65 Resp: 10834  
Ion Ratio Lower Upper  
65 100  
92 60.6 51.2 76.8  
138 74.0 69.4 104.2





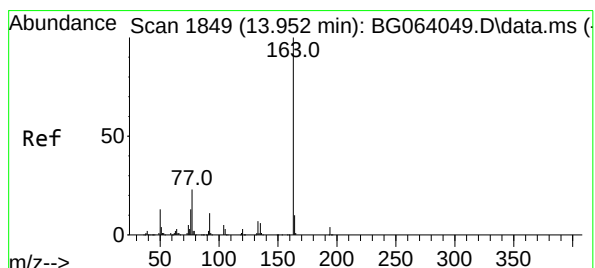
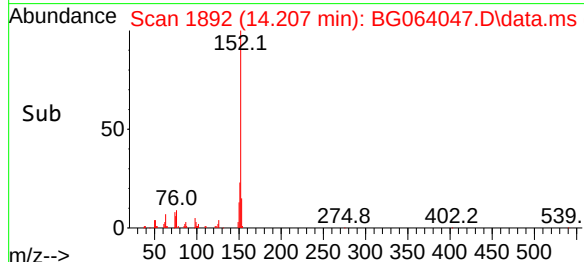
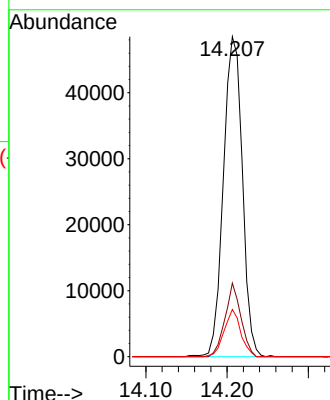
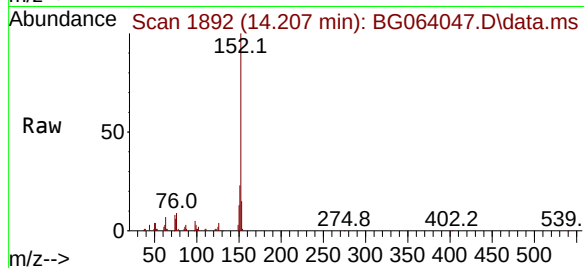
#49  
Acenaphthylene  
Concen: 9.621 ng  
RT: 14.207 min Scan# 1892  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

Tgt Ion:152 Resp: 78614  
Ion Ratio Lower Upper  
152 100  
151 23.0 16.4 24.6  
153 14.8 10.9 16.3

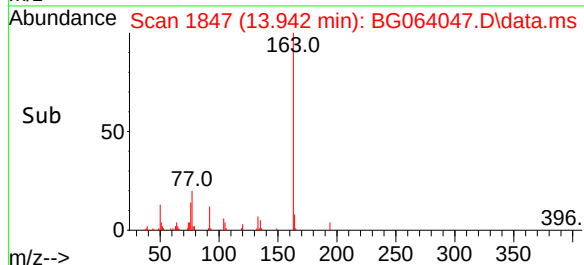
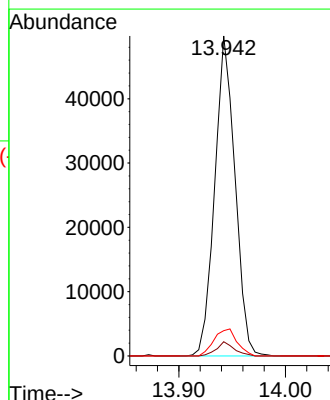
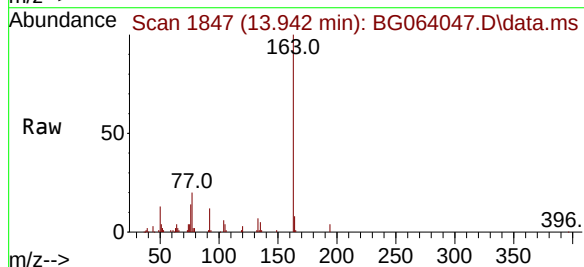
Manual Integrations  
APPROVED

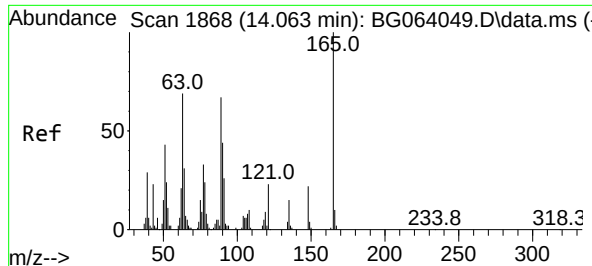
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#50  
Dimethylphthalate  
Concen: 9.487 ng  
RT: 13.942 min Scan# 1847  
Delta R.T. -0.010 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

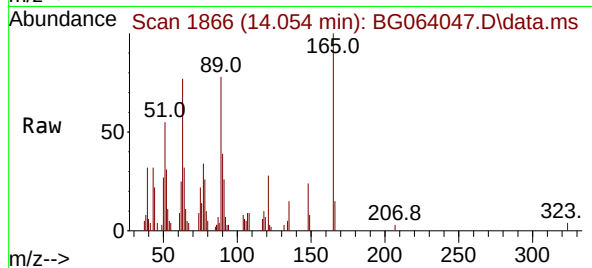
Tgt Ion:163 Resp: 65659  
Ion Ratio Lower Upper  
163 100  
194 4.5 2.8 4.2#  
164 7.9 8.2 12.2#





#51  
2,6-Dinitrotoluene  
Concen: 9.566 ng  
RT: 14.054 min Scan# 1866  
Delta R.T. -0.009 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

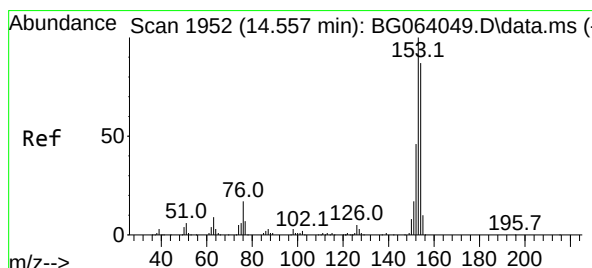
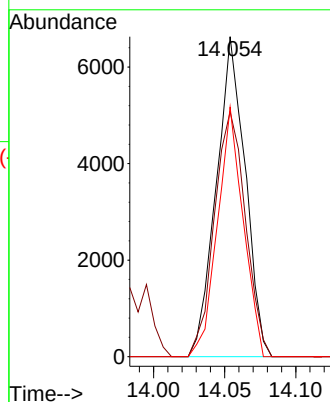
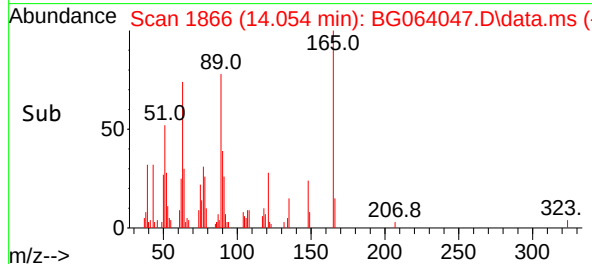
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:165 Resp: 937  
Ion Ratio Lower Upper  
165 100  
63 76.6 56.7 85.1  
89 78.0 53.7 80.5

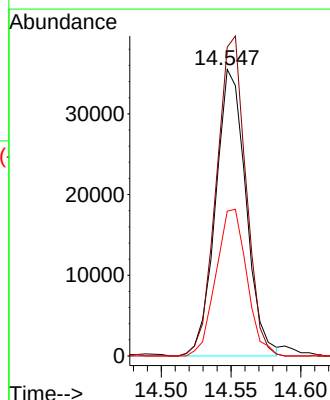
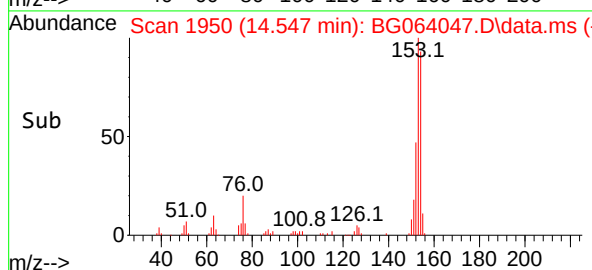
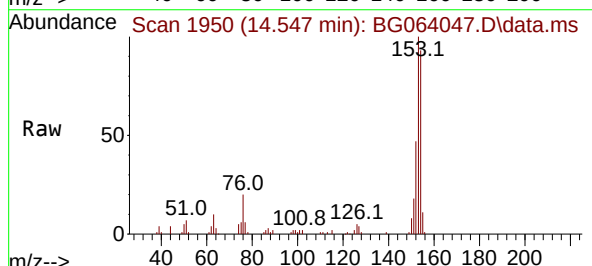
Manual Integrations  
APPROVED

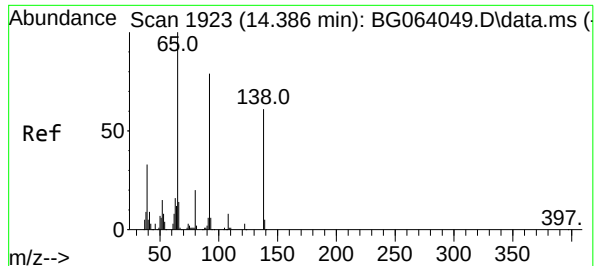
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#52  
Acenaphthene  
Concen: 9.797 ng m  
RT: 14.547 min Scan# 1950  
Delta R.T. -0.010 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

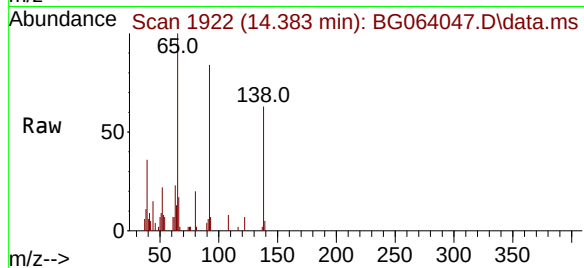
Tgt Ion:154 Resp: 53833  
Ion Ratio Lower Upper  
154 100  
153 107.8 91.6 137.4  
152 50.6 42.5 63.7





#53  
3-Nitroaniline  
Concen: 7.997 ng  
RT: 14.383 min Scan# 1923  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

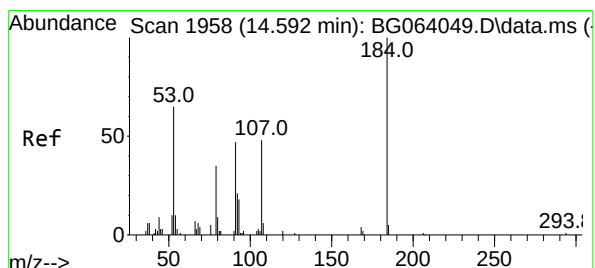
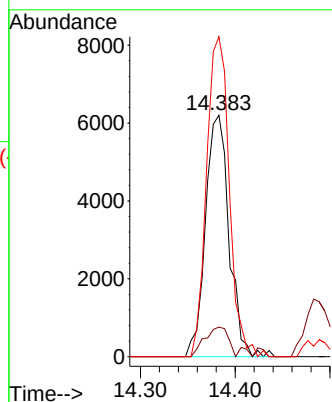
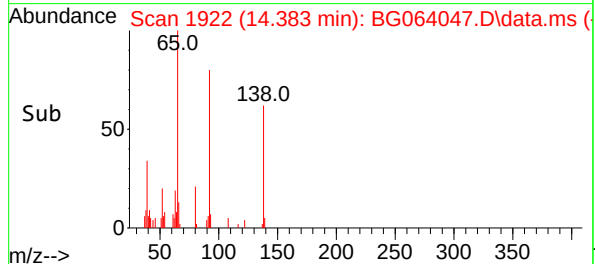
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



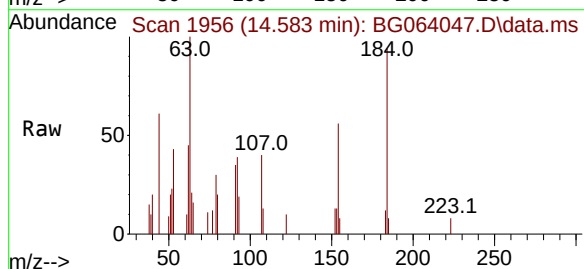
Tgt Ion:138 Resp: 1069  
Ion Ratio Lower Upper  
138 100  
108 12.3 10.1 15.1  
92 132.5 104.1 156.1

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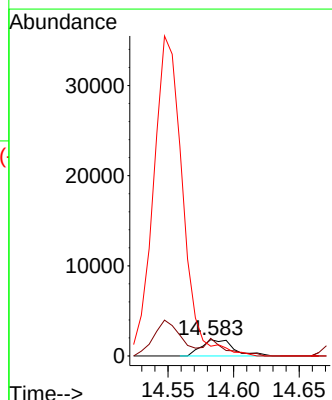
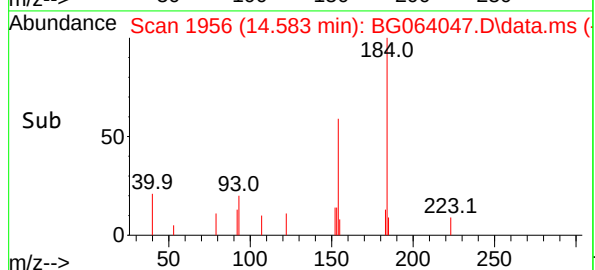
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



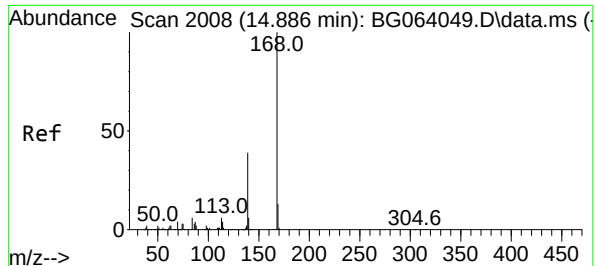
#54  
2,4-Dinitrophenol  
Concen: 12.640 ng  
RT: 14.583 min Scan# 1956  
Delta R.T. -0.009 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22



Tgt Ion:184 Resp: 3090  
Ion Ratio Lower Upper  
184 100  
63 106.9 57.5 86.3#  
154 59.5 52.3 78.5

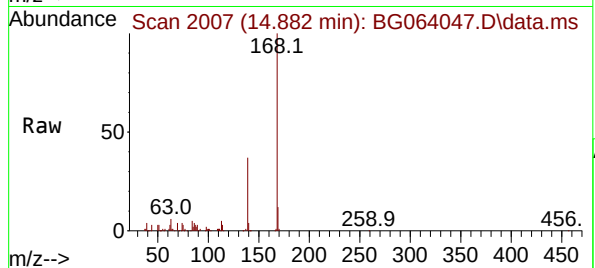






#55  
Dibenzenofuran  
Concen: 9.924 ng  
RT: 14.882 min Scan# 2008  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

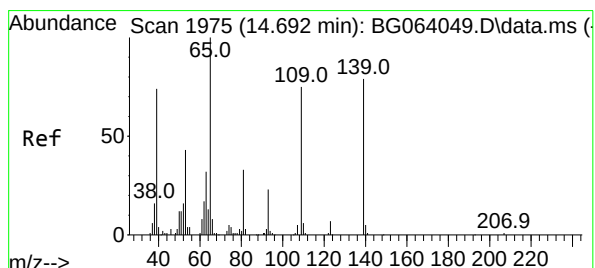
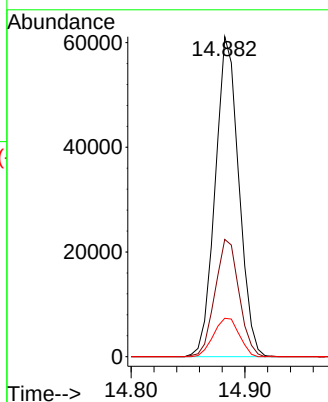
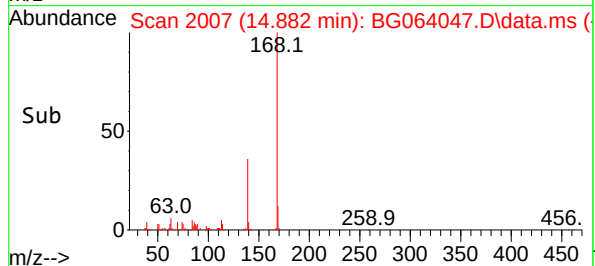
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



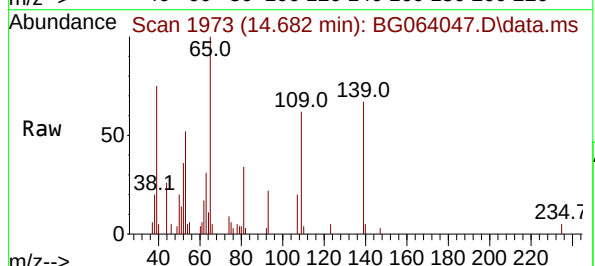
Tgt Ion:168 Resp: 8816  
Ion Ratio Lower Upper  
168 100  
139 36.7 31.1 46.7  
169 12.0 10.5 15.7

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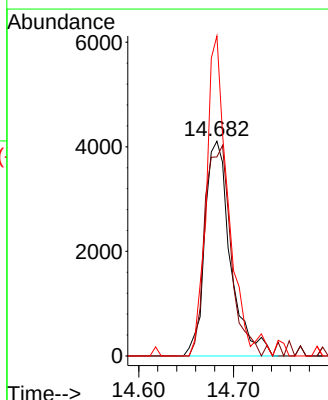
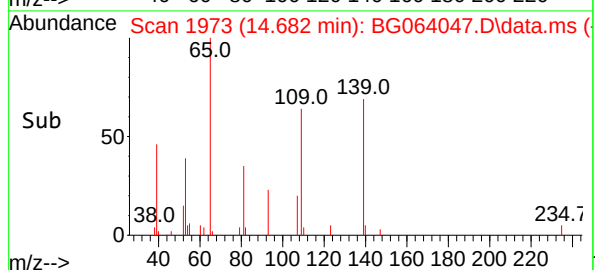
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

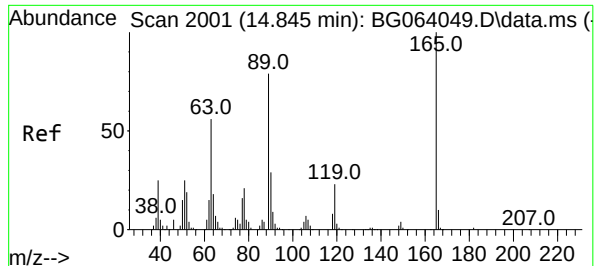


#56  
4-Nitrophenol  
Concen: 6.849 ng  
RT: 14.682 min Scan# 1973  
Delta R.T. -0.010 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22



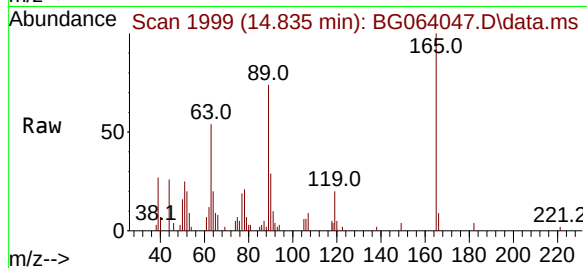
Tgt Ion:139 Resp: 7683  
Ion Ratio Lower Upper  
139 100  
109 92.7 74.9 114.9  
65 149.0 106.8 146.8#





#57  
2,4-Dinitrotoluene  
Concen: 9.344 ng  
RT: 14.835 min Scan# 1999  
Delta R.T. -0.010 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

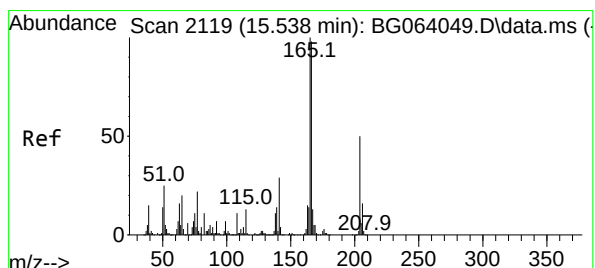
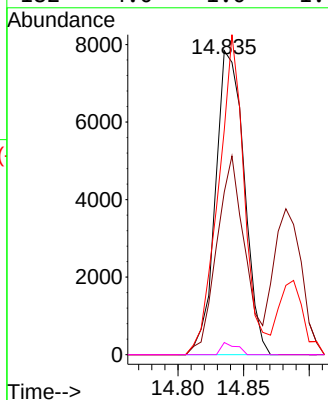
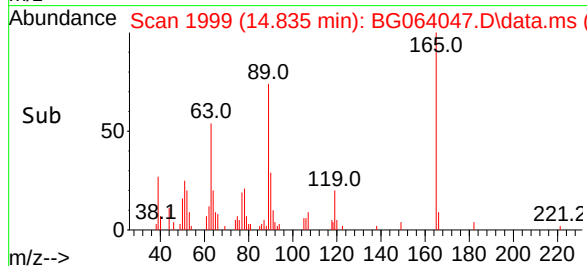
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:165 Resp: 1194  
Ion Ratio Lower Upper  
165 100  
63 53.5 45.0 67.6  
89 74.0 63.1 94.7  
182 4.0 1.0 1.4#

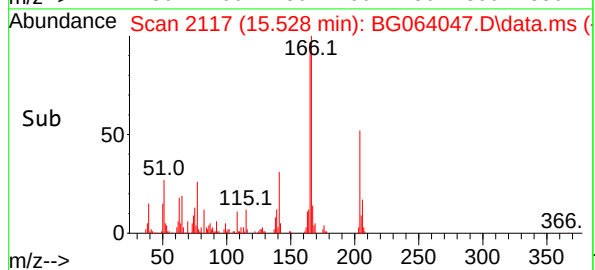
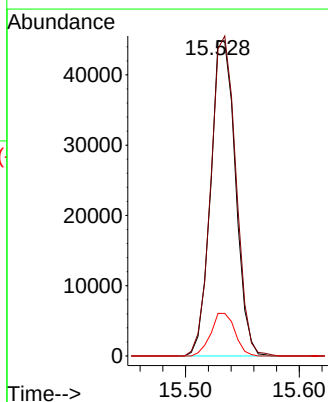
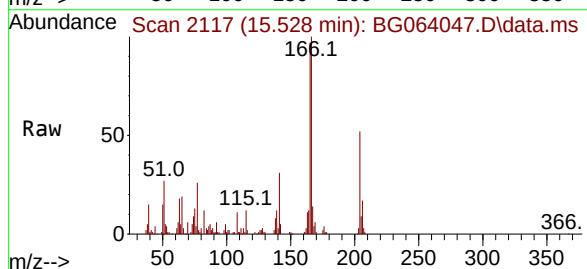
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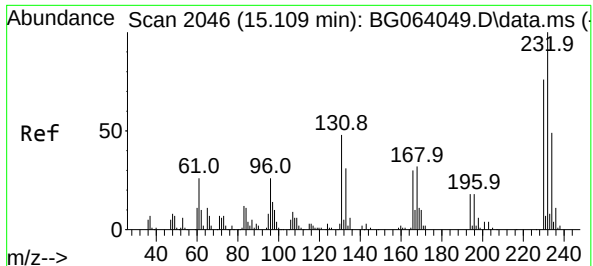
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#58  
Fluorene  
Concen: 9.821 ng  
RT: 15.528 min Scan# 2117  
Delta R.T. -0.010 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

Tgt Ion:166 Resp: 67954  
Ion Ratio Lower Upper  
166 100  
165 97.4 81.8 122.8  
167 13.5 10.8 16.2





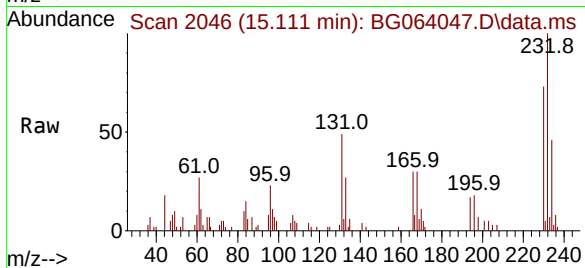
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 8.943 ng  
RT: 15.111 min Scan# 2046  
Delta R.T. 0.002 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

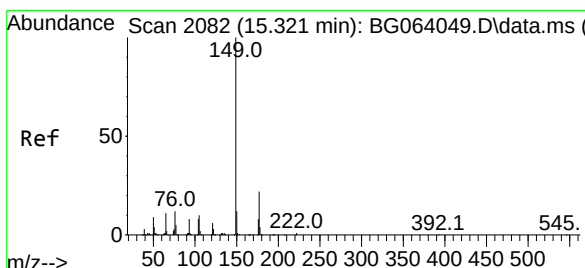
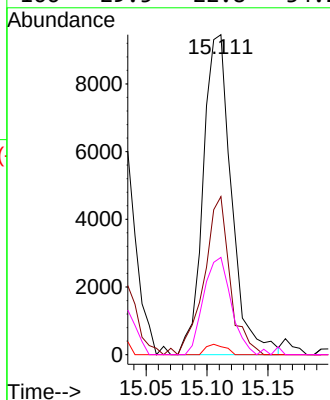
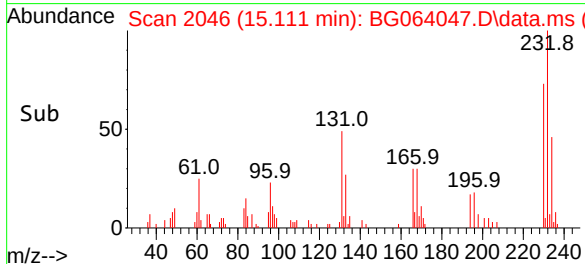


Tgt Ion:232 Resp: 1528  
Ion Ratio Lower Upper  
232 100  
131 45.2 36.3 54.5  
130 2.2 1.9 2.9  
166 29.5 22.8 34.2

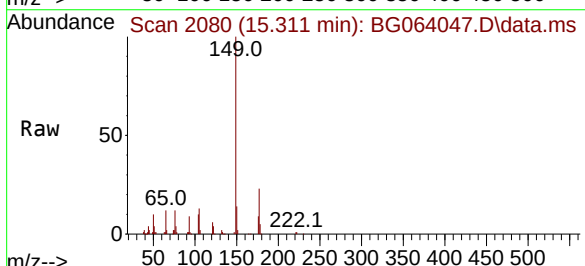
Manual Integrations

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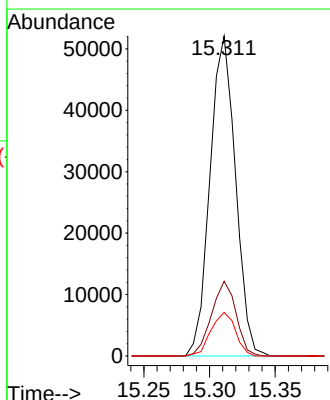
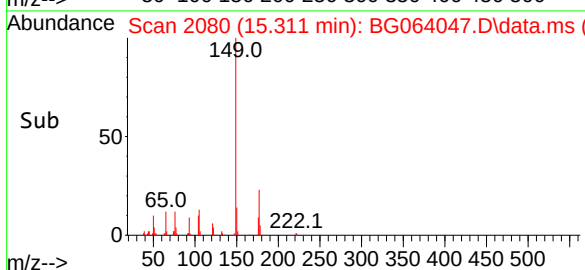
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

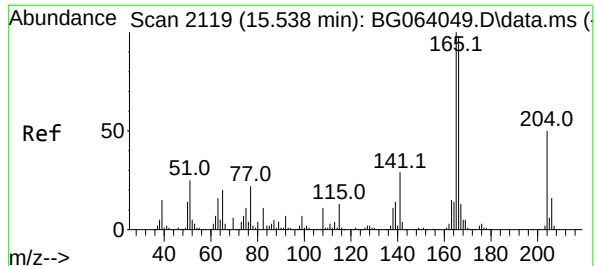


#60  
Diethylphthalate  
Concen: 9.363 ng  
RT: 15.311 min Scan# 2080  
Delta R.T. -0.010 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22



Tgt Ion:149 Resp: 70346  
Ion Ratio Lower Upper  
149 100  
177 23.4 17.4 26.2  
150 13.6 9.4 14.2





#61  
4-Chlorophenyl-phenylether  
Concen: 10.139 ng  
RT: 15.534 min Scan# 2119  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

Instrument :

BNA\_G

ClientSampleId :

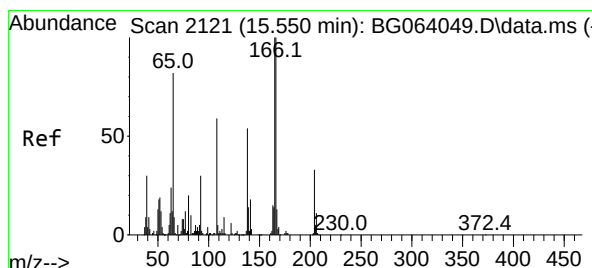
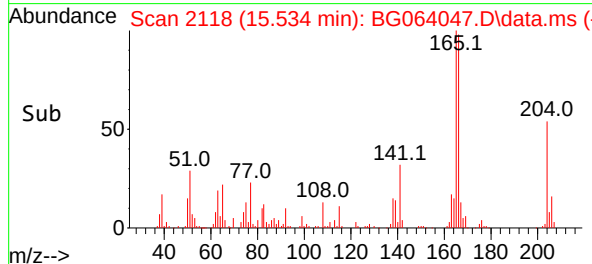
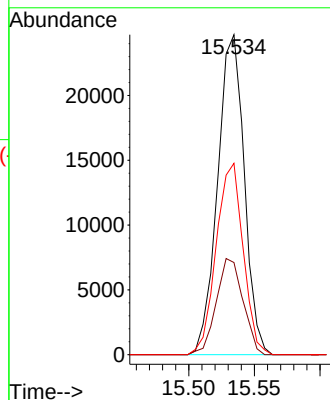
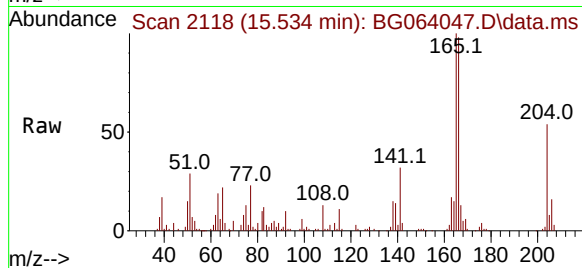
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Tgt Ion:204 Resp: 34862  
Ion Ratio Lower Upper  
204 100  
206 28.8 25.5 38.3  
141 59.8 45.4 68.0

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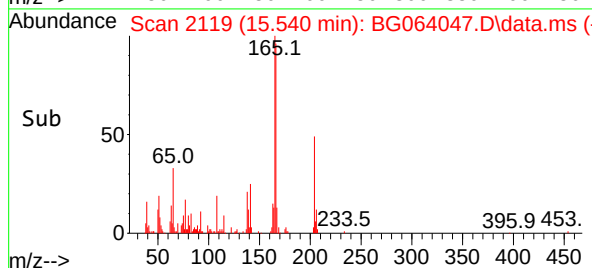
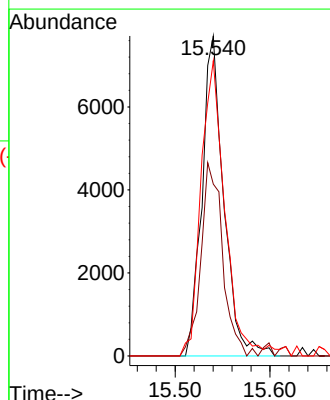
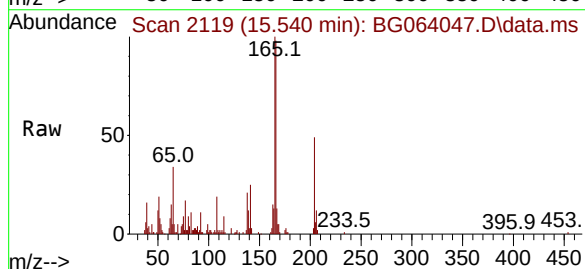
APPROVED

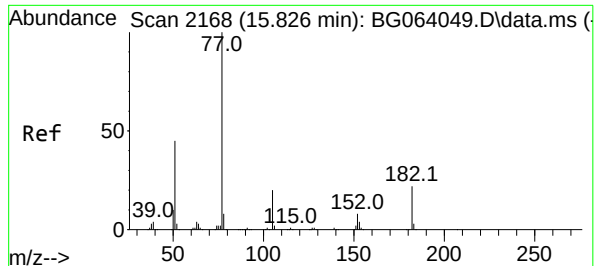
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#62  
4-Nitroaniline  
Concen: 8.534 ng  
RT: 15.540 min Scan# 2119  
Delta R.T. -0.010 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

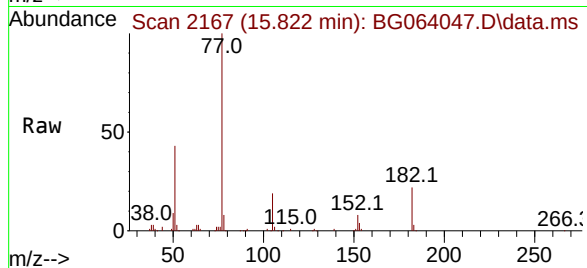
Tgt Ion:138 Resp: 12324  
Ion Ratio Lower Upper  
138 100  
92 53.7 36.1 76.1  
108 92.2 87.9 127.9





#63  
Azobenzene  
Concen: 9.620 ng  
RT: 15.822 min Scan# 2168  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

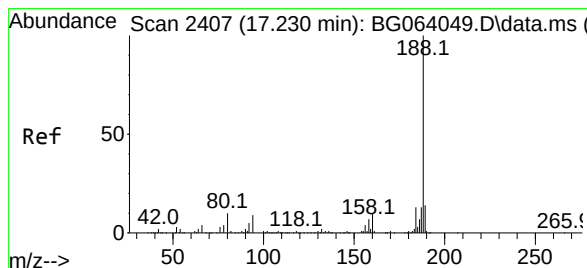
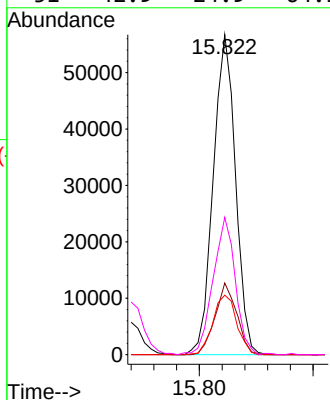
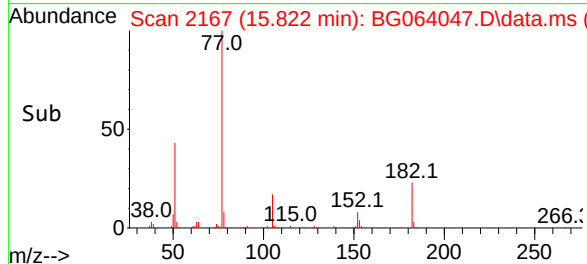
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion: 77 Resp: 7712  
Ion Ratio Lower Upper  
77 100  
182 22.4 2.4 42.4  
105 18.6 0.0 40.0  
51 42.9 24.9 64.9

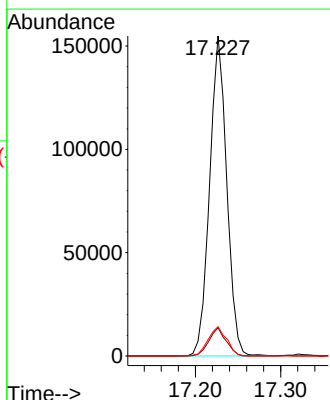
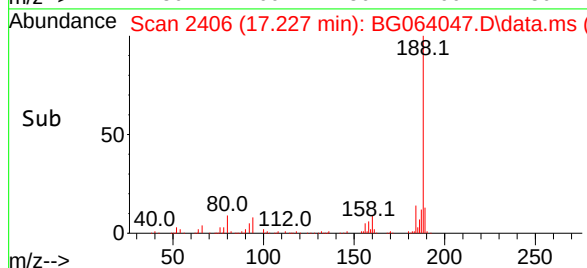
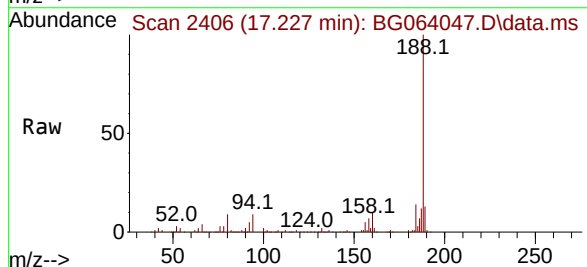
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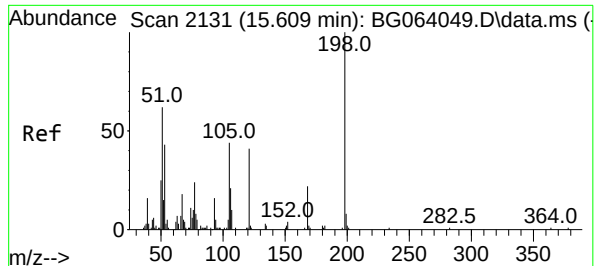
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.227 min Scan# 2406  
Delta R.T. -0.003 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

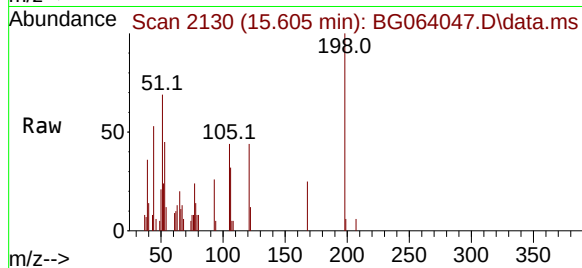
Tgt Ion:188 Resp: 216134  
Ion Ratio Lower Upper  
188 100  
94 8.9 6.9 10.3  
80 9.2 8.1 12.1





#65  
4,6-Dinitro-2-methylphenol  
Concen: 12.953 ng  
RT: 15.605 min Scan# 2131  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

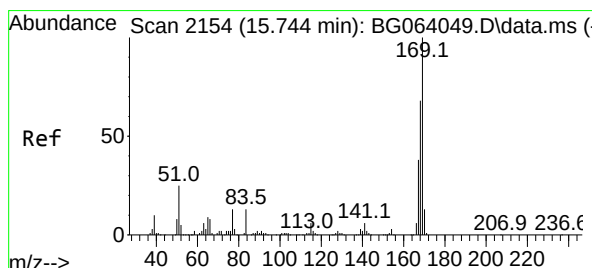
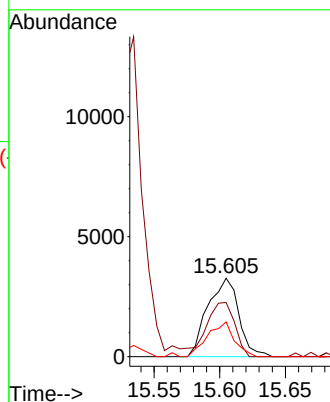
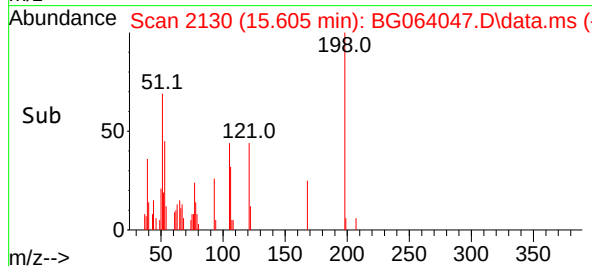
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



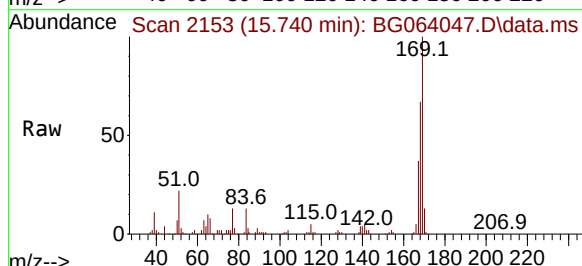
Tgt Ion:198 Resp: 537  
Ion Ratio Lower Upper  
198 100  
51 69.2 45.6 85.6  
105 44.3 25.3 65.3

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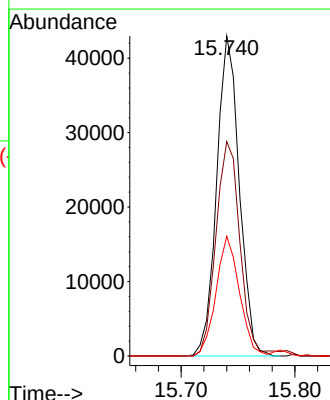
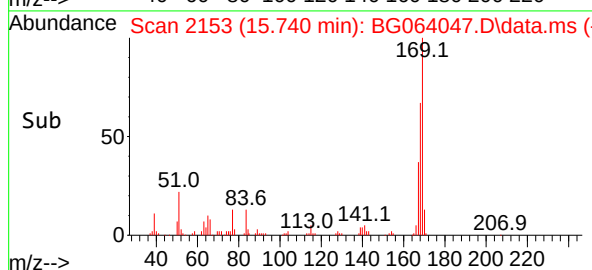
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

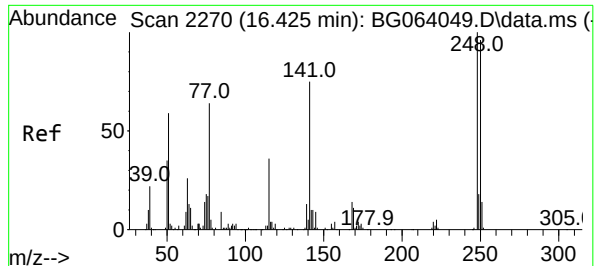


#66  
n-Nitrosodiphenylamine  
Concen: 9.727 ng  
RT: 15.740 min Scan# 2153  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22



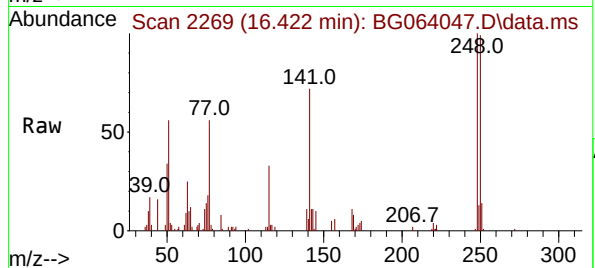
Tgt Ion:169 Resp: 59511  
Ion Ratio Lower Upper  
169 100  
168 67.0 54.1 81.1  
167 37.4 30.3 45.5





#67  
4-Bromophenyl-phenylether  
Concen: 9.525 ng  
RT: 16.422 min Scan# 2108  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

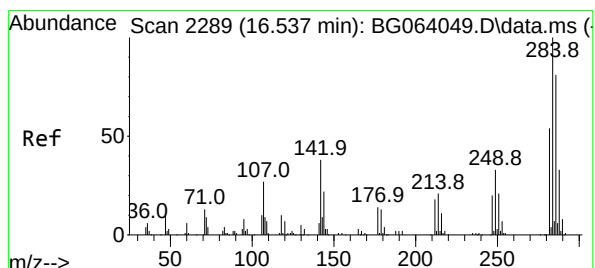
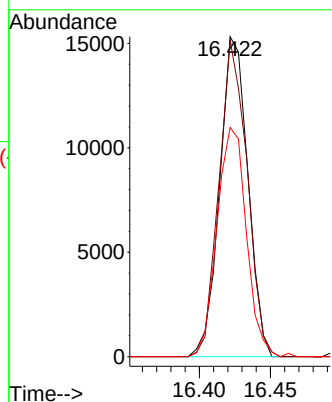
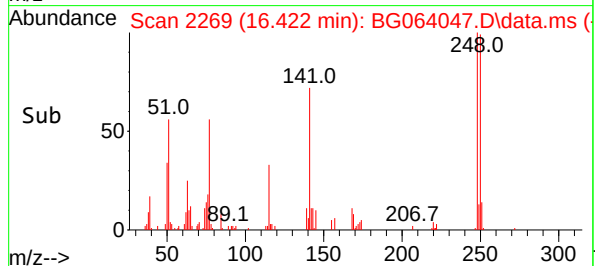
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



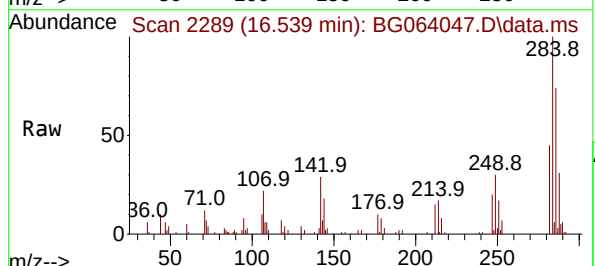
Tgt Ion:248 Resp: 2108  
Ion Ratio Lower Upper  
248 100  
250 98.9 77.1 115.7  
141 71.6 59.8 89.8

Manual Integrations  
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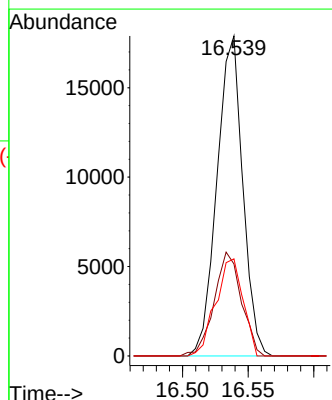
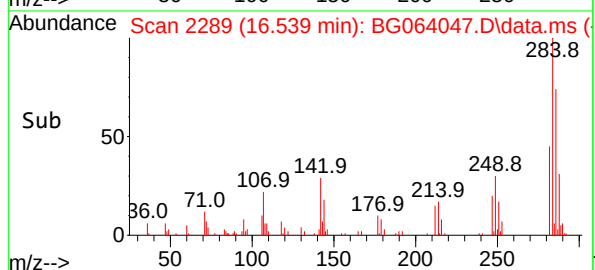
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

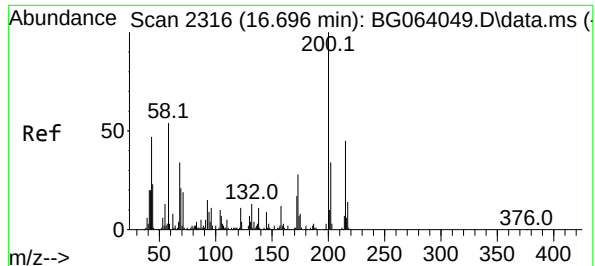


#68  
Hexachlorobenzene  
Concen: 9.848 ng  
RT: 16.539 min Scan# 2289  
Delta R.T. 0.002 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22



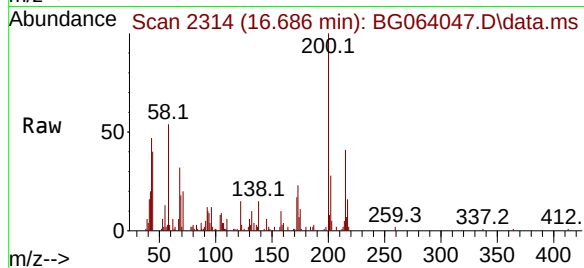
Tgt Ion:284 Resp: 24406  
Ion Ratio Lower Upper  
284 100  
142 28.7 30.6 45.8#  
249 30.3 26.6 39.8





#69  
Atrazine  
Concen: 11.436 ng  
RT: 16.686 min Scan# 21  
Delta R.T. -0.010 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

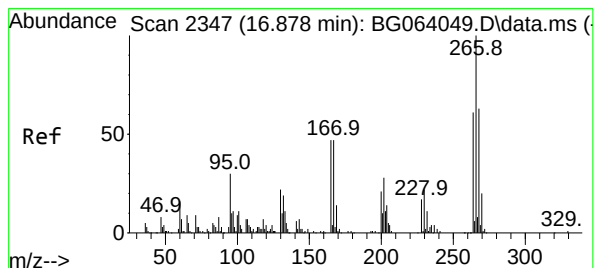
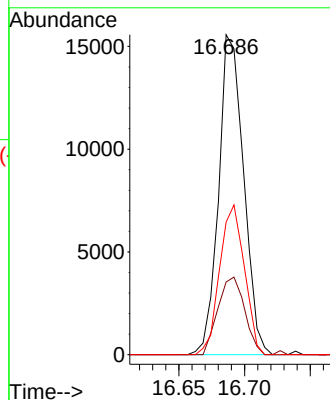
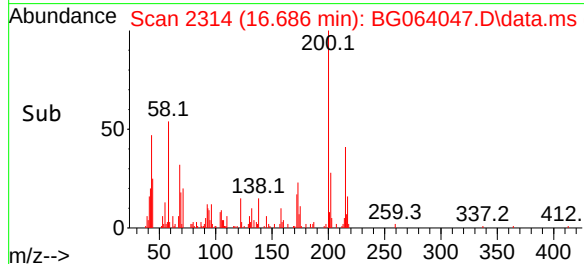
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:200 Resp: 2058  
Ion Ratio Lower Upper  
200 100  
173 22.7 8.2 48.2  
215 41.4 25.5 65.5

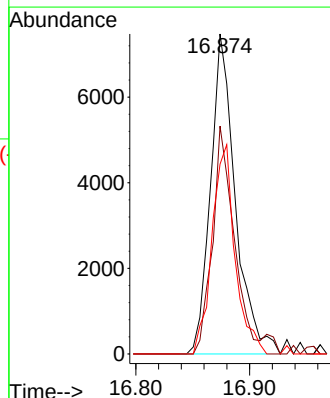
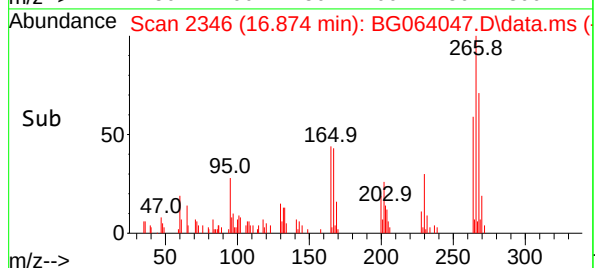
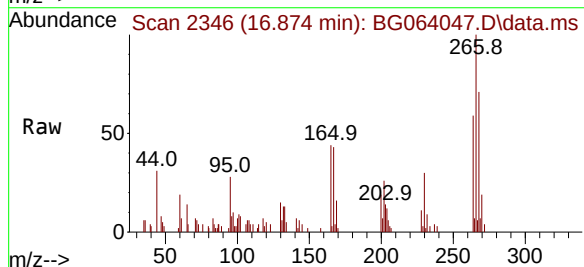
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

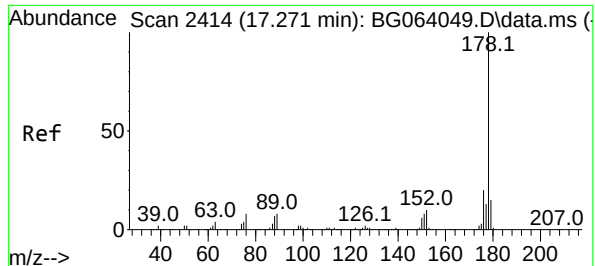


#70  
Pentachlorophenol  
Concen: 7.355 ng  
RT: 16.874 min Scan# 2346  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

Tgt Ion:266 Resp: 11318  
Ion Ratio Lower Upper  
266 100  
268 77.8 50.2 75.4#  
264 66.2 48.9 73.3

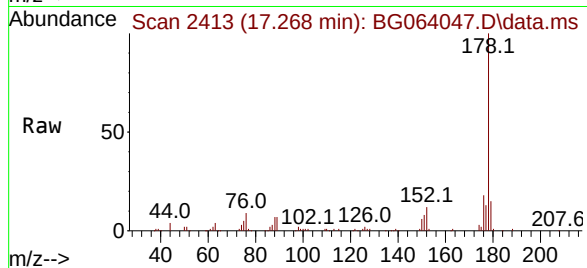






#71  
Phenanthrene  
Concen: 9.694 ng  
RT: 17.268 min Scan# 2413  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

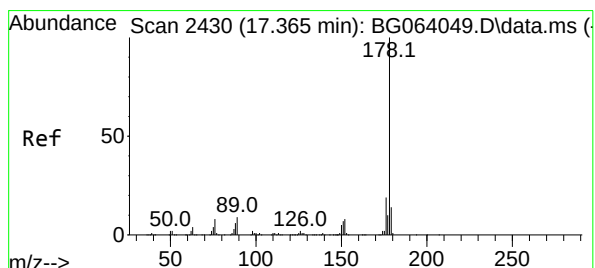
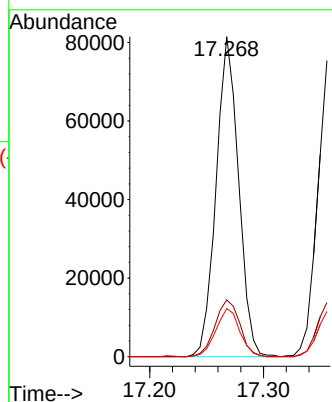
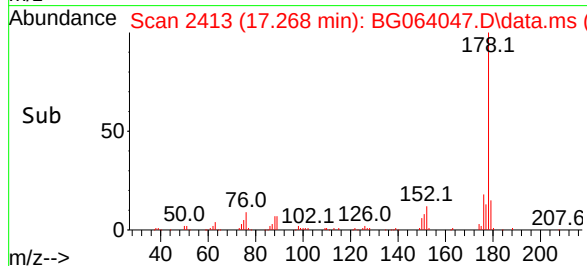
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



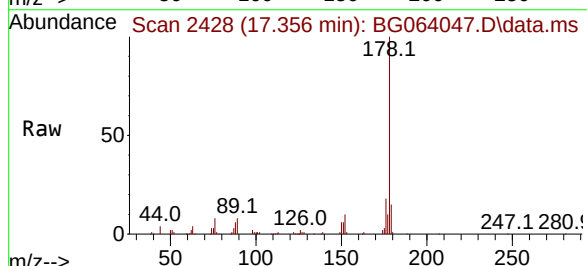
Tgt Ion:178 Resp: 111754  
Ion Ratio Lower Upper  
178 100  
176 17.7 15.9 23.9  
179 15.0 12.2 18.2

Manual Integrations  
APPROVED

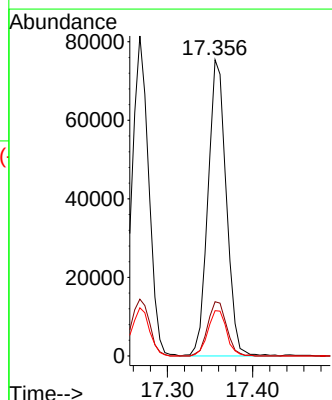
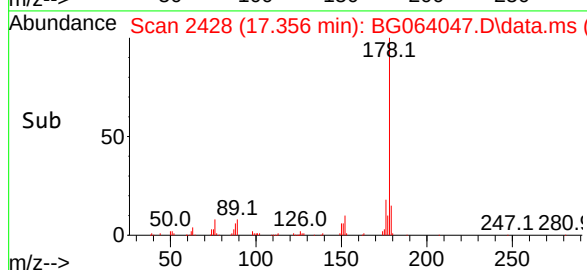
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

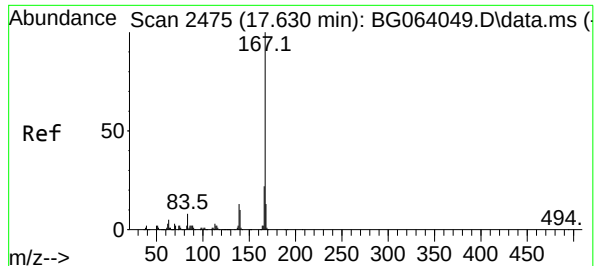


#72  
Anthracene  
Concen: 9.810 ng  
RT: 17.356 min Scan# 2428  
Delta R.T. -0.010 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22



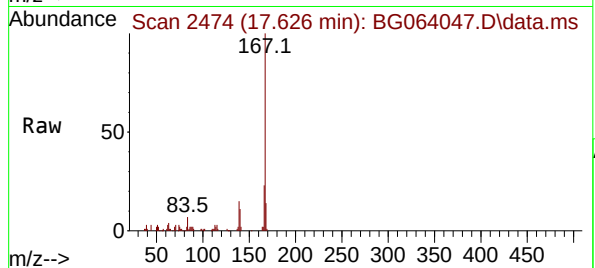
Tgt Ion:178 Resp: 112451  
Ion Ratio Lower Upper  
178 100  
176 18.3 14.8 22.2  
179 15.3 11.5 17.3





#73  
Carbazole  
Concen: 9.974 ng  
RT: 17.626 min Scan# 2474  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

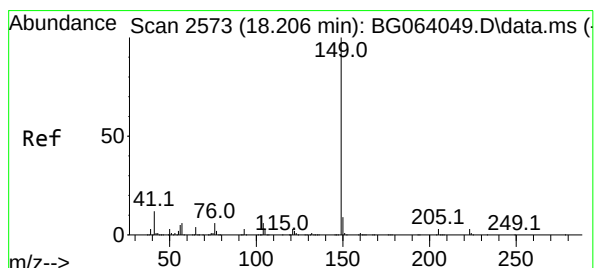
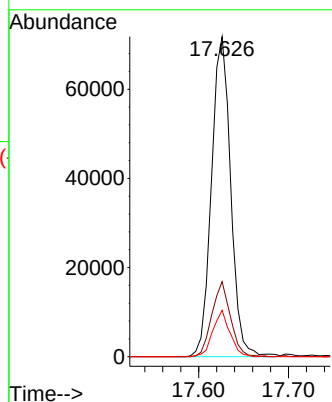
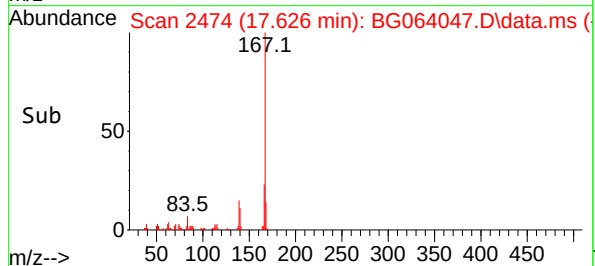
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:167 Resp: 106750  
Ion Ratio Lower Upper  
167 100  
166 23.5 18.0 27.0  
139 14.5 10.6 15.8

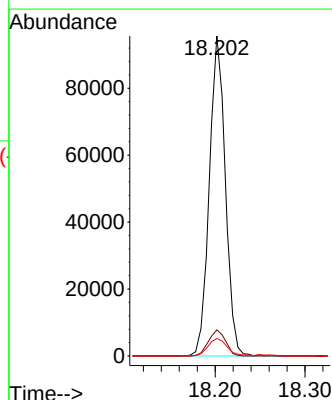
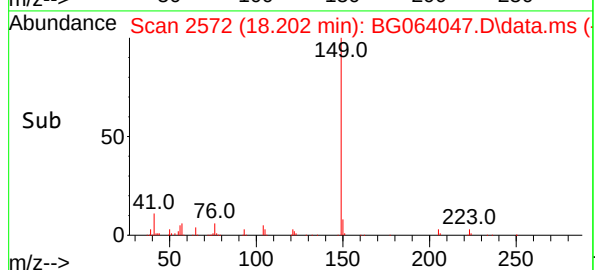
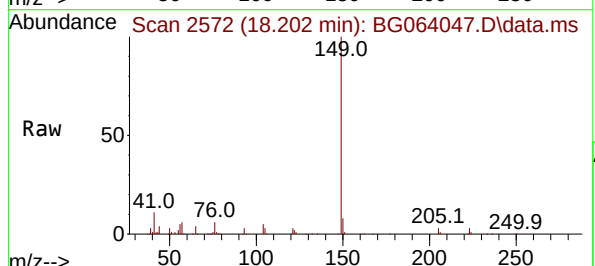
Manual Integrations  
APPROVED

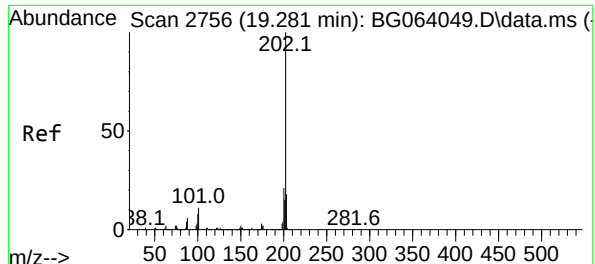
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#74  
Di-n-butylphthalate  
Concen: 9.396 ng  
RT: 18.202 min Scan# 2572  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

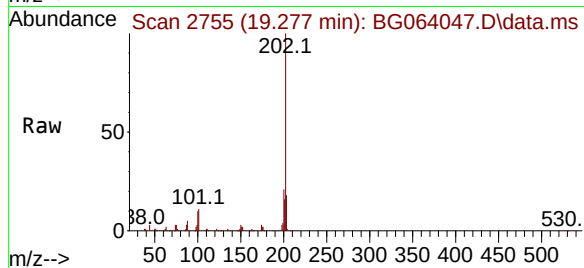
Tgt Ion:149 Resp: 118366  
Ion Ratio Lower Upper  
149 100  
150 8.2 7.4 11.0  
104 5.5 5.0 7.6





#75  
Fluoranthene  
Concen: 10.224 ng  
RT: 19.277 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

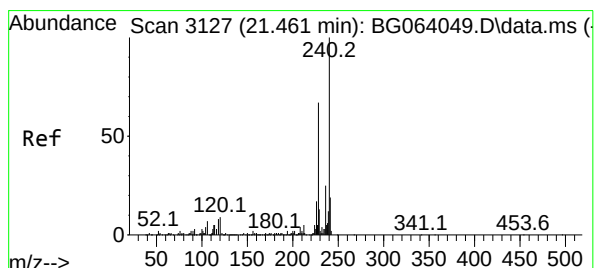
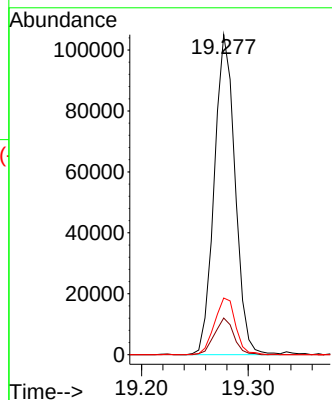
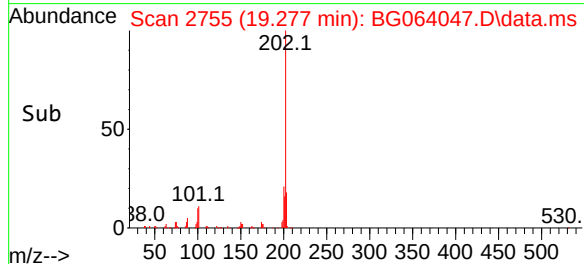
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:202 Resp: 14209  
Ion Ratio Lower Upper  
202 100  
101 11.5 0.0 30.5  
203 17.7 0.0 38.3

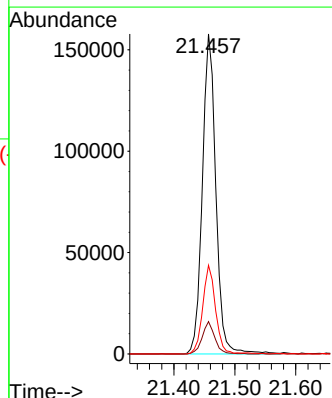
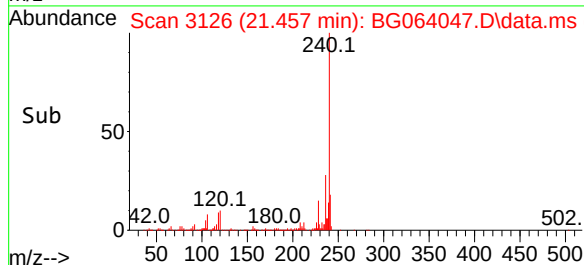
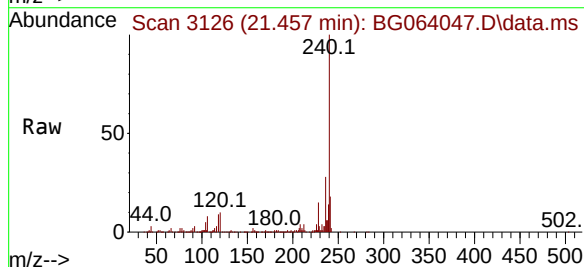
Manual Integrations  
APPROVED

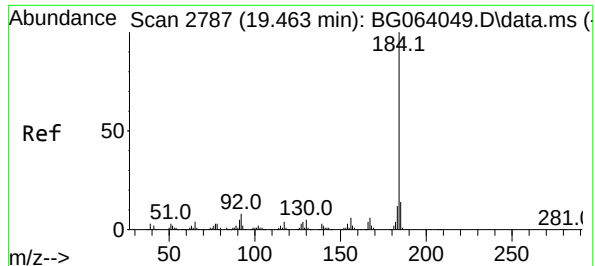
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.457 min Scan# 3126  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

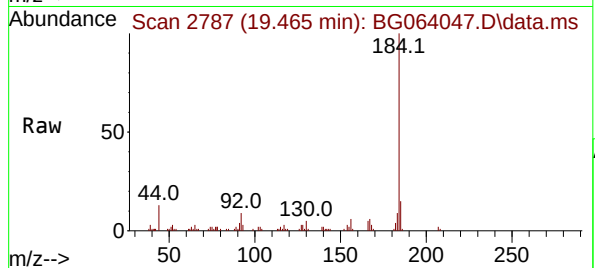
Tgt Ion:240 Resp: 243131  
Ion Ratio Lower Upper  
240 100  
120 10.1 7.2 10.8  
236 27.7 20.2 30.2





#77  
Benzidine  
Concen: 14.253 ng m  
RT: 19.465 min Scan# 21  
Delta R.T. 0.002 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

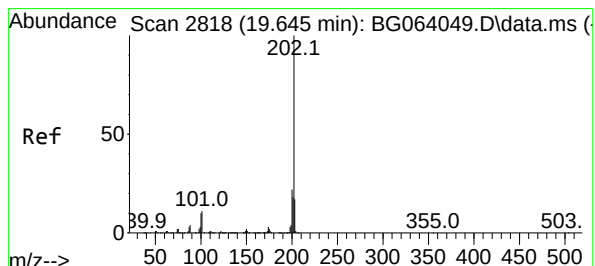
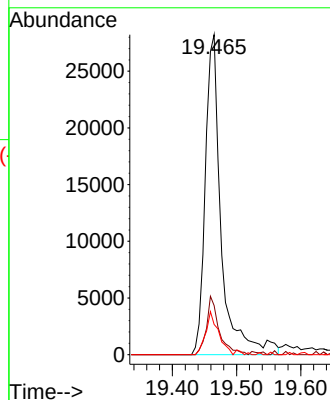
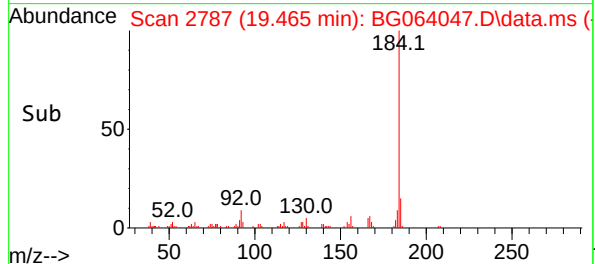
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:184 Resp: 4864  
Ion Ratio Lower Upper  
184 100  
185 15.4 11.3 16.9  
183 9.5 9.5 14.3

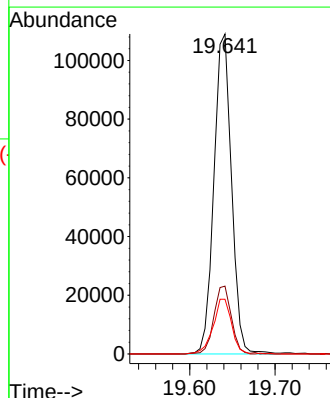
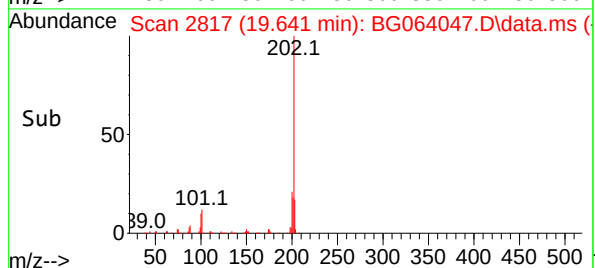
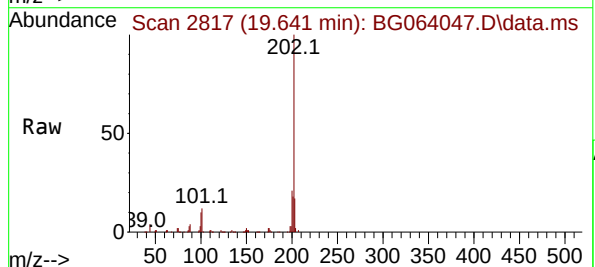
Manual Integrations  
APPROVED

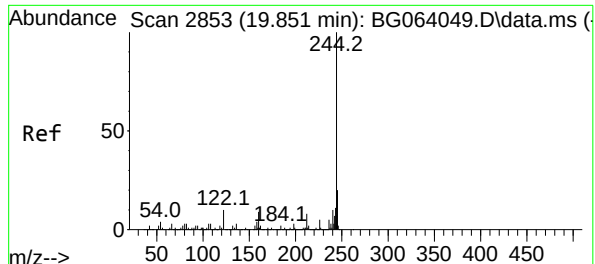
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#78  
Pyrene  
Concen: 9.980 ng  
RT: 19.641 min Scan# 2817  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

Tgt Ion:202 Resp: 156414  
Ion Ratio Lower Upper  
202 100  
200 21.2 17.3 25.9  
203 17.1 13.6 20.4





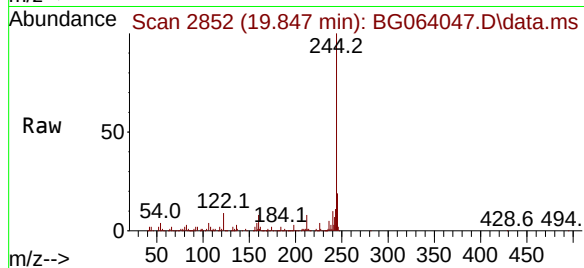
#79  
 Terphenyl-d14  
 Concen: 20.697 ng  
 RT: 19.847 min Scan# 2853  
 Delta R.T. -0.004 min  
 Lab File: BG064047.D  
 Acq: 5 Mar 2025 10:22

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

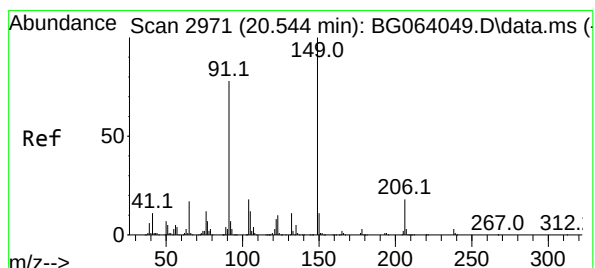
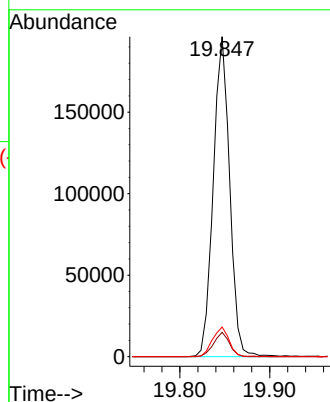
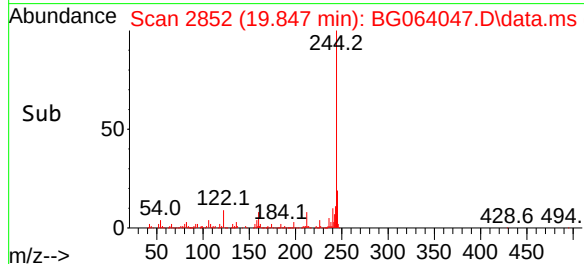


Tgt Ion:244 Resp: 248860  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 6.2 9.4  
 122 9.2 8.0 12.0

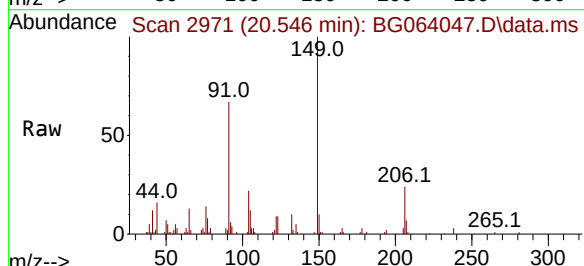
Manual Integrations

APPROVED

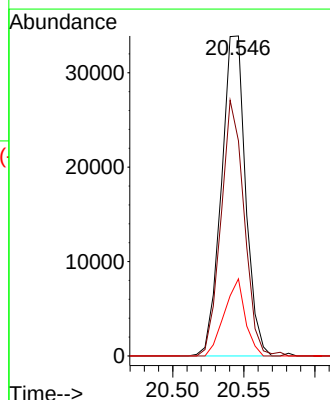
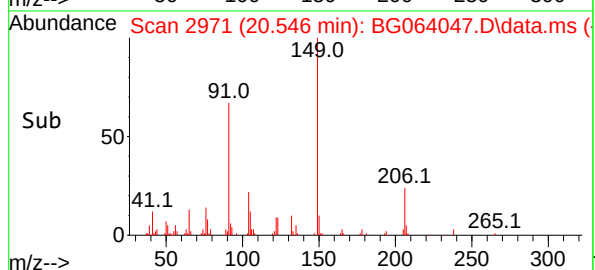
Reviewed By :Jagrut Upadhyay 03/06/2025  
 Supervised By :mohammad ahmed 03/07/2025

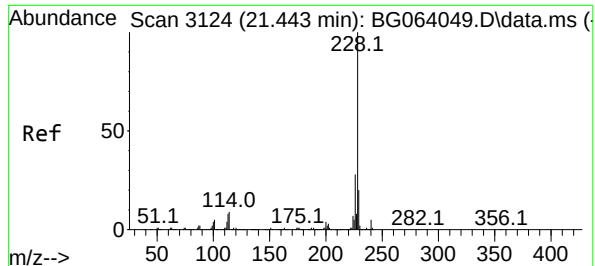


#80  
 Butylbenzylphthalate  
 Concen: 9.952 ng  
 RT: 20.546 min Scan# 2971  
 Delta R.T. 0.002 min  
 Lab File: BG064047.D  
 Acq: 5 Mar 2025 10:22



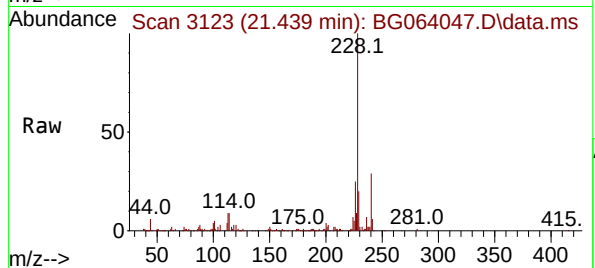
Tgt Ion:149 Resp: 40179  
 Ion Ratio Lower Upper  
 149 100  
 91 67.2 62.0 93.0  
 206 24.1 14.6 21.8#





#81  
Benzo(a)anthracene  
Concen: 9.895 ng  
RT: 21.439 min Scan# 3110  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

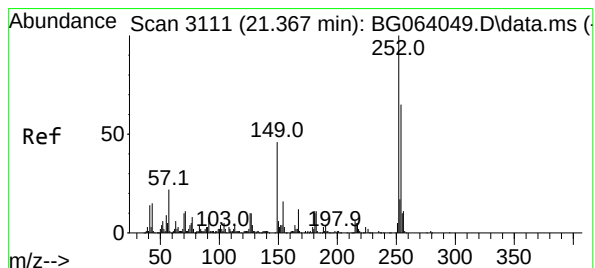
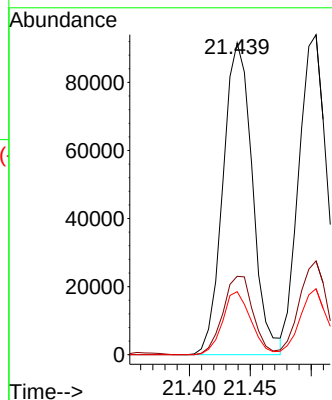
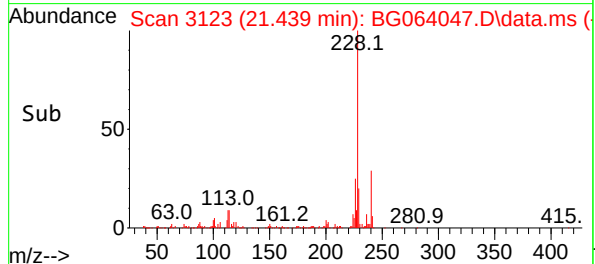
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:228 Resp: 15411  
Ion Ratio Lower Upper  
228 100  
226 25.1 22.2 33.2  
229 20.2 16.4 24.6

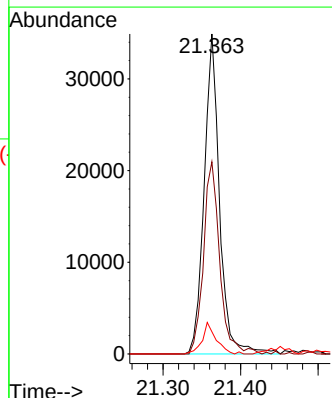
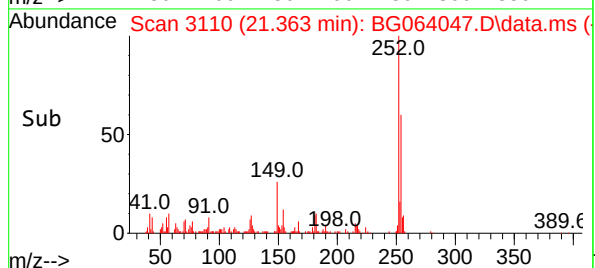
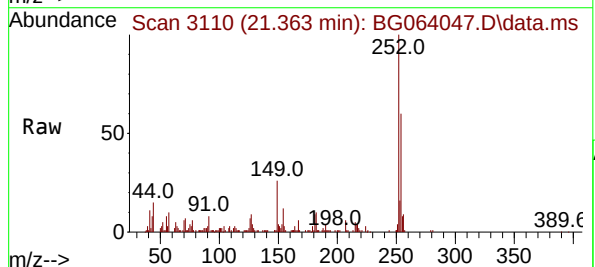
Manual Integrations  
APPROVED

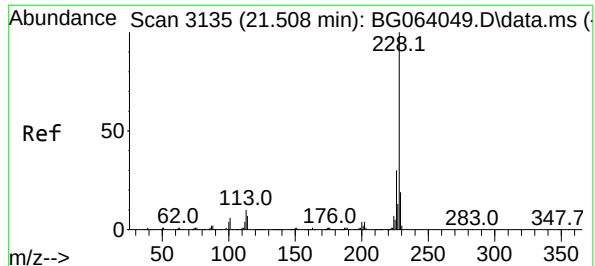
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#82  
3,3'-Dichlorobenzidine  
Concen: 9.539 ng  
RT: 21.363 min Scan# 3110  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

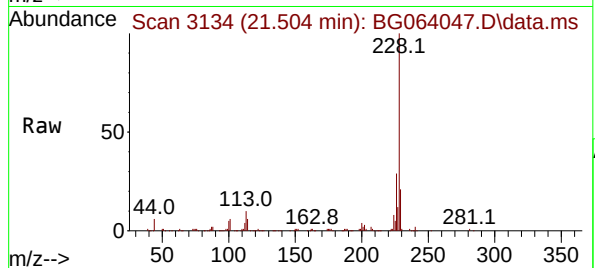
Tgt Ion:252 Resp: 48080  
Ion Ratio Lower Upper  
252 100  
254 60.1 52.1 78.1  
126 7.0 7.8 11.8#





#83  
Chrysene  
Concen: 9.649 ng  
RT: 21.504 min Scan# 3135  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

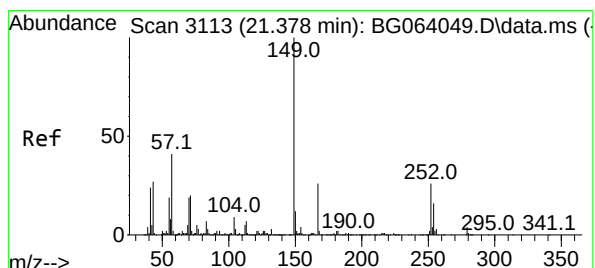
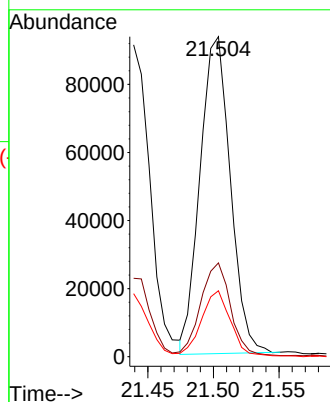
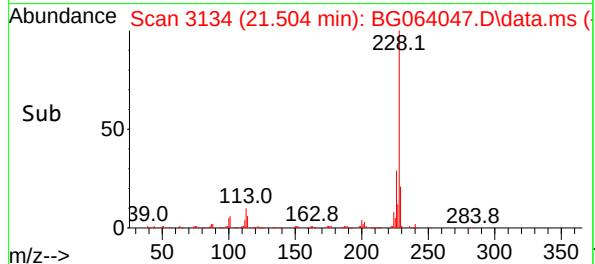
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:228 Resp: 14988  
Ion Ratio Lower Upper  
228 100  
226 29.3 23.9 35.9  
229 20.6 15.3 22.9

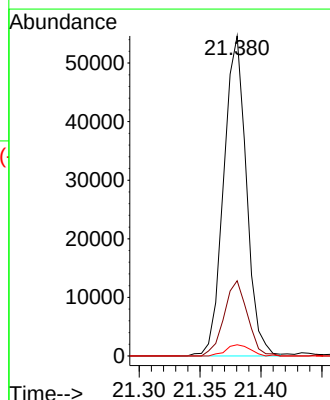
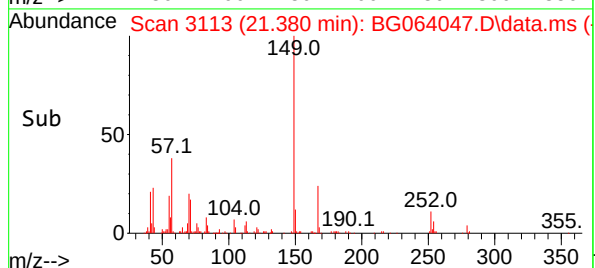
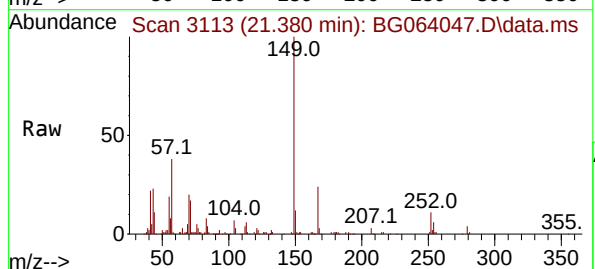
Manual Integrations  
APPROVED

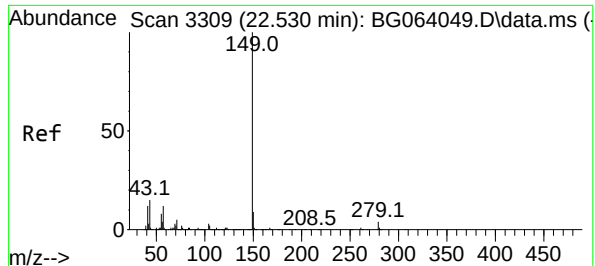
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 8.403 ng  
RT: 21.380 min Scan# 3113  
Delta R.T. 0.002 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

Tgt Ion:149 Resp: 70780  
Ion Ratio Lower Upper  
149 100  
167 23.5 21.0 31.6  
279 3.5 2.8 4.2





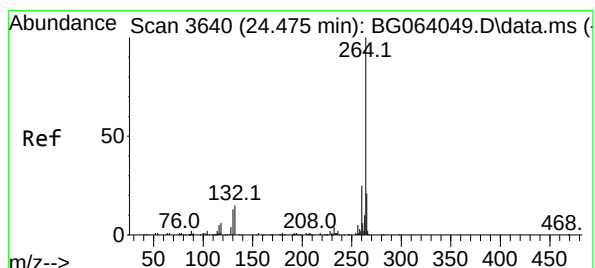
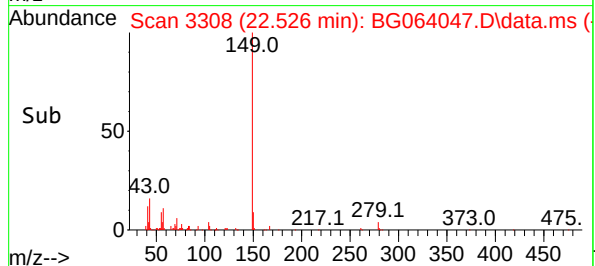
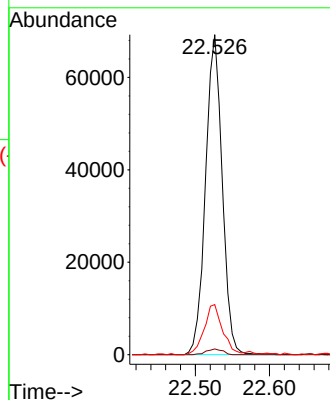
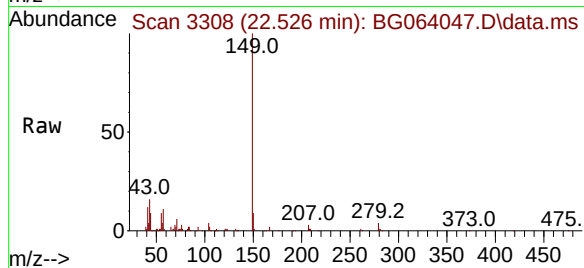
#85  
Di-n-octyl phthalate  
Concen: 7.461 ng  
RT: 22.526 min Scan# 31  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

Tgt Ion:149 Resp: 108389  
Ion Ratio Lower Upper  
149 100  
167 1.8 1.2 1.8  
43 17.2 12.6 19.0

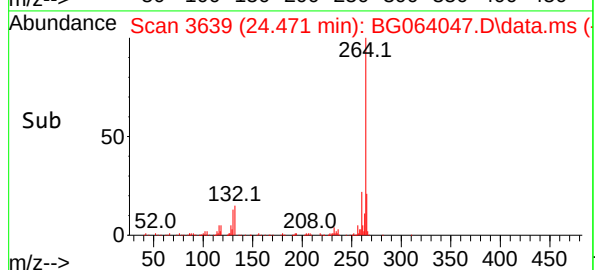
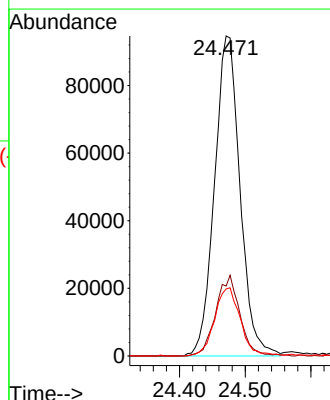
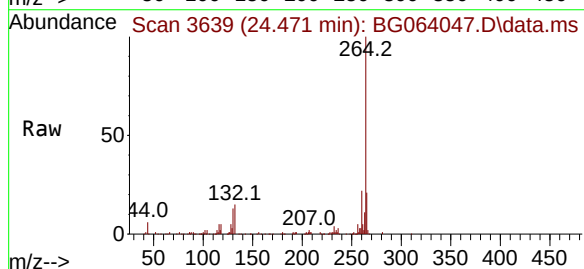
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

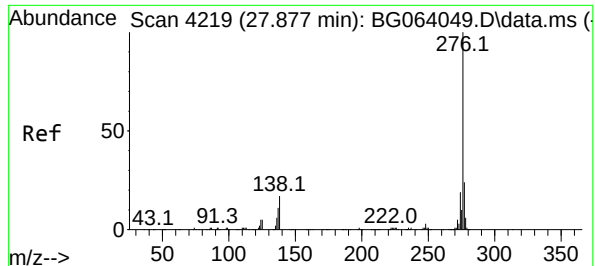


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.471 min Scan# 3639  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

Tgt Ion:264 Resp: 255316  
Ion Ratio Lower Upper  
264 100  
260 21.8 19.6 29.4  
265 21.0 16.6 25.0

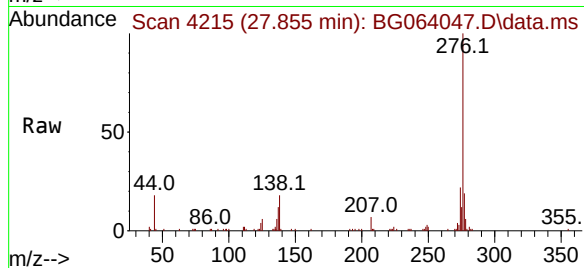






#87  
Indeno(1,2,3-cd)pyrene  
Concen: 9.203 ng  
RT: 27.855 min Scan# 4215  
Delta R.T. -0.021 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

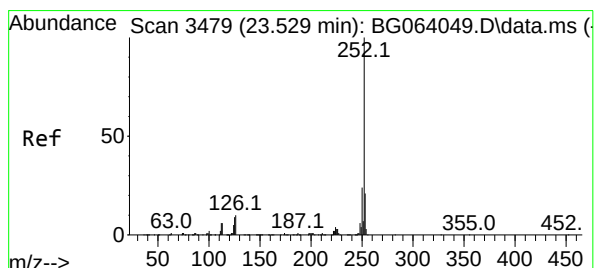
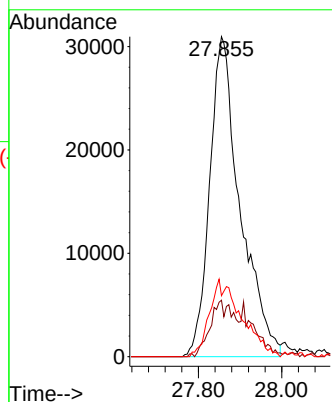
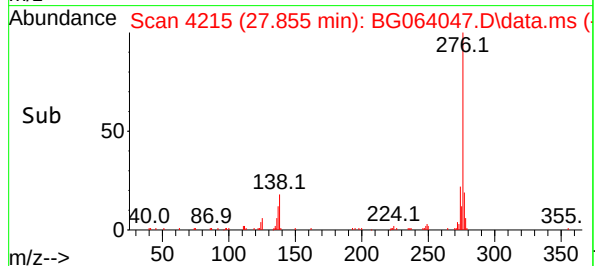
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:276 Resp: 157212  
Ion Ratio Lower Upper  
276 100  
138 8.2 12.1 18.1  
277 10.0 20.0 30.0

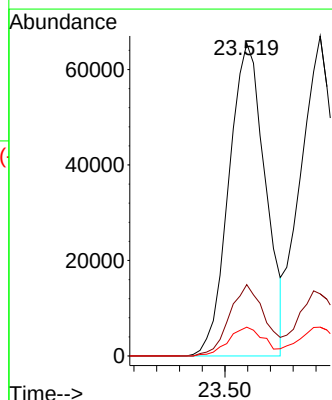
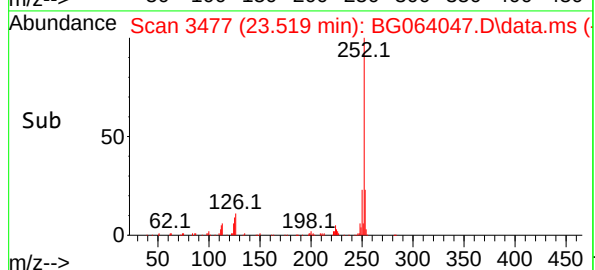
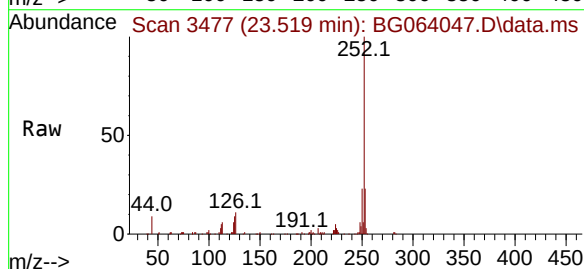
Manual Integrations  
APPROVED

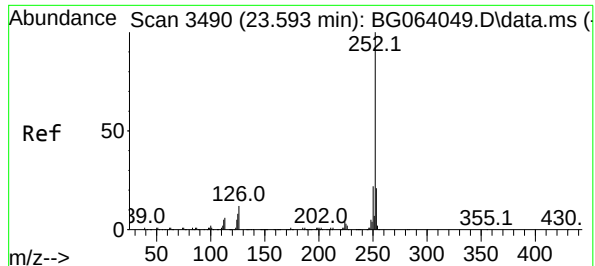
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#88  
Benzo(b)fluoranthene  
Concen: 9.475 ng  
RT: 23.519 min Scan# 3477  
Delta R.T. -0.010 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

Tgt Ion:252 Resp: 146238  
Ion Ratio Lower Upper  
252 100  
253 22.8 17.0 25.4  
125 9.2 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 9.805 ng

RT: 23.584 min Scan# 34

Delta R.T. -0.010 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

Tgt Ion:252 Resp: 151820

Ion Ratio Lower Upper

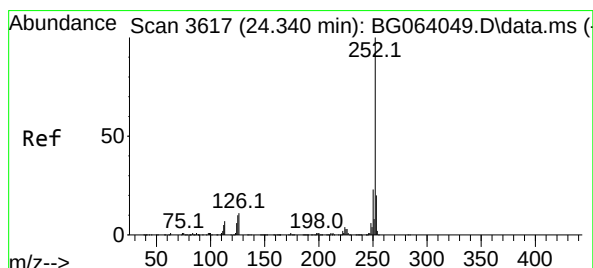
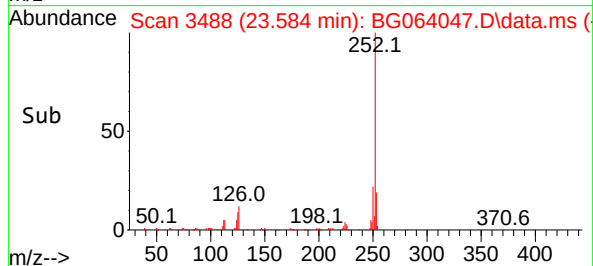
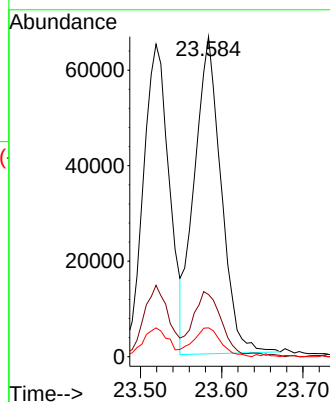
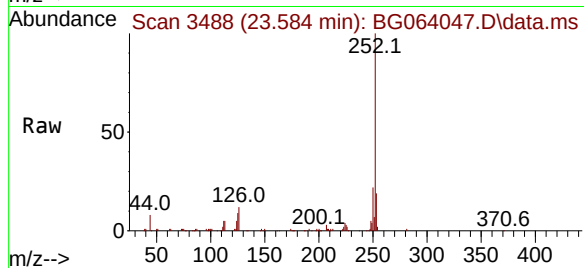
252 100

253 19.4 16.8 25.2

125 9.0 6.9 10.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

#90

Benzo(a)pyrene

Concen: 9.496 ng

RT: 24.330 min Scan# 3615

Delta R.T. -0.010 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

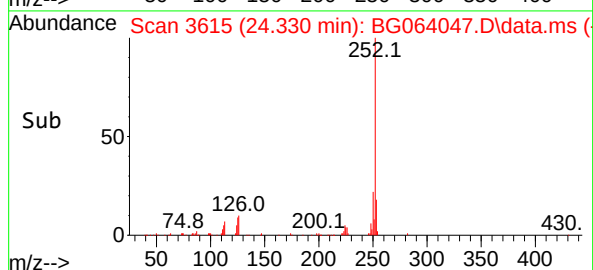
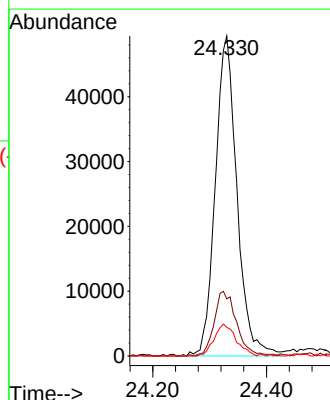
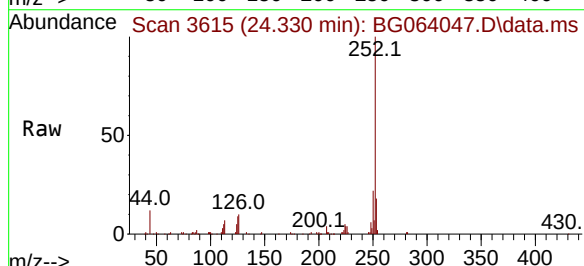
Tgt Ion:252 Resp: 130528

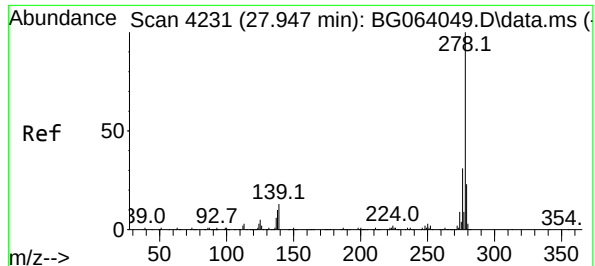
Ion Ratio Lower Upper

252 100

253 17.8 16.2 24.2

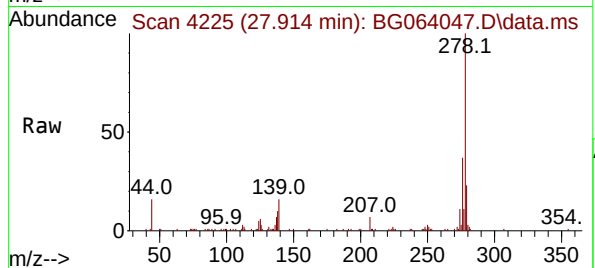
125 9.0 7.8 11.6





#91  
Dibenzo(a,h)anthracene  
Concen: 9.340 ng  
RT: 27.914 min Scan# 41  
Delta R.T. -0.033 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

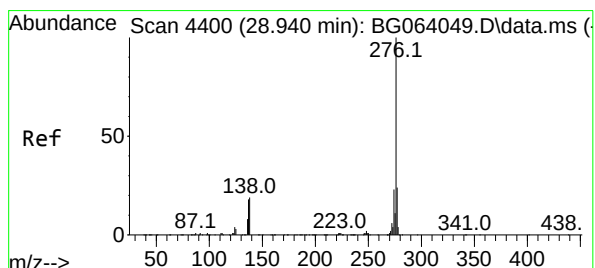
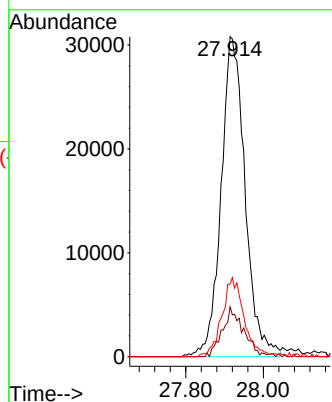
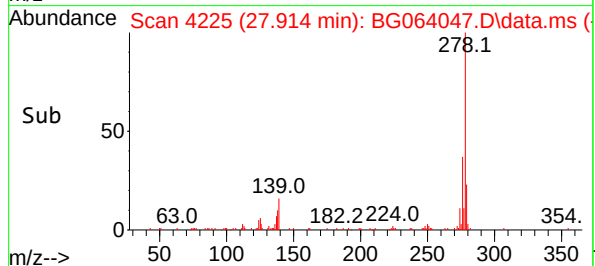
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



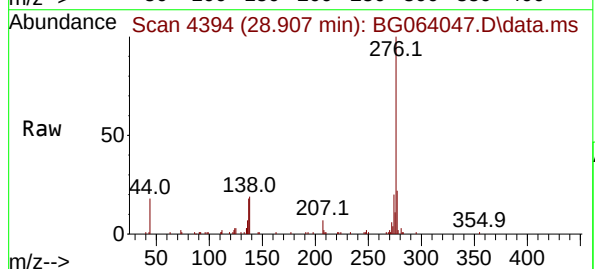
Tgt Ion:278 Resp: 13227  
Ion Ratio Lower Upper  
278 100  
139 15.6 10.2 15.2  
279 22.7 18.1 27.1

Manual Integrations  
APPROVED

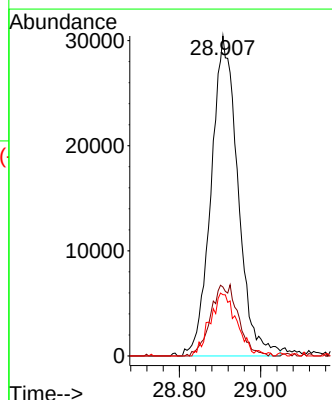
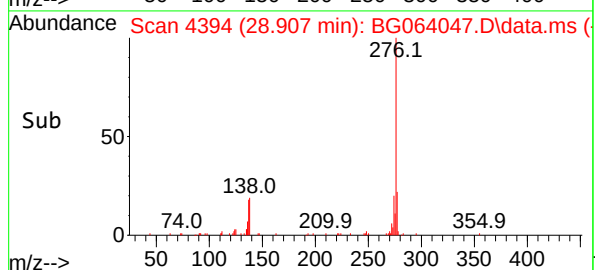
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#92  
Benzo(g,h,i)perylene  
Concen: 9.596 ng  
RT: 28.907 min Scan# 4394  
Delta R.T. -0.033 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22



Tgt Ion:276 Resp: 139536  
Ion Ratio Lower Upper  
276 100  
277 21.6 19.5 29.3  
138 19.1 15.4 23.0



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030525\  
 Data File : BG064048.D  
 Acq On : 5 Mar 2025 11:03  
 Operator : RC/JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDICC020

## Manual Integrations

## APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025

Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:22:23 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 05 14:45:06 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.867  | 152  | 32618    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.652 | 136  | 145081   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.489 | 164  | 102335   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.227 | 188  | 239469   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.463 | 240  | 245725   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.471 | 264  | 254102   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.446  | 112  | 86747    | 41.526 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.027  | 99   | 117028   | 41.181 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.013  | 82   | 104347   | 39.746 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.969 | 330  | 46324    | 40.723 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.114 | 172  | 278220   | 41.267 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.847 | 244  | 521784   | 42.936 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.372  | 88   | 20346    | 21.491 | ng    | 94       |
| 3) Pyridine                   | 3.760  | 79   | 47376    | 20.577 | ng    | 90       |
| 4) n-Nitrosodimethylamine     | 3.678  | 42   | 33180    | 20.170 | ng    | # 98     |
| 6) Aniline                    | 7.191  | 93   | 59532    | 21.349 | ng    | 98       |
| 8) 2-Chlorophenol             | 7.432  | 128  | 46053    | 20.527 | ng    | 91       |
| 9) Benzaldehyde               | 7.003  | 77   | 36954m   | 22.246 | ng    |          |
| 10) Phenol                    | 7.050  | 94   | 59566    | 20.473 | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 7.291  | 93   | 46439    | 20.359 | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 7.755  | 146  | 48956    | 19.871 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.902  | 146  | 52419    | 20.757 | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.214  | 146  | 50317    | 20.663 | ng    | 98       |
| 15) Benzyl Alcohol            | 8.096  | 79   | 43802    | 19.946 | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.390  | 45   | 104660   | 20.405 | ng    | 98       |
| 17) 2-Methylphenol            | 8.302  | 107  | 38395    | 19.883 | ng    | # 90     |
| 18) Hexachloroethane          | 8.948  | 117  | 16959    | 19.194 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 8.666  | 70   | 41803    | 20.960 | ng    | 94       |
| 20) 3+4-Methylphenols         | 8.625  | 107  | 53440    | 20.102 | ng    | 93       |
| 22) Acetophenone              | 8.678  | 105  | 84092    | 21.140 | ng    | 94       |
| 24) Nitrobenzene              | 9.060  | 77   | 56511    | 20.828 | ng    | # 97     |
| 25) Isophorone                | 9.577  | 82   | 107881   | 20.530 | ng    | 98       |
| 26) 2-Nitrophenol             | 9.765  | 139  | 13886    | 18.663 | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.824  | 122  | 32013    | 20.322 | ng    | 95       |
| 28) bis(2-Chloroethoxy)met... | 10.064 | 93   | 67945    | 21.327 | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 10.294 | 162  | 40728    | 20.475 | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 10.517 | 180  | 49701    | 20.698 | ng    | 96       |
| 31) Naphthalene               | 10.705 | 128  | 161582   | 20.654 | ng    | 100      |
| 32) Benzoic acid              | 9.929  | 122  | 20223m   | 20.131 | ng    |          |
| 33) 4-Chloroaniline           | 10.805 | 127  | 59095    | 20.668 | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.999 | 225  | 32675    | 20.760 | ng    | 96       |
| 35) Caprolactam               | 11.557 | 113  | 16251    | 21.319 | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 11.927 | 107  | 55024    | 21.103 | ng    | 94       |
| 37) 2-Methylnaphthalene       | 12.309 | 142  | 114303   | 20.696 | ng    | 94       |
| 38) 1-Methylnaphthalene       | 12.532 | 142  | 111828   | 20.668 | ng    | 95       |
| 40) 1,2,4,5-Tetrachloroben... | 12.679 | 216  | 60556    | 20.727 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.667 | 237  | 16470    | 20.029 | ng    | 90       |
| 43) 2,4,6-Trichlorophenol     | 12.914 | 196  | 34893    | 20.264 | ng    | 93       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030525\  
 Data File : BG064048.D  
 Acq On : 5 Mar 2025 11:03  
 Operator : RC/JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDICC020

## Manual Integrations

## APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
 Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:22:23 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 05 14:45:06 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.985 | 196  | 38995    | 20.381 | ng    | 95       |
| 46) 1,1'-Biphenyl             | 13.325 | 154  | 160835   | 20.803 | ng    | 97       |
| 47) 2-Chloronaphthalene       | 13.361 | 162  | 112611   | 19.971 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.560 | 65   | 28373    | 18.684 | ng    | 98       |
| 49) Acenaphthylene            | 14.207 | 152  | 183469   | 20.571 | ng    | 99       |
| 50) Dimethylphthalate         | 13.948 | 163  | 159500   | 21.114 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.054 | 165  | 26787    | 19.614 | ng    | 92       |
| 52) Acenaphthene              | 14.553 | 154  | 125939m  | 20.997 | ng    |          |
| 53) 3-Nitroaniline            | 14.383 | 138  | 30517    | 20.902 | ng    | 88       |
| 54) 2,4-Dinitrophenol         | 14.594 | 184  | 8560     | 19.958 | ng    | # 74     |
| 55) Dibenzofuran              | 14.888 | 168  | 202235   | 20.856 | ng    | 96       |
| 56) 4-Nitrophenol             | 14.683 | 139  | 20425    | 16.681 | ng    | 87       |
| 57) 2,4-Dinitrotoluene        | 14.841 | 165  | 35172    | 19.015 | ng    | # 97     |
| 58) Fluorene                  | 15.534 | 166  | 157795   | 20.894 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.111 | 232  | 39748    | 21.310 | ng    | 99       |
| 60) Diethylphthalate          | 15.311 | 149  | 174872   | 21.324 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.534 | 204  | 80605    | 21.477 | ng    | 95       |
| 62) 4-Nitroaniline            | 15.540 | 138  | 32000    | 20.301 | ng    | 88       |
| 63) Azobenzene                | 15.822 | 77   | 182618   | 20.868 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.599 | 198  | 14079    | 19.469 | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 15.740 | 169  | 139451   | 20.573 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.422 | 248  | 50868    | 20.740 | ng    | 99       |
| 68) Hexachlorobenzene         | 16.539 | 284  | 56538    | 20.591 | ng    | 95       |
| 69) Atrazine                  | 16.692 | 200  | 42810    | 21.465 | ng    | 97       |
| 70) Pentachlorophenol         | 16.874 | 266  | 30561    | 17.926 | ng    | # 88     |
| 71) Phenanthrene              | 17.268 | 178  | 265841   | 20.813 | ng    | 99       |
| 72) Anthracene                | 17.362 | 178  | 264350   | 20.814 | ng    | 99       |
| 73) Carbazole                 | 17.626 | 167  | 244169   | 20.591 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.202 | 149  | 290500   | 20.812 | ng    | 100      |
| 75) Fluoranthene              | 19.277 | 202  | 319913   | 20.776 | ng    | 98       |
| 77) Benzidine                 | 19.459 | 184  | 58504    | 16.960 | ng    | 99       |
| 78) Pyrene                    | 19.641 | 202  | 331849   | 20.950 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.546 | 149  | 99429    | 19.098 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.439 | 228  | 321777   | 20.443 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.363 | 252  | 109121   | 21.421 | ng    | 98       |
| 83) Chrysene                  | 21.504 | 228  | 321379   | 20.471 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.381 | 149  | 168286   | 19.769 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.526 | 149  | 272257   | 18.542 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.867 | 276  | 357779   | 21.044 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 23.525 | 252  | 322554   | 20.998 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.590 | 252  | 325538   | 21.124 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.330 | 252  | 285622   | 20.878 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene    | 27.932 | 278  | 292558   | 20.756 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 28.931 | 276  | 307072   | 21.219 | ng    | 97       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

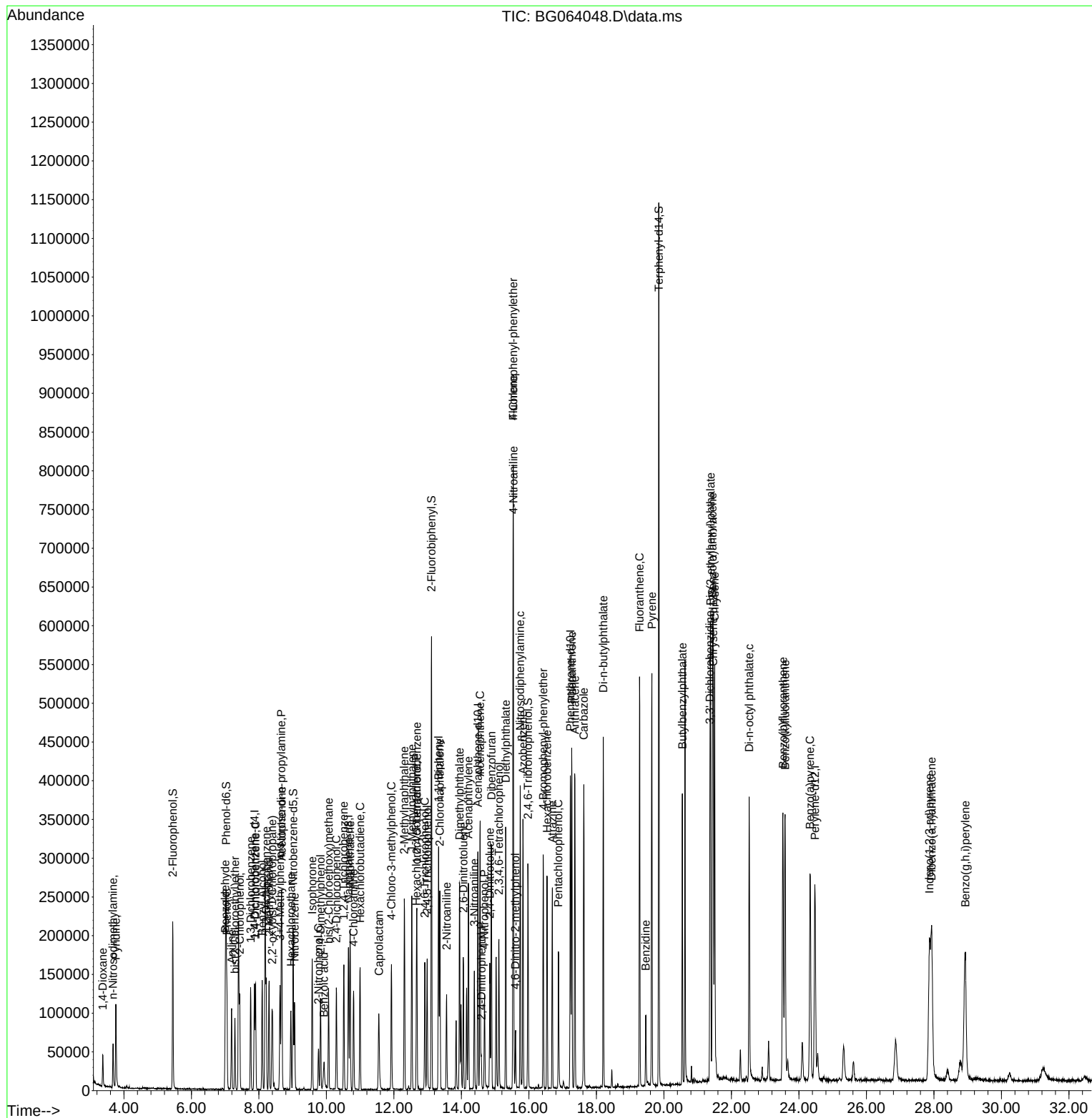
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Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\  
Data File : BG064048.D  
Acq On    : 5 Mar 2025 11:03  
Operator  : RC/JU  
Sample    : SSTDICC020  
Misc      :  
ALS Vial  : 5 Sample Multiplier: 1
```

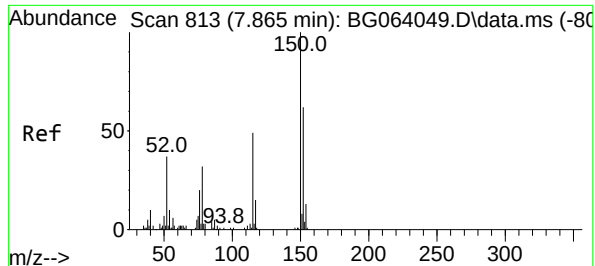
**Instrument :**  
BNA\_G  
**ClientSampleId :**  
SSTDICC020

## Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

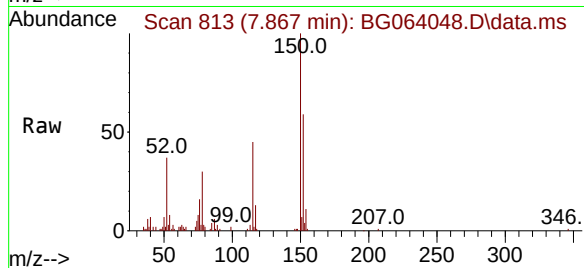
Quant Time: Mar 05 15:22:23 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Mar 05 14:45:06 2025  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.867 min Scan# 81  
Delta R.T. 0.002 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

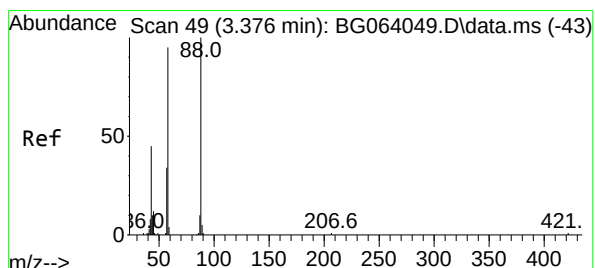
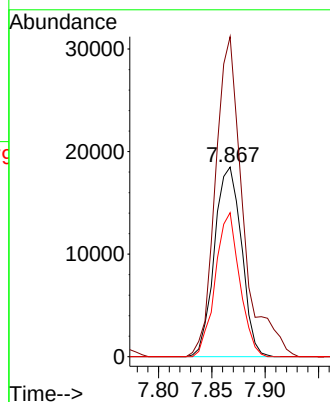
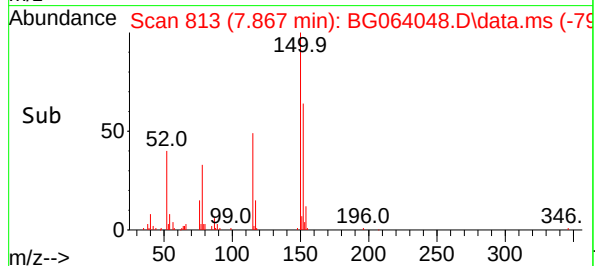
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion:152 Resp: 32618  
Ion Ratio Lower Upper  
152 100  
150 168.8 129.2 193.8  
115 76.0 63.0 94.6

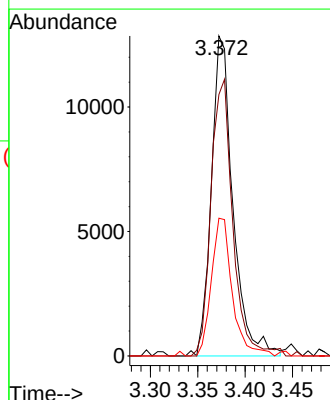
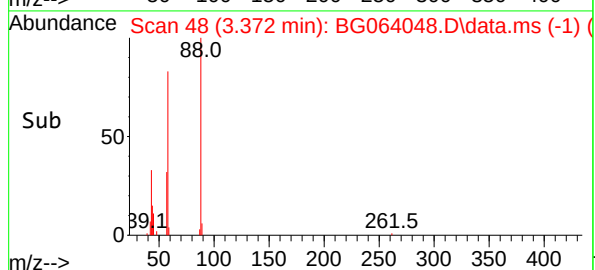
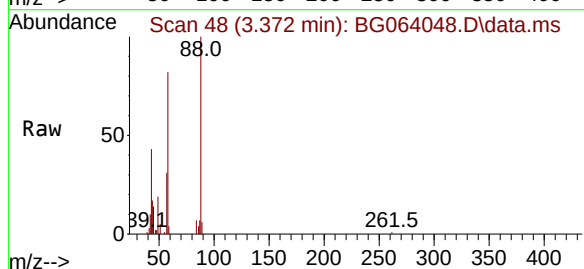
Manual Integrations  
APPROVED

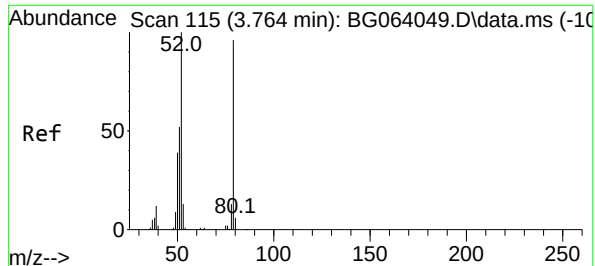
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#2  
1,4-Dioxane  
Concen: 21.491 ng  
RT: 3.372 min Scan# 48  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

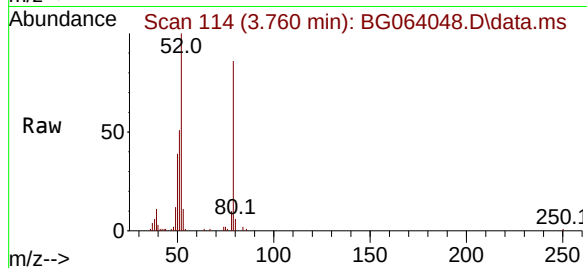
Tgt Ion: 88 Resp: 20346  
Ion Ratio Lower Upper  
88 100  
58 87.3 74.6 111.8  
43 41.6 35.5 53.3





#3  
Pyridine  
Concen: 20.577 ng  
RT: 3.760 min Scan# 115  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

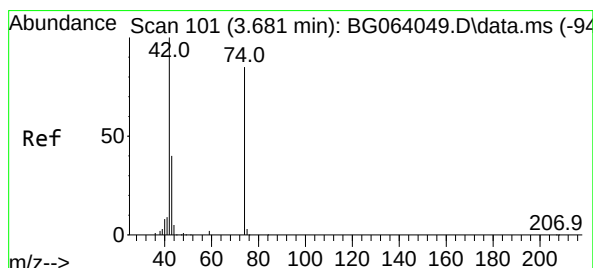
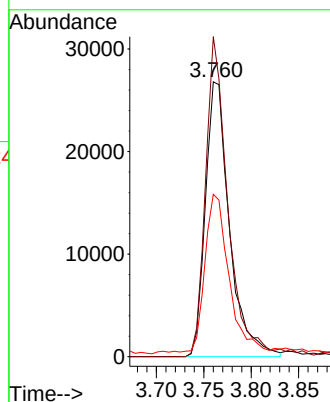
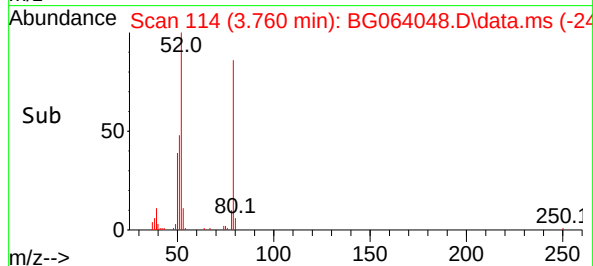
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion: 79 Resp: 47370  
Ion Ratio Lower Upper  
79 100  
52 116.4 83.0 124.6  
51 59.1 44.3 66.5

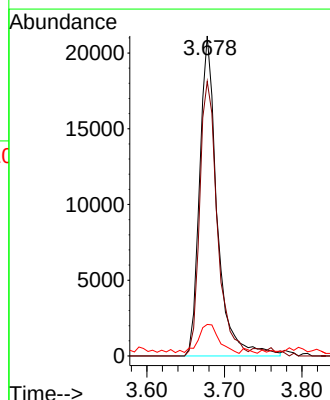
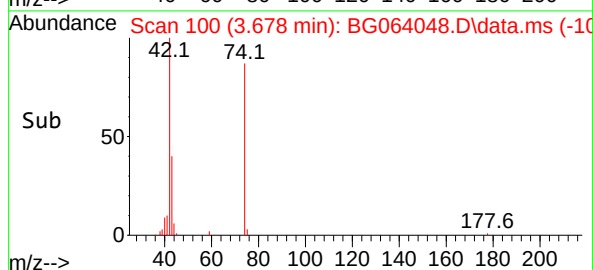
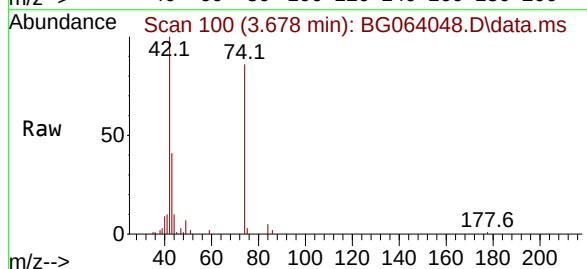
Manual Integrations  
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Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

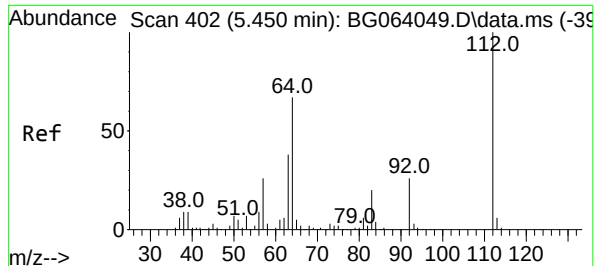


#4  
n-Nitrosodimethylamine  
Concen: 20.170 ng  
RT: 3.678 min Scan# 100  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

Tgt Ion: 42 Resp: 33180  
Ion Ratio Lower Upper  
42 100  
74 85.8 68.0 102.0  
44 9.9 4.9 7.3#







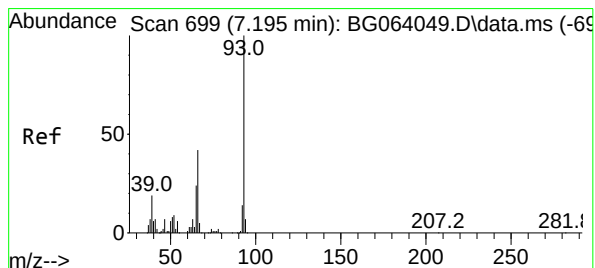
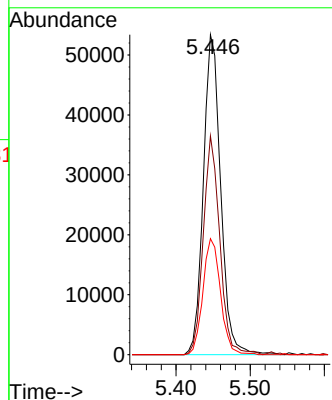
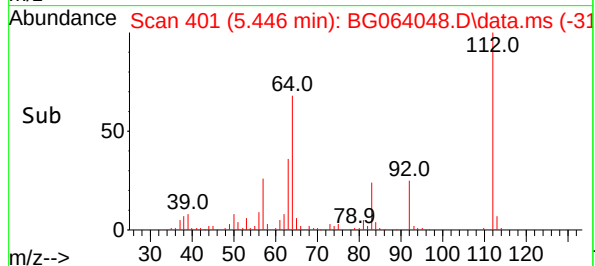
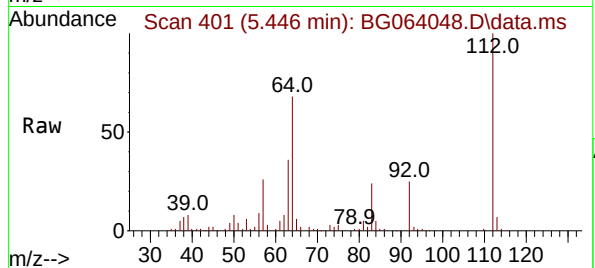
#5  
2-Fluorophenol  
Concen: 41.526 ng  
RT: 5.446 min Scan# 401  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

Tgt Ion: 112 Resp: 8674  
Ion Ratio Lower Upper  
112 100  
64 68.3 53.7 80.5  
63 36.3 30.2 45.4

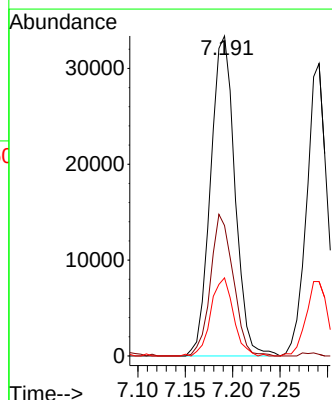
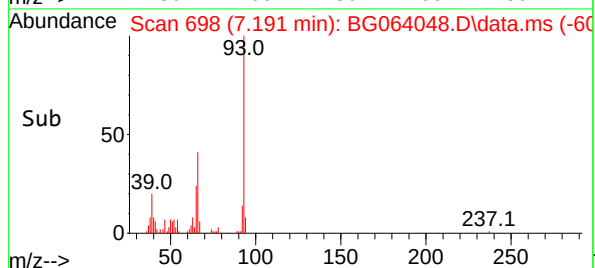
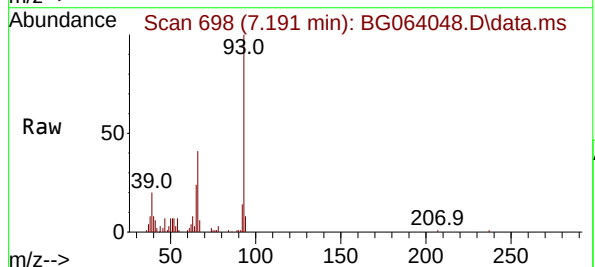
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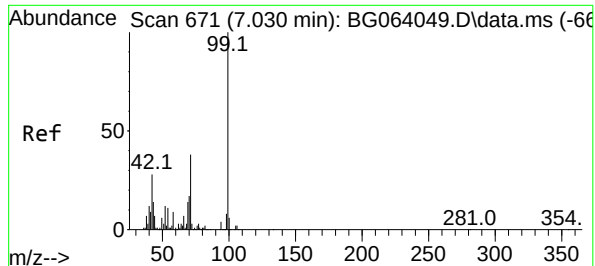
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#6  
Aniline  
Concen: 21.349 ng  
RT: 7.191 min Scan# 698  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

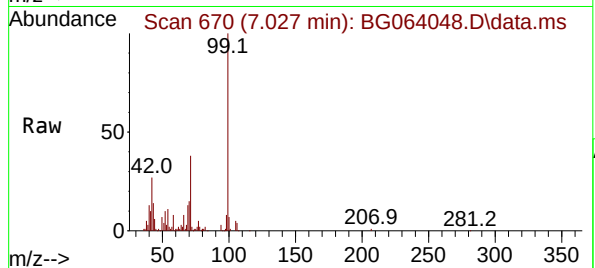
Tgt Ion: 93 Resp: 59532  
Ion Ratio Lower Upper  
93 100  
66 40.7 33.7 50.5  
65 24.4 19.1 28.7





#7  
Phenol-d6  
Concen: 41.181 ng  
RT: 7.027 min Scan# 671  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

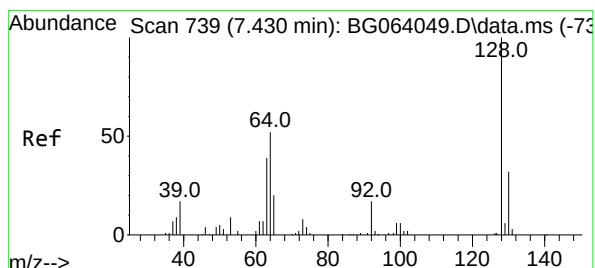
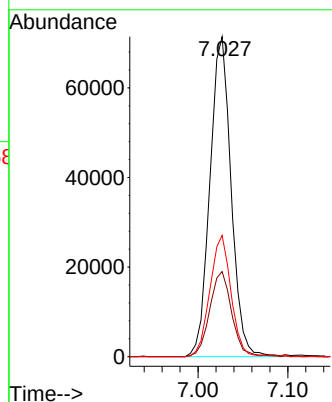
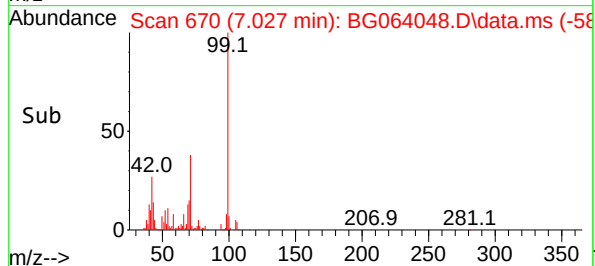
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion: 99 Resp: 117028  
Ion Ratio Lower Upper  
99 100  
42 26.6 22.7 34.1  
71 37.9 30.6 46.0

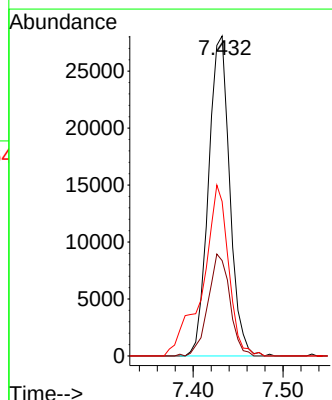
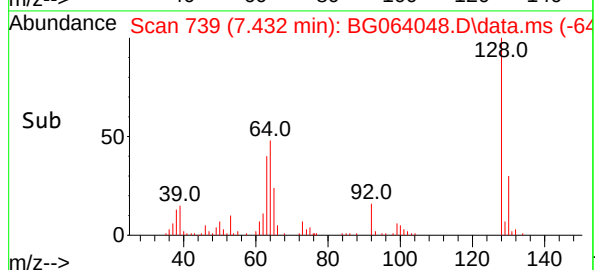
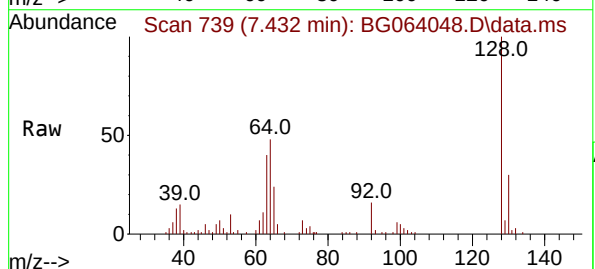
Manual Integrations  
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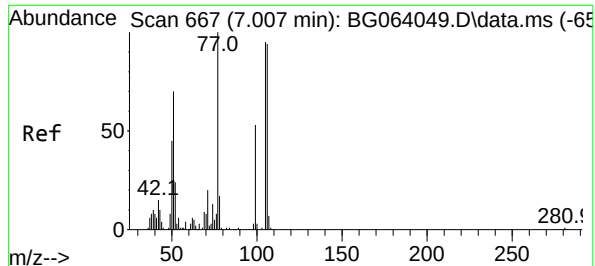
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#8  
2-Chlorophenol  
Concen: 20.527 ng  
RT: 7.432 min Scan# 739  
Delta R.T. 0.002 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

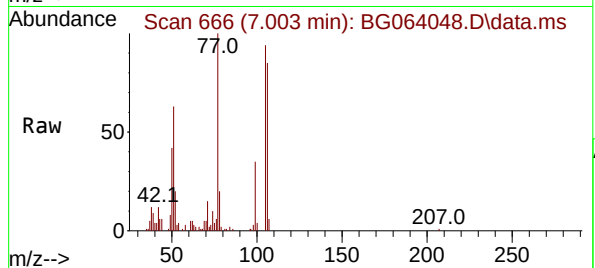
Tgt Ion:128 Resp: 46053  
Ion Ratio Lower Upper  
128 100  
130 29.8 12.3 52.3  
64 48.3 37.0 77.0





#9  
Benzaldehyde  
Concen: 22.246 ng m  
RT: 7.003 min Scan# 60  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

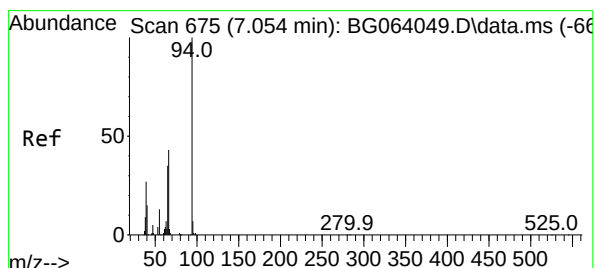
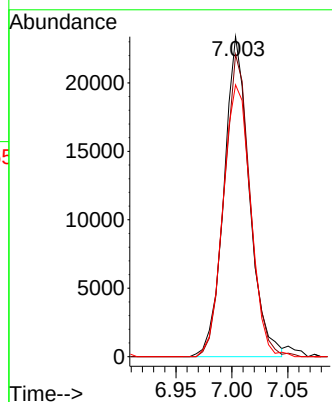
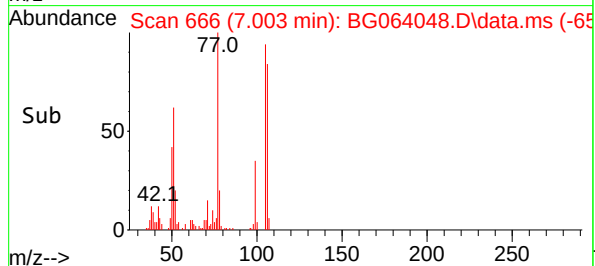
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion: 77 Resp: 36954  
Ion Ratio Lower Upper  
77 100  
105 94.5 75.5 115.5  
106 84.9 74.2 114.2

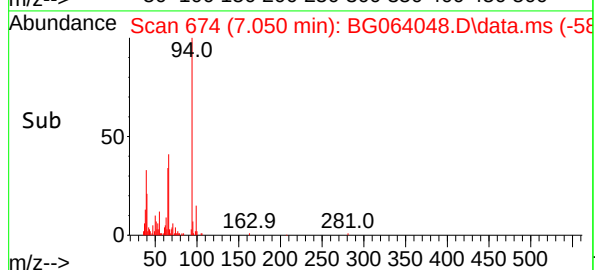
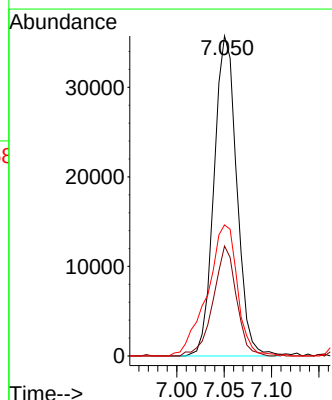
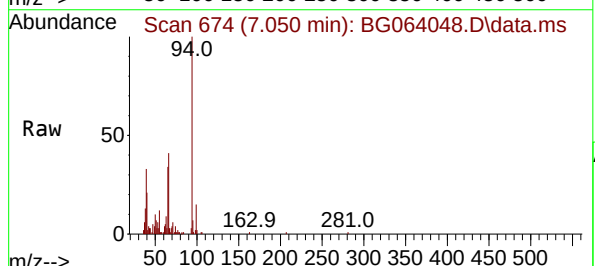
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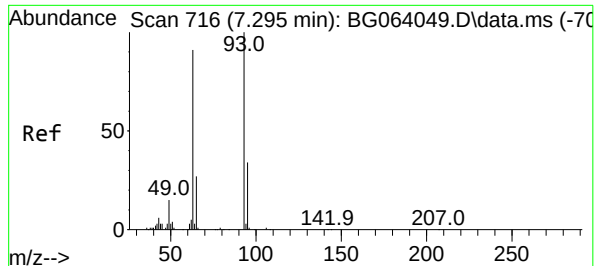
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#10  
Phenol  
Concen: 20.473 ng  
RT: 7.050 min Scan# 674  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

Tgt Ion: 94 Resp: 59566  
Ion Ratio Lower Upper  
94 100  
65 34.3 15.2 55.2  
66 41.0 25.1 65.1





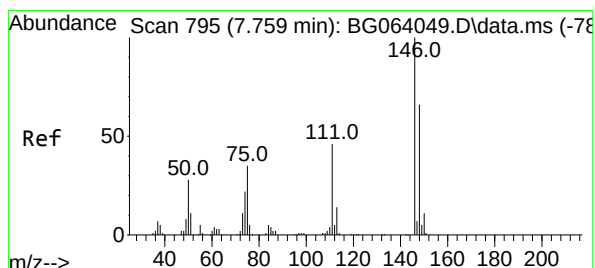
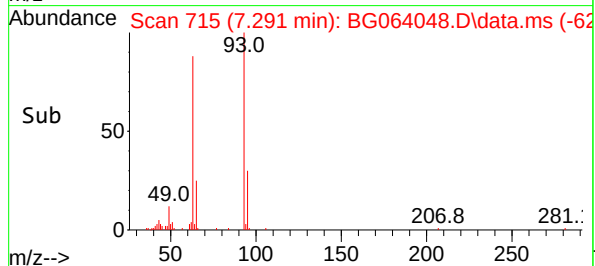
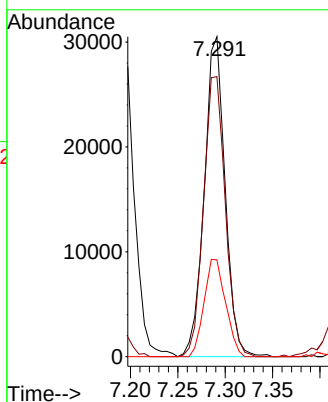
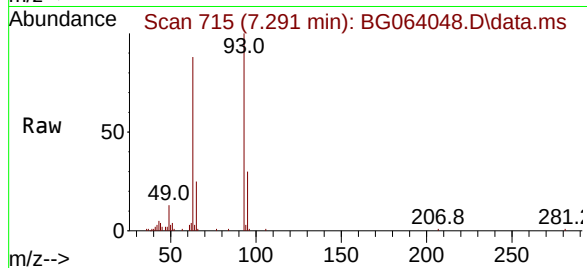
#11  
bis(2-Chloroethyl)ether  
Concen: 20.359 ng  
RT: 7.291 min Scan# 715  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

Tgt Ion: 93 Resp: 46439  
Ion Ratio Lower Upper  
93 100  
63 87.5 70.0 110.0  
95 30.2 13.7 53.7

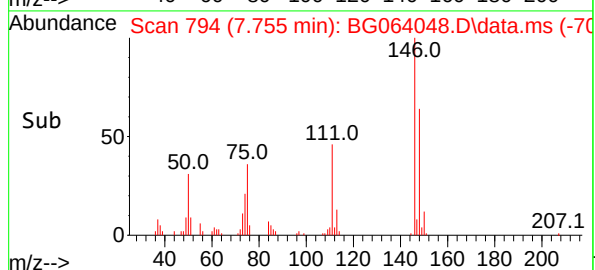
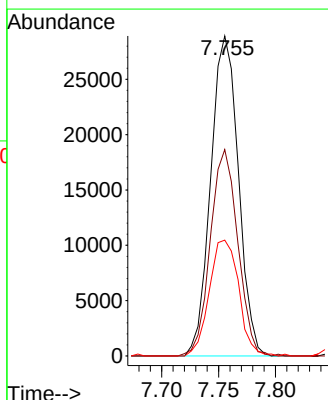
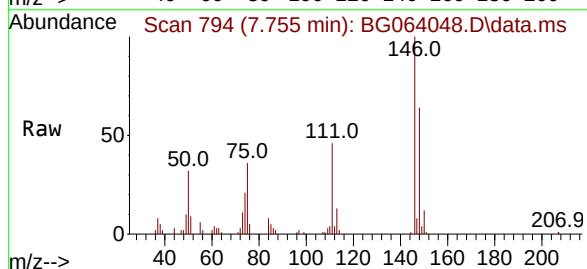
Manual Integrations  
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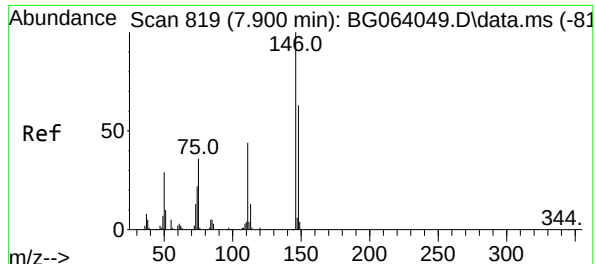
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#12  
1,3-Dichlorobenzene  
Concen: 19.871 ng  
RT: 7.755 min Scan# 794  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

Tgt Ion:146 Resp: 48956  
Ion Ratio Lower Upper  
146 100  
148 64.5 52.6 78.8  
75 36.2 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 20.757 ng

RT: 7.902 min Scan# 819

Delta R.T. 0.002 min

Lab File: BG064048.D

Acq: 5 Mar 2025 11:03

Instrument :

BNA\_G

ClientSampleId :

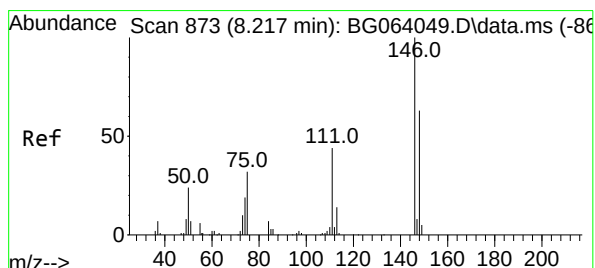
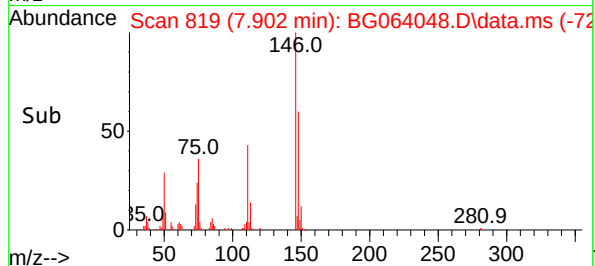
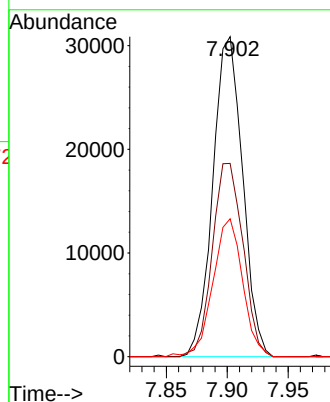
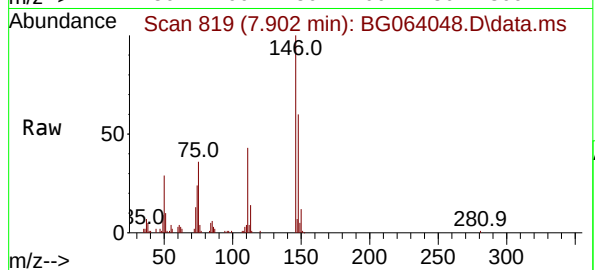
SSTDICC020

Tgt Ion:146 Resp: 52419  
Ion Ratio Lower Upper  
146 100  
148 60.4 50.6 75.8  
111 43.1 35.1 52.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#14

1,2-Dichlorobenzene

Concen: 20.663 ng

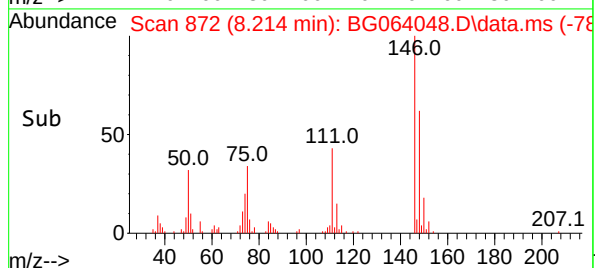
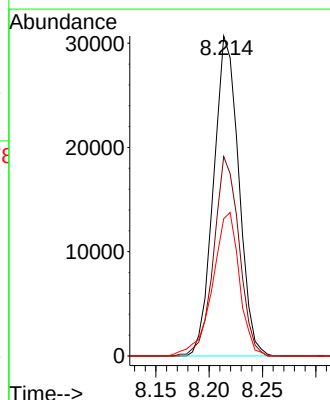
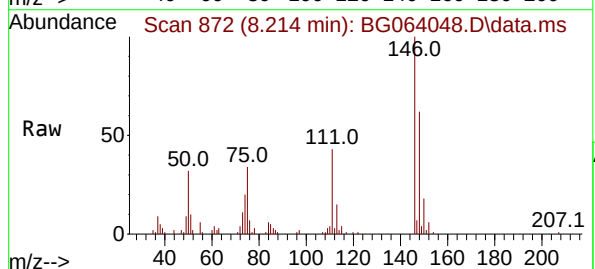
RT: 8.214 min Scan# 872

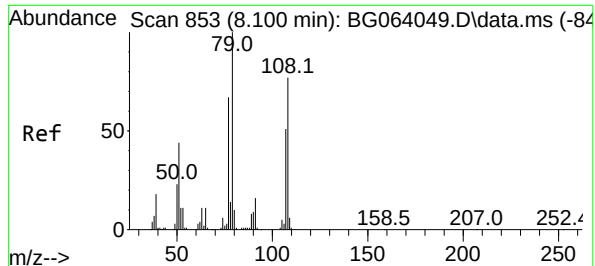
Delta R.T. -0.004 min

Lab File: BG064048.D

Acq: 5 Mar 2025 11:03

Tgt Ion:146 Resp: 50317  
Ion Ratio Lower Upper  
146 100  
148 62.3 50.2 75.2  
111 42.9 36.4 54.6





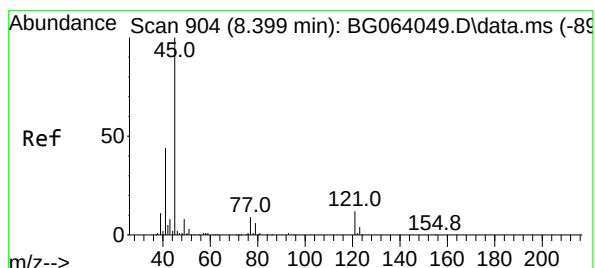
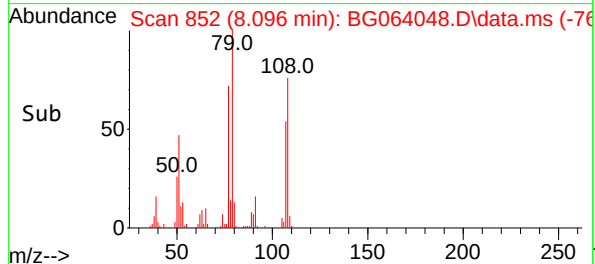
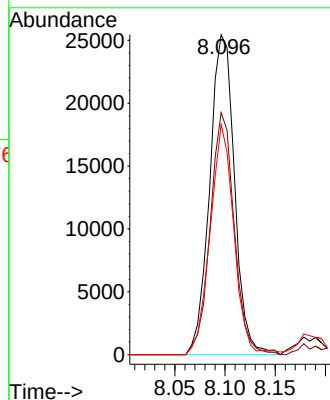
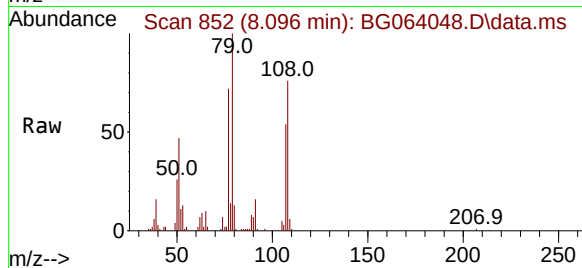
#15  
Benzyl Alcohol  
Concen: 19.946 ng  
RT: 8.096 min Scan# 80  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

Tgt Ion: 79 Resp: 4380  
Ion Ratio Lower Upper  
79 100  
108 75.6 61.7 92.5  
77 71.9 53.9 80.9

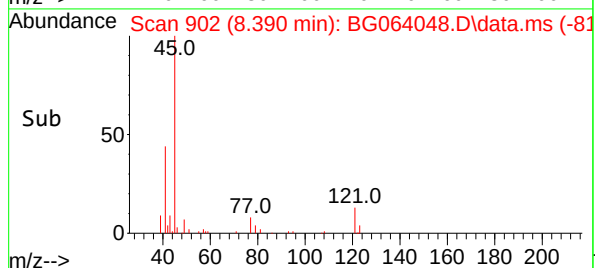
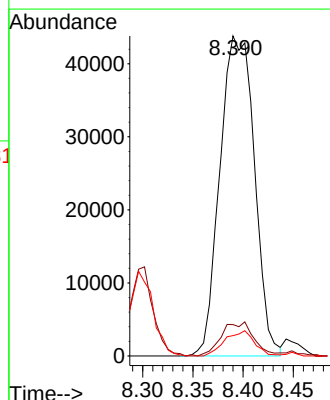
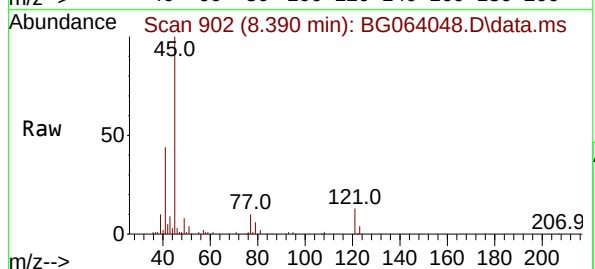
Manual Integrations  
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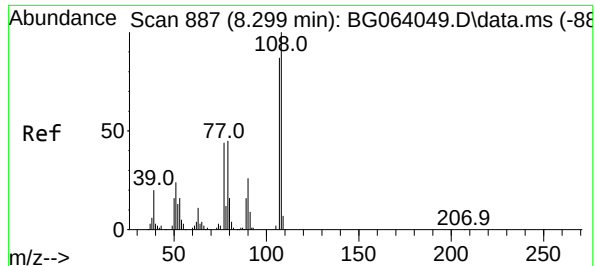
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 20.405 ng  
RT: 8.390 min Scan# 902  
Delta R.T. -0.009 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

Tgt Ion: 45 Resp: 104660  
Ion Ratio Lower Upper  
45 100  
77 9.8 0.0 29.0  
79 6.3 0.0 26.6





#17

2-Methylphenol

Concen: 19.883 ng

RT: 8.302 min Scan# 887

Delta R.T. 0.002 min

Lab File: BG064048.D

Acq: 5 Mar 2025 11:03

Instrument :

BNA\_G

ClientSampleId :

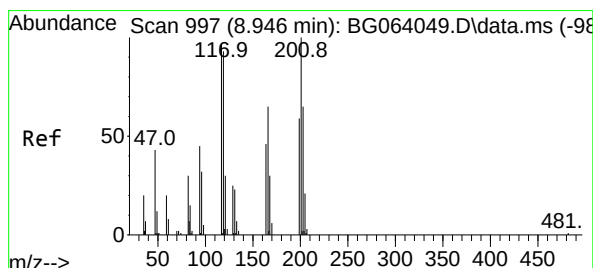
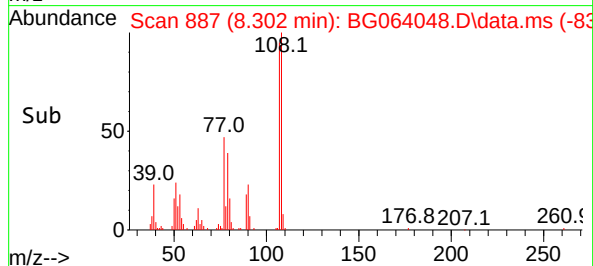
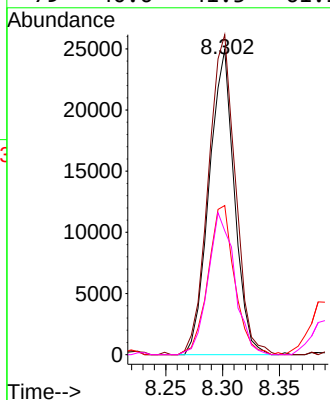
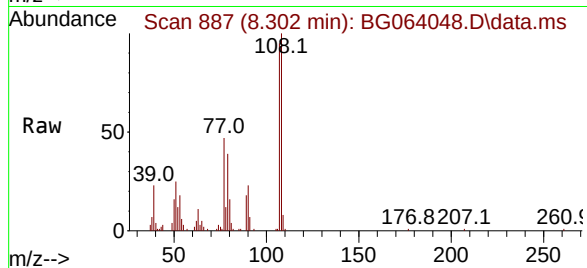
SSTDICC020

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 3839  |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 104.8 | 92.5  | 138.7 |
| 77       | 48.9  | 40.5  | 60.7  |
| 79       | 40.6  | 41.3  | 61.9  |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#18

Hexachloroethane

Concen: 19.194 ng

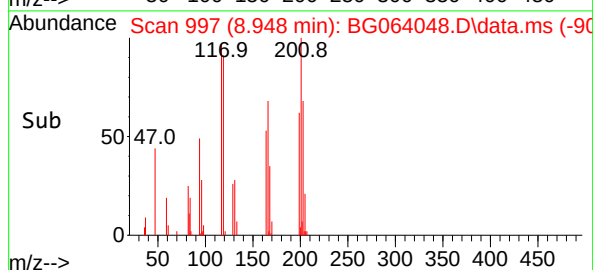
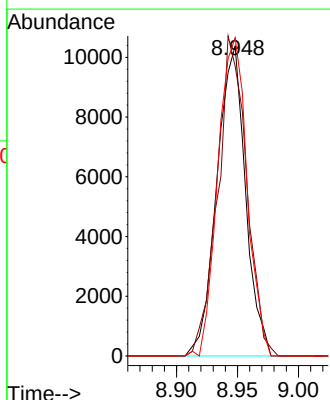
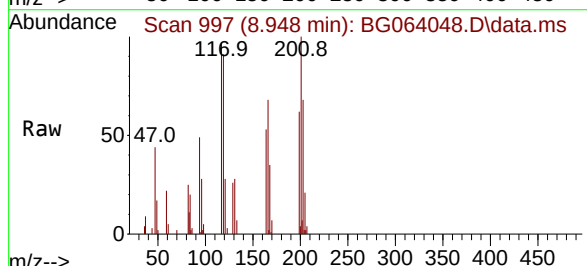
RT: 8.948 min Scan# 997

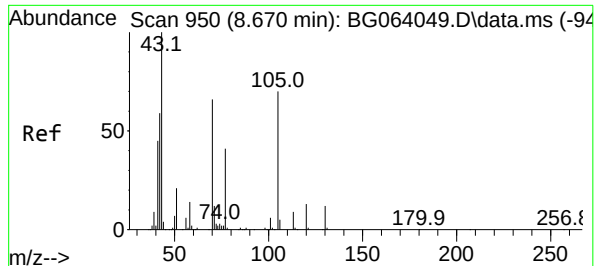
Delta R.T. 0.002 min

Lab File: BG064048.D

Acq: 5 Mar 2025 11:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 16959 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 93.5  | 76.2  | 114.2 |
| 201      | 102.7 | 81.5  | 122.3 |





#19

n-Nitroso-di-n-propylamine

Concen: 20.960 ng

RT: 8.666 min Scan# 949

Delta R.T. -0.004 min

Lab File: BG064048.D

Acq: 5 Mar 2025 11:03

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 4180

Ion Ratio Lower Upper

70 100

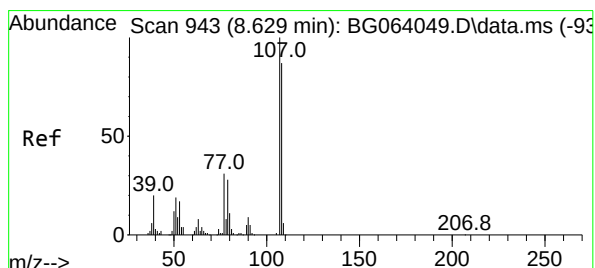
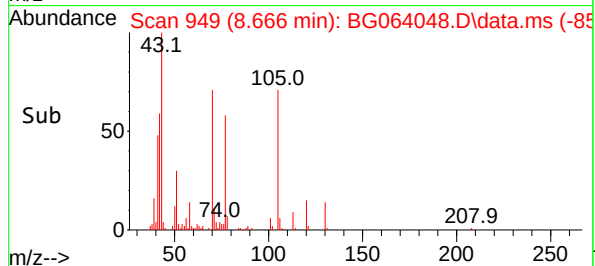
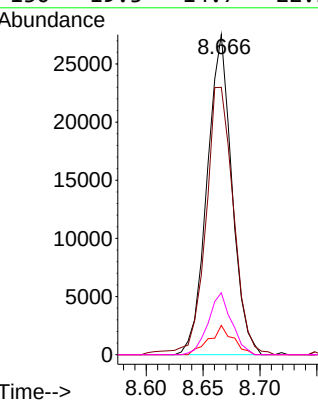
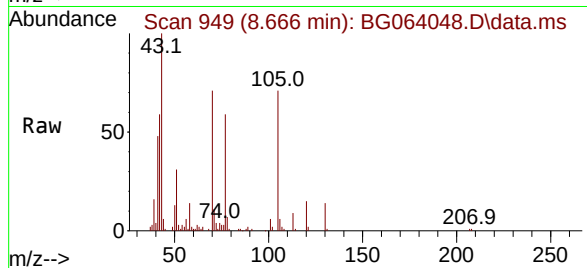
42 83.5 72.1 108.1

101 9.2 7.2 10.8

130 19.3 14.7 22.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

#20

3+4-Methylphenols

Concen: 20.102 ng

RT: 8.625 min Scan# 942

Delta R.T. -0.004 min

Lab File: BG064048.D

Acq: 5 Mar 2025 11:03

Tgt Ion:107 Resp: 53440

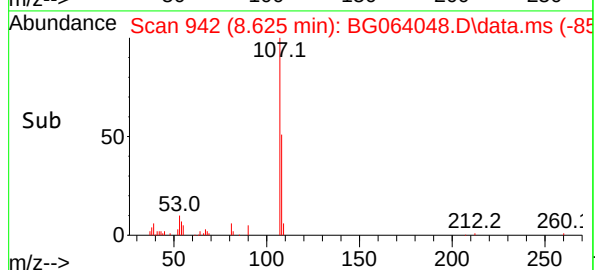
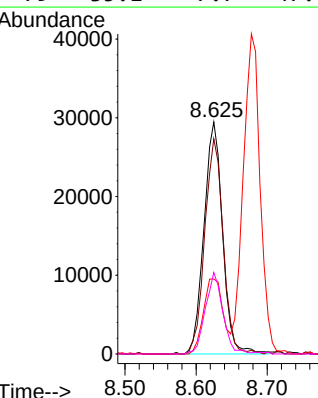
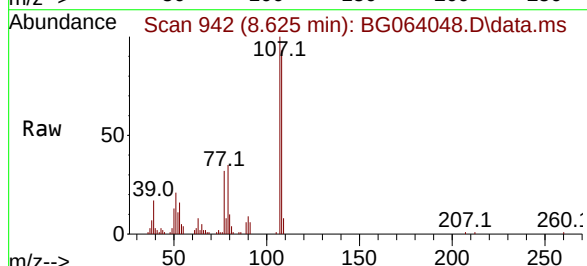
Ion Ratio Lower Upper

107 100

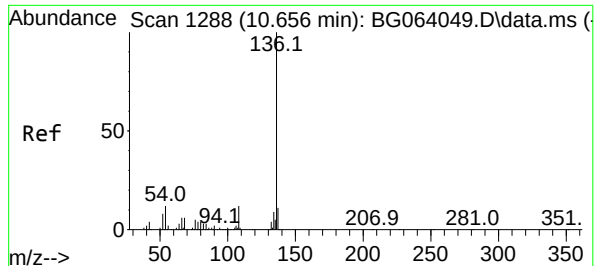
108 92.8 67.0 107.0

77 32.3 11.2 51.2

79 35.1 7.7 47.7

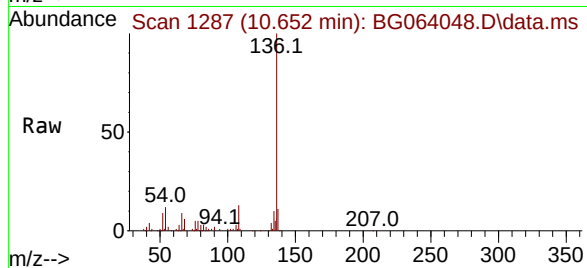






#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.652 min Scan# 1287  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

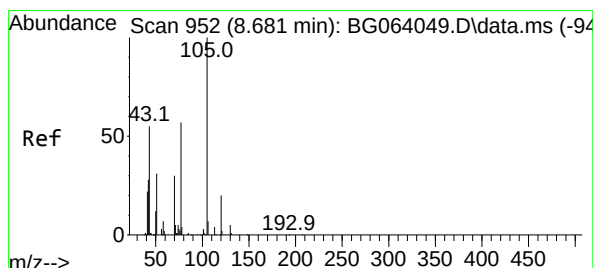
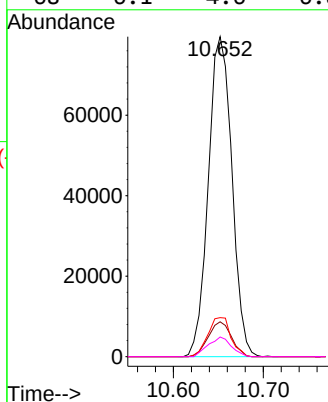
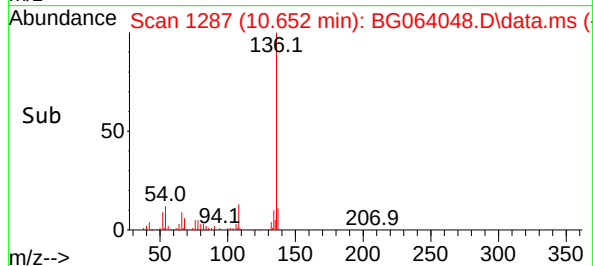
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion:136 Resp: 14508  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.5 12.7  
54 12.2 9.9 14.9  
68 6.1 4.6 6.8

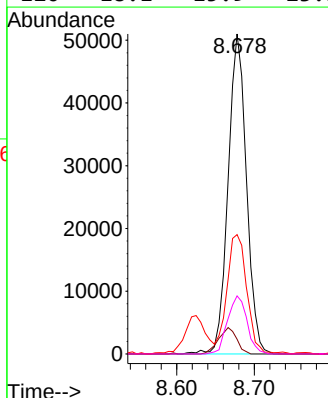
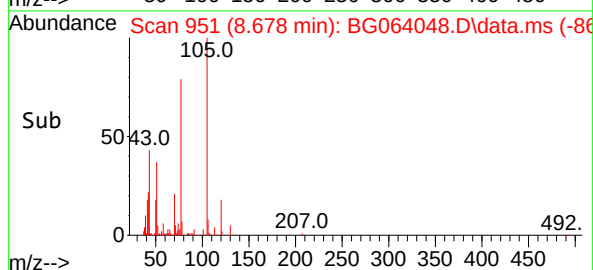
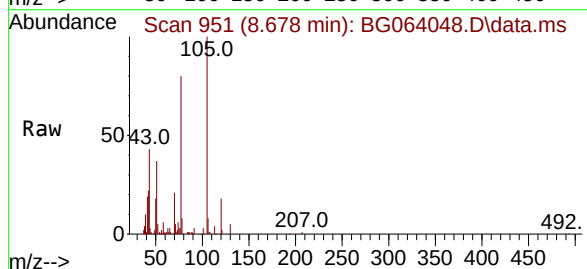
Manual Integrations  
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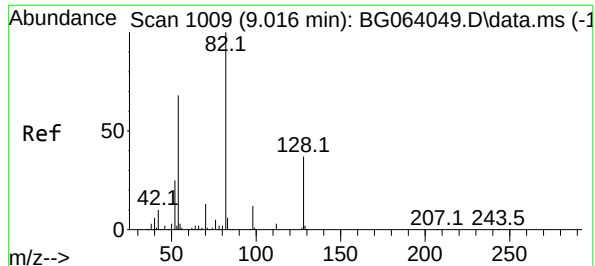
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#22  
Acetophenone  
Concen: 21.140 ng  
RT: 8.678 min Scan# 951  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

Tgt Ion:105 Resp: 84092  
Ion Ratio Lower Upper  
105 100  
71 4.6 4.2 6.4  
51 37.3 33.3 49.9  
120 18.1 15.9 23.9





#23

Nitrobenzene-d5

Concen: 39.746 ng

RT: 9.013 min Scan# 1008

Delta R.T. -0.004 min

Lab File: BG064048.D

Acq: 5 Mar 2025 11:03

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 10434

Ion Ratio Lower Upper

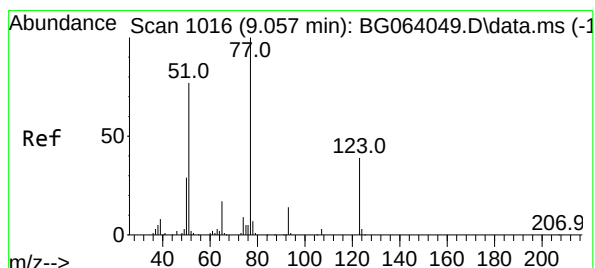
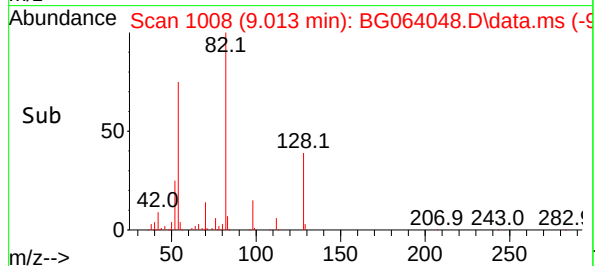
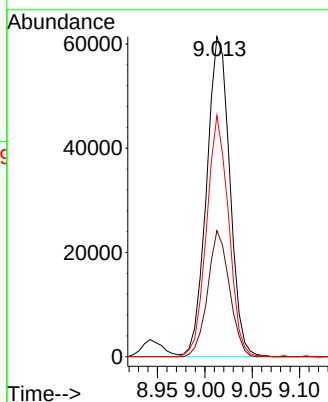
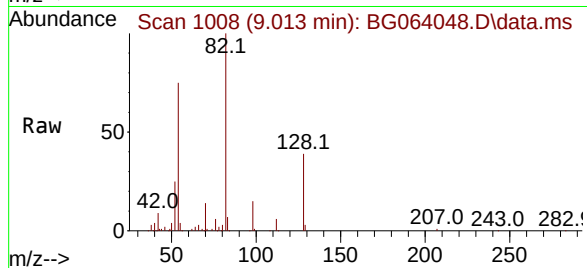
82 100

128 39.4 30.0 45.0

54 75.3 54.7 82.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

#24

Nitrobenzene

Concen: 20.828 ng

RT: 9.060 min Scan# 1016

Delta R.T. 0.002 min

Lab File: BG064048.D

Acq: 5 Mar 2025 11:03

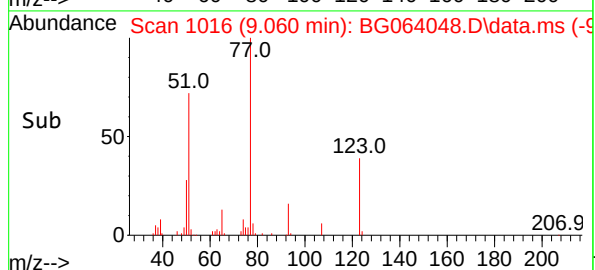
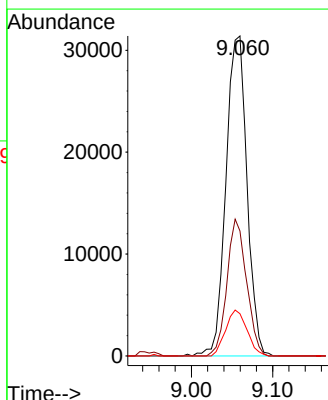
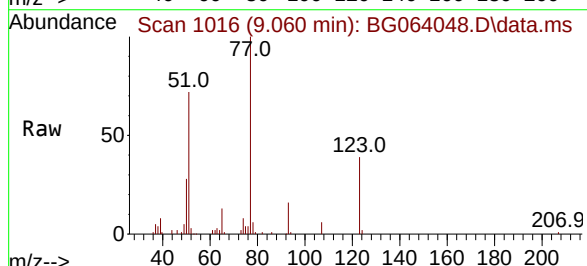
Tgt Ion: 77 Resp: 56511

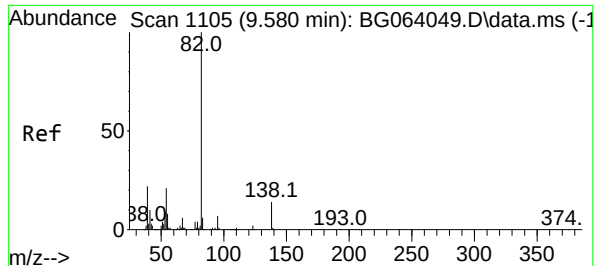
Ion Ratio Lower Upper

77 100

123 39.1 31.4 47.2

65 13.2 13.4 20.0#





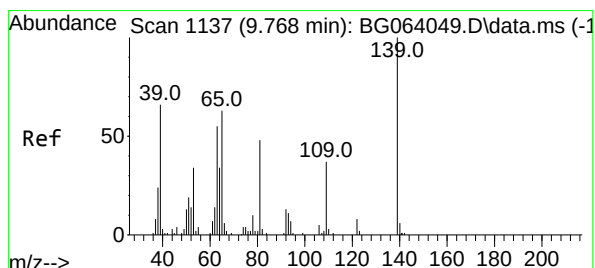
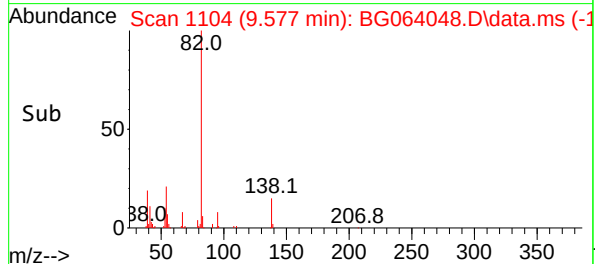
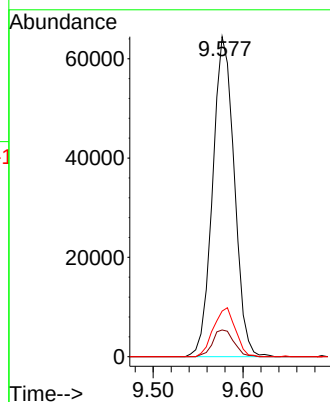
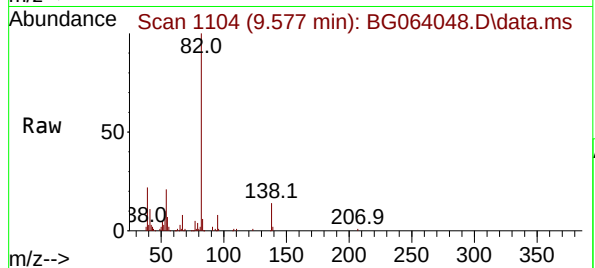
#25  
Isophorone  
Concen: 20.530 ng  
RT: 9.577 min Scan# 1105  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

Tgt Ion: 82 Resp: 10788  
Ion Ratio Lower Upper  
82 100  
95 8.3 5.8 8.8  
138 14.3 10.9 16.3

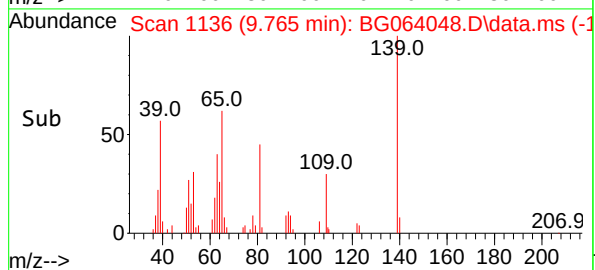
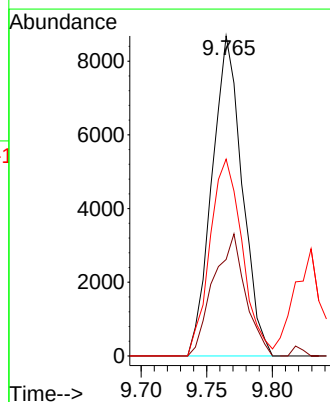
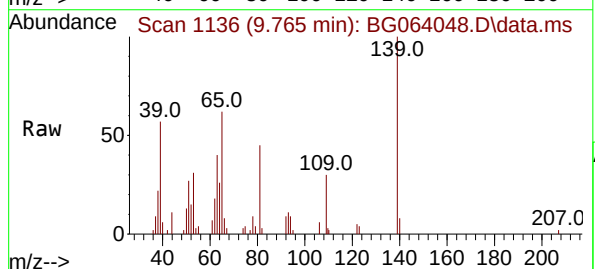
Manual Integrations  
APPROVED

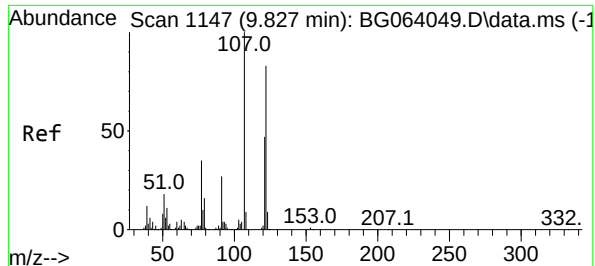
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#26  
2-Nitrophenol  
Concen: 18.663 ng  
RT: 9.765 min Scan# 1136  
Delta R.T. -0.003 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

Tgt Ion:139 Resp: 13886  
Ion Ratio Lower Upper  
139 100  
109 33.1 29.9 44.9  
65 61.5 50.6 76.0





#27

2,4-Dimethylphenol

Concen: 20.322 ng

RT: 9.824 min Scan# 1146

Delta R.T. -0.004 min

Lab File: BG064048.D

Acq: 5 Mar 2025 11:03

Instrument :

BNA\_G

ClientSampleId :

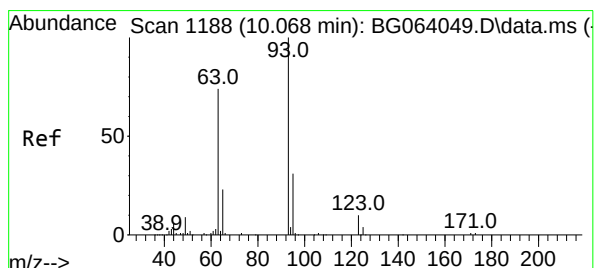
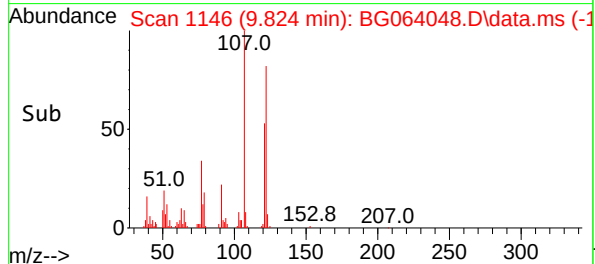
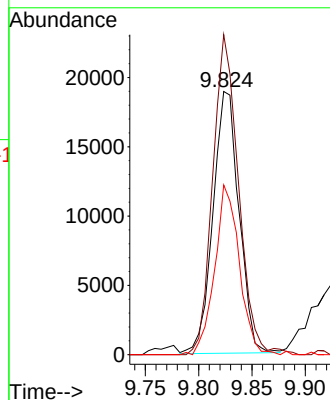
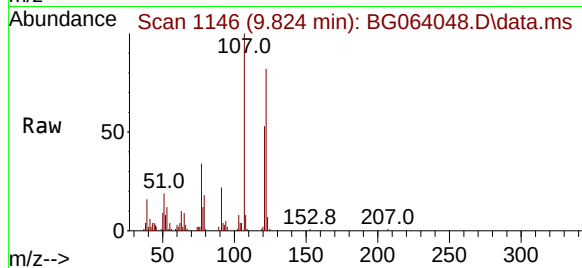
SSTDICC020

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 122   | Resp: | 3201  |
| Ion Ratio | Lower | Upper |       |
| 122       | 100   |       |       |
| 107       | 121.6 | 95.4  | 143.0 |
| 121       | 64.5  | 44.9  | 67.3  |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#28

bis(2-Chloroethoxy)methane

Concen: 21.327 ng

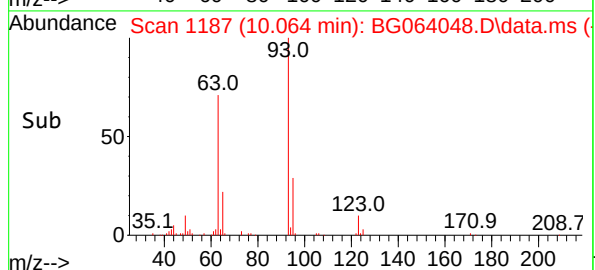
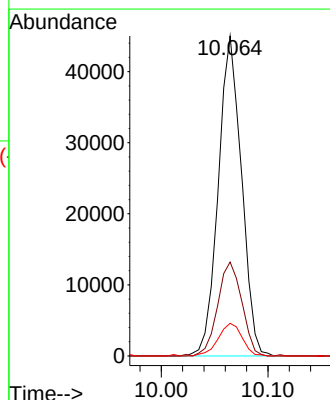
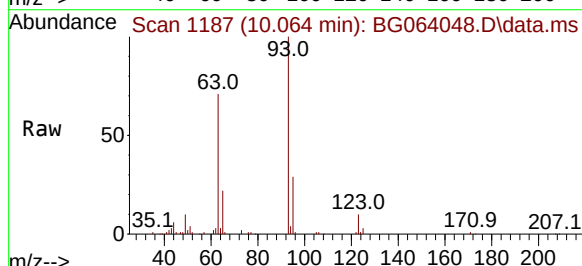
RT: 10.064 min Scan# 1187

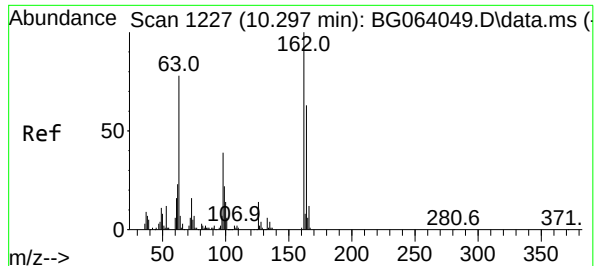
Delta R.T. -0.004 min

Lab File: BG064048.D

Acq: 5 Mar 2025 11:03

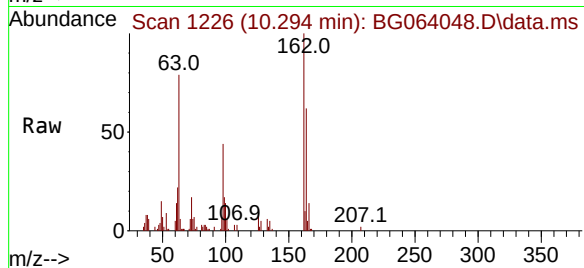
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 67945 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 95        | 29.3  | 25.0  | 37.4  |
| 123       | 10.2  | 7.6   | 11.4  |





#29  
2,4-Dichlorophenol  
Concen: 20.475 ng  
RT: 10.294 min Scan# 1226  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

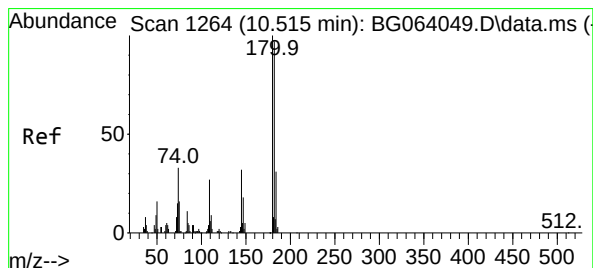
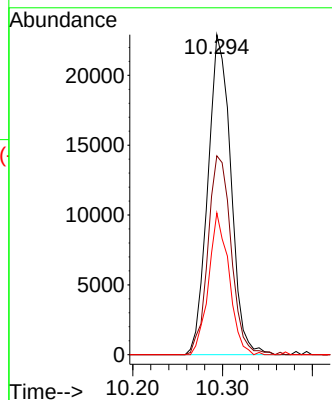
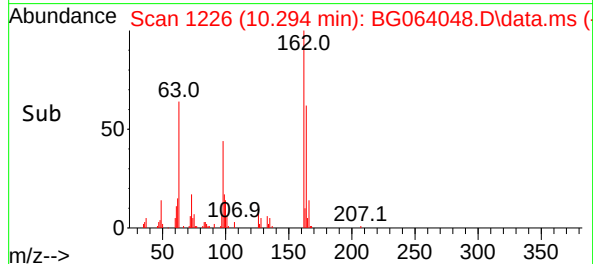
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion:162 Resp: 40728  
Ion Ratio Lower Upper  
162 100  
164 62.2 42.8 82.8  
98 44.3 19.1 59.1

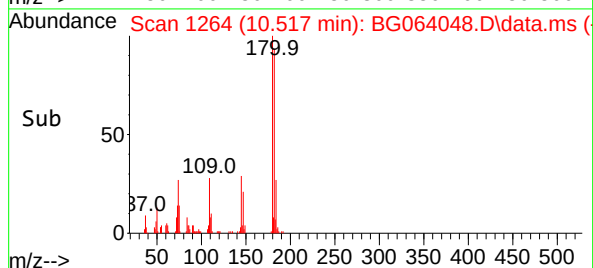
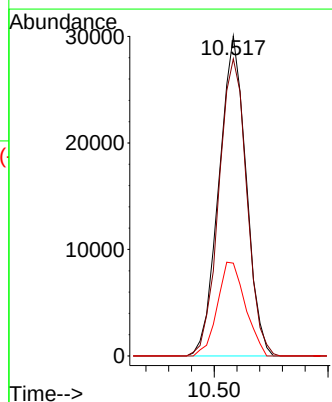
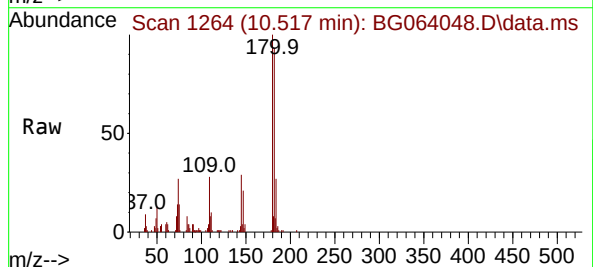
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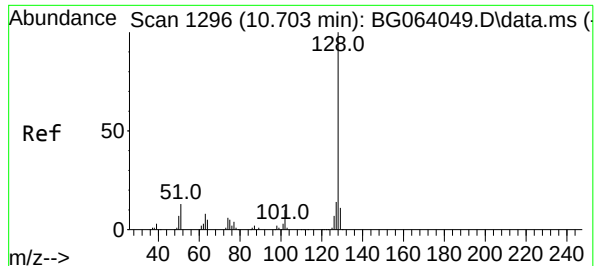
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#30  
1,2,4-Trichlorobenzene  
Concen: 20.698 ng  
RT: 10.517 min Scan# 1264  
Delta R.T. 0.002 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

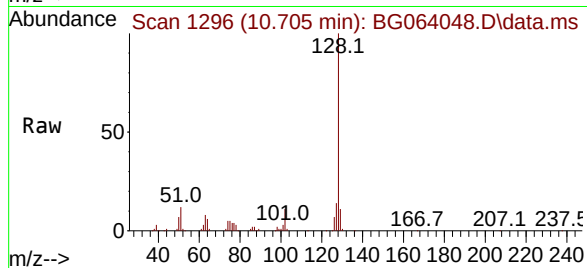
Tgt Ion:180 Resp: 49701  
Ion Ratio Lower Upper  
180 100  
182 92.8 77.3 115.9  
145 29.0 25.2 37.8





#31  
Naphthalene  
Concen: 20.654 ng  
RT: 10.705 min Scan# 1164  
Delta R.T. 0.002 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

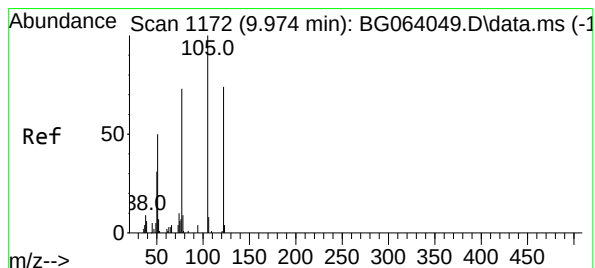
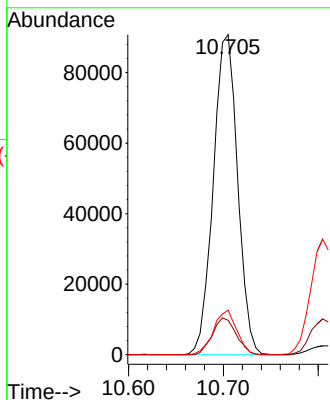
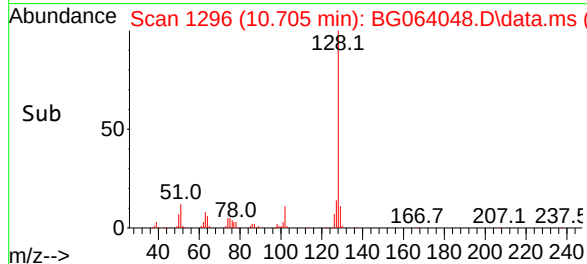
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion:128 Resp: 16158  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.4 12.6  
127 13.9 11.1 16.7

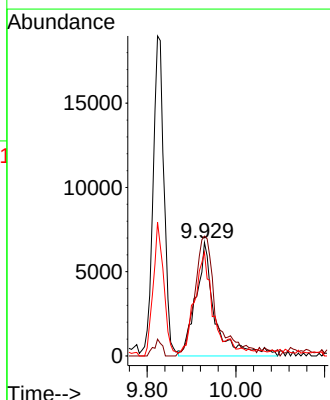
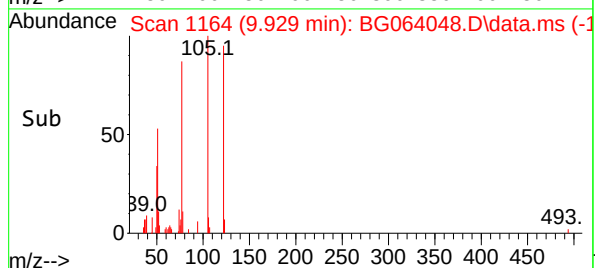
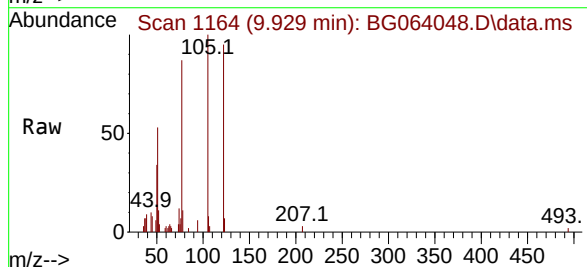
Manual Integrations  
APPROVED

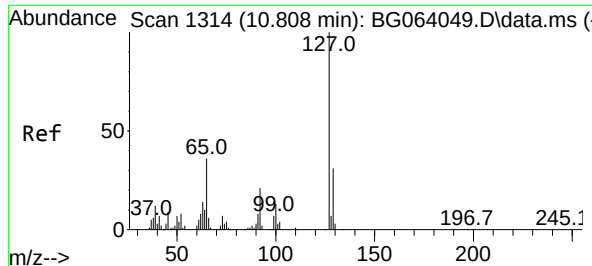
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#32  
Benzoic acid  
Concen: 20.131 ng m  
RT: 9.929 min Scan# 1164  
Delta R.T. -0.045 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

Tgt Ion:122 Resp: 20223  
Ion Ratio Lower Upper  
122 100  
105 105.6 115.0 155.0#  
77 91.5 80.9 120.9





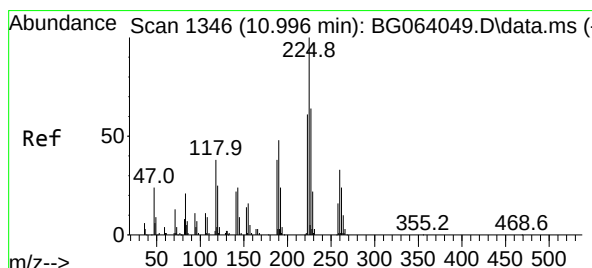
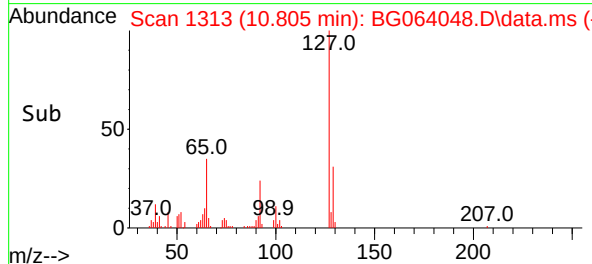
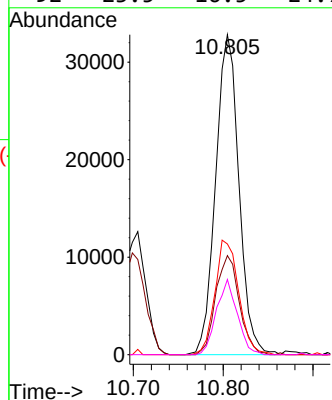
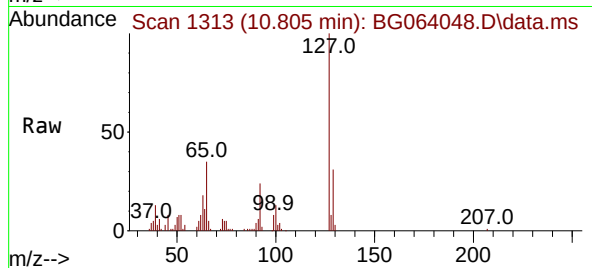
#33  
4-Chloroaniline  
Concen: 20.668 ng  
RT: 10.805 min Scan# 1313  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 5909  |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 30.9  | 25.0  | 37.4  |
| 65       | 34.6  | 28.5  | 42.7  |
| 92       | 23.5  | 16.5  | 24.7  |

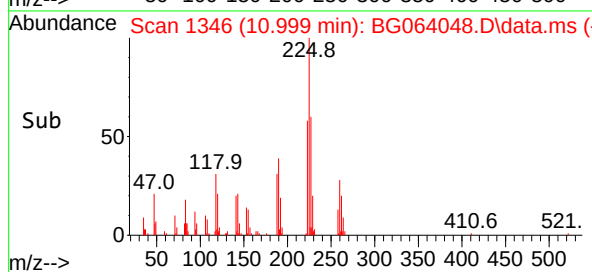
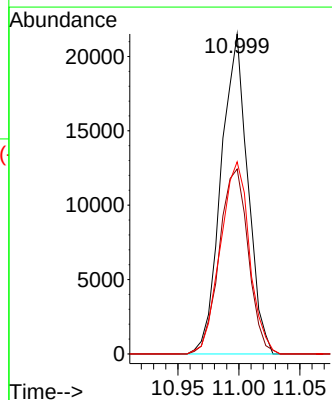
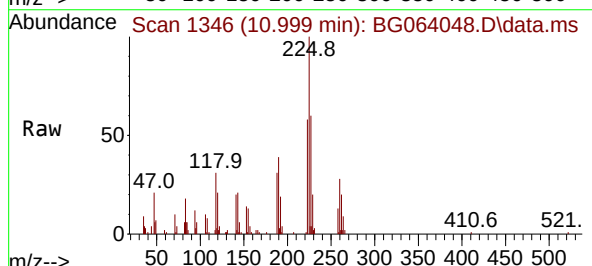
Manual Integrations  
APPROVED

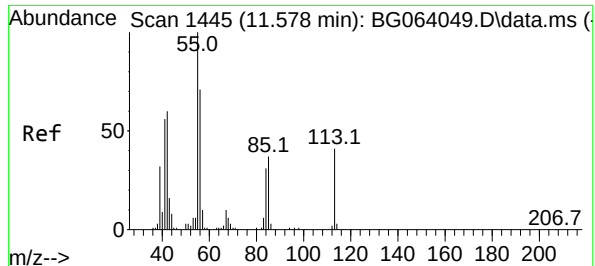
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#34  
Hexachlorobutadiene  
Concen: 20.760 ng  
RT: 10.999 min Scan# 1346  
Delta R.T. 0.002 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 32675 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 57.8  | 48.5  | 72.7  |
| 227      | 60.1  | 51.0  | 76.6  |





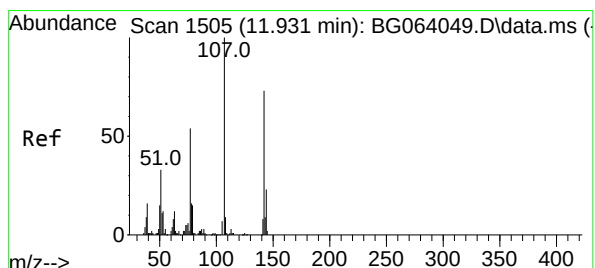
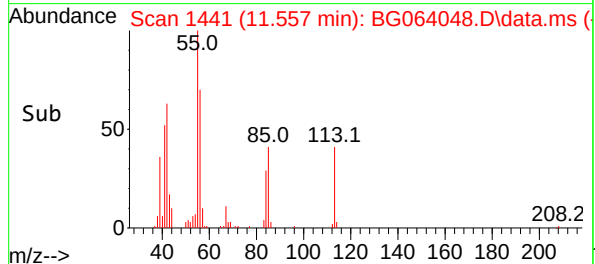
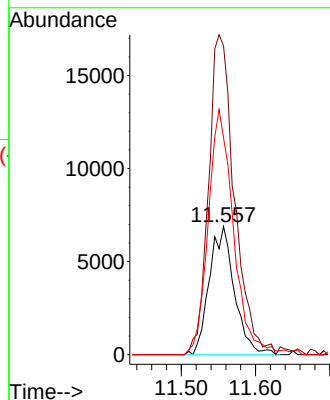
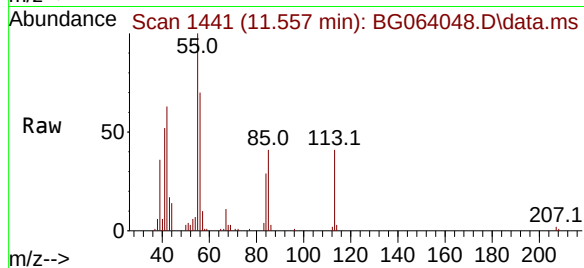
#35  
Caprolactam  
Concen: 21.319 ng  
RT: 11.557 min Scan# 1441  
Delta R.T. -0.021 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

Tgt Ion:113 Resp: 1625  
Ion Ratio Lower Upper  
113 100  
55 241.0 225.2 265.2  
56 169.2 153.4 193.4

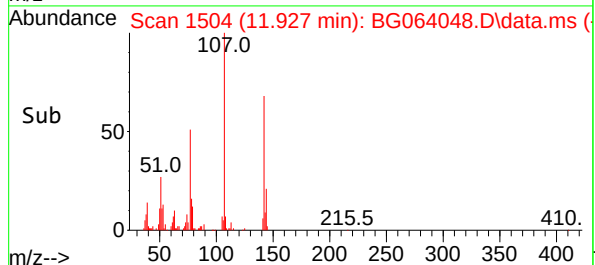
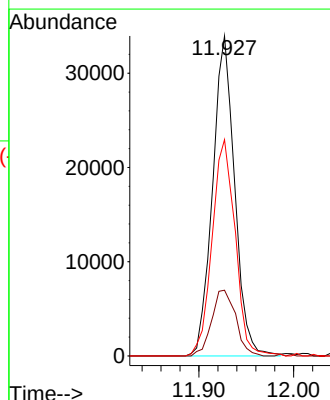
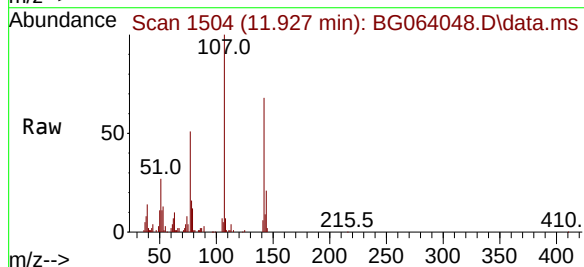
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

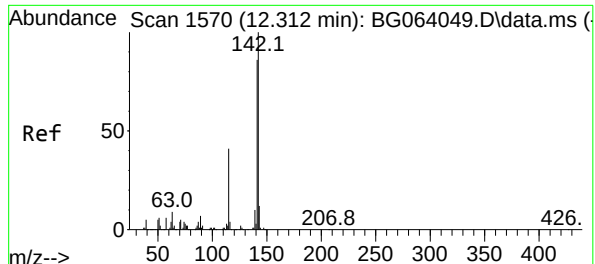


#36  
4-Chloro-3-methylphenol  
Concen: 21.103 ng  
RT: 11.927 min Scan# 1504  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

Tgt Ion:107 Resp: 55024  
Ion Ratio Lower Upper  
107 100  
144 20.5 18.6 28.0  
142 67.6 58.0 87.0

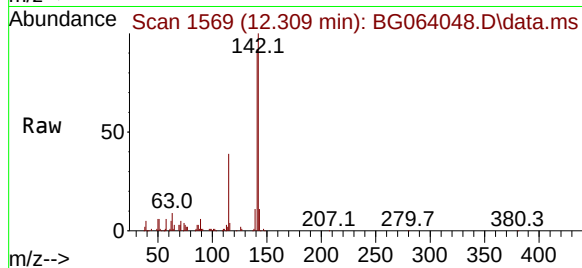






#37  
2-Methylnaphthalene  
Concen: 20.696 ng  
RT: 12.309 min Scan# 1569  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

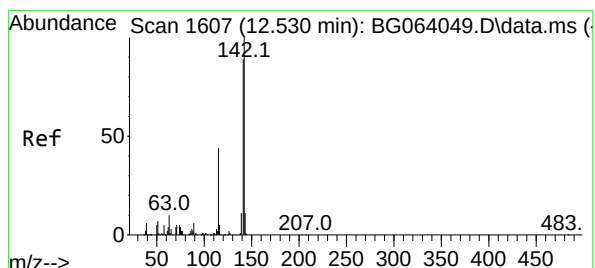
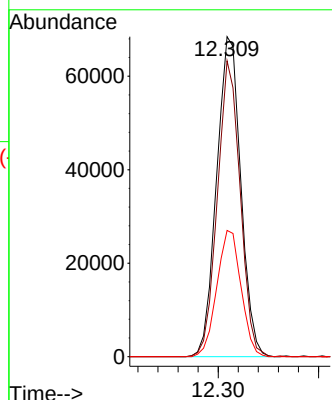
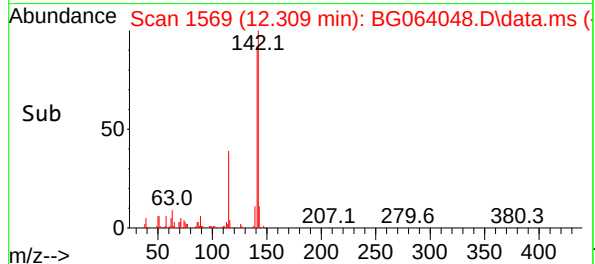
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion:142 Resp: 11430  
Ion Ratio Lower Upper  
142 100  
141 92.5 68.6 103.0  
115 39.4 32.8 49.2

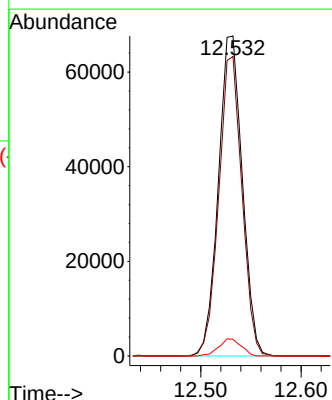
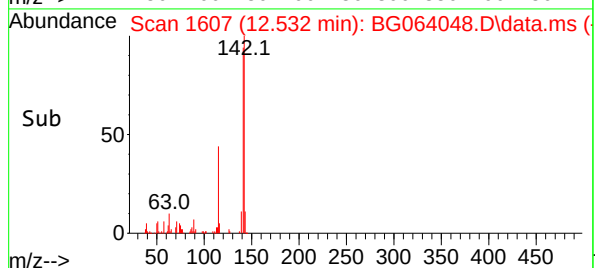
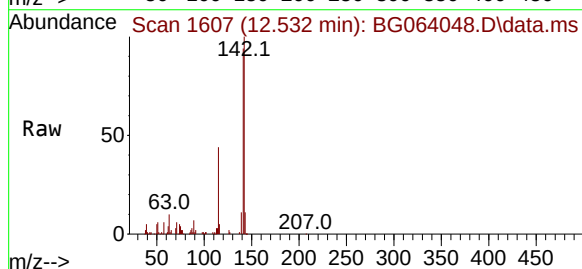
Manual Integrations  
APPROVED

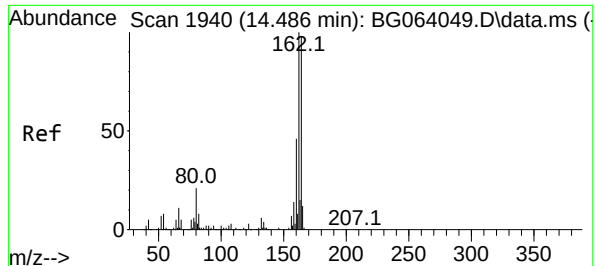
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#38  
1-Methylnaphthalene  
Concen: 20.668 ng  
RT: 12.532 min Scan# 1607  
Delta R.T. 0.002 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

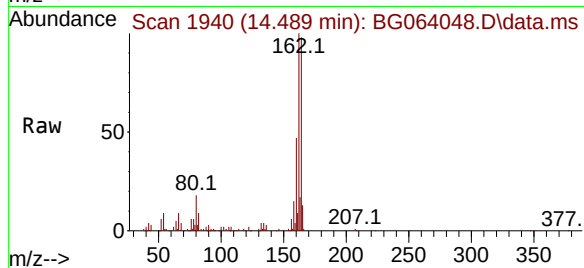
Tgt Ion:142 Resp: 111828  
Ion Ratio Lower Upper  
142 100  
141 93.6 71.2 106.8  
116 5.2 3.6 5.4





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.489 min Scan# 1940  
Delta R.T. 0.003 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

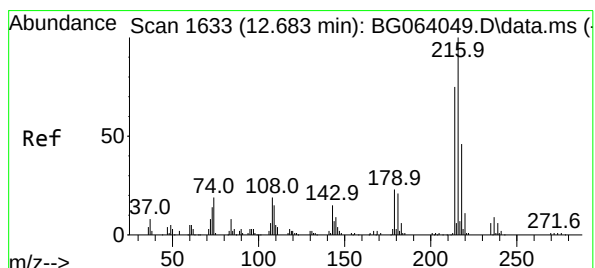
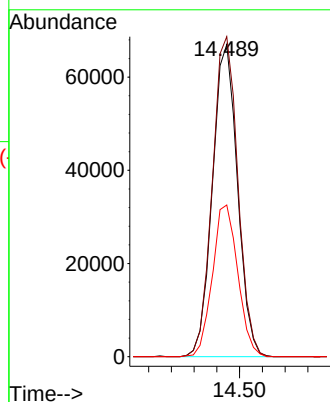
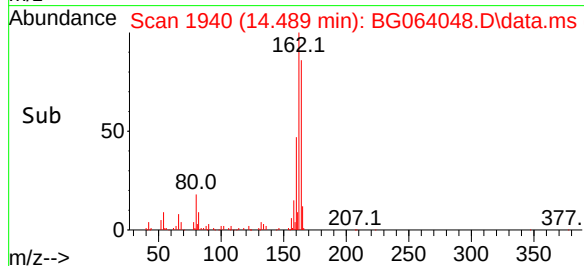
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



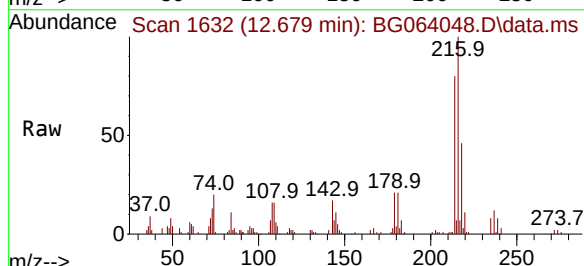
Tgt Ion:164 Resp: 102335  
Ion Ratio Lower Upper  
164 100  
162 102.5 81.4 122.0  
160 48.6 37.0 55.6

Manual Integrations  
APPROVED

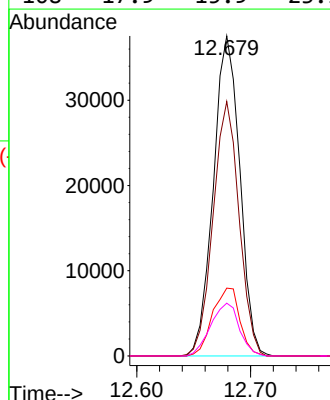
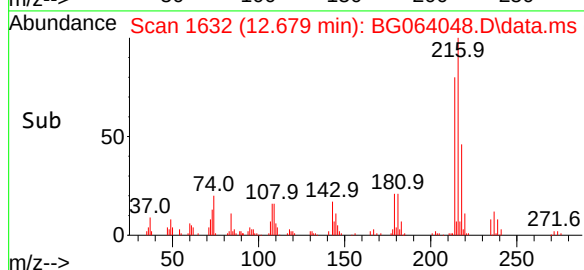
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

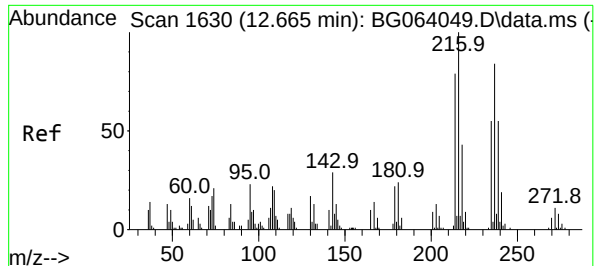


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 20.727 ng  
RT: 12.679 min Scan# 1632  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03



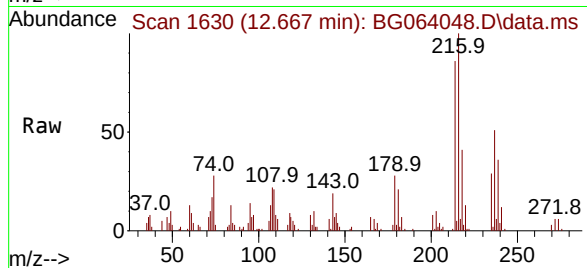
Tgt Ion:216 Resp: 60556  
Ion Ratio Lower Upper  
216 100  
214 78.2 61.7 92.5  
179 22.0 17.9 26.9  
108 17.9 15.9 23.9





#41  
Hexachlorocyclopentadiene  
Concen: 20.029 ng  
RT: 12.667 min Scan# 1630  
Delta R.T. 0.002 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

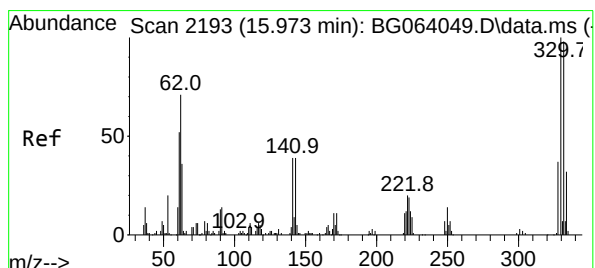
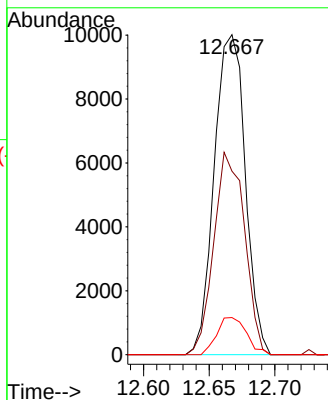
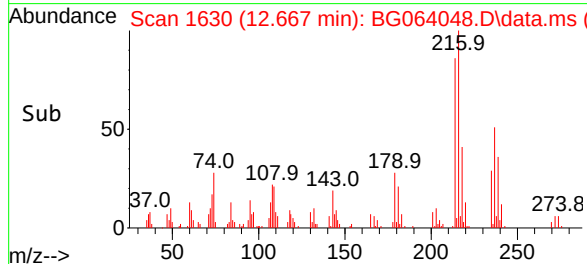
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



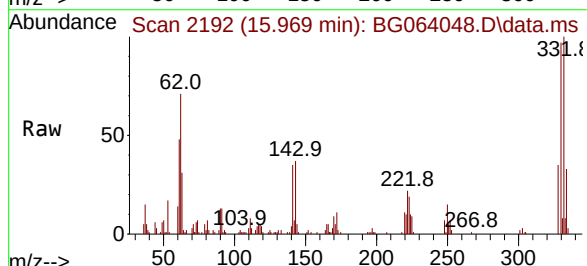
Tgt Ion:237 Resp: 16470  
Ion Ratio Lower Upper  
237 100  
235 57.4 46.0 86.0  
272 11.6 0.0 32.8

Manual Integrations  
APPROVED

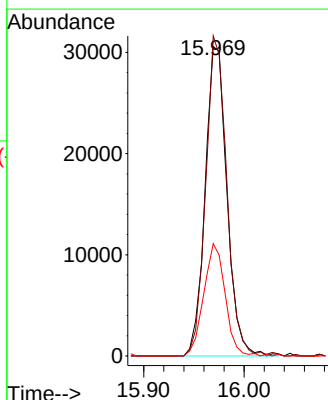
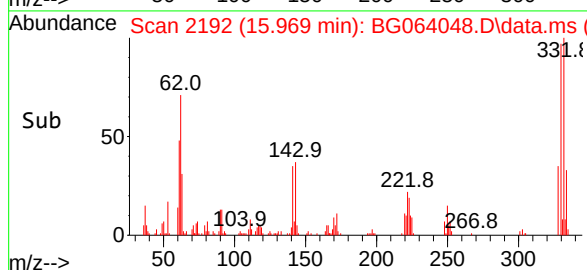
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

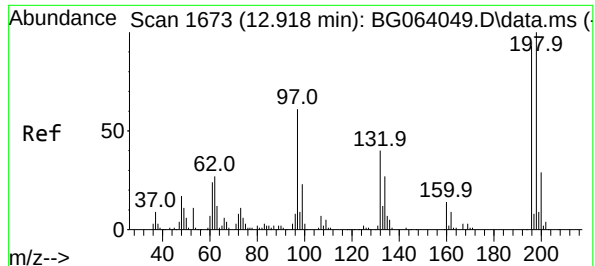


#42  
2,4,6-Tribromophenol  
Concen: 40.723 ng  
RT: 15.969 min Scan# 2192  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03



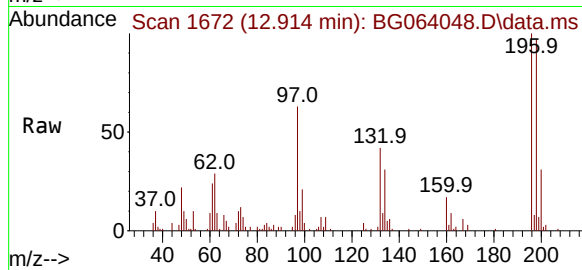
Tgt Ion:330 Resp: 46324  
Ion Ratio Lower Upper  
330 100  
332 99.8 76.7 115.1  
141 35.7 29.7 44.5





#43  
2,4,6-Trichlorophenol  
Concen: 20.264 ng  
RT: 12.914 min Scan# 1672  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

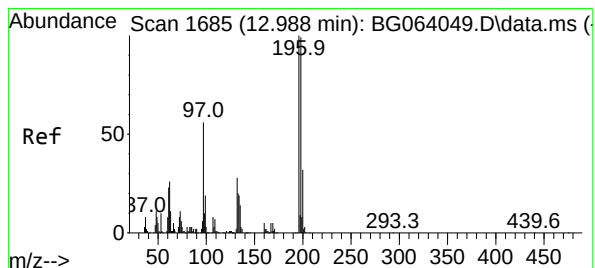
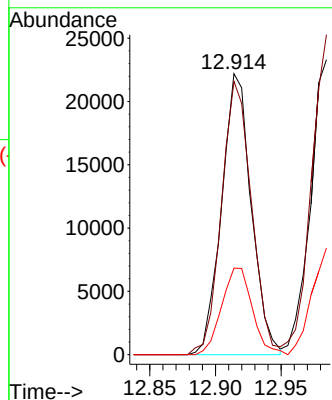
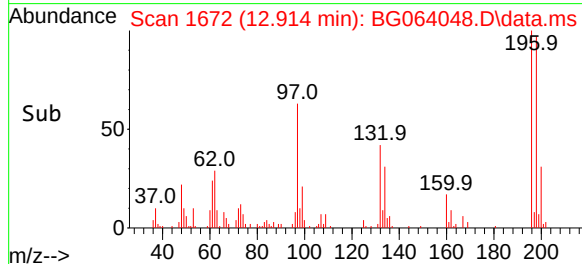
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion:196 Resp: 3489  
Ion Ratio Lower Upper  
196 100  
198 97.3 85.6 128.4  
200 30.8 24.6 37.0

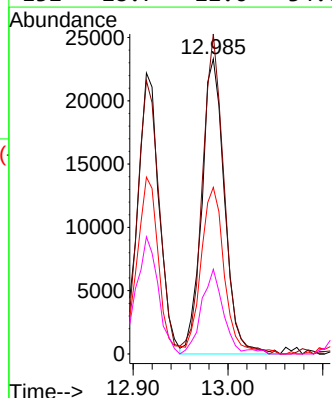
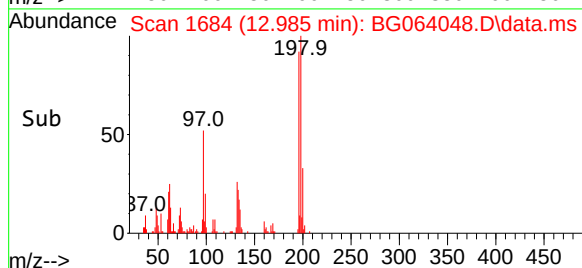
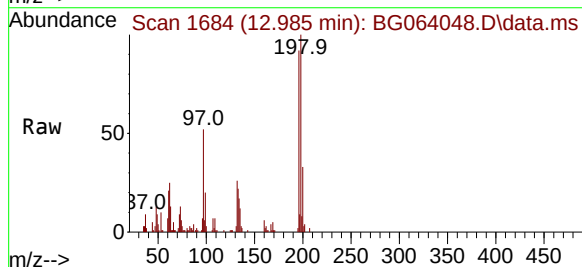
Manual Integrations  
APPROVED

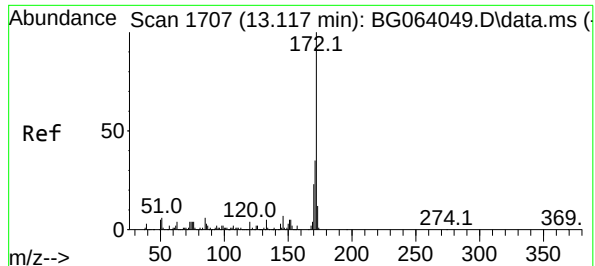
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#44  
2,4,5-Trichlorophenol  
Concen: 20.381 ng  
RT: 12.985 min Scan# 1684  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

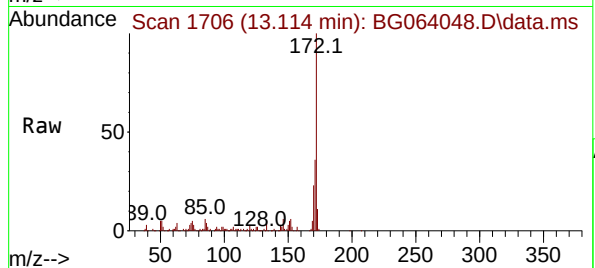
Tgt Ion:196 Resp: 38995  
Ion Ratio Lower Upper  
196 100  
198 108.4 79.5 119.3  
97 56.4 45.2 67.8  
132 28.7 22.6 34.0





#45  
2-Fluorobiphenyl  
Concen: 41.267 ng  
RT: 13.114 min Scan# 1706  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

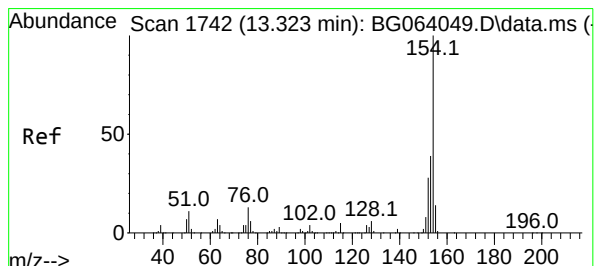
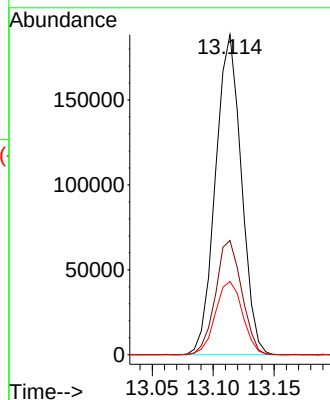
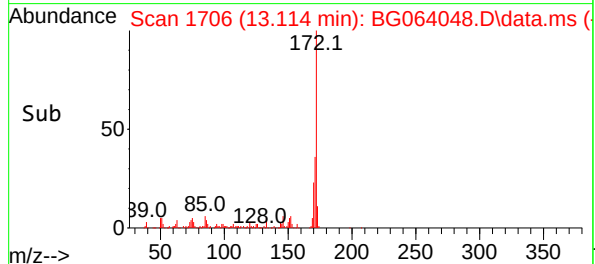
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion:172 Resp: 278220  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.0 42.0  
170 22.9 18.7 28.1

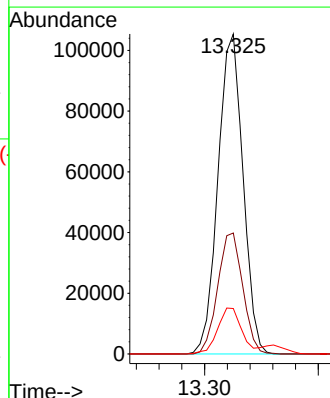
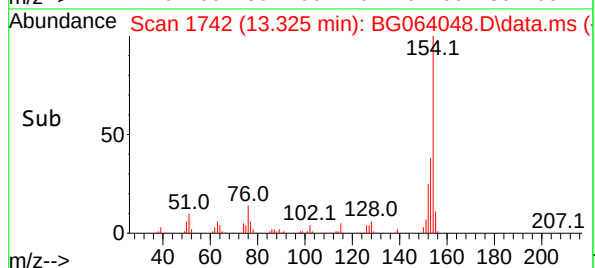
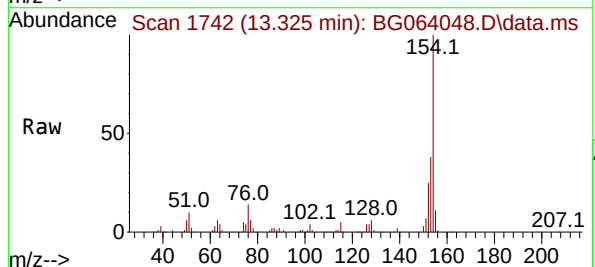
Manual Integrations  
APPROVED

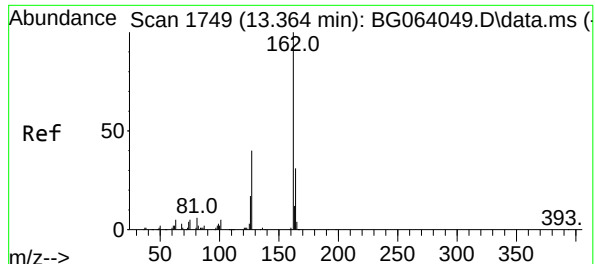
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#46  
1,1'-Biphenyl  
Concen: 20.803 ng  
RT: 13.325 min Scan# 1742  
Delta R.T. 0.002 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

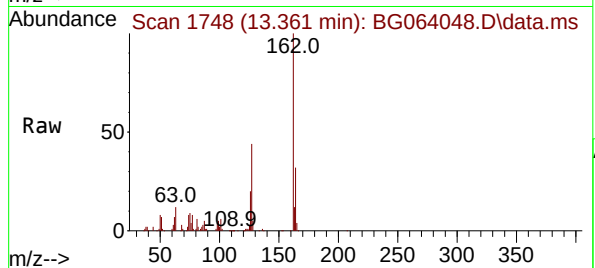
Tgt Ion:154 Resp: 160835  
Ion Ratio Lower Upper  
154 100  
153 37.8 19.5 59.5  
76 14.2 0.0 33.5





#47  
2-Chloronaphthalene  
Concen: 19.971 ng  
RT: 13.361 min Scan# 1748  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

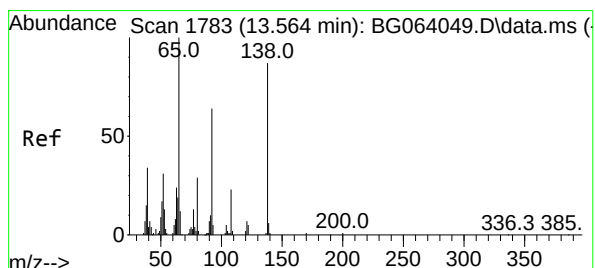
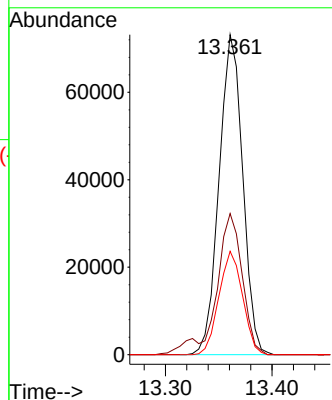
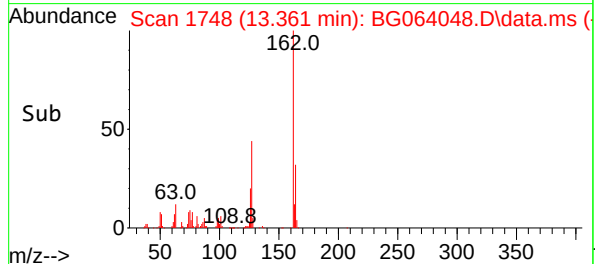
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion:162 Resp: 11261  
Ion Ratio Lower Upper  
162 100  
127 44.1 35.0 52.4  
164 32.3 25.0 37.6

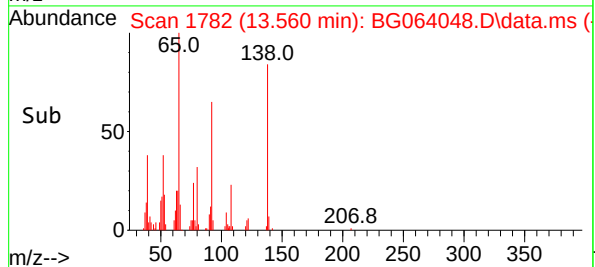
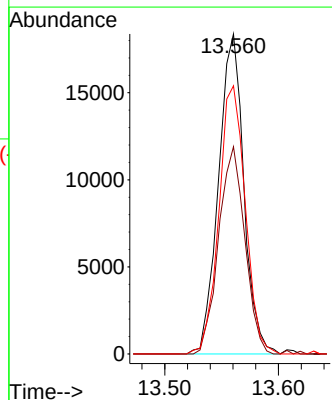
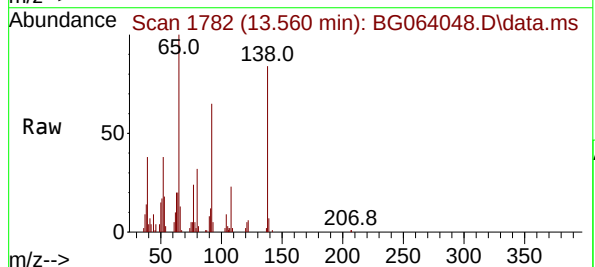
Manual Integrations  
APPROVED

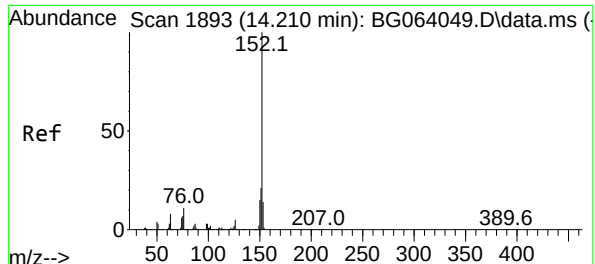
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#48  
2-Nitroaniline  
Concen: 18.684 ng  
RT: 13.560 min Scan# 1782  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

Tgt Ion: 65 Resp: 28373  
Ion Ratio Lower Upper  
65 100  
92 64.8 51.2 76.8  
138 83.8 69.4 104.2





#49

Acenaphthylene

Concen: 20.571 ng

RT: 14.207 min Scan# 1893

Delta R.T. -0.004 min

Lab File: BG064048.D

Acq: 5 Mar 2025 11:03

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020

Tgt Ion:152 Resp: 183469

Ion Ratio Lower Upper

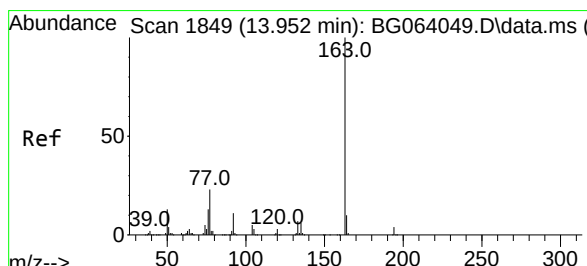
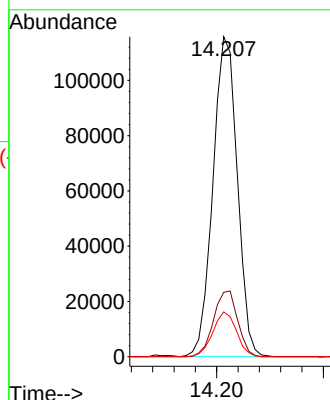
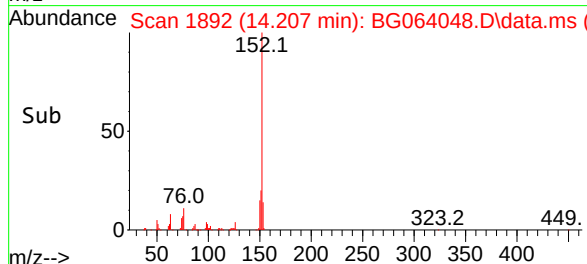
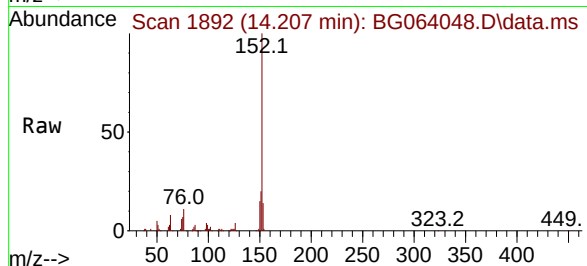
152 100

151 20.1 16.4 24.6

153 14.0 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

#50

Dimethylphthalate

Concen: 21.114 ng

RT: 13.948 min Scan# 1848

Delta R.T. -0.004 min

Lab File: BG064048.D

Acq: 5 Mar 2025 11:03

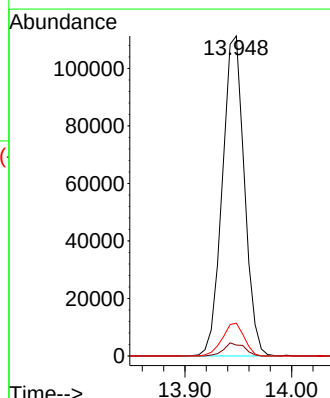
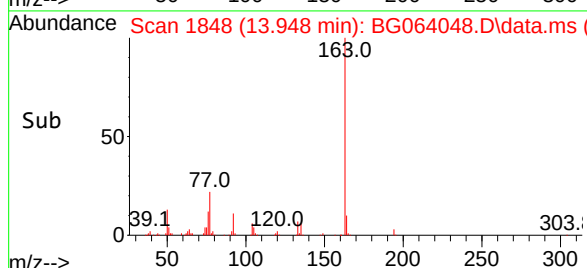
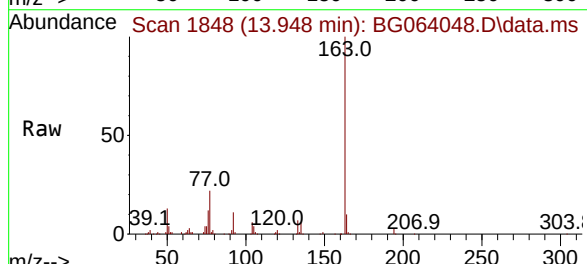
Tgt Ion:163 Resp: 159500

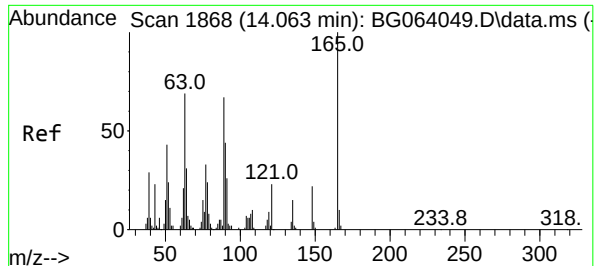
Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

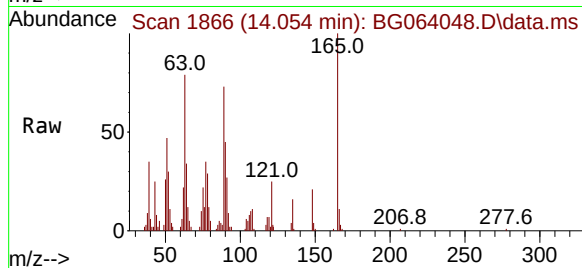
164 10.3 8.2 12.2





#51  
2,6-Dinitrotoluene  
Concen: 19.614 ng  
RT: 14.054 min Scan# 1866  
Delta R.T. -0.009 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

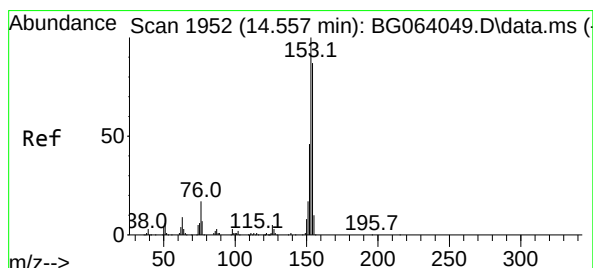
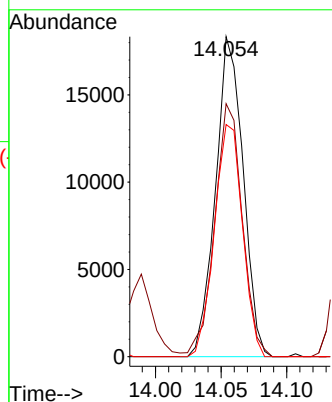
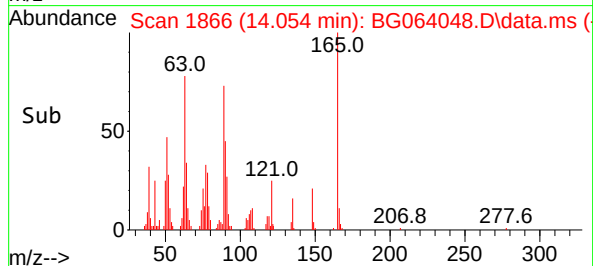
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion:165 Resp: 2678  
Ion Ratio Lower Upper  
165 100  
63 79.1 56.7 85.1  
89 72.5 53.7 80.5

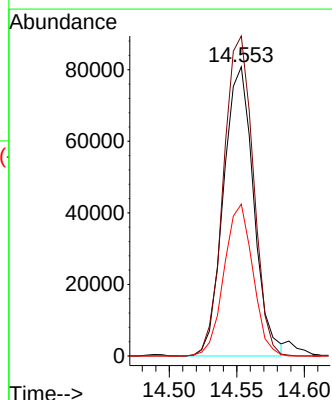
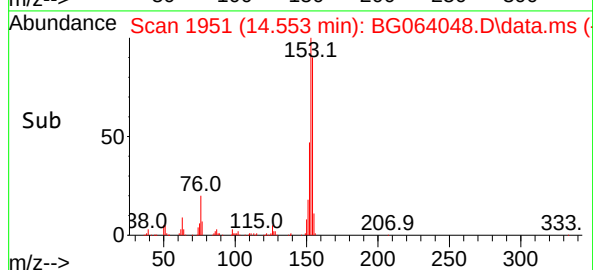
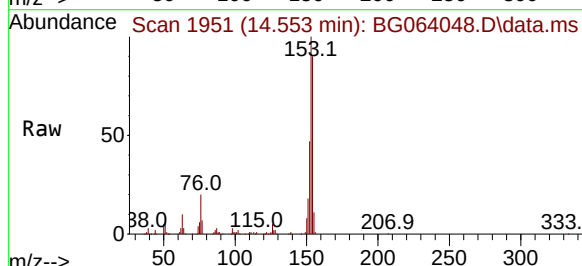
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

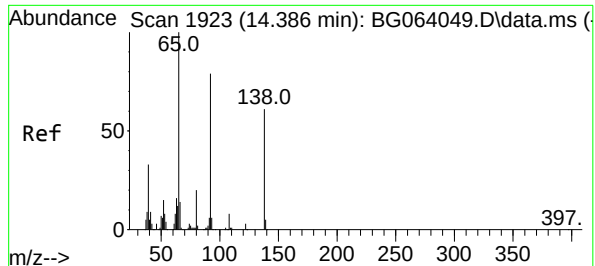


#52  
Acenaphthene  
Concen: 20.997 ng m  
RT: 14.553 min Scan# 1951  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

Tgt Ion:154 Resp: 125939  
Ion Ratio Lower Upper  
154 100  
153 110.7 91.6 137.4  
152 52.5 42.5 63.7

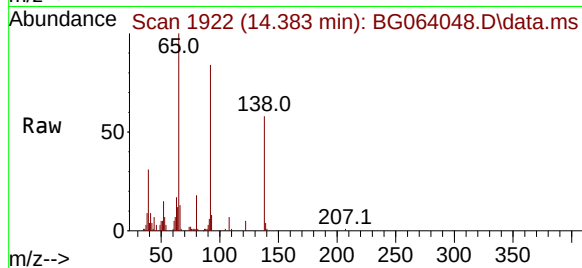






#53  
3-Nitroaniline  
Concen: 20.902 ng  
RT: 14.383 min Scan# 1922  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

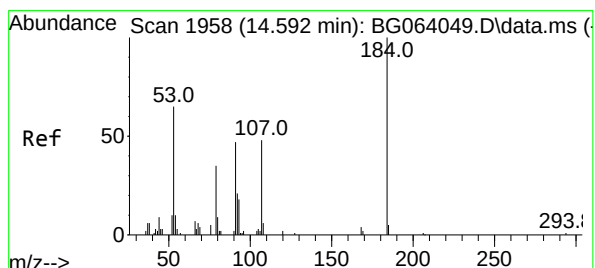
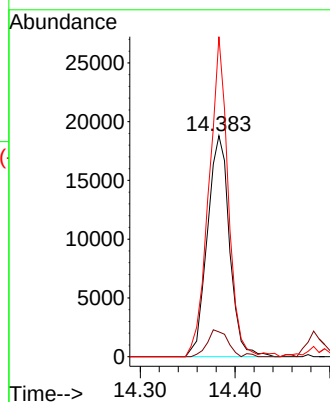
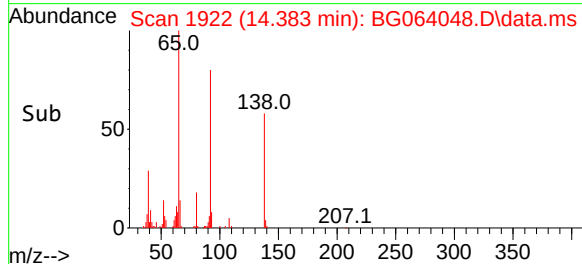
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion:138 Resp: 3051  
Ion Ratio Lower Upper  
138 100  
108 11.2 10.1 15.1  
92 144.8 104.1 156.1

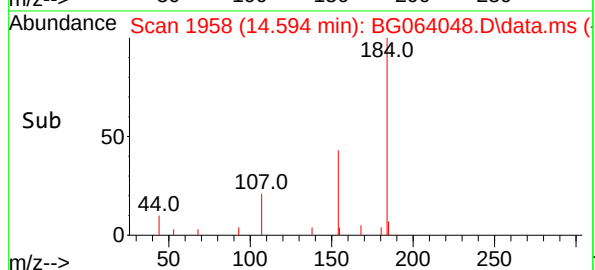
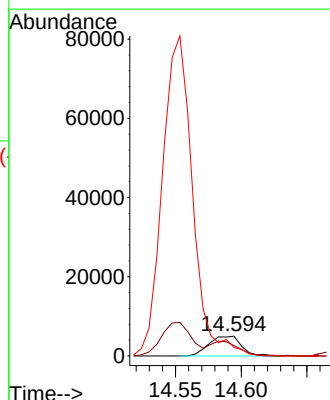
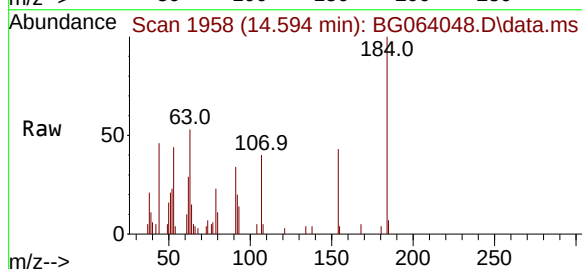
Manual Integrations  
APPROVED

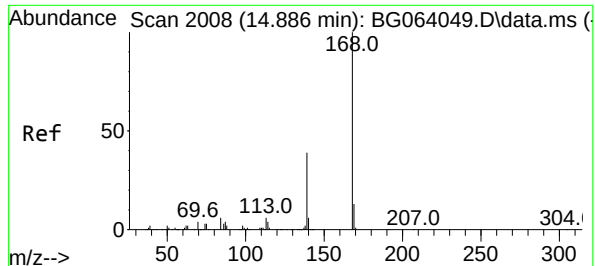
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#54  
2,4-Dinitrophenol  
Concen: 19.958 ng  
RT: 14.594 min Scan# 1958  
Delta R.T. 0.002 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

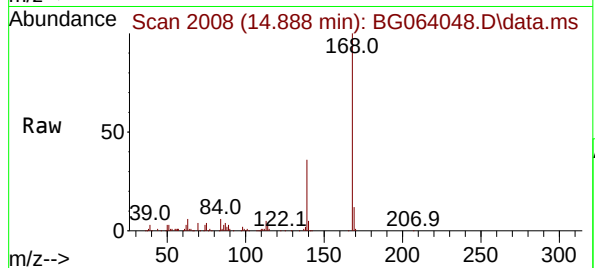
Tgt Ion:184 Resp: 8560  
Ion Ratio Lower Upper  
184 100  
63 52.7 57.5 86.3#  
154 42.8 52.3 78.5#





#55  
Dibenzenofuran  
Concen: 20.856 ng  
RT: 14.888 min Scan# 2008  
Delta R.T. 0.002 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

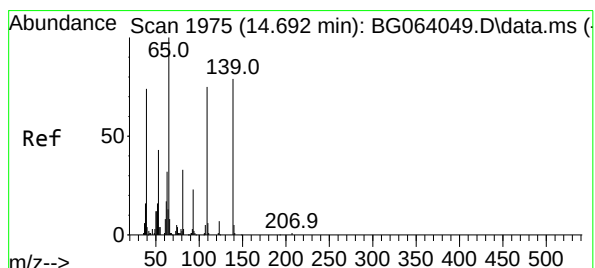
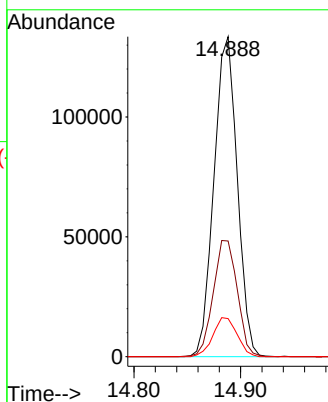
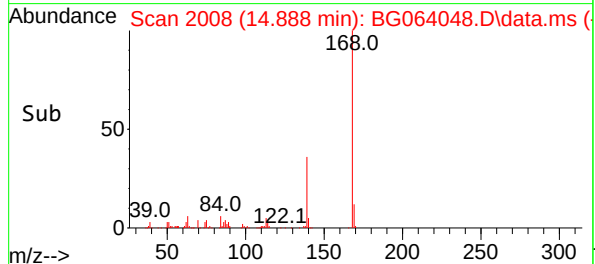
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion:168 Resp: 202235  
Ion Ratio Lower Upper  
168 100  
139 36.2 31.1 46.7  
169 11.9 10.5 15.7

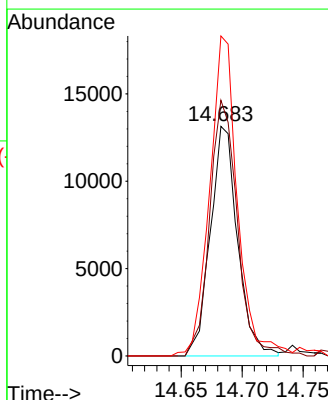
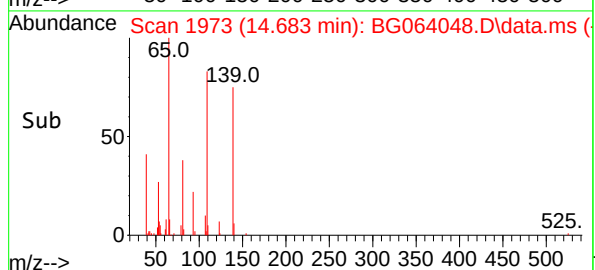
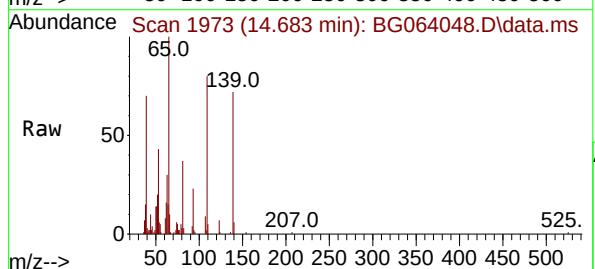
Manual Integrations  
APPROVED

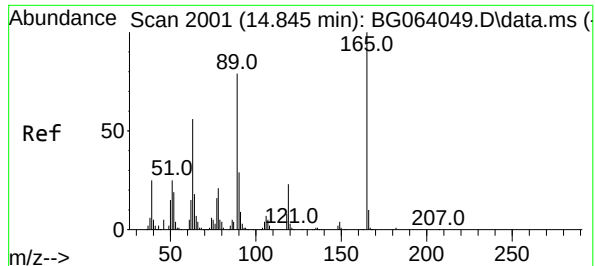
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#56  
4-Nitrophenol  
Concen: 16.681 ng  
RT: 14.683 min Scan# 1973  
Delta R.T. -0.009 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

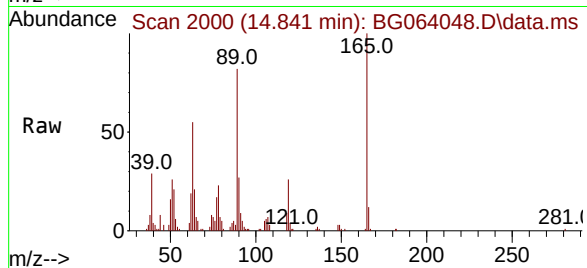
Tgt Ion:139 Resp: 20425  
Ion Ratio Lower Upper  
139 100  
109 111.3 74.9 114.9  
65 139.3 106.8 146.8





#57  
2,4-Dinitrotoluene  
Concen: 19.015 ng  
RT: 14.841 min Scan# 2001  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

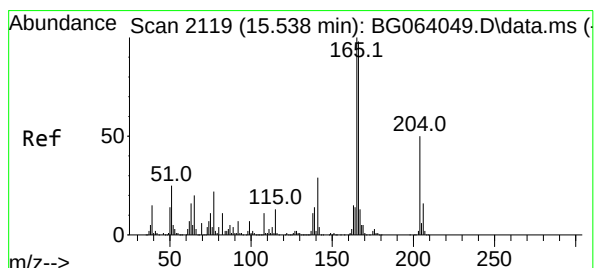
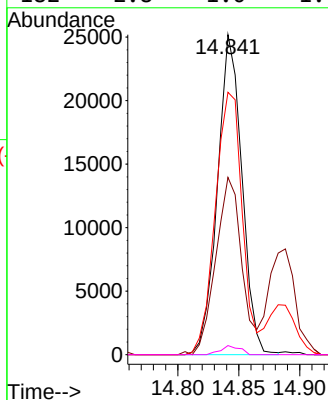
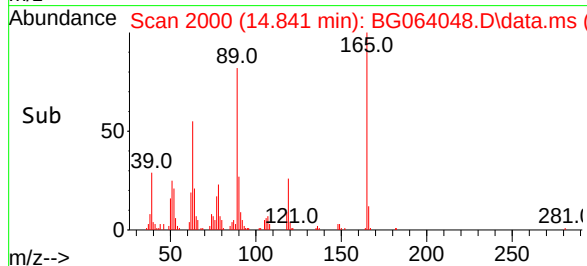
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion:165 Resp: 35172  
Ion Ratio Lower Upper  
165 100  
63 55.4 45.0 67.6  
89 82.0 63.1 94.7  
182 2.8 1.0 1.4#

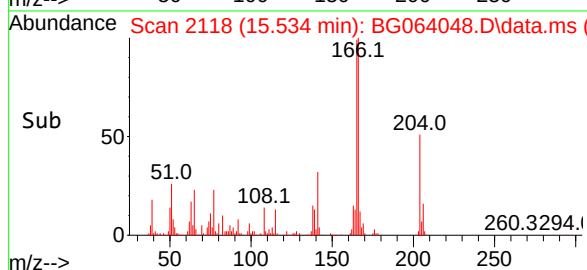
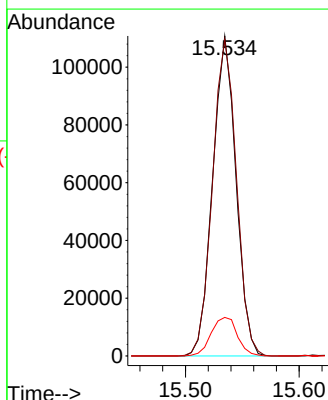
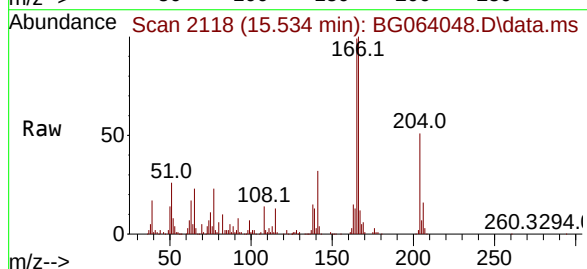
Manual Integrations  
APPROVED

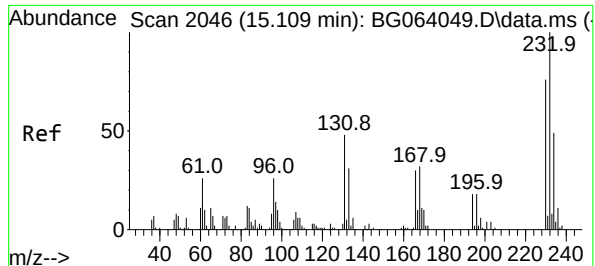
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#58  
Fluorene  
Concen: 20.894 ng  
RT: 15.534 min Scan# 2118  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

Tgt Ion:166 Resp: 157795  
Ion Ratio Lower Upper  
166 100  
165 99.0 81.8 122.8  
167 12.0 10.8 16.2





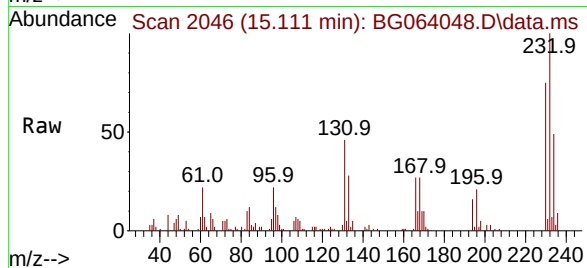
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 21.310 ng  
RT: 15.111 min Scan# 2046  
Delta R.T. 0.002 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020

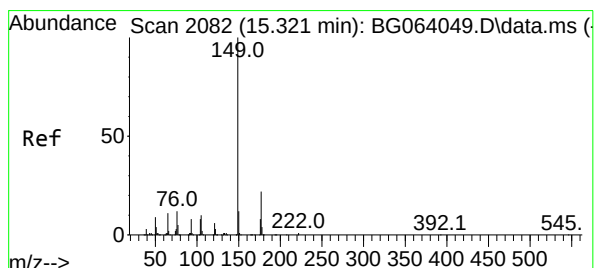
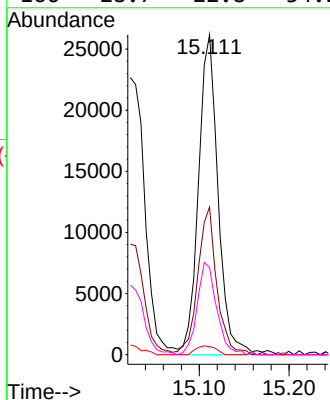
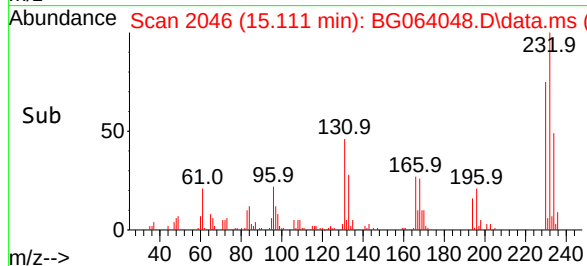


Tgt Ion:232 Resp: 39748  
Ion Ratio Lower Upper  
232 100  
131 44.8 36.3 54.5  
130 2.8 1.9 2.9  
166 28.7 22.8 34.2

Manual Integrations

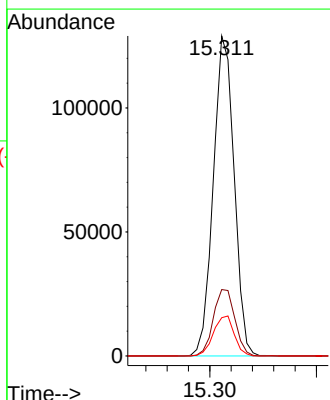
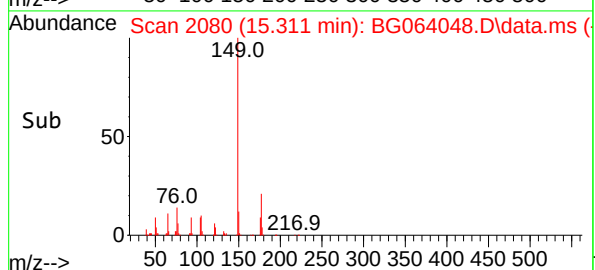
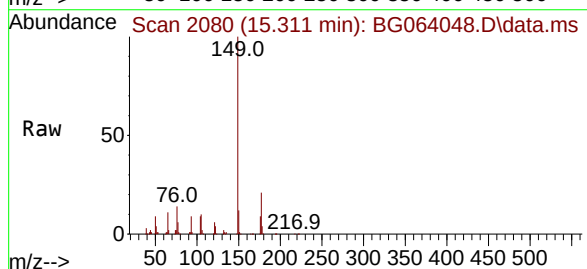
APPROVED

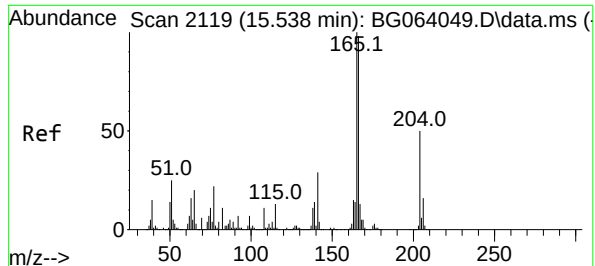
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#60  
Diethylphthalate  
Concen: 21.324 ng  
RT: 15.311 min Scan# 2080  
Delta R.T. -0.009 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

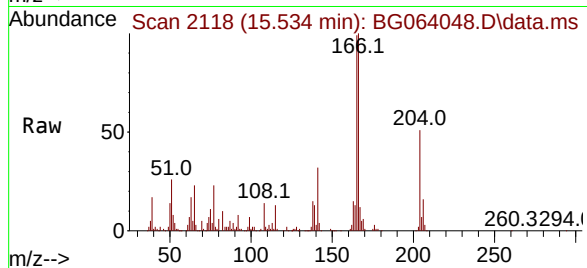
Tgt Ion:149 Resp: 174872  
Ion Ratio Lower Upper  
149 100  
177 20.7 17.4 26.2  
150 12.0 9.4 14.2





#61  
4-Chlorophenyl-phenylether  
Concen: 21.477 ng  
RT: 15.534 min Scan# 2119  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

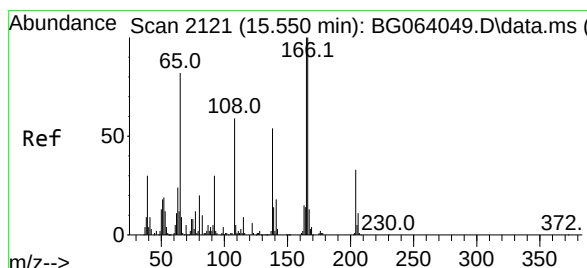
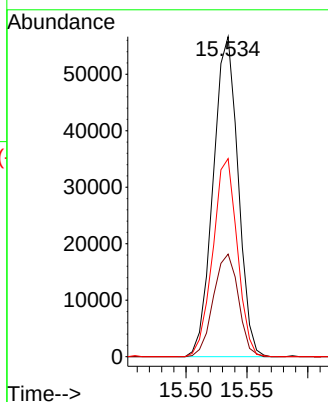
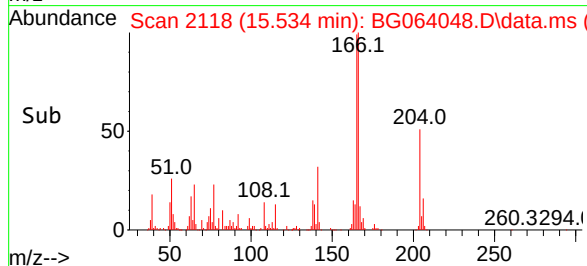
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



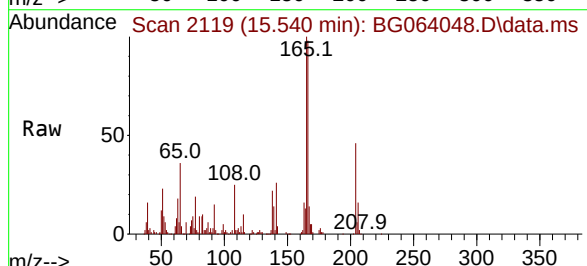
Tgt Ion:204 Resp: 8060  
Ion Ratio Lower Upper  
204 100  
206 32.0 25.5 38.3  
141 61.9 45.4 68.0

Manual Integrations  
APPROVED

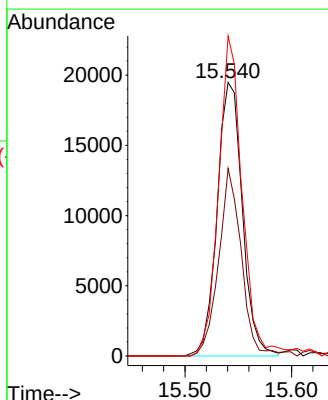
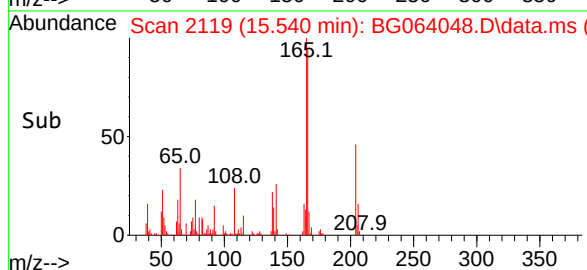
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

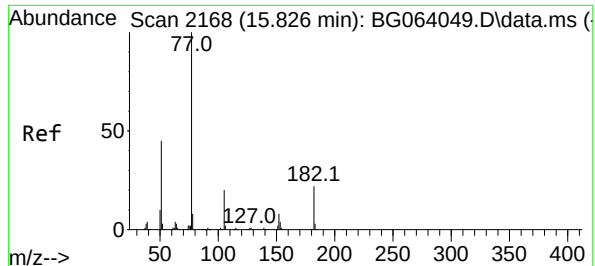


#62  
4-Nitroaniline  
Concen: 20.301 ng  
RT: 15.540 min Scan# 2119  
Delta R.T. -0.009 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03



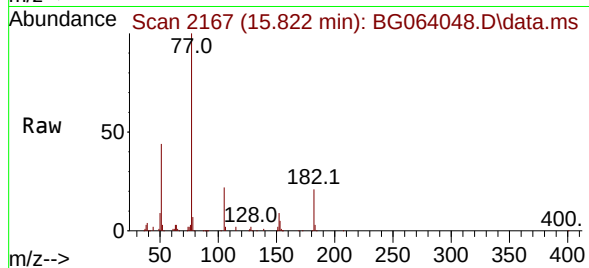
Tgt Ion:138 Resp: 32000  
Ion Ratio Lower Upper  
138 100  
92 68.6 36.1 76.1  
108 117.0 87.9 127.9





#63  
Azobenzene  
Concen: 20.868 ng  
RT: 15.822 min Scan# 2168  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

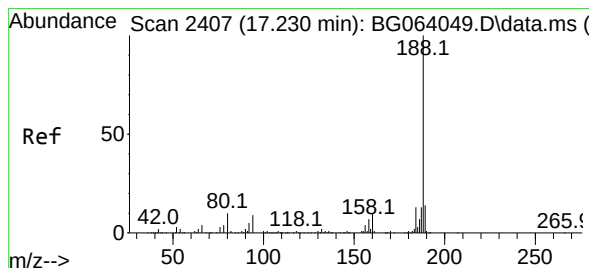
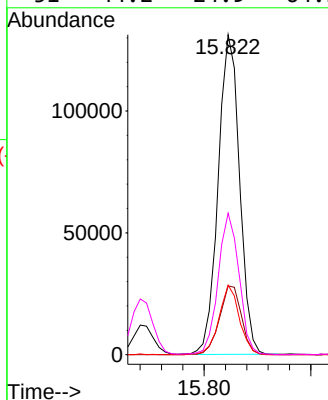
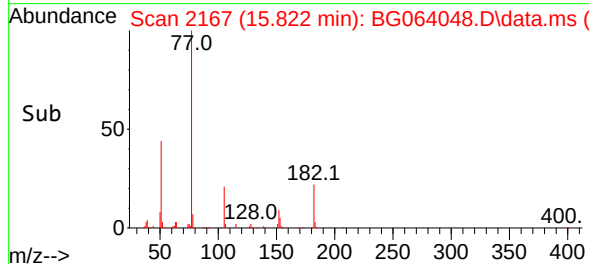
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



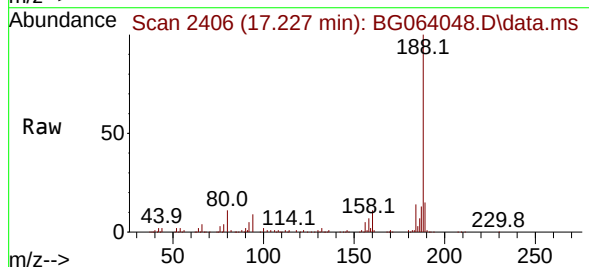
Tgt Ion: 77 Resp: 182618  
Ion Ratio Lower Upper  
77 100  
182 21.5 2.4 42.4  
105 21.7 0.0 40.0  
51 44.2 24.9 64.9

Manual Integrations  
APPROVED

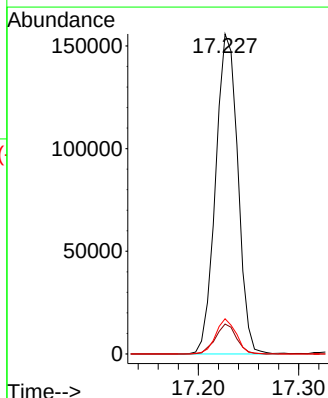
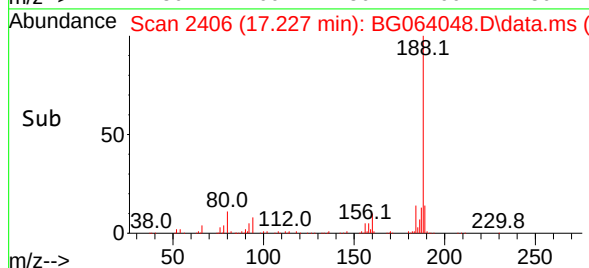
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

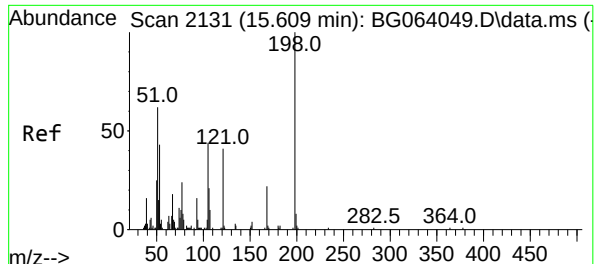


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.227 min Scan# 2406  
Delta R.T. -0.003 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03



Tgt Ion:188 Resp: 239469  
Ion Ratio Lower Upper  
188 100  
94 9.4 6.9 10.3  
80 11.0 8.1 12.1





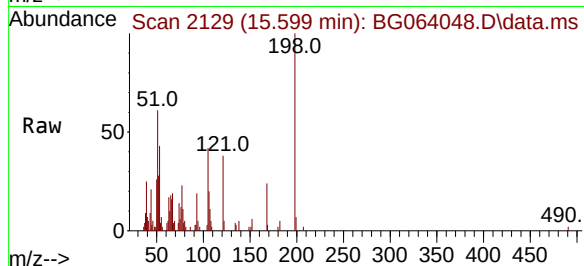
#65  
4,6-Dinitro-2-methylphenol  
Concen: 19.469 ng  
RT: 15.599 min Scan# 2131  
Delta R.T. -0.010 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020

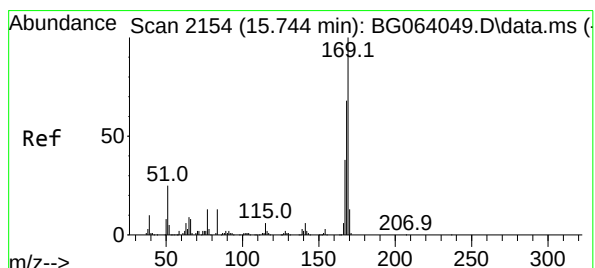
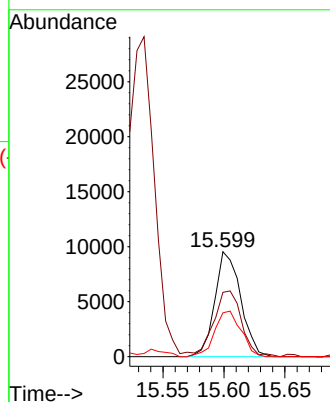
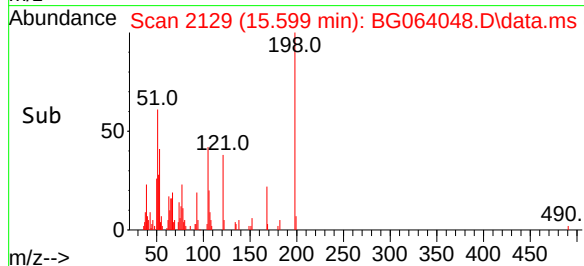


Tgt Ion:198 Resp: 14079  
Ion Ratio Lower Upper  
198 100  
51 61.3 45.6 85.6  
105 41.8 25.3 65.3

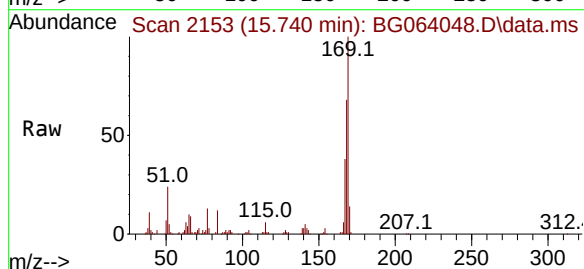
Manual Integrations

APPROVED

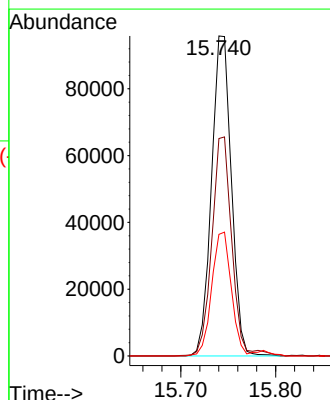
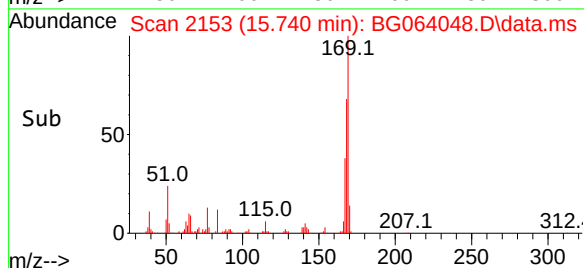
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

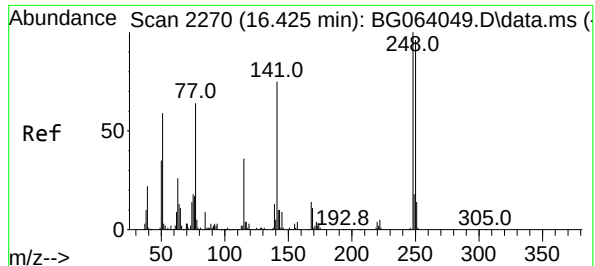


#66  
n-Nitrosodiphenylamine  
Concen: 20.573 ng  
RT: 15.740 min Scan# 2153  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03



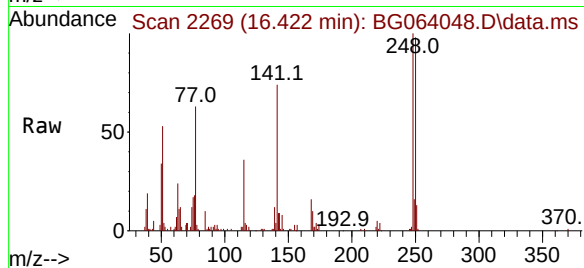
Tgt Ion:169 Resp: 139451  
Ion Ratio Lower Upper  
169 100  
168 68.0 54.1 81.1  
167 38.0 30.3 45.5





#67  
4-Bromophenyl-phenylether  
Concen: 20.740 ng  
RT: 16.422 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

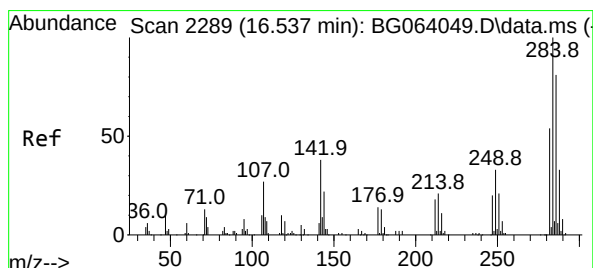
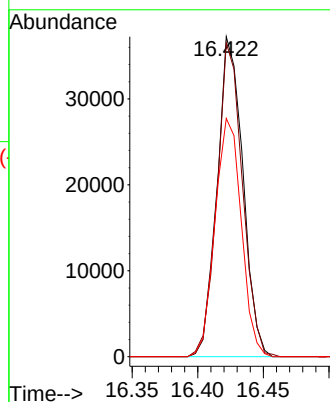
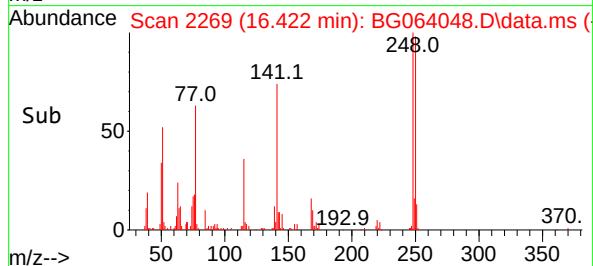
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



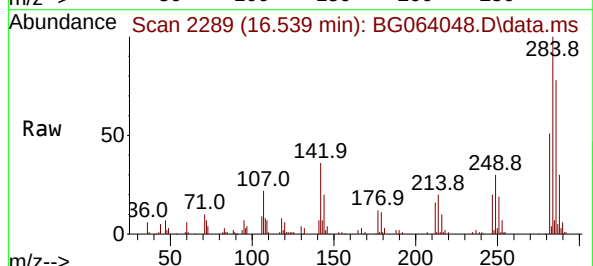
Tgt Ion:248 Resp: 5086  
Ion Ratio Lower Upper  
248 100  
250 98.1 77.1 115.7  
141 74.4 59.8 89.8

Manual Integrations  
APPROVED

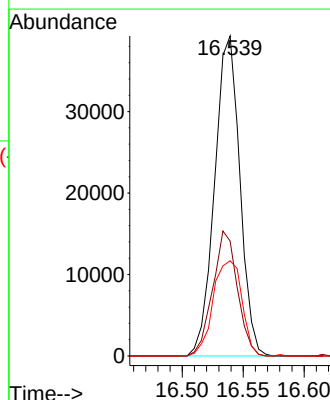
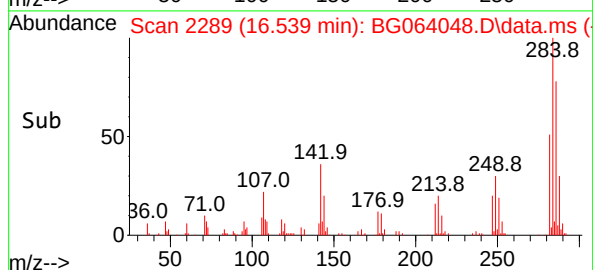
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



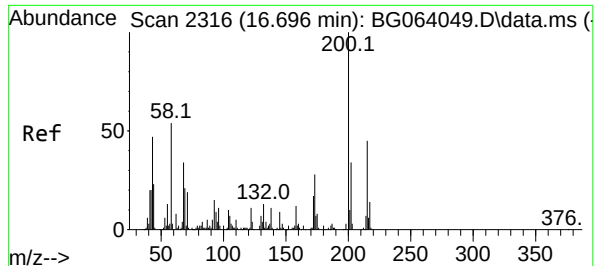
#68  
Hexachlorobenzene  
Concen: 20.591 ng  
RT: 16.539 min Scan# 2289  
Delta R.T. 0.002 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03



Tgt Ion:284 Resp: 56538  
Ion Ratio Lower Upper  
284 100  
142 35.9 30.6 45.8  
249 29.8 26.6 39.8

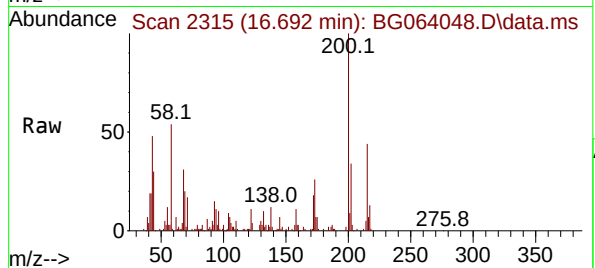






#69  
Atrazine  
Concen: 21.465 ng  
RT: 16.692 min Scan# 214  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

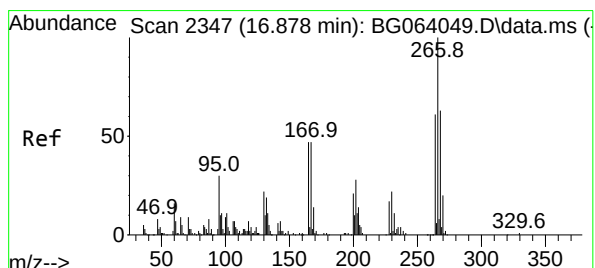
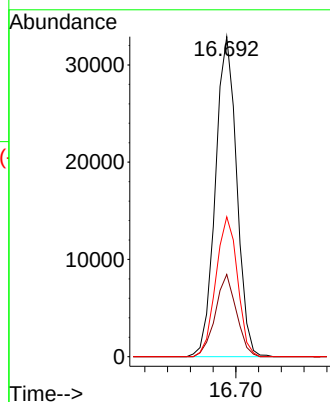
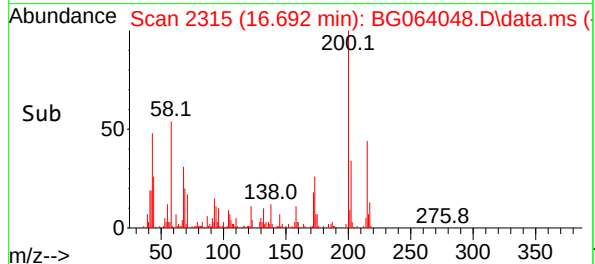
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion:200 Resp: 42810  
Ion Ratio Lower Upper  
200 100  
173 25.7 8.2 48.2  
215 43.7 25.5 65.5

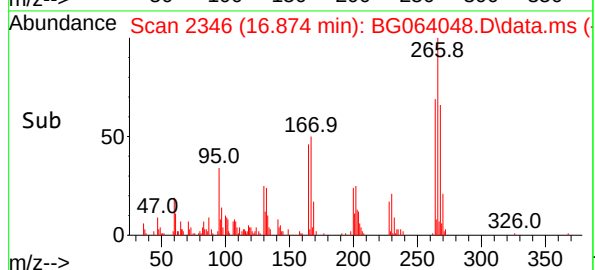
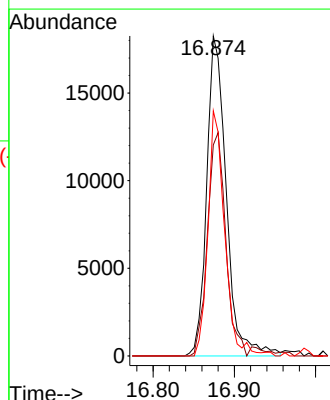
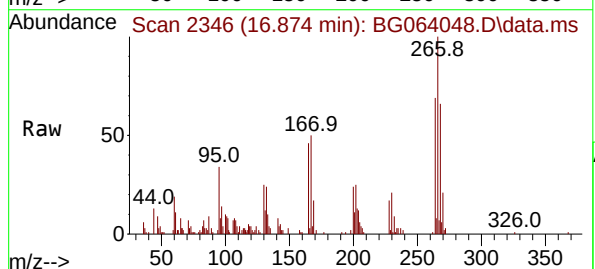
Manual Integrations  
APPROVED

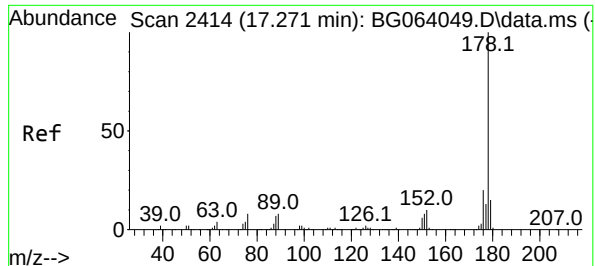
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#70  
Pentachlorophenol  
Concen: 17.926 ng  
RT: 16.874 min Scan# 2346  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

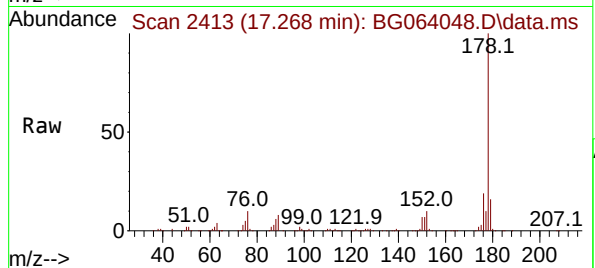
Tgt Ion:266 Resp: 30561  
Ion Ratio Lower Upper  
266 100  
268 65.9 50.2 75.4  
264 76.6 48.9 73.3#





#71  
Phenanthrene  
Concen: 20.813 ng  
RT: 17.268 min Scan# 2413  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

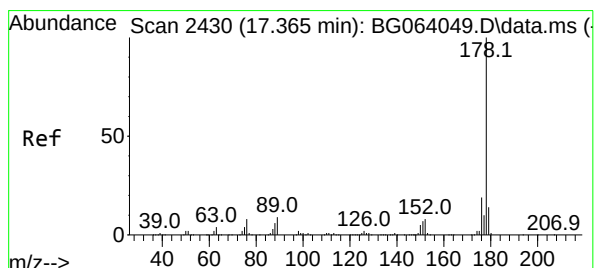
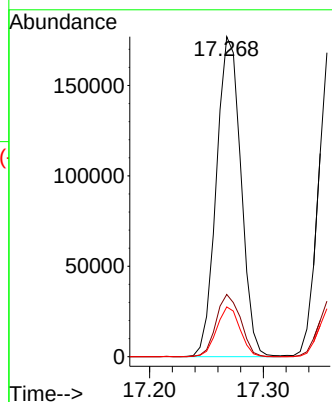
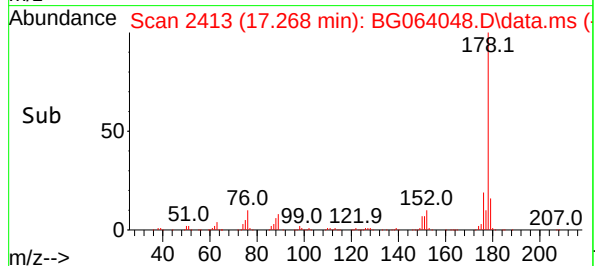
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion:178 Resp: 26584  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.9 23.9  
179 15.6 12.2 18.2

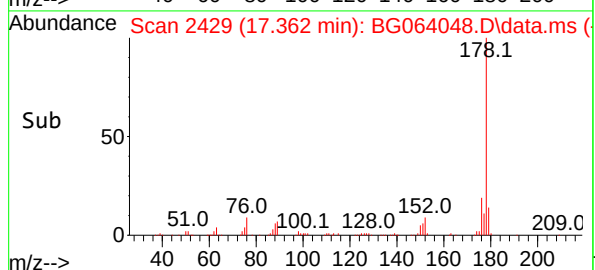
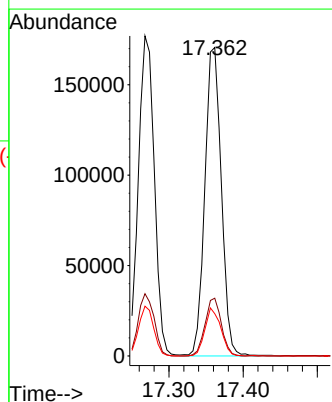
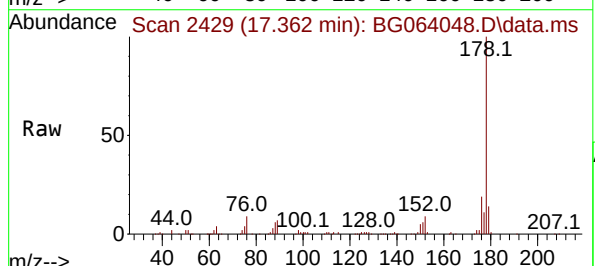
Manual Integrations  
APPROVED

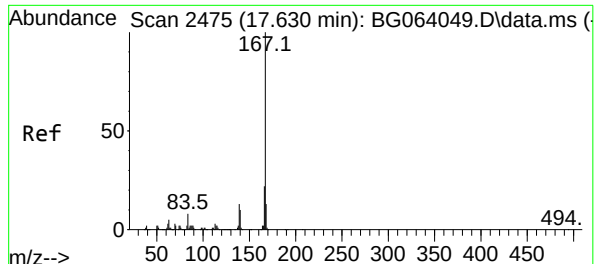
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#72  
Anthracene  
Concen: 20.814 ng  
RT: 17.362 min Scan# 2429  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

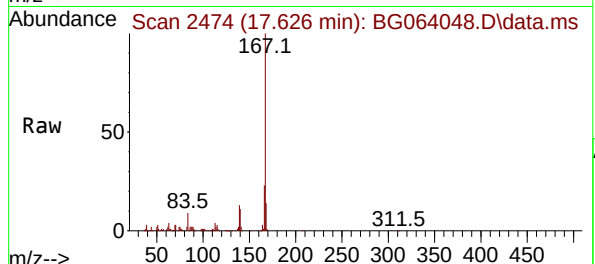
Tgt Ion:178 Resp: 264350  
Ion Ratio Lower Upper  
178 100  
176 18.8 14.8 22.2  
179 13.7 11.5 17.3





#73  
Carbazole  
Concen: 20.591 ng  
RT: 17.626 min Scan# 2475  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

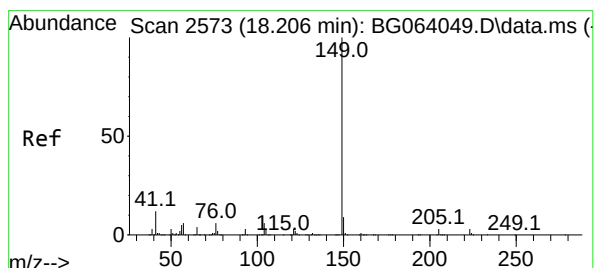
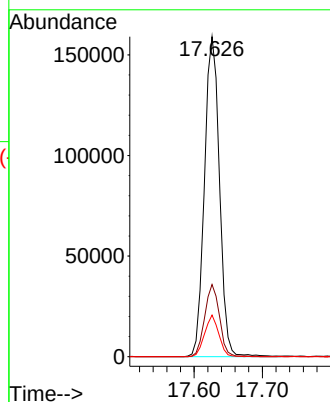
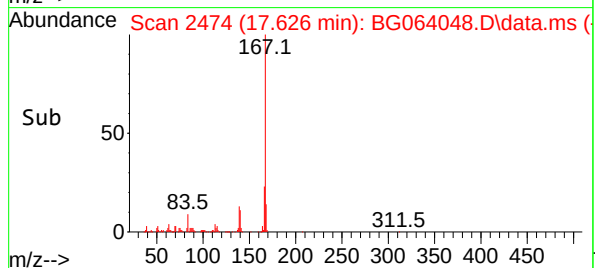
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion:167 Resp: 244169  
Ion Ratio Lower Upper  
167 100  
166 22.6 18.0 27.0  
139 13.0 10.6 15.8

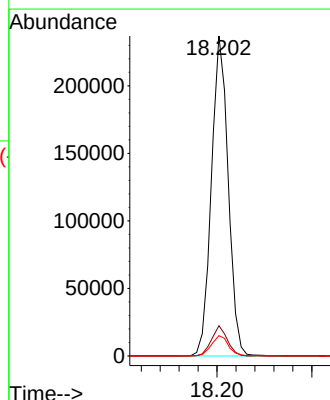
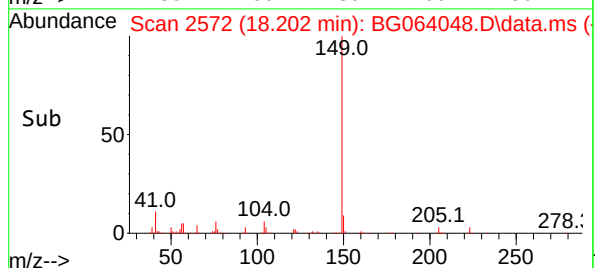
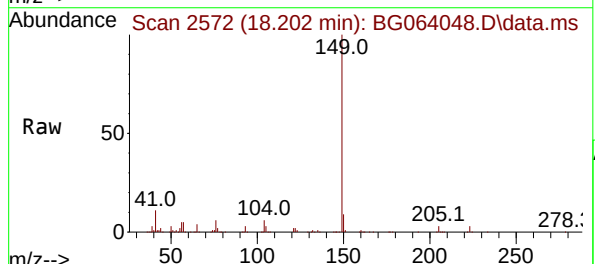
Manual Integrations  
APPROVED

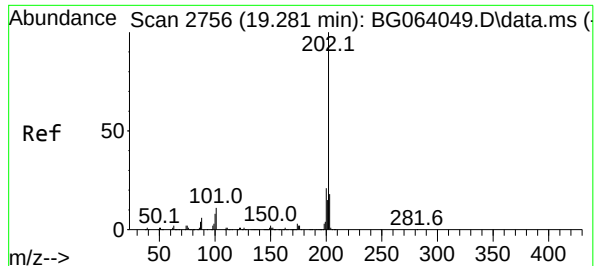
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#74  
Di-n-butylphthalate  
Concen: 20.812 ng  
RT: 18.202 min Scan# 2572  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

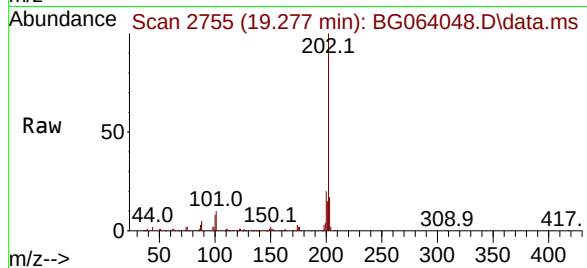
Tgt Ion:149 Resp: 290500  
Ion Ratio Lower Upper  
149 100  
150 9.4 7.4 11.0  
104 6.3 5.0 7.6





#75  
Fluoranthene  
Concen: 20.776 ng  
RT: 19.277 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

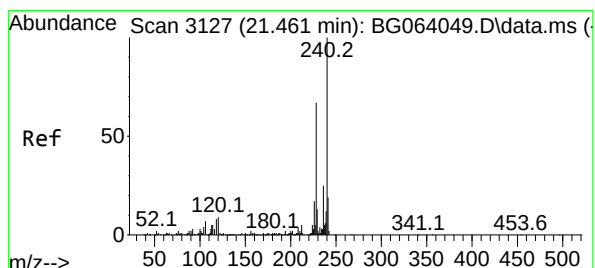
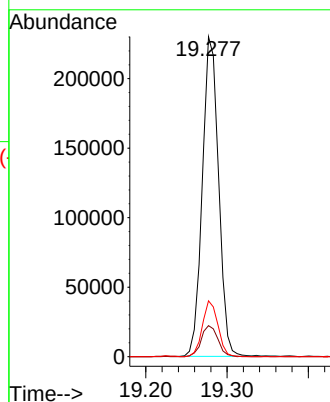
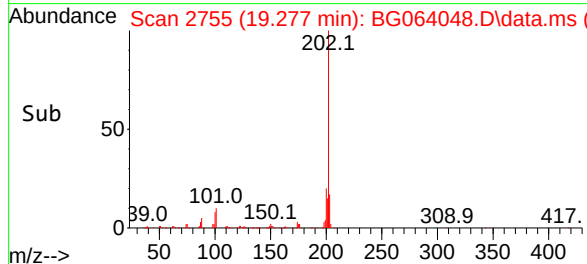
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion:202 Resp: 31991  
Ion Ratio Lower Upper  
202 100  
101 9.7 0.0 30.5  
203 17.4 0.0 38.3

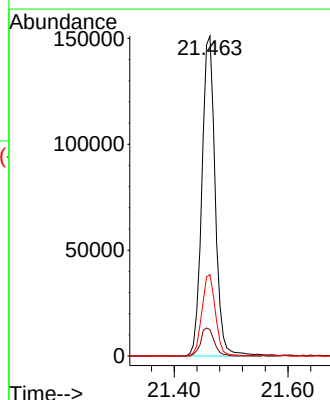
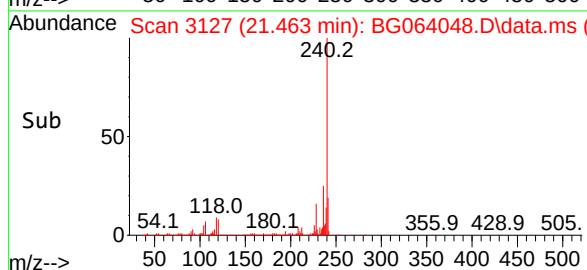
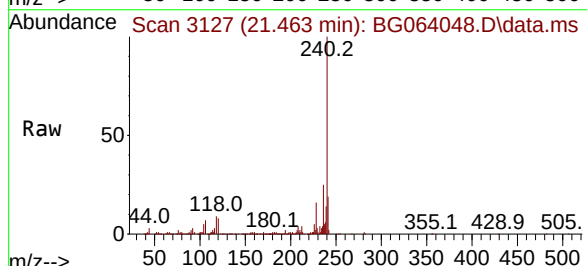
Manual Integrations  
APPROVED

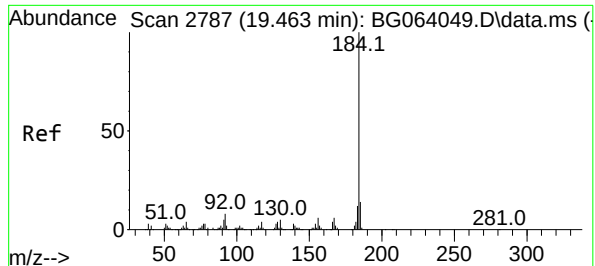
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.463 min Scan# 3127  
Delta R.T. 0.002 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

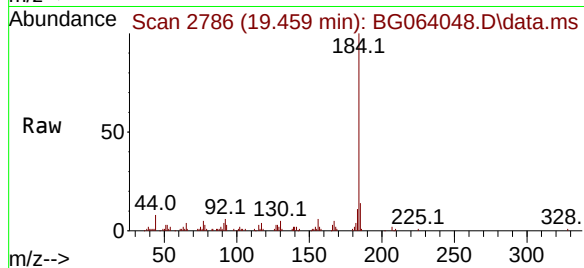
Tgt Ion:240 Resp: 245725  
Ion Ratio Lower Upper  
240 100  
120 8.3 7.2 10.8  
236 25.4 20.2 30.2





#77  
Benzidine  
Concen: 16.960 ng  
RT: 19.459 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

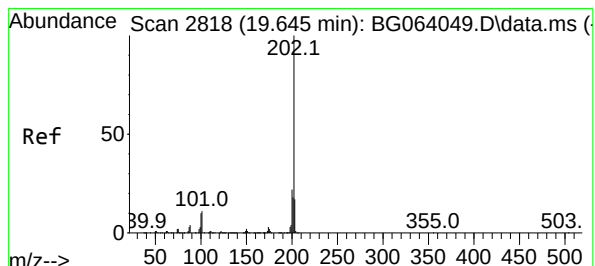
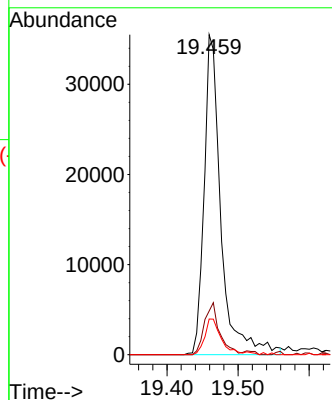
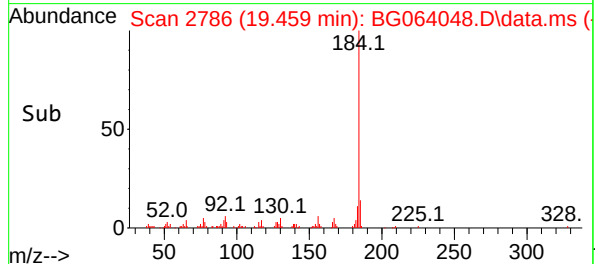
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion:184 Resp: 58504  
Ion Ratio Lower Upper  
184 100  
185 13.7 11.3 16.9  
183 11.2 9.5 14.3

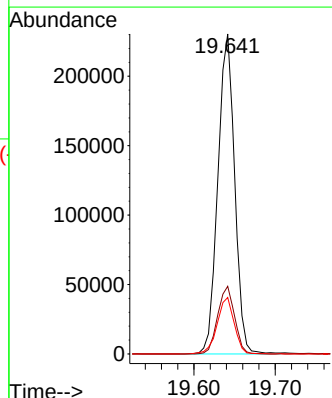
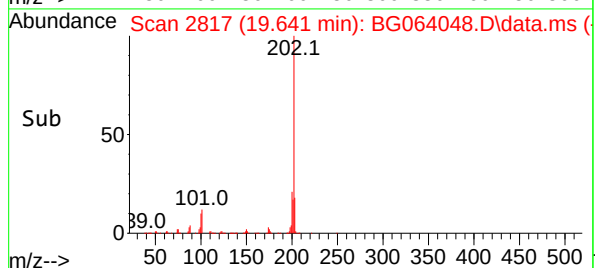
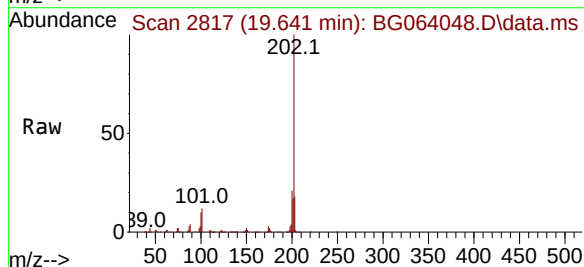
Manual Integrations  
APPROVED

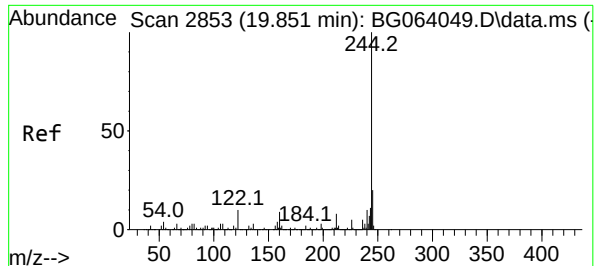
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#78  
Pyrene  
Concen: 20.950 ng  
RT: 19.641 min Scan# 2817  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

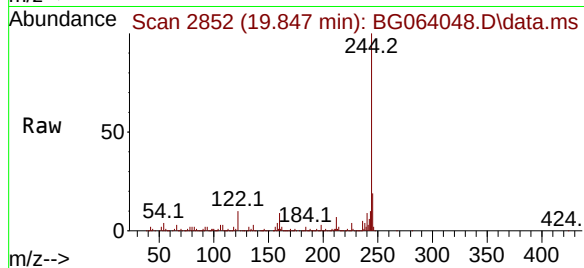
Tgt Ion:202 Resp: 331849  
Ion Ratio Lower Upper  
202 100  
200 21.2 17.3 25.9  
203 17.7 13.6 20.4





#79  
Terphenyl-d14  
Concen: 42.936 ng  
RT: 19.847 min Scan# 2853  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

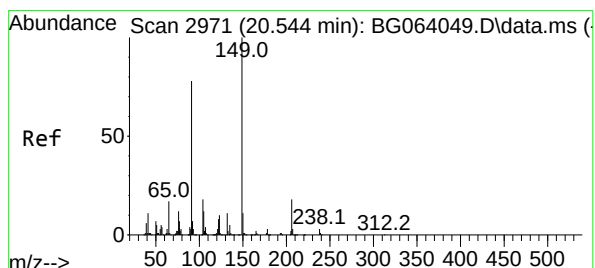
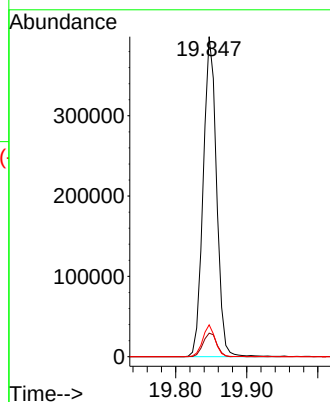
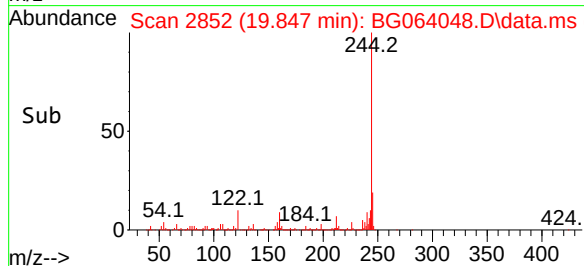
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion:244 Resp: 521784  
Ion Ratio Lower Upper  
244 100  
212 7.4 6.2 9.4  
122 10.0 8.0 12.0

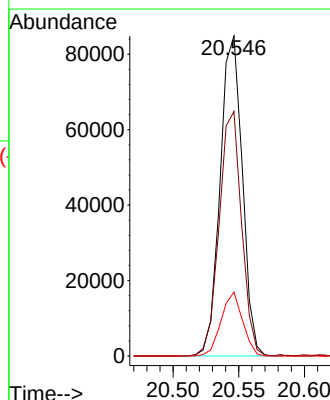
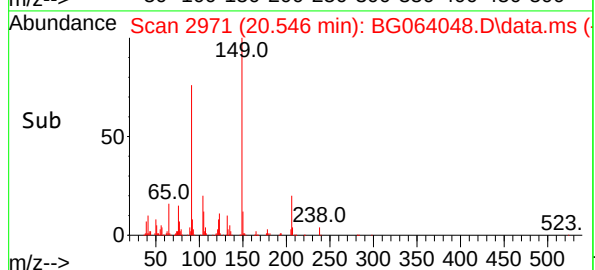
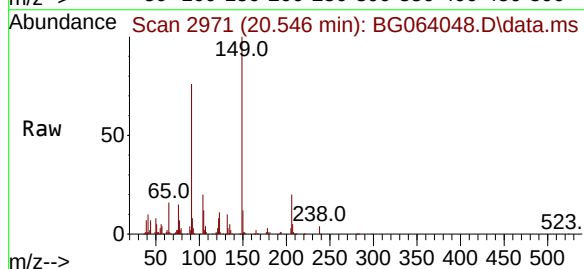
Manual Integrations  
APPROVED

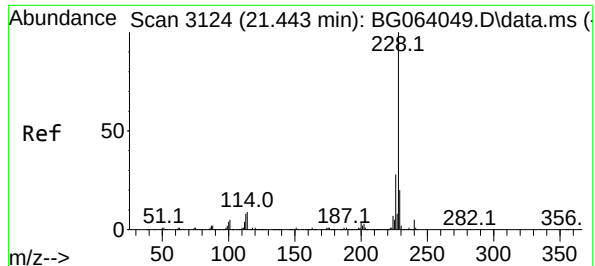
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#80  
Butylbenzylphthalate  
Concen: 19.098 ng  
RT: 20.546 min Scan# 2971  
Delta R.T. 0.002 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

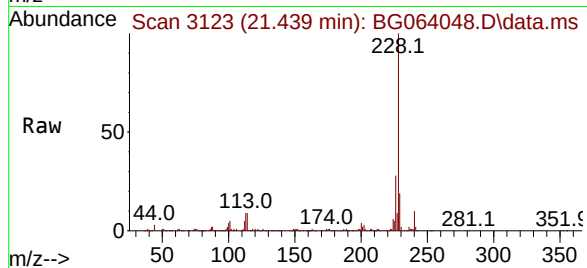
Tgt Ion:149 Resp: 99429  
Ion Ratio Lower Upper  
149 100  
91 76.4 62.0 93.0  
206 20.0 14.6 21.8





#81  
Benzo(a)anthracene  
Concen: 20.443 ng  
RT: 21.439 min Scan# 3110  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

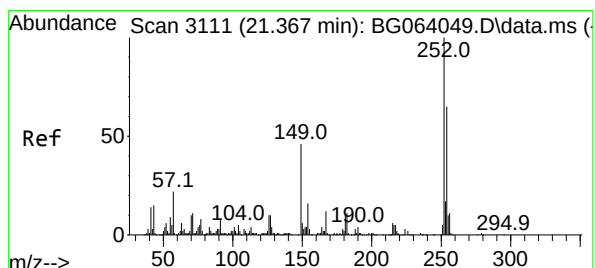
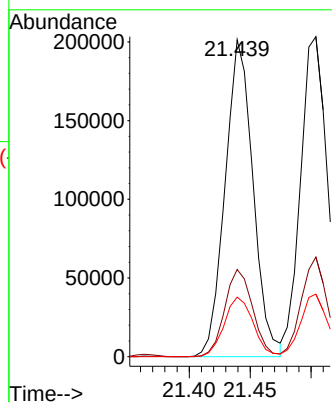
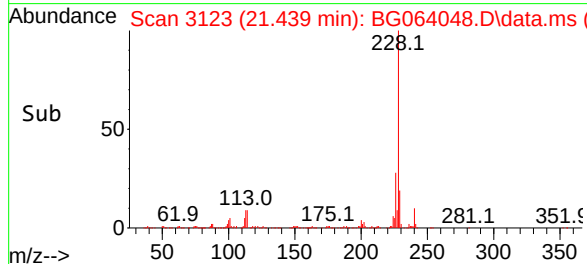
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion:228 Resp: 32177  
Ion Ratio Lower Upper  
228 100  
226 27.5 22.2 33.2  
229 18.8 16.4 24.6

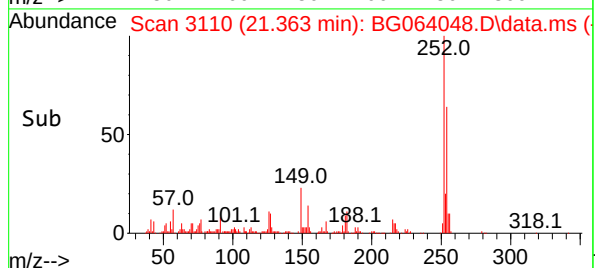
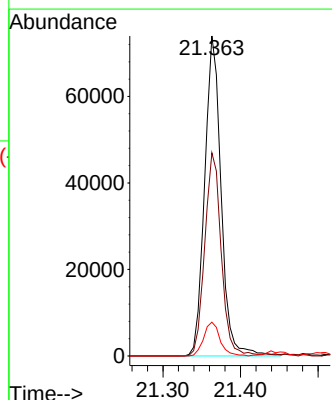
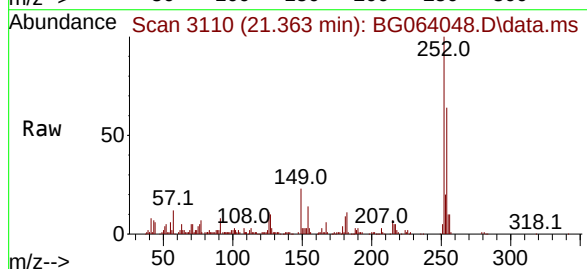
Manual Integrations  
APPROVED

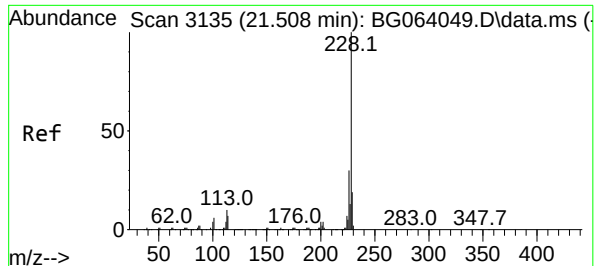
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#82  
3,3'-Dichlorobenzidine  
Concen: 21.421 ng  
RT: 21.363 min Scan# 3110  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

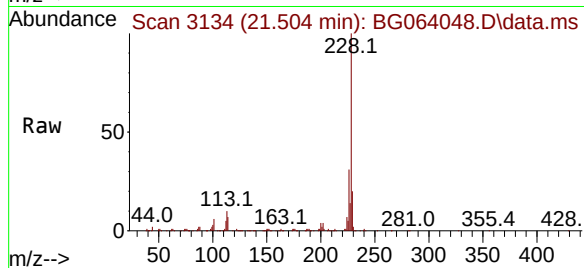
Tgt Ion:252 Resp: 109121  
Ion Ratio Lower Upper  
252 100  
254 63.5 52.1 78.1  
126 10.6 7.8 11.8





#83  
Chrysene  
Concen: 20.471 ng  
RT: 21.504 min Scan# 3135  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

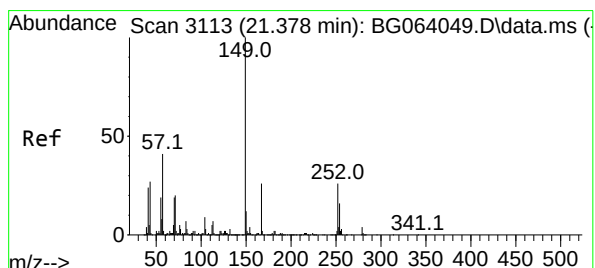
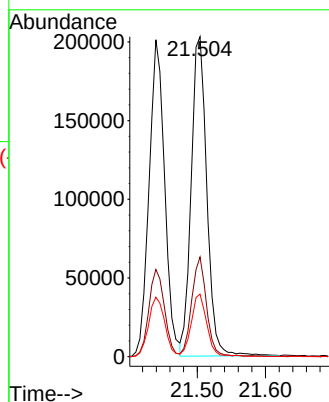
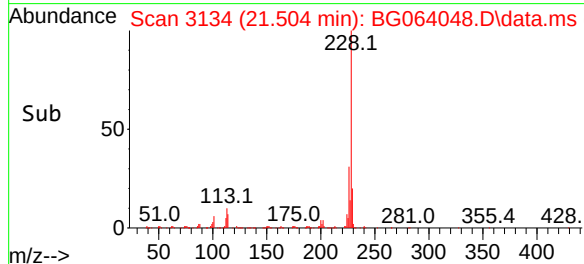
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion:228 Resp: 321379  
Ion Ratio Lower Upper  
228 100  
226 31.1 23.9 35.9  
229 19.6 15.3 22.9

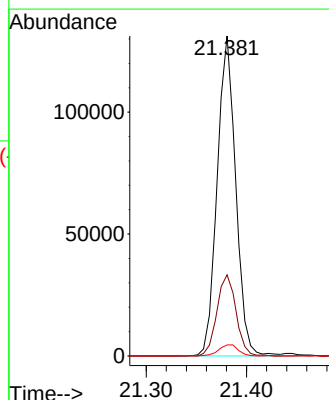
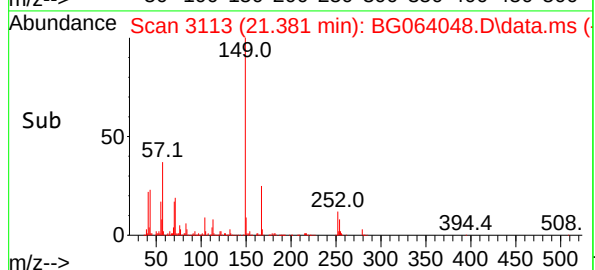
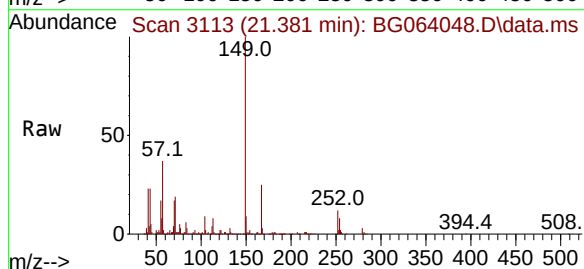
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

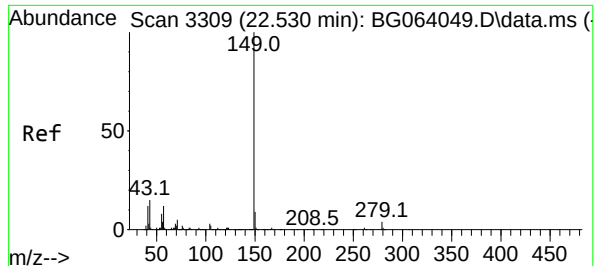


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 19.769 ng  
RT: 21.381 min Scan# 3113  
Delta R.T. 0.002 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

Tgt Ion:149 Resp: 168286  
Ion Ratio Lower Upper  
149 100  
167 25.3 21.0 31.6  
279 3.5 2.8 4.2

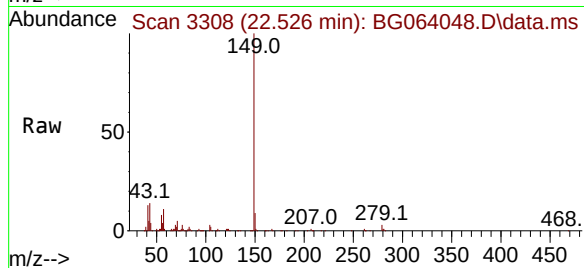






#85  
Di-n-octyl phthalate  
Concen: 18.542 ng  
RT: 22.526 min Scan# 31  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

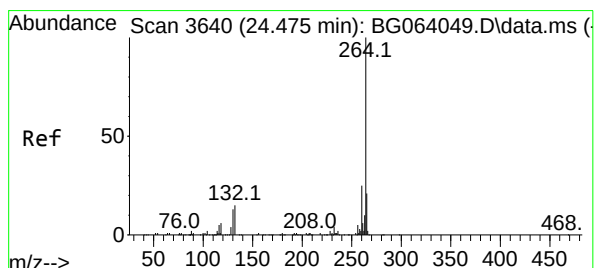
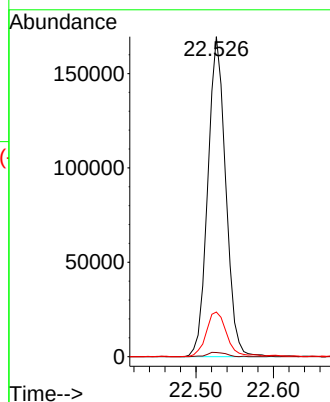
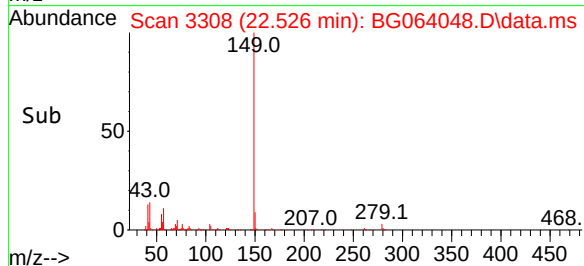
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion:149 Resp: 27225  
Ion Ratio Lower Upper  
149 100  
167 1.4 1.2 1.8  
43 16.1 12.6 19.0

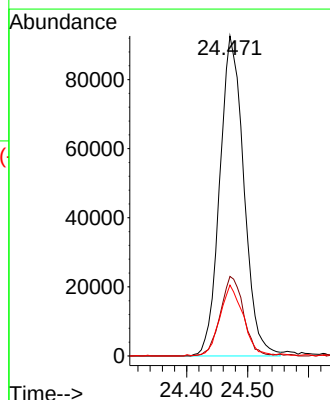
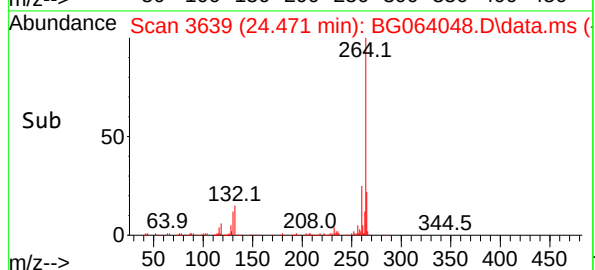
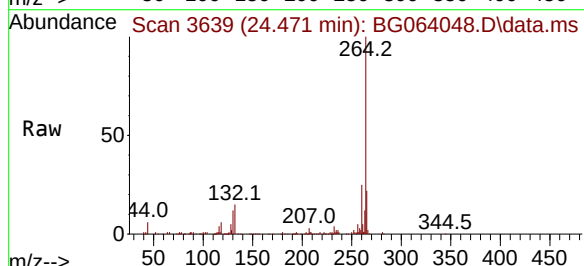
Manual Integrations  
APPROVED

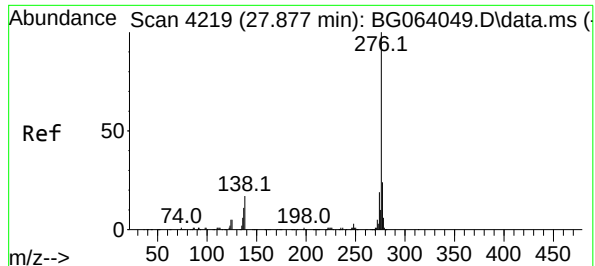
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.471 min Scan# 3639  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

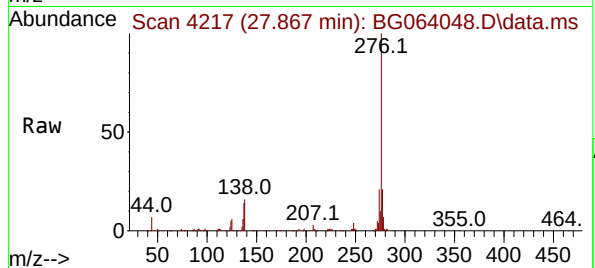
Tgt Ion:264 Resp: 254102  
Ion Ratio Lower Upper  
264 100  
260 24.8 19.6 29.4  
265 22.1 16.6 25.0





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 21.044 ng  
RT: 27.867 min Scan# 4219  
Delta R.T. -0.009 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

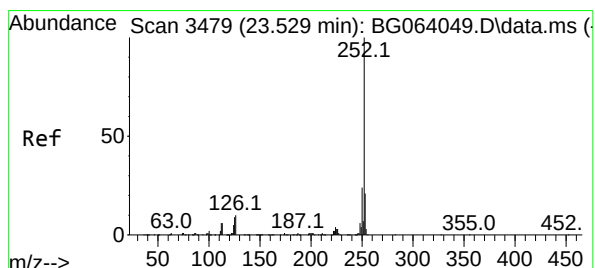
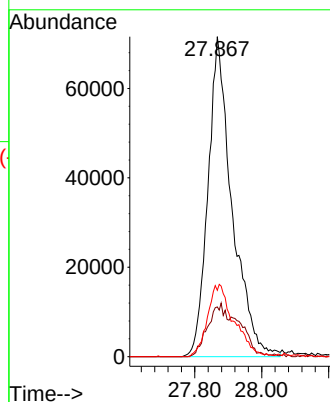
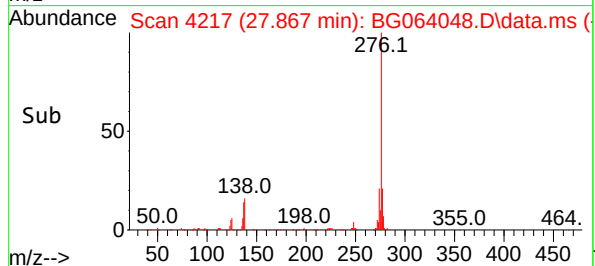
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion:276 Resp: 357779  
Ion Ratio Lower Upper  
276 100  
138 13.1 12.1 18.1  
277 24.8 20.0 30.0

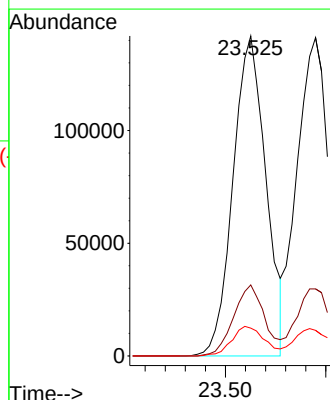
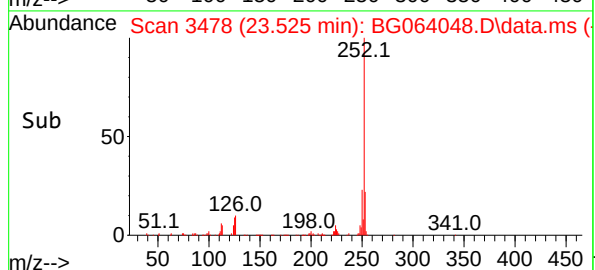
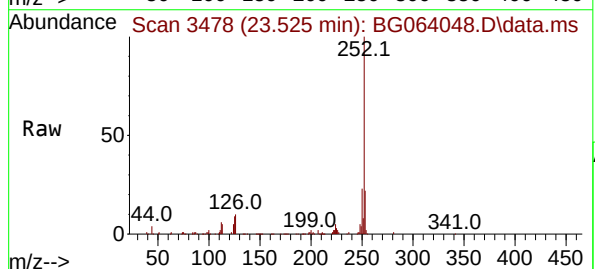
Manual Integrations  
APPROVED

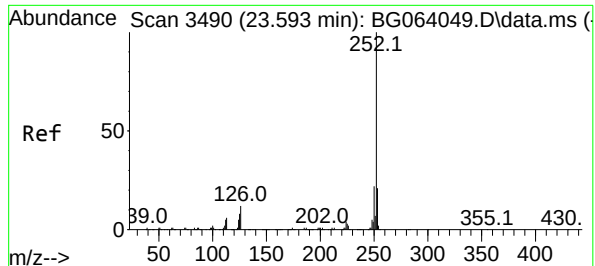
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#88  
Benzo(b)fluoranthene  
Concen: 20.998 ng  
RT: 23.525 min Scan# 3478  
Delta R.T. -0.004 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

Tgt Ion:252 Resp: 322554  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.0 25.4  
125 8.7 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 21.124 ng

RT: 23.590 min Scan# 34

Delta R.T. -0.004 min

Lab File: BG064048.D

Acq: 5 Mar 2025 11:03

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020

Tgt Ion:252 Resp: 32553

Ion Ratio Lower Upper

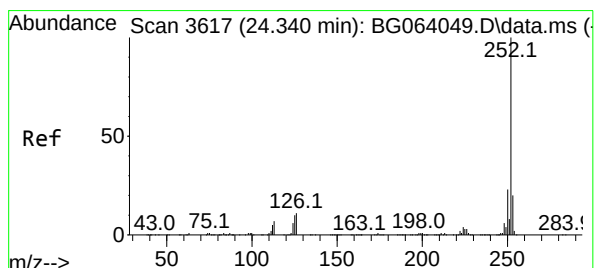
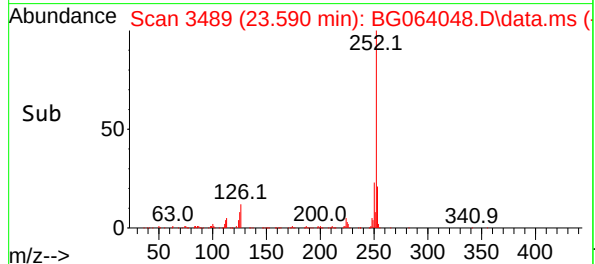
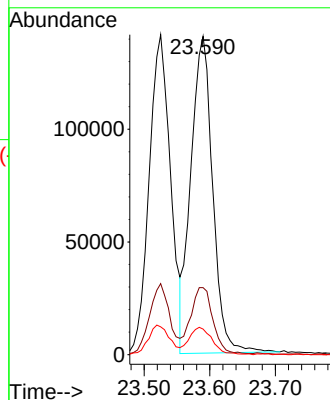
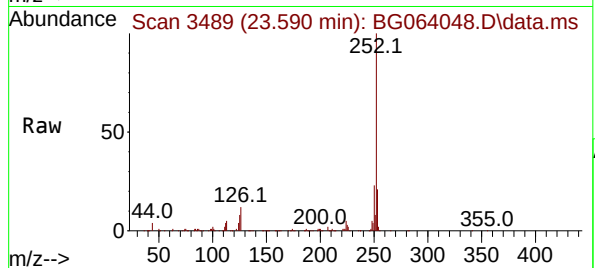
252 100

253 21.1 16.8 25.2

125 8.0 6.9 10.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

#90

Benzo(a)pyrene

Concen: 20.878 ng

RT: 24.330 min Scan# 3615

Delta R.T. -0.009 min

Lab File: BG064048.D

Acq: 5 Mar 2025 11:03

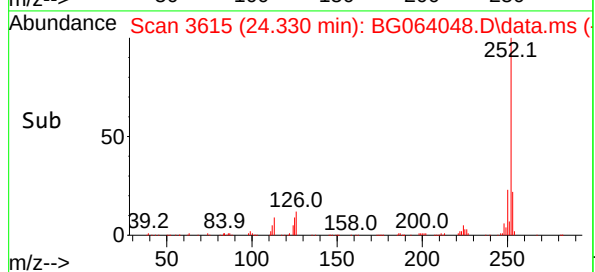
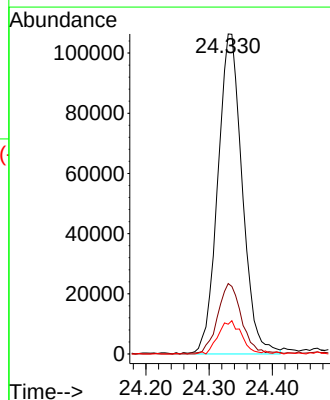
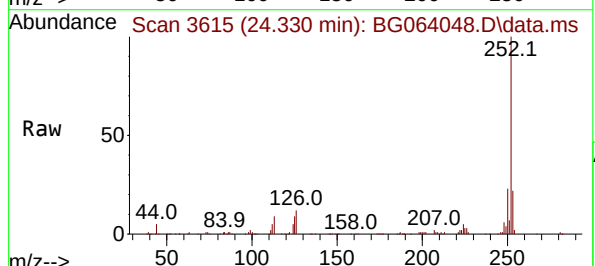
Tgt Ion:252 Resp: 285622

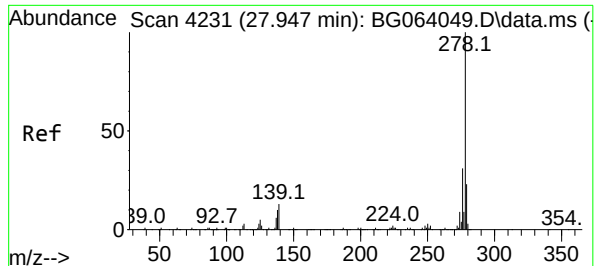
Ion Ratio Lower Upper

252 100

253 22.0 16.2 24.2

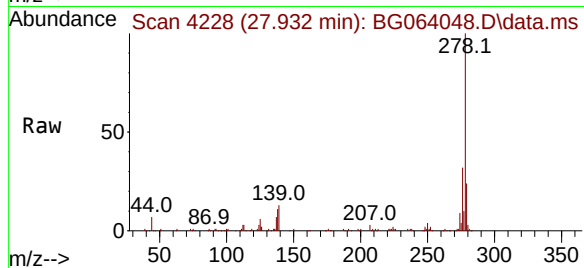
125 9.3 7.8 11.6





#91  
Dibenzo(a,h)anthracene  
Concen: 20.756 ng  
RT: 27.932 min Scan# 41  
Delta R.T. -0.015 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

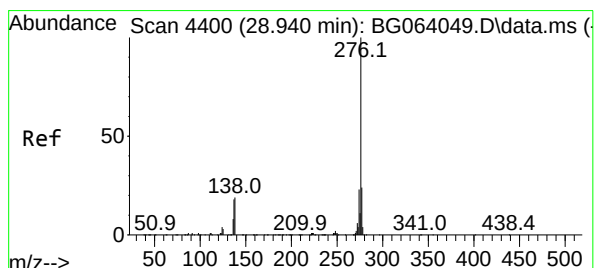
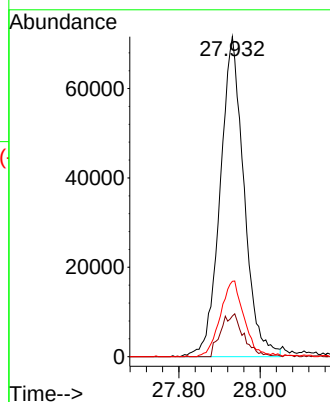
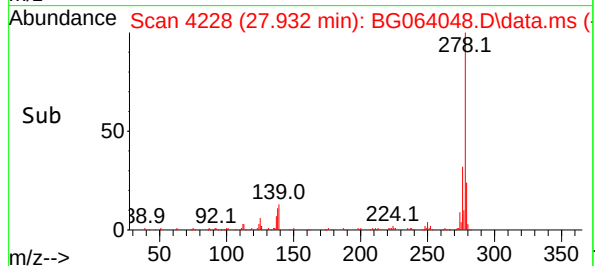
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion:278 Resp: 292558  
Ion Ratio Lower Upper  
278 100  
139 12.7 10.2 15.2  
279 23.6 18.1 27.1

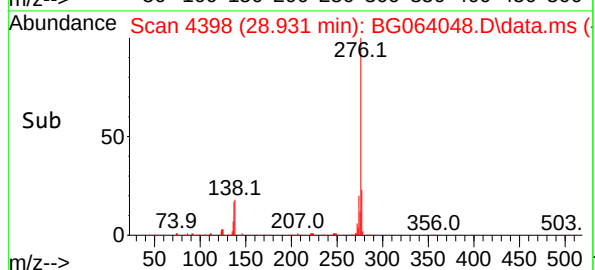
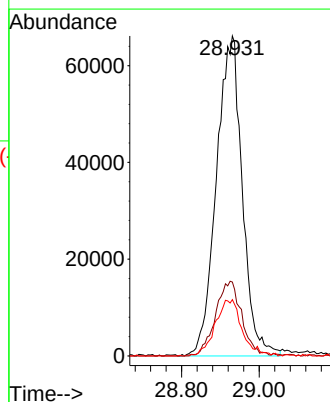
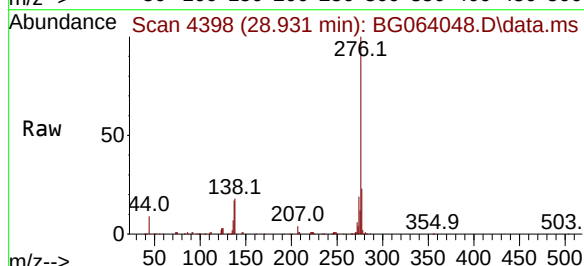
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#92  
Benzo(g,h,i)perylene  
Concen: 21.219 ng  
RT: 28.931 min Scan# 4398  
Delta R.T. -0.009 min  
Lab File: BG064048.D  
Acq: 5 Mar 2025 11:03

Tgt Ion:276 Resp: 307072  
Ion Ratio Lower Upper  
276 100  
277 23.1 19.5 29.3  
138 17.6 15.4 23.0



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030525\  
 Data File : BG064049.D  
 Acq On : 5 Mar 2025 11:43  
 Operator : RC/JU  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDICCC040

## Manual Integrations

## APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025

Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:23:15 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 05 14:45:06 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.865  | 152  | 36119    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.656 | 136  | 166592   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.486 | 164  | 113406   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.230 | 188  | 259291   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.461 | 240  | 272676   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.475 | 264  | 289801   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.450  | 112  | 195059   | 84.325 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.030  | 99   | 267026   | 84.856 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.016  | 82   | 256618   | 85.125 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.973 | 330  | 109187   | 86.616 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.117 | 172  | 620339   | 83.029 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.851 | 244  | 1089644  | 80.801 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.376  | 88   | 42253    | 40.305 | ng    | 100      |
| 3) Pyridine                   | 3.764  | 79   | 113639   | 44.572 | ng    | 100      |
| 4) n-Nitrosodimethylamine     | 3.681  | 42   | 76876    | 42.203 | ng    | 100      |
| 6) Aniline                    | 7.195  | 93   | 131468   | 42.576 | ng    | 100      |
| 8) 2-Chlorophenol             | 7.430  | 128  | 104423   | 42.032 | ng    | 100      |
| 9) Benzaldehyde               | 7.007  | 77   | 72458    | 39.392 | ng    | 100      |
| 10) Phenol                    | 7.054  | 94   | 135869   | 42.171 | ng    | 100      |
| 11) bis(2-Chloroethyl)ether   | 7.295  | 93   | 102203   | 40.462 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 7.759  | 146  | 111677   | 40.935 | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 7.900  | 146  | 114970   | 41.114 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 8.217  | 146  | 109760   | 40.705 | ng    | 100      |
| 15) Benzyl Alcohol            | 8.100  | 79   | 103751   | 42.666 | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 8.399  | 45   | 237053   | 41.738 | ng    | 100      |
| 17) 2-Methylphenol            | 8.299  | 107  | 91630    | 42.852 | ng    | 100      |
| 18) Hexachloroethane          | 8.946  | 117  | 41682    | 42.603 | ng    | 100      |
| 19) n-Nitroso-di-n-propyla... | 8.670  | 70   | 95587    | 43.283 | ng    | 100      |
| 20) 3+4-Methylphenols         | 8.629  | 107  | 123273   | 41.875 | ng    | 100      |
| 22) Acetophenone              | 8.681  | 105  | 187490   | 41.048 | ng    | 100      |
| 24) Nitrobenzene              | 9.057  | 77   | 132396   | 42.497 | ng    | 100      |
| 25) Isophorone                | 9.580  | 82   | 248096   | 41.117 | ng    | 100      |
| 26) 2-Nitrophenol             | 9.768  | 139  | 40684    | 39.553 | ng    | 100      |
| 27) 2,4-Dimethylphenol        | 9.827  | 122  | 76114    | 42.079 | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 10.068 | 93   | 147757   | 40.391 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.297 | 162  | 95738    | 41.916 | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 10.515 | 180  | 110636   | 40.125 | ng    | 100      |
| 31) Naphthalene               | 10.703 | 128  | 359362   | 40.004 | ng    | 100      |
| 32) Benzoic acid              | 9.974  | 122  | 57392m   | 37.004 | ng    |          |
| 33) 4-Chloroaniline           | 10.808 | 127  | 138722   | 42.251 | ng    | 100      |
| 34) Hexachlorobutadiene       | 10.996 | 225  | 72822    | 40.294 | ng    | 100      |
| 35) Caprolactam               | 11.578 | 113  | 36736    | 41.970 | ng    | 100      |
| 36) 4-Chloro-3-methylphenol   | 11.931 | 107  | 124422   | 41.558 | ng    | 100      |
| 37) 2-Methylnaphthalene       | 12.312 | 142  | 254296   | 40.099 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 12.530 | 142  | 250971   | 40.394 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.683 | 216  | 132854   | 41.034 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.665 | 237  | 39606    | 43.464 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 12.918 | 196  | 81144    | 42.524 | ng    | 100      |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030525\  
 Data File : BG064049.D  
 Acq On : 5 Mar 2025 11:43  
 Operator : RC/JU  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDICCC040

## Manual Integrations

## APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
 Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:23:15 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 05 14:45:06 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.988 | 196  | 92122    | 43.449 | ng    | 100      |
| 46) 1,1'-Biphenyl             | 13.323 | 154  | 348881   | 40.719 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.364 | 162  | 255541   | 40.894 | ng    | 100      |
| 48) 2-Nitroaniline            | 13.564 | 65   | 78919    | 39.603 | ng    | 100      |
| 49) Acenaphthylene            | 14.210 | 152  | 405756   | 41.052 | ng    | 100      |
| 50) Dimethylphthalate         | 13.952 | 163  | 344791   | 41.187 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.063 | 165  | 66200    | 39.610 | ng    | 100      |
| 52) Acenaphthene              | 14.557 | 154  | 269147m  | 40.492 | ng    |          |
| 53) 3-Nitroaniline            | 14.386 | 138  | 71724    | 44.330 | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 14.592 | 184  | 22778    | 36.881 | ng    | 100      |
| 55) Dibenzofuran              | 14.886 | 168  | 440253   | 40.970 | ng    | 100      |
| 56) 4-Nitrophenol             | 14.692 | 139  | 58316    | 42.977 | ng    | 100      |
| 57) 2,4-Dinitrotoluene        | 14.845 | 165  | 91658    | 39.789 | ng    | 100      |
| 58) Fluorene                  | 15.538 | 166  | 335238   | 40.055 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.109 | 232  | 89594    | 43.345 | ng    | 100      |
| 60) Diethylphthalate          | 15.321 | 149  | 378464   | 41.645 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.538 | 204  | 166615   | 40.061 | ng    | 100      |
| 62) 4-Nitroaniline            | 15.550 | 138  | 78323    | 44.838 | ng    | 100      |
| 63) Azobenzene                | 15.826 | 77   | 398816   | 41.125 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 15.609 | 198  | 38647    | 36.802 | ng    | 100      |
| 66) n-Nitrosodiphenylamine    | 15.744 | 169  | 299980   | 40.872 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.425 | 248  | 109095   | 41.081 | ng    | 100      |
| 68) Hexachlorobenzene         | 16.537 | 284  | 118787   | 39.954 | ng    | 100      |
| 69) Atrazine                  | 16.696 | 200  | 82729    | 38.309 | ng    | 100      |
| 70) Pentachlorophenol         | 16.878 | 266  | 77264    | 41.856 | ng    | 100      |
| 71) Phenanthrene              | 17.271 | 178  | 560184   | 40.505 | ng    | 100      |
| 72) Anthracene                | 17.365 | 178  | 562891   | 40.932 | ng    | 100      |
| 73) Carbazole                 | 17.630 | 167  | 532467   | 41.470 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.206 | 149  | 652013   | 43.141 | ng    | 100      |
| 75) Fluoranthene              | 19.281 | 202  | 683664   | 41.004 | ng    | 100      |
| 77) Benzidine                 | 19.463 | 184  | 170880   | 44.641 | ng    | 100      |
| 78) Pyrene                    | 19.645 | 202  | 714571   | 40.653 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.544 | 149  | 253637   | 39.178 | ng    | 100      |
| 81) Benzo(a)anthracene        | 21.443 | 228  | 710573   | 40.681 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.367 | 252  | 245252   | 43.385 | ng    | 100      |
| 83) Chrysene                  | 21.508 | 228  | 712310   | 40.888 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.378 | 149  | 412893   | 43.709 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.530 | 149  | 675516   | 41.459 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 27.877 | 276  | 797387   | 41.124 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 23.529 | 252  | 704588   | 40.217 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 23.593 | 252  | 727467   | 41.391 | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.340 | 252  | 641802   | 41.134 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 27.947 | 278  | 656435   | 40.836 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 28.940 | 276  | 667911   | 40.469 | ng    | 100      |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

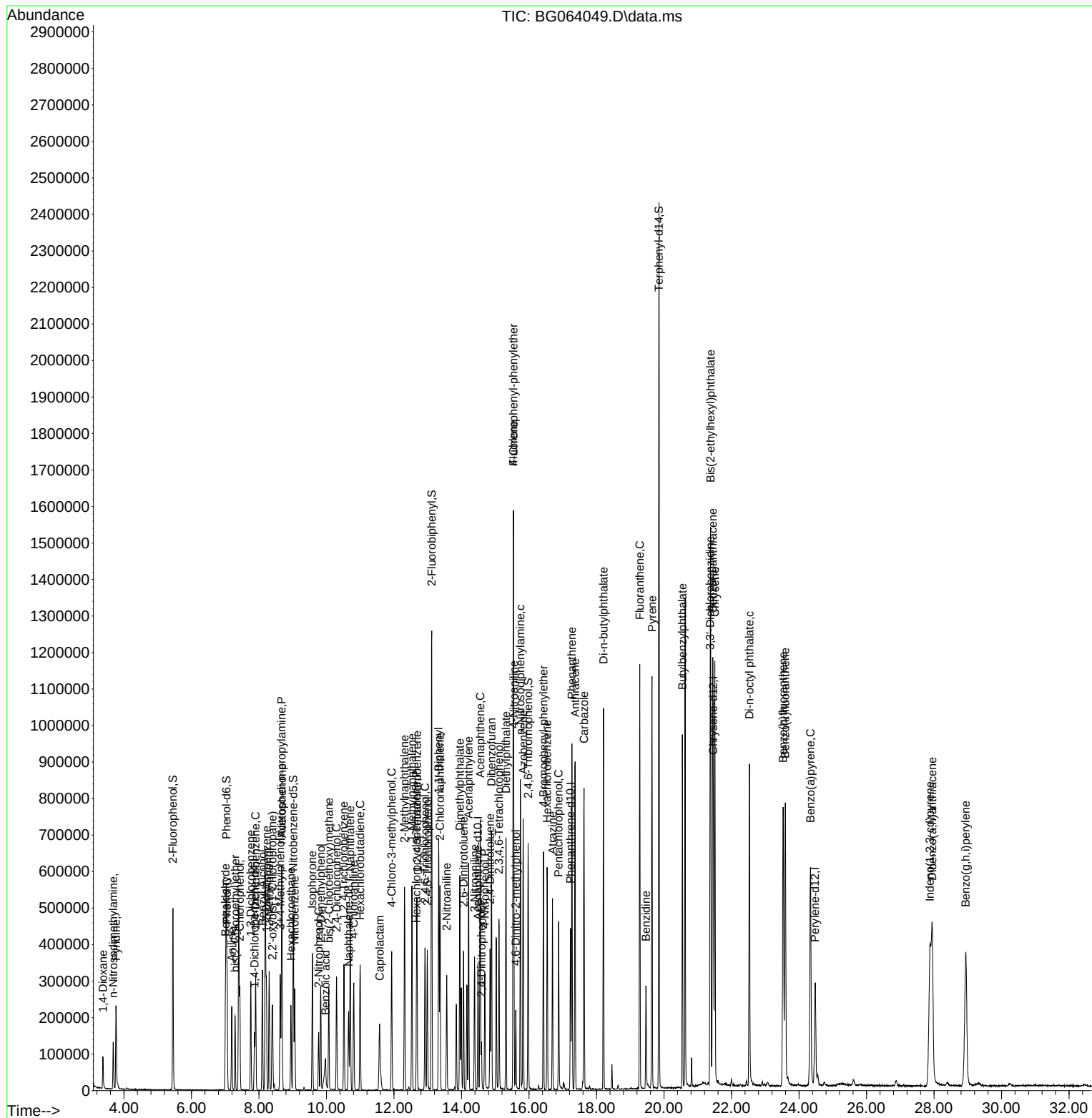
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 Data File : BG064049.D  
 Acq On : 5 Mar 2025 11:43  
 Operator : RC/JU  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

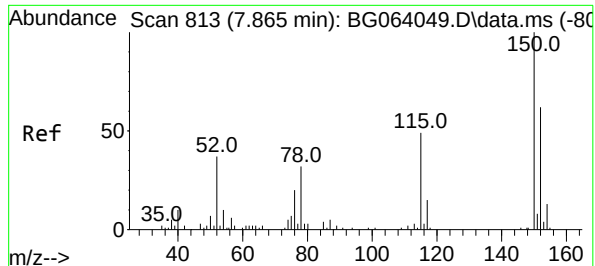
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICCC040

### Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
 Supervised By :mohammad ahmed 03/07/2025

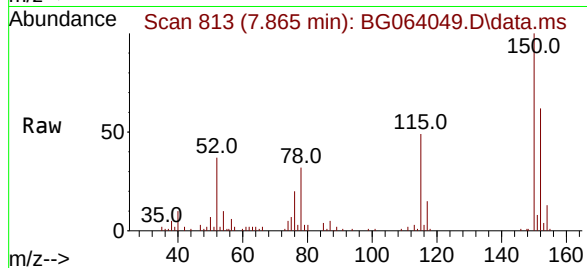
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 05 14:45:06 2025  
 Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.865 min Scan# 813  
Delta R.T. -0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

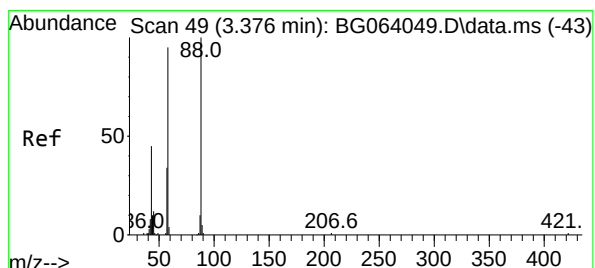
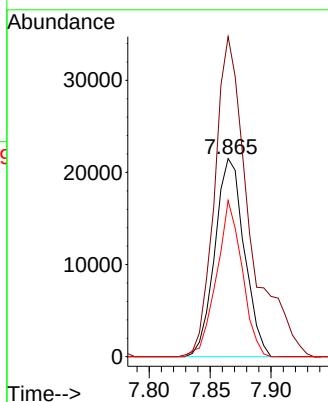
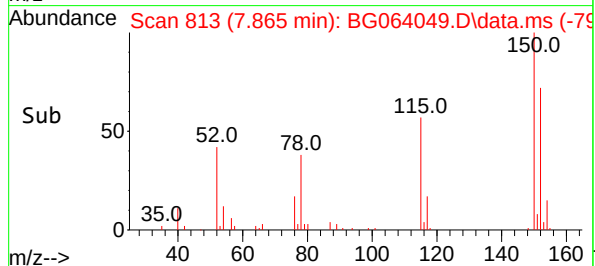
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:152 Resp: 36119  
Ion Ratio Lower Upper  
152 100  
150 161.5 129.2 193.8  
115 78.8 63.0 94.6

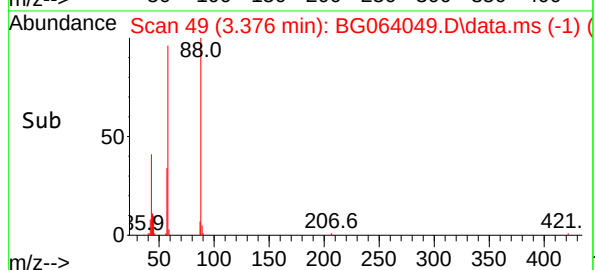
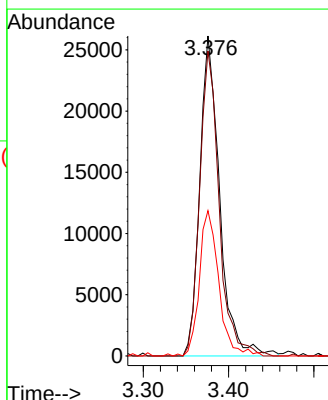
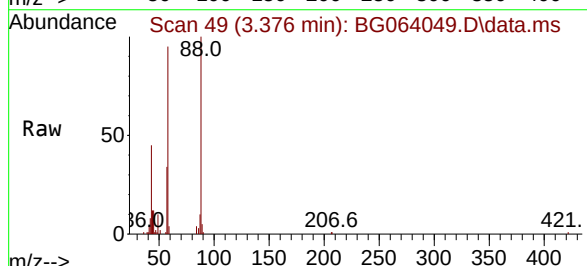
Manual Integrations  
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Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

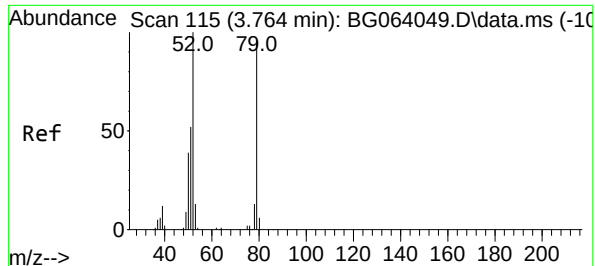


#2  
1,4-Dioxane  
Concen: 40.305 ng  
RT: 3.376 min Scan# 49  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

Tgt Ion: 88 Resp: 42253  
Ion Ratio Lower Upper  
88 100  
58 93.2 74.6 111.8  
43 44.4 35.5 53.3

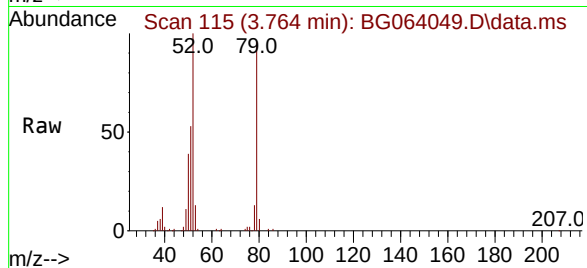






#3  
Pyridine  
Concen: 44.572 ng  
RT: 3.764 min Scan# 115  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

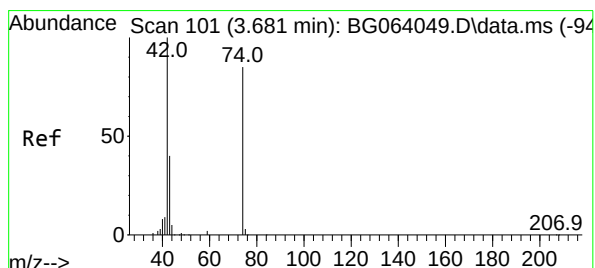
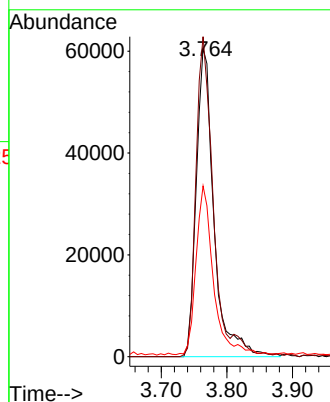
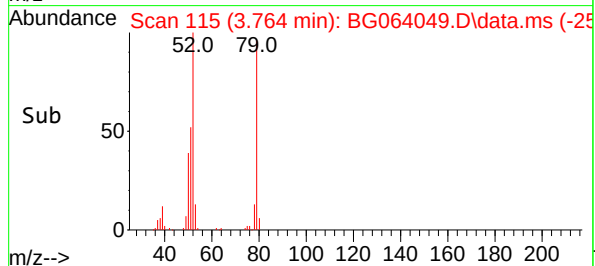
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion: 79 Resp: 113639  
Ion Ratio Lower Upper  
79 100  
52 103.8 83.0 124.6  
51 55.4 44.3 66.5

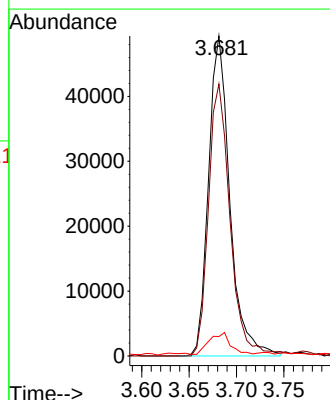
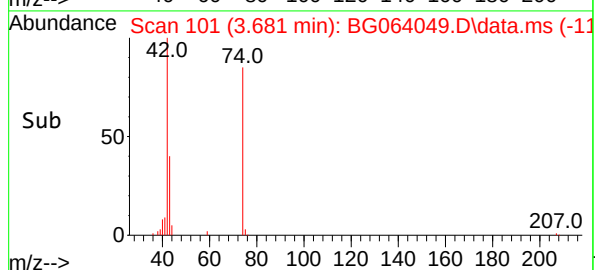
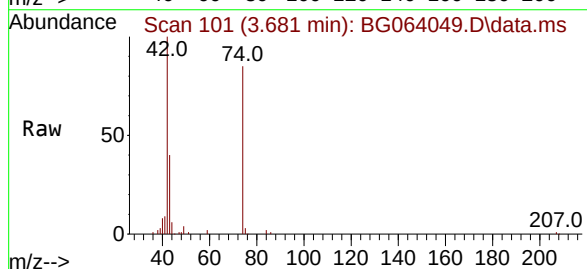
Manual Integrations  
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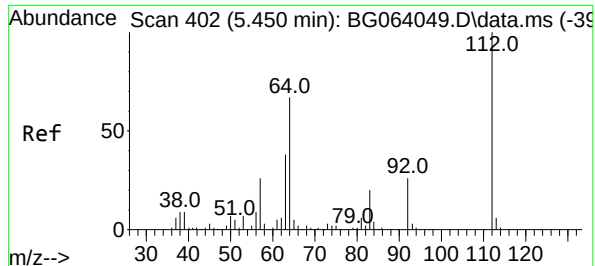
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#4  
n-Nitrosodimethylamine  
Concen: 42.203 ng  
RT: 3.681 min Scan# 101  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

Tgt Ion: 42 Resp: 76876  
Ion Ratio Lower Upper  
42 100  
74 85.0 68.0 102.0  
44 6.1 4.9 7.3





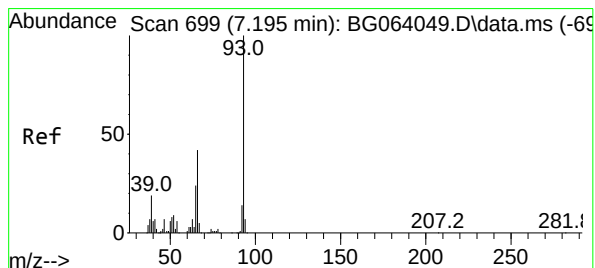
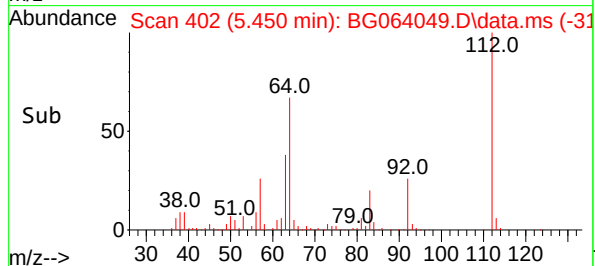
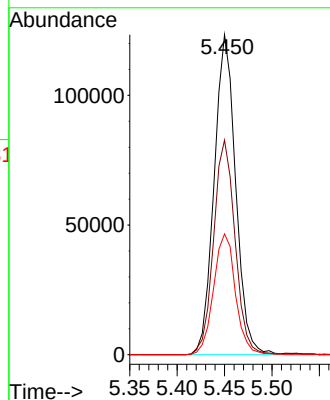
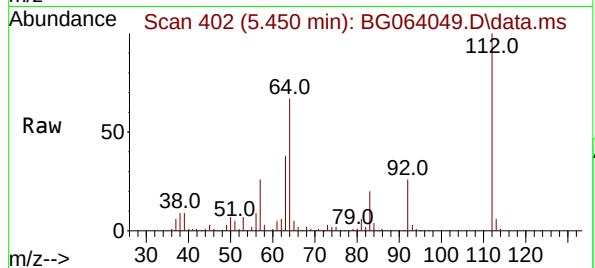
#5  
2-Fluorophenol  
Concen: 84.325 ng  
RT: 5.450 min Scan# 402  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

Tgt Ion:112 Resp: 195059  
Ion Ratio Lower Upper  
112 100  
64 67.1 53.7 80.5  
63 37.8 30.2 45.4

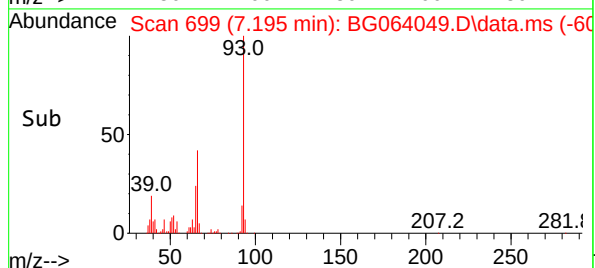
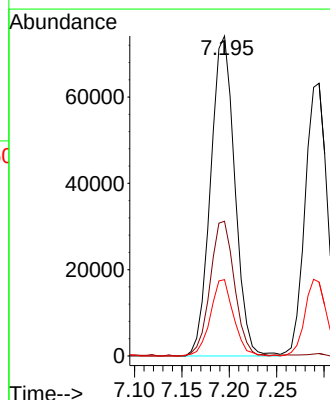
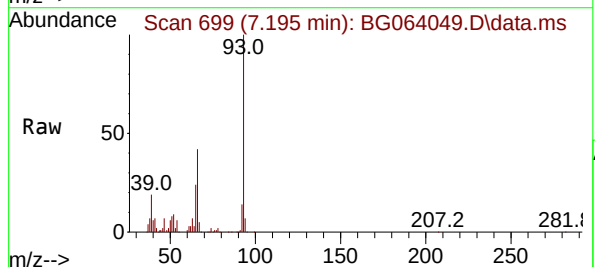
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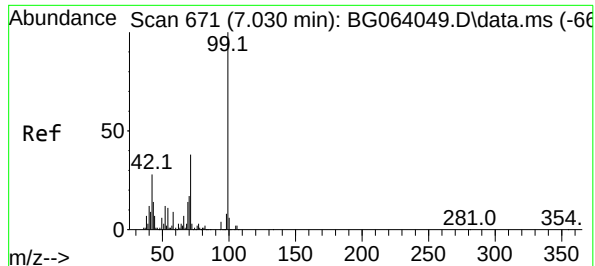
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#6  
Aniline  
Concen: 42.576 ng  
RT: 7.195 min Scan# 699  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

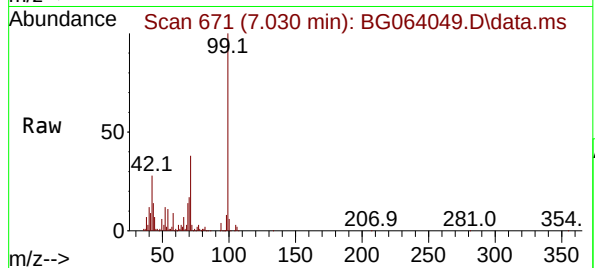
Tgt Ion: 93 Resp: 131468  
Ion Ratio Lower Upper  
93 100  
66 42.1 33.7 50.5  
65 23.9 19.1 28.7





#7  
Phenol-d6  
Concen: 84.856 ng  
RT: 7.030 min Scan# 671  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

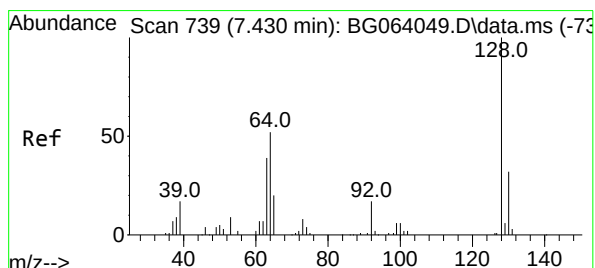
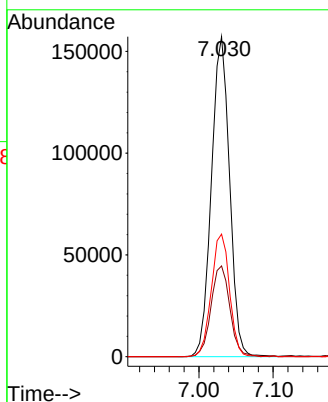
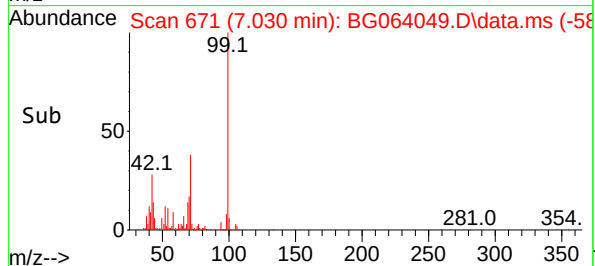
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion: 99 Resp: 267020  
Ion Ratio Lower Upper  
99 100  
42 28.4 22.7 34.1  
71 38.3 30.6 46.0

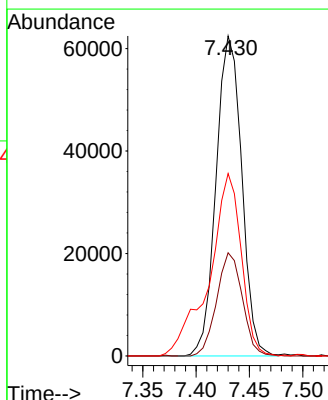
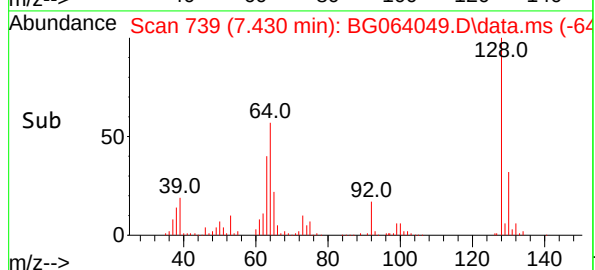
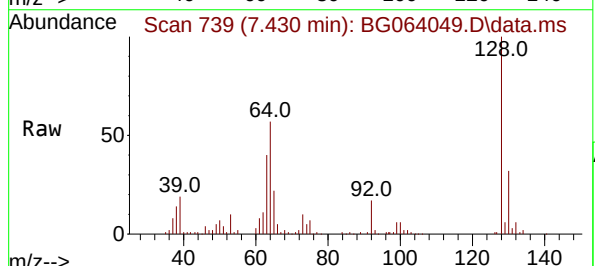
Manual Integrations  
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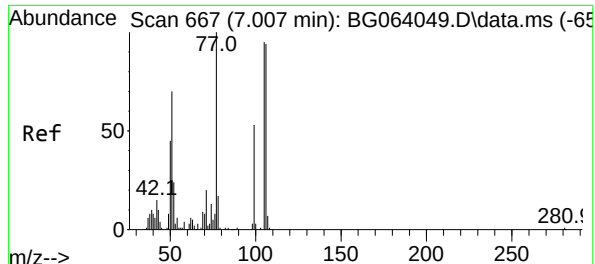
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#8  
2-Chlorophenol  
Concen: 42.032 ng  
RT: 7.430 min Scan# 739  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

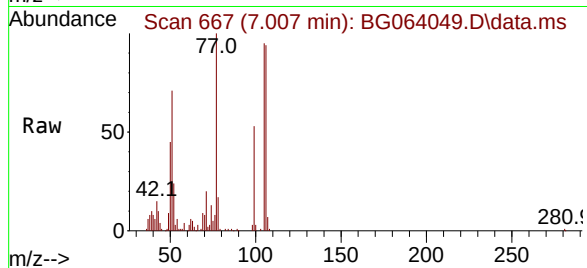
Tgt Ion:128 Resp: 104423  
Ion Ratio Lower Upper  
128 100  
130 32.3 12.3 52.3  
64 57.0 37.0 77.0





#9  
Benzaldehyde  
Concen: 39.392 ng  
RT: 7.007 min Scan# 667  
Delta R.T. -0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

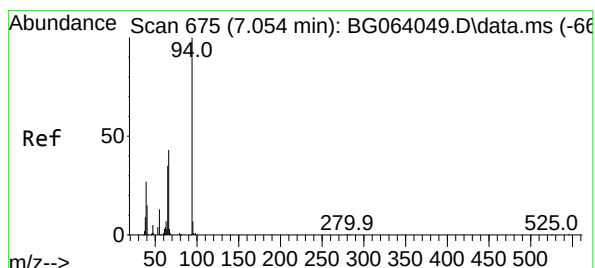
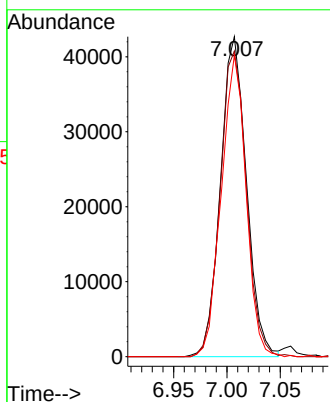
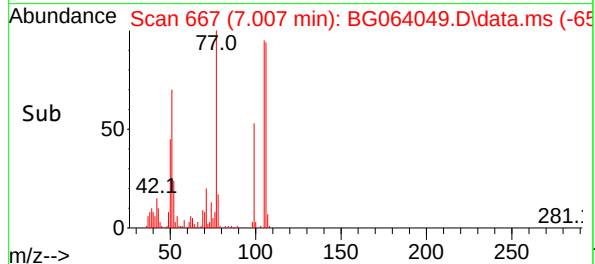
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion: 77 Resp: 72458  
Ion Ratio Lower Upper  
77 100  
105 95.5 75.5 115.5  
106 94.2 74.2 114.2

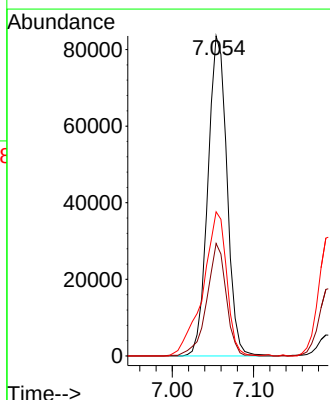
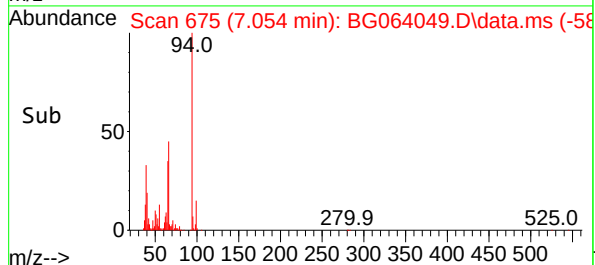
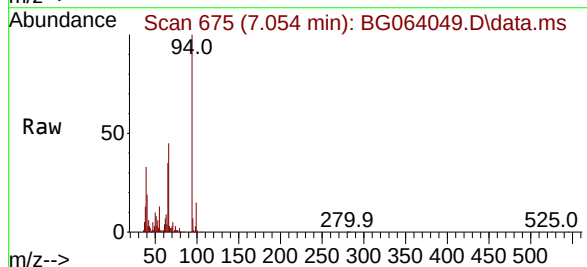
Manual Integrations  
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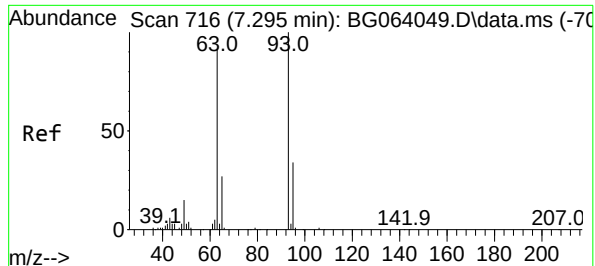
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#10  
Phenol  
Concen: 42.171 ng  
RT: 7.054 min Scan# 675  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

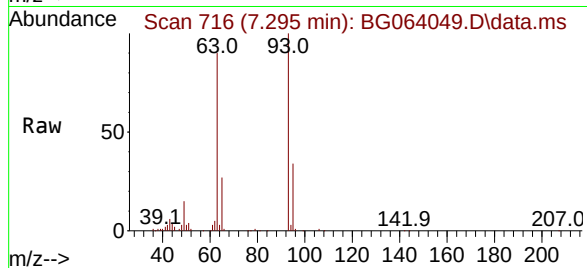
Tgt Ion: 94 Resp: 135869  
Ion Ratio Lower Upper  
94 100  
65 35.2 15.2 55.2  
66 45.1 25.1 65.1





#11  
bis(2-Chloroethyl)ether  
Concen: 40.462 ng  
RT: 7.295 min Scan# 716  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

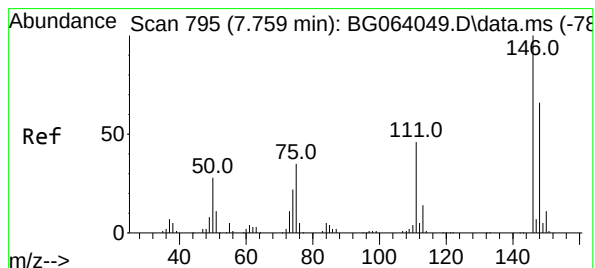
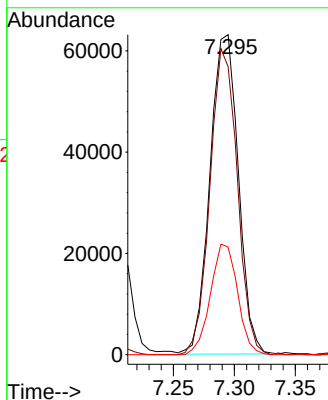
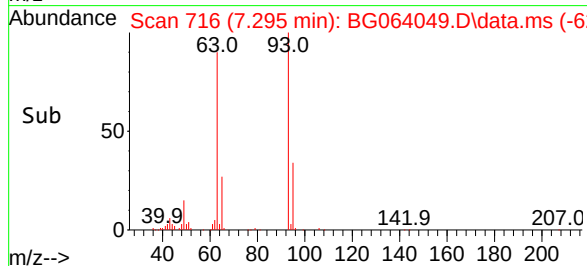
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion: 93 Resp: 10220  
Ion Ratio Lower Upper  
93 100  
63 90.0 70.0 110.0  
95 33.7 13.7 53.7

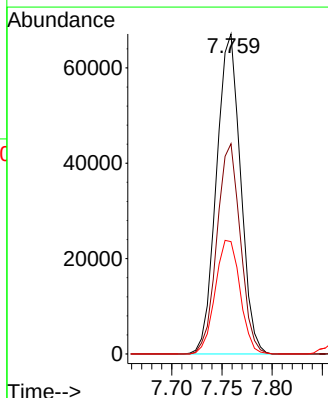
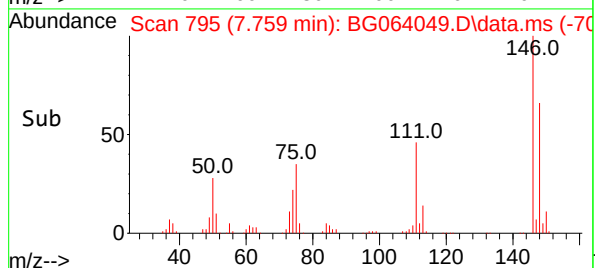
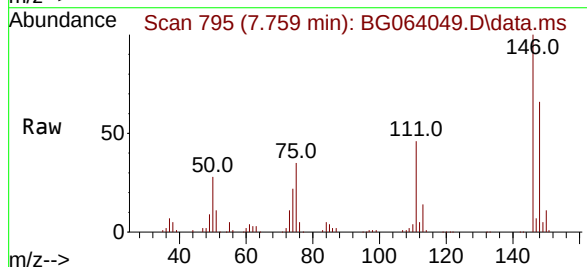
Manual Integrations  
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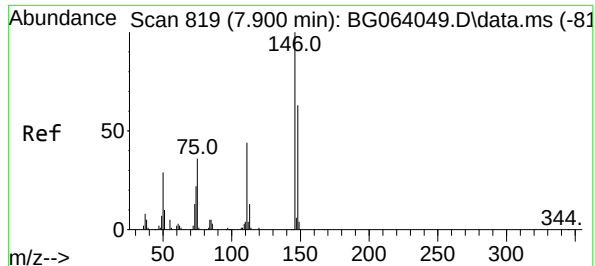
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#12  
1,3-Dichlorobenzene  
Concen: 40.935 ng  
RT: 7.759 min Scan# 795  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

Tgt Ion:146 Resp: 111677  
Ion Ratio Lower Upper  
146 100  
148 65.7 52.6 78.8  
75 35.1 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 41.114 ng

RT: 7.900 min Scan# 819

Delta R.T. 0.000 min

Lab File: BG064049.D

Acq: 5 Mar 2025 11:43

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

Tgt Ion:146 Resp: 114970

Ion Ratio Lower Upper

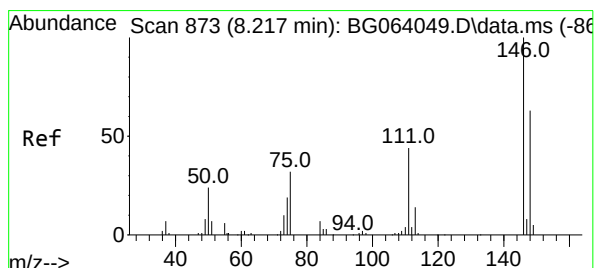
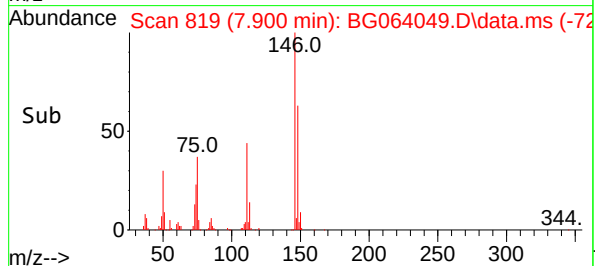
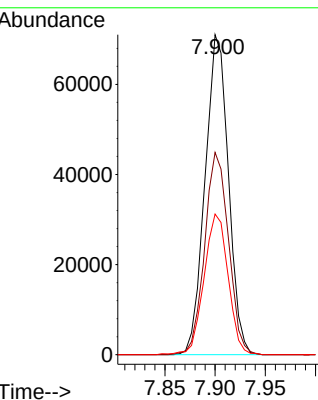
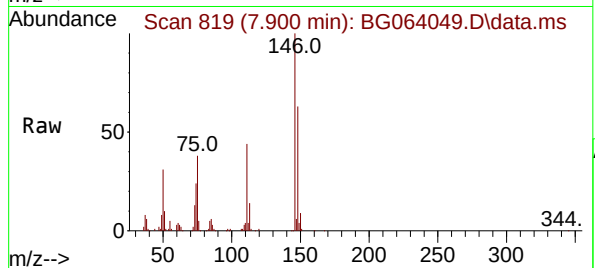
146 100

148 63.2 50.6 75.8

111 43.9 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

#14

1,2-Dichlorobenzene

Concen: 40.705 ng

RT: 8.217 min Scan# 873

Delta R.T. 0.000 min

Lab File: BG064049.D

Acq: 5 Mar 2025 11:43

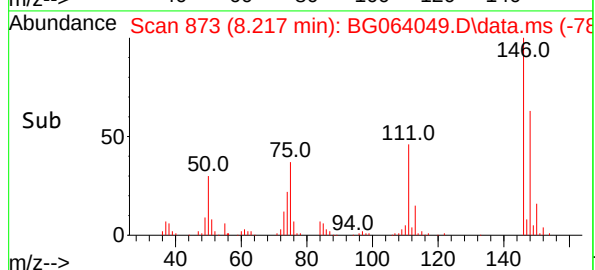
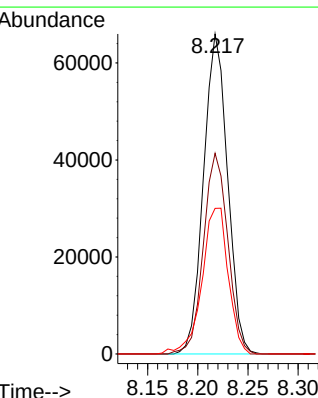
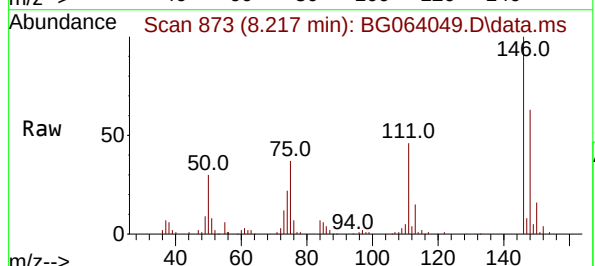
Tgt Ion:146 Resp: 109760

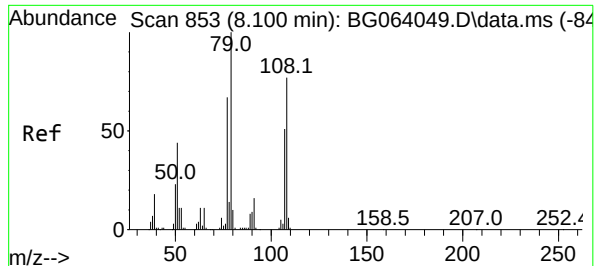
Ion Ratio Lower Upper

146 100

148 62.7 50.2 75.2

111 45.5 36.4 54.6





#15

Benzyl Alcohol

Concen: 42.666 ng

RT: 8.100 min Scan# 853

Delta R.T. 0.000 min

Lab File: BG064049.D

Acq: 5 Mar 2025 11:43

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

Tgt Ion: 79 Resp: 10375

Ion Ratio Lower Upper

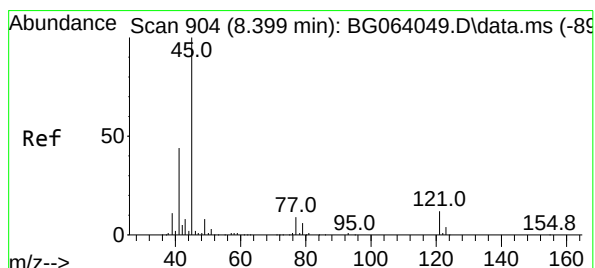
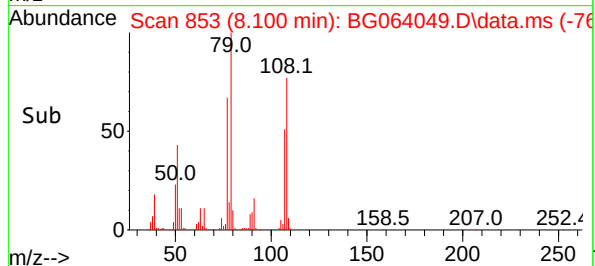
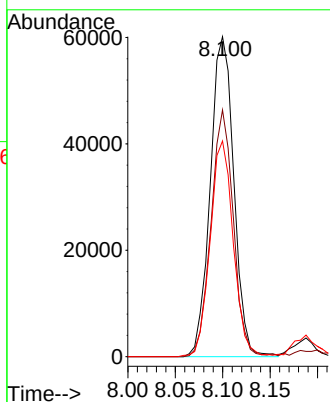
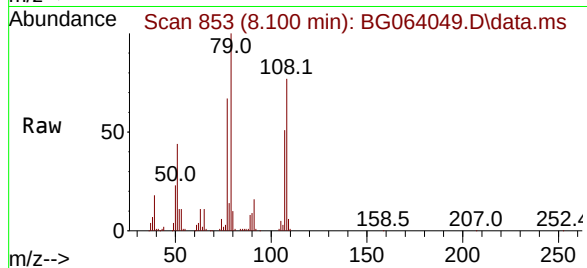
79 100

108 77.1 61.7 92.5

77 67.4 53.9 80.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.738 ng

RT: 8.399 min Scan# 904

Delta R.T. 0.000 min

Lab File: BG064049.D

Acq: 5 Mar 2025 11:43

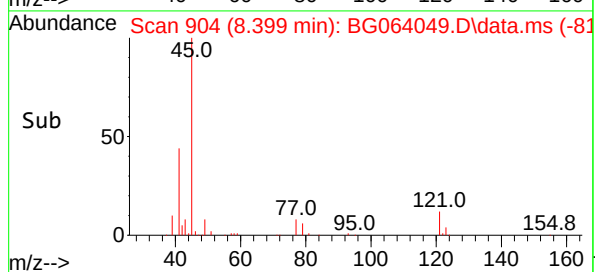
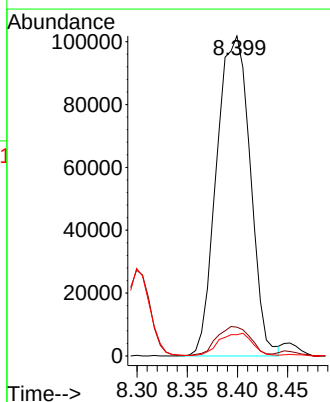
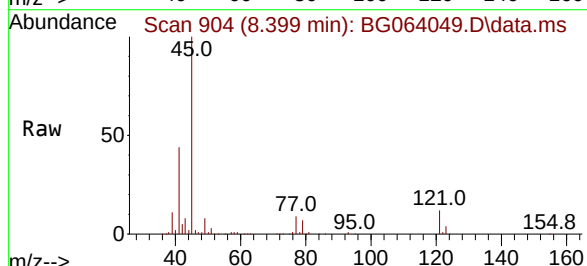
Tgt Ion: 45 Resp: 237053

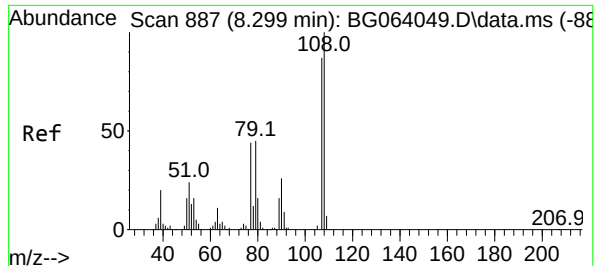
Ion Ratio Lower Upper

45 100

77 9.0 0.0 29.0

79 6.6 0.0 26.6





#17

2-Methylphenol

Concen: 42.852 ng

RT: 8.299 min Scan# 887

Delta R.T. 0.000 min

Lab File: BG064049.D

Acq: 5 Mar 2025 11:43

Instrument :

BNA\_G

ClientSampleId :

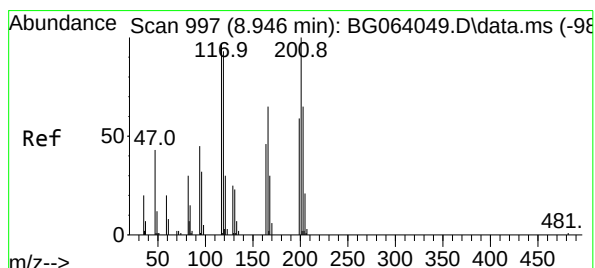
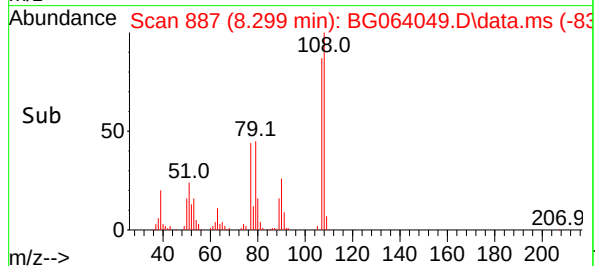
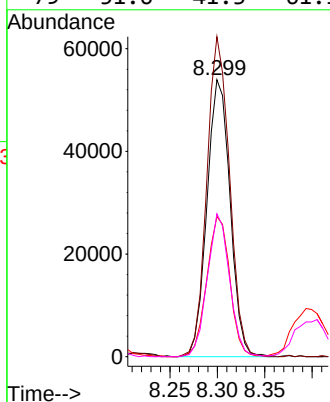
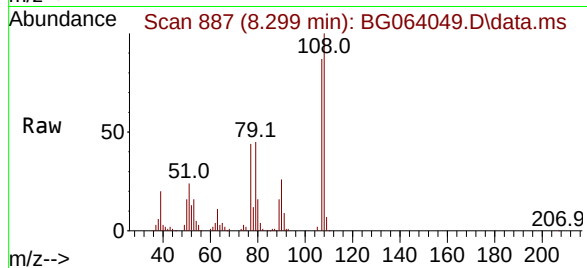
SSTDICCC040

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 107   | Resp: | 91630 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 115.6 | 92.5  | 138.7 |
| 77        | 50.6  | 40.5  | 60.7  |
| 79        | 51.6  | 41.3  | 61.9  |

## Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#18

Hexachloroethane

Concen: 42.603 ng

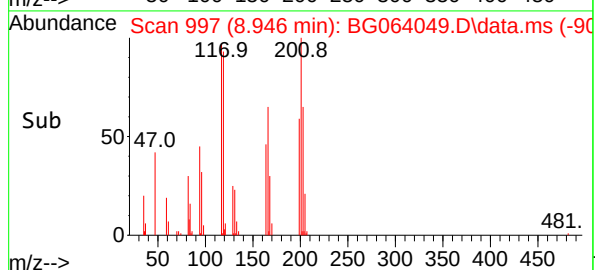
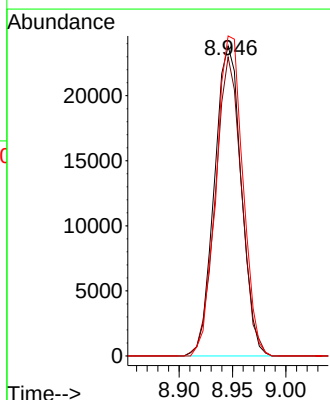
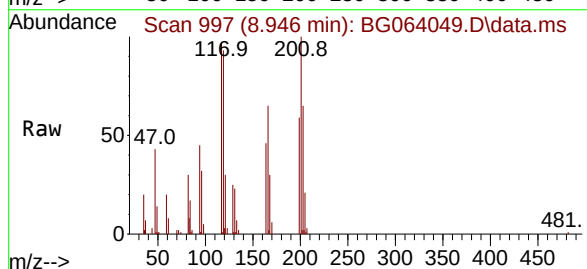
RT: 8.946 min Scan# 997

Delta R.T. 0.000 min

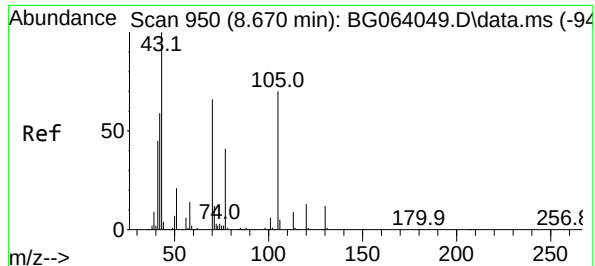
Lab File: BG064049.D

Acq: 5 Mar 2025 11:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 41682 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 95.2  | 76.2  | 114.2 |
| 201       | 101.9 | 81.5  | 122.3 |







#19

n-Nitroso-di-n-propylamine

Concen: 43.283 ng

RT: 8.670 min Scan# 950

Delta R.T. 0.000 min

Lab File: BG064049.D

Acq: 5 Mar 2025 11:43

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 9558

Ion Ratio Lower Upper

70 100

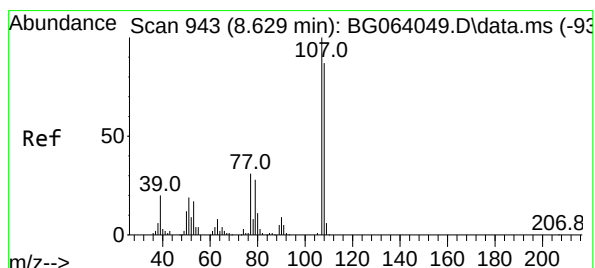
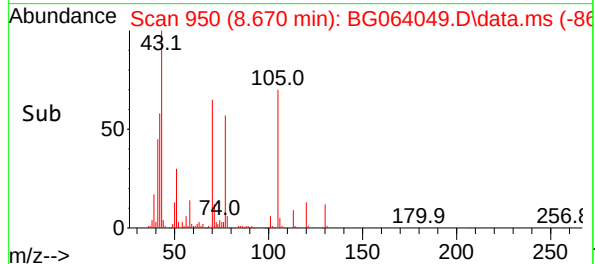
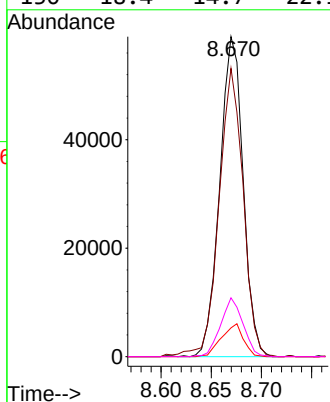
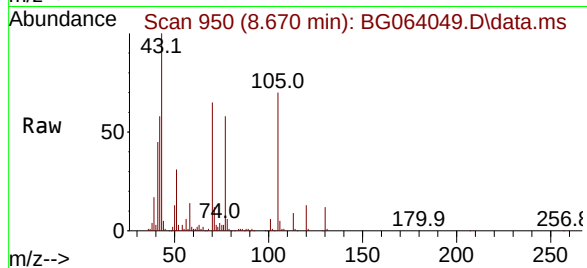
42 90.1 72.1 108.1

101 9.0 7.2 10.8

130 18.4 14.7 22.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

#20

3+4-Methylphenols

Concen: 41.875 ng

RT: 8.629 min Scan# 943

Delta R.T. 0.000 min

Lab File: BG064049.D

Acq: 5 Mar 2025 11:43

Tgt Ion:107 Resp: 123273

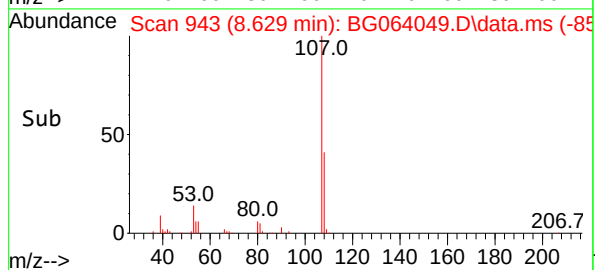
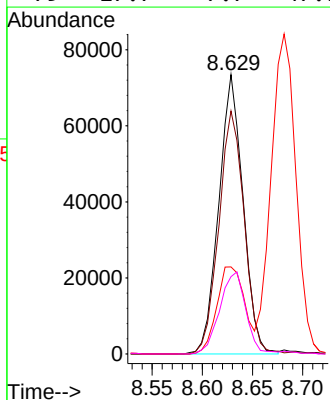
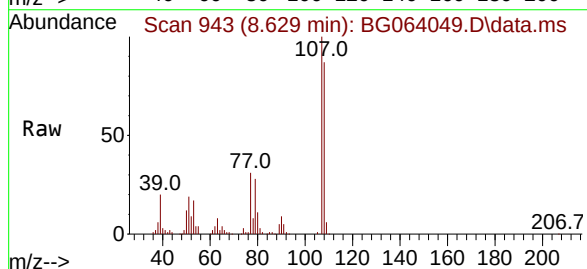
Ion Ratio Lower Upper

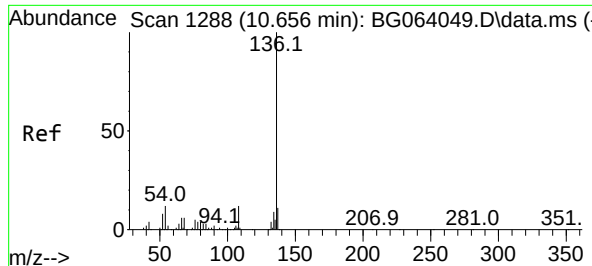
107 100

108 87.0 67.0 107.0

77 31.2 11.2 51.2

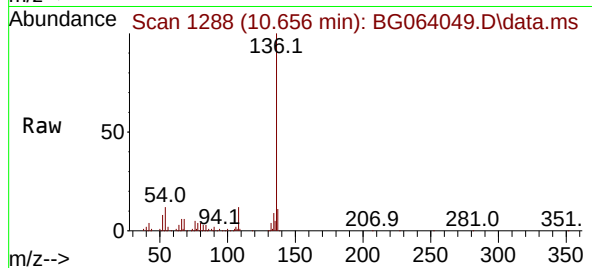
79 27.7 7.7 47.7





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.656 min Scan# 1288  
Delta R.T. -0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

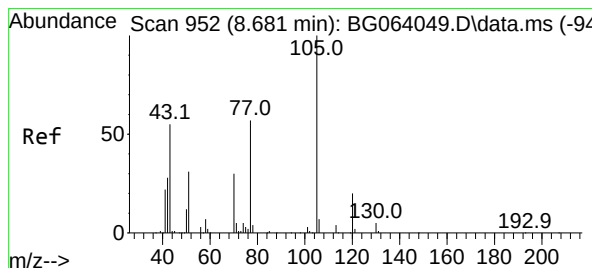
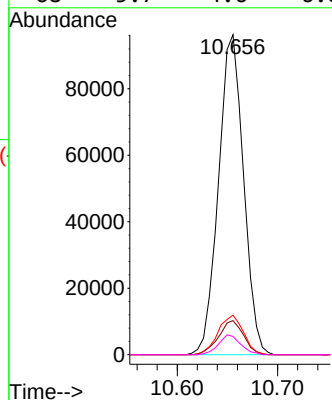
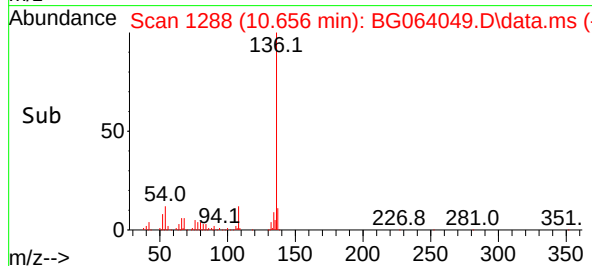
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:136 Resp: 166592  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.5 12.7  
54 12.4 9.9 14.9  
68 5.7 4.6 6.8

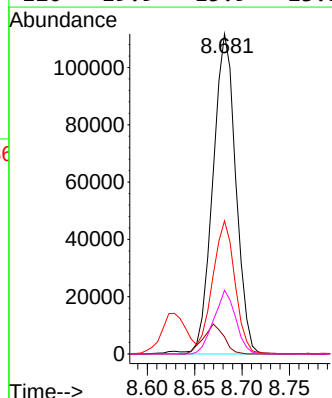
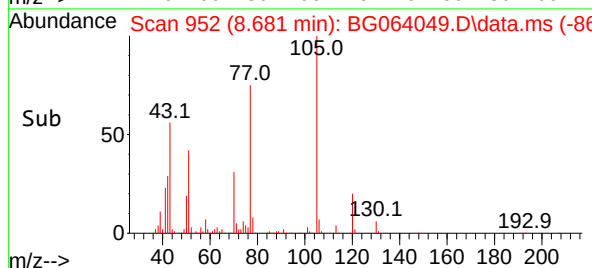
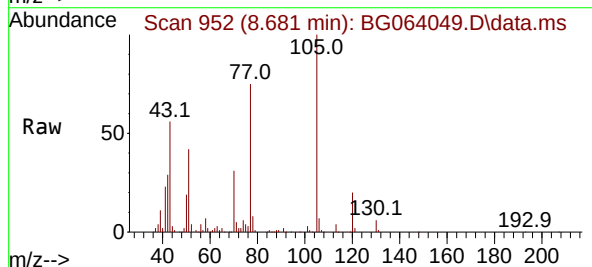
Manual Integrations  
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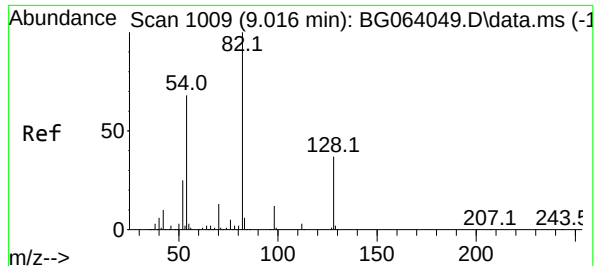
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#22  
Acetophenone  
Concen: 41.048 ng  
RT: 8.681 min Scan# 952  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

Tgt Ion:105 Resp: 187490  
Ion Ratio Lower Upper  
105 100  
71 5.3 4.2 6.4  
51 41.6 33.3 49.9  
120 19.9 15.9 23.9





#23

Nitrobenzene-d5

Concen: 85.125 ng

RT: 9.016 min Scan# 1009

Delta R.T. 0.000 min

Lab File: BG064049.D

Acq: 5 Mar 2025 11:43

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 256618

Ion Ratio Lower Upper

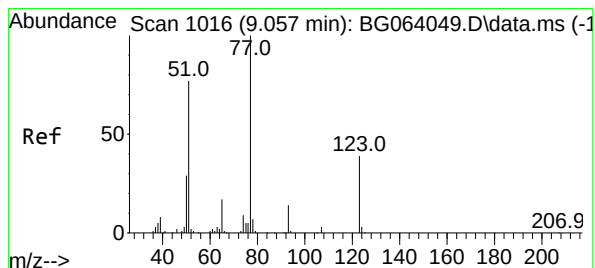
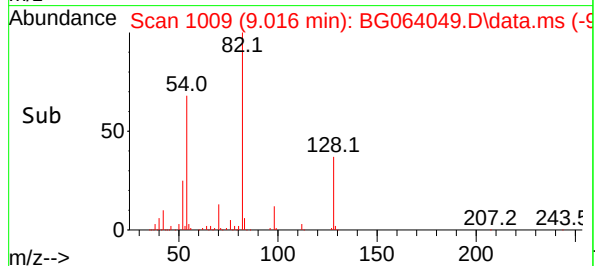
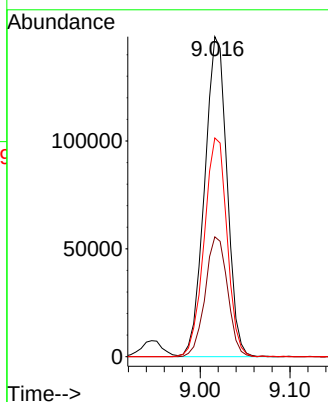
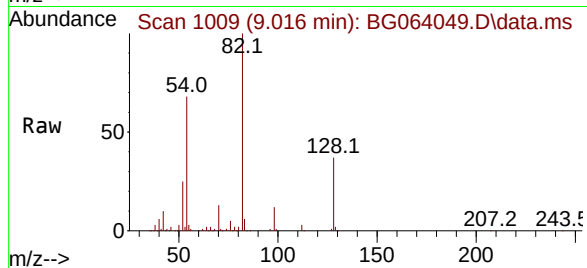
82 100

128 37.5 30.0 45.0

54 68.4 54.7 82.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

#24

Nitrobenzene

Concen: 42.497 ng

RT: 9.057 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BG064049.D

Acq: 5 Mar 2025 11:43

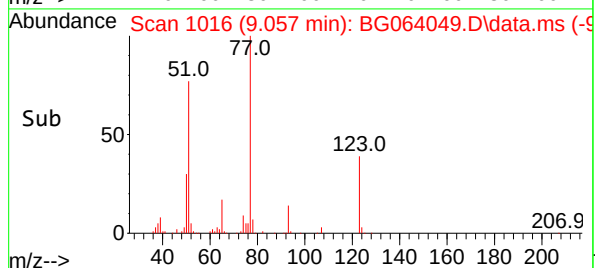
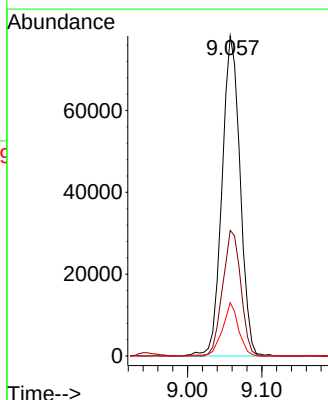
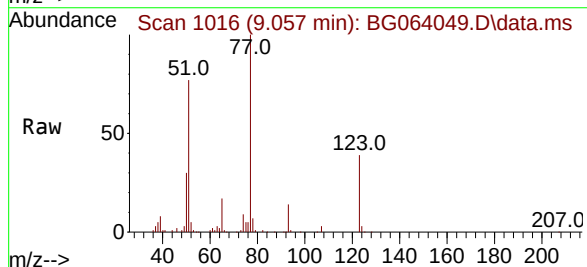
Tgt Ion: 77 Resp: 132396

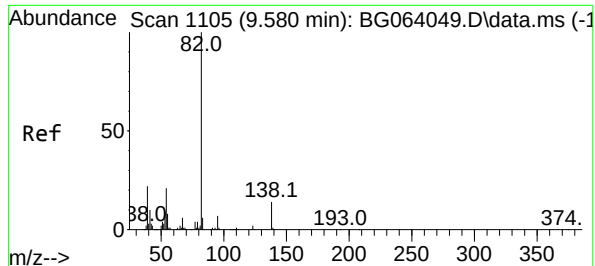
Ion Ratio Lower Upper

77 100

123 39.3 31.4 47.2

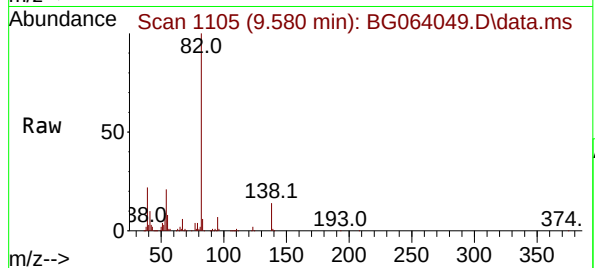
65 16.7 13.4 20.0





#25  
Isophorone  
Concen: 41.117 ng  
RT: 9.580 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

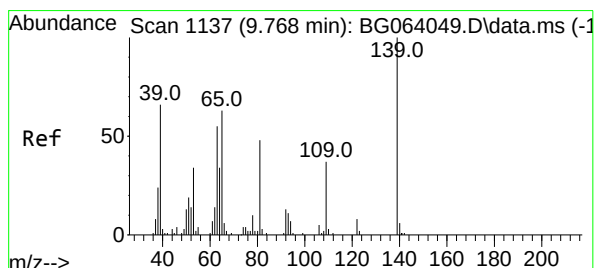
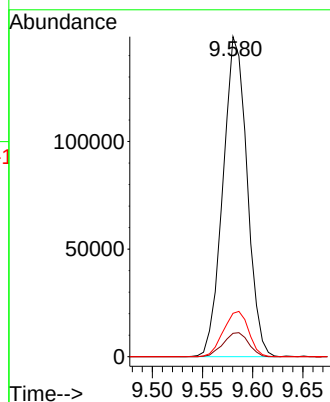
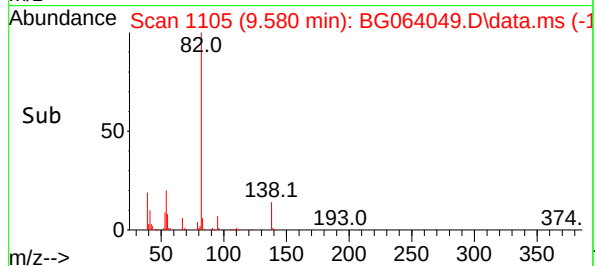
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion: 82 Resp: 248090  
Ion Ratio Lower Upper  
82 100  
95 7.3 5.8 8.8  
138 13.6 10.9 16.3

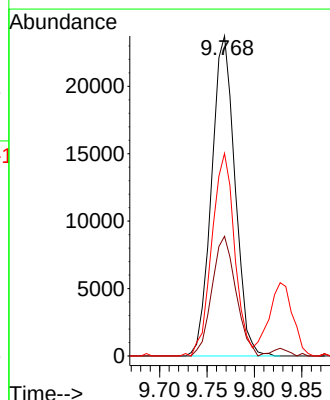
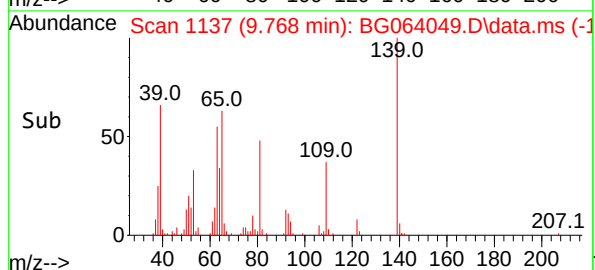
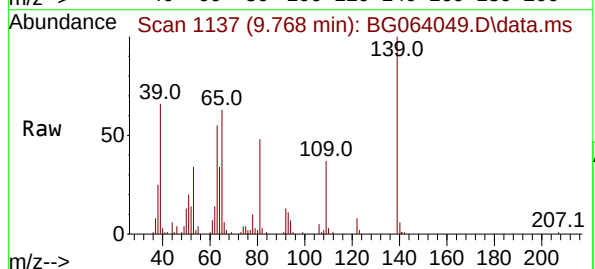
Manual Integrations  
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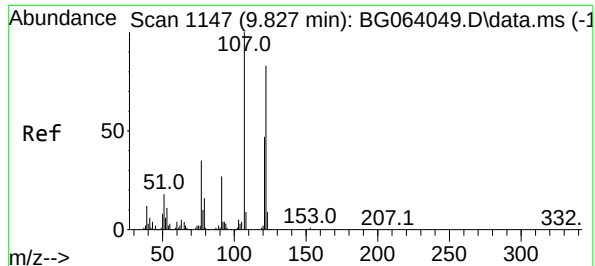
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#26  
2-Nitrophenol  
Concen: 39.553 ng  
RT: 9.768 min Scan# 1137  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

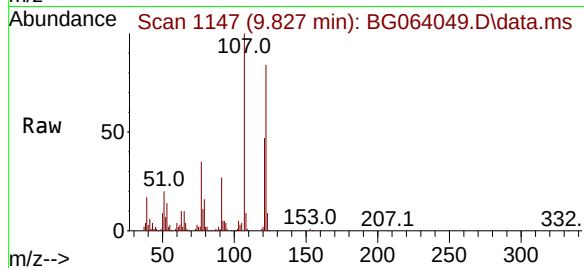
Tgt Ion:139 Resp: 40684  
Ion Ratio Lower Upper  
139 100  
109 37.4 29.9 44.9  
65 63.3 50.6 76.0





#27  
2,4-Dimethylphenol  
Concen: 42.079 ng  
RT: 9.827 min Scan# 1147  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

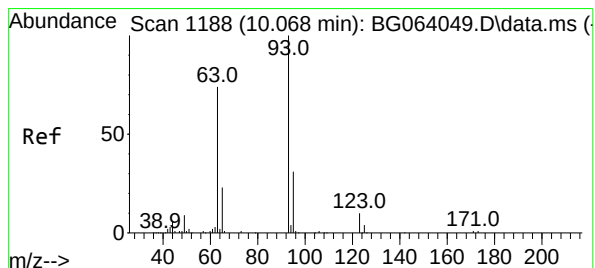
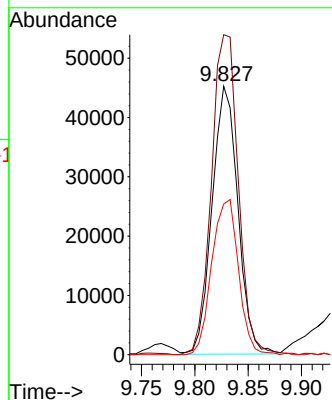
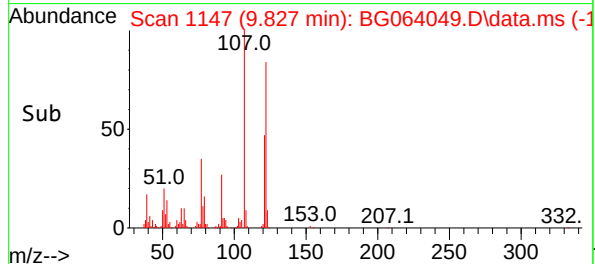
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:122 Resp: 76114  
Ion Ratio Lower Upper  
122 100  
107 119.2 95.4 143.0  
121 56.1 44.9 67.3

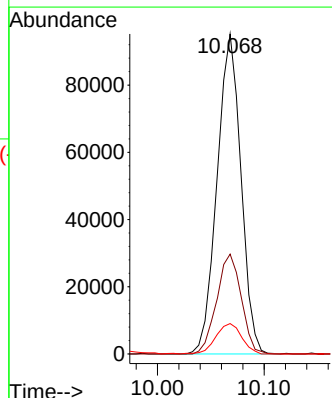
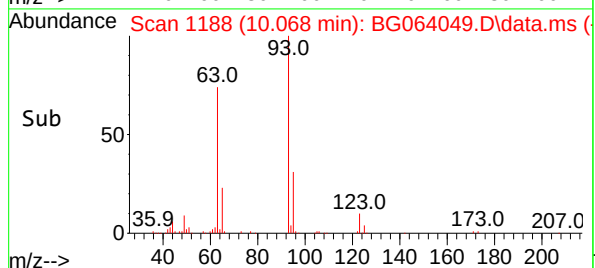
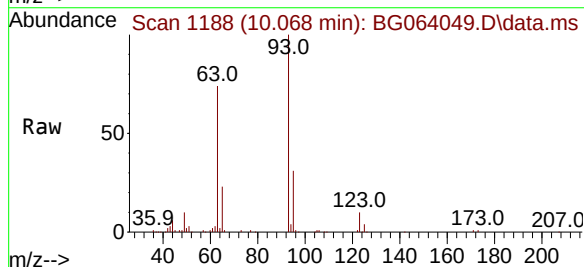
Manual Integrations  
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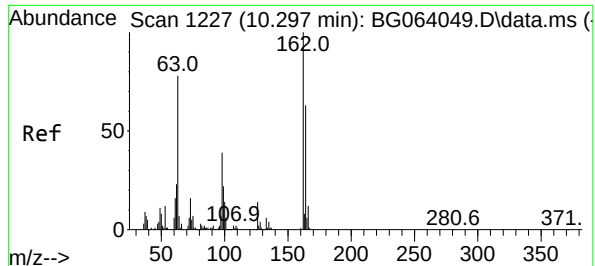
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#28  
bis(2-Chloroethoxy)methane  
Concen: 40.391 ng  
RT: 10.068 min Scan# 1188  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

Tgt Ion: 93 Resp: 147757  
Ion Ratio Lower Upper  
93 100  
95 31.2 25.0 37.4  
123 9.5 7.6 11.4





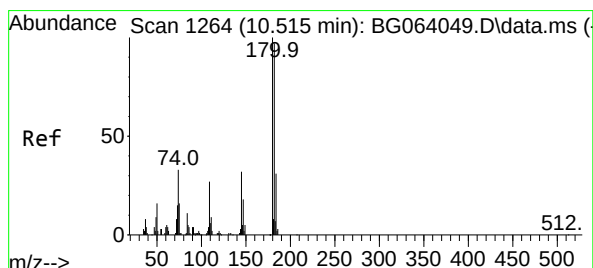
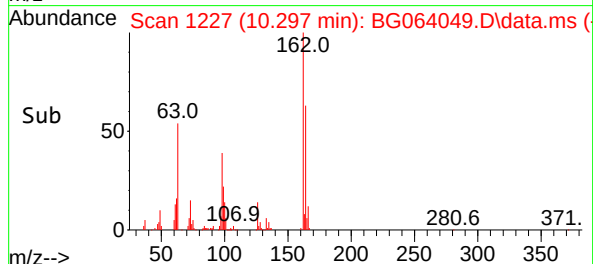
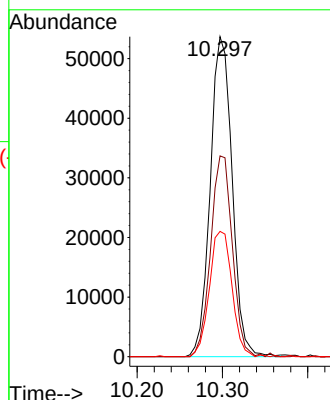
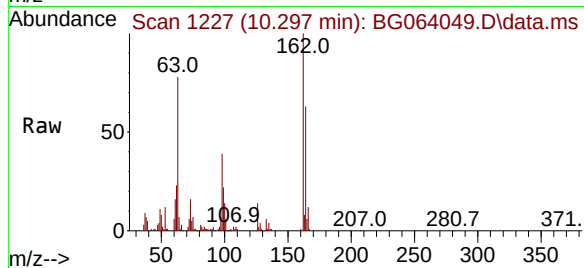
#29  
2,4-Dichlorophenol  
Concen: 41.916 ng  
RT: 10.297 min Scan# 1227  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

Tgt Ion:162 Resp: 95738  
Ion Ratio Lower Upper  
162 100  
164 62.8 42.8 82.8  
98 39.1 19.1 59.1

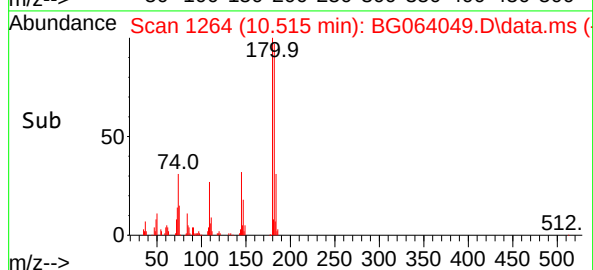
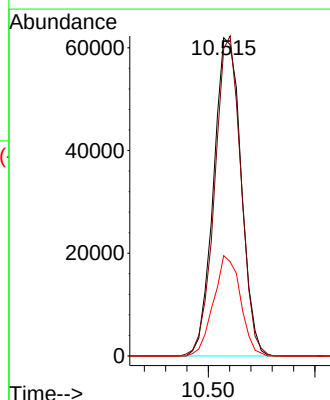
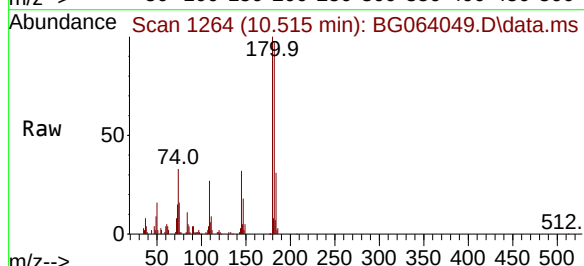
Manual Integrations  
APPROVED

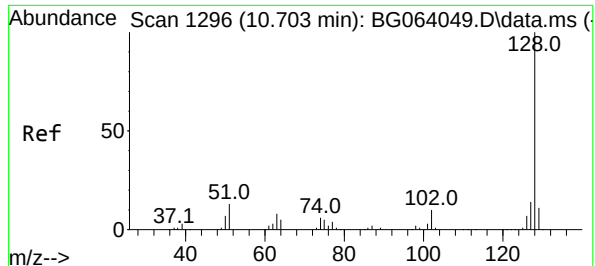
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#30  
1,2,4-Trichlorobenzene  
Concen: 40.125 ng  
RT: 10.515 min Scan# 1264  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

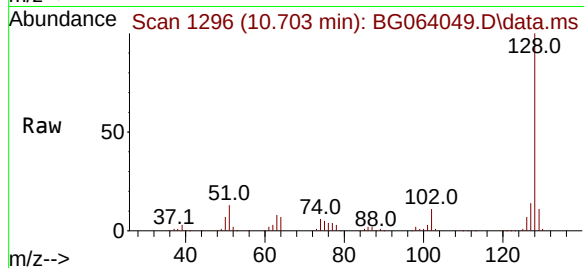
Tgt Ion:180 Resp: 110636  
Ion Ratio Lower Upper  
180 100  
182 96.6 77.3 115.9  
145 31.5 25.2 37.8





#31  
Naphthalene  
Concen: 40.004 ng  
RT: 10.703 min Scan# 1296  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

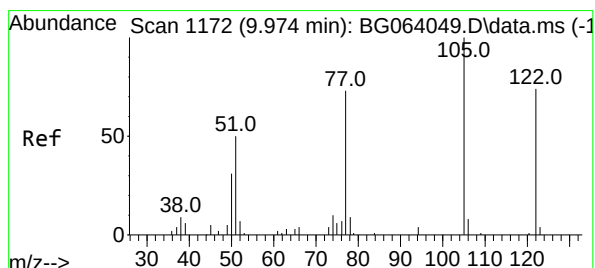
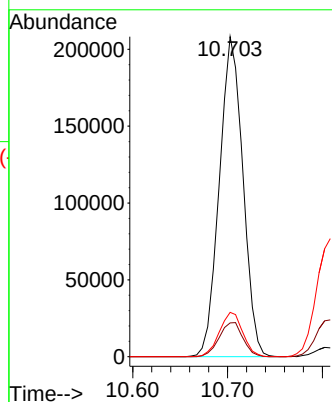
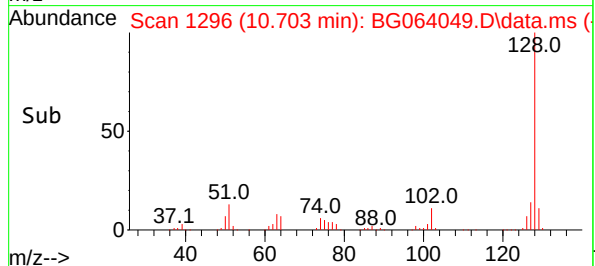
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:128 Resp: 359362  
Ion Ratio Lower Upper  
128 100  
129 10.5 8.4 12.6  
127 13.9 11.1 16.7

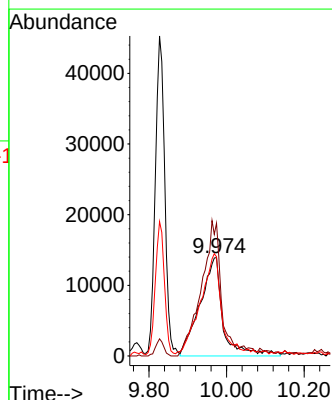
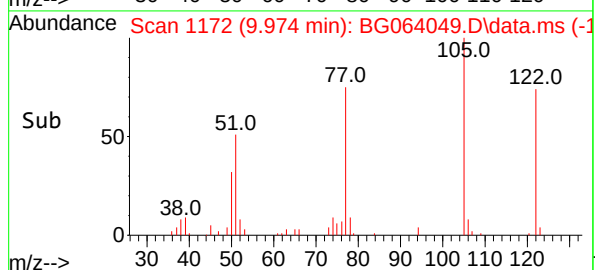
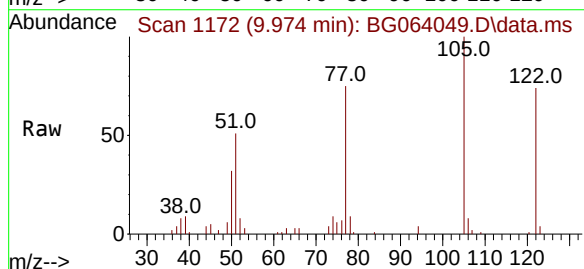
Manual Integrations  
APPROVED

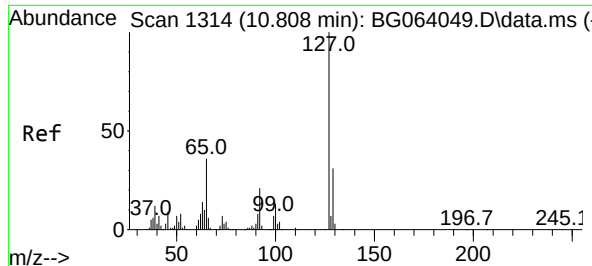
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#32  
Benzoic acid  
Concen: 37.004 ng m  
RT: 9.974 min Scan# 1172  
Delta R.T. -0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

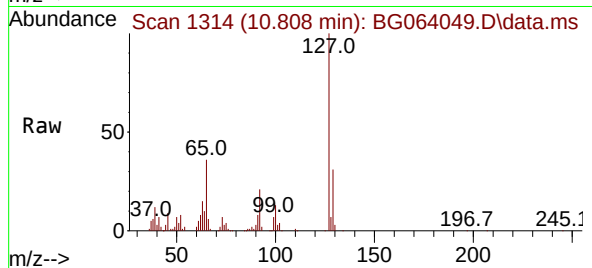
Tgt Ion:122 Resp: 57392  
Ion Ratio Lower Upper  
122 100  
105 135.0 115.0 155.0  
77 100.9 80.9 120.9





#33  
4-Chloroaniline  
Concen: 42.251 ng  
RT: 10.808 min Scan# 1314  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

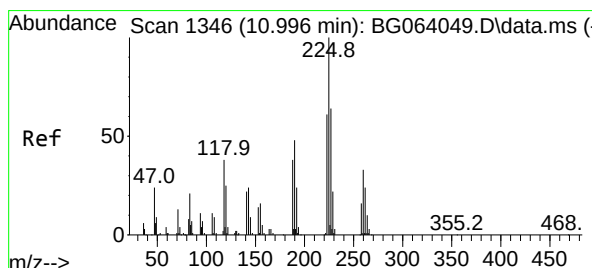
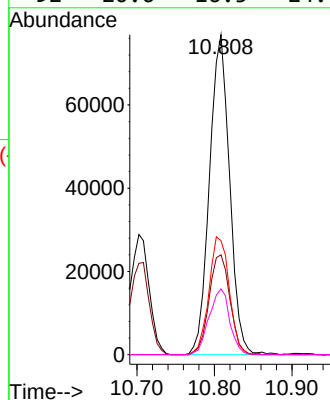
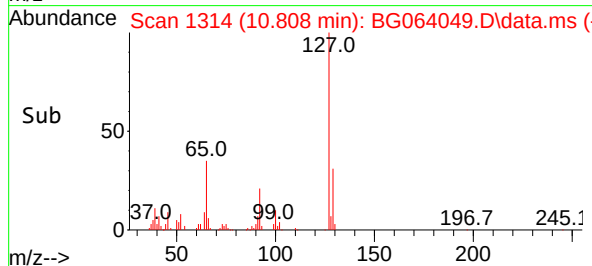
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:127 Resp: 138722  
Ion Ratio Lower Upper  
127 100  
129 31.2 25.0 37.4  
65 35.6 28.5 42.7  
92 20.6 16.5 24.7

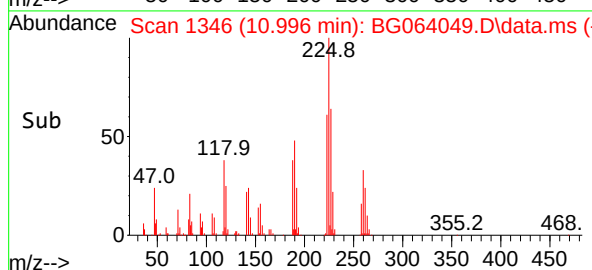
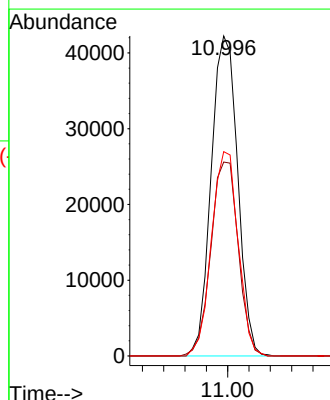
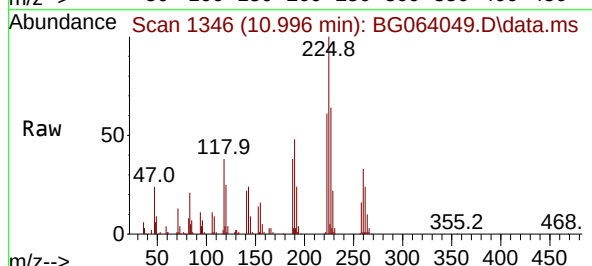
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

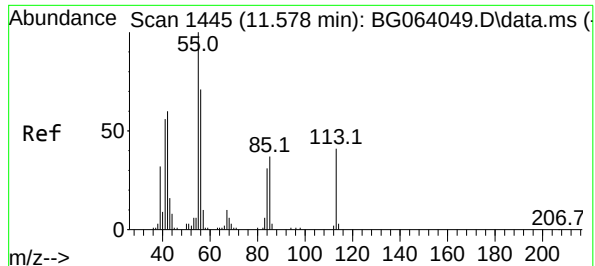


#34  
Hexachlorobutadiene  
Concen: 40.294 ng  
RT: 10.996 min Scan# 1346  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

Tgt Ion:225 Resp: 72822  
Ion Ratio Lower Upper  
225 100  
223 60.6 48.5 72.7  
227 63.8 51.0 76.6







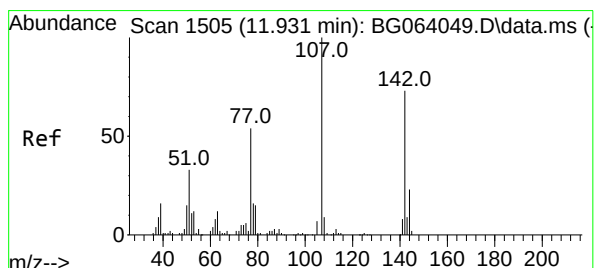
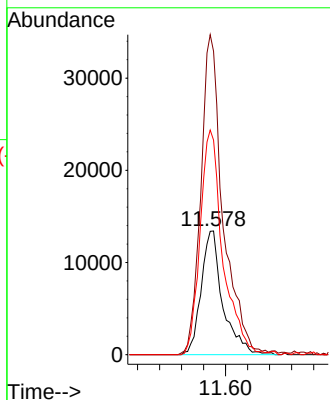
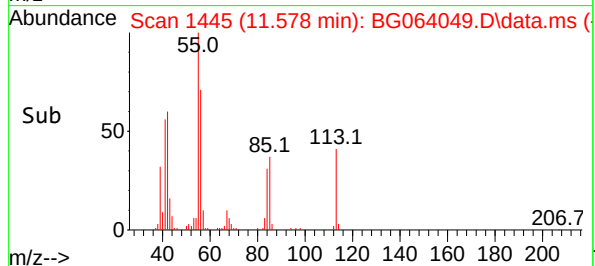
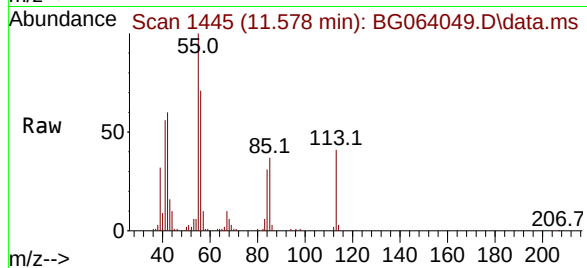
#35  
Caprolactam  
Concen: 41.970 ng  
RT: 11.578 min Scan# 1445  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

Tgt Ion:113 Resp: 36730  
Ion Ratio Lower Upper  
113 100  
55 245.2 225.2 265.2  
56 173.4 153.4 193.4

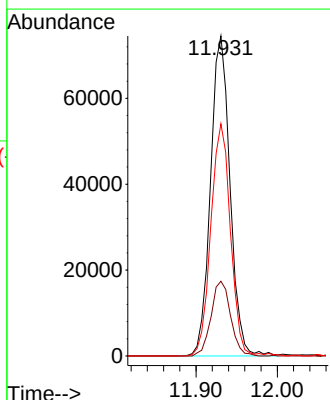
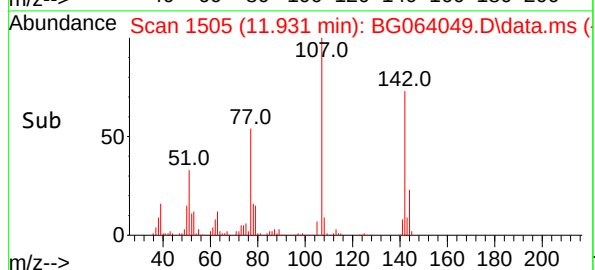
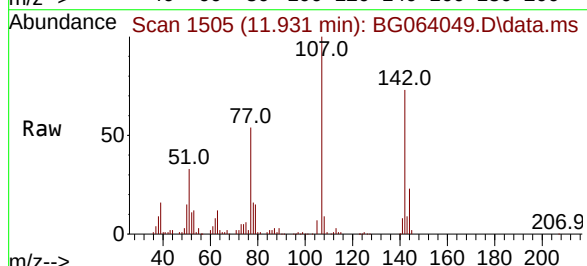
Manual Integrations  
APPROVED

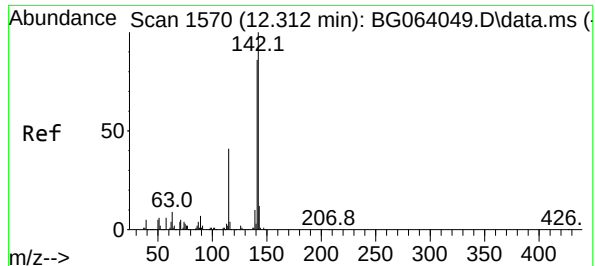
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#36  
4-Chloro-3-methylphenol  
Concen: 41.558 ng  
RT: 11.931 min Scan# 1505  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

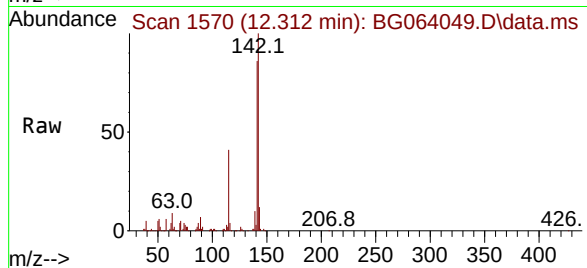
Tgt Ion:107 Resp: 124422  
Ion Ratio Lower Upper  
107 100  
144 23.3 18.6 28.0  
142 72.5 58.0 87.0





#37  
2-Methylnaphthalene  
Concen: 40.099 ng  
RT: 12.312 min Scan# 1570  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

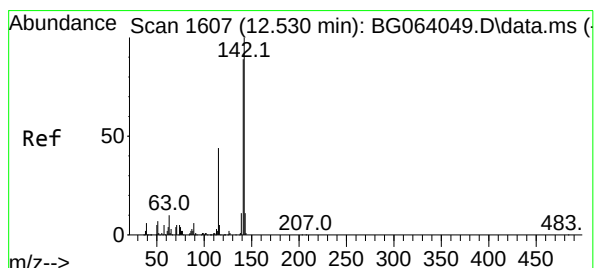
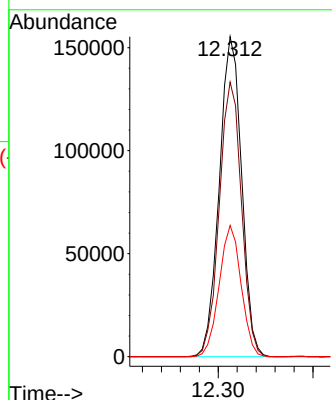
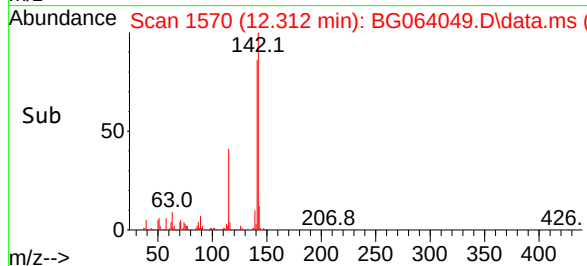
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



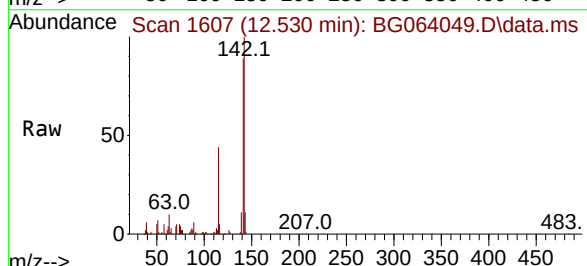
Tgt Ion:142 Resp: 254290  
Ion Ratio Lower Upper  
142 100  
141 85.8 68.6 103.0  
115 41.0 32.8 49.2

Manual Integrations  
APPROVED

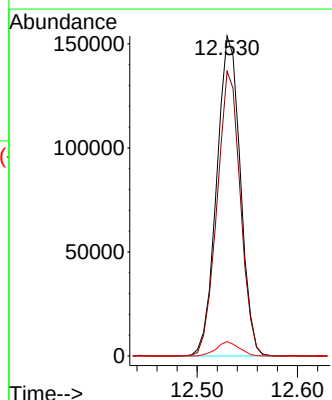
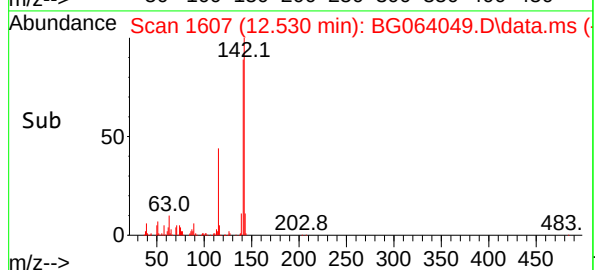
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

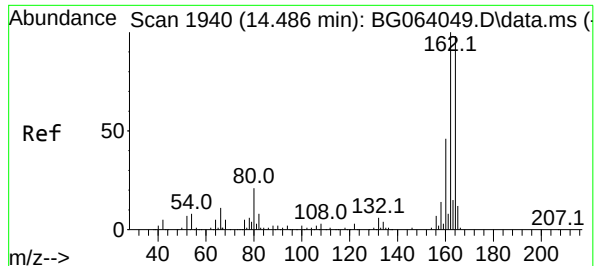


#38  
1-Methylnaphthalene  
Concen: 40.394 ng  
RT: 12.530 min Scan# 1607  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43



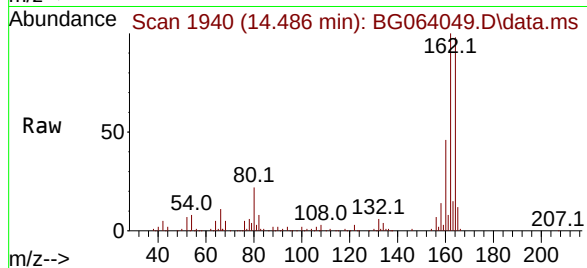
Tgt Ion:142 Resp: 250971  
Ion Ratio Lower Upper  
142 100  
141 89.0 71.2 106.8  
116 4.5 3.6 5.4





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.486 min Scan# 1940  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

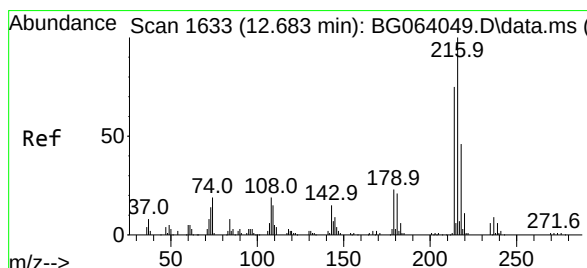
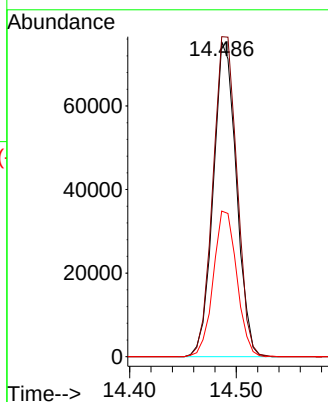
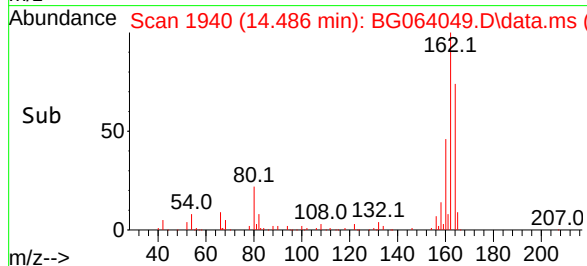
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:164 Resp: 113400  
Ion Ratio Lower Upper  
164 100  
162 101.7 81.4 122.0  
160 46.3 37.0 55.6

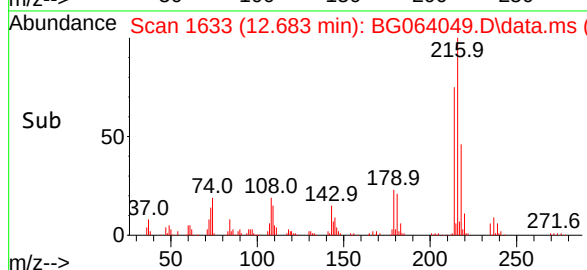
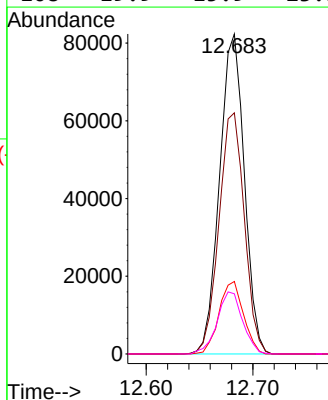
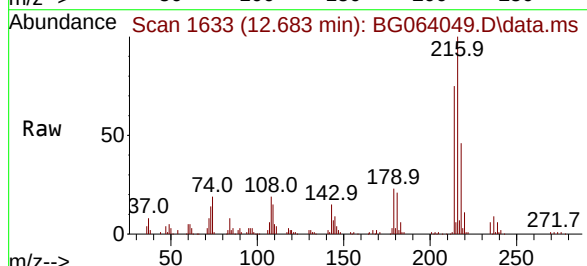
Manual Integrations  
APPROVED

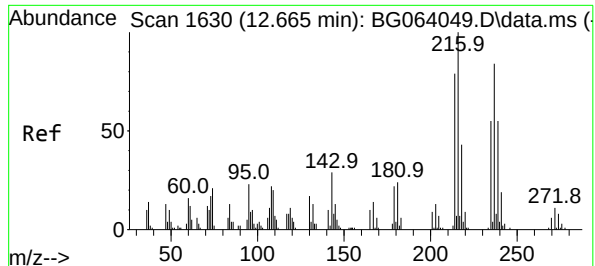
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 41.034 ng  
RT: 12.683 min Scan# 1633  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

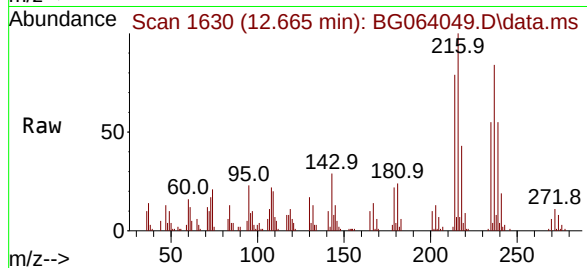
Tgt Ion:216 Resp: 132854  
Ion Ratio Lower Upper  
216 100  
214 77.1 61.7 92.5  
179 22.4 17.9 26.9  
108 19.9 15.9 23.9





#41  
Hexachlorocyclopentadiene  
Concen: 43.464 ng  
RT: 12.665 min Scan# 1630  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

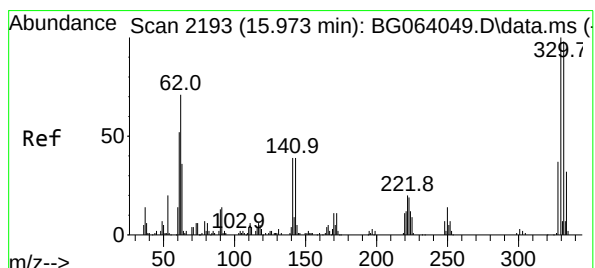
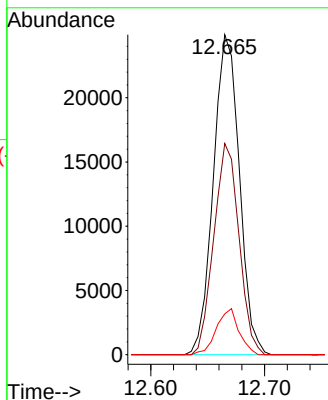
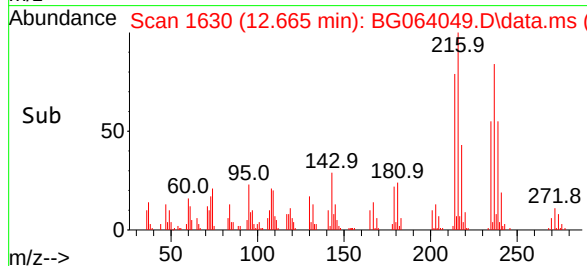
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



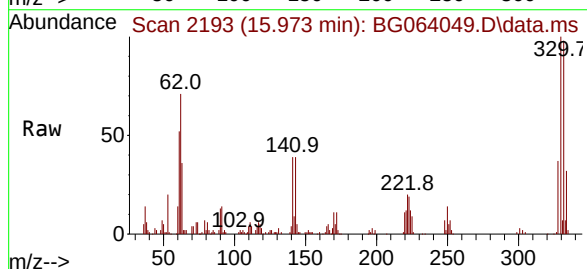
Tgt Ion:237 Resp: 39600  
Ion Ratio Lower Upper  
237 100  
235 66.0 46.0 86.0  
272 12.8 0.0 32.8

Manual Integrations  
APPROVED

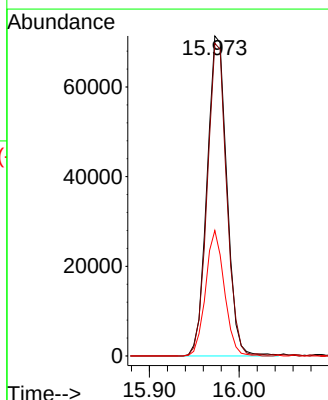
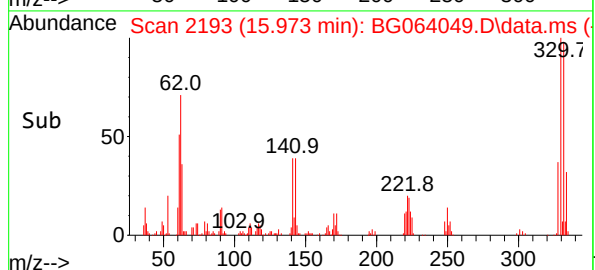
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

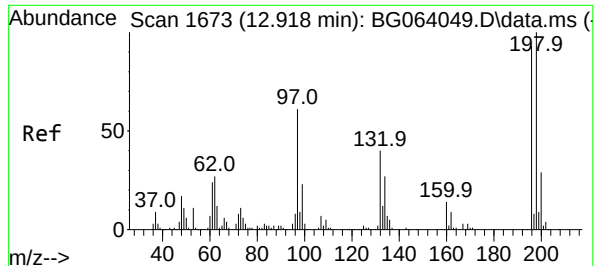


#42  
2,4,6-Tribromophenol  
Concen: 86.616 ng  
RT: 15.973 min Scan# 2193  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43



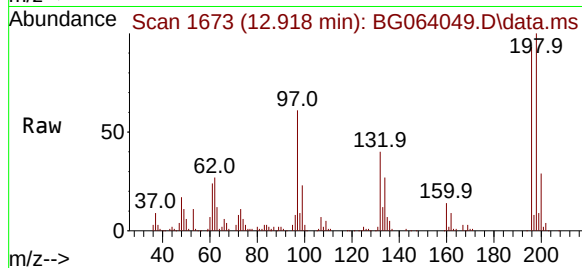
Tgt Ion:330 Resp: 109187  
Ion Ratio Lower Upper  
330 100  
332 95.9 76.7 115.1  
141 37.1 29.7 44.5





#43  
2,4,6-Trichlorophenol  
Concen: 42.524 ng  
RT: 12.918 min Scan# 1673  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

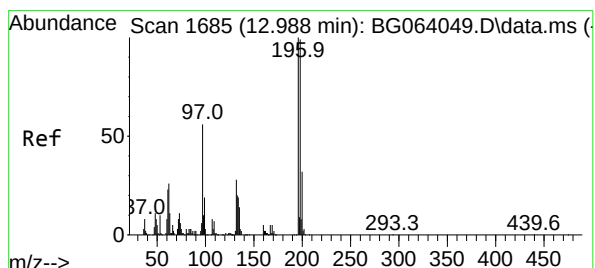
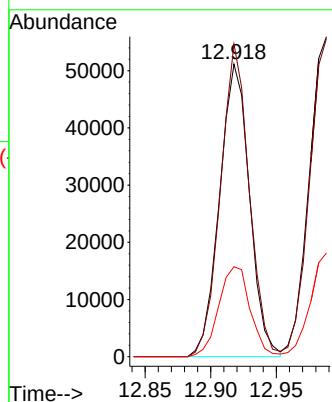
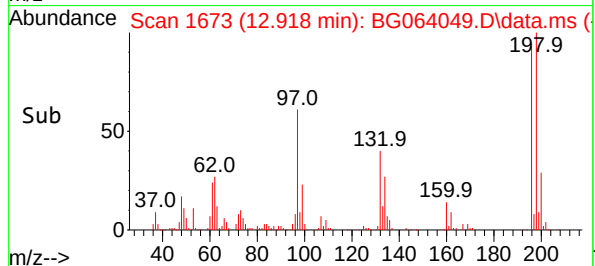
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:196 Resp: 81144  
Ion Ratio Lower Upper  
196 100  
198 107.0 85.6 128.4  
200 30.8 24.6 37.0

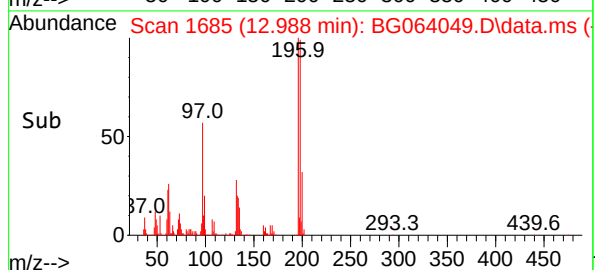
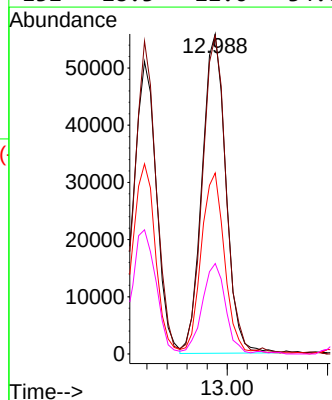
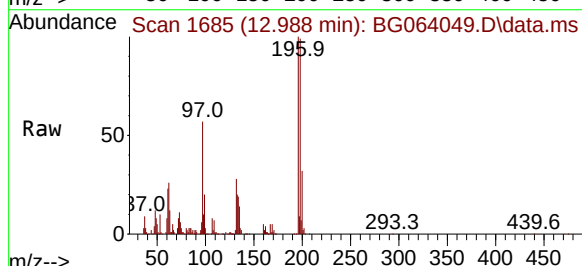
Manual Integrations  
APPROVED

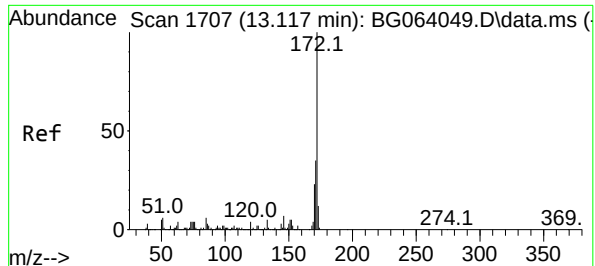
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#44  
2,4,5-Trichlorophenol  
Concen: 43.449 ng  
RT: 12.988 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

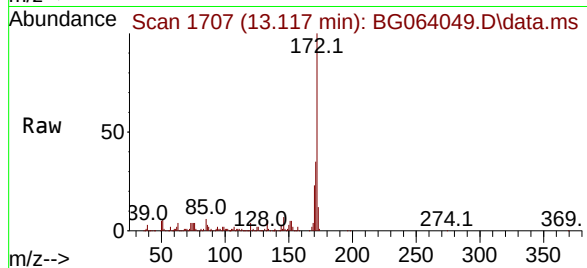
Tgt Ion:196 Resp: 92122  
Ion Ratio Lower Upper  
196 100  
198 99.4 79.5 119.3  
97 56.5 45.2 67.8  
132 28.3 22.6 34.0





#45  
2-Fluorobiphenyl  
Concen: 83.029 ng  
RT: 13.117 min Scan# 1707  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

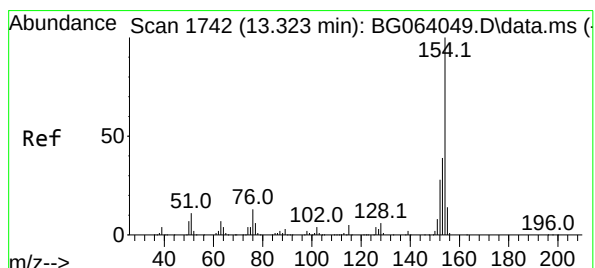
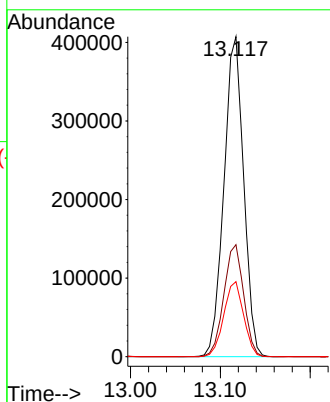
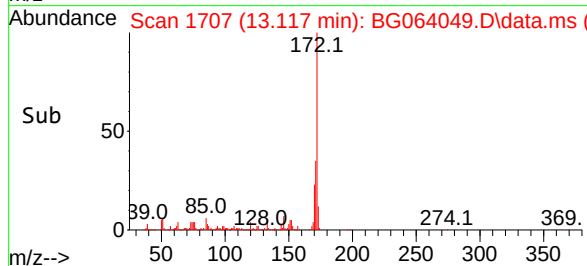
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:172 Resp: 620339  
Ion Ratio Lower Upper  
172 100  
171 35.0 28.0 42.0  
170 23.4 18.7 28.1

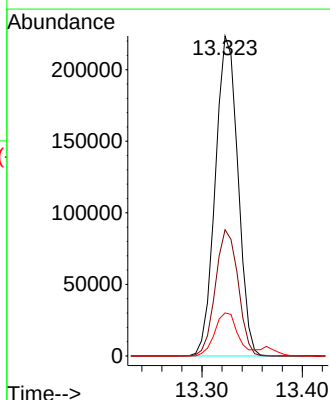
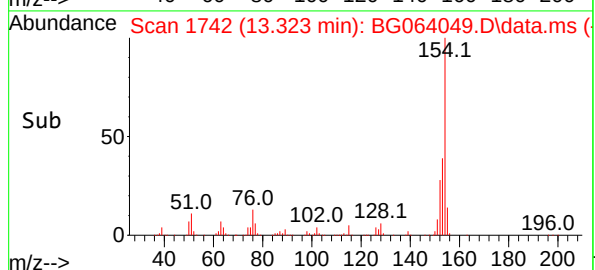
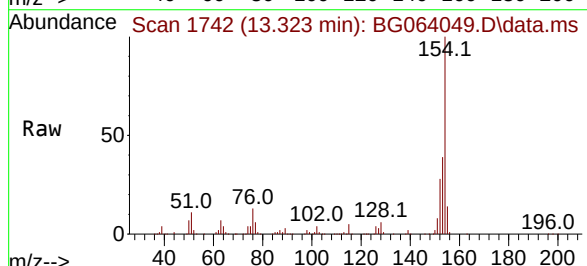
Manual Integrations  
APPROVED

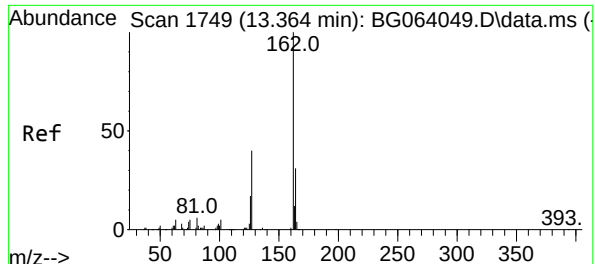
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#46  
1,1'-Biphenyl  
Concen: 40.719 ng  
RT: 13.323 min Scan# 1742  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

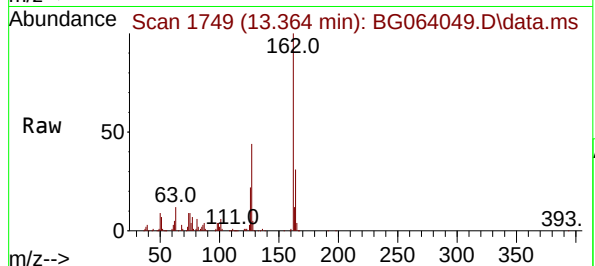
Tgt Ion:154 Resp: 348881  
Ion Ratio Lower Upper  
154 100  
153 39.5 19.5 59.5  
76 13.5 0.0 33.5





#47  
2-Chloronaphthalene  
Concen: 40.894 ng  
RT: 13.364 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

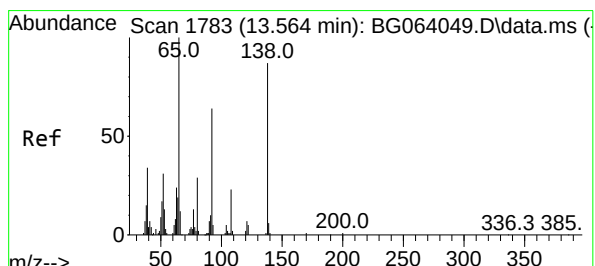
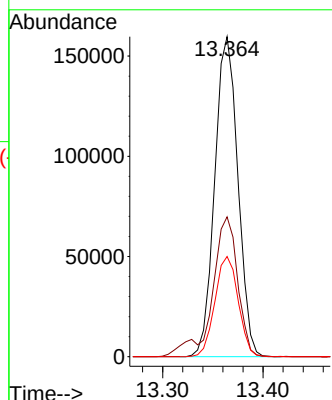
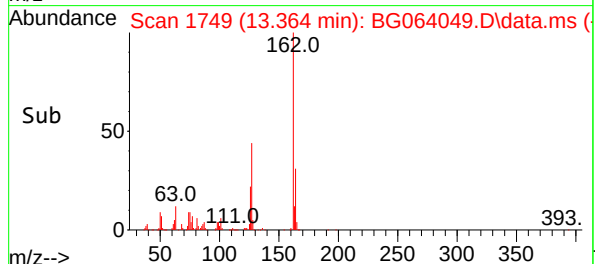
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:162 Resp: 25554  
Ion Ratio Lower Upper  
162 100  
127 43.7 35.0 52.4  
164 31.3 25.0 37.6

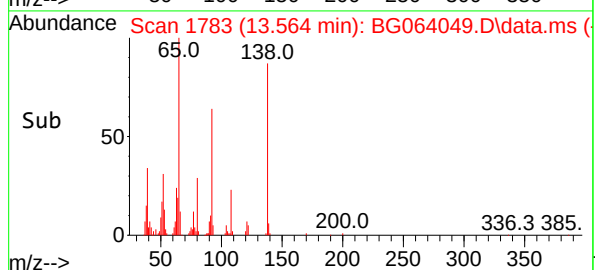
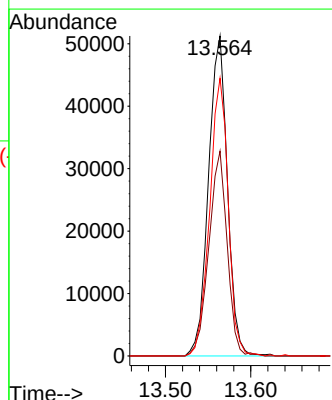
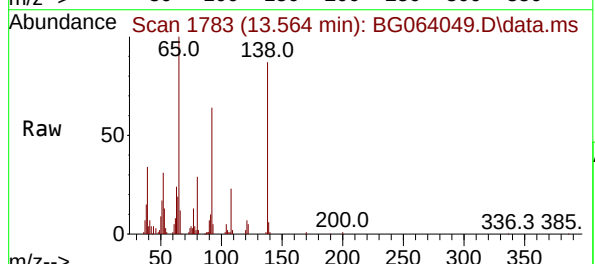
Manual Integrations  
APPROVED

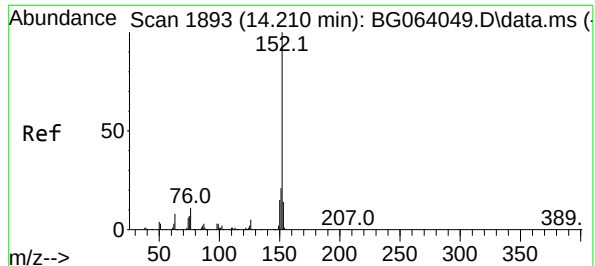
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#48  
2-Nitroaniline  
Concen: 39.603 ng  
RT: 13.564 min Scan# 1783  
Delta R.T. -0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

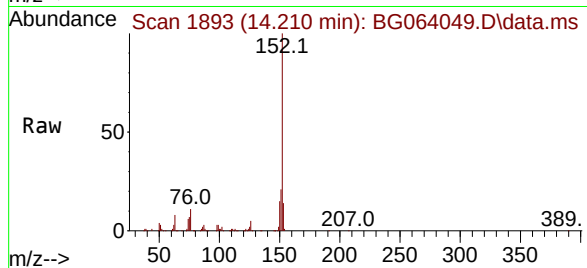
Tgt Ion: 65 Resp: 78919  
Ion Ratio Lower Upper  
65 100  
92 64.0 51.2 76.8  
138 86.8 69.4 104.2





#49  
Acenaphthylene  
Concen: 41.052 ng  
RT: 14.210 min Scan# 1893  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

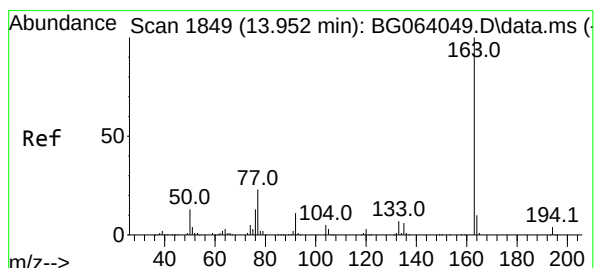
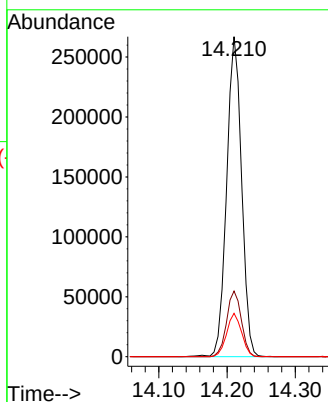
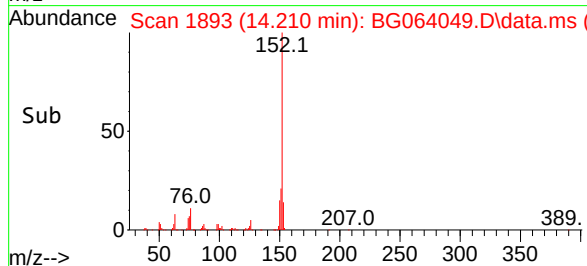
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:152 Resp: 405750  
Ion Ratio Lower Upper  
152 100  
151 20.5 16.4 24.6  
153 13.6 10.9 16.3

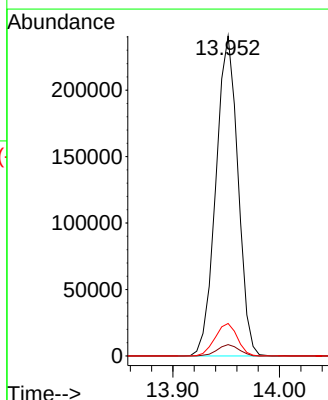
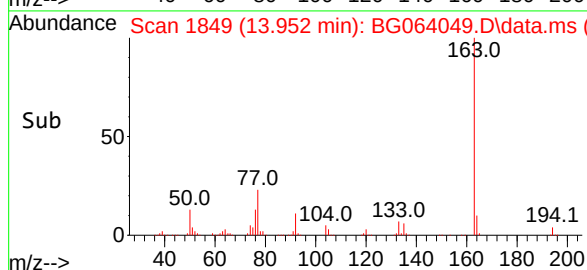
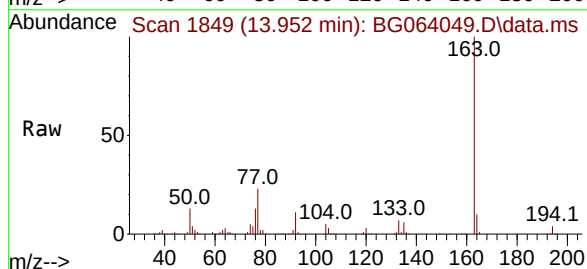
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

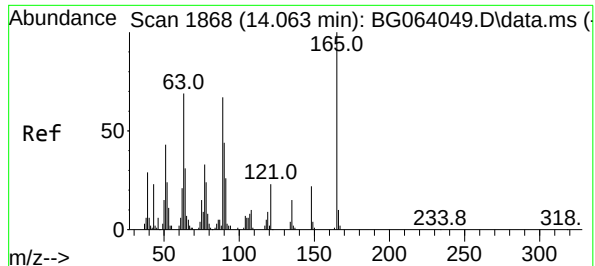


#50  
Dimethylphthalate  
Concen: 41.187 ng  
RT: 13.952 min Scan# 1849  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

Tgt Ion:163 Resp: 344791  
Ion Ratio Lower Upper  
163 100  
194 3.5 2.8 4.2  
164 10.2 8.2 12.2







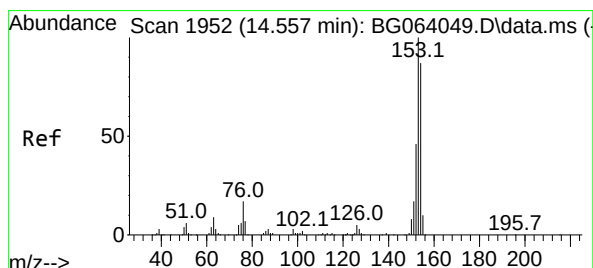
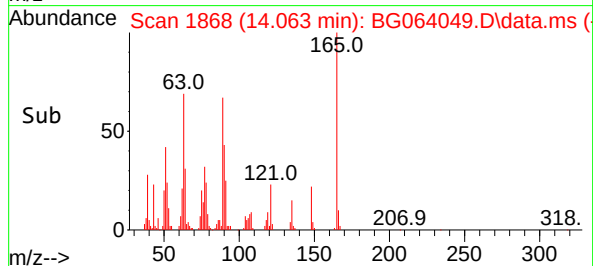
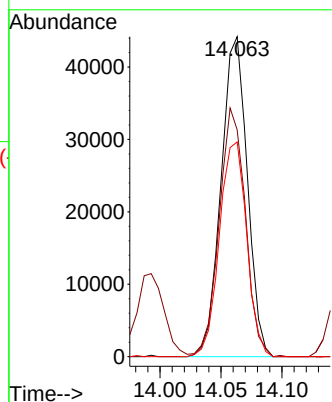
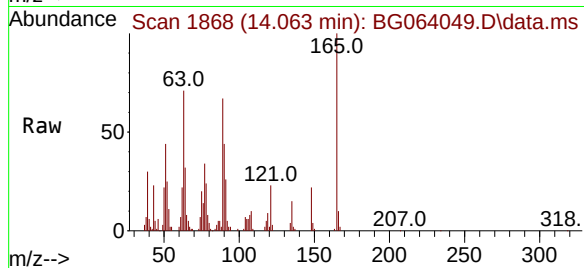
#51  
2,6-Dinitrotoluene  
Concen: 39.610 ng  
RT: 14.063 min Scan# 1868  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

Tgt Ion:165 Resp: 66200  
Ion Ratio Lower Upper  
165 100  
63 70.9 56.7 85.1  
89 67.1 53.7 80.5

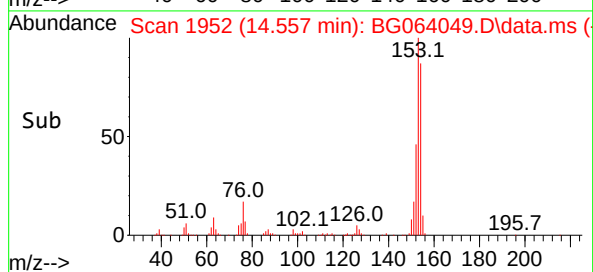
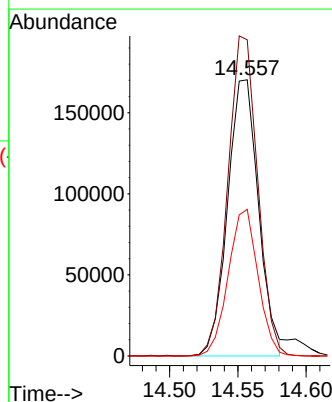
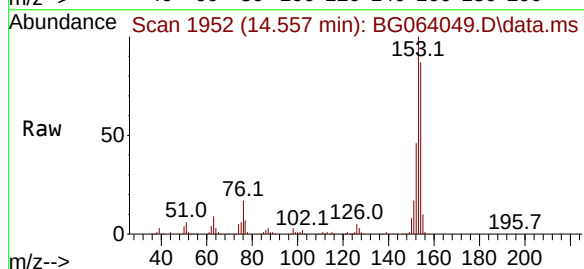
Manual Integrations  
APPROVED

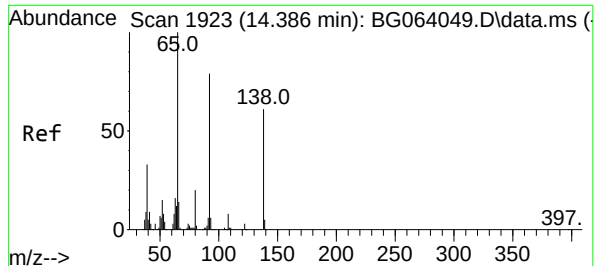
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#52  
Acenaphthene  
Concen: 40.492 ng m  
RT: 14.557 min Scan# 1952  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

Tgt Ion:154 Resp: 269147  
Ion Ratio Lower Upper  
154 100  
153 114.5 91.6 137.4  
152 53.1 42.5 63.7





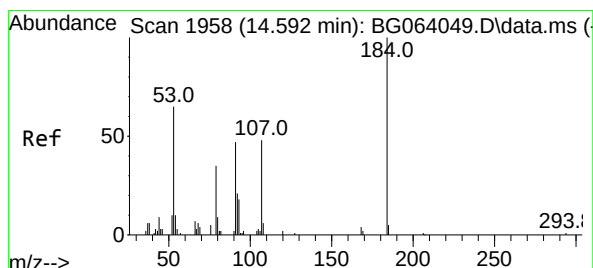
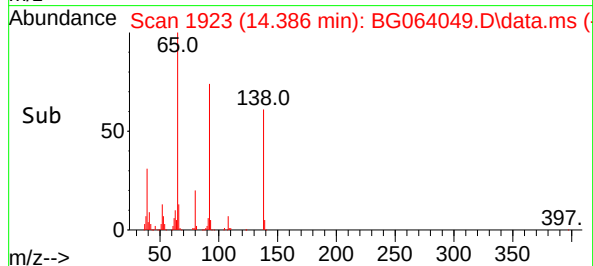
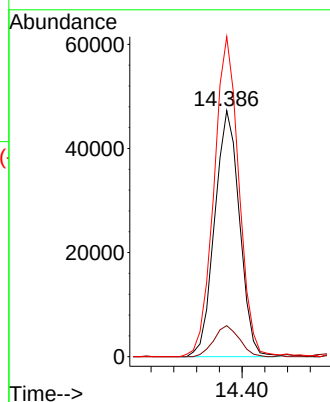
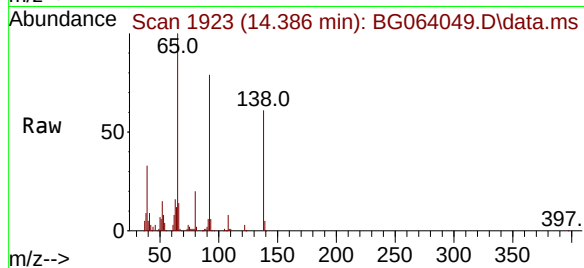
#53  
3-Nitroaniline  
Concen: 44.330 ng  
RT: 14.386 min Scan# 1923  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

Tgt Ion:138 Resp: 71724  
Ion Ratio Lower Upper  
138 100  
108 12.6 10.1 15.1  
92 130.1 104.1 156.1

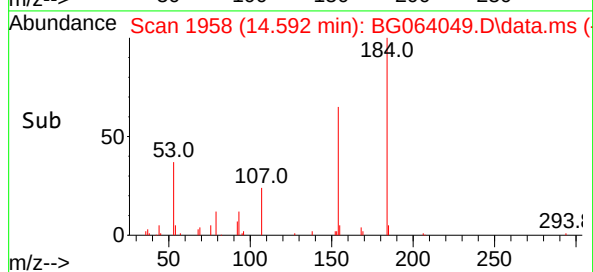
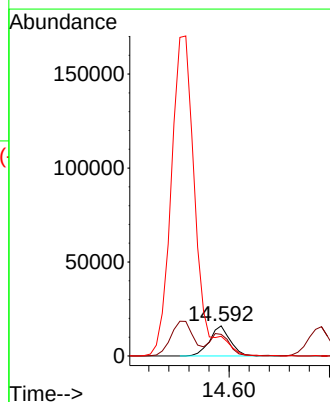
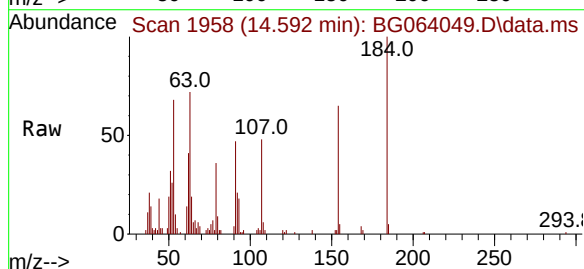
Manual Integrations  
APPROVED

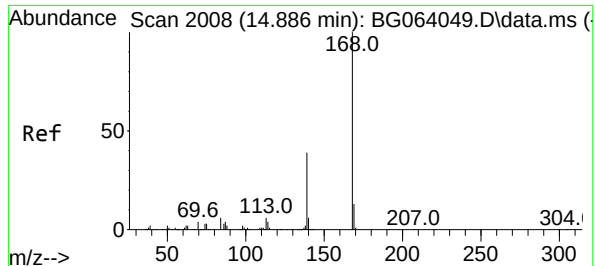
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#54  
2,4-Dinitrophenol  
Concen: 36.881 ng  
RT: 14.592 min Scan# 1958  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

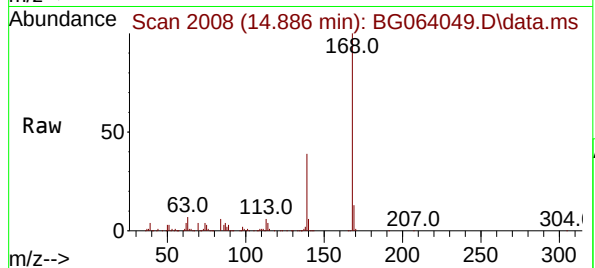
Tgt Ion:184 Resp: 22778  
Ion Ratio Lower Upper  
184 100  
63 71.9 57.5 86.3  
154 65.4 52.3 78.5





#55  
Dibenzenofuran  
Concen: 40.970 ng  
RT: 14.886 min Scan# 2008  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

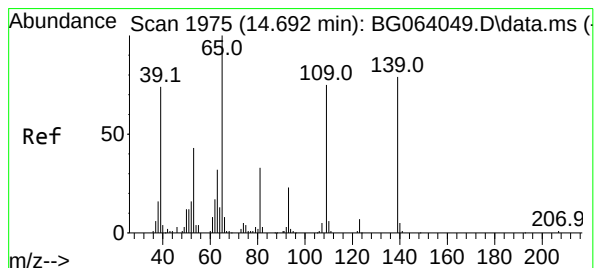
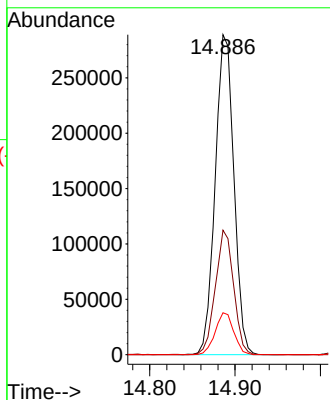
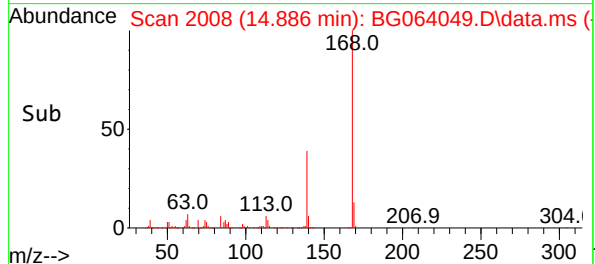
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:168 Resp: 44025  
Ion Ratio Lower Upper  
168 100  
139 38.9 31.1 46.7  
169 13.1 10.5 15.7

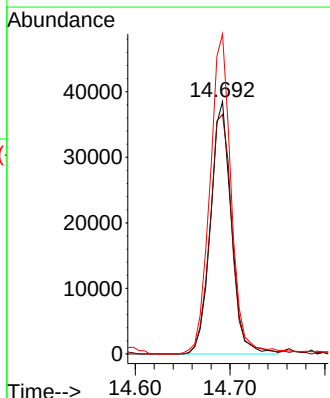
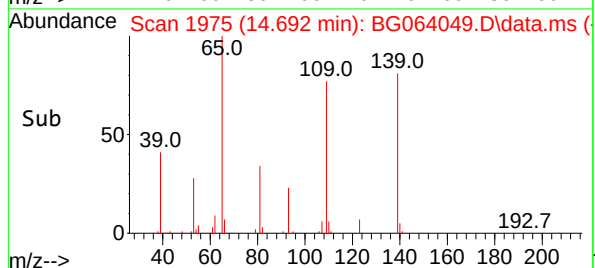
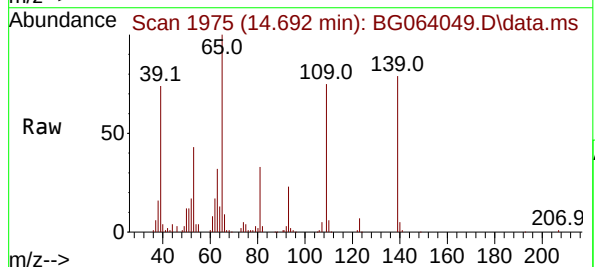
Manual Integrations  
APPROVED

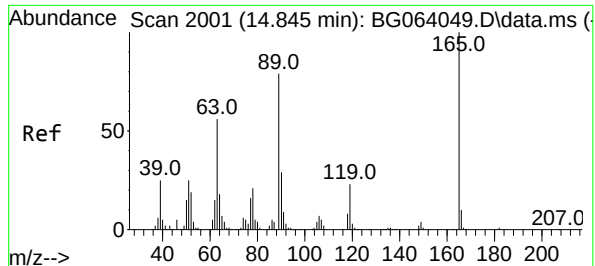
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#56  
4-Nitrophenol  
Concen: 42.977 ng  
RT: 14.692 min Scan# 1975  
Delta R.T. -0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

Tgt Ion:139 Resp: 58316  
Ion Ratio Lower Upper  
139 100  
109 94.9 74.9 114.9  
65 126.8 106.8 146.8





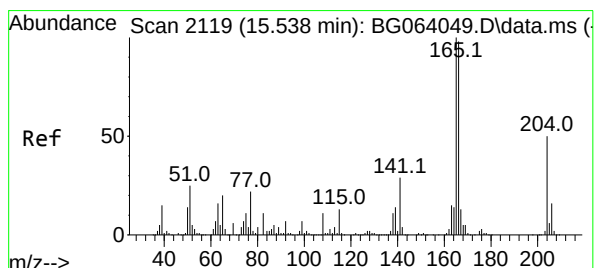
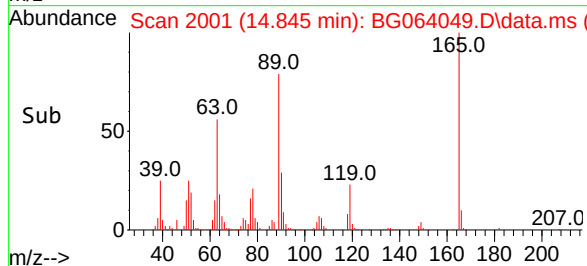
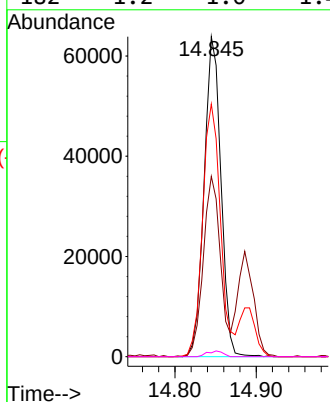
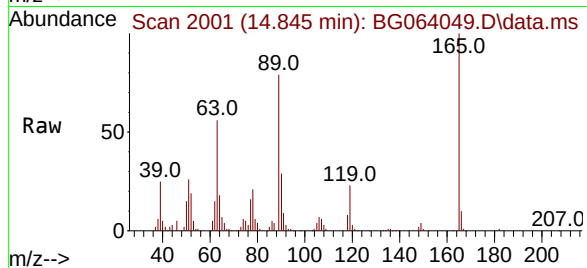
#57  
2,4-Dinitrotoluene  
Concen: 39.789 ng  
RT: 14.845 min Scan# 2001  
Delta R.T. -0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

Tgt Ion:165 Resp: 91658  
Ion Ratio Lower Upper  
165 100  
63 56.3 45.0 67.6  
89 78.9 63.1 94.7  
182 1.2 1.0 1.4

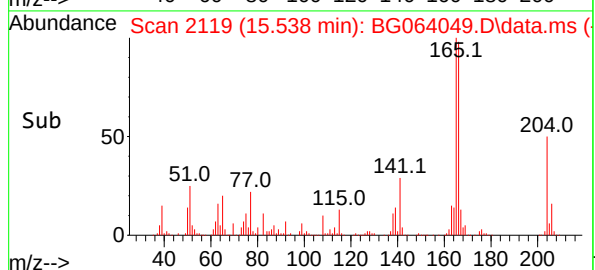
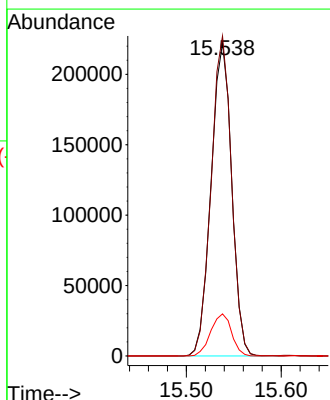
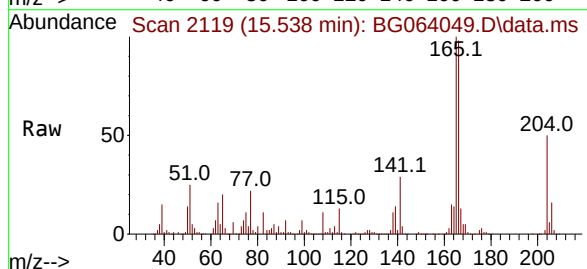
Manual Integrations  
APPROVED

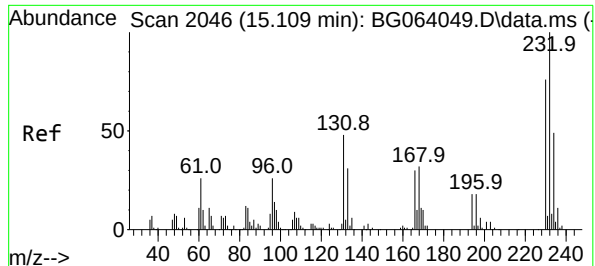
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#58  
Fluorene  
Concen: 40.055 ng  
RT: 15.538 min Scan# 2119  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

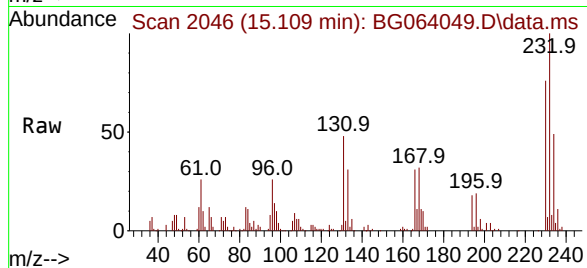
Tgt Ion:166 Resp: 335238  
Ion Ratio Lower Upper  
166 100  
165 102.3 81.8 122.8  
167 13.5 10.8 16.2





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 43.345 ng  
RT: 15.109 min Scan# 2046  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

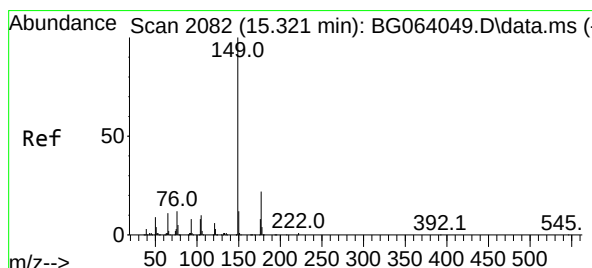
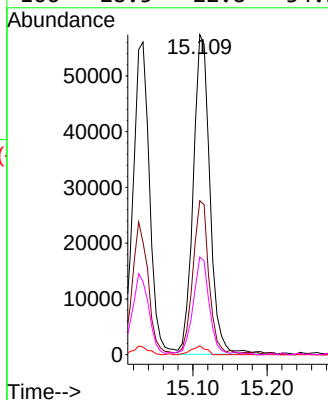
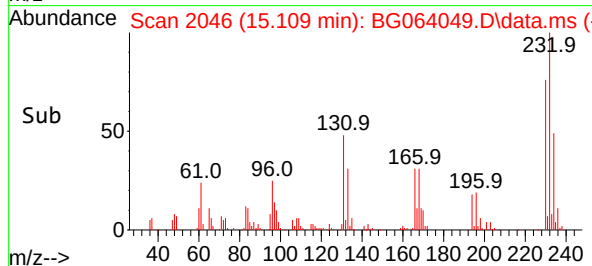
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



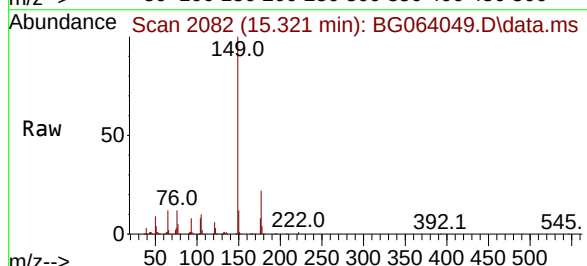
Tgt Ion:232 Resp: 89594  
Ion Ratio Lower Upper  
232 100  
131 45.4 36.3 54.5  
130 2.4 1.9 2.9  
166 28.5 22.8 34.2

Manual Integrations  
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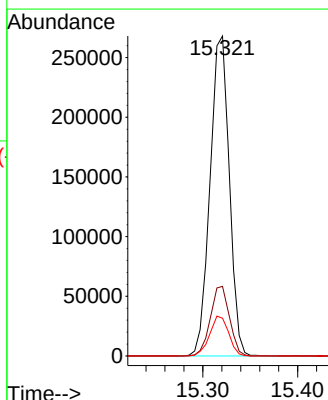
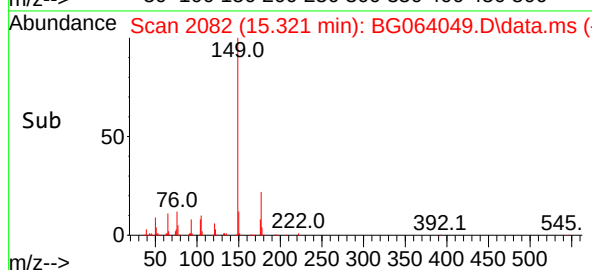
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

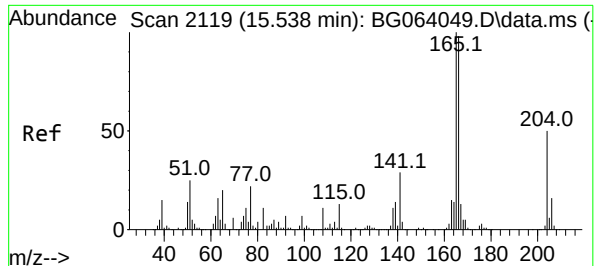


#60  
Diethylphthalate  
Concen: 41.645 ng  
RT: 15.321 min Scan# 2082  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43



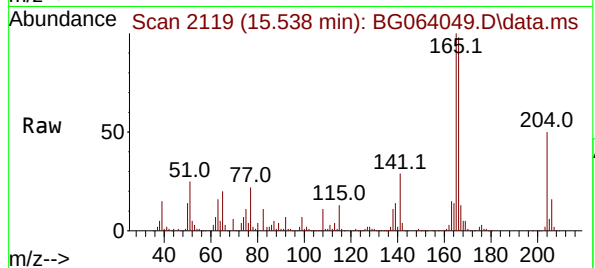
Tgt Ion:149 Resp: 378464  
Ion Ratio Lower Upper  
149 100  
177 21.8 17.4 26.2  
150 11.8 9.4 14.2





#61  
4-Chlorophenyl-phenylether  
Concen: 40.061 ng  
RT: 15.538 min Scan# 2119  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

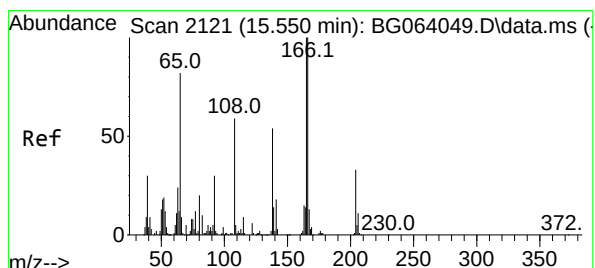
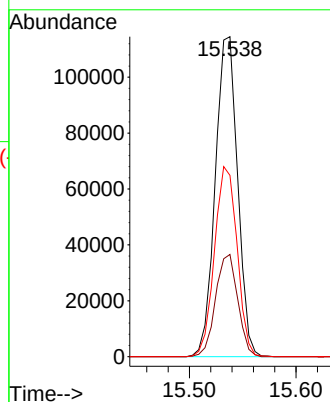
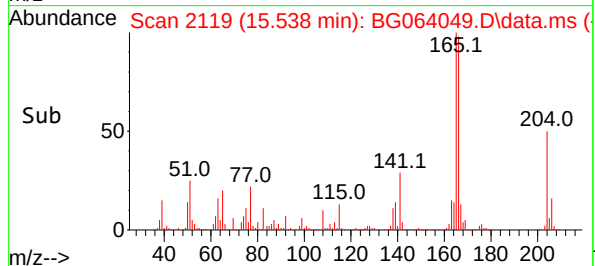
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



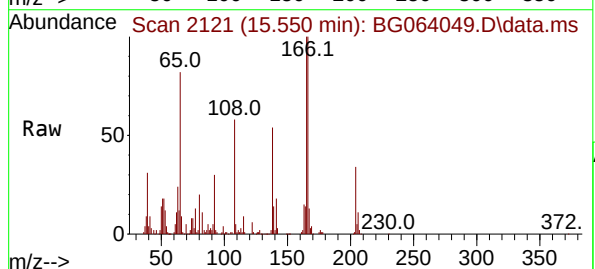
Tgt Ion:204 Resp: 16661  
Ion Ratio Lower Upper  
204 100  
206 31.9 25.5 38.3  
141 56.7 45.4 68.0

Manual Integrations  
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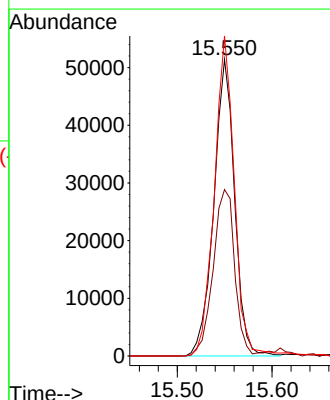
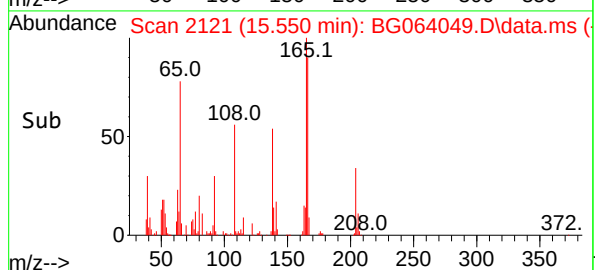
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

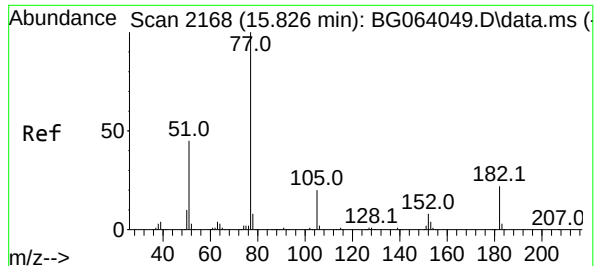


#62  
4-Nitroaniline  
Concen: 44.838 ng  
RT: 15.550 min Scan# 2121  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43



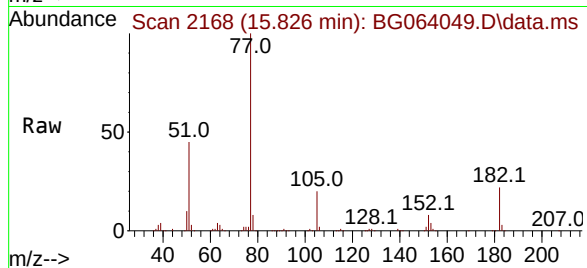
Tgt Ion:138 Resp: 78323  
Ion Ratio Lower Upper  
138 100  
92 56.1 36.1 76.1  
108 107.9 87.9 127.9





#63  
Azobenzene  
Concen: 41.125 ng  
RT: 15.826 min Scan# 2168  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

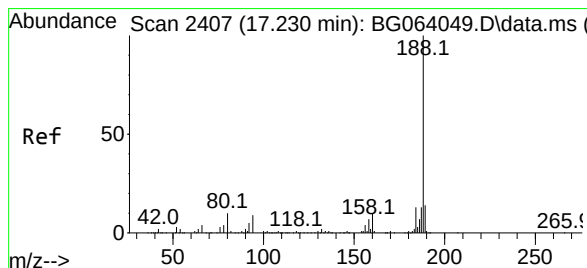
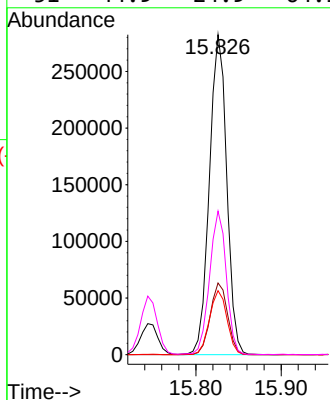
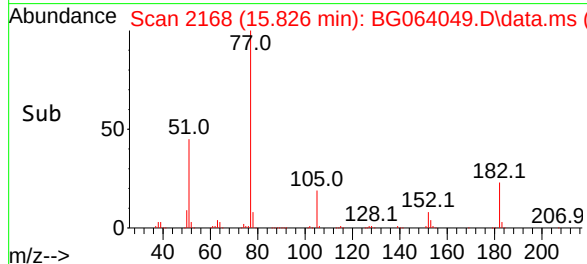
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



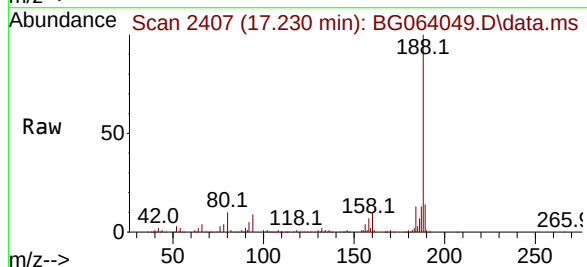
Tgt Ion: 77 Resp: 398810  
Ion Ratio Lower Upper  
77 100  
182 22.4 2.4 42.4  
105 20.0 0.0 40.0  
51 44.9 24.9 64.9

Manual Integrations  
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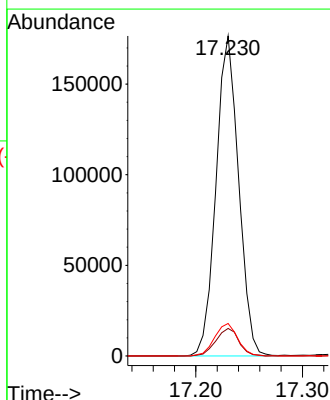
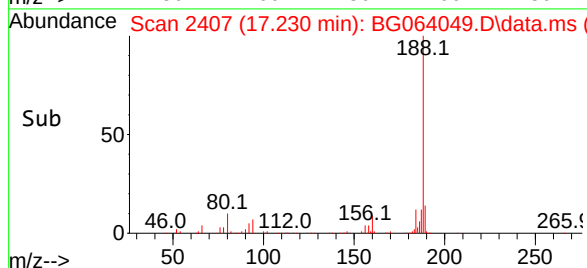
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

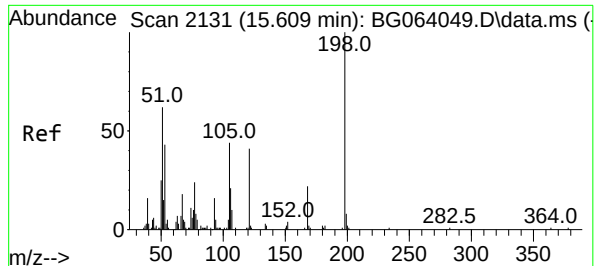


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.230 min Scan# 2407  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43



Tgt Ion:188 Resp: 259291  
Ion Ratio Lower Upper  
188 100  
94 8.6 6.9 10.3  
80 10.1 8.1 12.1





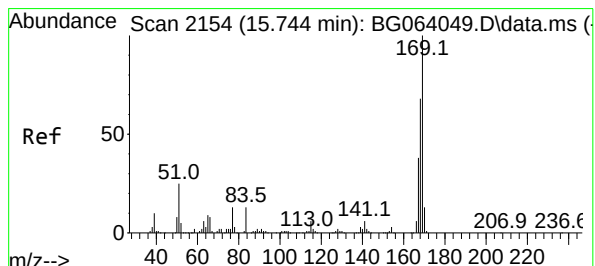
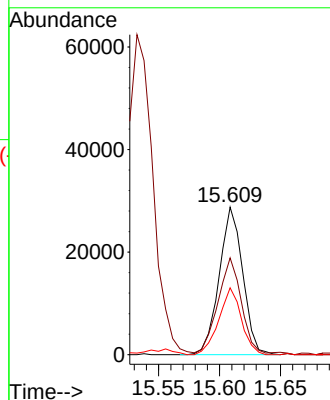
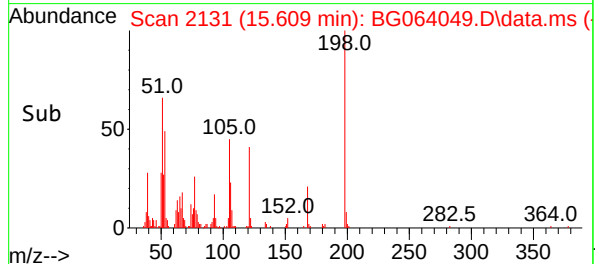
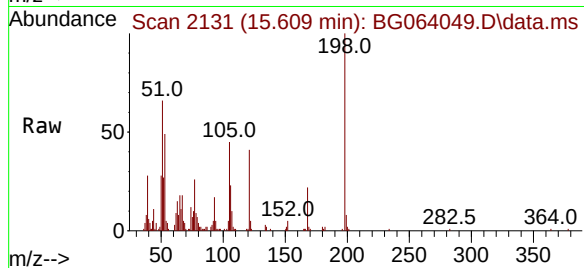
#65  
4,6-Dinitro-2-methylphenol  
Concen: 36.802 ng  
RT: 15.609 min Scan# 2131  
Delta R.T. -0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

Tgt Ion:198 Resp: 3864  
Ion Ratio Lower Upper  
198 100  
51 65.6 45.6 85.6  
105 45.3 25.3 65.3

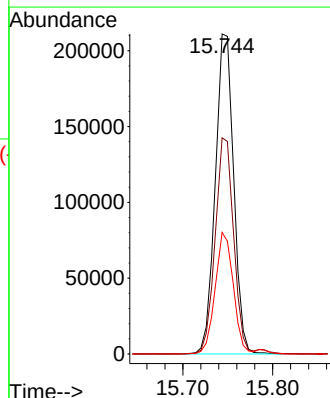
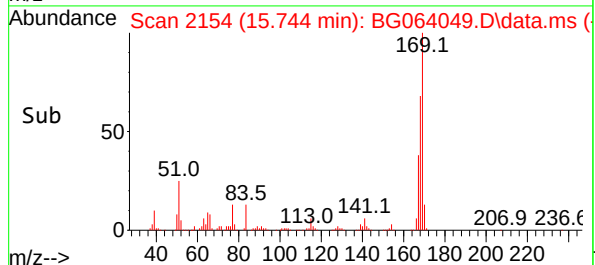
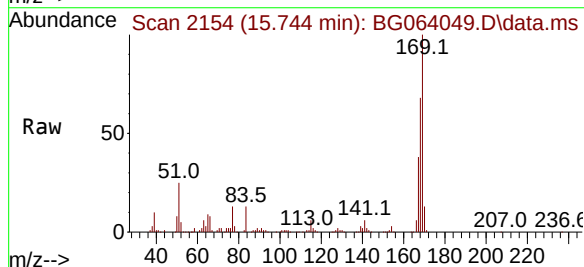
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

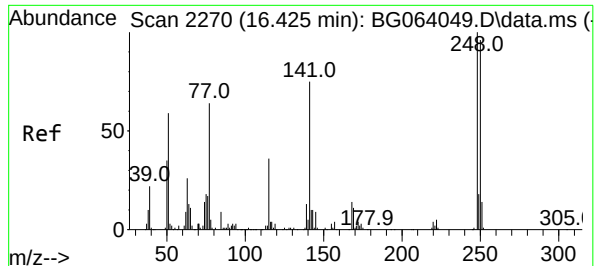


#66  
n-Nitrosodiphenylamine  
Concen: 40.872 ng  
RT: 15.744 min Scan# 2154  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

Tgt Ion:169 Resp: 299980  
Ion Ratio Lower Upper  
169 100  
168 67.6 54.1 81.1  
167 37.9 30.3 45.5

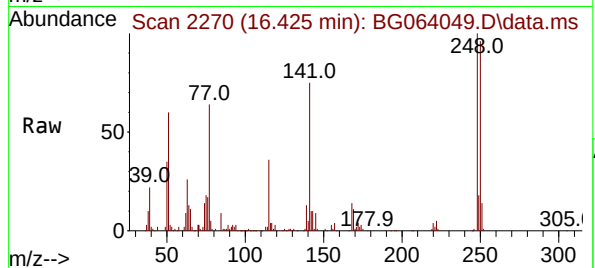






#67  
4-Bromophenyl-phenylether  
Concen: 41.081 ng  
RT: 16.425 min Scan# 2270  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

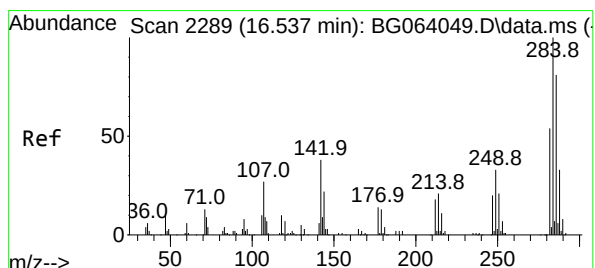
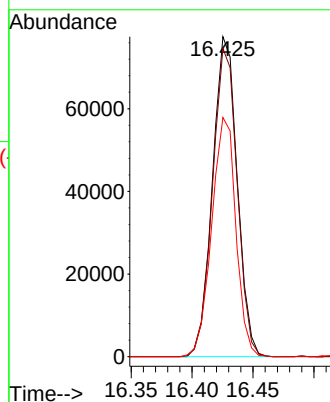
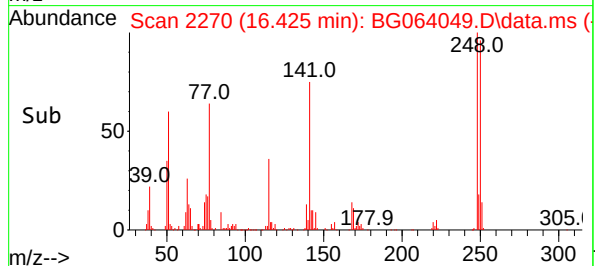
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:248 Resp: 109099  
Ion Ratio Lower Upper  
248 100  
250 96.4 77.1 115.7  
141 74.8 59.8 89.8

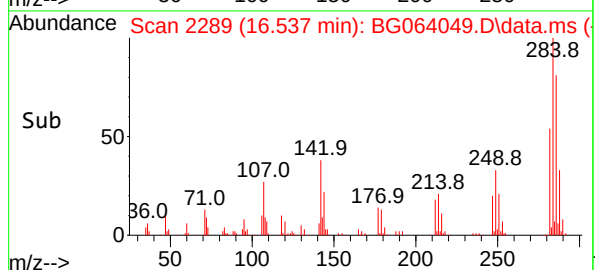
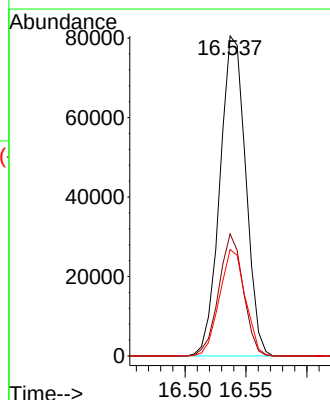
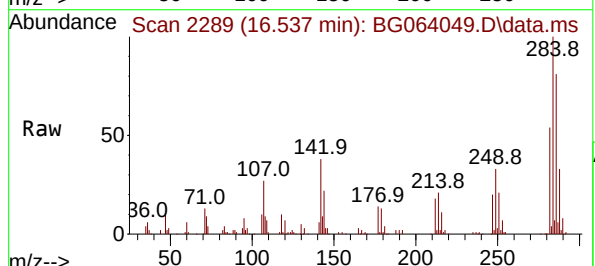
Manual Integrations  
APPROVED

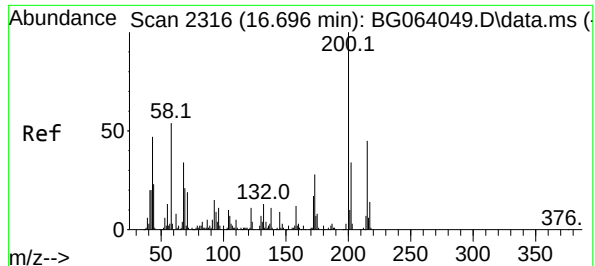
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#68  
Hexachlorobenzene  
Concen: 39.954 ng  
RT: 16.537 min Scan# 2289  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

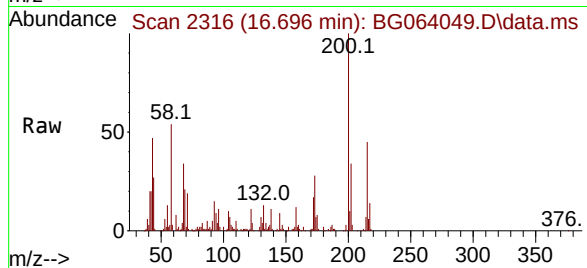
Tgt Ion:284 Resp: 118787  
Ion Ratio Lower Upper  
284 100  
142 38.2 30.6 45.8  
249 33.2 26.6 39.8





#69  
Atrazine  
Concen: 38.309 ng  
RT: 16.696 min Scan# 2316  
Delta R.T. -0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

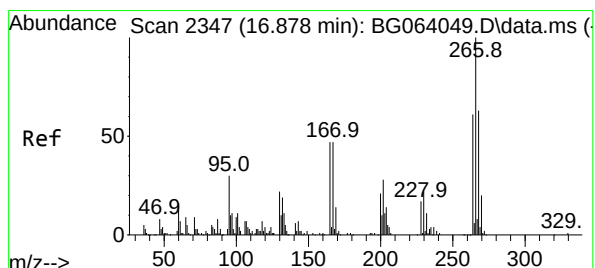
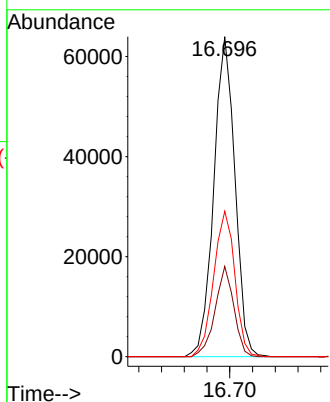
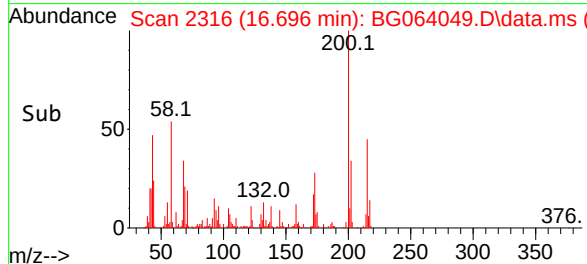
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:200 Resp: 82729  
Ion Ratio Lower Upper  
200 100  
173 28.2 8.2 48.2  
215 45.5 25.5 65.5

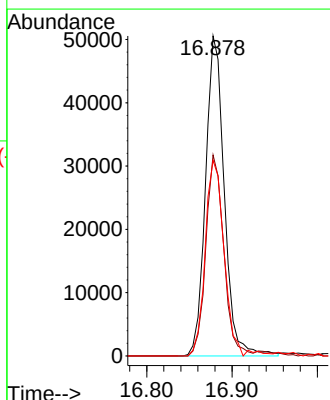
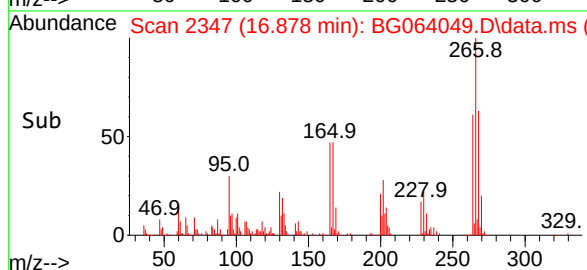
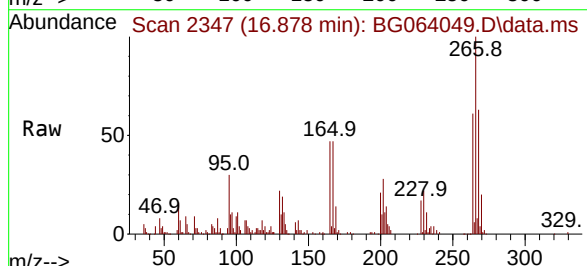
Manual Integrations  
APPROVED

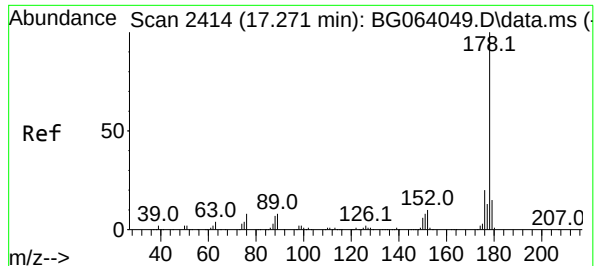
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#70  
Pentachlorophenol  
Concen: 41.856 ng  
RT: 16.878 min Scan# 2347  
Delta R.T. -0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

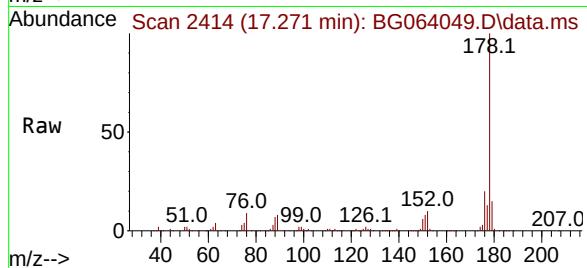
Tgt Ion:266 Resp: 77264  
Ion Ratio Lower Upper  
266 100  
268 62.8 50.2 75.4  
264 61.1 48.9 73.3





#71  
Phenanthrene  
Concen: 40.505 ng  
RT: 17.271 min Scan# 2414  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

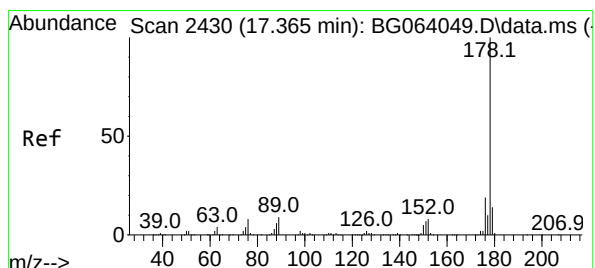
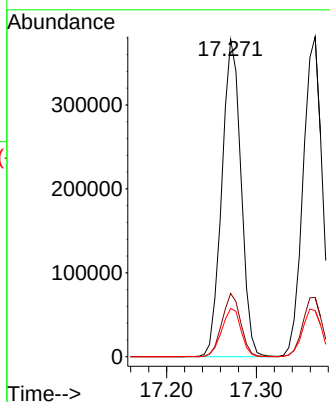
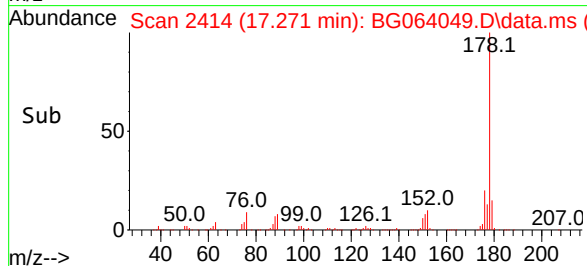
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:178 Resp: 560184  
Ion Ratio Lower Upper  
178 100  
176 19.9 15.9 23.9  
179 15.2 12.2 18.2

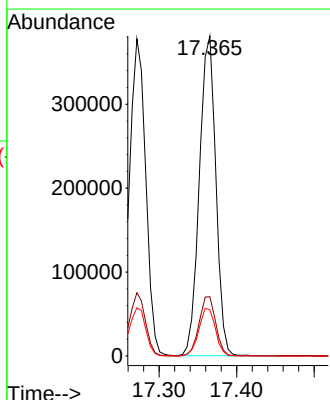
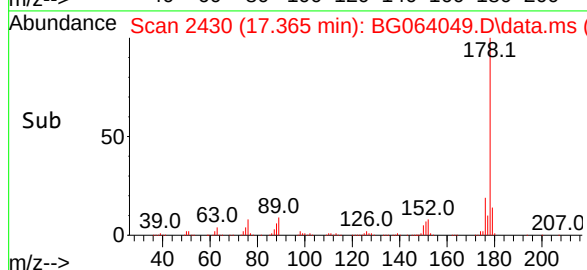
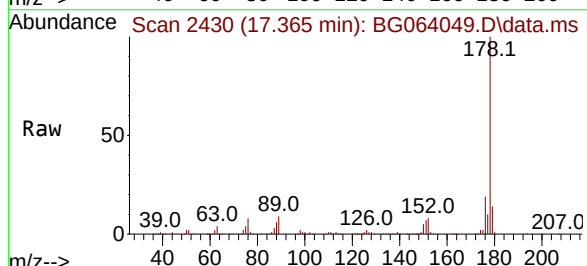
Manual Integrations  
APPROVED

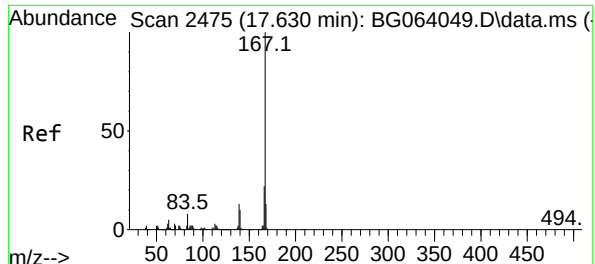
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#72  
Anthracene  
Concen: 40.932 ng  
RT: 17.365 min Scan# 2430  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

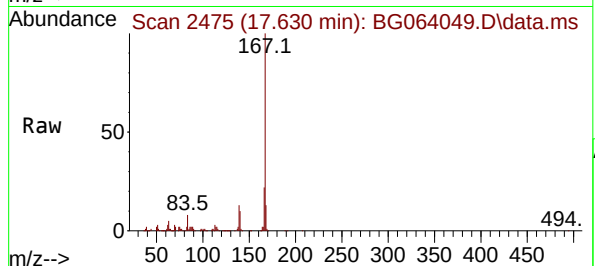
Tgt Ion:178 Resp: 562891  
Ion Ratio Lower Upper  
178 100  
176 18.5 14.8 22.2  
179 14.4 11.5 17.3





#73  
Carbazole  
Concen: 41.470 ng  
RT: 17.630 min Scan# 2475  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

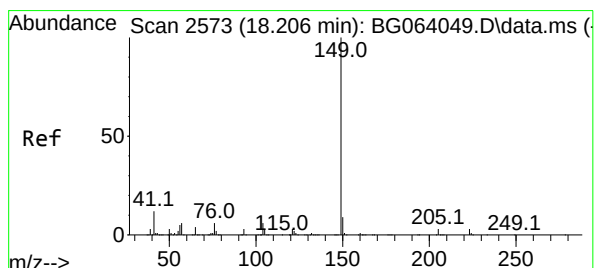
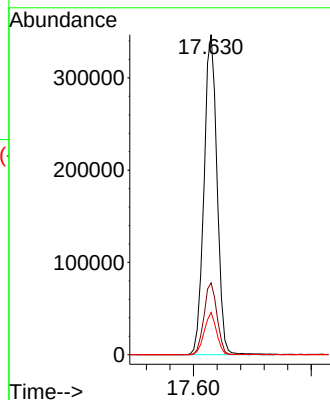
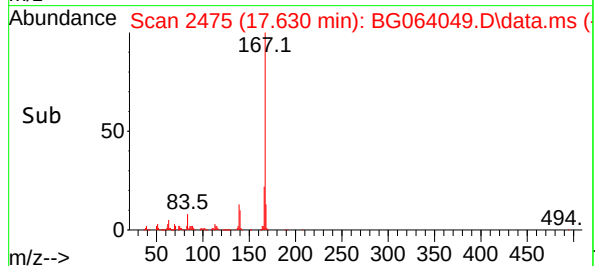
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:167 Resp: 53246  
Ion Ratio Lower Upper  
167 100  
166 22.5 18.0 27.0  
139 13.2 10.6 15.8

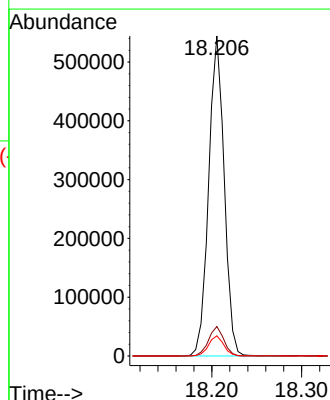
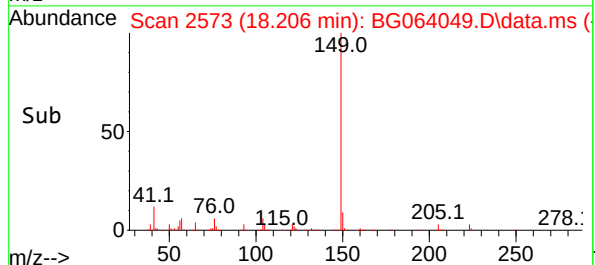
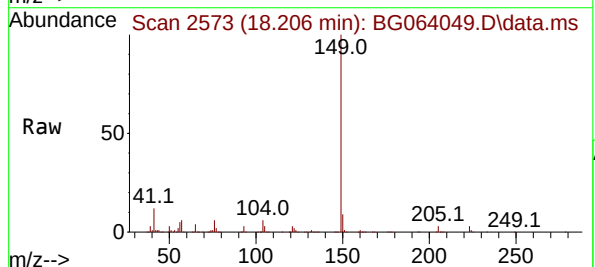
Manual Integrations  
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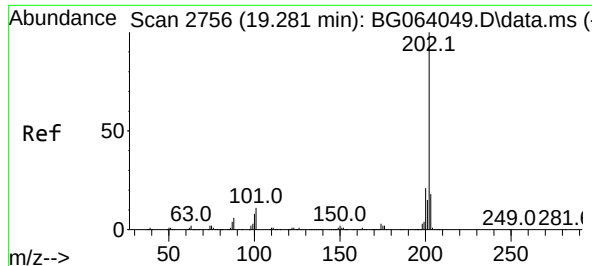
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#74  
Di-n-butylphthalate  
Concen: 43.141 ng  
RT: 18.206 min Scan# 2573  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

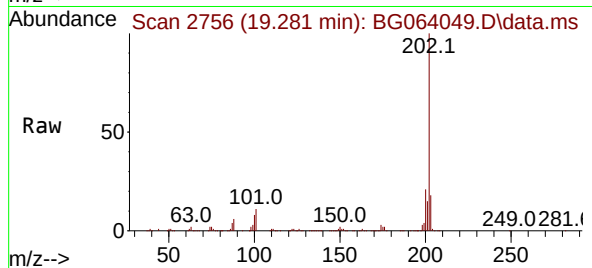
Tgt Ion:149 Resp: 652013  
Ion Ratio Lower Upper  
149 100  
150 9.2 7.4 11.0  
104 6.3 5.0 7.6





#75  
Fluoranthene  
Concen: 41.004 ng  
RT: 19.281 min Scan# 2756  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

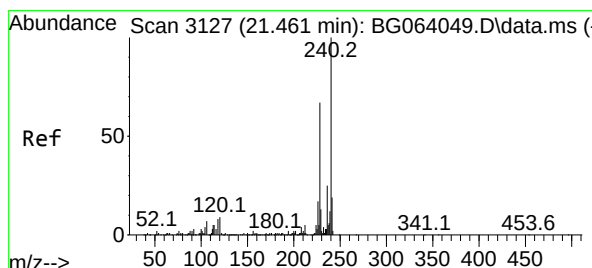
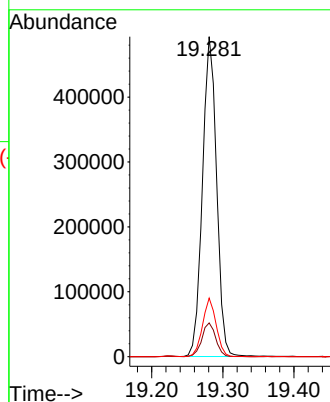
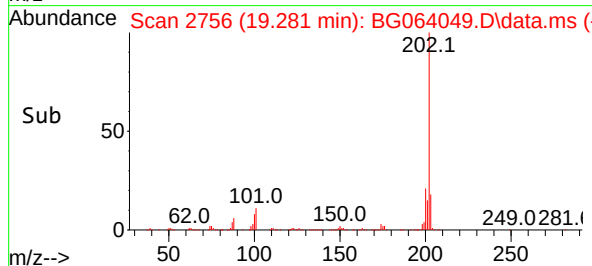
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:202 Resp: 683664  
Ion Ratio Lower Upper  
202 100  
101 10.5 0.0 30.5  
203 18.3 0.0 38.3

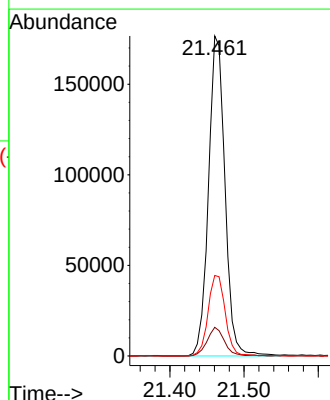
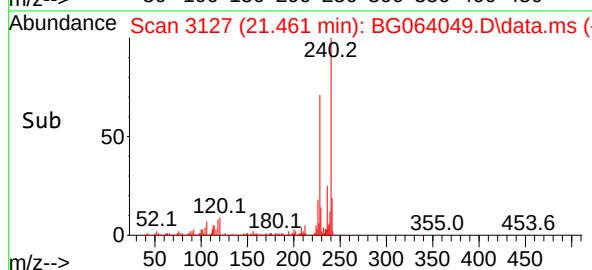
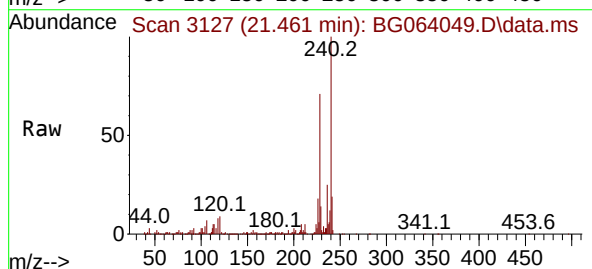
Manual Integrations  
APPROVED

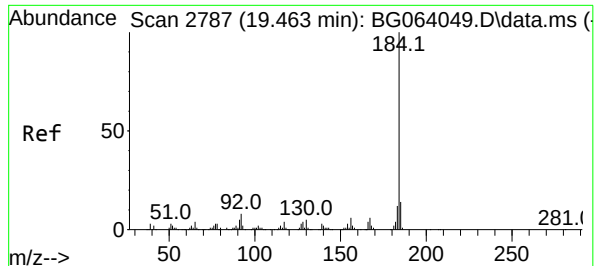
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.461 min Scan# 3127  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

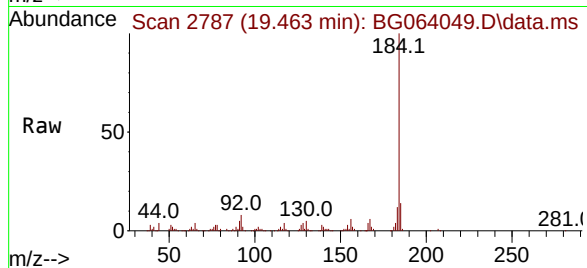
Tgt Ion:240 Resp: 272676  
Ion Ratio Lower Upper  
240 100  
120 9.0 7.2 10.8  
236 25.2 20.2 30.2





#77  
Benzidine  
Concen: 44.641 ng  
RT: 19.463 min Scan# 2787  
Delta R.T. -0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

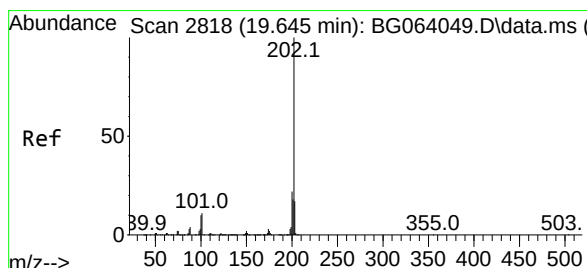
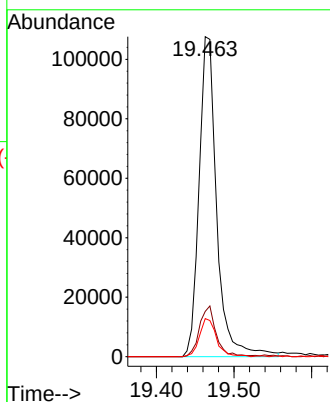
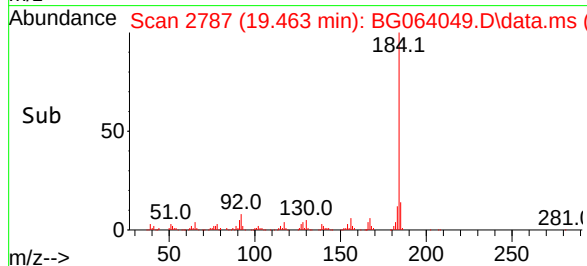
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:184 Resp: 170880  
Ion Ratio Lower Upper  
184 100  
185 14.1 11.3 16.9  
183 11.9 9.5 14.3

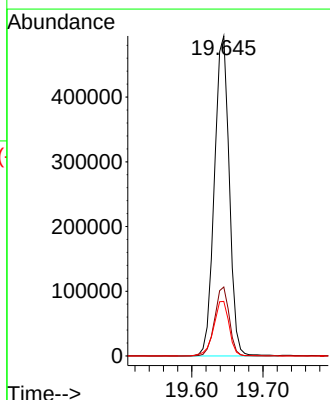
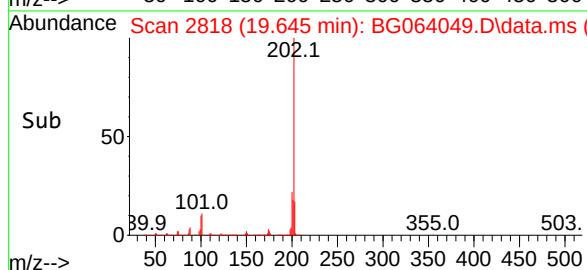
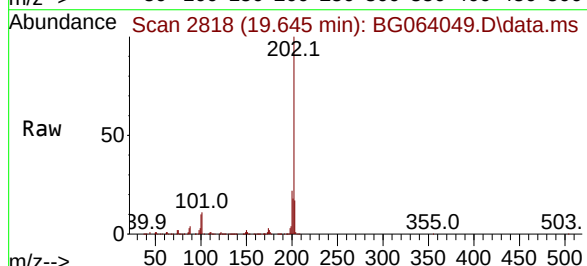
Manual Integrations  
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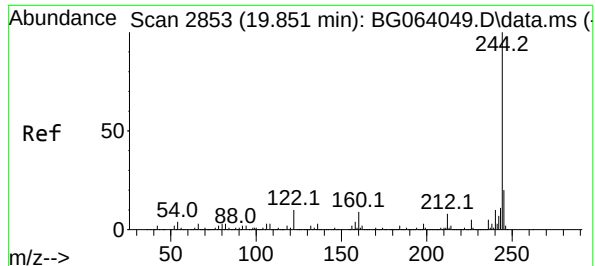
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#78  
Pyrene  
Concen: 40.653 ng  
RT: 19.645 min Scan# 2818  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

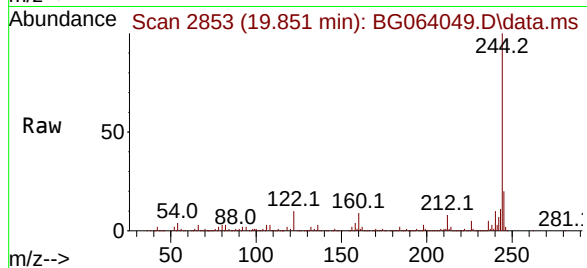
Tgt Ion:202 Resp: 714571  
Ion Ratio Lower Upper  
202 100  
200 21.6 17.3 25.9  
203 17.0 13.6 20.4





#79  
Terphenyl-d14  
Concen: 80.801 ng  
RT: 19.851 min Scan# 2853  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

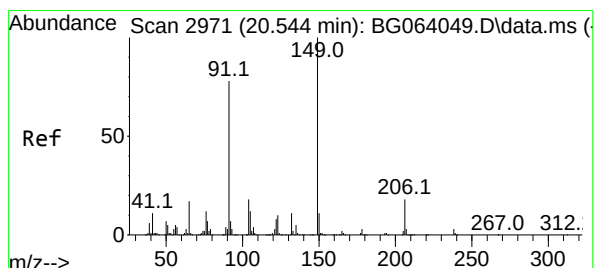
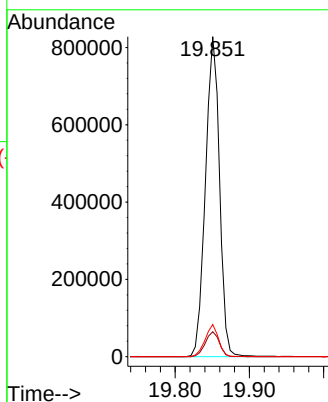
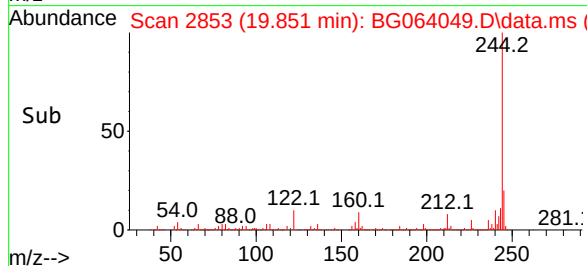
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



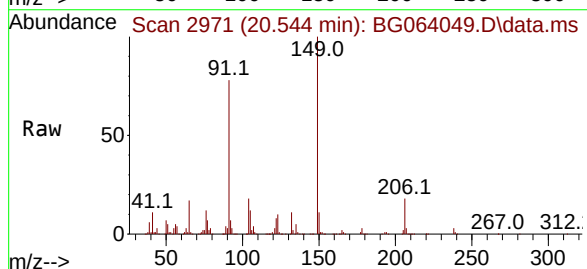
Tgt Ion:244 Resp: 108964  
Ion Ratio Lower Upper  
244 100  
212 7.8 6.2 9.4  
122 10.0 8.0 12.0

Manual Integrations  
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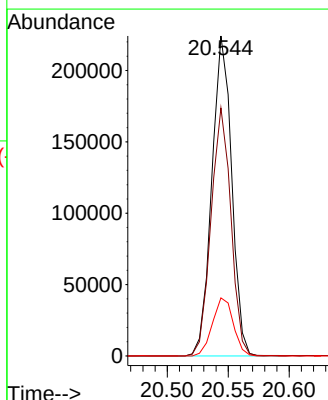
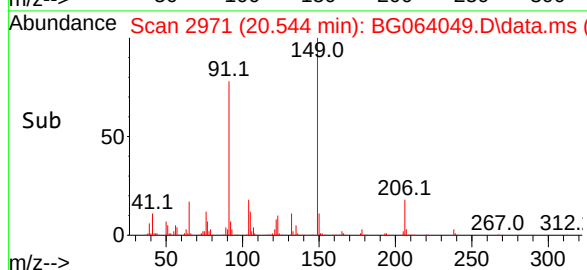
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

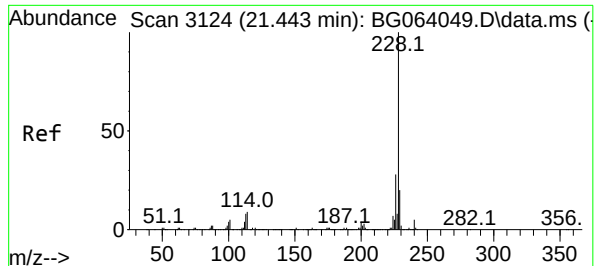


#80  
Butylbenzylphthalate  
Concen: 39.178 ng  
RT: 20.544 min Scan# 2971  
Delta R.T. -0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43



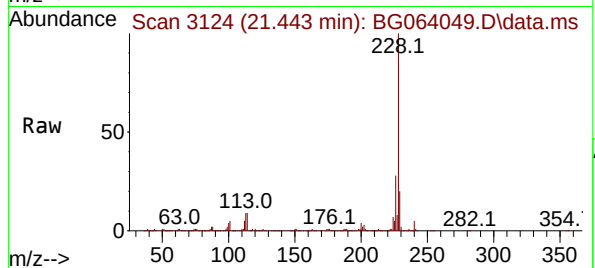
Tgt Ion:149 Resp: 253637  
Ion Ratio Lower Upper  
149 100  
91 77.5 62.0 93.0  
206 18.2 14.6 21.8





#81  
Benzo(a)anthracene  
Concen: 40.681 ng  
RT: 21.443 min Scan# 3124  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

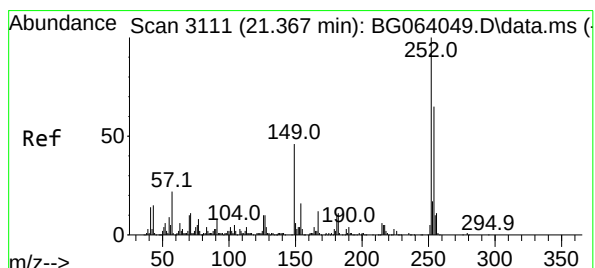
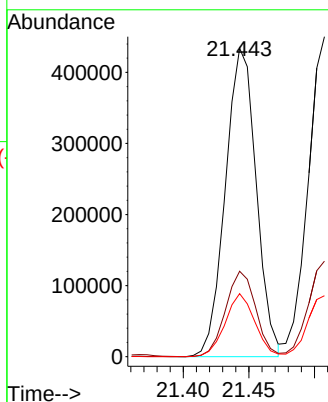
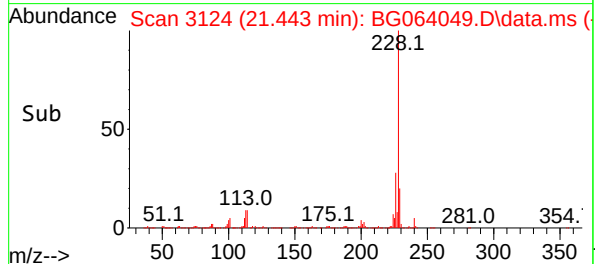
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:228 Resp: 71057  
Ion Ratio Lower Upper  
228 100  
226 27.7 22.2 33.2  
229 20.5 16.4 24.6

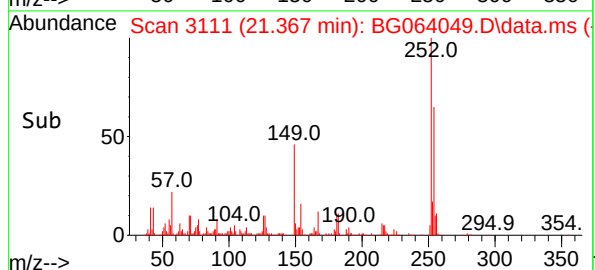
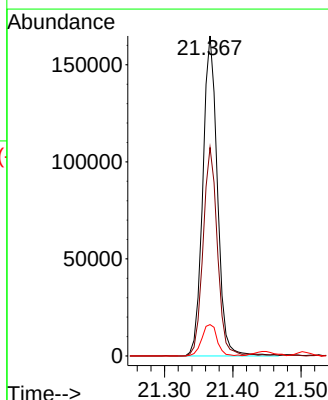
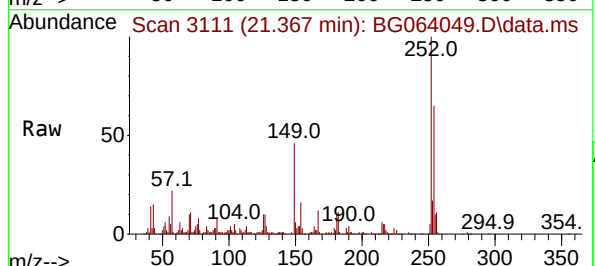
Manual Integrations  
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Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

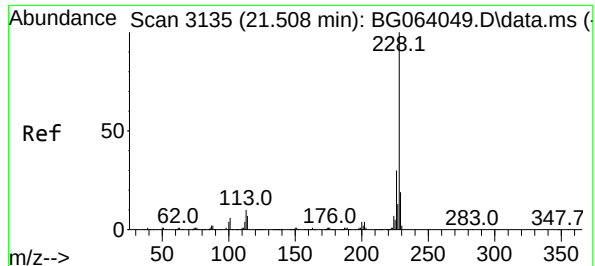


#82  
3,3'-Dichlorobenzidine  
Concen: 43.385 ng  
RT: 21.367 min Scan# 3111  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

Tgt Ion:252 Resp: 245252  
Ion Ratio Lower Upper  
252 100  
254 65.1 52.1 78.1  
126 9.8 7.8 11.8

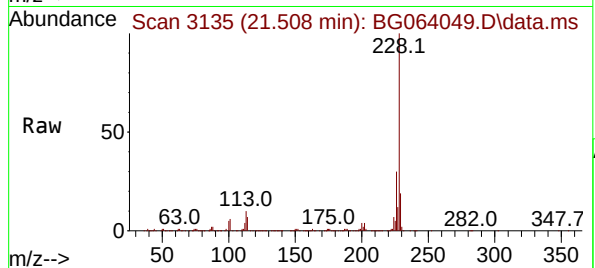






#83  
Chrysene  
Concen: 40.888 ng  
RT: 21.508 min Scan# 3135  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

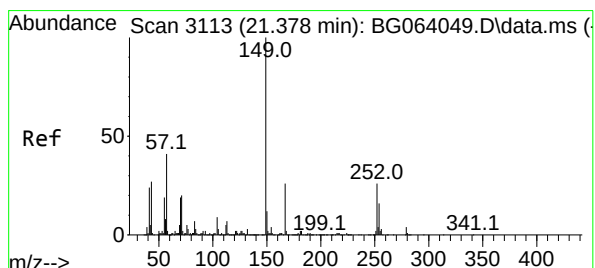
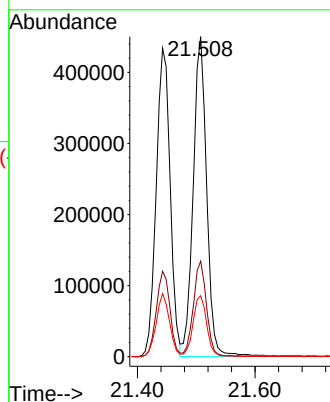
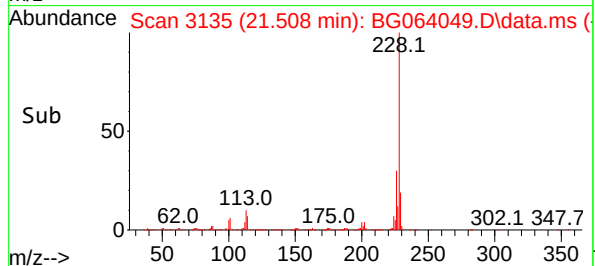
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:228 Resp: 712310  
Ion Ratio Lower Upper  
228 100  
226 29.9 23.9 35.9  
229 19.1 15.3 22.9

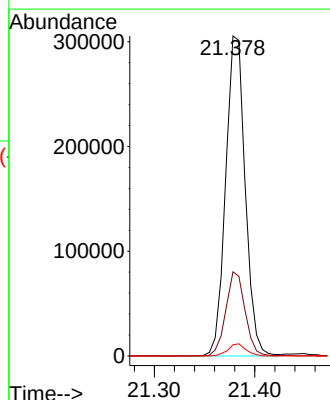
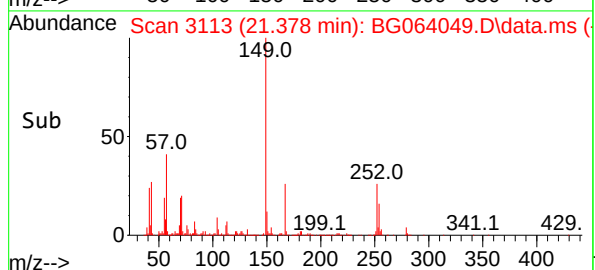
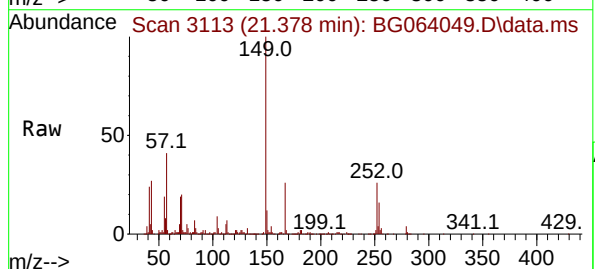
Manual Integrations  
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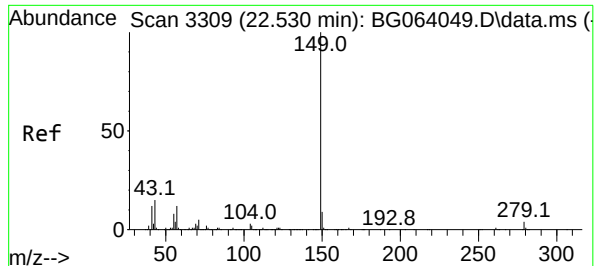
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 43.709 ng  
RT: 21.378 min Scan# 3113  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

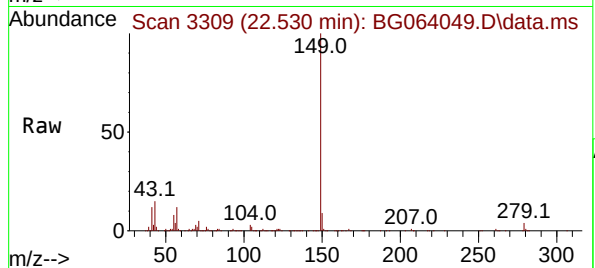
Tgt Ion:149 Resp: 412893  
Ion Ratio Lower Upper  
149 100  
167 26.3 21.0 31.6  
279 3.5 2.8 4.2





#85  
Di-n-octyl phthalate  
Concen: 41.459 ng  
RT: 22.530 min Scan# 3309  
Delta R.T. -0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

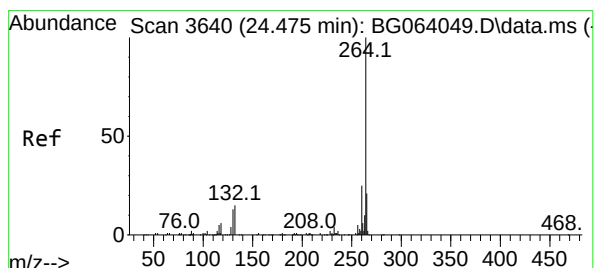
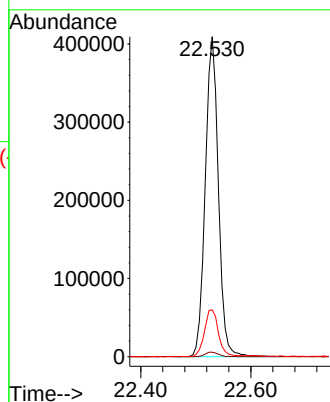
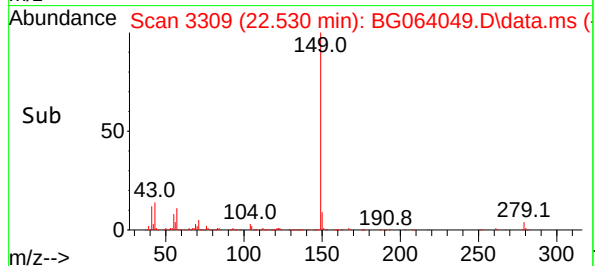
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:149 Resp: 675510  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 15.8 12.6 19.0

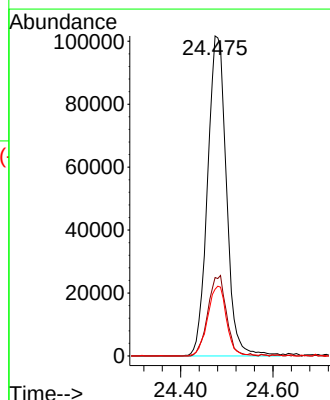
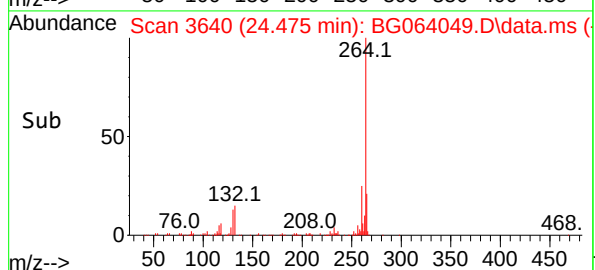
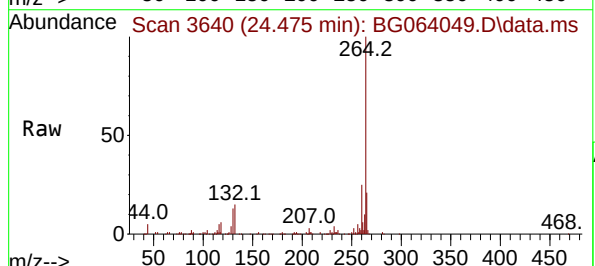
Manual Integrations  
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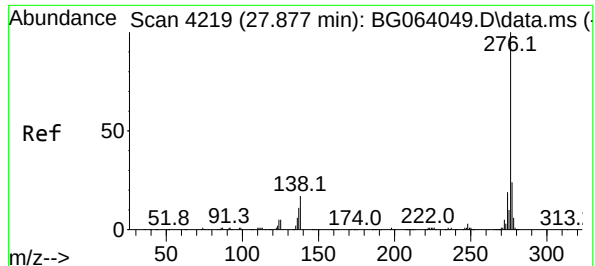
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.475 min Scan# 3640  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

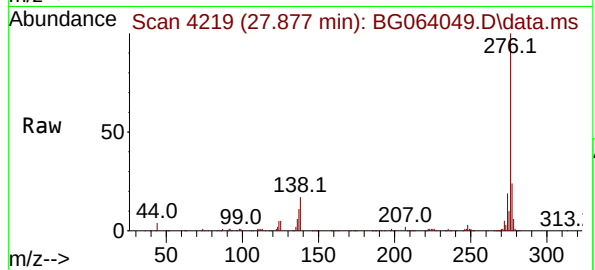
Tgt Ion:264 Resp: 289801  
Ion Ratio Lower Upper  
264 100  
260 24.5 19.6 29.4  
265 20.8 16.6 25.0





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 41.124 ng  
RT: 27.877 min Scan# 4219  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

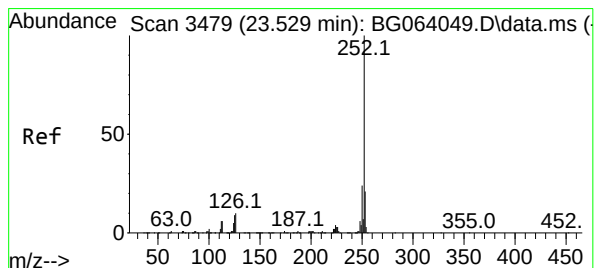
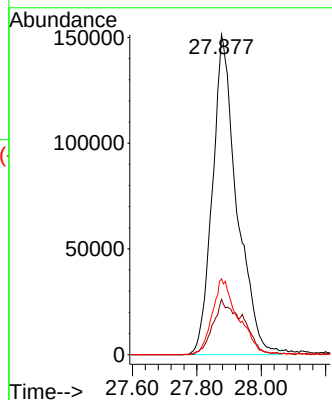
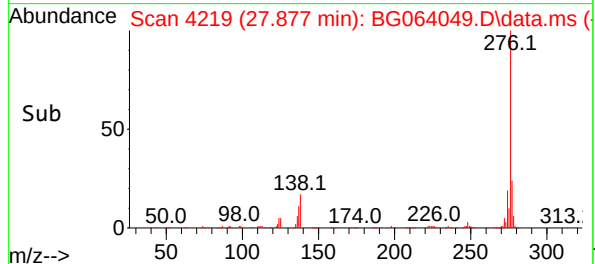
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:276 Resp: 79738  
Ion Ratio Lower Upper  
276 100  
138 15.1 12.1 18.1  
277 25.0 20.0 30.0

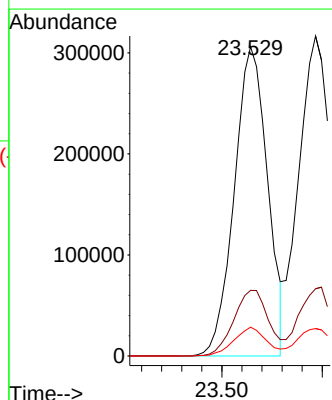
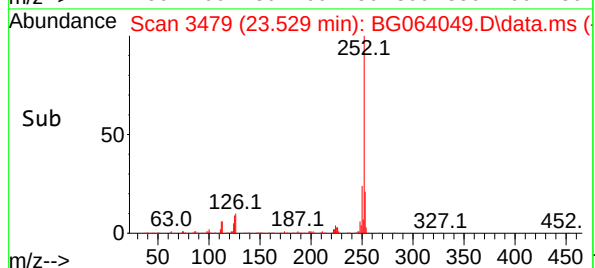
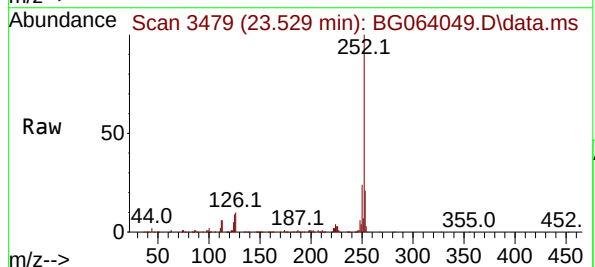
Manual Integrations  
APPROVED

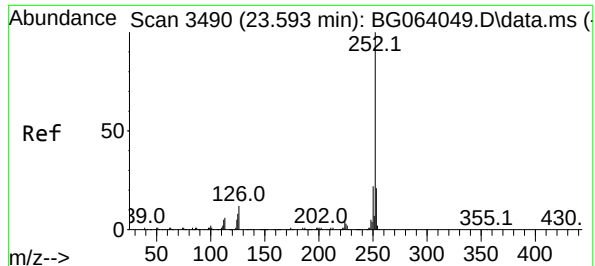
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#88  
Benzo(b)fluoranthene  
Concen: 40.217 ng  
RT: 23.529 min Scan# 3479  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

Tgt Ion:252 Resp: 704588  
Ion Ratio Lower Upper  
252 100  
253 21.2 17.0 25.4  
125 9.3 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 41.391 ng

RT: 23.593 min Scan# 3490

Delta R.T. 0.000 min

Lab File: BG064049.D

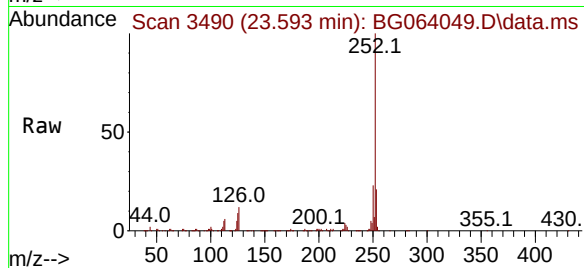
Acq: 5 Mar 2025 11:43

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040



Tgt Ion:252 Resp: 72746

Ion Ratio Lower Upper

252 100

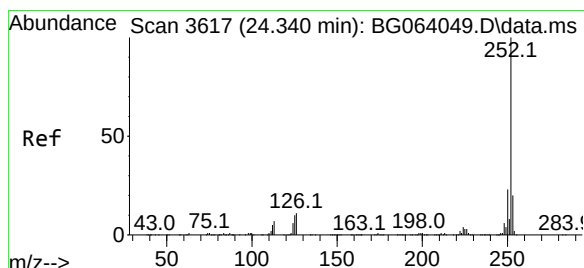
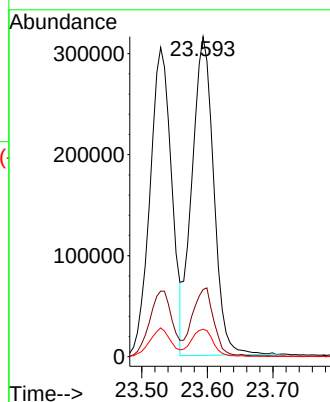
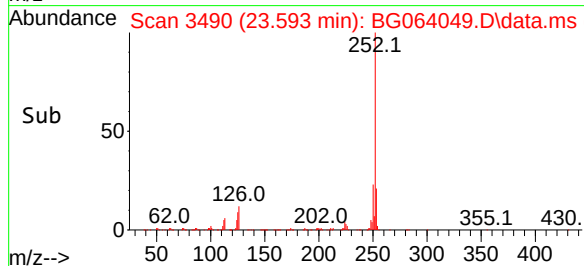
253 21.0 16.8 25.2

125 8.6 6.9 10.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
 Supervised By :mohammad ahmed 03/07/2025



#90

Benzo(a)pyrene

Concen: 41.134 ng

RT: 24.340 min Scan# 3617

Delta R.T. 0.000 min

Lab File: BG064049.D

Acq: 5 Mar 2025 11:43

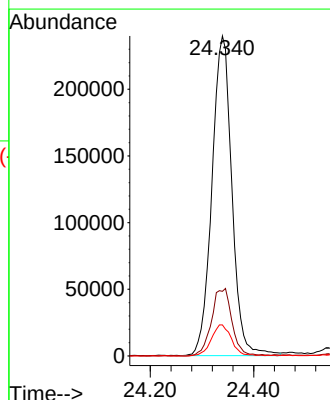
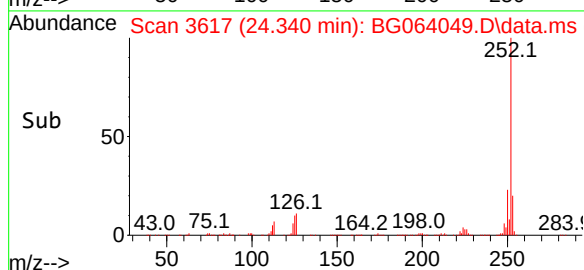
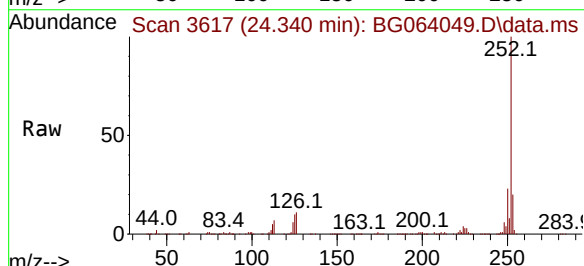
Tgt Ion:252 Resp: 641802

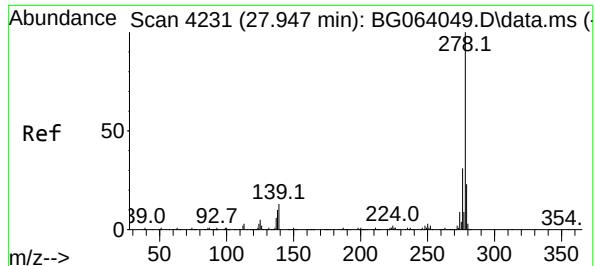
Ion Ratio Lower Upper

252 100

253 20.2 16.2 24.2

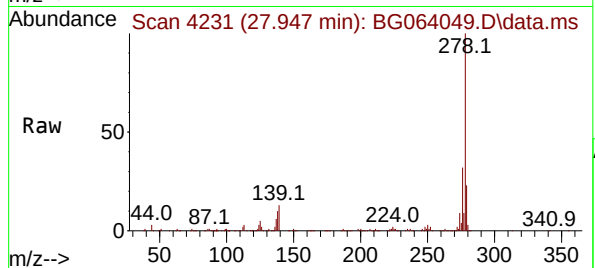
125 9.7 7.8 11.6





#91  
Dibenzo(a,h)anthracene  
Concen: 40.836 ng  
RT: 27.947 min Scan# 4231  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

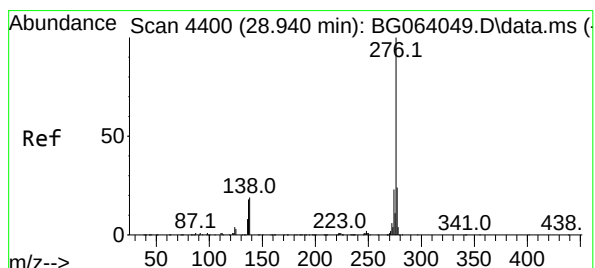
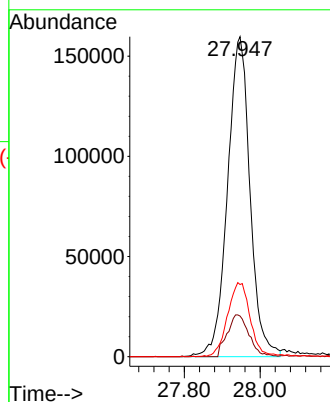
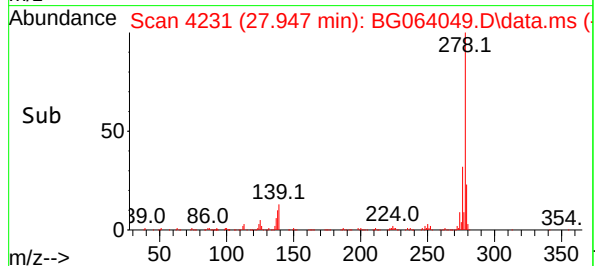
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:278 Resp: 65643  
Ion Ratio Lower Upper  
278 100  
139 12.7 10.2 15.2  
279 22.6 18.1 27.1

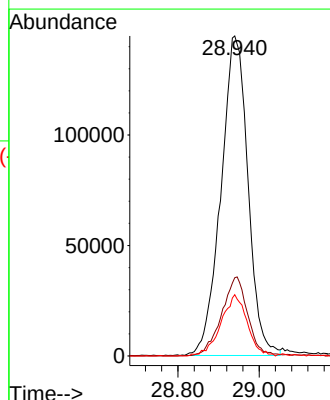
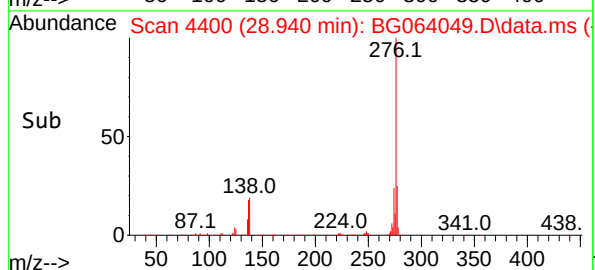
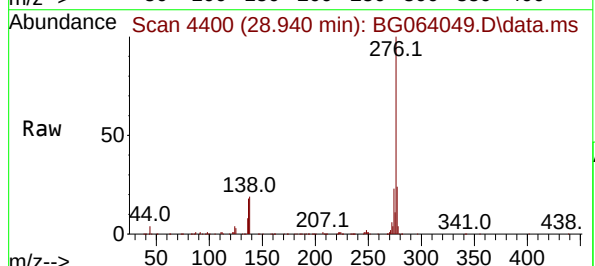
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#92  
Benzo(g,h,i)perylene  
Concen: 40.469 ng  
RT: 28.940 min Scan# 4400  
Delta R.T. 0.000 min  
Lab File: BG064049.D  
Acq: 5 Mar 2025 11:43

Tgt Ion:276 Resp: 667911  
Ion Ratio Lower Upper  
276 100  
277 24.4 19.5 29.3  
138 19.2 15.4 23.0



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030525\  
 Data File : BG064050.D  
 Acq On : 5 Mar 2025 12:23  
 Operator : RC/JU  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050

Manual Integrations  
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Reviewed By :Jagrut Upadhyay 03/06/2025  
 Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:24:11 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 05 14:45:06 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.865  | 152  | 38040    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.656 | 136  | 162322   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.487 | 164  | 110522   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.231 | 188  | 254221   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.467 | 240  | 272579   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.475 | 264  | 286555   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.451  | 112  | 239407   | 98.271  | ng    | 0.00     |
| 7) Phenol-d6                  | 7.031  | 99   | 323841   | 97.714  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.017  | 82   | 316407   | 107.720 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.974 | 330  | 133386   | 108.574 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.118 | 172  | 708865   | 97.354  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.851 | 244  | 1286263  | 95.415  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.377  | 88   | 53145    | 48.134  | ng    | 98       |
| 3) Pyridine                   | 3.764  | 79   | 127257   | 47.393  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.682  | 42   | 94714    | 49.369  | ng    | 93       |
| 6) Aniline                    | 7.196  | 93   | 156110   | 48.003  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.431  | 128  | 126814   | 48.467  | ng    | 100      |
| 9) Benzaldehyde               | 7.008  | 77   | 81796    | 42.223  | ng    | 95       |
| 10) Phenol                    | 7.060  | 94   | 166630   | 49.107  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.290  | 93   | 125734   | 47.264  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.760  | 146  | 136763   | 47.598  | ng    | 95       |
| 13) 1,4-Dichlorobenzene       | 7.901  | 146  | 140578   | 47.733  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.218  | 146  | 134631   | 47.407  | ng    | 96       |
| 15) Benzyl Alcohol            | 8.100  | 79   | 129182   | 50.441  | ng    | 93       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.394  | 45   | 284947   | 47.637  | ng    | 100      |
| 17) 2-Methylphenol            | 8.300  | 107  | 111405   | 49.469  | ng    | 97       |
| 18) Hexachloroethane          | 8.947  | 117  | 50035    | 48.558  | ng    | 91       |
| 19) n-Nitroso-di-n-propyla... | 8.670  | 70   | 113111   | 48.631  | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.629  | 107  | 153346   | 49.461  | ng    | 97       |
| 22) Acetophenone              | 8.682  | 105  | 221424   | 49.752  | ng    | 99       |
| 24) Nitrobenzene              | 9.058  | 77   | 160553   | 52.890  | ng    | 96       |
| 25) Isophorone                | 9.581  | 82   | 290768   | 49.457  | ng    | 97       |
| 26) 2-Nitrophenol             | 9.769  | 139  | 52718    | 49.791  | ng    | 100      |
| 27) 2,4-Dimethylphenol        | 9.828  | 122  | 89845    | 50.976  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 10.069 | 93   | 173244   | 48.604  | ng    | 96       |
| 29) 2,4-Dichlorophenol        | 10.298 | 162  | 117642   | 52.861  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 10.521 | 180  | 136213   | 50.701  | ng    | 93       |
| 31) Naphthalene               | 10.703 | 128  | 430679   | 49.204  | ng    | 98       |
| 32) Benzoic acid              | 9.975  | 122  | 77326m   | 47.851  | ng    |          |
| 33) 4-Chloroaniline           | 10.809 | 127  | 159874   | 49.975  | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.997 | 225  | 87623    | 49.759  | ng    | 96       |
| 35) Caprolactam               | 11.579 | 113  | 45779    | 53.678  | ng    | 92       |
| 36) 4-Chloro-3-methylphenol   | 11.931 | 107  | 151419   | 51.905  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.313 | 142  | 302745   | 48.994  | ng    | 96       |
| 38) 1-Methylnaphthalene       | 12.531 | 142  | 293710   | 48.517  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.677 | 216  | 154824   | 49.068  | ng    | 97       |
| 41) Hexachlorocyclopentadiene | 12.666 | 237  | 48218    | 54.295  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.918 | 196  | 100024   | 53.786  | ng    | 92       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030525\  
 Data File : BG064050.D  
 Acq On : 5 Mar 2025 12:23  
 Operator : RC/JU  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDICC050

## Manual Integrations

## APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
 Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:24:11 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 05 14:45:06 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.989 | 196  | 109309   | 52.900 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.324 | 154  | 407499   | 48.802 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.365 | 162  | 304442   | 49.991 | ng    | 97       |
| 48) 2-Nitroaniline            | 13.565 | 65   | 101610   | 49.852 | ng    | 96       |
| 49) Acenaphthylene            | 14.211 | 152  | 479498   | 49.779 | ng    | 100      |
| 50) Dimethylphthalate         | 13.952 | 163  | 404288   | 49.555 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.064 | 165  | 82929    | 49.957 | ng    | 90       |
| 52) Acenaphthene              | 14.558 | 154  | 320276m  | 49.442 | ng    |          |
| 53) 3-Nitroaniline            | 14.393 | 138  | 86456    | 54.830 | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 14.593 | 184  | 30713    | 48.003 | ng    | 89       |
| 55) Dibenzofuran              | 14.887 | 168  | 511922   | 48.883 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.693 | 139  | 77342    | 58.485 | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 14.851 | 165  | 115455   | 50.361 | ng    | # 95     |
| 58) Fluorene                  | 15.539 | 166  | 401156   | 49.182 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.110 | 232  | 106306   | 52.772 | ng    | 98       |
| 60) Diethylphthalate          | 15.321 | 149  | 448796   | 50.673 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.533 | 204  | 196685   | 48.525 | ng    | 93       |
| 62) 4-Nitroaniline            | 15.556 | 138  | 96864    | 56.899 | ng    | 96       |
| 63) Azobenzene                | 15.827 | 77   | 469832   | 49.712 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.609 | 198  | 52142    | 47.566 | ng    | 92       |
| 66) n-Nitrosodiphenylamine    | 15.744 | 169  | 354329   | 49.240 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.426 | 248  | 127329   | 48.903 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.538 | 284  | 144717   | 49.646 | ng    | 97       |
| 69) Atrazine                  | 16.696 | 200  | 81796    | 38.632 | ng    | 96       |
| 70) Pentachlorophenol         | 16.878 | 266  | 95820    | 52.943 | ng    | 98       |
| 71) Phenanthrene              | 17.272 | 178  | 669776   | 49.395 | ng    | 99       |
| 72) Anthracene                | 17.360 | 178  | 670298   | 49.714 | ng    | 98       |
| 73) Carbazole                 | 17.630 | 167  | 640167   | 50.853 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.206 | 149  | 785487   | 53.009 | ng    | 100      |
| 75) Fluoranthene              | 19.281 | 202  | 824769   | 50.454 | ng    | 99       |
| 77) Benzidine                 | 19.464 | 184  | 133122   | 34.790 | ng    | 99       |
| 78) Pyrene                    | 19.646 | 202  | 854585   | 48.636 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.545 | 149  | 322148   | 48.794 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.449 | 228  | 868997   | 49.769 | ng    | 96       |
| 82) 3,3'-Dichlorobenzidine    | 21.367 | 252  | 283543   | 50.177 | ng    | 98       |
| 83) Chrysene                  | 21.508 | 228  | 860924   | 49.437 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.385 | 149  | 511903   | 54.210 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.531 | 149  | 855727   | 52.538 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 27.883 | 276  | 970339   | 50.610 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 23.535 | 252  | 882554   | 50.946 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.600 | 252  | 863262   | 49.673 | ng    | 97       |
| 90) Benzo(a)pyrene            | 24.346 | 252  | 792379   | 51.360 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 27.948 | 278  | 812185   | 51.097 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 28.947 | 276  | 821282   | 50.325 | ng    | 99       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

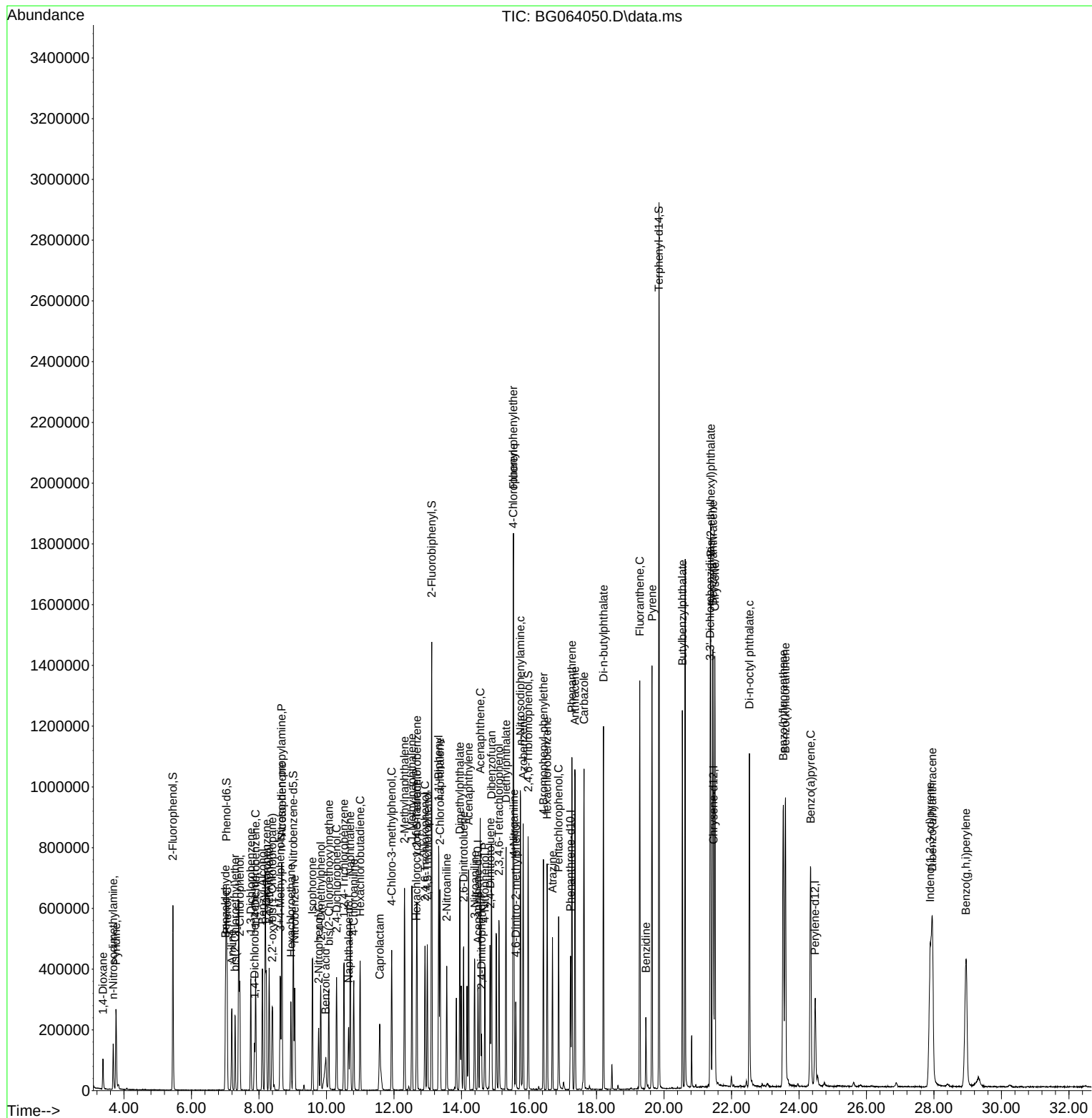
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Data File : BG064050.D  
Acq On : 5 Mar 2025 12:23  
Operator : RC/JU  
Sample : SSTDICC050  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**  
BNA\_G  
**ClientSampleId :**  
SSTDICC050

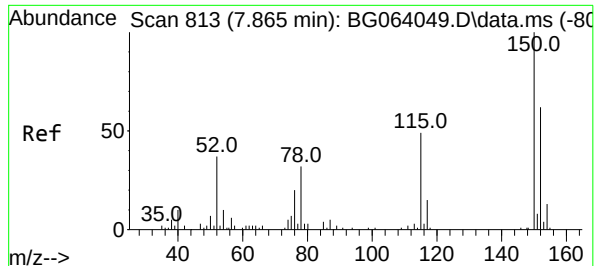
## Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:24:11 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Mar 05 14:45:06 2025  
Response via : Initial Calibration

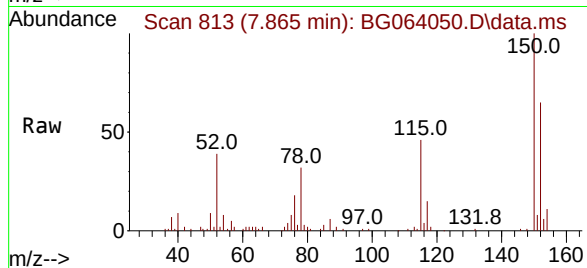






#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.865 min Scan# 813  
Delta R.T. 0.000 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

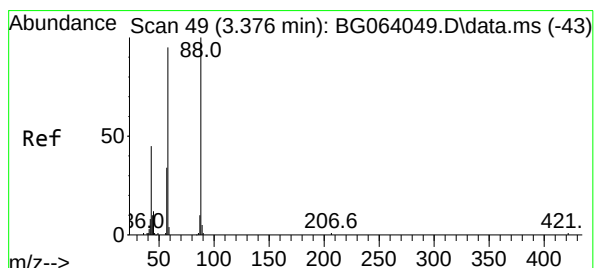
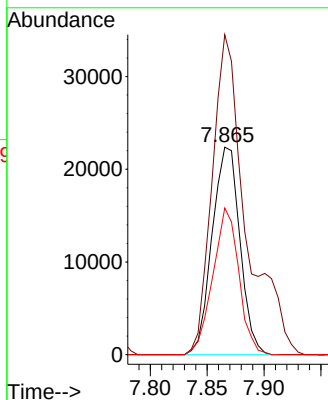
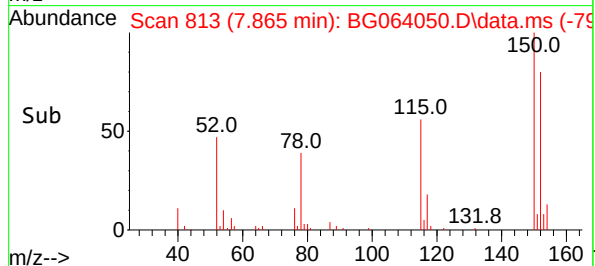
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



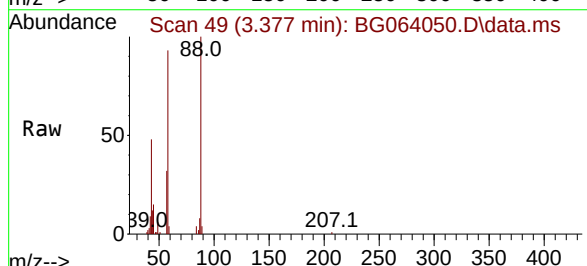
Tgt Ion:152 Resp: 38040  
Ion Ratio Lower Upper  
152 100  
150 154.2 129.2 193.8  
115 70.7 63.0 94.6

Manual Integrations  
APPROVED

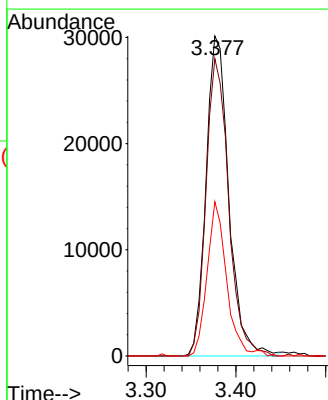
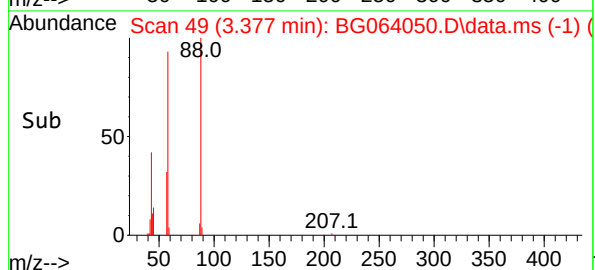
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

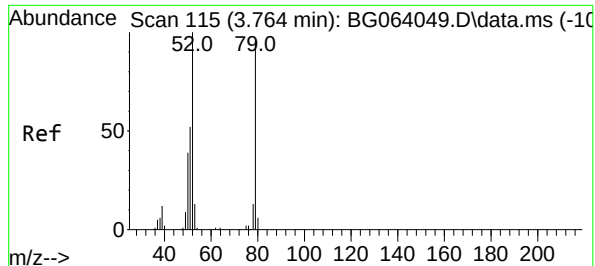


#2  
1,4-Dioxane  
Concen: 48.134 ng  
RT: 3.377 min Scan# 49  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23



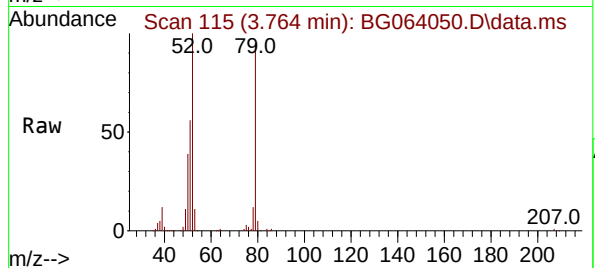
Tgt Ion: 88 Resp: 53145  
Ion Ratio Lower Upper  
88 100  
58 91.8 74.6 111.8  
43 41.4 35.5 53.3





#3  
Pyridine  
Concen: 47.393 ng  
RT: 3.764 min Scan# 115  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

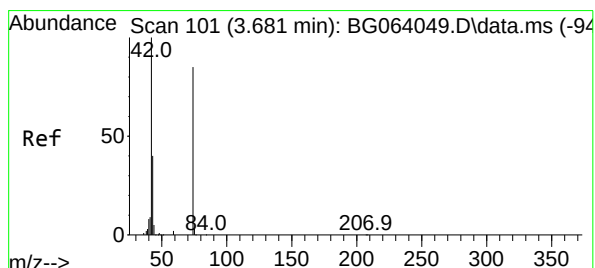
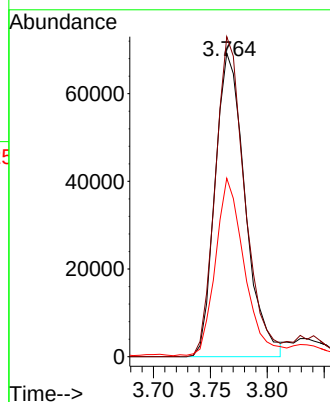
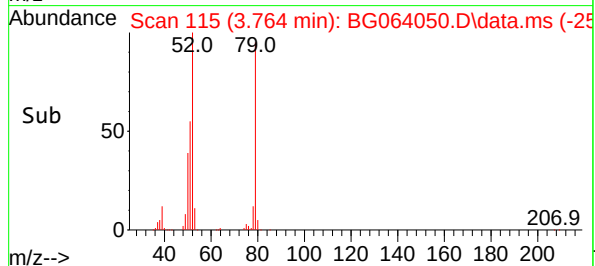
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion: 79 Resp: 12725  
Ion Ratio Lower Upper  
79 100  
52 105.4 83.0 124.6  
51 58.8 44.3 66.5

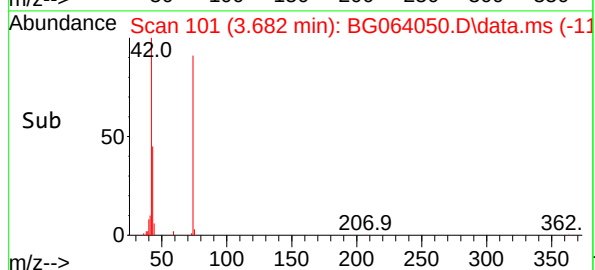
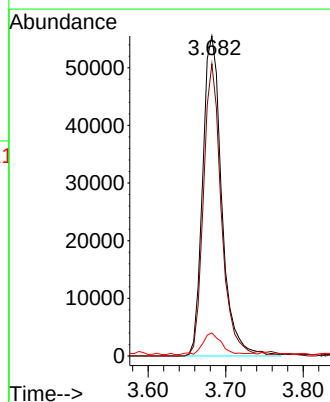
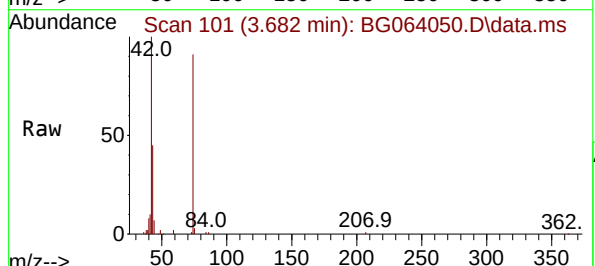
Manual Integrations  
APPROVED

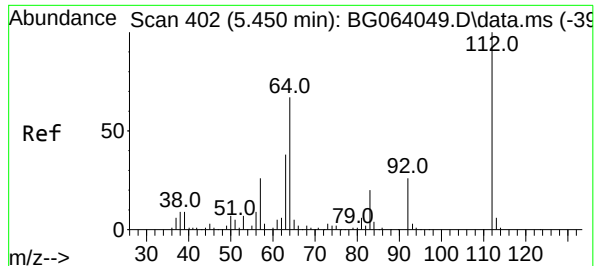
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#4  
n-Nitrosodimethylamine  
Concen: 49.369 ng  
RT: 3.682 min Scan# 101  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

Tgt Ion: 42 Resp: 94714  
Ion Ratio Lower Upper  
42 100  
74 91.3 68.0 102.0  
44 7.2 4.9 7.3





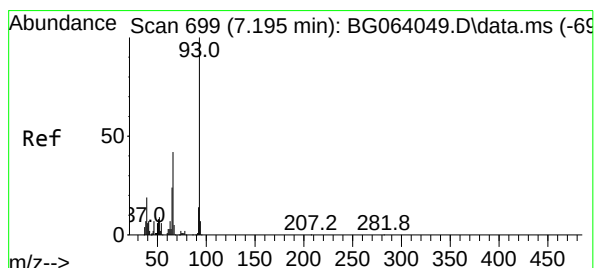
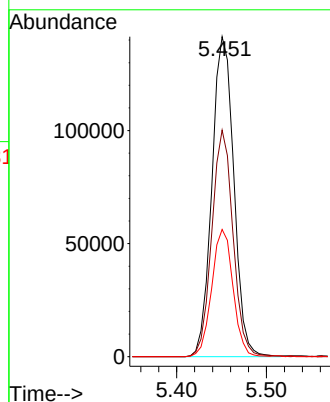
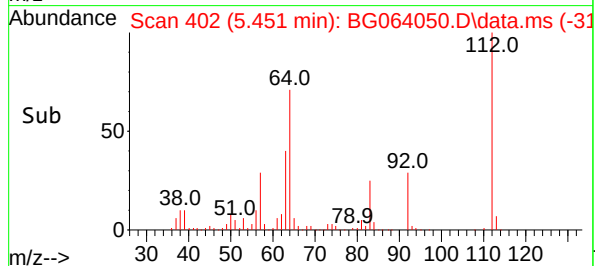
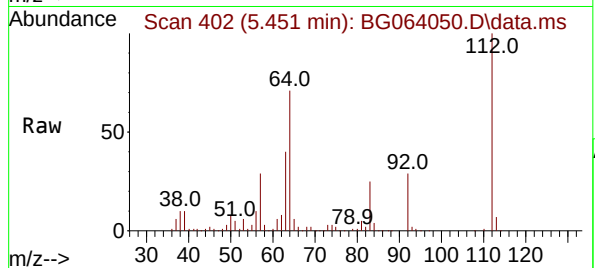
#5  
2-Fluorophenol  
Concen: 98.271 ng  
RT: 5.451 min Scan# 402  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050

Tgt Ion:112 Resp: 23940  
Ion Ratio Lower Upper  
112 100  
64 70.8 53.7 80.5  
63 39.8 30.2 45.4

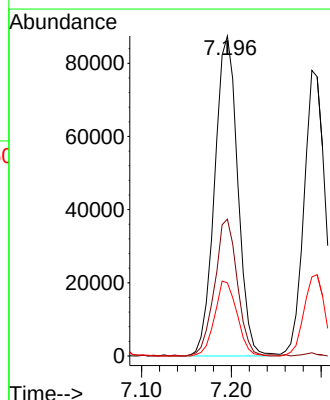
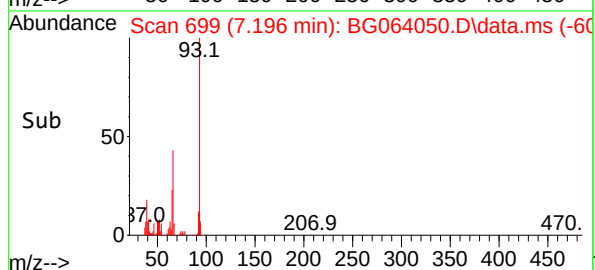
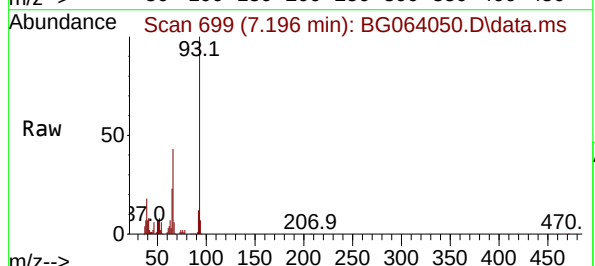
Manual Integrations  
APPROVED

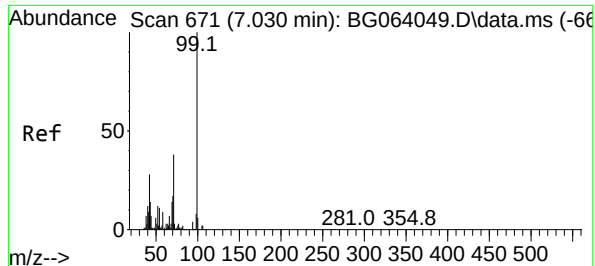
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#6  
Aniline  
Concen: 48.003 ng  
RT: 7.196 min Scan# 699  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

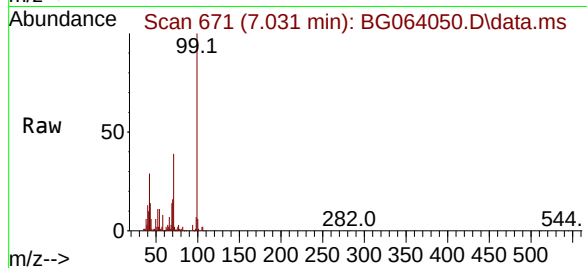
Tgt Ion: 93 Resp: 156110  
Ion Ratio Lower Upper  
93 100  
66 42.7 33.7 50.5  
65 22.9 19.1 28.7





#7  
Phenol-d6  
Concen: 97.714 ng  
RT: 7.031 min Scan# 671  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

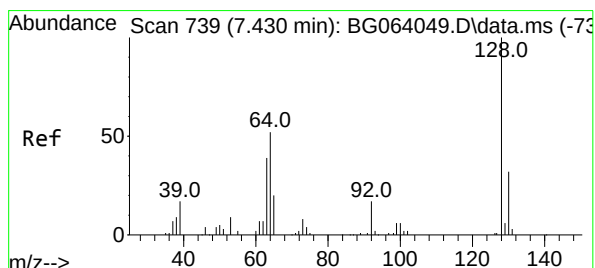
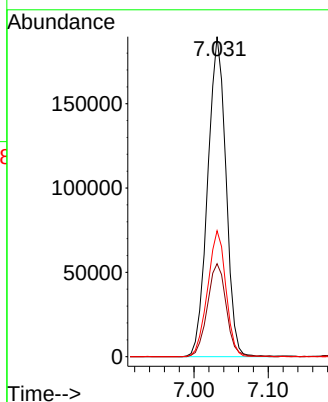
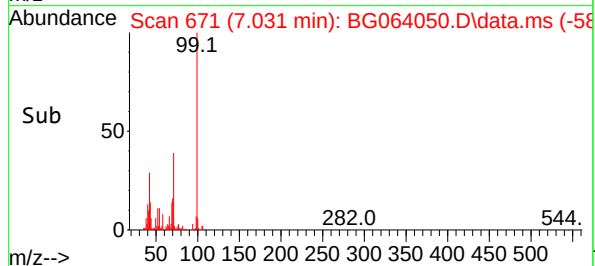
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



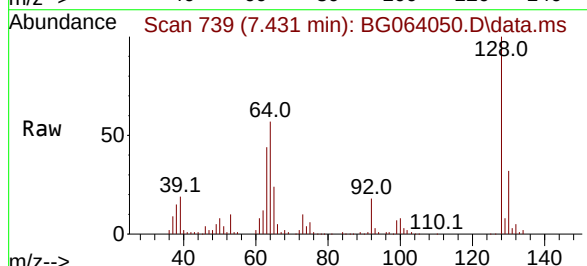
Tgt Ion: 99 Resp: 32384  
Ion Ratio Lower Upper  
99 100  
42 29.1 22.7 34.1  
71 39.4 30.6 46.0

Manual Integrations  
APPROVED

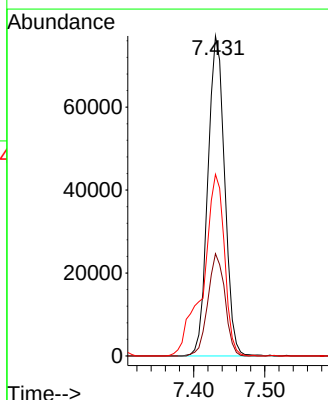
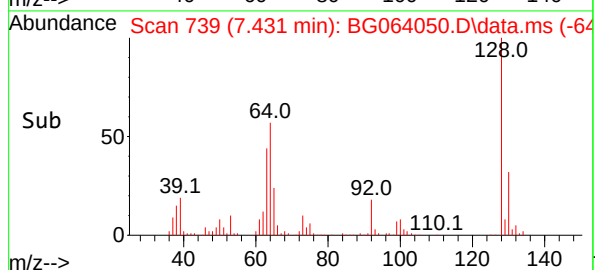
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

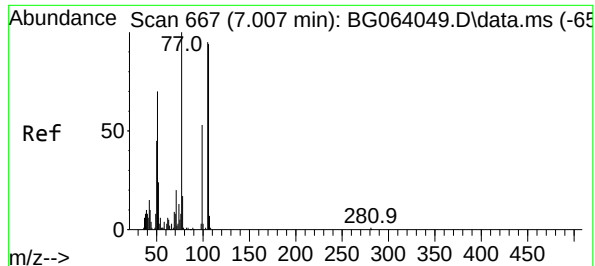


#8  
2-Chlorophenol  
Concen: 48.467 ng  
RT: 7.431 min Scan# 739  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23



Tgt Ion:128 Resp: 126814  
Ion Ratio Lower Upper  
128 100  
130 31.9 12.3 52.3  
64 56.7 37.0 77.0





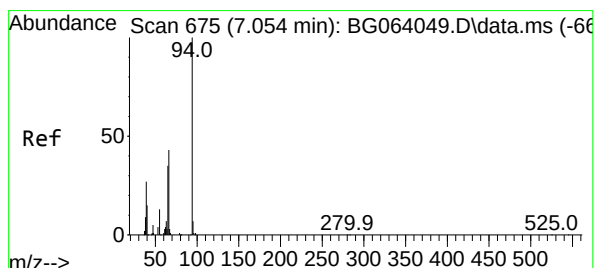
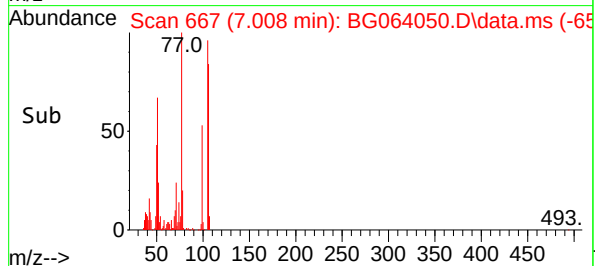
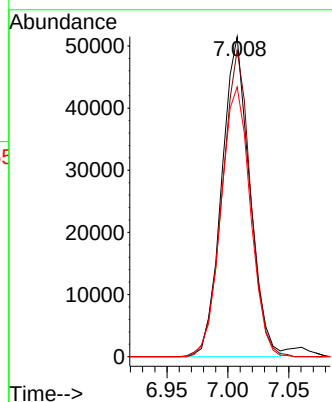
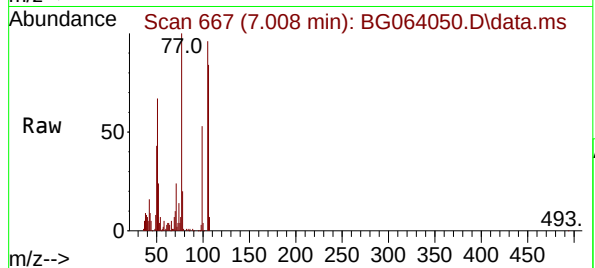
#9  
Benzaldehyde  
Concen: 42.223 ng  
RT: 7.008 min Scan# 60  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050

Tgt Ion: 77 Resp: 81790  
Ion Ratio Lower Upper  
77 100  
105 95.8 75.5 115.5  
106 84.3 74.2 114.2

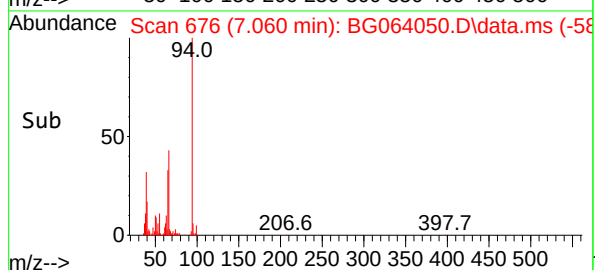
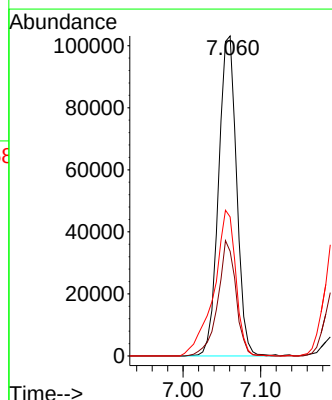
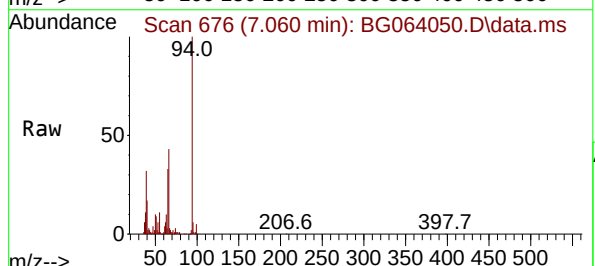
Manual Integrations  
APPROVED

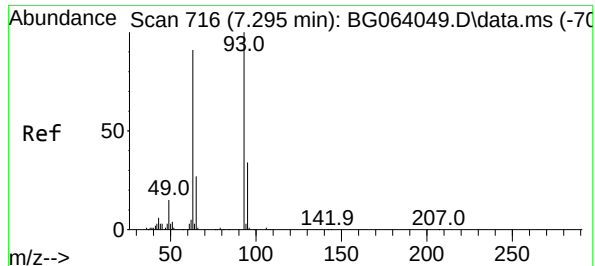
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#10  
Phenol  
Concen: 49.107 ng  
RT: 7.060 min Scan# 676  
Delta R.T. 0.007 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

Tgt Ion: 94 Resp: 166630  
Ion Ratio Lower Upper  
94 100  
65 32.7 15.2 55.2  
66 43.4 25.1 65.1





#11

bis(2-Chloroethyl)ether

Concen: 47.264 ng

RT: 7.290 min Scan# 716

Delta R.T. -0.005 min

Lab File: BG064050.D

Acq: 5 Mar 2025 12:23

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

Tgt Ion: 93 Resp: 125734

Ion Ratio Lower Upper

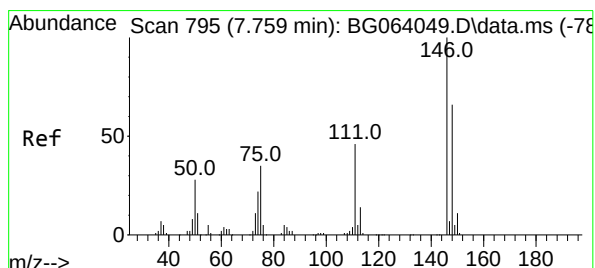
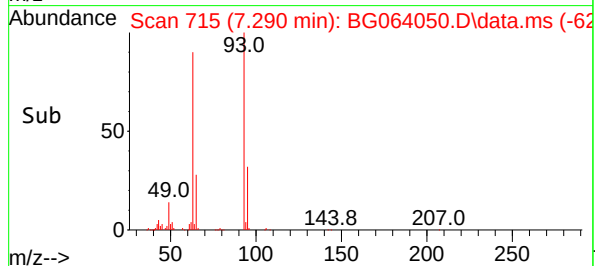
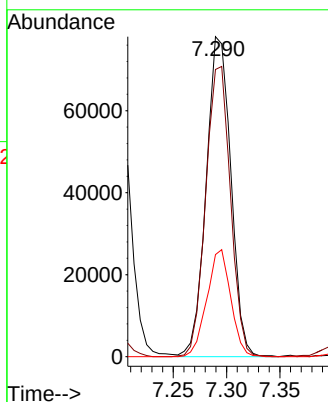
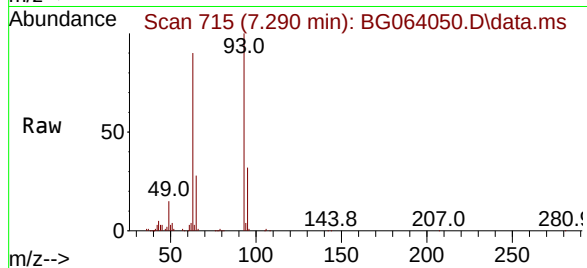
93 100

63 89.8 70.0 110.0

95 31.9 13.7 53.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

#12

1,3-Dichlorobenzene

Concen: 47.598 ng

RT: 7.760 min Scan# 795

Delta R.T. 0.001 min

Lab File: BG064050.D

Acq: 5 Mar 2025 12:23

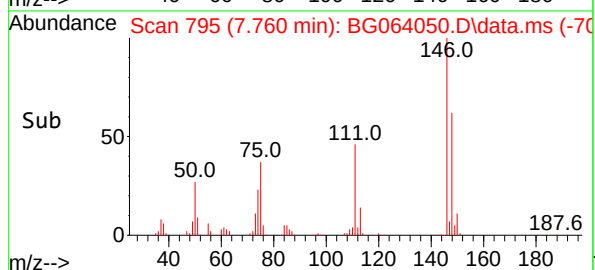
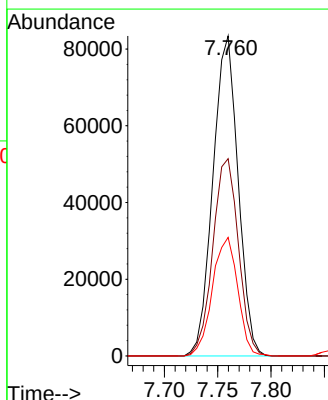
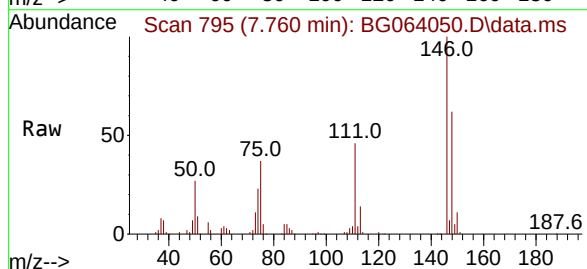
Tgt Ion:146 Resp: 136763

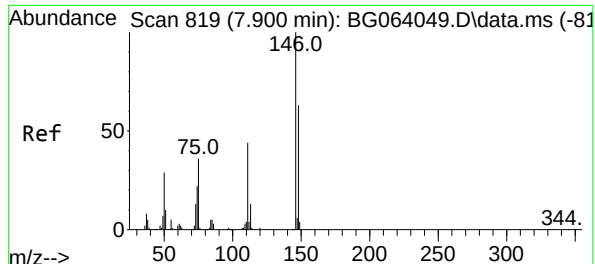
Ion Ratio Lower Upper

146 100

148 61.6 52.6 78.8

75 37.1 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 47.733 ng

RT: 7.901 min Scan# 819

Delta R.T. 0.001 min

Lab File: BG064050.D

Acq: 5 Mar 2025 12:23

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

Tgt Ion:146 Resp: 140578

Ion Ratio Lower Upper

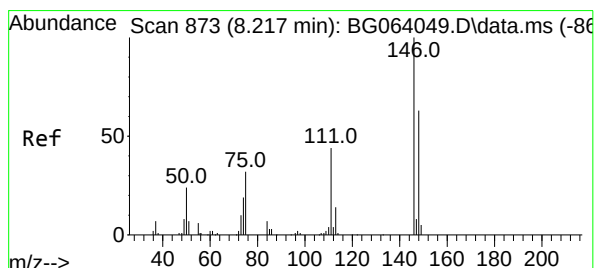
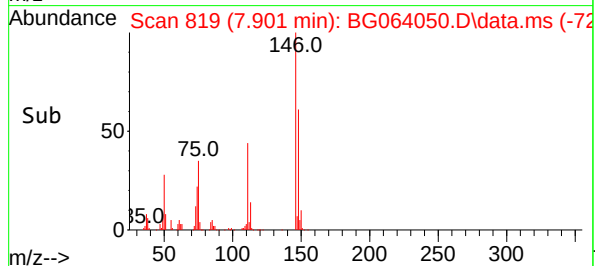
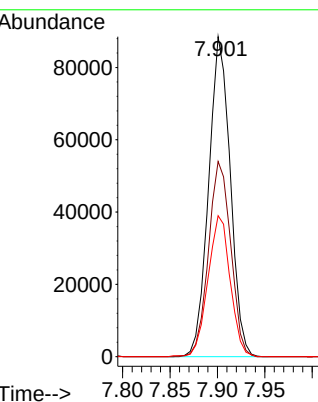
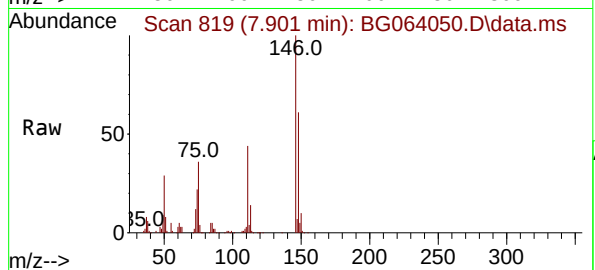
146 100

148 61.0 50.6 75.8

111 44.1 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

#14

1,2-Dichlorobenzene

Concen: 47.407 ng

RT: 8.218 min Scan# 873

Delta R.T. 0.001 min

Lab File: BG064050.D

Acq: 5 Mar 2025 12:23

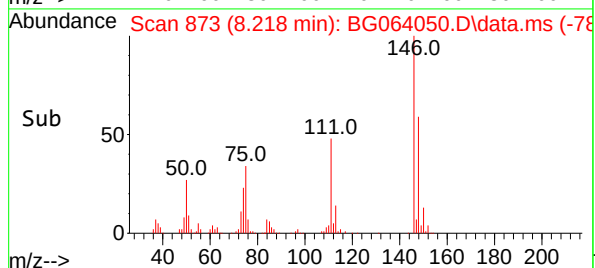
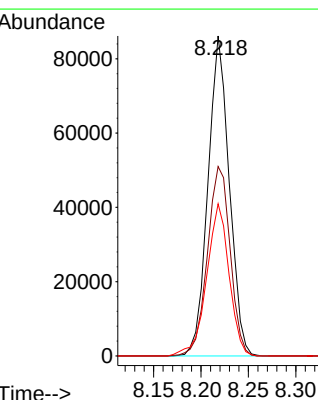
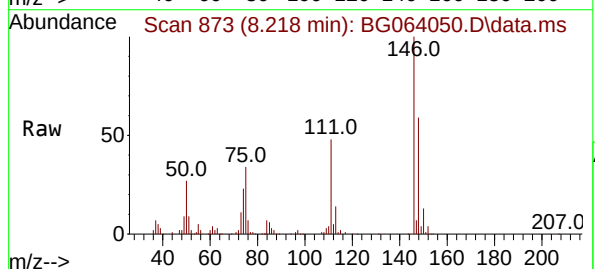
Tgt Ion:146 Resp: 134631

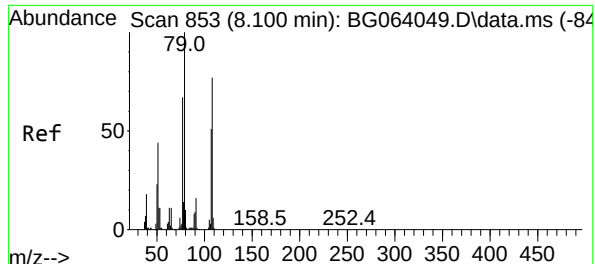
Ion Ratio Lower Upper

146 100

148 59.2 50.2 75.2

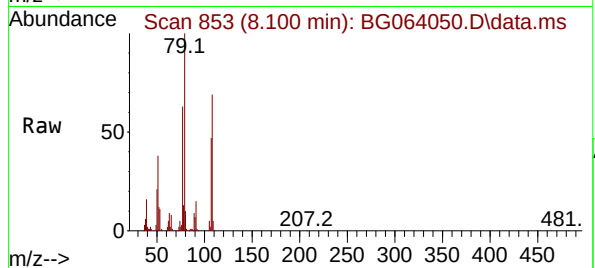
111 47.5 36.4 54.6





#15  
Benzyl Alcohol  
Concen: 50.441 ng  
RT: 8.100 min Scan# 853  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

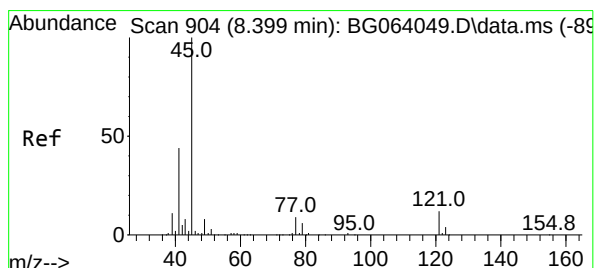
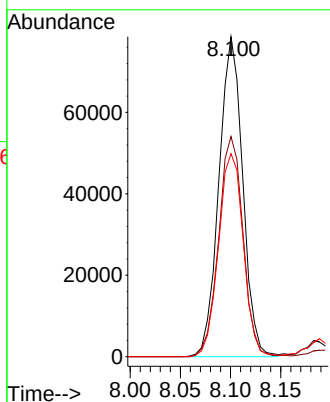
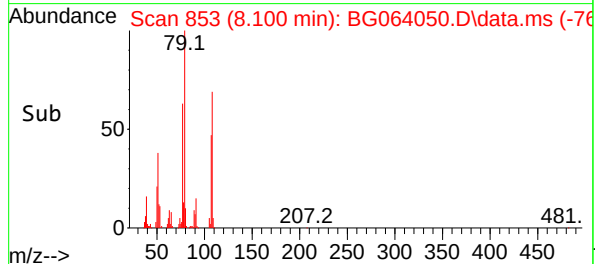
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



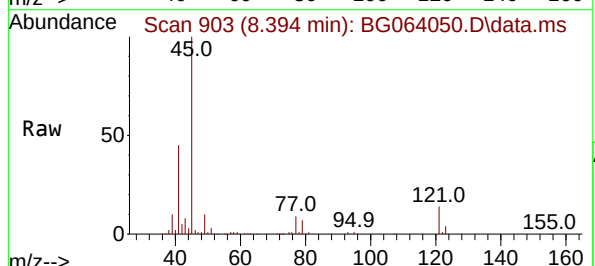
Tgt Ion: 79 Resp: 12918  
Ion Ratio Lower Upper  
79 100  
108 68.8 61.7 92.5  
77 63.5 53.9 80.9

Manual Integrations  
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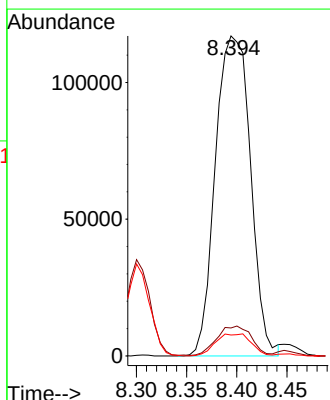
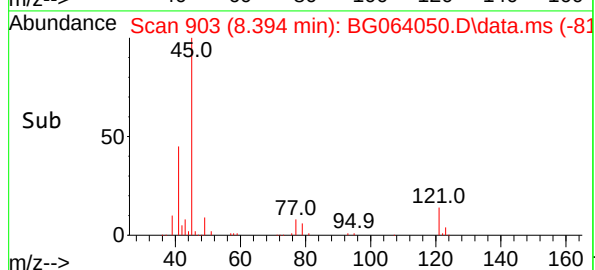
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



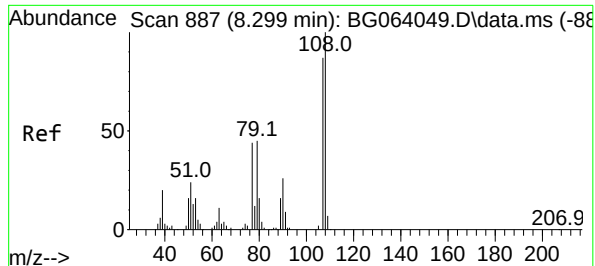
#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 47.637 ng  
RT: 8.394 min Scan# 903  
Delta R.T. -0.005 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23



Tgt Ion: 45 Resp: 284947  
Ion Ratio Lower Upper  
45 100  
77 8.8 0.0 29.0  
79 6.5 0.0 26.6







#17

2-Methylphenol

Concen: 49.469 ng

RT: 8.300 min Scan# 887

Delta R.T. 0.001 min

Lab File: BG064050.D

Acq: 5 Mar 2025 12:23

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

Tgt Ion:107 Resp: 11140

Ion Ratio Lower Upper

107 100

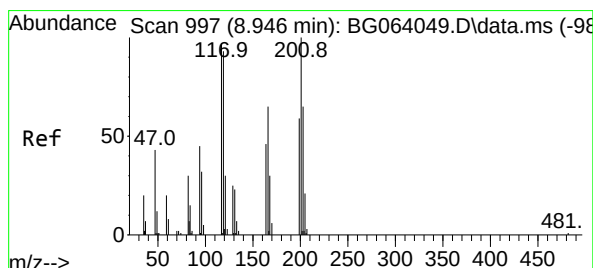
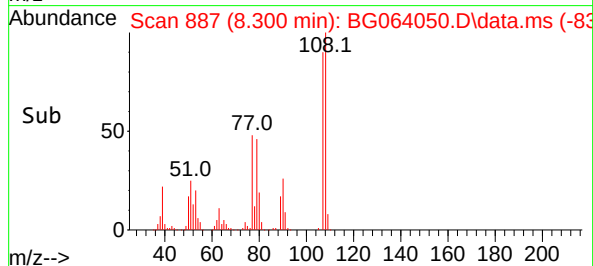
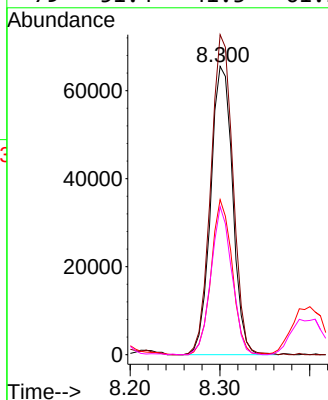
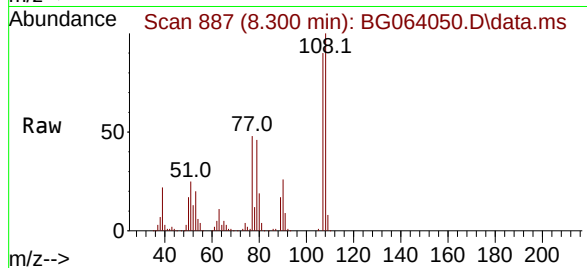
108 111.0 92.5 138.7

77 53.8 40.5 60.7

79 51.4 41.3 61.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

#18

Hexachloroethane

Concen: 48.558 ng

RT: 8.947 min Scan# 997

Delta R.T. 0.001 min

Lab File: BG064050.D

Acq: 5 Mar 2025 12:23

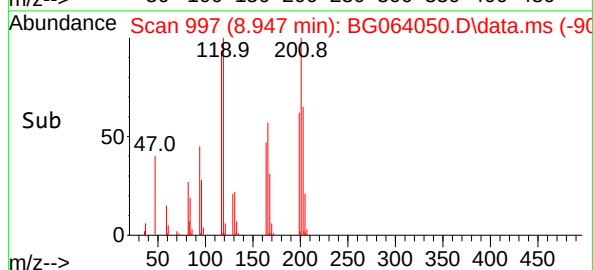
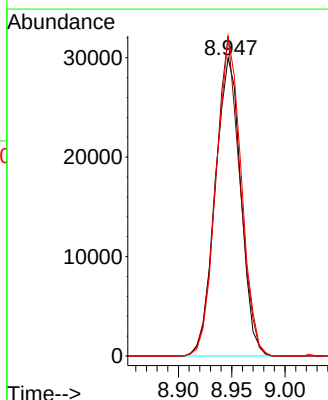
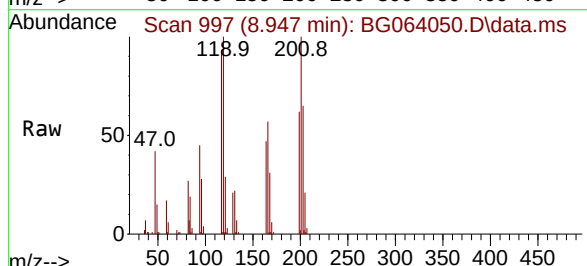
Tgt Ion:117 Resp: 50035

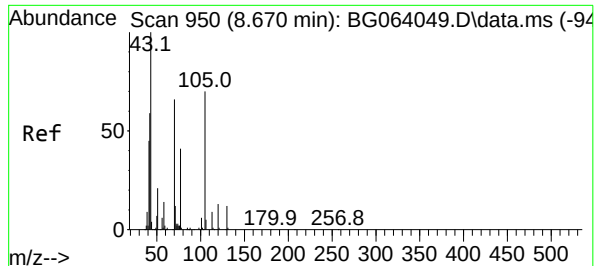
Ion Ratio Lower Upper

117 100

119 108.3 76.2 114.2

201 107.3 81.5 122.3





#19

n-Nitroso-di-n-propylamine

Concen: 48.631 ng

RT: 8.670 min Scan# 91

Delta R.T. 0.001 min

Lab File: BG064050.D

Acq: 5 Mar 2025 12:23

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 11311

Ion Ratio Lower Upper

70 100

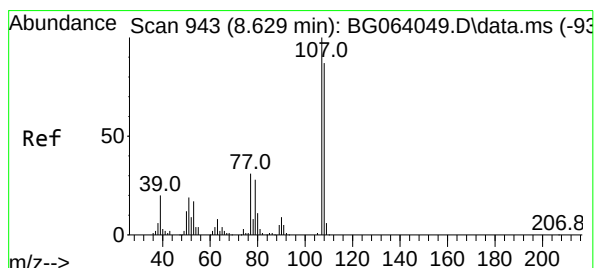
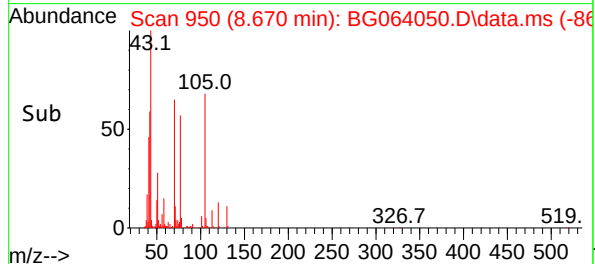
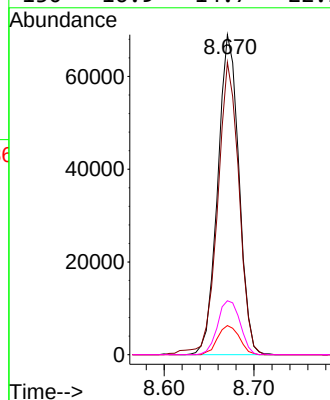
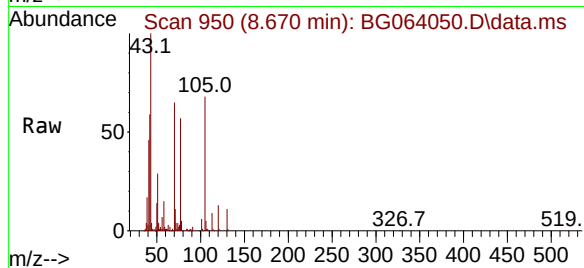
42 91.4 72.1 108.1

101 9.1 7.2 10.8

130 16.9 14.7 22.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

#20

3+4-Methylphenols

Concen: 49.461 ng

RT: 8.629 min Scan# 943

Delta R.T. 0.001 min

Lab File: BG064050.D

Acq: 5 Mar 2025 12:23

Tgt Ion:107 Resp: 153346

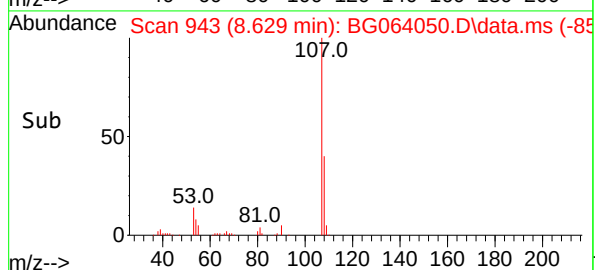
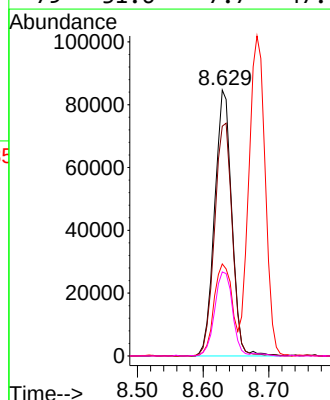
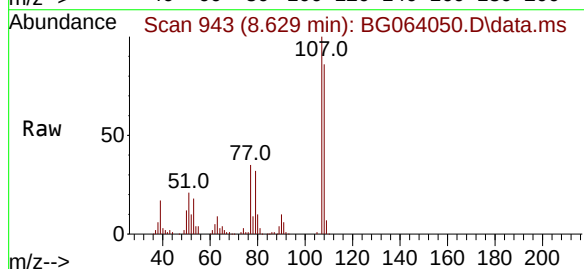
Ion Ratio Lower Upper

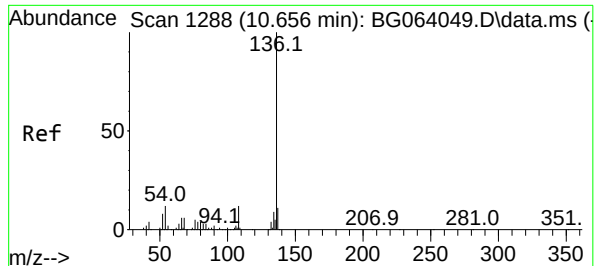
107 100

108 86.4 67.0 107.0

77 34.6 11.2 51.2

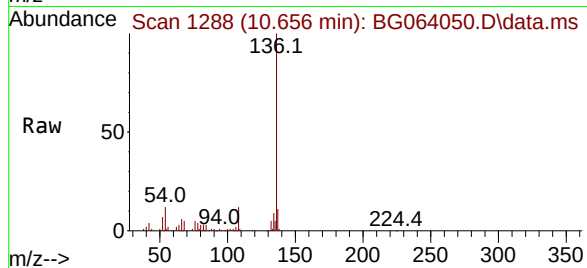
79 31.6 7.7 47.7





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.656 min Scan# 1288  
Delta R.T. 0.000 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

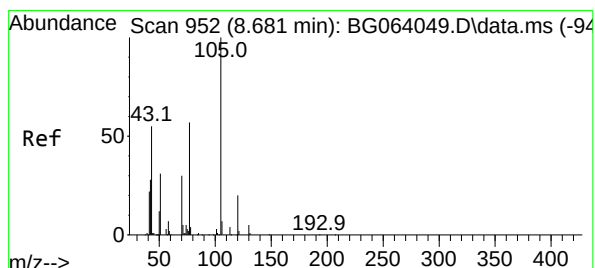
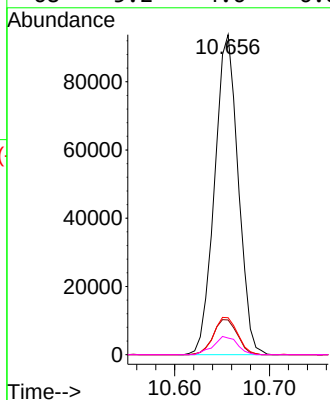
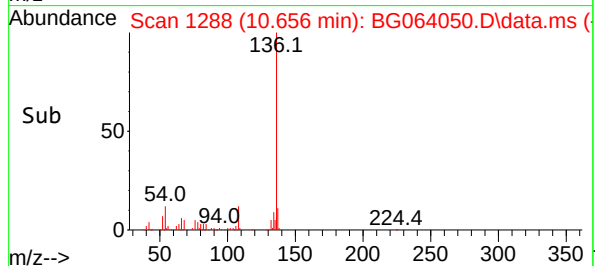
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:136 Resp: 16232  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.5 12.7  
54 12.3 9.9 14.9  
68 5.2 4.6 6.8

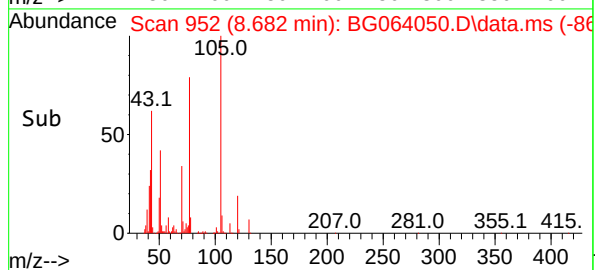
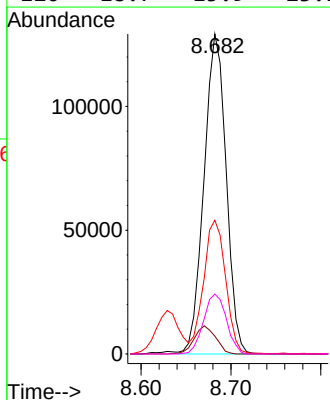
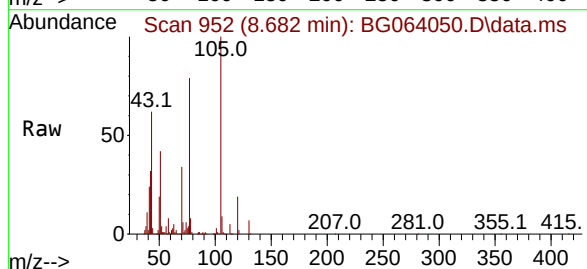
Manual Integrations  
APPROVED

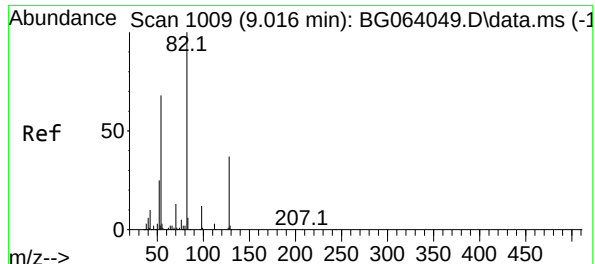
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#22  
Acetophenone  
Concen: 49.752 ng  
RT: 8.682 min Scan# 952  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

Tgt Ion:105 Resp: 221424  
Ion Ratio Lower Upper  
105 100  
71 5.5 4.2 6.4  
51 41.8 33.3 49.9  
120 18.7 15.9 23.9





#23

Nitrobenzene-d5

Concen: 107.720 ng

RT: 9.017 min Scan# 1009

Delta R.T. 0.001 min

Lab File: BG064050.D

Acq: 5 Mar 2025 12:23

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 31640

Ion Ratio Lower Upper

82 100

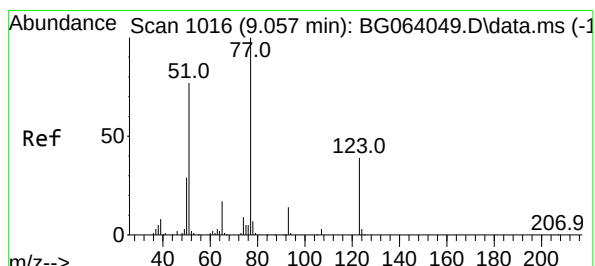
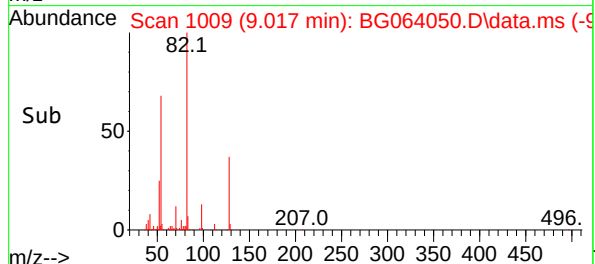
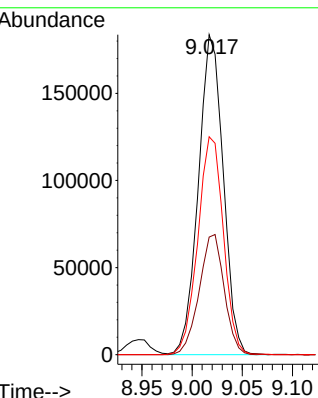
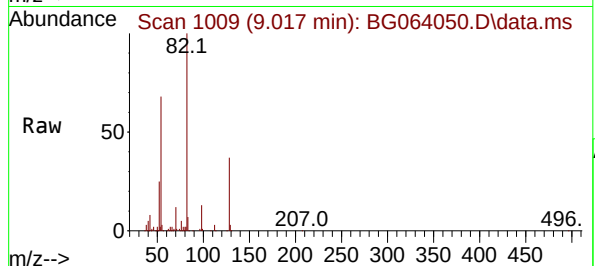
128 36.7 30.0 45.0

54 68.1 54.7 82.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
 Supervised By :mohammad ahmed 03/07/2025



#24

Nitrobenzene

Concen: 52.890 ng

RT: 9.058 min Scan# 1016

Delta R.T. 0.001 min

Lab File: BG064050.D

Acq: 5 Mar 2025 12:23

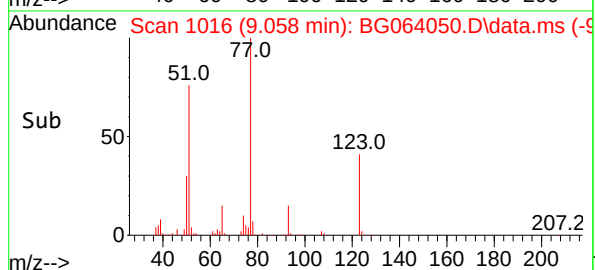
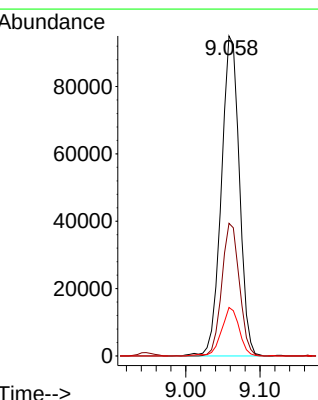
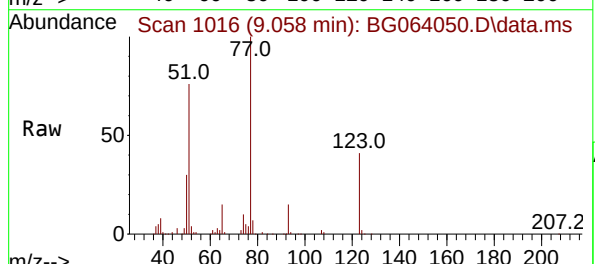
Tgt Ion: 77 Resp: 160553

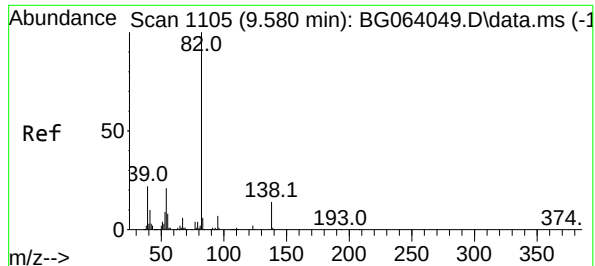
Ion Ratio Lower Upper

77 100

123 41.4 31.4 47.2

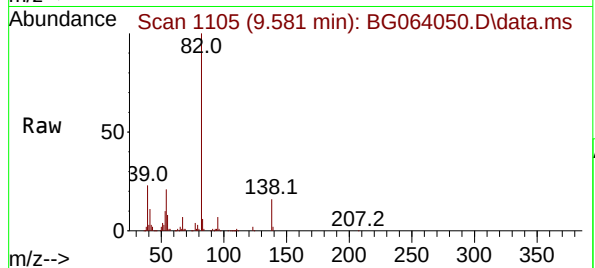
65 15.1 13.4 20.0





#25  
Isophorone  
Concen: 49.457 ng  
RT: 9.581 min Scan# 1105  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

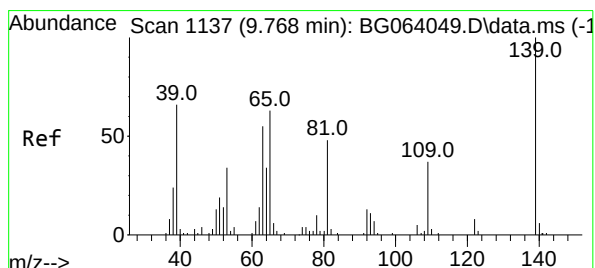
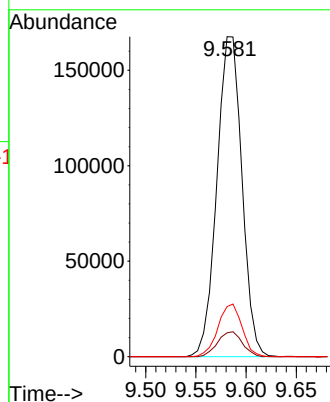
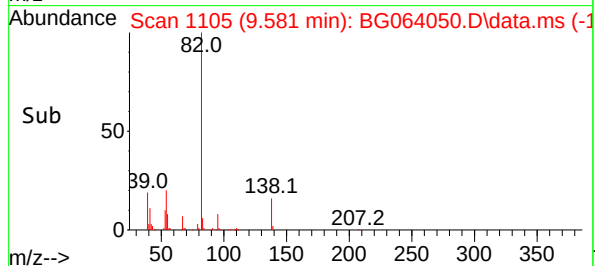
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion: 82 Resp: 290768  
Ion Ratio Lower Upper  
82 100  
95 7.4 5.8 8.8  
138 15.7 10.9 16.3

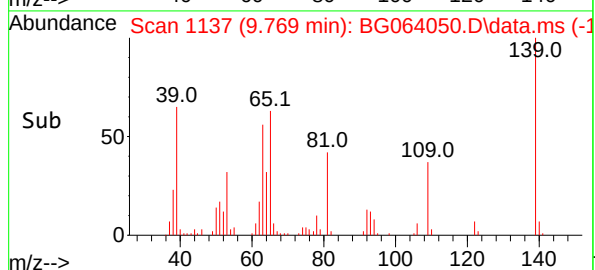
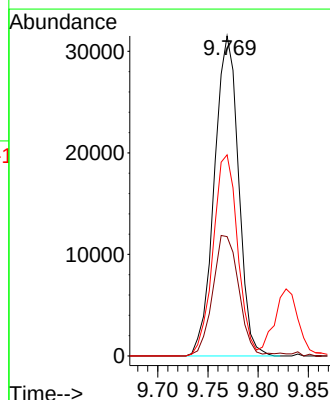
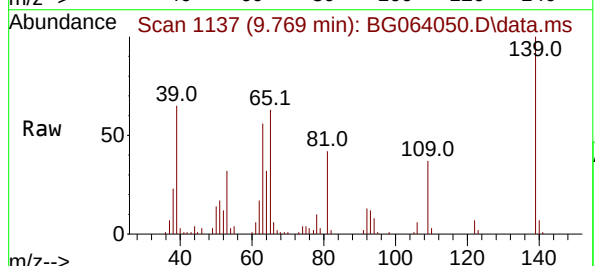
Manual Integrations  
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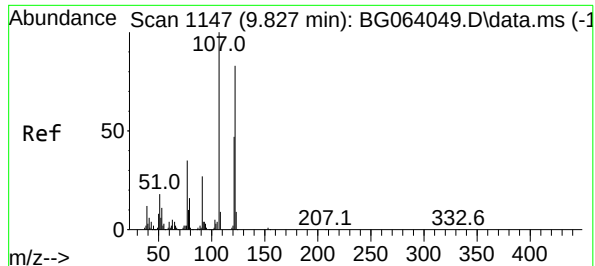
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#26  
2-Nitrophenol  
Concen: 49.791 ng  
RT: 9.769 min Scan# 1137  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

Tgt Ion:139 Resp: 52718  
Ion Ratio Lower Upper  
139 100  
109 37.3 29.9 44.9  
65 62.8 50.6 76.0





#27

2,4-Dimethylphenol

Concen: 50.976 ng

RT: 9.828 min Scan# 1147

Delta R.T. 0.001 min

Lab File: BG064050.D

Acq: 5 Mar 2025 12:23

Instrument :

BNA\_G

ClientSampleId :

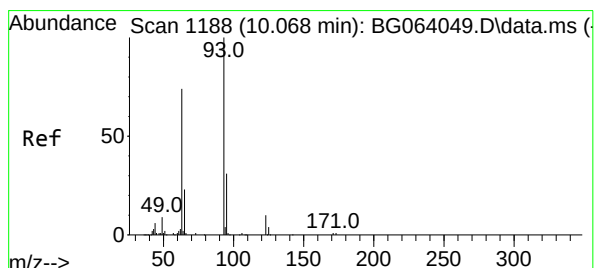
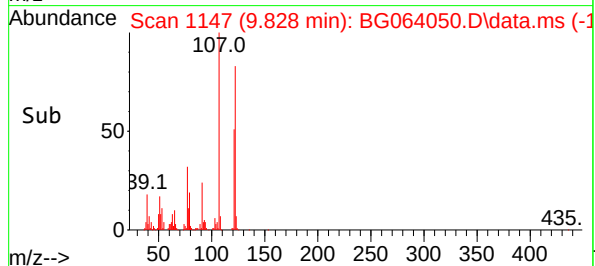
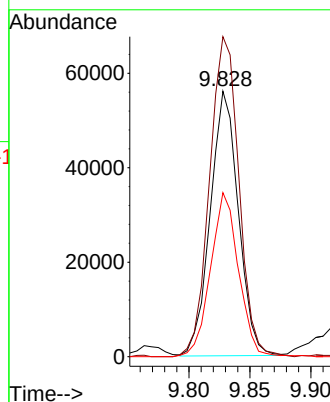
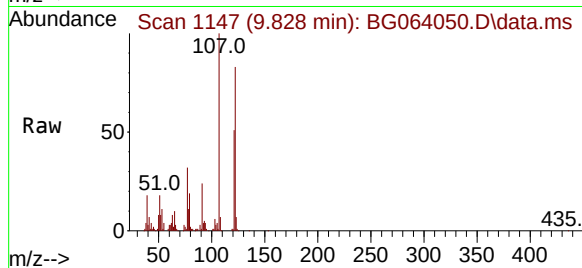
SSTDICC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 122   | Resp: | 8984  |
| Ion      | Ratio | Lower | Upper |
| 122      | 100   |       |       |
| 107      | 120.6 | 95.4  | 143.0 |
| 121      | 61.8  | 44.9  | 67.3  |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
 Supervised By :mohammad ahmed 03/07/2025



#28

bis(2-Chloroethoxy)methane

Concen: 48.604 ng

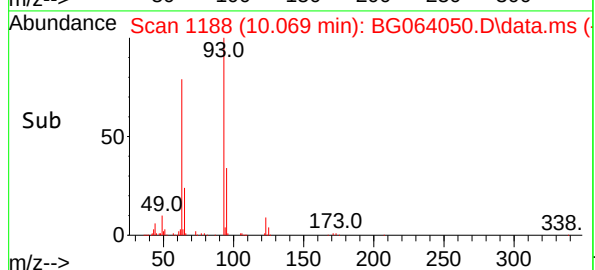
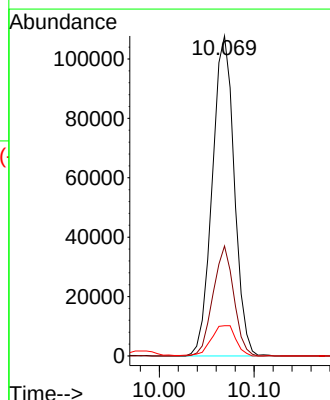
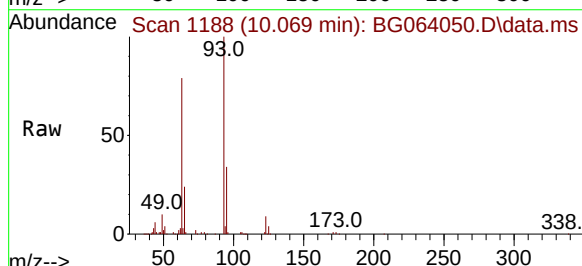
RT: 10.069 min Scan# 1188

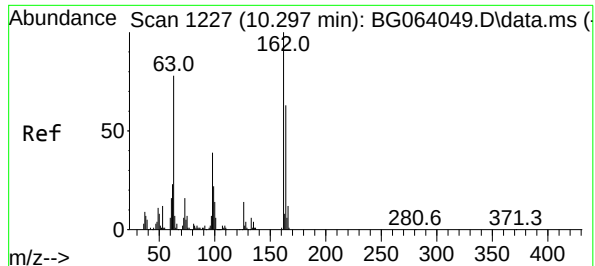
Delta R.T. 0.001 min

Lab File: BG064050.D

Acq: 5 Mar 2025 12:23

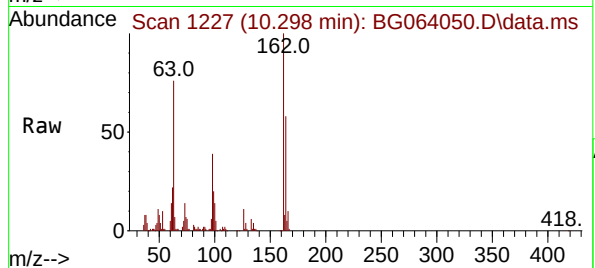
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 173244 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 95       | 34.4  | 25.0  | 37.4   |
| 123      | 9.5   | 7.6   | 11.4   |





#29  
2,4-Dichlorophenol  
Concen: 52.861 ng  
RT: 10.298 min Scan# 11764  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

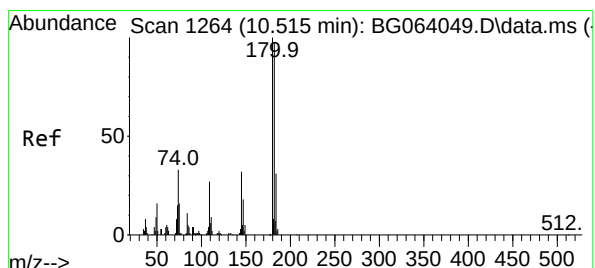
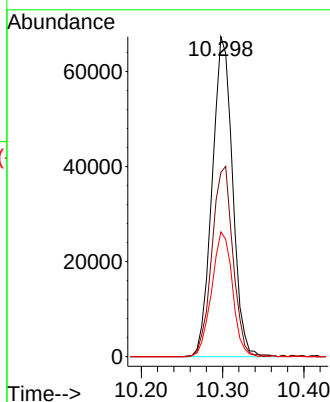
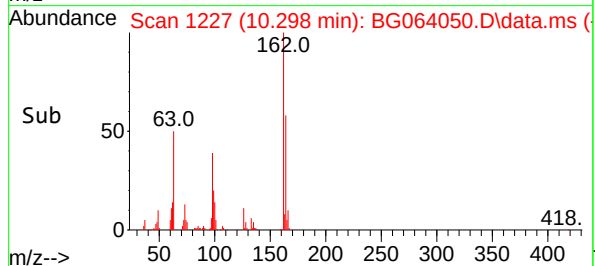
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:162 Resp: 11764  
Ion Ratio Lower Upper  
162 100  
164 57.6 42.8 82.8  
98 39.0 19.1 59.1

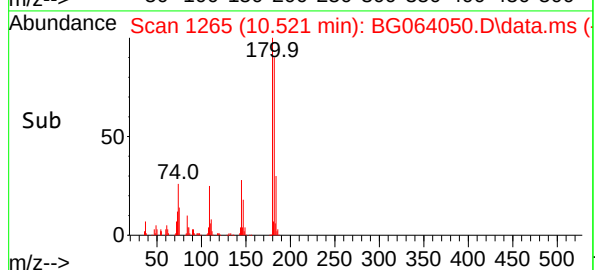
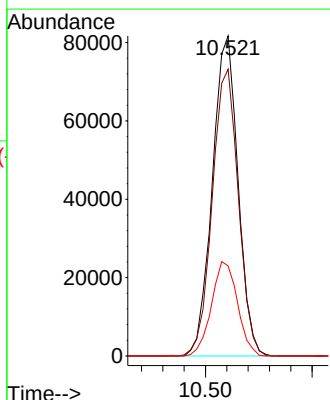
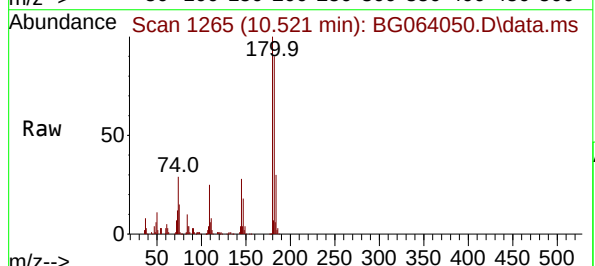
Manual Integrations  
APPROVED

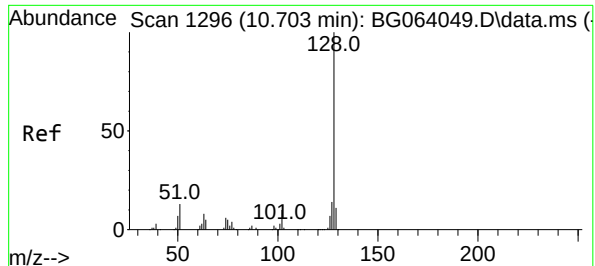
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#30  
1,2,4-Trichlorobenzene  
Concen: 50.701 ng  
RT: 10.521 min Scan# 1265  
Delta R.T. 0.007 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

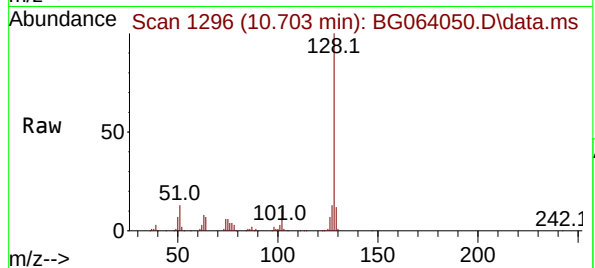
Tgt Ion:180 Resp: 136213  
Ion Ratio Lower Upper  
180 100  
182 89.6 77.3 115.9  
145 28.2 25.2 37.8





#31  
Naphthalene  
Concen: 49.204 ng  
RT: 10.703 min Scan# 1296  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

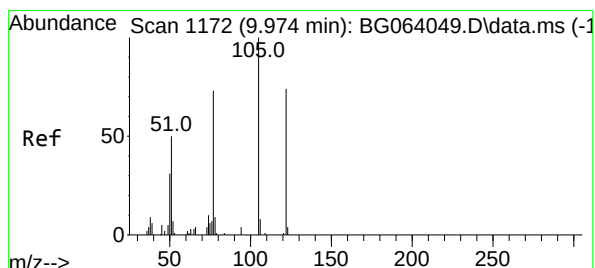
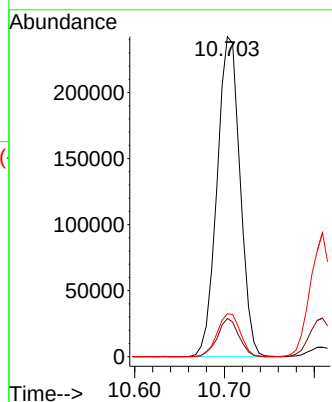
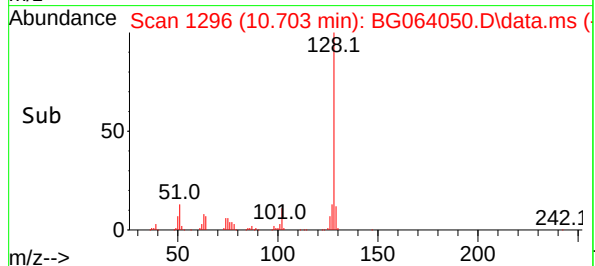
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:128 Resp: 430679  
Ion Ratio Lower Upper  
128 100  
129 11.9 8.4 12.6  
127 13.4 11.1 16.7

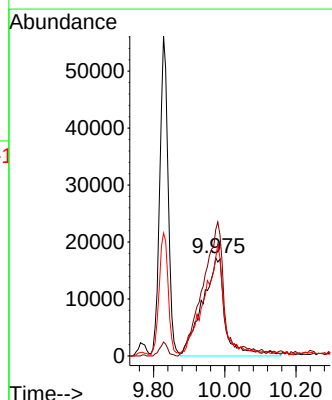
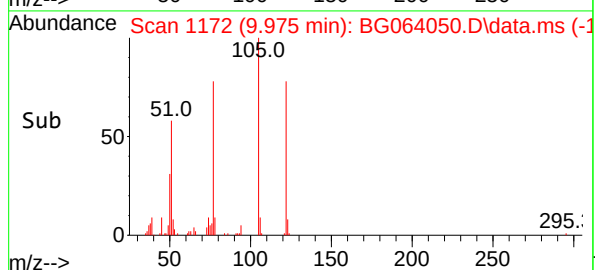
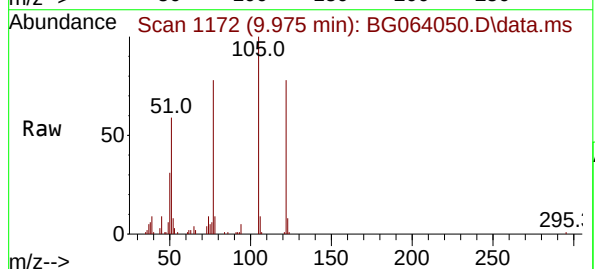
Manual Integrations  
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Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

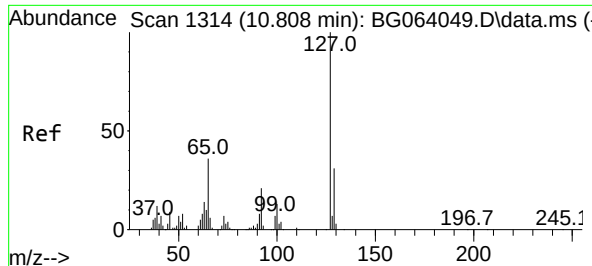


#32  
Benzoic acid  
Concen: 47.851 ng m  
RT: 9.975 min Scan# 1172  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

Tgt Ion:122 Resp: 77326  
Ion Ratio Lower Upper  
122 100  
105 128.9 115.0 155.0  
77 100.0 80.9 120.9

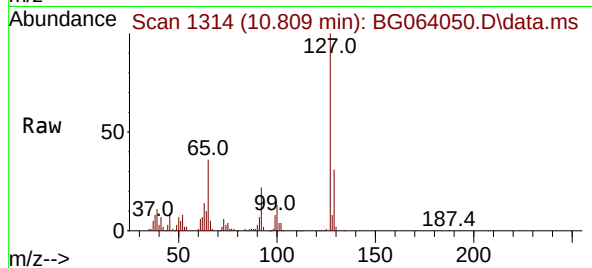






#33  
4-Chloroaniline  
Concen: 49.975 ng  
RT: 10.809 min Scan# 1314  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

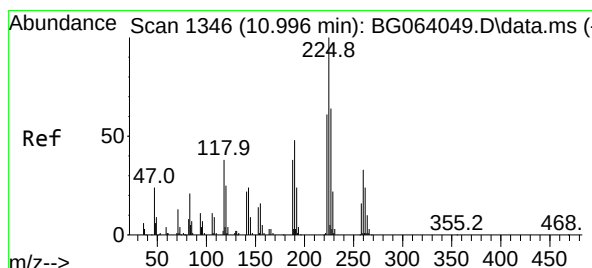
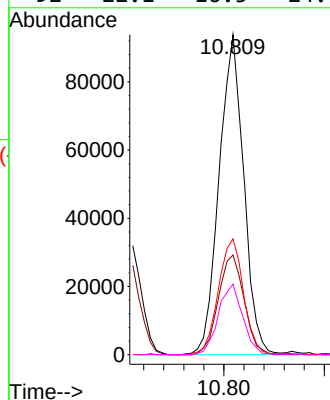
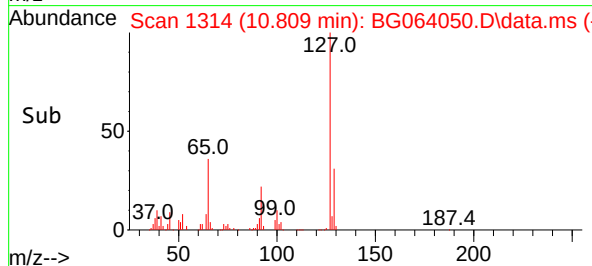
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:127 Resp: 159874  
Ion Ratio Lower Upper  
127 100  
129 31.1 25.0 37.4  
65 36.2 28.5 42.7  
92 22.1 16.5 24.7

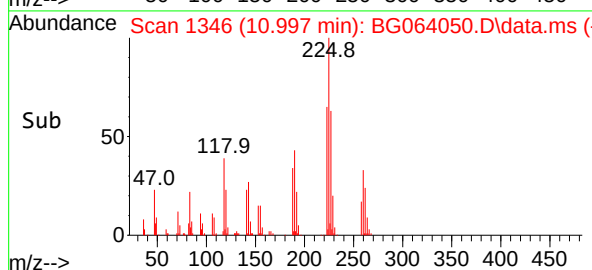
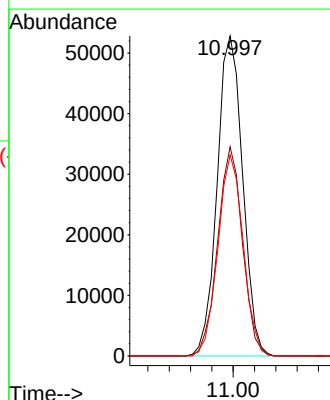
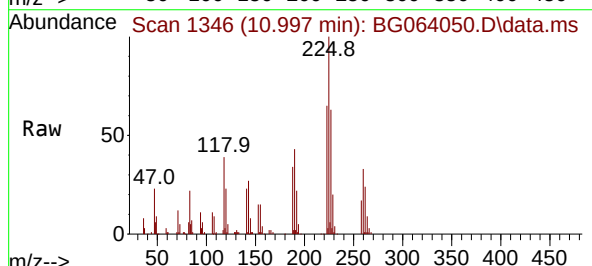
Manual Integrations  
APPROVED

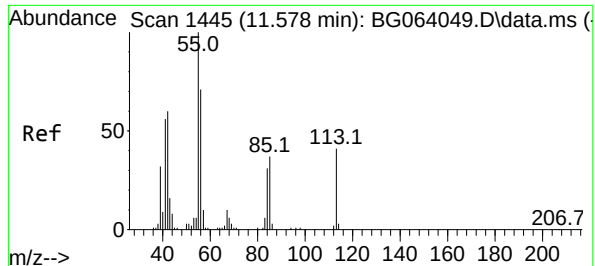
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#34  
Hexachlorobutadiene  
Concen: 49.759 ng  
RT: 10.997 min Scan# 1346  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

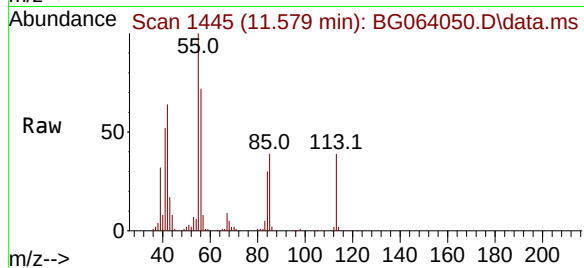
Tgt Ion:225 Resp: 87623  
Ion Ratio Lower Upper  
225 100  
223 65.4 48.5 72.7  
227 62.8 51.0 76.6





#35  
Caprolactam  
Concen: 53.678 ng  
RT: 11.579 min Scan# 1445  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

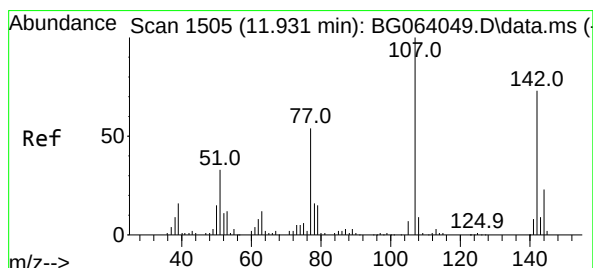
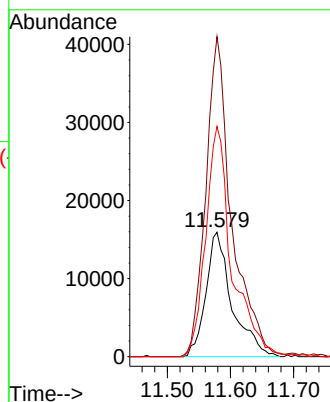
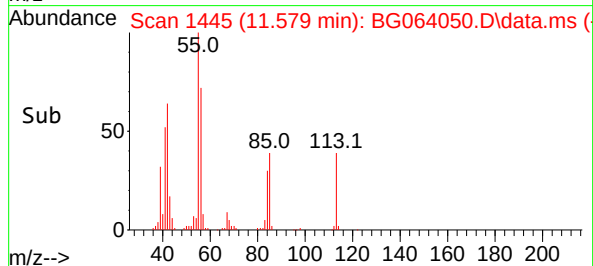
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



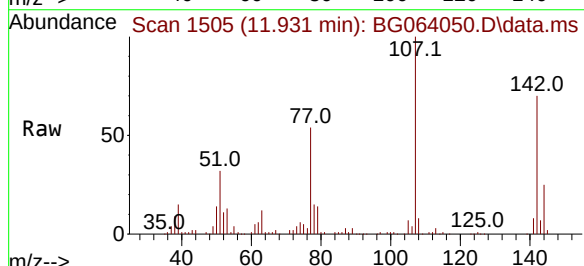
Tgt Ion:113 Resp: 45779  
Ion Ratio Lower Upper  
113 100  
55 257.1 225.2 265.2  
56 185.0 153.4 193.4

Manual Integrations  
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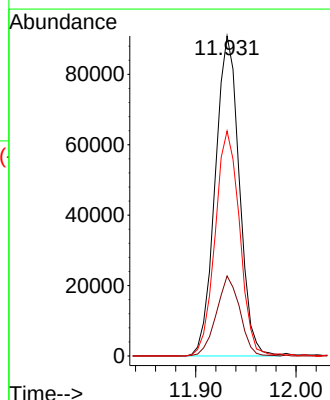
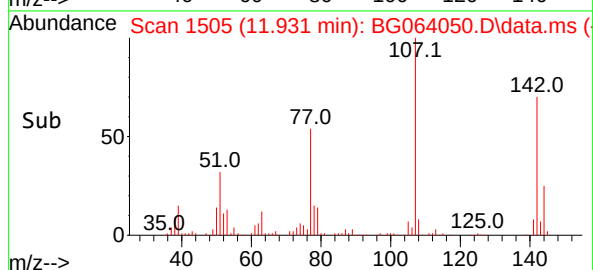
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

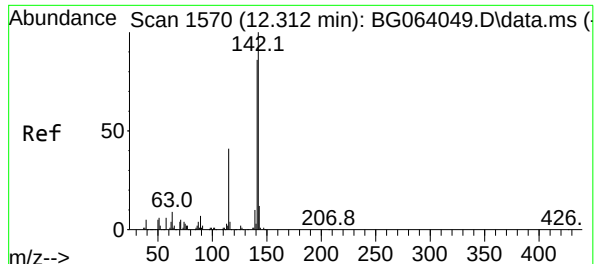


#36  
4-Chloro-3-methylphenol  
Concen: 51.905 ng  
RT: 11.931 min Scan# 1505  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23



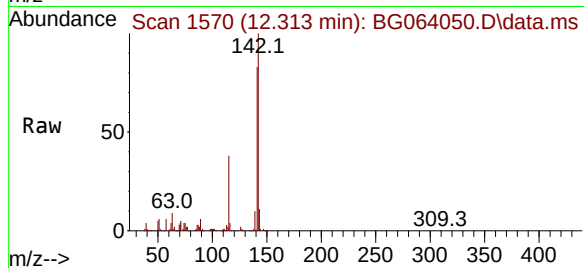
Tgt Ion:107 Resp: 151419  
Ion Ratio Lower Upper  
107 100  
144 25.0 18.6 28.0  
142 70.3 58.0 87.0





#37  
2-Methylnaphthalene  
Concen: 48.994 ng  
RT: 12.313 min Scan# 1570  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

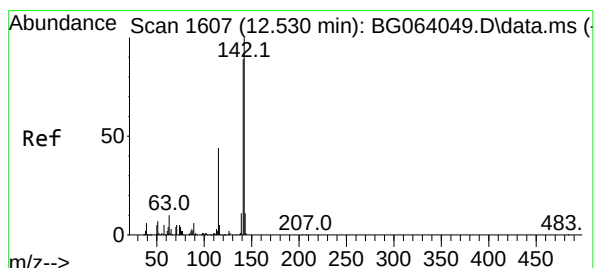
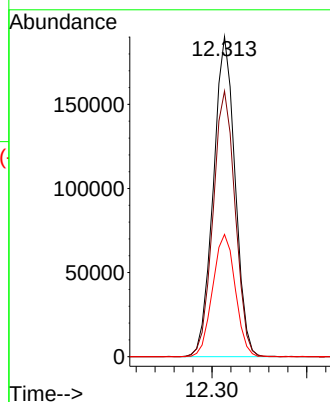
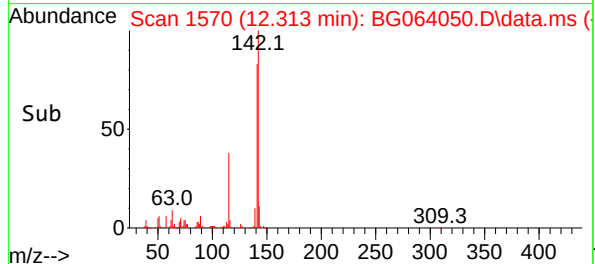
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:142 Resp: 302745  
Ion Ratio Lower Upper  
142 100  
141 83.0 68.6 103.0  
115 38.2 32.8 49.2

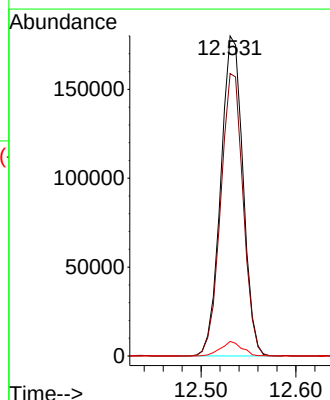
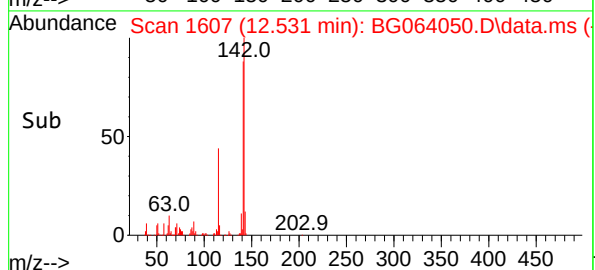
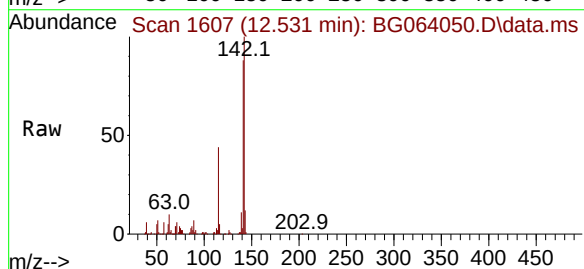
Manual Integrations  
APPROVED

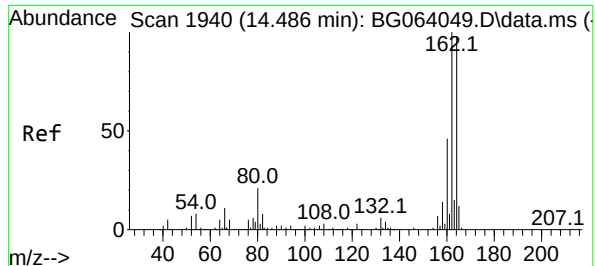
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#38  
1-Methylnaphthalene  
Concen: 48.517 ng  
RT: 12.531 min Scan# 1607  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

Tgt Ion:142 Resp: 293710  
Ion Ratio Lower Upper  
142 100  
141 88.3 71.2 106.8  
116 4.6 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.487 min Scan# 1940

Delta R.T. 0.001 min

Lab File: BG064050.D

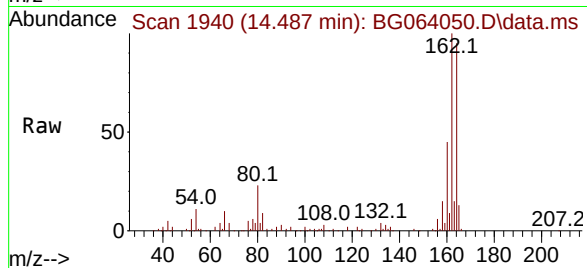
Acq: 5 Mar 2025 12:23

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050



Tgt Ion:164 Resp: 11052

Ion Ratio Lower Upper

164 100

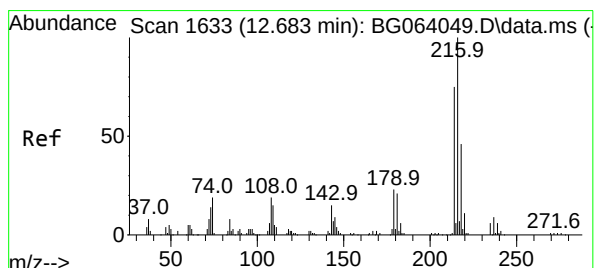
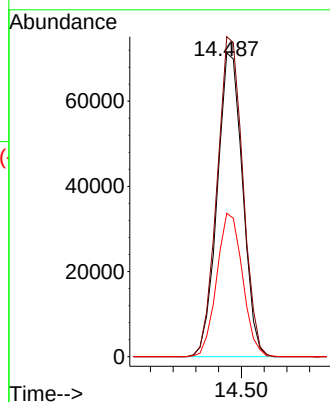
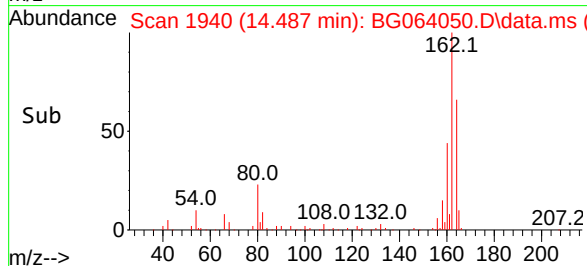
162 105.3 81.4 122.0

160 47.2 37.0 55.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/06/2025  
 Supervised By :mohammad ahmed 03/07/2025



#40

1,2,4,5-Tetrachlorobenzene

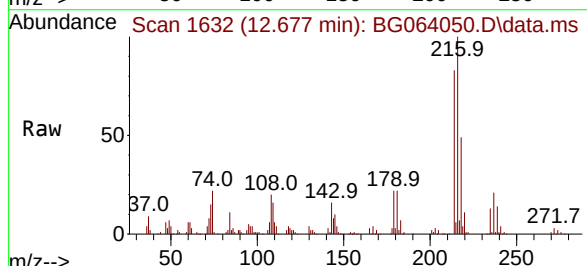
Concen: 49.068 ng

RT: 12.677 min Scan# 1632

Delta R.T. -0.005 min

Lab File: BG064050.D

Acq: 5 Mar 2025 12:23



Tgt Ion:216 Resp: 154824

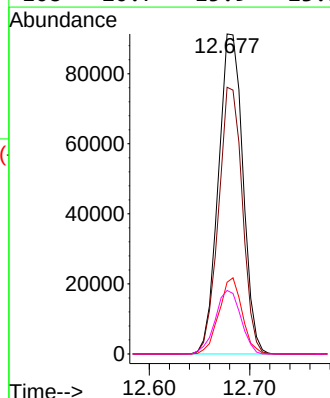
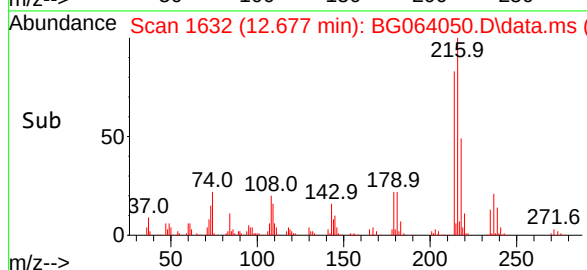
Ion Ratio Lower Upper

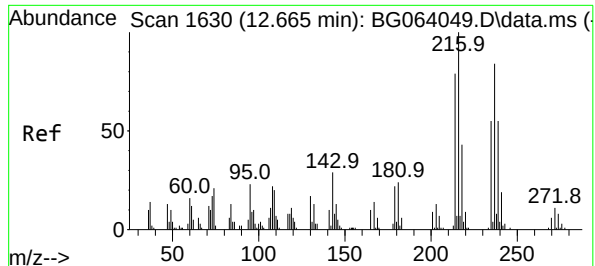
216 100

214 80.9 61.7 92.5

179 22.4 17.9 26.9

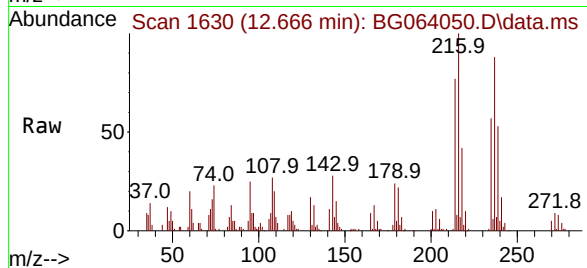
108 20.7 15.9 23.9





#41  
Hexachlorocyclopentadiene  
Concen: 54.295 ng  
RT: 12.666 min Scan# 1630  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

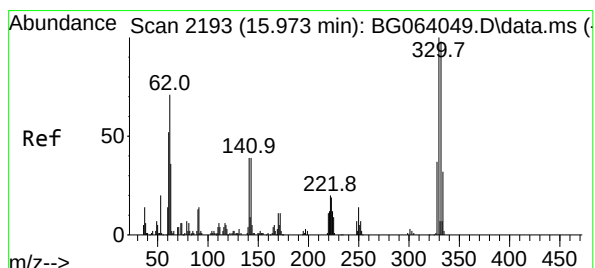
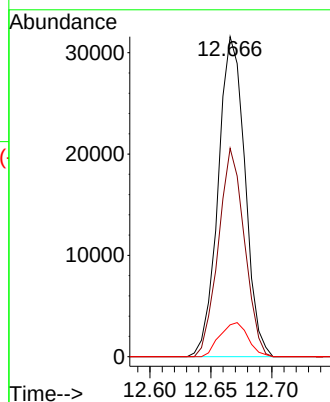
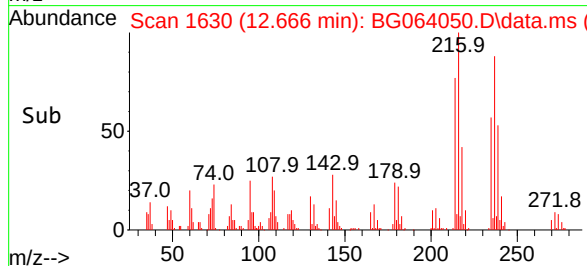
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:237 Resp: 48218  
Ion Ratio Lower Upper  
237 100  
235 65.1 46.0 86.0  
272 9.9 0.0 32.8

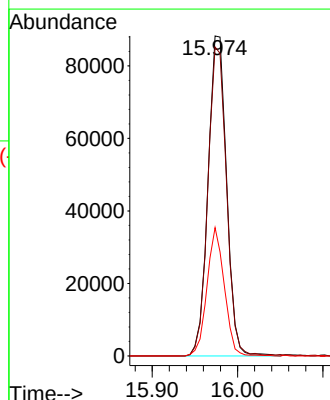
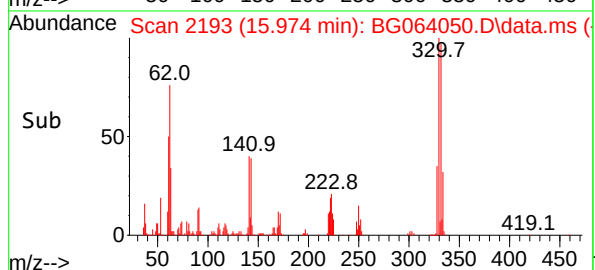
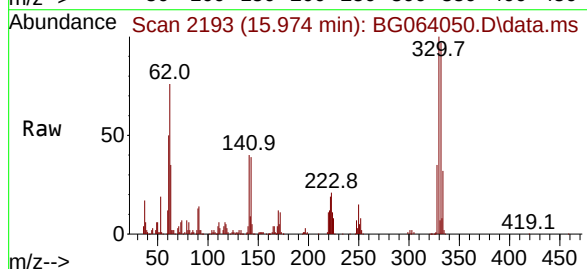
Manual Integrations  
APPROVED

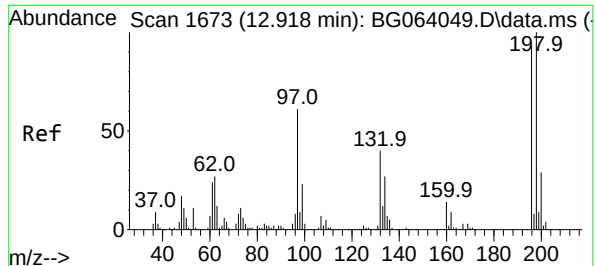
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#42  
2,4,6-Tribromophenol  
Concen: 108.574 ng  
RT: 15.974 min Scan# 2193  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

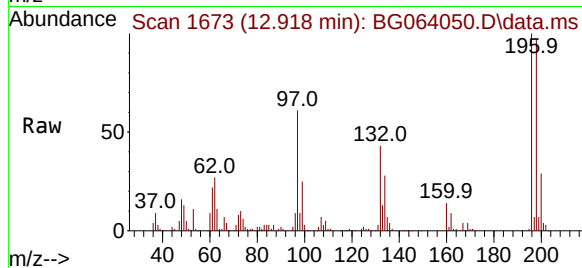
Tgt Ion:330 Resp: 133386  
Ion Ratio Lower Upper  
330 100  
332 96.6 76.7 115.1  
141 37.4 29.7 44.5





#43  
2,4,6-Trichlorophenol  
Concen: 53.786 ng  
RT: 12.918 min Scan# 1673  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

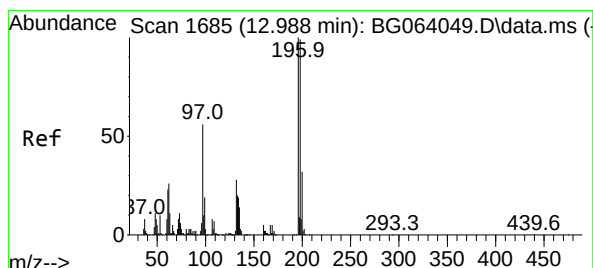
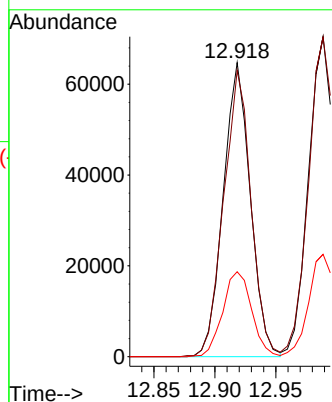
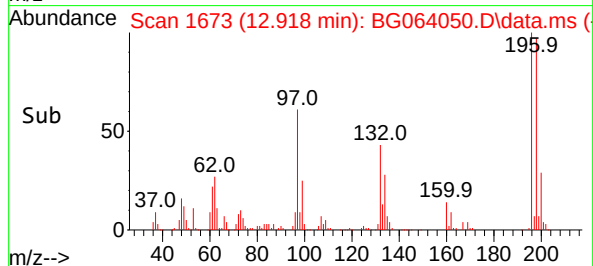
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:196 Resp: 100024  
Ion Ratio Lower Upper  
196 100  
198 97.3 85.6 128.4  
200 28.9 24.6 37.0

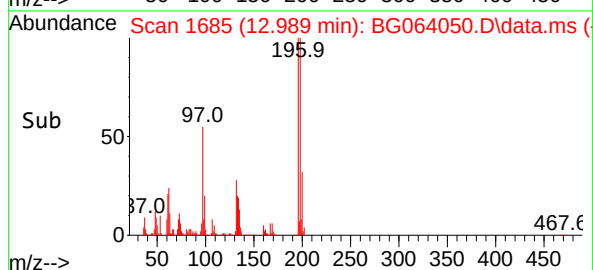
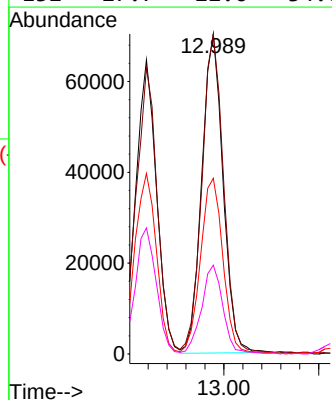
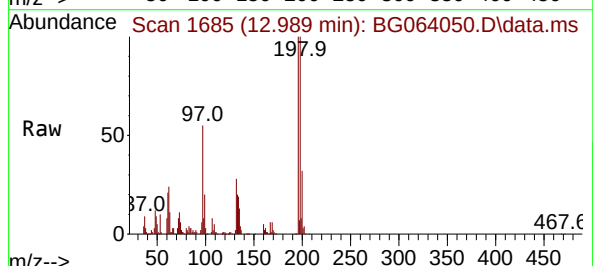
Manual Integrations  
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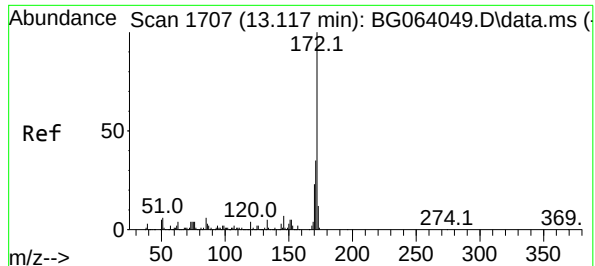
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#44  
2,4,5-Trichlorophenol  
Concen: 52.900 ng  
RT: 12.989 min Scan# 1685  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

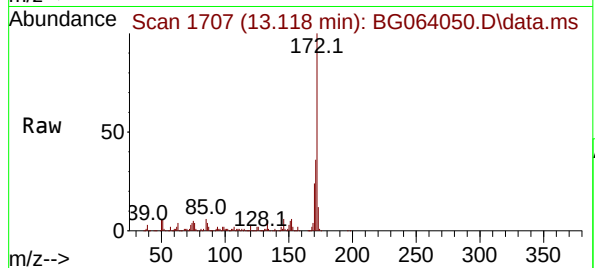
Tgt Ion:196 Resp: 109309  
Ion Ratio Lower Upper  
196 100  
198 99.9 79.5 119.3  
97 54.9 45.2 67.8  
132 27.7 22.6 34.0





#45  
2-Fluorobiphenyl  
Concen: 97.354 ng  
RT: 13.118 min Scan# 1707  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

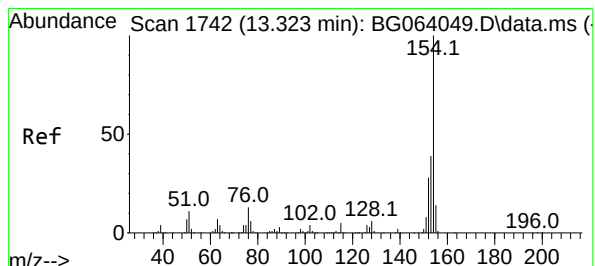
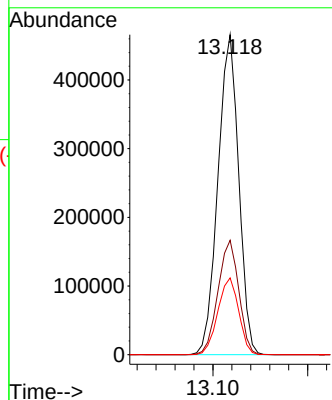
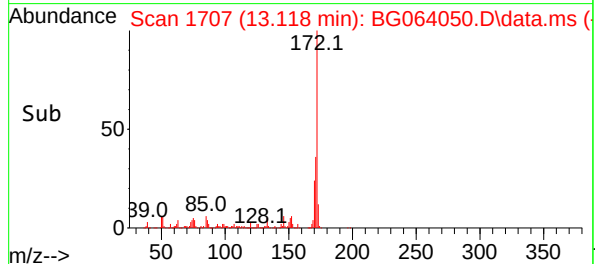
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:172 Resp: 70886  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.0 42.0  
170 24.0 18.7 28.1

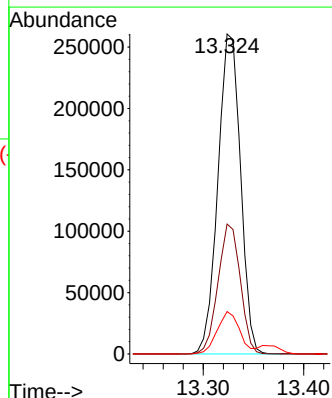
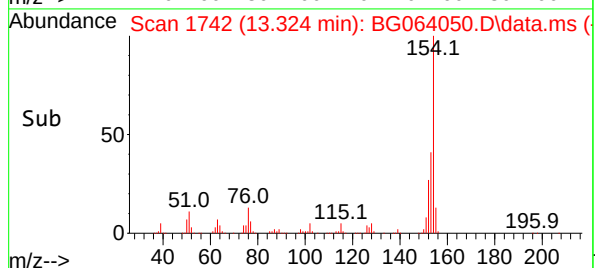
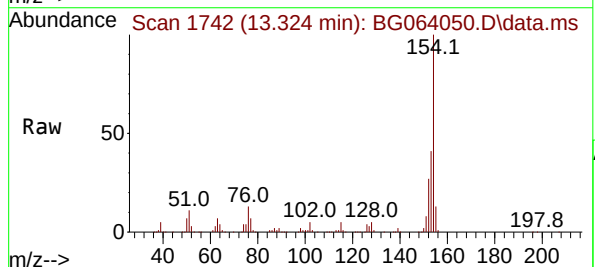
Manual Integrations  
APPROVED

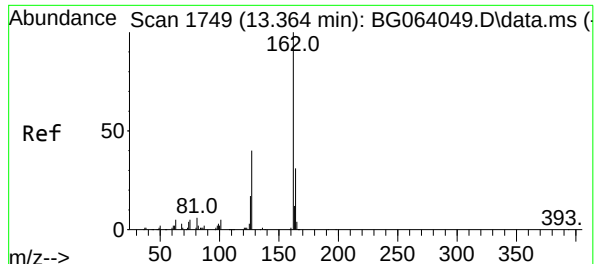
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#46  
1,1'-Biphenyl  
Concen: 48.802 ng  
RT: 13.324 min Scan# 1742  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

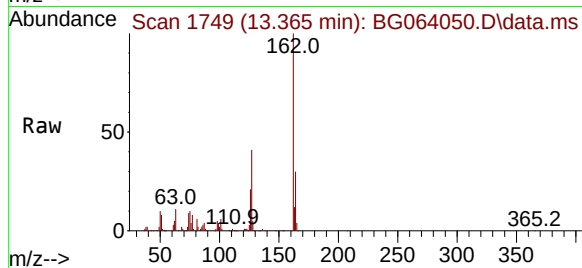
Tgt Ion:154 Resp: 407499  
Ion Ratio Lower Upper  
154 100  
153 40.6 19.5 59.5  
76 13.2 0.0 33.5





#47  
2-Chloronaphthalene  
Concen: 49.991 ng  
RT: 13.365 min Scan# 1749  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

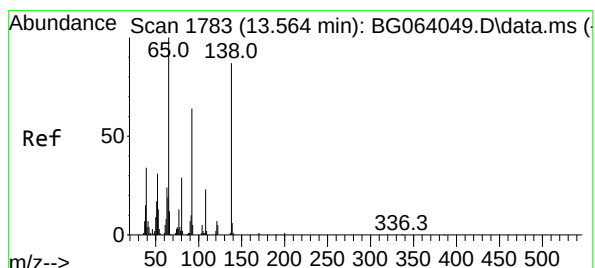
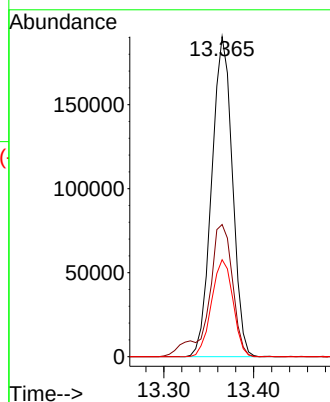
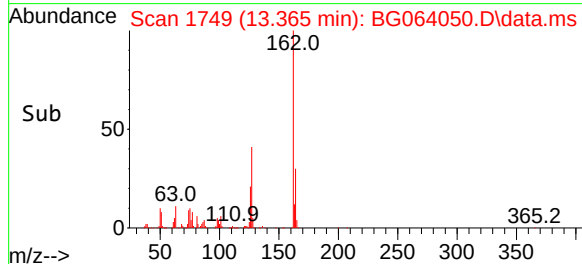
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:162 Resp: 30444  
Ion Ratio Lower Upper  
162 100  
127 41.3 35.0 52.4  
164 30.3 25.0 37.6

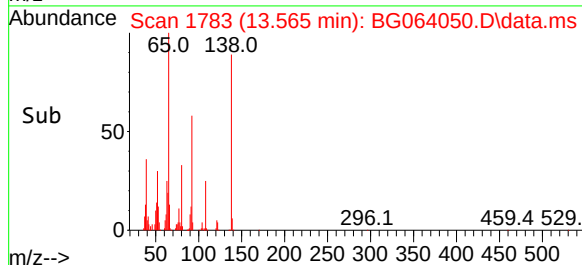
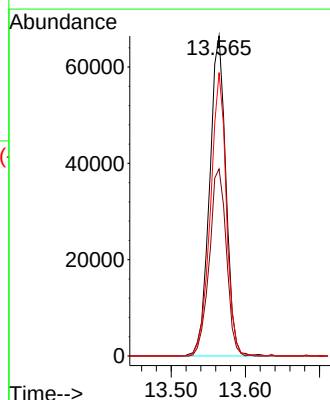
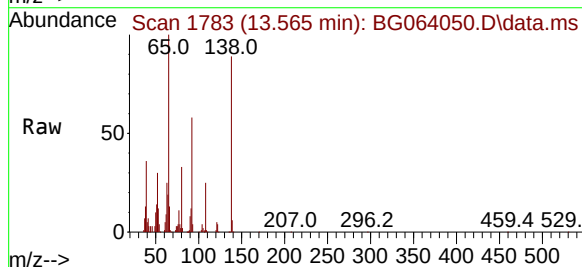
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

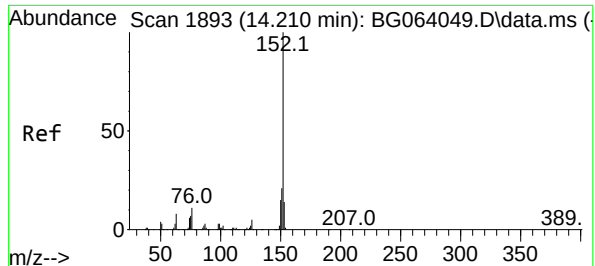


#48  
2-Nitroaniline  
Concen: 49.852 ng  
RT: 13.565 min Scan# 1783  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

Tgt Ion: 65 Resp: 101610  
Ion Ratio Lower Upper  
65 100  
92 58.4 51.2 76.8  
138 88.5 69.4 104.2

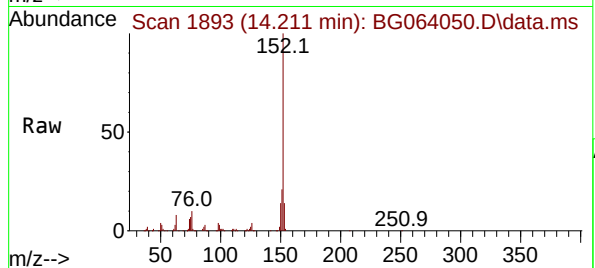






#49  
Acenaphthylene  
Concen: 49.779 ng  
RT: 14.211 min Scan# 1893  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

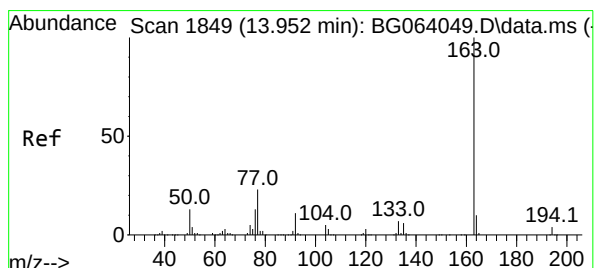
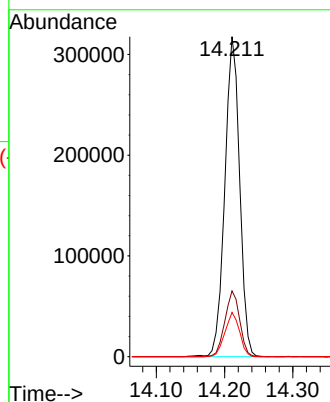
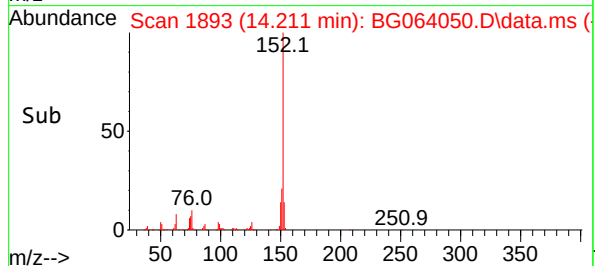
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:152 Resp: 479498  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.4 24.6  
153 13.8 10.9 16.3

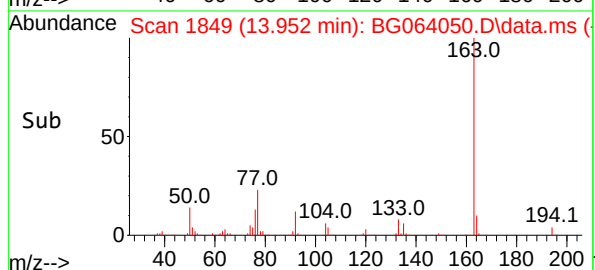
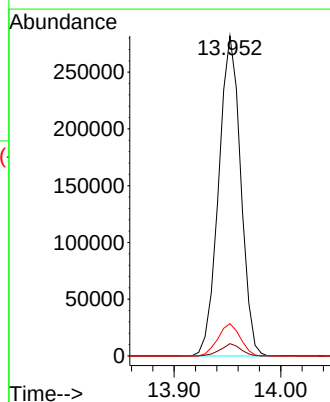
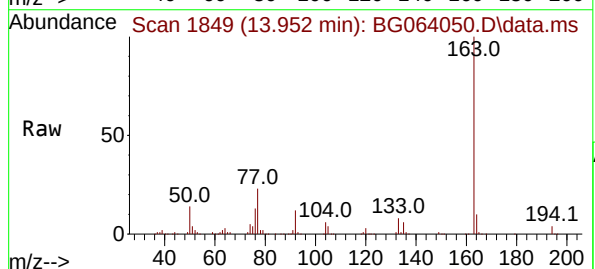
Manual Integrations  
APPROVED

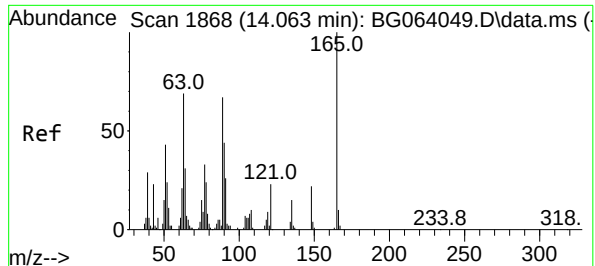
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#50  
Dimethylphthalate  
Concen: 49.555 ng  
RT: 13.952 min Scan# 1849  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

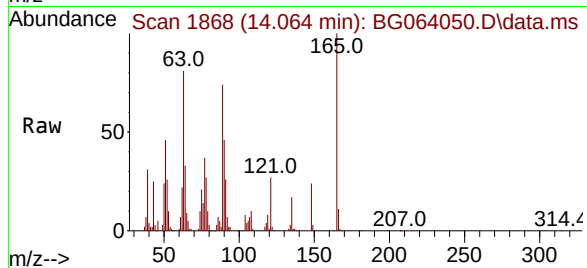
Tgt Ion:163 Resp: 404288  
Ion Ratio Lower Upper  
163 100  
194 3.8 2.8 4.2  
164 10.1 8.2 12.2





#51  
2,6-Dinitrotoluene  
Concen: 49.957 ng  
RT: 14.064 min Scan# 1868  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

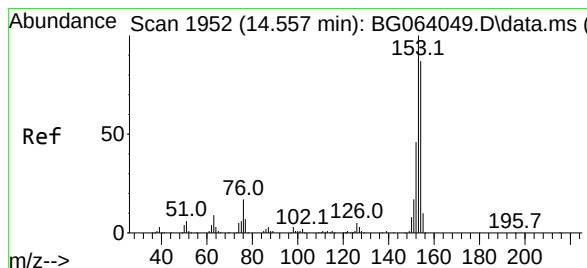
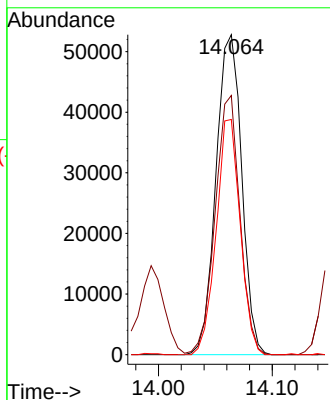
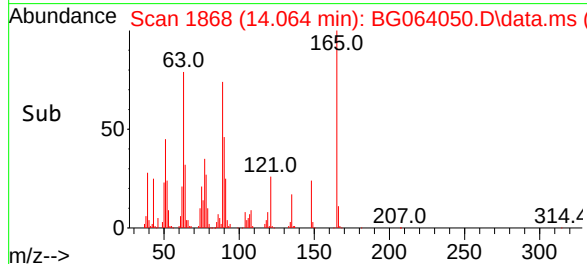
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



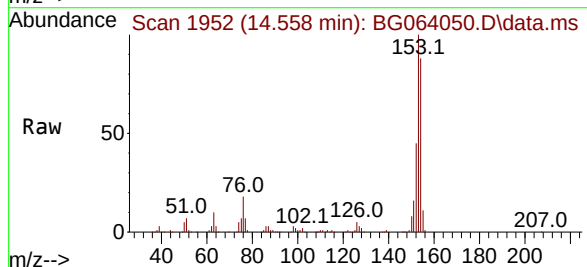
Tgt Ion:165 Resp: 82929  
Ion Ratio Lower Upper  
165 100  
63 81.0 56.7 85.1  
89 73.5 53.7 80.5

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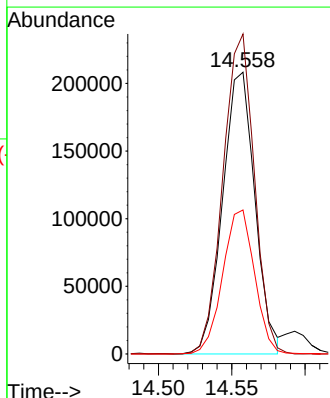
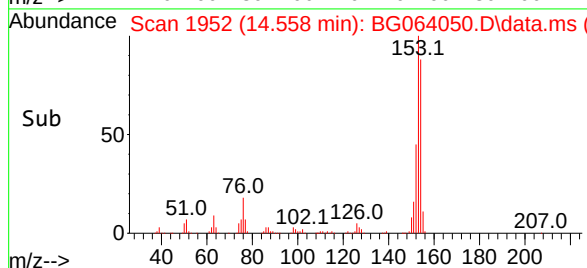
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

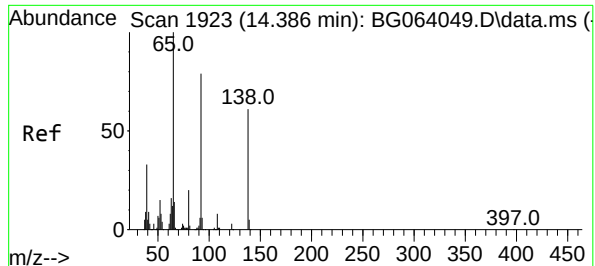


#52  
Acenaphthene  
Concen: 49.442 ng m  
RT: 14.558 min Scan# 1952  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23



Tgt Ion:154 Resp: 320276  
Ion Ratio Lower Upper  
154 100  
153 113.5 91.6 137.4  
152 51.1 42.5 63.7





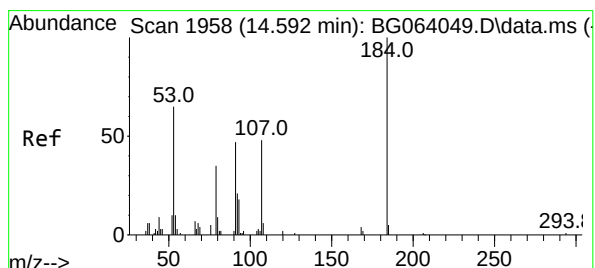
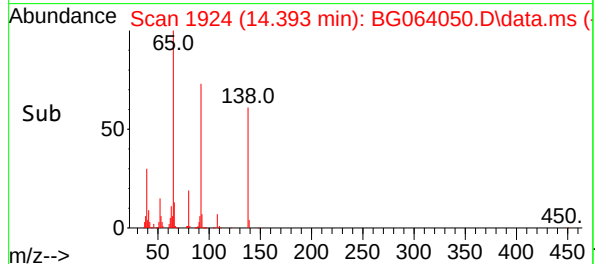
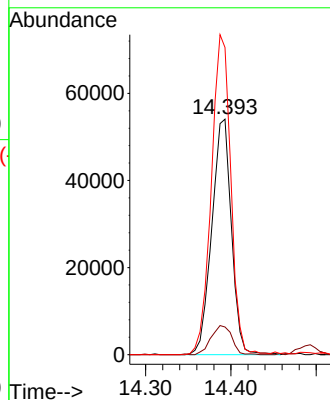
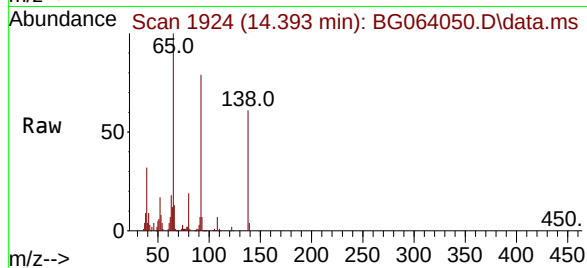
#53  
3-Nitroaniline  
Concen: 54.830 ng  
RT: 14.393 min Scan# 1923  
Delta R.T. 0.007 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050

Tgt Ion:138 Resp: 86450  
Ion Ratio Lower Upper  
138 100  
108 11.7 10.1 15.1  
92 130.4 104.1 156.1

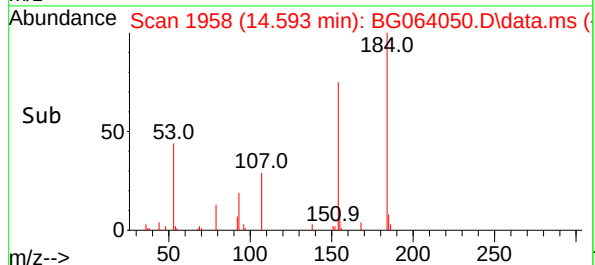
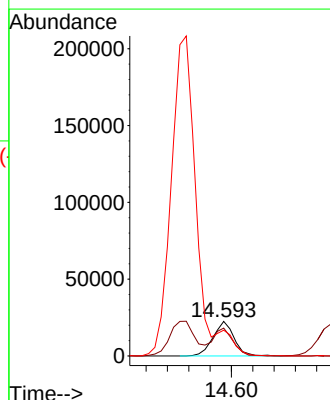
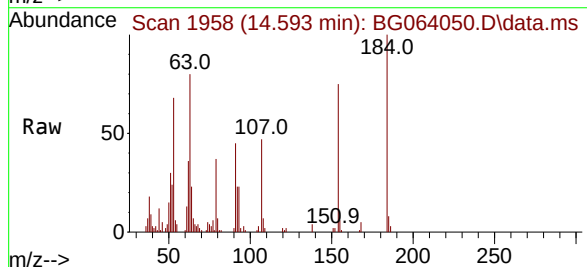
Manual Integrations  
APPROVED

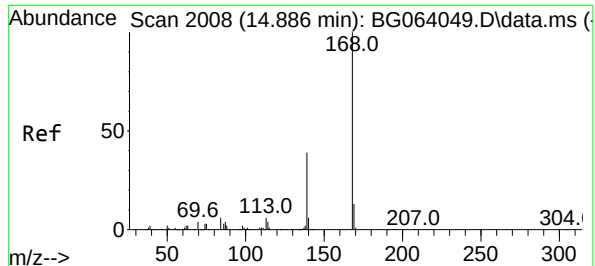
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#54  
2,4-Dinitrophenol  
Concen: 48.003 ng  
RT: 14.593 min Scan# 1958  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

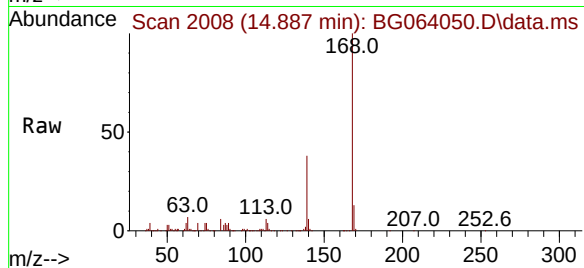
Tgt Ion:184 Resp: 30713  
Ion Ratio Lower Upper  
184 100  
63 80.4 57.5 86.3  
154 74.7 52.3 78.5





#55  
Dibenzofuran  
Concen: 48.883 ng  
RT: 14.887 min Scan# 2008  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

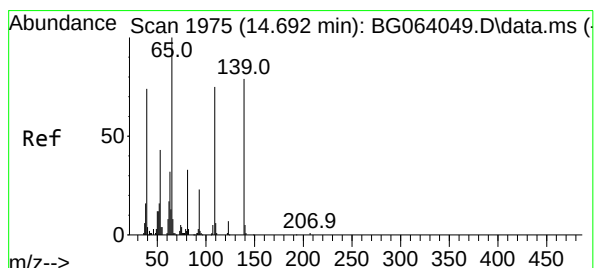
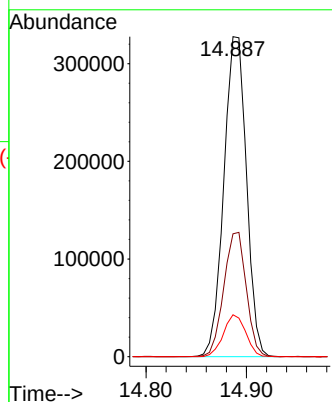
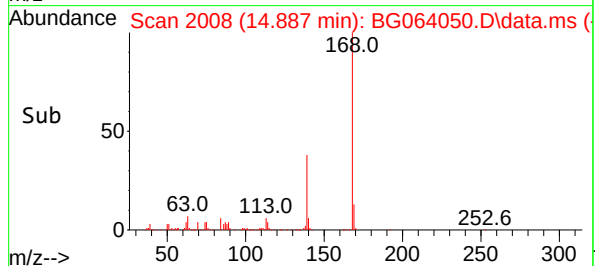
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:168 Resp: 51192  
Ion Ratio Lower Upper  
168 100  
139 38.4 31.1 46.7  
169 13.1 10.5 15.7

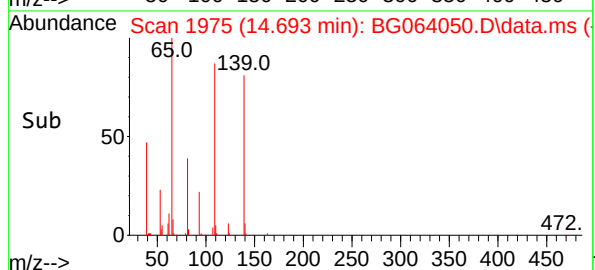
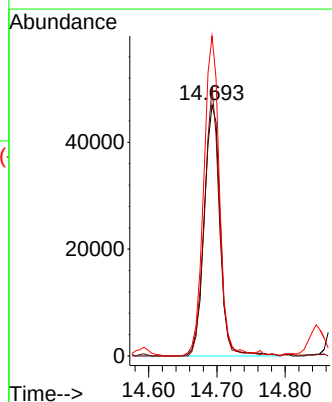
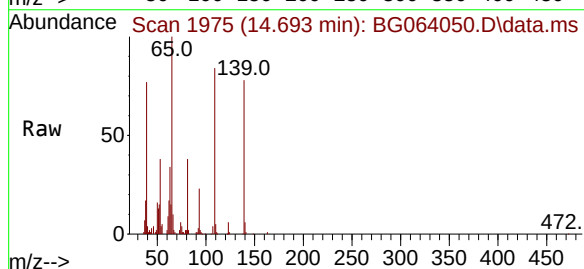
Manual Integrations  
APPROVED

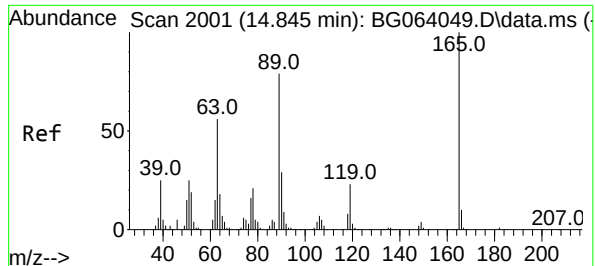
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#56  
4-Nitrophenol  
Concen: 58.485 ng  
RT: 14.693 min Scan# 1975  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

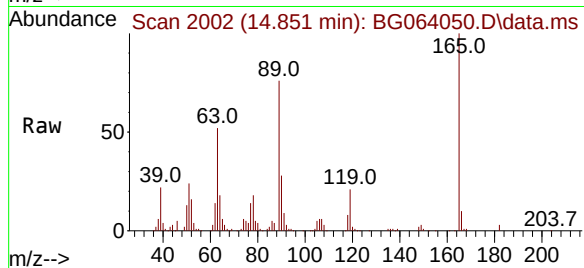
Tgt Ion:139 Resp: 77342  
Ion Ratio Lower Upper  
139 100  
109 106.8 74.9 114.9  
65 127.5 106.8 146.8





#57  
2,4-Dinitrotoluene  
Concen: 50.361 ng  
RT: 14.851 min Scan# 2001  
Delta R.T. 0.006 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

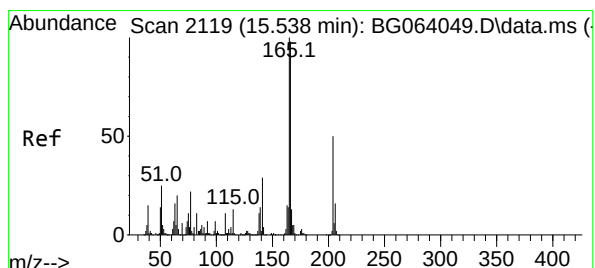
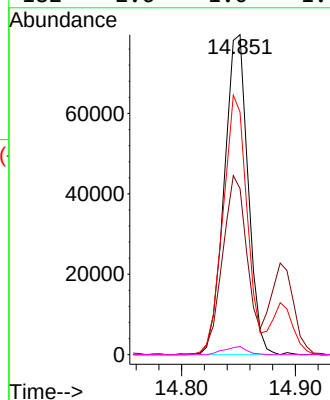
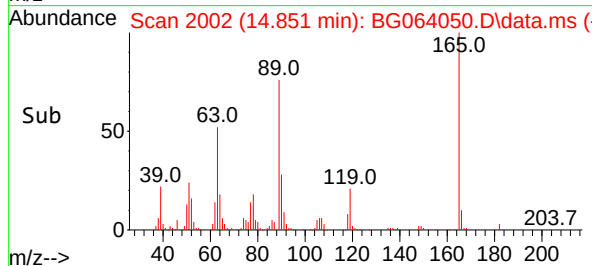
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:165 Resp: 11545  
Ion Ratio Lower Upper  
165 100  
63 51.9 45.0 67.6  
89 75.8 63.1 94.7  
182 2.6 1.0 1.4#

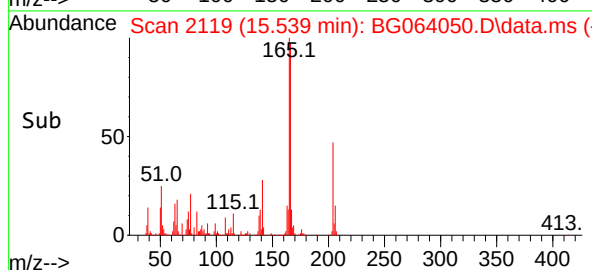
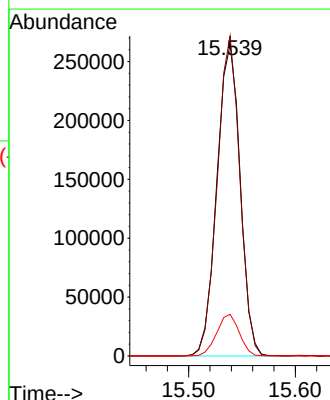
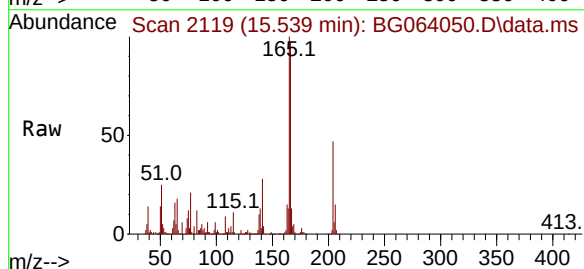
Manual Integrations  
APPROVED

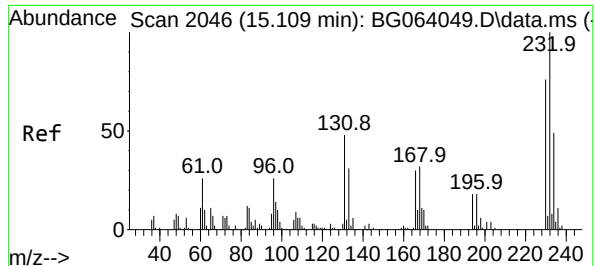
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#58  
Fluorene  
Concen: 49.182 ng  
RT: 15.539 min Scan# 2119  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

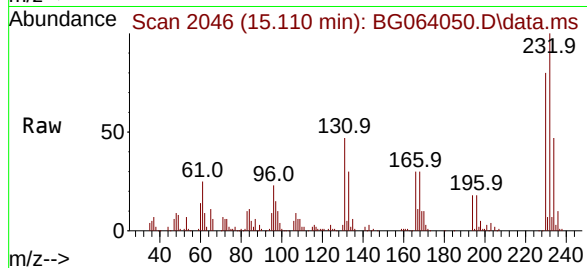
Tgt Ion:166 Resp: 401156  
Ion Ratio Lower Upper  
166 100  
165 102.7 81.8 122.8  
167 13.4 10.8 16.2





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 52.772 ng  
RT: 15.110 min Scan# 2046  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

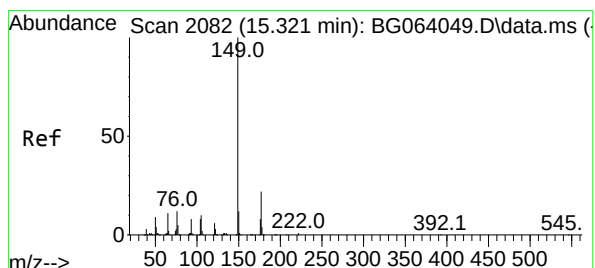
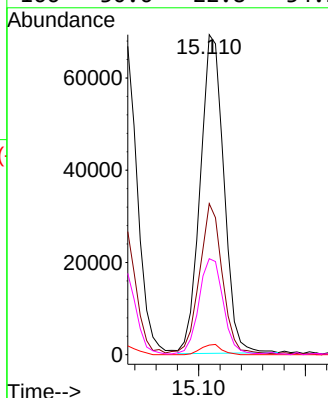
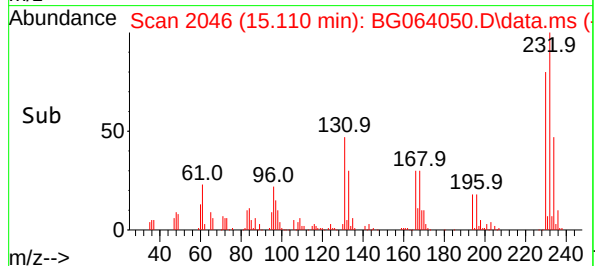
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:232 Resp: 106300  
Ion Ratio Lower Upper  
232 100  
131 45.8 36.3 54.5  
130 2.9 1.9 2.9  
166 30.6 22.8 34.2

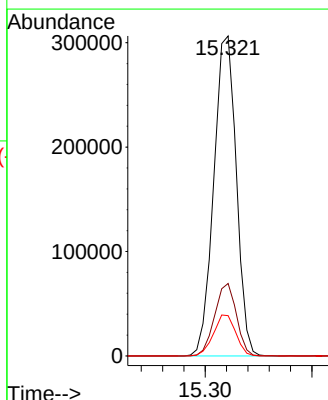
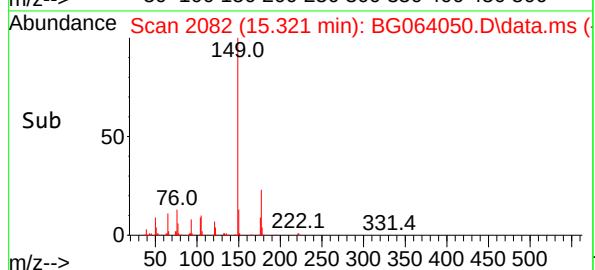
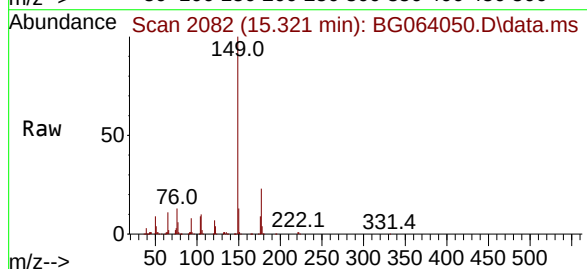
Manual Integrations  
APPROVED

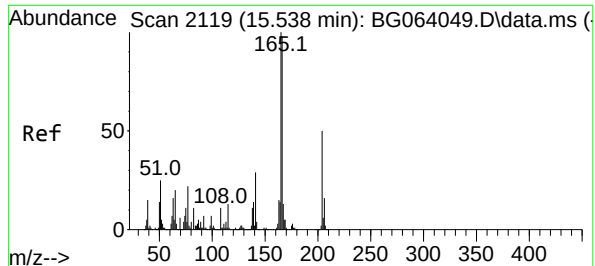
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#60  
Diethylphthalate  
Concen: 50.673 ng  
RT: 15.321 min Scan# 2082  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

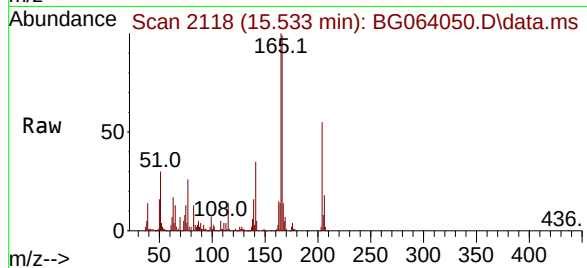
Tgt Ion:149 Resp: 448796  
Ion Ratio Lower Upper  
149 100  
177 22.6 17.4 26.2  
150 12.6 9.4 14.2





#61  
4-Chlorophenyl-phenylether  
Concen: 48.525 ng  
RT: 15.533 min Scan# 2118  
Delta R.T. -0.005 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

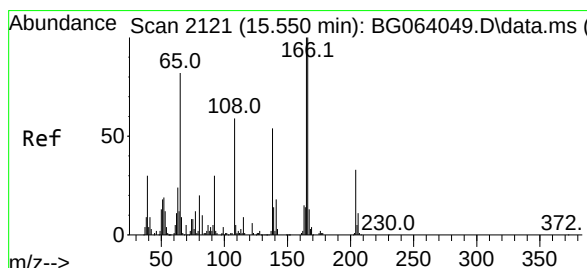
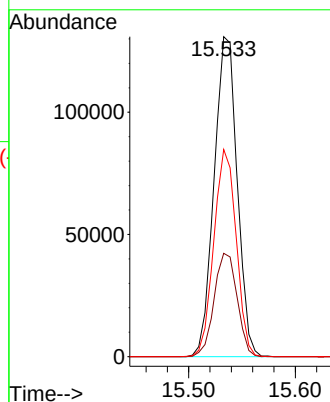
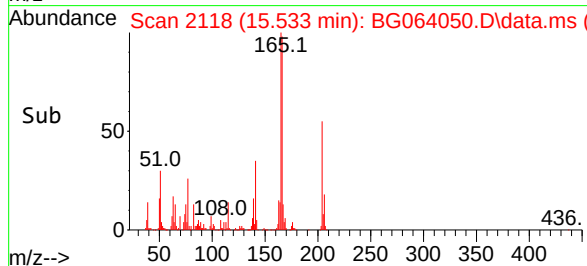
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:204 Resp: 19668  
Ion Ratio Lower Upper  
204 100  
206 32.3 25.5 38.3  
141 64.7 45.4 68.0

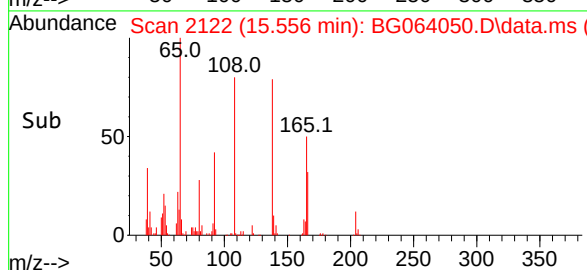
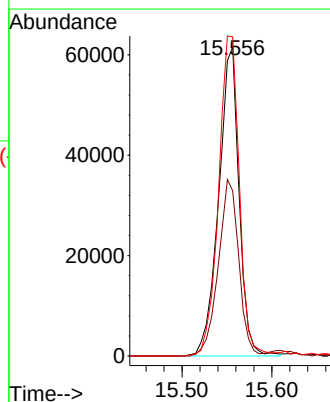
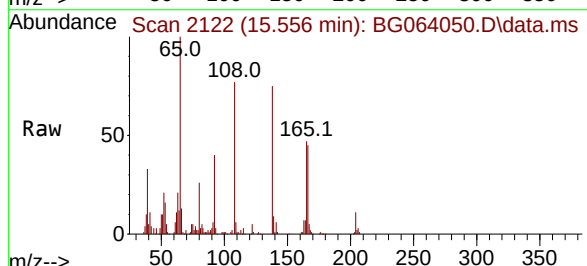
Manual Integrations  
APPROVED

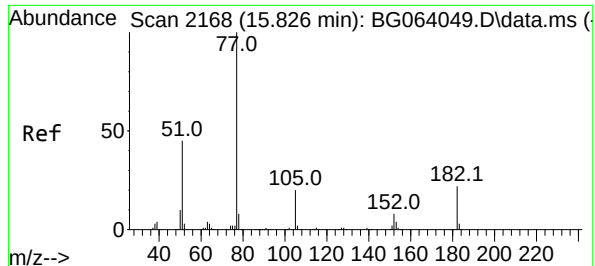
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#62  
4-Nitroaniline  
Concen: 56.899 ng  
RT: 15.556 min Scan# 2122  
Delta R.T. 0.007 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

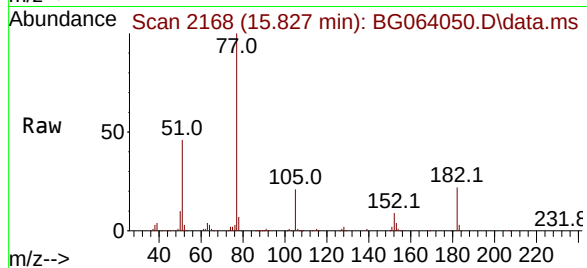
Tgt Ion:138 Resp: 96864  
Ion Ratio Lower Upper  
138 100  
92 53.5 36.1 76.1  
108 103.2 87.9 127.9





#63  
Azobenzene  
Concen: 49.712 ng  
RT: 15.827 min Scan# 2168  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

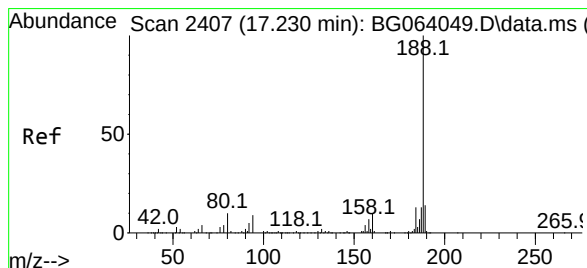
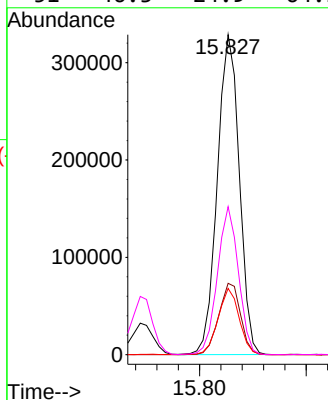
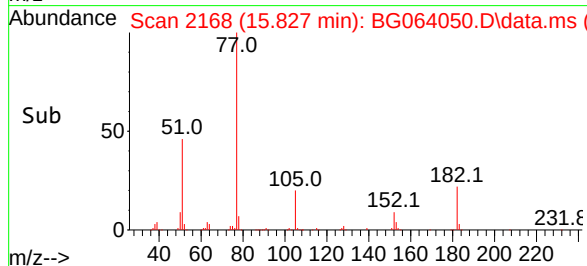
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



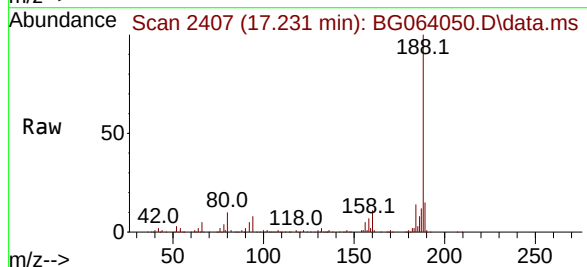
Tgt Ion: 77 Resp: 469832  
Ion Ratio Lower Upper  
77 100  
182 22.3 2.4 42.4  
105 20.7 0.0 40.0  
51 46.3 24.9 64.9

Manual Integrations  
APPROVED

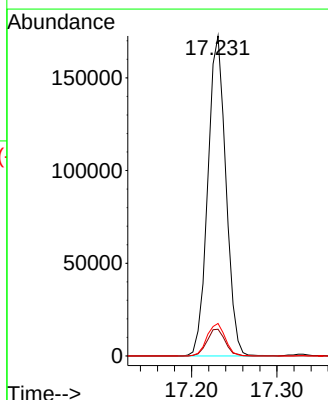
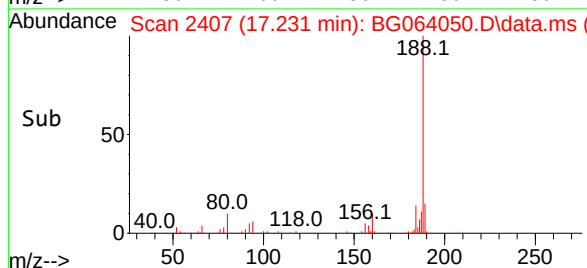
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



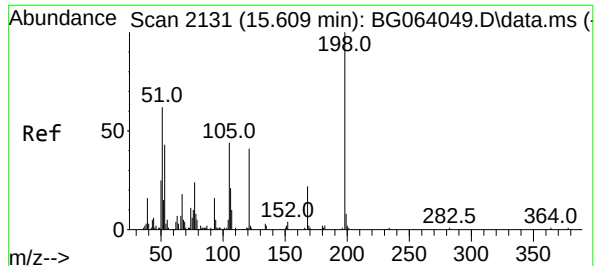
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.231 min Scan# 2407  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23



Tgt Ion:188 Resp: 254221  
Ion Ratio Lower Upper  
188 100  
94 8.4 6.9 10.3  
80 10.1 8.1 12.1







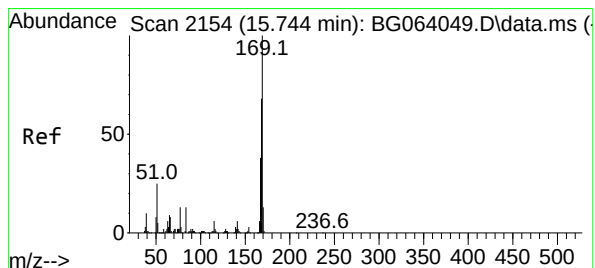
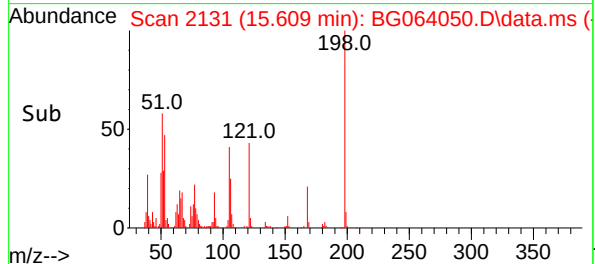
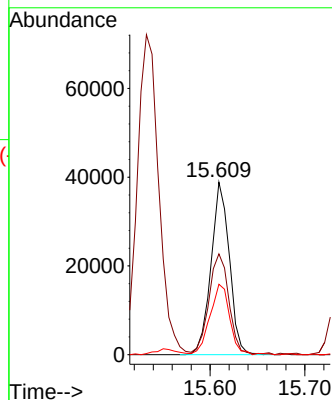
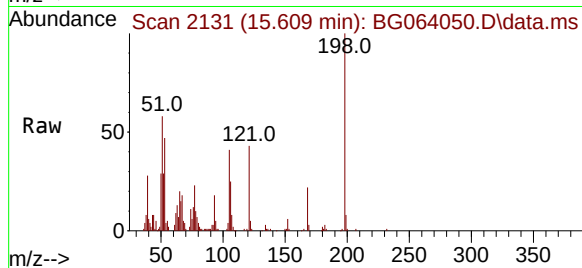
#65  
4,6-Dinitro-2-methylphenol  
Concen: 47.566 ng  
RT: 15.609 min Scan# 2131  
Delta R.T. 0.000 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050

Tgt Ion:198 Resp: 5214  
Ion Ratio Lower Upper  
198 100  
51 58.5 45.6 85.6  
105 40.9 25.3 65.3

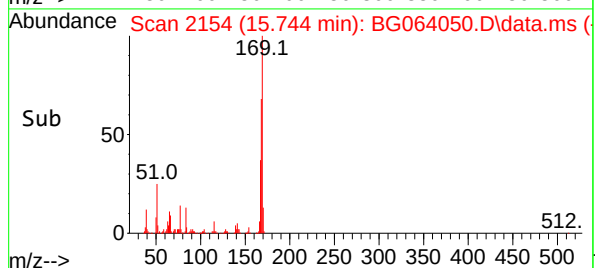
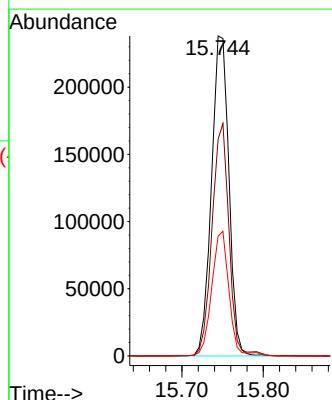
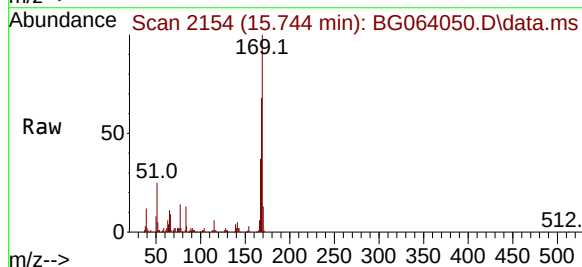
Manual Integrations  
APPROVED

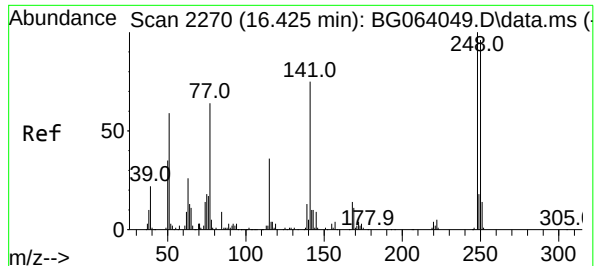
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#66  
n-Nitrosodiphenylamine  
Concen: 49.240 ng  
RT: 15.744 min Scan# 2154  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

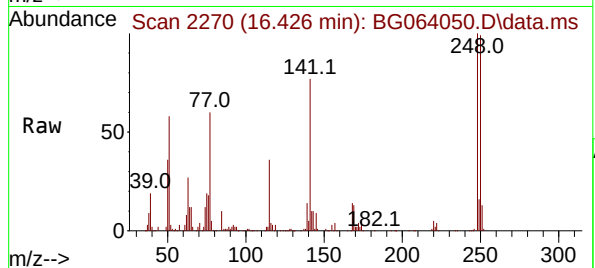
Tgt Ion:169 Resp: 354329  
Ion Ratio Lower Upper  
169 100  
168 67.8 54.1 81.1  
167 37.4 30.3 45.5





#67  
4-Bromophenyl-phenylether  
Concen: 48.903 ng  
RT: 16.426 min Scan# 21  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

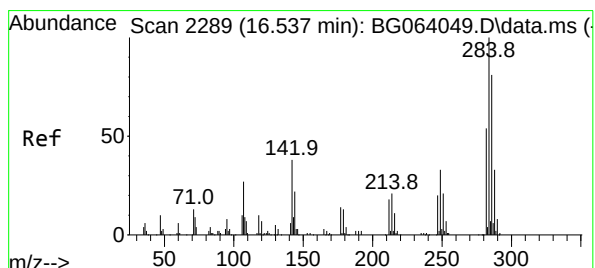
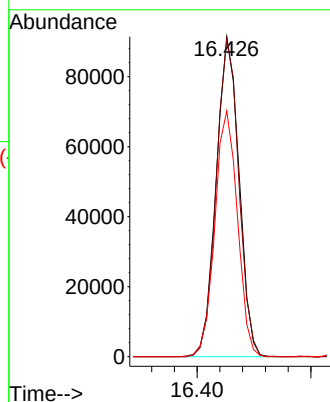
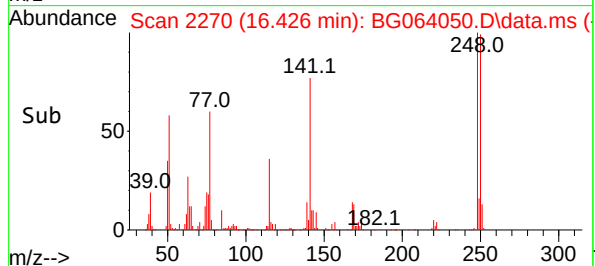
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



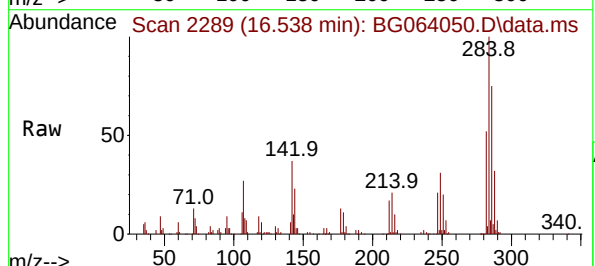
Tgt Ion:248 Resp: 127329  
Ion Ratio Lower Upper  
248 100  
250 99.3 77.1 115.7  
141 76.8 59.8 89.8

Manual Integrations  
APPROVED

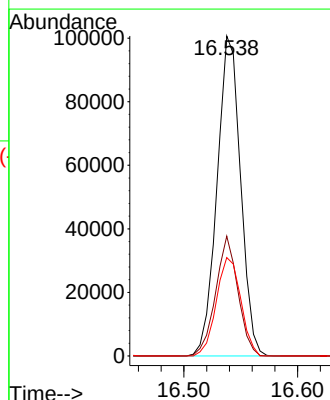
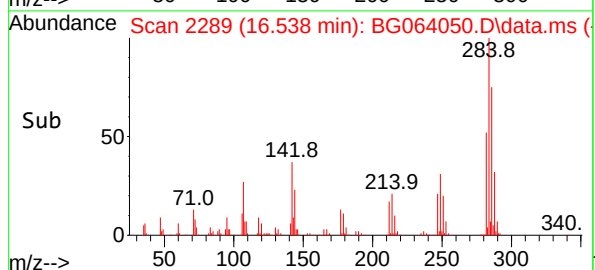
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

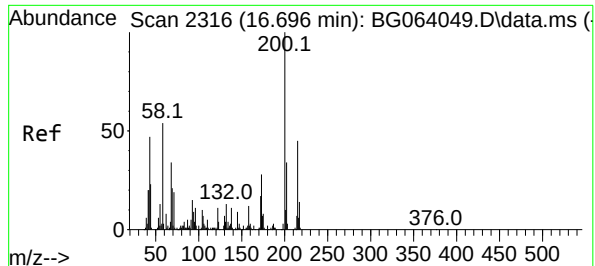


#68  
Hexachlorobenzene  
Concen: 49.646 ng  
RT: 16.538 min Scan# 2289  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23



Tgt Ion:284 Resp: 144717  
Ion Ratio Lower Upper  
284 100  
142 37.4 30.6 45.8  
249 30.7 26.6 39.8





#69

Atrazine

Concen: 38.632 ng

RT: 16.696 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG064050.D

Acq: 5 Mar 2025 12:23

Instrument :

BNA\_G

ClientSampleId :

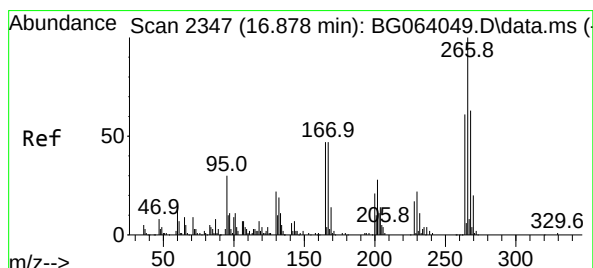
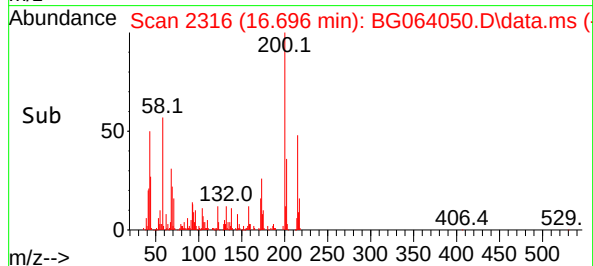
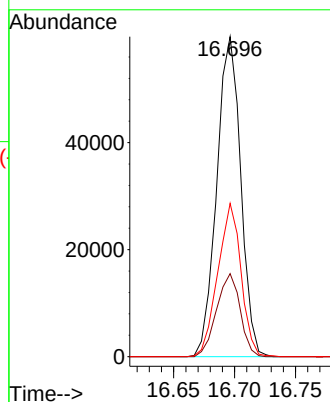
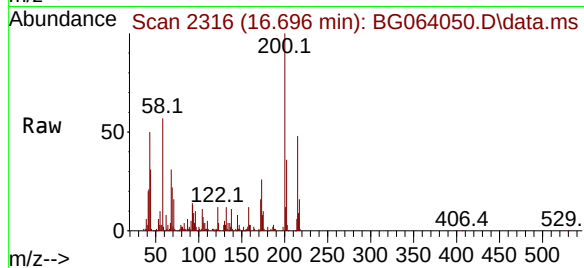
SSTDICC050

| Tgt Ion   | 200   | Resp  | 81790 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 26.0  | 8.2   | 48.2  |
| 215       | 47.9  | 25.5  | 65.5  |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#70

Pentachlorophenol

Concen: 52.943 ng

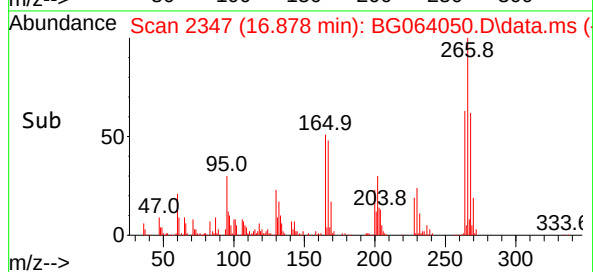
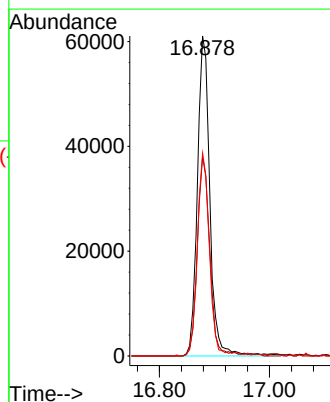
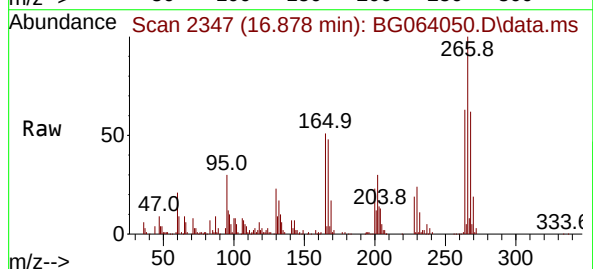
RT: 16.878 min Scan# 2347

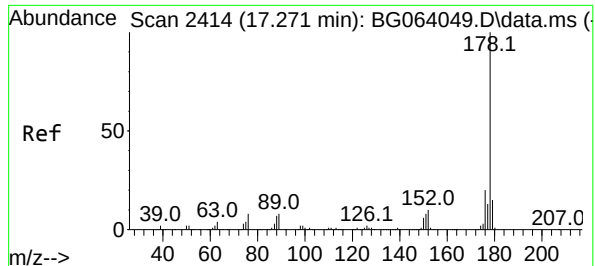
Delta R.T. 0.000 min

Lab File: BG064050.D

Acq: 5 Mar 2025 12:23

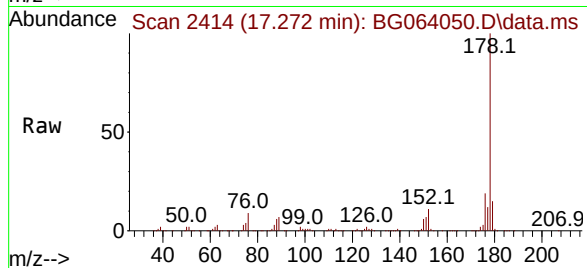
| Tgt Ion   | 266   | Resp  | 95820 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 266       | 100   |       |       |
| 268       | 62.2  | 50.2  | 75.4  |
| 264       | 63.5  | 48.9  | 73.3  |





#71  
Phenanthrene  
Concen: 49.395 ng  
RT: 17.272 min Scan# 2414  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

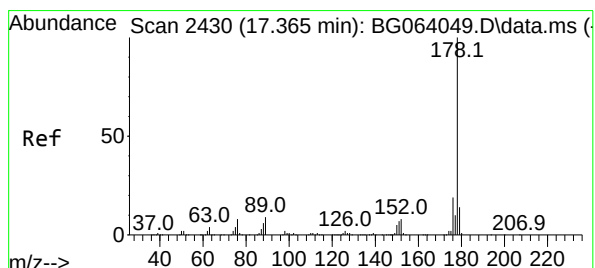
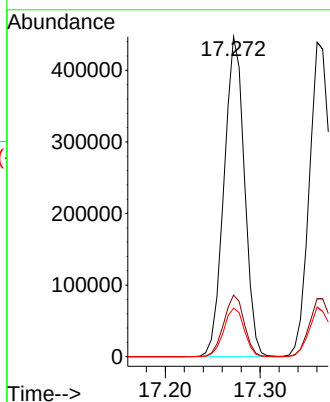
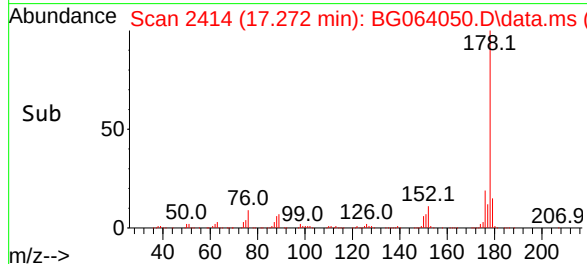
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:178 Resp: 669770  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.9 23.9  
179 15.1 12.2 18.2

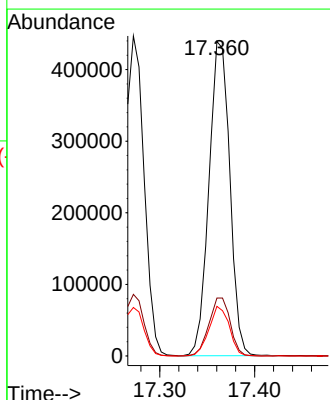
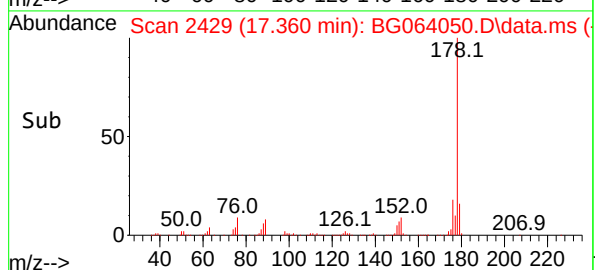
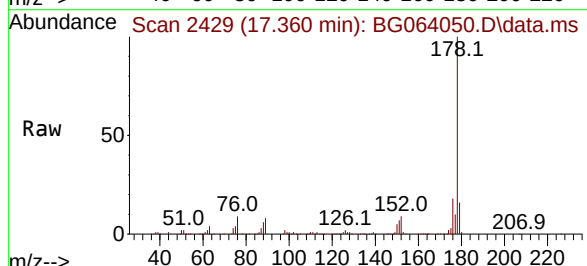
Manual Integrations  
APPROVED

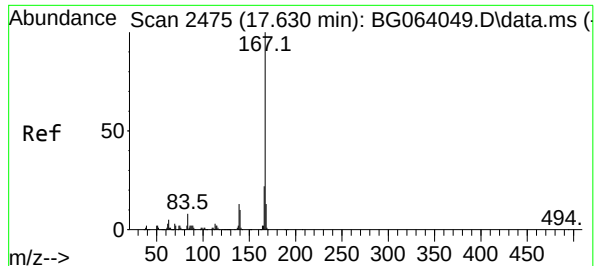
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#72  
Anthracene  
Concen: 49.714 ng  
RT: 17.360 min Scan# 2429  
Delta R.T. -0.005 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

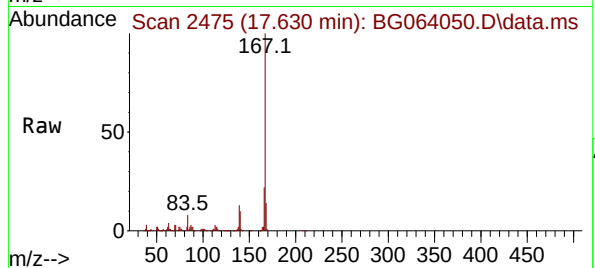
Tgt Ion:178 Resp: 670298  
Ion Ratio Lower Upper  
178 100  
176 18.4 14.8 22.2  
179 15.8 11.5 17.3





#73  
 Carbazole  
 Concen: 50.853 ng  
 RT: 17.630 min Scan# 2475  
 Delta R.T. 0.001 min  
 Lab File: BG064050.D  
 Acq: 5 Mar 2025 12:23

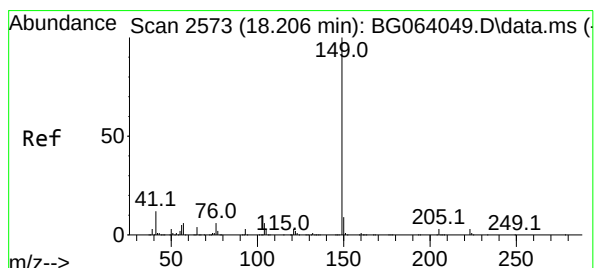
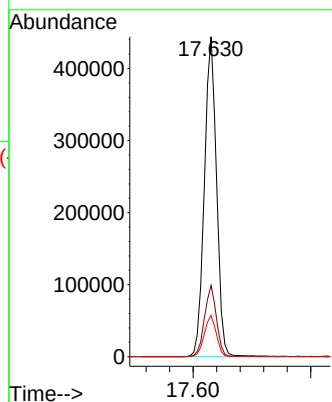
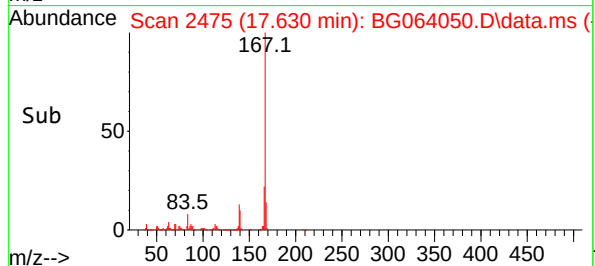
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050



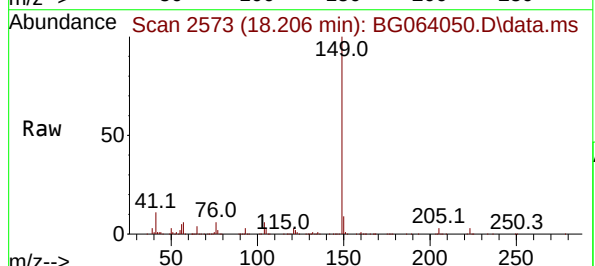
Tgt Ion:167 Resp: 64016  
 Ion Ratio Lower Upper  
 167 100  
 166 22.3 18.0 27.0  
 139 12.9 10.6 15.8

Manual Integrations  
 APPROVED

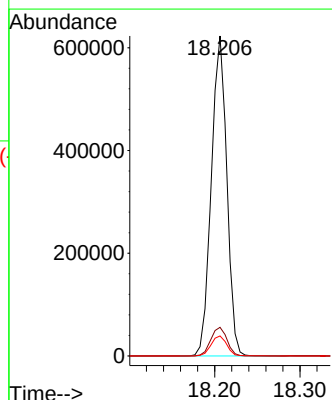
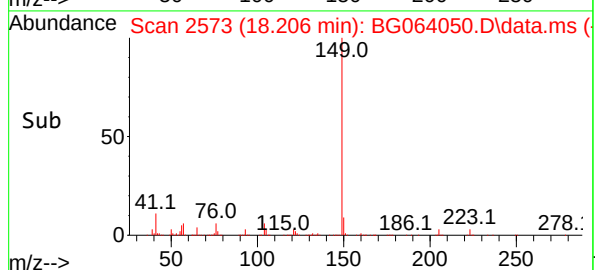
Reviewed By :Jagrut Upadhyay 03/06/2025  
 Supervised By :mohammad ahmed 03/07/2025

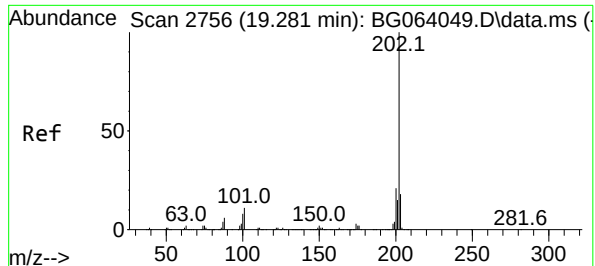


#74  
 Di-n-butylphthalate  
 Concen: 53.009 ng  
 RT: 18.206 min Scan# 2573  
 Delta R.T. 0.001 min  
 Lab File: BG064050.D  
 Acq: 5 Mar 2025 12:23



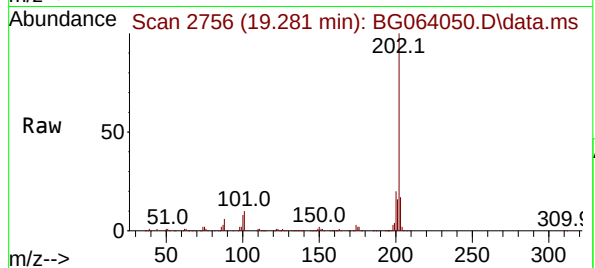
Tgt Ion:149 Resp: 785487  
 Ion Ratio Lower Upper  
 149 100  
 150 9.0 7.4 11.0  
 104 6.3 5.0 7.6





#75  
Fluoranthene  
Concen: 50.454 ng  
RT: 19.281 min Scan# 21  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

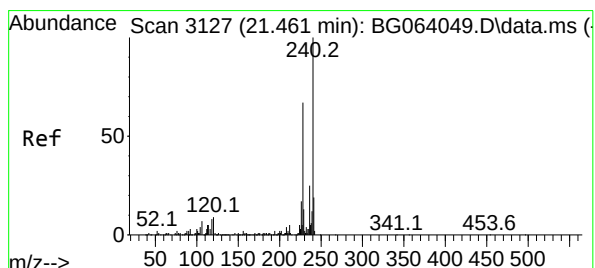
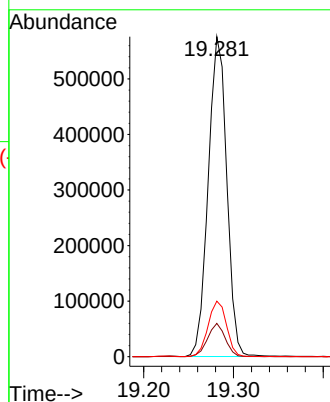
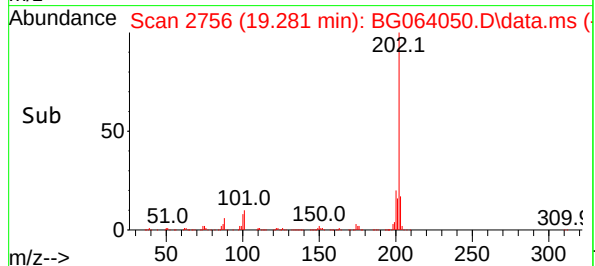
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:202 Resp: 824769  
Ion Ratio Lower Upper  
202 100  
101 10.4 0.0 30.5  
203 17.4 0.0 38.3

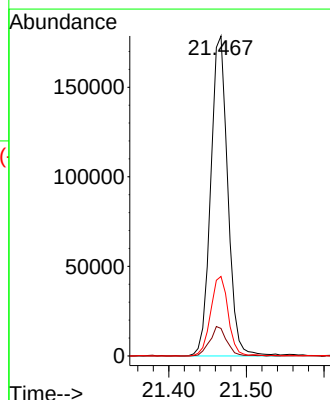
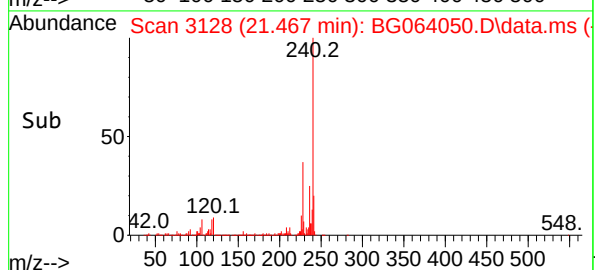
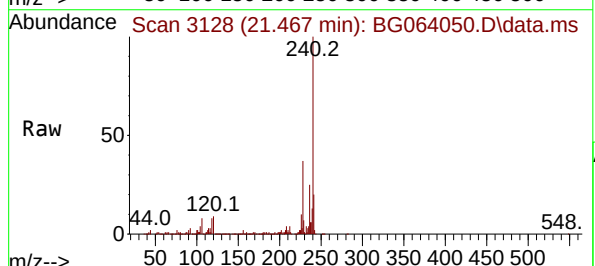
Manual Integrations  
APPROVED

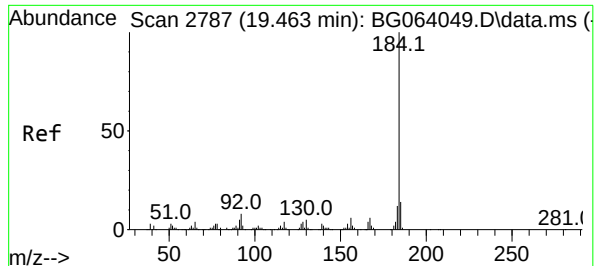
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.467 min Scan# 3128  
Delta R.T. 0.007 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

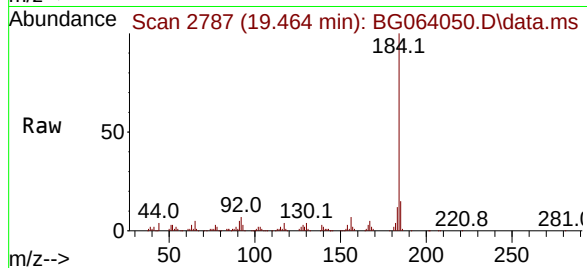
Tgt Ion:240 Resp: 272579  
Ion Ratio Lower Upper  
240 100  
120 8.6 7.2 10.8  
236 24.8 20.2 30.2





#77  
Benzidine  
Concen: 34.790 ng  
RT: 19.464 min Scan# 2787  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

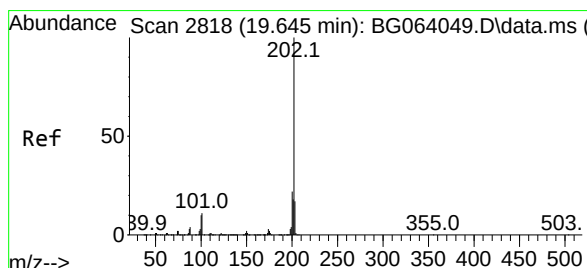
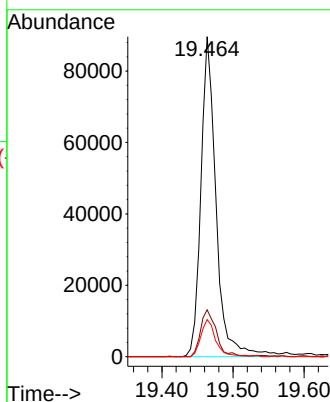
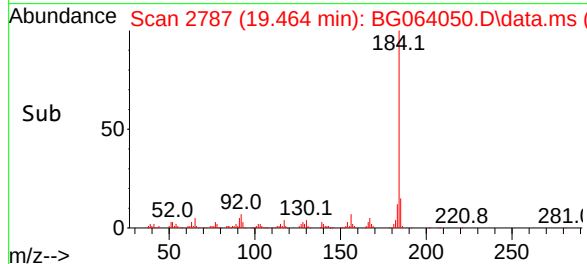
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:184 Resp: 13312  
Ion Ratio Lower Upper  
184 100  
185 14.6 11.3 16.9  
183 11.6 9.5 14.3

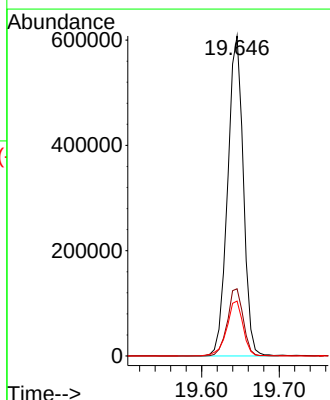
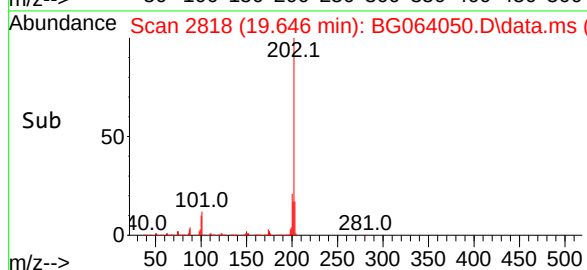
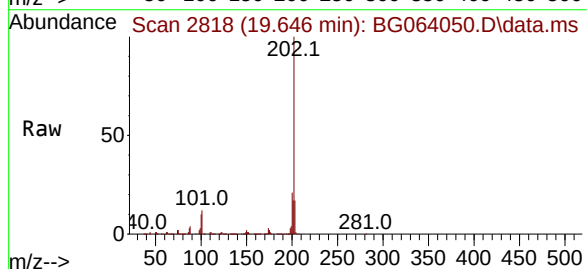
Manual Integrations  
APPROVED

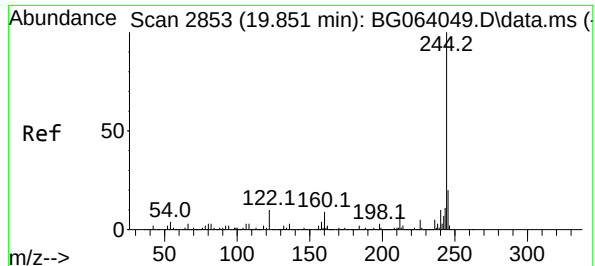
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#78  
Pyrene  
Concen: 48.636 ng  
RT: 19.646 min Scan# 2818  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

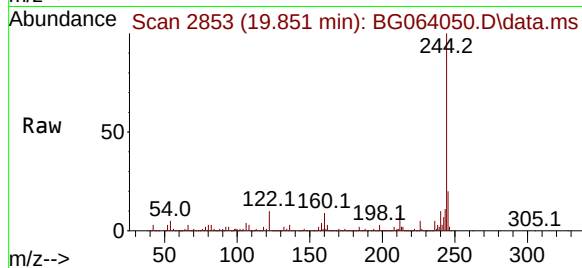
Tgt Ion:202 Resp: 854585  
Ion Ratio Lower Upper  
202 100  
200 21.0 17.3 25.9  
203 17.1 13.6 20.4





#79  
Terphenyl-d14  
Concen: 95.415 ng  
RT: 19.851 min Scan# 2853  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

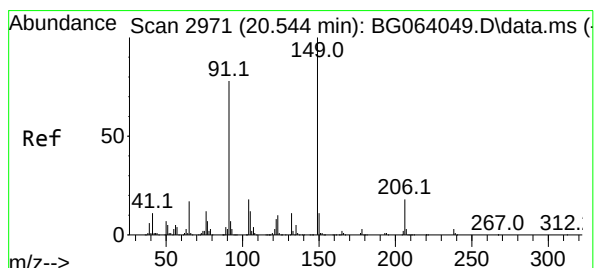
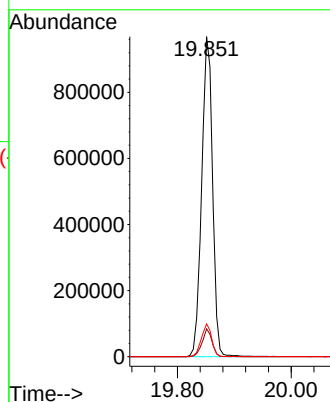
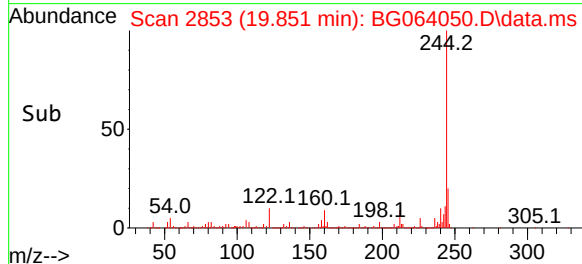
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



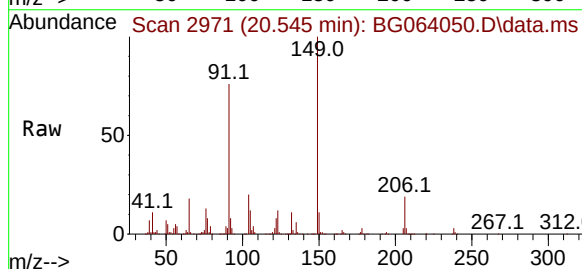
Tgt Ion:244 Resp: 128626  
Ion Ratio Lower Upper  
244 100  
212 8.7 6.2 9.4  
122 10.3 8.0 12.0

Manual Integrations  
APPROVED

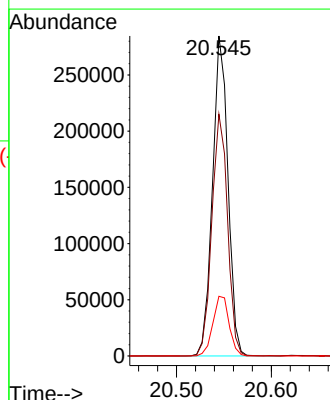
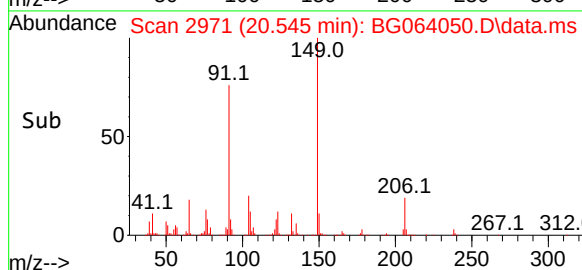
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



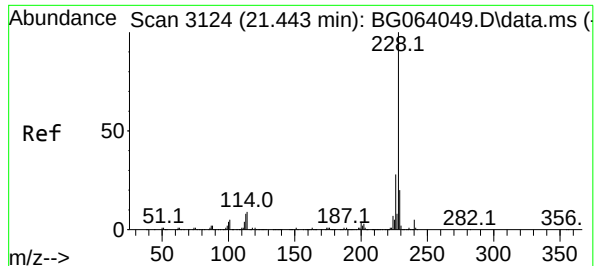
#80  
Butylbenzylphthalate  
Concen: 48.794 ng  
RT: 20.545 min Scan# 2971  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23



Tgt Ion:149 Resp: 322148  
Ion Ratio Lower Upper  
149 100  
91 75.5 62.0 93.0  
206 18.6 14.6 21.8

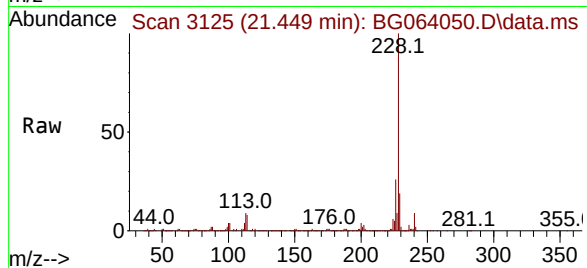






#81  
Benzo(a)anthracene  
Concen: 49.769 ng  
RT: 21.449 min Scan# 3125  
Delta R.T. 0.007 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

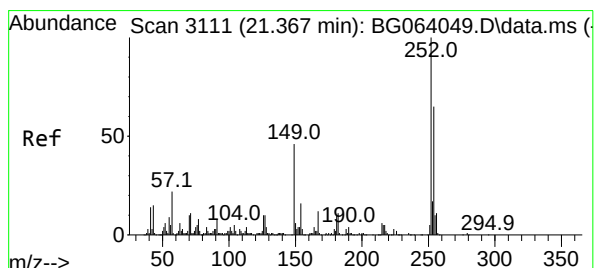
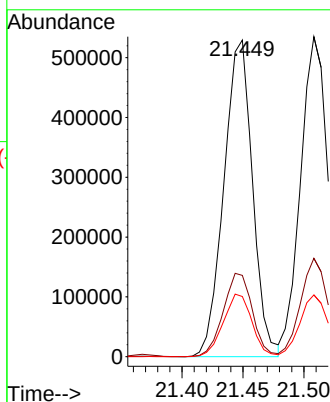
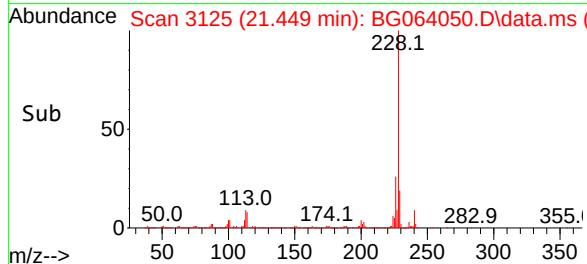
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:228 Resp: 86899  
Ion Ratio Lower Upper  
228 100  
226 25.7 22.2 33.2  
229 19.0 16.4 24.6

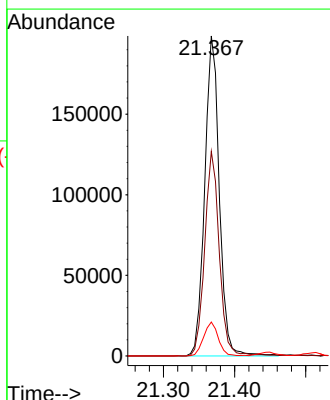
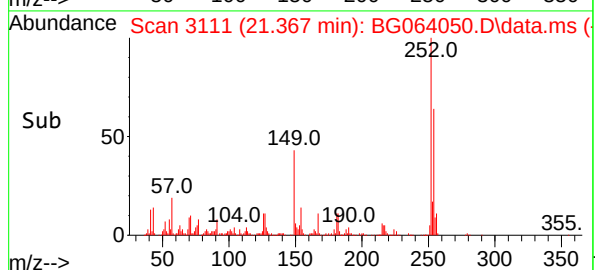
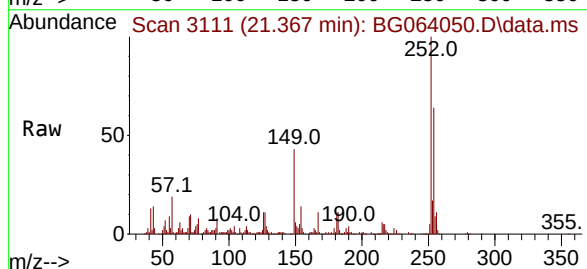
Manual Integrations  
APPROVED

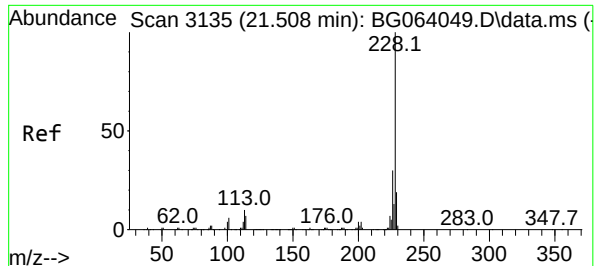
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#82  
3,3'-Dichlorobenzidine  
Concen: 50.177 ng  
RT: 21.367 min Scan# 3111  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

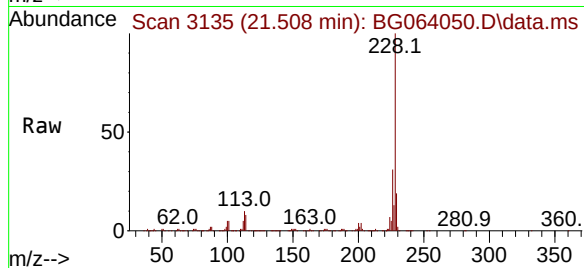
Tgt Ion:252 Resp: 283543  
Ion Ratio Lower Upper  
252 100  
254 63.9 52.1 78.1  
126 10.6 7.8 11.8





#83  
Chrysene  
Concen: 49.437 ng  
RT: 21.508 min Scan# 3135  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

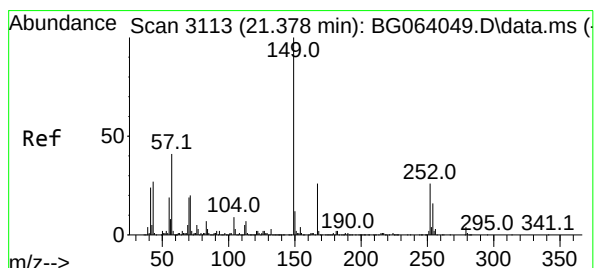
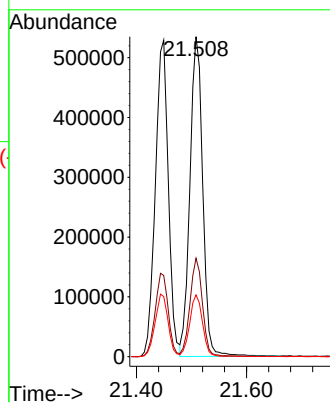
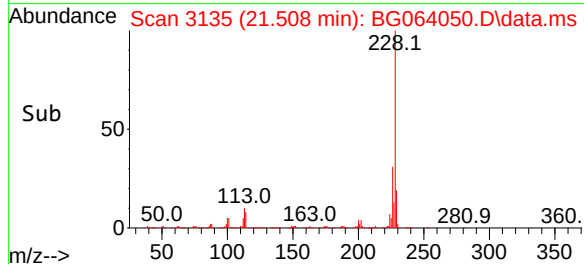
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:228 Resp: 860924  
Ion Ratio Lower Upper  
228 100  
226 30.7 23.9 35.9  
229 19.3 15.3 22.9

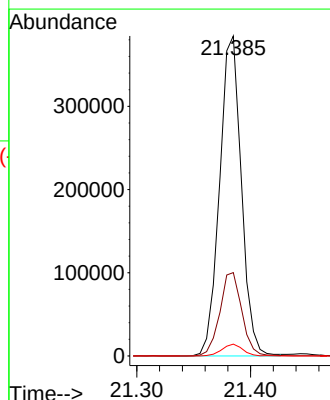
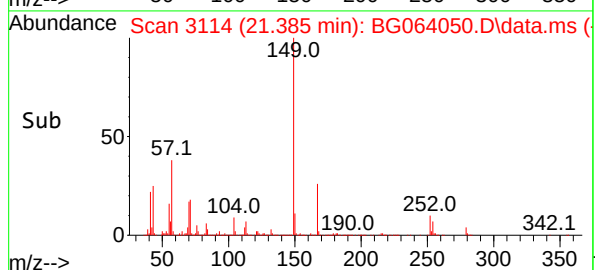
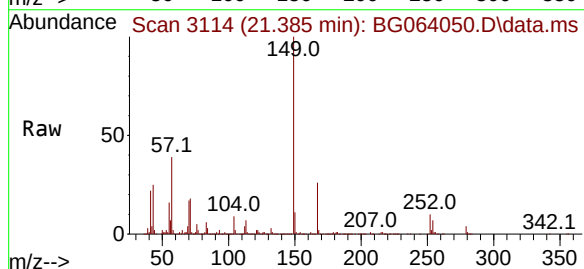
Manual Integrations  
APPROVED

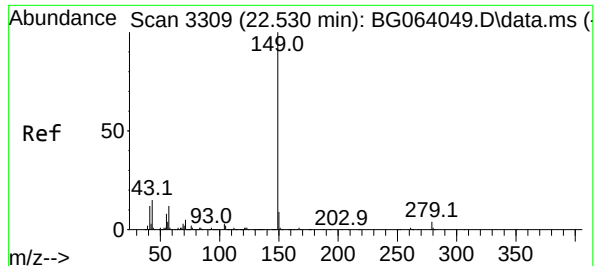
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 54.210 ng  
RT: 21.385 min Scan# 3114  
Delta R.T. 0.007 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

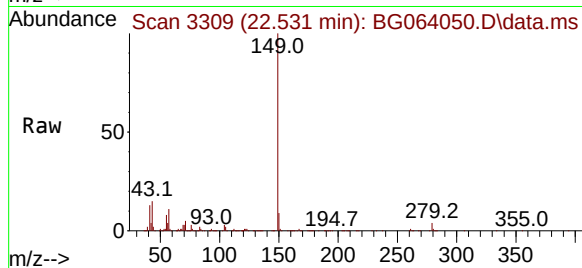
Tgt Ion:149 Resp: 511903  
Ion Ratio Lower Upper  
149 100  
167 26.1 21.0 31.6  
279 3.7 2.8 4.2





#85  
Di-n-octyl phthalate  
Concen: 52.538 ng  
RT: 22.531 min Scan# 3309  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

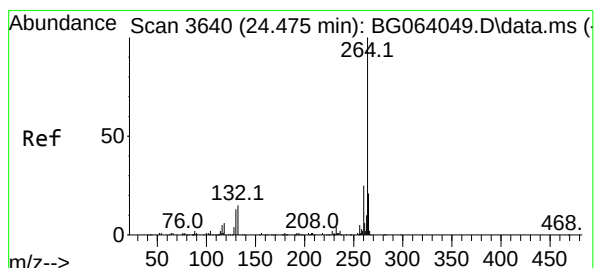
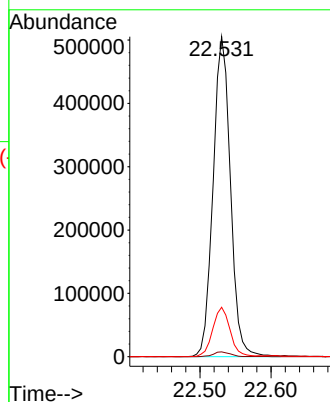
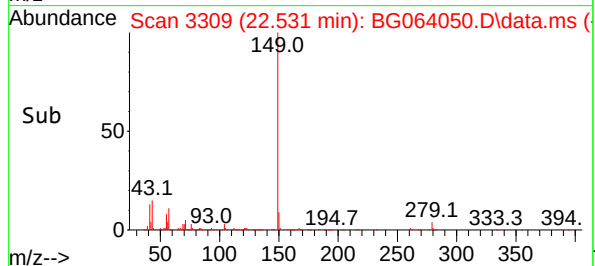
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



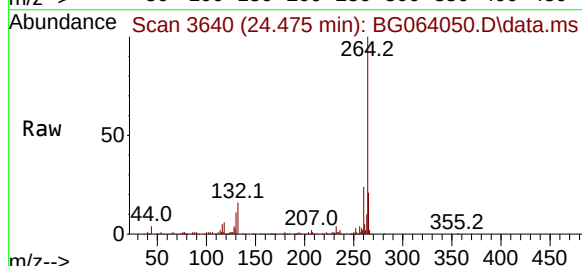
Tgt Ion:149 Resp: 85572  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 15.6 12.6 19.0

Manual Integrations  
APPROVED

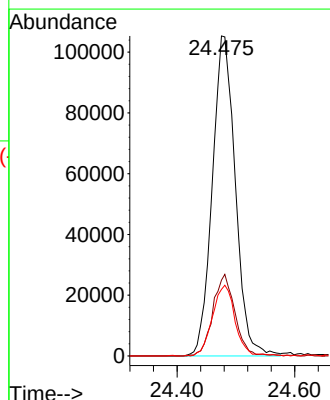
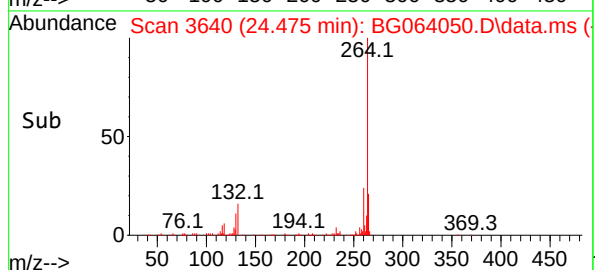
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

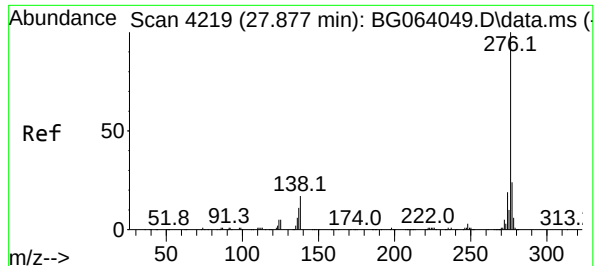


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.475 min Scan# 3640  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23



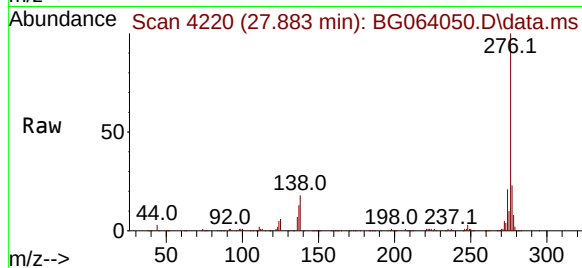
Tgt Ion:264 Resp: 286555  
Ion Ratio Lower Upper  
264 100  
260 23.7 19.6 29.4  
265 20.8 16.6 25.0





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 50.610 ng  
RT: 27.883 min Scan# 4219  
Delta R.T. 0.007 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

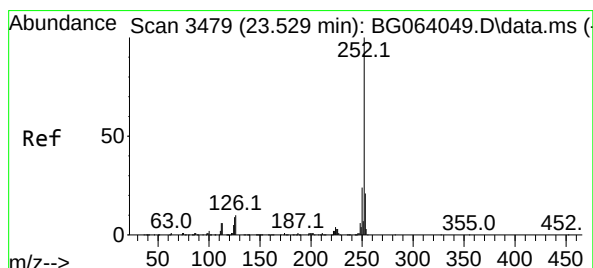
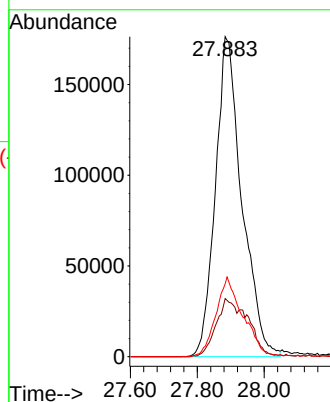
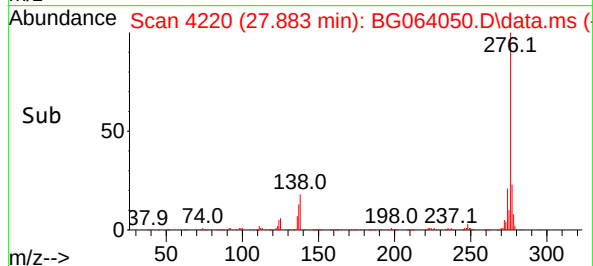
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:276 Resp: 970339  
Ion Ratio Lower Upper  
276 100  
138 13.2 12.1 18.1  
277 25.3 20.0 30.0

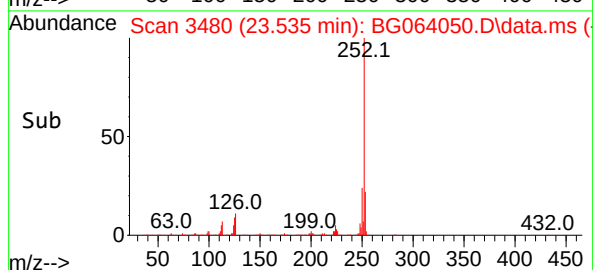
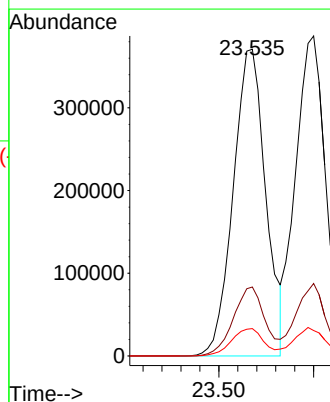
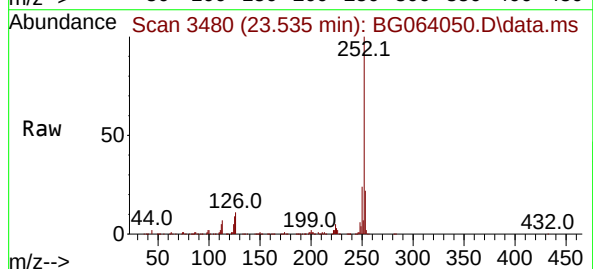
Manual Integrations  
APPROVED

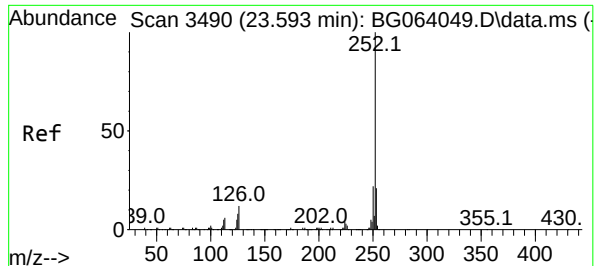
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#88  
Benzo(b)fluoranthene  
Concen: 50.946 ng  
RT: 23.535 min Scan# 3480  
Delta R.T. 0.007 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

Tgt Ion:252 Resp: 882554  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.0 25.4  
125 8.9 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 49.673 ng

RT: 23.600 min Scan# 3491

Delta R.T. 0.007 min

Lab File: BG064050.D

Acq: 5 Mar 2025 12:23

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

Tgt Ion:252 Resp: 86326

Ion Ratio Lower Upper

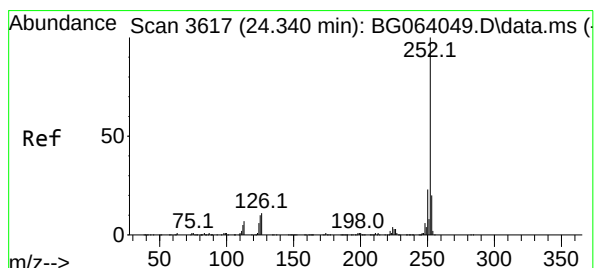
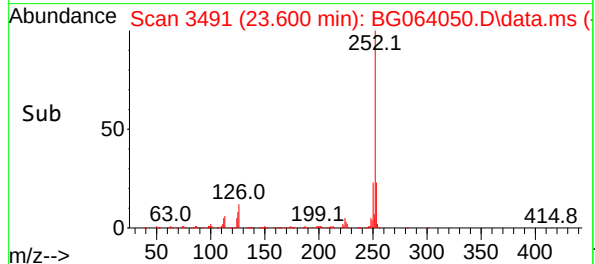
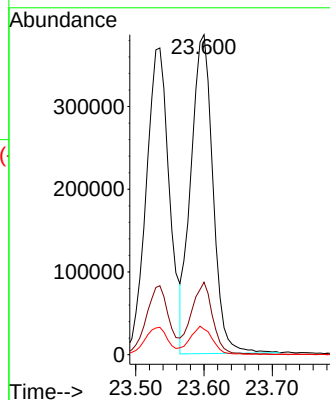
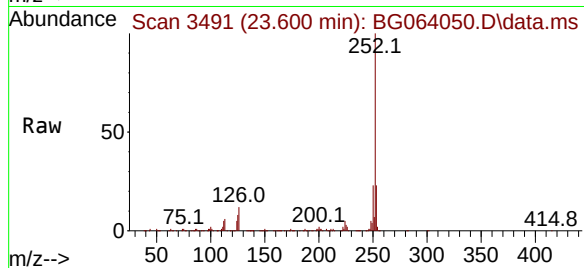
252 100

253 22.6 16.8 25.2

125 8.0 6.9 10.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

#90

Benzo(a)pyrene

Concen: 51.360 ng

RT: 24.346 min Scan# 3618

Delta R.T. 0.007 min

Lab File: BG064050.D

Acq: 5 Mar 2025 12:23

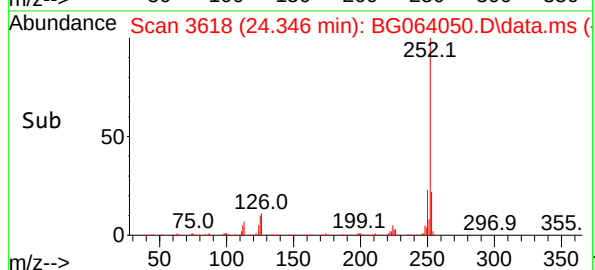
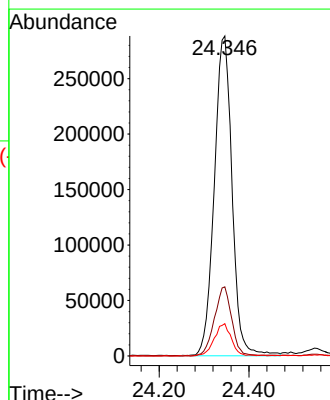
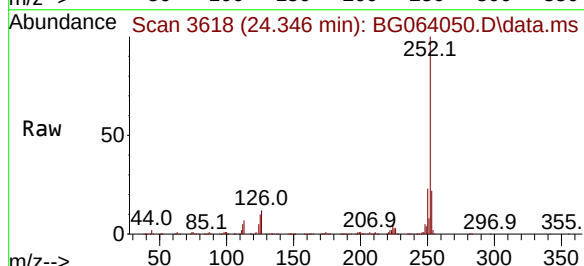
Tgt Ion:252 Resp: 792379

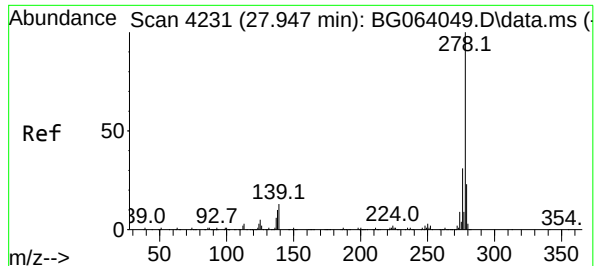
Ion Ratio Lower Upper

252 100

253 21.6 16.2 24.2

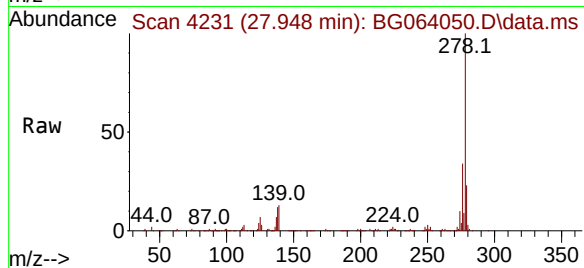
125 10.1 7.8 11.6





#91  
Dibenzo(a,h)anthracene  
Concen: 51.097 ng  
RT: 27.948 min Scan# 41  
Delta R.T. 0.001 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23

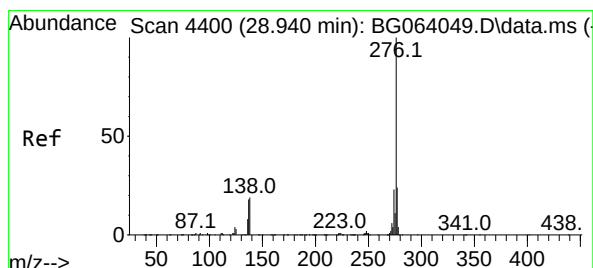
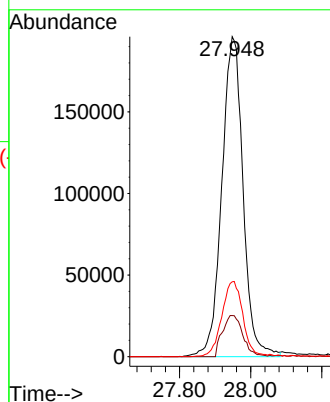
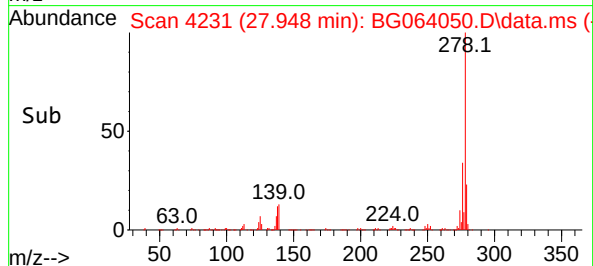
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



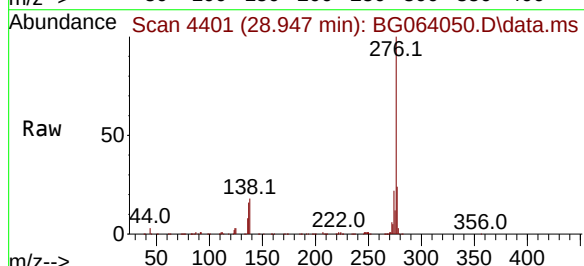
Tgt Ion:278 Resp: 81218  
Ion Ratio Lower Upper  
278 100  
139 12.8 10.2 15.2  
279 23.4 18.1 27.1

Manual Integrations  
APPROVED

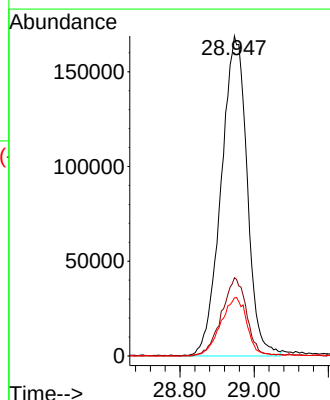
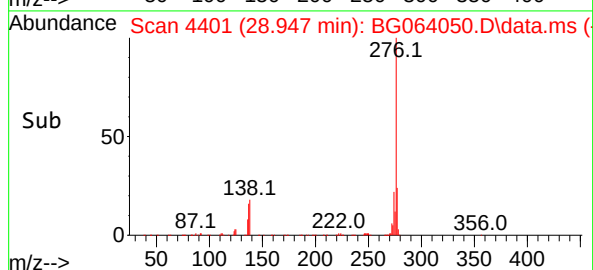
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#92  
Benzo(g,h,i)perylene  
Concen: 50.325 ng  
RT: 28.947 min Scan# 4401  
Delta R.T. 0.007 min  
Lab File: BG064050.D  
Acq: 5 Mar 2025 12:23



Tgt Ion:276 Resp: 821282  
Ion Ratio Lower Upper  
276 100  
277 24.4 19.5 29.3  
138 18.1 15.4 23.0



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030525\  
 Data File : BG064051.D  
 Acq On : 5 Mar 2025 13:04  
 Operator : RC/JU  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDICC060

## Manual Integrations

## APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025

Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:25:06 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 05 14:45:06 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.865  | 152  | 37134    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.656 | 136  | 170133   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.492 | 164  | 120501   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.230 | 188  | 267696   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.467 | 240  | 267699   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.481 | 264  | 289231   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.450  | 112  | 293555   | 123.437 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.031  | 99   | 409752   | 126.652 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.022  | 82   | 408232   | 132.600 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.979 | 330  | 180569   | 134.808 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.118 | 172  | 928658   | 116.978 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.851 | 244  | 1536841  | 116.081 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.376  | 88   | 60005    | 55.674  | ng    | 98       |
| 3) Pyridine                   | 3.764  | 79   | 153247   | 58.464  | ng    | 100      |
| 4) n-Nitrosodimethylamine     | 3.682  | 42   | 116662   | 62.293  | ng    | 99       |
| 6) Aniline                    | 7.195  | 93   | 194727   | 61.338  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.430  | 128  | 158149   | 61.917  | ng    | 97       |
| 9) Benzaldehyde               | 7.007  | 77   | 94743    | 50.099  | ng    | 97       |
| 10) Phenol                    | 7.060  | 94   | 211698   | 63.911  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.295  | 93   | 157937   | 60.818  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.759  | 146  | 169236   | 60.337  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 7.900  | 146  | 171129   | 59.524  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.217  | 146  | 169937   | 61.300  | ng    | 98       |
| 15) Benzyl Alcohol            | 8.100  | 79   | 163423   | 65.368  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.394  | 45   | 358503   | 61.396  | ng    | 98       |
| 17) 2-Methylphenol            | 8.300  | 107  | 141394   | 64.317  | ng    | 96       |
| 18) Hexachloroethane          | 8.946  | 117  | 64767    | 64.389  | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 8.676  | 70   | 147291   | 64.871  | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.635  | 107  | 200990   | 66.409  | ng    | 94       |
| 22) Acetophenone              | 8.682  | 105  | 286250   | 61.365  | ng    | # 98     |
| 24) Nitrobenzene              | 9.064  | 77   | 208758   | 65.613  | ng    | 95       |
| 25) Isophorone                | 9.586  | 82   | 386627   | 62.743  | ng    | 97       |
| 26) 2-Nitrophenol             | 9.769  | 139  | 72153    | 61.605  | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 9.827  | 122  | 122021   | 66.054  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.068 | 93   | 229336   | 61.387  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.303 | 162  | 153766   | 65.920  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.521 | 180  | 170860   | 60.677  | ng    | 98       |
| 31) Naphthalene               | 10.703 | 128  | 559954   | 61.037  | ng    | 99       |
| 32) Benzoic acid              | 9.998  | 122  | 110878m  | 62.274  | ng    |          |
| 33) 4-Chloroaniline           | 10.809 | 127  | 214091   | 63.850  | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.997 | 225  | 112408   | 60.903  | ng    | 98       |
| 35) Caprolactam               | 11.596 | 113  | 57227    | 64.020  | ng    | 95       |
| 36) 4-Chloro-3-methylphenol   | 11.931 | 107  | 199201   | 65.149  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.313 | 142  | 397524   | 61.379  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.536 | 142  | 391774   | 61.745  | ng    | 95       |
| 40) 1,2,4,5-Tetrachloroben... | 12.683 | 216  | 203188   | 59.063  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.665 | 237  | 65070    | 67.203  | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 12.918 | 196  | 133197   | 65.693  | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030525\  
 Data File : BG064051.D  
 Acq On : 5 Mar 2025 13:04  
 Operator : RC/JU  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDICC060

## Manual Integrations

## APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
 Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:25:06 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 05 14:45:06 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.988 | 196  | 147199   | 65.338 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.329 | 154  | 546747   | 60.056 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.364 | 162  | 405177   | 61.023 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.564 | 65   | 143213   | 61.521 | ng    | 97       |
| 49) Acenaphthylene            | 14.210 | 152  | 642256   | 61.154 | ng    | 99       |
| 50) Dimethylphthalate         | 13.958 | 163  | 545112   | 61.282 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.064 | 165  | 110825   | 60.475 | ng    | 92       |
| 52) Acenaphthene              | 14.557 | 154  | 423181   | 59.918 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.393 | 138  | 118880   | 69.150 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.592 | 184  | 43597    | 60.118 | ng    | # 82     |
| 55) Dibenzofuran              | 14.892 | 168  | 673760   | 59.009 | ng    | 100      |
| 56) 4-Nitrophenol             | 14.698 | 139  | 97685    | 67.751 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 14.851 | 165  | 153908   | 60.762 | ng    | # 98     |
| 58) Fluorene                  | 15.538 | 166  | 527952   | 59.367 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.115 | 232  | 145394   | 66.199 | ng    | 96       |
| 60) Diethylphthalate          | 15.321 | 149  | 591838   | 61.289 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.538 | 204  | 260768   | 59.007 | ng    | 93       |
| 62) 4-Nitroaniline            | 15.556 | 138  | 122494   | 65.996 | ng    | 97       |
| 63) Azobenzene                | 15.826 | 77   | 616384   | 59.818 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.615 | 198  | 74058    | 61.305 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.750 | 169  | 458342   | 60.488 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 16.426 | 248  | 174594   | 63.681 | ng    | 96       |
| 68) Hexachlorobenzene         | 16.543 | 284  | 183700   | 59.848 | ng    | 99       |
| 70) Pentachlorophenol         | 16.884 | 266  | 127516   | 66.910 | ng    | 97       |
| 71) Phenanthrene              | 17.272 | 178  | 850190   | 59.544 | ng    | 100      |
| 72) Anthracene                | 17.366 | 178  | 855662   | 60.267 | ng    | 98       |
| 73) Carbazole                 | 17.630 | 167  | 791764   | 59.729 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.206 | 149  | 978831   | 62.731 | ng    | 99       |
| 75) Fluoranthene              | 19.281 | 202  | 998035   | 57.980 | ng    | 99       |
| 77) Benzidine                 | 19.469 | 184  | 240411   | 63.973 | ng    | 98       |
| 78) Pyrene                    | 19.645 | 202  | 1035908  | 60.030 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.544 | 149  | 403606   | 61.244 | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.449 | 228  | 1051558  | 61.323 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.367 | 252  | 349935   | 63.055 | ng    | 99       |
| 83) Chrysene                  | 21.514 | 228  | 1044616  | 61.078 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.384 | 149  | 633796   | 68.341 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.530 | 149  | 1075085  | 67.209 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 27.889 | 276  | 1198276  | 61.921 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.535 | 252  | 1054170  | 60.290 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.599 | 252  | 1070595  | 61.033 | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.346 | 252  | 947608   | 60.853 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 27.953 | 278  | 974276   | 60.728 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 28.964 | 276  | 1002330  | 60.851 | ng    | 96       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed



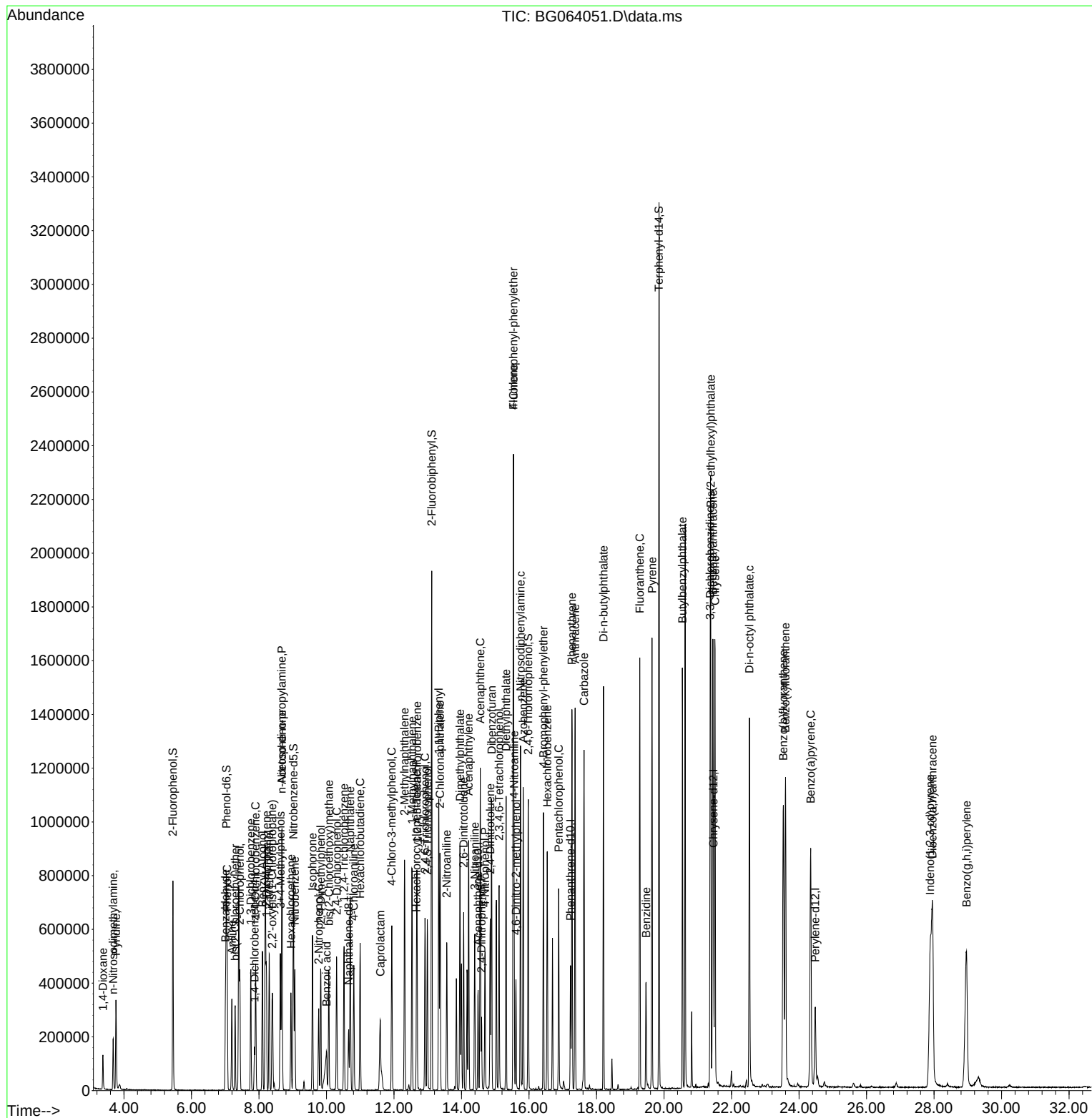
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 Operator : RC/JU  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

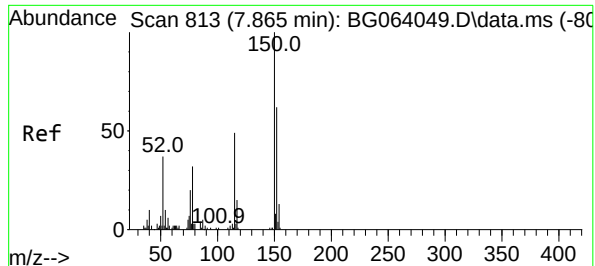
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 BNA\_G  
 ClientSampleId :  
 SSTDICC060

### Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
 Supervised By :mohammad ahmed 03/07/2025

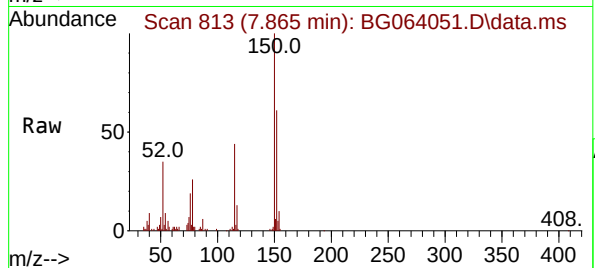
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 05 14:45:06 2025  
 Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.865 min Scan# 813  
Delta R.T. -0.000 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

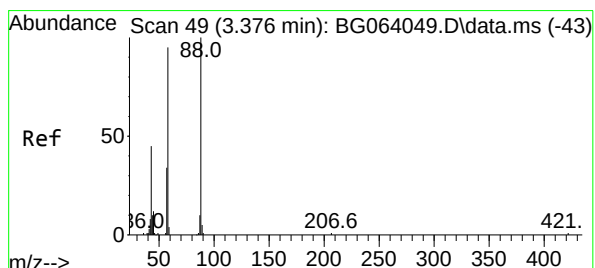
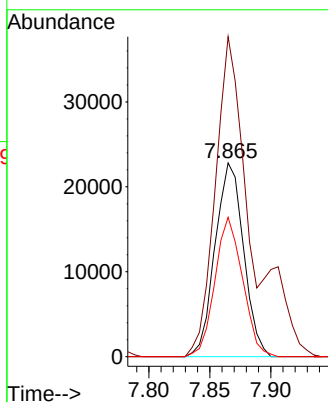
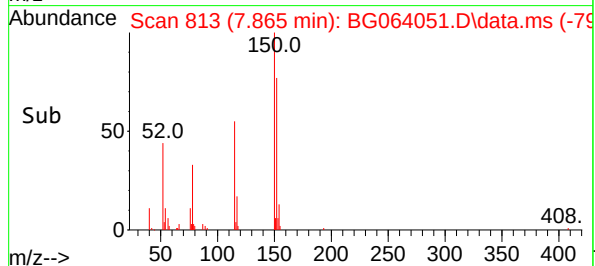
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:152 Resp: 37134  
Ion Ratio Lower Upper  
152 100  
150 165.1 129.2 193.8  
115 71.9 63.0 94.6

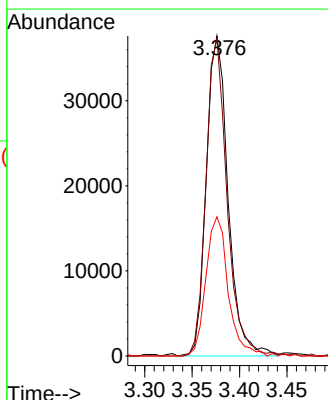
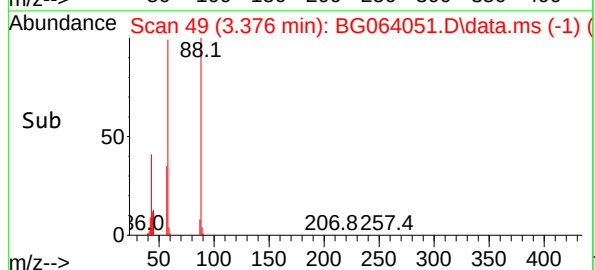
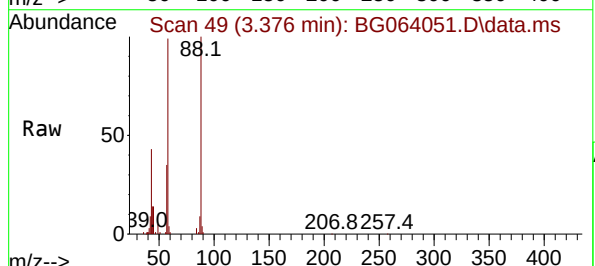
Manual Integrations  
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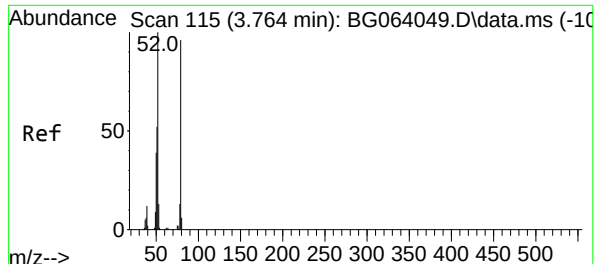
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#2  
1,4-Dioxane  
Concen: 55.674 ng  
RT: 3.376 min Scan# 49  
Delta R.T. 0.000 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

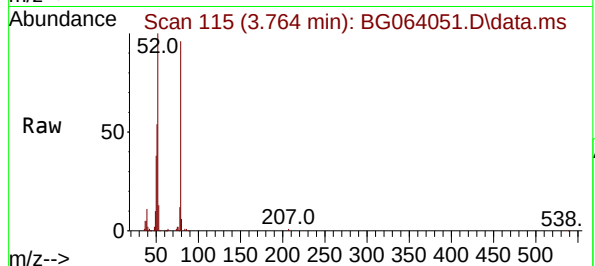
Tgt Ion: 88 Resp: 60005  
Ion Ratio Lower Upper  
88 100  
58 96.3 74.6 111.8  
43 44.5 35.5 53.3





#3  
Pyridine  
Concen: 58.464 ng  
RT: 3.764 min Scan# 115  
Delta R.T. 0.000 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

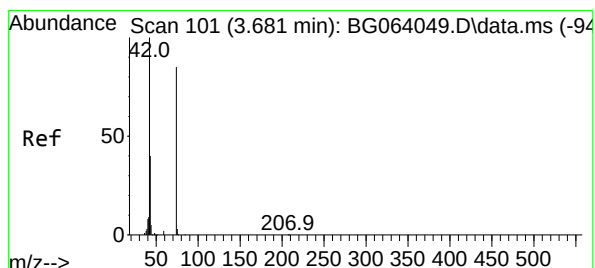
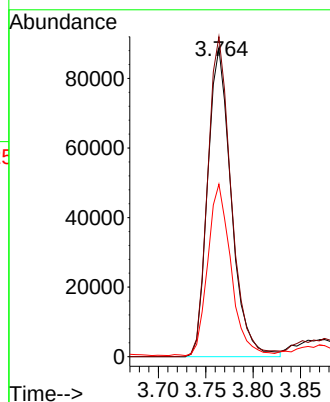
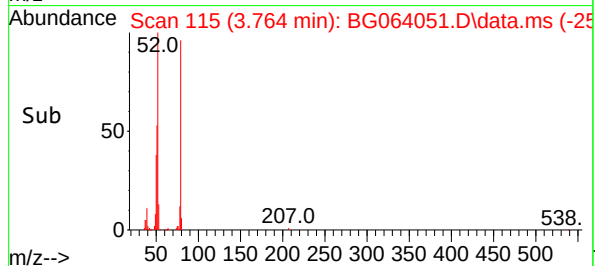
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion: 79 Resp: 15324  
Ion Ratio Lower Upper  
79 100  
52 103.8 83.0 124.6  
51 56.0 44.3 66.5

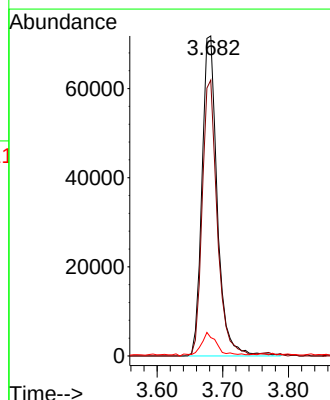
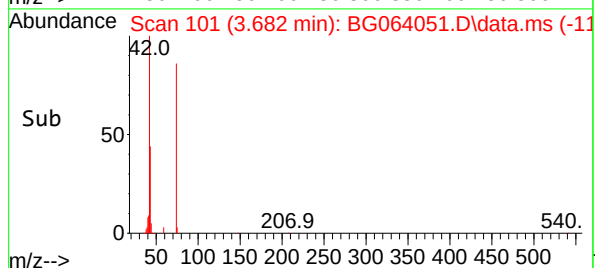
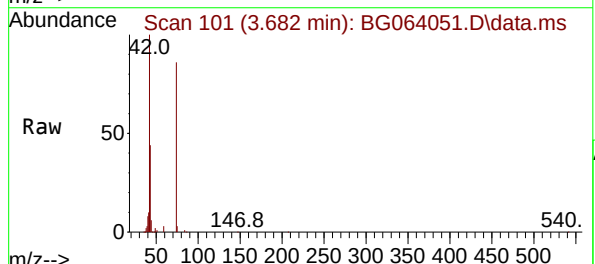
Manual Integrations  
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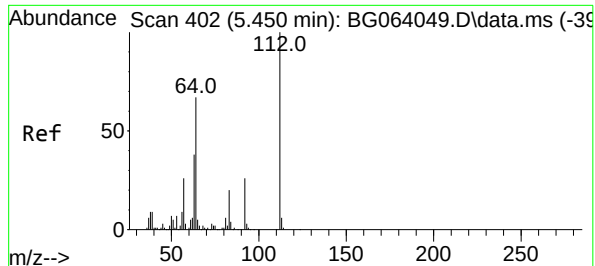
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#4  
n-Nitrosodimethylamine  
Concen: 62.293 ng  
RT: 3.682 min Scan# 101  
Delta R.T. 0.000 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

Tgt Ion: 42 Resp: 116662  
Ion Ratio Lower Upper  
42 100  
74 86.2 68.0 102.0  
44 5.7 4.9 7.3





#5

2-Fluorophenol

Concen: 123.437 ng

RT: 5.450 min Scan# 402

Delta R.T. 0.000 min

Lab File: BG064051.D

Acq: 5 Mar 2025 13:04

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

Tgt Ion:112 Resp: 29355

Ion Ratio Lower Upper

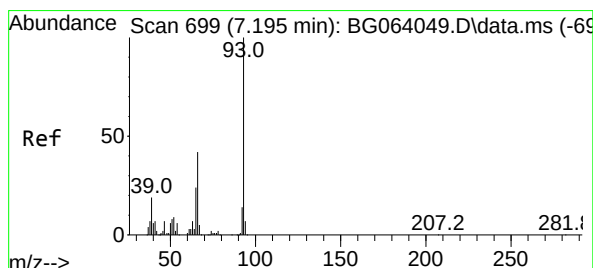
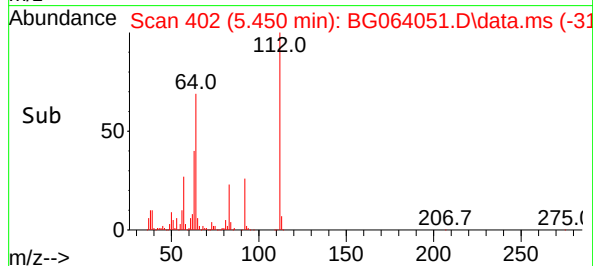
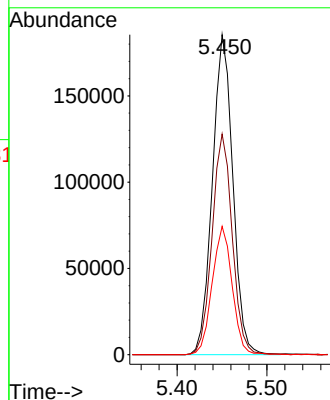
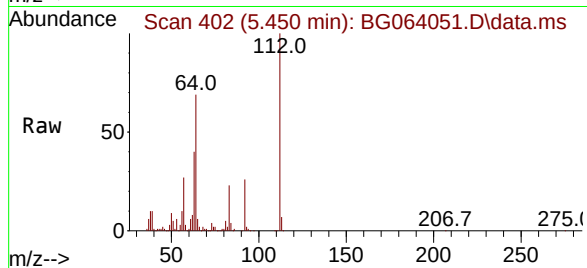
112 100

64 69.0 53.7 80.5

63 40.1 30.2 45.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

#6

Aniline

Concen: 61.338 ng

RT: 7.195 min Scan# 699

Delta R.T. 0.000 min

Lab File: BG064051.D

Acq: 5 Mar 2025 13:04

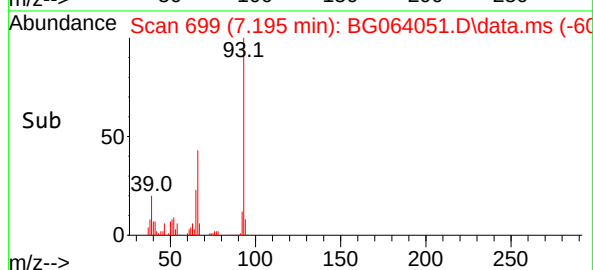
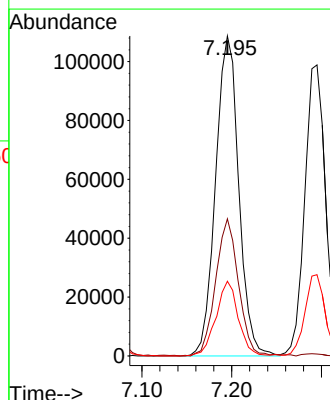
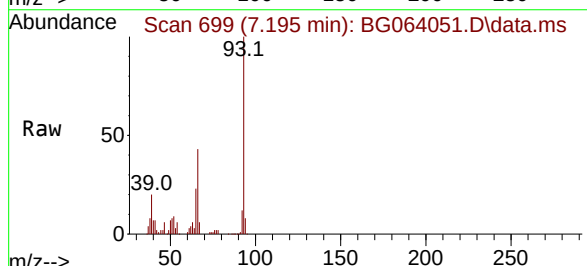
Tgt Ion: 93 Resp: 194727

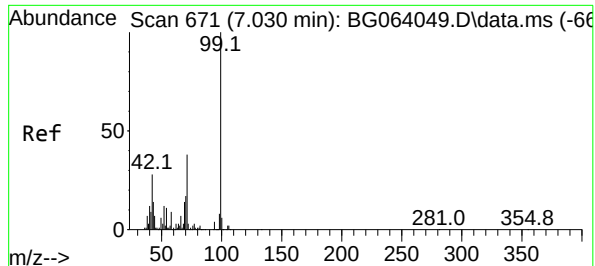
Ion Ratio Lower Upper

93 100

66 42.9 33.7 50.5

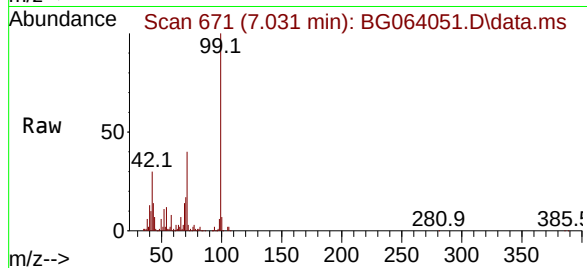
65 23.3 19.1 28.7





#7  
Phenol-d6  
Concen: 126.652 ng  
RT: 7.031 min Scan# 671  
Delta R.T. 0.000 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

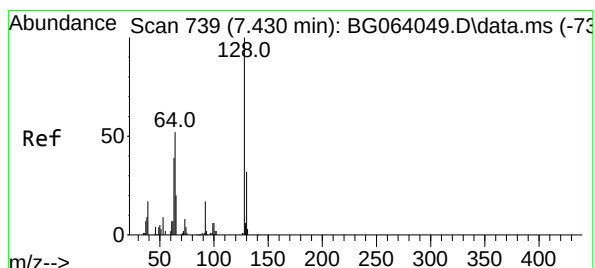
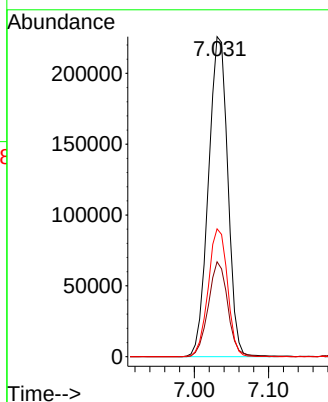
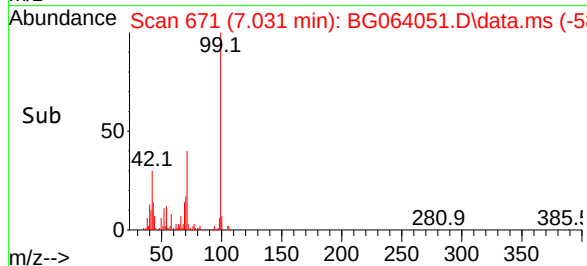
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion: 99 Resp: 409752  
Ion Ratio Lower Upper  
99 100  
42 29.6 22.7 34.1  
71 39.9 30.6 46.0

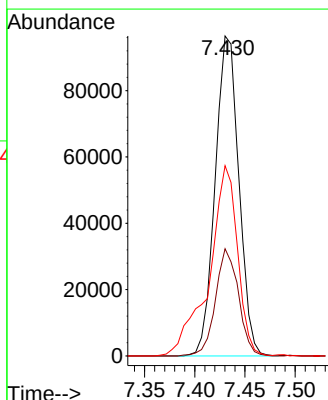
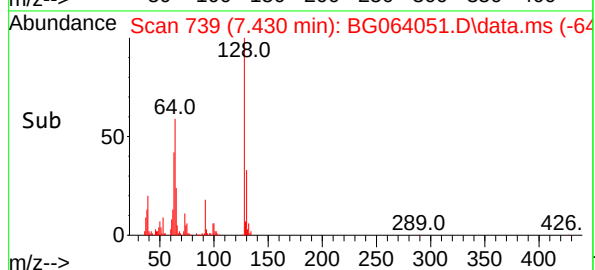
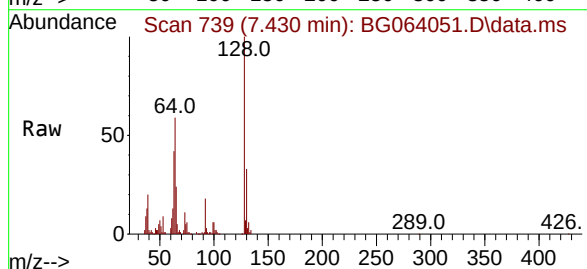
Manual Integrations  
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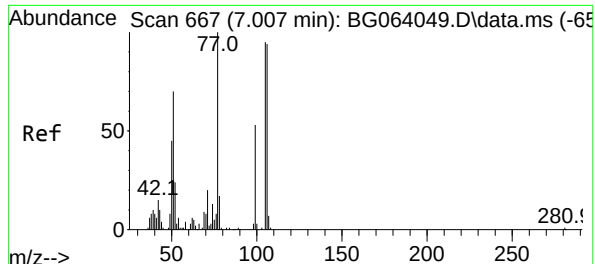
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#8  
2-Chlorophenol  
Concen: 61.917 ng  
RT: 7.430 min Scan# 739  
Delta R.T. 0.000 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

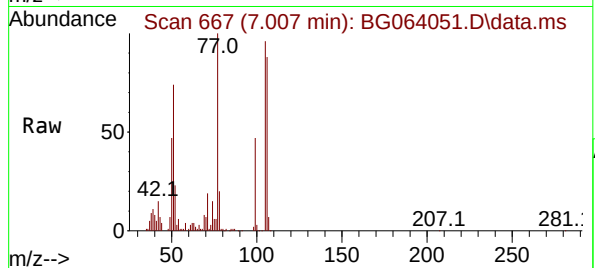
Tgt Ion:128 Resp: 158149  
Ion Ratio Lower Upper  
128 100  
130 33.5 12.3 52.3  
64 59.4 37.0 77.0





#9  
Benzaldehyde  
Concen: 50.099 ng  
RT: 7.007 min Scan# 667  
Delta R.T. 0.000 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

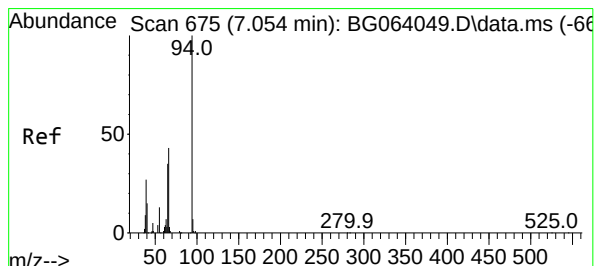
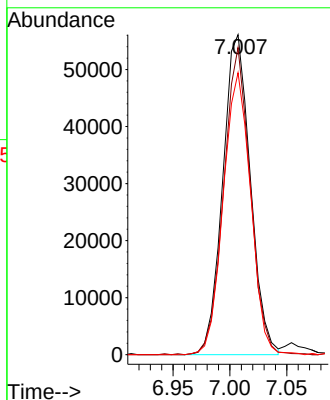
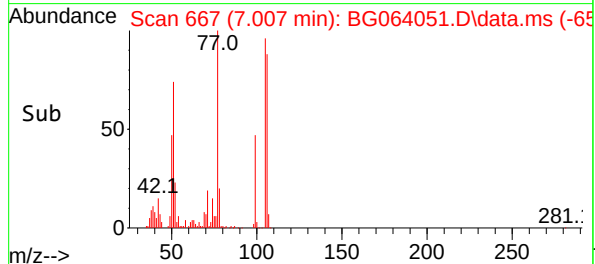
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion: 77 Resp: 9474  
Ion Ratio Lower Upper  
77 100  
105 96.0 75.5 115.5  
106 88.1 74.2 114.2

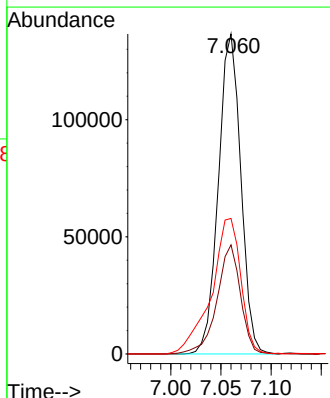
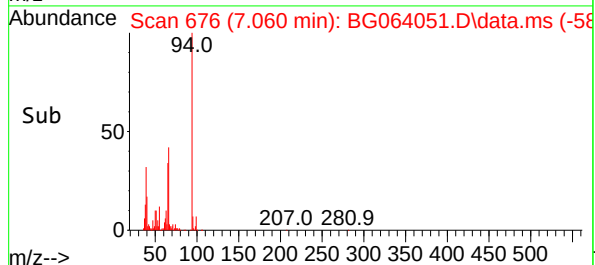
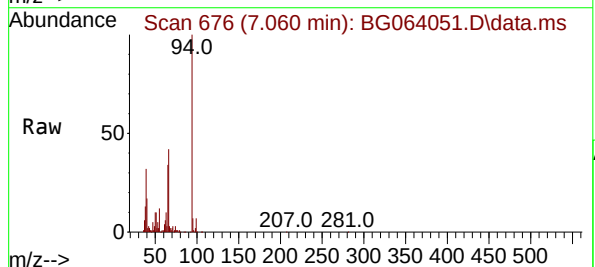
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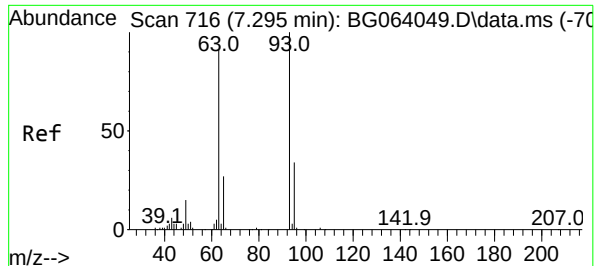
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#10  
Phenol  
Concen: 63.911 ng  
RT: 7.060 min Scan# 676  
Delta R.T. 0.006 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

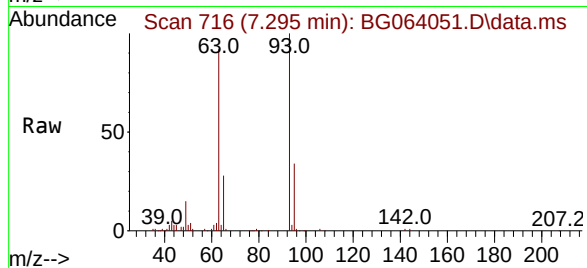
Tgt Ion: 94 Resp: 211698  
Ion Ratio Lower Upper  
94 100  
65 34.1 15.2 55.2  
66 42.3 25.1 65.1





#11  
bis(2-Chloroethyl)ether  
Concen: 60.818 ng  
RT: 7.295 min Scan# 716  
Delta R.T. 0.000 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

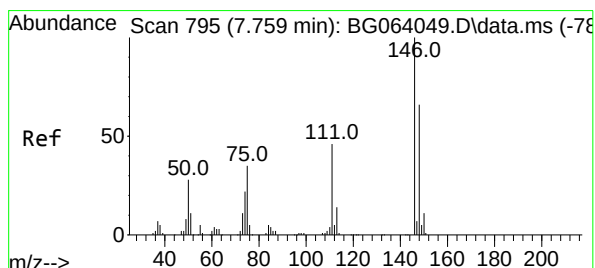
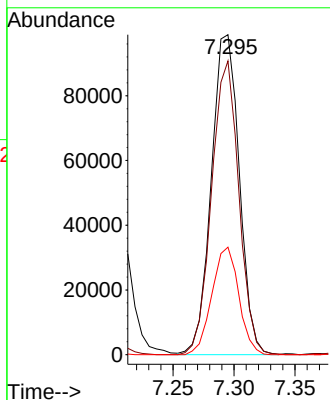
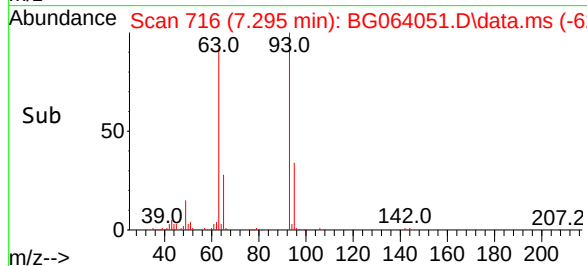
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion: 93 Resp: 15793  
Ion Ratio Lower Upper  
93 100  
63 91.8 70.0 110.0  
95 33.6 13.7 53.7

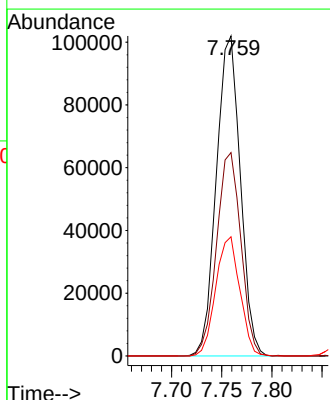
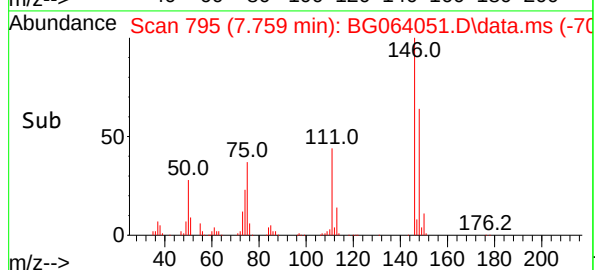
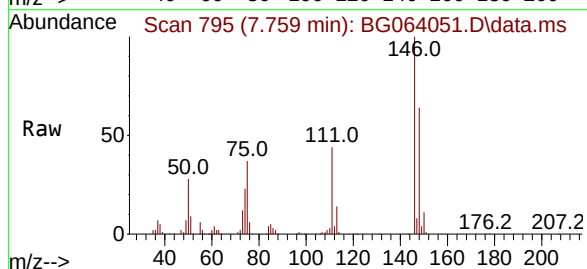
Manual Integrations  
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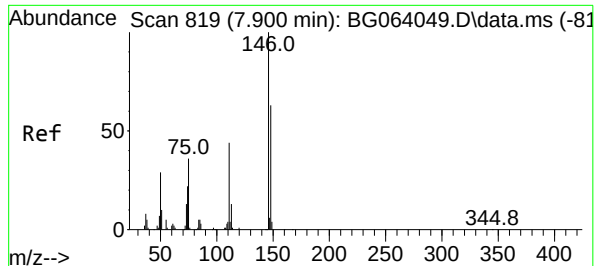
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#12  
1,3-Dichlorobenzene  
Concen: 60.337 ng  
RT: 7.759 min Scan# 795  
Delta R.T. 0.000 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

Tgt Ion:146 Resp: 169236  
Ion Ratio Lower Upper  
146 100  
148 63.6 52.6 78.8  
75 37.2 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 59.524 ng

RT: 7.900 min Scan# 819

Delta R.T. 0.000 min

Lab File: BG064051.D

Acq: 5 Mar 2025 13:04

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

Tgt Ion:146 Resp: 171129

Ion Ratio Lower Upper

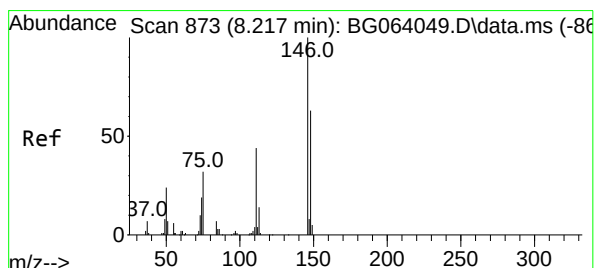
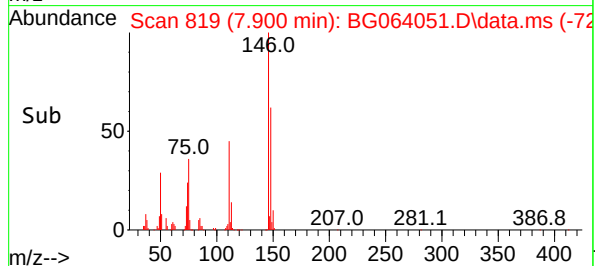
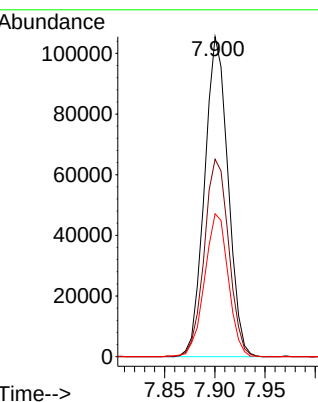
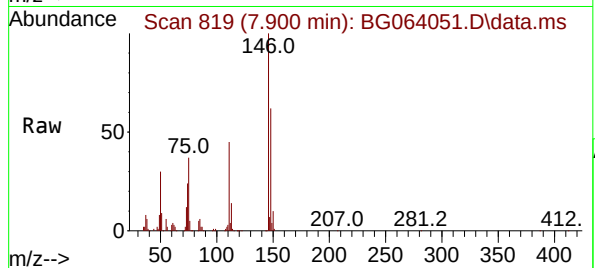
146 100

148 61.7 50.6 75.8

111 44.7 35.1 52.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

#14

1,2-Dichlorobenzene

Concen: 61.300 ng

RT: 8.217 min Scan# 873

Delta R.T. 0.000 min

Lab File: BG064051.D

Acq: 5 Mar 2025 13:04

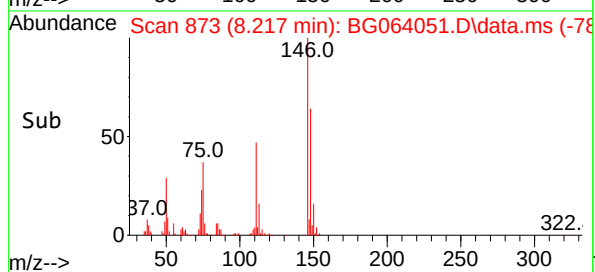
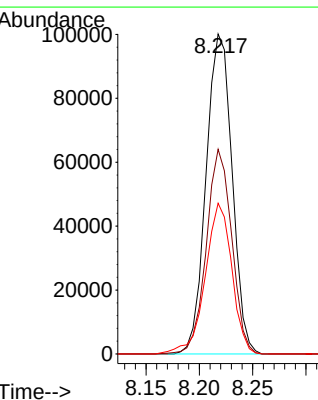
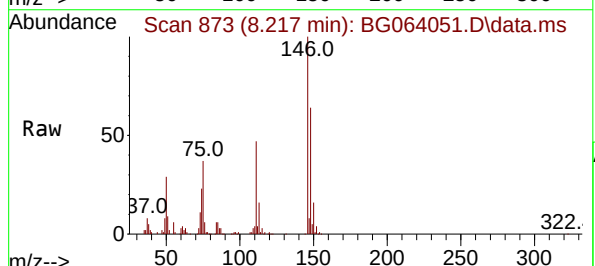
Tgt Ion:146 Resp: 169937

Ion Ratio Lower Upper

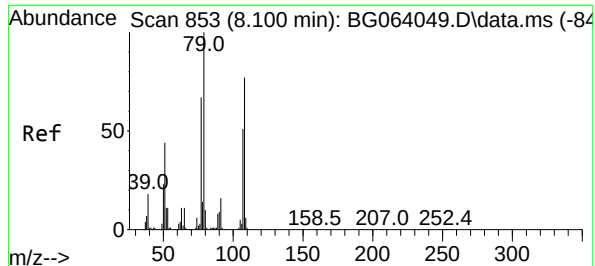
146 100

148 64.0 50.2 75.2

111 47.1 36.4 54.6

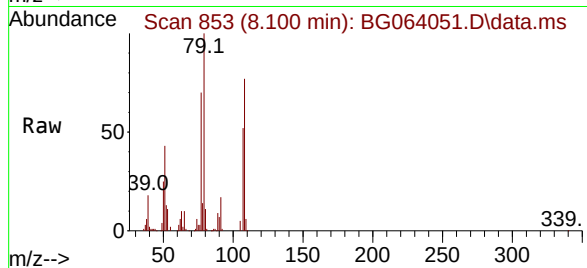






#15  
Benzyl Alcohol  
Concen: 65.368 ng  
RT: 8.100 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

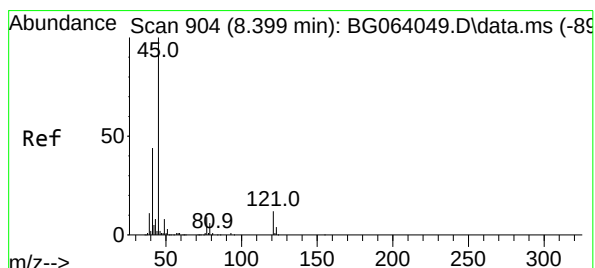
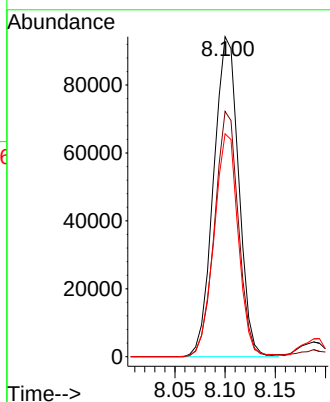
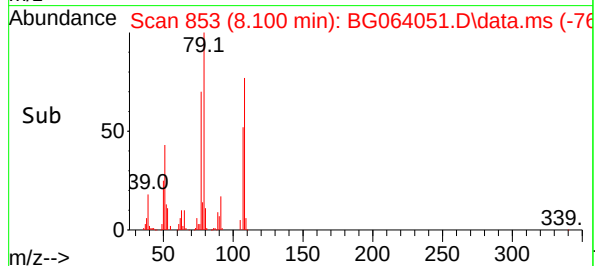
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion: 79 Resp: 16342  
Ion Ratio Lower Upper  
79 100  
108 76.7 61.7 92.5  
77 69.6 53.9 80.9

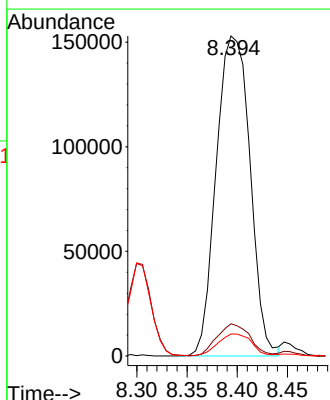
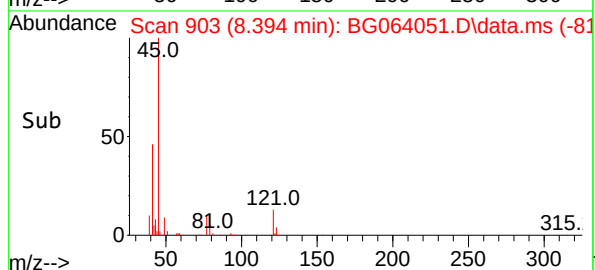
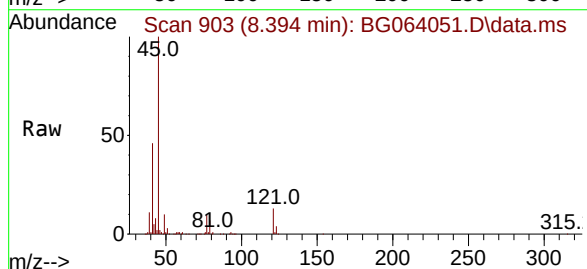
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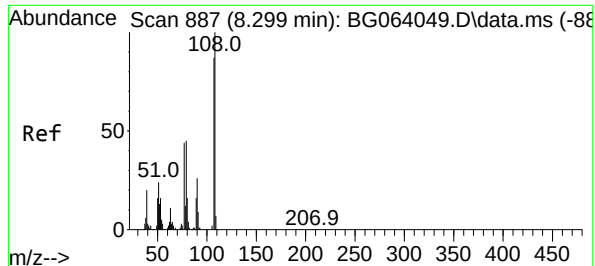
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 61.396 ng  
RT: 8.394 min Scan# 903  
Delta R.T. -0.006 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

Tgt Ion: 45 Resp: 358503  
Ion Ratio Lower Upper  
45 100  
77 10.0 0.0 29.0  
79 6.8 0.0 26.6





#17

2-Methylphenol

Concen: 64.317 ng

RT: 8.300 min Scan# 887

Delta R.T. 0.000 min

Lab File: BG064051.D

Acq: 5 Mar 2025 13:04

Instrument :

BNA\_G

ClientSampleId :

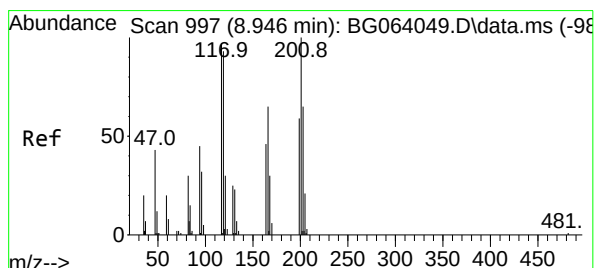
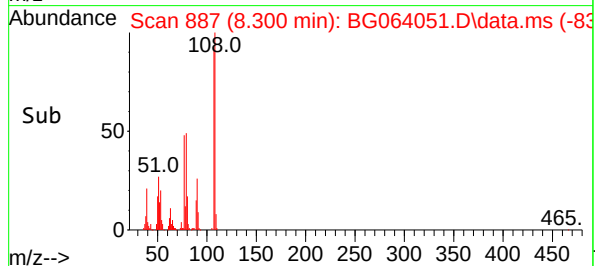
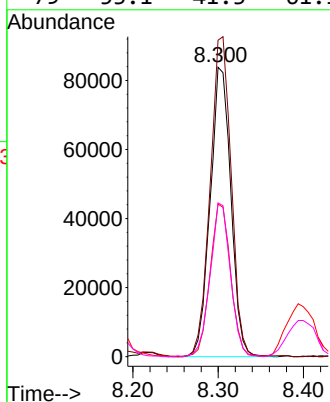
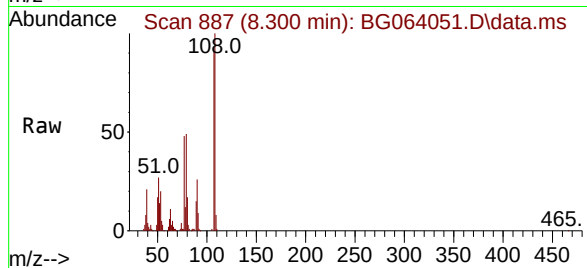
SSTDICC060

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 141394 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 109.3 | 92.5  | 138.7  |
| 77       | 52.7  | 40.5  | 60.7   |
| 79       | 53.1  | 41.3  | 61.9   |

## Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#18

Hexachloroethane

Concen: 64.389 ng

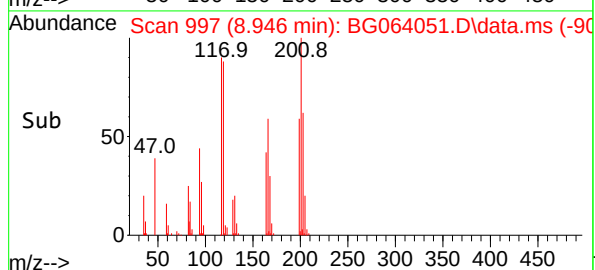
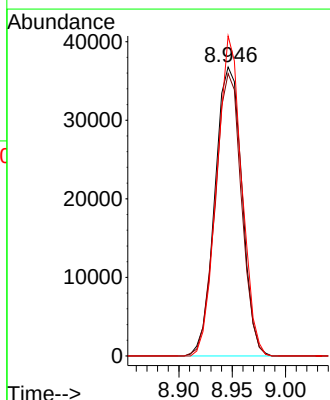
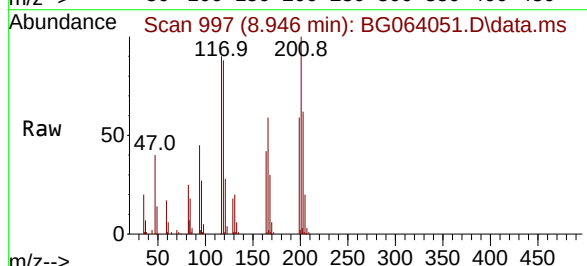
RT: 8.946 min Scan# 997

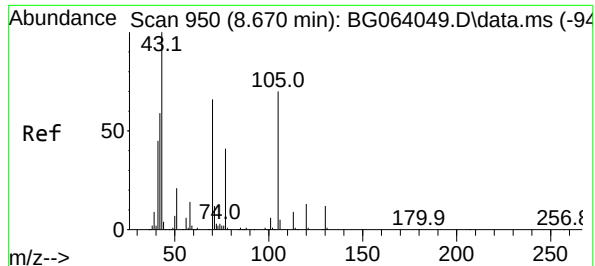
Delta R.T. 0.000 min

Lab File: BG064051.D

Acq: 5 Mar 2025 13:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 64767 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 97.7  | 76.2  | 114.2 |
| 201      | 110.7 | 81.5  | 122.3 |





#19

n-Nitroso-di-n-propylamine

Concen: 64.871 ng

RT: 8.676 min Scan# 91

Delta R.T. 0.006 min

Lab File: BG064051.D

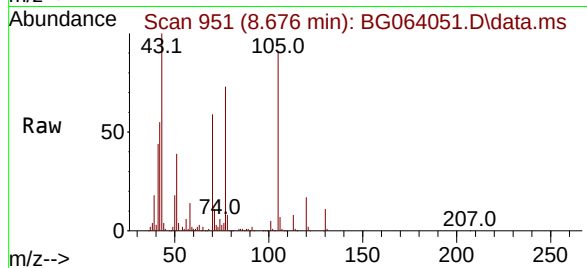
Acq: 5 Mar 2025 13:04

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060



Tgt Ion: 70 Resp: 14729

Ion Ratio Lower Upper

70 100

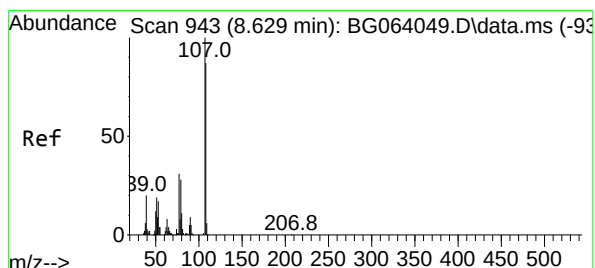
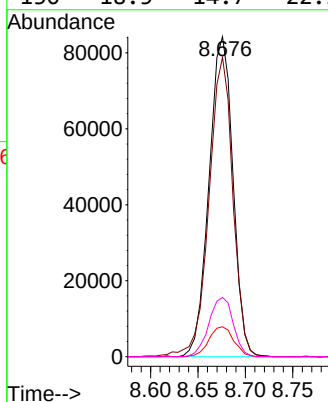
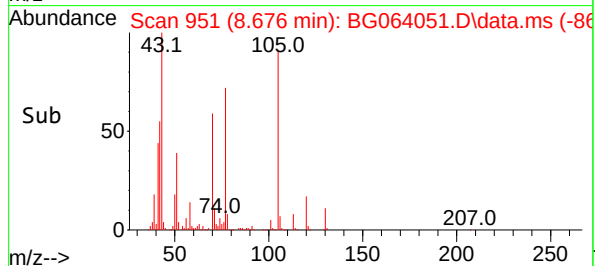
42 93.5 72.1 108.1

101 9.4 7.2 10.8

130 18.5 14.7 22.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

#20

3+4-Methylphenols

Concen: 66.409 ng

RT: 8.635 min Scan# 944

Delta R.T. 0.006 min

Lab File: BG064051.D

Acq: 5 Mar 2025 13:04

Tgt Ion:107 Resp: 200990

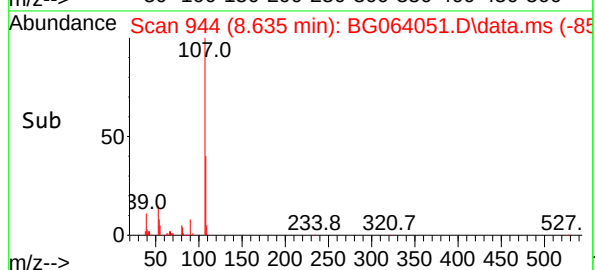
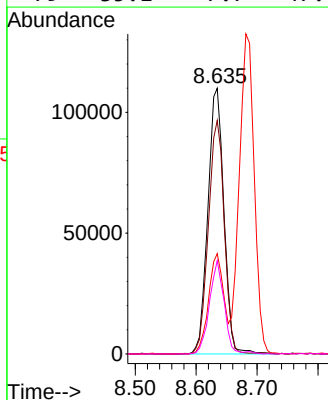
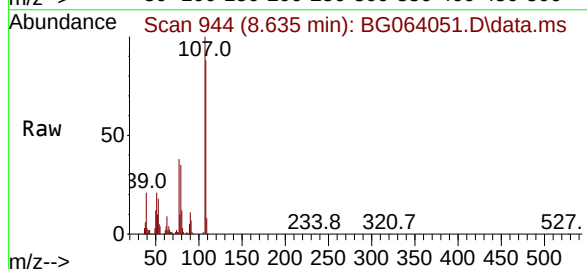
Ion Ratio Lower Upper

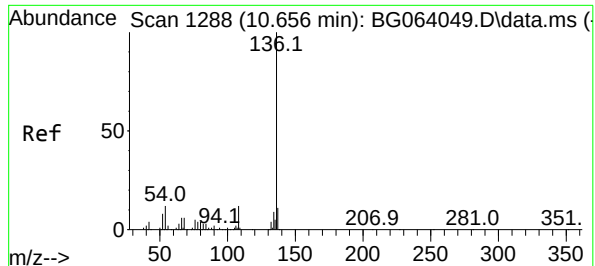
107 100

108 87.8 67.0 107.0

77 37.8 11.2 51.2

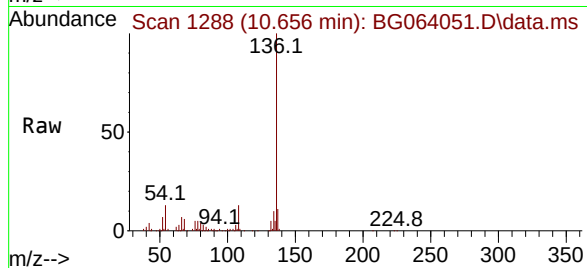
79 35.1 7.7 47.7





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.656 min Scan# 1288  
Delta R.T. -0.000 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

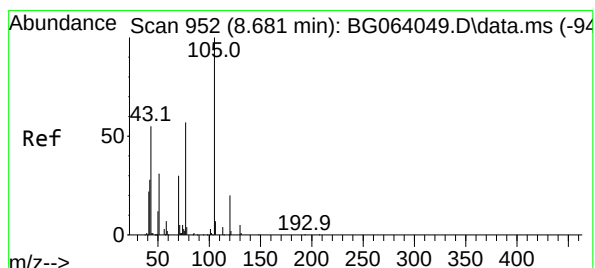
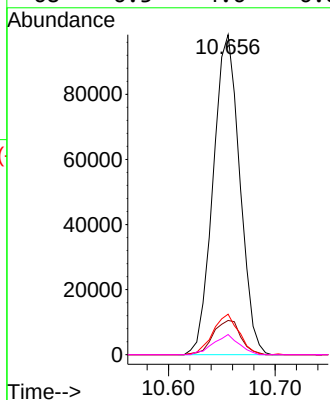
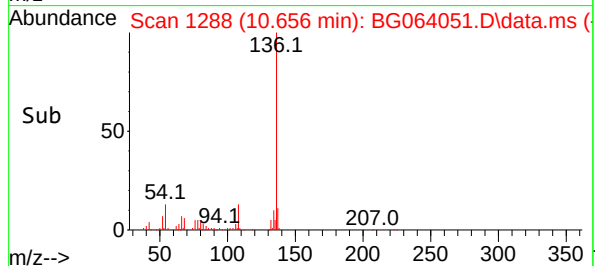
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:136 Resp: 170133  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.5 12.7  
54 12.6 9.9 14.9  
68 6.3 4.6 6.8

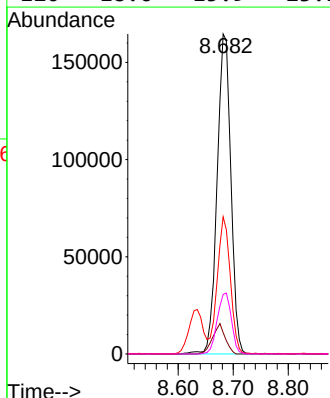
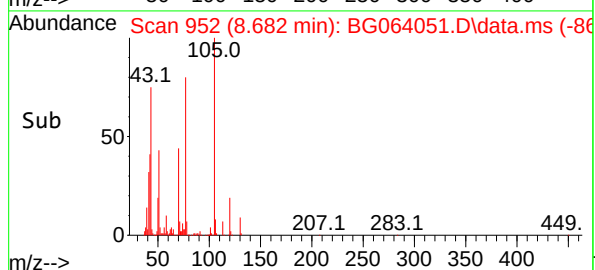
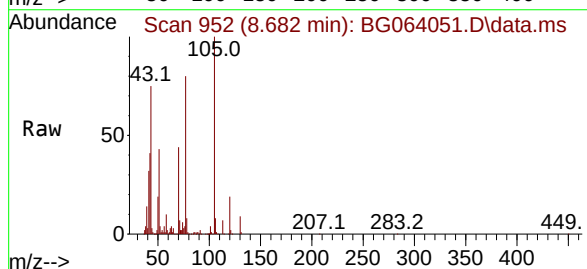
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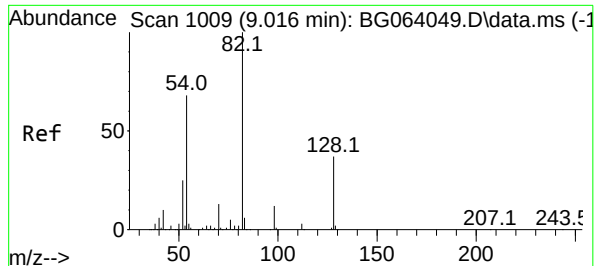
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#22  
Acetophenone  
Concen: 61.365 ng  
RT: 8.682 min Scan# 952  
Delta R.T. 0.000 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

Tgt Ion:105 Resp: 286250  
Ion Ratio Lower Upper  
105 100  
71 6.7 4.2 6.4#  
51 42.8 33.3 49.9  
120 18.6 15.9 23.9





#23

Nitrobenzene-d5

Concen: 132.600 ng

RT: 9.022 min Scan# 1010

Delta R.T. 0.006 min

Lab File: BG064051.D

Acq: 5 Mar 2025 13:04

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 40823

Ion Ratio Lower Upper

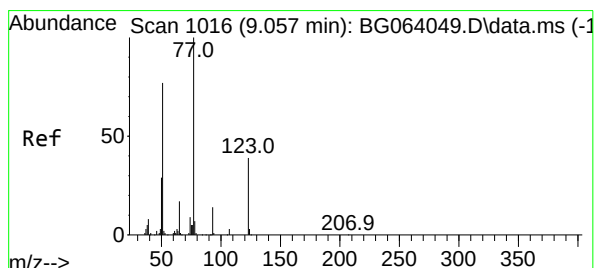
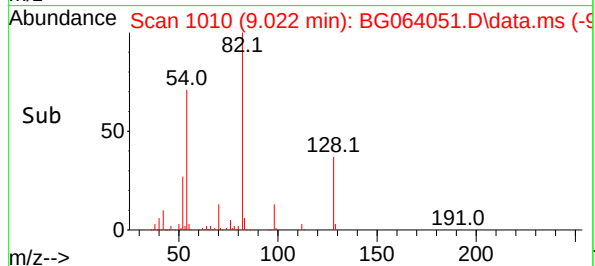
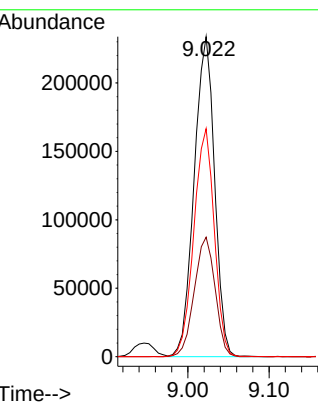
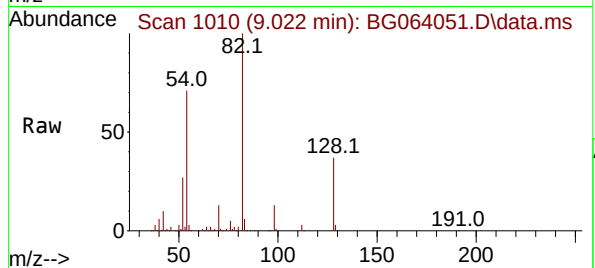
82 100

128 37.4 30.0 45.0

54 71.2 54.7 82.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

#24

Nitrobenzene

Concen: 65.613 ng

RT: 9.064 min Scan# 1017

Delta R.T. 0.006 min

Lab File: BG064051.D

Acq: 5 Mar 2025 13:04

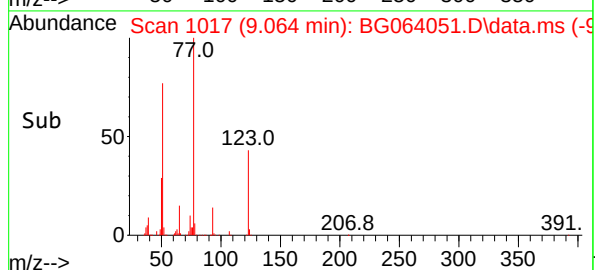
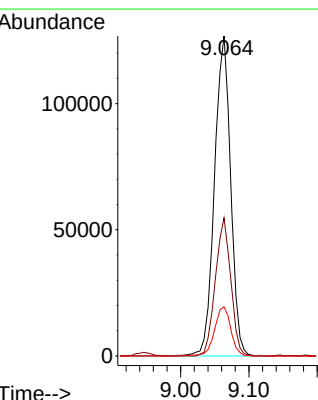
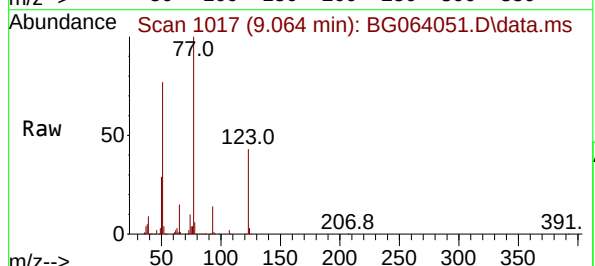
Tgt Ion: 77 Resp: 208758

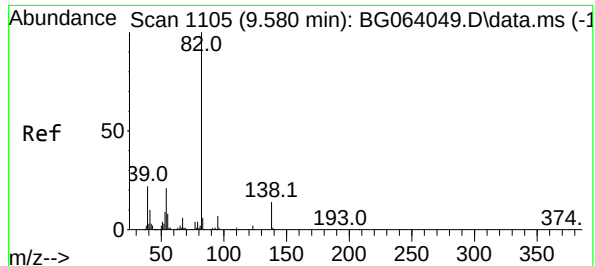
Ion Ratio Lower Upper

77 100

123 43.2 31.4 47.2

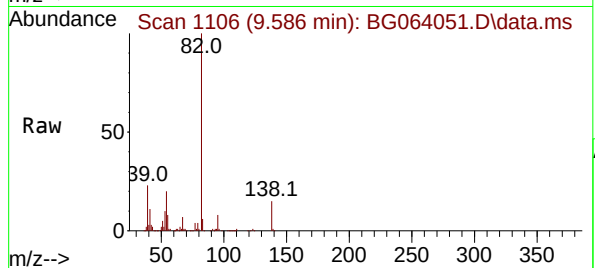
65 15.4 13.4 20.0





#25  
Isophorone  
Concen: 62.743 ng  
RT: 9.586 min Scan# 1105  
Delta R.T. 0.006 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

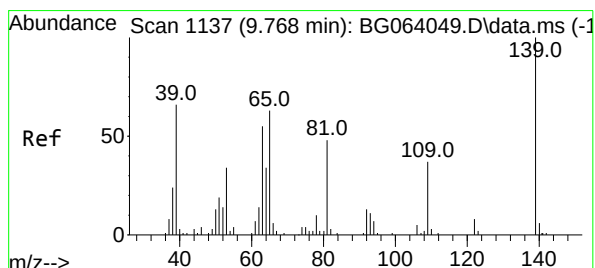
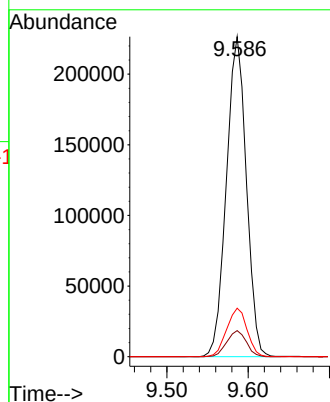
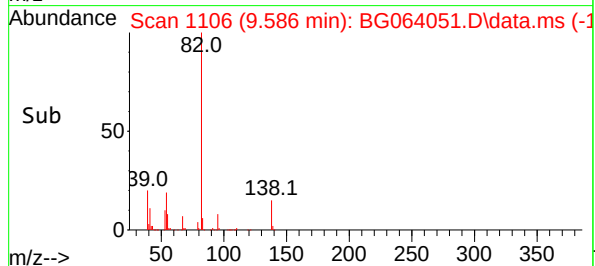
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion: 82 Resp: 38662  
Ion Ratio Lower Upper  
82 100  
95 8.2 5.8 8.8  
138 15.2 10.9 16.3

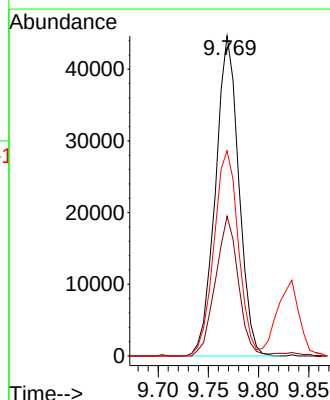
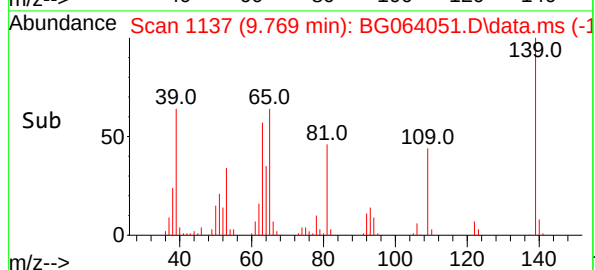
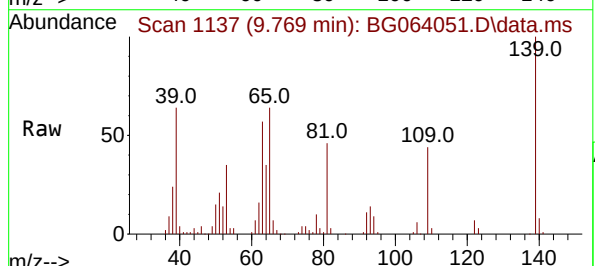
Manual Integrations  
APPROVED

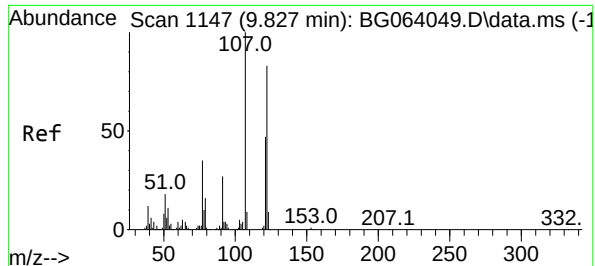
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#26  
2-Nitrophenol  
Concen: 61.605 ng  
RT: 9.769 min Scan# 1137  
Delta R.T. 0.001 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

Tgt Ion:139 Resp: 72153  
Ion Ratio Lower Upper  
139 100  
109 43.6 29.9 44.9  
65 64.1 50.6 76.0





#27

2,4-Dimethylphenol

Concen: 66.054 ng

RT: 9.827 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BG064051.D

Acq: 5 Mar 2025 13:04

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

Tgt Ion:122 Resp: 12202

Ion Ratio Lower Upper

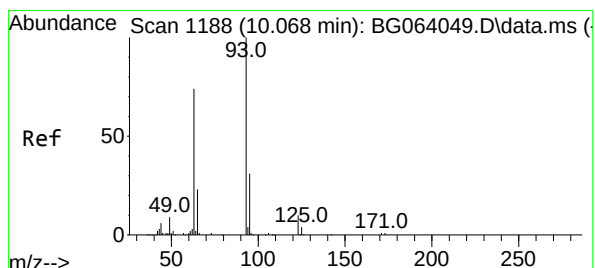
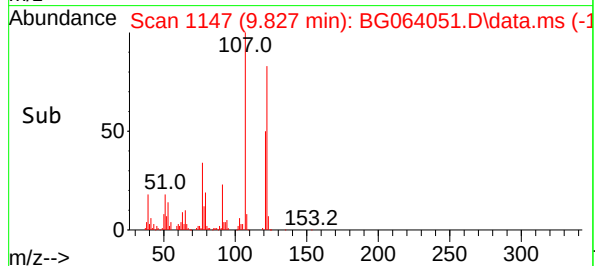
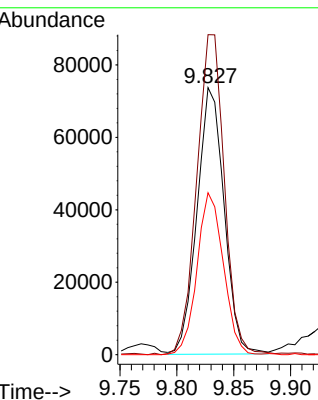
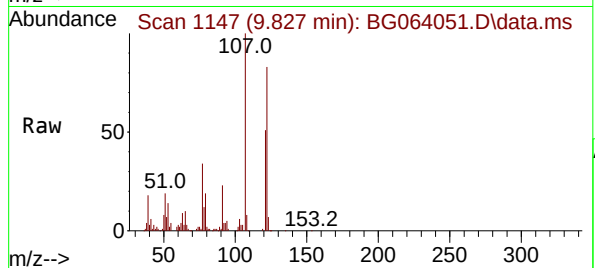
122 100

107 119.8 95.4 143.0

121 60.6 44.9 67.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

#28

bis(2-Chloroethoxy)methane

Concen: 61.387 ng

RT: 10.068 min Scan# 1188

Delta R.T. 0.000 min

Lab File: BG064051.D

Acq: 5 Mar 2025 13:04

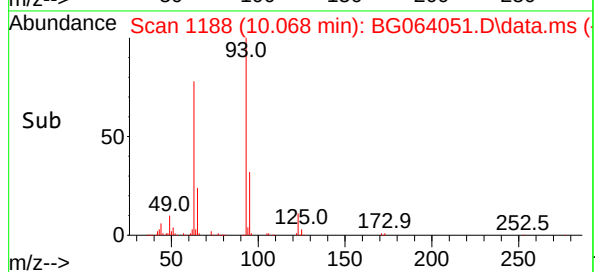
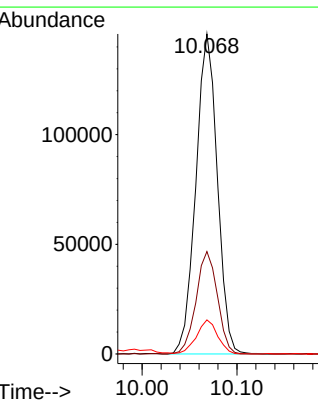
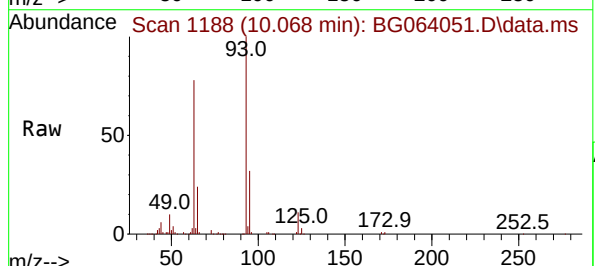
Tgt Ion: 93 Resp: 229336

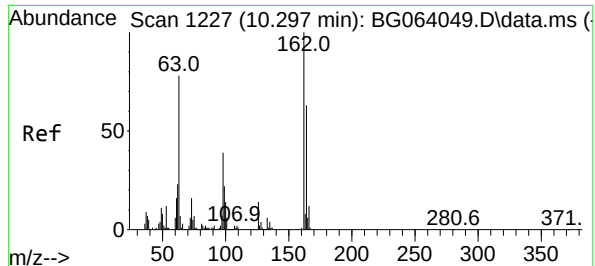
Ion Ratio Lower Upper

93 100

95 32.0 25.0 37.4

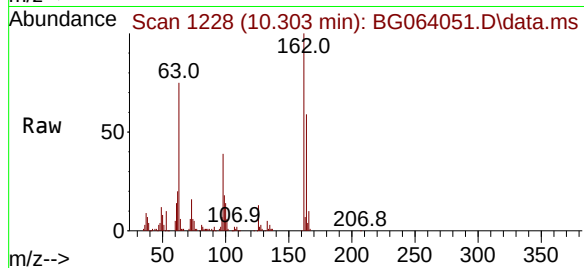
123 10.6 7.6 11.4





#29  
2,4-Dichlorophenol  
Concen: 65.920 ng  
RT: 10.303 min Scan# 1228  
Delta R.T. 0.006 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

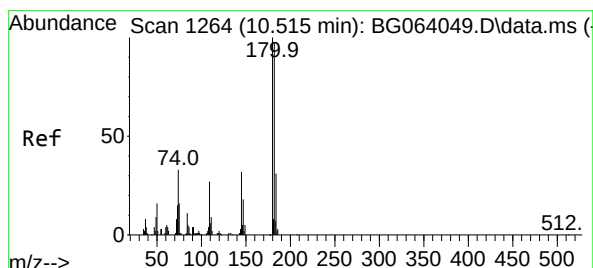
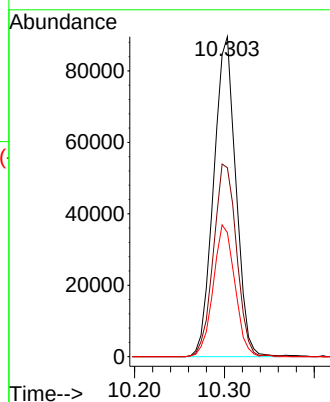
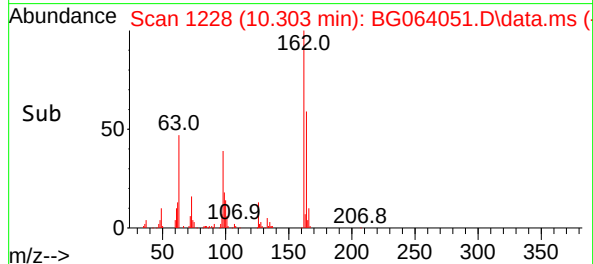
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:162 Resp: 153760  
Ion Ratio Lower Upper  
162 100  
164 59.0 42.8 82.8  
98 38.7 19.1 59.1

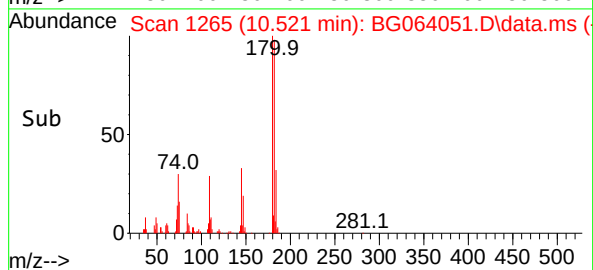
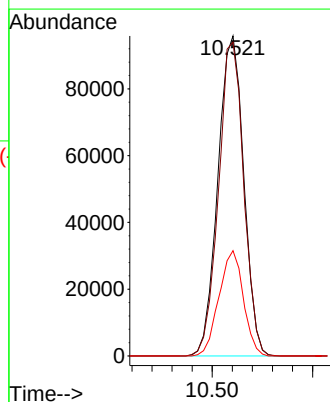
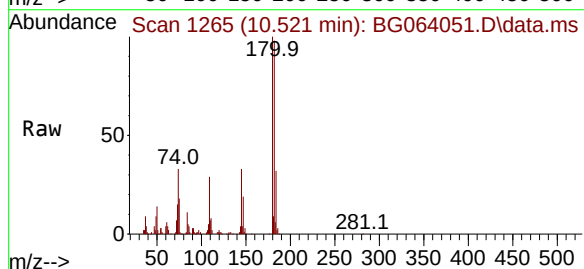
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

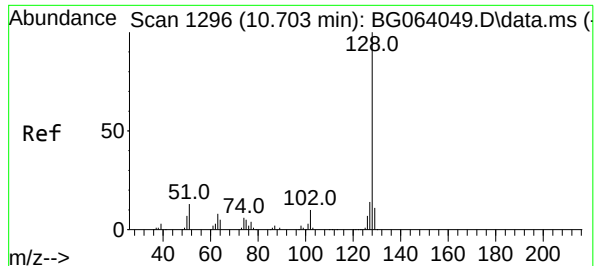


#30  
1,2,4-Trichlorobenzene  
Concen: 60.677 ng  
RT: 10.521 min Scan# 1265  
Delta R.T. 0.006 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

Tgt Ion:180 Resp: 170860  
Ion Ratio Lower Upper  
180 100  
182 98.1 77.3 115.9  
145 32.9 25.2 37.8

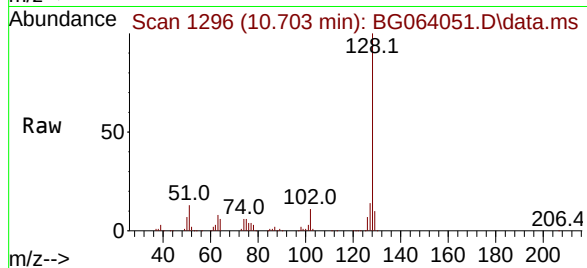






#31  
Naphthalene  
Concen: 61.037 ng  
RT: 10.703 min Scan# 1176  
Delta R.T. 0.000 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

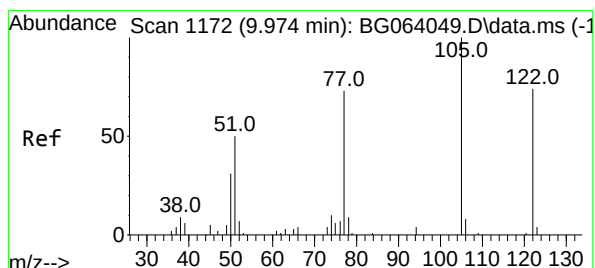
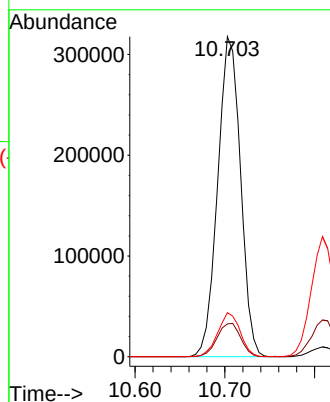
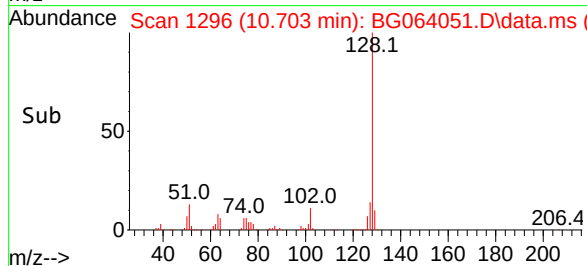
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:128 Resp: 559954  
Ion Ratio Lower Upper  
128 100  
129 10.2 8.4 12.6  
127 13.7 11.1 16.7

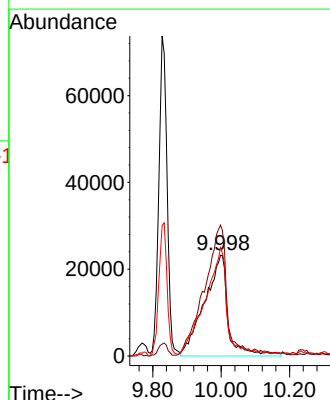
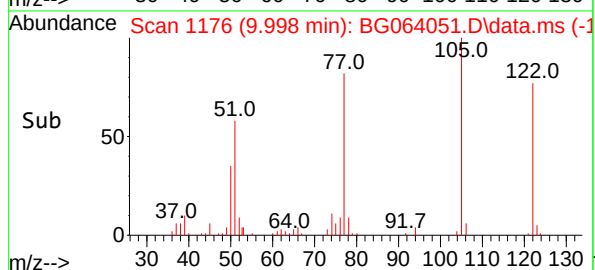
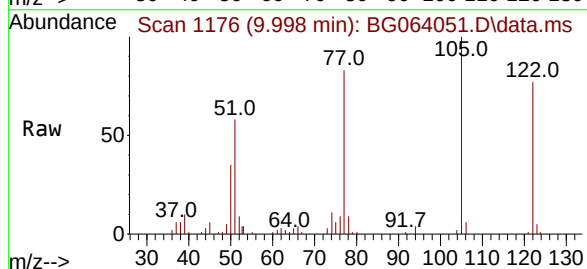
Manual Integrations  
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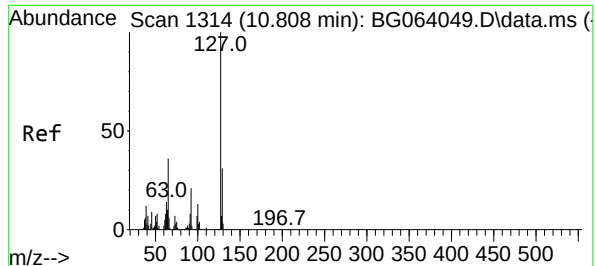
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#32  
Benzoic acid  
Concen: 62.274 ng m  
RT: 9.998 min Scan# 1176  
Delta R.T. 0.024 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

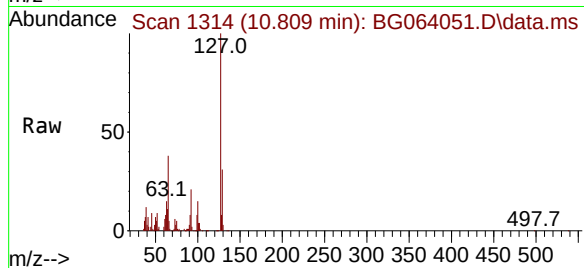
Tgt Ion:122 Resp: 110878  
Ion Ratio Lower Upper  
122 100  
105 130.0 115.0 155.0  
77 107.8 80.9 120.9





#33  
4-Chloroaniline  
Concen: 63.850 ng  
RT: 10.809 min Scan# 1314  
Delta R.T. 0.000 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

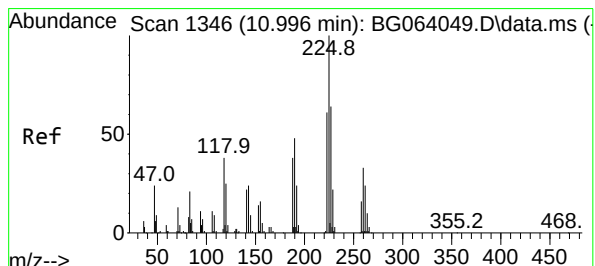
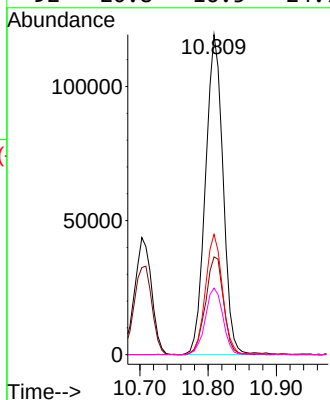
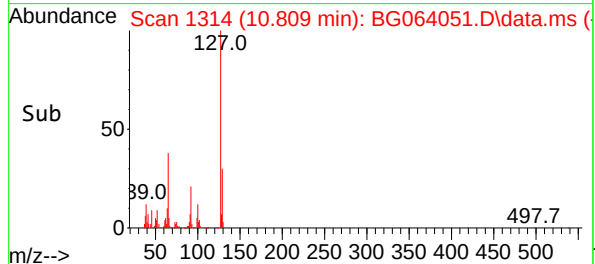
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:127 Resp: 21409  
Ion Ratio Lower Upper  
127 100  
129 30.5 25.0 37.4  
65 37.6 28.5 42.7  
92 20.8 16.5 24.7

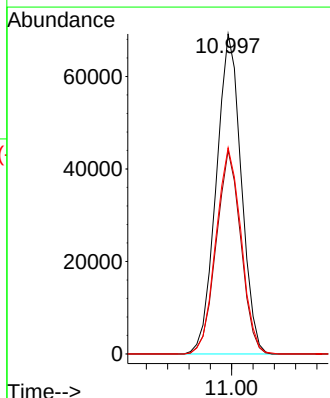
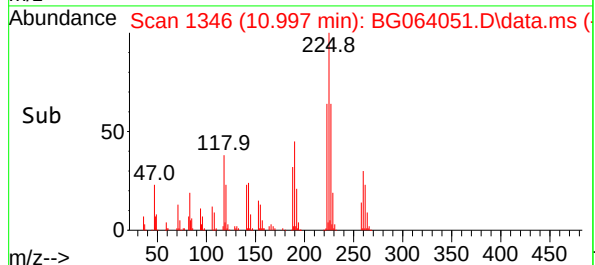
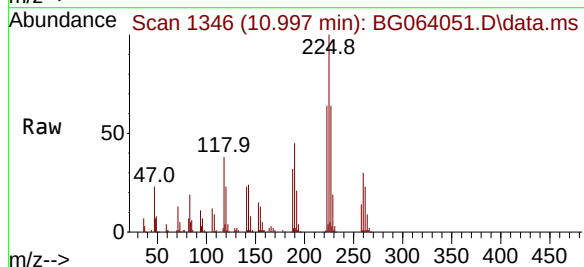
Manual Integrations  
APPROVED

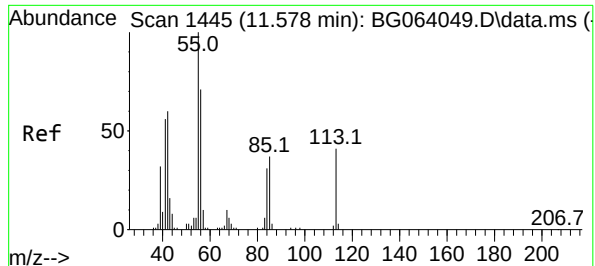
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#34  
Hexachlorobutadiene  
Concen: 60.903 ng  
RT: 10.997 min Scan# 1346  
Delta R.T. 0.000 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

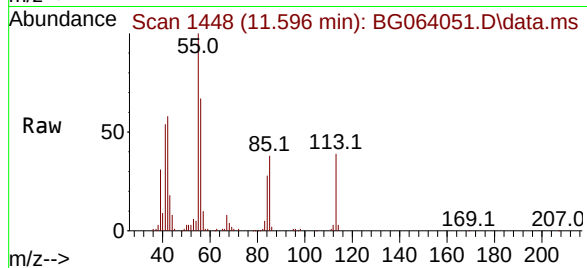
Tgt Ion:225 Resp: 112408  
Ion Ratio Lower Upper  
225 100  
223 63.6 48.5 72.7  
227 64.5 51.0 76.6





#35  
Caprolactam  
Concen: 64.020 ng  
RT: 11.596 min Scan# 1445  
Delta R.T. 0.018 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

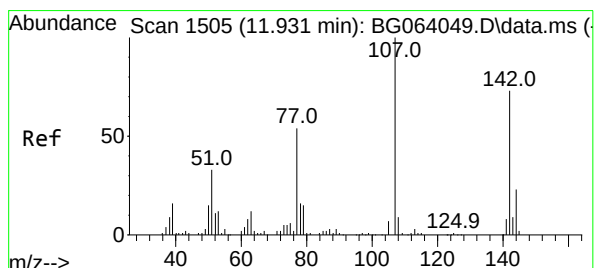
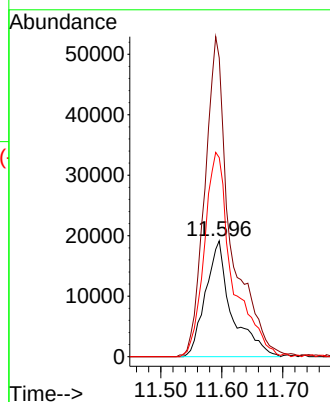
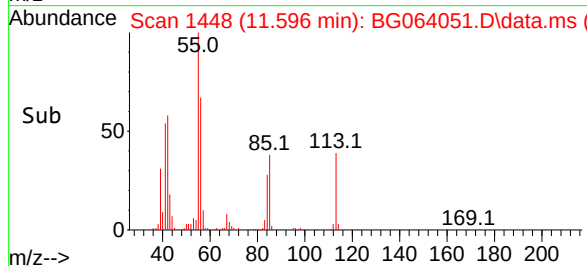
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:113 Resp: 5722  
Ion Ratio Lower Upper  
113 100  
55 257.6 225.2 265.2  
56 171.7 153.4 193.4

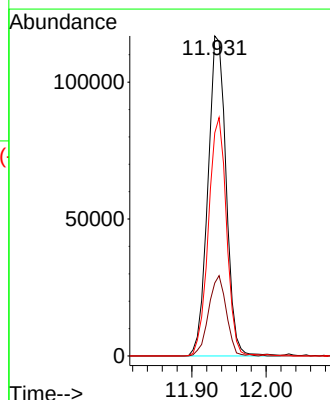
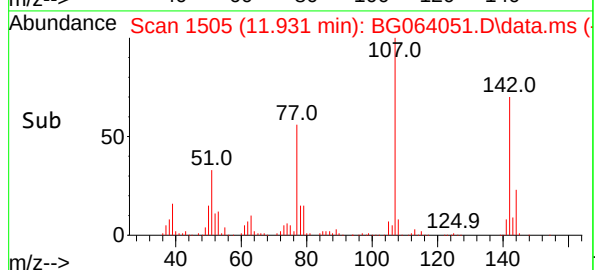
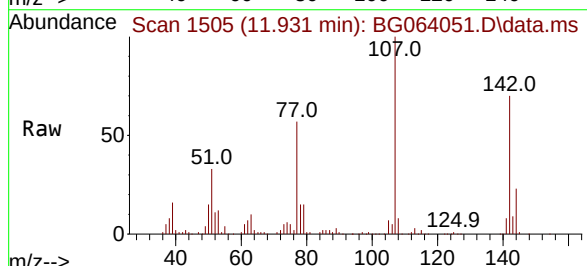
Manual Integrations  
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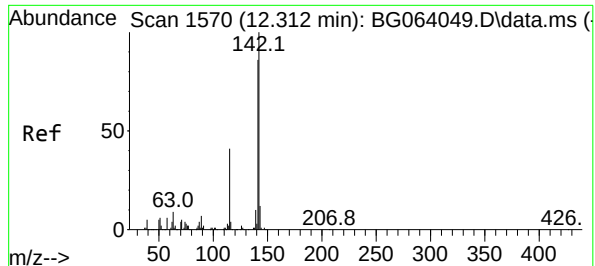
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#36  
4-Chloro-3-methylphenol  
Concen: 65.149 ng  
RT: 11.931 min Scan# 1505  
Delta R.T. 0.000 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

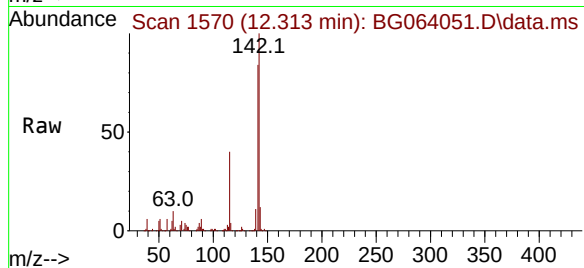
Tgt Ion:107 Resp: 199201  
Ion Ratio Lower Upper  
107 100  
144 22.8 18.6 28.0  
142 69.7 58.0 87.0





#37  
2-Methylnaphthalene  
Concen: 61.379 ng  
RT: 12.313 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

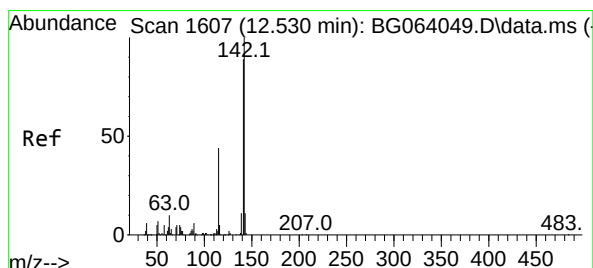
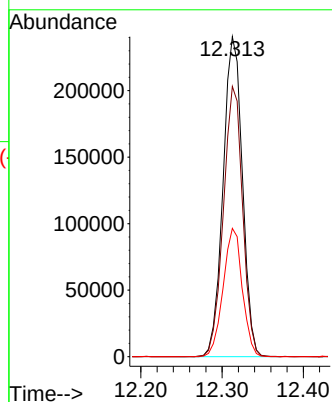
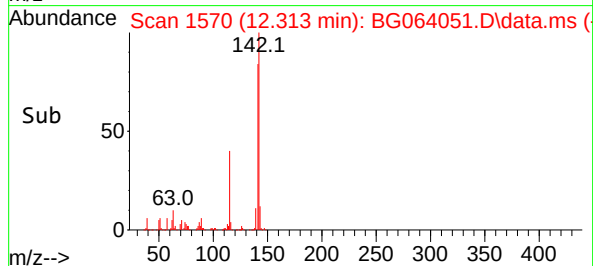
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:142 Resp: 397524  
Ion Ratio Lower Upper  
142 100  
141 84.5 68.6 103.0  
115 40.1 32.8 49.2

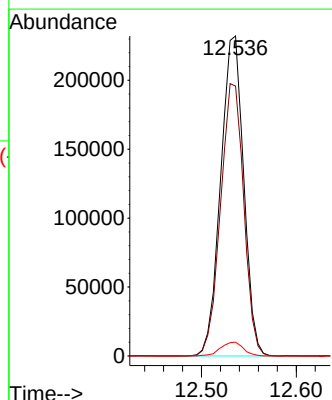
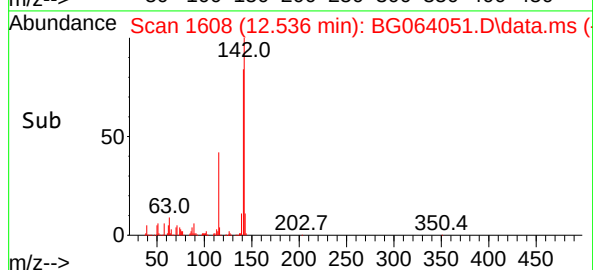
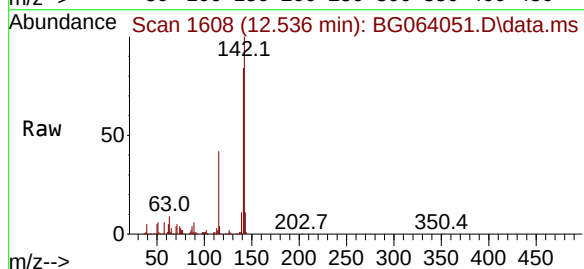
Manual Integrations  
APPROVED

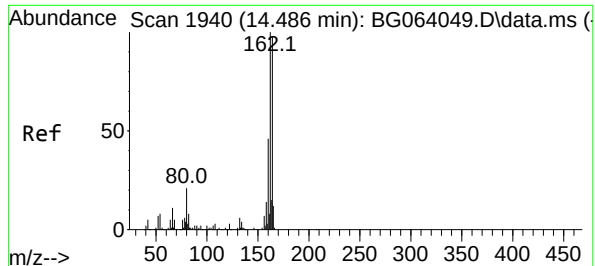
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#38  
1-Methylnaphthalene  
Concen: 61.745 ng  
RT: 12.536 min Scan# 1608  
Delta R.T. 0.006 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

Tgt Ion:142 Resp: 391774  
Ion Ratio Lower Upper  
142 100  
141 84.3 71.2 106.8  
116 4.3 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.492 min Scan# 1941

Delta R.T. 0.006 min

Lab File: BG064051.D

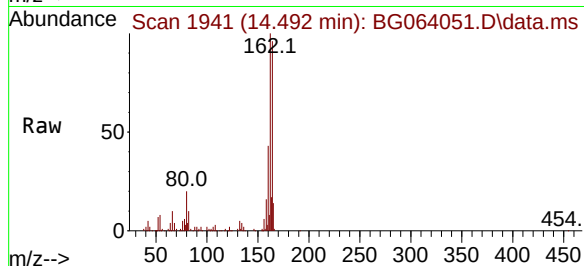
Acq: 5 Mar 2025 13:04

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060



Tgt Ion:164 Resp: 12050

Ion Ratio Lower Upper

164 100

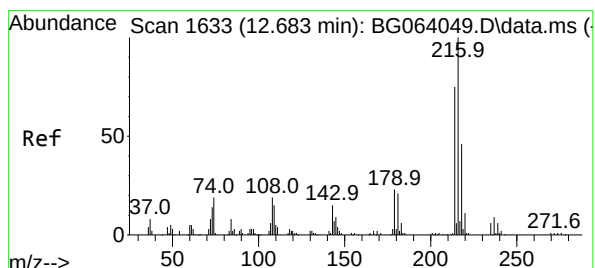
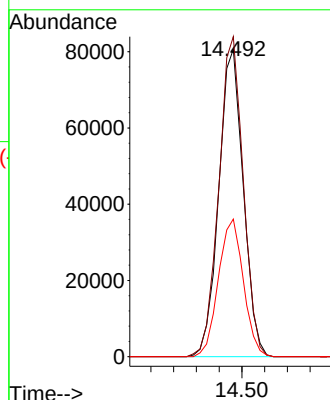
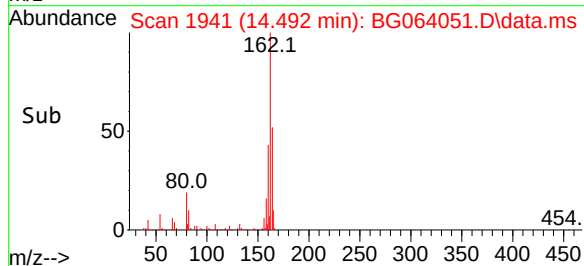
162 104.0 81.4 122.0

160 44.7 37.0 55.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
 Supervised By :mohammad ahmed 03/07/2025



#40

1,2,4,5-Tetrachlorobenzene

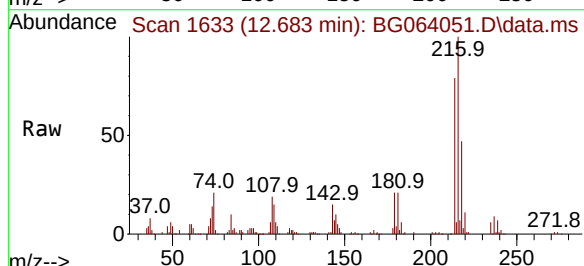
Concen: 59.063 ng

RT: 12.683 min Scan# 1633

Delta R.T. 0.000 min

Lab File: BG064051.D

Acq: 5 Mar 2025 13:04



Tgt Ion:216 Resp: 203188

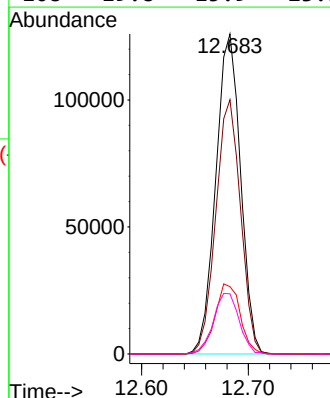
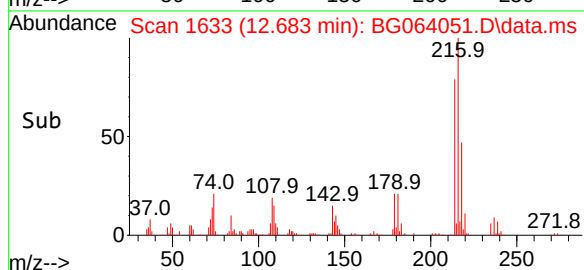
Ion Ratio Lower Upper

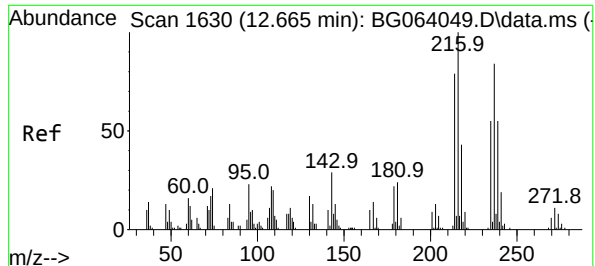
216 100

214 79.3 61.7 92.5

179 22.3 17.9 26.9

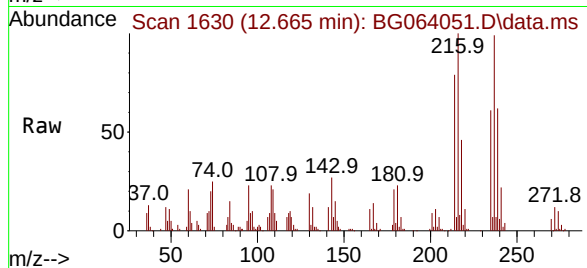
108 19.8 15.9 23.9





#41  
Hexachlorocyclopentadiene  
Concen: 67.203 ng  
RT: 12.665 min Scan# 1630  
Delta R.T. 0.000 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

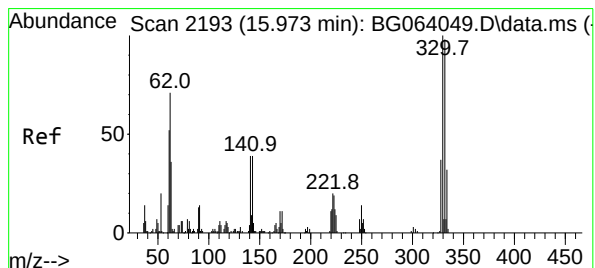
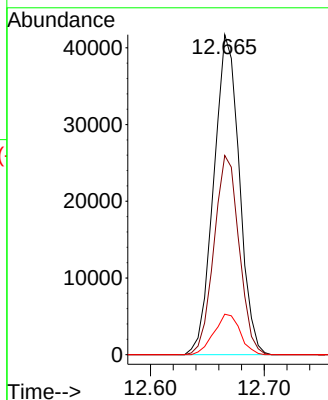
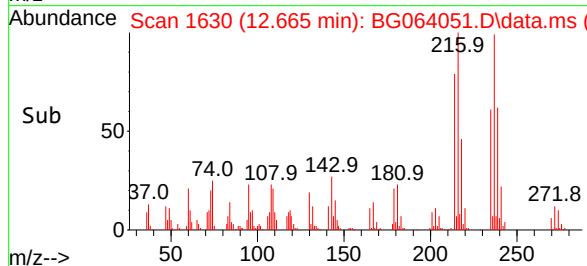
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:237 Resp: 65070  
Ion Ratio Lower Upper  
237 100  
235 62.2 46.0 86.0  
272 12.7 0.0 32.8

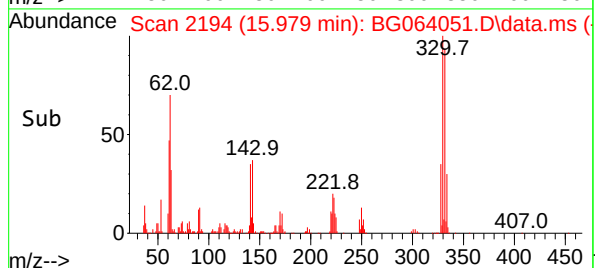
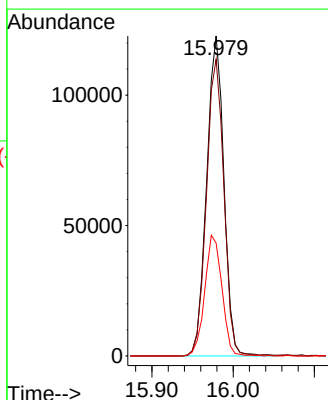
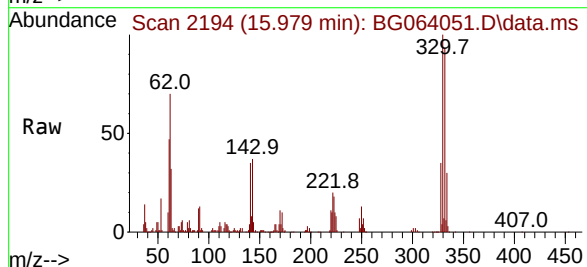
Manual Integrations  
APPROVED

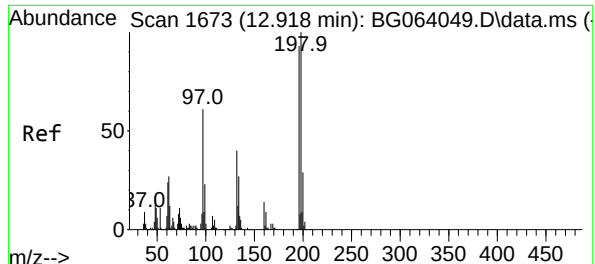
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#42  
2,4,6-Tribromophenol  
Concen: 134.808 ng  
RT: 15.979 min Scan# 2194  
Delta R.T. 0.006 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

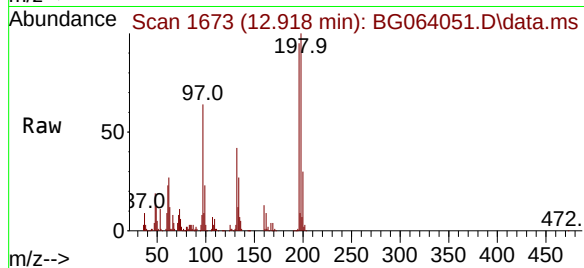
Tgt Ion:330 Resp: 180569  
Ion Ratio Lower Upper  
330 100  
332 93.7 76.7 115.1  
141 37.7 29.7 44.5





#43  
2,4,6-Trichlorophenol  
Concen: 65.693 ng  
RT: 12.918 min Scan# 1673  
Delta R.T. 0.000 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

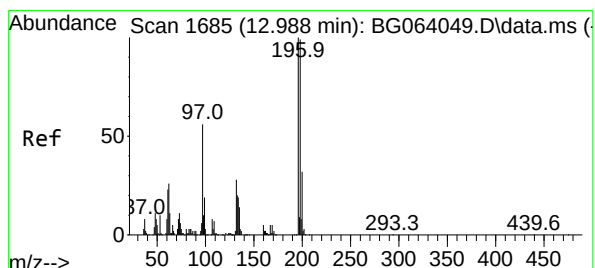
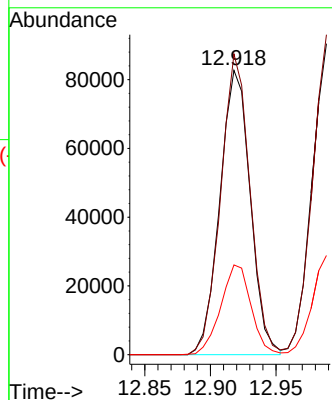
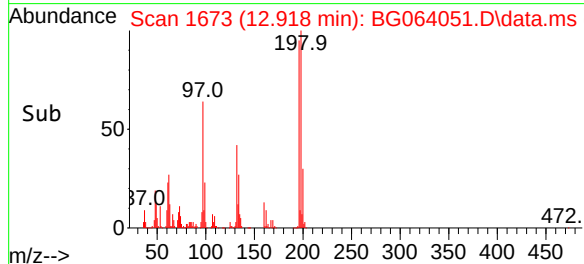
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:196 Resp: 13319  
Ion Ratio Lower Upper  
196 100  
198 105.7 85.6 128.4  
200 31.6 24.6 37.0

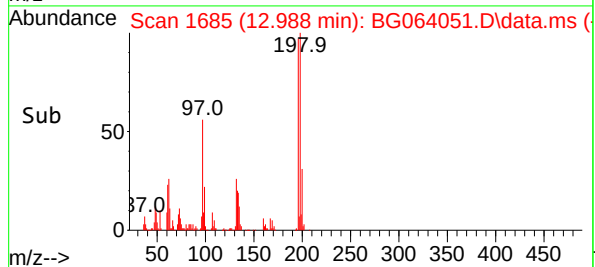
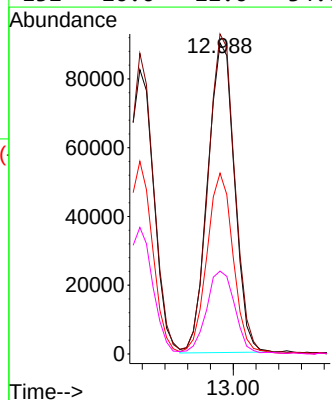
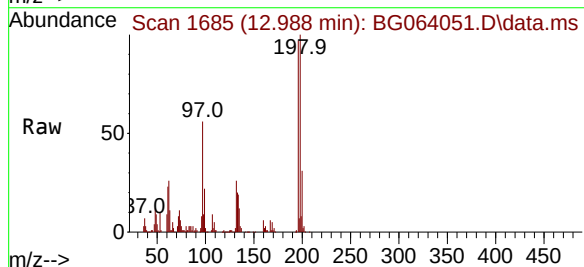
Manual Integrations  
APPROVED

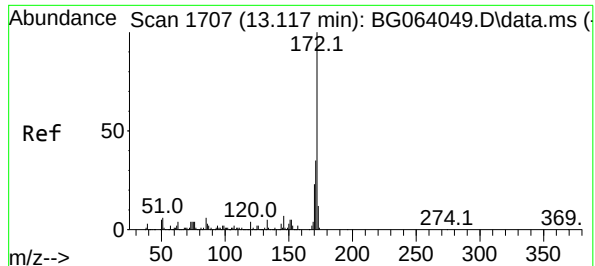
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#44  
2,4,5-Trichlorophenol  
Concen: 65.338 ng  
RT: 12.988 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

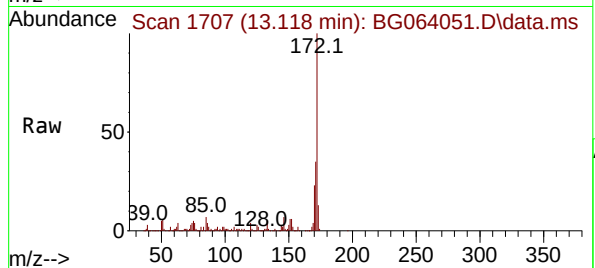
Tgt Ion:196 Resp: 147199  
Ion Ratio Lower Upper  
196 100  
198 102.9 79.5 119.3  
97 58.1 45.2 67.8  
132 26.6 22.6 34.0





#45  
2-Fluorobiphenyl  
Concen: 116.978 ng  
RT: 13.118 min Scan# 1707  
Delta R.T. 0.000 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

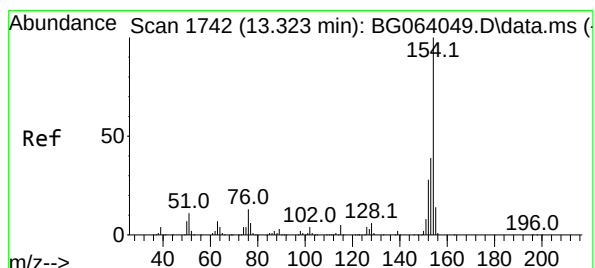
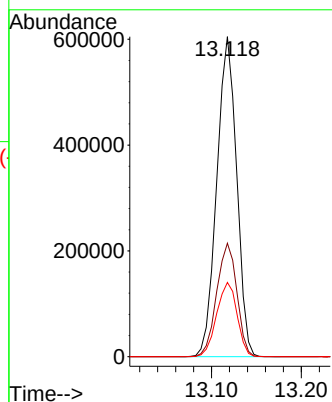
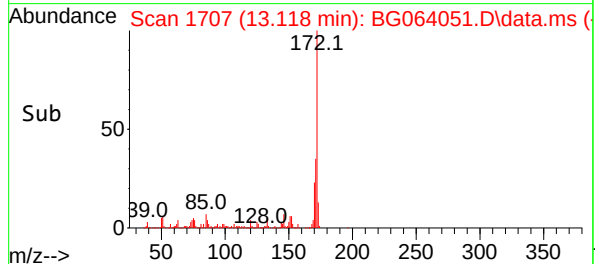
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



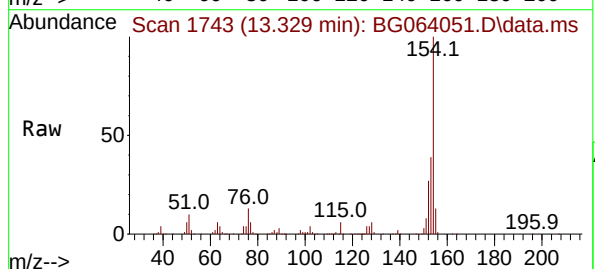
Tgt Ion:172 Resp: 928658  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.0 42.0  
170 23.2 18.7 28.1

Manual Integrations  
APPROVED

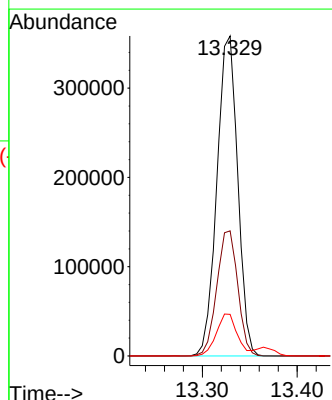
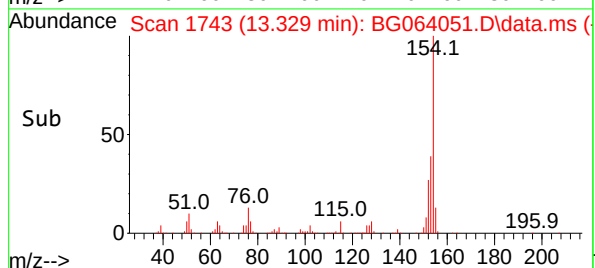
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



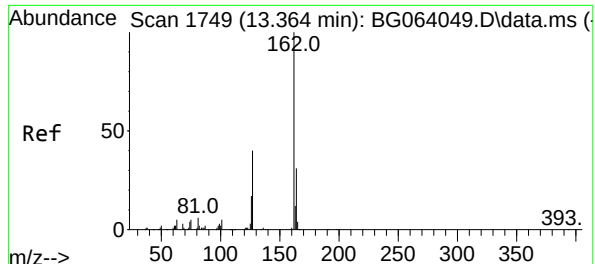
#46  
1,1'-Biphenyl  
Concen: 60.056 ng  
RT: 13.329 min Scan# 1743  
Delta R.T. 0.006 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04



Tgt Ion:154 Resp: 546747  
Ion Ratio Lower Upper  
154 100  
153 39.1 19.5 59.5  
76 13.0 0.0 33.5

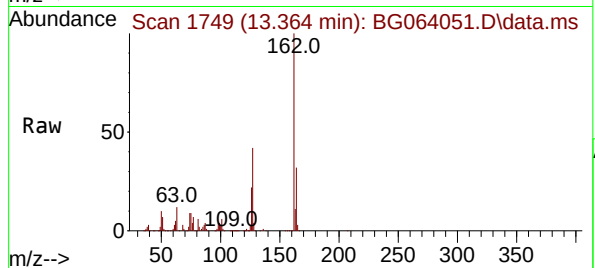






#47  
2-Chloronaphthalene  
Concen: 61.023 ng  
RT: 13.364 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

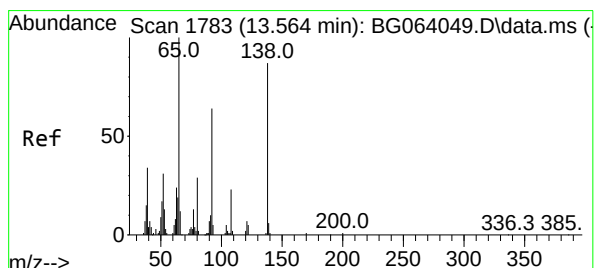
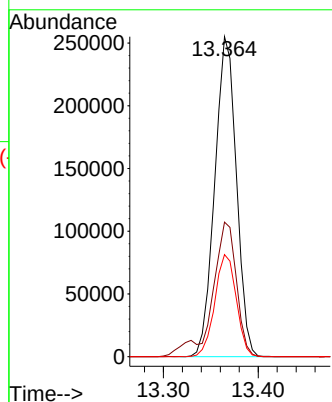
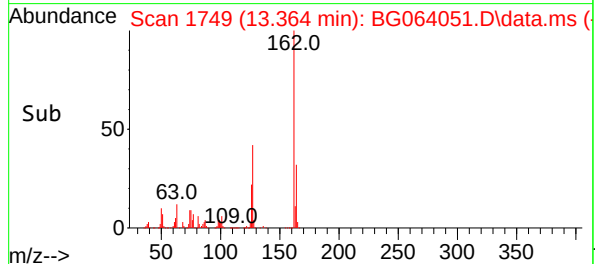
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:162 Resp: 40517  
Ion Ratio Lower Upper  
162 100  
127 42.1 35.0 52.4  
164 31.9 25.0 37.6

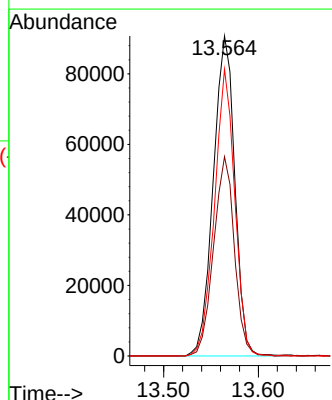
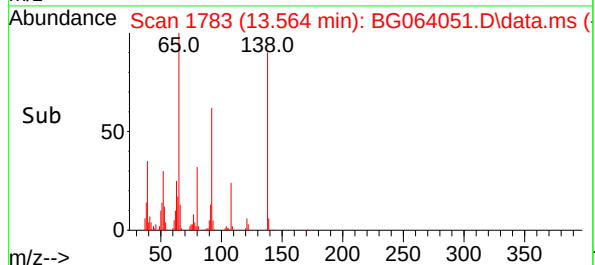
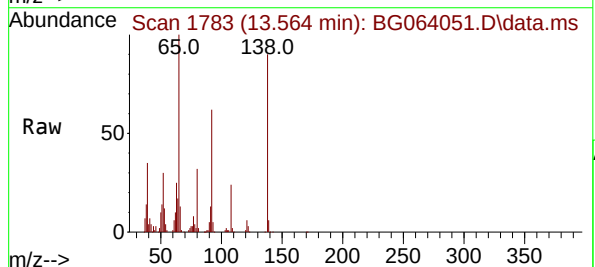
Manual Integrations  
APPROVED

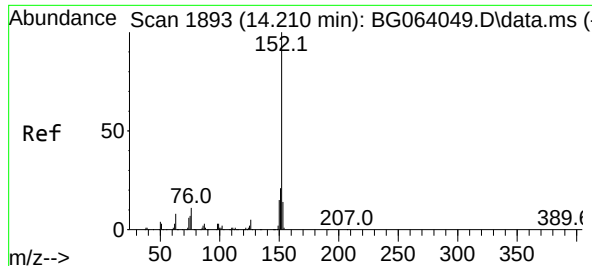
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#48  
2-Nitroaniline  
Concen: 61.521 ng  
RT: 13.564 min Scan# 1783  
Delta R.T. 0.000 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

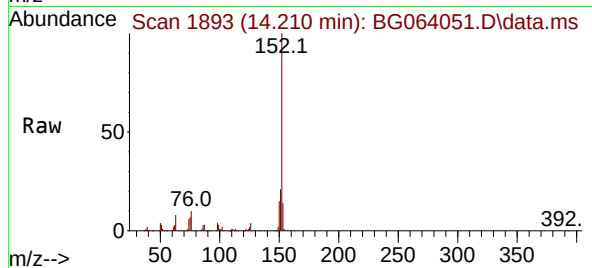
Tgt Ion: 65 Resp: 143213  
Ion Ratio Lower Upper  
65 100  
92 62.2 51.2 76.8  
138 89.6 69.4 104.2





#49  
Acenaphthylene  
Concen: 61.154 ng  
RT: 14.210 min Scan# 1893  
Delta R.T. 0.000 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

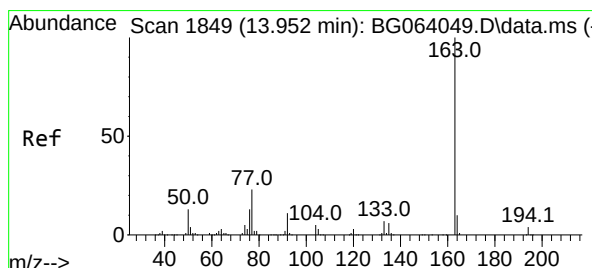
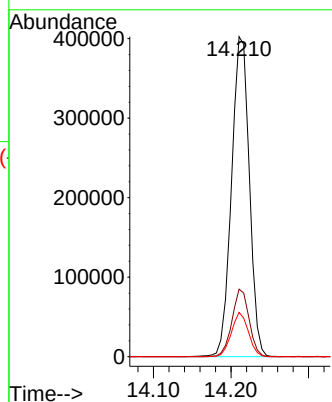
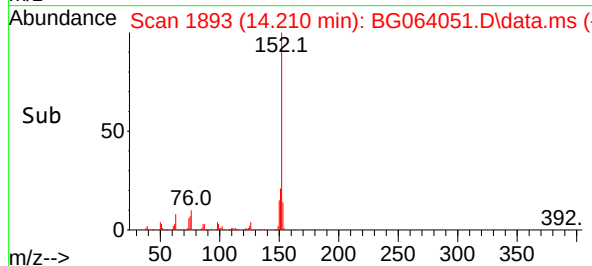
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:152 Resp: 642250  
Ion Ratio Lower Upper  
152 100  
151 21.1 16.4 24.6  
153 13.9 10.9 16.3

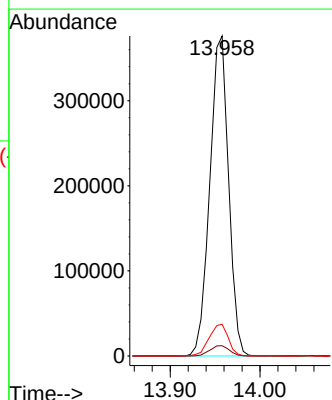
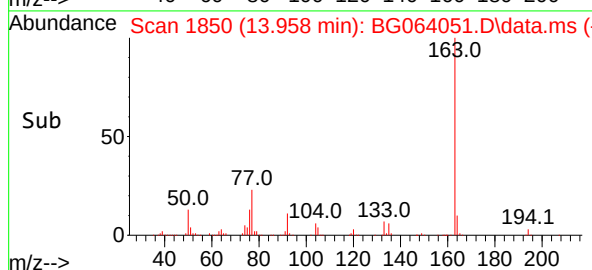
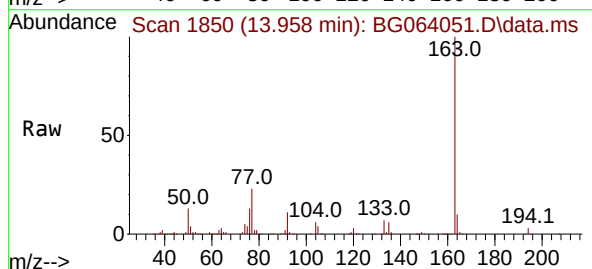
Manual Integrations  
APPROVED

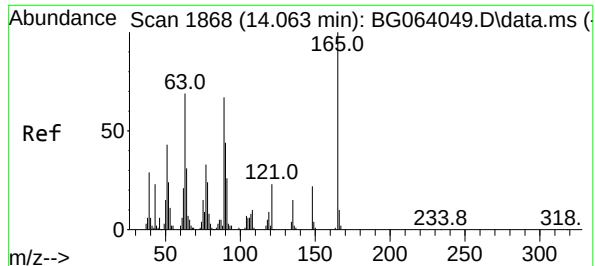
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#50  
Dimethylphthalate  
Concen: 61.282 ng  
RT: 13.958 min Scan# 1850  
Delta R.T. 0.006 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

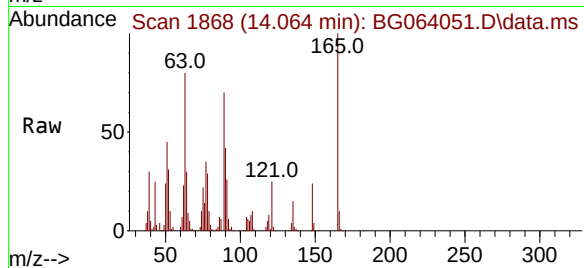
Tgt Ion:163 Resp: 545112  
Ion Ratio Lower Upper  
163 100  
194 3.2 2.8 4.2  
164 9.9 8.2 12.2





#51  
2,6-Dinitrotoluene  
Concen: 60.475 ng  
RT: 14.064 min Scan# 1868  
Delta R.T. 0.001 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

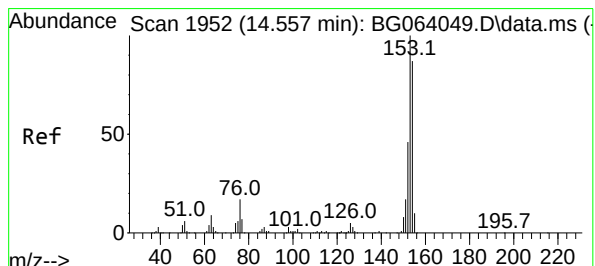
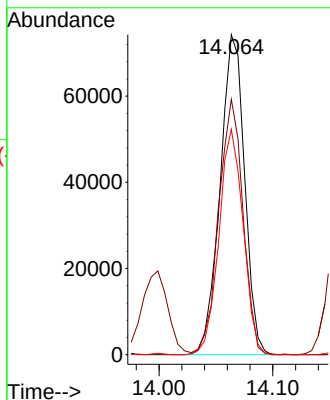
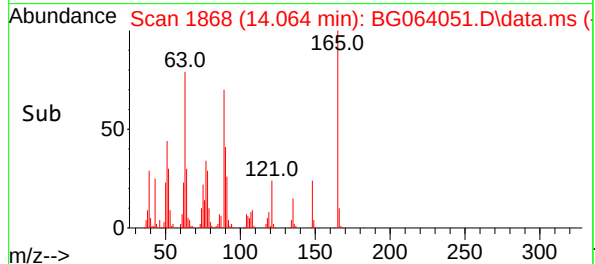
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:165 Resp: 110825  
Ion Ratio Lower Upper  
165 100  
63 79.8 56.7 85.1  
89 70.5 53.7 80.5

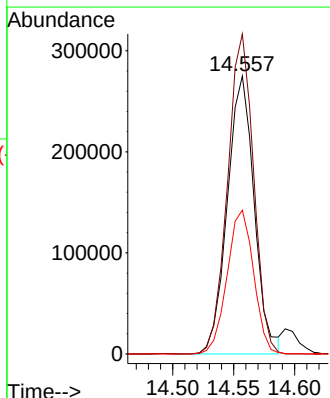
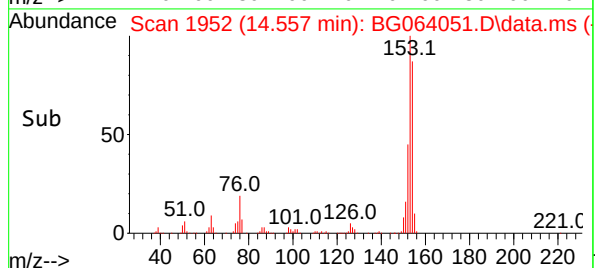
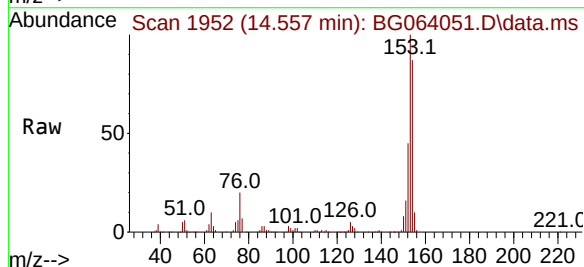
Manual Integrations  
APPROVED

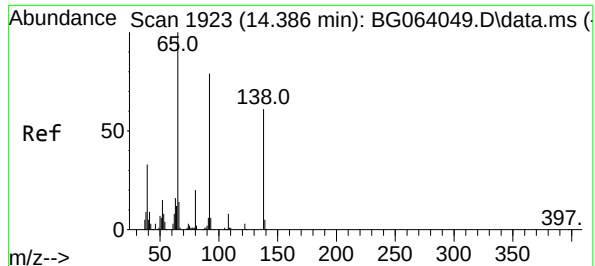
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#52  
Acenaphthene  
Concen: 59.918 ng  
RT: 14.557 min Scan# 1952  
Delta R.T. 0.000 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

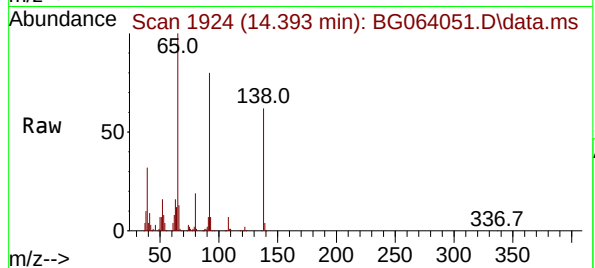
Tgt Ion:154 Resp: 423181  
Ion Ratio Lower Upper  
154 100  
153 115.2 91.6 137.4  
152 51.8 42.5 63.7





#53  
3-Nitroaniline  
Concen: 69.150 ng  
RT: 14.393 min Scan# 1923  
Delta R.T. 0.006 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

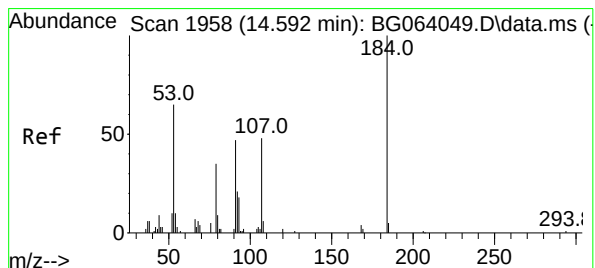
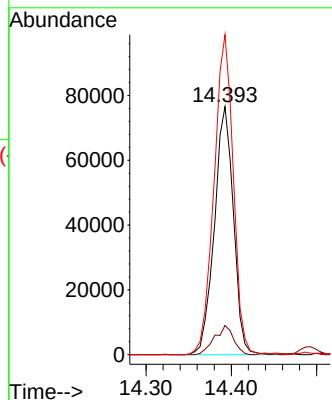
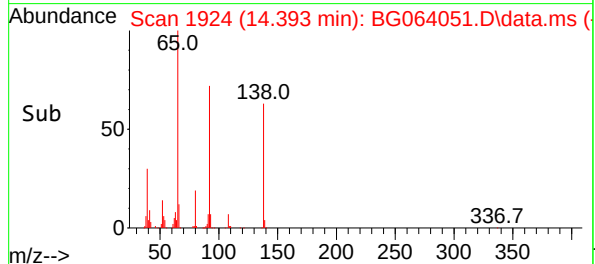
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:138 Resp: 118880  
Ion Ratio Lower Upper  
138 100  
108 11.8 10.1 15.1  
92 129.1 104.1 156.1

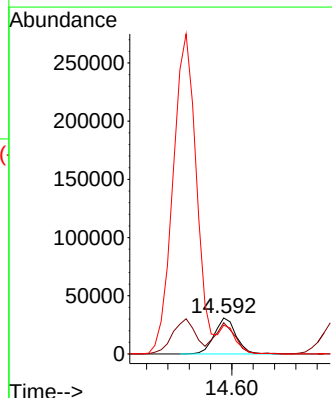
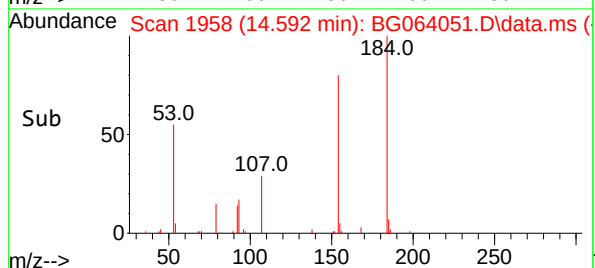
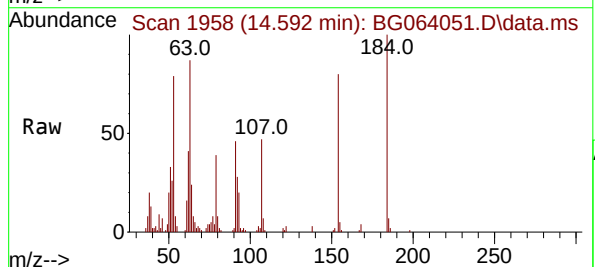
Manual Integrations  
APPROVED

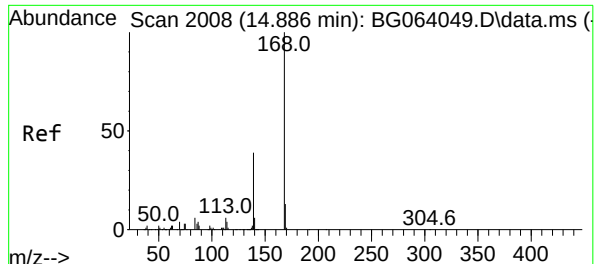
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#54  
2,4-Dinitrophenol  
Concen: 60.118 ng  
RT: 14.592 min Scan# 1958  
Delta R.T. 0.000 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

Tgt Ion:184 Resp: 43597  
Ion Ratio Lower Upper  
184 100  
63 86.6 57.5 86.3#  
154 80.0 52.3 78.5#





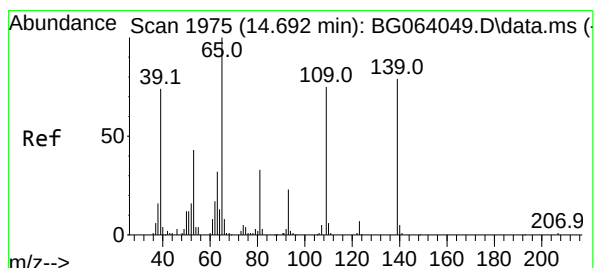
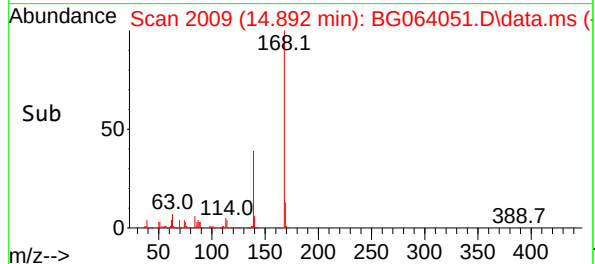
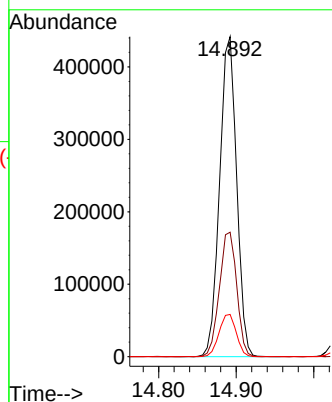
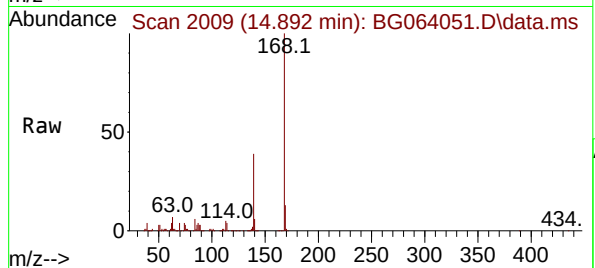
#55  
Dibenzenofuran  
Concen: 59.009 ng  
RT: 14.892 min Scan# 2008  
Delta R.T. 0.006 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

Tgt Ion:168 Resp: 673760  
Ion Ratio Lower Upper  
168 100  
139 38.9 31.1 46.7  
169 13.2 10.5 15.7

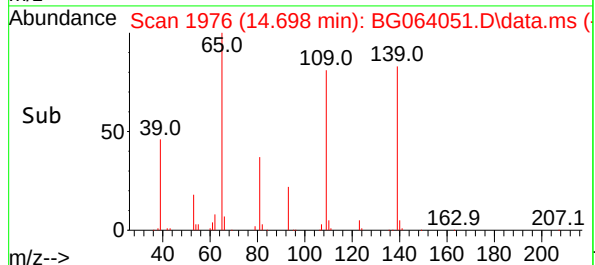
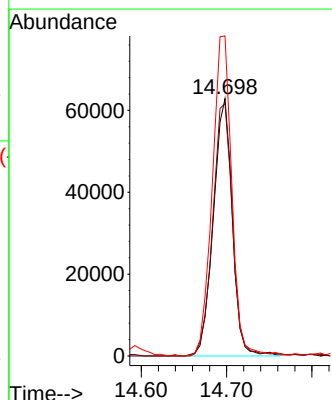
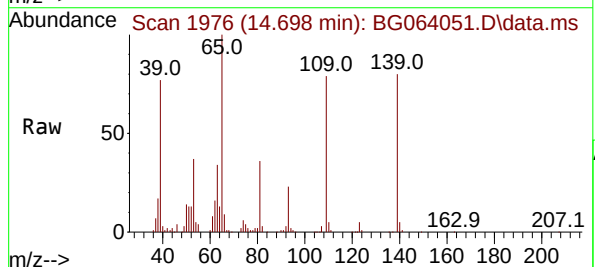
Manual Integrations  
APPROVED

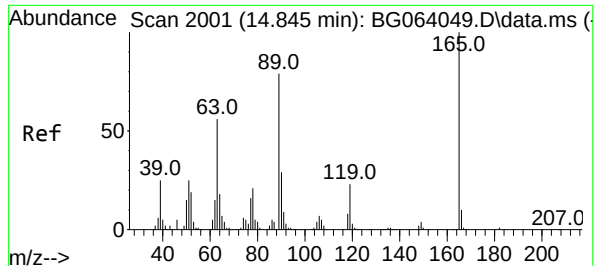
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#56  
4-Nitrophenol  
Concen: 67.751 ng  
RT: 14.698 min Scan# 1976  
Delta R.T. 0.006 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

Tgt Ion:139 Resp: 97685  
Ion Ratio Lower Upper  
139 100  
109 98.1 74.9 114.9  
65 124.4 106.8 146.8





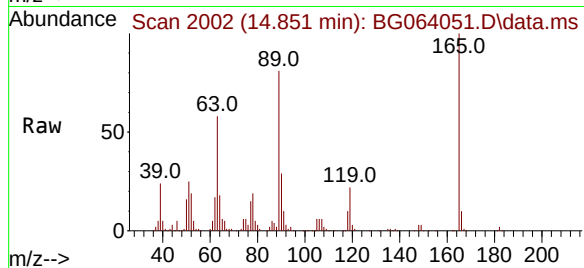
#57  
2,4-Dinitrotoluene  
Concen: 60.762 ng  
RT: 14.851 min Scan# 2001  
Delta R.T. 0.006 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

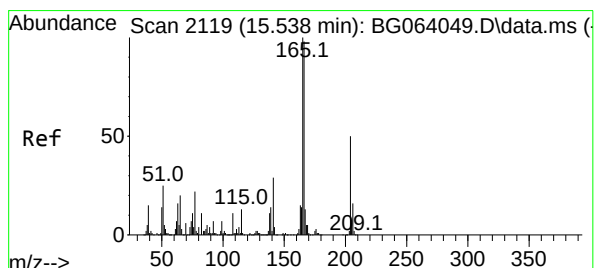
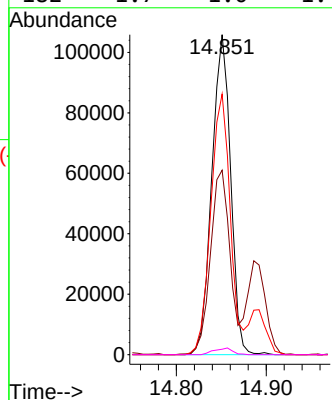
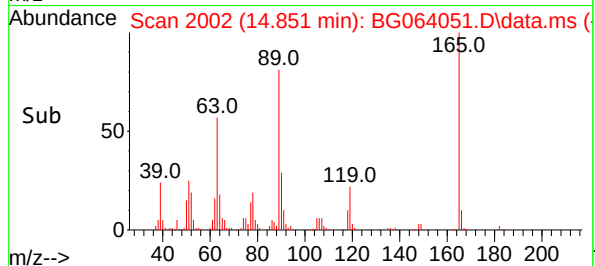


Tgt Ion:165 Resp: 153908  
Ion Ratio Lower Upper  
165 100  
63 57.7 45.0 67.6  
89 81.5 63.1 94.7  
182 1.7 1.0 1.4#

Manual Integrations

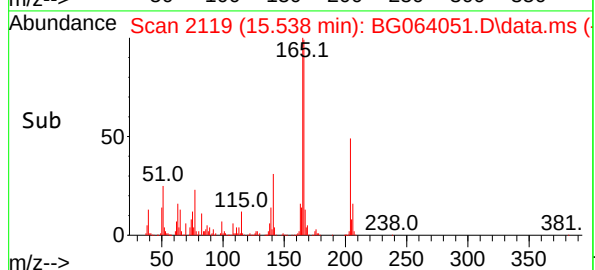
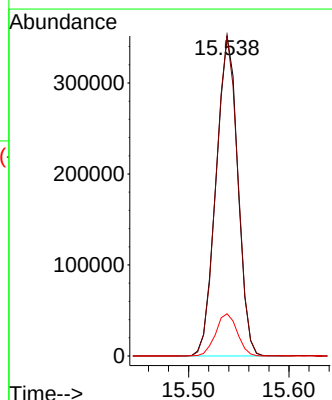
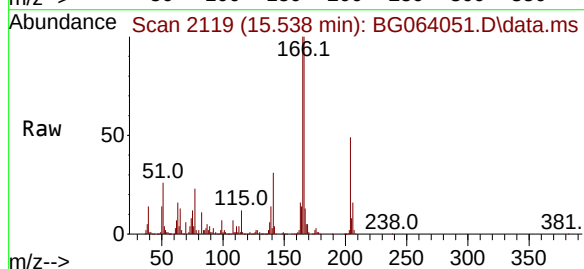
APPROVED

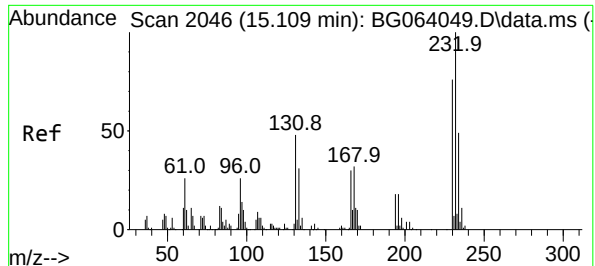
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#58  
Fluorene  
Concen: 59.367 ng  
RT: 15.538 min Scan# 2119  
Delta R.T. 0.000 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

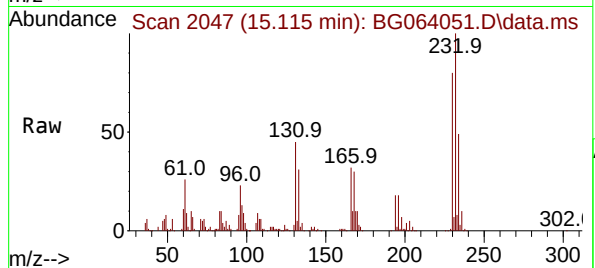
Tgt Ion:166 Resp: 527952  
Ion Ratio Lower Upper  
166 100  
165 100.0 81.8 122.8  
167 13.2 10.8 16.2





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 66.199 ng  
RT: 15.115 min Scan# 2047  
Delta R.T. 0.006 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

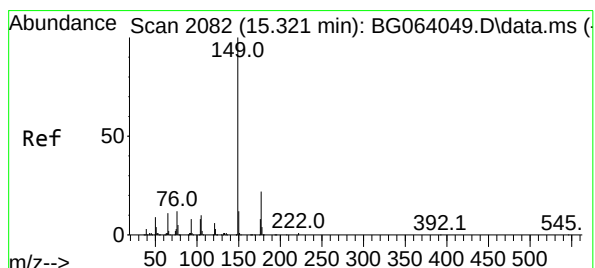
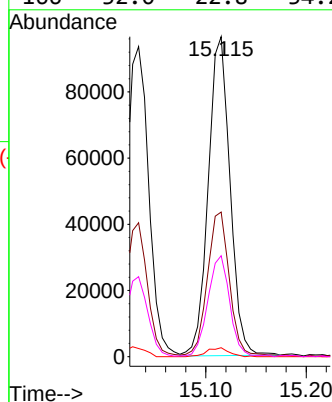
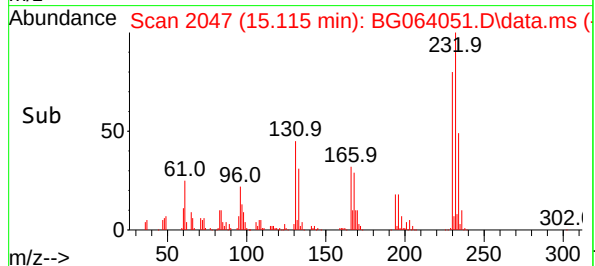
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:232 Resp: 145394  
Ion Ratio Lower Upper  
232 100  
131 46.7 36.3 54.5  
130 2.9 1.9 2.9  
166 32.0 22.8 34.2

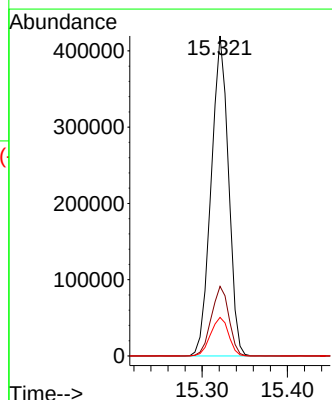
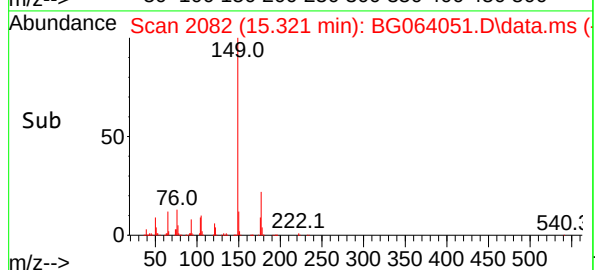
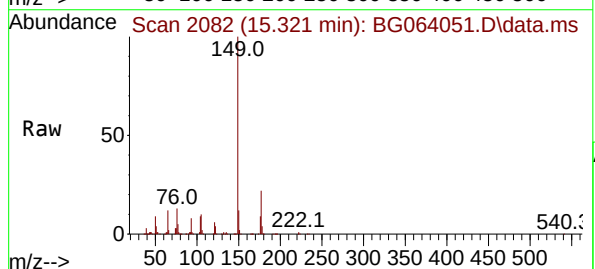
Manual Integrations  
APPROVED

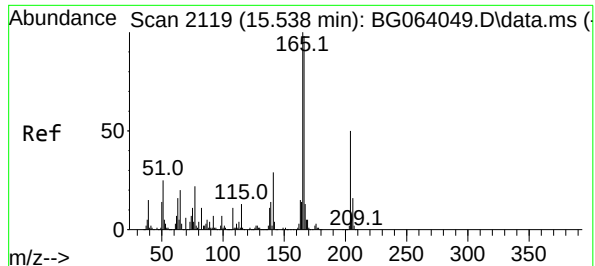
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#60  
Diethylphthalate  
Concen: 61.289 ng  
RT: 15.321 min Scan# 2082  
Delta R.T. 0.000 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

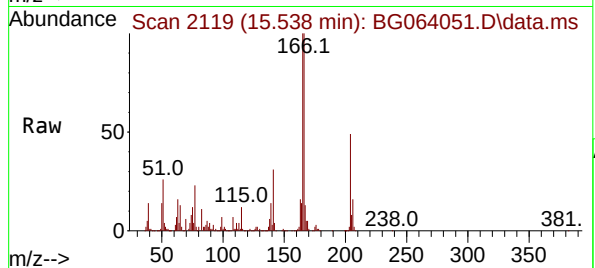
Tgt Ion:149 Resp: 591838  
Ion Ratio Lower Upper  
149 100  
177 21.8 17.4 26.2  
150 12.0 9.4 14.2





#61  
4-Chlorophenyl-phenylether  
Concen: 59.007 ng  
RT: 15.538 min Scan# 2119  
Delta R.T. 0.000 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

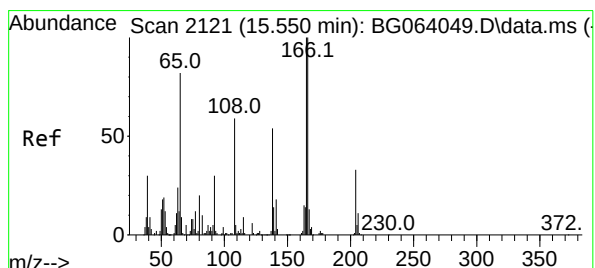
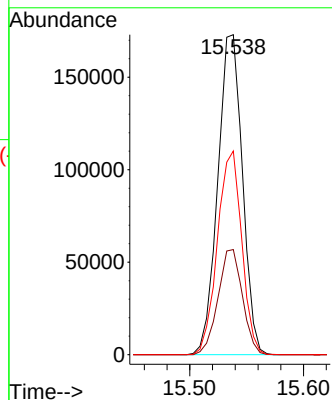
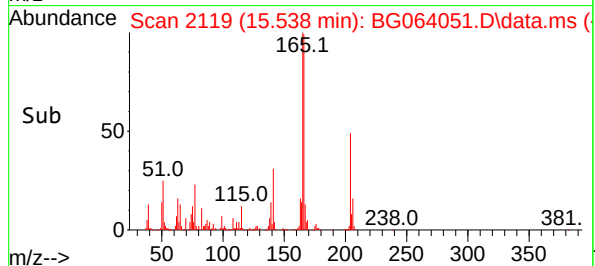
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



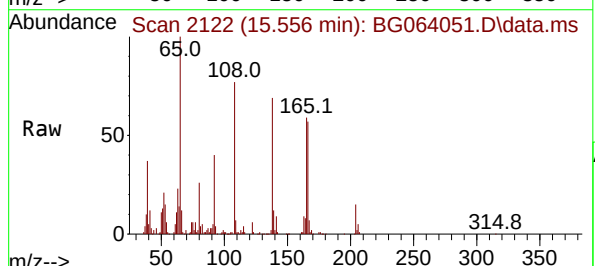
Tgt Ion:204 Resp: 260768  
Ion Ratio Lower Upper  
204 100  
206 32.8 25.5 38.3  
141 63.7 45.4 68.0

Manual Integrations  
APPROVED

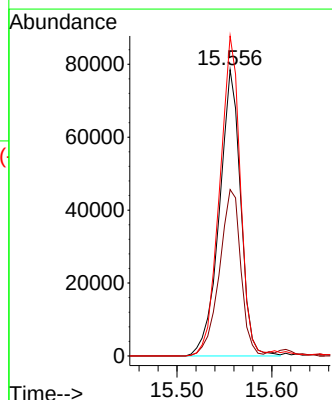
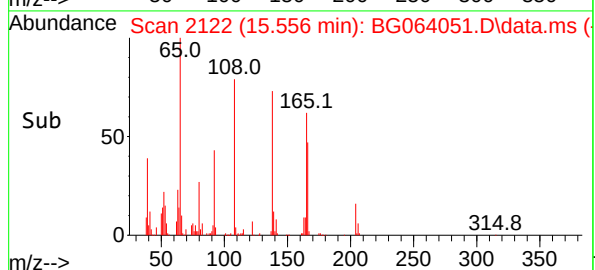
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



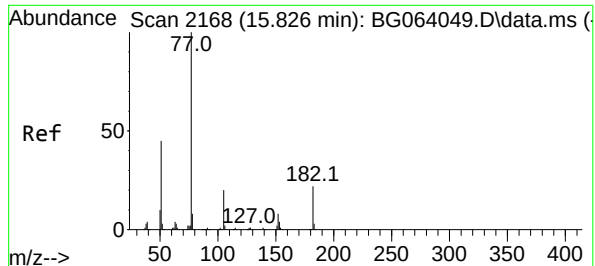
#62  
4-Nitroaniline  
Concen: 65.996 ng  
RT: 15.556 min Scan# 2122  
Delta R.T. 0.006 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04



Tgt Ion:138 Resp: 122494  
Ion Ratio Lower Upper  
138 100  
92 58.1 36.1 76.1  
108 111.8 87.9 127.9

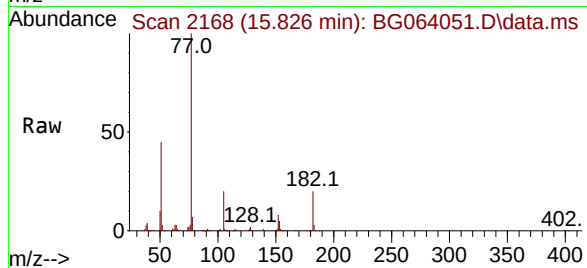






#63  
Azobenzene  
Concen: 59.818 ng  
RT: 15.826 min Scan# 2168  
Delta R.T. 0.000 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

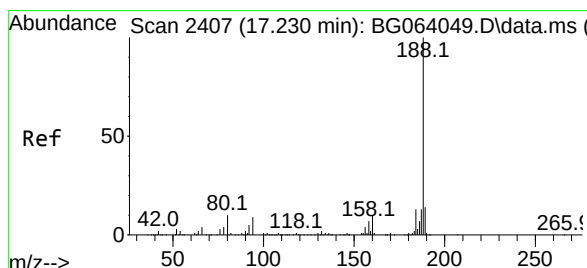
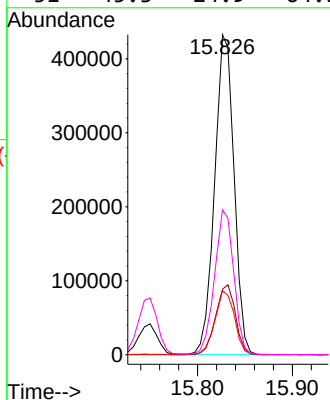
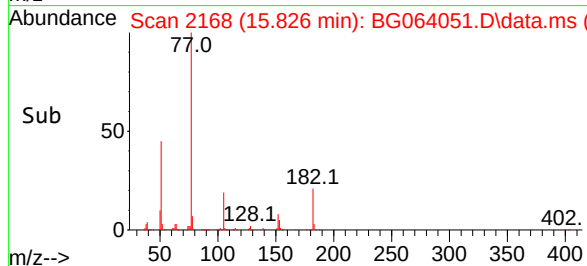
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



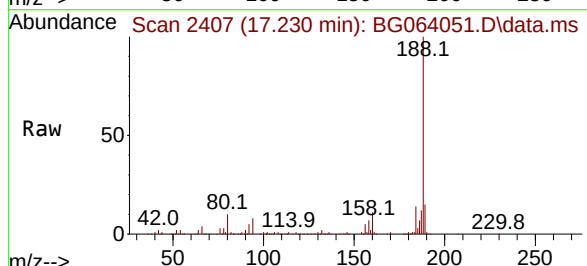
Tgt Ion: 77 Resp: 616384  
Ion Ratio Lower Upper  
77 100  
182 20.4 2.4 42.4  
105 20.0 0.0 40.0  
51 45.3 24.9 64.9

Manual Integrations  
APPROVED

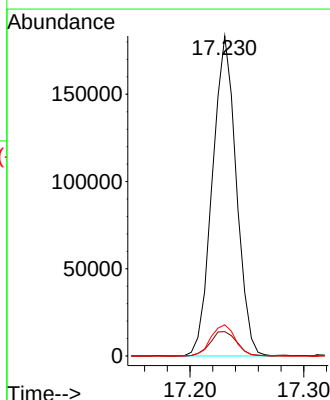
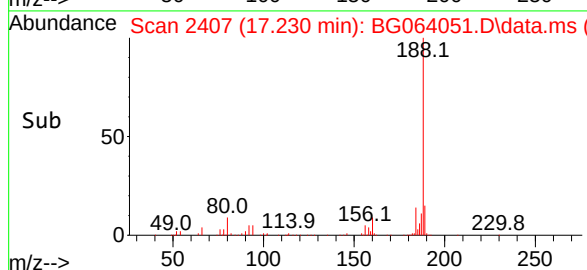
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

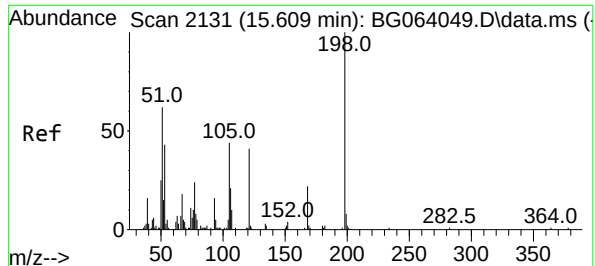


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.230 min Scan# 2407  
Delta R.T. 0.000 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04



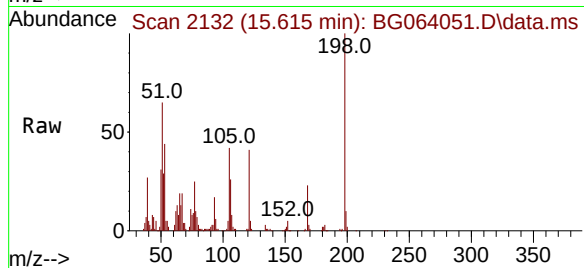
Tgt Ion:188 Resp: 267696  
Ion Ratio Lower Upper  
188 100  
94 7.6 6.9 10.3  
80 9.8 8.1 12.1





#65  
4,6-Dinitro-2-methylphenol  
Concen: 61.305 ng  
RT: 15.615 min Scan# 2132  
Delta R.T. 0.006 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

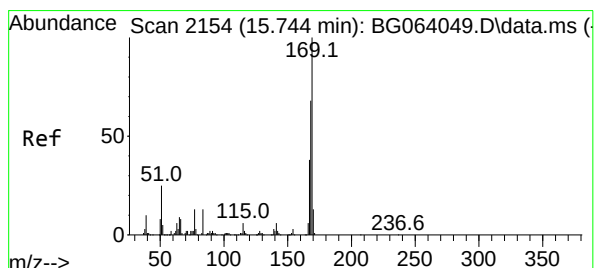
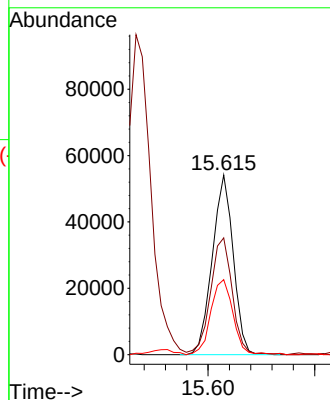
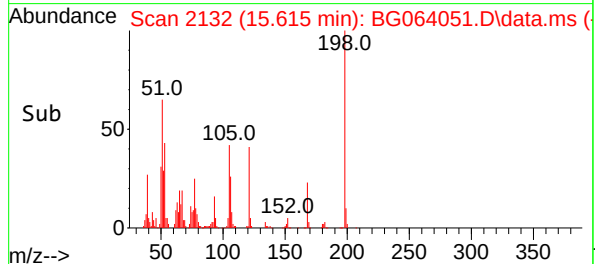
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:198 Resp: 74058  
Ion Ratio Lower Upper  
198 100  
51 65.1 45.6 85.6  
105 41.7 25.3 65.3

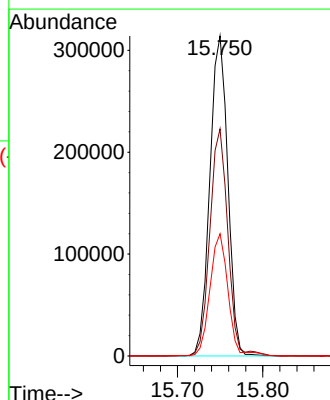
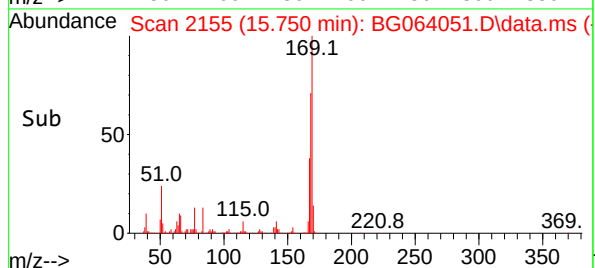
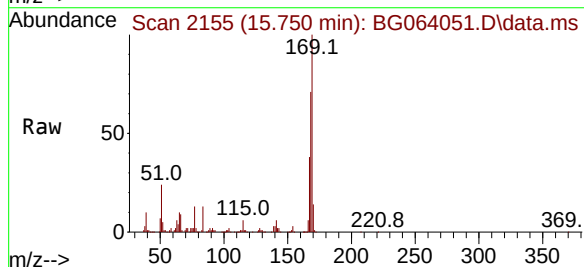
Manual Integrations  
APPROVED

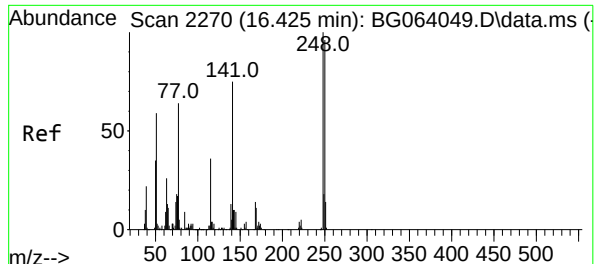
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#66  
n-Nitrosodiphenylamine  
Concen: 60.488 ng  
RT: 15.750 min Scan# 2155  
Delta R.T. 0.006 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

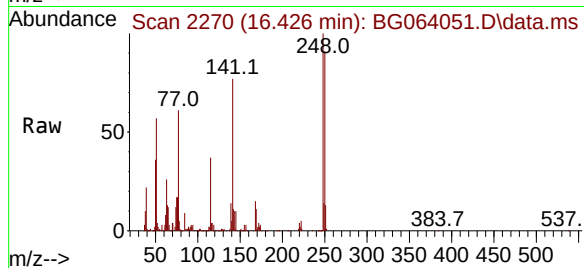
Tgt Ion:169 Resp: 458342  
Ion Ratio Lower Upper  
169 100  
168 71.0 54.1 81.1  
167 38.2 30.3 45.5





#67  
4-Bromophenyl-phenylether  
Concen: 63.681 ng  
RT: 16.426 min Scan# 2190  
Delta R.T. 0.000 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

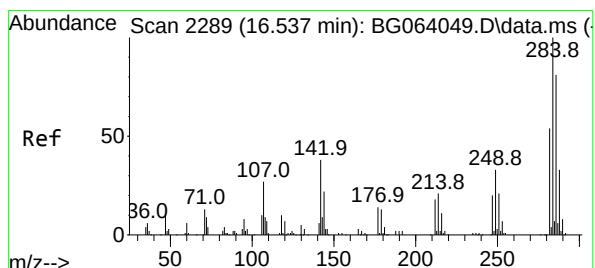
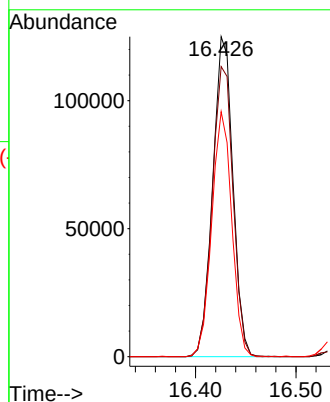
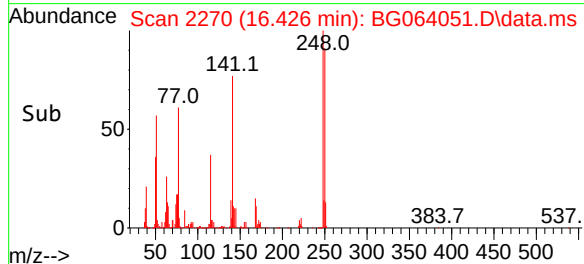
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



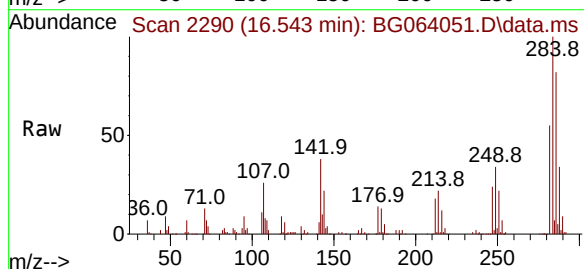
Tgt Ion:248 Resp: 174594  
Ion Ratio Lower Upper  
248 100  
250 90.7 77.1 115.7  
141 76.6 59.8 89.8

Manual Integrations  
APPROVED

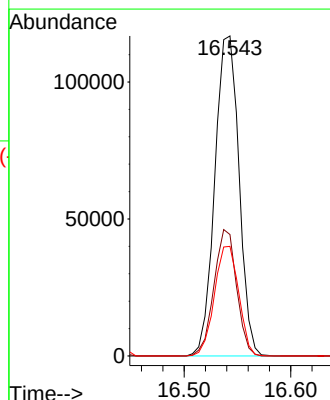
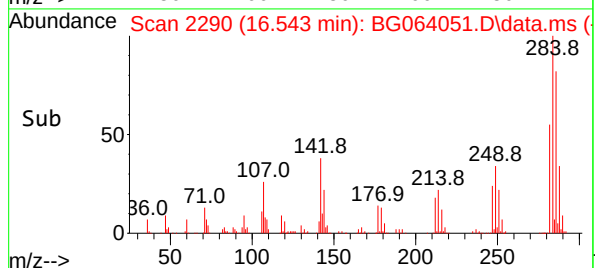
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

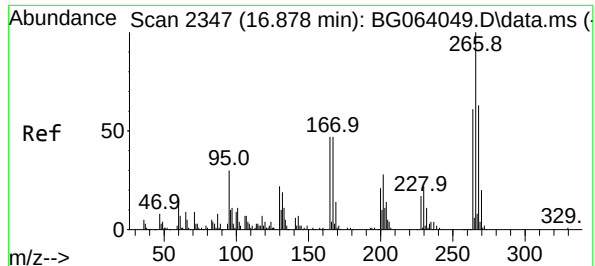


#68  
Hexachlorobenzene  
Concen: 59.848 ng  
RT: 16.543 min Scan# 2290  
Delta R.T. 0.006 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04



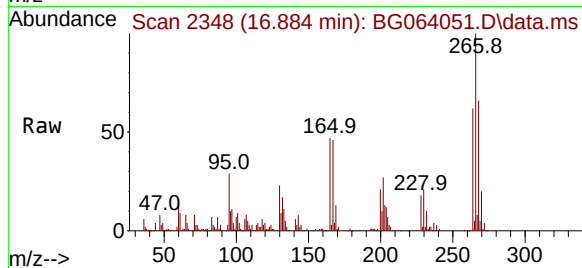
Tgt Ion:284 Resp: 183700  
Ion Ratio Lower Upper  
284 100  
142 37.9 30.6 45.8  
249 34.3 26.6 39.8





#70  
 Pentachlorophenol  
 Concen: 66.910 ng  
 RT: 16.884 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: BG064051.D  
 Acq: 5 Mar 2025 13:04

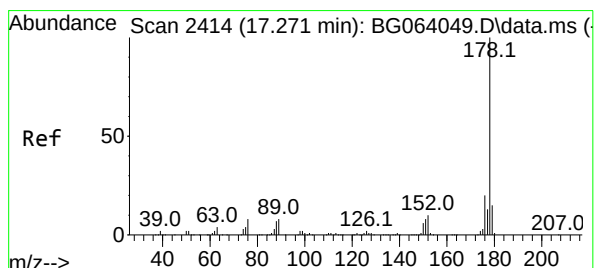
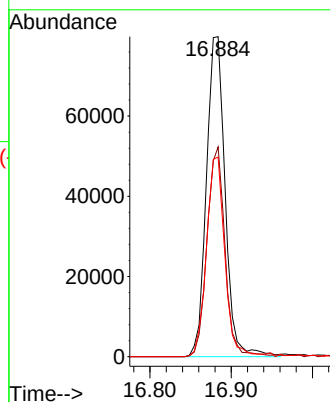
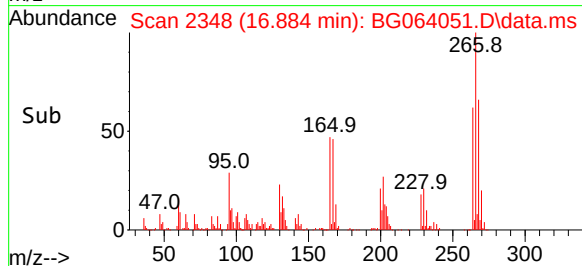
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC060



Tgt Ion:266 Resp: 127510  
 Ion Ratio Lower Upper  
 266 100  
 268 65.5 50.2 75.4  
 264 62.4 48.9 73.3

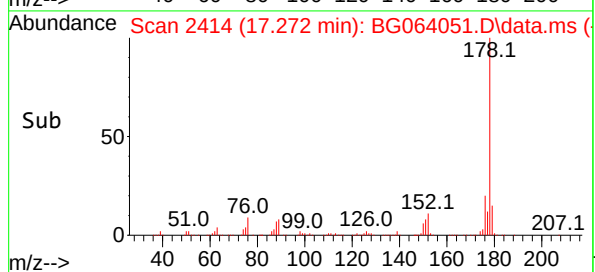
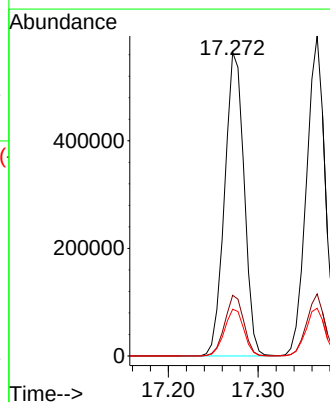
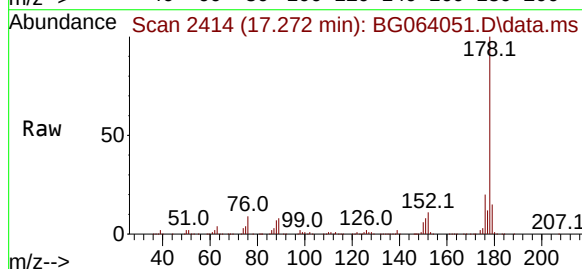
Manual Integrations  
 APPROVED

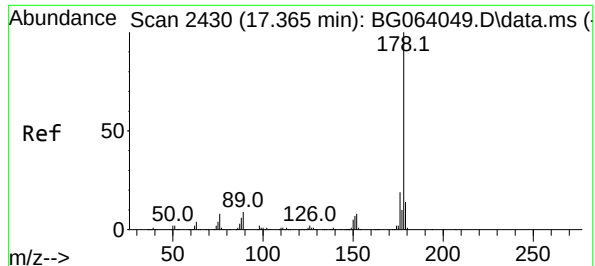
Reviewed By :Jagrut Upadhyay 03/06/2025  
 Supervised By :mohammad ahmed 03/07/2025



#71  
 Phenanthrene  
 Concen: 59.544 ng  
 RT: 17.272 min Scan# 2414  
 Delta R.T. 0.000 min  
 Lab File: BG064051.D  
 Acq: 5 Mar 2025 13:04

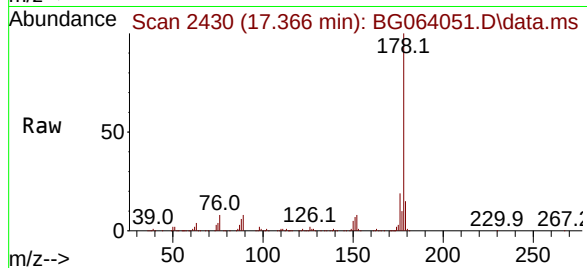
Tgt Ion:178 Resp: 850190  
 Ion Ratio Lower Upper  
 178 100  
 176 20.0 15.9 23.9  
 179 15.4 12.2 18.2





#72  
Anthracene  
Concen: 60.267 ng  
RT: 17.366 min Scan# 2430  
Delta R.T. 0.000 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

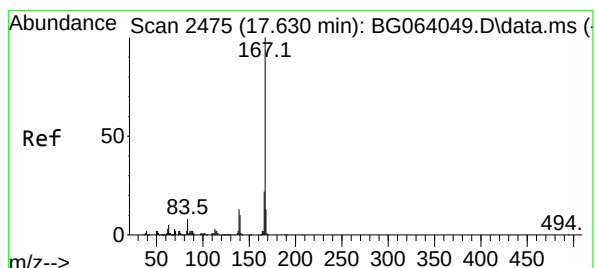
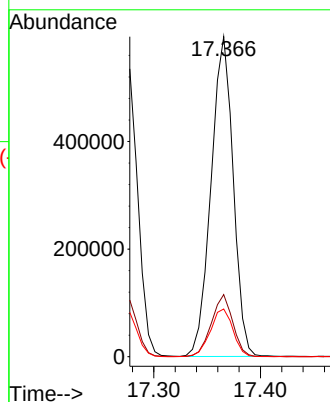
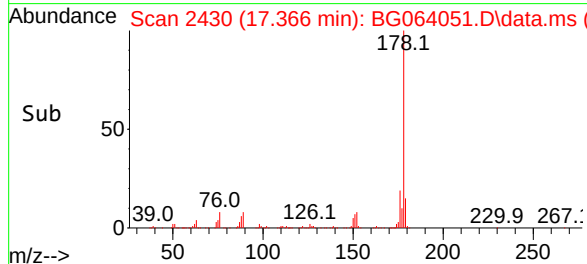
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:178 Resp: 855662  
Ion Ratio Lower Upper  
178 100  
176 19.4 14.8 22.2  
179 14.9 11.5 17.3

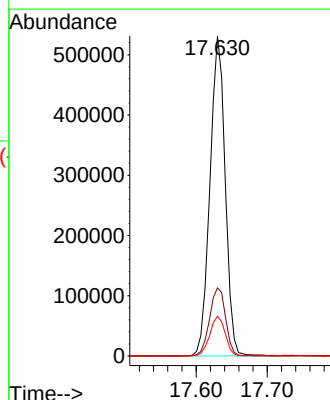
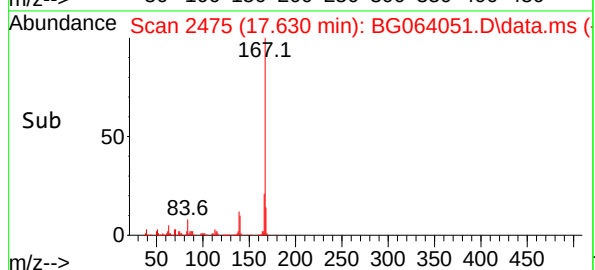
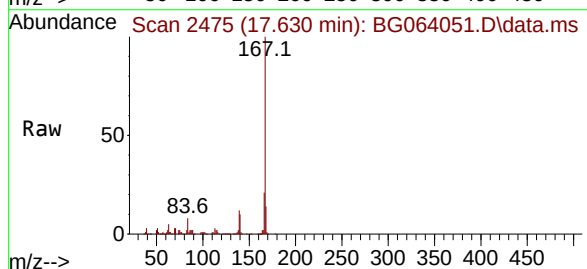
Manual Integrations  
APPROVED

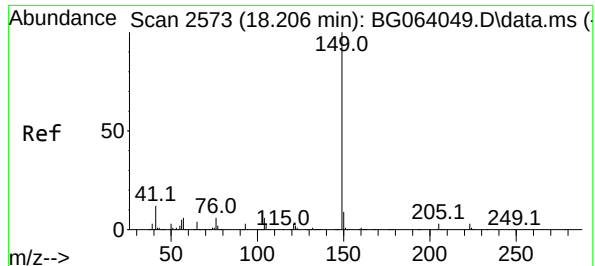
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#73  
Carbazole  
Concen: 59.729 ng  
RT: 17.630 min Scan# 2475  
Delta R.T. 0.000 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

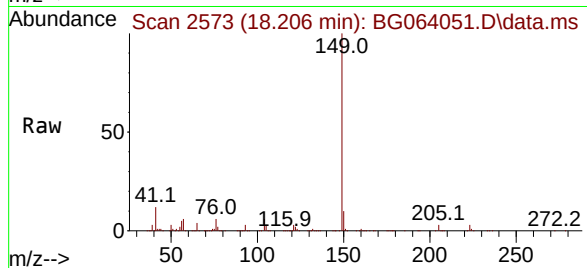
Tgt Ion:167 Resp: 791764  
Ion Ratio Lower Upper  
167 100  
166 21.2 18.0 27.0  
139 12.4 10.6 15.8





#74  
Di-n-butylphthalate  
Concen: 62.731 ng  
RT: 18.206 min Scan# 2573  
Delta R.T. 0.000 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

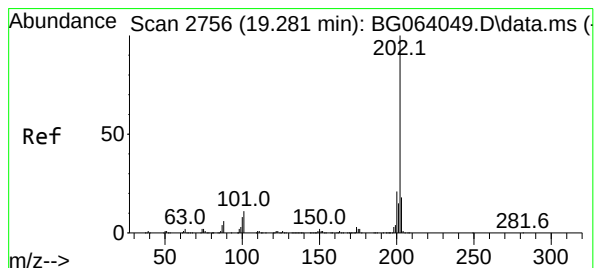
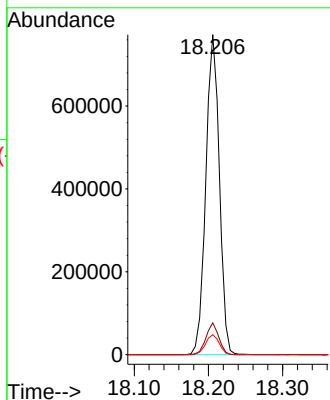
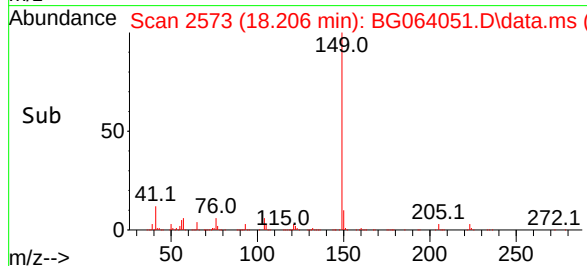
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



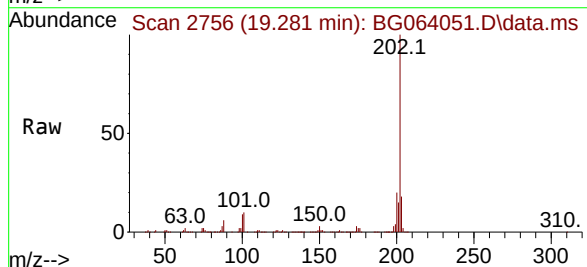
Tgt Ion:149 Resp: 97883  
Ion Ratio Lower Upper  
149 100  
150 9.9 7.4 11.0  
104 6.3 5.0 7.6

Manual Integrations  
APPROVED

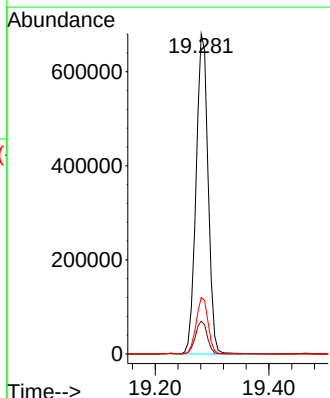
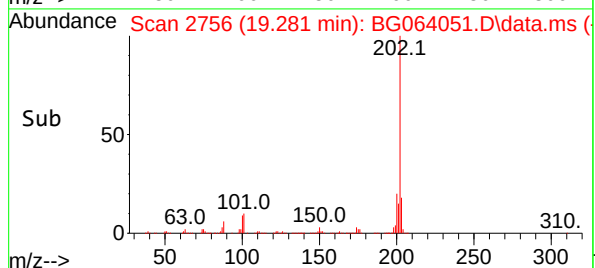
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

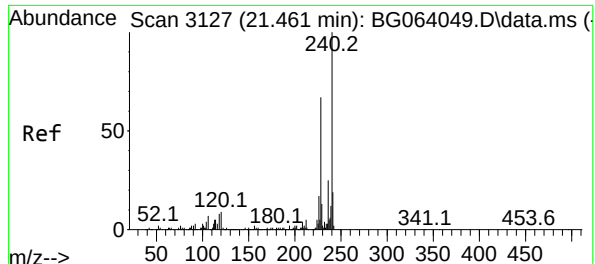


#75  
Fluoranthene  
Concen: 57.980 ng  
RT: 19.281 min Scan# 2756  
Delta R.T. 0.000 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04



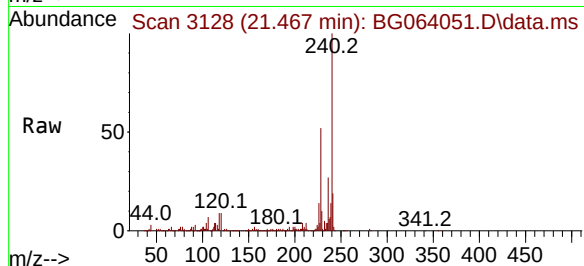
Tgt Ion:202 Resp: 998035  
Ion Ratio Lower Upper  
202 100  
101 10.3 0.0 30.5  
203 17.7 0.0 38.3





#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.467 min Scan# 3127  
Delta R.T. 0.006 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

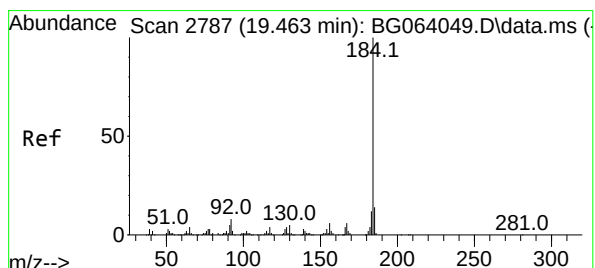
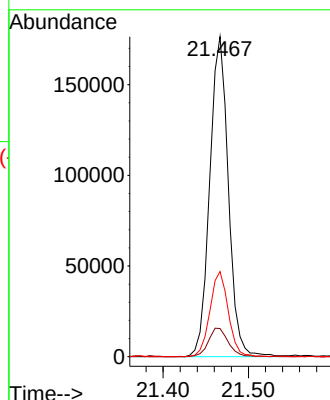
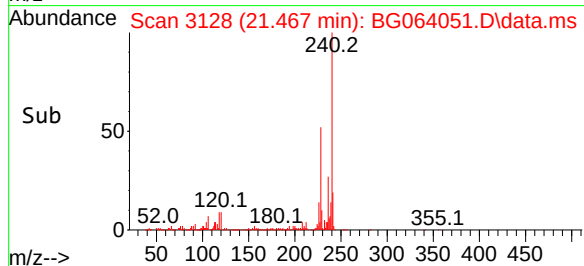
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



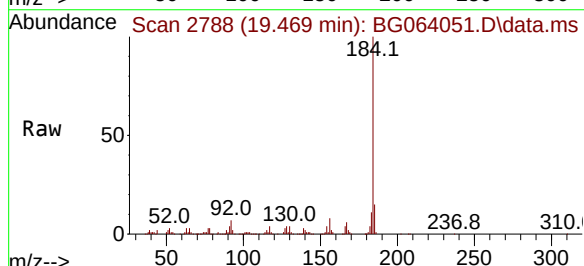
Tgt Ion:240 Resp: 267699  
Ion Ratio Lower Upper  
240 100  
120 8.8 7.2 10.8  
236 26.6 20.2 30.2

Manual Integrations  
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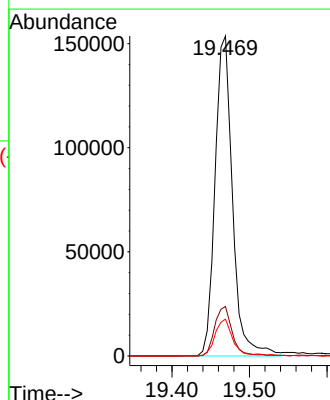
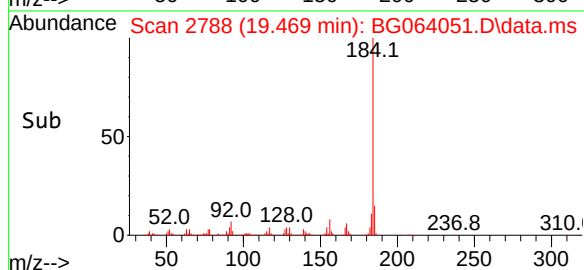
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

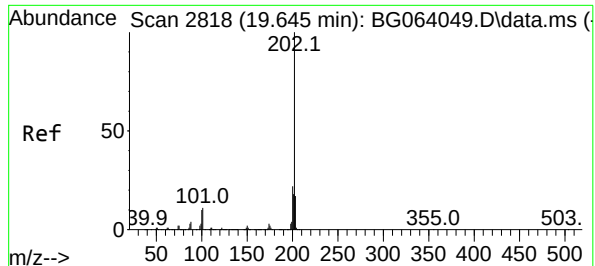


#77  
Benzidine  
Concen: 63.973 ng  
RT: 19.469 min Scan# 2788  
Delta R.T. 0.006 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04



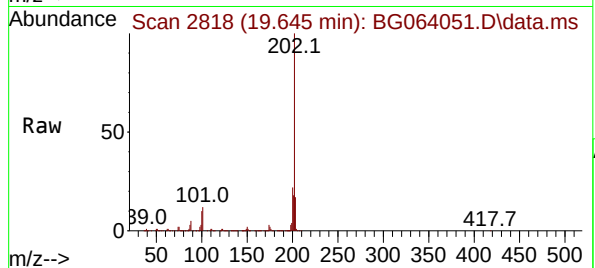
Tgt Ion:184 Resp: 240411  
Ion Ratio Lower Upper  
184 100  
185 15.4 11.3 16.9  
183 11.5 9.5 14.3





#78  
Pyrene  
Concen: 60.030 ng  
RT: 19.645 min Scan# 2818  
Delta R.T. 0.000 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

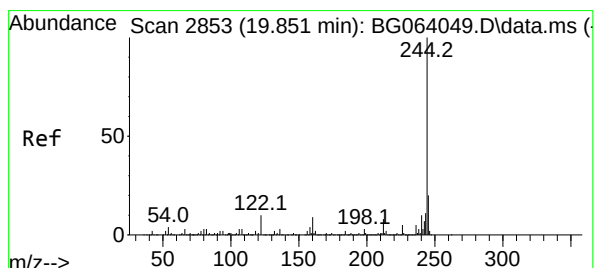
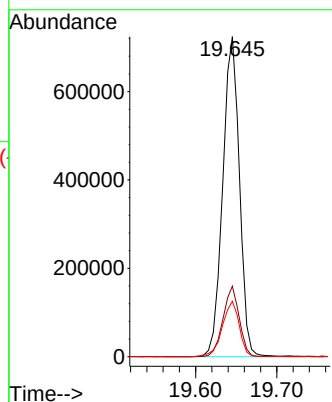
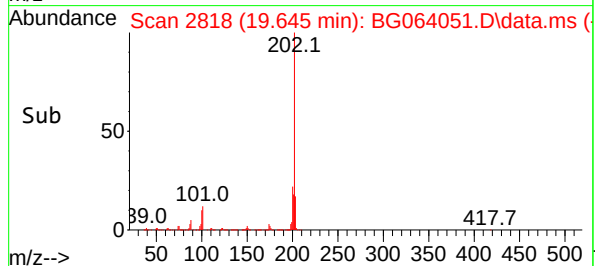
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:202 Resp: 1035908  
Ion Ratio Lower Upper  
202 100  
200 22.1 17.3 25.9  
203 17.3 13.6 20.4

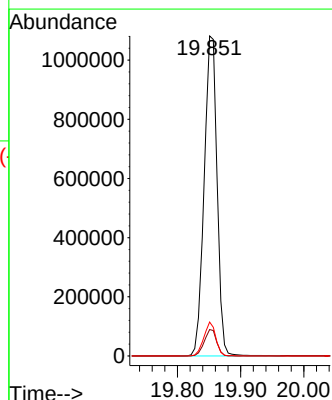
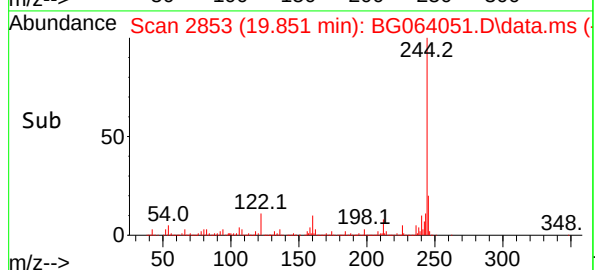
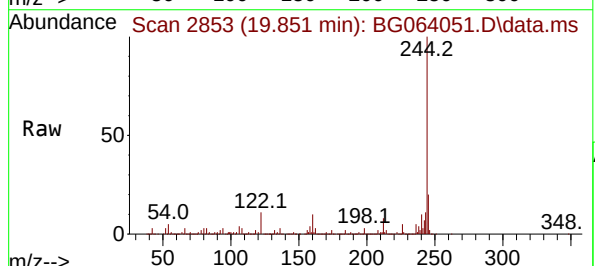
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

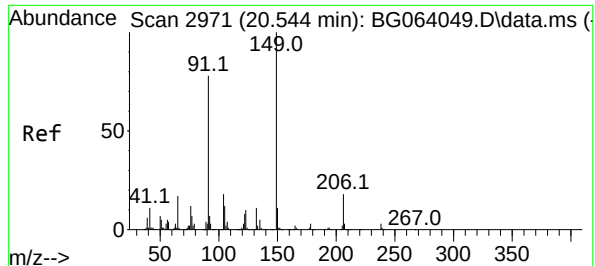


#79  
Terphenyl-d14  
Concen: 116.081 ng  
RT: 19.851 min Scan# 2853  
Delta R.T. 0.000 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

Tgt Ion:244 Resp: 1536841  
Ion Ratio Lower Upper  
244 100  
212 8.3 6.2 9.4  
122 10.6 8.0 12.0

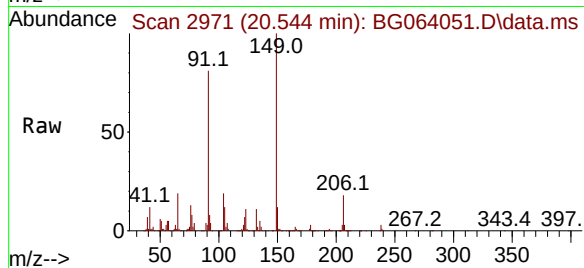






#80  
Butylbenzylphthalate  
Concen: 61.244 ng  
RT: 20.544 min Scan# 2971  
Delta R.T. 0.000 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

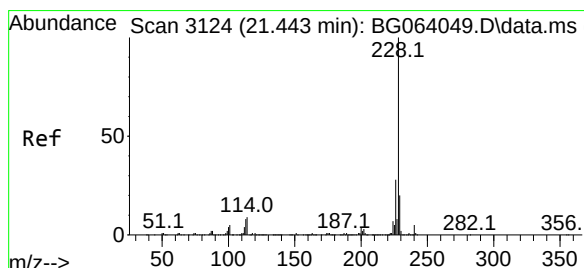
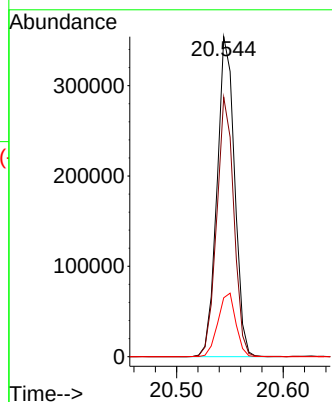
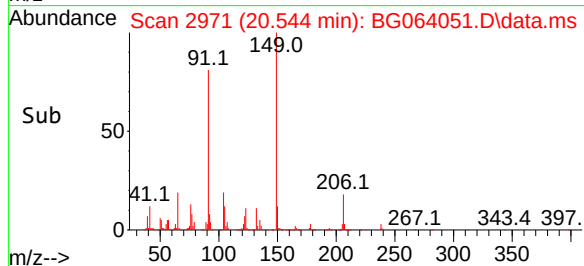
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:149 Resp: 403600  
Ion Ratio Lower Upper  
149 100  
91 81.1 62.0 93.0  
206 18.4 14.6 21.8

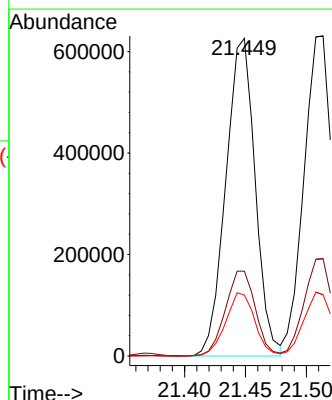
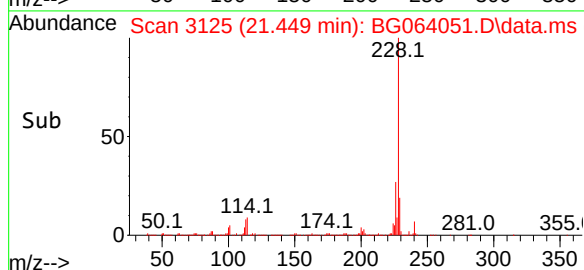
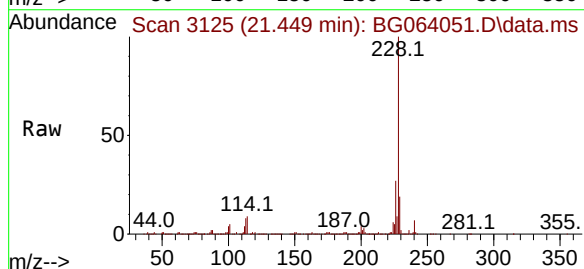
Manual Integrations  
APPROVED

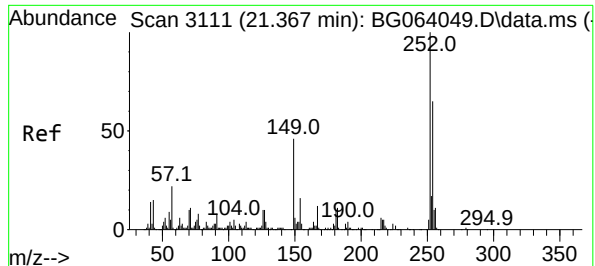
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#81  
Benzo(a)anthracene  
Concen: 61.323 ng  
RT: 21.449 min Scan# 3125  
Delta R.T. 0.006 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

Tgt Ion:228 Resp: 1051558  
Ion Ratio Lower Upper  
228 100  
226 26.7 22.2 33.2  
229 19.2 16.4 24.6





#82

3,3'-Dichlorobenzidine

Concen: 63.055 ng

RT: 21.367 min Scan# 3111

Delta R.T. 0.000 min

Lab File: BG064051.D

Acq: 5 Mar 2025 13:04

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

Tgt Ion:252 Resp: 34993

Ion Ratio Lower Upper

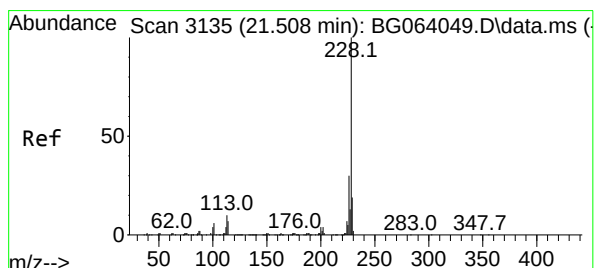
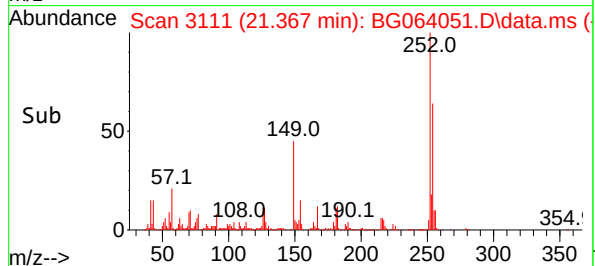
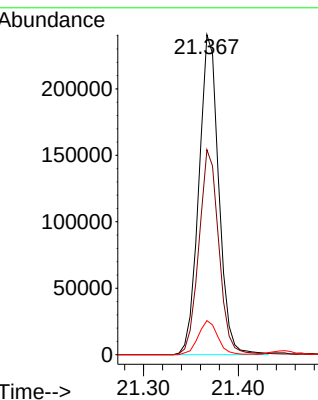
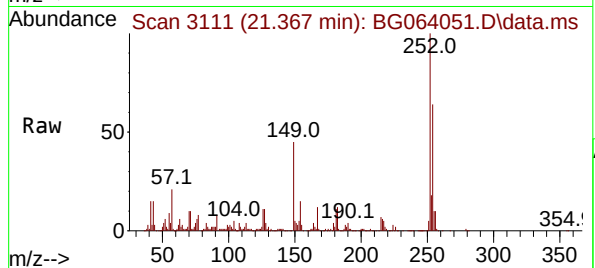
252 100

254 64.1 52.1 78.1

126 10.7 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

#83

Chrysene

Concen: 61.078 ng

RT: 21.514 min Scan# 3136

Delta R.T. 0.006 min

Lab File: BG064051.D

Acq: 5 Mar 2025 13:04

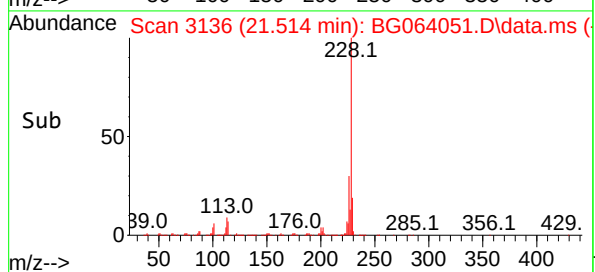
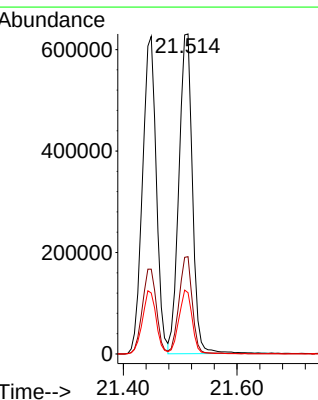
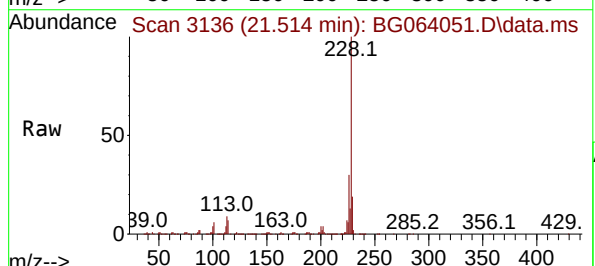
Tgt Ion:228 Resp: 1044616

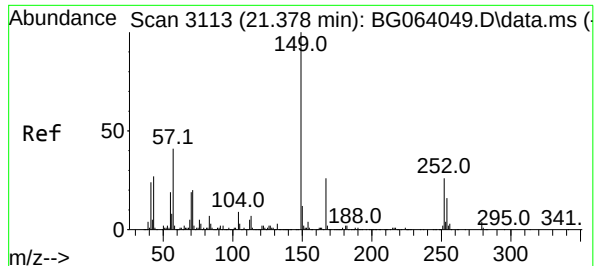
Ion Ratio Lower Upper

228 100

226 30.4 23.9 35.9

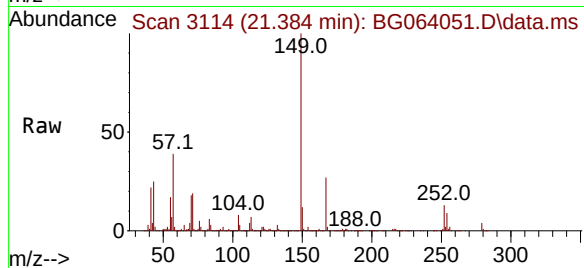
229 19.1 15.3 22.9





#84  
Bis(2-ethylhexyl)phthalate  
Concen: 68.341 ng  
RT: 21.384 min Scan# 3113  
Delta R.T. 0.006 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

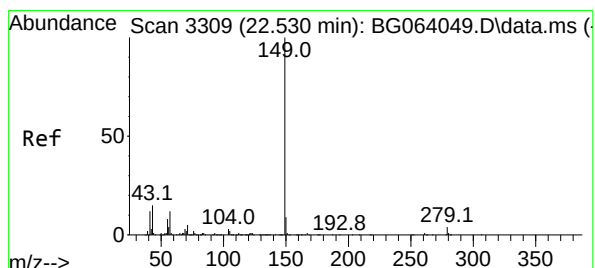
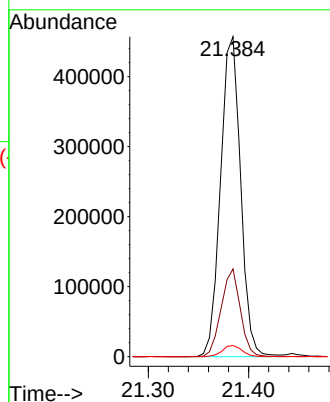
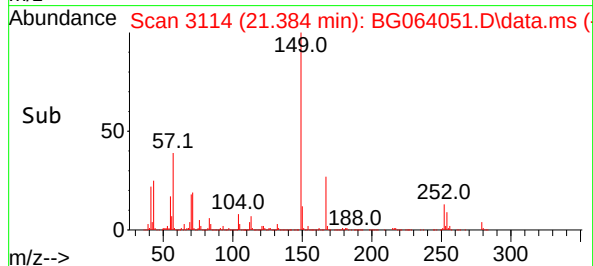
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:149 Resp: 633790  
Ion Ratio Lower Upper  
149 100  
167 27.4 21.0 31.6  
279 3.5 2.8 4.2

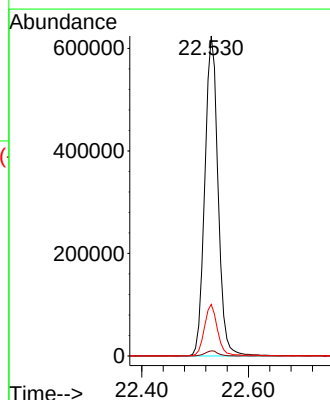
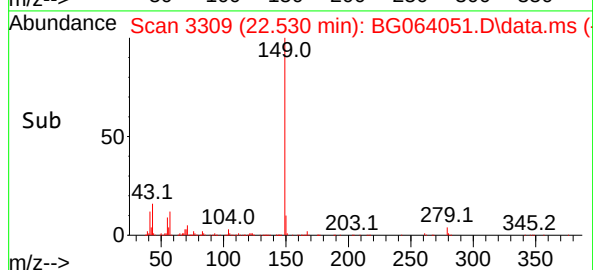
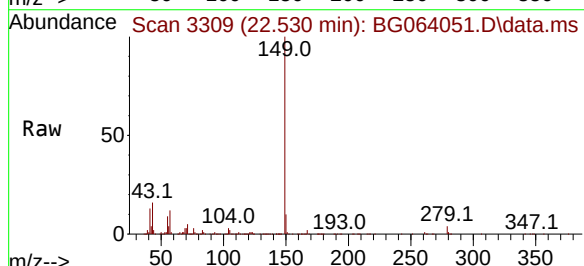
Manual Integrations  
APPROVED

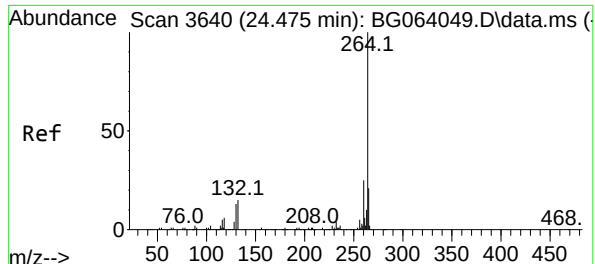
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#85  
Di-n-octyl phthalate  
Concen: 67.209 ng  
RT: 22.530 min Scan# 3309  
Delta R.T. 0.000 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

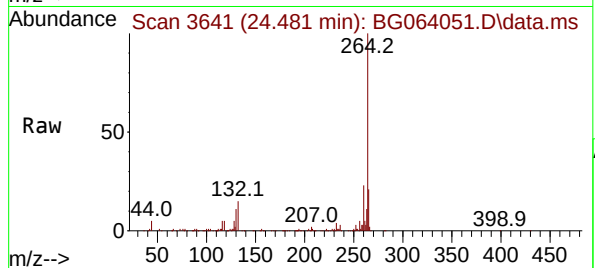
Tgt Ion:149 Resp: 1075085  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 15.9 12.6 19.0





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.481 min Scan# 30  
Delta R.T. 0.006 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

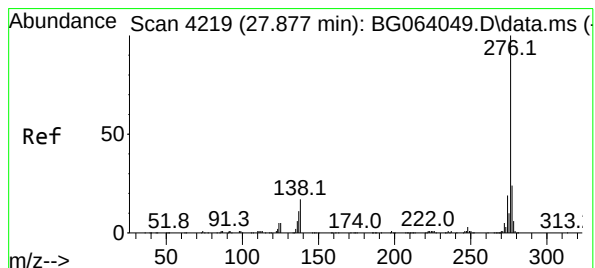
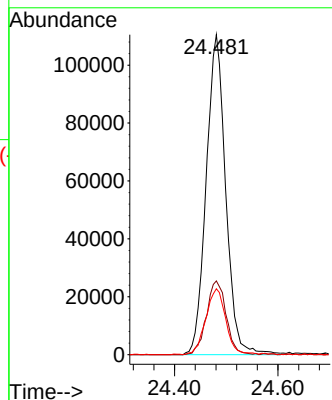
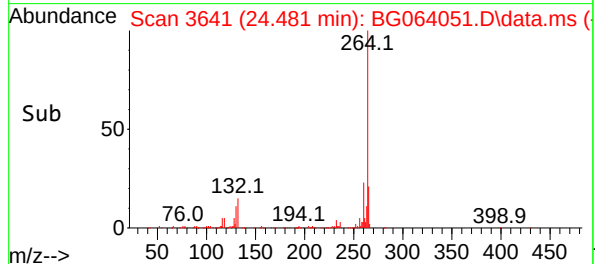
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:264 Resp: 28923  
Ion Ratio Lower Upper  
264 100  
260 23.1 19.6 29.4  
265 20.6 16.6 25.0

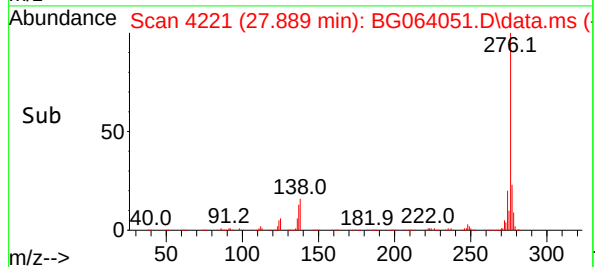
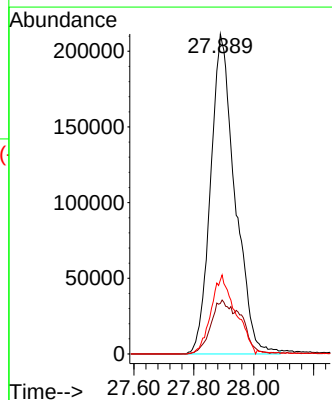
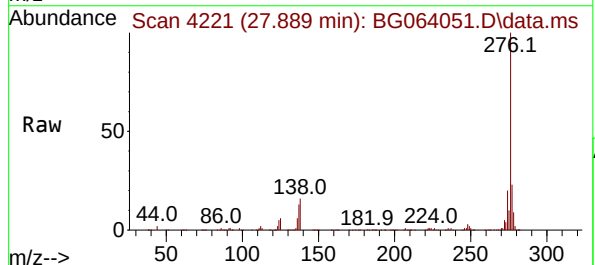
Manual Integrations  
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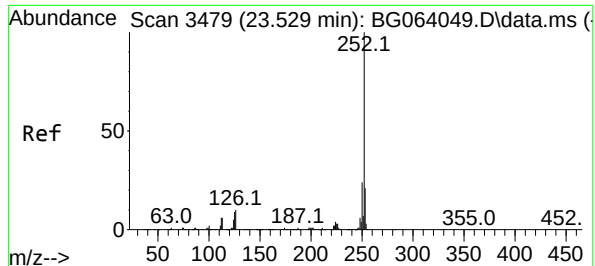
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#87  
Indeno(1,2,3-cd)pyrene  
Concen: 61.921 ng  
RT: 27.889 min Scan# 4221  
Delta R.T. 0.012 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

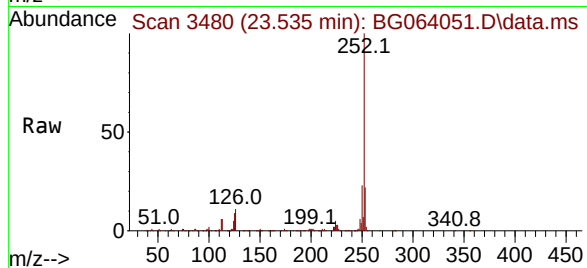
Tgt Ion:276 Resp: 1198276  
Ion Ratio Lower Upper  
276 100  
138 14.4 12.1 18.1  
277 24.8 20.0 30.0





#88  
Benzo(b)fluoranthene  
Concen: 60.290 ng  
RT: 23.535 min Scan# 3479  
Delta R.T. 0.006 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

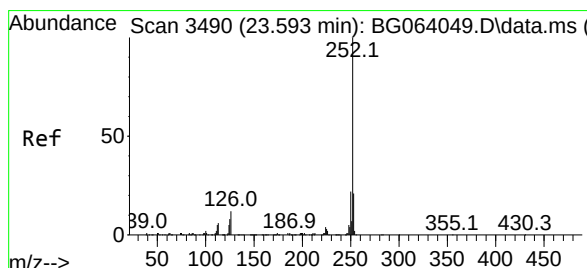
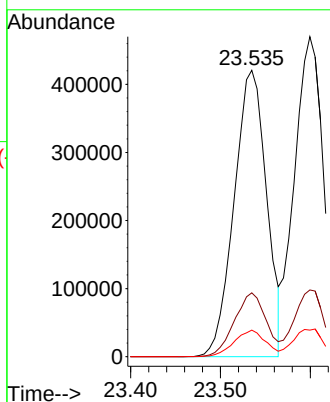
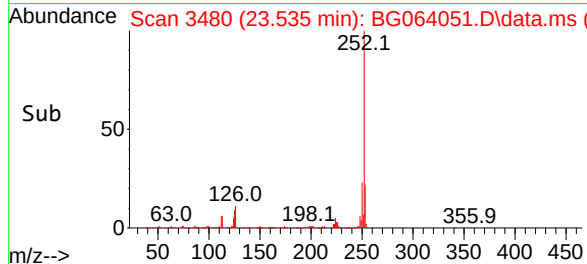
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:252 Resp: 1054170  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.0 25.4  
125 9.3 7.4 11.2

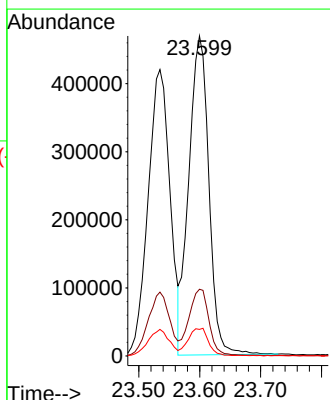
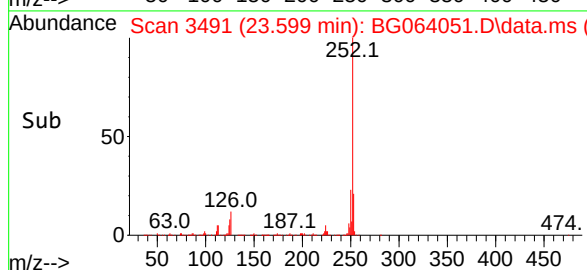
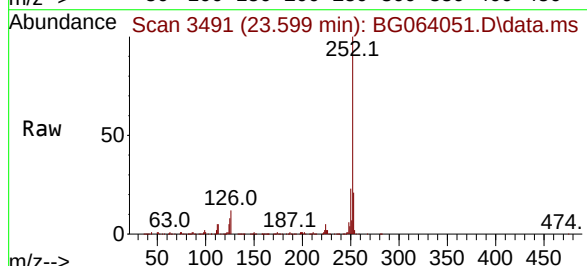
Manual Integrations  
APPROVED

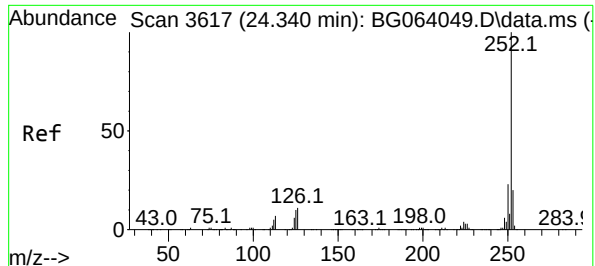
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#89  
Benzo(k)fluoranthene  
Concen: 61.033 ng  
RT: 23.599 min Scan# 3491  
Delta R.T. 0.006 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

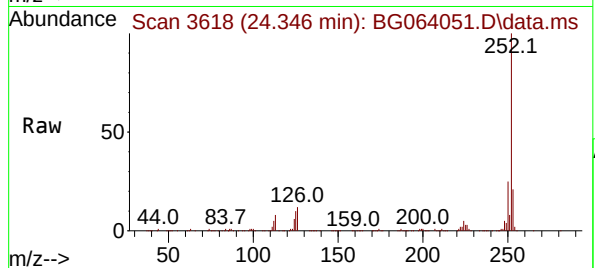
Tgt Ion:252 Resp: 1070595  
Ion Ratio Lower Upper  
252 100  
253 20.8 16.8 25.2  
125 8.3 6.9 10.3





#90  
Benzo(a)pyrene  
Concen: 60.853 ng  
RT: 24.346 min Scan# 30  
Delta R.T. 0.006 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04

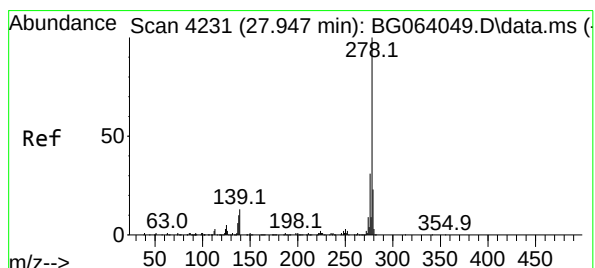
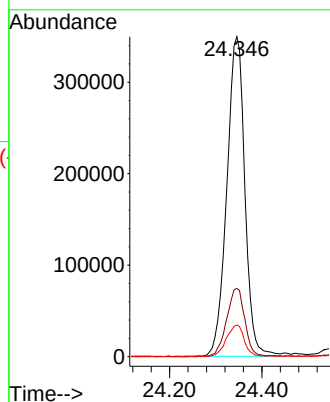
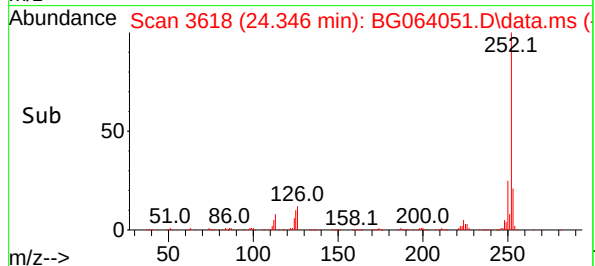
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



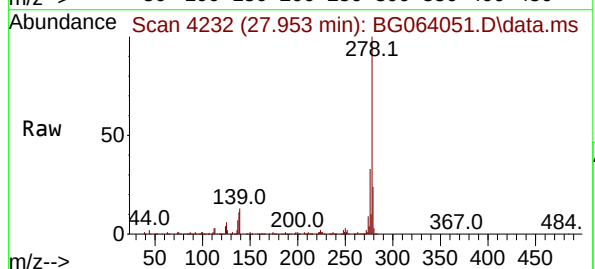
Tgt Ion:252 Resp: 947608  
Ion Ratio Lower Upper  
252 100  
253 21.4 16.2 24.2  
125 9.9 7.8 11.6

Manual Integrations  
APPROVED

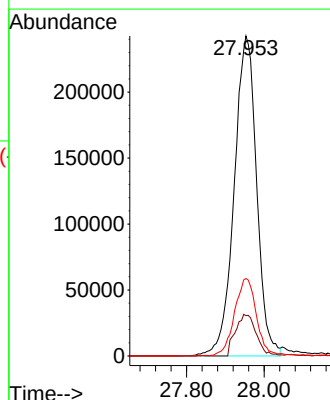
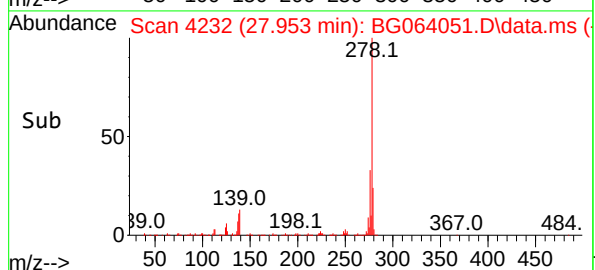
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

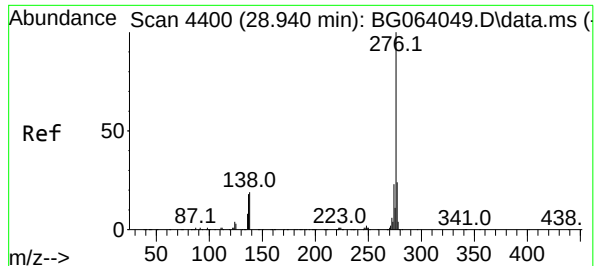


#91  
Dibenzo(a,h)anthracene  
Concen: 60.728 ng  
RT: 27.953 min Scan# 4232  
Delta R.T. 0.006 min  
Lab File: BG064051.D  
Acq: 5 Mar 2025 13:04



Tgt Ion:278 Resp: 974276  
Ion Ratio Lower Upper  
278 100  
139 12.6 10.2 15.2  
279 24.2 18.1 27.1





#92

Benzo(g,h,i)perylene

Concen: 60.851 ng

RT: 28.964 min Scan# 44

Delta R.T. 0.024 min

Lab File: BG064051.D

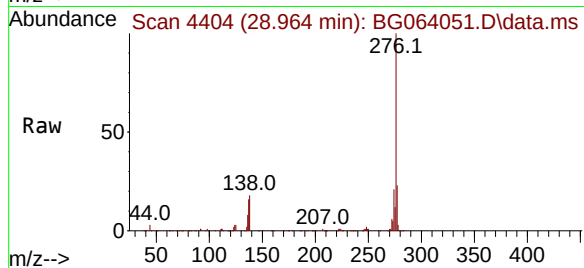
Acq: 5 Mar 2025 13:04

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060



Tgt Ion:276 Resp: 1002330

Ion Ratio Lower Upper

276 100

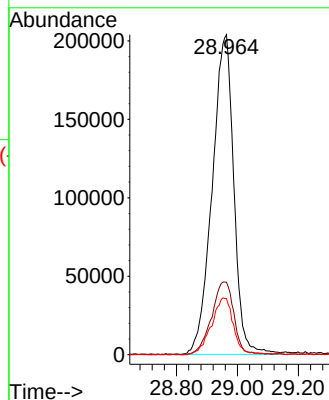
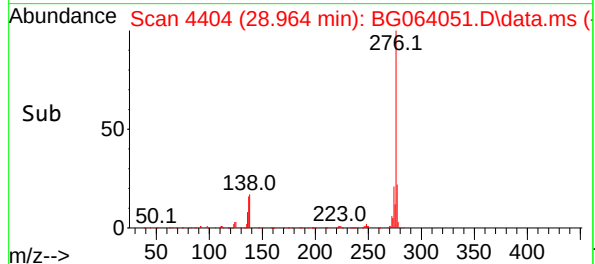
277 22.6 19.5 29.3

138 17.6 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030525\  
 Data File : BG064052.D  
 Acq On : 5 Mar 2025 13:44  
 Operator : RC/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDICC080

## Manual Integrations

## APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
 Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:25:59 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 05 14:45:06 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.865  | 152  | 38973    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.656 | 136  | 174562   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.493 | 164  | 119753   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.231 | 188  | 261353   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.467 | 240  | 257789   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.481 | 264  | 274554   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.456  | 112  | 406682   | 162.936 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.037  | 99   | 562221   | 165.580 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.029  | 82   | 570757   | 180.687 | ng    | 0.01     |
| 42) 2,4,6-Tribromophenol      | 15.979 | 330  | 230590   | 173.228 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.118 | 172  | 1198476  | 151.908 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.857 | 244  | 1912762  | 150.030 | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.376  | 88   | 86434    | 76.411  | ng    | 97       |
| 3) Pyridine                   | 3.770  | 79   | 194608   | 70.740  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.682  | 42   | 166554   | 84.738  | ng    | 98       |
| 6) Aniline                    | 7.196  | 93   | 260509   | 78.188  | ng    | 97       |
| 8) 2-Chlorophenol             | 7.436  | 128  | 221296   | 82.552  | ng    | 96       |
| 10) Phenol                    | 7.066  | 94   | 287854   | 82.802  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.295  | 93   | 217240   | 79.707  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.760  | 146  | 235126   | 79.873  | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 7.901  | 146  | 238817   | 79.149  | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 8.224  | 146  | 233348   | 80.201  | ng    | 97       |
| 15) Benzyl Alcohol            | 8.106  | 79   | 227176   | 86.581  | ng    | 94       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.400  | 45   | 502220   | 81.950  | ng    | 99       |
| 17) 2-Methylphenol            | 8.306  | 107  | 198161   | 85.886  | ng    | 98       |
| 18) Hexachloroethane          | 8.946  | 117  | 90416    | 85.647  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.682  | 70   | 197732   | 82.978  | ng    | 96       |
| 20) 3+4-Methylphenols         | 8.641  | 107  | 269552   | 84.861  | ng    | 92       |
| 22) Acetophenone              | 8.688  | 105  | 379097   | 79.207  | ng    | 99       |
| 24) Nitrobenzene              | 9.064  | 77   | 285702   | 87.518  | ng    | 99       |
| 25) Isophorone                | 9.593  | 82   | 507481   | 80.266  | ng    | 96       |
| 26) 2-Nitrophenol             | 9.769  | 139  | 102389   | 79.399  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.834  | 122  | 159995   | 84.413  | ng    | 94       |
| 28) bis(2-Chloroethoxy)met... | 10.074 | 93   | 310803   | 81.082  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.304 | 162  | 208425   | 87.086  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.521 | 180  | 231572   | 80.151  | ng    | 99       |
| 31) Naphthalene               | 10.709 | 128  | 752327   | 79.925  | ng    | 99       |
| 32) Benzoic acid              | 10.022 | 122  | 153536m  | 81.016  | ng    |          |
| 33) 4-Chloroaniline           | 10.815 | 127  | 281930   | 81.948  | ng    | 100      |
| 34) Hexachlorobutadiene       | 10.997 | 225  | 152146   | 80.341  | ng    | 98       |
| 35) Caprolactam               | 11.608 | 113  | 77479    | 84.477  | ng    | # 82     |
| 36) 4-Chloro-3-methylphenol   | 11.937 | 107  | 262810   | 83.772  | ng    | 100      |
| 37) 2-Methylnaphthalene       | 12.313 | 142  | 524206   | 78.886  | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.536 | 142  | 511482   | 78.566  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.683 | 216  | 271079   | 79.289  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.671 | 237  | 87700    | 91.141  | ng    | 95       |
| 43) 2,4,6-Trichlorophenol     | 12.924 | 196  | 175233   | 86.966  | ng    | 97       |
| 44) 2,4,5-Trichlorophenol     | 12.995 | 196  | 197831   | 88.360  | ng    | 99       |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030525\  
 Data File : BG064052.D  
 Acq On : 5 Mar 2025 13:44  
 Operator : RC/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDICC080

## Manual Integrations

## APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
 Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:25:59 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 05 14:45:06 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 46) 1,1'-Biphenyl             | 13.329 | 154  | 706656   | 78.106 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.371 | 162  | 528541   | 80.099 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.570 | 65   | 195363   | 79.407 | ng    | 97       |
| 49) Acenaphthylene            | 14.217 | 152  | 822307   | 78.787 | ng    | 99       |
| 50) Dimethylphthalate         | 13.958 | 163  | 695598   | 78.689 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.070 | 165  | 147719   | 79.965 | ng    | 98       |
| 52) Acenaphthene              | 14.557 | 154  | 540444   | 76.999 | ng    | 97       |
| 53) 3-Nitroaniline            | 14.399 | 138  | 154723   | 90.561 | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 14.599 | 184  | 61808    | 82.400 | ng    | # 81     |
| 55) Dibenzofuran              | 14.892 | 168  | 874479   | 77.066 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.698 | 139  | 126982   | 88.621 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 14.857 | 165  | 203301   | 79.564 | ng    | # 97     |
| 58) Fluorene                  | 15.539 | 166  | 668072   | 75.593 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.116 | 232  | 188307   | 86.273 | ng    | # 95     |
| 60) Diethylphthalate          | 15.321 | 149  | 758650   | 79.055 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.539 | 204  | 326141   | 74.261 | ng    | 91       |
| 62) 4-Nitroaniline            | 15.562 | 138  | 159478   | 86.459 | ng    | 91       |
| 63) Azobenzene                | 15.832 | 77   | 787412   | 76.893 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.615 | 198  | 100338   | 81.905 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 15.750 | 169  | 590976   | 79.884 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 16.432 | 248  | 222258   | 83.033 | ng    | 96       |
| 68) Hexachlorobenzene         | 16.543 | 284  | 240907   | 80.390 | ng    | 98       |
| 70) Pentachlorophenol         | 16.884 | 266  | 170842   | 91.819 | ng    | 98       |
| 71) Phenanthrene              | 17.278 | 178  | 1094187  | 78.492 | ng    | 99       |
| 72) Anthracene                | 17.366 | 178  | 1099164  | 79.297 | ng    | 97       |
| 73) Carbazole                 | 17.636 | 167  | 999549   | 77.234 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.206 | 149  | 1263186  | 82.920 | ng    | 99       |
| 75) Fluoranthene              | 19.287 | 202  | 1276040  | 75.929 | ng    | 99       |
| 77) Benzidine                 | 19.463 | 184  | 279417   | 77.211 | ng    | 99       |
| 78) Pyrene                    | 19.646 | 202  | 1321748  | 79.539 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.550 | 149  | 517770   | 80.379 | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.449 | 228  | 1325828  | 80.289 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.367 | 252  | 423636   | 79.269 | ng    | 100      |
| 83) Chrysene                  | 21.514 | 228  | 1291089  | 78.391 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.385 | 149  | 806194   | 90.273 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.530 | 149  | 1379517  | 89.556 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.895 | 276  | 1530546  | 83.318 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.541 | 252  | 1356996  | 81.758 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.606 | 252  | 1334083  | 80.120 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.346 | 252  | 1200152  | 81.191 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene    | 27.959 | 278  | 1273882  | 83.647 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 28.970 | 276  | 1282909  | 82.048 | ng    | 98       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

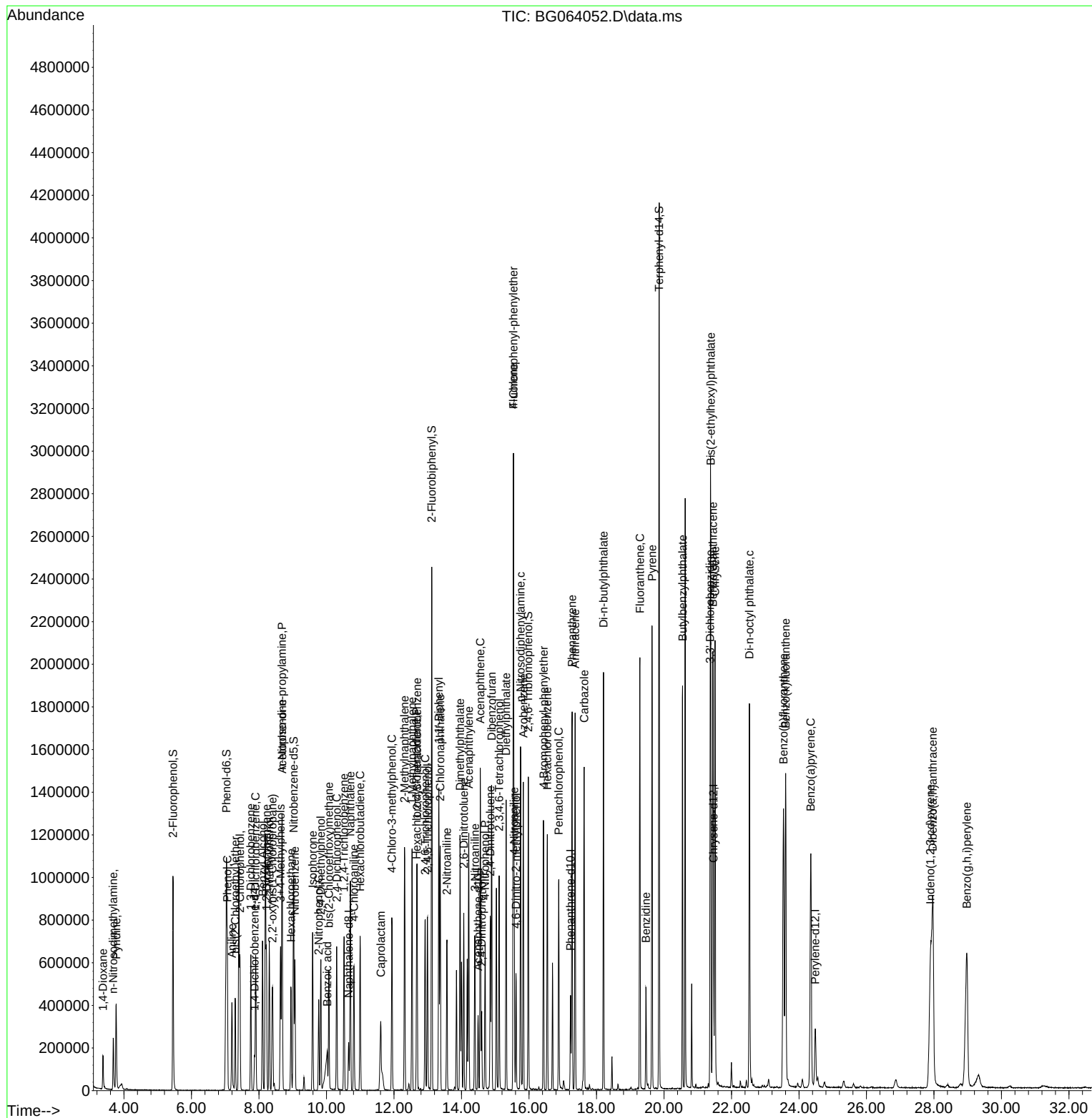
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030525\  
Data File : BG064052.D  
Acq On : 5 Mar 2025 13:44  
Operator : RC/JU  
Sample : SSTDICC080  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

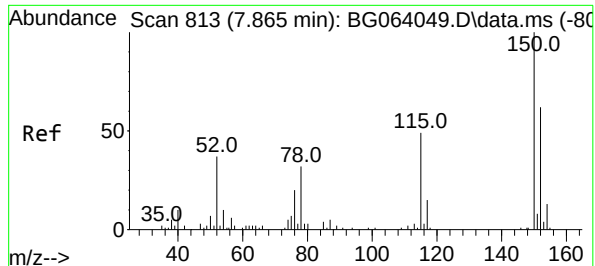
**Instrument :**  
BNA\_G  
**ClientSampleId :**  
SSTDICC080

## Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

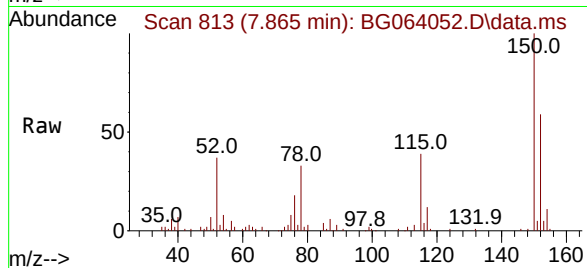
Quant Time: Mar 05 15:25:59 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Mar 05 14:45:06 2025  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.865 min Scan# 813  
Delta R.T. 0.000 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

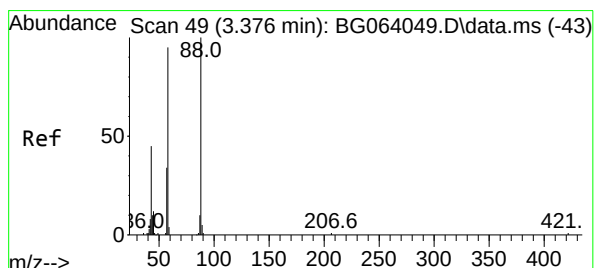
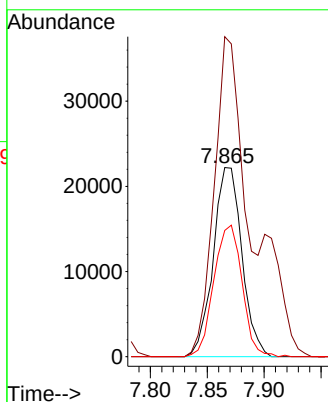
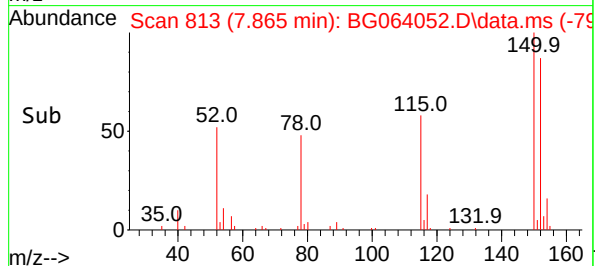
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:152 Resp: 3897  
Ion Ratio Lower Upper  
152 100  
150 169.1 129.2 193.8  
115 66.7 63.0 94.6

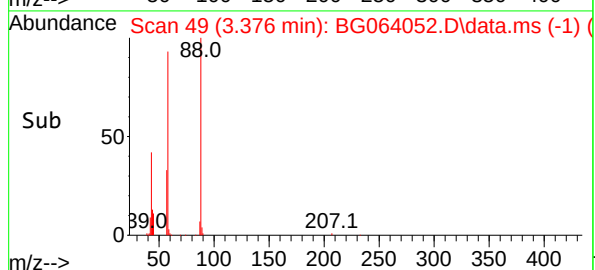
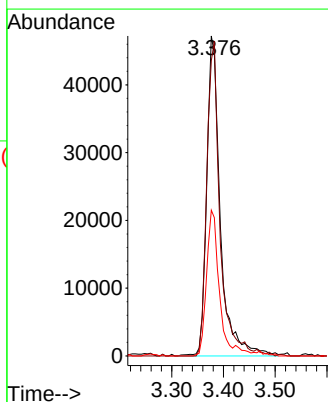
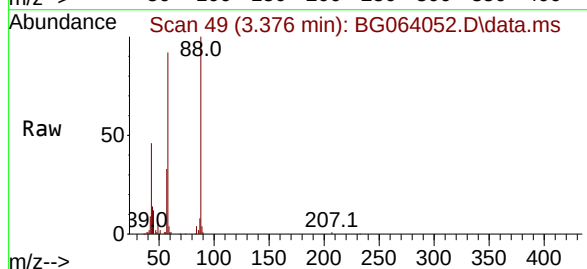
Manual Integrations  
APPROVED

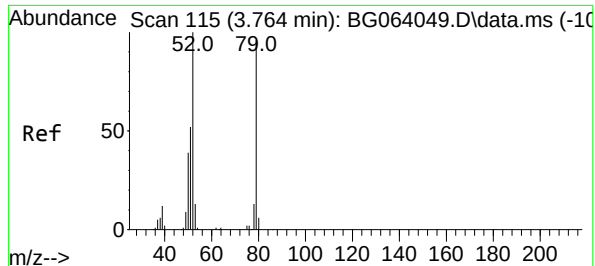
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#2  
1,4-Dioxane  
Concen: 76.411 ng  
RT: 3.376 min Scan# 49  
Delta R.T. 0.001 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

Tgt Ion: 88 Resp: 86434  
Ion Ratio Lower Upper  
88 100  
58 95.8 74.6 111.8  
43 43.0 35.5 53.3





#3

Pyridine

Concen: 70.740 ng

RT: 3.770 min Scan# 115

Delta R.T. 0.006 min

Lab File: BG064052.D

Acq: 5 Mar 2025 13:44

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 194608

Ion Ratio Lower Upper

79 100

52 103.3 83.0 124.6

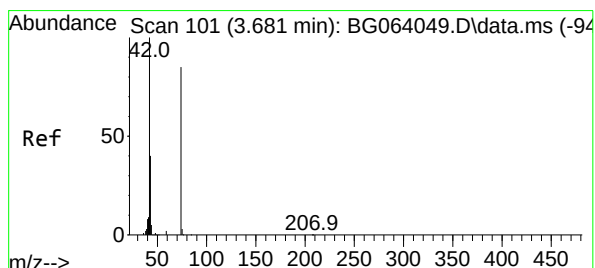
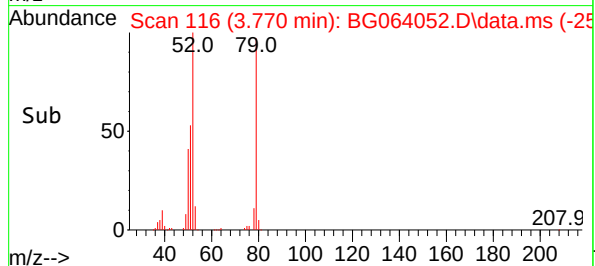
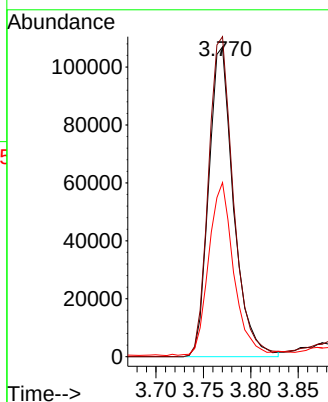
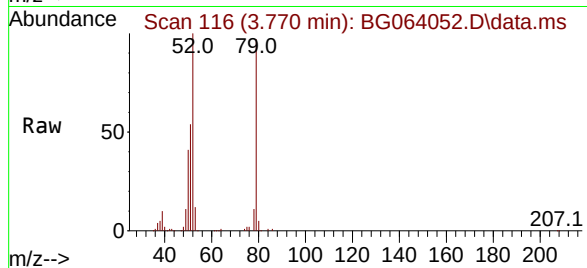
51 56.2 44.3 66.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025

Supervised By :mohammad ahmed 03/07/2025



#4

n-Nitrosodimethylamine

Concen: 84.738 ng

RT: 3.682 min Scan# 101

Delta R.T. 0.001 min

Lab File: BG064052.D

Acq: 5 Mar 2025 13:44

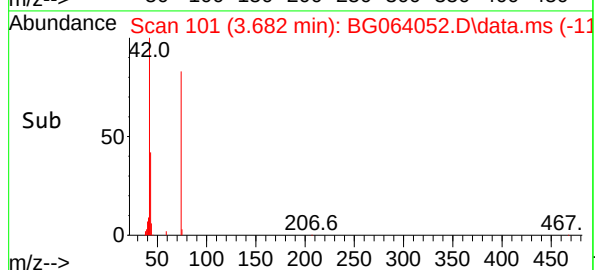
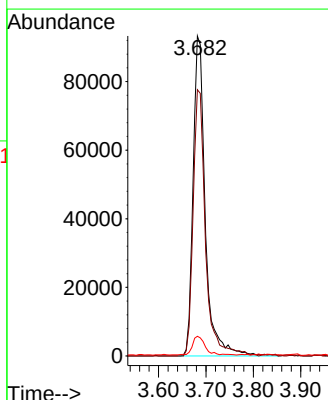
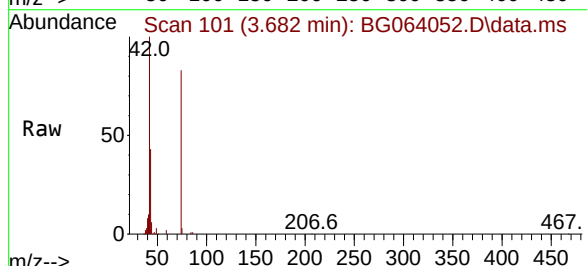
Tgt Ion: 42 Resp: 166554

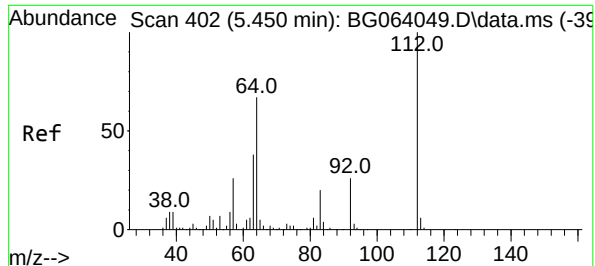
Ion Ratio Lower Upper

42 100

74 83.2 68.0 102.0

44 6.2 4.9 7.3





#5

2-Fluorophenol

Concen: 162.936 ng

RT: 5.456 min Scan# 402

Delta R.T. 0.006 min

Lab File: BG064052.D

Acq: 5 Mar 2025 13:44

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

Tgt Ion:112 Resp: 406682

Ion Ratio Lower Upper

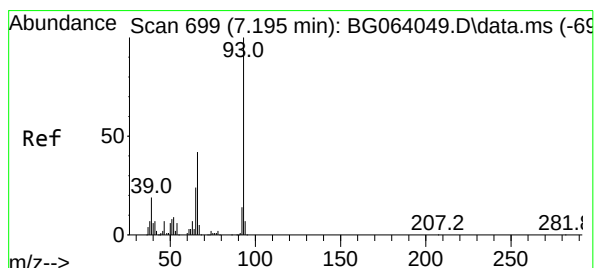
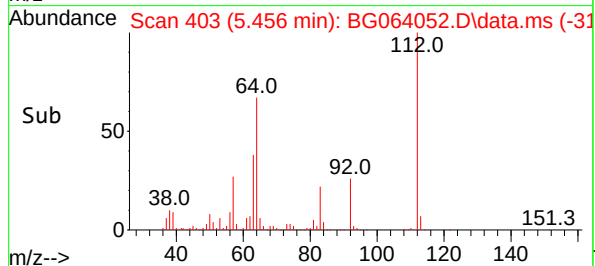
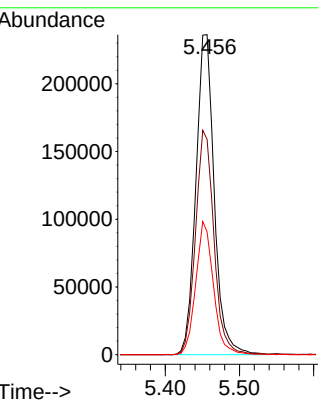
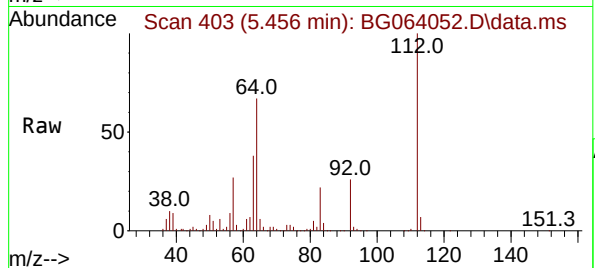
112 100

64 67.3 53.7 80.5

63 38.4 30.2 45.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

#6

Aniline

Concen: 78.188 ng

RT: 7.196 min Scan# 699

Delta R.T. 0.001 min

Lab File: BG064052.D

Acq: 5 Mar 2025 13:44

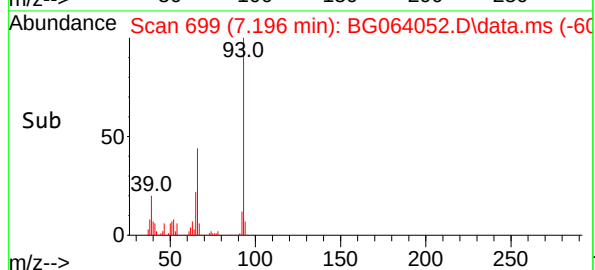
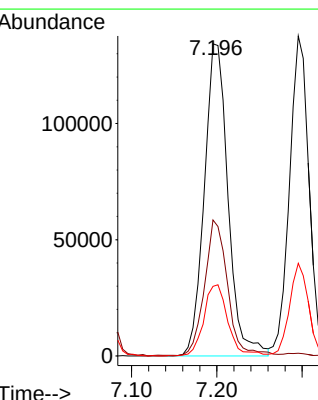
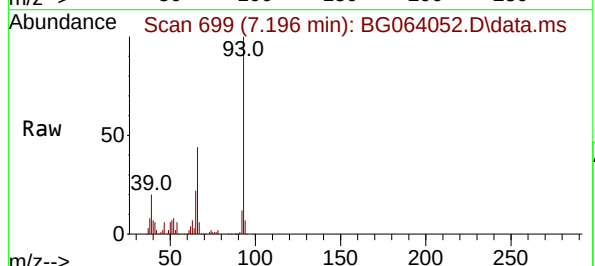
Tgt Ion: 93 Resp: 260509

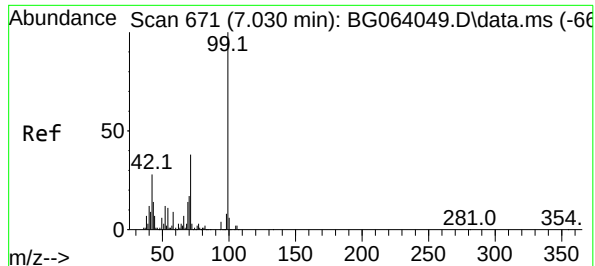
Ion Ratio Lower Upper

93 100

66 43.6 33.7 50.5

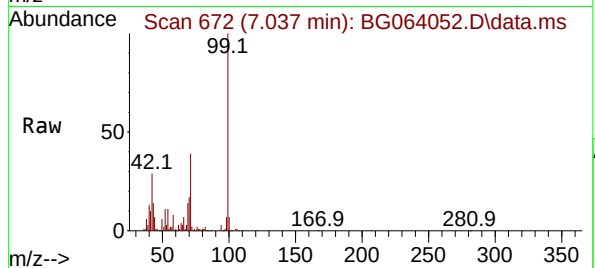
65 22.3 19.1 28.7





#7  
Phenol-d6  
Concen: 165.580 ng  
RT: 7.037 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

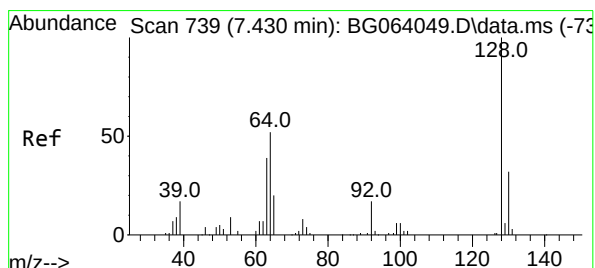
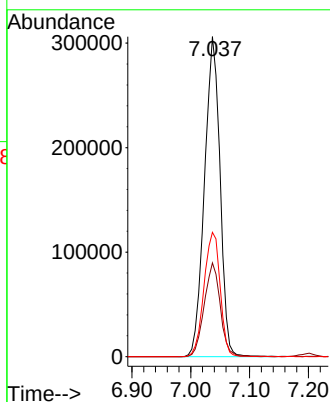
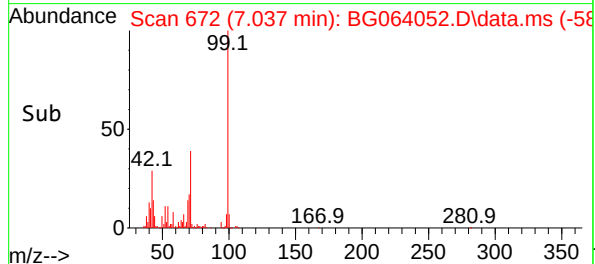
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion: 99 Resp: 56222  
Ion Ratio Lower Upper  
99 100  
42 29.3 22.7 34.1  
71 38.9 30.6 46.0

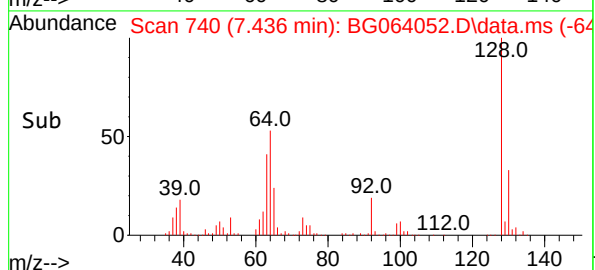
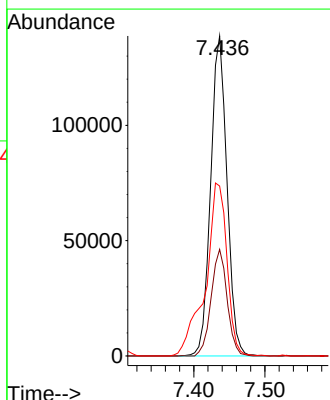
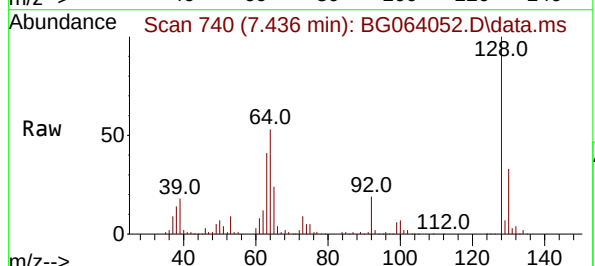
Manual Integrations  
APPROVED

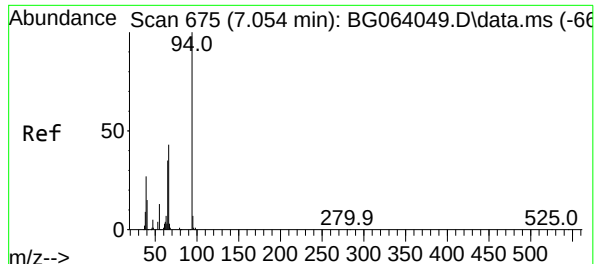
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#8  
2-Chlorophenol  
Concen: 82.552 ng  
RT: 7.436 min Scan# 740  
Delta R.T. 0.006 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

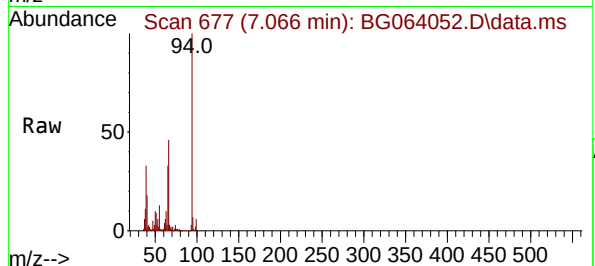
Tgt Ion:128 Resp: 221296  
Ion Ratio Lower Upper  
128 100  
130 33.3 12.3 52.3  
64 53.1 37.0 77.0





#10  
Phenol  
Concen: 82.802 ng  
RT: 7.066 min Scan# 677  
Delta R.T. 0.012 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

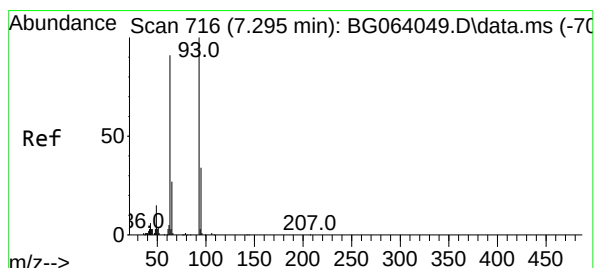
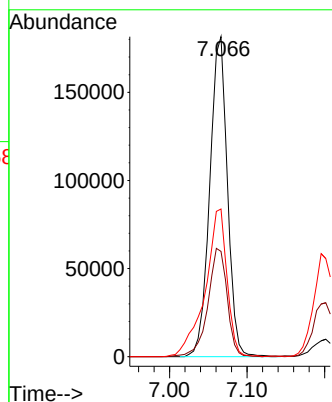
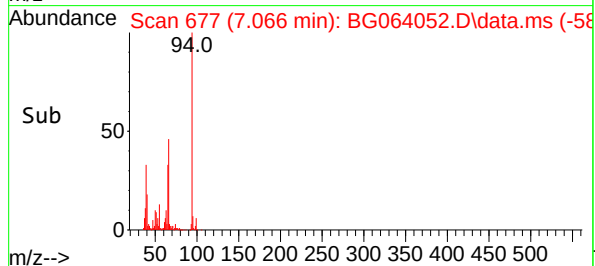
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion: 94 Resp: 287854  
Ion Ratio Lower Upper  
94 100  
65 32.9 15.2 55.2  
66 46.1 25.1 65.1

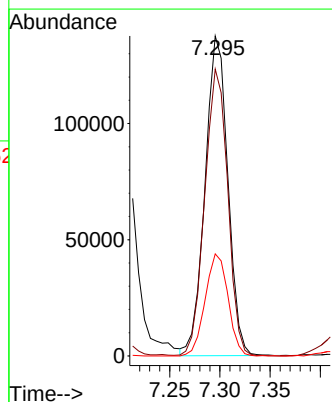
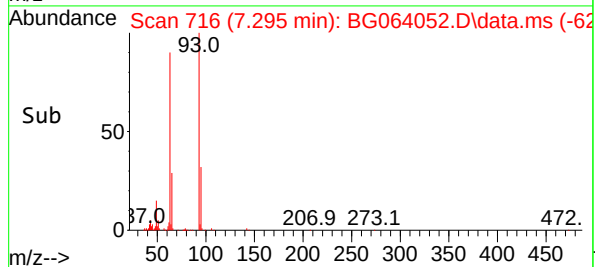
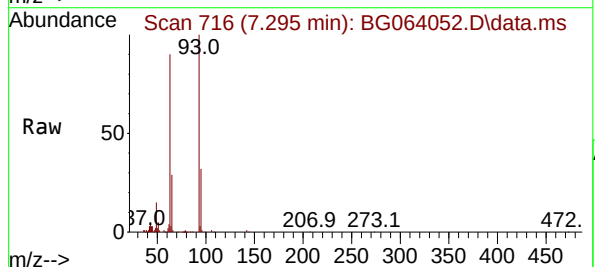
Manual Integrations  
APPROVED

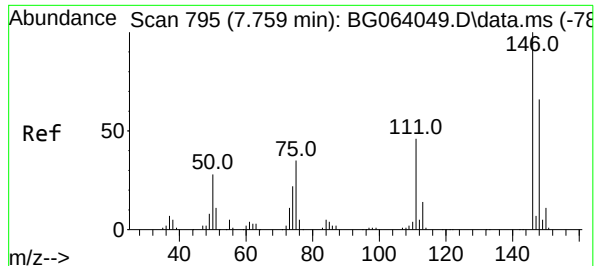
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#11  
bis(2-Chloroethyl)ether  
Concen: 79.707 ng  
RT: 7.295 min Scan# 716  
Delta R.T. 0.001 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

Tgt Ion: 93 Resp: 217240  
Ion Ratio Lower Upper  
93 100  
63 89.6 70.0 110.0  
95 31.9 13.7 53.7





#12

1,3-Dichlorobenzene

Concen: 79.873 ng

RT: 7.760 min Scan# 795

Delta R.T. 0.001 min

Lab File: BG064052.D

Acq: 5 Mar 2025 13:44

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 235120

Ion Ratio Lower Upper

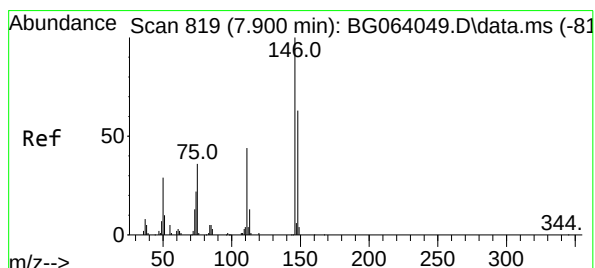
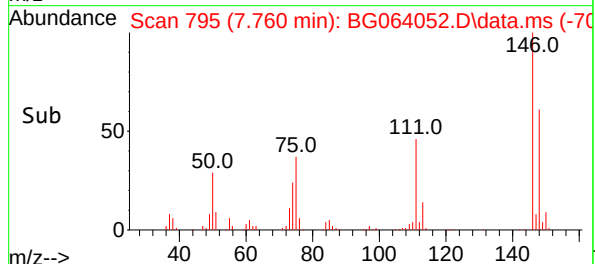
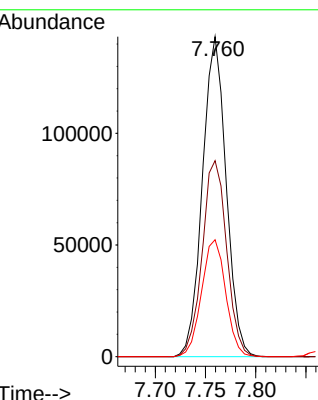
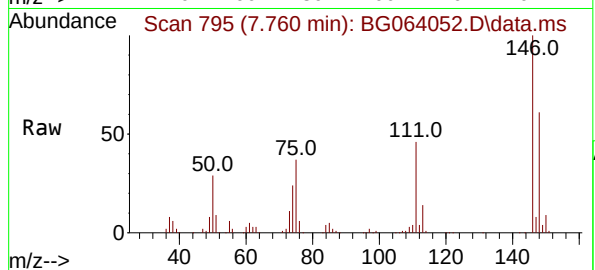
146 100

148 61.3 52.6 78.8

75 36.5 28.1 42.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

#13

1,4-Dichlorobenzene

Concen: 79.149 ng

RT: 7.901 min Scan# 819

Delta R.T. 0.001 min

Lab File: BG064052.D

Acq: 5 Mar 2025 13:44

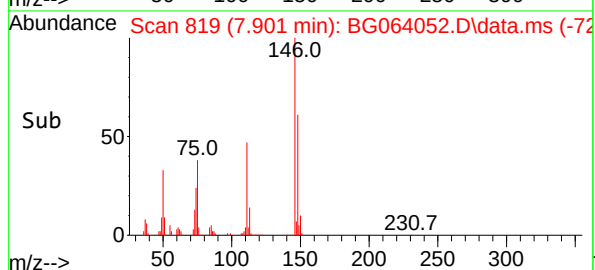
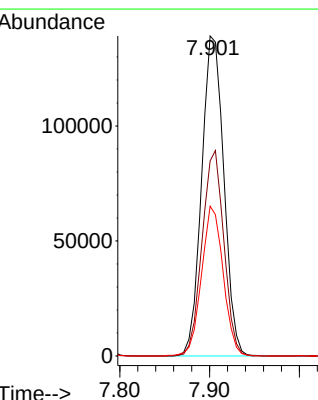
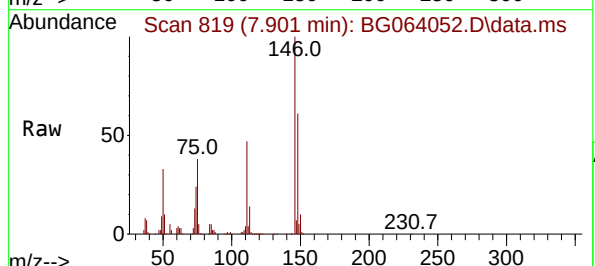
Tgt Ion:146 Resp: 238817

Ion Ratio Lower Upper

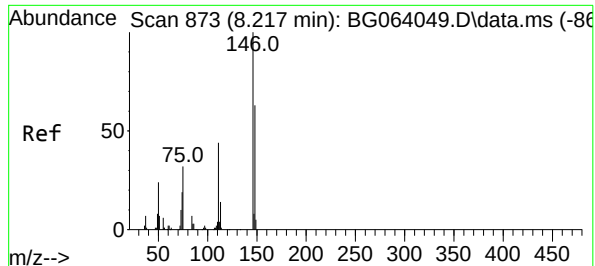
146 100

148 60.9 50.6 75.8

111 46.8 35.1 52.7







#14

1,2-Dichlorobenzene

Concen: 80.201 ng

RT: 8.224 min Scan# 81

Delta R.T. 0.006 min

Lab File: BG064052.D

Acq: 5 Mar 2025 13:44

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 23334

Ion Ratio Lower Upper

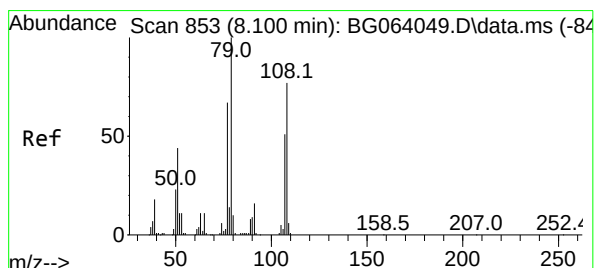
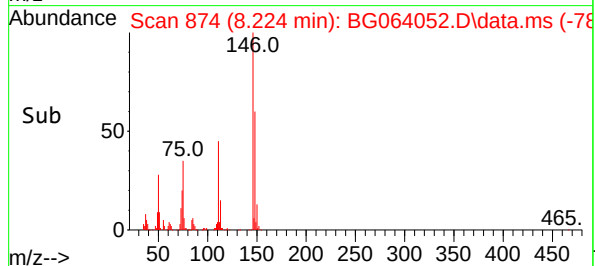
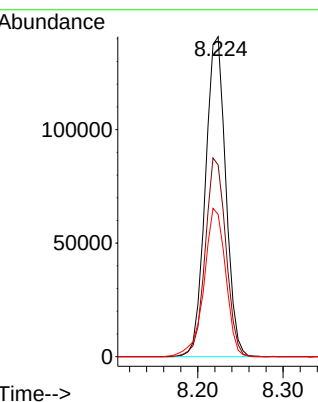
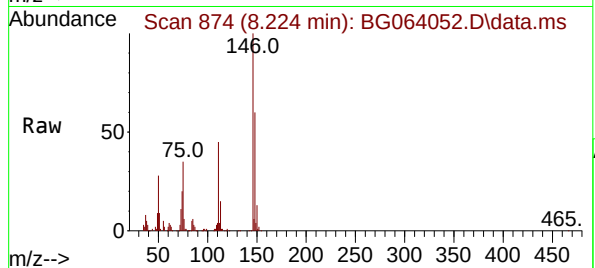
146 100

148 60.0 50.2 75.2

111 44.5 36.4 54.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

#15

Benzyl Alcohol

Concen: 86.581 ng

RT: 8.106 min Scan# 854

Delta R.T. 0.006 min

Lab File: BG064052.D

Acq: 5 Mar 2025 13:44

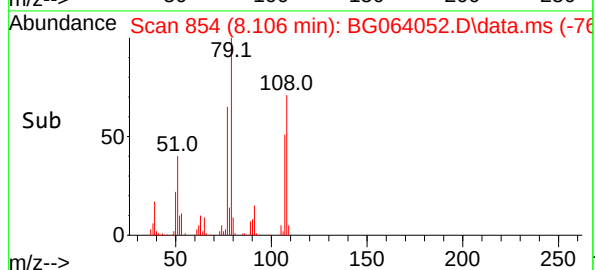
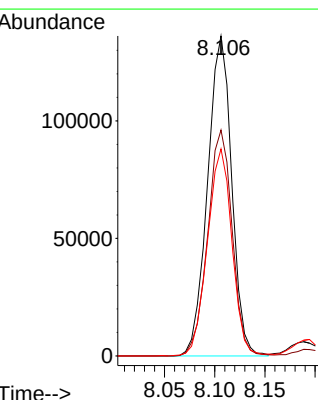
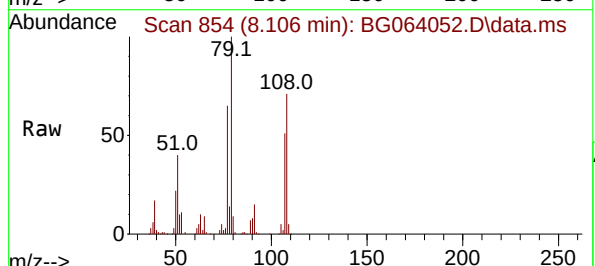
Tgt Ion: 79 Resp: 227176

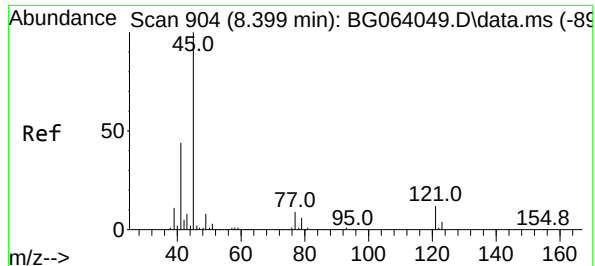
Ion Ratio Lower Upper

79 100

108 70.6 61.7 92.5

77 64.7 53.9 80.9





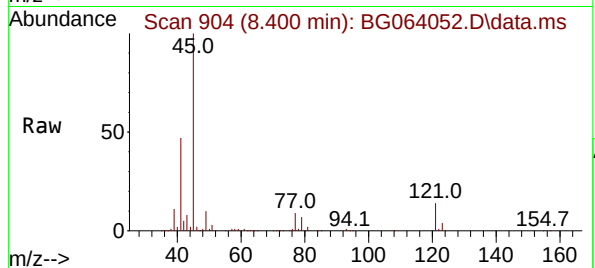
#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 81.950 ng  
RT: 8.400 min Scan# 904  
Delta R.T. 0.001 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

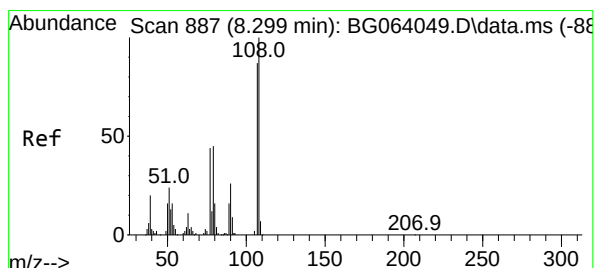
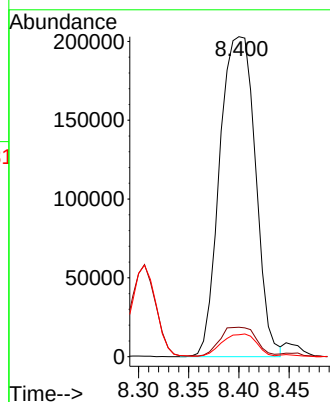
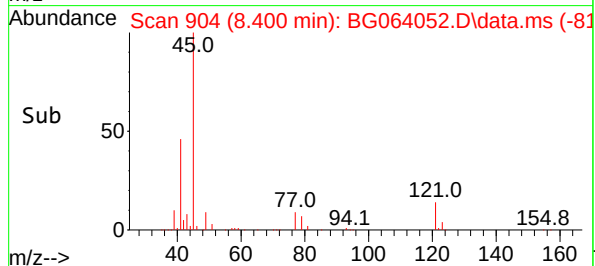


Tgt Ion: 45 Resp: 502220  
Ion Ratio Lower Upper  
45 100  
77 9.2 0.0 29.0  
79 6.9 0.0 26.6

Manual Integrations

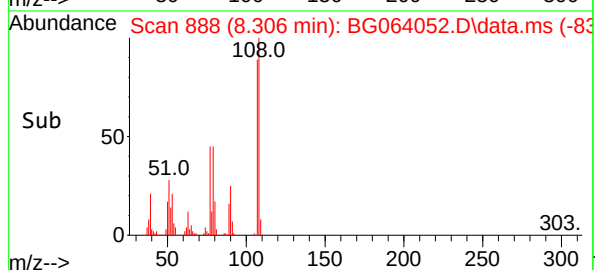
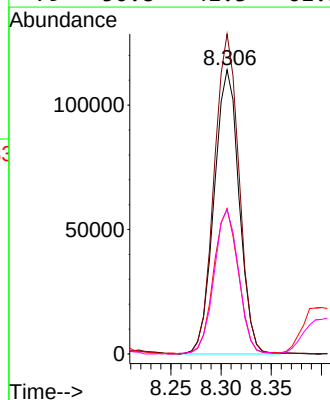
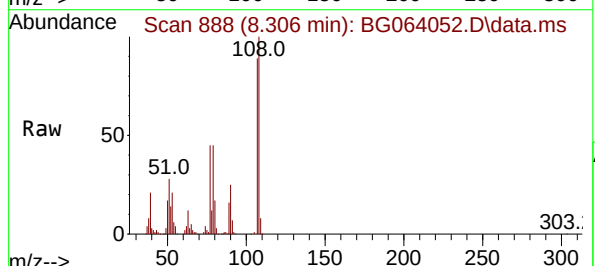
APPROVED

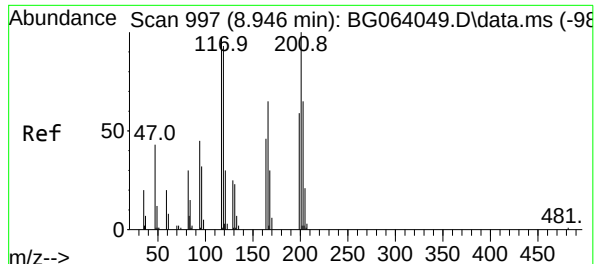
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#17  
2-Methylphenol  
Concen: 85.886 ng  
RT: 8.306 min Scan# 888  
Delta R.T. 0.006 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

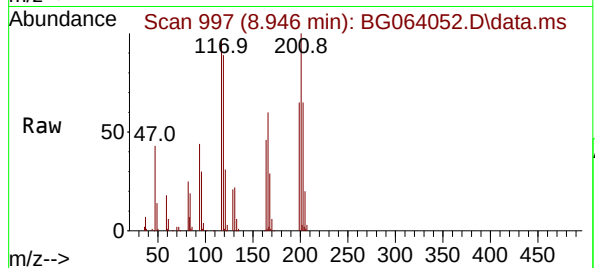
Tgt Ion:107 Resp: 198161  
Ion Ratio Lower Upper  
107 100  
108 112.6 92.5 138.7  
77 51.2 40.5 60.7  
79 50.8 41.3 61.9





#18  
Hexachloroethane  
Concen: 85.647 ng  
RT: 8.946 min Scan# 997  
Delta R.T. 0.001 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

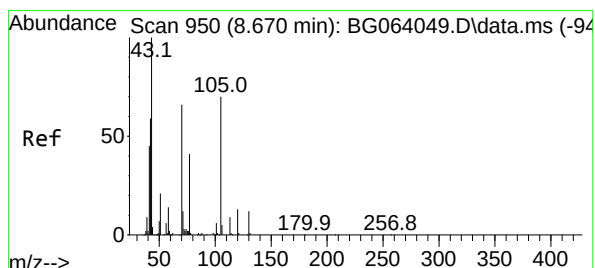
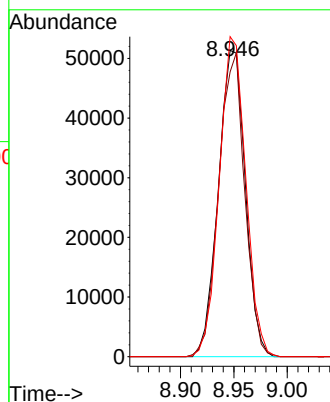
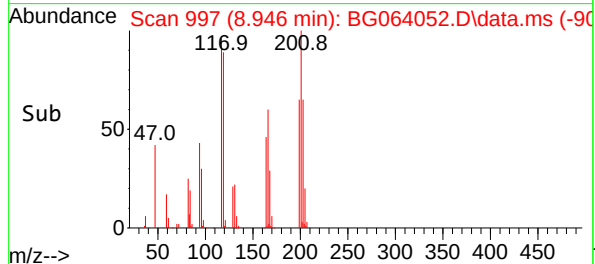
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion: 117 Resp: 90410  
Ion Ratio Lower Upper  
117 100  
119 93.0 76.2 114.2  
201 104.5 81.5 122.3

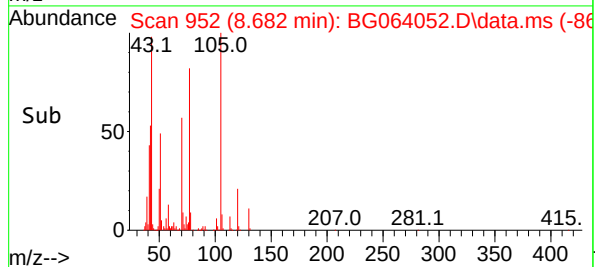
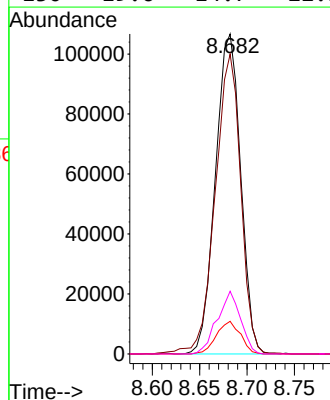
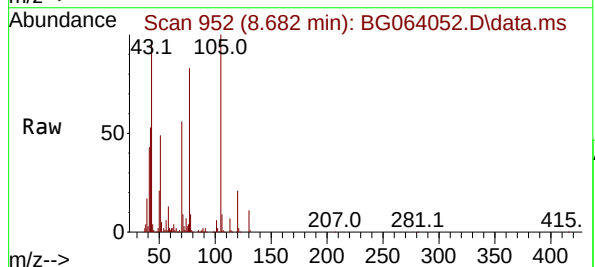
Manual Integrations  
APPROVED

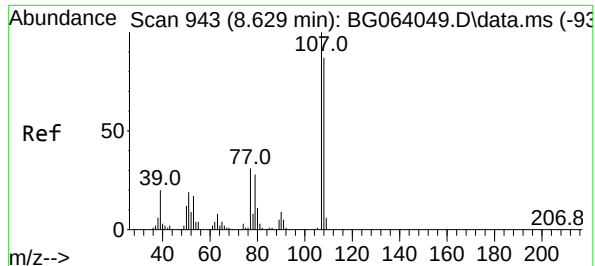
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#19  
n-Nitroso-di-n-propylamine  
Concen: 82.978 ng  
RT: 8.682 min Scan# 952  
Delta R.T. 0.012 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

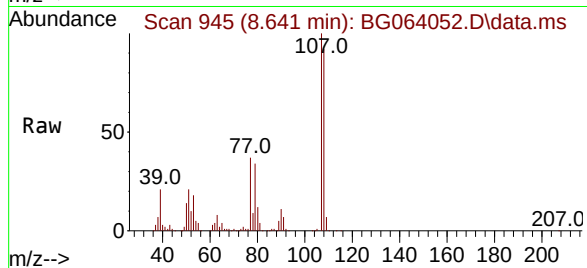
Tgt Ion: 70 Resp: 197732  
Ion Ratio Lower Upper  
70 100  
42 93.7 72.1 108.1  
101 10.2 7.2 10.8  
130 19.6 14.7 22.1





#20  
3+4-Methylphenols  
Concen: 84.861 ng  
RT: 8.641 min Scan# 943  
Delta R.T. 0.012 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

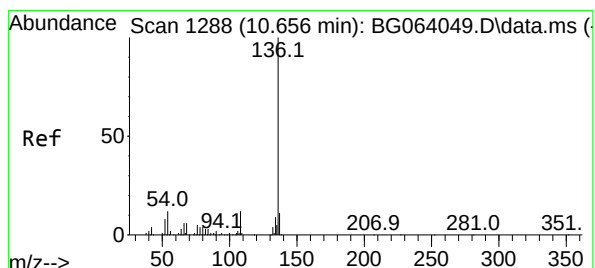
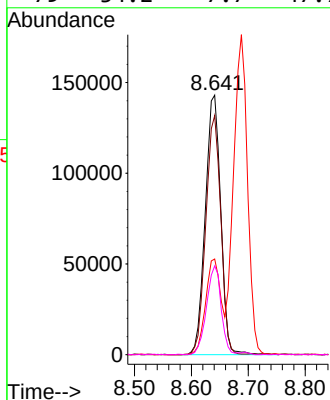
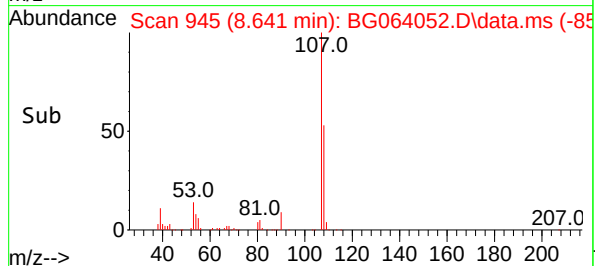
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



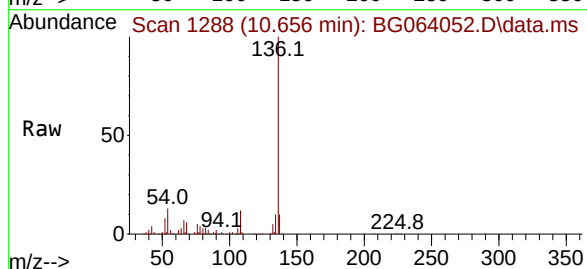
Tgt Ion:107 Resp: 269552  
Ion Ratio Lower Upper  
107 100  
108 92.1 67.0 107.0  
77 36.9 11.2 51.2  
79 34.2 7.7 47.7

Manual Integrations  
APPROVED

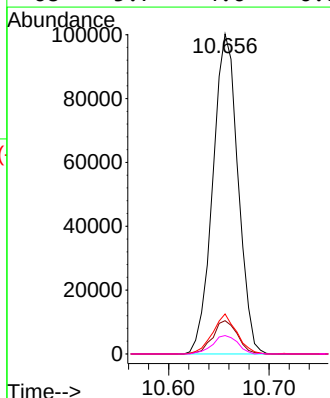
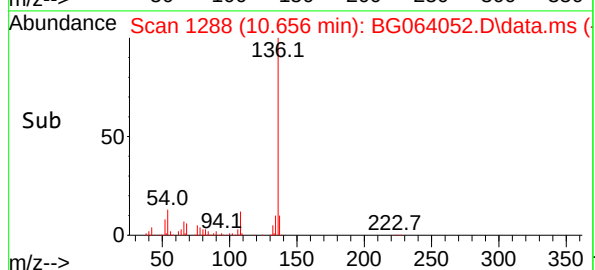
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

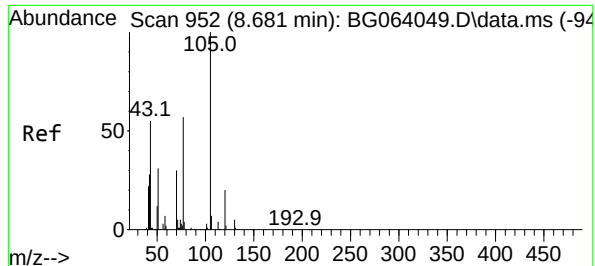


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.656 min Scan# 1288  
Delta R.T. 0.000 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44



Tgt Ion:136 Resp: 174562  
Ion Ratio Lower Upper  
136 100  
137 10.4 8.5 12.7  
54 12.5 9.9 14.9  
68 5.7 4.6 6.8





#22

Acetophenone

Concen: 79.207 ng

RT: 8.688 min Scan# 91

Delta R.T. 0.006 min

Lab File: BG064052.D

Acq: 5 Mar 2025 13:44

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

Tgt Ion:105 Resp: 37909

Ion Ratio Lower Upper

105 100

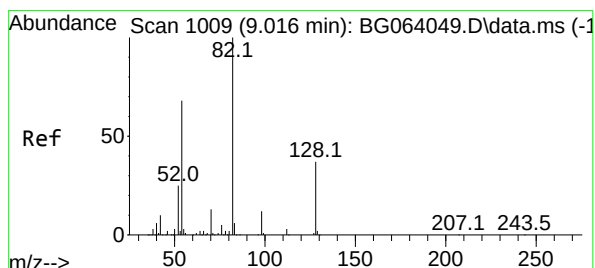
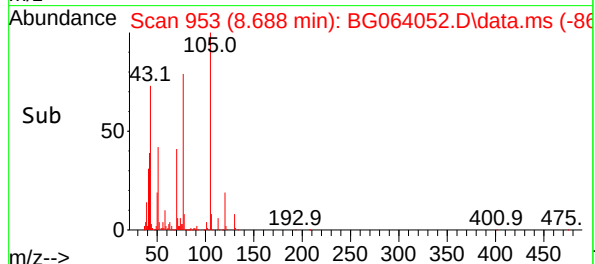
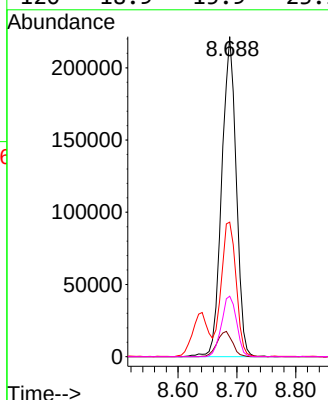
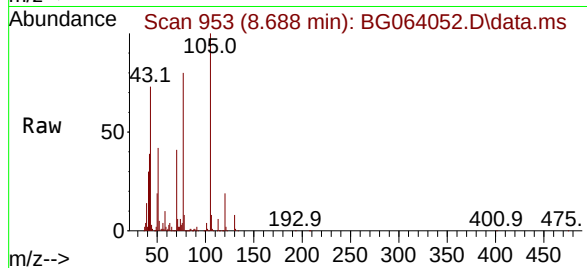
71 6.1 4.2 6.4

51 42.1 33.3 49.9

120 18.9 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

#23

Nitrobenzene-d5

Concen: 180.687 ng

RT: 9.029 min Scan# 1011

Delta R.T. 0.012 min

Lab File: BG064052.D

Acq: 5 Mar 2025 13:44

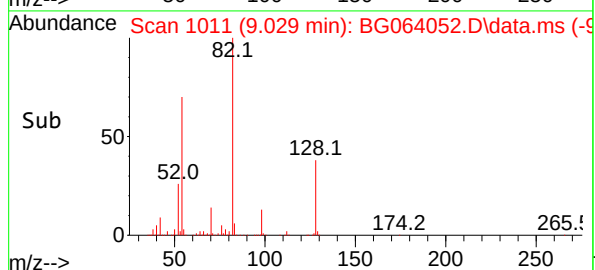
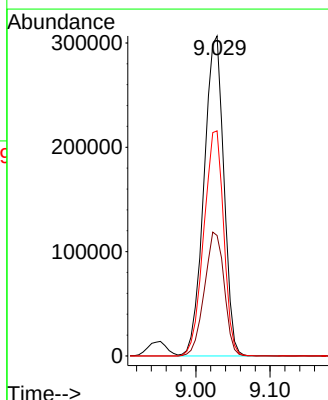
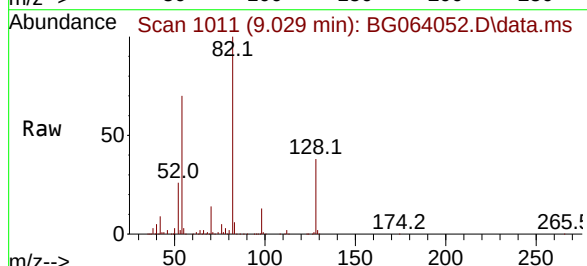
Tgt Ion: 82 Resp: 570757

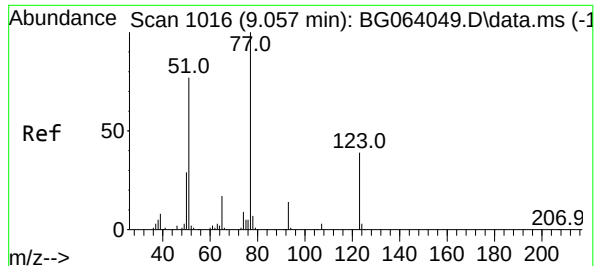
Ion Ratio Lower Upper

82 100

128 37.7 30.0 45.0

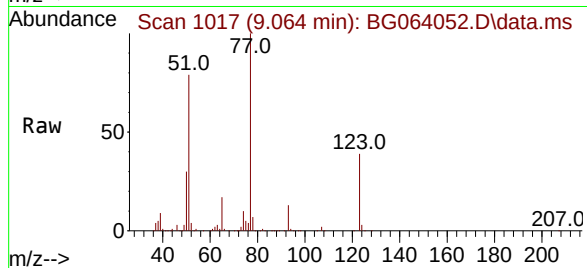
54 70.4 54.7 82.1





#24  
Nitrobenzene  
Concen: 87.518 ng  
RT: 9.064 min Scan# 1016  
Delta R.T. 0.006 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

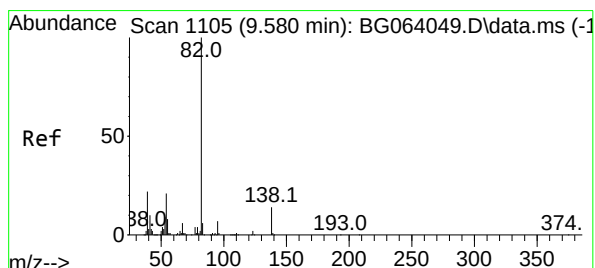
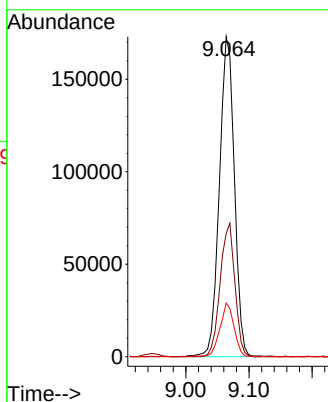
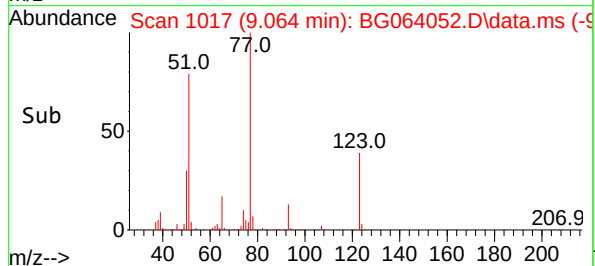
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



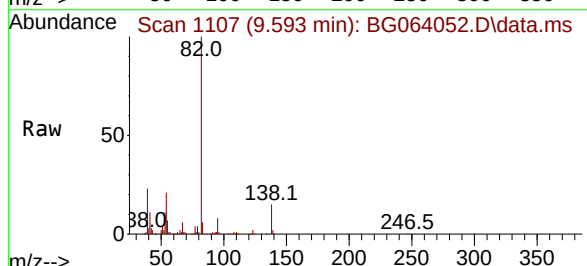
Tgt Ion: 77 Resp: 28570  
Ion Ratio Lower Upper  
77 100  
123 38.5 31.4 47.2  
65 16.8 13.4 20.0

Manual Integrations  
APPROVED

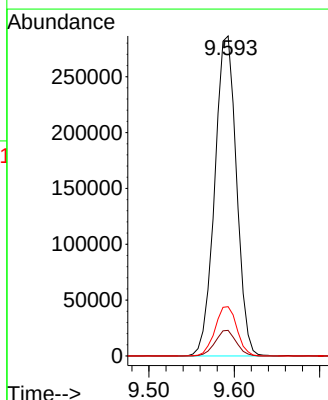
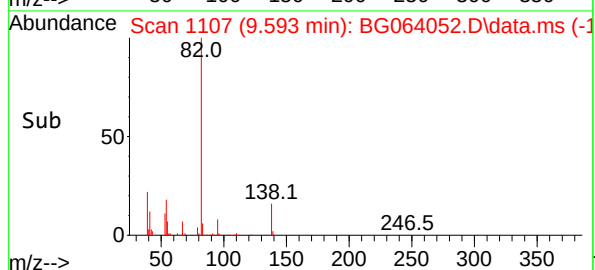
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

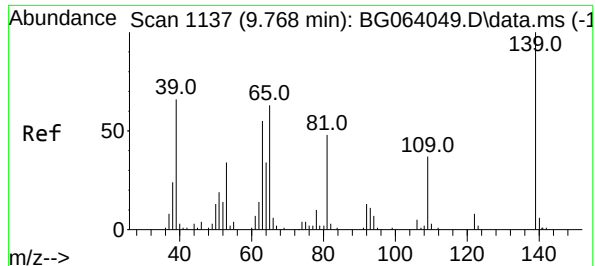


#25  
Isophorone  
Concen: 80.266 ng  
RT: 9.593 min Scan# 1107  
Delta R.T. 0.012 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44



Tgt Ion: 82 Resp: 507481  
Ion Ratio Lower Upper  
82 100  
95 8.0 5.8 8.8  
138 15.4 10.9 16.3





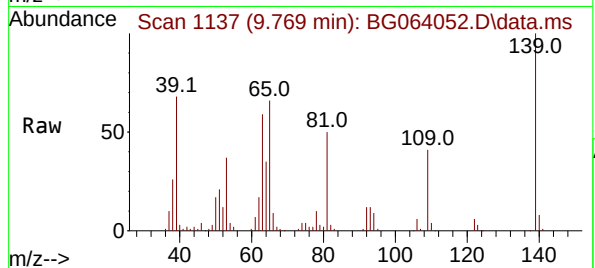
#26  
2-Nitrophenol  
Concen: 79.399 ng  
RT: 9.769 min Scan# 1137  
Delta R.T. 0.001 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

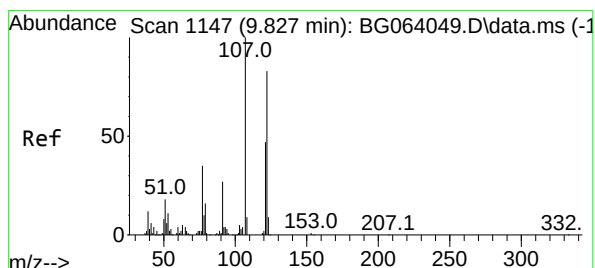
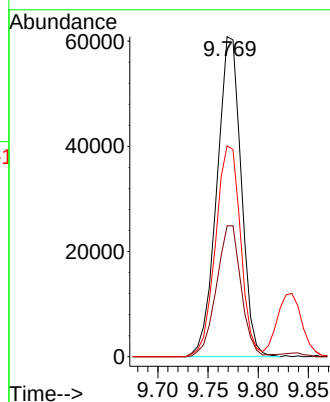
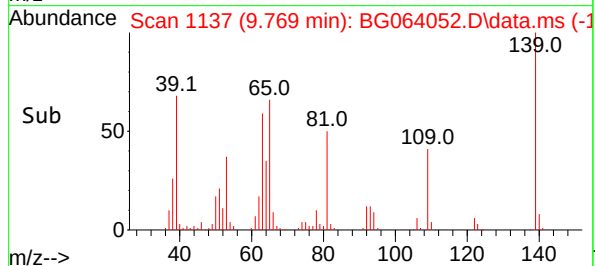


Tgt Ion:139 Resp: 102389  
Ion Ratio Lower Upper  
139 100  
109 40.9 29.9 44.9  
65 65.9 50.6 76.0

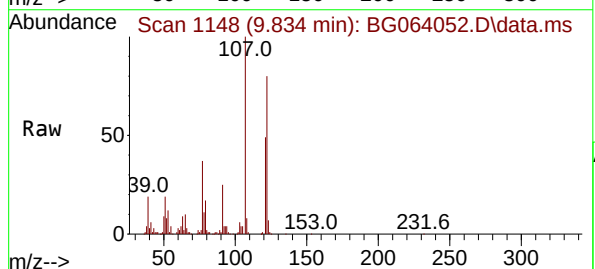
Manual Integrations

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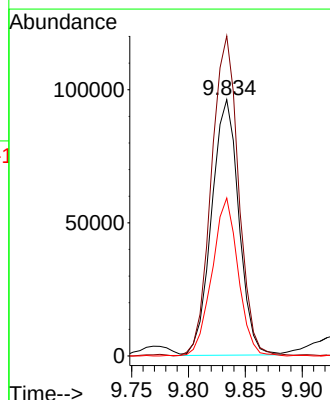
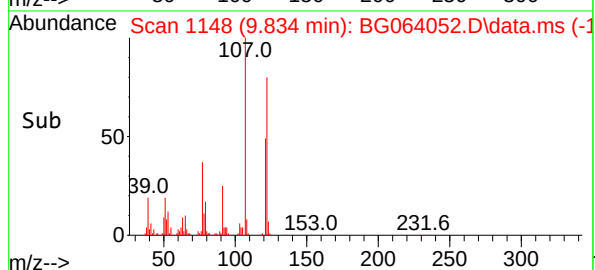
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

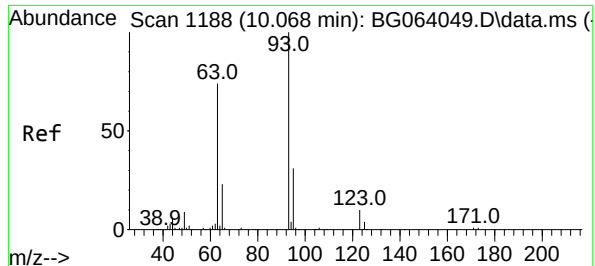


#27  
2,4-Dimethylphenol  
Concen: 84.413 ng  
RT: 9.834 min Scan# 1148  
Delta R.T. 0.006 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44



Tgt Ion:122 Resp: 159995  
Ion Ratio Lower Upper  
122 100  
107 124.9 95.4 143.0  
121 61.6 44.9 67.3





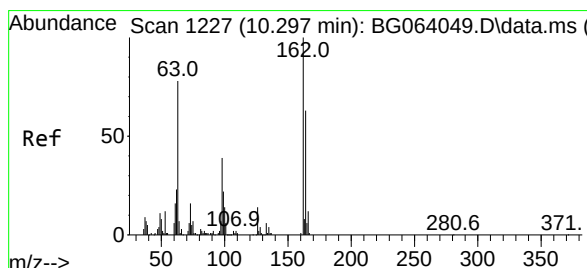
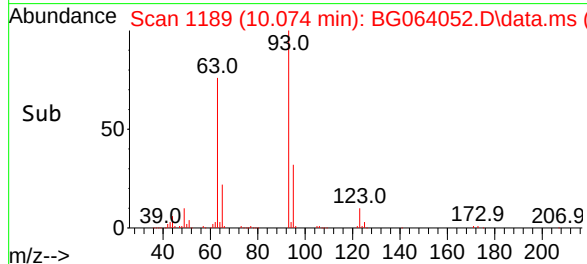
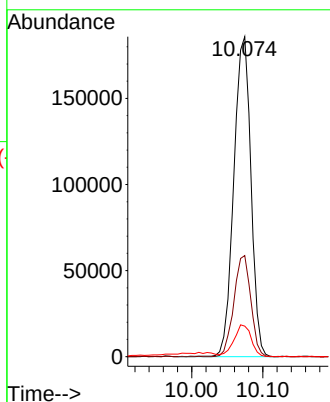
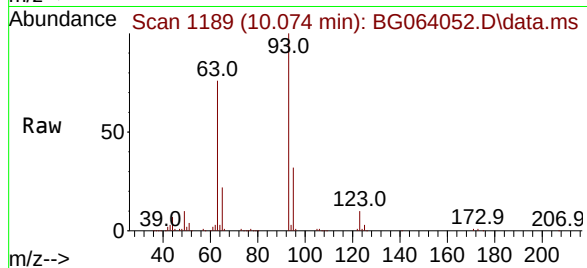
#28  
bis(2-Chloroethoxy)methane  
Concen: 81.082 ng  
RT: 10.074 min Scan# 1189  
Delta R.T. 0.006 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

Tgt Ion: 93 Resp: 31080  
Ion Ratio Lower Upper  
93 100  
95 31.6 25.0 37.4  
123 9.5 7.6 11.4

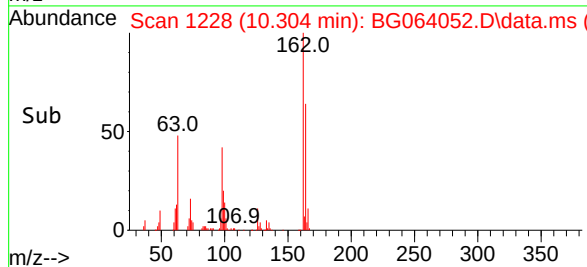
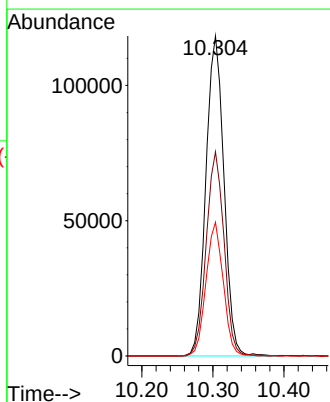
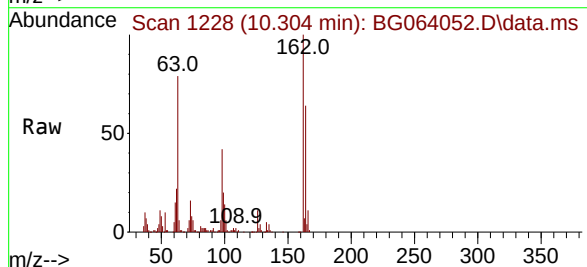
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

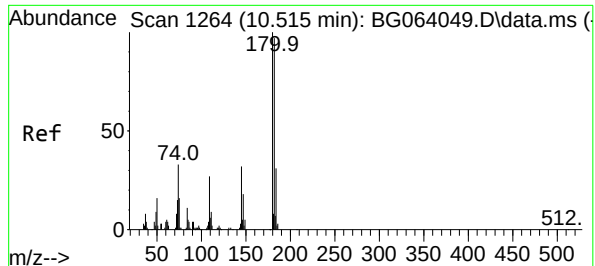


#29  
2,4-Dichlorophenol  
Concen: 87.086 ng  
RT: 10.304 min Scan# 1228  
Delta R.T. 0.006 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

Tgt Ion:162 Resp: 208425  
Ion Ratio Lower Upper  
162 100  
164 63.8 42.8 82.8  
98 41.8 19.1 59.1

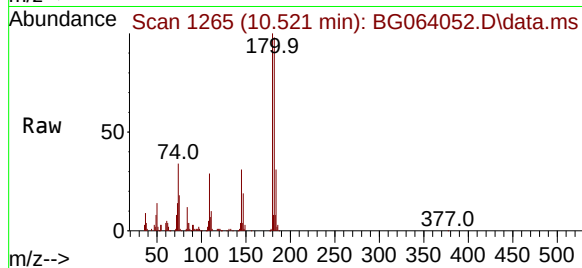






#30  
1,2,4-Trichlorobenzene  
Concen: 80.151 ng  
RT: 10.521 min Scan# 1265  
Delta R.T. 0.006 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

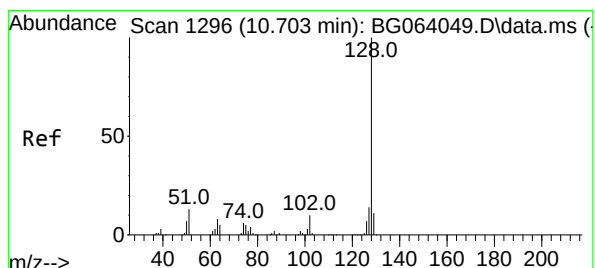
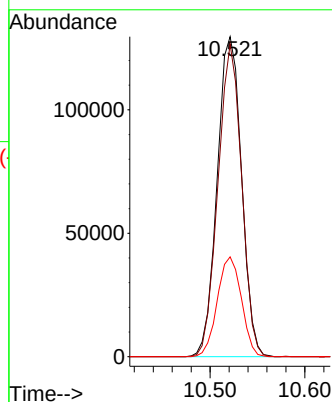
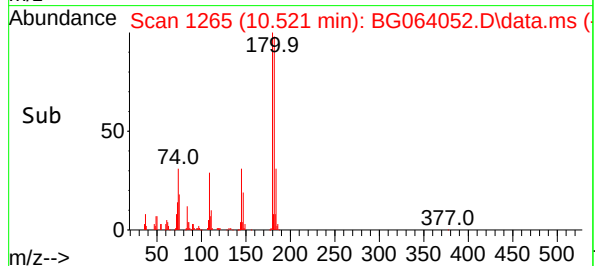
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:180 Resp: 231572  
Ion Ratio Lower Upper  
180 100  
182 97.7 77.3 115.9  
145 31.2 25.2 37.8

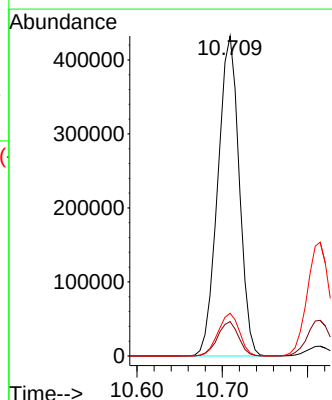
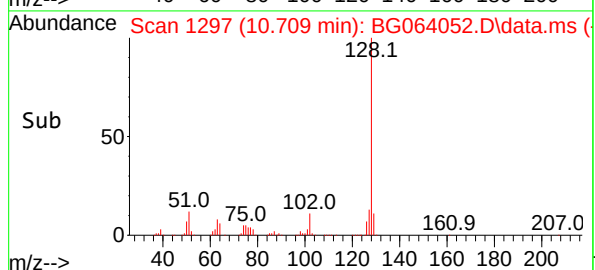
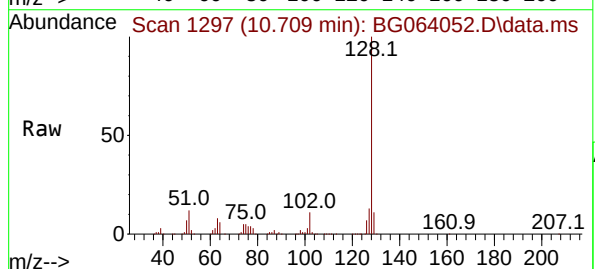
Manual Integrations  
APPROVED

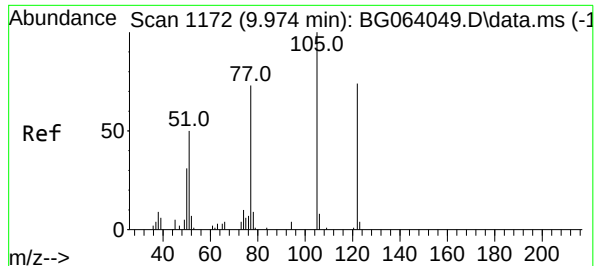
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#31  
Naphthalene  
Concen: 79.925 ng  
RT: 10.709 min Scan# 1297  
Delta R.T. 0.006 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

Tgt Ion:128 Resp: 752327  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.4 12.6  
127 13.3 11.1 16.7





#32

Benzoic acid

Concen: 81.016 ng m

RT: 10.022 min Scan# 1172

Delta R.T. 0.048 min

Lab File: BG064052.D

Acq: 5 Mar 2025 13:44

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

Tgt Ion:122 Resp: 153530

Ion Ratio Lower Upper

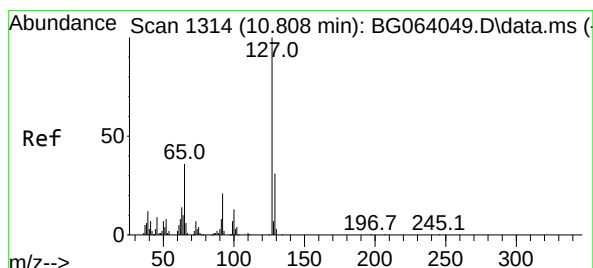
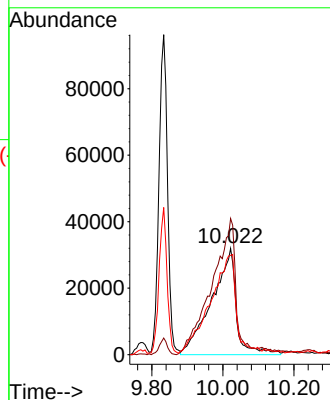
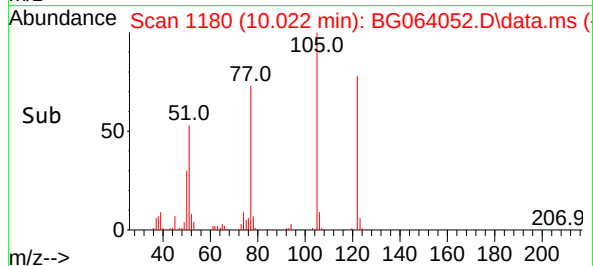
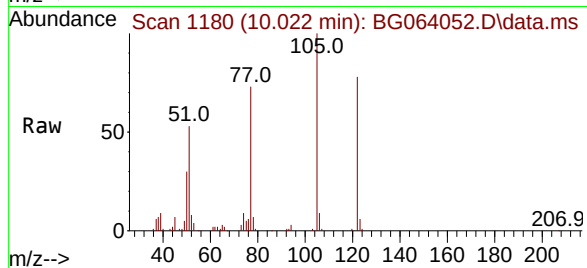
122 100

105 128.1 115.0 155.0

77 93.5 80.9 120.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

#33

4-Chloroaniline

Concen: 81.948 ng

RT: 10.815 min Scan# 1315

Delta R.T. 0.006 min

Lab File: BG064052.D

Acq: 5 Mar 2025 13:44

Tgt Ion:127 Resp: 281930

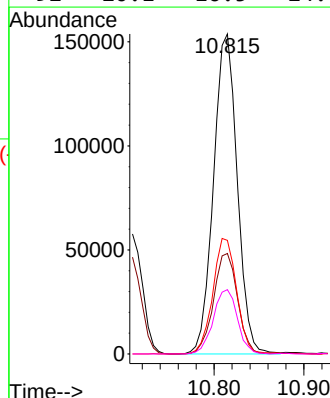
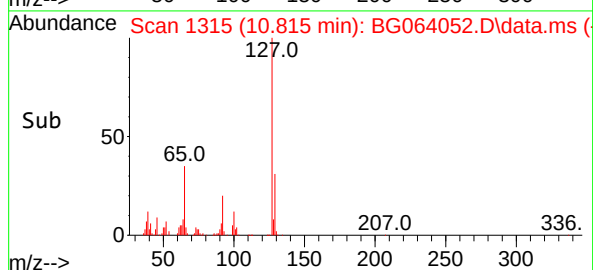
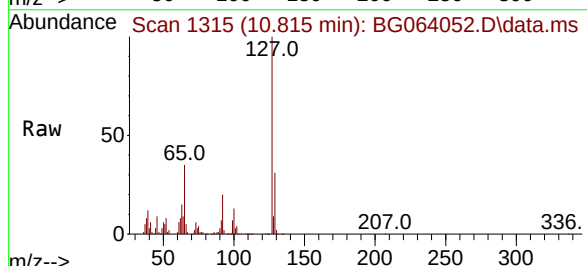
Ion Ratio Lower Upper

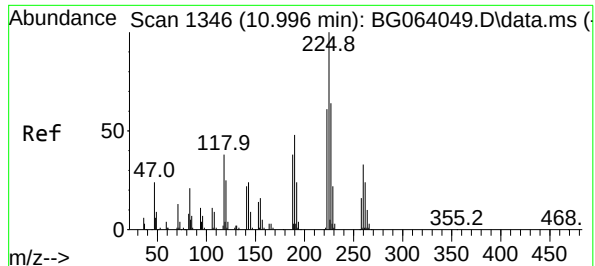
127 100

129 31.4 25.0 37.4

65 35.5 28.5 42.7

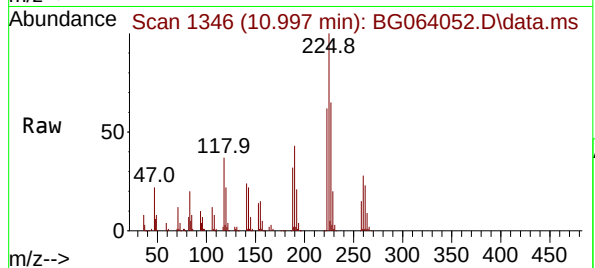
92 20.1 16.5 24.7





#34  
Hexachlorobutadiene  
Concen: 80.341 ng  
RT: 10.997 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

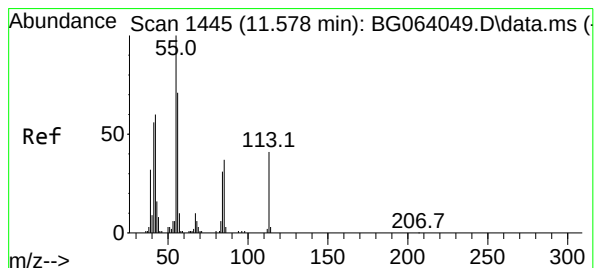
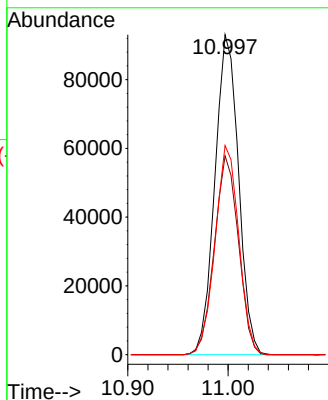
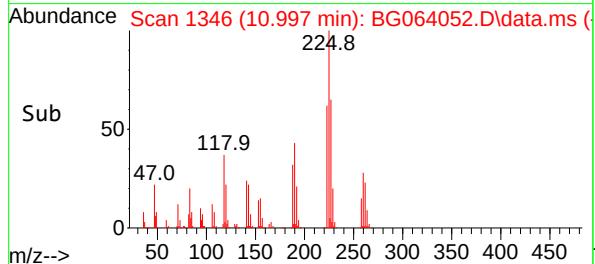
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:225 Resp: 152140  
Ion Ratio Lower Upper  
225 100  
223 62.1 48.5 72.7  
227 65.4 51.0 76.6

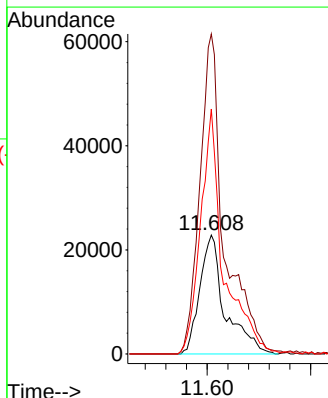
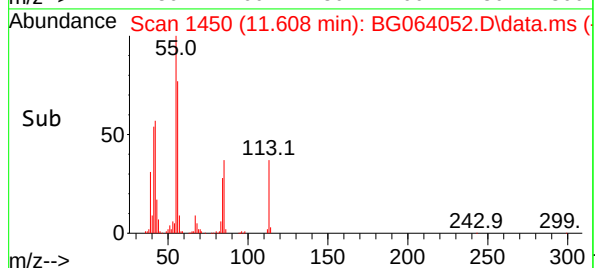
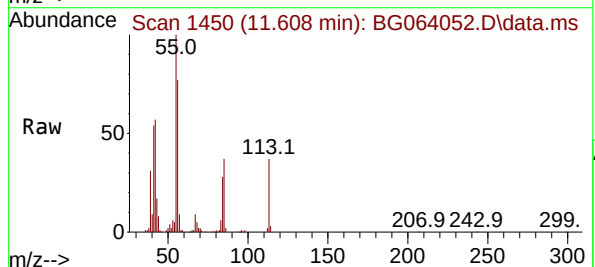
Manual Integrations  
APPROVED

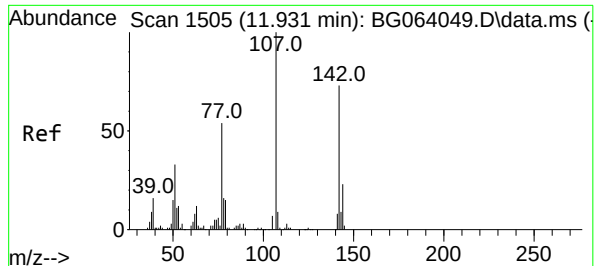
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#35  
Caprolactam  
Concen: 84.477 ng  
RT: 11.608 min Scan# 1450  
Delta R.T. 0.030 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

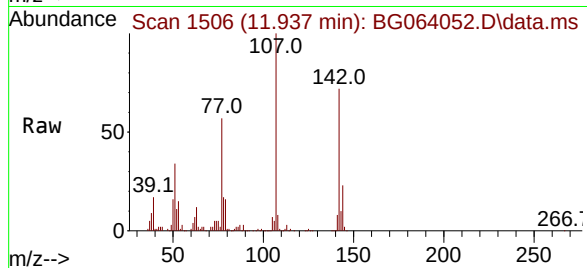
Tgt Ion:113 Resp: 77479  
Ion Ratio Lower Upper  
113 100  
55 269.1 225.2 265.2#  
56 206.0 153.4 193.4#





#36  
4-Chloro-3-methylphenol  
Concen: 83.772 ng  
RT: 11.937 min Scan# 1506  
Delta R.T. 0.006 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

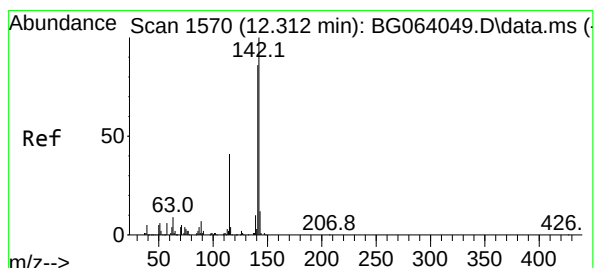
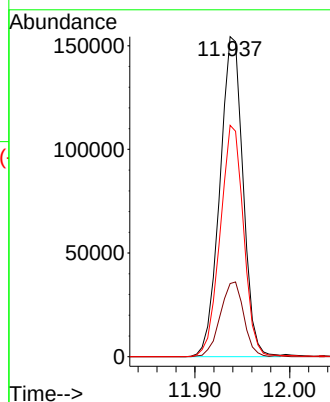
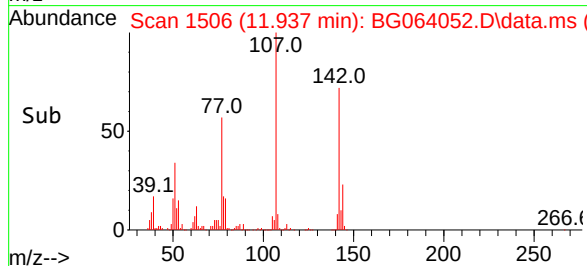
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:107 Resp: 262810  
Ion Ratio Lower Upper  
107 100  
144 22.9 18.6 28.0  
142 72.3 58.0 87.0

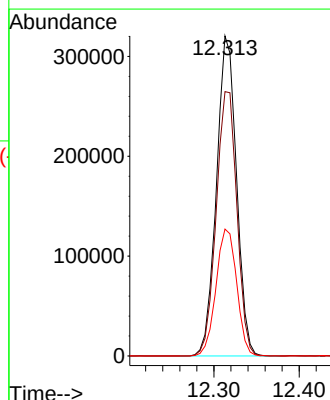
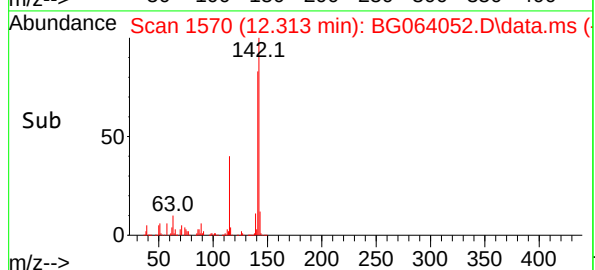
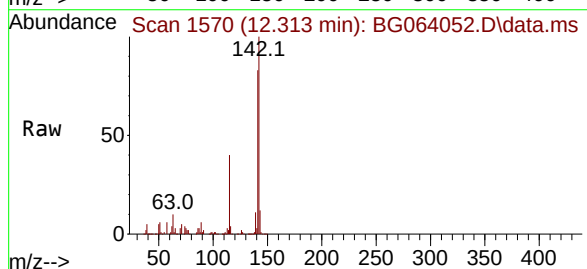
Manual Integrations  
APPROVED

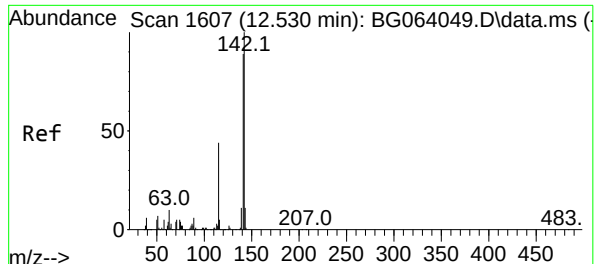
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#37  
2-Methylnaphthalene  
Concen: 78.886 ng  
RT: 12.313 min Scan# 1570  
Delta R.T. 0.001 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

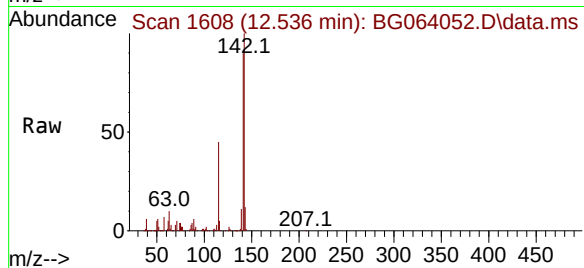
Tgt Ion:142 Resp: 524206  
Ion Ratio Lower Upper  
142 100  
141 82.6 68.6 103.0  
115 39.7 32.8 49.2





#38  
1-Methylnaphthalene  
Concen: 78.566 ng  
RT: 12.536 min Scan# 1608  
Delta R.T. 0.006 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

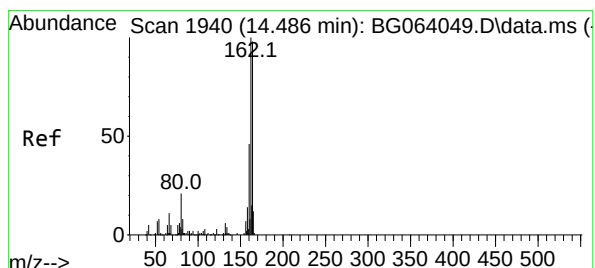
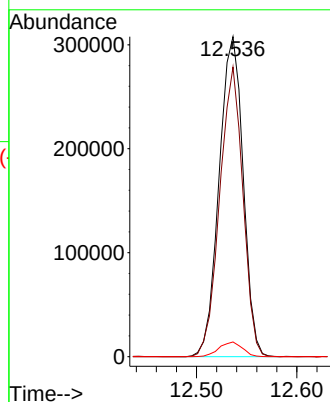
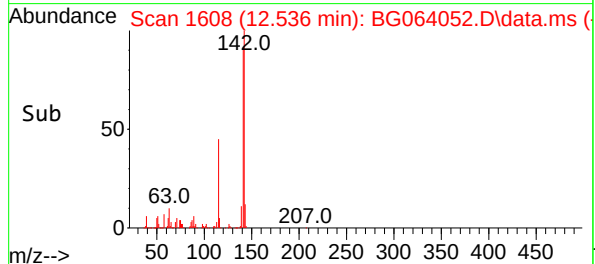
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:142 Resp: 51148  
Ion Ratio Lower Upper  
142 100  
141 90.5 71.2 106.8  
116 4.6 3.6 5.4

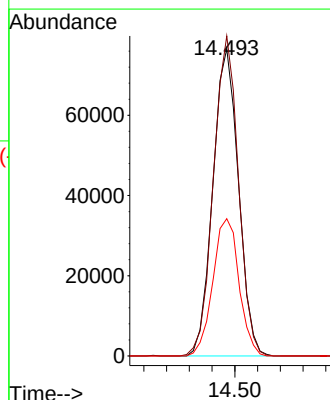
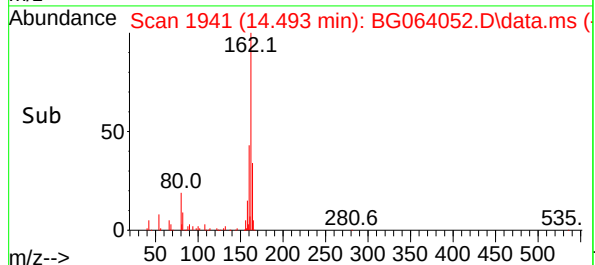
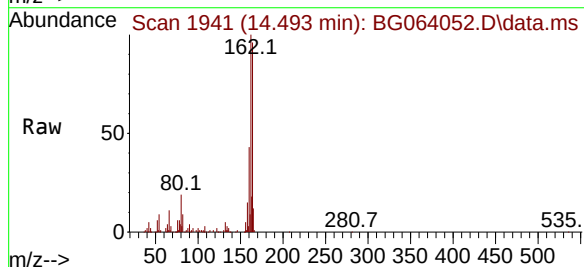
Manual Integrations  
APPROVED

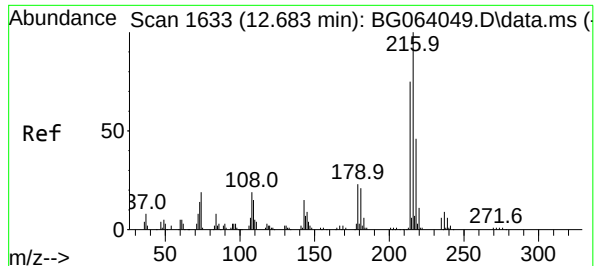
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.493 min Scan# 1941  
Delta R.T. 0.007 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

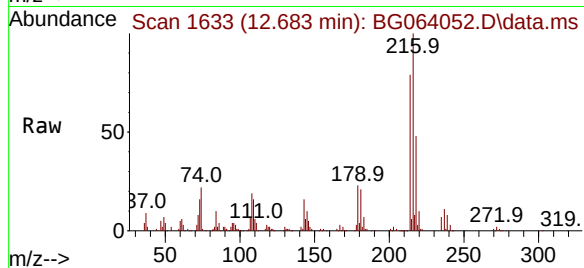
Tgt Ion:164 Resp: 119753  
Ion Ratio Lower Upper  
164 100  
162 104.2 81.4 122.0  
160 44.7 37.0 55.6





#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 79.289 ng  
RT: 12.683 min Scan# 1633  
Delta R.T. 0.001 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

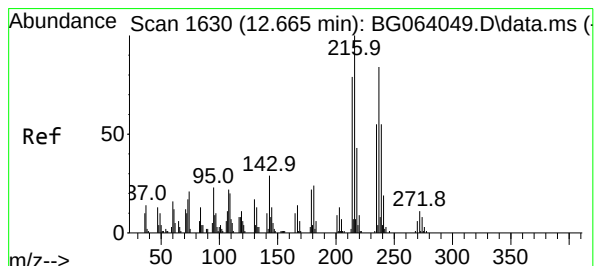
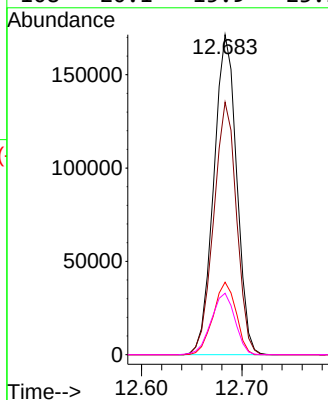
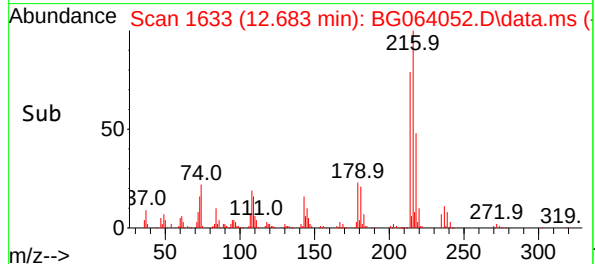
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:216 Resp: 271079  
Ion Ratio Lower Upper  
216 100  
214 78.7 61.7 92.5  
179 22.6 17.9 26.9  
108 20.1 15.9 23.9

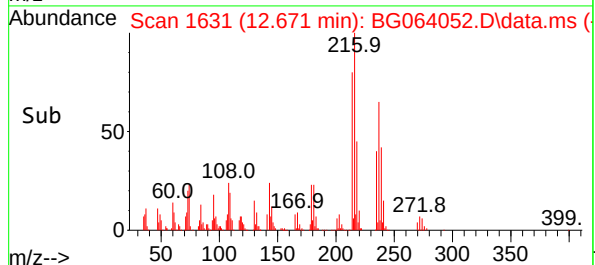
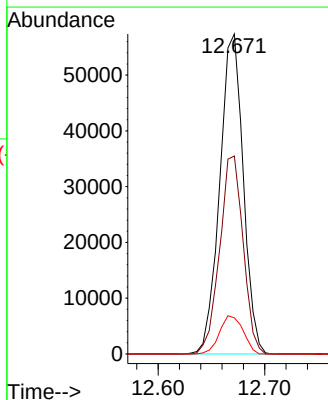
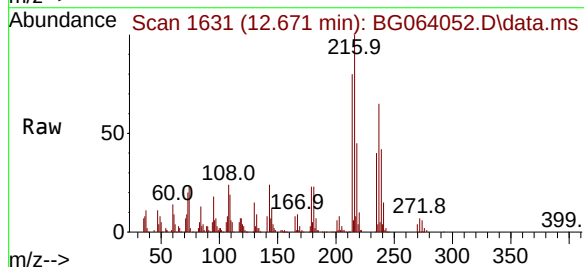
Manual Integrations  
APPROVED

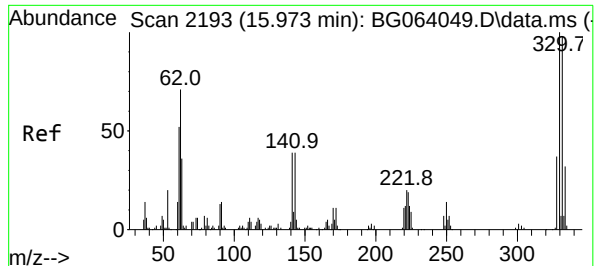
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#41  
Hexachlorocyclopentadiene  
Concen: 91.141 ng  
RT: 12.671 min Scan# 1631  
Delta R.T. 0.006 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

Tgt Ion:237 Resp: 87700  
Ion Ratio Lower Upper  
237 100  
235 61.8 46.0 86.0  
272 11.3 0.0 32.8





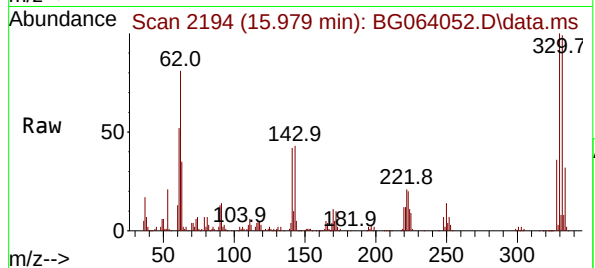
#42  
2,4,6-Tribromophenol  
Concen: 173.228 ng  
RT: 15.979 min Scan# 2194  
Delta R.T. 0.006 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

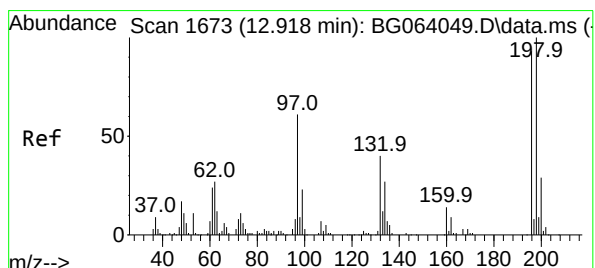
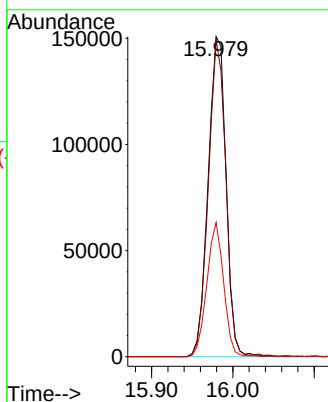
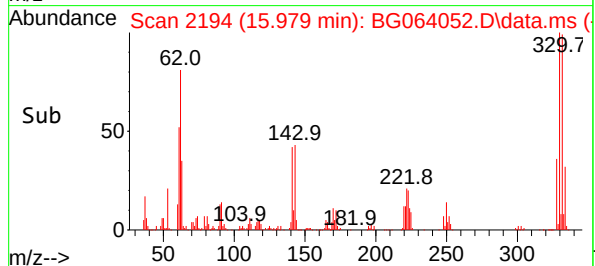


Tgt Ion:330 Resp: 230590  
Ion Ratio Lower Upper  
330 100  
332 96.2 76.7 115.1  
141 39.4 29.7 44.5

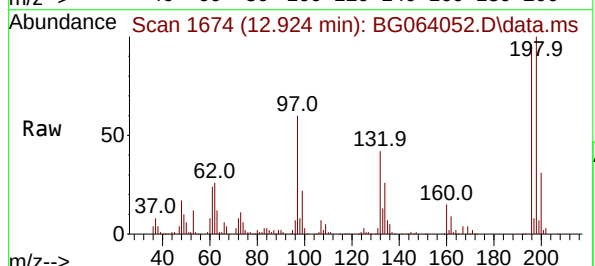
Manual Integrations

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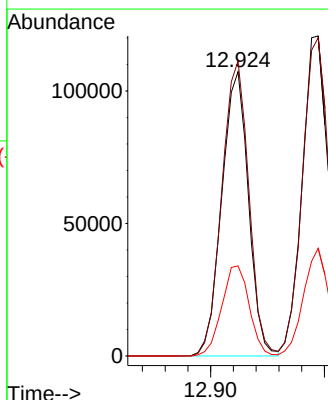
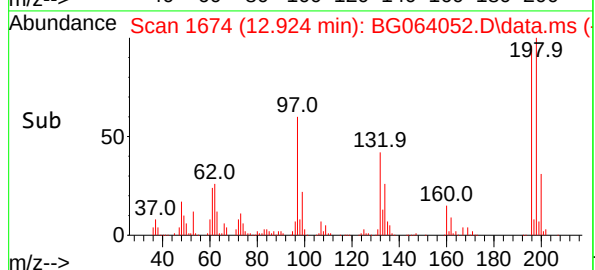
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

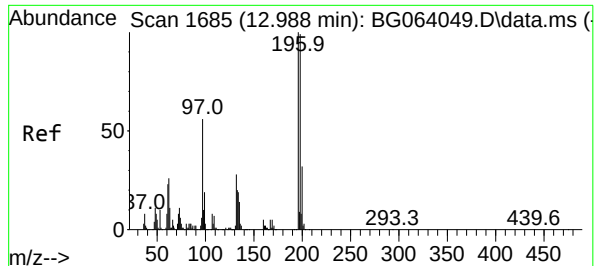


#43  
2,4,6-Trichlorophenol  
Concen: 86.966 ng  
RT: 12.924 min Scan# 1674  
Delta R.T. 0.006 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44



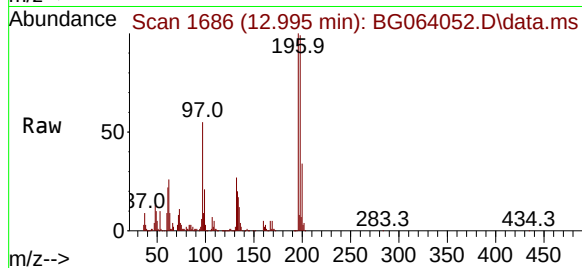
Tgt Ion:196 Resp: 175233  
Ion Ratio Lower Upper  
196 100  
198 103.7 85.6 128.4  
200 31.7 24.6 37.0





#44  
2,4,5-Trichlorophenol  
Concen: 88.360 ng  
RT: 12.995 min Scan# 1686  
Delta R.T. 0.006 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

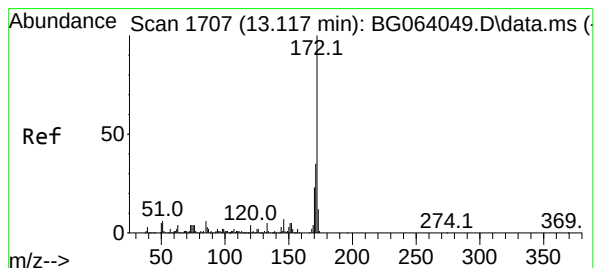
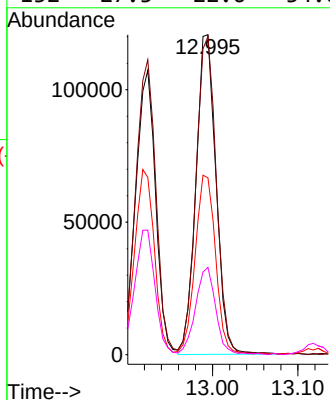
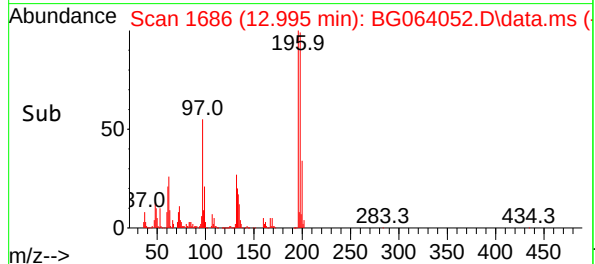
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:196 Resp: 19783  
Ion Ratio Lower Upper  
196 100  
198 99.5 79.5 119.3  
97 55.3 45.2 67.8  
132 27.3 22.6 34.0

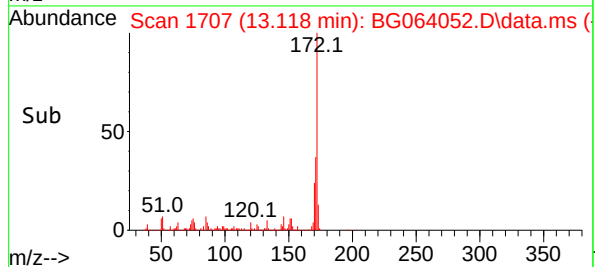
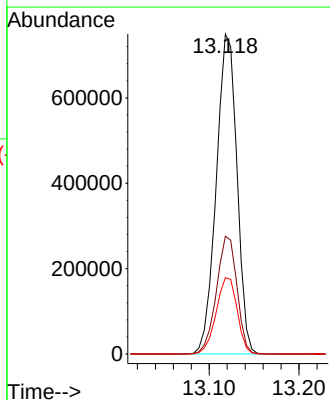
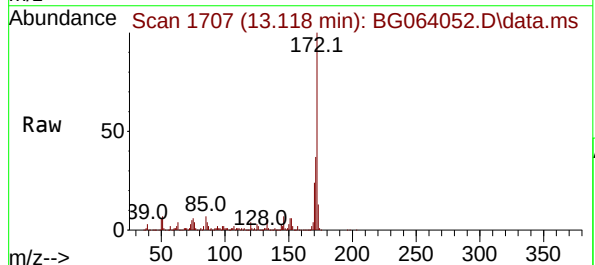
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

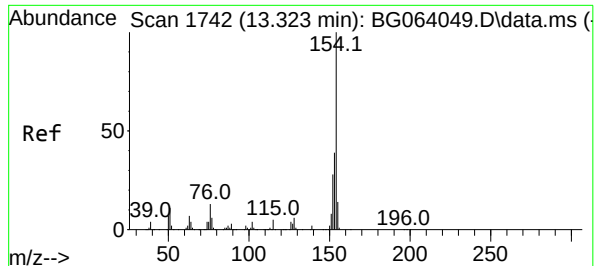


#45  
2-Fluorobiphenyl  
Concen: 151.908 ng  
RT: 13.118 min Scan# 1707  
Delta R.T. 0.001 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

Tgt Ion:172 Resp: 1198476  
Ion Ratio Lower Upper  
172 100  
171 36.8 28.0 42.0  
170 23.9 18.7 28.1

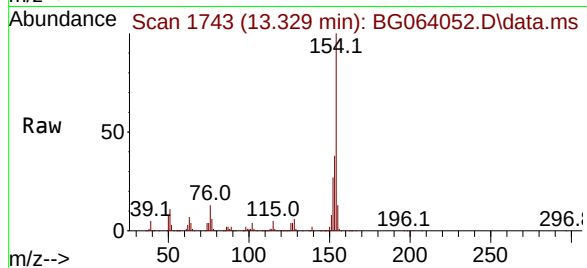






#46  
1,1'-Biphenyl  
Concen: 78.106 ng  
RT: 13.329 min Scan# 1742  
Delta R.T. 0.006 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

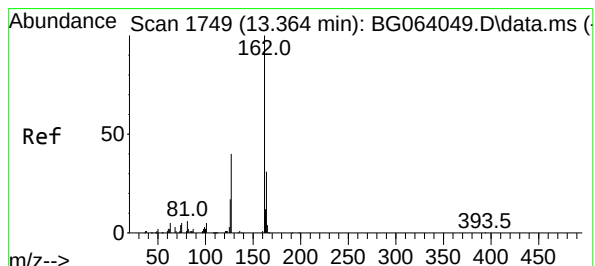
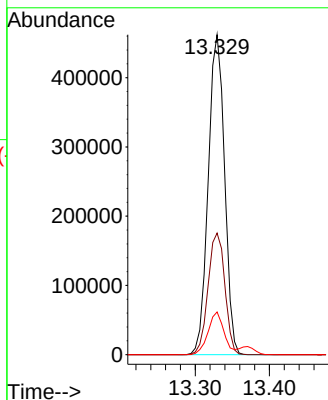
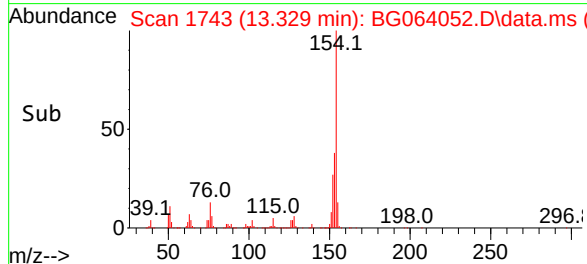
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



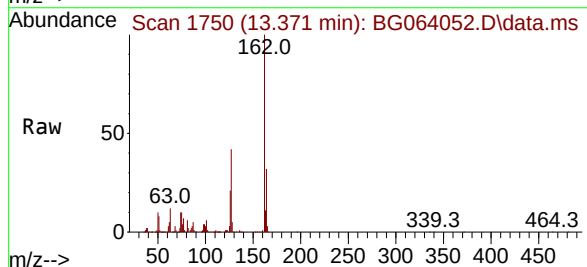
Tgt Ion:154 Resp: 706650  
Ion Ratio Lower Upper  
154 100  
153 38.0 19.5 59.5  
76 13.3 0.0 33.5

Manual Integrations  
APPROVED

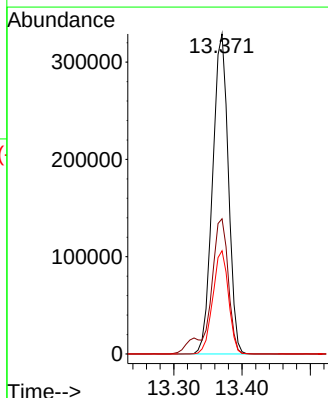
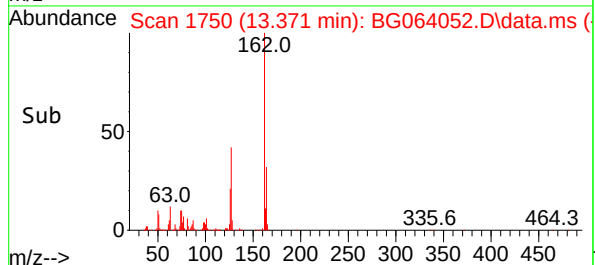
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

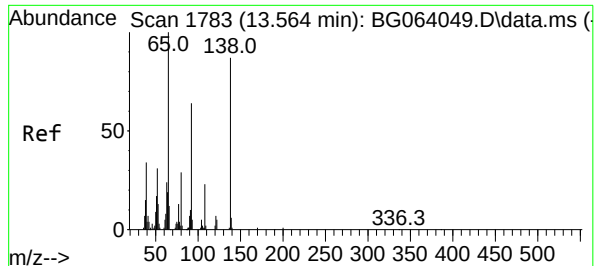


#47  
2-Chloronaphthalene  
Concen: 80.099 ng  
RT: 13.371 min Scan# 1750  
Delta R.T. 0.006 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44



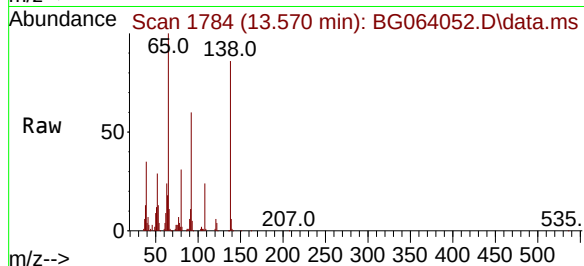
Tgt Ion:162 Resp: 528541  
Ion Ratio Lower Upper  
162 100  
127 42.2 35.0 52.4  
164 32.3 25.0 37.6





#48  
2-Nitroaniline  
Concen: 79.407 ng  
RT: 13.570 min Scan# 1784  
Delta R.T. 0.006 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

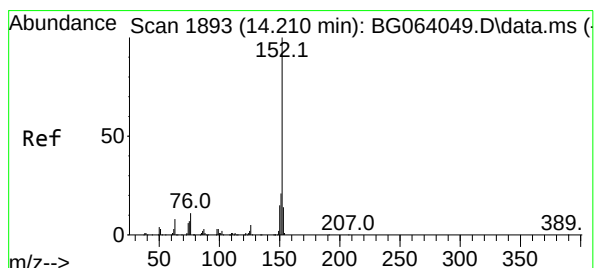
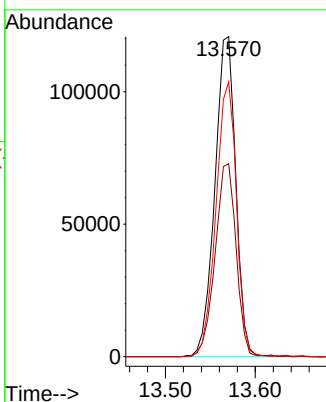
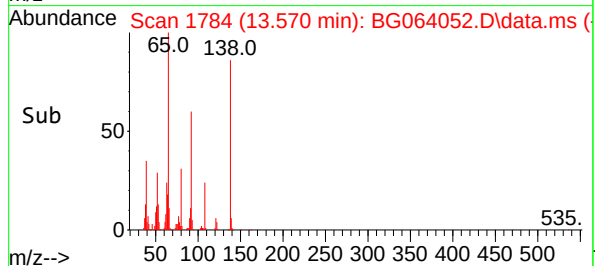
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



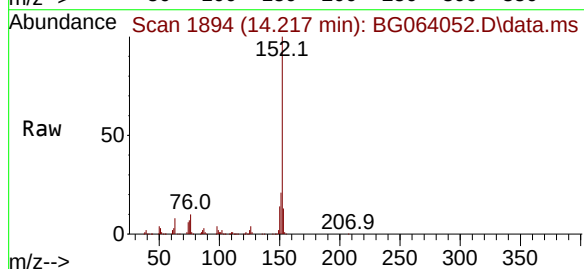
Tgt Ion: 65 Resp: 19536  
Ion Ratio Lower Upper  
65 100  
92 60.3 51.2 76.8  
138 85.9 69.4 104.2

Manual Integrations  
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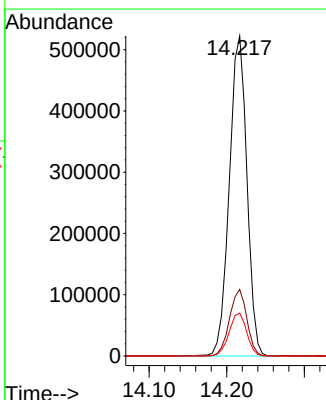
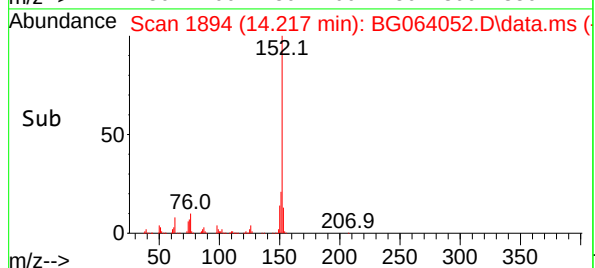
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

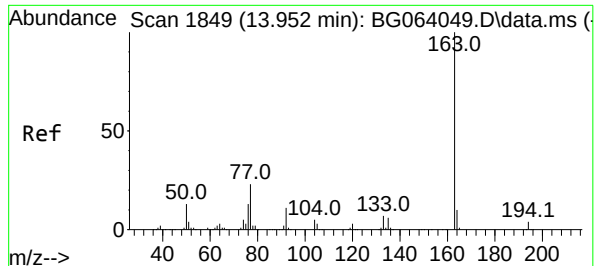


#49  
Acenaphthylene  
Concen: 78.787 ng  
RT: 14.217 min Scan# 1894  
Delta R.T. 0.006 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44



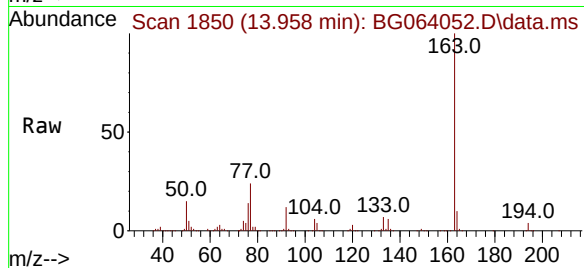
Tgt Ion:152 Resp: 822307  
Ion Ratio Lower Upper  
152 100  
151 20.8 16.4 24.6  
153 13.4 10.9 16.3





#50  
Dimethylphthalate  
Concen: 78.689 ng  
RT: 13.958 min Scan# 1849  
Delta R.T. 0.006 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

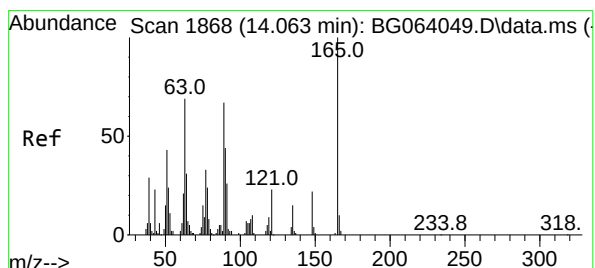
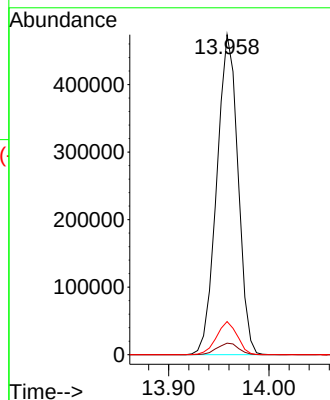
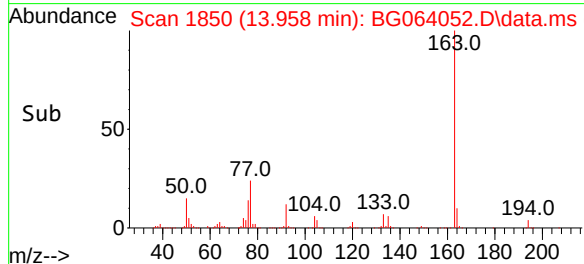
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:163 Resp: 695598  
Ion Ratio Lower Upper  
163 100  
194 3.6 2.8 4.2  
164 10.4 8.2 12.2

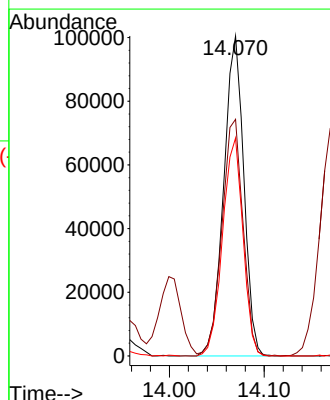
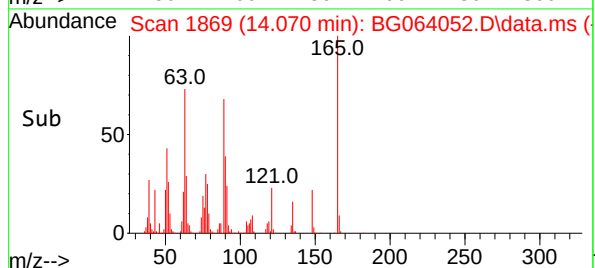
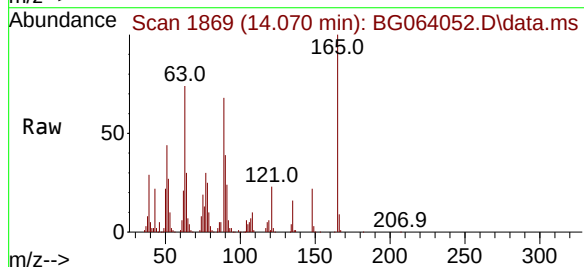
Manual Integrations  
APPROVED

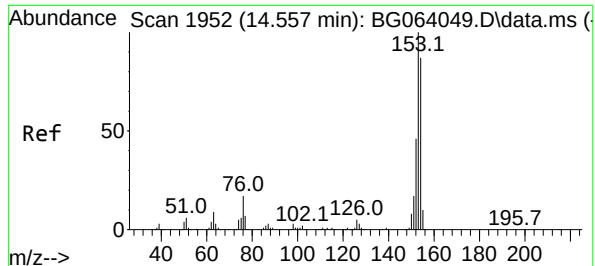
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#51  
2,6-Dinitrotoluene  
Concen: 79.965 ng  
RT: 14.070 min Scan# 1869  
Delta R.T. 0.007 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

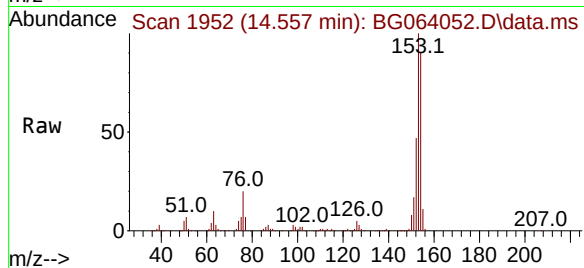
Tgt Ion:165 Resp: 147719  
Ion Ratio Lower Upper  
165 100  
63 74.0 56.7 85.1  
89 68.1 53.7 80.5





#52  
Acenaphthene  
Concen: 76.999 ng  
RT: 14.557 min Scan# 1952  
Delta R.T. 0.001 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

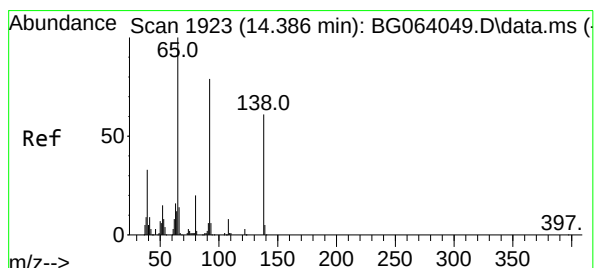
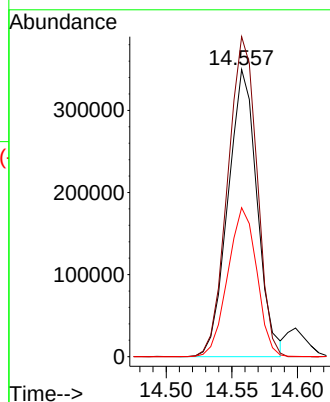
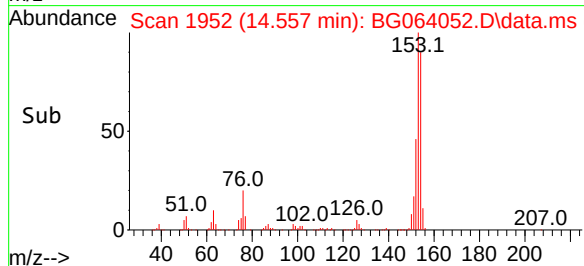
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



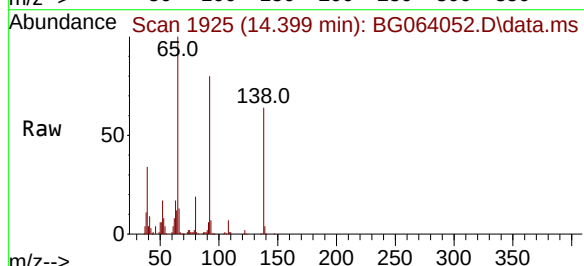
Tgt Ion:154 Resp: 54044  
Ion Ratio Lower Upper  
154 100  
153 111.4 91.6 137.4  
152 51.9 42.5 63.7

Manual Integrations  
APPROVED

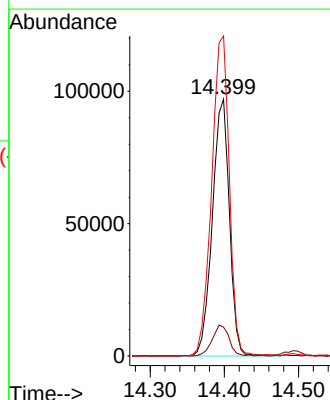
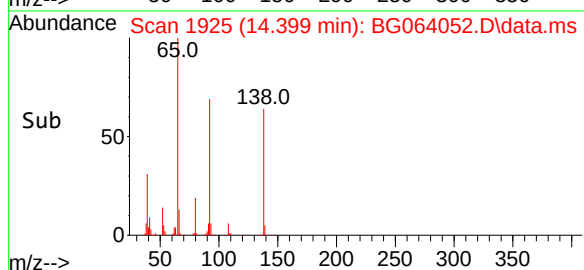
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

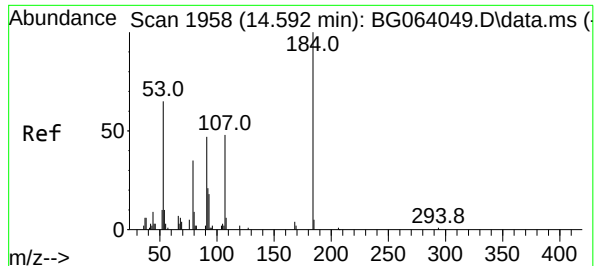


#53  
3-Nitroaniline  
Concen: 90.561 ng  
RT: 14.399 min Scan# 1925  
Delta R.T. 0.012 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44



Tgt Ion:138 Resp: 154723  
Ion Ratio Lower Upper  
138 100  
108 11.2 10.1 15.1  
92 124.6 104.1 156.1





#54  
2,4-Dinitrophenol  
Concen: 82.400 ng  
RT: 14.599 min Scan# 1959  
Delta R.T. 0.007 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

Instrument :

BNA\_G

ClientSampleId :

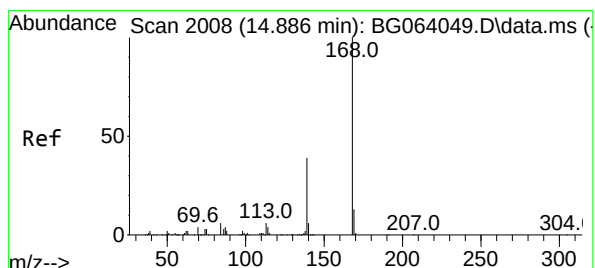
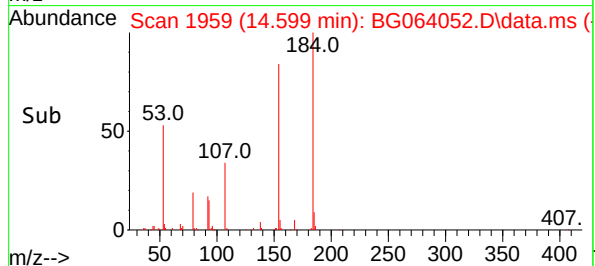
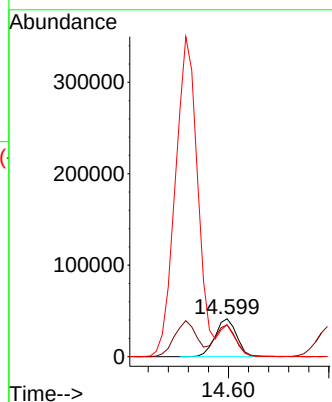
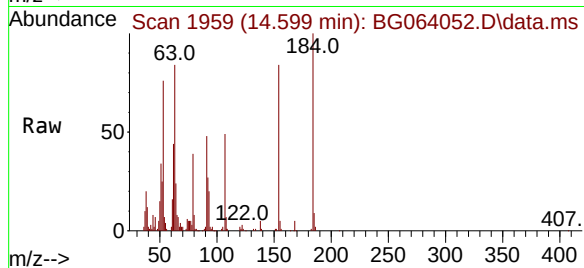
SSTDICC080

Tgt Ion:184 Resp: 61800  
Ion Ratio Lower Upper  
184 100  
63 84.0 57.5 86.3  
154 83.9 52.3 78.5

Manual Integrations

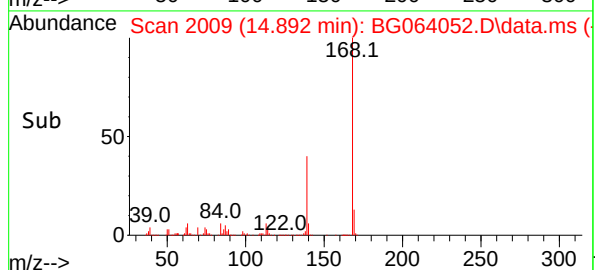
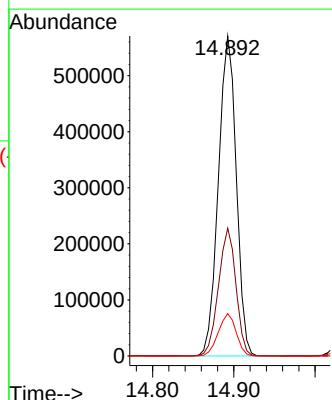
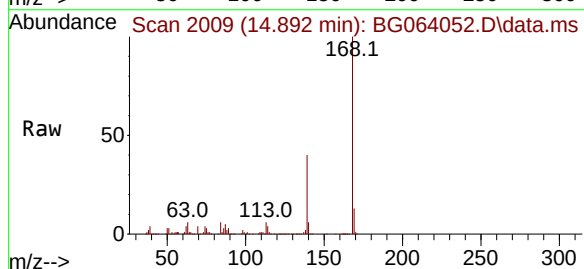
APPROVED

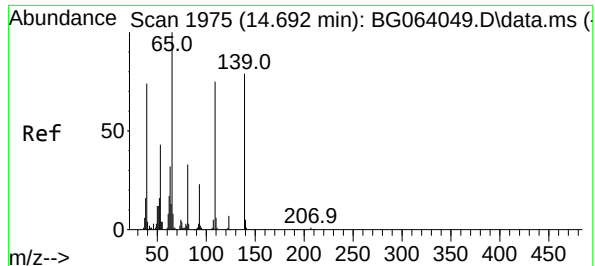
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#55  
Dibenzofuran  
Concen: 77.066 ng  
RT: 14.892 min Scan# 2009  
Delta R.T. 0.006 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

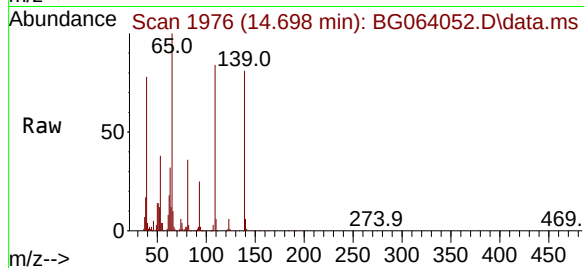
Tgt Ion:168 Resp: 874479  
Ion Ratio Lower Upper  
168 100  
139 40.0 31.1 46.7  
169 13.2 10.5 15.7





#56  
4-Nitrophenol  
Concen: 88.621 ng  
RT: 14.698 min Scan# 1975  
Delta R.T. 0.006 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

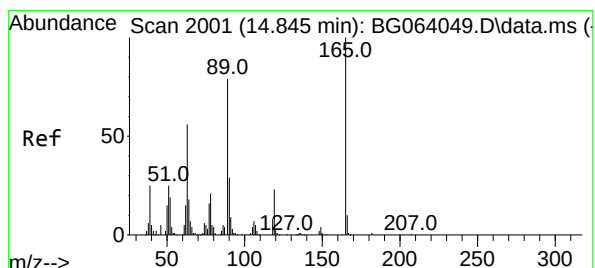
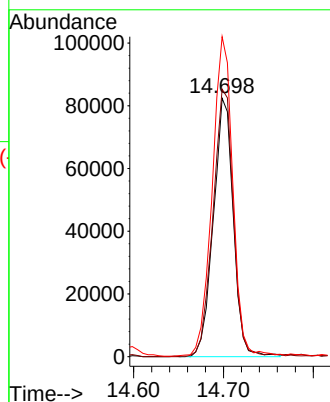
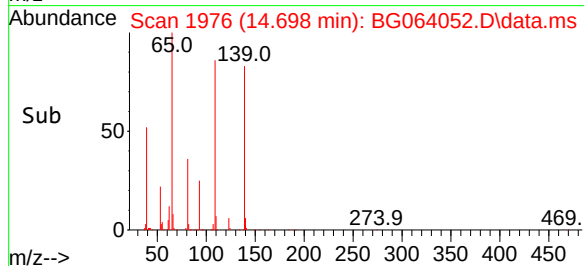
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:139 Resp: 12698  
Ion Ratio Lower Upper  
139 100  
109 103.5 74.9 114.9  
65 123.8 106.8 146.8

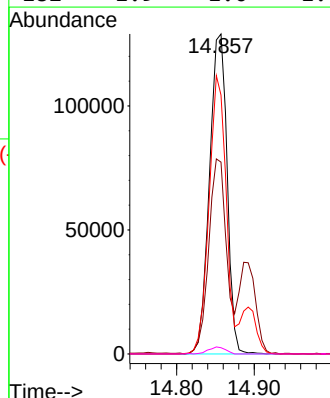
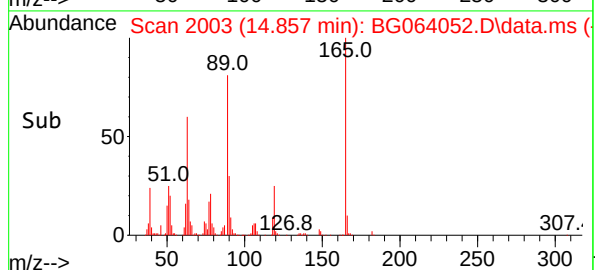
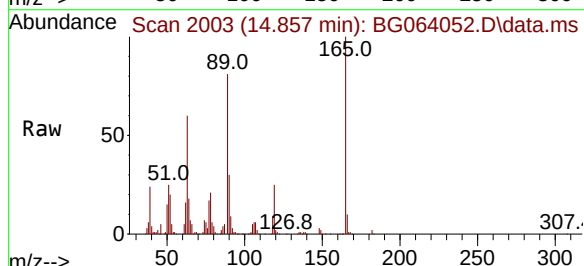
Manual Integrations  
APPROVED

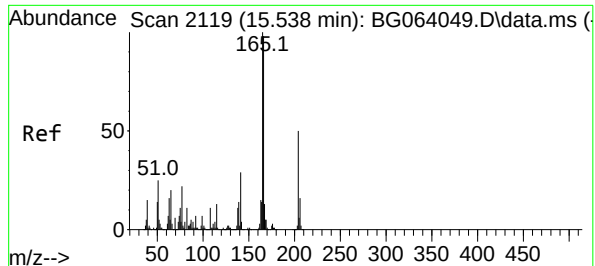
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#57  
2,4-Dinitrotoluene  
Concen: 79.564 ng  
RT: 14.857 min Scan# 2003  
Delta R.T. 0.012 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

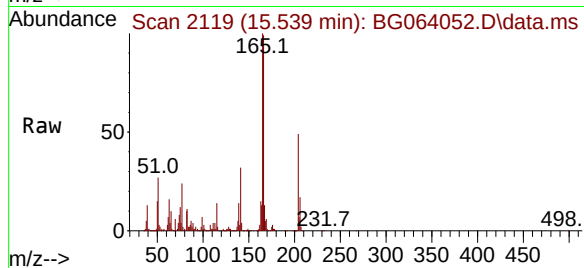
Tgt Ion:165 Resp: 203301  
Ion Ratio Lower Upper  
165 100  
63 60.0 45.0 67.6  
89 80.9 63.1 94.7  
182 1.9 1.0 1.4#





#58  
Fluorene  
Concen: 75.593 ng  
RT: 15.539 min Scan# 2119  
Delta R.T. 0.001 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

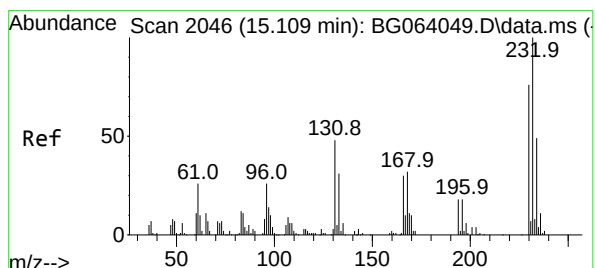
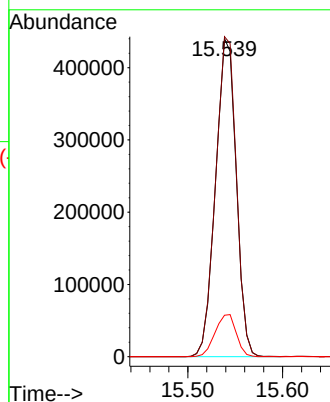
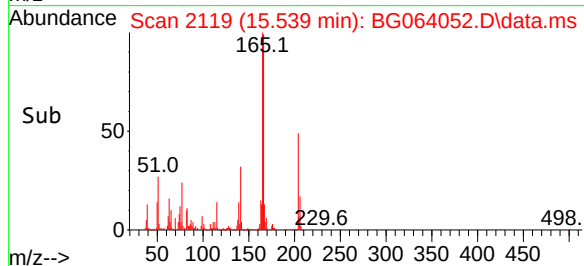
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



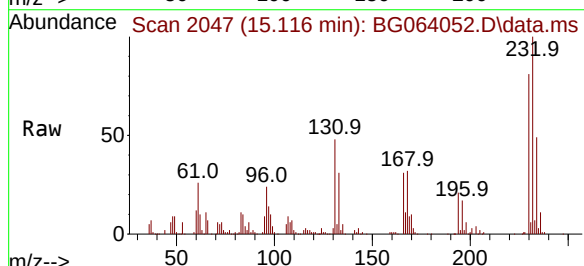
Tgt Ion:166 Resp: 668072  
Ion Ratio Lower Upper  
166 100  
165 100.6 81.8 122.8  
167 13.0 10.8 16.2

Manual Integrations  
APPROVED

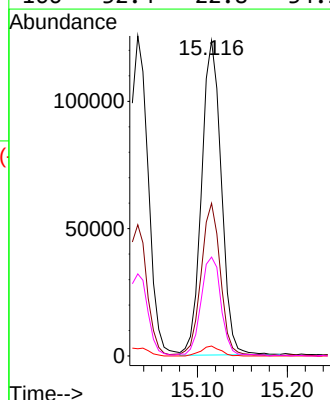
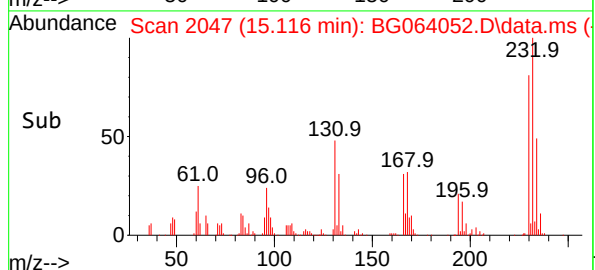
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

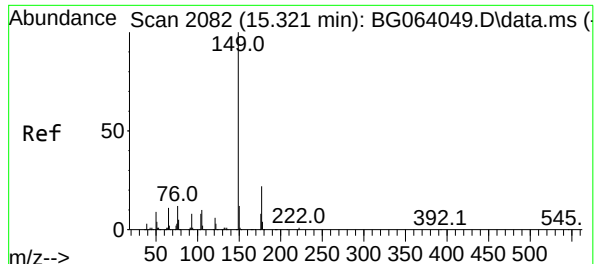


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 86.273 ng  
RT: 15.116 min Scan# 2047  
Delta R.T. 0.006 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44



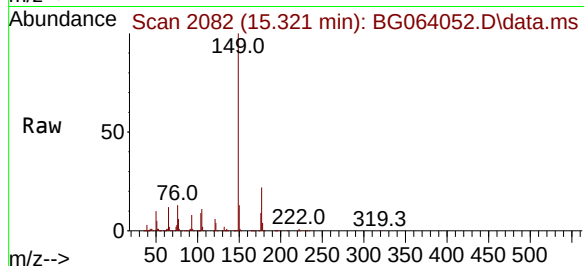
Tgt Ion:232 Resp: 188307  
Ion Ratio Lower Upper  
232 100  
131 47.8 36.3 54.5  
130 3.1 1.9 2.9#  
166 32.4 22.8 34.2





#60  
Diethylphthalate  
Concen: 79.055 ng  
RT: 15.321 min Scan# 2082  
Delta R.T. 0.001 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

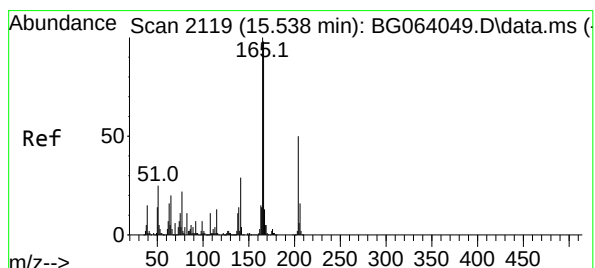
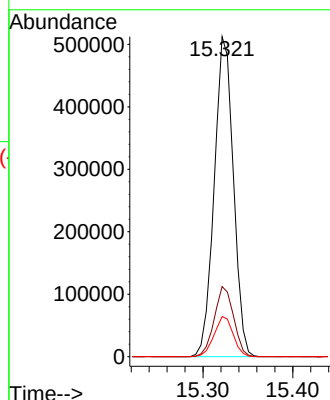
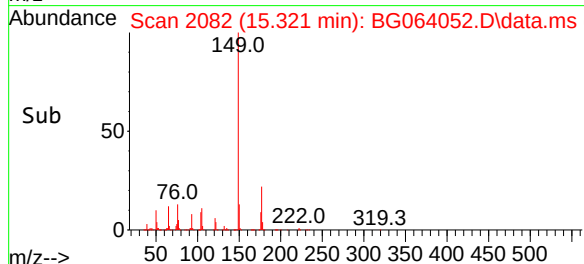
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:149 Resp: 758650  
Ion Ratio Lower Upper  
149 100  
177 21.9 17.4 26.2  
150 12.6 9.4 14.2

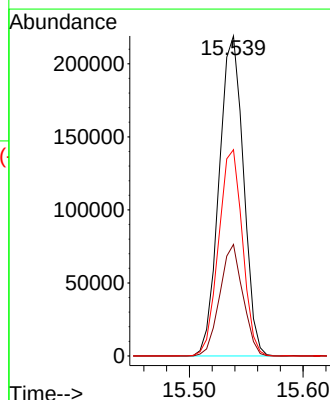
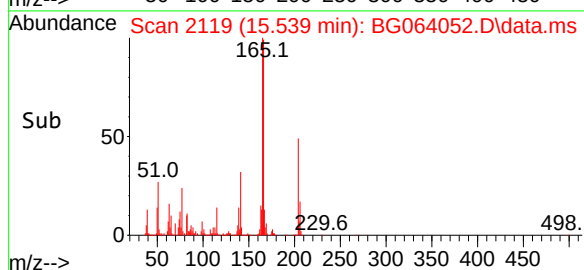
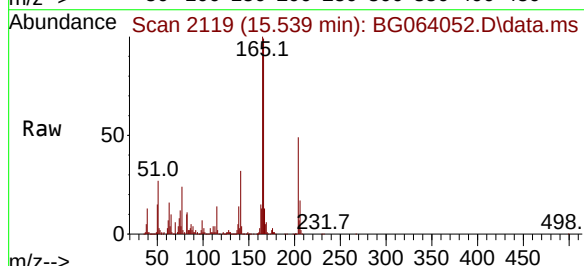
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

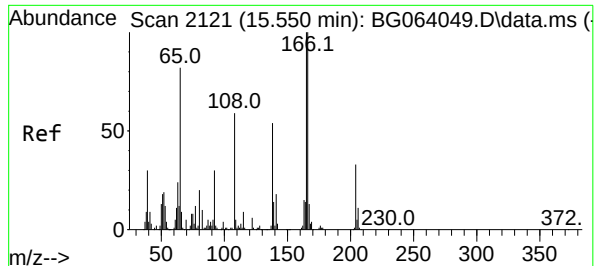


#61  
4-Chlorophenyl-phenylether  
Concen: 74.261 ng  
RT: 15.539 min Scan# 2119  
Delta R.T. 0.001 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

Tgt Ion:204 Resp: 326141  
Ion Ratio Lower Upper  
204 100  
206 34.8 25.5 38.3  
141 64.4 45.4 68.0

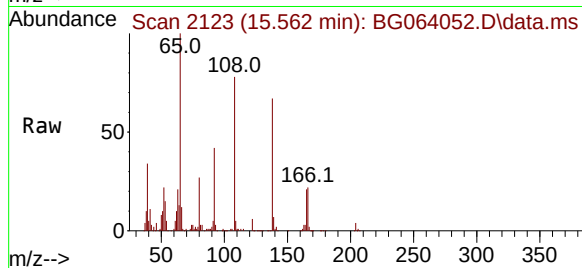






#62  
4-Nitroaniline  
Concen: 86.459 ng  
RT: 15.562 min Scan# 2123  
Delta R.T. 0.012 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

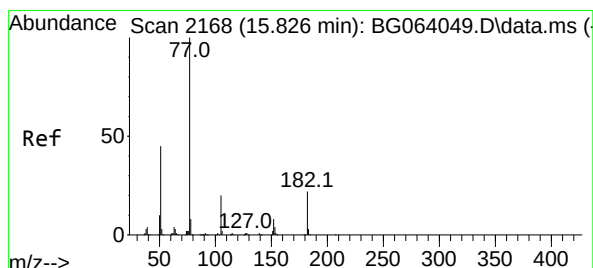
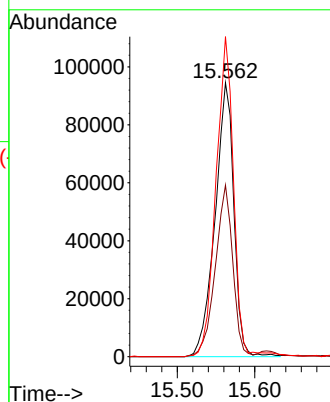
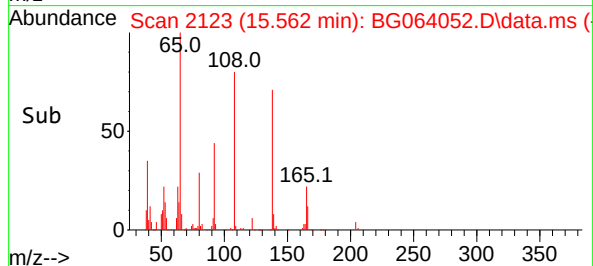
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:138 Resp: 159478  
Ion Ratio Lower Upper  
138 100  
92 62.6 36.1 76.1  
108 116.8 87.9 127.9

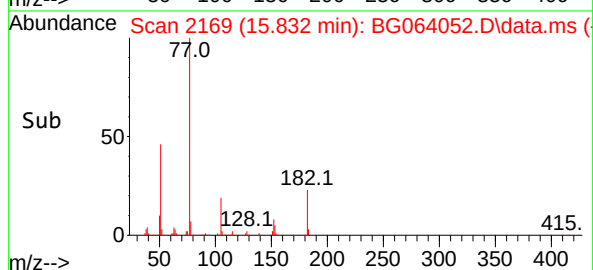
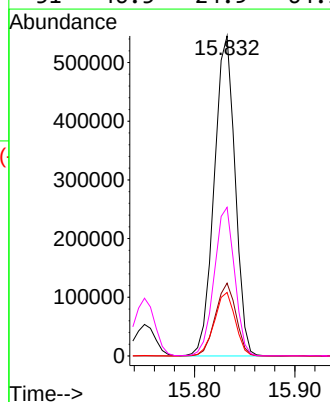
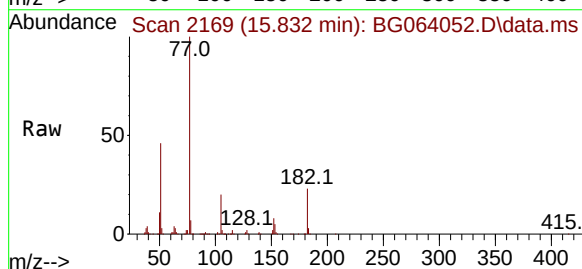
Manual Integrations  
APPROVED

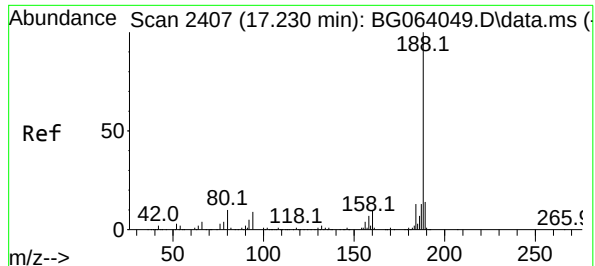
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#63  
Azobenzene  
Concen: 76.893 ng  
RT: 15.832 min Scan# 2169  
Delta R.T. 0.006 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

Tgt Ion: 77 Resp: 787412  
Ion Ratio Lower Upper  
77 100  
182 22.8 2.4 42.4  
105 19.9 0.0 40.0  
51 46.5 24.9 64.9





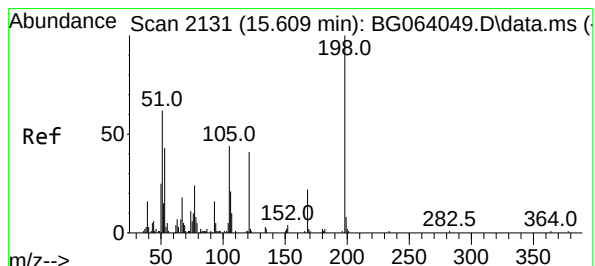
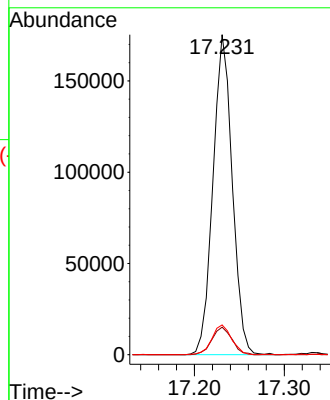
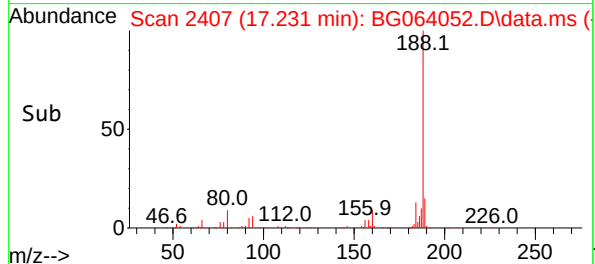
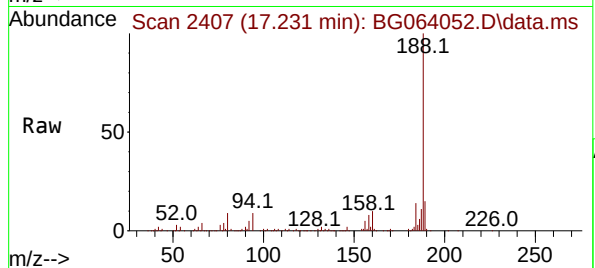
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.231 min Scan# 2407  
Delta R.T. 0.001 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

Tgt Ion:188 Resp: 26135  
Ion Ratio Lower Upper  
188 100  
94 8.6 6.9 10.3  
80 9.3 8.1 12.1

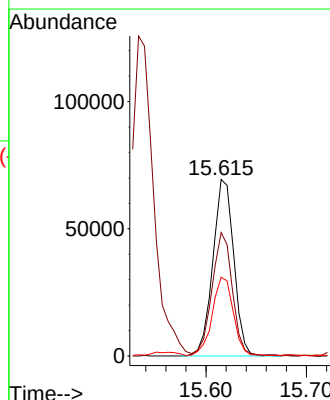
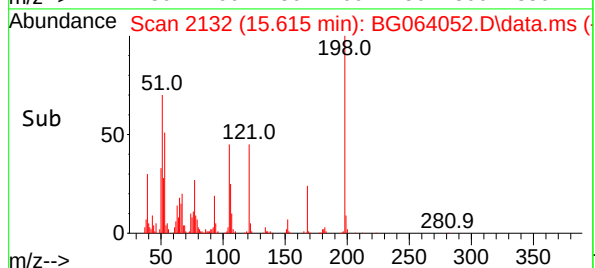
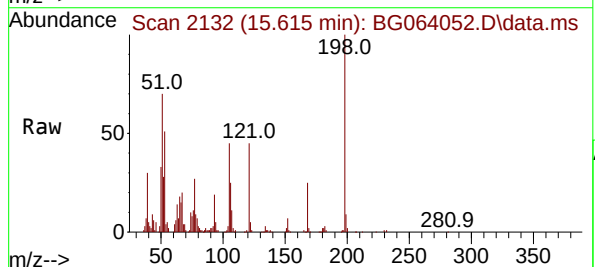
Manual Integrations  
APPROVED

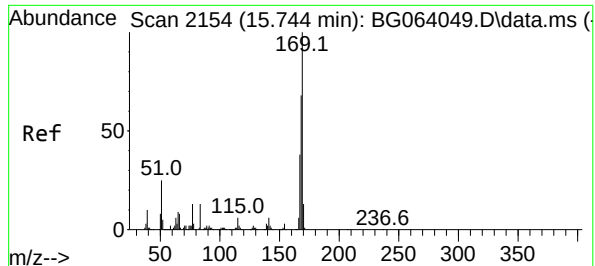
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#65  
4,6-Dinitro-2-methylphenol  
Concen: 81.905 ng  
RT: 15.615 min Scan# 2132  
Delta R.T. 0.006 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

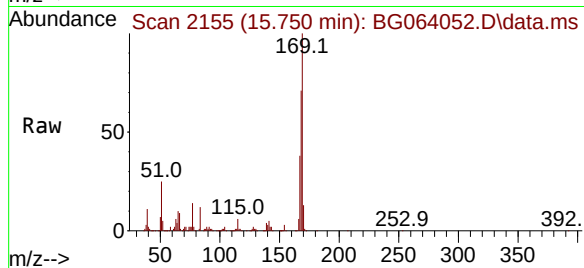
Tgt Ion:198 Resp: 100338  
Ion Ratio Lower Upper  
198 100  
51 69.9 45.6 85.6  
105 44.6 25.3 65.3





#66  
n-Nitrosodiphenylamine  
Concen: 79.884 ng  
RT: 15.750 min Scan# 2154  
Delta R.T. 0.006 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

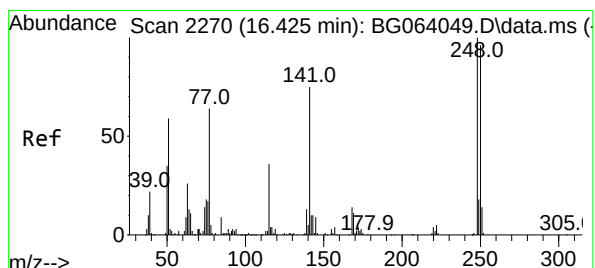
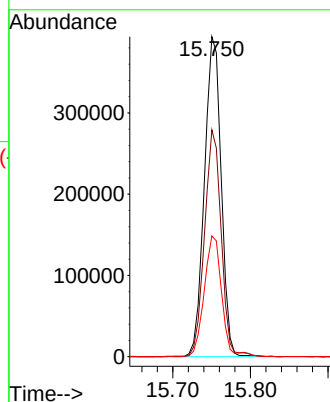
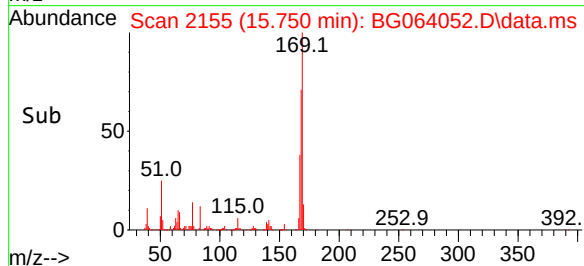
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:169 Resp: 590970  
Ion Ratio Lower Upper  
169 100  
168 70.9 54.1 81.1  
167 37.7 30.3 45.5

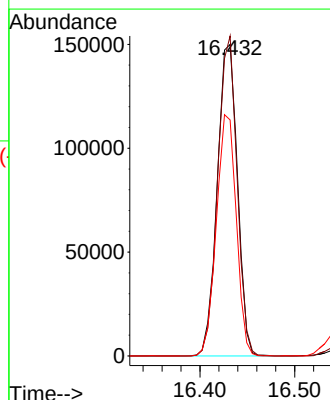
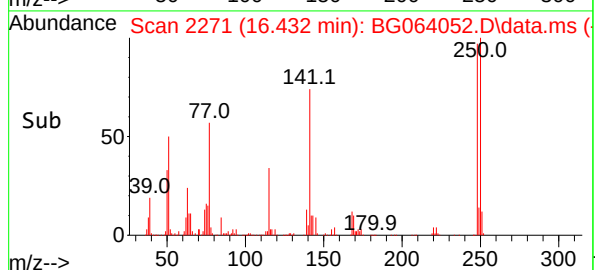
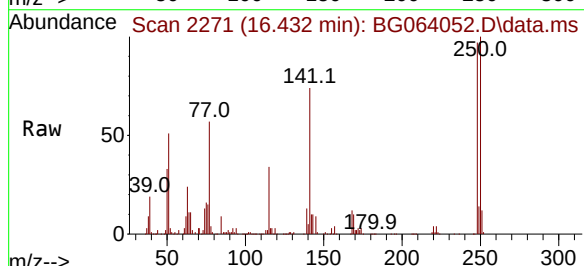
Manual Integrations  
APPROVED

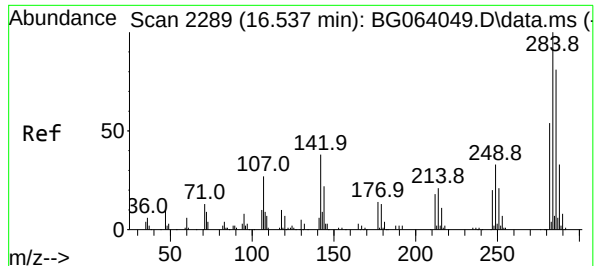
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#67  
4-Bromophenyl-phenylether  
Concen: 83.033 ng  
RT: 16.432 min Scan# 2271  
Delta R.T. 0.006 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

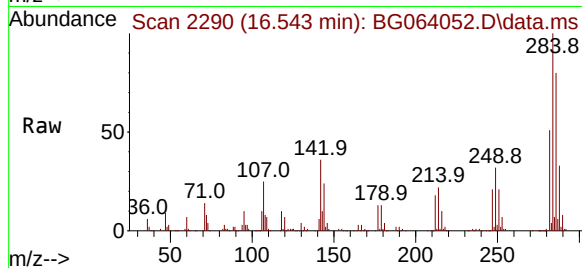
Tgt Ion:248 Resp: 222258  
Ion Ratio Lower Upper  
248 100  
250 102.7 77.1 115.7  
141 75.8 59.8 89.8





#68  
Hexachlorobenzene  
Concen: 80.390 ng  
RT: 16.543 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

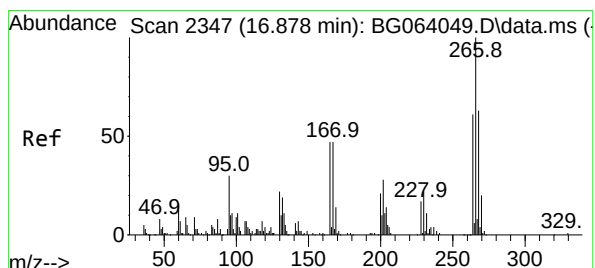
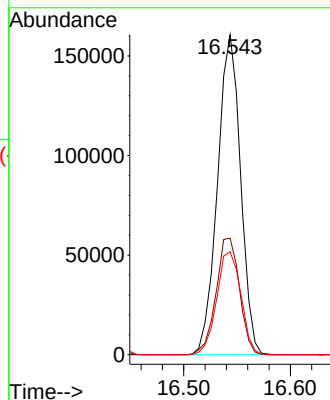
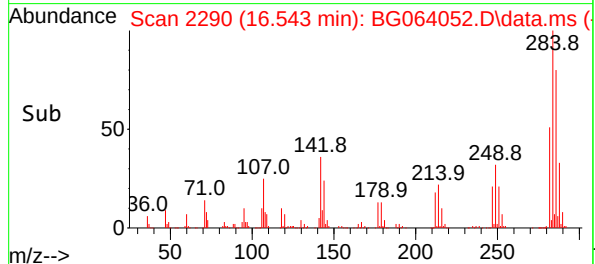
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



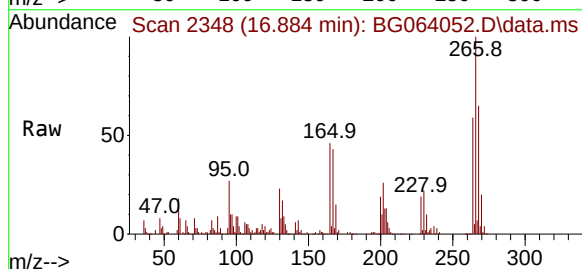
Tgt Ion:284 Resp: 24090  
Ion Ratio Lower Upper  
284 100  
142 36.4 30.6 45.8  
249 32.1 26.6 39.8

Manual Integrations  
APPROVED

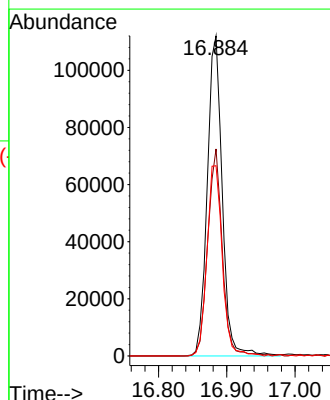
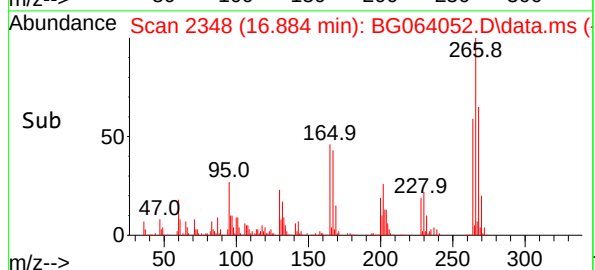
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

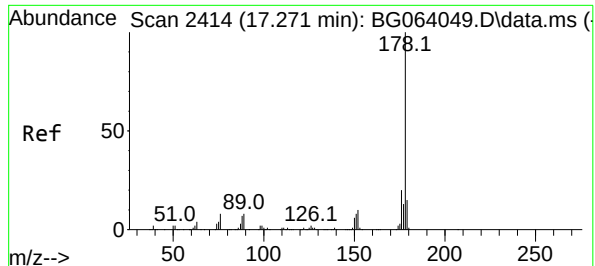


#70  
Pentachlorophenol  
Concen: 91.819 ng  
RT: 16.884 min Scan# 2348  
Delta R.T. 0.006 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44



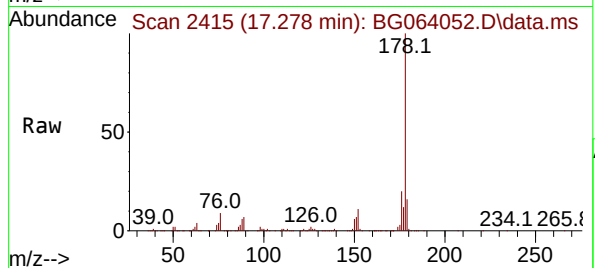
Tgt Ion:266 Resp: 170842  
Ion Ratio Lower Upper  
266 100  
268 64.7 50.2 75.4  
264 59.4 48.9 73.3





#71  
Phenanthrene  
Concen: 78.492 ng  
RT: 17.278 min Scan# 2414  
Delta R.T. 0.006 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

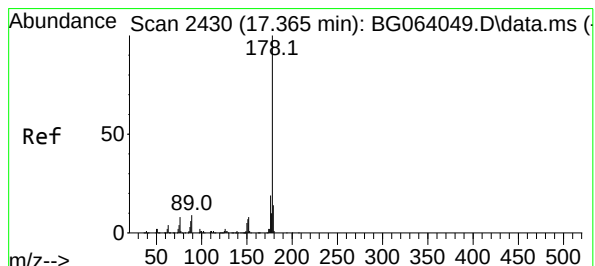
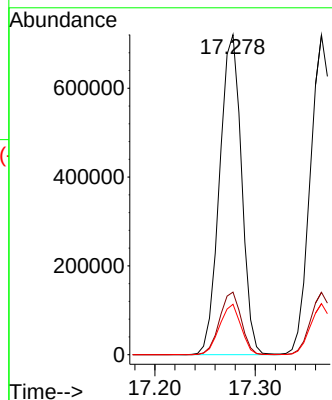
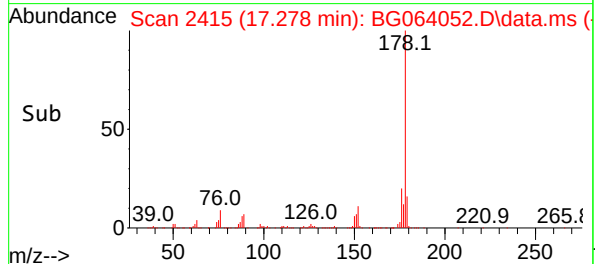
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:178 Resp: 109418  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.9 23.9  
179 15.8 12.2 18.2

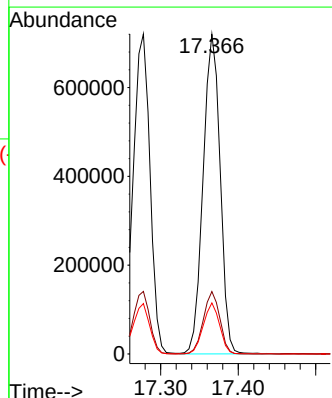
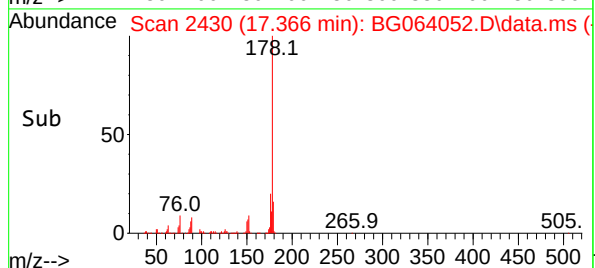
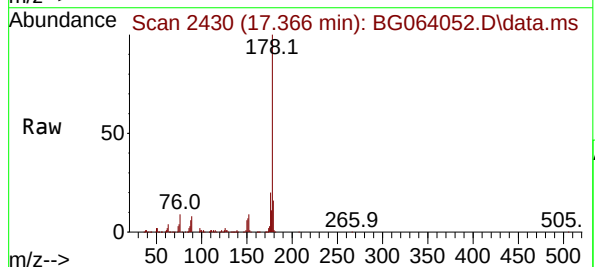
Manual Integrations  
APPROVED

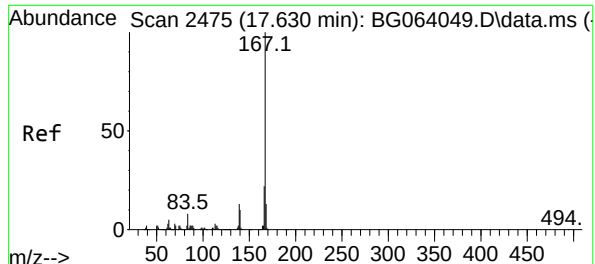
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#72  
Anthracene  
Concen: 79.297 ng  
RT: 17.366 min Scan# 2430  
Delta R.T. 0.001 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

Tgt Ion:178 Resp: 1099164  
Ion Ratio Lower Upper  
178 100  
176 19.5 14.8 22.2  
179 16.0 11.5 17.3





#73

Carbazole

Concen: 77.234 ng

RT: 17.636 min Scan# 2475

Delta R.T. 0.006 min

Lab File: BG064052.D

Acq: 5 Mar 2025 13:44

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

Tgt Ion:167 Resp: 999549

Ion Ratio Lower Upper

167 100

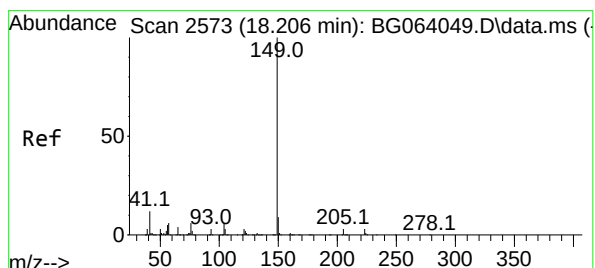
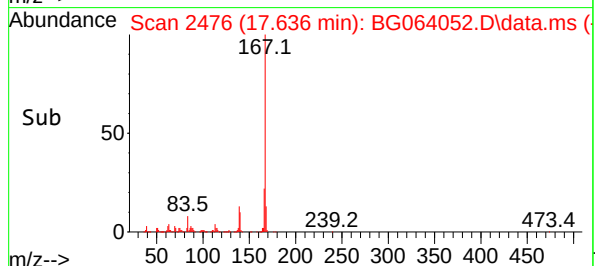
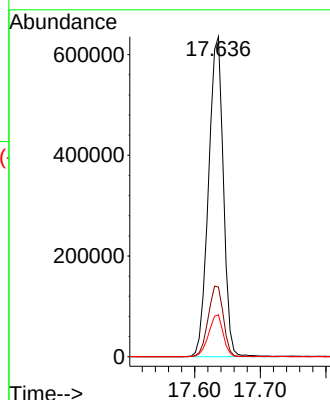
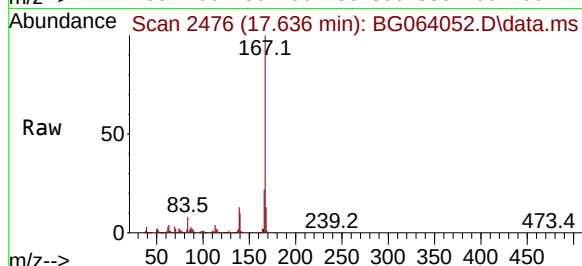
166 21.8 18.0 27.0

139 13.1 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
 Supervised By :mohammad ahmed 03/07/2025



#74

Di-n-butylphthalate

Concen: 82.920 ng

RT: 18.206 min Scan# 2573

Delta R.T. 0.001 min

Lab File: BG064052.D

Acq: 5 Mar 2025 13:44

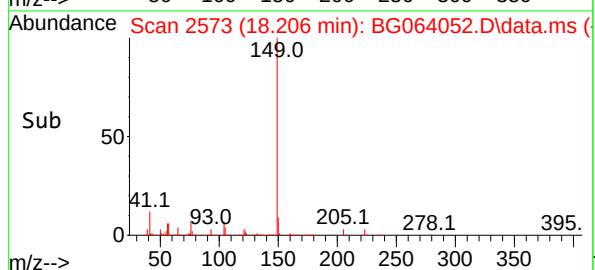
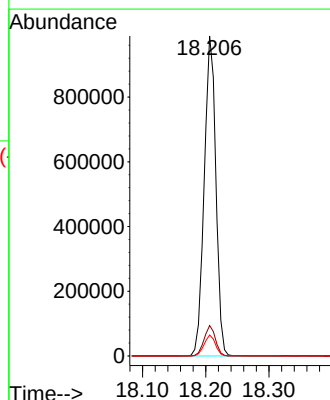
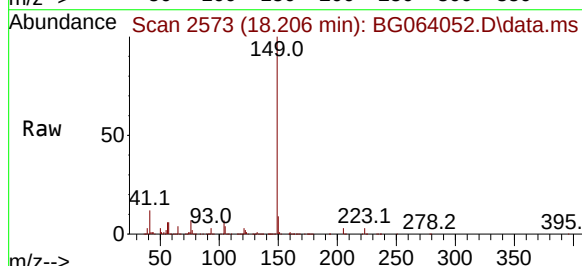
Tgt Ion:149 Resp: 1263186

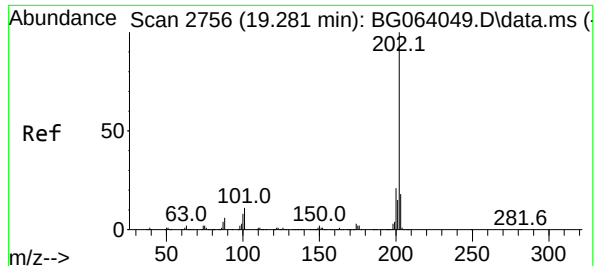
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.0

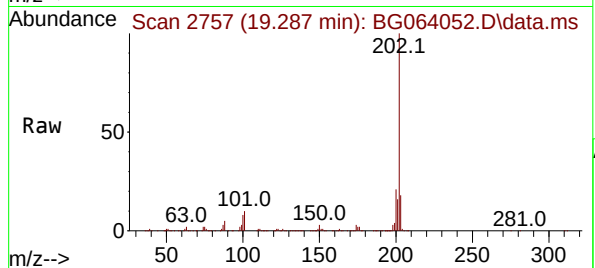
104 6.5 5.0 7.6





#75  
Fluoranthene  
Concen: 75.929 ng  
RT: 19.287 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

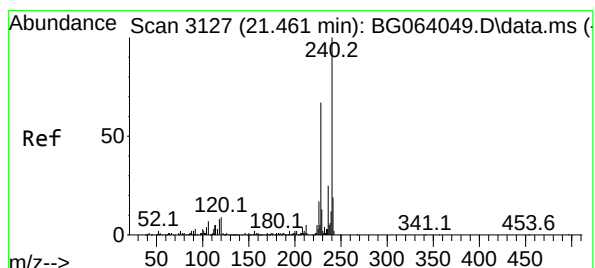
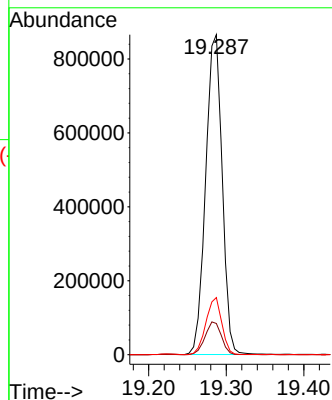
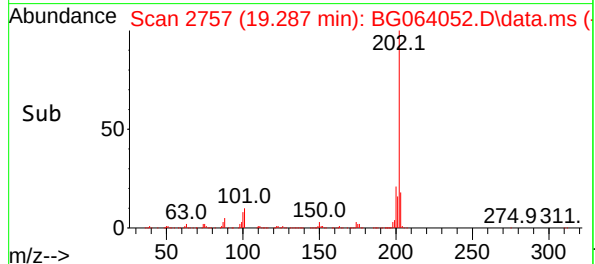
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:202 Resp: 1276040  
Ion Ratio Lower Upper  
202 100  
101 9.8 0.0 30.5  
203 17.9 0.0 38.3

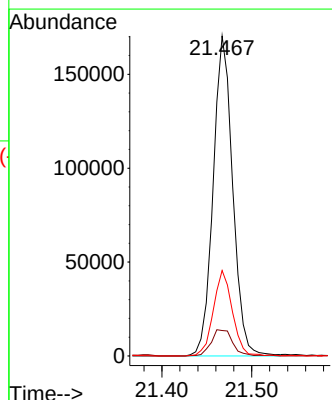
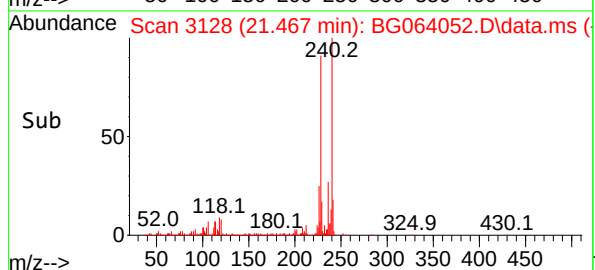
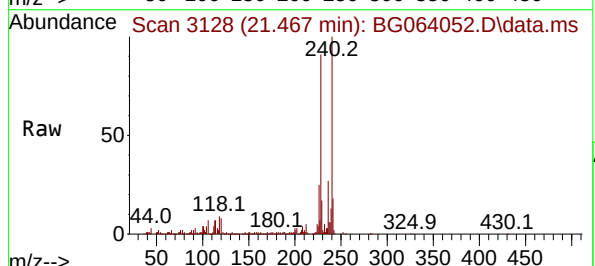
Manual Integrations  
APPROVED

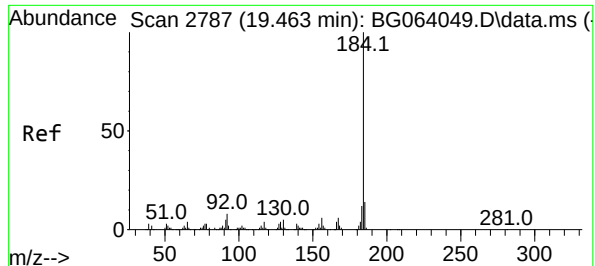
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.467 min Scan# 3128  
Delta R.T. 0.006 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

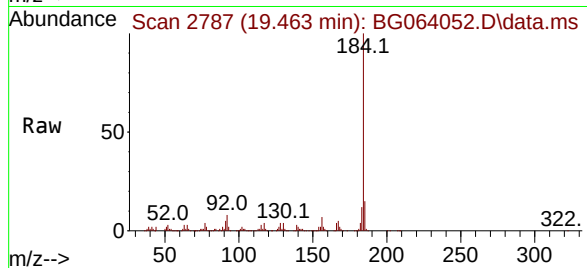
Tgt Ion:240 Resp: 257789  
Ion Ratio Lower Upper  
240 100  
120 8.0 7.2 10.8  
236 26.7 20.2 30.2





#77  
Benzidine  
Concen: 77.211 ng  
RT: 19.463 min Scan# 2787  
Delta R.T. 0.000 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

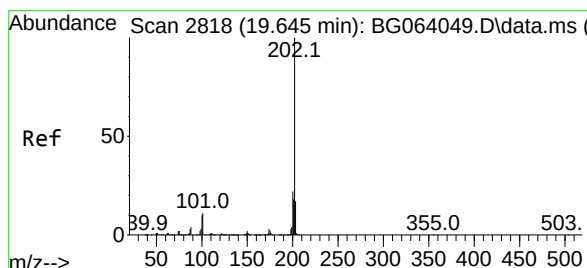
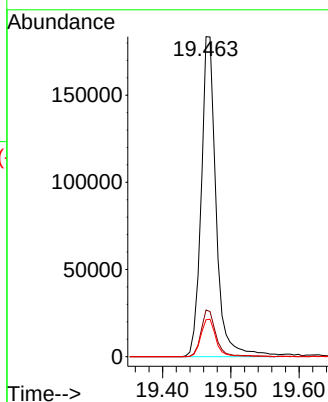
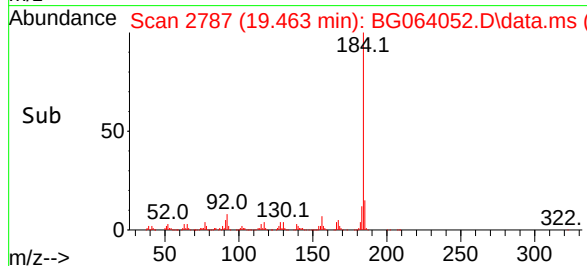
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:184 Resp: 27941  
Ion Ratio Lower Upper  
184 100  
185 14.6 11.3 16.9  
183 11.6 9.5 14.3

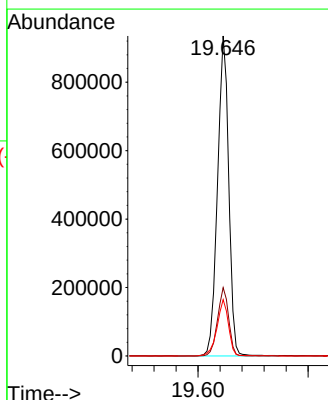
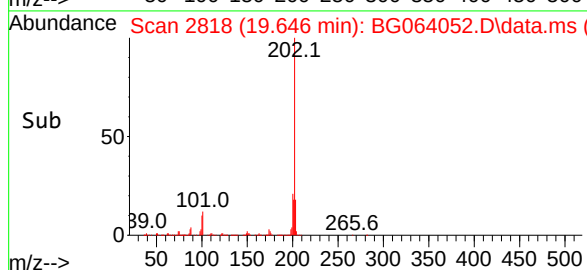
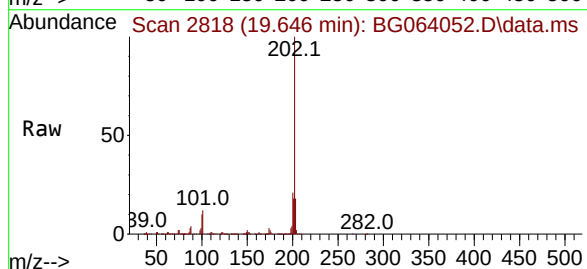
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

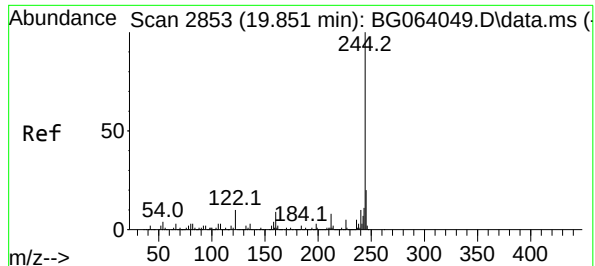


#78  
Pyrene  
Concen: 79.539 ng  
RT: 19.646 min Scan# 2818  
Delta R.T. 0.001 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

Tgt Ion:202 Resp: 1321748  
Ion Ratio Lower Upper  
202 100  
200 21.3 17.3 25.9  
203 17.6 13.6 20.4

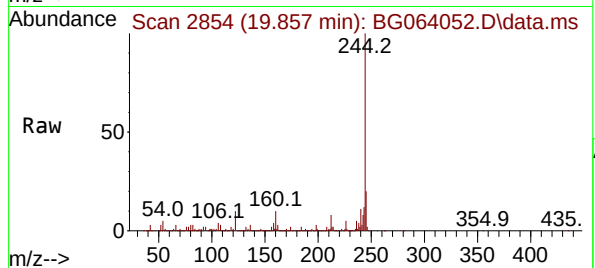






#79  
Terphenyl-d14  
Concen: 150.030 ng  
RT: 19.857 min Scan# 2854  
Delta R.T. 0.006 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

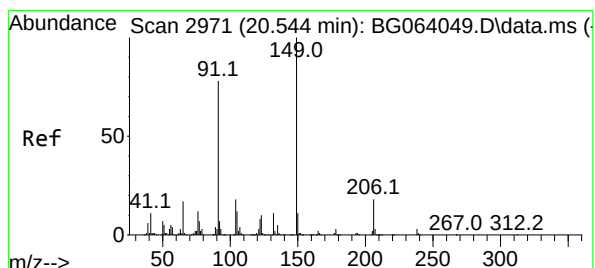
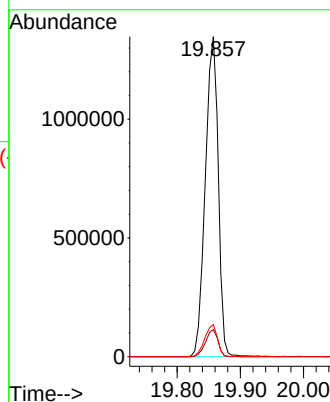
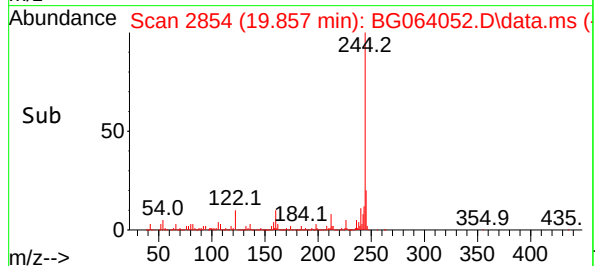
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:244 Resp: 1912762  
Ion Ratio Lower Upper  
244 100  
212 8.5 6.2 9.4  
122 10.0 8.0 12.0

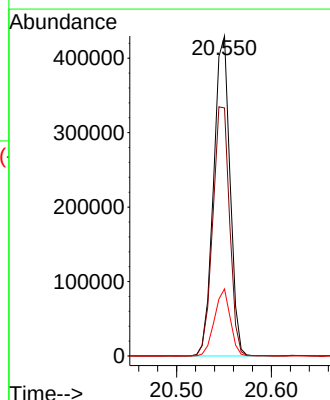
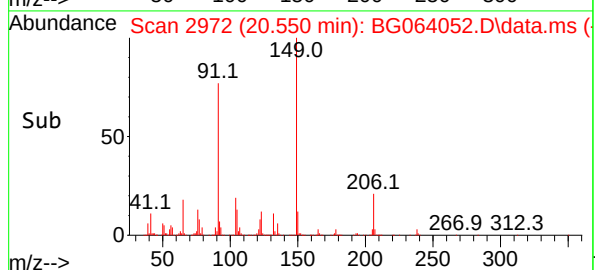
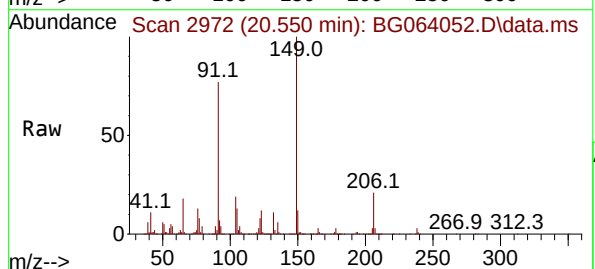
Manual Integrations  
APPROVED

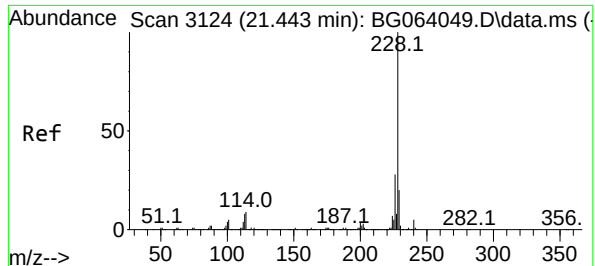
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#80  
Butylbenzylphthalate  
Concen: 80.379 ng  
RT: 20.550 min Scan# 2972  
Delta R.T. 0.006 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

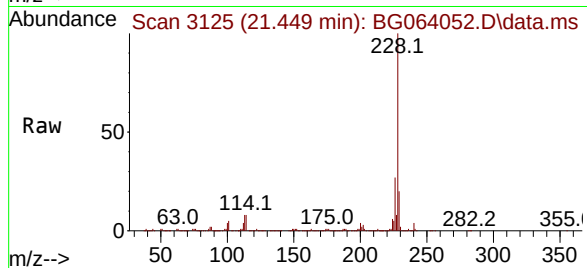
Tgt Ion:149 Resp: 517770  
Ion Ratio Lower Upper  
149 100  
91 77.5 62.0 93.0  
206 21.0 14.6 21.8





#81  
Benzo(a)anthracene  
Concen: 80.289 ng  
RT: 21.449 min Scan# 3124  
Delta R.T. 0.006 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

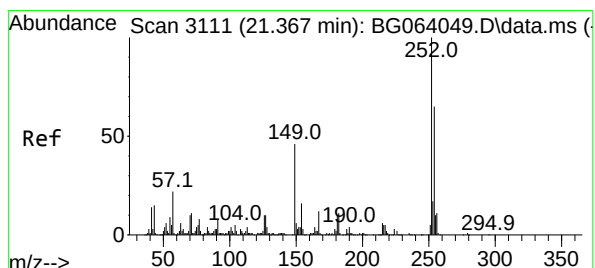
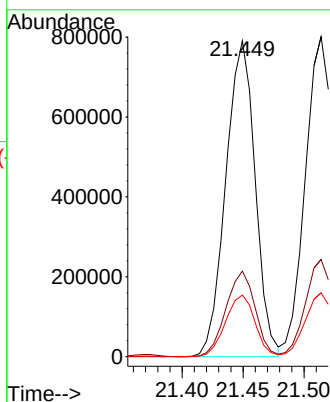
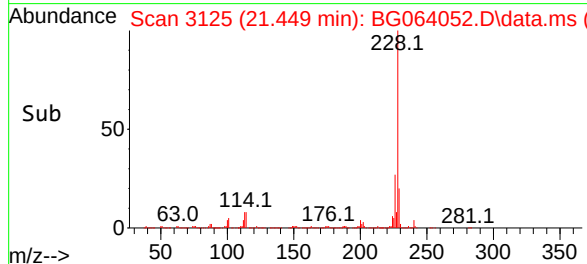
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:228 Resp: 1325828  
Ion Ratio Lower Upper  
228 100  
226 27.1 22.2 33.2  
229 19.5 16.4 24.6

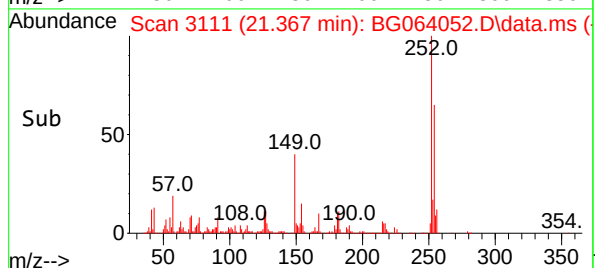
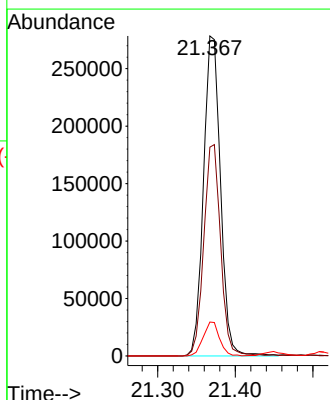
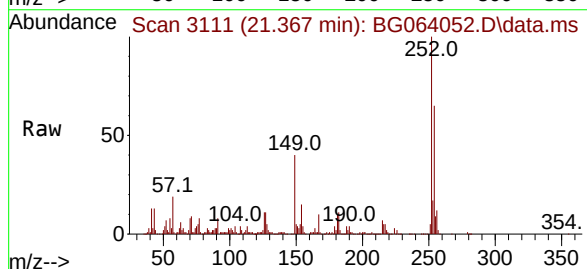
Manual Integrations  
APPROVED

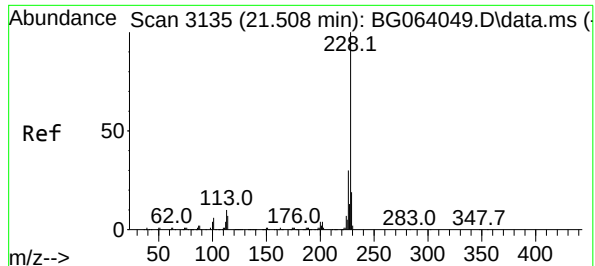
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#82  
3,3'-Dichlorobenzidine  
Concen: 79.269 ng  
RT: 21.367 min Scan# 3111  
Delta R.T. 0.001 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

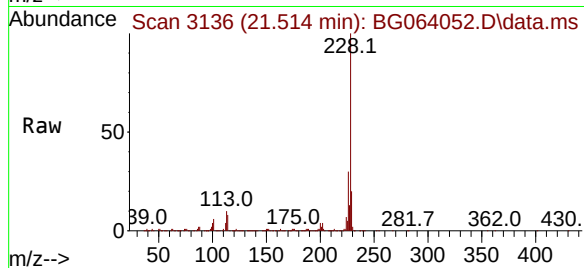
Tgt Ion:252 Resp: 423636  
Ion Ratio Lower Upper  
252 100  
254 65.3 52.1 78.1  
126 10.6 7.8 11.8





#83  
Chrysene  
Concen: 78.391 ng  
RT: 21.514 min Scan# 3136  
Delta R.T. 0.006 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

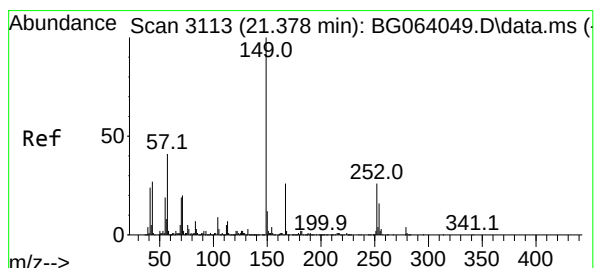
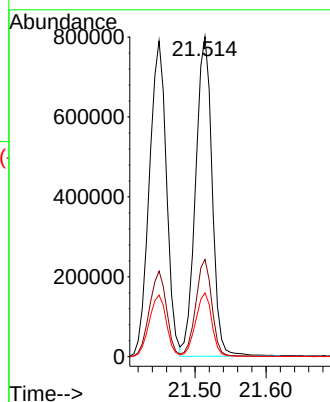
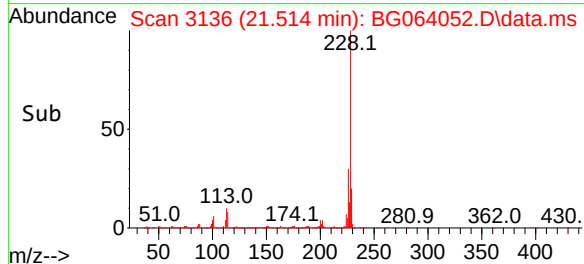
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:228 Resp: 1291089  
Ion Ratio Lower Upper  
228 100  
226 30.4 23.9 35.9  
229 19.9 15.3 22.9

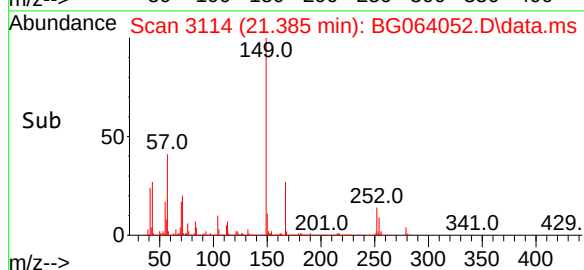
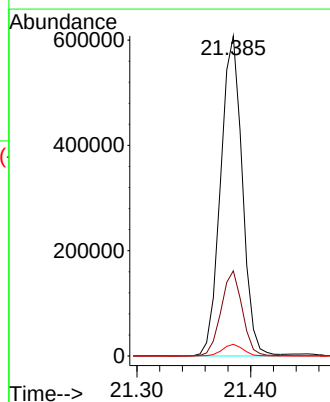
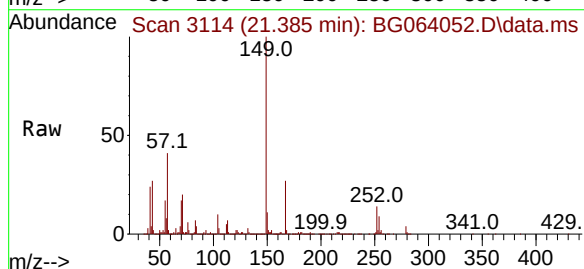
Manual Integrations  
APPROVED

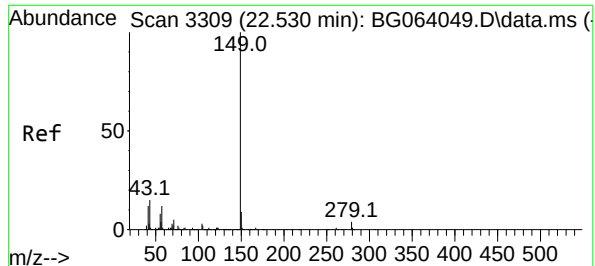
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 90.273 ng  
RT: 21.385 min Scan# 3114  
Delta R.T. 0.006 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

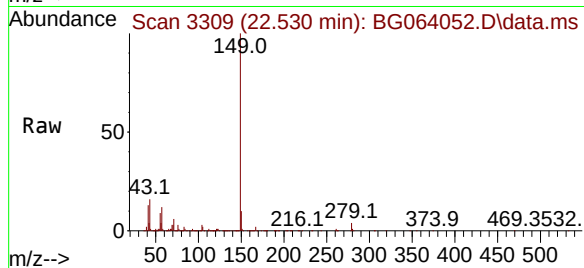
Tgt Ion:149 Resp: 806194  
Ion Ratio Lower Upper  
149 100  
167 26.6 21.0 31.6  
279 3.6 2.8 4.2





#85  
Di-n-octyl phthalate  
Concen: 89.556 ng  
RT: 22.530 min Scan# 3309  
Delta R.T. 0.000 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

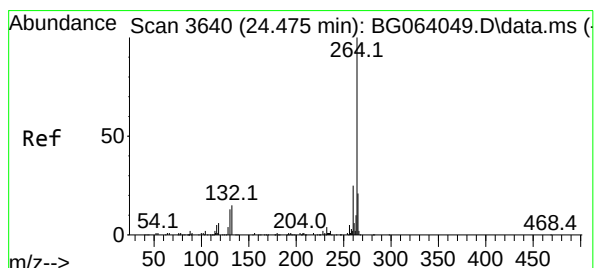
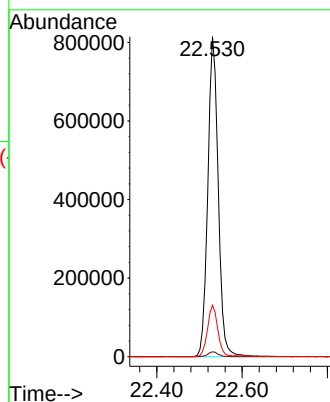
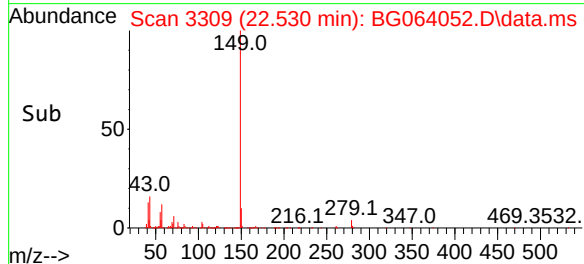
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



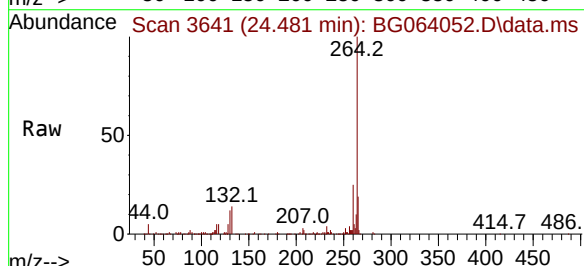
Tgt Ion:149 Resp: 137951  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 16.1 12.6 19.0

Manual Integrations  
APPROVED

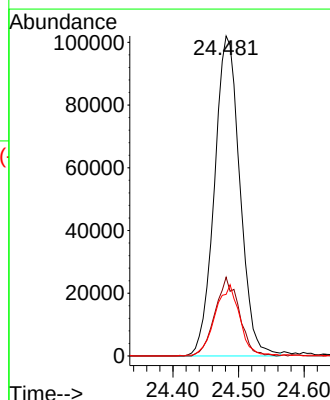
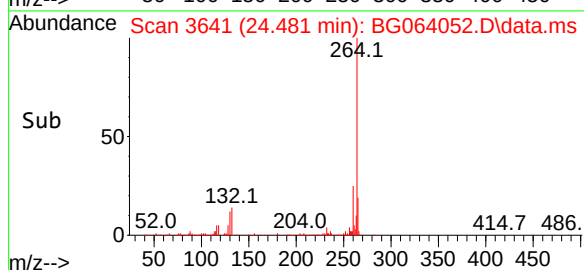
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

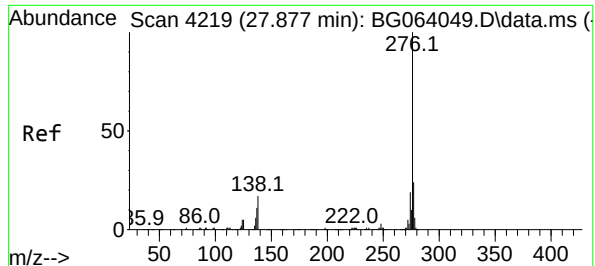


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.481 min Scan# 3641  
Delta R.T. 0.006 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44



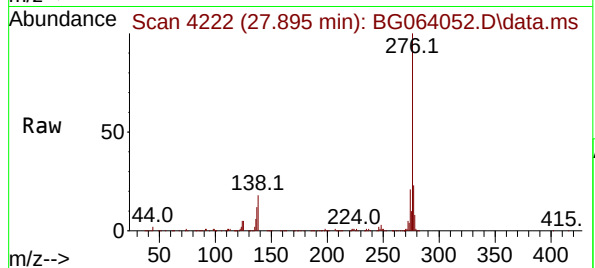
Tgt Ion:264 Resp: 274554  
Ion Ratio Lower Upper  
264 100  
260 24.6 19.6 29.4  
265 19.2 16.6 25.0





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 83.318 ng  
RT: 27.895 min Scan# 41  
Delta R.T. 0.018 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

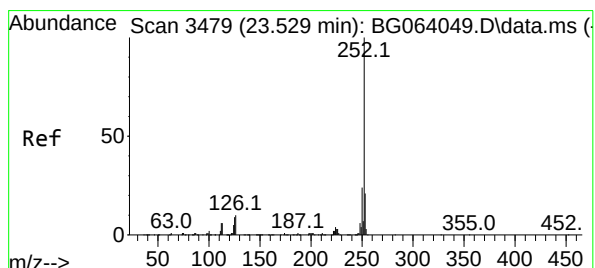
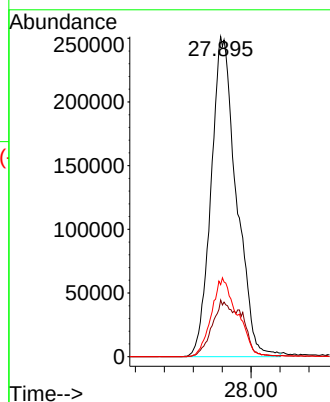
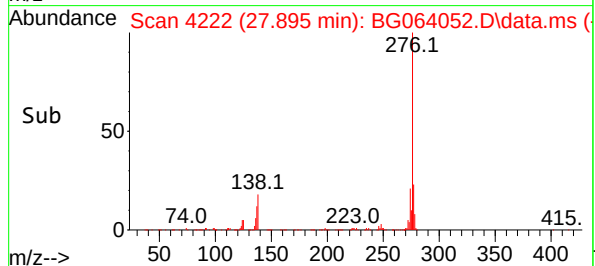
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:276 Resp: 1530540  
Ion Ratio Lower Upper  
276 100  
138 14.6 12.1 18.1  
277 25.2 20.0 30.0

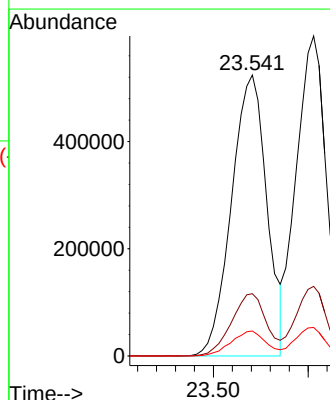
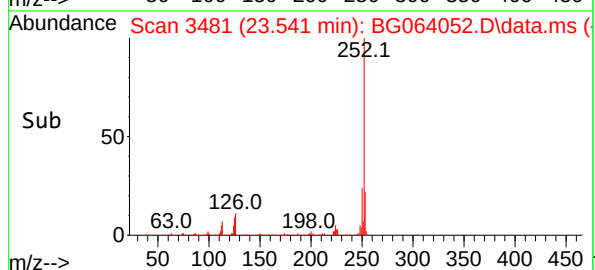
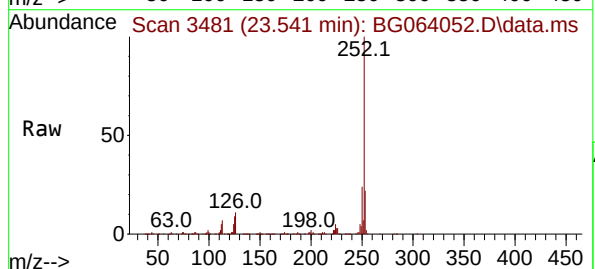
Manual Integrations  
APPROVED

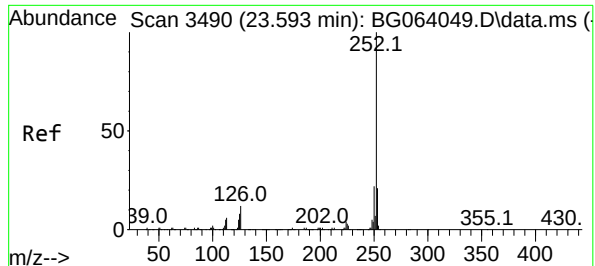
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#88  
Benzo(b)fluoranthene  
Concen: 81.758 ng  
RT: 23.541 min Scan# 3481  
Delta R.T. 0.012 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

Tgt Ion:252 Resp: 1356996  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.0 25.4  
125 8.9 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 80.120 ng

RT: 23.606 min Scan# 3490

Delta R.T. 0.012 min

Lab File: BG064052.D

Acq: 5 Mar 2025 13:44

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 133408

Ion Ratio Lower Upper

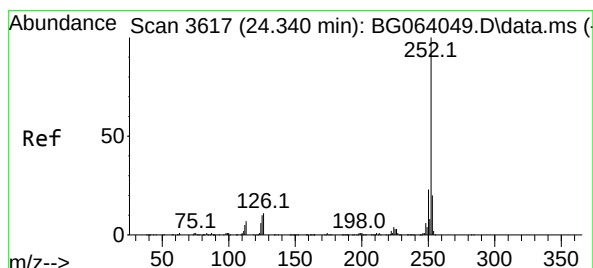
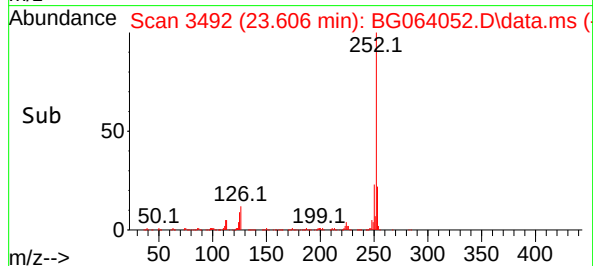
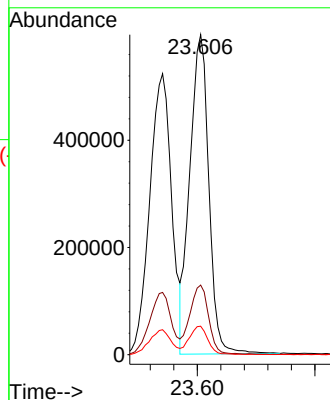
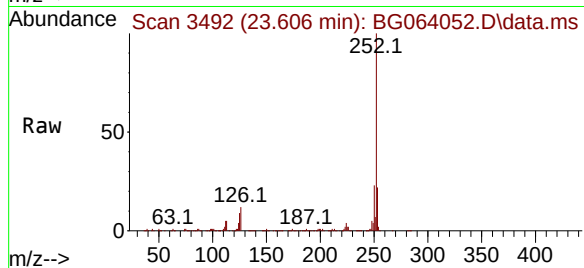
252 100

253 21.8 16.8 25.2

125 8.9 6.9 10.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

#90

Benzo(a)pyrene

Concen: 81.191 ng

RT: 24.346 min Scan# 3618

Delta R.T. 0.006 min

Lab File: BG064052.D

Acq: 5 Mar 2025 13:44

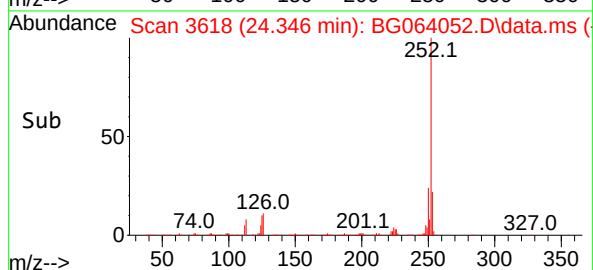
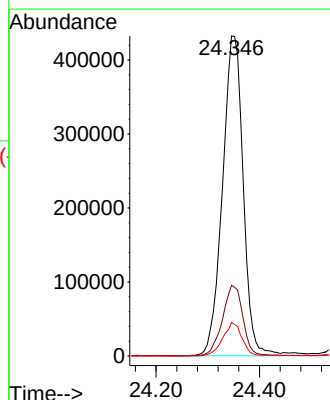
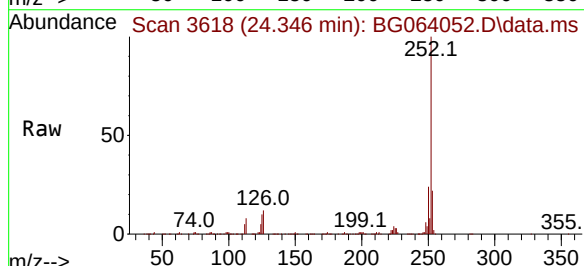
Tgt Ion:252 Resp: 1200152

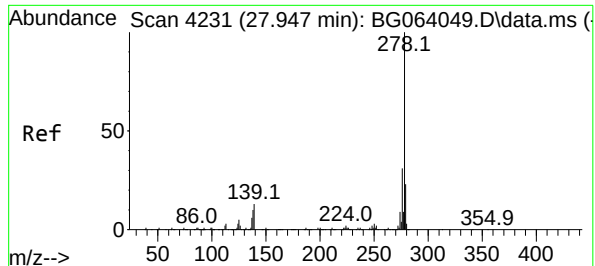
Ion Ratio Lower Upper

252 100

253 22.1 16.2 24.2

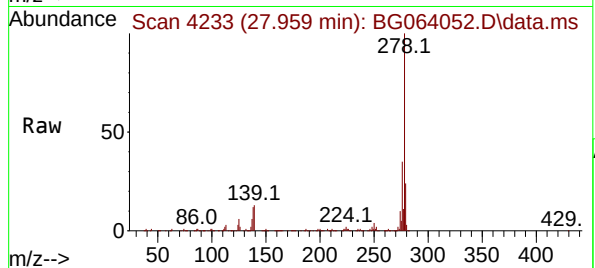
125 10.5 7.8 11.6





#91  
Dibenzo(a,h)anthracene  
Concen: 83.647 ng  
RT: 27.959 min Scan# 41  
Delta R.T. 0.012 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44

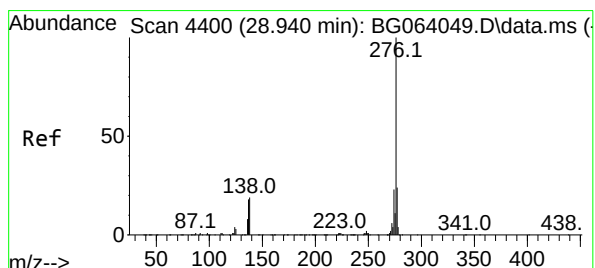
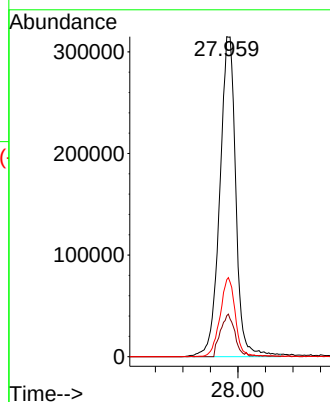
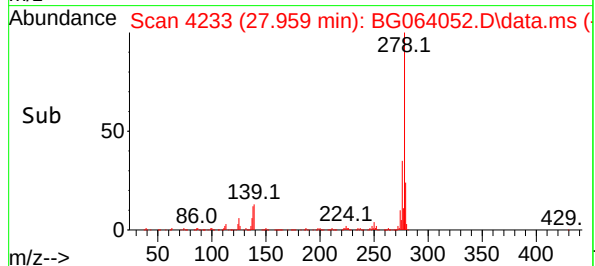
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



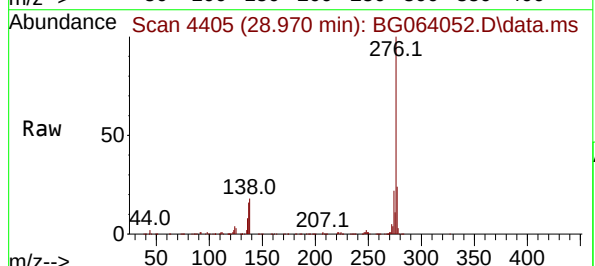
Tgt Ion:278 Resp: 127388  
Ion Ratio Lower Upper  
278 100  
139 12.8 10.2 15.2  
279 24.1 18.1 27.1

Manual Integrations  
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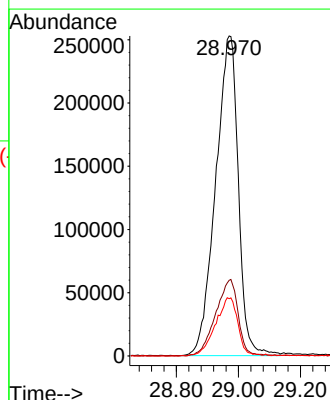
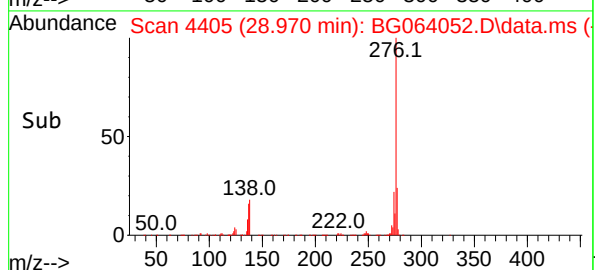
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#92  
Benzo(g,h,i)perylene  
Concen: 82.048 ng  
RT: 28.970 min Scan# 4405  
Delta R.T. 0.030 min  
Lab File: BG064052.D  
Acq: 5 Mar 2025 13:44



Tgt Ion:276 Resp: 1282909  
Ion Ratio Lower Upper  
276 100  
277 23.7 19.5 29.3  
138 17.9 15.4 23.0



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030525\  
 Data File : BG064053.D  
 Acq On : 5 Mar 2025 15:10  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

ICVBG030525

## Manual Integrations

## APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025

Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:42:26 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 05 15:39:19 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.861  | 152  | 35090    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.652 | 136  | 145084   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.489 | 164  | 93726    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.227 | 188  | 217148   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.463 | 240  | 246166   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.483 | 264  | 261789   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.446  | 112  | 177138   | 78.823 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.021  | 99   | 230804   | 75.496 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.013  | 82   | 221265   | 84.279 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.975 | 330  | 94089    | 90.311 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.114 | 172  | 495129   | 80.186 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.853 | 244  | 940889   | 77.284 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.378  | 88   | 40961    | 40.218 | ng    | 97       |
| 3) Pyridine                   | 3.760  | 79   | 98907    | 39.931 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.678  | 42   | 70753    | 39.980 | ng    | 94       |
| 6) Aniline                    | 7.186  | 93   | 112627   | 37.544 | ng    | 97       |
| 8) 2-Chlorophenol             | 7.426  | 128  | 92723    | 38.417 | ng    | 97       |
| 9) Benzaldehyde               | 6.997  | 77   | 67720m   | 38.087 | ng    |          |
| 10) Phenol                    | 7.050  | 94   | 121465   | 38.806 | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.285  | 93   | 90358    | 36.822 | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.750  | 146  | 97739    | 36.876 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.896  | 146  | 99638    | 36.676 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.214  | 146  | 96129    | 36.695 | ng    | 97       |
| 15) Benzyl Alcohol            | 8.096  | 79   | 89828    | 38.023 | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.390  | 45   | 201622   | 36.540 | ng    | 99       |
| 17) 2-Methylphenol            | 8.296  | 107  | 78276    | 37.680 | ng    | 97       |
| 18) Hexachloroethane          | 8.942  | 117  | 37454    | 39.404 | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.666  | 70   | 76484    | 35.648 | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.619  | 107  | 106291   | 37.166 | ng    | 95       |
| 22) Acetophenone              | 8.678  | 105  | 156271   | 39.285 | ng    | # 99     |
| 24) Nitrobenzene              | 9.054  | 77   | 114521   | 42.208 | ng    | 98       |
| 25) Isophorone                | 9.577  | 82   | 198754   | 37.823 | ng    | 97       |
| 26) 2-Nitrophenol             | 9.765  | 139  | 36978    | 40.946 | ng    | 92       |
| 27) 2,4-Dimethylphenol        | 9.824  | 122  | 63231    | 40.139 | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 10.064 | 93   | 123038   | 38.620 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.294 | 162  | 81863    | 41.154 | ng    | 93       |
| 30) 1,2,4-Trichlorobenzene    | 10.517 | 180  | 93175    | 38.802 | ng    | 93       |
| 31) Naphthalene               | 10.699 | 128  | 308258   | 39.402 | ng    | 98       |
| 32) Benzoic acid              | 9.953  | 122  | 51607m   | 37.906 | ng    |          |
| 33) 4-Chloroaniline           | 10.805 | 127  | 114228   | 39.949 | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.993 | 225  | 62517    | 39.720 | ng    | 99       |
| 35) Caprolactam               | 11.563 | 113  | 32080    | 42.084 | ng    | # 85     |
| 36) 4-Chloro-3-methylphenol   | 11.927 | 107  | 103382   | 39.649 | ng    | 96       |
| 37) 2-Methylnaphthalene       | 12.309 | 142  | 212431   | 38.463 | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.532 | 142  | 209530   | 38.724 | ng    | 94       |
| 40) 1,2,4,5-Tetrachloroben... | 12.679 | 216  | 106041   | 39.630 | ng    | 95       |
| 41) Hexachlorocyclopentadiene | 12.667 | 237  | 33041    | 43.873 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.914 | 196  | 66496    | 42.165 | ng    | 99       |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030525\  
 Data File : BG064053.D  
 Acq On : 5 Mar 2025 15:10  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

ICVBG030525

## Manual Integrations

## APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025

Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:42:26 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 05 15:39:19 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.985 | 196  | 74580    | 42.561 | ng    | 95       |
| 46) 1,1'-Biphenyl             | 13.325 | 154  | 284632   | 40.196 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.361 | 162  | 208172   | 40.309 | ng    | 97       |
| 48) 2-Nitroaniline            | 13.560 | 65   | 68823    | 41.405 | ng    | 98       |
| 49) Acenaphthylene            | 14.207 | 152  | 331135   | 40.537 | ng    | 100      |
| 50) Dimethylphthalate         | 13.948 | 163  | 274751   | 39.712 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.060 | 165  | 56243    | 40.625 | ng    | 99       |
| 52) Acenaphthene              | 14.553 | 154  | 221628m  | 40.428 | ng    |          |
| 53) 3-Nitroaniline            | 14.389 | 138  | 60229    | 45.042 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 14.589 | 184  | 21627    | 41.197 | ng    | 86       |
| 55) Dibenzofuran              | 14.888 | 168  | 355364   | 40.014 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.688 | 139  | 53310    | 47.537 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 14.847 | 165  | 80269    | 41.944 | ng    | # 97     |
| 58) Fluorene                  | 15.535 | 166  | 279465   | 40.403 | ng    | 96       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.111 | 232  | 73574    | 43.068 | ng    | 96       |
| 60) Diethylphthalate          | 15.317 | 149  | 309434   | 41.198 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.535 | 204  | 135318   | 39.367 | ng    | 95       |
| 62) 4-Nitroaniline            | 15.546 | 138  | 65797    | 45.576 | ng    | 91       |
| 63) Azobenzene                | 15.822 | 77   | 321688   | 40.137 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.611 | 198  | 35775    | 39.817 | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 15.746 | 169  | 241241   | 39.248 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.428 | 248  | 88452    | 39.772 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.539 | 284  | 96136    | 38.611 | ng    | 97       |
| 69) Atrazine                  | 16.692 | 200  | 69821    | 38.607 | ng    | 95       |
| 70) Pentachlorophenol         | 16.880 | 266  | 66504    | 43.019 | ng    | 97       |
| 71) Phenanthrene              | 17.274 | 178  | 463029   | 39.978 | ng    | 97       |
| 72) Anthracene                | 17.362 | 178  | 463897   | 40.280 | ng    | 99       |
| 73) Carbazole                 | 17.626 | 167  | 449805   | 41.831 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.208 | 149  | 565797   | 44.702 | ng    | 99       |
| 75) Fluoranthene              | 19.283 | 202  | 588493   | 42.146 | ng    | 97       |
| 77) Benzidine                 | 19.465 | 184  | 127428   | 37.383 | ng    | 98       |
| 78) Pyrene                    | 19.641 | 202  | 608668   | 38.357 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.546 | 149  | 238653   | 40.680 | ng    | 96       |
| 81) Benzo(a)anthracene        | 21.445 | 228  | 624403   | 39.598 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.369 | 252  | 209761   | 41.103 | ng    | 99       |
| 83) Chrysene                  | 21.504 | 228  | 611410   | 38.876 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.381 | 149  | 379928   | 44.551 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.532 | 149  | 627920   | 42.688 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 27.885 | 276  | 699194   | 39.918 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 23.531 | 252  | 615644   | 38.901 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.596 | 252  | 620446   | 39.079 | ng    | 98       |
| 90) Benzo(a)pyrene            | 24.342 | 252  | 546383   | 38.765 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 27.949 | 278  | 583198   | 40.162 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 28.936 | 276  | 592494   | 39.740 | ng    | 98       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

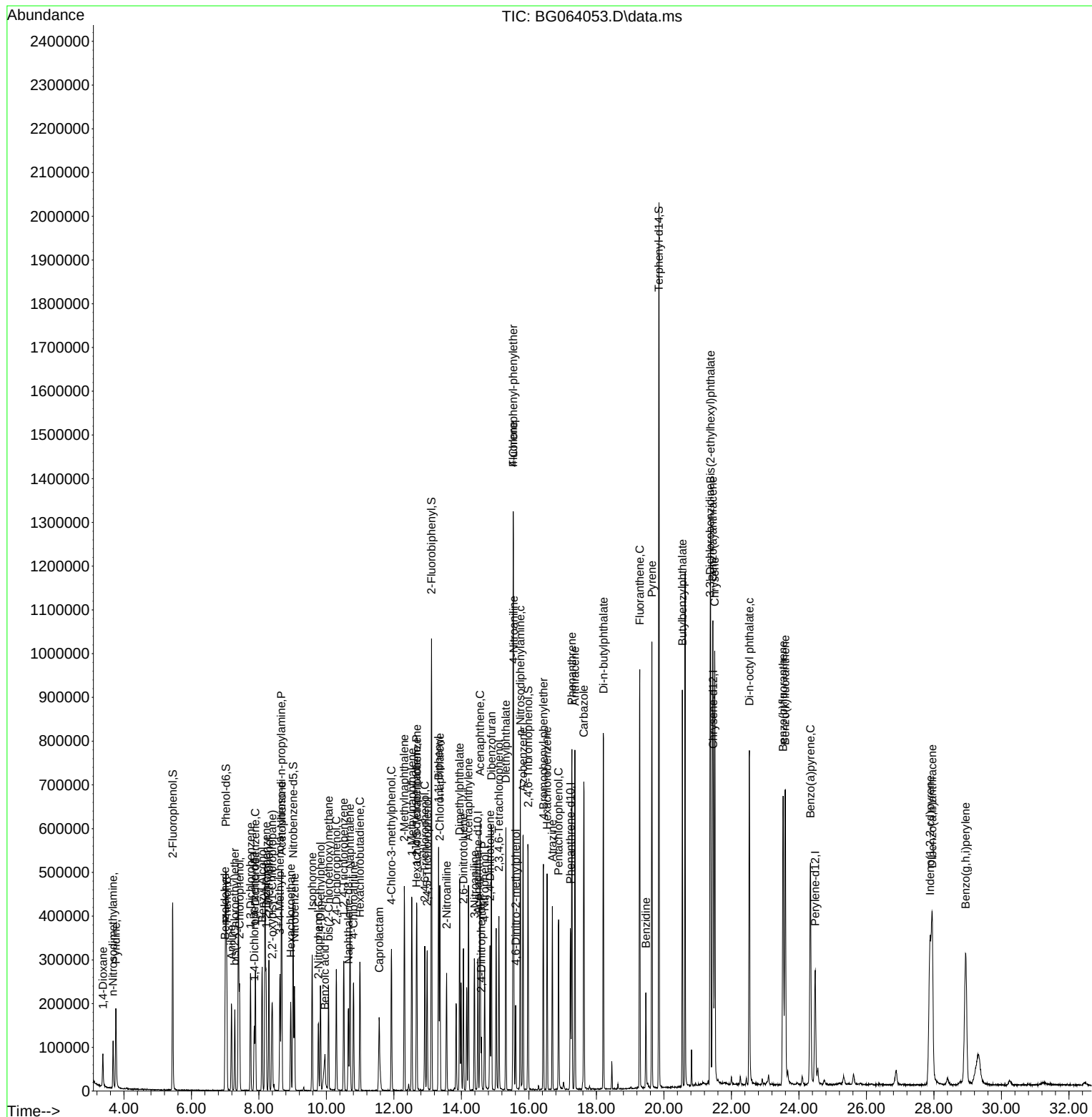
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 Data File : BG064053.D  
 Acq On : 5 Mar 2025 15:10  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

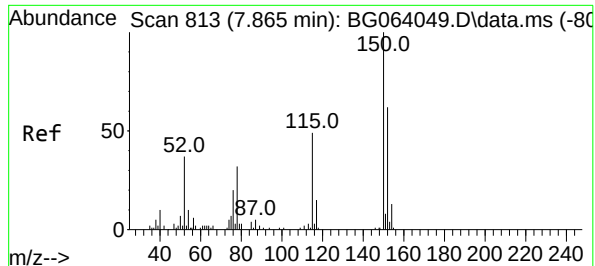
Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG030525

### Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
 Supervised By :mohammad ahmed 03/07/2025

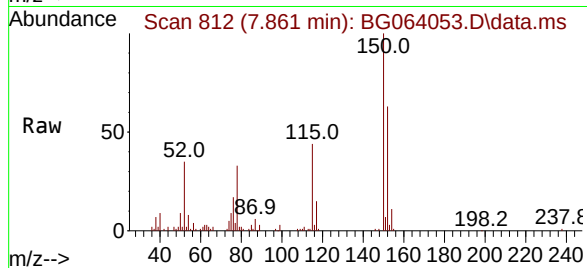
Quant Time: Mar 05 15:42:26 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 05 15:39:19 2025  
 Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.861 min Scan# 813  
Delta R.T. -0.004 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

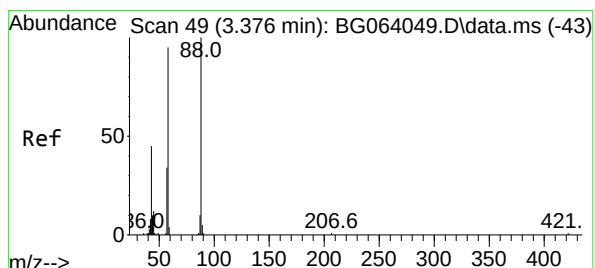
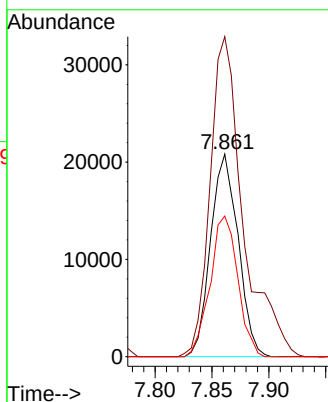
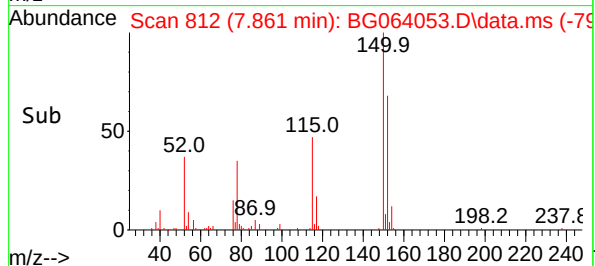
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030525



Tgt Ion:152 Resp: 35090  
Ion Ratio Lower Upper  
152 100  
150 158.0 129.2 193.8  
115 69.5 63.0 94.6

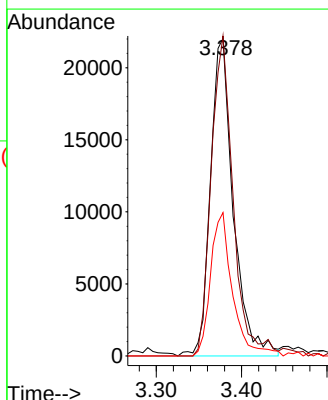
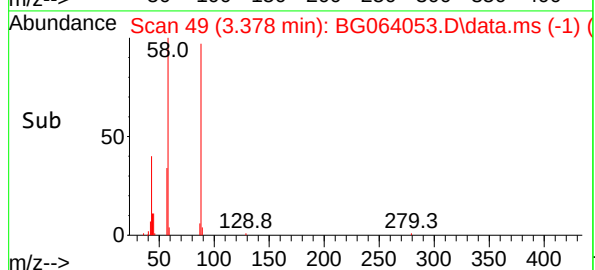
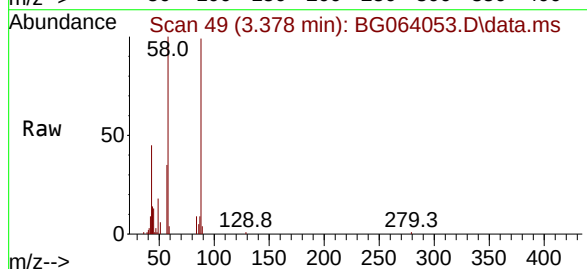
Manual Integrations  
APPROVED

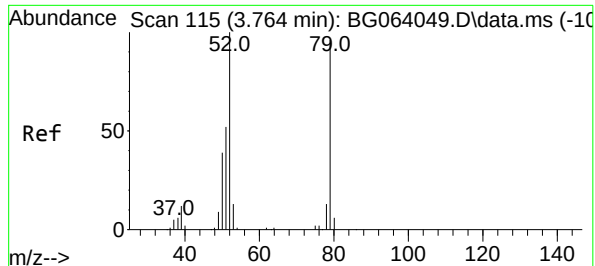
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#2  
1,4-Dioxane  
Concen: 40.218 ng  
RT: 3.378 min Scan# 49  
Delta R.T. 0.002 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

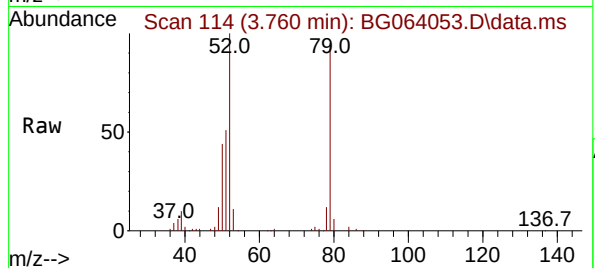
Tgt Ion: 88 Resp: 40961  
Ion Ratio Lower Upper  
88 100  
58 96.9 74.6 111.8  
43 43.3 35.5 53.3





#3  
Pyridine  
Concen: 39.931 ng  
RT: 3.760 min Scan# 115  
Delta R.T. -0.004 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

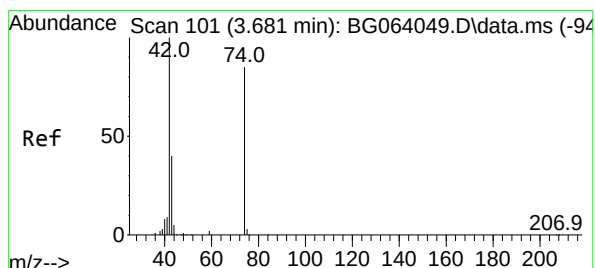
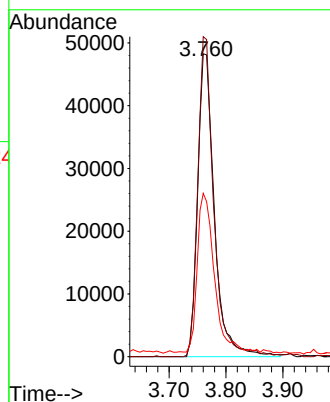
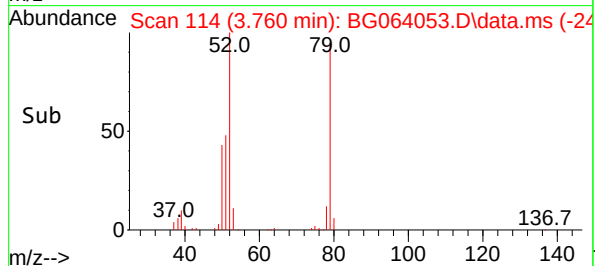
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030525



Tgt Ion: 79 Resp: 9890  
Ion Ratio Lower Upper  
79 100  
52 105.6 83.0 124.6  
51 54.0 44.3 66.5

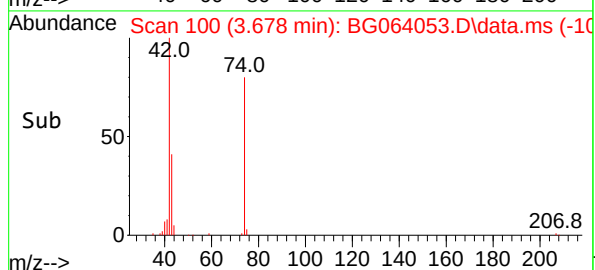
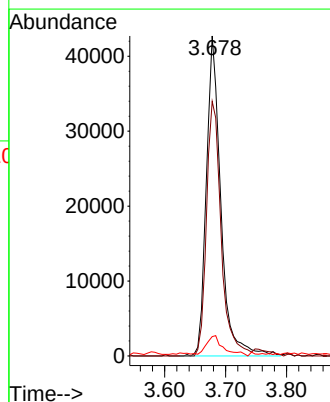
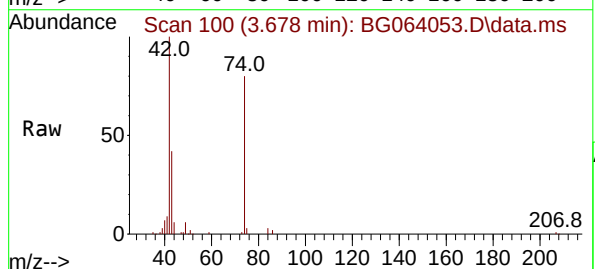
Manual Integrations  
APPROVED

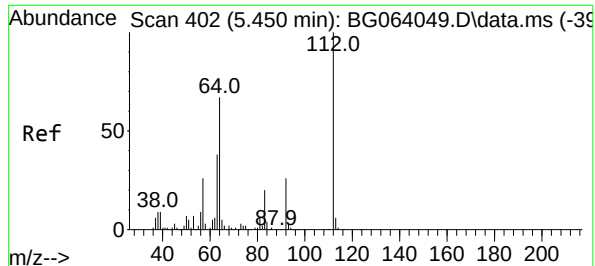
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#4  
n-Nitrosodimethylamine  
Concen: 39.980 ng  
RT: 3.678 min Scan# 100  
Delta R.T. -0.004 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

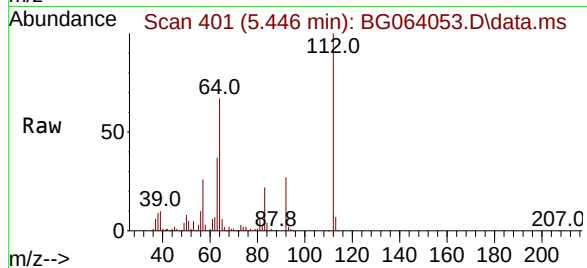
Tgt Ion: 42 Resp: 70753  
Ion Ratio Lower Upper  
42 100  
74 79.5 68.0 102.0  
44 6.0 4.9 7.3





#5  
2-Fluorophenol  
Concen: 78.823 ng  
RT: 5.446 min Scan# 402  
Delta R.T. -0.004 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

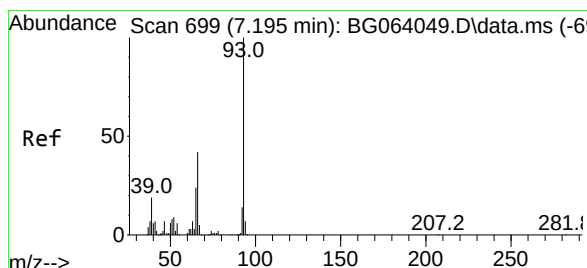
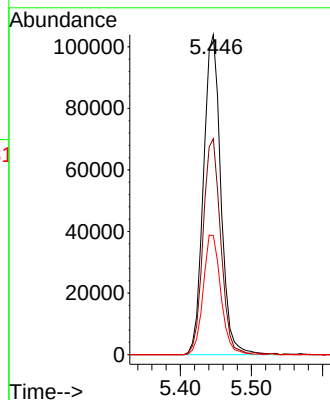
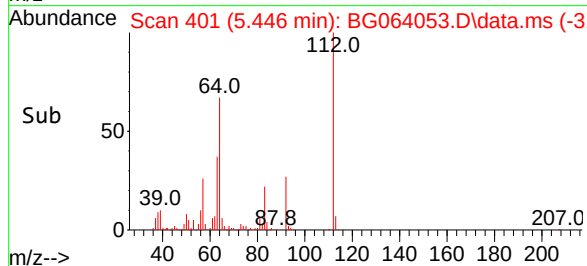
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030525



Tgt Ion: 112 Resp: 177138  
Ion Ratio Lower Upper  
112 100  
64 67.5 53.7 80.5  
63 37.2 30.2 45.4

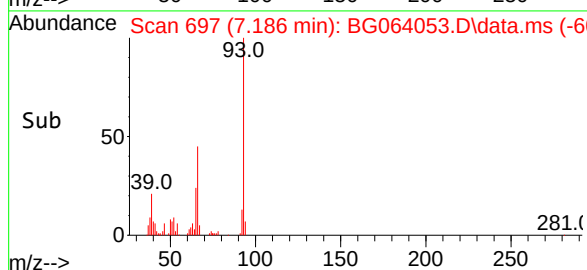
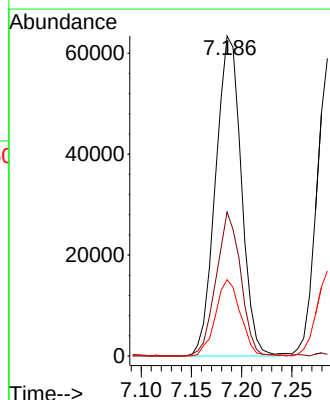
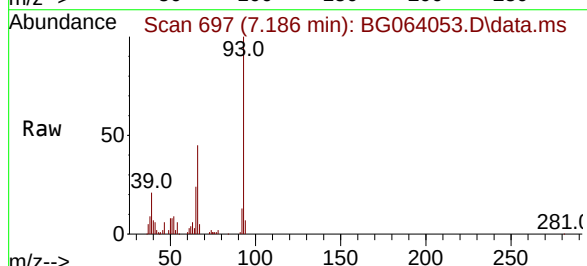
Manual Integrations  
APPROVED

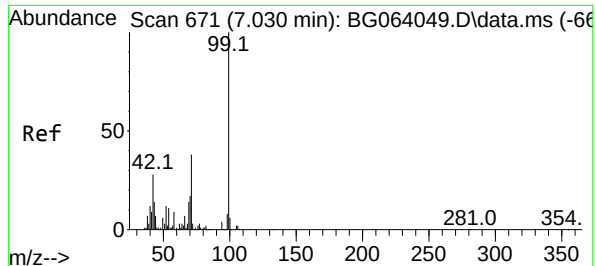
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#6  
Aniline  
Concen: 37.544 ng  
RT: 7.186 min Scan# 697  
Delta R.T. -0.009 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

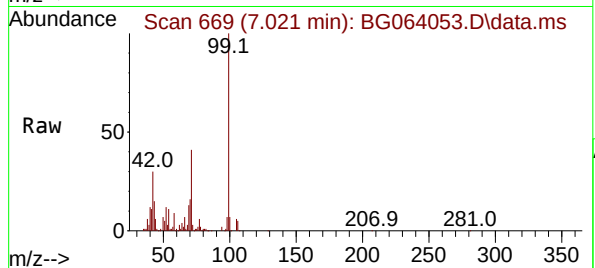
Tgt Ion: 93 Resp: 112627  
Ion Ratio Lower Upper  
93 100  
66 45.0 33.7 50.5  
65 23.8 19.1 28.7





#7  
Phenol-d6  
Concen: 75.496 ng  
RT: 7.021 min Scan# 671  
Delta R.T. -0.009 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

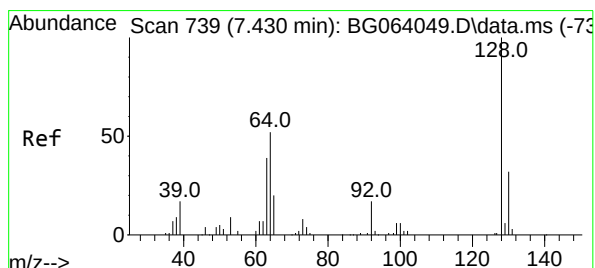
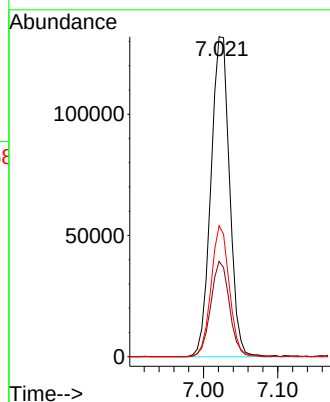
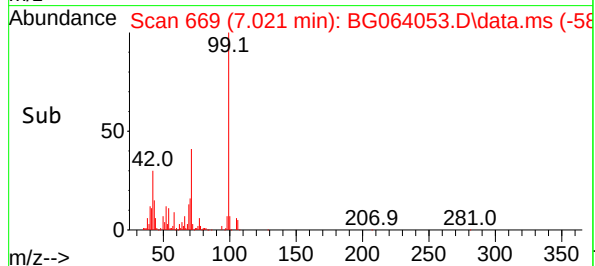
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030525



Tgt Ion: 99 Resp: 230804  
Ion Ratio Lower Upper  
99 100  
42 29.8 22.7 34.1  
71 41.0 30.6 46.0

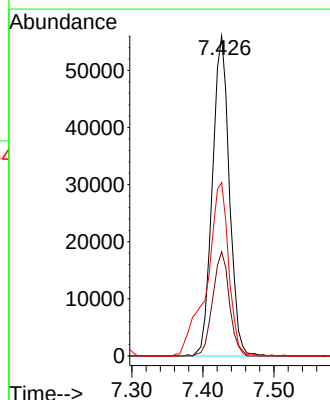
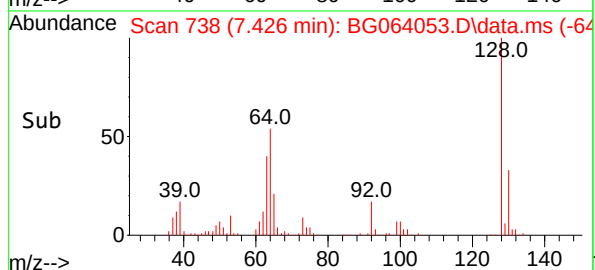
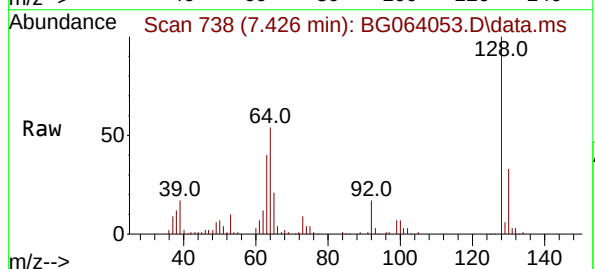
Manual Integrations  
APPROVED

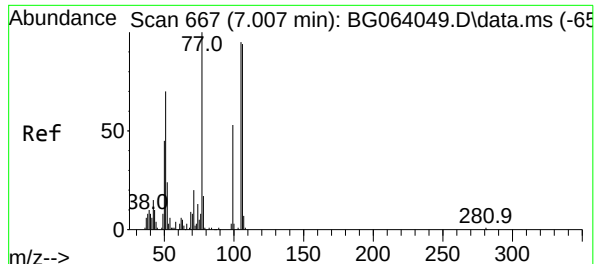
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#8  
2-Chlorophenol  
Concen: 38.417 ng  
RT: 7.426 min Scan# 738  
Delta R.T. -0.004 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

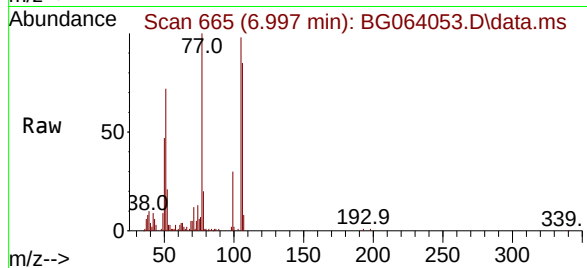
Tgt Ion:128 Resp: 92723  
Ion Ratio Lower Upper  
128 100  
130 32.6 12.3 52.3  
64 54.2 37.0 77.0





#9  
Benzaldehyde  
Concen: 38.087 ng m  
RT: 6.997 min Scan# 665  
Delta R.T. -0.010 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

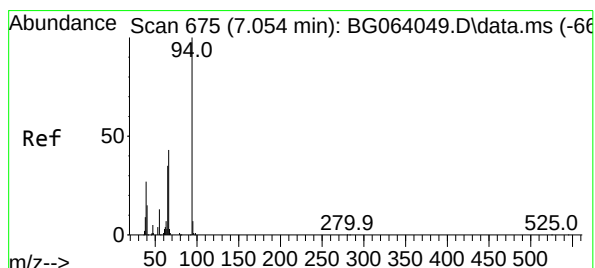
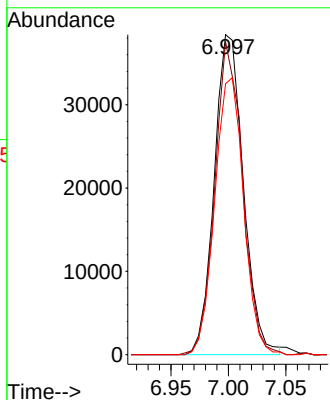
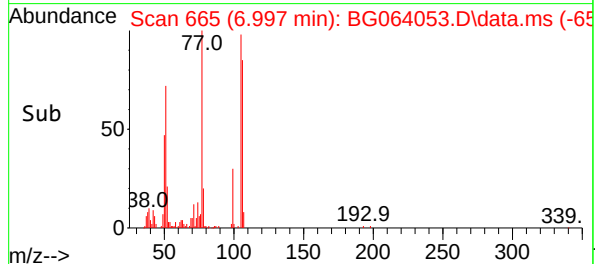
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030525



Tgt Ion: 77 Resp: 67720  
Ion Ratio Lower Upper  
77 100  
105 97.8 75.5 115.5  
106 84.6 74.2 114.2

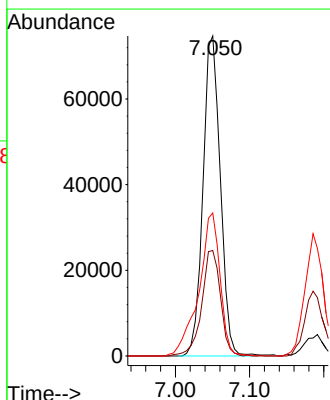
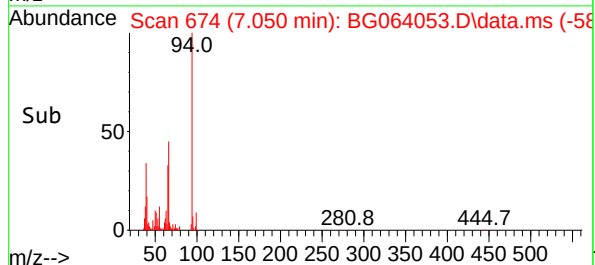
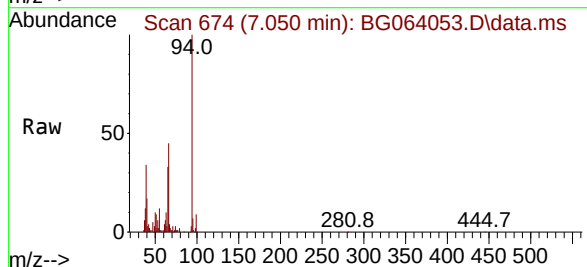
Manual Integrations  
APPROVED

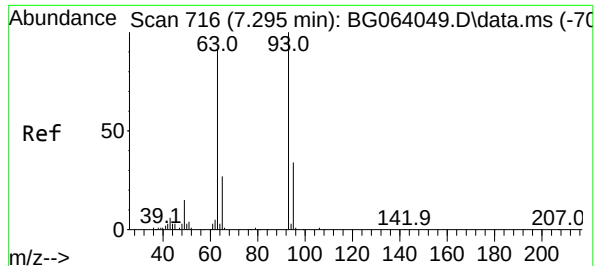
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#10  
Phenol  
Concen: 38.806 ng  
RT: 7.050 min Scan# 674  
Delta R.T. -0.004 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

Tgt Ion: 94 Resp: 121465  
Ion Ratio Lower Upper  
94 100  
65 33.0 15.2 55.2  
66 44.7 25.1 65.1





#11

bis(2-Chloroethyl)ether

Concen: 36.822 ng

RT: 7.285 min Scan# 716

Delta R.T. -0.009 min

Lab File: BG064053.D

Acq: 5 Mar 2025 15:10

Instrument :

BNA\_G

ClientSampleId :

ICVBG030525

Tgt Ion: 93 Resp: 90358

Ion Ratio Lower Upper

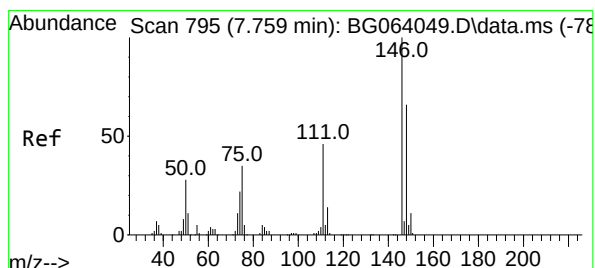
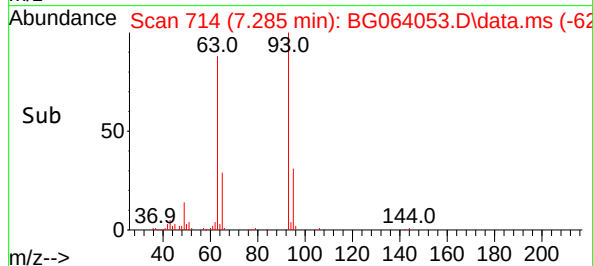
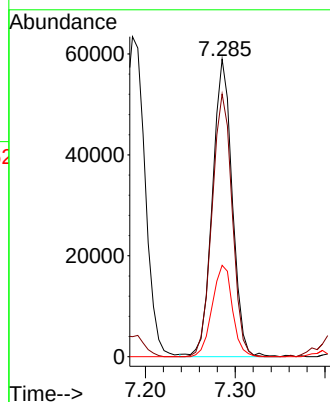
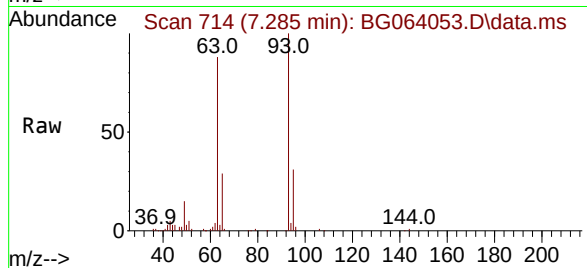
93 100

63 88.3 70.0 110.0

95 30.7 13.7 53.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

#12

1,3-Dichlorobenzene

Concen: 36.876 ng

RT: 7.750 min Scan# 793

Delta R.T. -0.009 min

Lab File: BG064053.D

Acq: 5 Mar 2025 15:10

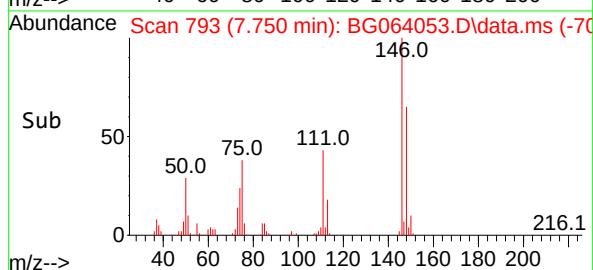
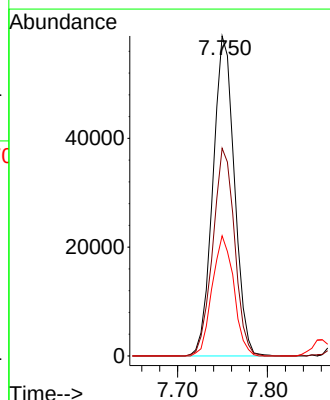
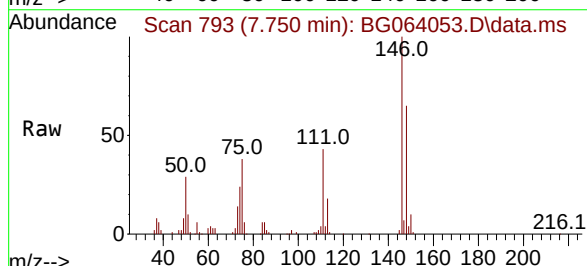
Tgt Ion:146 Resp: 97739

Ion Ratio Lower Upper

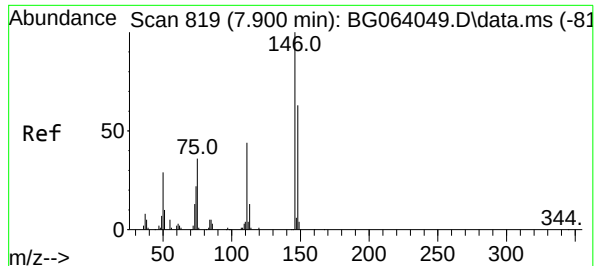
146 100

148 64.9 52.6 78.8

75 37.6 28.1 42.1







#13

1,4-Dichlorobenzene

Concen: 36.676 ng

RT: 7.896 min Scan# 81

Delta R.T. -0.004 min

Lab File: BG064053.D

Acq: 5 Mar 2025 15:10

Instrument :

BNA\_G

ClientSampleId :

ICVBG030525

Tgt Ion:146 Resp: 99638

Ion Ratio Lower Upper

146 100

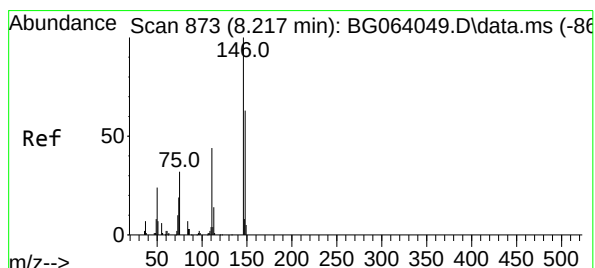
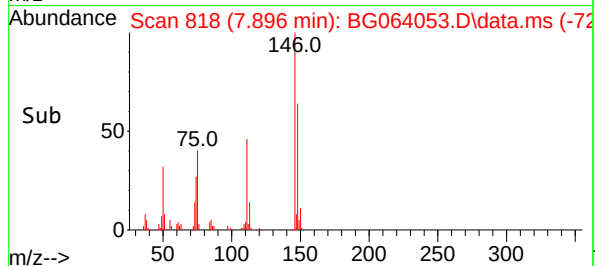
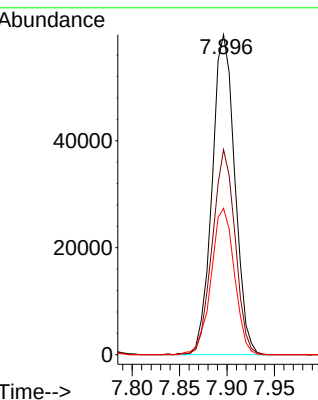
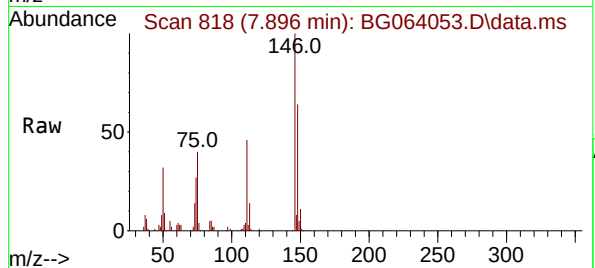
148 64.1 50.6 75.8

111 45.8 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
 Supervised By :mohammad ahmed 03/07/2025



#14

1,2-Dichlorobenzene

Concen: 36.695 ng

RT: 8.214 min Scan# 872

Delta R.T. -0.004 min

Lab File: BG064053.D

Acq: 5 Mar 2025 15:10

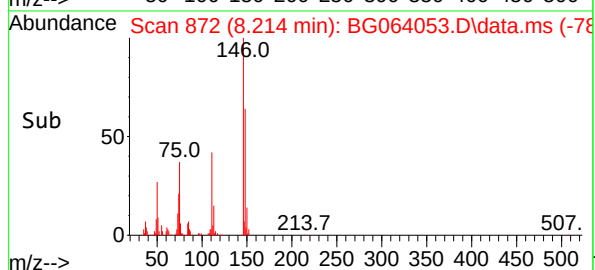
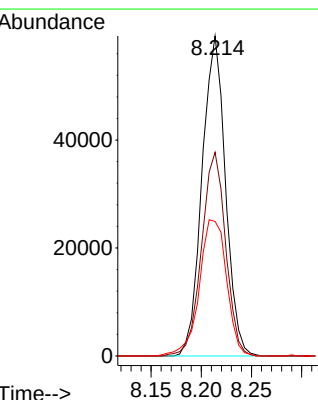
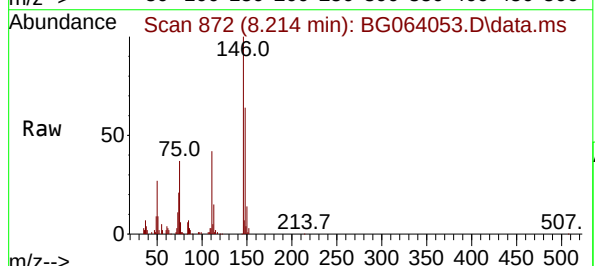
Tgt Ion:146 Resp: 96129

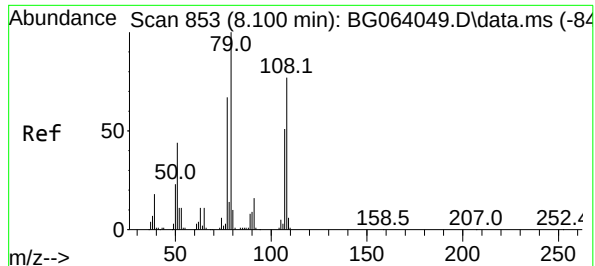
Ion Ratio Lower Upper

146 100

148 63.6 50.2 75.2

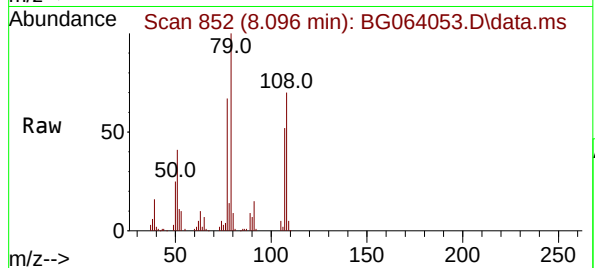
111 42.1 36.4 54.6





#15  
Benzyl Alcohol  
Concen: 38.023 ng  
RT: 8.096 min Scan# 80  
Delta R.T. -0.004 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

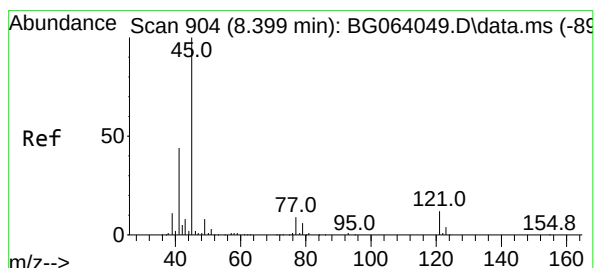
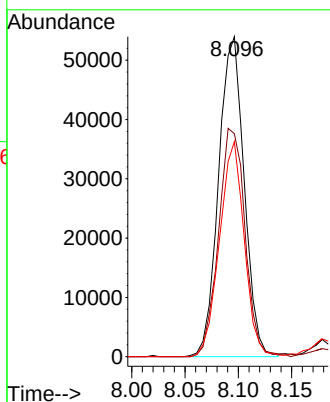
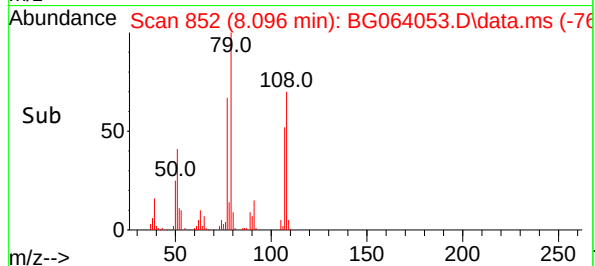
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030525



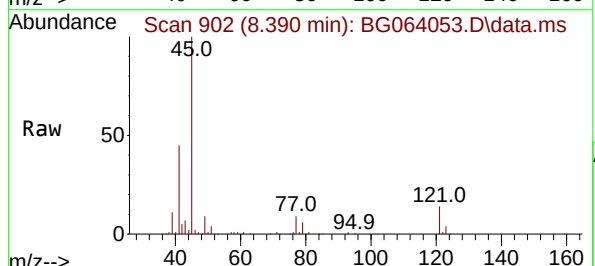
Tgt Ion: 79 Resp: 89828  
Ion Ratio Lower Upper  
79 100  
108 69.7 61.7 92.5  
77 67.2 53.9 80.9

Manual Integrations  
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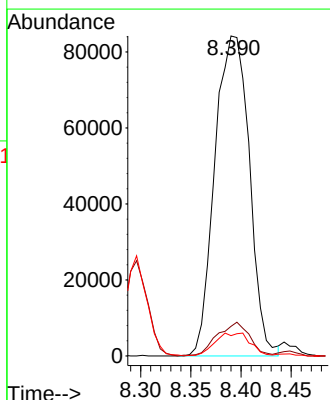
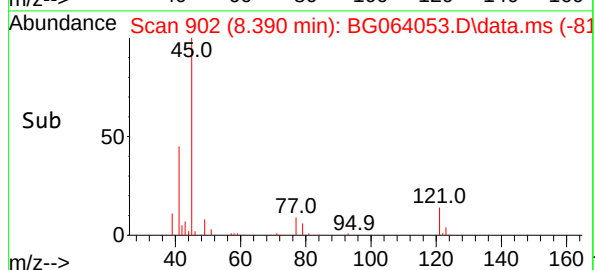
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

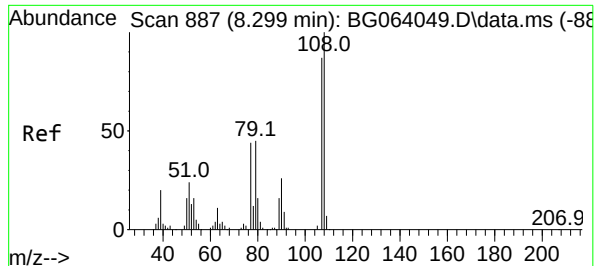


#16  
2,2'-oxybis(1-chloropropane)  
Concen: 36.540 ng  
RT: 8.390 min Scan# 902  
Delta R.T. -0.009 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10



Tgt Ion: 45 Resp: 201622  
Ion Ratio Lower Upper  
45 100  
77 9.3 0.0 29.0  
79 6.4 0.0 26.6





#17

2-Methylphenol

Concen: 37.680 ng

RT: 8.296 min Scan# 887

Delta R.T. -0.004 min

Lab File: BG064053.D

Acq: 5 Mar 2025 15:10

Instrument :

BNA\_G

ClientSampleId :

ICVBG030525

Tgt Ion:107 Resp: 78270

Ion Ratio Lower Upper

107 100

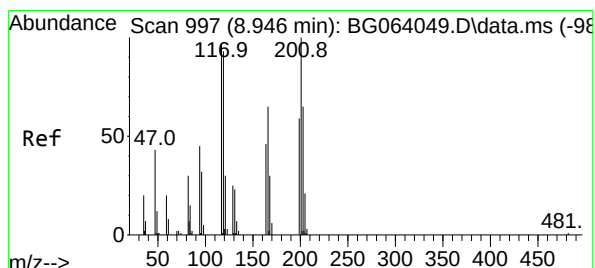
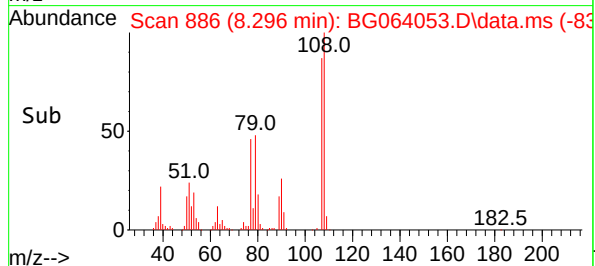
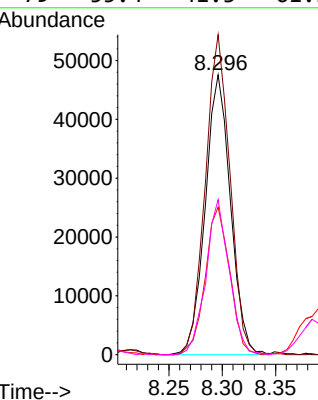
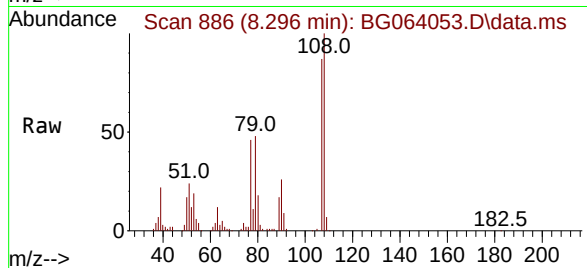
108 114.3 92.5 138.7

77 52.7 40.5 60.7

79 55.4 41.3 61.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

#18

Hexachloroethane

Concen: 39.404 ng

RT: 8.942 min Scan# 996

Delta R.T. -0.004 min

Lab File: BG064053.D

Acq: 5 Mar 2025 15:10

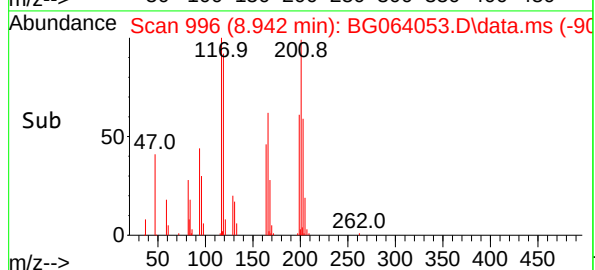
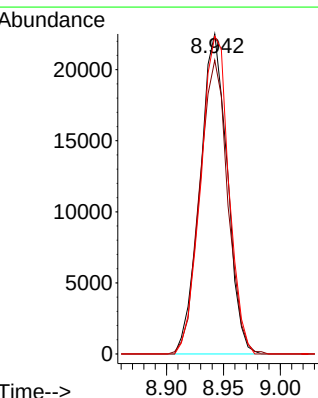
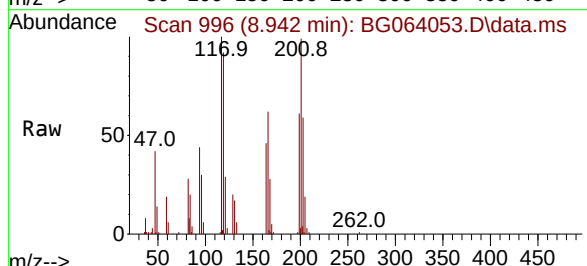
Tgt Ion:117 Resp: 37454

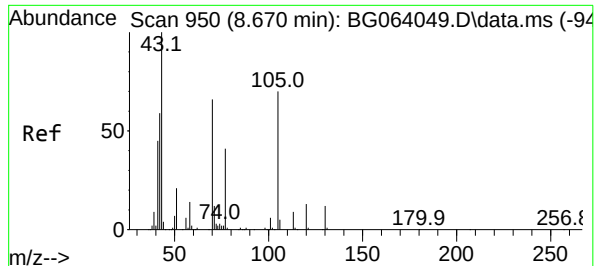
Ion Ratio Lower Upper

117 100

119 91.8 76.2 114.2

201 99.3 81.5 122.3





#19

n-Nitroso-di-n-propylamine

Concen: 35.648 ng

RT: 8.666 min Scan# 94

Delta R.T. -0.004 min

Lab File: BG064053.D

Acq: 5 Mar 2025 15:10

Instrument :

BNA\_G

ClientSampleId :

ICVBG030525

Tgt Ion: 70 Resp: 76484

Ion Ratio Lower Upper

70 100

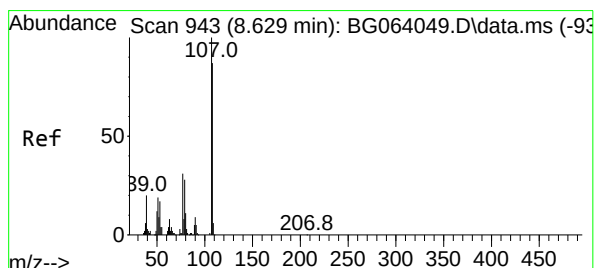
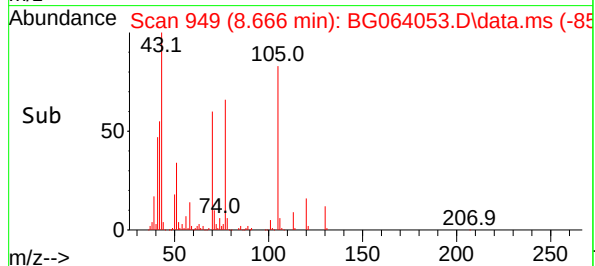
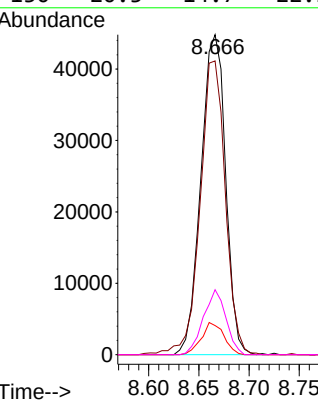
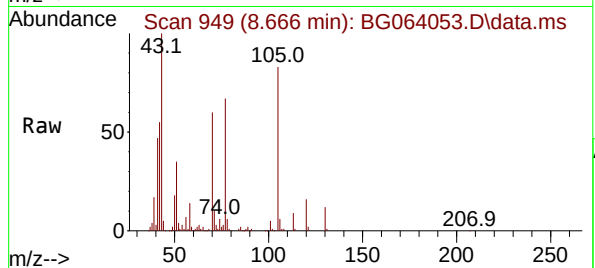
42 91.8 72.1 108.1

101 9.1 7.2 10.8

130 20.3 14.7 22.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

#20

3+4-Methylphenols

Concen: 37.166 ng

RT: 8.619 min Scan# 941

Delta R.T. -0.009 min

Lab File: BG064053.D

Acq: 5 Mar 2025 15:10

Tgt Ion:107 Resp: 106291

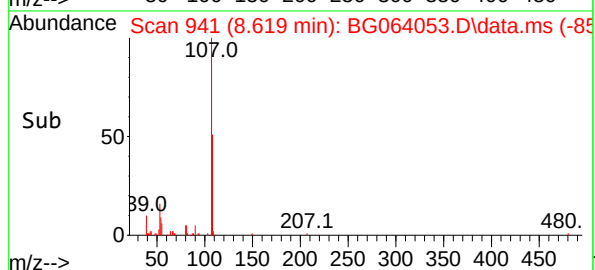
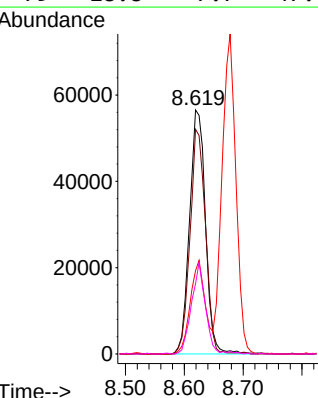
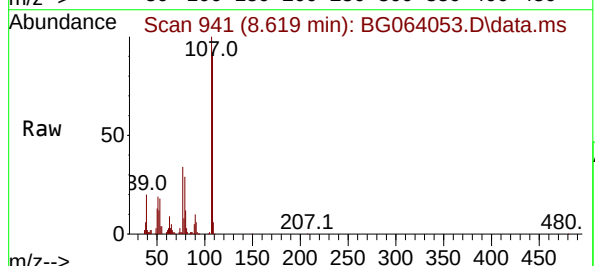
Ion Ratio Lower Upper

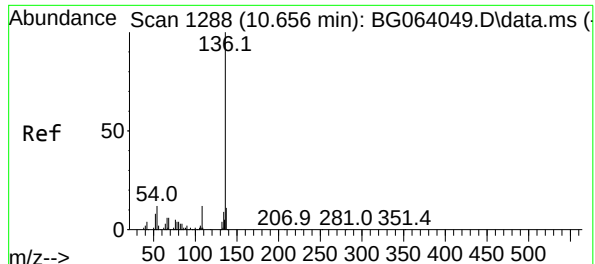
107 100

108 92.1 67.0 107.0

77 34.2 11.2 51.2

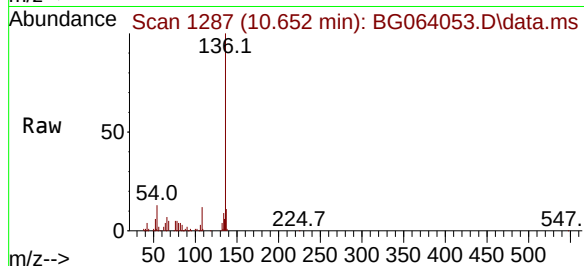
79 28.8 7.7 47.7





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.652 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

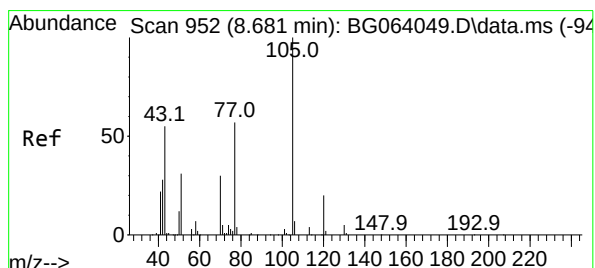
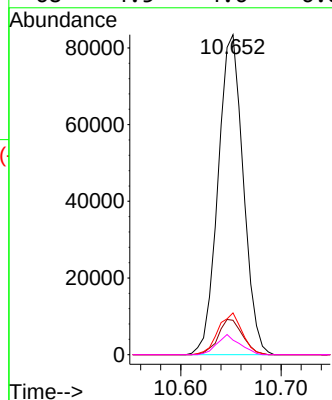
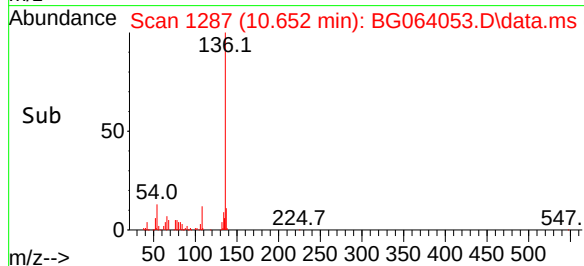
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030525



Tgt Ion:136 Resp: 145084  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.5 12.7  
54 13.0 9.9 14.9  
68 4.5 4.6 6.8#

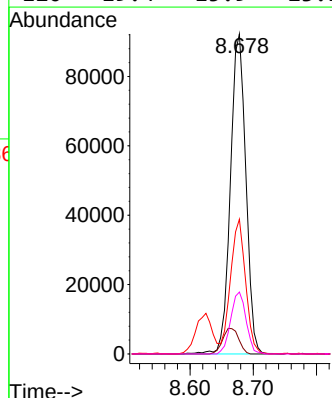
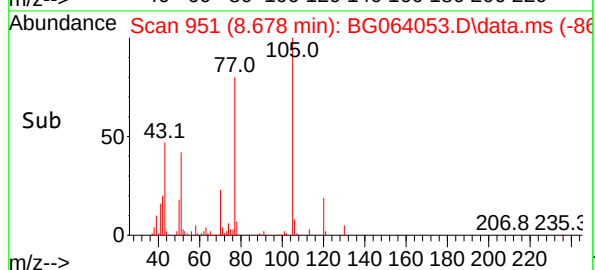
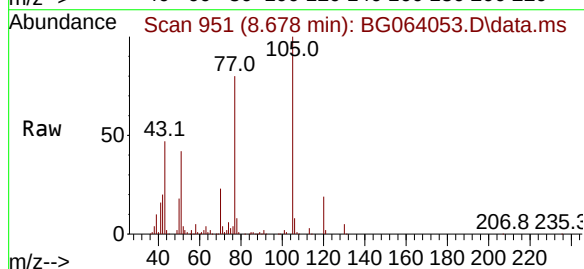
Manual Integrations  
APPROVED

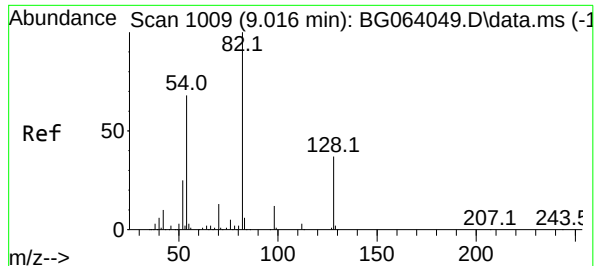
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#22  
Acetophenone  
Concen: 39.285 ng  
RT: 8.678 min Scan# 951  
Delta R.T. -0.004 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

Tgt Ion:105 Resp: 156271  
Ion Ratio Lower Upper  
105 100  
71 4.2 4.2 6.4#  
51 42.1 33.3 49.9  
120 19.4 15.9 23.9





#23

Nitrobenzene-d5

Concen: 84.279 ng

RT: 9.013 min Scan# 1008

Delta R.T. -0.004 min

Lab File: BG064053.D

Acq: 5 Mar 2025 15:10

Instrument :

BNA\_G

ClientSampleId :

ICVBG030525

Tgt Ion: 82 Resp: 22126

Ion Ratio Lower Upper

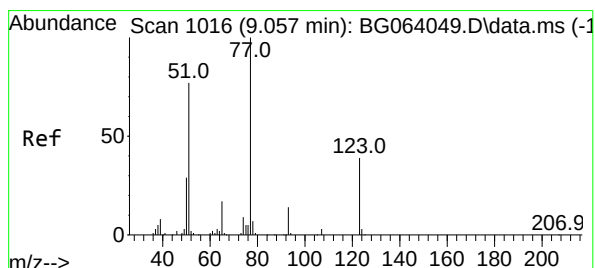
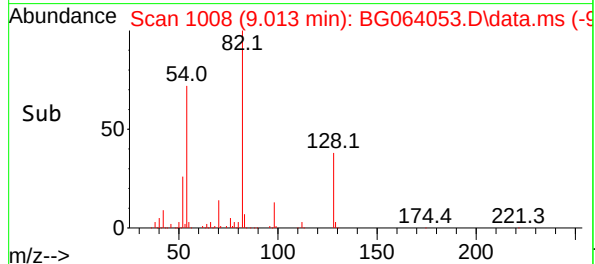
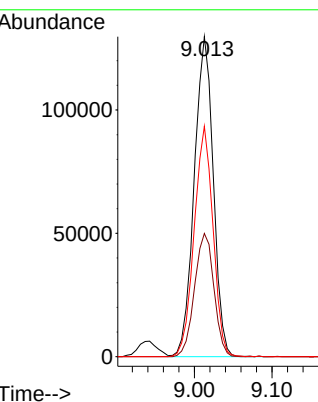
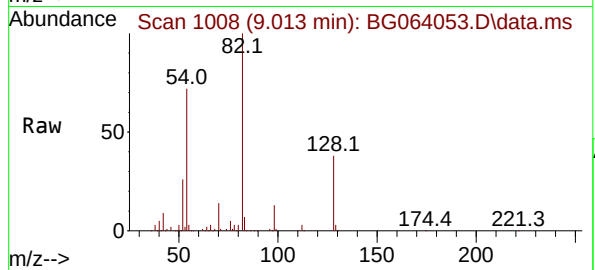
82 100

128 38.5 30.0 45.0

54 72.0 54.7 82.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

#24

Nitrobenzene

Concen: 42.208 ng

RT: 9.054 min Scan# 1015

Delta R.T. -0.004 min

Lab File: BG064053.D

Acq: 5 Mar 2025 15:10

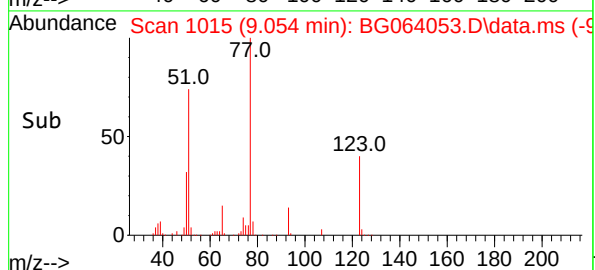
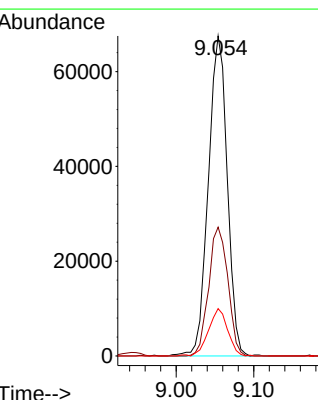
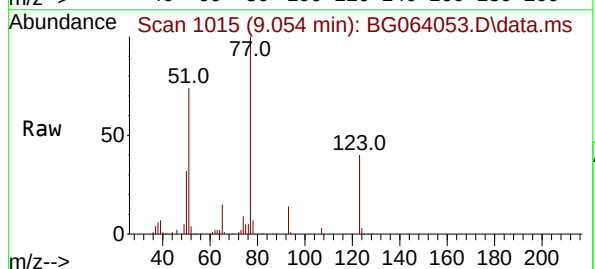
Tgt Ion: 77 Resp: 114521

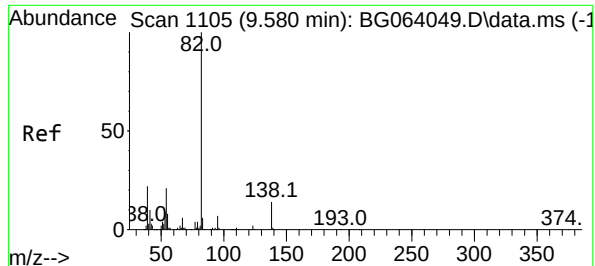
Ion Ratio Lower Upper

77 100

123 40.3 31.4 47.2

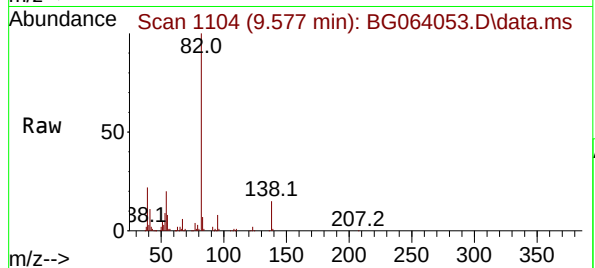
65 14.8 13.4 20.0





#25  
Isophorone  
Concen: 37.823 ng  
RT: 9.577 min Scan# 1105  
Delta R.T. -0.004 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

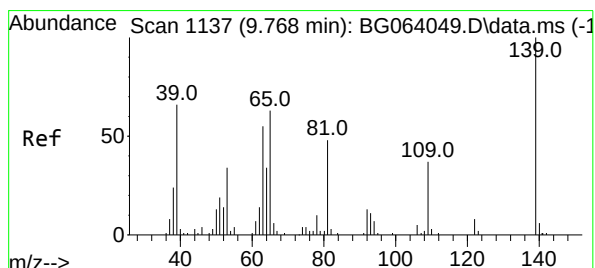
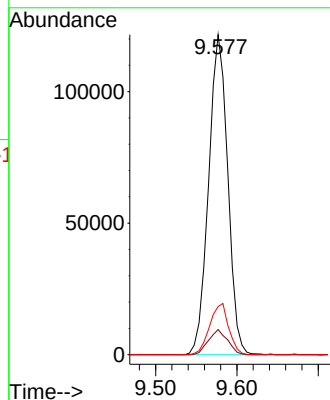
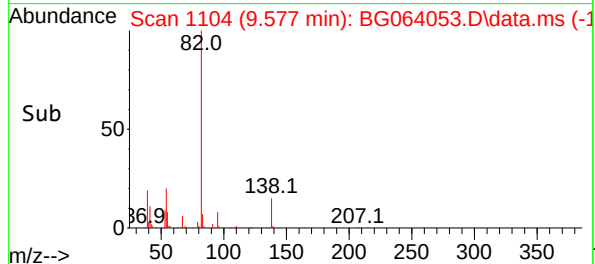
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030525



Tgt Ion: 82 Resp: 198754  
Ion Ratio Lower Upper  
82 100  
95 7.9 5.8 8.8  
138 15.1 10.9 16.3

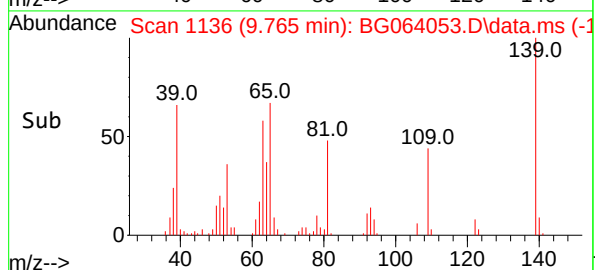
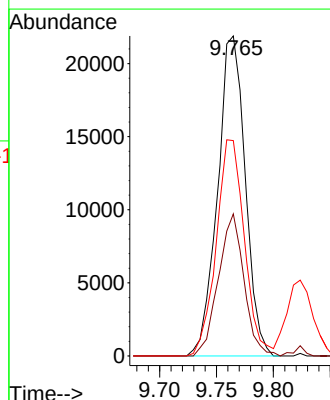
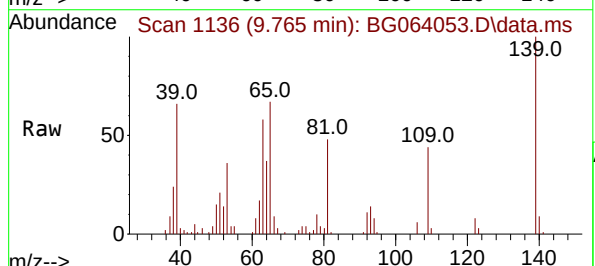
Manual Integrations  
APPROVED

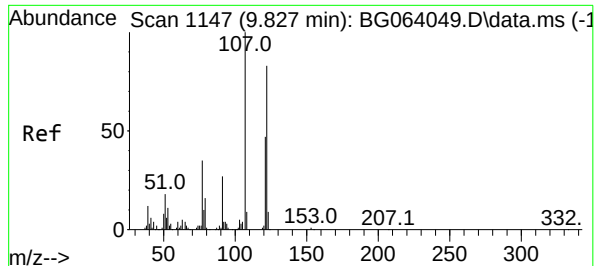
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#26  
2-Nitrophenol  
Concen: 40.946 ng  
RT: 9.765 min Scan# 1136  
Delta R.T. -0.003 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

Tgt Ion:139 Resp: 36978  
Ion Ratio Lower Upper  
139 100  
109 44.4 29.9 44.9  
65 67.3 50.6 76.0





#27

2,4-Dimethylphenol

Concen: 40.139 ng

RT: 9.824 min Scan# 1146

Delta R.T. -0.004 min

Lab File: BG064053.D

Acq: 5 Mar 2025 15:10

Instrument :

BNA\_G

ClientSampleId :

ICVBG030525

Tgt Ion:122 Resp: 6323

Ion Ratio Lower Upper

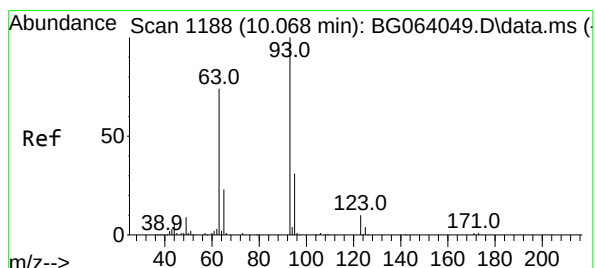
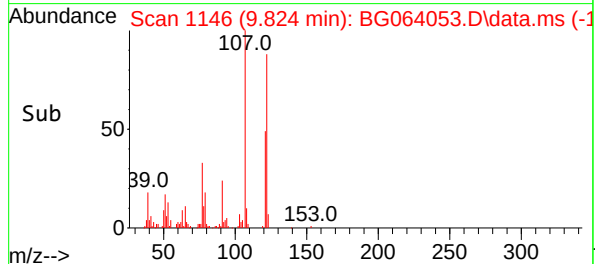
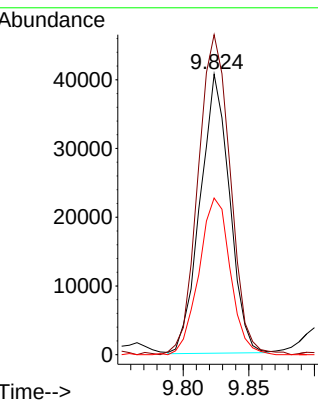
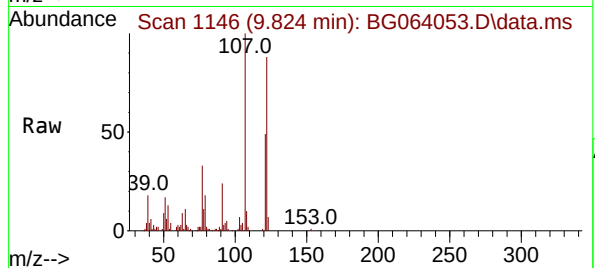
122 100

107 114.1 95.4 143.0

121 55.8 44.9 67.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

#28

bis(2-Chloroethoxy)methane

Concen: 38.620 ng

RT: 10.064 min Scan# 1187

Delta R.T. -0.004 min

Lab File: BG064053.D

Acq: 5 Mar 2025 15:10

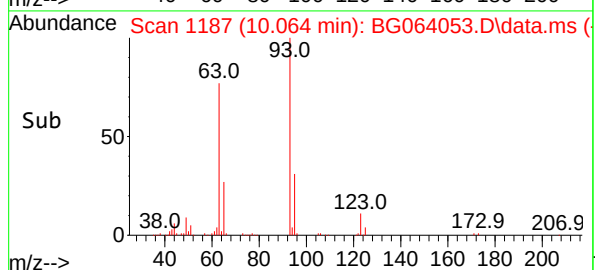
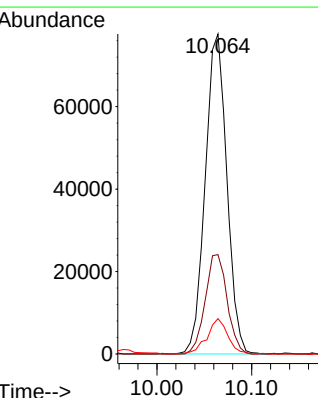
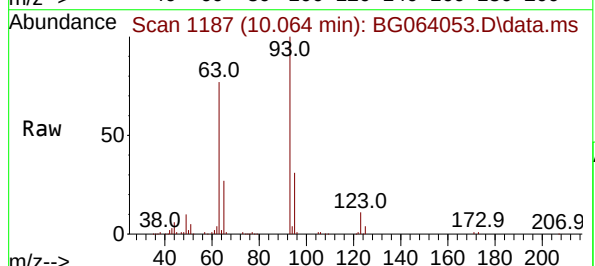
Tgt Ion: 93 Resp: 123038

Ion Ratio Lower Upper

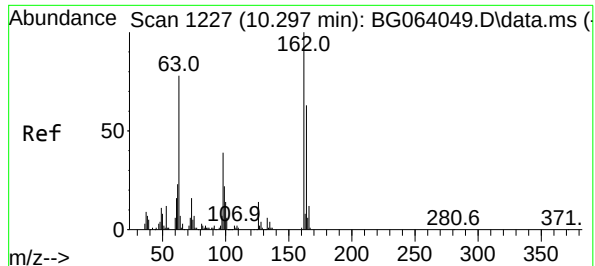
93 100

95 31.1 25.0 37.4

123 11.1 7.6 11.4







#29

2,4-Dichlorophenol

Concen: 41.154 ng

RT: 10.294 min Scan# 1226

Delta R.T. -0.004 min

Lab File: BG064053.D

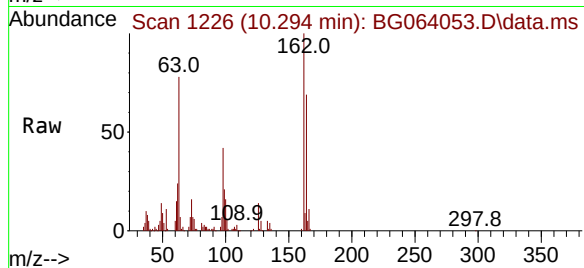
Acq: 5 Mar 2025 15:10

Instrument :

BNA\_G

ClientSampleId :

ICVBG030525



Tgt Ion:162 Resp: 8186

Ion Ratio Lower Upper

162 100

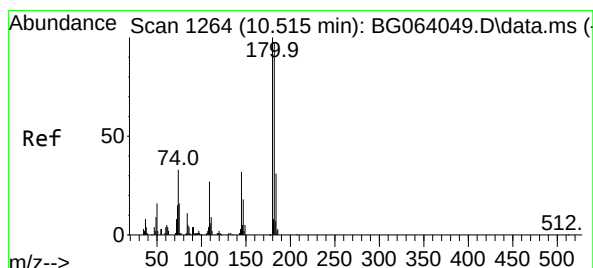
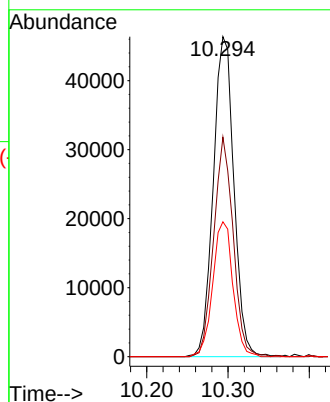
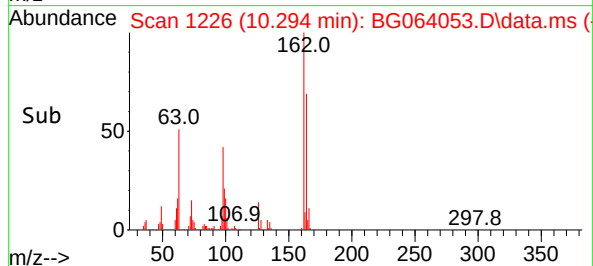
164 68.6 42.8 82.8

98 42.1 19.1 59.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
 Supervised By :mohammad ahmed 03/07/2025



#30

1,2,4-Trichlorobenzene

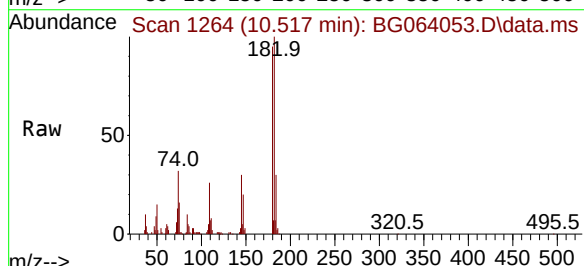
Concen: 38.802 ng

RT: 10.517 min Scan# 1264

Delta R.T. 0.002 min

Lab File: BG064053.D

Acq: 5 Mar 2025 15:10



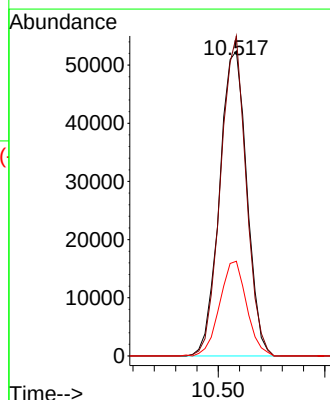
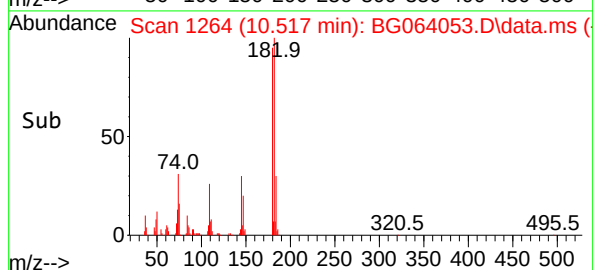
Tgt Ion:180 Resp: 93175

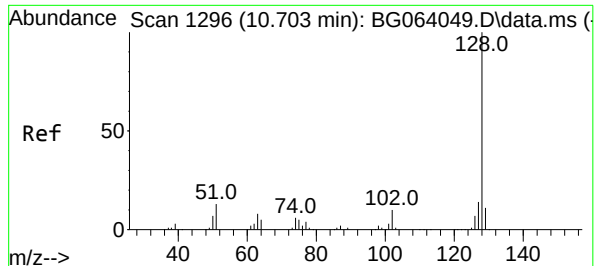
Ion Ratio Lower Upper

180 100

182 104.9 77.3 115.9

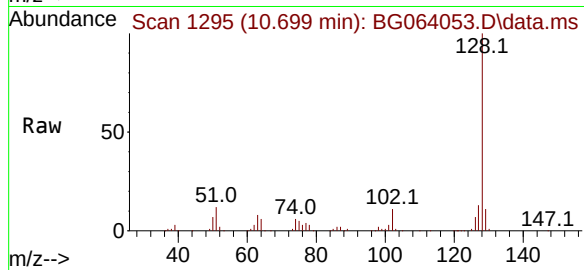
145 31.1 25.2 37.8





#31  
Naphthalene  
Concen: 39.402 ng  
RT: 10.699 min Scan# 1167  
Delta R.T. -0.004 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

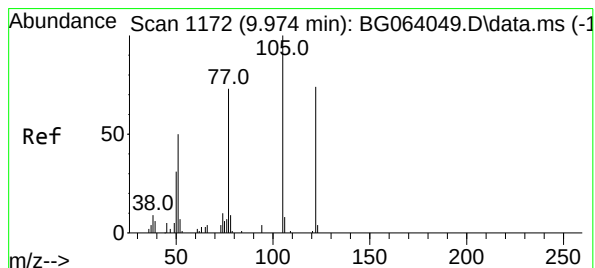
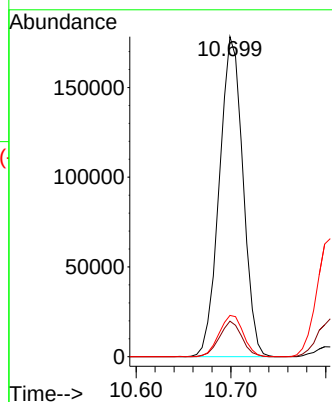
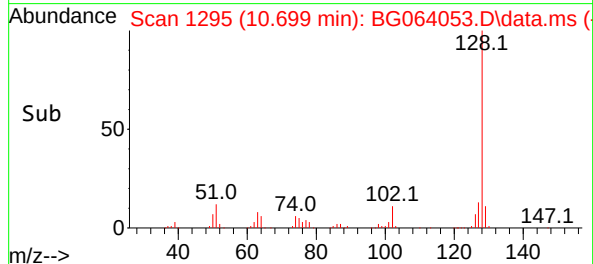
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030525



Tgt Ion:128 Resp: 30825  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.4 12.6  
127 12.9 11.1 16.7

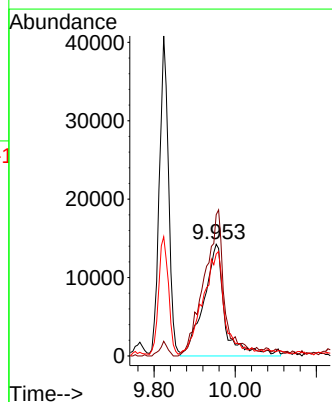
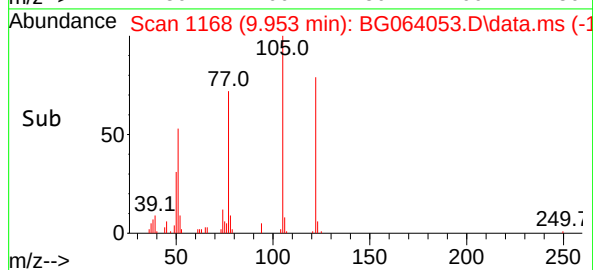
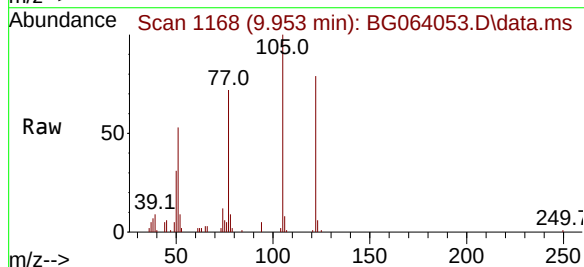
Manual Integrations  
APPROVED

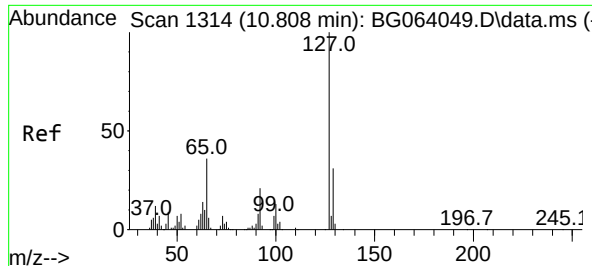
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#32  
Benzoic acid  
Concen: 37.906 ng m  
RT: 9.953 min Scan# 1168  
Delta R.T. -0.021 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

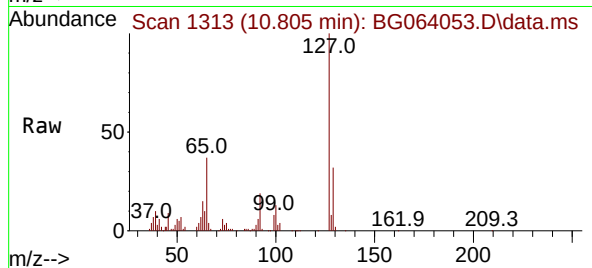
Tgt Ion:122 Resp: 51607  
Ion Ratio Lower Upper  
122 100  
105 126.5 115.0 155.0  
77 91.3 80.9 120.9





#33  
4-Chloroaniline  
Concen: 39.949 ng  
RT: 10.805 min Scan# 114228  
Delta R.T. -0.004 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

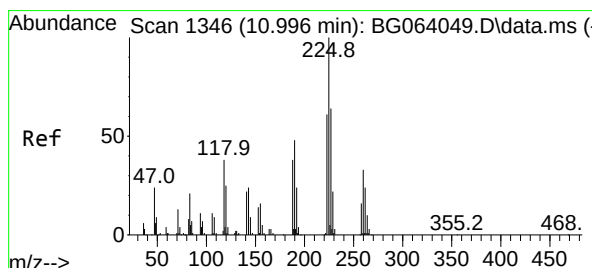
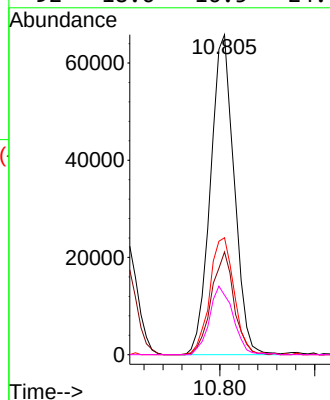
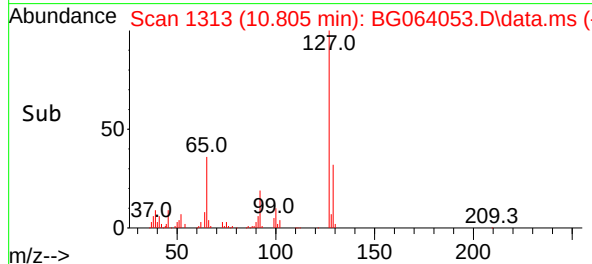
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030525



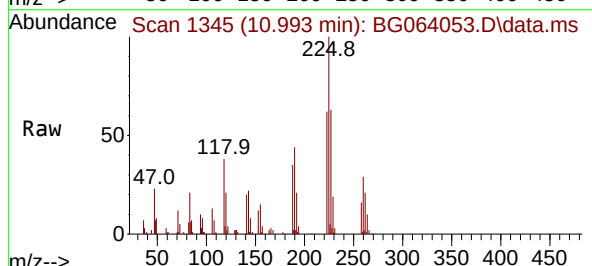
Tgt Ion:127 Resp: 114228  
Ion Ratio Lower Upper  
127 100  
129 32.1 25.0 37.4  
65 36.5 28.5 42.7  
92 18.6 16.5 24.7

Manual Integrations  
APPROVED

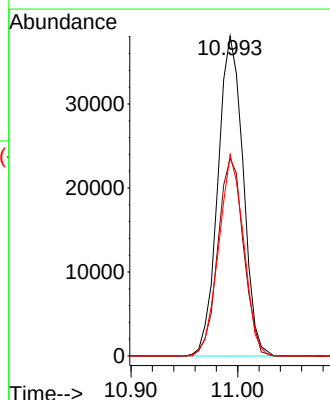
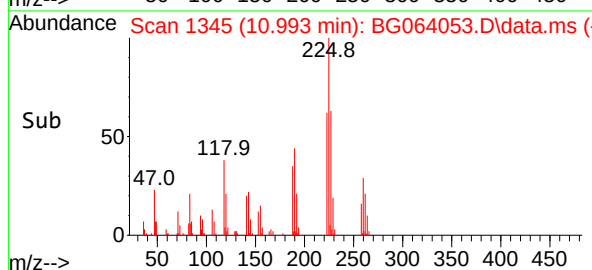
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

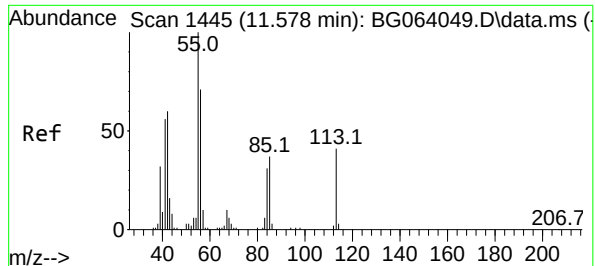


#34  
Hexachlorobutadiene  
Concen: 39.720 ng  
RT: 10.993 min Scan# 1345  
Delta R.T. -0.004 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10



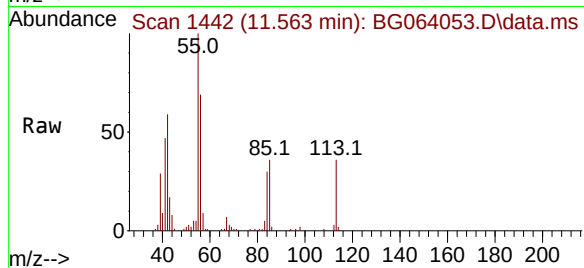
Tgt Ion:225 Resp: 62517  
Ion Ratio Lower Upper  
225 100  
223 61.7 48.5 72.7  
227 63.0 51.0 76.6





#35  
Caprolactam  
Concen: 42.084 ng  
RT: 11.563 min Scan# 1445  
Delta R.T. -0.015 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

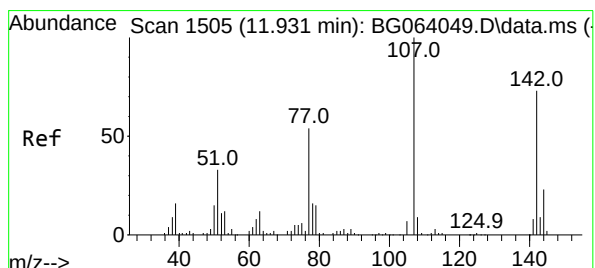
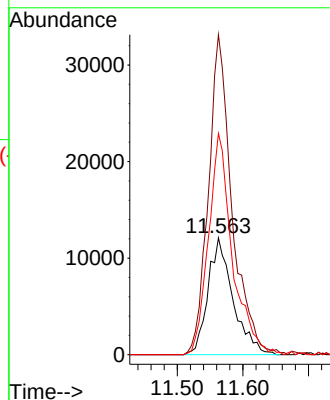
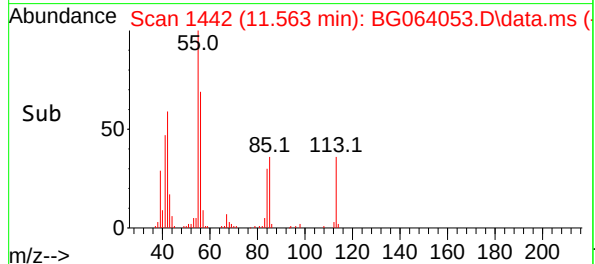
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030525



Tgt Ion:113 Resp: 32080  
Ion Ratio Lower Upper  
113 100  
55 274.0 225.2 265.2  
56 189.5 153.4 193.4

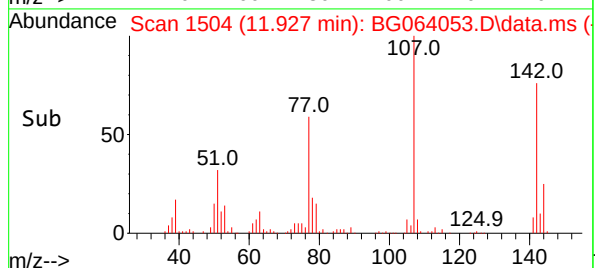
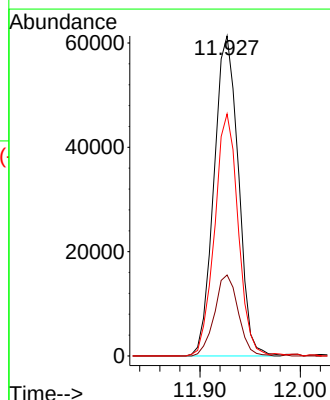
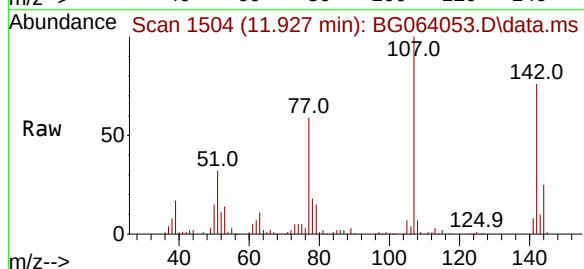
Manual Integrations  
APPROVED

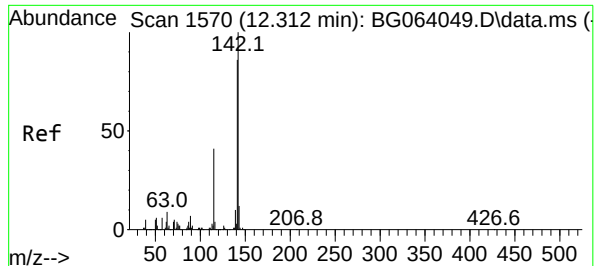
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#36  
4-Chloro-3-methylphenol  
Concen: 39.649 ng  
RT: 11.927 min Scan# 1504  
Delta R.T. -0.004 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

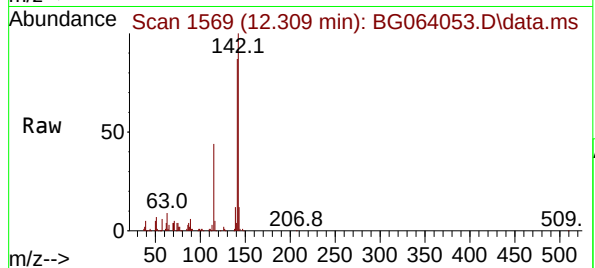
Tgt Ion:107 Resp: 103382  
Ion Ratio Lower Upper  
107 100  
144 25.3 18.6 28.0  
142 75.7 58.0 87.0





#37  
2-Methylnaphthalene  
Concen: 38.463 ng  
RT: 12.309 min Scan# 1569  
Delta R.T. -0.004 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

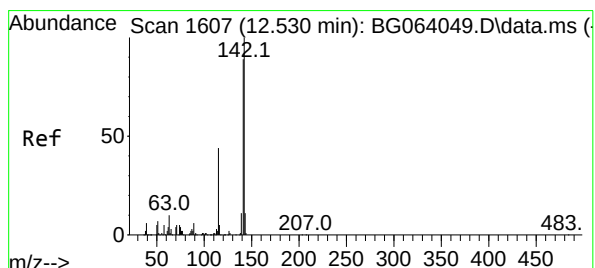
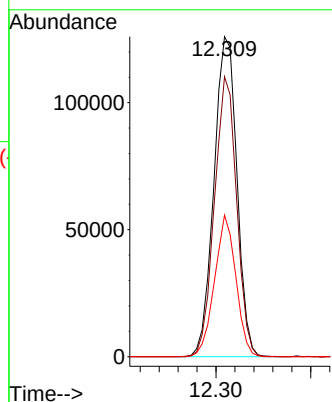
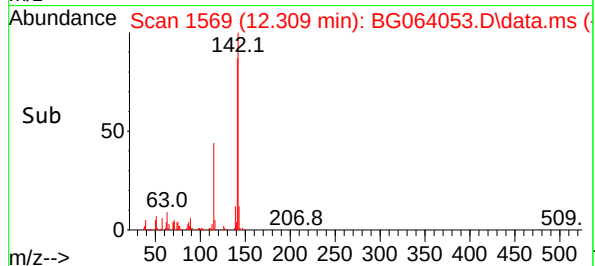
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030525



Tgt Ion:142 Resp: 21243  
Ion Ratio Lower Upper  
142 100  
141 87.5 68.6 103.0  
115 44.2 32.8 49.2

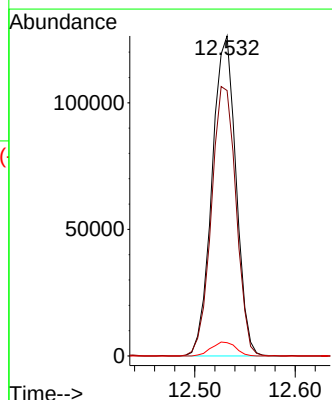
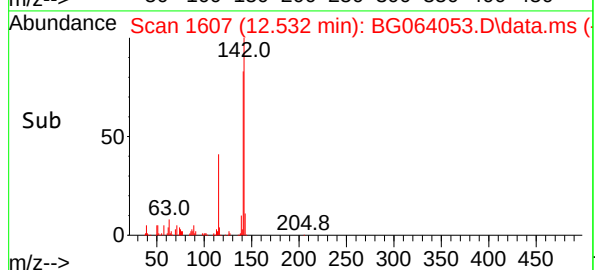
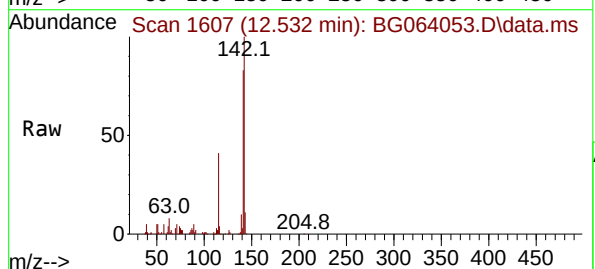
Manual Integrations  
APPROVED

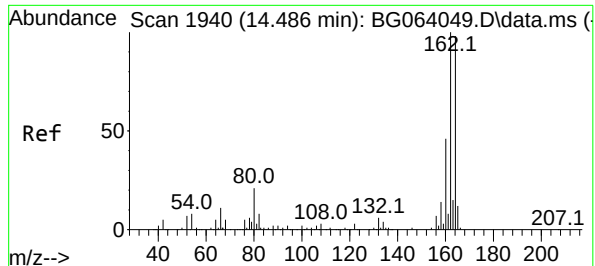
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#38  
1-Methylnaphthalene  
Concen: 38.724 ng  
RT: 12.532 min Scan# 1607  
Delta R.T. 0.002 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

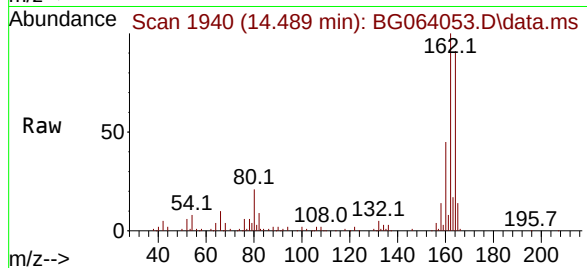
Tgt Ion:142 Resp: 209530  
Ion Ratio Lower Upper  
142 100  
141 83.0 71.2 106.8  
116 4.1 3.6 5.4





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.489 min Scan# 1940  
Delta R.T. 0.003 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

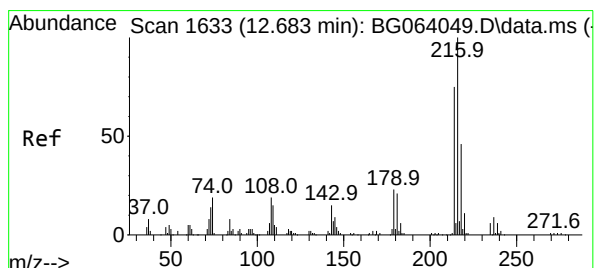
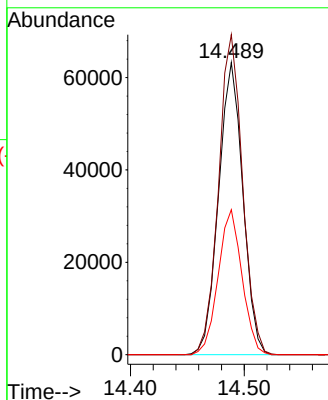
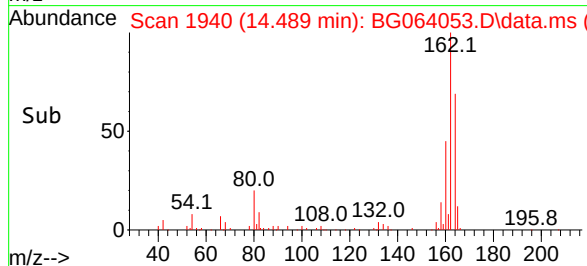
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030525



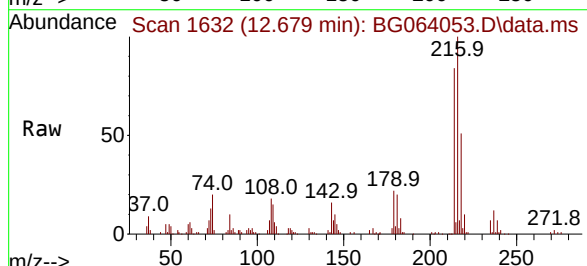
Tgt Ion:164 Resp: 93720  
Ion Ratio Lower Upper  
164 100  
162 109.5 81.4 122.0  
160 49.6 37.0 55.6

Manual Integrations  
APPROVED

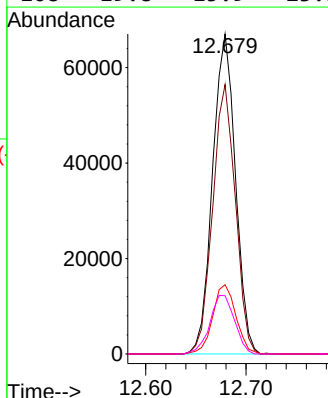
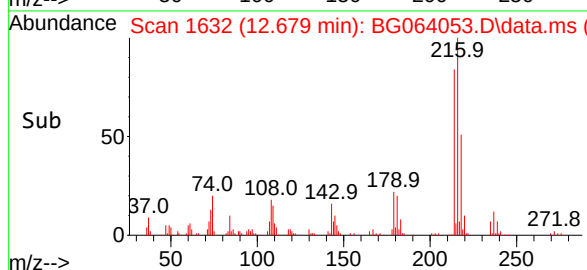
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

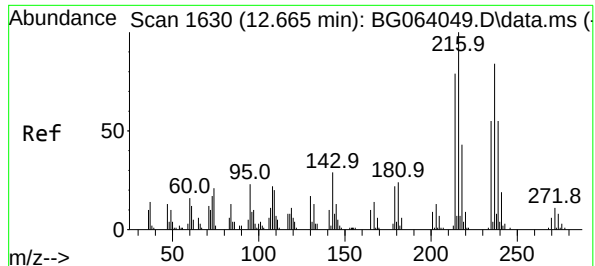


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.630 ng  
RT: 12.679 min Scan# 1632  
Delta R.T. -0.004 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10



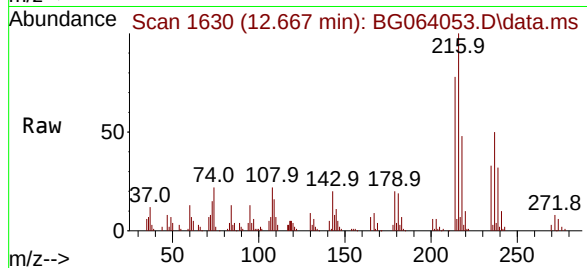
Tgt Ion:216 Resp: 106041  
Ion Ratio Lower Upper  
216 100  
214 83.5 61.7 92.5  
179 22.0 17.9 26.9  
108 19.8 15.9 23.9





#41  
Hexachlorocyclopentadiene  
Concen: 43.873 ng  
RT: 12.667 min Scan# 1630  
Delta R.T. 0.002 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

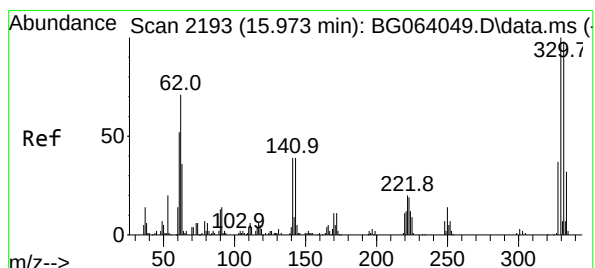
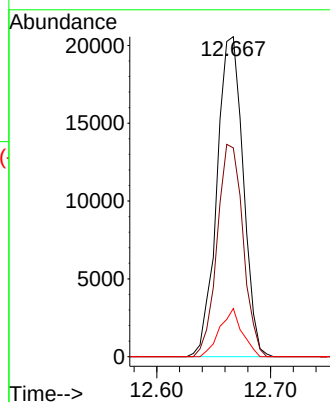
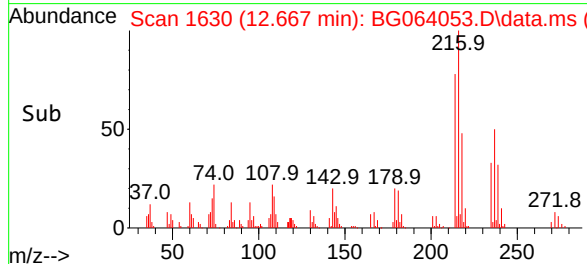
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030525



Tgt Ion:237 Resp: 3304  
Ion Ratio Lower Upper  
237 100  
235 65.3 46.0 86.0  
272 15.0 0.0 32.8

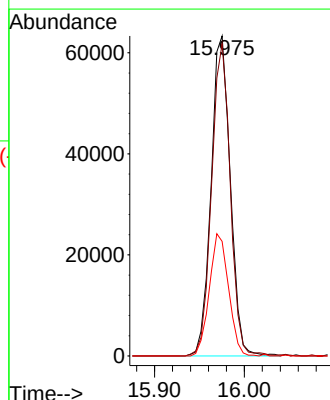
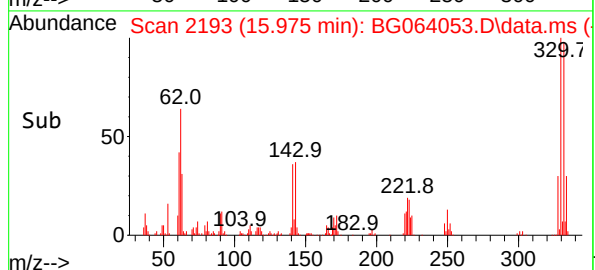
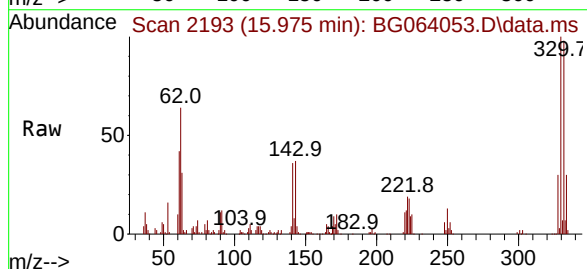
Manual Integrations  
APPROVED

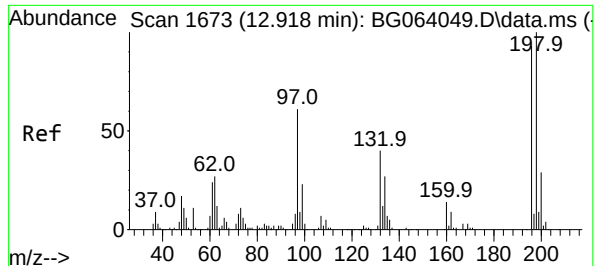
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#42  
2,4,6-Tribromophenol  
Concen: 90.311 ng  
RT: 15.975 min Scan# 2193  
Delta R.T. 0.002 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

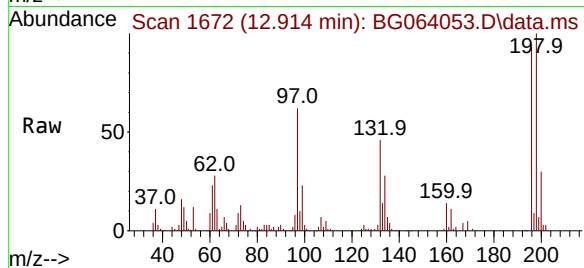
Tgt Ion:330 Resp: 94089  
Ion Ratio Lower Upper  
330 100  
332 94.7 76.7 115.1  
141 38.2 29.7 44.5





#43  
2,4,6-Trichlorophenol  
Concen: 42.165 ng  
RT: 12.914 min Scan# 1673  
Delta R.T. -0.004 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

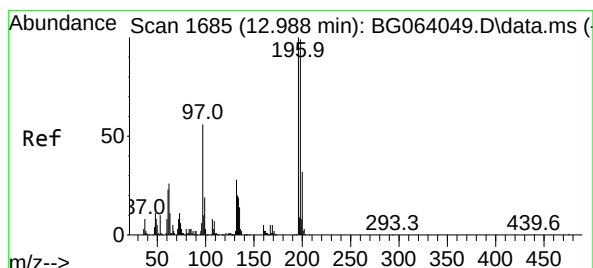
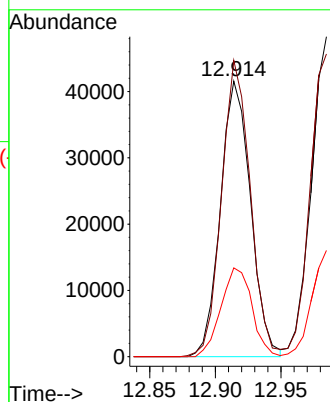
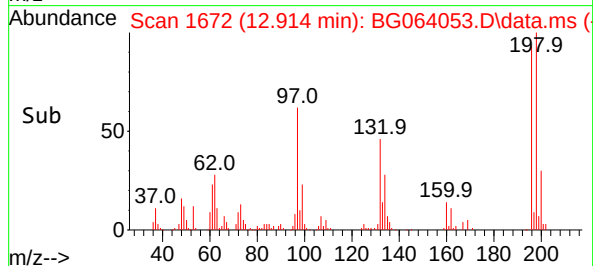
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030525



Tgt Ion:196 Resp: 66490  
Ion Ratio Lower Upper  
196 100  
198 107.5 85.6 128.4  
200 32.2 24.6 37.0

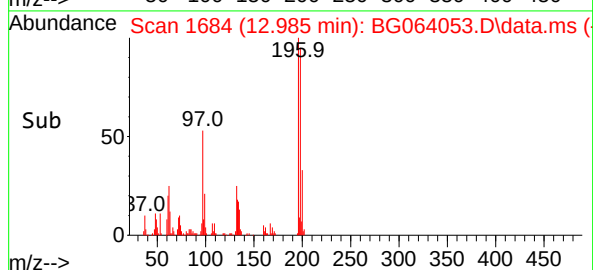
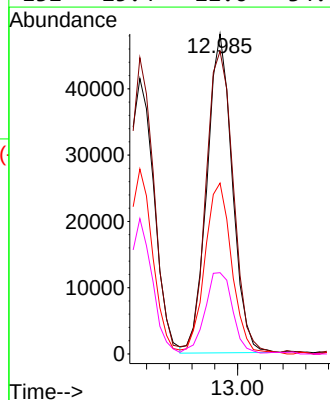
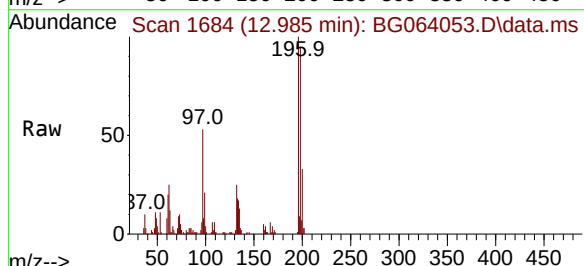
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

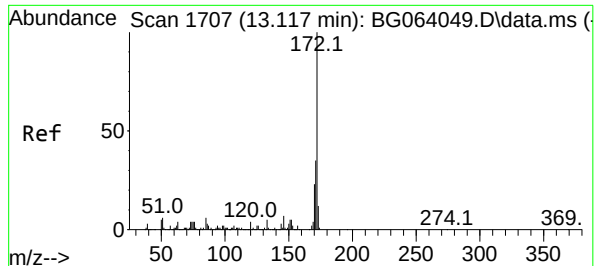


#44  
2,4,5-Trichlorophenol  
Concen: 42.561 ng  
RT: 12.985 min Scan# 1684  
Delta R.T. -0.004 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

Tgt Ion:196 Resp: 74580  
Ion Ratio Lower Upper  
196 100  
198 94.6 79.5 119.3  
97 53.4 45.2 67.8  
132 25.4 22.6 34.0

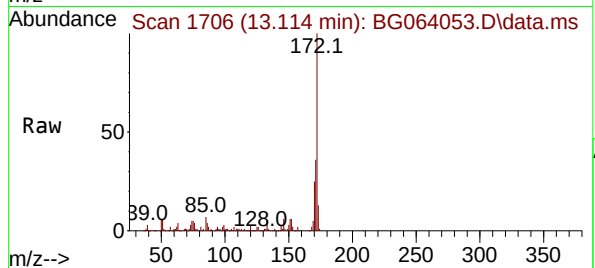






#45  
2-Fluorobiphenyl  
Concen: 80.186 ng  
RT: 13.114 min Scan# 1706  
Delta R.T. -0.004 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

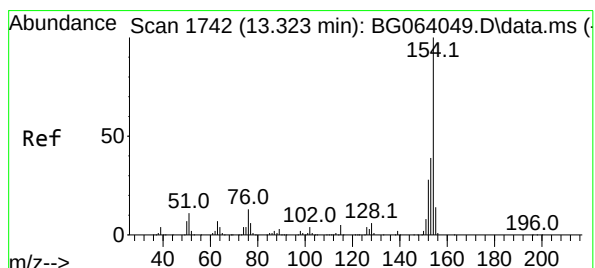
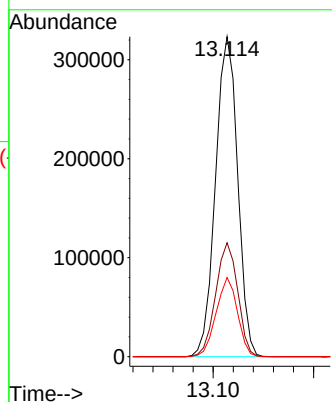
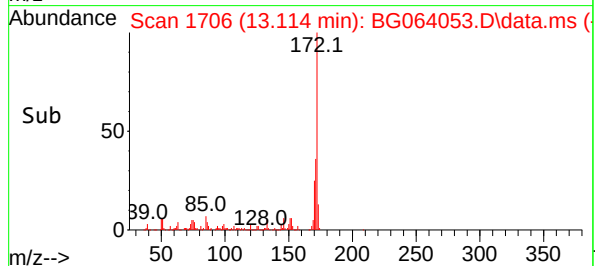
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030525



Tgt Ion:172 Resp: 495129  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.0 42.0  
170 24.7 18.7 28.1

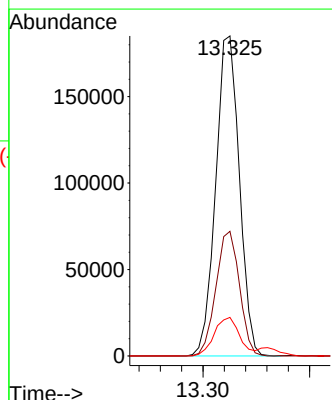
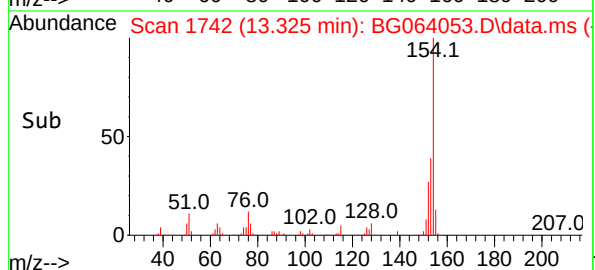
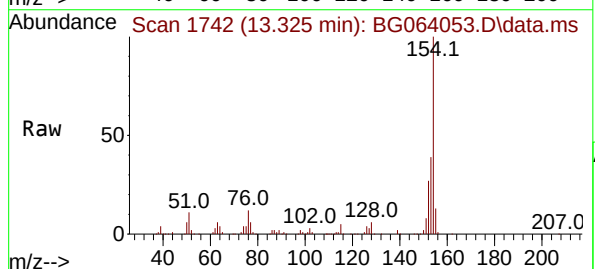
Manual Integrations  
APPROVED

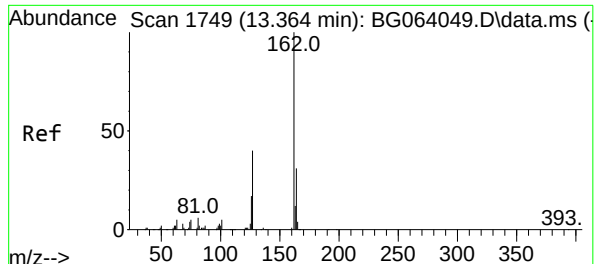
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#46  
1,1'-Biphenyl  
Concen: 40.196 ng  
RT: 13.325 min Scan# 1742  
Delta R.T. 0.002 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

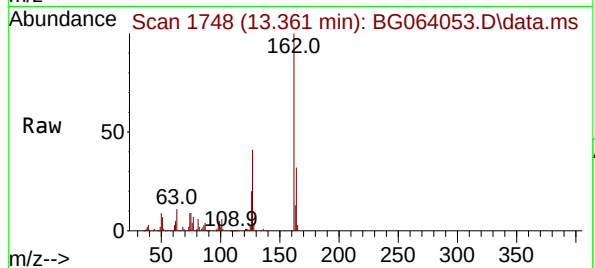
Tgt Ion:154 Resp: 284632  
Ion Ratio Lower Upper  
154 100  
153 38.9 19.5 59.5  
76 12.0 0.0 33.5





#47  
2-Chloronaphthalene  
Concen: 40.309 ng  
RT: 13.361 min Scan# 1748  
Delta R.T. -0.004 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

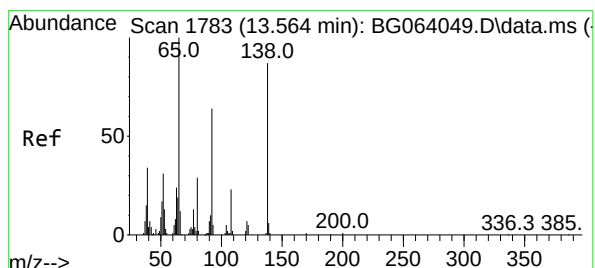
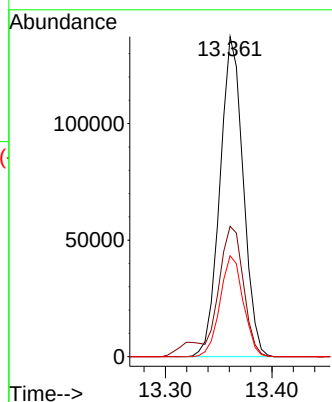
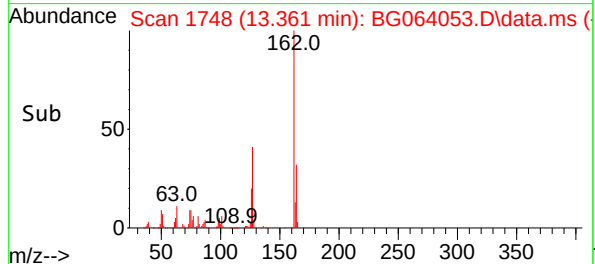
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030525



Tgt Ion:162 Resp: 208172  
Ion Ratio Lower Upper  
162 100  
127 40.8 35.0 52.4  
164 31.6 25.0 37.6

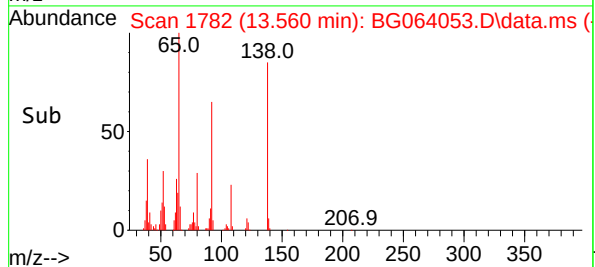
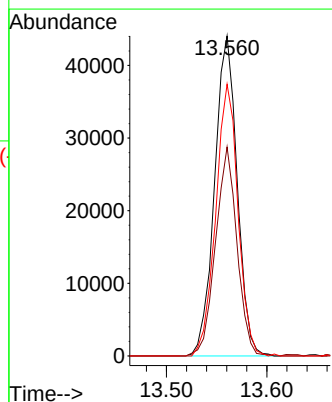
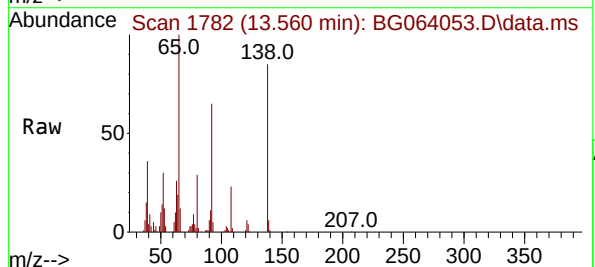
Manual Integrations  
APPROVED

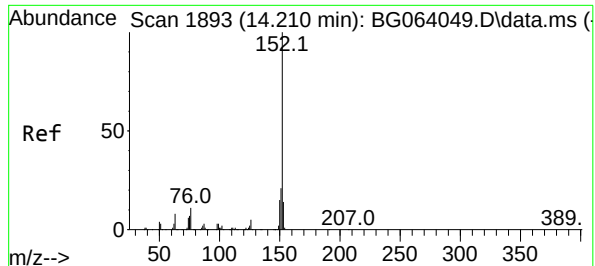
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#48  
2-Nitroaniline  
Concen: 41.405 ng  
RT: 13.560 min Scan# 1782  
Delta R.T. -0.004 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

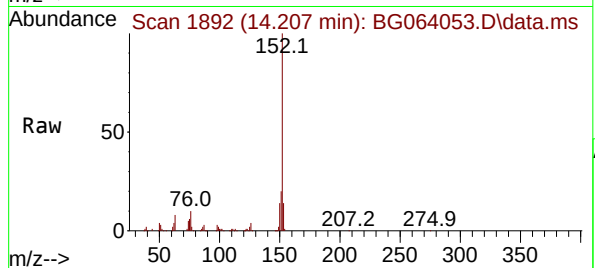
Tgt Ion: 65 Resp: 68823  
Ion Ratio Lower Upper  
65 100  
92 65.3 51.2 76.8  
138 84.9 69.4 104.2





#49  
Acenaphthylene  
Concen: 40.537 ng  
RT: 14.207 min Scan# 1892  
Delta R.T. -0.004 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

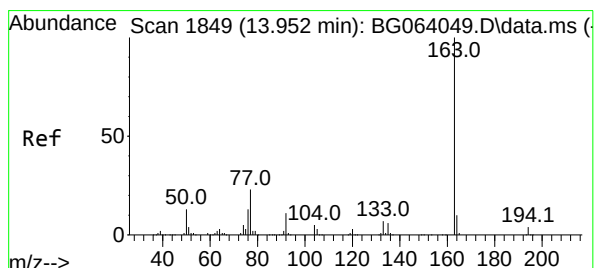
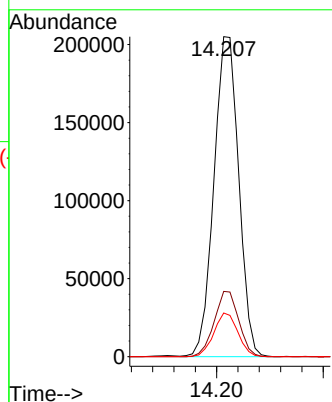
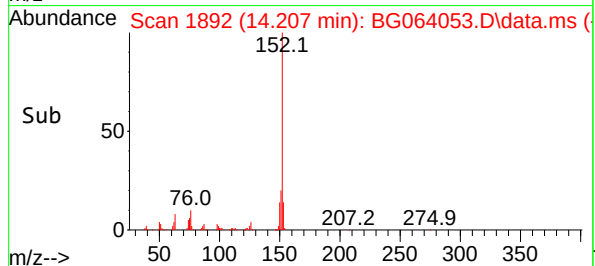
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030525



Tgt Ion:152 Resp: 33113  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.4 24.6  
153 13.6 10.9 16.3

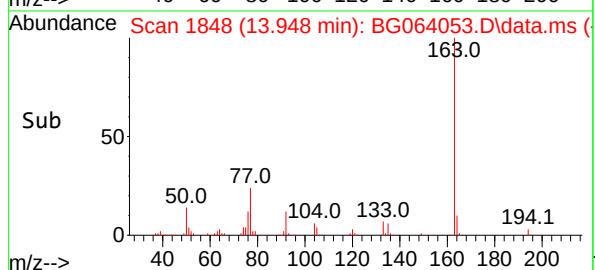
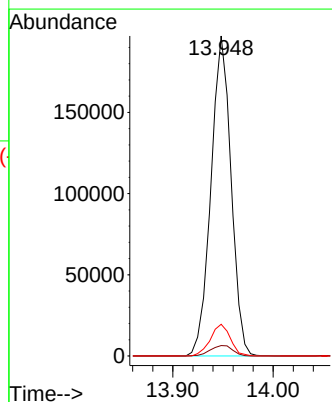
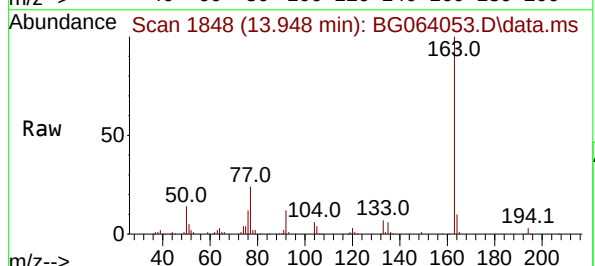
Manual Integrations  
APPROVED

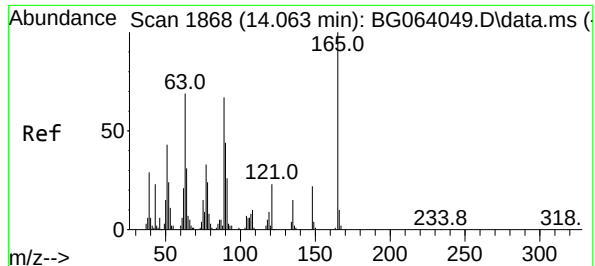
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#50  
Dimethylphthalate  
Concen: 39.712 ng  
RT: 13.948 min Scan# 1848  
Delta R.T. -0.004 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

Tgt Ion:163 Resp: 274751  
Ion Ratio Lower Upper  
163 100  
194 3.2 2.8 4.2  
164 9.9 8.2 12.2





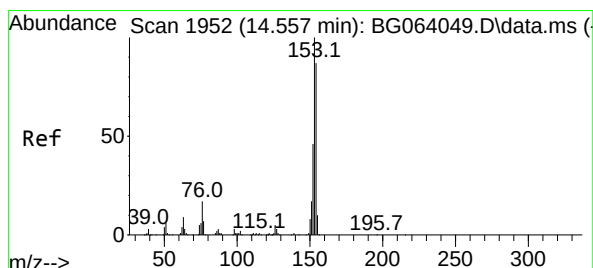
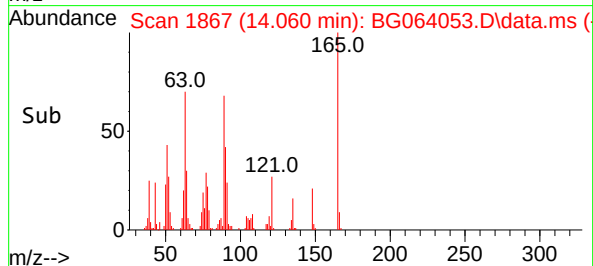
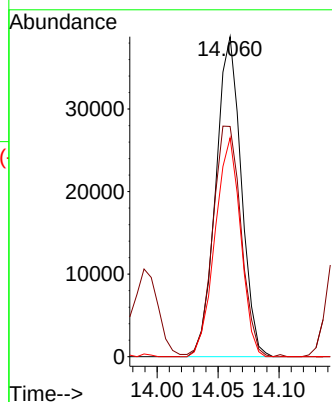
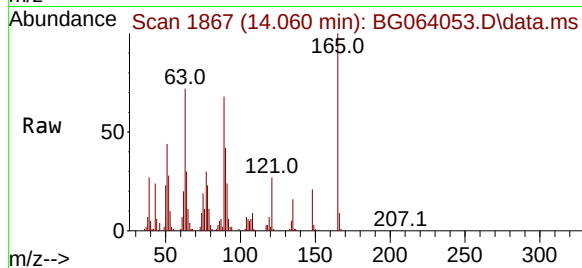
#51  
2,6-Dinitrotoluene  
Concen: 40.625 ng  
RT: 14.060 min Scan# 1868  
Delta R.T. -0.003 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030525

Tgt Ion:165 Resp: 5624  
Ion Ratio Lower Upper  
165 100  
63 72.0 56.7 85.1  
89 68.4 53.7 80.5

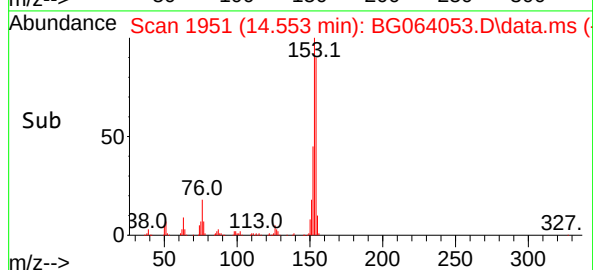
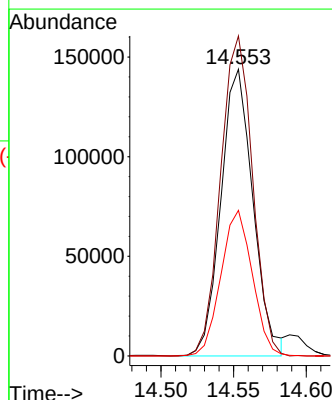
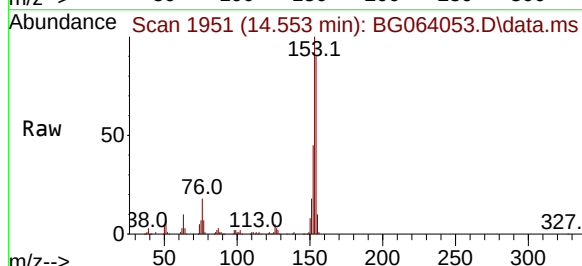
Manual Integrations  
APPROVED

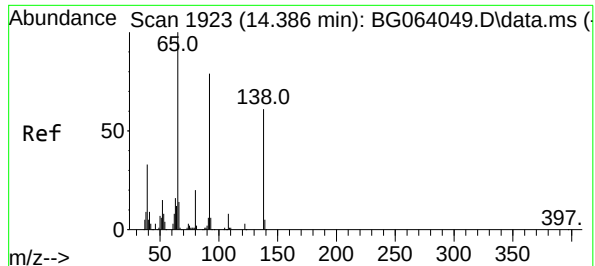
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#52  
Acenaphthene  
Concen: 40.428 ng m  
RT: 14.553 min Scan# 1951  
Delta R.T. -0.004 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

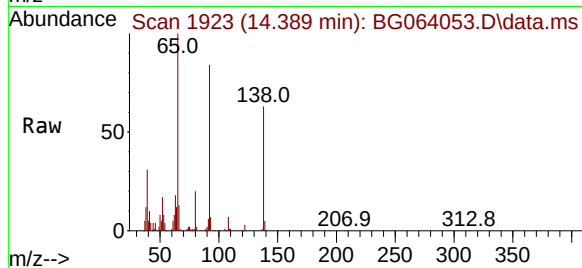
Tgt Ion:154 Resp: 221628  
Ion Ratio Lower Upper  
154 100  
153 111.6 91.6 137.4  
152 50.8 42.5 63.7





#53  
3-Nitroaniline  
Concen: 45.042 ng  
RT: 14.389 min Scan# 1923  
Delta R.T. 0.002 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

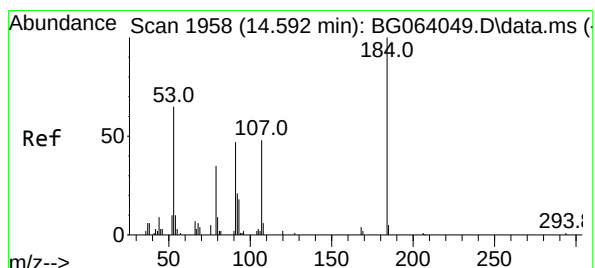
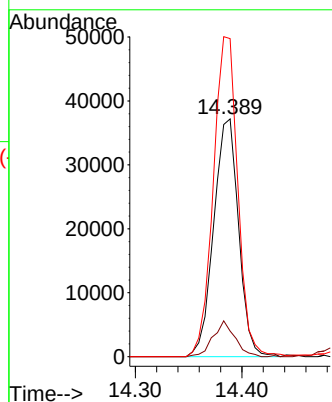
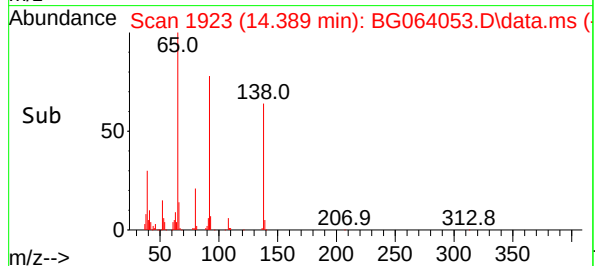
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030525



Tgt Ion:138 Resp: 60229  
Ion Ratio Lower Upper  
138 100  
108 10.8 10.1 15.1  
92 133.7 104.1 156.1

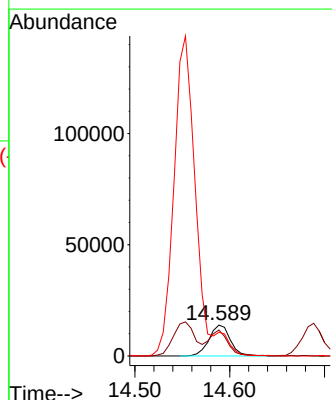
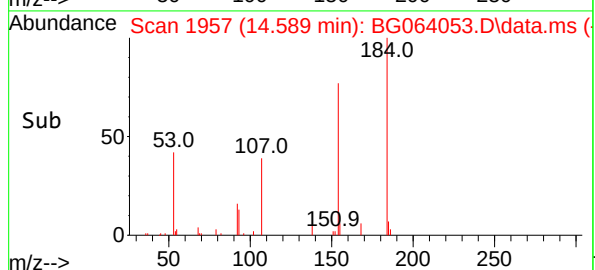
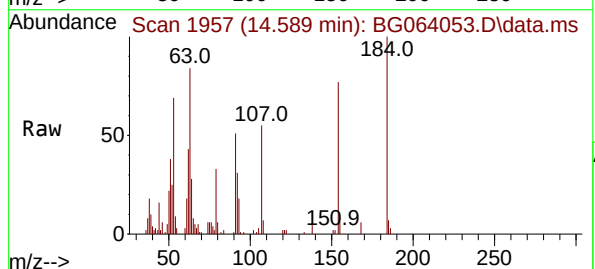
Manual Integrations  
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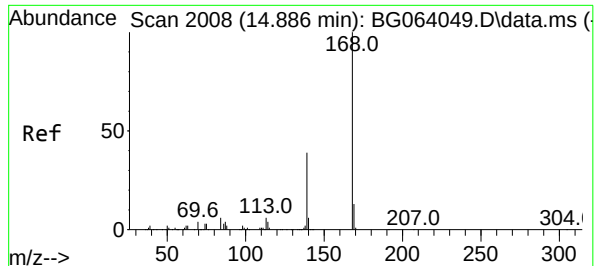
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#54  
2,4-Dinitrophenol  
Concen: 41.197 ng  
RT: 14.589 min Scan# 1957  
Delta R.T. -0.003 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

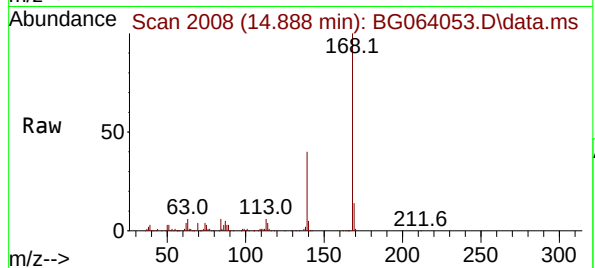
Tgt Ion:184 Resp: 21627  
Ion Ratio Lower Upper  
184 100  
63 84.0 57.5 86.3  
154 76.8 52.3 78.5





#55  
Dibenzofuran  
Concen: 40.014 ng  
RT: 14.888 min Scan# 2008  
Delta R.T. 0.002 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

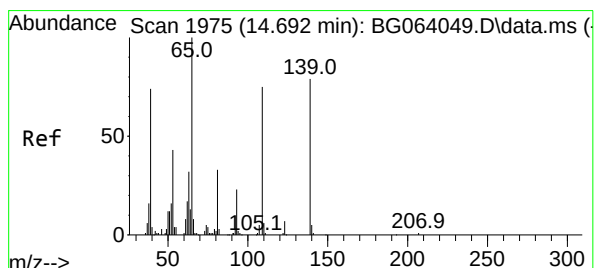
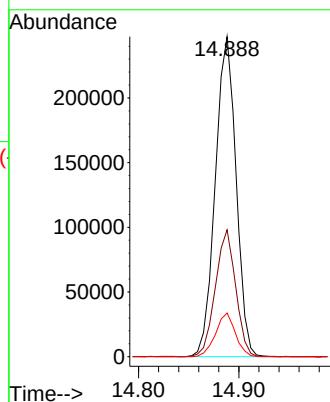
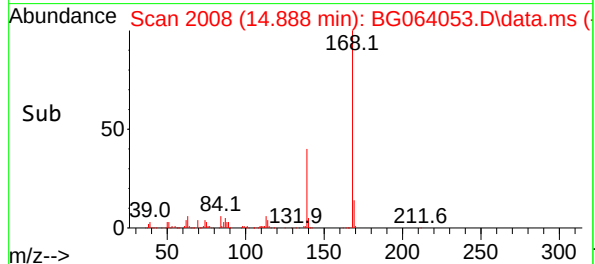
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030525



Tgt Ion:168 Resp: 355364  
Ion Ratio Lower Upper  
168 100  
139 39.6 31.1 46.7  
169 13.7 10.5 15.7

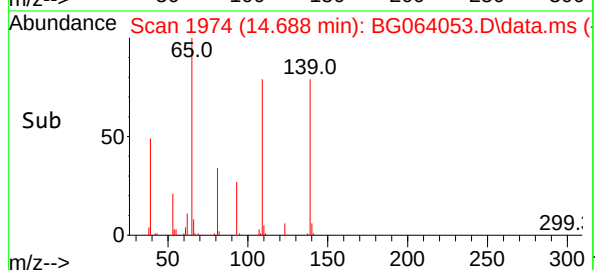
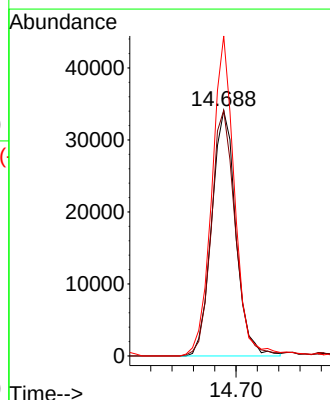
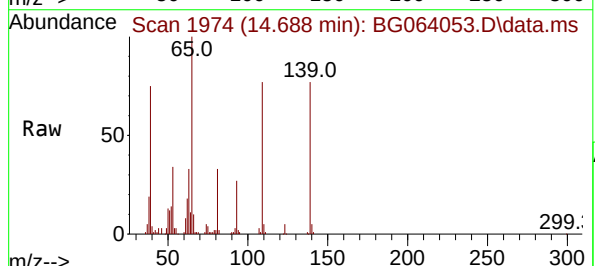
Manual Integrations  
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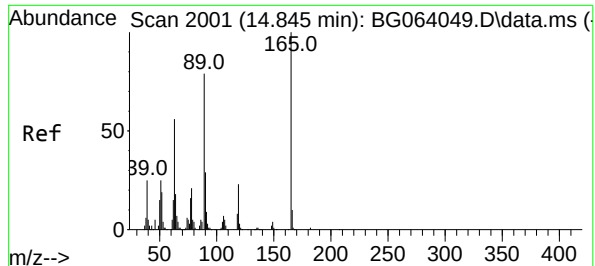
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#56  
4-Nitrophenol  
Concen: 47.537 ng  
RT: 14.688 min Scan# 1974  
Delta R.T. -0.004 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

Tgt Ion:139 Resp: 53310  
Ion Ratio Lower Upper  
139 100  
109 100.1 74.9 114.9  
65 130.4 106.8 146.8





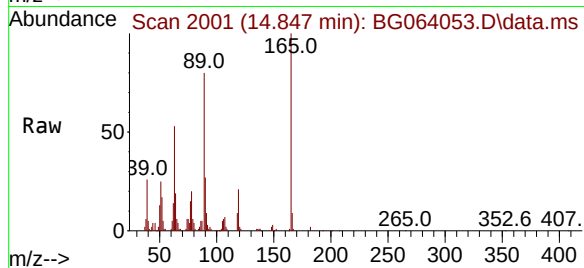
#57  
2,4-Dinitrotoluene  
Concen: 41.944 ng  
RT: 14.847 min Scan# 2001  
Delta R.T. 0.002 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

Instrument :

BNA\_G

ClientSampleId :

ICVBG030525

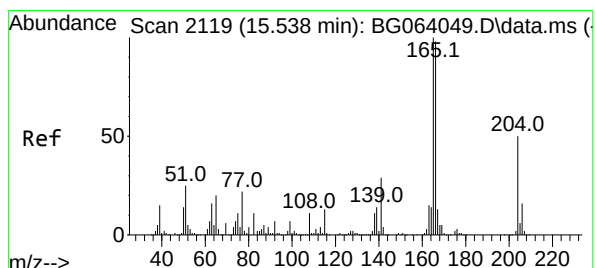
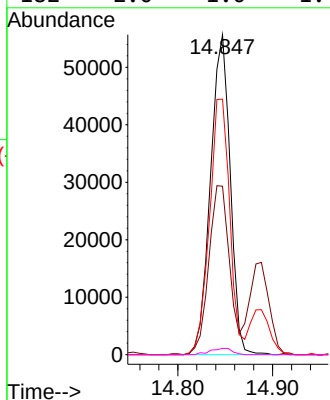
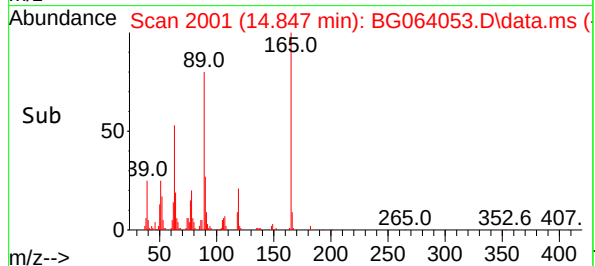


Tgt Ion:165 Resp: 80269  
Ion Ratio Lower Upper  
165 100  
63 52.7 45.0 67.6  
89 79.8 63.1 94.7  
182 2.0 1.0 1.4#

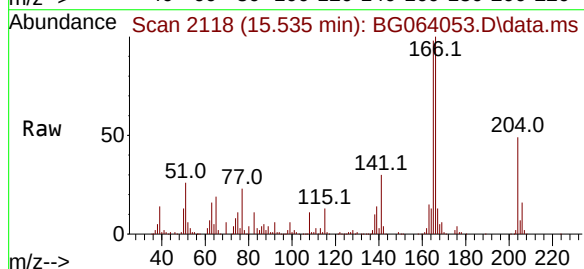
Manual Integrations

APPROVED

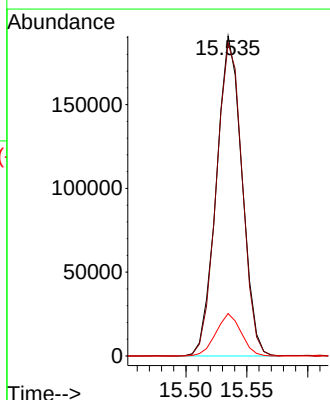
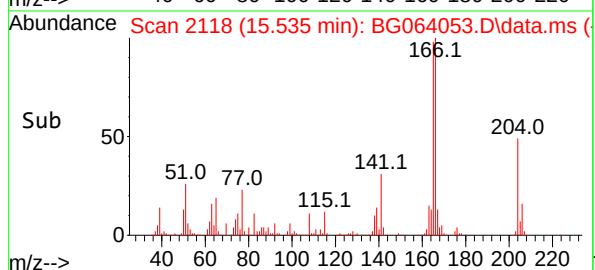
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

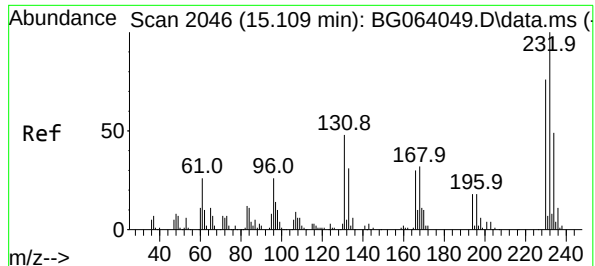


#58  
Fluorene  
Concen: 40.403 ng  
RT: 15.535 min Scan# 2118  
Delta R.T. -0.004 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10



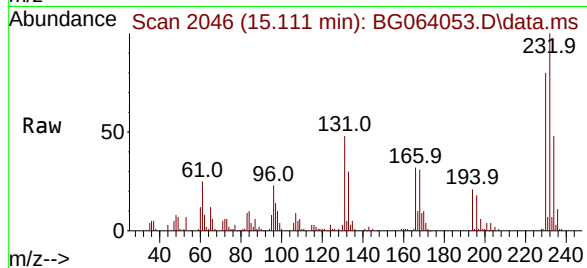
Tgt Ion:166 Resp: 279465  
Ion Ratio Lower Upper  
166 100  
165 97.8 81.8 122.8  
167 13.3 10.8 16.2





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 43.068 ng  
RT: 15.111 min Scan# 2046  
Delta R.T. 0.002 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

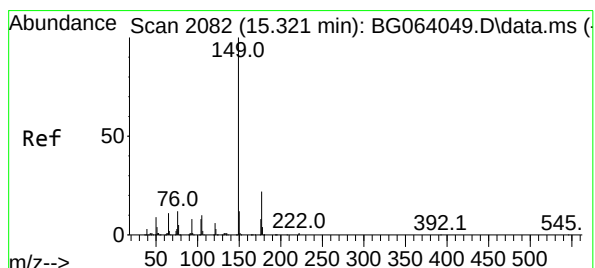
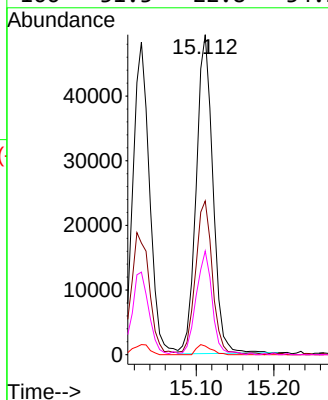
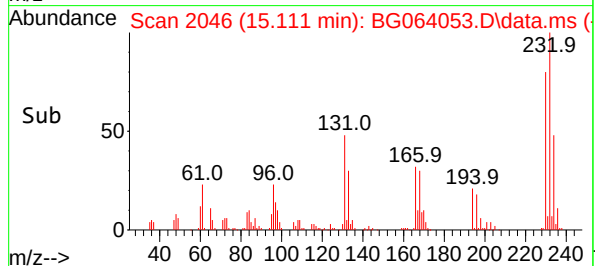
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030525



Tgt Ion:232 Resp: 73574  
Ion Ratio Lower Upper  
232 100  
131 47.7 36.3 54.5  
130 2.8 1.9 2.9  
166 31.3 22.8 34.2

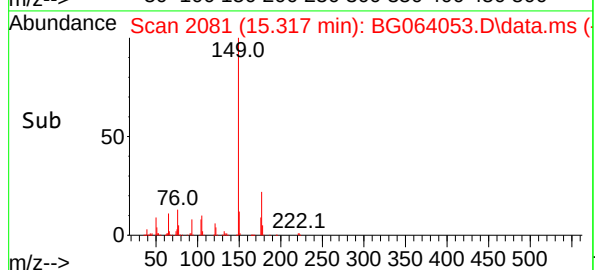
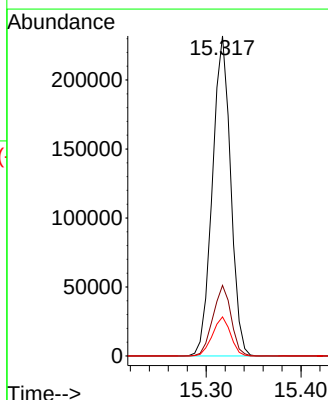
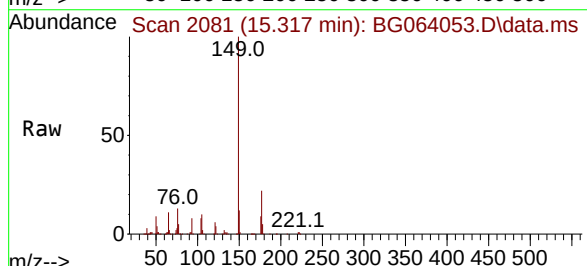
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

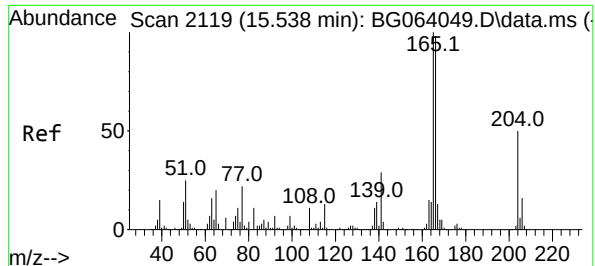


#60  
Diethylphthalate  
Concen: 41.198 ng  
RT: 15.317 min Scan# 2081  
Delta R.T. -0.004 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

Tgt Ion:149 Resp: 309434  
Ion Ratio Lower Upper  
149 100  
177 22.0 17.4 26.2  
150 12.2 9.4 14.2

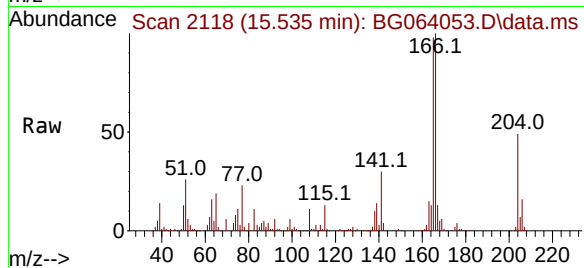






#61  
4-Chlorophenyl-phenylether  
Concen: 39.367 ng  
RT: 15.535 min Scan# 2118  
Delta R.T. -0.004 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

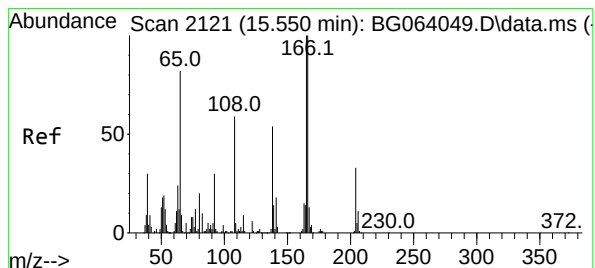
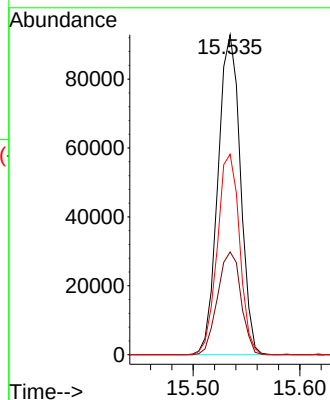
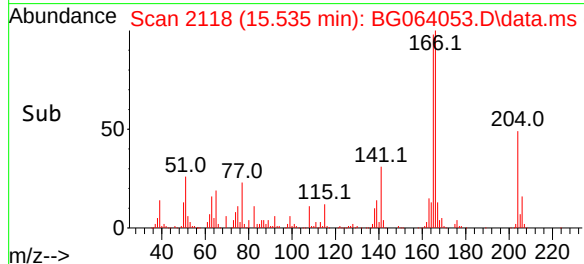
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030525



Tgt Ion:204 Resp: 135318  
Ion Ratio Lower Upper  
204 100  
206 32.1 25.5 38.3  
141 62.7 45.4 68.0

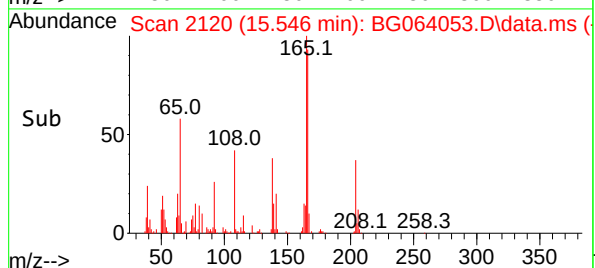
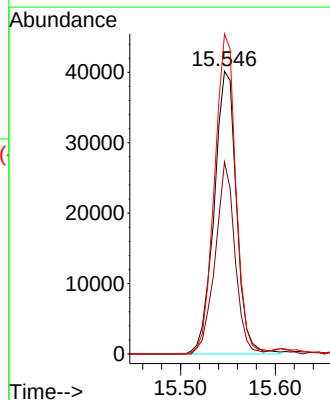
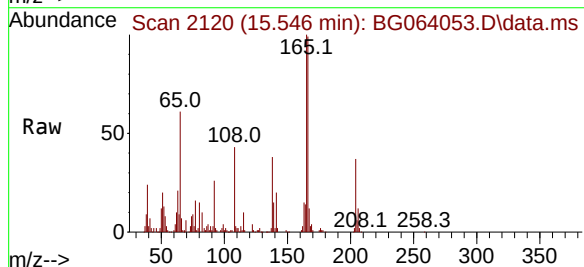
Manual Integrations  
APPROVED

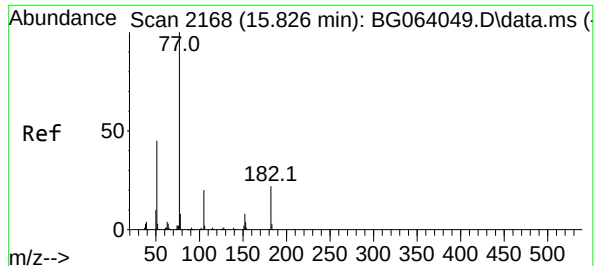
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#62  
4-Nitroaniline  
Concen: 45.576 ng  
RT: 15.546 min Scan# 2120  
Delta R.T. -0.004 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

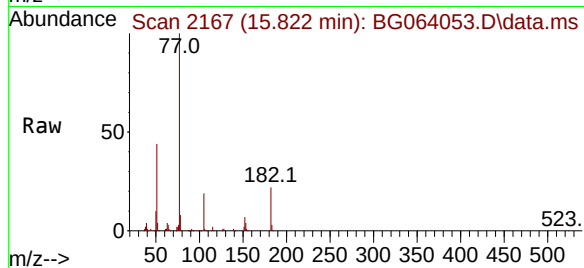
Tgt Ion:138 Resp: 65797  
Ion Ratio Lower Upper  
138 100  
92 67.9 36.1 76.1  
108 113.2 87.9 127.9





#63  
Azobenzene  
Concen: 40.137 ng  
RT: 15.822 min Scan# 2168  
Delta R.T. -0.004 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

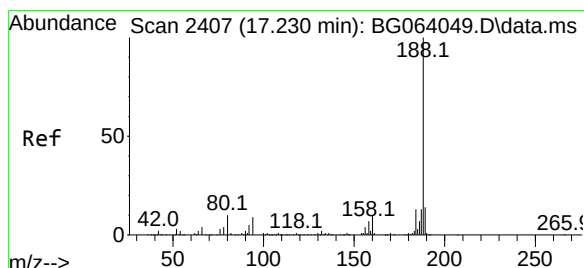
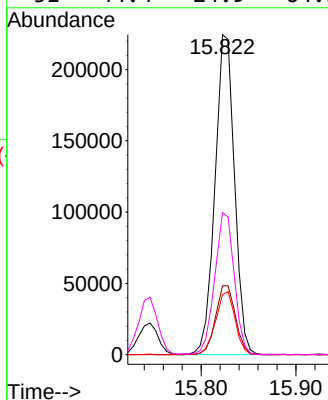
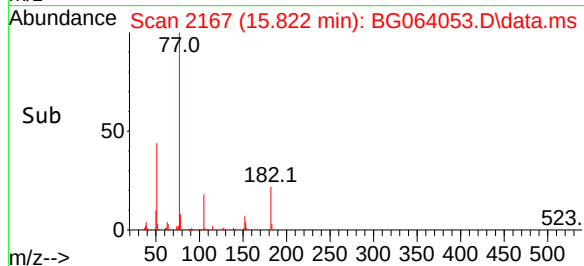
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030525



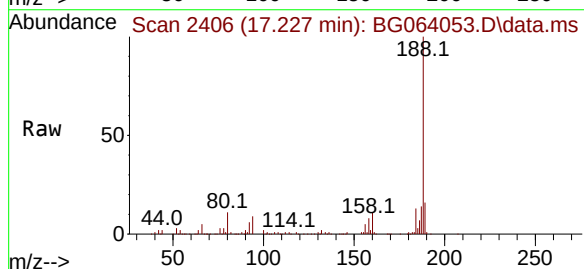
Tgt Ion: 77 Resp: 32168  
Ion Ratio Lower Upper  
77 100  
182 21.5 2.4 42.4  
105 18.8 0.0 40.0  
51 44.4 24.9 64.9

Manual Integrations  
APPROVED

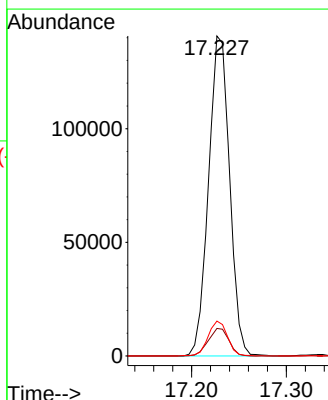
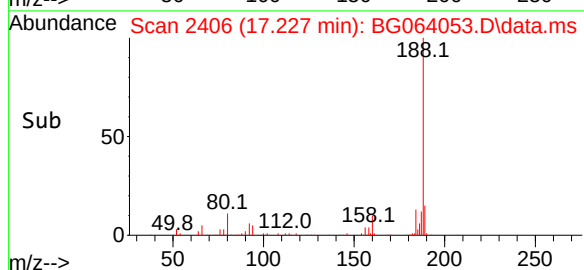
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

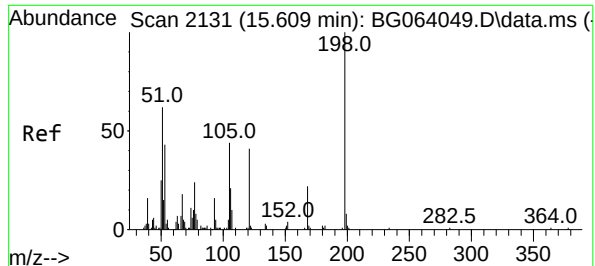


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.227 min Scan# 2406  
Delta R.T. -0.003 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10



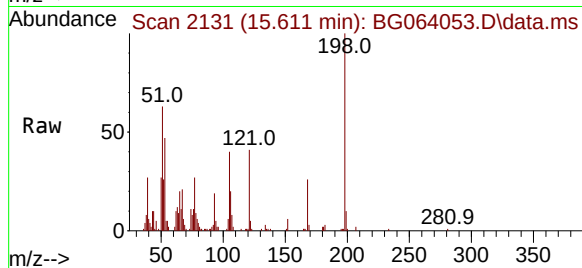
Tgt Ion:188 Resp: 217148  
Ion Ratio Lower Upper  
188 100  
94 8.6 6.9 10.3  
80 10.9 8.1 12.1





#65  
4,6-Dinitro-2-methylphenol  
Concen: 39.817 ng  
RT: 15.611 min Scan# 2131  
Delta R.T. 0.002 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

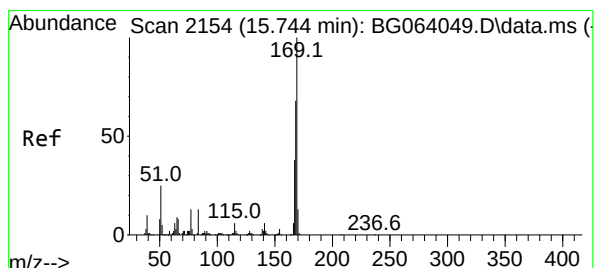
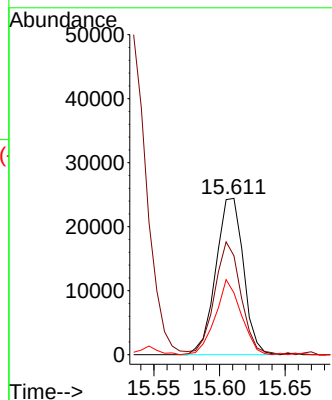
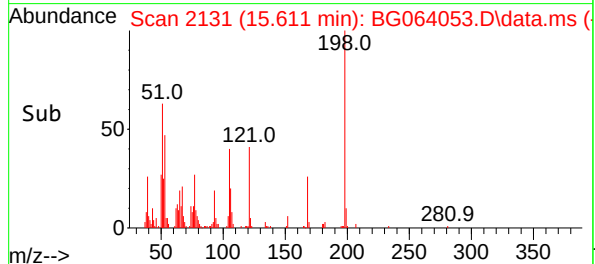
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030525



Tgt Ion:198 Resp: 3577  
Ion Ratio Lower Upper  
198 100  
51 63.3 45.6 85.6  
105 39.5 25.3 65.3

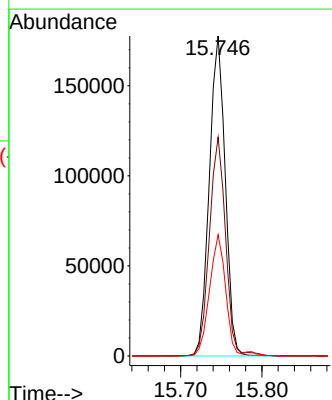
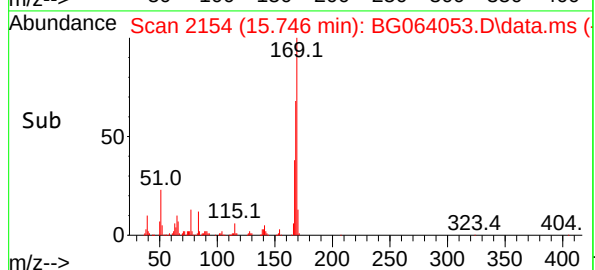
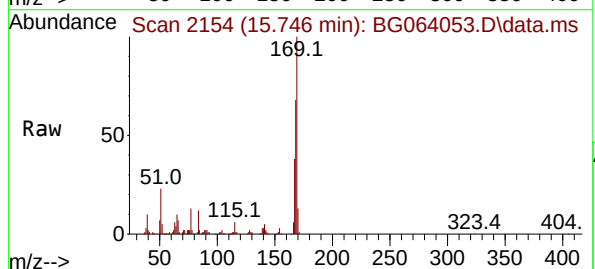
Manual Integrations  
APPROVED

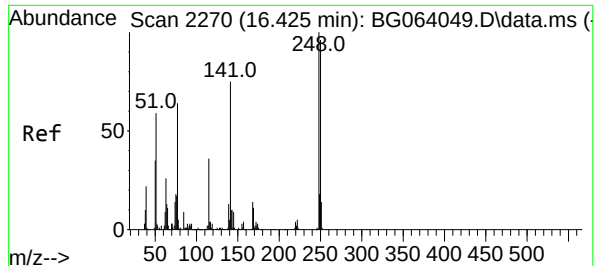
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#66  
n-Nitrosodiphenylamine  
Concen: 39.248 ng  
RT: 15.746 min Scan# 2154  
Delta R.T. 0.002 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

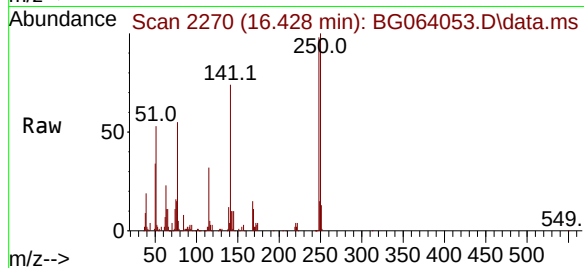
Tgt Ion:169 Resp: 241241  
Ion Ratio Lower Upper  
169 100  
168 68.4 54.1 81.1  
167 37.9 30.3 45.5





#67  
4-Bromophenyl-phenylether  
Concen: 39.772 ng  
RT: 16.428 min Scan# 21  
Delta R.T. 0.002 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

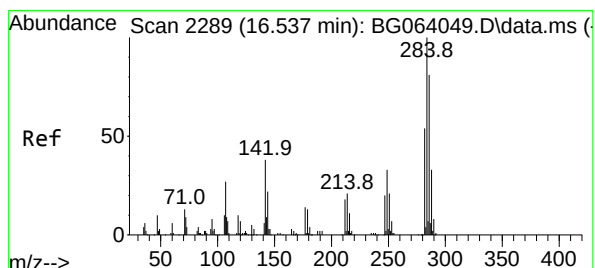
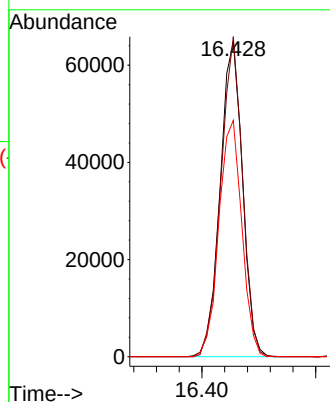
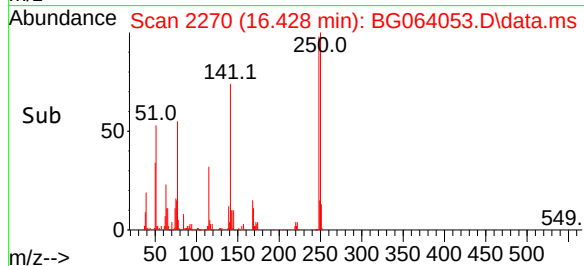
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030525



Tgt Ion:248 Resp: 88452  
Ion Ratio Lower Upper  
248 100  
250 101.6 77.1 115.7  
141 75.0 59.8 89.8

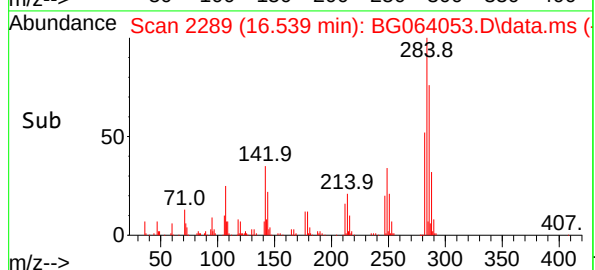
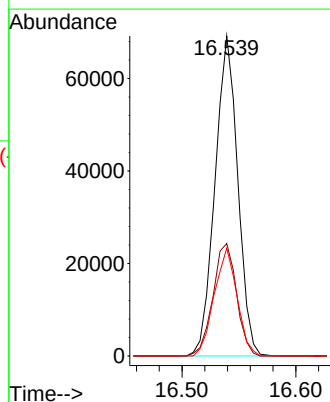
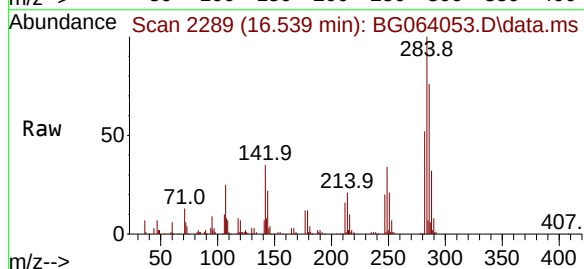
Manual Integrations  
APPROVED

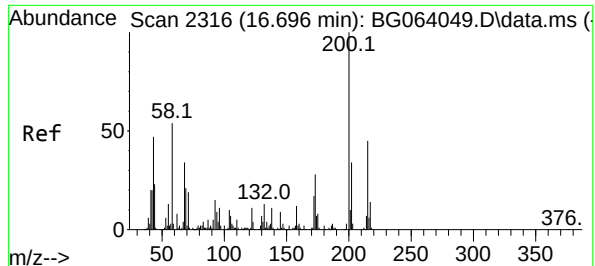
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#68  
Hexachlorobenzene  
Concen: 38.611 ng  
RT: 16.539 min Scan# 2289  
Delta R.T. 0.002 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

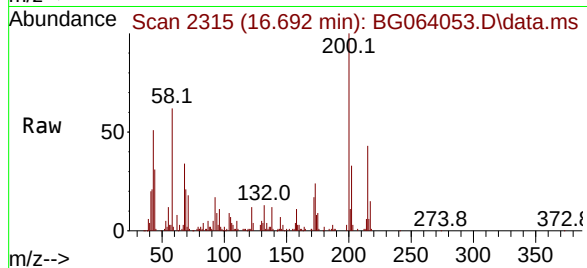
Tgt Ion:284 Resp: 96136  
Ion Ratio Lower Upper  
284 100  
142 35.2 30.6 45.8  
249 33.7 26.6 39.8





#69  
Atrazine  
Concen: 38.607 ng  
RT: 16.692 min Scan# 216  
Delta R.T. -0.004 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

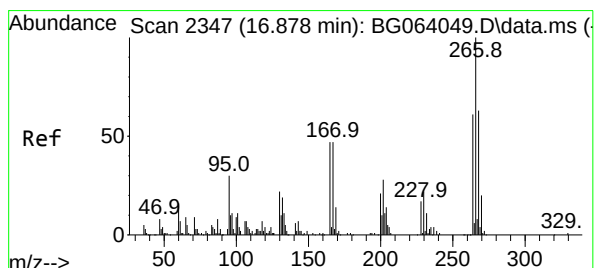
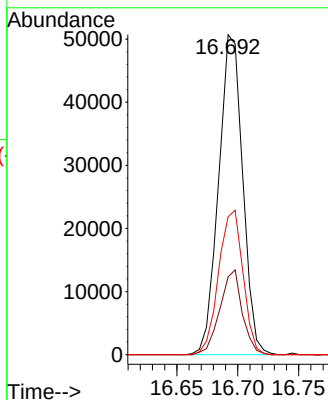
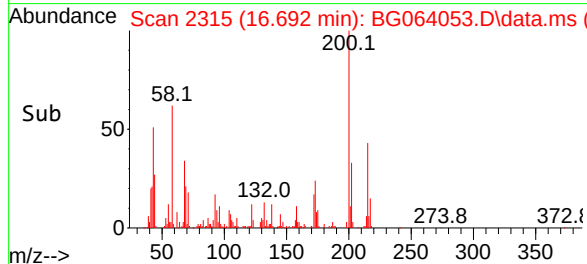
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030525



Tgt Ion:200 Resp: 6982  
Ion Ratio Lower Upper  
200 100  
173 24.3 8.2 48.2  
215 43.1 25.5 65.5

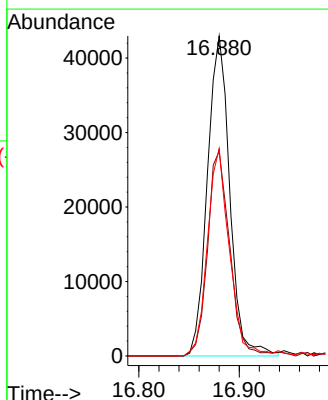
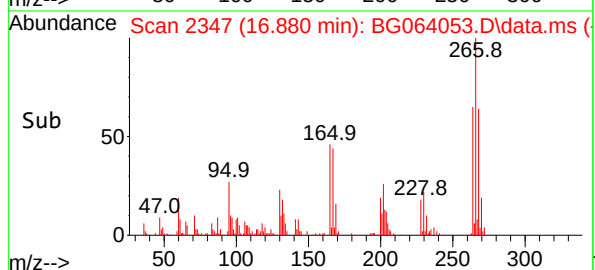
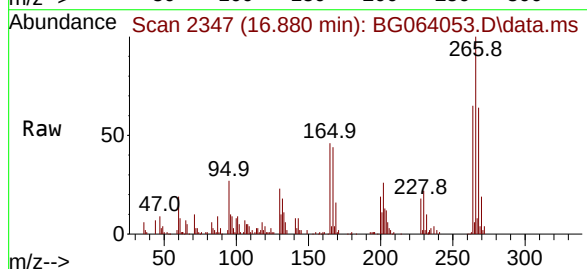
Manual Integrations  
APPROVED

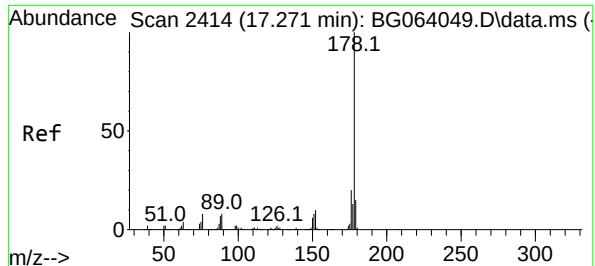
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#70  
Pentachlorophenol  
Concen: 43.019 ng  
RT: 16.880 min Scan# 2347  
Delta R.T. 0.002 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

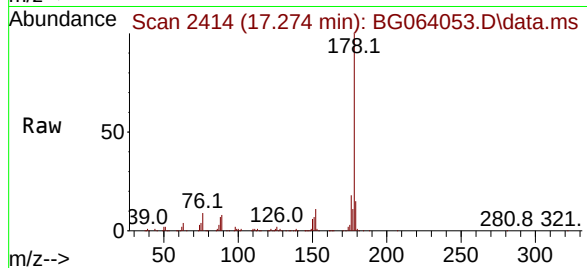
Tgt Ion:266 Resp: 66504  
Ion Ratio Lower Upper  
266 100  
268 64.0 50.2 75.4  
264 64.8 48.9 73.3





#71  
Phenanthrene  
Concen: 39.978 ng  
RT: 17.274 min Scan# 2414  
Delta R.T. 0.002 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

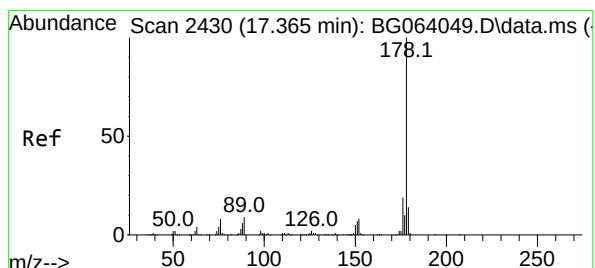
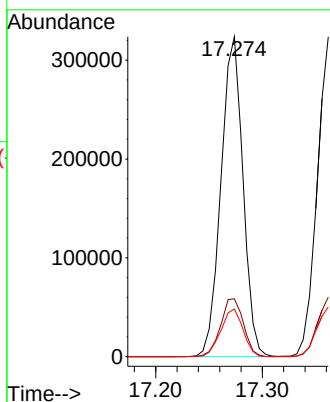
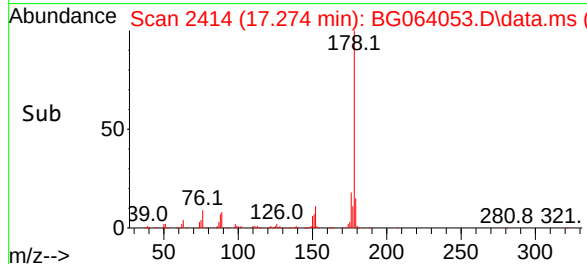
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030525



Tgt Ion:178 Resp: 463029  
Ion Ratio Lower Upper  
178 100  
176 18.1 15.9 23.9  
179 14.9 12.2 18.2

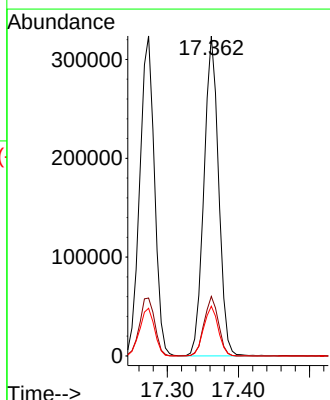
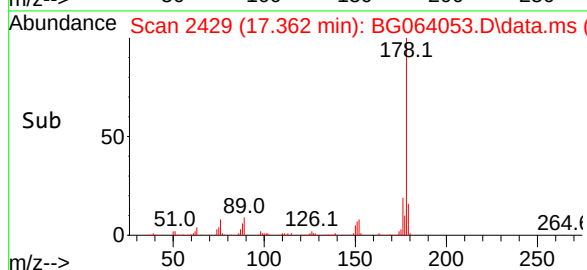
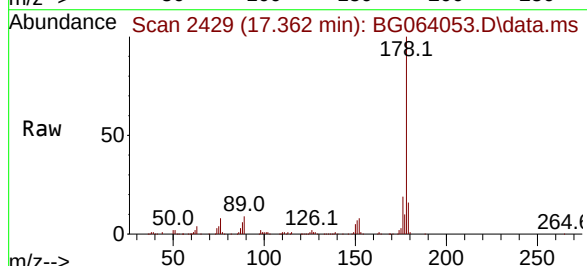
Manual Integrations  
APPROVED

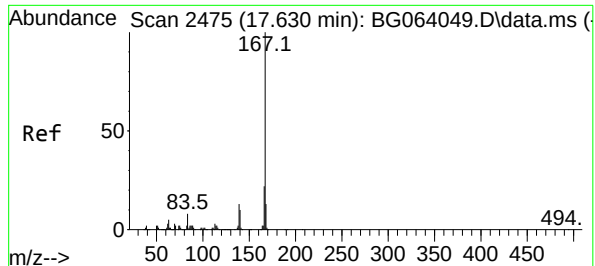
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#72  
Anthracene  
Concen: 40.280 ng  
RT: 17.362 min Scan# 2429  
Delta R.T. -0.004 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

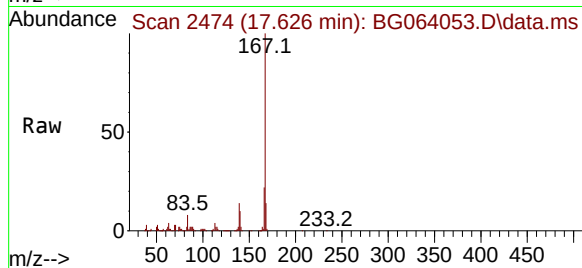
Tgt Ion:178 Resp: 463897  
Ion Ratio Lower Upper  
178 100  
176 18.6 14.8 22.2  
179 15.6 11.5 17.3





#73  
Carbazole  
Concen: 41.831 ng  
RT: 17.626 min Scan# 2475  
Delta R.T. -0.004 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

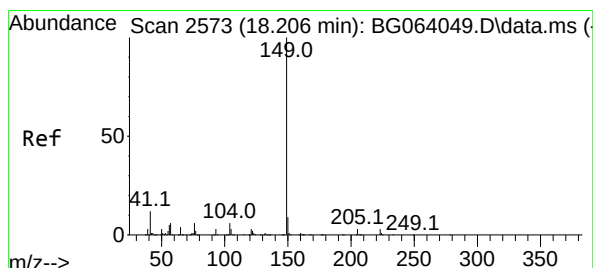
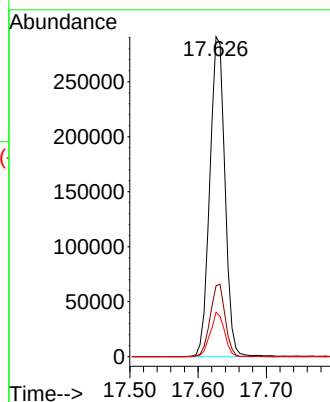
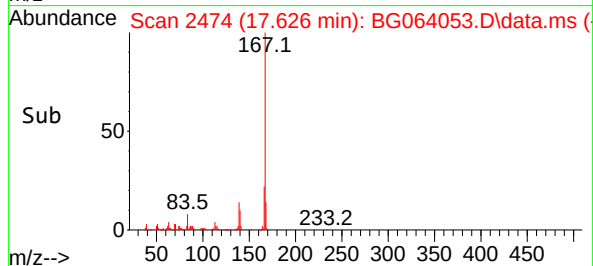
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030525



Tgt Ion:167 Resp: 449805  
Ion Ratio Lower Upper  
167 100  
166 22.2 18.0 27.0  
139 13.9 10.6 15.8

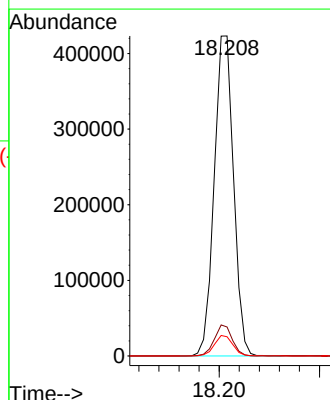
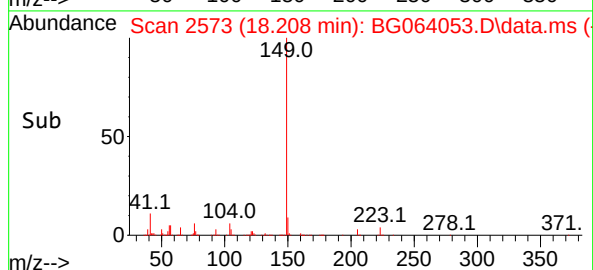
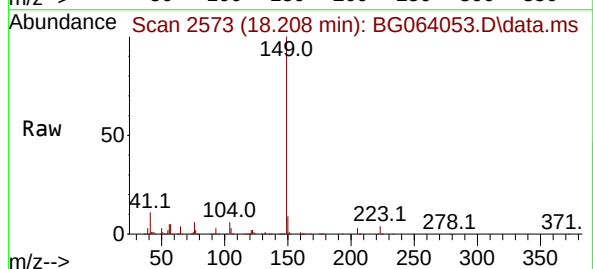
Manual Integrations  
APPROVED

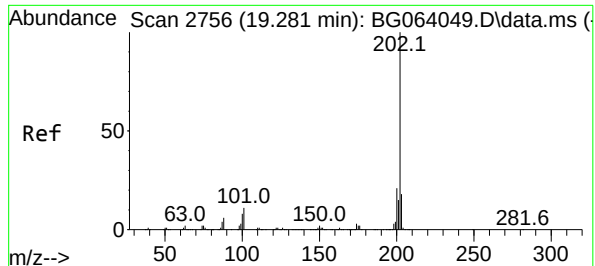
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#74  
Di-n-butylphthalate  
Concen: 44.702 ng  
RT: 18.208 min Scan# 2573  
Delta R.T. 0.002 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

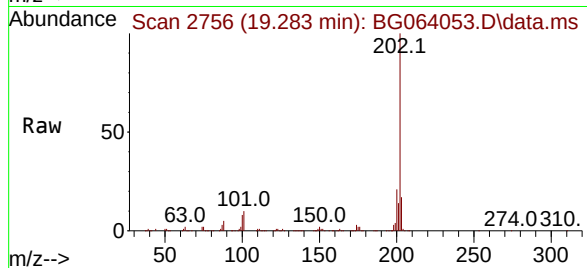
Tgt Ion:149 Resp: 565797  
Ion Ratio Lower Upper  
149 100  
150 9.0 7.4 11.0  
104 6.0 5.0 7.6





#75  
Fluoranthene  
Concen: 42.146 ng  
RT: 19.283 min Scan# 2756  
Delta R.T. 0.002 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

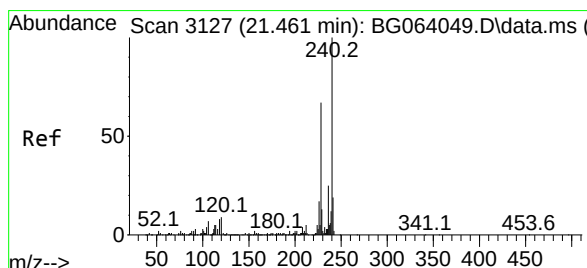
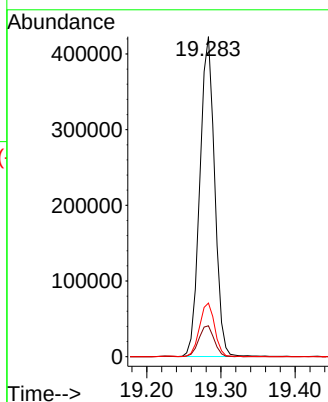
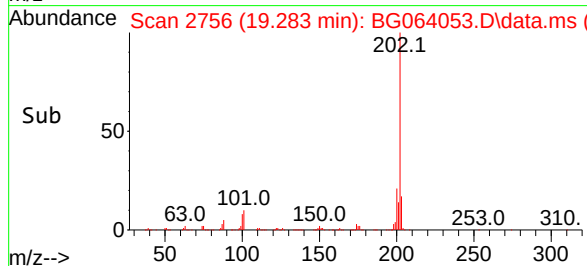
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030525



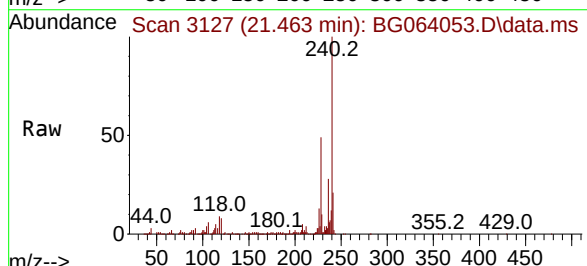
Tgt Ion:202 Resp: 58849  
Ion Ratio Lower Upper  
202 100  
101 9.6 0.0 30.5  
203 16.8 0.0 38.3

Manual Integrations  
APPROVED

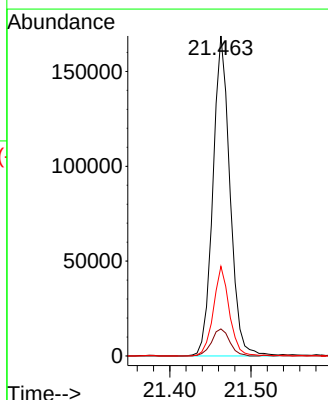
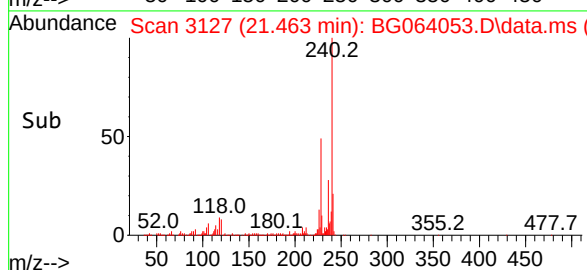
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



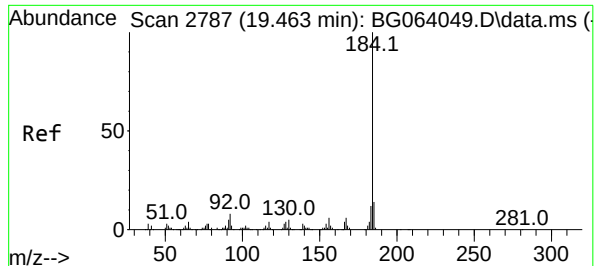
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.463 min Scan# 3127  
Delta R.T. 0.002 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10



Tgt Ion:240 Resp: 246166  
Ion Ratio Lower Upper  
240 100  
120 8.5 7.2 10.8  
236 28.0 20.2 30.2

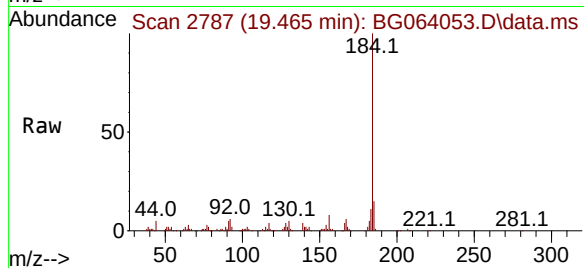






#77  
Benzidine  
Concen: 37.383 ng  
RT: 19.465 min Scan# 21  
Delta R.T. 0.002 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

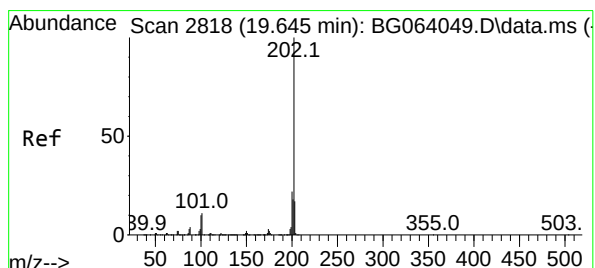
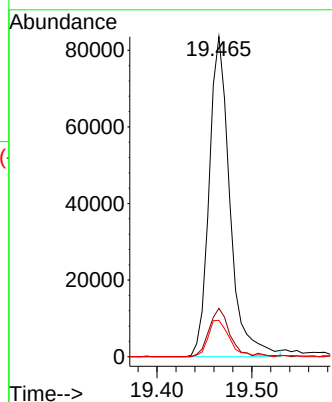
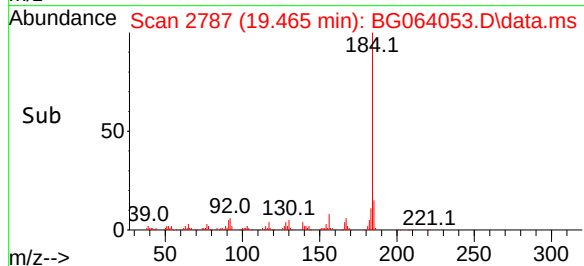
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030525



Tgt Ion:184 Resp: 127428  
Ion Ratio Lower Upper  
184 100  
185 15.1 11.3 16.9  
183 11.3 9.5 14.3

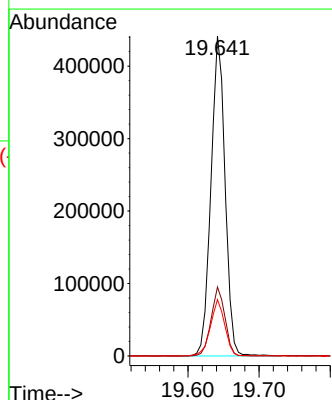
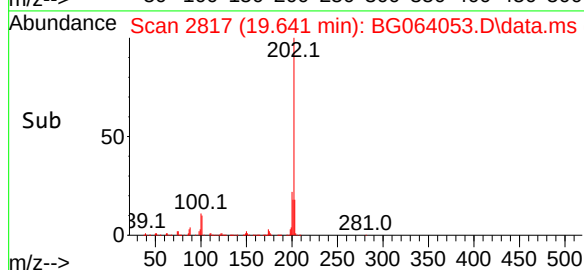
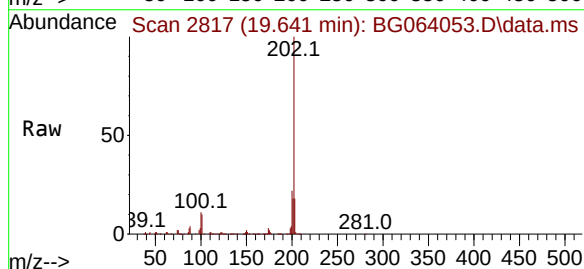
Manual Integrations  
APPROVED

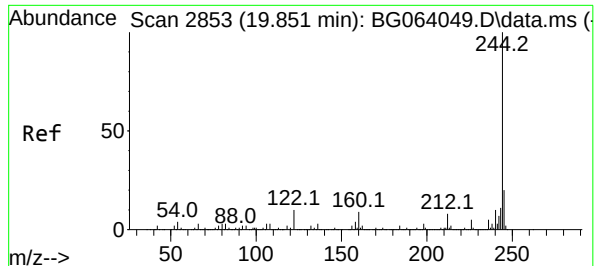
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#78  
Pyrene  
Concen: 38.357 ng  
RT: 19.641 min Scan# 2817  
Delta R.T. -0.004 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

Tgt Ion:202 Resp: 608668  
Ion Ratio Lower Upper  
202 100  
200 21.5 17.3 25.9  
203 17.6 13.6 20.4





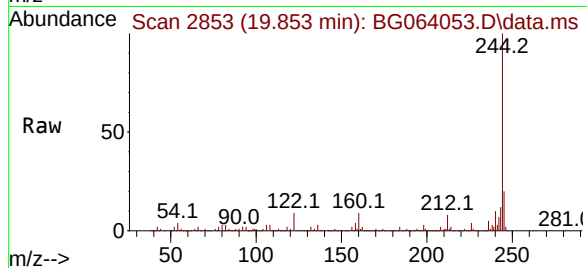
#79  
 Terphenyl-d14  
 Concen: 77.284 ng  
 RT: 19.853 min Scan# 2853  
 Delta R.T. 0.002 min  
 Lab File: BG064053.D  
 Acq: 5 Mar 2025 15:10

Instrument :

BNA\_G

ClientSampleId :

ICVBG030525

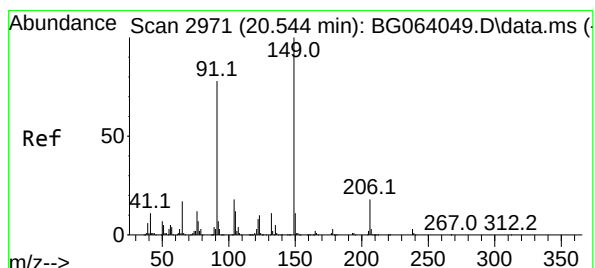
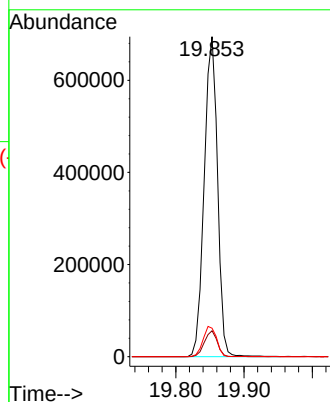
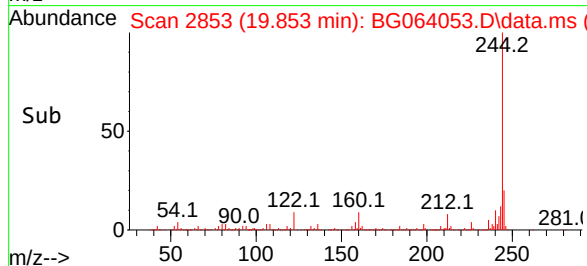


Tgt Ion:244 Resp: 940889  
 Ion Ratio Lower Upper  
 244 100  
 212 8.1 6.2 9.4  
 122 8.9 8.0 12.0

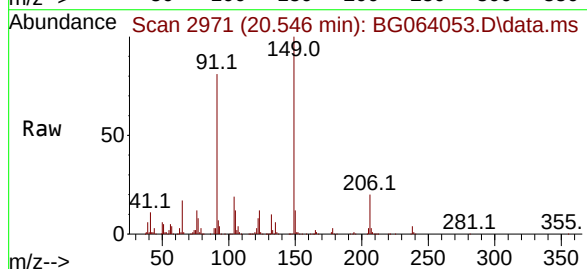
Manual Integrations

APPROVED

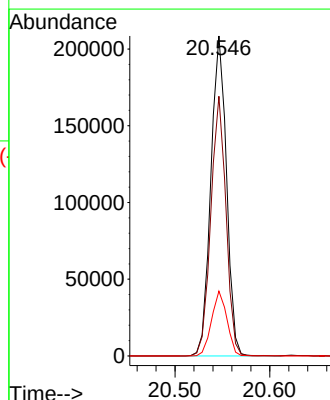
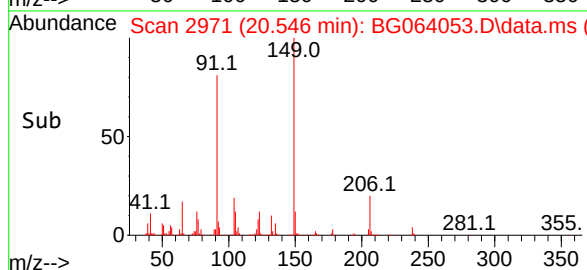
Reviewed By :Jagrut Upadhyay 03/06/2025  
 Supervised By :mohammad ahmed 03/07/2025

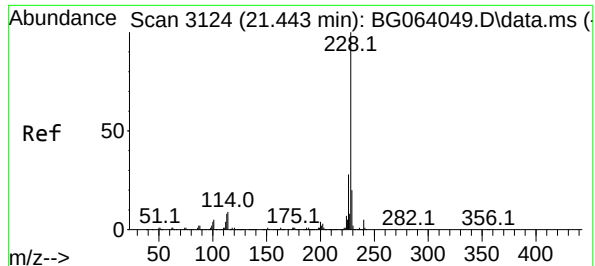


#80  
 Butylbenzylphthalate  
 Concen: 40.680 ng  
 RT: 20.546 min Scan# 2971  
 Delta R.T. 0.002 min  
 Lab File: BG064053.D  
 Acq: 5 Mar 2025 15:10



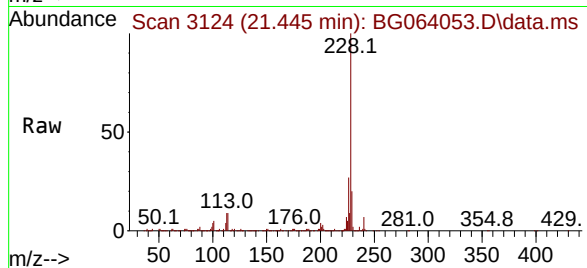
Tgt Ion:149 Resp: 238653  
 Ion Ratio Lower Upper  
 149 100  
 91 81.2 62.0 93.0  
 206 20.2 14.6 21.8





#81  
Benzo(a)anthracene  
Concen: 39.598 ng  
RT: 21.445 min Scan# 3124  
Delta R.T. 0.002 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

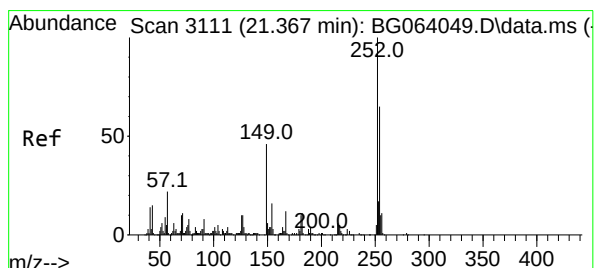
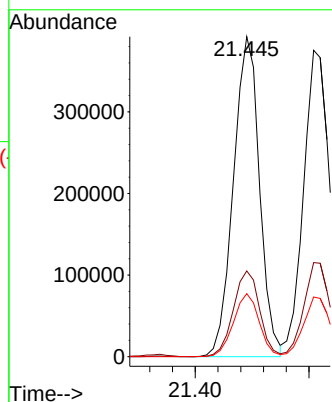
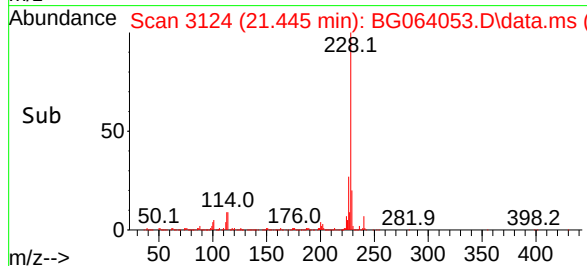
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030525



Tgt Ion:228 Resp: 62440  
Ion Ratio Lower Upper  
228 100  
226 26.8 22.2 33.2  
229 19.7 16.4 24.6

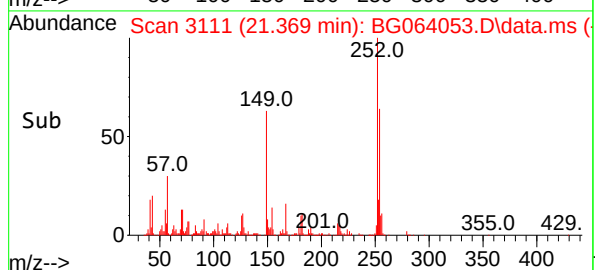
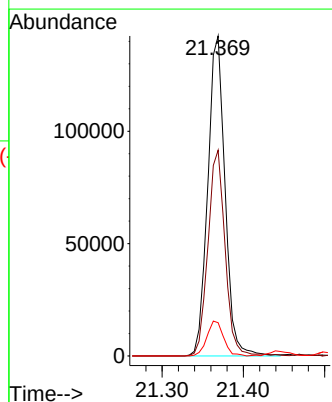
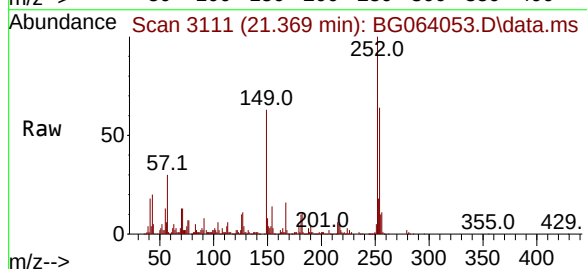
Manual Integrations  
APPROVED

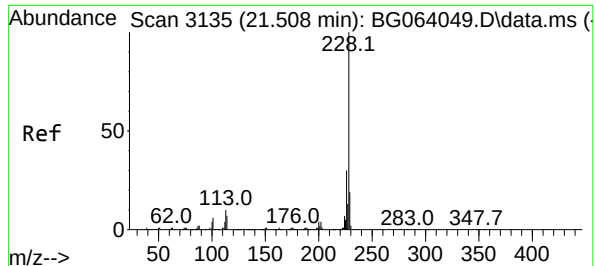
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#82  
3,3'-Dichlorobenzidine  
Concen: 41.103 ng  
RT: 21.369 min Scan# 3111  
Delta R.T. 0.002 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

Tgt Ion:252 Resp: 209761  
Ion Ratio Lower Upper  
252 100  
254 64.3 52.1 78.1  
126 10.4 7.8 11.8





#83

Chrysene

Concen: 38.876 ng

RT: 21.504 min Scan# 3135

Delta R.T. -0.004 min

Lab File: BG064053.D

Acq: 5 Mar 2025 15:10

Instrument :

BNA\_G

ClientSampleId :

ICVBG030525

Tgt Ion:228 Resp: 611410

Ion Ratio Lower Upper

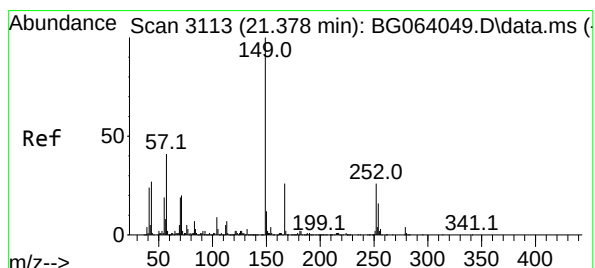
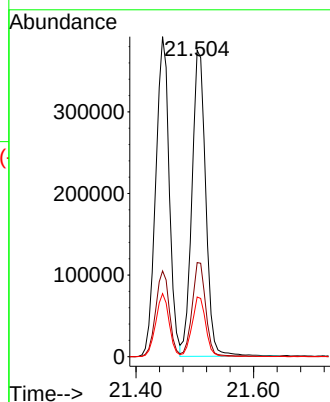
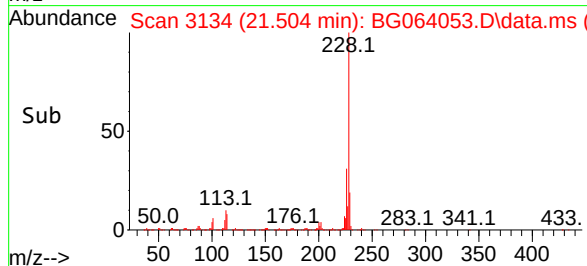
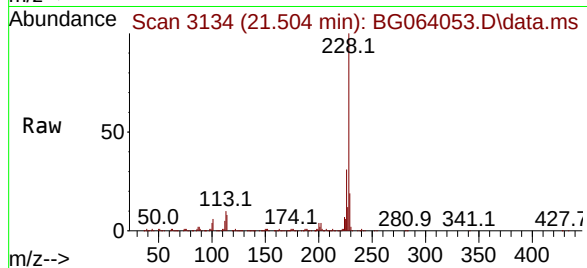
228 100

226 30.7 23.9 35.9

229 19.5 15.3 22.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

#84

Bis(2-ethylhexyl)phthalate

Concen: 44.551 ng

RT: 21.381 min Scan# 3113

Delta R.T. 0.002 min

Lab File: BG064053.D

Acq: 5 Mar 2025 15:10

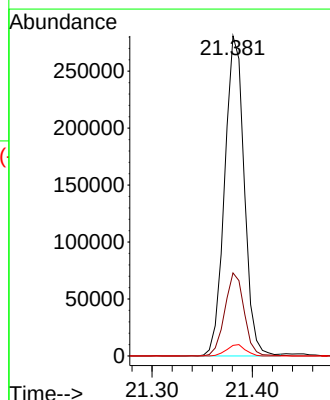
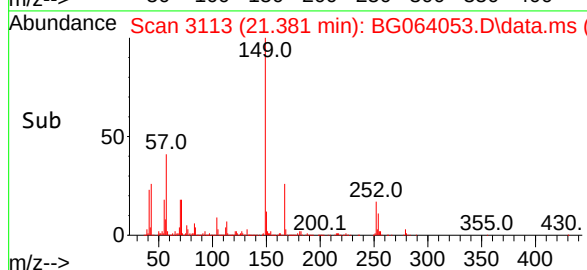
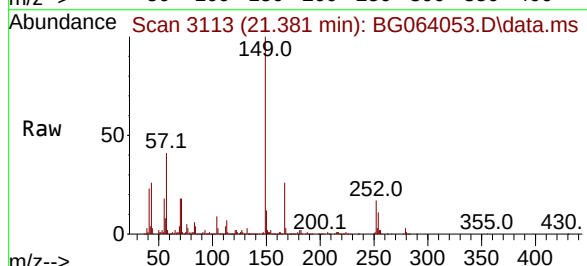
Tgt Ion:149 Resp: 379928

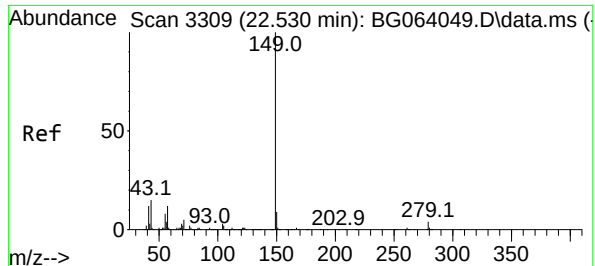
Ion Ratio Lower Upper

149 100

167 26.0 21.0 31.6

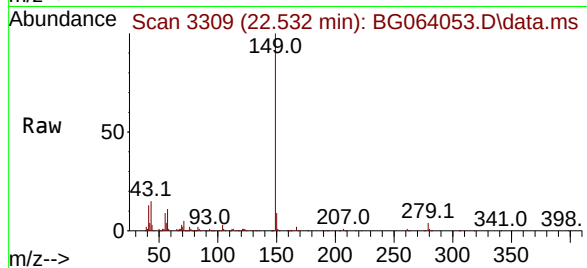
279 3.3 2.8 4.2





#85  
Di-n-octyl phthalate  
Concen: 42.688 ng  
RT: 22.532 min Scan# 3309  
Delta R.T. 0.002 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

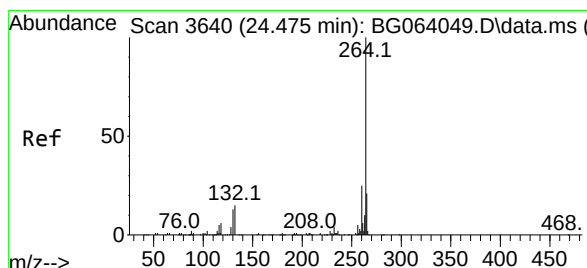
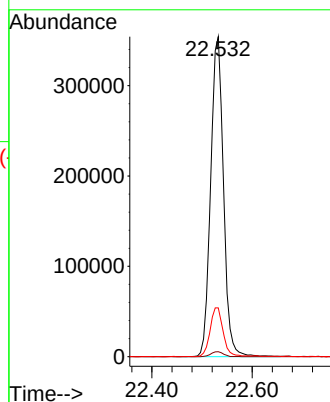
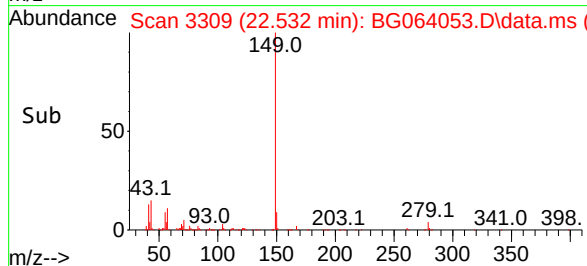
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030525



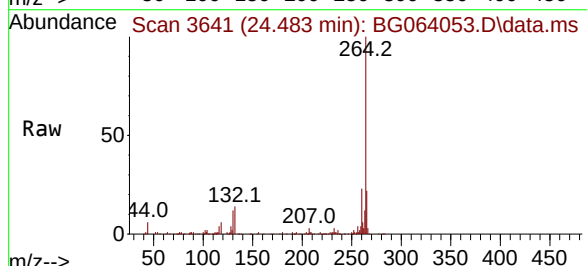
Tgt Ion:149 Resp: 627920  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 15.6 12.6 19.0

Manual Integrations  
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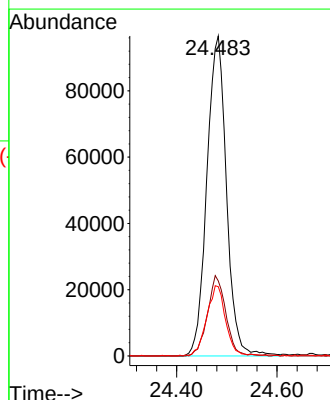
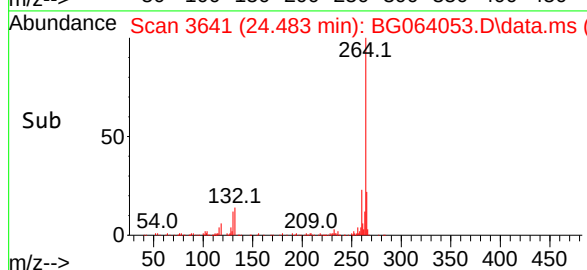
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025

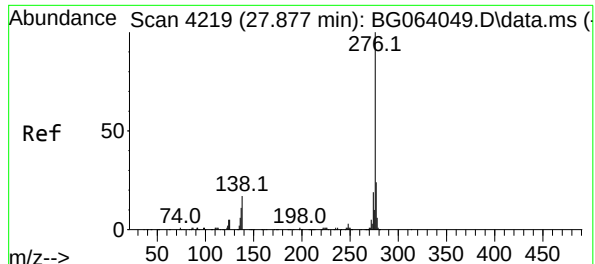


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.483 min Scan# 3641  
Delta R.T. 0.008 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10



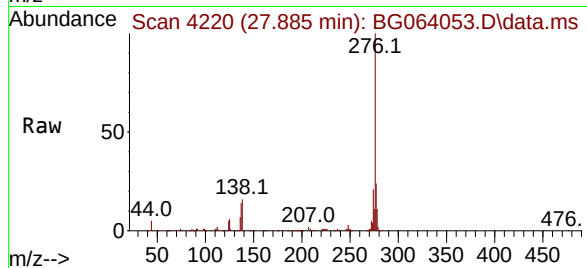
Tgt Ion:264 Resp: 261789  
Ion Ratio Lower Upper  
264 100  
260 23.5 19.6 29.4  
265 21.7 16.6 25.0





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 39.918 ng  
RT: 27.885 min Scan# 4219  
Delta R.T. 0.008 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

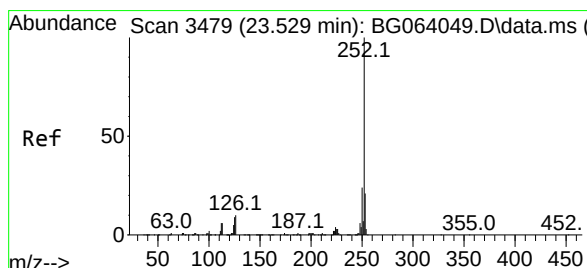
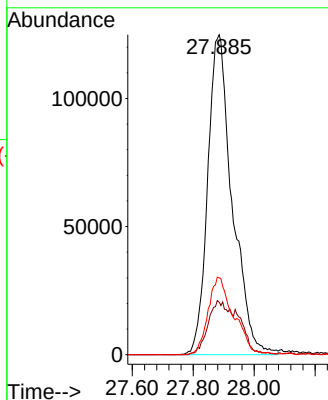
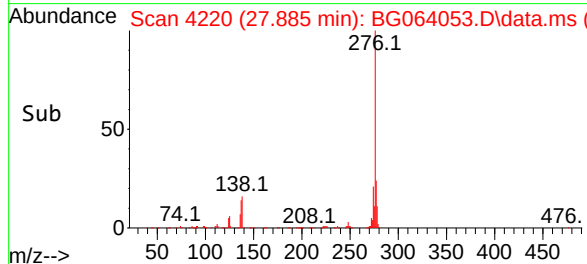
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030525



Tgt Ion:276 Resp: 699194  
Ion Ratio Lower Upper  
276 100  
138 15.1 12.1 18.1  
277 25.0 20.0 30.0

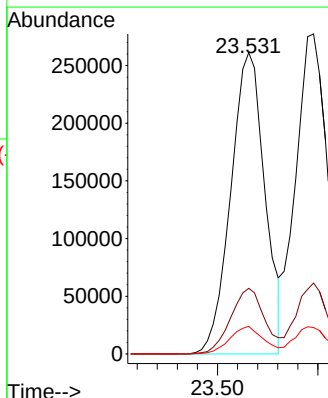
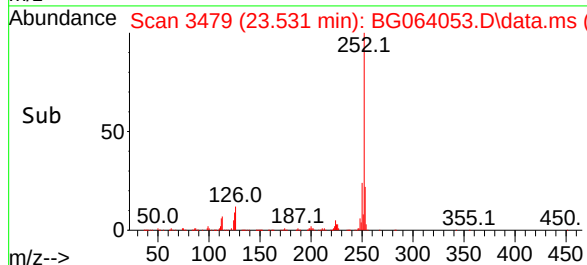
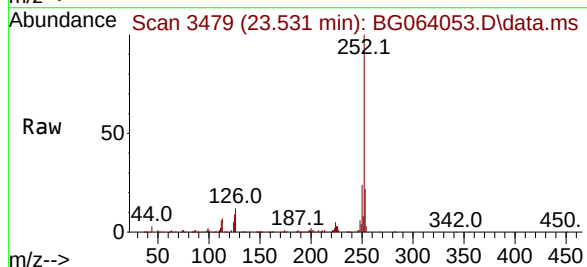
Manual Integrations  
APPROVED

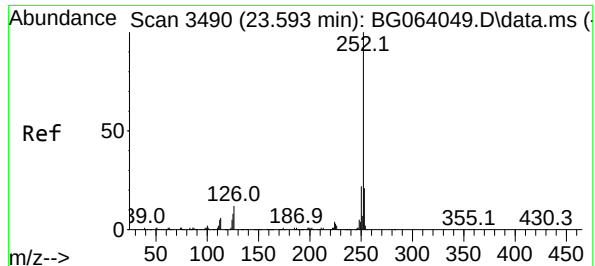
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#88  
Benzo(b)fluoranthene  
Concen: 38.901 ng  
RT: 23.531 min Scan# 3479  
Delta R.T. 0.002 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

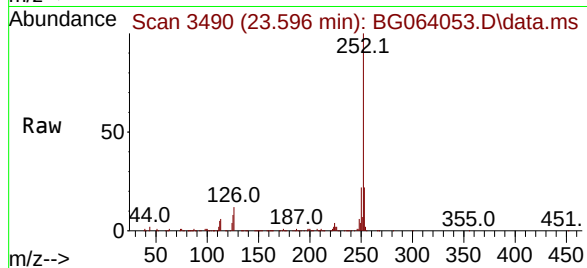
Tgt Ion:252 Resp: 615644  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.0 25.4  
125 9.2 7.4 11.2





#89  
Benzo(k)fluoranthene  
Concen: 39.079 ng  
RT: 23.596 min Scan# 3490  
Delta R.T. 0.002 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

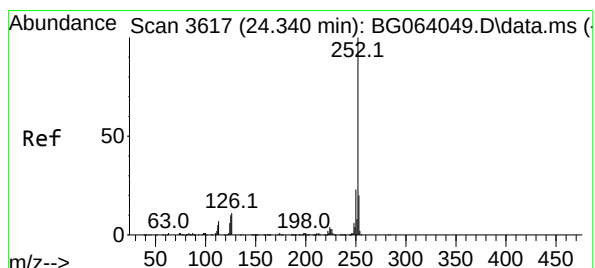
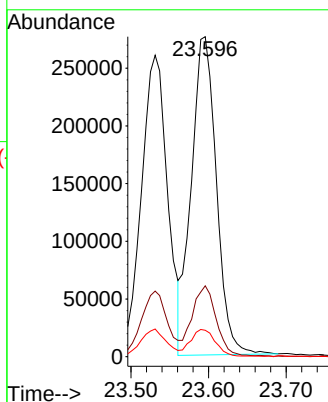
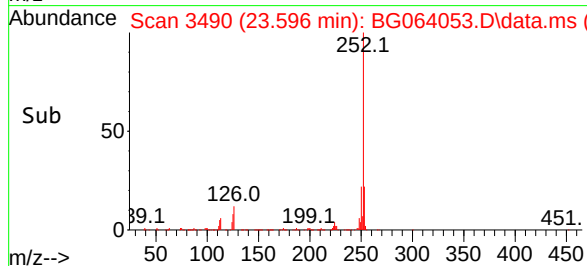
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030525



Tgt Ion:252 Resp: 620440  
Ion Ratio Lower Upper  
252 100  
253 22.1 16.8 25.2  
125 8.2 6.9 10.3

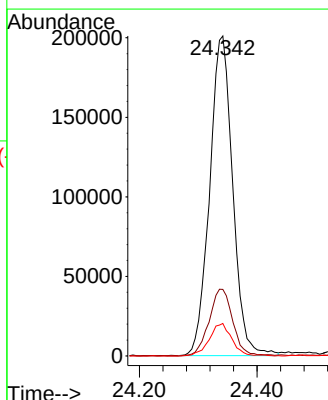
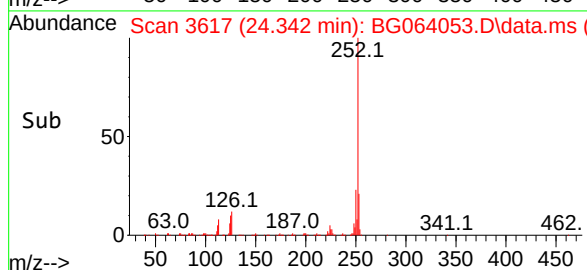
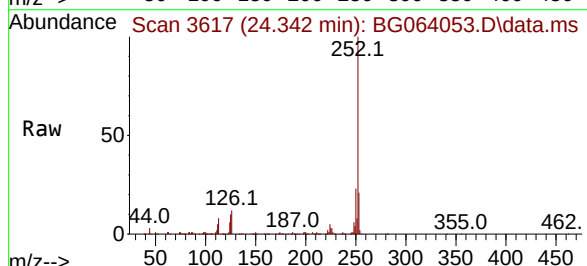
Manual Integrations  
APPROVED

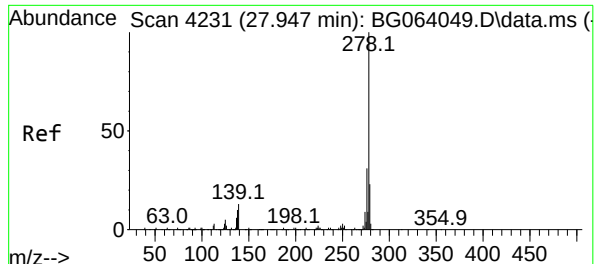
Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#90  
Benzo(a)pyrene  
Concen: 38.765 ng  
RT: 24.342 min Scan# 3617  
Delta R.T. 0.002 min  
Lab File: BG064053.D  
Acq: 5 Mar 2025 15:10

Tgt Ion:252 Resp: 546383  
Ion Ratio Lower Upper  
252 100  
253 20.8 16.2 24.2  
125 10.1 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 40.162 ng

RT: 27.949 min Scan# 4399

Delta R.T. 0.002 min

Lab File: BG064053.D

Acq: 5 Mar 2025 15:10

Instrument :

BNA\_G

ClientSampleId :

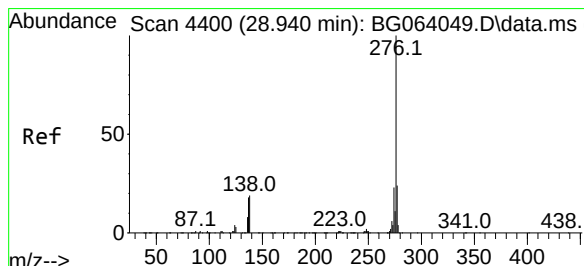
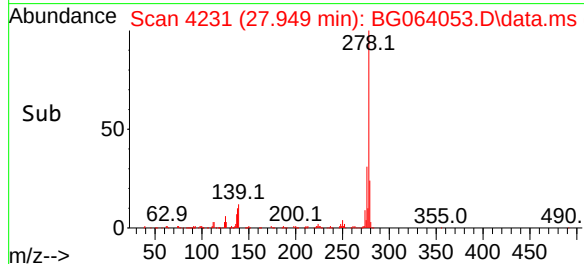
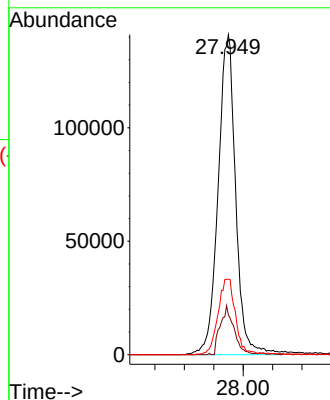
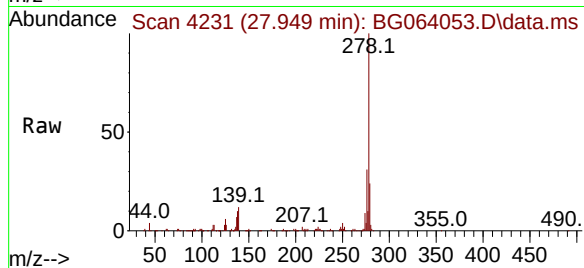
ICVBG030525

|             |                |
|-------------|----------------|
| Tgt Ion:278 | Resp: 583198   |
| Ion Ratio   | Lower Upper    |
| 278         | 100            |
| 139         | 12.5 10.2 15.2 |
| 279         | 23.6 18.1 27.1 |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025  
Supervised By :mohammad ahmed 03/07/2025



#92

Benzo(g,h,i)perylene

Concen: 39.740 ng

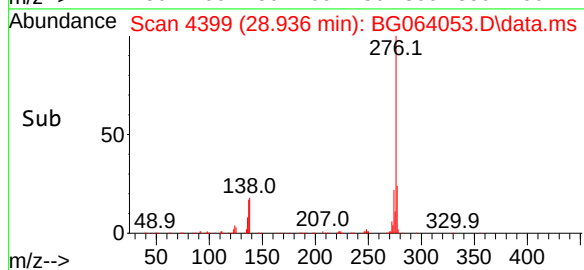
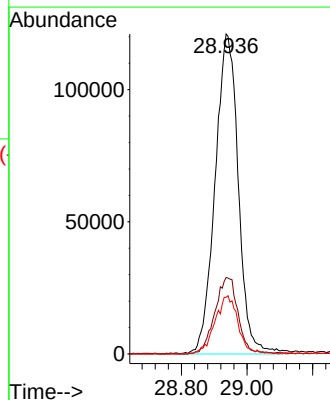
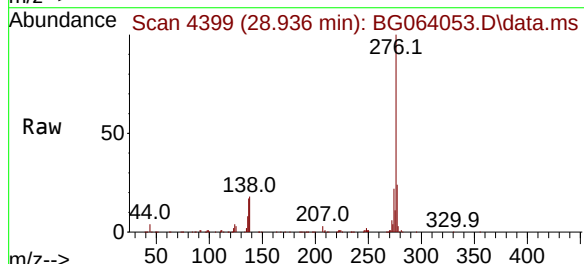
RT: 28.936 min Scan# 4399

Delta R.T. -0.004 min

Lab File: BG064053.D

Acq: 5 Mar 2025 15:10

|             |                |
|-------------|----------------|
| Tgt Ion:276 | Resp: 592494   |
| Ion Ratio   | Lower Upper    |
| 276         | 100            |
| 277         | 23.9 19.5 29.3 |
| 138         | 17.7 15.4 23.0 |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030525\  
 Data File : BG064053.D  
 Acq On : 5 Mar 2025 15:10  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG030525

Quant Time: Mar 05 15:42:26 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 05 15:39:19 2025  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                    | AvgRF | CCRF  | %Dev  | Area% | Dev(min) |
|------|-----------------------------|-------|-------|-------|-------|----------|
| 1 I  | 1,4-Dichlorobenzene-d4      | 1.000 | 1.000 | 0.0   | 97    | 0.00     |
| 2    | 1,4-Dioxane                 | 0.580 | 0.584 | -0.7  | 97    | 0.00     |
| 3    | Pyridine                    | 1.412 | 1.409 | 0.2   | 87    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 1.009 | 1.008 | 0.1   | 92    | 0.00     |
| 5 S  | 2-Fluorophenol              | 1.281 | 1.262 | 1.5   | 91    | 0.00     |
| 6    | Aniline                     | 1.710 | 1.605 | 6.1   | 86    | 0.00     |
| 7 S  | Phenol-d6                   | 1.742 | 1.644 | 5.6   | 86    | 0.00     |
| 8    | 2-Chlorophenol              | 1.376 | 1.321 | 4.0   | 89    | 0.00     |
| 9    | Benzaldehyde                | 1.013 | 0.965 | 4.7   | 93    | 0.00     |
| 10 C | Phenol                      | 1.784 | 1.731 | 3.0   | 89    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 1.399 | 1.288 | 7.9   | 88    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 1.511 | 1.393 | 7.8   | 88    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.548 | 1.420 | 8.3   | 87    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 1.493 | 1.370 | 8.2   | 88    | 0.00     |
| 15   | Benzyl Alcohol              | 1.346 | 1.280 | 4.9   | 87    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 3.145 | 2.873 | 8.6   | 85    | 0.00     |
| 17   | 2-Methylphenol              | 1.184 | 1.115 | 5.8   | 85    | 0.00     |
| 18   | Hexachloroethane            | 0.542 | 0.534 | 1.5   | 90    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 1.223 | 1.090 | 10.9  | 80    | 0.00     |
| 20   | 3+4-Methylphenols           | 1.630 | 1.515 | 7.1   | 86    | 0.00     |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0   | 87    | 0.00     |
| 22   | Acetophenone                | 0.548 | 0.539 | 1.6   | 83    | 0.00     |
| 23 S | Nitrobenzene-d5             | 0.362 | 0.381 | -5.2  | 86    | 0.00     |
| 24   | Nitrobenzene                | 0.374 | 0.395 | -5.6  | 86    | 0.00     |
| 25   | Isophorone                  | 0.724 | 0.685 | 5.4   | 80    | 0.00     |
| 26 C | 2-Nitrophenol               | 0.112 | 0.127 | -13.4 | 91    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.217 | 0.218 | -0.5  | 83    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 0.439 | 0.424 | 3.4   | 83    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 0.274 | 0.282 | -2.9  | 86    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 0.331 | 0.321 | 3.0   | 84    | 0.00     |
| 31   | Naphthalene                 | 1.078 | 1.062 | 1.5   | 86    | 0.00     |
| 32   | Benzoic acid                | 0.170 | 0.178 | -4.7  | 90    | -0.02    |
| 33   | 4-Chloroaniline             | 0.394 | 0.394 | 0.0   | 82    | 0.00     |
| 34 C | Hexachlorobutadiene         | 0.217 | 0.215 | 0.9   | 86    | 0.00     |
| 35   | Caprolactam                 | 0.105 | 0.111 | -5.7  | 87    | -0.02    |
| 36 C | 4-Chloro-3-methylphenol     | 0.359 | 0.356 | 0.8   | 83    | 0.00     |
| 37   | 2-Methylnaphthalene         | 0.761 | 0.732 | 3.8   | 84    | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.746 | 0.722 | 3.2   | 83    | 0.00     |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0   | 83    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.571 | 0.566 | 0.9   | 80    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.161 | 0.176 | -9.3  | 83    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 0.222 | 0.251 | -13.1 | 86    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 0.337 | 0.355 | -5.3  | 82    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 0.374 | 0.398 | -6.4  | 81    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 1.318 | 1.321 | -0.2  | 80    | 0.00     |
| 46   | 1,1'-Biphenyl               | 1.511 | 1.518 | -0.5  | 82    | 0.00     |
| 47   | 2-Chloronaphthalene         | 1.102 | 1.111 | -0.8  | 81    | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030525\  
 Data File : BG064053.D  
 Acq On : 5 Mar 2025 15:10  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG030525

Quant Time: Mar 05 15:42:26 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 05 15:39:19 2025  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                   | AvgRF | CCRF  | %Dev  | Area% | Dev(min) |
|------|----------------------------|-------|-------|-------|-------|----------|
| 48   | 2-Nitroaniline             | 0.318 | 0.367 | -15.4 | 87    | 0.00     |
| 49   | Acenaphthylene             | 1.743 | 1.767 | -1.4  | 82    | 0.00     |
| 50   | Dimethylphthalate          | 1.476 | 1.466 | 0.7   | 80    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 0.261 | 0.300 | -14.9 | 85    | 0.00     |
| 52 C | Acenaphthene               | 1.170 | 1.182 | -1.0  | 82    | 0.00     |
| 53   | 3-Nitroaniline             | 0.285 | 0.321 | -12.6 | 84    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 0.102 | 0.115 | -12.7 | 95    | 0.00     |
| 55   | Dibenzofuran               | 1.895 | 1.896 | -0.1  | 81    | 0.00     |
| 56 P | 4-Nitrophenol              | 0.239 | 0.284 | -18.8 | 91    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 0.357 | 0.428 | -19.9 | 88    | 0.00     |
| 58   | Fluorene                   | 1.476 | 1.491 | -1.0  | 83    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.365 | 0.392 | -7.4  | 82    | 0.00     |
| 60   | Diethylphthalate           | 1.603 | 1.651 | -3.0  | 82    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 0.733 | 0.722 | 1.5   | 81    | 0.00     |
| 62   | 4-Nitroaniline             | 0.308 | 0.351 | -14.0 | 84    | 0.00     |
| 63   | Azobenzene                 | 1.710 | 1.716 | -0.4  | 81    | 0.00     |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 84    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.076 | 0.082 | -7.9  | 93    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 0.566 | 0.555 | 1.9   | 80    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 0.205 | 0.204 | 0.5   | 81    | 0.00     |
| 68   | Hexachlorobenzene          | 0.229 | 0.221 | 3.5   | 81    | 0.00     |
| 69   | Atrazine                   | 0.167 | 0.161 | 3.6   | 84    | 0.00     |
| 70 C | Pentachlorophenol          | 0.142 | 0.153 | -7.7  | 86    | 0.00     |
| 71   | Phenanthrene               | 1.067 | 1.066 | 0.1   | 83    | 0.00     |
| 72   | Anthracene                 | 1.061 | 1.068 | -0.7  | 82    | 0.00     |
| 73   | Carbazole                  | 0.990 | 1.036 | -4.6  | 84    | 0.00     |
| 74   | Di-n-butylphthalate        | 1.166 | 1.303 | -11.7 | 87    | 0.00     |
| 75 C | Fluoranthene               | 1.286 | 1.355 | -5.4  | 86    | 0.00     |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 90    | 0.00     |
| 77   | Benzidine                  | 0.277 | 0.259 | 6.5   | 75    | 0.00     |
| 78   | Pyrene                     | 1.289 | 1.236 | 4.1   | 85    | 0.00     |
| 79 S | Terphenyl-d14              | 0.989 | 0.956 | 3.3   | 86    | 0.00     |
| 80   | Butylbenzylphthalate       | 0.423 | 0.485 | -14.7 | 94    | 0.00     |
| 81   | Benzo(a)anthracene         | 1.281 | 1.268 | 1.0   | 88    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 0.415 | 0.426 | -2.7  | 86    | 0.00     |
| 83   | Chrysene                   | 1.278 | 1.242 | 2.8   | 86    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 0.693 | 0.772 | -11.4 | 92    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 1.195 | 1.275 | -6.7  | 93    | 0.00     |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0   | 90    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.338 | 1.335 | 0.2   | 88    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 1.209 | 1.176 | 2.7   | 87    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 1.213 | 1.185 | 2.3   | 85    | 0.00     |
| 90 C | Benzo(a)pyrene             | 1.077 | 1.044 | 3.1   | 85    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 1.109 | 1.114 | -0.5  | 89    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 1.139 | 1.132 | 0.6   | 89    | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030525\  
Data File : BG064053.D  
Acq On : 5 Mar 2025 15:10  
Operator : RC/JU  
Sample : SSTDICV040  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030525

Quant Time: Mar 05 15:42:26 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Mar 05 15:39:19 2025  
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|----------|-------|------|------|-------|----------|
|----------|-------|------|------|-------|----------|

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030525\  
 Data File : BG064053.D  
 Acq On : 5 Mar 2025 15:10  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG030525

Quant Time: Mar 05 15:42:26 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 05 15:39:19 2025  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                    | Amount | Calc.  | %Dev  | Area% | Dev(min) |
|------|-----------------------------|--------|--------|-------|-------|----------|
| 1 I  | 1,4-Dichlorobenzene-d4      | 20.000 | 20.000 | 0.0   | 97    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 40.218 | -0.5  | 97    | 0.00     |
| 3    | Pyridine                    | 40.000 | 39.931 | 0.2   | 87    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 39.980 | 0.1   | 92    | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 78.823 | 1.5   | 91    | 0.00     |
| 6    | Aniline                     | 40.000 | 37.544 | 6.1   | 86    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 75.496 | 5.6   | 86    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 38.417 | 4.0   | 89    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 38.087 | 4.8   | 93    | 0.00     |
| 10 C | Phenol                      | 40.000 | 38.806 | 3.0   | 89    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 36.822 | 7.9   | 88    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 36.876 | 7.8   | 88    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 36.676 | 8.3   | 87    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 36.695 | 8.3   | 88    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 38.023 | 4.9   | 87    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 36.540 | 8.7   | 85    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 37.680 | 5.8   | 85    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 39.404 | 1.5   | 90    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 35.648 | 10.9  | 80    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 37.166 | 7.1   | 86    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 87    | 0.00     |
| 22   | Acetophenone                | 40.000 | 39.285 | 1.8   | 83    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 84.279 | -5.3  | 86    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 42.208 | -5.5  | 86    | 0.00     |
| 25   | Isophorone                  | 40.000 | 37.823 | 5.4   | 80    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 40.946 | -2.4  | 91    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 40.139 | -0.3  | 83    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 38.620 | 3.5   | 83    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 41.154 | -2.9  | 86    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 38.802 | 3.0   | 84    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 39.402 | 1.5   | 86    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 37.906 | 5.2   | 90    | -0.02    |
| 33   | 4-Chloroaniline             | 40.000 | 39.949 | 0.1   | 82    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 39.720 | 0.7   | 86    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 42.084 | -5.2  | 87    | -0.02    |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 39.649 | 0.9   | 83    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 38.463 | 3.8   | 84    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 38.724 | 3.2   | 83    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 83    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 39.630 | 0.9   | 80    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 43.873 | -9.7  | 83    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 90.311 | -12.9 | 86    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 42.165 | -5.4  | 82    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 42.561 | -6.4  | 81    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 80.186 | -0.2  | 80    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 40.196 | -0.5  | 82    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 40.309 | -0.8  | 81    | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030525\  
 Data File : BG064053.D  
 Acq On : 5 Mar 2025 15:10  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG030525

Quant Time: Mar 05 15:42:26 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 05 15:39:19 2025  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                   | Amount | Calc.  | %Dev  | Area% | Dev(min) |
|------|----------------------------|--------|--------|-------|-------|----------|
| 48   | 2-Nitroaniline             | 40.000 | 41.405 | -3.5  | 87    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 40.537 | -1.3  | 82    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 39.712 | 0.7   | 80    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 40.625 | -1.6  | 85    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 40.428 | -1.1  | 82    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 45.042 | -12.6 | 84    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 41.197 | -3.0  | 95    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 40.014 | -0.0  | 81    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 47.537 | -18.8 | 91    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 41.944 | -4.9  | 88    | 0.00     |
| 58   | Fluorene                   | 40.000 | 40.403 | -1.0  | 83    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 43.068 | -7.7  | 82    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 41.198 | -3.0  | 82    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 39.367 | 1.6   | 81    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 45.576 | -13.9 | 84    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 40.137 | -0.3  | 81    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 84    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 39.817 | 0.5   | 93    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 39.248 | 1.9   | 80    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 39.772 | 0.6   | 81    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 38.611 | 3.5   | 81    | 0.00     |
| 69   | Atrazine                   | 40.000 | 38.607 | 3.5   | 84    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 43.019 | -7.5  | 86    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 39.978 | 0.1   | 83    | 0.00     |
| 72   | Anthracene                 | 40.000 | 40.280 | -0.7  | 82    | 0.00     |
| 73   | Carbazole                  | 40.000 | 41.831 | -4.6  | 84    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 44.702 | -11.8 | 87    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 42.146 | -5.4  | 86    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 90    | 0.00     |
| 77   | Benzydine                  | 40.000 | 37.383 | 6.5   | 75    | 0.00     |
| 78   | Pyrene                     | 40.000 | 38.357 | 4.1   | 85    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 77.284 | 3.4   | 86    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 40.680 | -1.7  | 94    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 39.598 | 1.0   | 88    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 41.103 | -2.8  | 86    | 0.00     |
| 83   | Chrysene                   | 40.000 | 38.876 | 2.8   | 86    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 44.551 | -11.4 | 92    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 42.688 | -6.7  | 93    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 90    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 39.918 | 0.2   | 88    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 38.901 | 2.7   | 87    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 39.079 | 2.3   | 85    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 38.765 | 3.1   | 85    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 40.162 | -0.4  | 89    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 39.740 | 0.6   | 89    | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030525\  
Data File : BG064053.D  
Acq On : 5 Mar 2025 15:10  
Operator : RC/JU  
Sample : SSTDICV040  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030525

Quant Time: Mar 05 15:42:26 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Mar 05 15:39:19 2025  
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|----------|--------|-------|------|-------|----------|
|----------|--------|-------|------|-------|----------|

(#) = Out of Range                      SPCC's out = 0    CCC's out = 0

7C

## SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01  
 Lab Code: CHEM Case No.: Q1690 SAS No.: Q1690 SDG No.: Q1690  
 Instrument ID: BNA\_G Calibration Date/Time: 04/03/2025 13:04  
 Lab File ID: BG064164.D Init. Calib. Date(s): 03/05/2025 03/05/2025  
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:02 13:44  
 GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                    | RRF   | RRF040 | MIN<br>RRF | %D   | MAX%D |
|-----------------------------|-------|--------|------------|------|-------|
| 2-Fluorophenol              | 1.281 | 1.216  |            | -5.1 |       |
| Benzaldehyde                | 1.013 | 0.930  |            | -8.2 |       |
| Phenol-d6                   | 1.742 | 1.737  |            | -0.3 |       |
| Phenol                      | 1.784 | 1.707  |            | -4.3 | 20.0  |
| bis(2-Chloroethyl)ether     | 1.399 | 1.271  |            | -9.1 |       |
| 2-Chlorophenol              | 1.376 | 1.358  |            | -1.3 |       |
| 2-Methylphenol              | 1.184 | 1.221  |            | 3.1  |       |
| 2,2-oxybis(1-Chloropropane) | 3.145 | 2.896  |            | -7.9 |       |
| Acetophenone                | 0.548 | 0.522  |            | -4.7 |       |
| 3+4-Methylphenols           | 1.630 | 1.653  |            | 1.4  |       |
| n-Nitroso-di-n-propylamine  | 1.223 | 1.233  | 0.050      | 0.8  |       |
| Nitrobenzene-d5             | 0.362 | 0.386  |            | 6.6  |       |
| Hexachloroethane            | 0.542 | 0.568  |            | 4.8  |       |
| Nitrobenzene                | 0.374 | 0.395  |            | 5.6  |       |
| Isophorone                  | 0.724 | 0.678  |            | -6.4 |       |
| 2-Nitrophenol               | 0.112 | 0.158  |            | 41.1 | 20.0  |
| 2,4-Dimethylphenol          | 0.217 | 0.222  |            | 2.3  |       |
| bis(2-Chloroethoxy)methane  | 0.439 | 0.418  |            | -4.8 |       |
| 2,4-Dichlorophenol          | 0.274 | 0.292  |            | 6.6  | 20.0  |
| Naphthalene                 | 1.078 | 1.071  |            | -0.6 |       |
| 4-Chloroaniline             | 0.394 | 0.399  |            | 1.3  |       |
| Hexachlorobutadiene         | 0.217 | 0.220  |            | 1.4  | 20.0  |
| Caprolactam                 | 0.105 | 0.111  |            | 5.7  |       |
| 4-Chloro-3-methylphenol     | 0.359 | 0.397  |            | 10.6 | 20.0  |
| 2-Methylnaphthalene         | 0.761 | 0.798  |            | 4.9  |       |
| Hexachlorocyclopentadiene   | 0.161 | 0.224  | 0.050      | 39.1 |       |
| 2,4,6-Trichlorophenol       | 0.337 | 0.362  |            | 7.4  | 20.0  |
| 2-Fluorobiphenyl            | 1.318 | 1.287  |            | -2.4 |       |
| 2,4,5-Trichlorophenol       | 0.374 | 0.411  |            | 9.9  |       |
| 1,1-Biphenyl                | 1.511 | 1.451  |            | -4.0 |       |
| 2-Chloronaphthalene         | 1.102 | 1.045  |            | -5.2 |       |
| 2-Nitroaniline              | 0.318 | 0.396  |            | 24.5 |       |
| Dimethylphthalate           | 1.476 | 1.455  |            | -1.4 |       |
| Acenaphthylene              | 1.743 | 1.673  |            | -4.0 |       |
| 2,6-Dinitrotoluene          | 0.261 | 0.309  |            | 18.4 |       |
| 3-Nitroaniline              | 0.285 | 0.312  |            | 9.5  |       |
| Acenaphthene                | 1.170 | 1.118  |            | -4.4 | 20.0  |
| 2,4-Dinitrophenol           | 0.102 | 0.153  | 0.050      | 50.0 |       |
| 4-Nitrophenol               | 0.239 | 0.264  | 0.050      | 10.5 |       |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

7C

## SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1690 SAS No.: Q1690 SDG No.: Q1690

Instrument ID: BNA\_G Calibration Date/Time: 04/03/2025 13:04

Lab File ID: BG064164.D Init. Calib. Date(s): 03/05/2025 03/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:02 13:44

GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                   | RRF   | RRF040 | MIN<br>RRF | %D    | MAX%D |
|----------------------------|-------|--------|------------|-------|-------|
| Dibenzofuran               | 1.895 | 1.831  |            | -3.4  |       |
| 2,4-Dinitrotoluene         | 0.357 | 0.438  |            | 22.7  |       |
| Diethylphthalate           | 1.603 | 1.624  |            | 1.3   |       |
| 4-Chlorophenyl-phenylether | 0.733 | 0.722  |            | -1.5  |       |
| Fluorene                   | 1.476 | 1.455  |            | -1.4  |       |
| 4-Nitroaniline             | 0.308 | 0.341  |            | 10.7  |       |
| 4,6-Dinitro-2-methylphenol | 0.076 | 0.112  |            | 47.4  |       |
| n-Nitrosodiphenylamine     | 0.566 | 0.554  |            | -2.1  | 20.0  |
| 2,4,6-Tribromophenol       | 0.222 | 0.261  |            | 17.6  |       |
| 4-Bromophenyl-phenylether  | 0.205 | 0.211  |            | 2.9   |       |
| Hexachlorobenzene          | 0.229 | 0.230  |            | 0.4   |       |
| Atrazine                   | 0.167 | 0.145  |            | -13.2 |       |
| Pentachlorophenol          | 0.142 | 0.157  |            | 10.6  | 20.0  |
| Phenanthrene               | 1.067 | 1.041  |            | -2.4  |       |
| Anthracene                 | 1.061 | 1.047  |            | -1.3  |       |
| Carbazole                  | 0.990 | 0.973  |            | -1.7  |       |
| Di-n-butylphthalate        | 1.166 | 1.230  |            | 5.5   |       |
| Fluoranthene               | 1.286 | 1.246  |            | -3.1  | 20.0  |
| Pyrene                     | 1.289 | 1.273  |            | -1.2  |       |
| Terphenyl-d14              | 0.989 | 0.970  |            | -1.9  |       |
| Butylbenzylphthalate       | 0.423 | 0.546  |            | 29.1  |       |
| 3,3-Dichlorobenzidine      | 0.415 | 0.435  |            | 4.8   |       |
| Benzo (a) anthracene       | 1.281 | 1.251  |            | -2.3  |       |
| Chrysene                   | 1.278 | 1.204  |            | -5.8  |       |
| Bis(2-ethylhexyl)phthalate | 0.693 | 0.801  |            | 15.6  |       |
| Di-n-octyl phthalate       | 1.195 | 1.386  |            | 16.0  | 20.0  |
| Benzo (b) fluoranthene     | 1.209 | 1.209  |            | 0.0   |       |
| Benzo (k) fluoranthene     | 1.213 | 1.121  |            | -7.6  |       |
| Benzo (a) pyrene           | 1.077 | 1.056  |            | -2.0  | 20.0  |
| Indeno (1,2,3-cd) pyrene   | 1.338 | 1.318  |            | -1.5  |       |
| Dibenzo (a,h) anthracene   | 1.109 | 1.111  |            | 0.2   |       |
| Benzo (g,h,i) perylene     | 1.139 | 1.104  |            | -3.1  |       |
| 1,2,4,5-Tetrachlorobenzene | 0.571 | 0.557  |            | -2.5  |       |
| 1,4-Dioxane                | 0.580 | 0.514  |            | -11.4 | 20.0  |
| 2,3,4,6-Tetrachlorophenol  | 0.365 | 0.414  |            | 13.4  |       |

All other compounds must meet a minimum RRF of 0.010.



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040325\  
 Data File : BG064164.D  
 Acq On : 3 Apr 2025 13:04  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDCCC040

## Manual Integrations

## APPROVED

Reviewed By :Anahy Claudio 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025

Quant Time: Apr 03 13:40:21 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 05 15:39:19 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.856  | 152  | 32960    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.652 | 136  | 151982   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.483 | 164  | 113011   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.227 | 188  | 257861   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.457 | 240  | 259274   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.471 | 264  | 274699   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.447  | 112  | 160341   | 75.960 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.027  | 99   | 229007   | 79.749 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.013  | 82   | 234949   | 85.429 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.970 | 330  | 117878   | 93.837 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.108 | 172  | 581791   | 78.142 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.847 | 244  | 1005500  | 78.416 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.367  | 88   | 33853    | 35.387 | ng    | 98       |
| 3) Pyridine                   | 3.755  | 79   | 81588    | 35.068 | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.672  | 42   | 61558    | 37.032 | ng    | 90       |
| 6) Aniline                    | 7.192  | 93   | 104630   | 37.132 | ng    | 96       |
| 8) 2-Chlorophenol             | 7.427  | 128  | 89545    | 39.498 | ng    | 97       |
| 9) Benzaldehyde               | 7.004  | 77   | 61316    | 36.714 | ng    | 97       |
| 10) Phenol                    | 7.051  | 94   | 112526   | 38.273 | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.286  | 93   | 83800    | 36.356 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.750  | 146  | 94134    | 37.811 | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 7.897  | 146  | 95654    | 37.485 | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.214  | 146  | 94758    | 38.510 | ng    | 96       |
| 15) Benzyl Alcohol            | 8.097  | 79   | 95305    | 42.949 | ng    | 88       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.390  | 45   | 190880   | 36.829 | ng    | 99       |
| 17) 2-Methylphenol            | 8.296  | 107  | 80461    | 41.235 | ng    | 94       |
| 18) Hexachloroethane          | 8.937  | 117  | 37444    | 41.940 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 8.661  | 70   | 81288    | 40.336 | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.625  | 107  | 108970   | 40.565 | ng    | 93       |
| 22) Acetophenone              | 8.672  | 105  | 158820   | 38.113 | ng    | 99       |
| 24) Nitrobenzene              | 9.054  | 77   | 120042   | 42.235 | ng    | 97       |
| 25) Isophorone                | 9.577  | 82   | 206038   | 37.430 | ng    | # 97     |
| 26) 2-Nitrophenol             | 9.765  | 139  | 48005    | 48.689 | ng    | 91       |
| 27) 2,4-Dimethylphenol        | 9.824  | 122  | 67506    | 40.907 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.059 | 93   | 127095   | 38.083 | ng    | 96       |
| 29) 2,4-Dichlorophenol        | 10.294 | 162  | 88857    | 42.643 | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 10.511 | 180  | 98879    | 39.309 | ng    | 96       |
| 31) Naphthalene               | 10.699 | 128  | 325532   | 39.722 | ng    | 99       |
| 32) Benzoic acid              | 9.965  | 122  | 76750m   | 50.168 | ng    |          |
| 33) 4-Chloroaniline           | 10.799 | 127  | 121235   | 40.475 | ng    | 96       |
| 34) Hexachlorobutadiene       | 10.993 | 225  | 66897    | 40.574 | ng    | 99       |
| 35) Caprolactam               | 11.569 | 113  | 33826    | 42.361 | ng    | 89       |
| 36) 4-Chloro-3-methylphenol   | 11.927 | 107  | 120643   | 44.169 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.309 | 142  | 242629   | 41.937 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.527 | 142  | 238561   | 42.088 | ng    | 95       |
| 40) 1,2,4,5-Tetrachloroben... | 12.679 | 216  | 125862   | 39.010 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.662 | 237  | 50540    | 55.656 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.914 | 196  | 81723    | 42.978 | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040325\  
 Data File : BG064164.D  
 Acq On : 3 Apr 2025 13:04  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDCCC040

## Manual Integrations

## APPROVED

Reviewed By :Anahy Claudio 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025

Quant Time: Apr 03 13:40:21 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 05 15:39:19 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |                                |
|-------------------------------|--------|------|----------|--------|-------|----------|--------------------------------|
| 44) 2,4,5-Trichlorophenol     | 12.985 | 196  | 92850    | 43.945 | ng    | 97       | 04/04/2025                     |
| 46) 1,1'-Biphenyl             | 13.320 | 154  | 328066   | 38.424 | ng    | 99       | Supervised By :Jagrut Upadhyay |
| 47) 2-Chloronaphthalene       | 13.361 | 162  | 236288   | 37.945 | ng    | 95       |                                |
| 48) 2-Nitroaniline            | 13.561 | 65   | 89492    | 44.074 | ng    | 97       |                                |
| 49) Acenaphthylene            | 14.207 | 152  | 378041   | 38.382 | ng    | 100      |                                |
| 50) Dimethylphthalate         | 13.943 | 163  | 328899   | 39.426 | ng    | 100      |                                |
| 51) 2,6-Dinitrotoluene        | 14.060 | 165  | 69764    | 41.696 | ng    | 96       | 04/04/2025                     |
| 52) Acenaphthene              | 14.548 | 154  | 252698   | 38.229 | ng    | 97       |                                |
| 53) 3-Nitroaniline            | 14.383 | 138  | 70451    | 43.696 | ng    | 98       |                                |
| 54) 2,4-Dinitrophenol         | 14.589 | 184  | 34525    | 51.990 | ng    | # 85     |                                |
| 55) Dibenzofuran              | 14.883 | 168  | 413808   | 38.644 | ng    | 97       |                                |
| 56) 4-Nitrophenol             | 14.695 | 139  | 59592    | 44.070 | ng    | 90       |                                |
| 57) 2,4-Dinitrotoluene        | 14.847 | 165  | 98910    | 42.785 | ng    | # 95     |                                |
| 58) Fluorene                  | 15.535 | 166  | 328800   | 39.423 | ng    | 98       |                                |
| 59) 2,3,4,6-Tetrachlorophenol | 15.030 | 232  | 93492    | 45.389 | ng    | 97       |                                |
| 60) Diethylphthalate          | 15.312 | 149  | 367087   | 40.534 | ng    | 98       |                                |
| 61) 4-Chlorophenyl-phenyle... | 15.529 | 204  | 163185   | 39.373 | ng    | 93       |                                |
| 62) 4-Nitroaniline            | 15.547 | 138  | 77114    | 44.300 | ng    | 88       |                                |
| 63) Azobenzene                | 15.817 | 77   | 369721   | 38.258 | ng    | 99       |                                |
| 65) 4,6-Dinitro-2-methylph... | 15.611 | 198  | 57696    | 51.147 | ng    | 94       |                                |
| 66) n-Nitrosodiphenylamine    | 15.741 | 169  | 285532   | 39.119 | ng    | 95       |                                |
| 67) 4-Bromophenyl-phenylether | 16.422 | 248  | 108942   | 41.251 | ng    | 98       |                                |
| 68) Hexachlorobenzene         | 16.534 | 284  | 118452   | 40.062 | ng    | 96       |                                |
| 69) Atrazine                  | 16.686 | 200  | 74539    | 34.708 | ng    | 96       |                                |
| 70) Pentachlorophenol         | 16.874 | 266  | 80767    | 43.996 | ng    | 96       |                                |
| 71) Phenanthrene              | 17.268 | 178  | 536739   | 39.025 | ng    | 99       |                                |
| 72) Anthracene                | 17.356 | 178  | 539984   | 39.484 | ng    | 99       |                                |
| 73) Carbazole                 | 17.627 | 167  | 501891   | 39.306 | ng    | 99       |                                |
| 74) Di-n-butylphthalate       | 18.196 | 149  | 634185   | 42.194 | ng    | 100      |                                |
| 75) Fluoranthene              | 19.278 | 202  | 642628   | 38.757 | ng    | 97       |                                |
| 77) Benzidine                 | 19.460 | 184  | 181482   | 50.549 | ng    | 99       |                                |
| 78) Pyrene                    | 19.642 | 202  | 659960   | 39.487 | ng    | 99       |                                |
| 80) Butylbenzylphthalate      | 20.535 | 149  | 283271   | 45.382 | ng    | 98       |                                |
| 81) Benzo(a)anthracene        | 21.440 | 228  | 648901   | 39.071 | ng    | 99       |                                |
| 82) 3,3'-Dichlorobenzidine    | 21.363 | 252  | 225362   | 41.927 | ng    | 98       |                                |
| 83) Chrysene                  | 21.504 | 228  | 624492   | 37.700 | ng    | 99       |                                |
| 84) Bis(2-ethylhexyl)phtha... | 21.369 | 149  | 415542   | 46.263 | ng    | 99       |                                |
| 85) Di-n-octyl phthalate      | 22.509 | 149  | 718709   | 46.390 | ng    | 98       |                                |
| 87) Indeno(1,2,3-cd)pyrene    | 27.867 | 276  | 723995   | 39.391 | ng    | 98       |                                |
| 88) Benzo(b)fluoranthene      | 23.520 | 252  | 664324   | 40.004 | ng    | 99       |                                |
| 89) Benzo(k)fluoranthene      | 23.590 | 252  | 615757   | 36.961 | ng    | 99       |                                |
| 90) Benzo(a)pyrene            | 24.330 | 252  | 580328   | 39.239 | ng    | 98       |                                |
| 91) Dibenzo(a,h)anthracene    | 27.932 | 278  | 610274   | 40.051 | ng    | 99       |                                |
| 92) Benzo(g,h,i)perylene      | 28.931 | 276  | 606526   | 38.770 | ng    | 94       |                                |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040325\  
 Data File : BG064164.D  
 Acq On : 3 Apr 2025 13:04  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDCCC040

## Manual Integrations

## APPROVED

Reviewed By :Anahy Claudio 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025

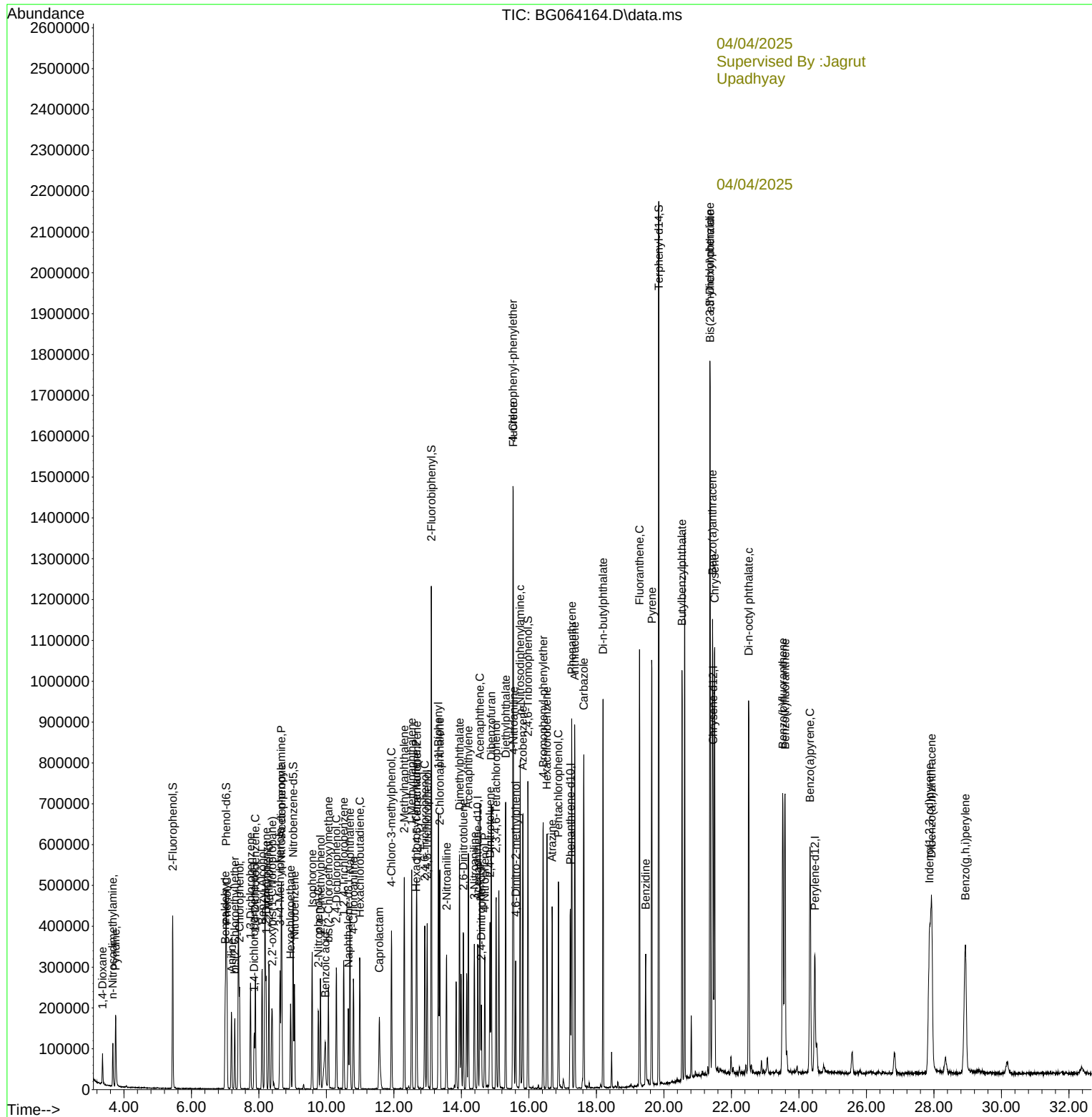
Quant Time: Apr 03 13:40:21 2025

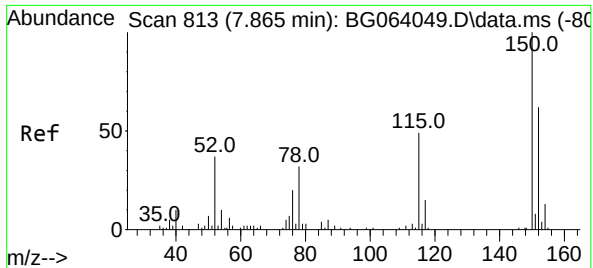
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 05 15:39:19 2025

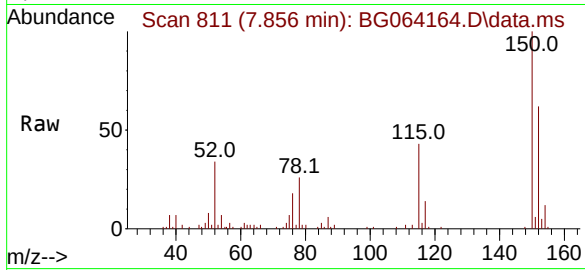
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.856 min Scan# 81  
Delta R.T. -0.009 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

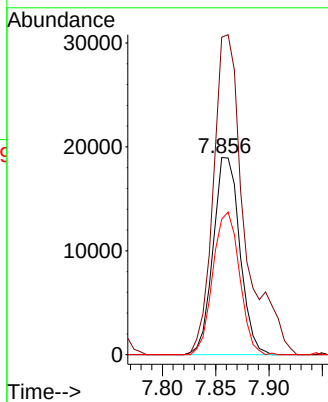
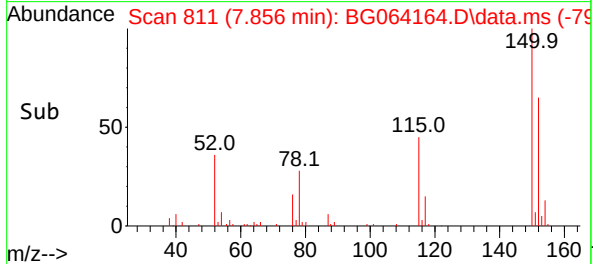
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:152 Resp: 32960  
Ion Ratio Lower Upper  
152 100  
150 161.1 129.2 193.8  
115 68.8 63.0 94.6

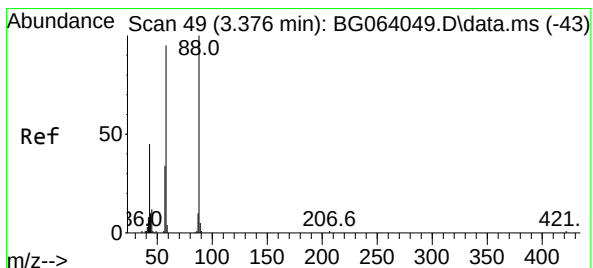
Manual Integrations  
APPROVED

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Supervised By :Jagrut Upadhyay 04/04/2025



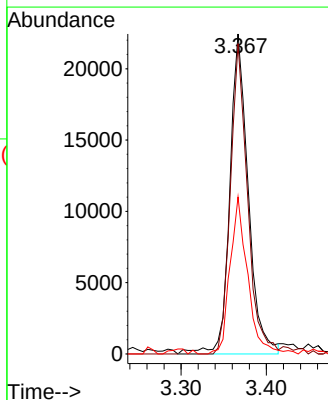
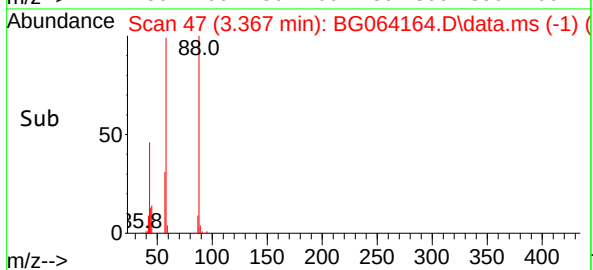
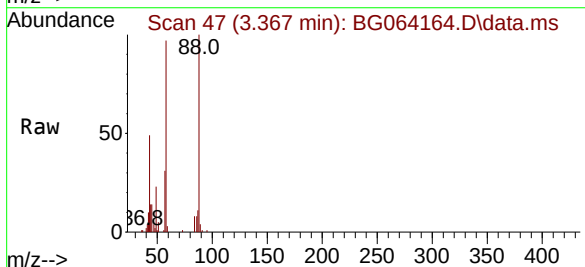
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Upadhyay

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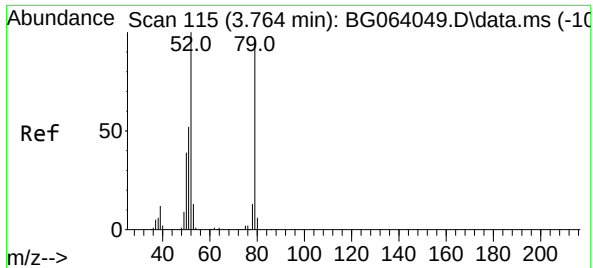


#2  
1,4-Dioxane  
Concen: 35.387 ng  
RT: 3.367 min Scan# 47  
Delta R.T. -0.009 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

Tgt Ion: 88 Resp: 33853  
Ion Ratio Lower Upper  
88 100  
58 91.7 74.6 111.8  
43 47.0 35.5 53.3

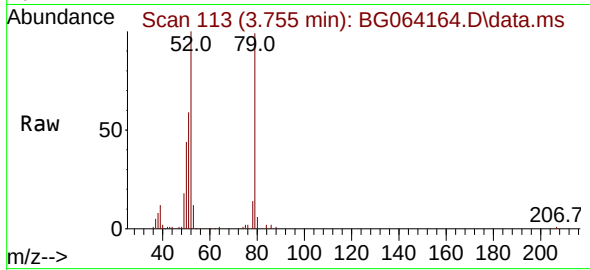






#3  
Pyridine  
Concen: 35.068 ng  
RT: 3.755 min Scan# 115  
Delta R.T. -0.009 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

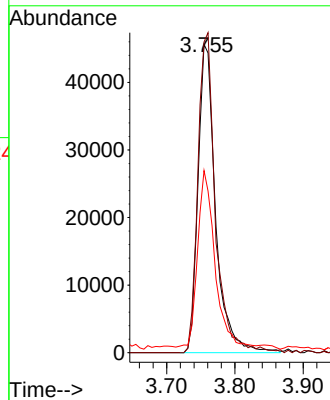
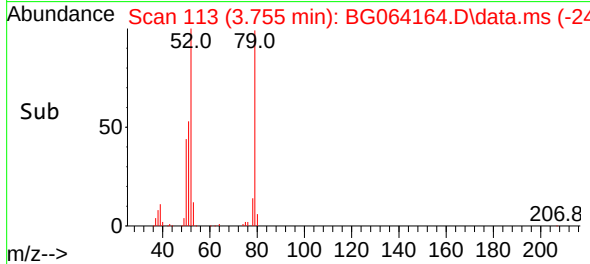
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 79 Resp: 8158  
Ion Ratio Lower Upper  
79 100  
52 100.7 83.0 124.6  
51 59.1 44.3 66.5

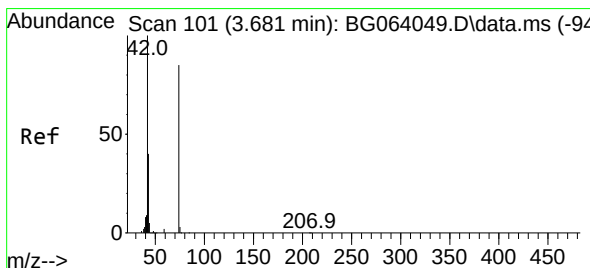
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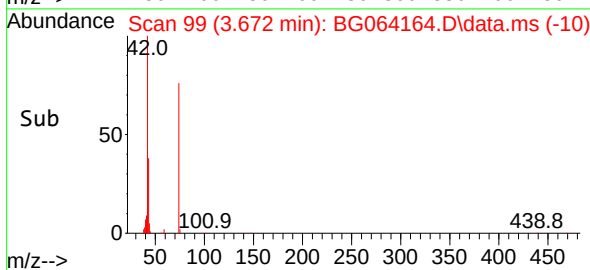
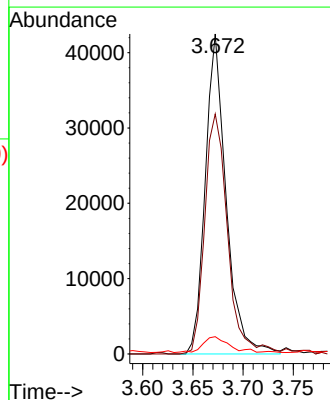
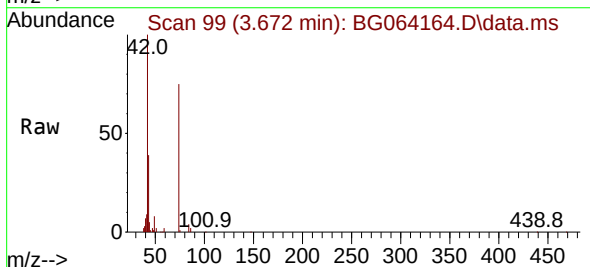
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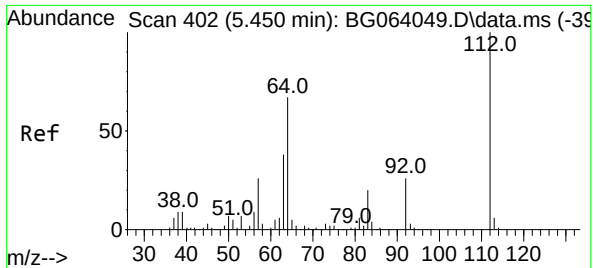
04/04/2025



#4  
n-Nitrosodimethylamine  
Concen: 37.032 ng  
RT: 3.672 min Scan# 99  
Delta R.T. -0.009 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

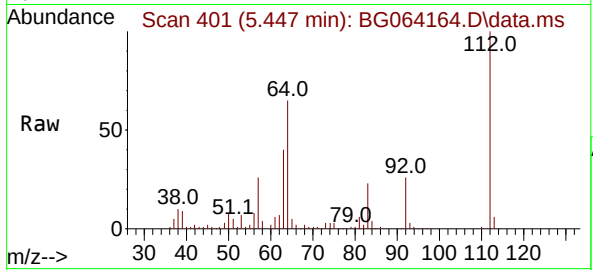
Tgt Ion: 42 Resp: 61558  
Ion Ratio Lower Upper  
42 100  
74 75.0 68.0 102.0  
44 5.4 4.9 7.3





#5  
2-Fluorophenol  
Concen: 75.960 ng  
RT: 5.447 min Scan# 401  
Delta R.T. -0.003 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

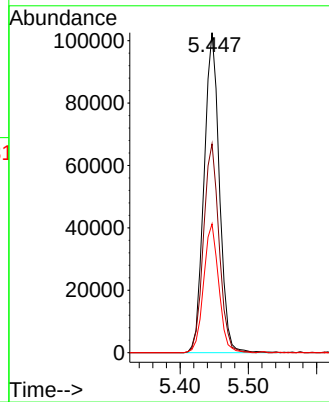
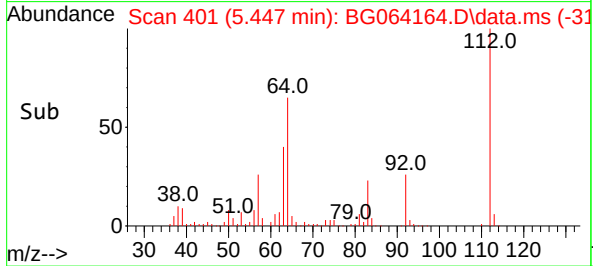
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 112 Resp: 16034  
Ion Ratio Lower Upper  
112 100  
64 65.2 53.7 80.5  
63 40.3 30.2 45.4

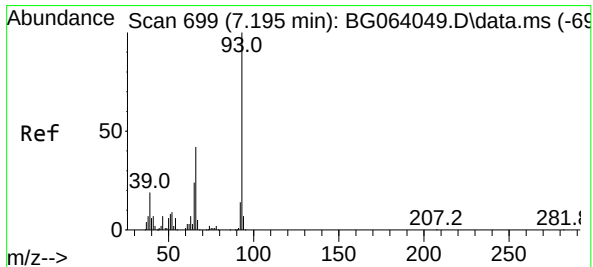
Manual Integrations  
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Supervised By :Jagrut Upadhyay 04/04/2025



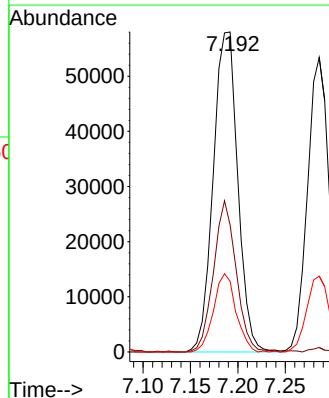
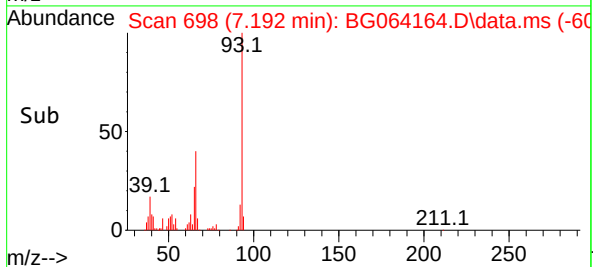
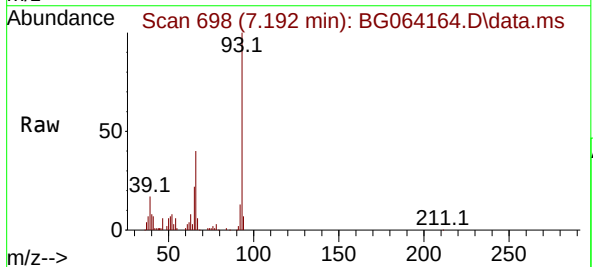
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Upadhyay

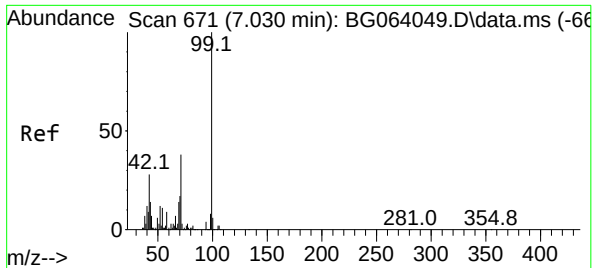
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#6  
Aniline  
Concen: 37.132 ng  
RT: 7.192 min Scan# 698  
Delta R.T. -0.003 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

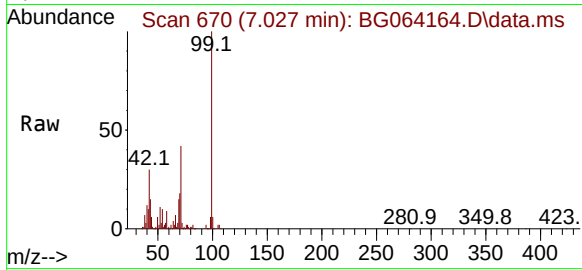
Tgt Ion: 93 Resp: 104630  
Ion Ratio Lower Upper  
93 100  
66 39.7 33.7 50.5  
65 22.1 19.1 28.7





#7  
Phenol-d6  
Concen: 79.749 ng  
RT: 7.027 min Scan# 671  
Delta R.T. -0.003 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

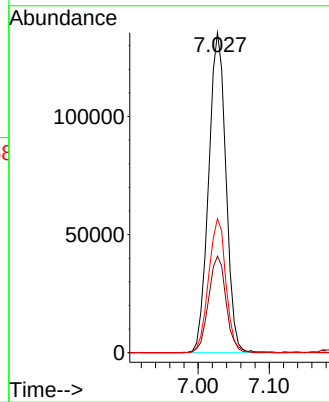
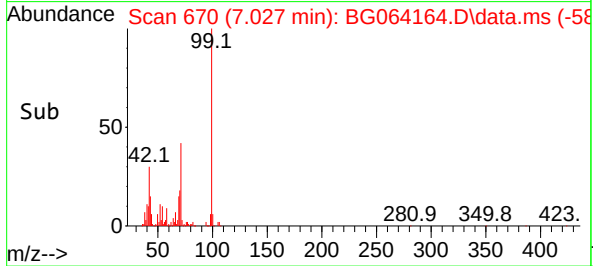
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 99 Resp: 22900  
Ion Ratio Lower Upper  
99 100  
42 30.2 22.7 34.1  
71 41.9 30.6 46.0

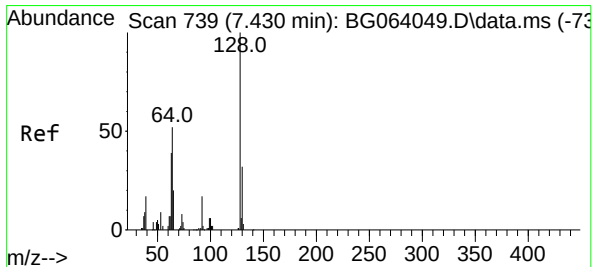
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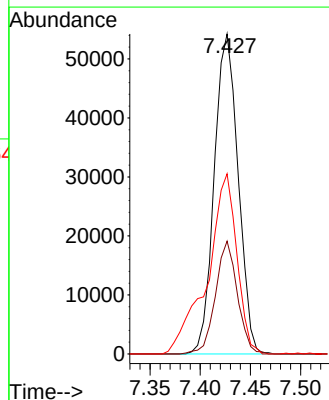
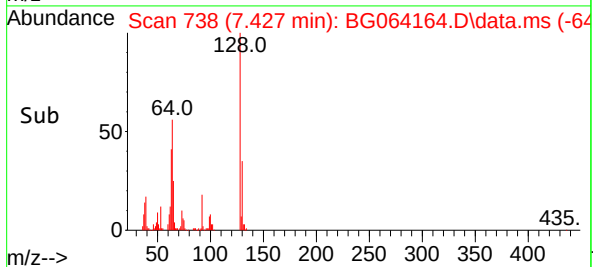
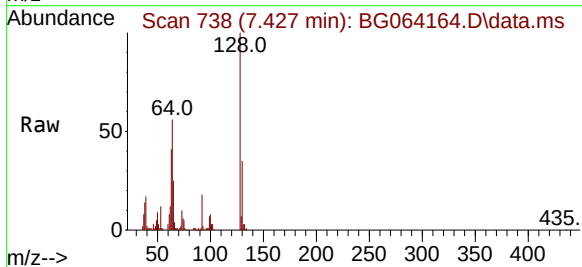
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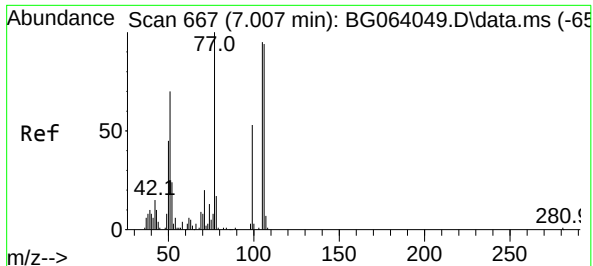
04/04/2025



#8  
2-Chlorophenol  
Concen: 39.498 ng  
RT: 7.427 min Scan# 738  
Delta R.T. -0.003 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

Tgt Ion:128 Resp: 89545  
Ion Ratio Lower Upper  
128 100  
130 35.3 12.3 52.3  
64 56.3 37.0 77.0





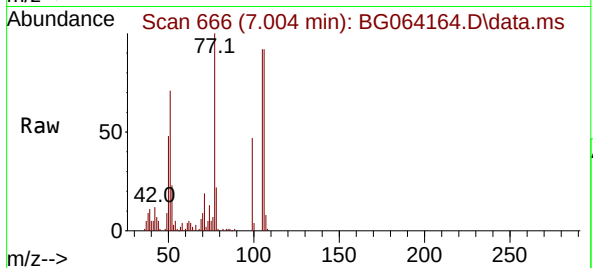
#9  
Benzaldehyde  
Concen: 36.714 ng  
RT: 7.004 min Scan# 60  
Delta R.T. -0.003 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

Instrument :

BNA\_G

ClientSampleId :

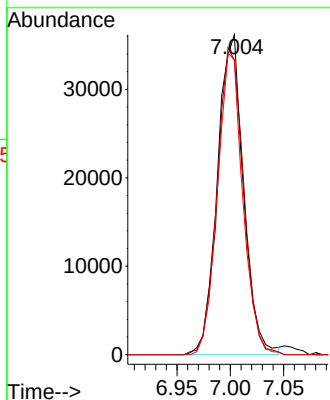
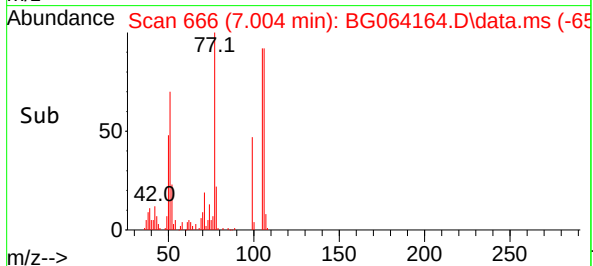
SSTDCCC040



Tgt Ion: 77 Resp: 61310  
Ion Ratio Lower Upper  
77 100  
105 92.0 75.5 115.5  
106 92.0 74.2 114.2

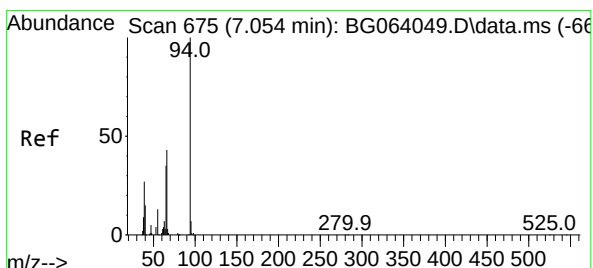
Manual Integrations  
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Supervised By :Jagrut Upadhyay 04/04/2025

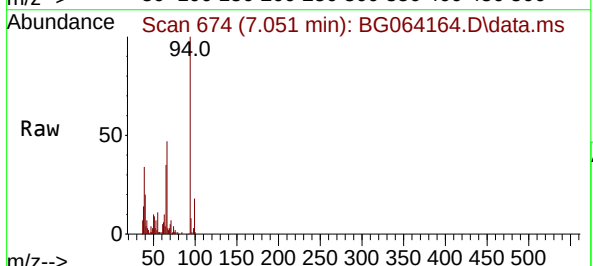


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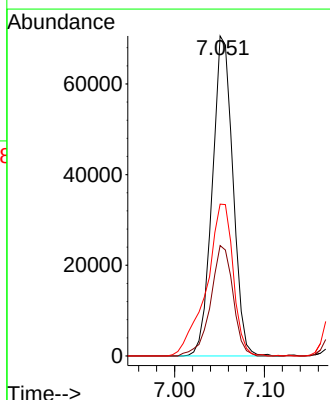
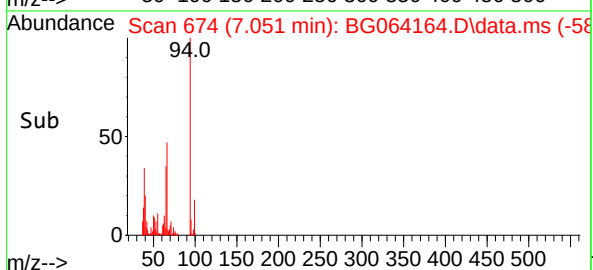
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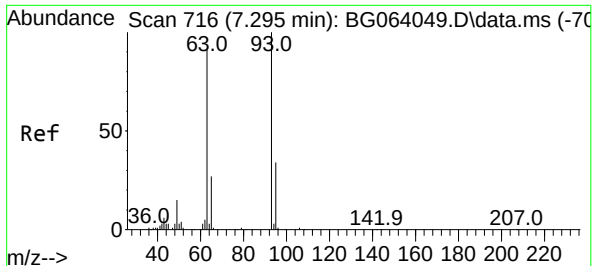


#10  
Phenol  
Concen: 38.273 ng  
RT: 7.051 min Scan# 674  
Delta R.T. -0.003 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04



Tgt Ion: 94 Resp: 112526  
Ion Ratio Lower Upper  
94 100  
65 34.5 15.2 55.2  
66 47.5 25.1 65.1





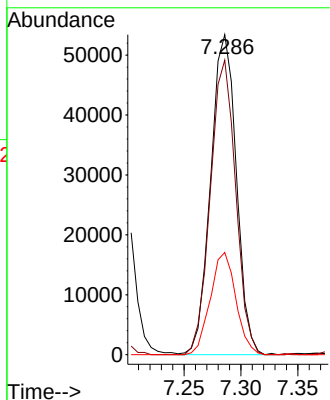
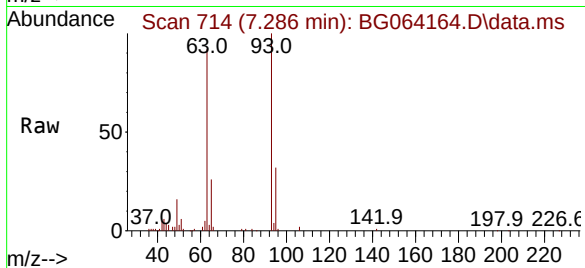
#11  
bis(2-Chloroethyl)ether  
Concen: 36.356 ng  
RT: 7.286 min Scan# 714  
Delta R.T. -0.009 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 93 Resp: 83800  
Ion Ratio Lower Upper  
93 100  
63 92.1 70.0 110.0  
95 32.0 13.7 53.7

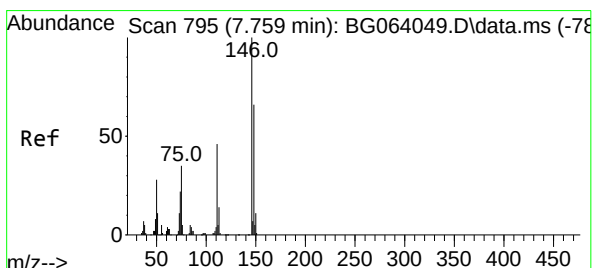
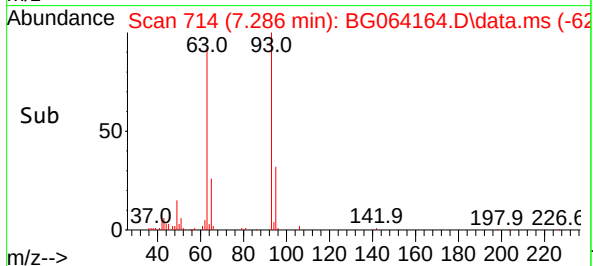
Manual Integrations  
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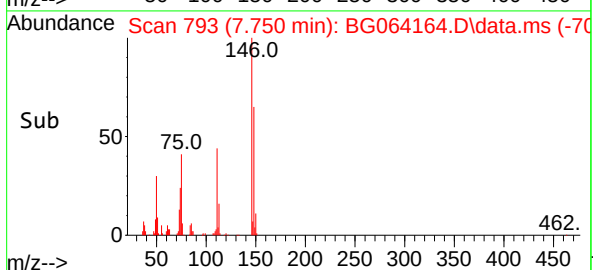
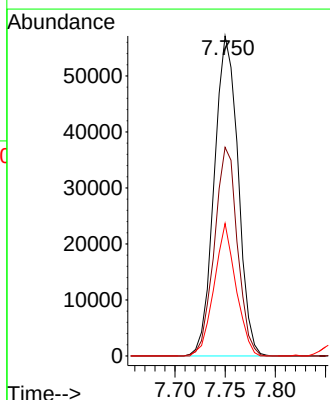
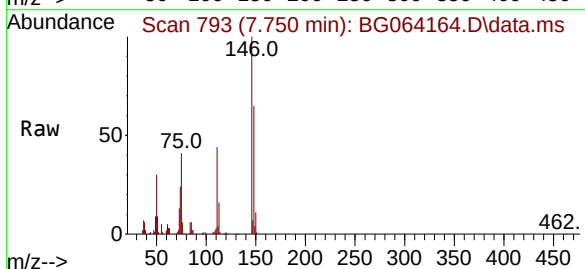
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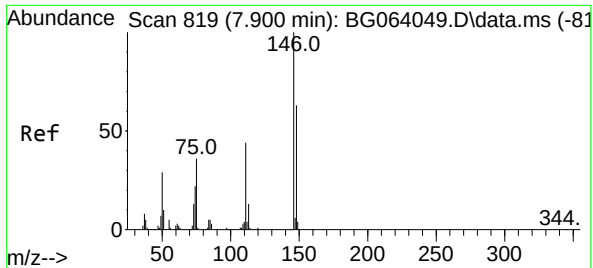
04/04/2025



#12  
1,3-Dichlorobenzene  
Concen: 37.811 ng  
RT: 7.750 min Scan# 793  
Delta R.T. -0.009 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

Tgt Ion:146 Resp: 94134  
Ion Ratio Lower Upper  
146 100  
148 65.2 52.6 78.8  
75 41.4 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 37.485 ng

RT: 7.897 min Scan# 819

Delta R.T. -0.003 min

Lab File: BG064164.D

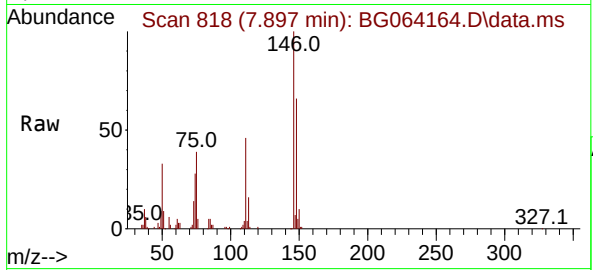
Acq: 3 Apr 2025 13:04

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040



Tgt Ion:146 Resp: 95654

Ion Ratio Lower Upper

146 100

148 65.8 50.6 75.8

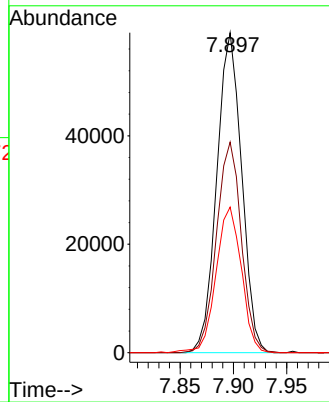
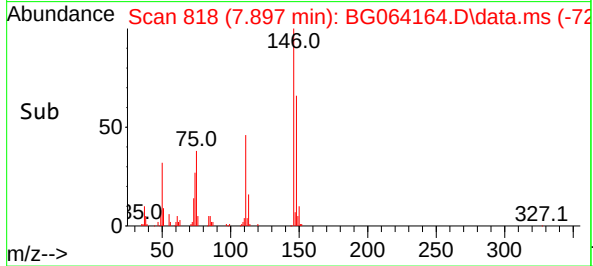
111 45.5 35.1 52.7

Manual Integrations

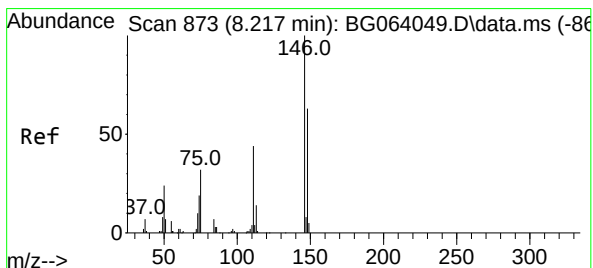
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Supervised By :Jagrut Upadhyay 04/04/2025

04/04/2025  
Supervised By :Jagrut  
Upadhyay

04/04/2025



#14

1,2-Dichlorobenzene

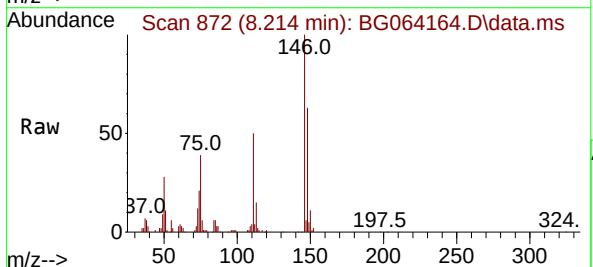
Concen: 38.510 ng

RT: 8.214 min Scan# 872

Delta R.T. -0.003 min

Lab File: BG064164.D

Acq: 3 Apr 2025 13:04



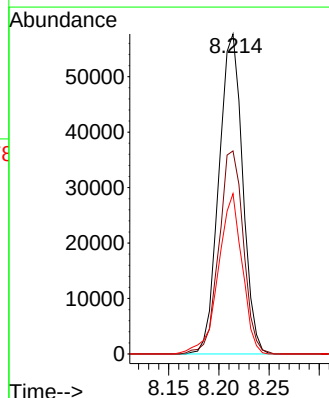
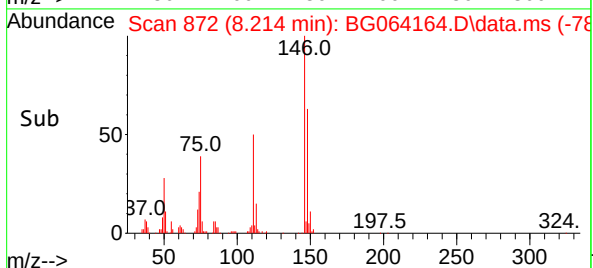
Tgt Ion:146 Resp: 94758

Ion Ratio Lower Upper

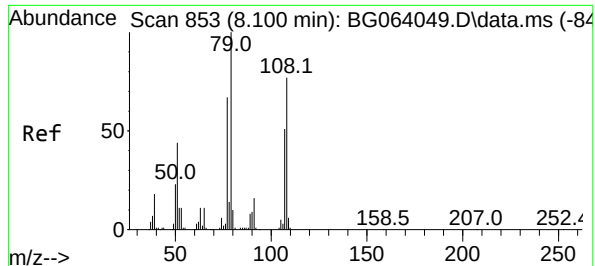
146 100

148 63.5 50.2 75.2

111 50.1 36.4 54.6







#15

Benzyl Alcohol

Concen: 42.949 ng

RT: 8.097 min Scan# 81

Delta R.T. -0.003 min

Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 9530

Ion Ratio Lower Upper

79 100

108 64.2 61.7 92.5

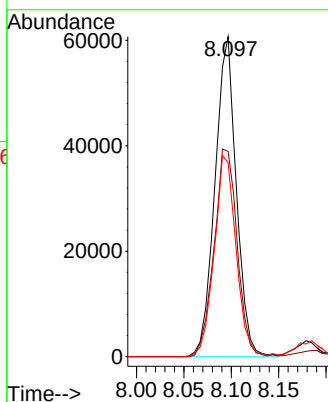
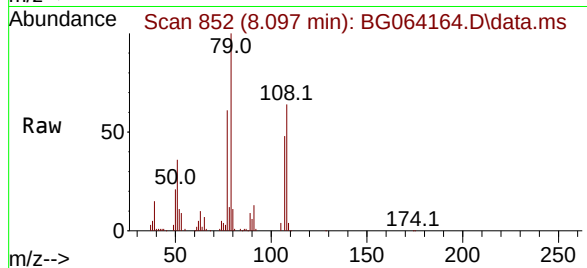
77 60.6 53.9 80.9

Manual Integrations

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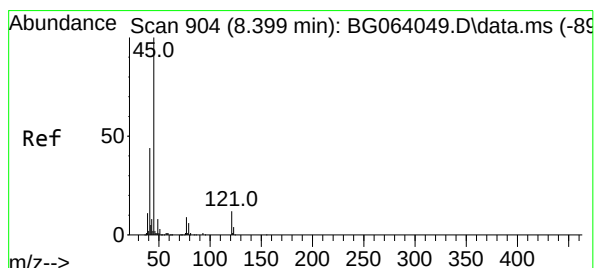
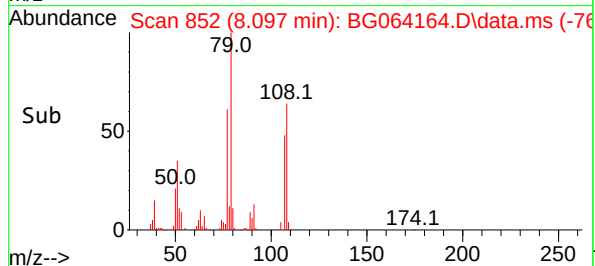
Reviewed By :Anahy Claudio 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



04/04/2025  
Supervised By :Jagrut  
Upadhyay

04/04/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.829 ng

RT: 8.390 min Scan# 902

Delta R.T. -0.009 min

Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

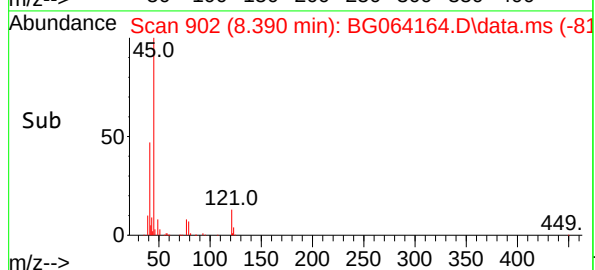
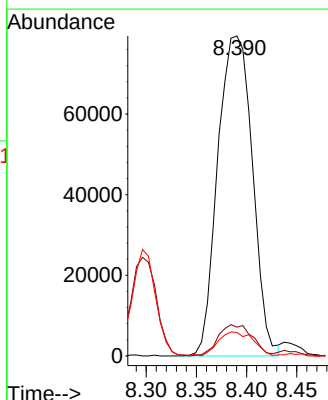
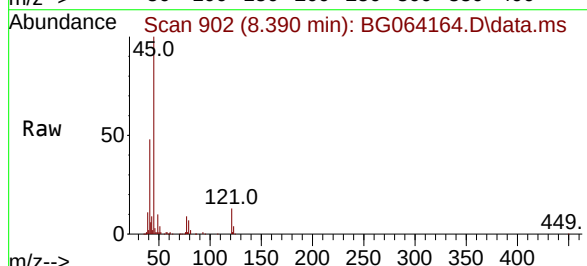
Tgt Ion: 45 Resp: 190880

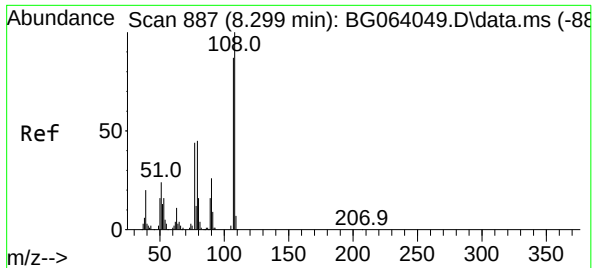
Ion Ratio Lower Upper

45 100

77 9.0 0.0 29.0

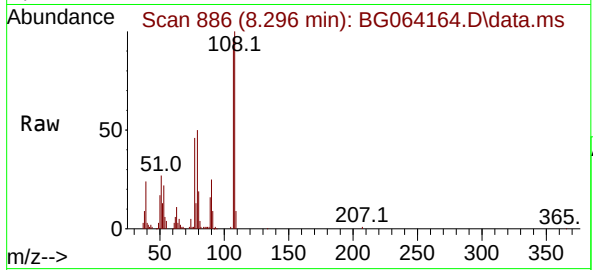
79 7.4 0.0 26.6





#17  
2-Methylphenol  
Concen: 41.235 ng  
RT: 8.296 min Scan# 8046  
Delta R.T. -0.003 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

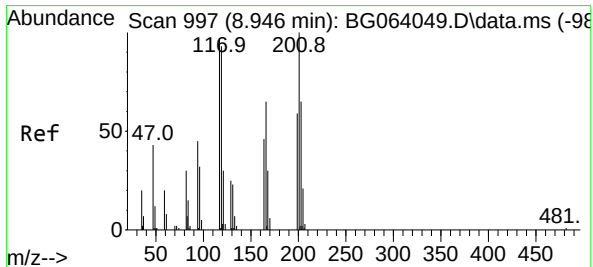
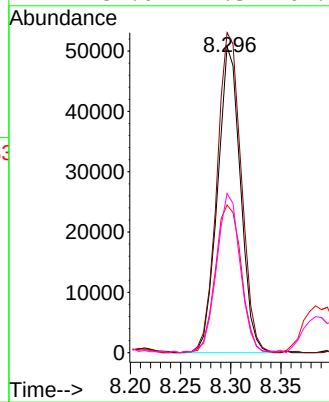
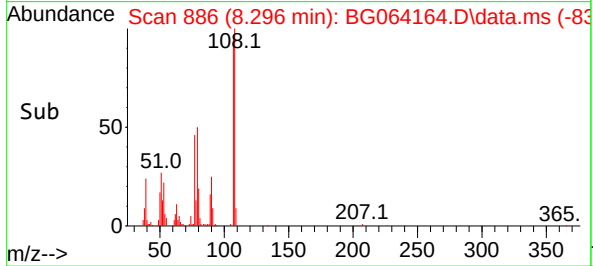
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:107 Resp: 8046  
Ion Ratio Lower Upper  
107 100  
108 104.5 92.5 138.7  
77 48.2 40.5 60.7  
79 52.0 41.3 61.9

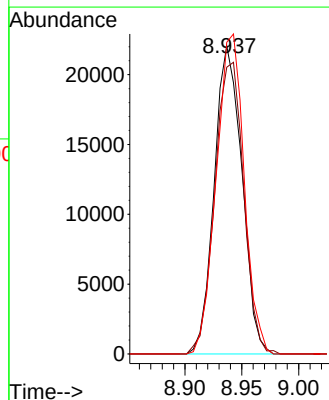
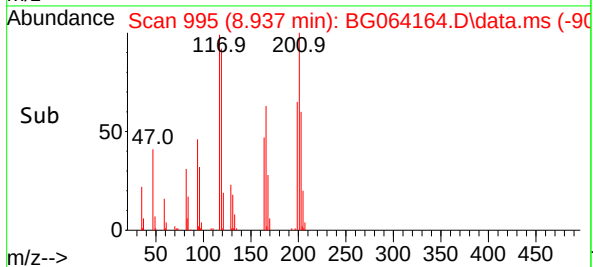
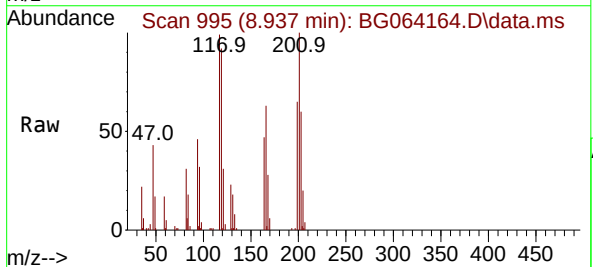
Manual Integrations  
APPROVED

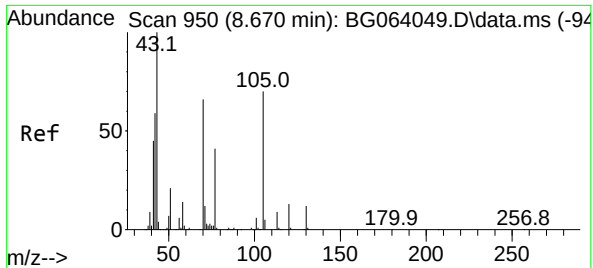
Reviewed By :Anahy Claudio 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#18  
Hexachloroethane  
Concen: 41.940 ng  
RT: 8.937 min Scan# 995  
Delta R.T. -0.009 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

Tgt Ion:117 Resp: 37444  
Ion Ratio Lower Upper  
117 100  
119 94.5 76.2 114.2  
201 101.1 81.5 122.3





#19

n-Nitroso-di-n-propylamine

Concen: 40.336 ng

RT: 8.661 min Scan# 94

Delta R.T. -0.009 min

Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 8128

Ion Ratio Lower Upper

70 100

42 90.7 72.1 108.1

101 10.6 7.2 10.8

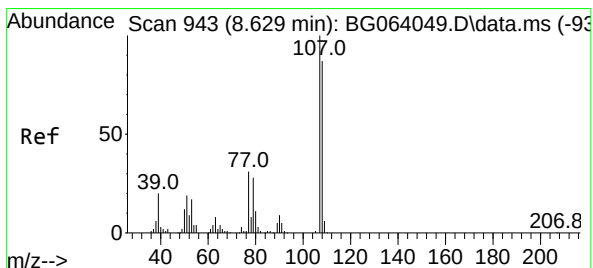
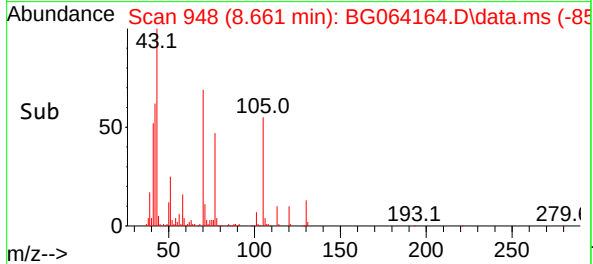
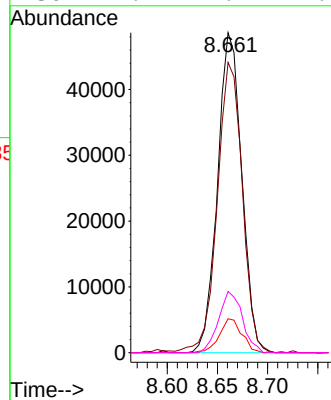
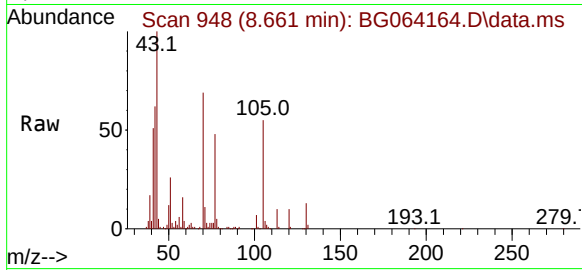
130 19.1 14.7 22.1

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#20

3+4-Methylphenols

Concen: 40.565 ng

RT: 8.625 min Scan# 942

Delta R.T. -0.003 min

Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

Tgt Ion:107 Resp: 108970

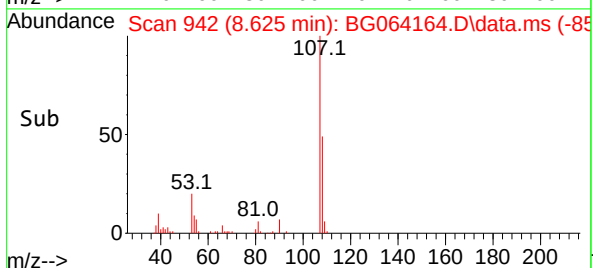
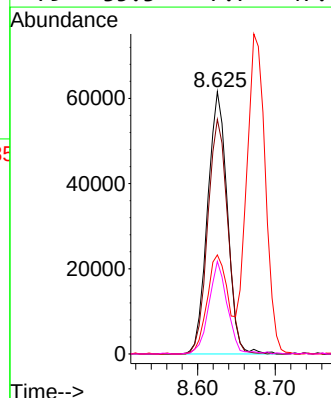
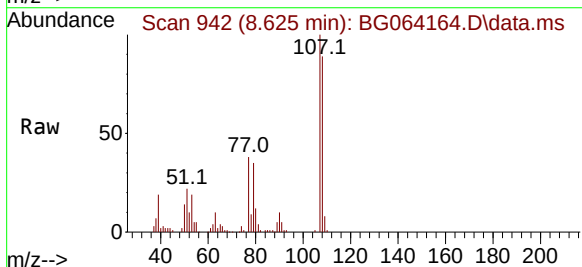
Ion Ratio Lower Upper

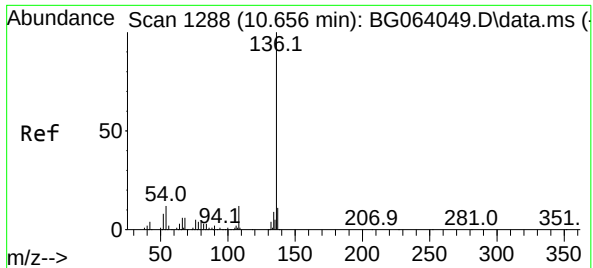
107 100

108 89.5 67.0 107.0

77 37.8 11.2 51.2

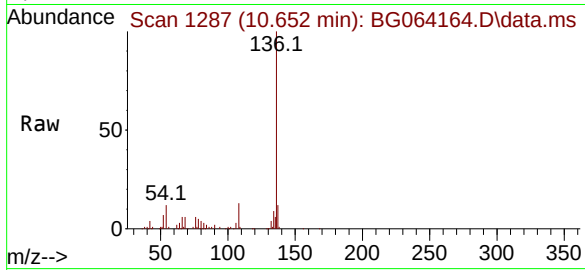
79 35.3 7.7 47.7





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.652 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

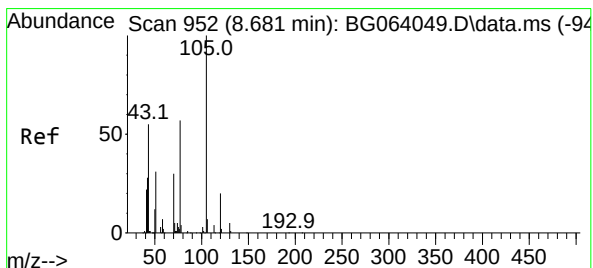
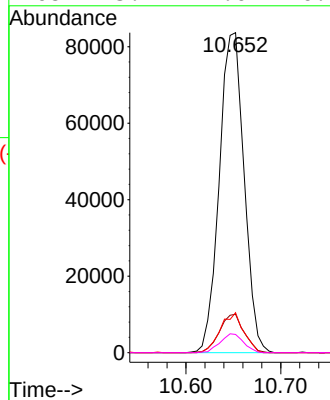
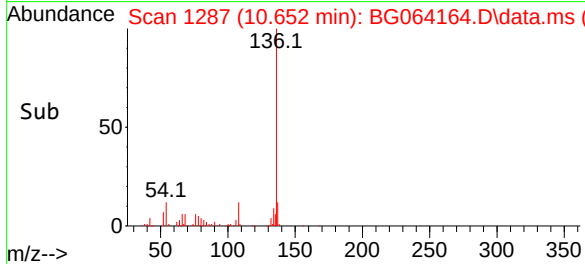
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:136 Resp: 151982  
Ion Ratio Lower Upper  
136 100  
137 12.0 8.5 12.7  
54 12.5 9.9 14.9  
68 5.7 4.6 6.8

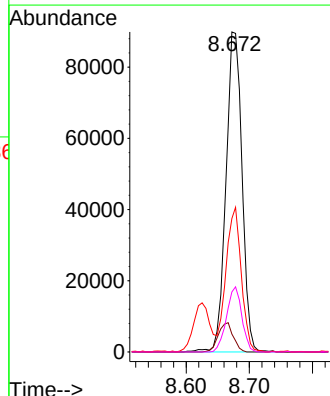
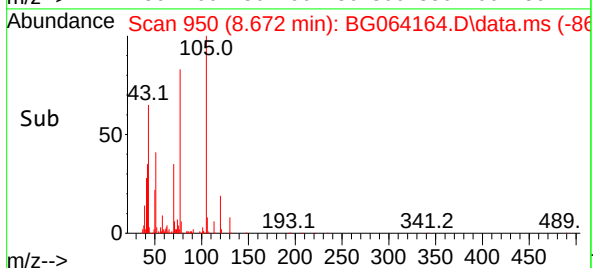
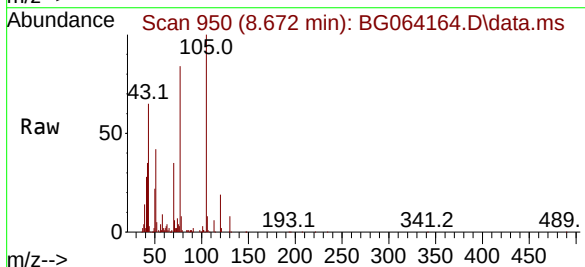
Manual Integrations  
APPROVED

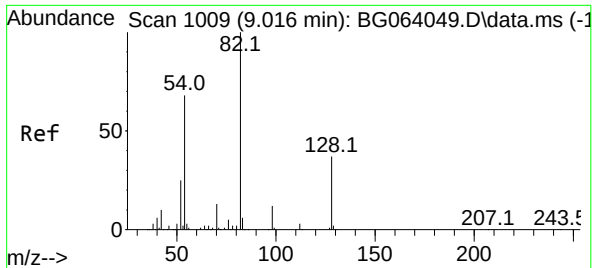
Reviewed By :Anahy Claudio 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#22  
Acetophenone  
Concen: 38.113 ng  
RT: 8.672 min Scan# 950  
Delta R.T. -0.009 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

Tgt Ion:105 Resp: 158820  
Ion Ratio Lower Upper  
105 100  
71 5.6 4.2 6.4  
51 41.7 33.3 49.9  
120 18.7 15.9 23.9





#23

Nitrobenzene-d5

Concen: 85.429 ng

RT: 9.013 min Scan# 1008

Delta R.T. -0.003 min

Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 234949

Ion Ratio Lower Upper

82 100

128 38.7 30.0 45.0

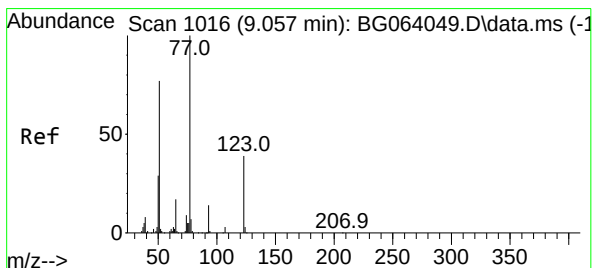
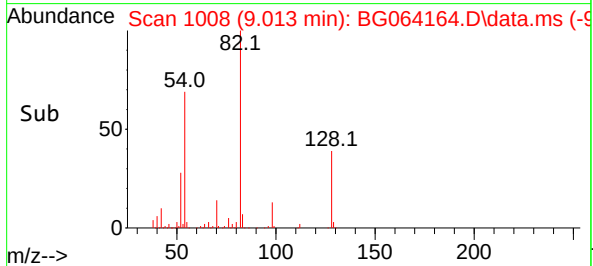
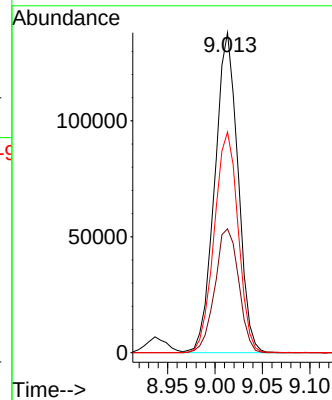
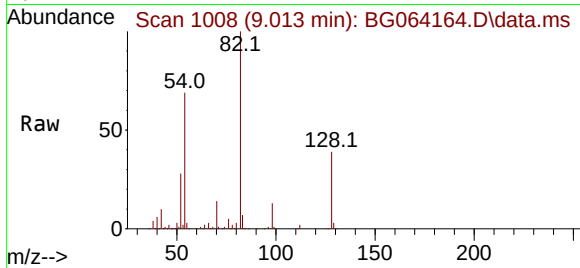
54 69.0 54.7 82.1

Manual Integrations

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Reviewed By :Anahy Claudio 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#24

Nitrobenzene

Concen: 42.235 ng

RT: 9.054 min Scan# 1015

Delta R.T. -0.003 min

Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

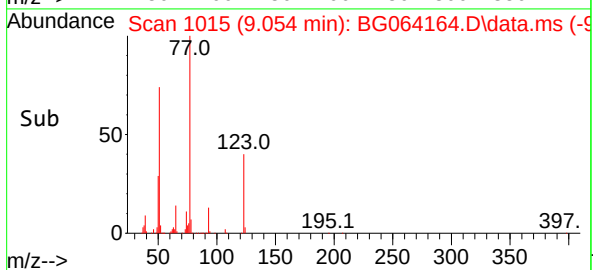
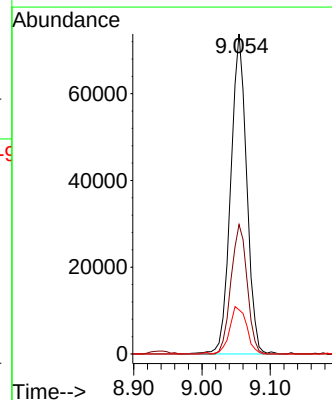
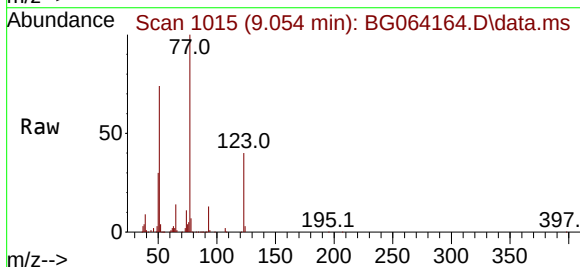
Tgt Ion: 77 Resp: 120042

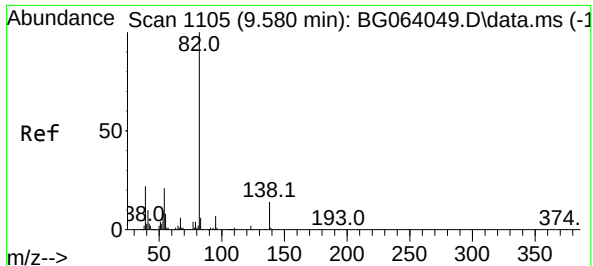
Ion Ratio Lower Upper

77 100

123 40.5 31.4 47.2

65 13.8 13.4 20.0





#25

Isophorone

Concen: 37.430 ng

RT: 9.577 min Scan# 1104

Delta R.T. -0.003 min

Lab File: BG064164.D

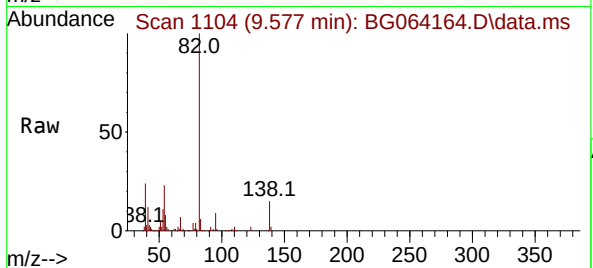
Acq: 3 Apr 2025 13:04

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040



Tgt Ion: 82 Resp: 206038

Ion Ratio Lower Upper

82 100

95 8.8 5.8 8.8

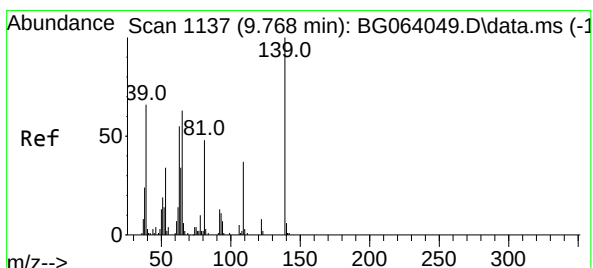
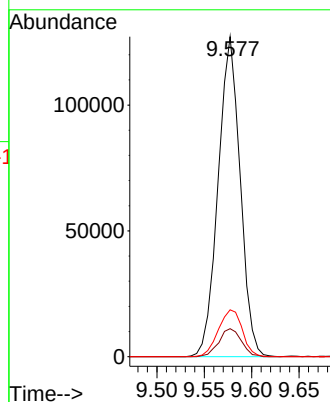
138 14.6 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#26

2-Nitrophenol

Concen: 48.689 ng

RT: 9.765 min Scan# 1136

Delta R.T. -0.003 min

Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

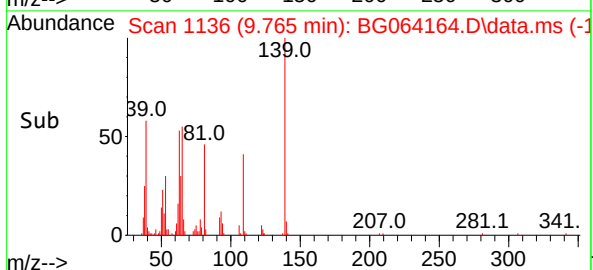
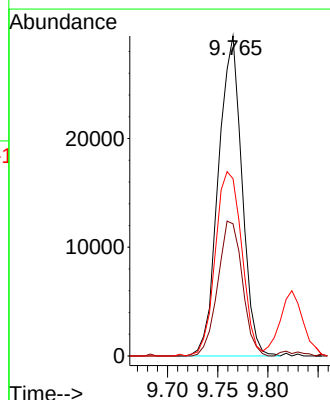
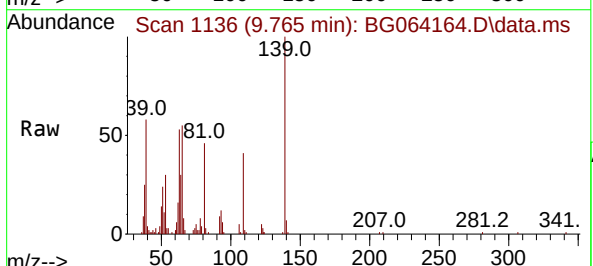
Tgt Ion:139 Resp: 48005

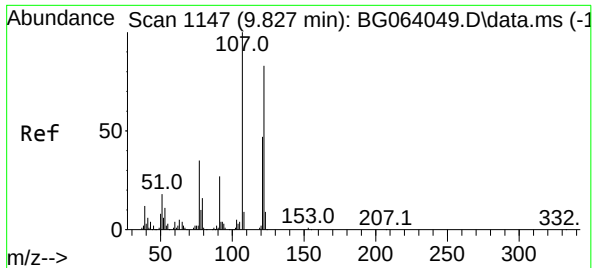
Ion Ratio Lower Upper

139 100

109 41.3 29.9 44.9

65 55.4 50.6 76.0





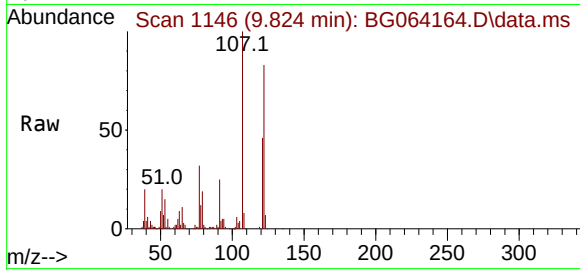
#27  
2,4-Dimethylphenol  
Concen: 40.907 ng  
RT: 9.824 min Scan# 1146  
Delta R.T. -0.003 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

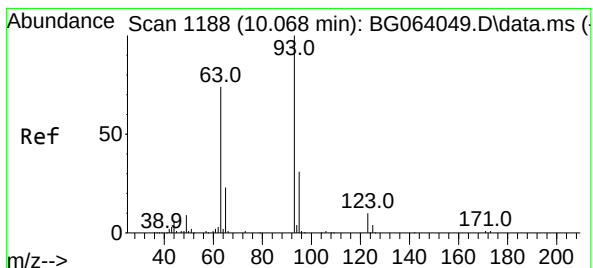
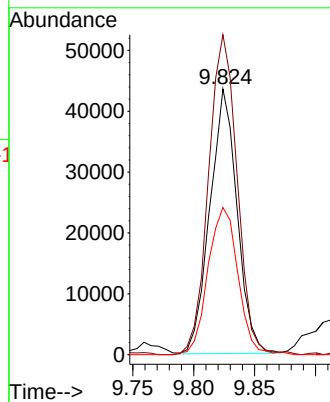
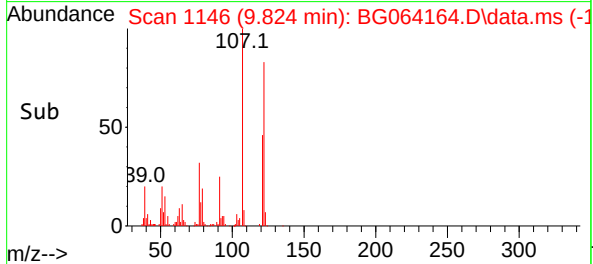


Tgt Ion:122 Resp: 67500  
Ion Ratio Lower Upper  
122 100  
107 120.4 95.4 143.0  
121 55.4 44.9 67.3

Manual Integrations

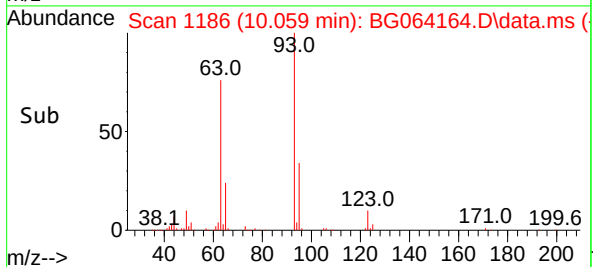
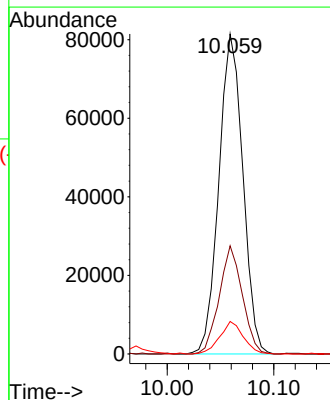
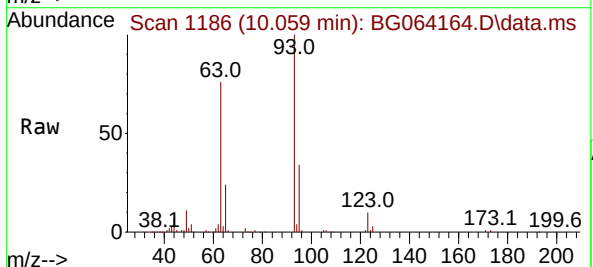
APPROVED

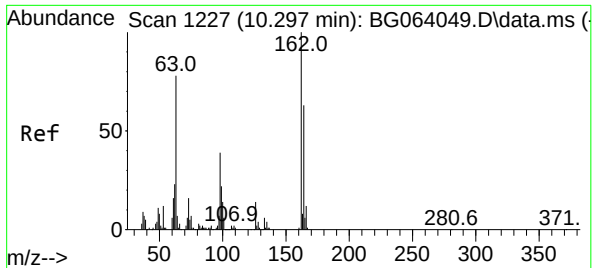
Reviewed By :Anahy Claudio 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#28  
bis(2-Chloroethoxy)methane  
Concen: 38.083 ng  
RT: 10.059 min Scan# 1186  
Delta R.T. -0.009 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

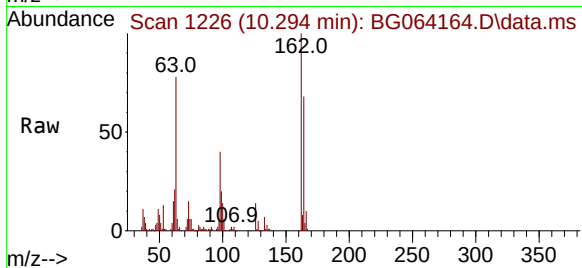
Tgt Ion: 93 Resp: 127095  
Ion Ratio Lower Upper  
93 100  
95 33.8 25.0 37.4  
123 10.2 7.6 11.4





#29  
2,4-Dichlorophenol  
Concen: 42.643 ng  
RT: 10.294 min Scan# 1226  
Delta R.T. -0.003 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

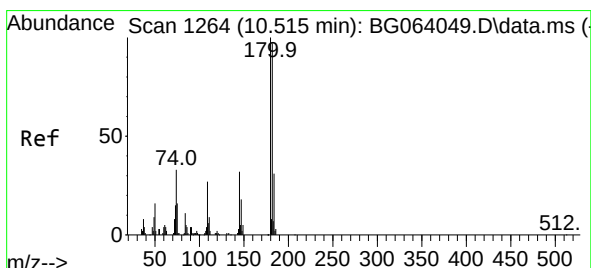
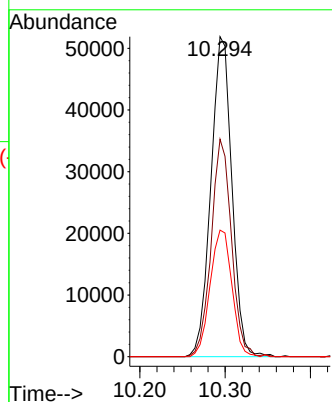
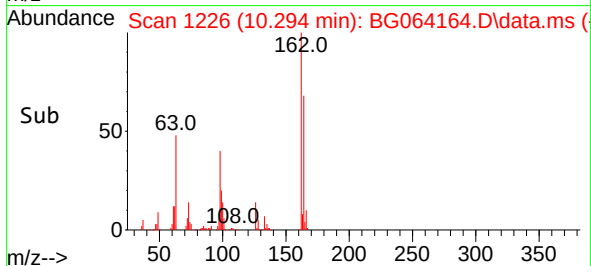
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:162 Resp: 8885  
Ion Ratio Lower Upper  
162 100  
164 68.0 42.8 82.8  
98 39.5 19.1 59.1

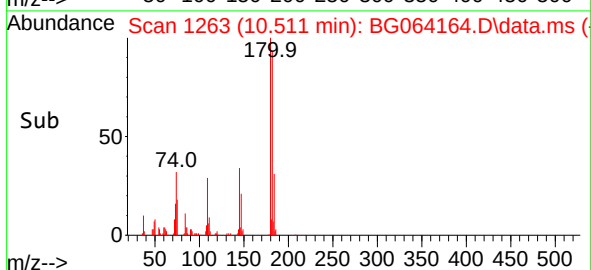
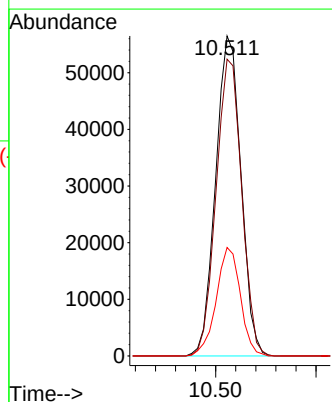
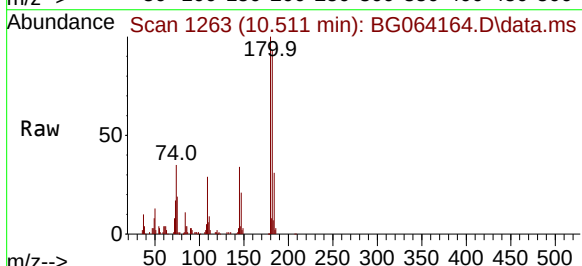
Manual Integrations  
APPROVED

Reviewed By :Anahy Claudio 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025

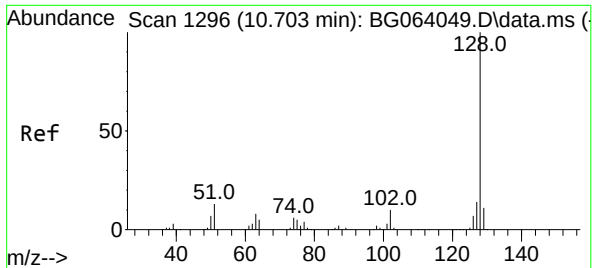


#30  
1,2,4-Trichlorobenzene  
Concen: 39.309 ng  
RT: 10.511 min Scan# 1263  
Delta R.T. -0.003 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

Tgt Ion:180 Resp: 98879  
Ion Ratio Lower Upper  
180 100  
182 92.7 77.3 115.9  
145 33.9 25.2 37.8

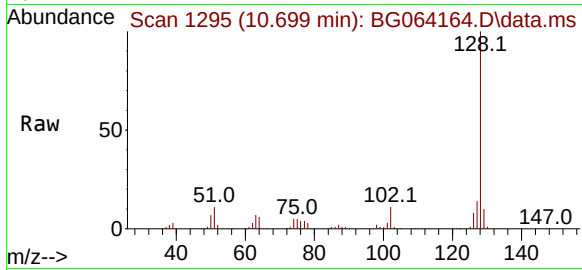






#31  
Naphthalene  
Concen: 39.722 ng  
RT: 10.699 min Scan# 1170  
Delta R.T. -0.003 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

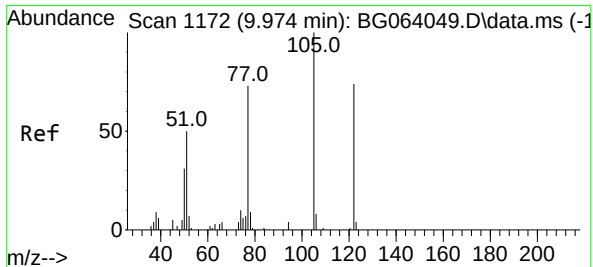
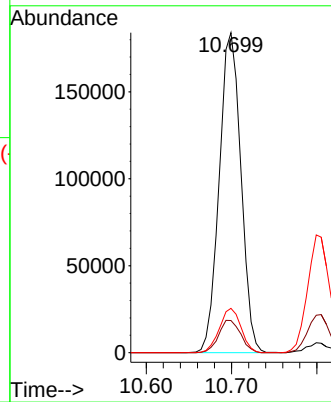
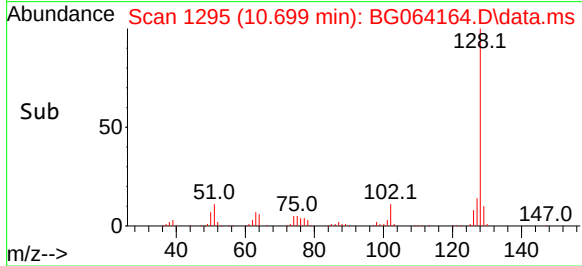
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:128 Resp: 32553  
Ion Ratio Lower Upper  
128 100  
129 10.0 8.4 12.6  
127 13.9 11.1 16.7

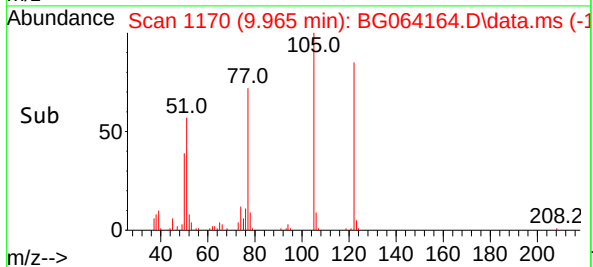
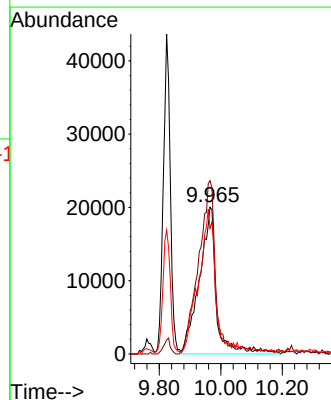
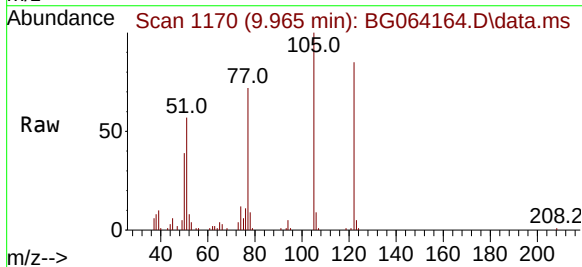
Manual Integrations  
APPROVED

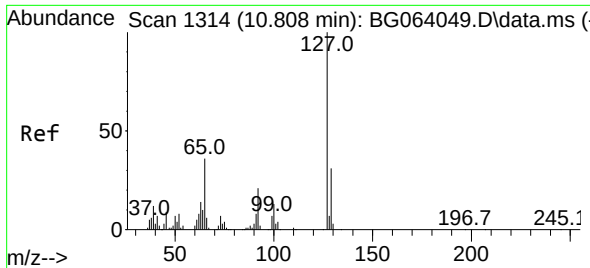
Reviewed By :Anahy Claudio 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#32  
Benzoic acid  
Concen: 50.168 ng m  
RT: 9.965 min Scan# 1170  
Delta R.T. -0.009 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

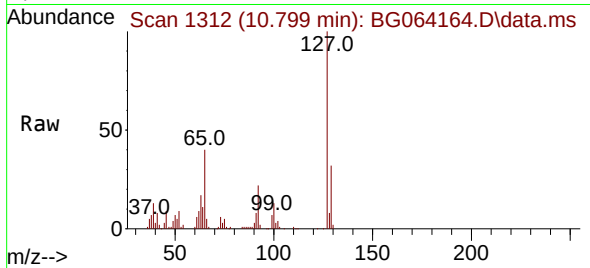
Tgt Ion:122 Resp: 76750  
Ion Ratio Lower Upper  
122 100  
105 118.0 115.0 155.0  
77 85.5 80.9 120.9





#33  
4-Chloroaniline  
Concen: 40.475 ng  
RT: 10.799 min Scan# 11  
Delta R.T. -0.009 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

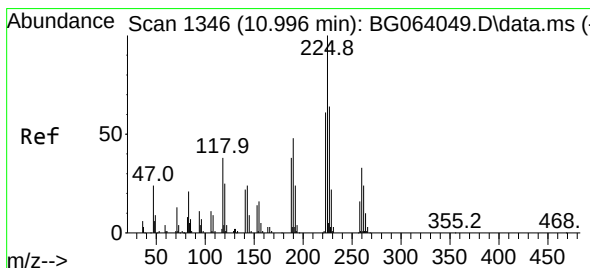
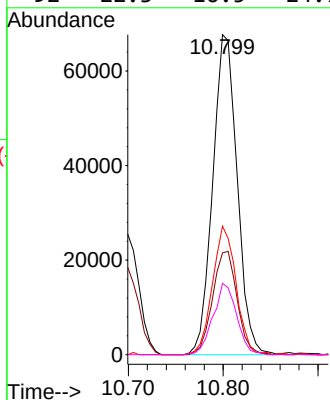
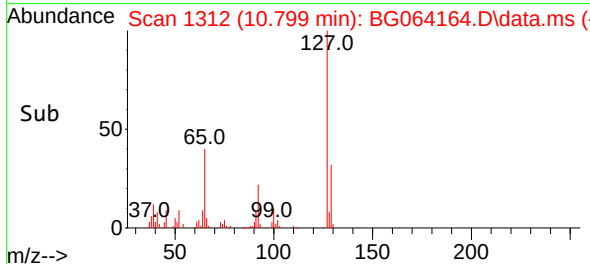
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:127 Resp: 121235  
Ion Ratio Lower Upper  
127 100  
129 31.8 25.0 37.4  
65 40.1 28.5 42.7  
92 22.3 16.5 24.7

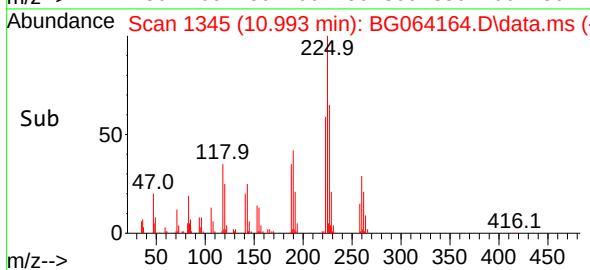
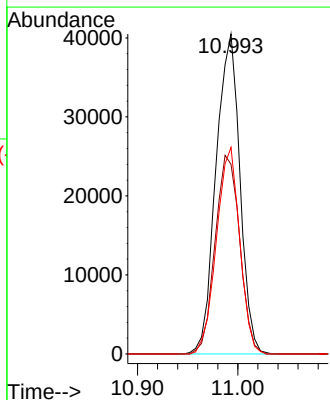
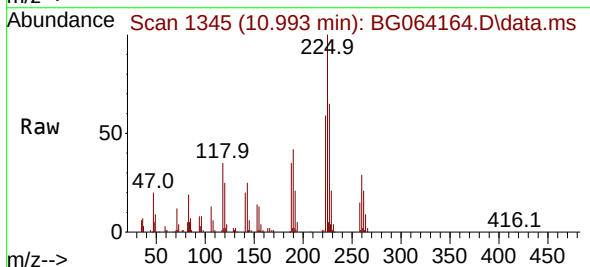
Manual Integrations  
APPROVED

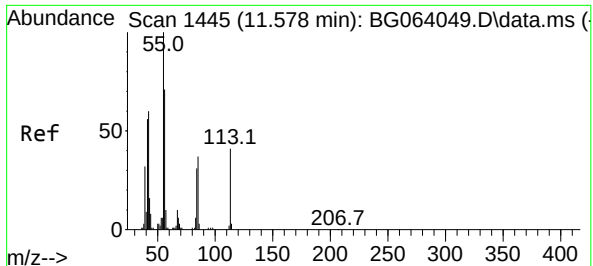
Reviewed By :Anahy Claudio 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#34  
Hexachlorobutadiene  
Concen: 40.574 ng  
RT: 10.993 min Scan# 1345  
Delta R.T. -0.003 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

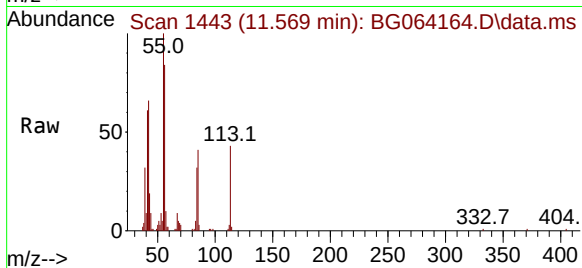
Tgt Ion:225 Resp: 66897  
Ion Ratio Lower Upper  
225 100  
223 59.3 48.5 72.7  
227 64.5 51.0 76.6





#35  
Caprolactam  
Concen: 42.361 ng  
RT: 11.569 min Scan# 1443  
Delta R.T. -0.009 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

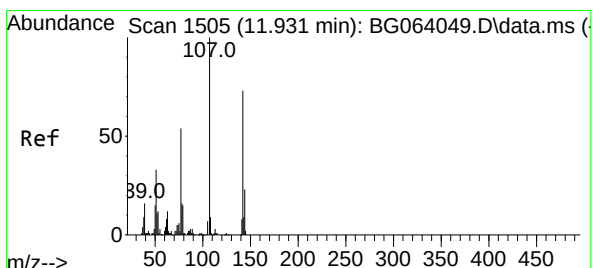
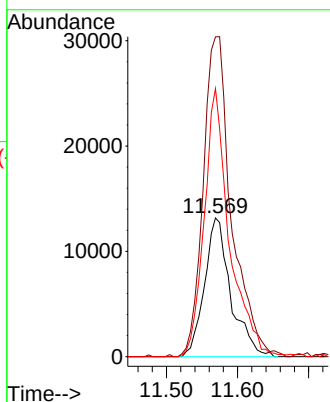
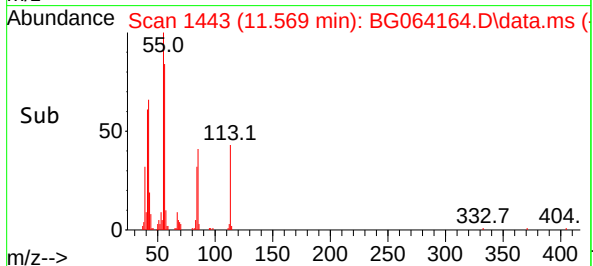
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:113 Resp: 33820  
Ion Ratio Lower Upper  
113 100  
55 230.4 225.2 265.2  
56 193.2 153.4 193.4

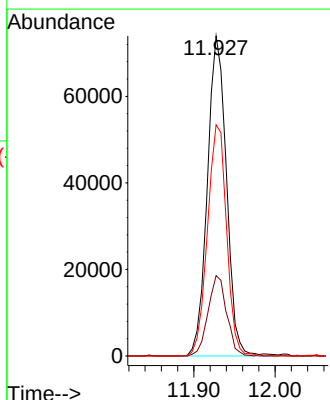
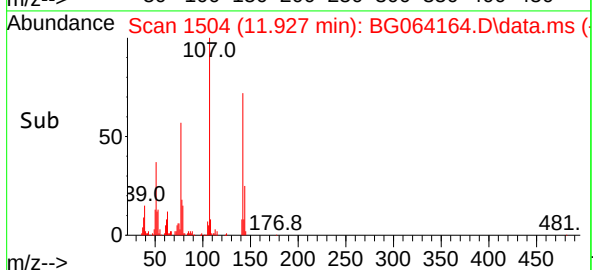
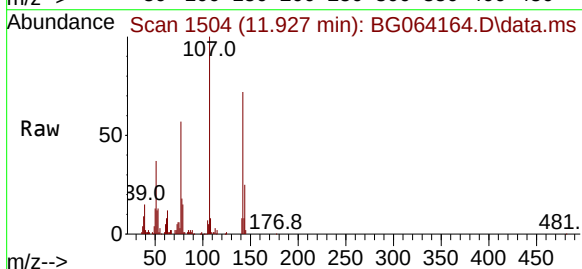
Manual Integrations  
APPROVED

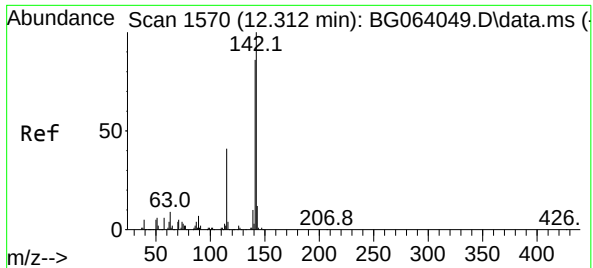
Reviewed By :Anahy Claudio 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#36  
4-Chloro-3-methylphenol  
Concen: 44.169 ng  
RT: 11.927 min Scan# 1504  
Delta R.T. -0.003 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

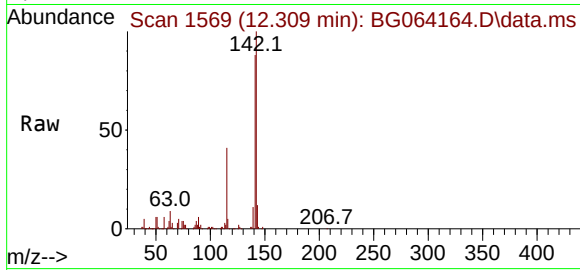
Tgt Ion:107 Resp: 120643  
Ion Ratio Lower Upper  
107 100  
144 25.1 18.6 28.0  
142 72.2 58.0 87.0





#37  
2-Methylnaphthalene  
Concen: 41.937 ng  
RT: 12.309 min Scan# 1569  
Delta R.T. -0.003 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

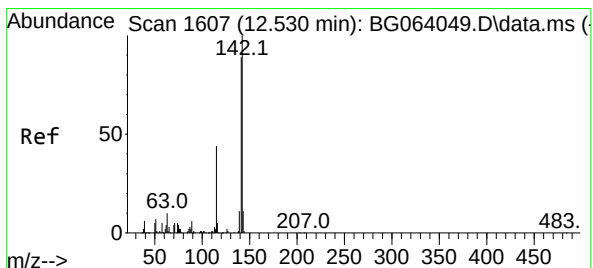
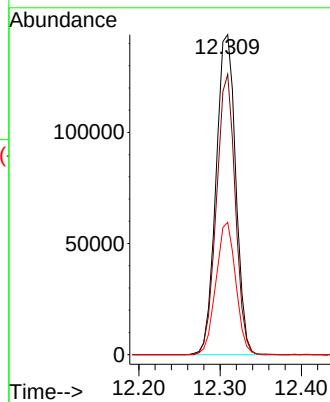
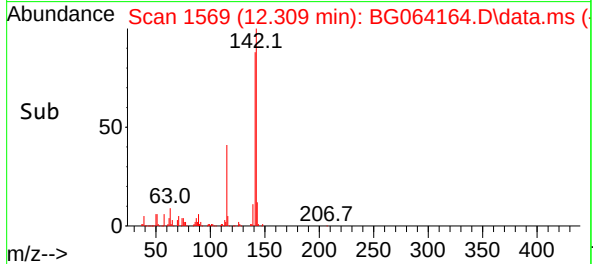
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:142 Resp: 242629  
Ion Ratio Lower Upper  
142 100  
141 87.6 68.6 103.0  
115 41.4 32.8 49.2

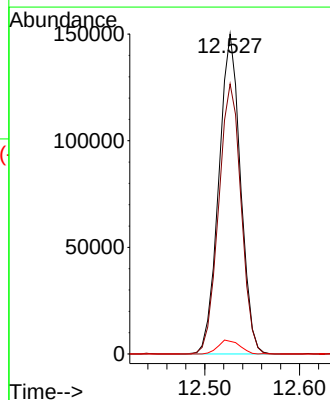
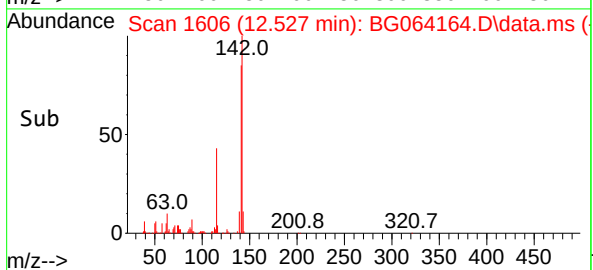
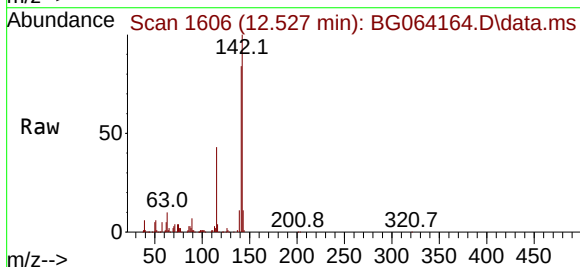
Manual Integrations  
APPROVED

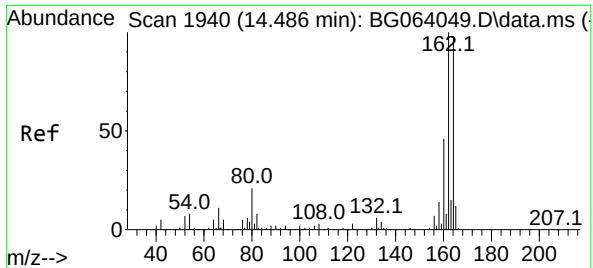
Reviewed By :Anahy Claudio 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#38  
1-Methylnaphthalene  
Concen: 42.088 ng  
RT: 12.527 min Scan# 1606  
Delta R.T. -0.003 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

Tgt Ion:142 Resp: 238561  
Ion Ratio Lower Upper  
142 100  
141 84.4 71.2 106.8  
116 3.9 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.483 min Scan# 1940

Delta R.T. -0.003 min

Lab File: BG064164.D

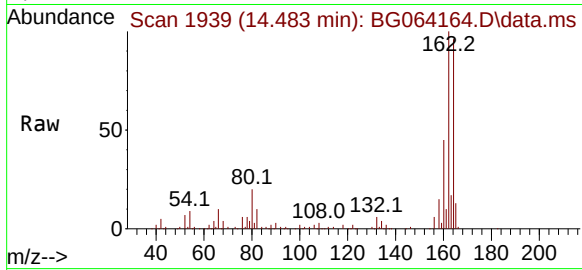
Acq: 3 Apr 2025 13:04

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 11301

Ion Ratio Lower Upper

164 100

162 104.2 81.4 122.0

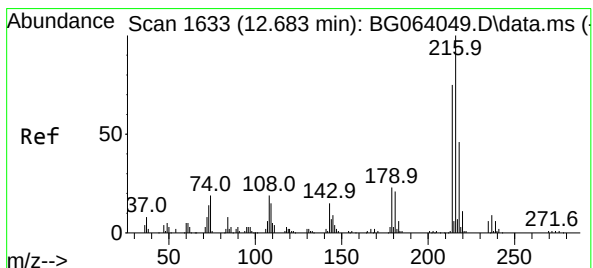
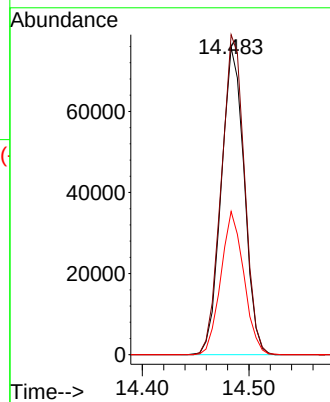
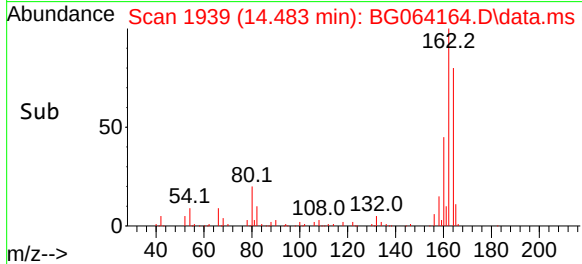
160 46.6 37.0 55.6

Manual Integrations

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Reviewed By :Anahy Claudio 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.010 ng

RT: 12.679 min Scan# 1632

Delta R.T. -0.003 min

Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

Tgt Ion:216 Resp: 125862

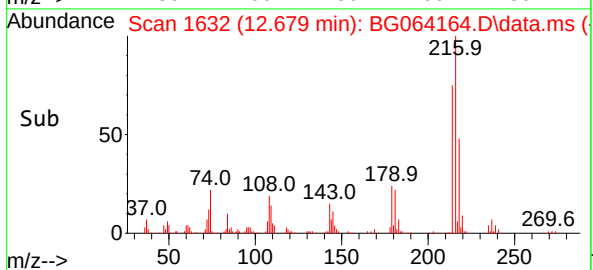
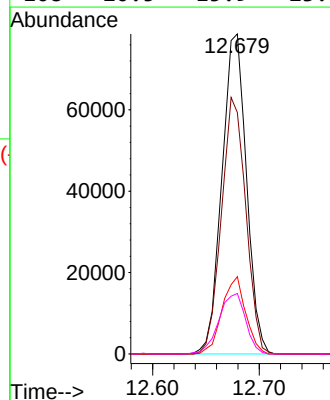
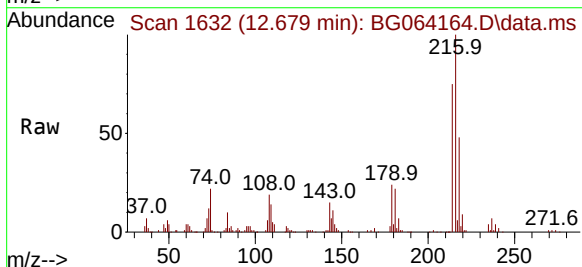
Ion Ratio Lower Upper

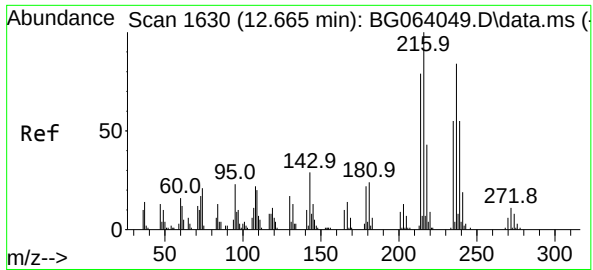
216 100

214 79.3 61.7 92.5

179 23.2 17.9 26.9

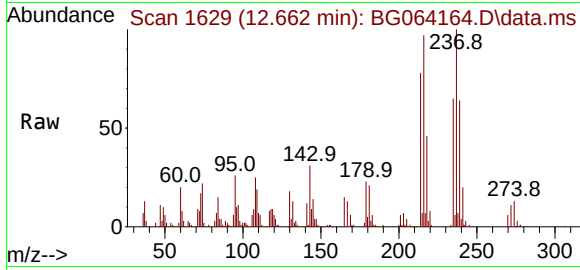
108 20.5 15.9 23.9





#41  
Hexachlorocyclopentadiene  
Concen: 55.656 ng  
RT: 12.662 min Scan# 1629  
Delta R.T. -0.003 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

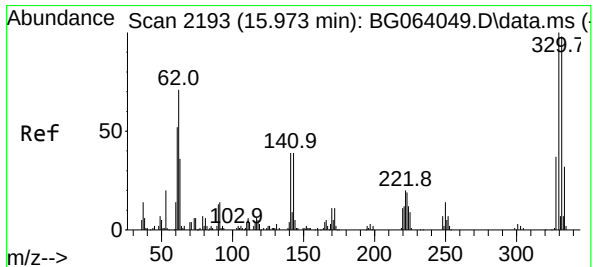
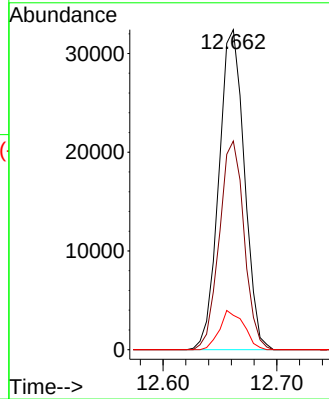
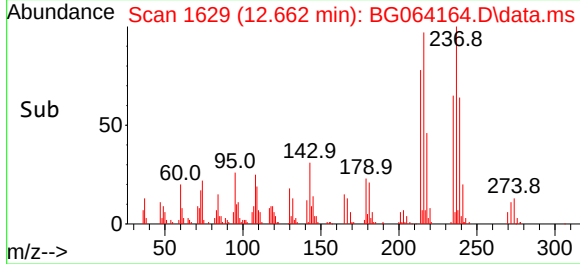
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



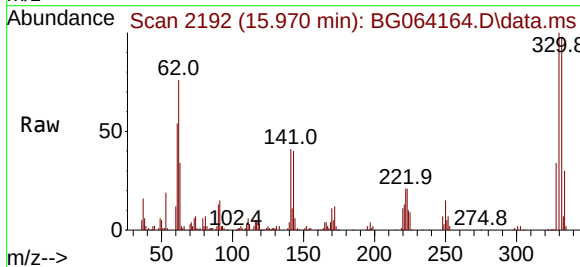
Tgt Ion:237 Resp: 50540  
Ion Ratio Lower Upper  
237 100  
235 65.2 46.0 86.0  
272 10.8 0.0 32.8

Manual Integrations  
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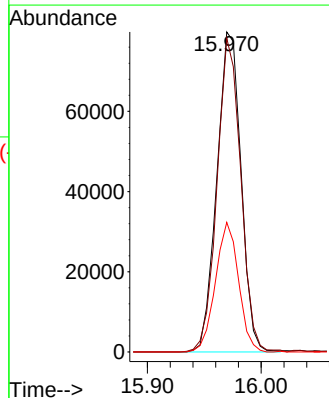
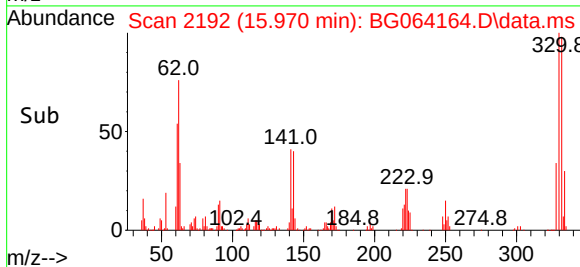
Reviewed By :Anahy Claudio 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025

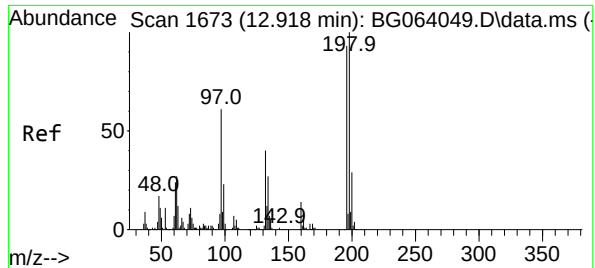


#42  
2,4,6-Tribromophenol  
Concen: 93.837 ng  
RT: 15.970 min Scan# 2192  
Delta R.T. -0.003 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04



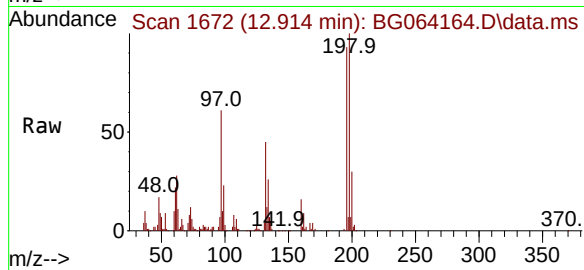
Tgt Ion:330 Resp: 117878  
Ion Ratio Lower Upper  
330 100  
332 96.2 76.7 115.1  
141 38.7 29.7 44.5





#43  
2,4,6-Trichlorophenol  
Concen: 42.978 ng  
RT: 12.914 min Scan# 1672  
Delta R.T. -0.003 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

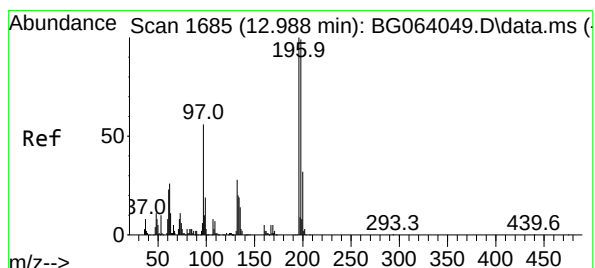
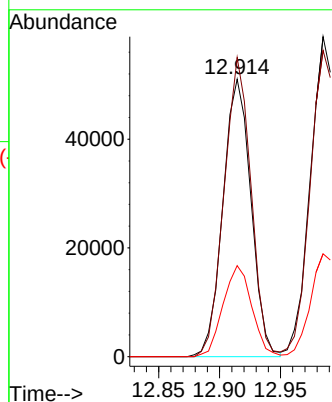
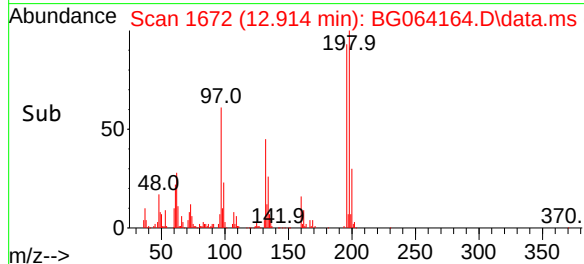
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



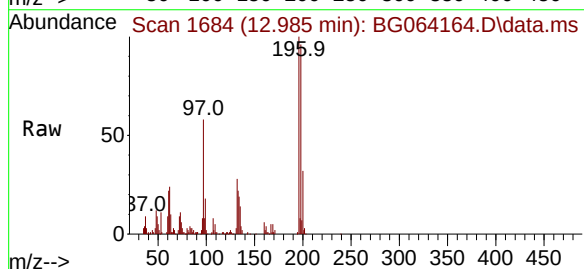
Tgt Ion:196 Resp: 8172  
Ion Ratio Lower Upper  
196 100  
198 107.9 85.6 128.4  
200 32.8 24.6 37.0

Manual Integrations  
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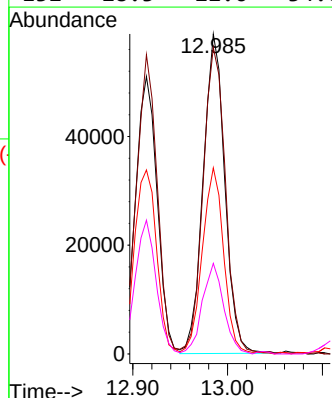
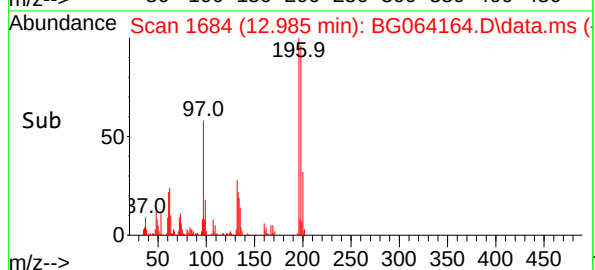
Reviewed By :Anahy Claudio 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025

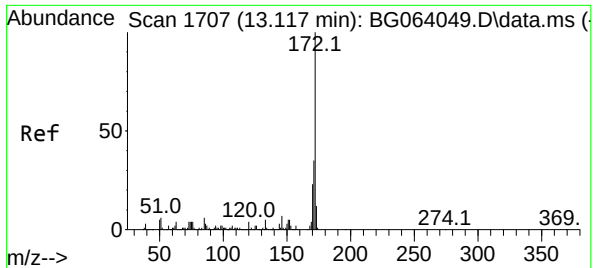


#44  
2,4,5-Trichlorophenol  
Concen: 43.945 ng  
RT: 12.985 min Scan# 1684  
Delta R.T. -0.003 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04



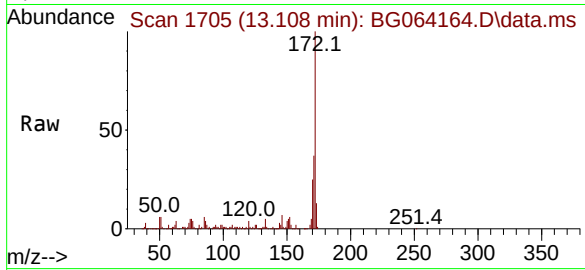
Tgt Ion:196 Resp: 92850  
Ion Ratio Lower Upper  
196 100  
198 95.7 79.5 119.3  
97 58.2 45.2 67.8  
132 28.3 22.6 34.0





#45  
2-Fluorobiphenyl  
Concen: 78.142 ng  
RT: 13.108 min Scan# 1705  
Delta R.T. -0.009 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

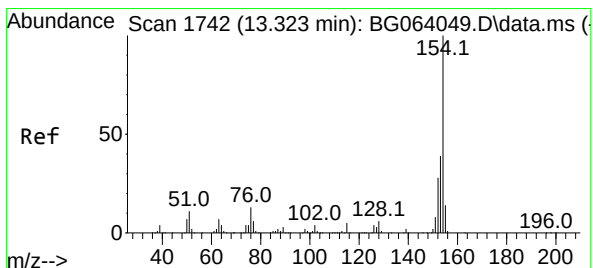
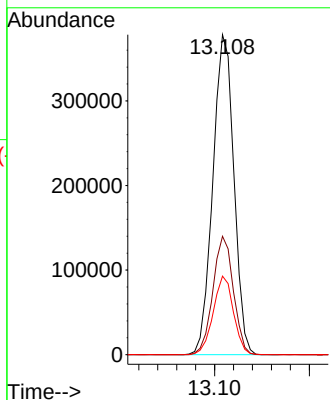
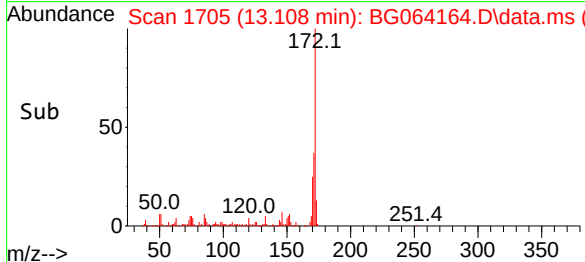
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:172 Resp: 58179  
Ion Ratio Lower Upper  
172 100  
171 37.0 28.0 42.0  
170 24.5 18.7 28.1

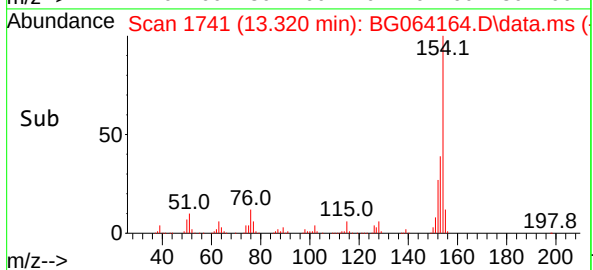
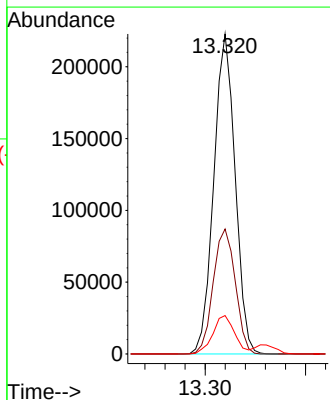
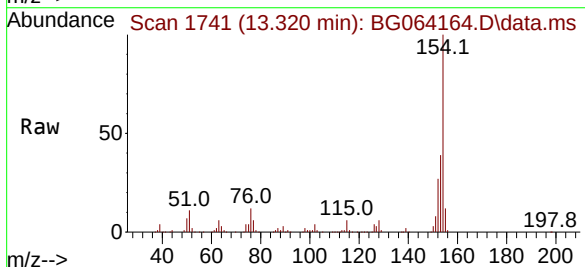
Manual Integrations  
APPROVED

Reviewed By :Anahy Claudio 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025

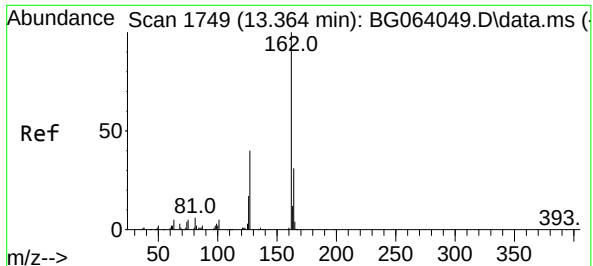


#46  
1,1'-Biphenyl  
Concen: 38.424 ng  
RT: 13.320 min Scan# 1741  
Delta R.T. -0.003 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

Tgt Ion:154 Resp: 328066  
Ion Ratio Lower Upper  
154 100  
153 39.1 19.5 59.5  
76 12.0 0.0 33.5







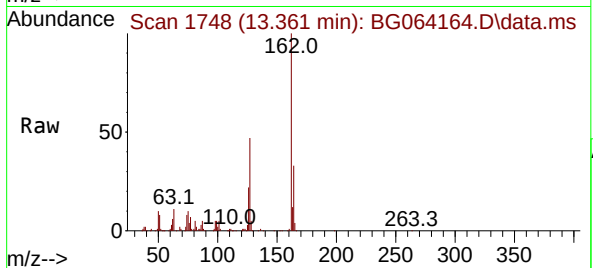
#47  
2-Chloronaphthalene  
Concen: 37.945 ng  
RT: 13.361 min Scan# 1748  
Delta R.T. -0.003 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

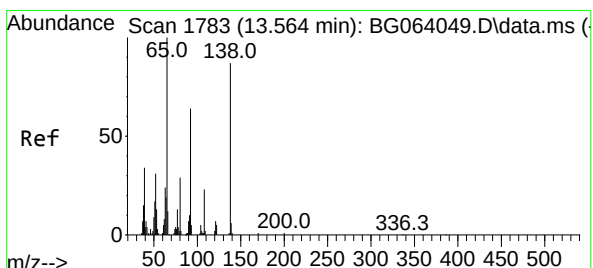
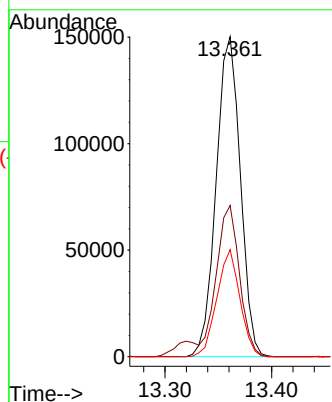
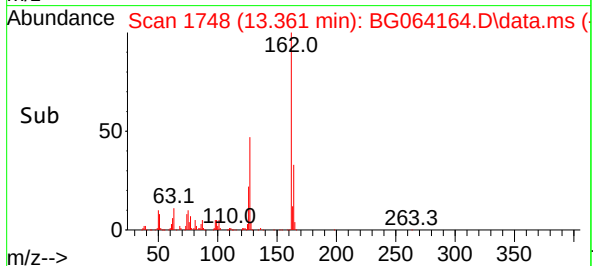


Tgt Ion:162 Resp: 236288  
Ion Ratio Lower Upper  
162 100  
127 47.2 35.0 52.4  
164 33.4 25.0 37.6

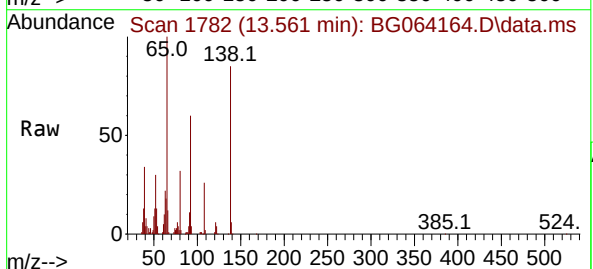
Manual Integrations

APPROVED

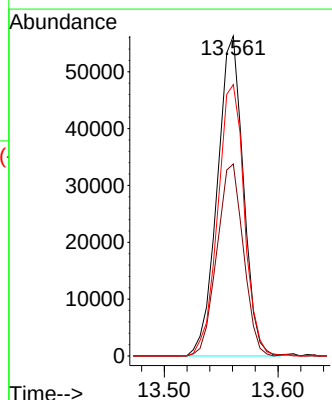
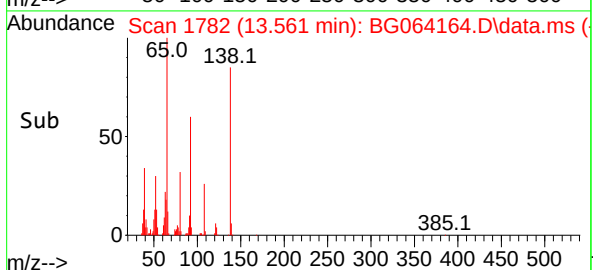
Reviewed By :Anahy Claudio 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025

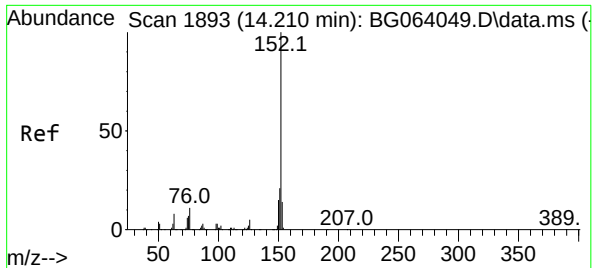


#48  
2-Nitroaniline  
Concen: 44.074 ng  
RT: 13.561 min Scan# 1782  
Delta R.T. -0.003 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04



Tgt Ion: 65 Resp: 89492  
Ion Ratio Lower Upper  
65 100  
92 60.0 51.2 76.8  
138 84.8 69.4 104.2





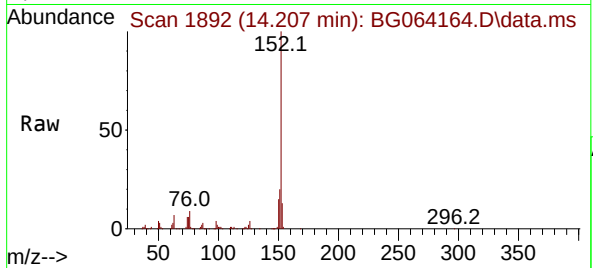
#49  
Acenaphthylene  
Concen: 38.382 ng  
RT: 14.207 min Scan# 1892  
Delta R.T. -0.003 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

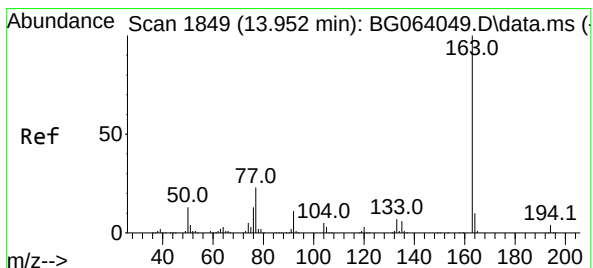
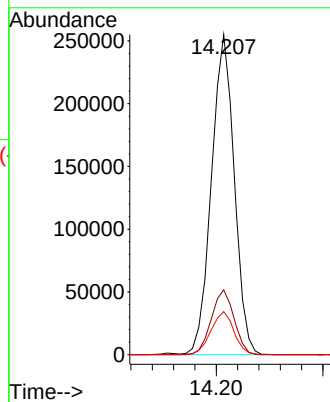
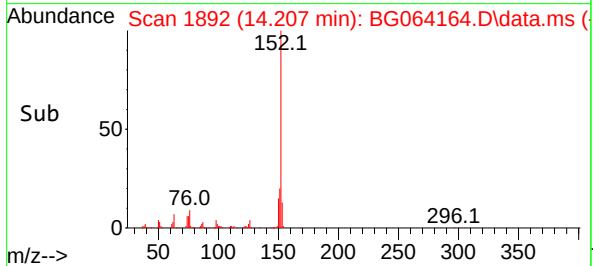


Tgt Ion:152 Resp: 37804  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.4 24.6  
153 13.5 10.9 16.3

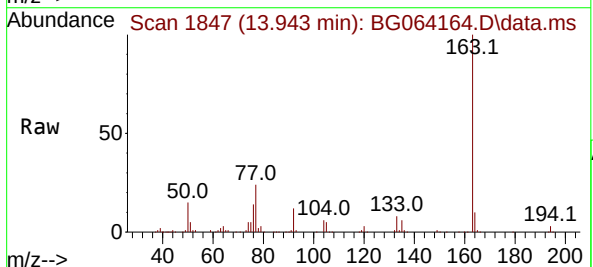
Manual Integrations

APPROVED

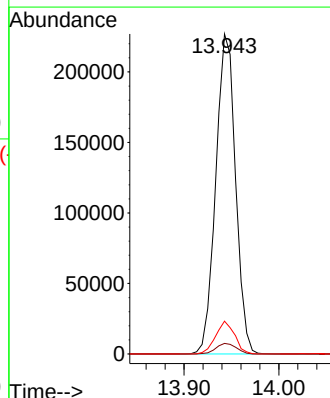
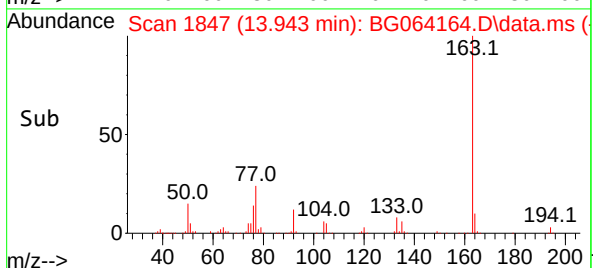
Reviewed By :Anahy Claudio 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025

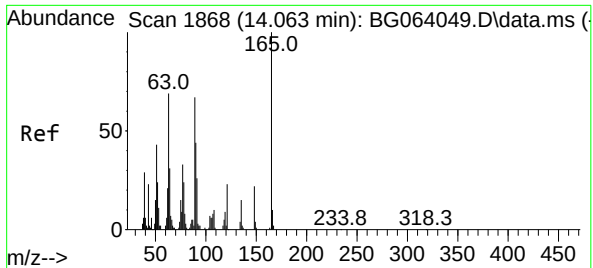


#50  
Dimethylphthalate  
Concen: 39.426 ng  
RT: 13.943 min Scan# 1847  
Delta R.T. -0.009 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04



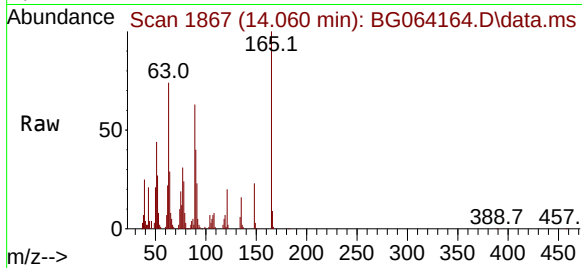
Tgt Ion:163 Resp: 328899  
Ion Ratio Lower Upper  
163 100  
194 3.3 2.8 4.2  
164 10.2 8.2 12.2





#51  
2,6-Dinitrotoluene  
Concen: 41.696 ng  
RT: 14.060 min Scan# 1868  
Delta R.T. -0.003 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

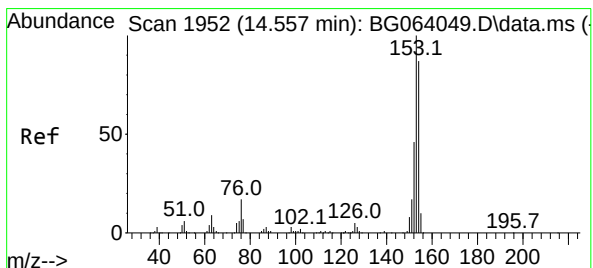
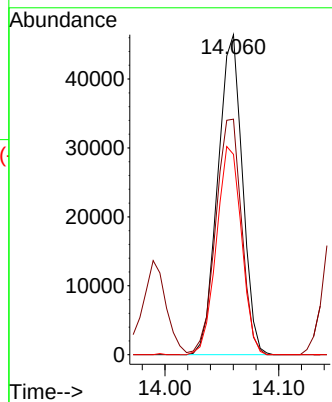
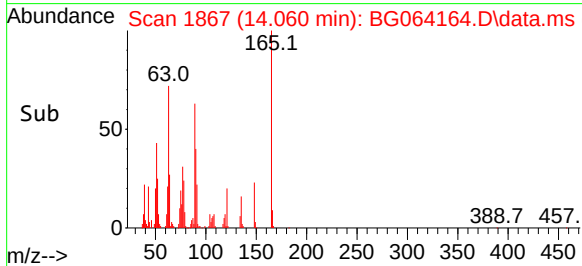
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:165 Resp: 69764  
Ion Ratio Lower Upper  
165 100  
63 73.6 56.7 85.1  
89 62.6 53.7 80.5

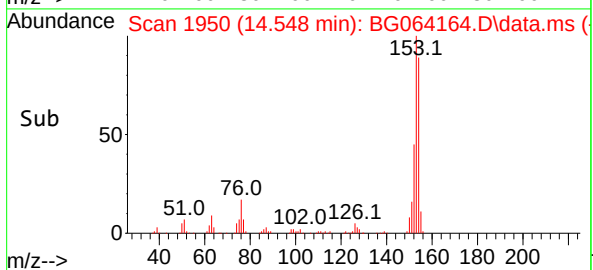
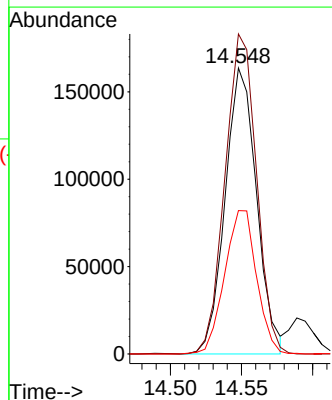
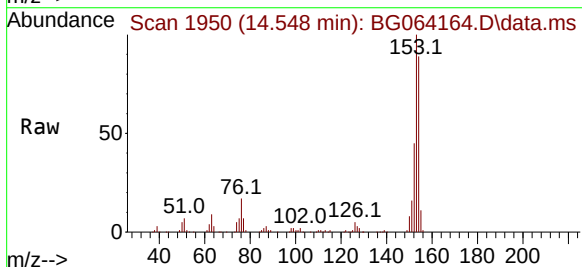
Manual Integrations  
APPROVED

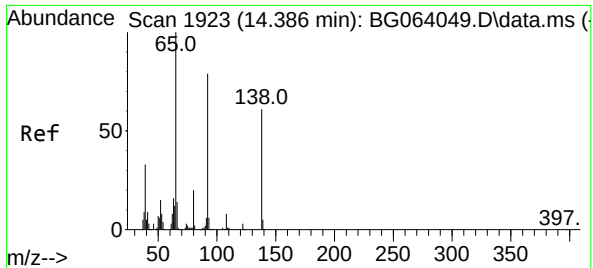
Reviewed By :Anahy Claudio 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#52  
Acenaphthene  
Concen: 38.229 ng  
RT: 14.548 min Scan# 1950  
Delta R.T. -0.009 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

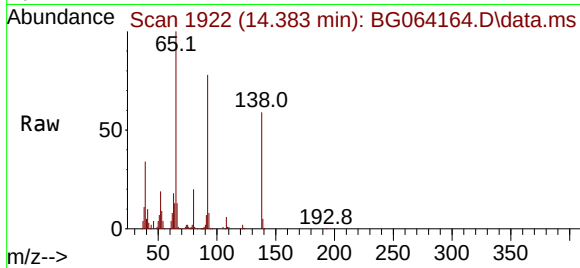
Tgt Ion:154 Resp: 252698  
Ion Ratio Lower Upper  
154 100  
153 111.9 91.6 137.4  
152 50.1 42.5 63.7





#53  
3-Nitroaniline  
Concen: 43.696 ng  
RT: 14.383 min Scan# 1923  
Delta R.T. -0.003 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

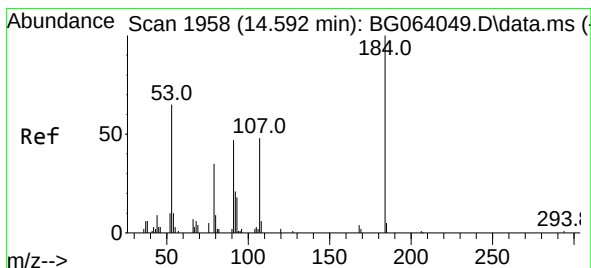
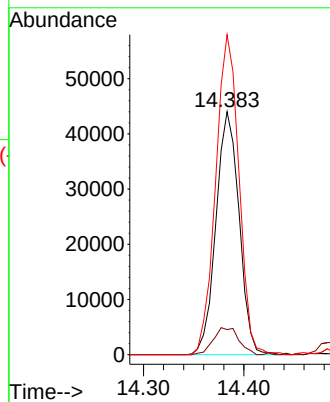
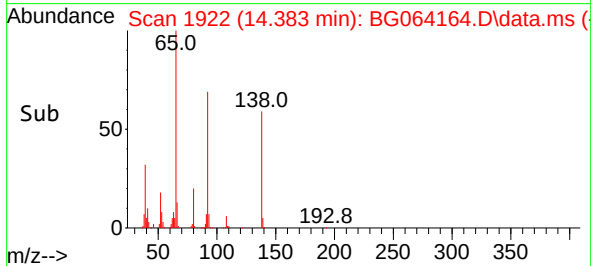
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:138 Resp: 7045  
Ion Ratio Lower Upper  
138 100  
108 10.3 10.1 15.1  
92 131.7 104.1 156.1

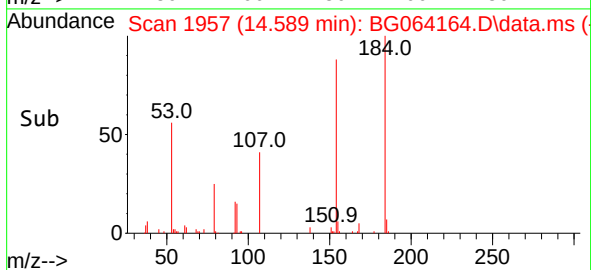
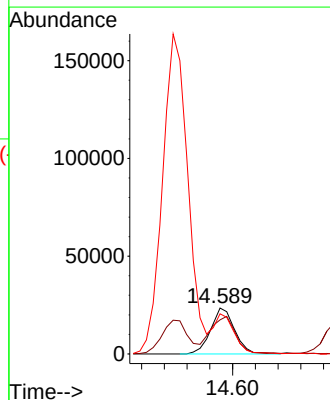
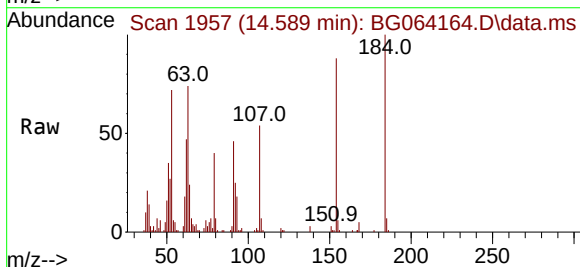
Manual Integrations  
APPROVED

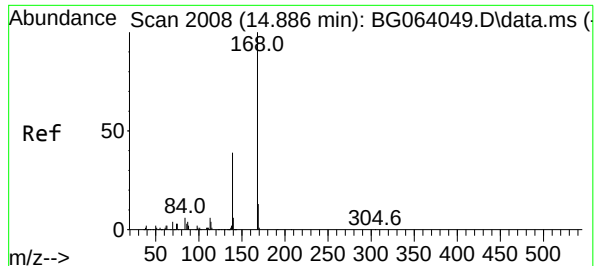
Reviewed By :Anahy Claudio 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#54  
2,4-Dinitrophenol  
Concen: 51.990 ng  
RT: 14.589 min Scan# 1957  
Delta R.T. -0.003 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

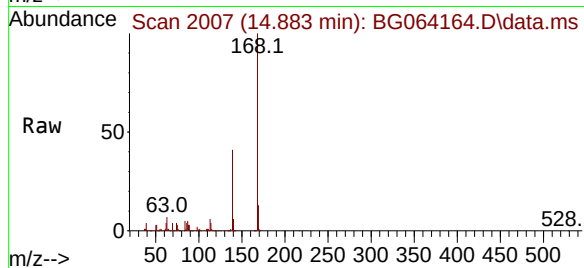
Tgt Ion:184 Resp: 34525  
Ion Ratio Lower Upper  
184 100  
63 74.3 57.5 86.3  
154 87.6 52.3 78.5#





#55  
Dibenzenofuran  
Concen: 38.644 ng  
RT: 14.883 min Scan# 2008  
Delta R.T. -0.003 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

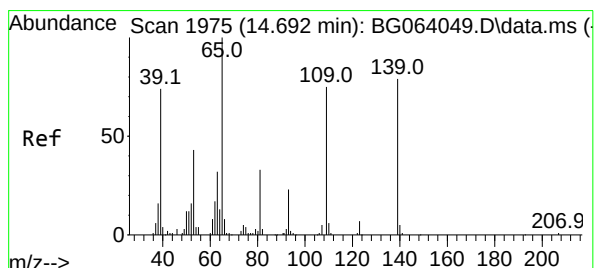
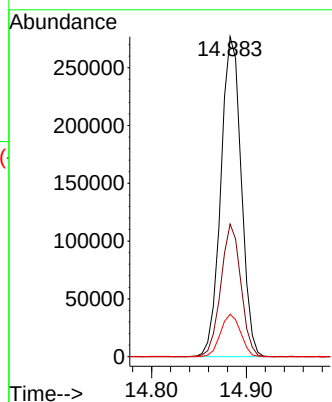
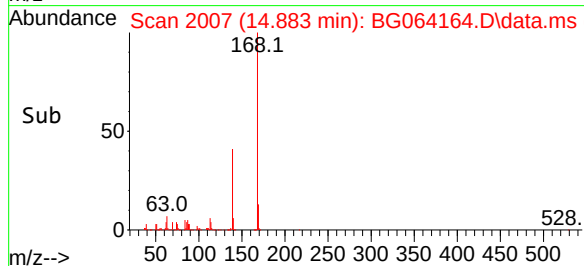
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:168 Resp: 413808  
Ion Ratio Lower Upper  
168 100  
139 41.5 31.1 46.7  
169 13.3 10.5 15.7

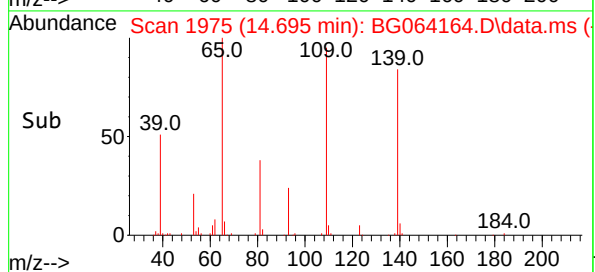
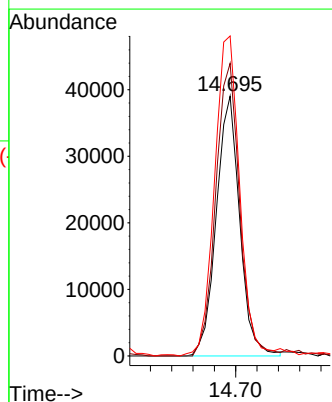
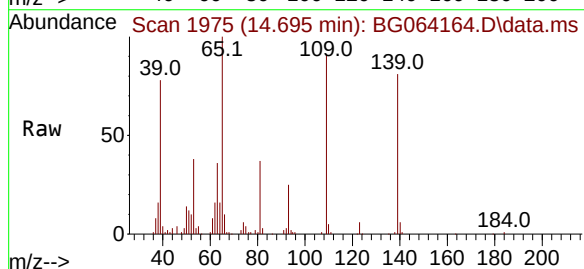
Manual Integrations  
APPROVED

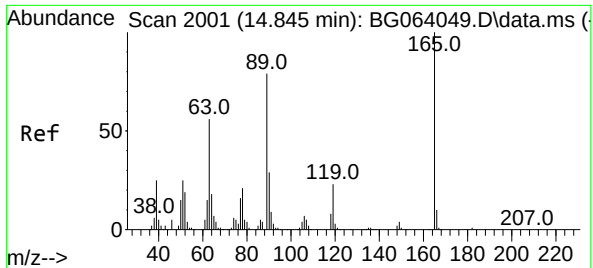
Reviewed By :Anahy Claudio 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#56  
4-Nitrophenol  
Concen: 44.070 ng  
RT: 14.695 min Scan# 1975  
Delta R.T. 0.003 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

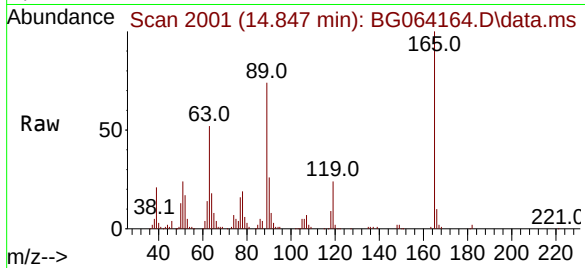
Tgt Ion:139 Resp: 59592  
Ion Ratio Lower Upper  
139 100  
109 112.6 74.9 114.9  
65 123.1 106.8 146.8





#57  
2,4-Dinitrotoluene  
Concen: 42.785 ng  
RT: 14.847 min Scan# 2001  
Delta R.T. 0.002 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

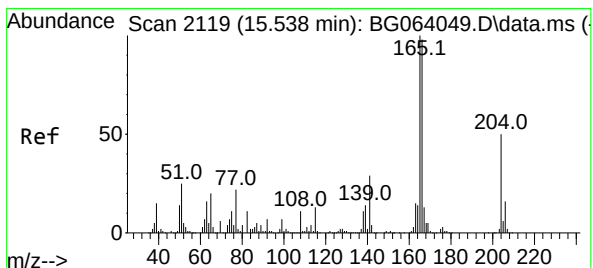
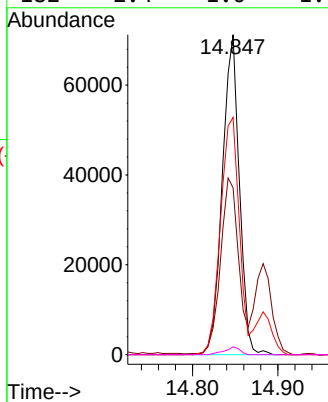
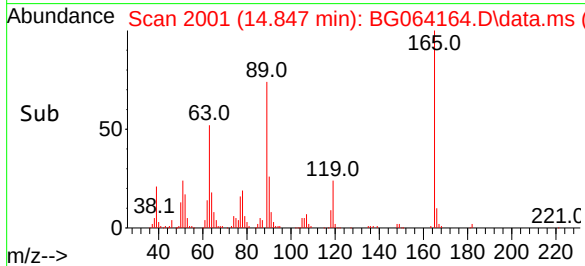
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



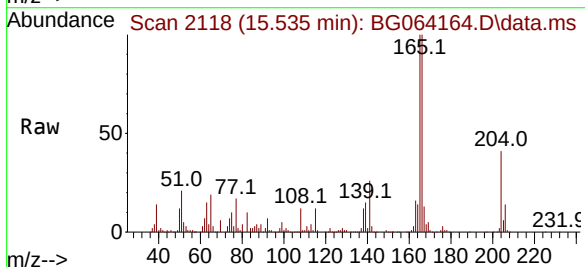
Tgt Ion:165 Resp: 98910  
Ion Ratio Lower Upper  
165 100  
63 52.2 45.0 67.6  
89 74.2 63.1 94.7  
182 2.4 1.0 1.4#

Manual Integrations  
APPROVED

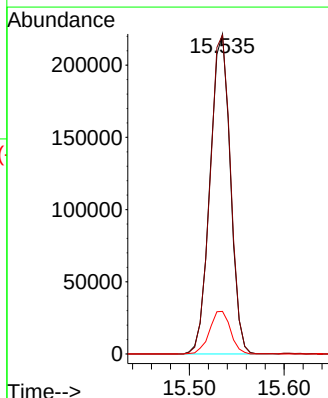
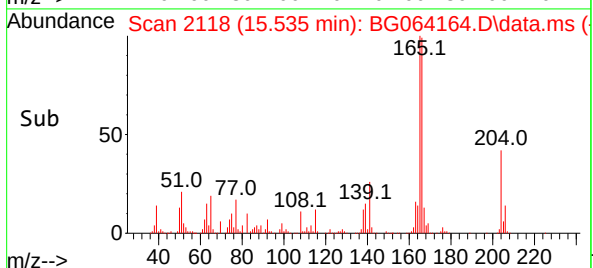
Reviewed By :Anahy Claudio 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025

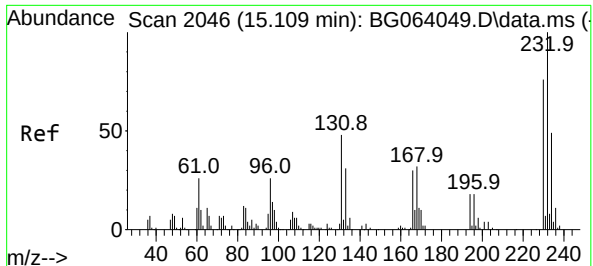


#58  
Fluorene  
Concen: 39.423 ng  
RT: 15.535 min Scan# 2118  
Delta R.T. -0.003 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04



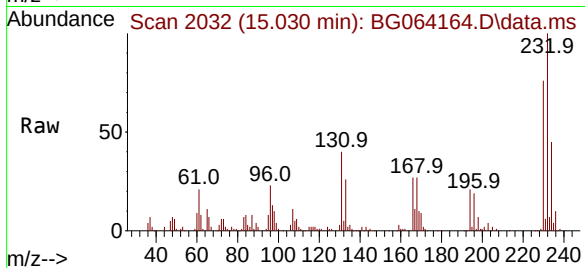
Tgt Ion:166 Resp: 328800  
Ion Ratio Lower Upper  
166 100  
165 99.7 81.8 122.8  
167 13.3 10.8 16.2





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 45.389 ng  
RT: 15.030 min Scan# 2046  
Delta R.T. -0.080 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

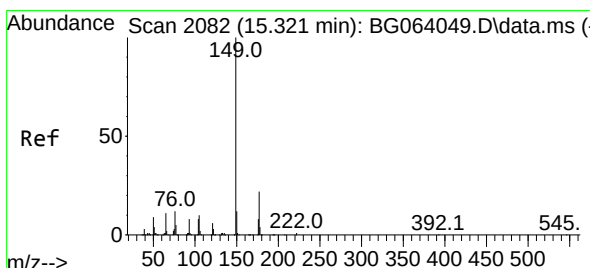
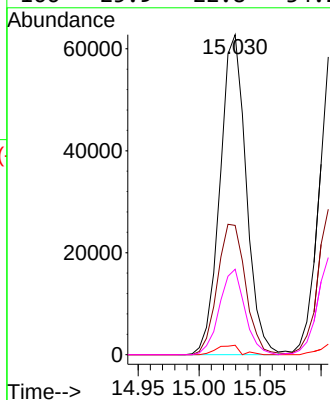
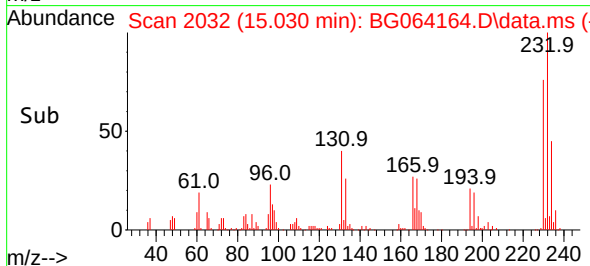
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:232 Resp: 93492  
Ion Ratio Lower Upper  
232 100  
131 44.0 36.3 54.5  
130 2.6 1.9 2.9  
166 25.9 22.8 34.2

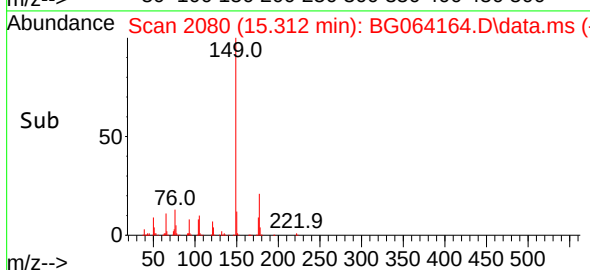
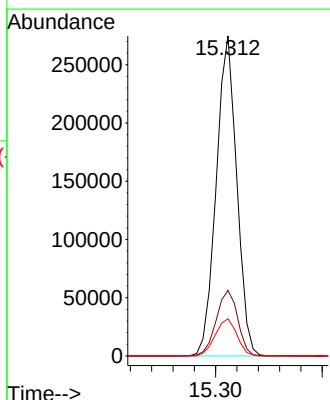
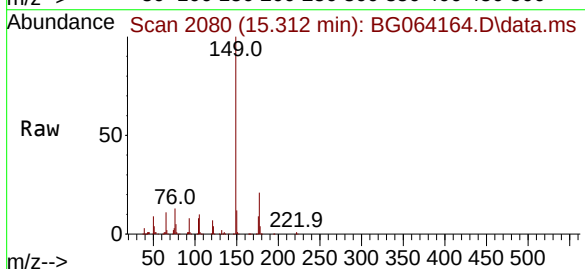
Manual Integrations  
APPROVED

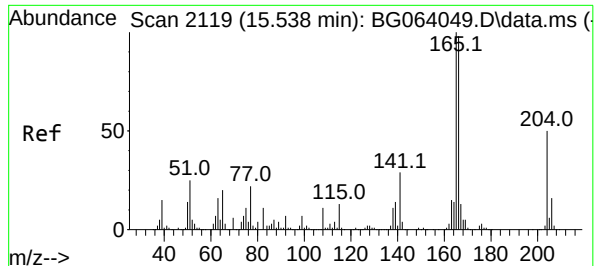
Reviewed By :Anahy Claudio 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#60  
Diethylphthalate  
Concen: 40.534 ng  
RT: 15.312 min Scan# 2080  
Delta R.T. -0.009 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

Tgt Ion:149 Resp: 367087  
Ion Ratio Lower Upper  
149 100  
177 20.5 17.4 26.2  
150 11.6 9.4 14.2





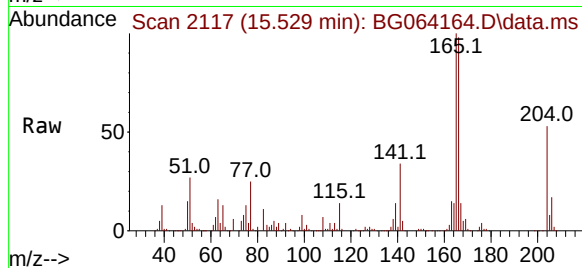
#61  
4-Chlorophenyl-phenylether  
Concen: 39.373 ng  
RT: 15.529 min Scan# 2117  
Delta R.T. -0.009 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

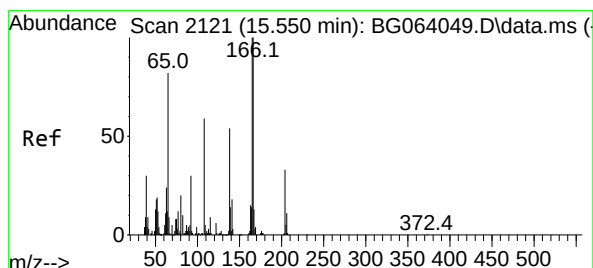
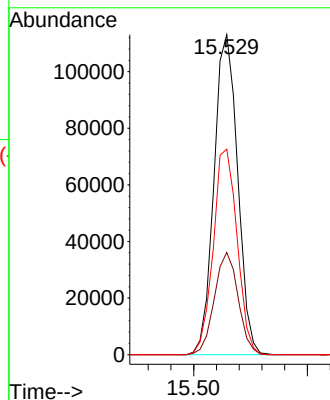
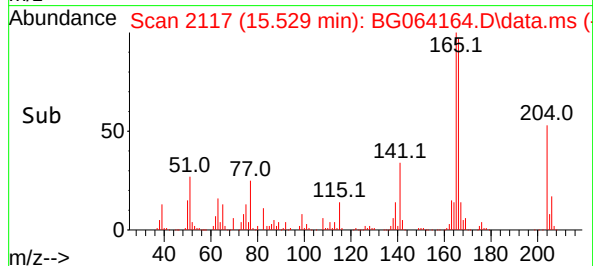


Tgt Ion:204 Resp: 16318  
Ion Ratio Lower Upper  
204 100  
206 32.0 25.5 38.3  
141 64.3 45.4 68.0

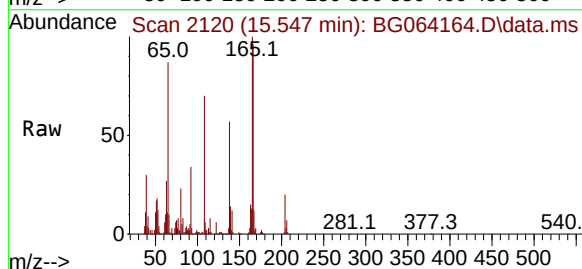
Manual Integrations

APPROVED

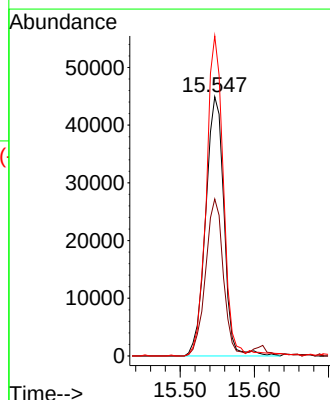
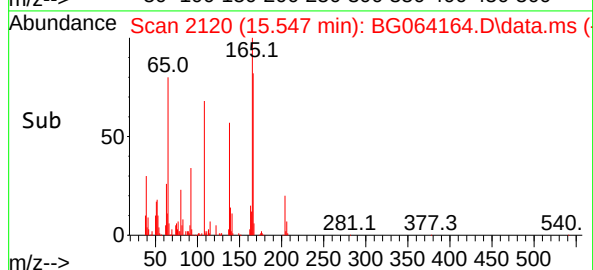
Reviewed By :Anahy Claudio 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



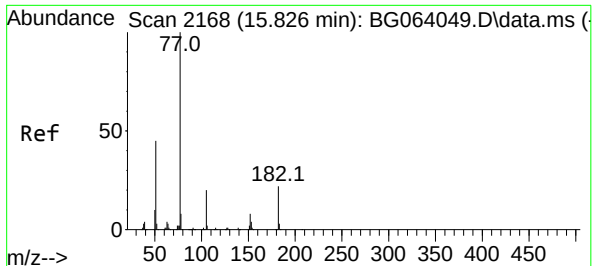
#62  
4-Nitroaniline  
Concen: 44.300 ng  
RT: 15.547 min Scan# 2120  
Delta R.T. -0.003 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04



Tgt Ion:138 Resp: 77114  
Ion Ratio Lower Upper  
138 100  
92 60.5 36.1 76.1  
108 123.4 87.9 127.9

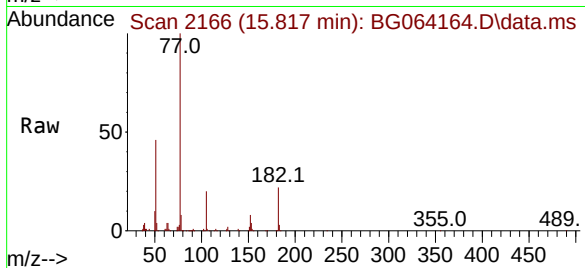






#63  
Azobenzene  
Concen: 38.258 ng  
RT: 15.817 min Scan# 2166  
Delta R.T. -0.009 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

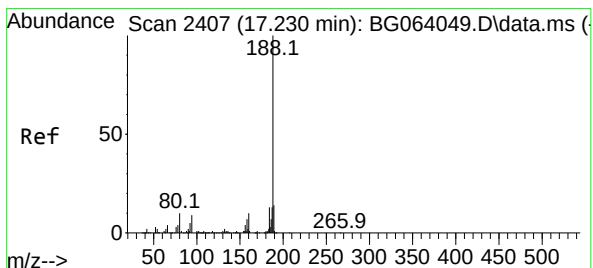
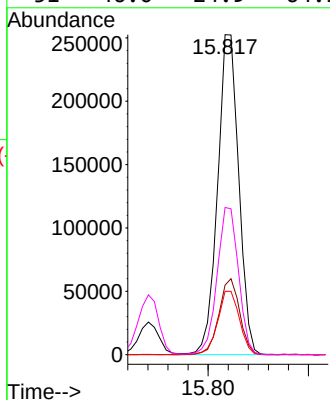
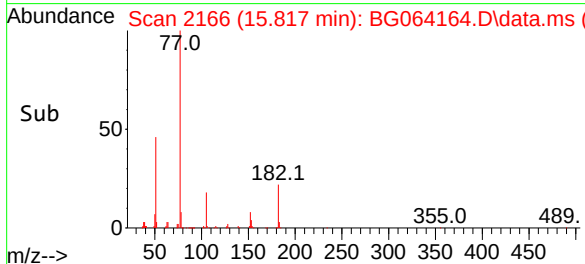
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 77 Resp: 36972  
Ion Ratio Lower Upper  
77 100  
182 21.8 2.4 42.4  
105 19.8 0.0 40.0  
51 46.0 24.9 64.9

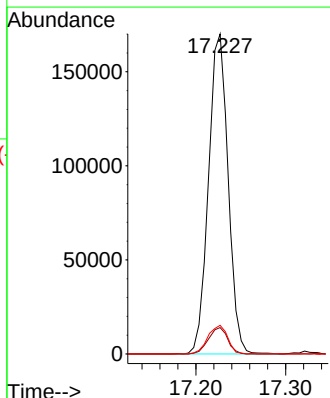
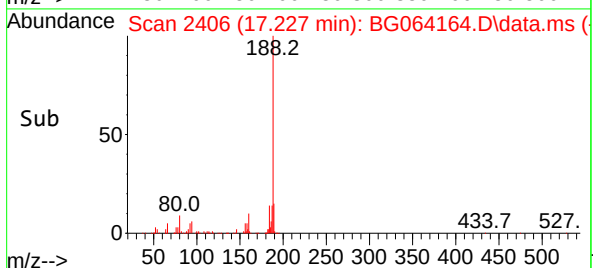
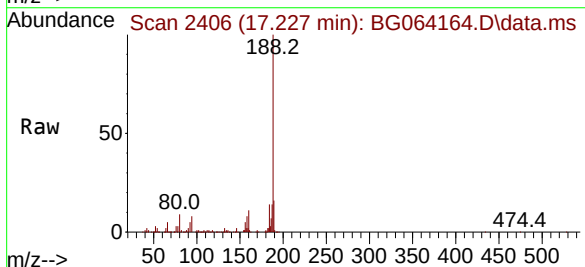
Manual Integrations  
APPROVED

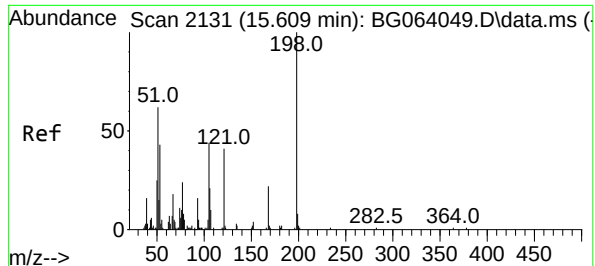
Reviewed By :Anahy Claudio 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.227 min Scan# 2406  
Delta R.T. -0.003 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

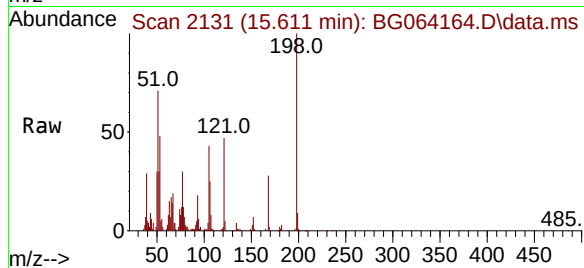
Tgt Ion:188 Resp: 257861  
Ion Ratio Lower Upper  
188 100  
94 8.2 6.9 10.3  
80 9.0 8.1 12.1





#65  
4,6-Dinitro-2-methylphenol  
Concen: 51.147 ng  
RT: 15.611 min Scan# 2131  
Delta R.T. 0.002 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

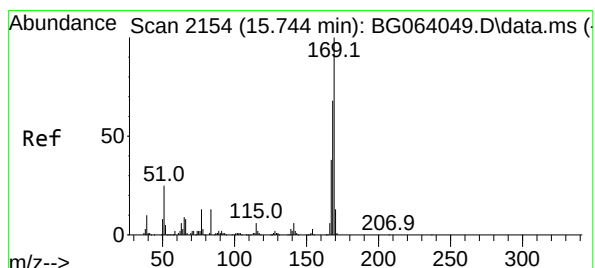
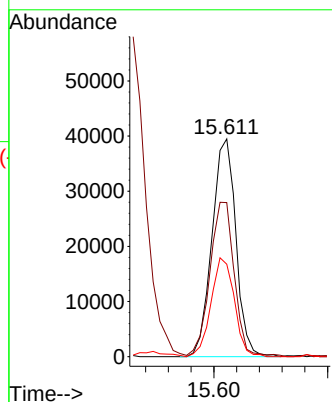
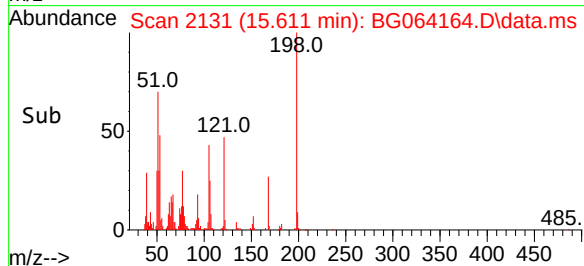
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



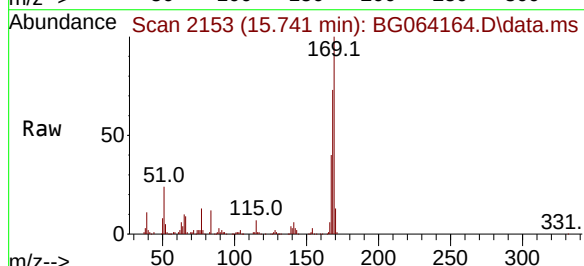
Tgt Ion:198 Resp: 57690  
Ion Ratio Lower Upper  
198 100  
51 70.7 45.6 85.6  
105 42.5 25.3 65.3

Manual Integrations  
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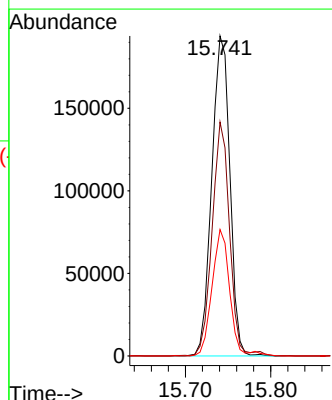
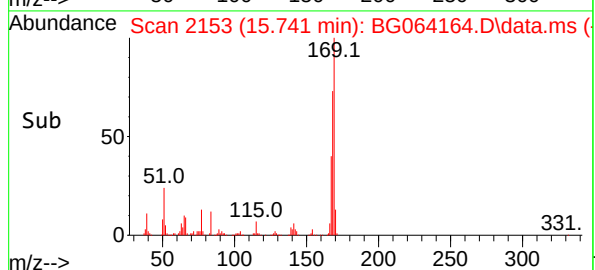
Reviewed By :Anahy Claudio 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025

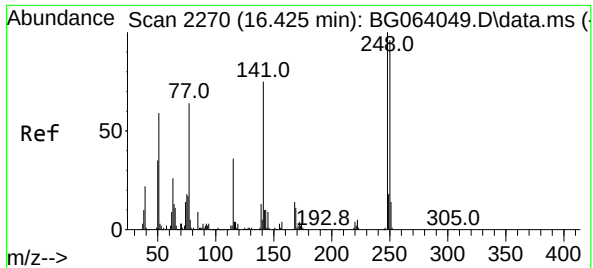


#66  
n-Nitrosodiphenylamine  
Concen: 39.119 ng  
RT: 15.741 min Scan# 2153  
Delta R.T. -0.003 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04



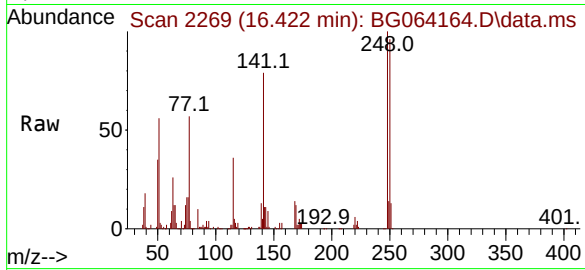
Tgt Ion:169 Resp: 285532  
Ion Ratio Lower Upper  
169 100  
168 73.1 54.1 81.1  
167 39.5 30.3 45.5





#67  
4-Bromophenyl-phenylether  
Concen: 41.251 ng  
RT: 16.422 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

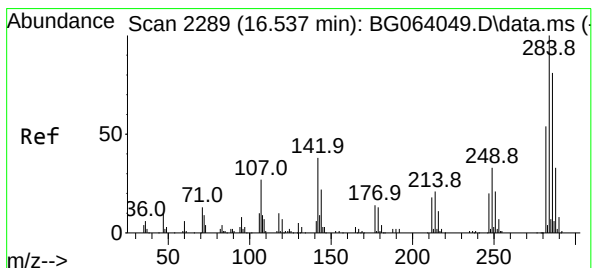
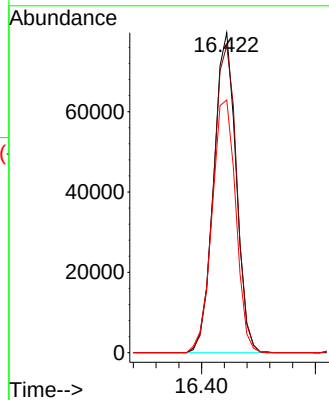
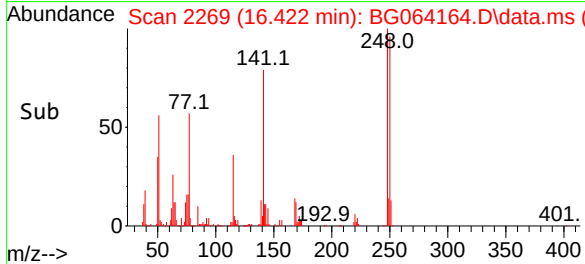
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



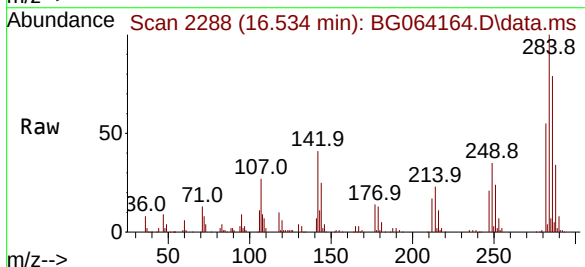
Tgt Ion:248 Resp: 10894  
Ion Ratio Lower Upper  
248 100  
250 96.1 77.1 115.7  
141 78.9 59.8 89.8

Manual Integrations  
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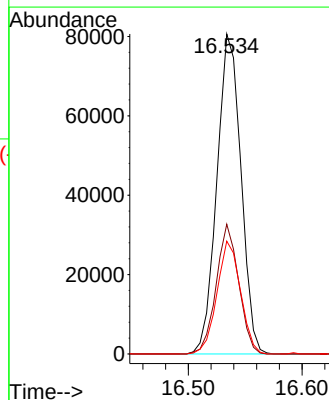
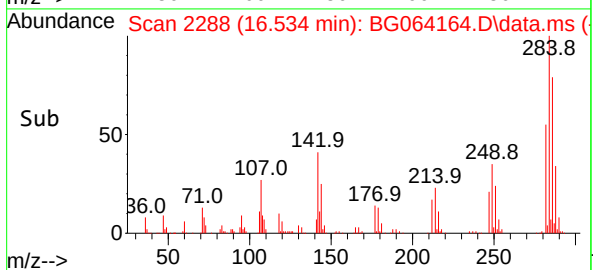
Reviewed By :Anahy Claudio 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025

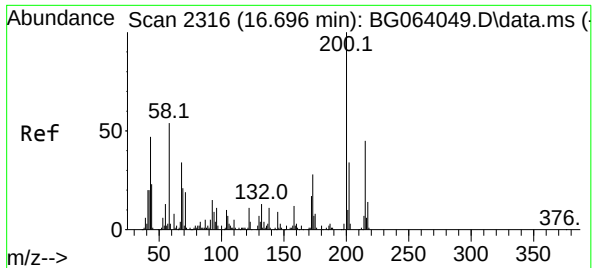


#68  
Hexachlorobenzene  
Concen: 40.062 ng  
RT: 16.534 min Scan# 2288  
Delta R.T. -0.003 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04



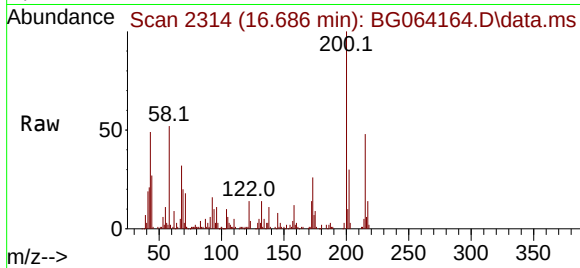
Tgt Ion:284 Resp: 118452  
Ion Ratio Lower Upper  
284 100  
142 40.6 30.6 45.8  
249 35.2 26.6 39.8





#69  
Atrazine  
Concen: 34.708 ng  
RT: 16.686 min Scan# 21  
Delta R.T. -0.010 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

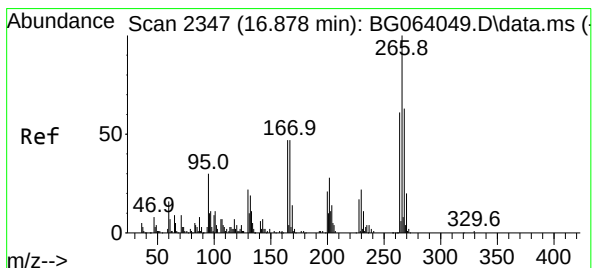
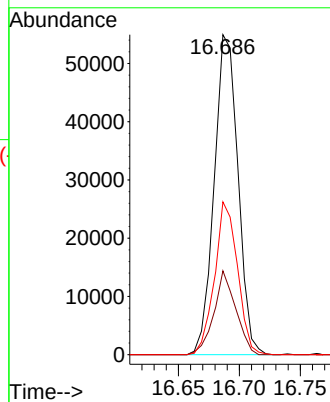
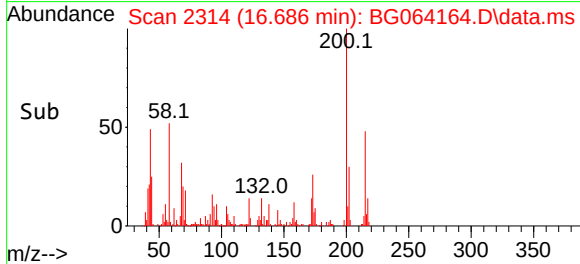
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:200 Resp: 74539  
Ion Ratio Lower Upper  
200 100  
173 26.2 8.2 48.2  
215 47.7 25.5 65.5

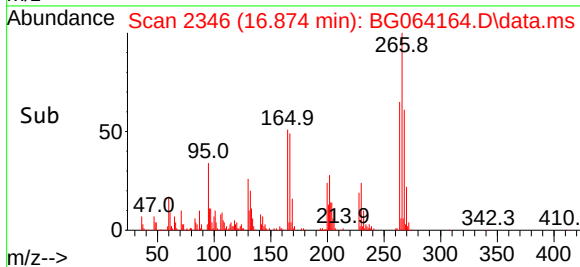
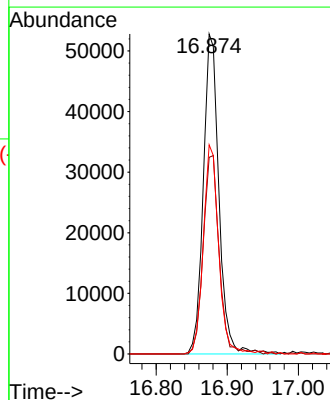
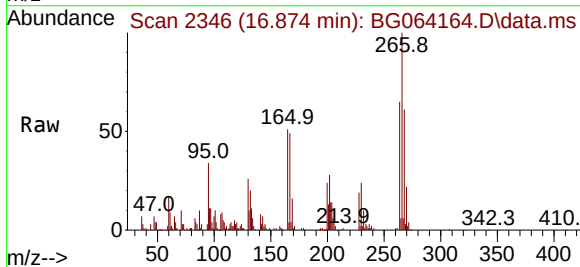
Manual Integrations  
APPROVED

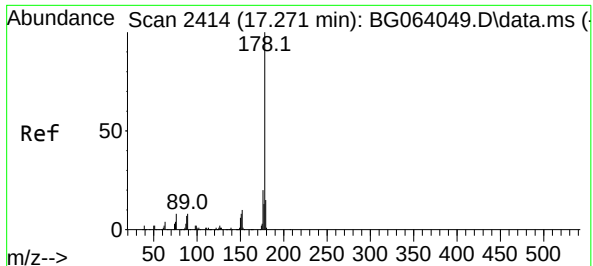
Reviewed By :Anahy Claudio 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#70  
Pentachlorophenol  
Concen: 43.996 ng  
RT: 16.874 min Scan# 2346  
Delta R.T. -0.004 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

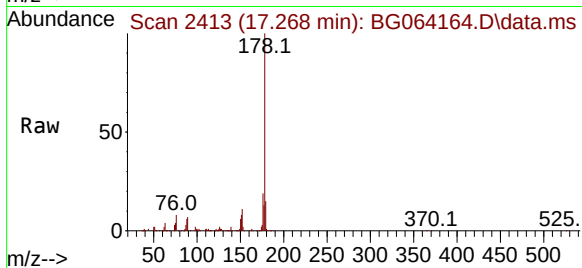
Tgt Ion:266 Resp: 80767  
Ion Ratio Lower Upper  
266 100  
268 61.5 50.2 75.4  
264 65.4 48.9 73.3





#71  
Phenanthrene  
Concen: 39.025 ng  
RT: 17.268 min Scan# 2414  
Delta R.T. -0.003 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

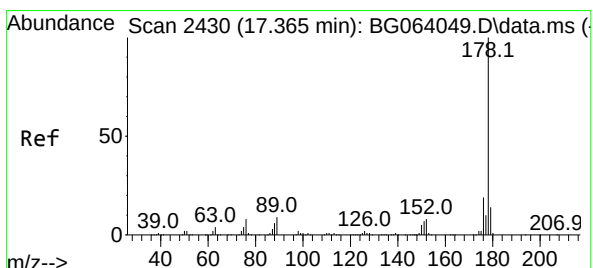
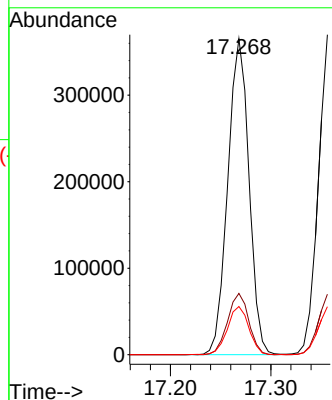
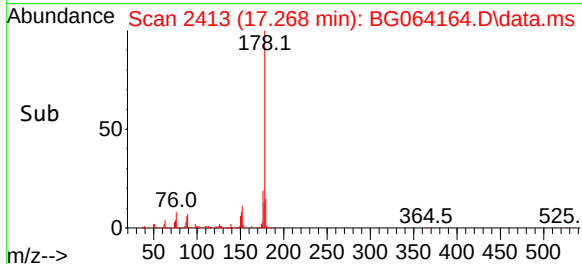
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



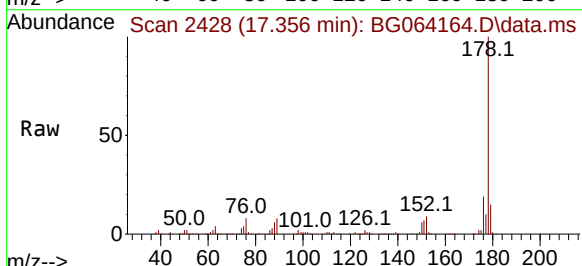
Tgt Ion:178 Resp: 536739  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.9 23.9  
179 15.3 12.2 18.2

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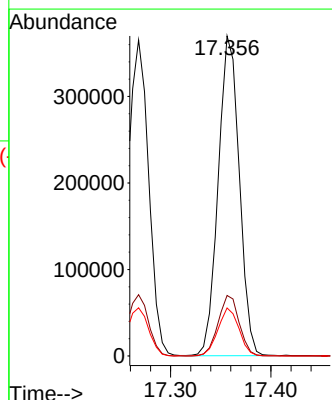
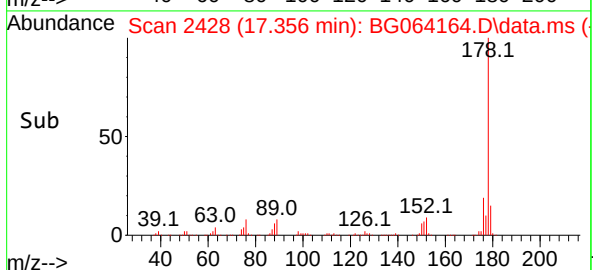
Reviewed By :Anahy Claudio 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025

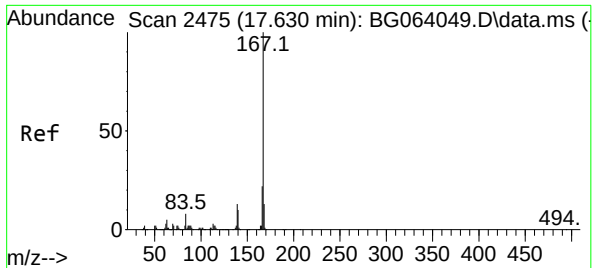


#72  
Anthracene  
Concen: 39.484 ng  
RT: 17.356 min Scan# 2428  
Delta R.T. -0.009 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04



Tgt Ion:178 Resp: 539984  
Ion Ratio Lower Upper  
178 100  
176 18.9 14.8 22.2  
179 15.0 11.5 17.3





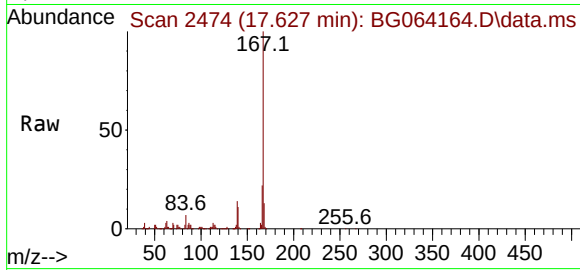
#73  
 Carbazole  
 Concen: 39.306 ng  
 RT: 17.627 min Scan# 2475  
 Delta R.T. -0.003 min  
 Lab File: BG064164.D  
 Acq: 3 Apr 2025 13:04

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040



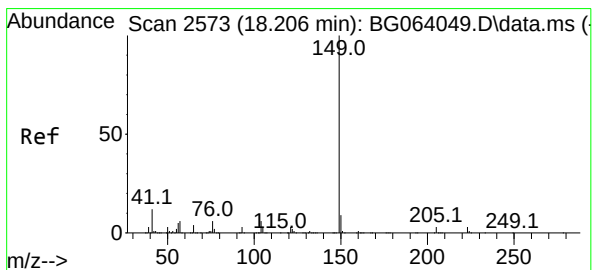
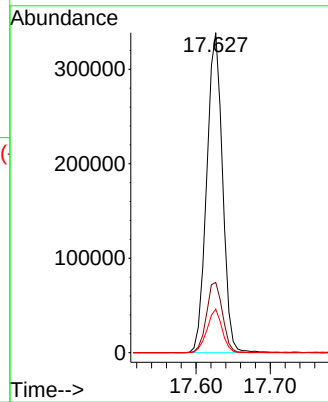
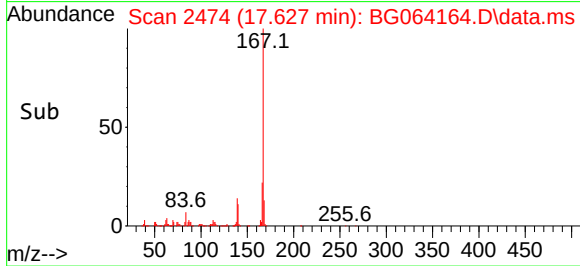
Tgt Ion:167 Resp: 50189

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.9  | 18.0  | 27.0  |
| 139 | 13.6  | 10.6  | 15.8  |

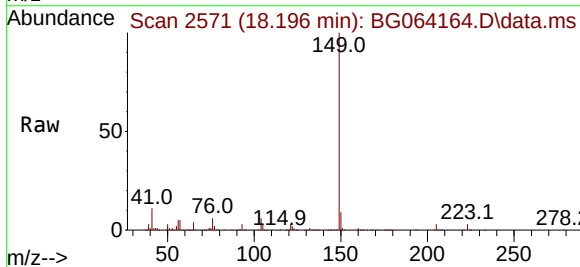
Manual Integrations

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Reviewed By :Anahy Claudio 04/04/2025  
 Supervised By :Jagrut Upadhyay 04/04/2025

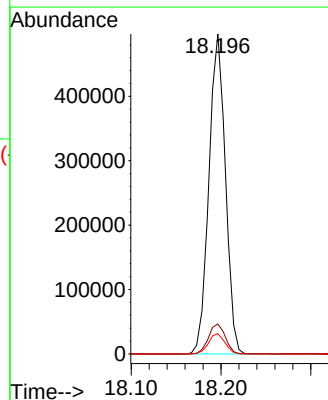
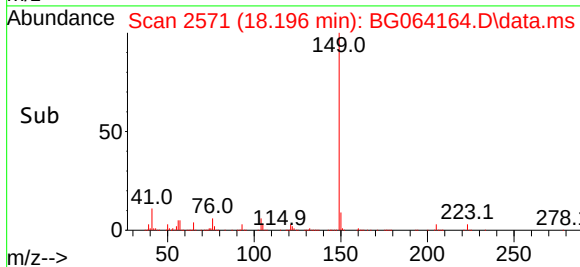


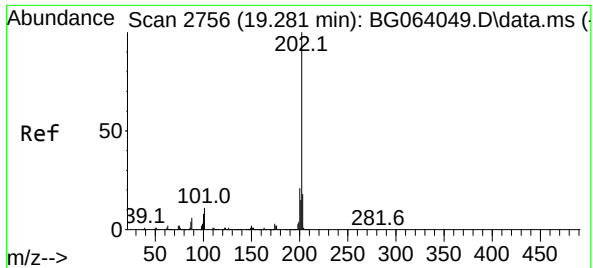
#74  
 Di-n-butylphthalate  
 Concen: 42.194 ng  
 RT: 18.196 min Scan# 2571  
 Delta R.T. -0.009 min  
 Lab File: BG064164.D  
 Acq: 3 Apr 2025 13:04



Tgt Ion:149 Resp: 634185

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.3   | 7.4   | 11.0  |
| 104 | 6.4   | 5.0   | 7.6   |





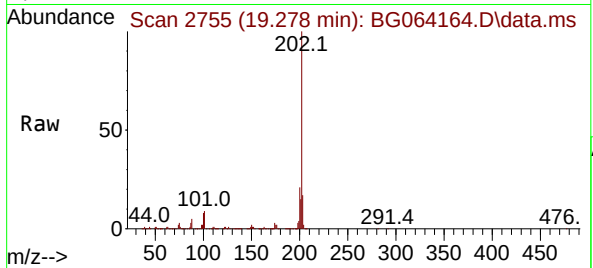
#75  
Fluoranthene  
Concen: 38.757 ng  
RT: 19.278 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

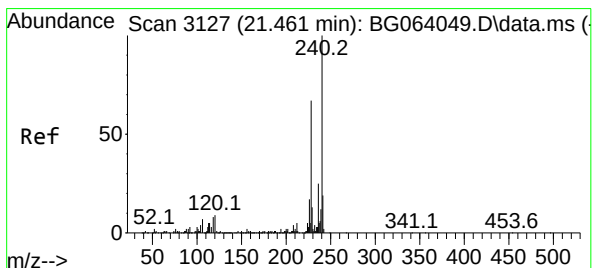
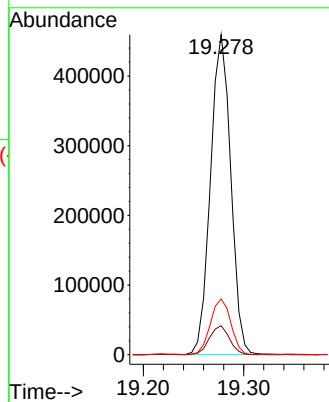
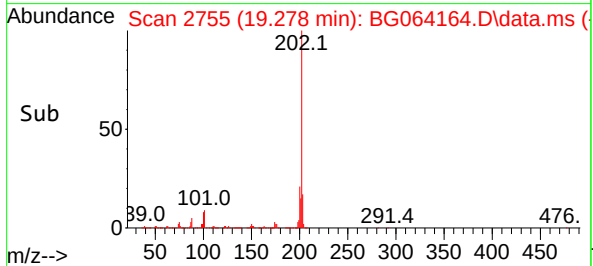


Tgt Ion:202 Resp: 642628  
Ion Ratio Lower Upper  
202 100  
101 9.1 0.0 30.5  
203 17.4 0.0 38.3

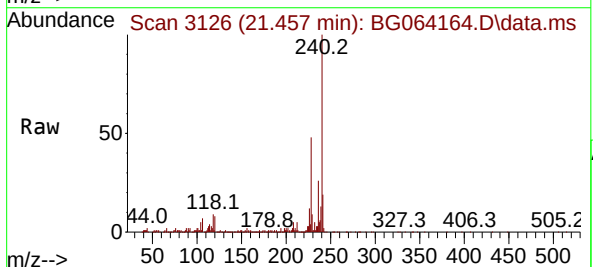
Manual Integrations

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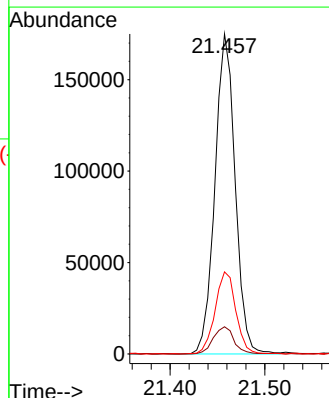
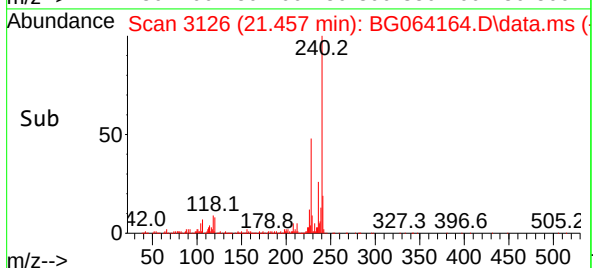
Reviewed By :Anahy Claudio 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025

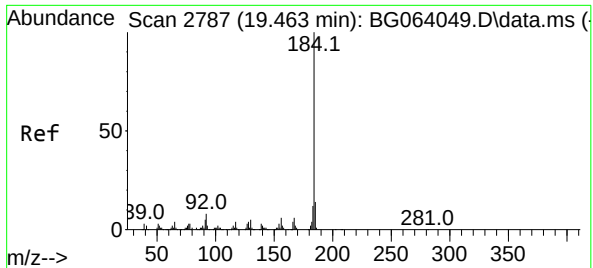


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.457 min Scan# 3126  
Delta R.T. -0.003 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04



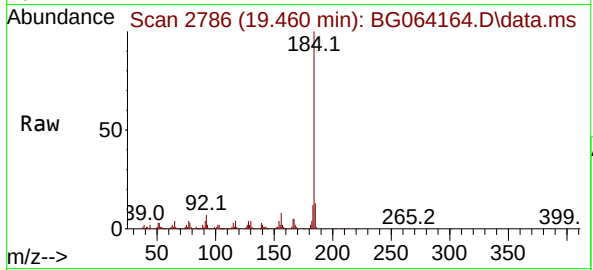
Tgt Ion:240 Resp: 259274  
Ion Ratio Lower Upper  
240 100  
120 8.5 7.2 10.8  
236 25.7 20.2 30.2





#77  
Benzidine  
Concen: 50.549 ng  
RT: 19.460 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

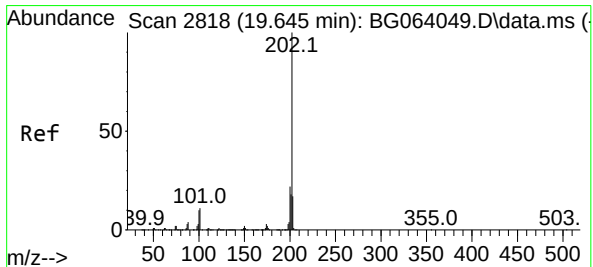
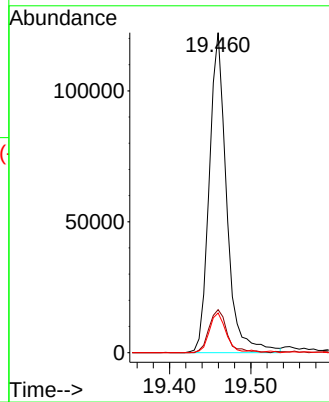
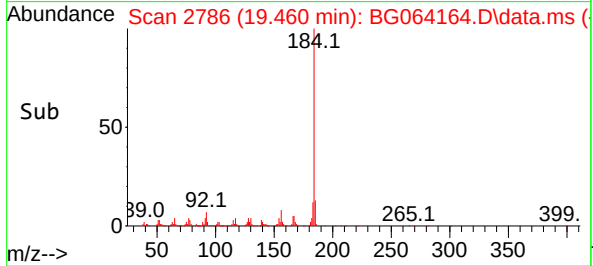
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:184 Resp: 18148  
Ion Ratio Lower Upper  
184 100  
185 13.5 11.3 16.9  
183 12.4 9.5 14.3

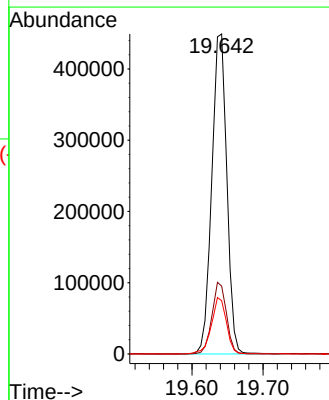
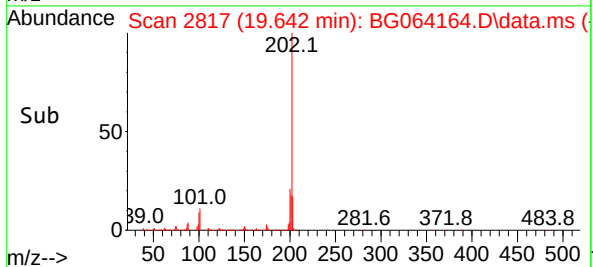
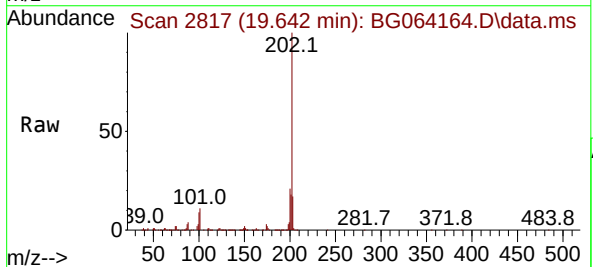
Manual Integrations  
**APPROVED**

Reviewed By :Anahy Claudio 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025

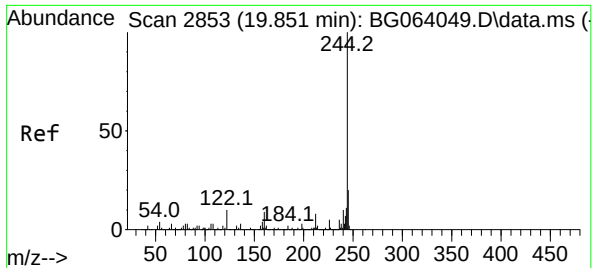


#78  
Pyrene  
Concen: 39.487 ng  
RT: 19.642 min Scan# 2817  
Delta R.T. -0.003 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

Tgt Ion:202 Resp: 659960  
Ion Ratio Lower Upper  
202 100  
200 21.2 17.3 25.9  
203 16.6 13.6 20.4

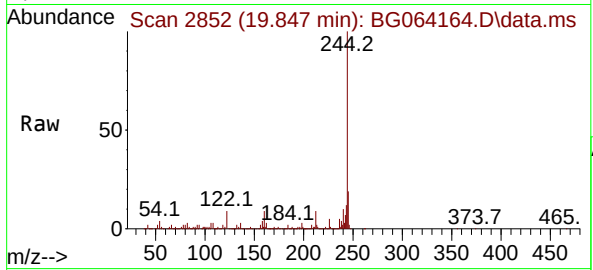






#79  
 Terphenyl-d14  
 Concen: 78.416 ng  
 RT: 19.847 min Scan# 2853  
 Delta R.T. -0.003 min  
 Lab File: BG064164.D  
 Acq: 3 Apr 2025 13:04

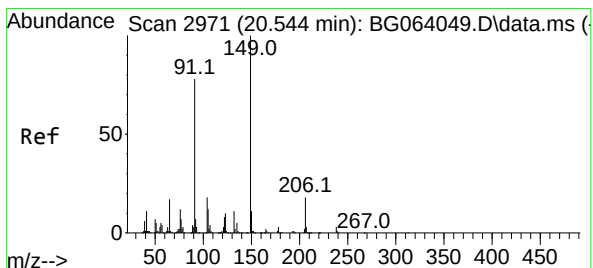
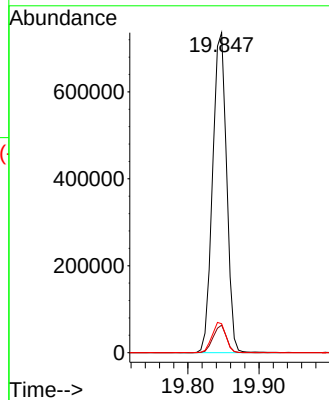
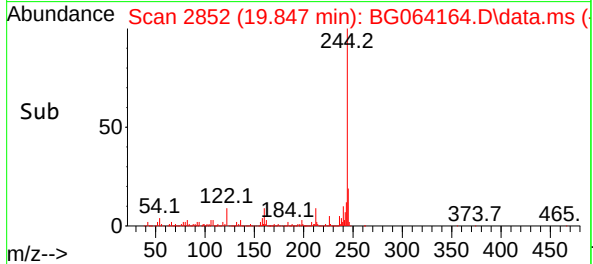
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040



Tgt Ion:244 Resp: 1005500  
 Ion Ratio Lower Upper  
 244 100  
 212 8.6 6.2 9.4  
 122 9.1 8.0 12.0

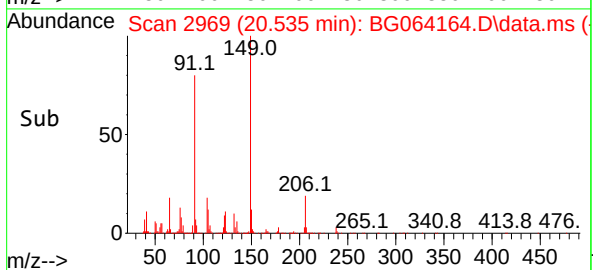
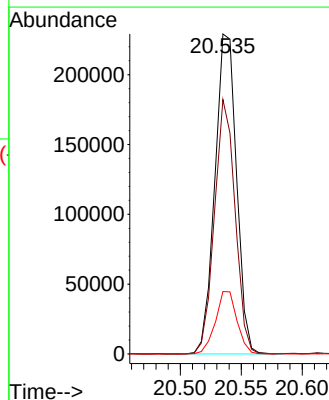
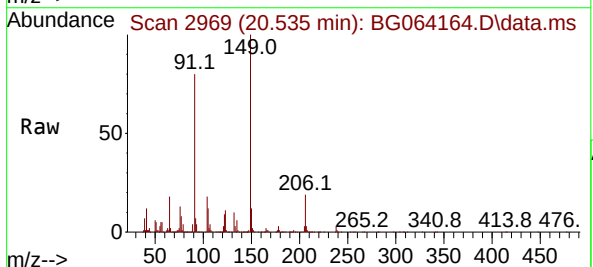
Manual Integrations  
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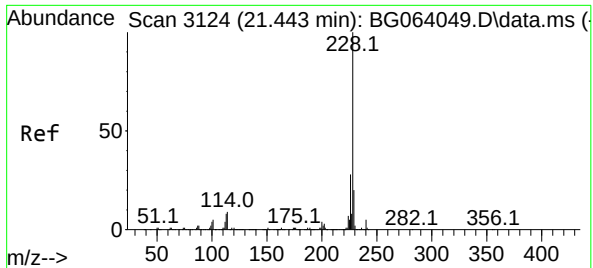
Reviewed By :Anahy Claudio 04/04/2025  
 Supervised By :Jagrut Upadhyay 04/04/2025



#80  
 Butylbenzylphthalate  
 Concen: 45.382 ng  
 RT: 20.535 min Scan# 2969  
 Delta R.T. -0.009 min  
 Lab File: BG064164.D  
 Acq: 3 Apr 2025 13:04

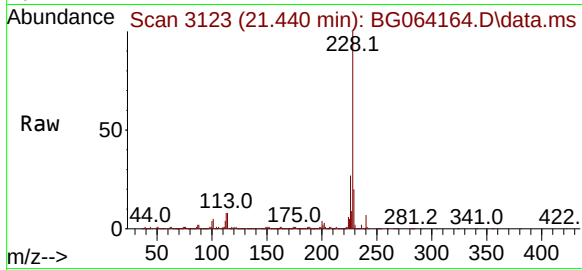
Tgt Ion:149 Resp: 283271  
 Ion Ratio Lower Upper  
 149 100  
 91 79.5 62.0 93.0  
 206 19.5 14.6 21.8





#81  
Benzo(a)anthracene  
Concen: 39.071 ng  
RT: 21.440 min Scan# 3110  
Delta R.T. -0.003 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

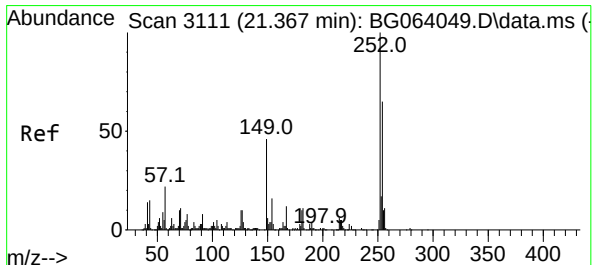
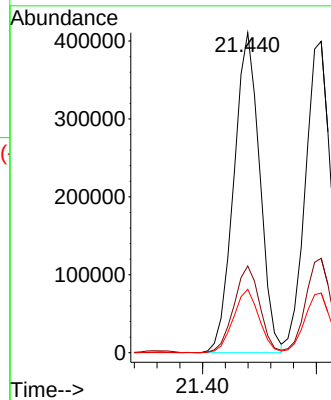
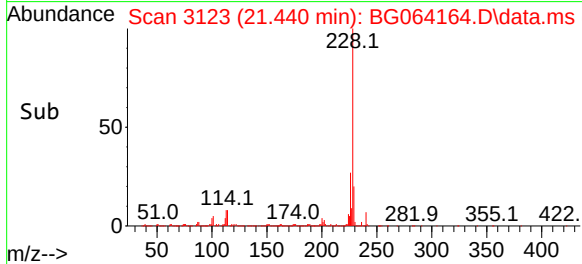
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:228 Resp: 64890  
Ion Ratio Lower Upper  
228 100  
226 27.1 22.2 33.2  
229 19.8 16.4 24.6

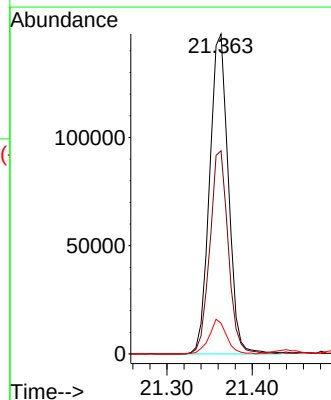
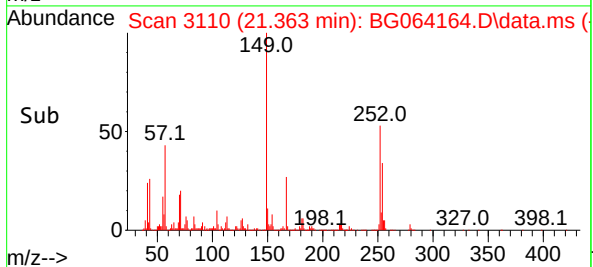
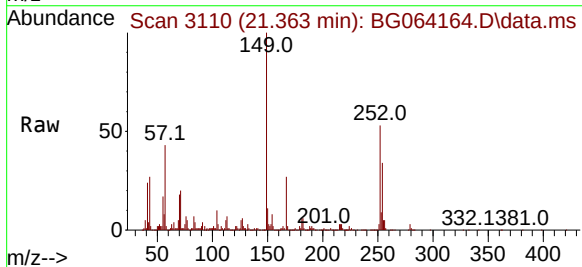
Manual Integrations  
APPROVED

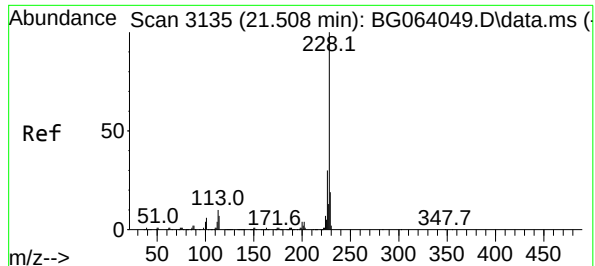
Reviewed By :Anahy Claudio 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#82  
3,3'-Dichlorobenzidine  
Concen: 41.927 ng  
RT: 21.363 min Scan# 3110  
Delta R.T. -0.003 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

Tgt Ion:252 Resp: 225362  
Ion Ratio Lower Upper  
252 100  
254 63.5 52.1 78.1  
126 9.6 7.8 11.8





#83

Chrysene

Concen: 37.700 ng

RT: 21.504 min Scan# 3111

Delta R.T. -0.003 min

Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 624492

Ion Ratio Lower Upper

228 100

226 30.3 23.9 35.9

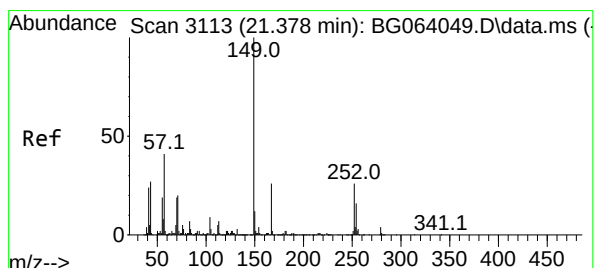
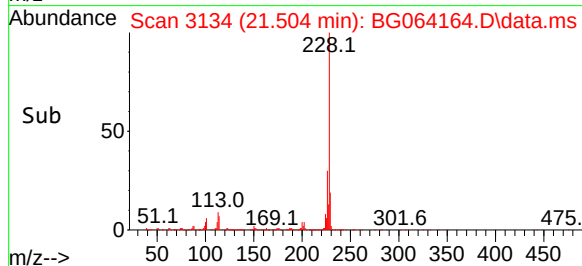
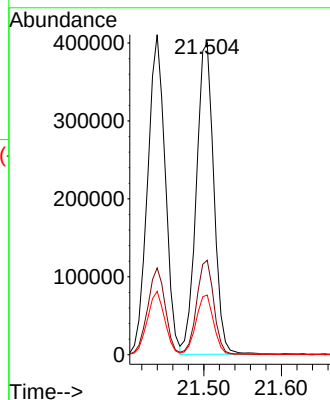
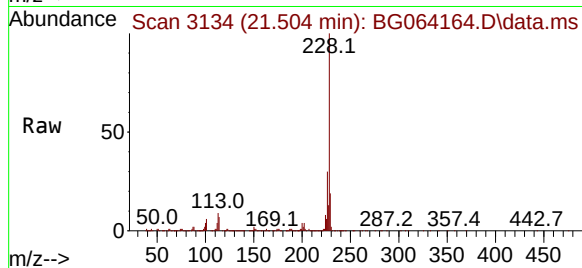
229 19.2 15.3 22.9

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.263 ng

RT: 21.369 min Scan# 3111

Delta R.T. -0.009 min

Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

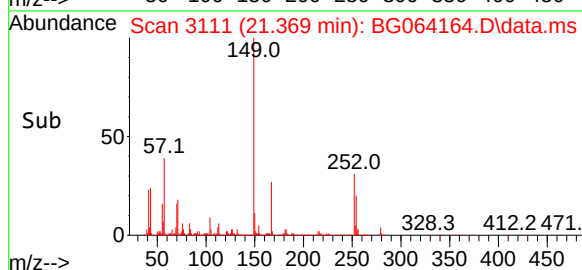
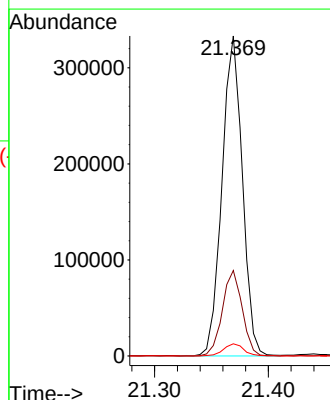
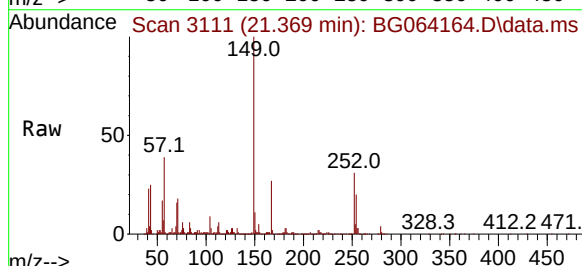
Tgt Ion:149 Resp: 415542

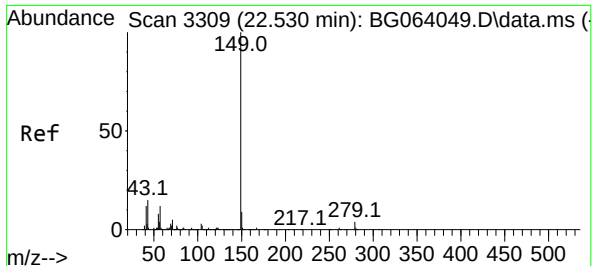
Ion Ratio Lower Upper

149 100

167 26.7 21.0 31.6

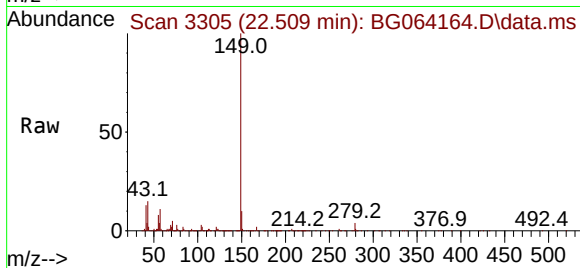
279 3.8 2.8 4.2





#85  
Di-n-octyl phthalate  
Concen: 46.390 ng  
RT: 22.509 min Scan# 31  
Delta R.T. -0.021 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

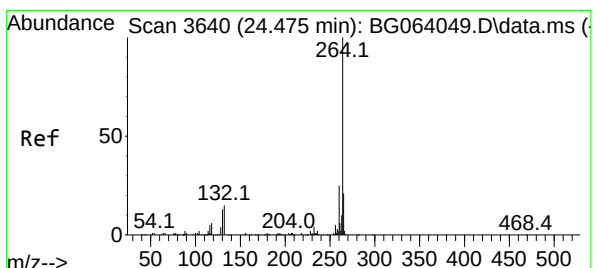
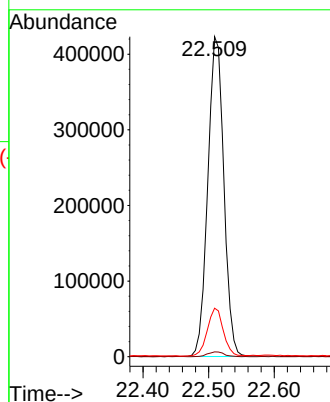
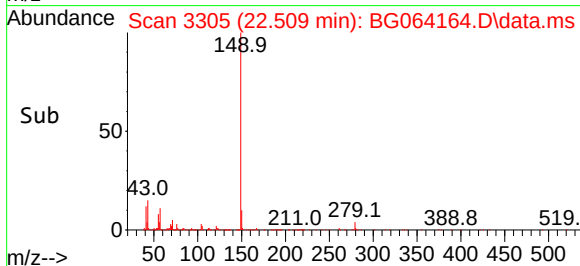
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:149 Resp: 718709  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 14.9 12.6 19.0

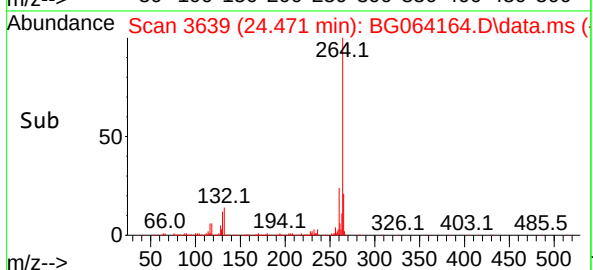
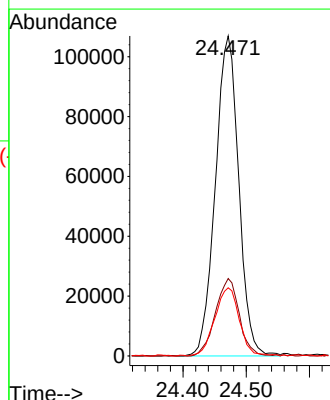
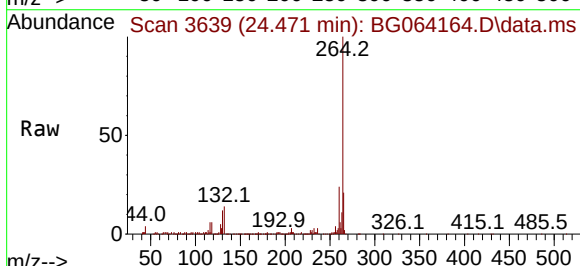
Manual Integrations  
APPROVED

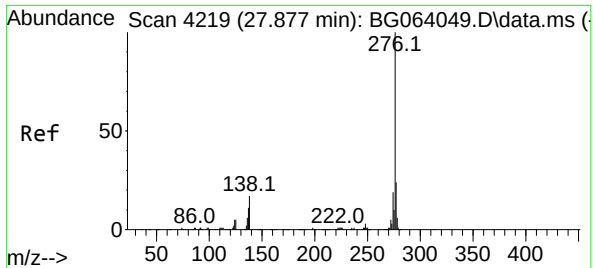
Reviewed By :Anahy Claudio 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.471 min Scan# 3639  
Delta R.T. -0.003 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

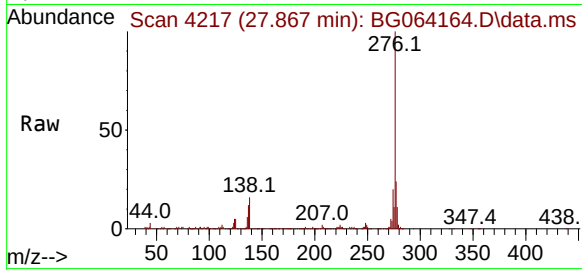
Tgt Ion:264 Resp: 274699  
Ion Ratio Lower Upper  
264 100  
260 24.2 19.6 29.4  
265 21.3 16.6 25.0





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 39.391 ng  
RT: 27.867 min Scan# 4219  
Delta R.T. -0.009 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

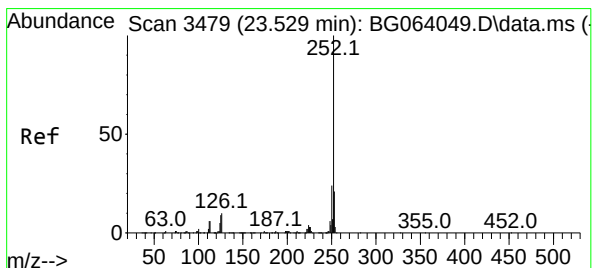
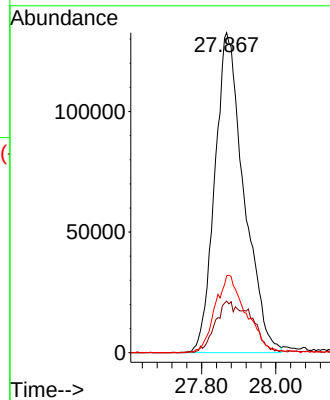
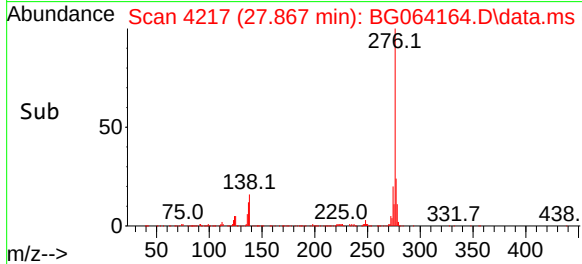
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:276 Resp: 723995  
Ion Ratio Lower Upper  
276 100  
138 13.3 12.1 18.1  
277 25.7 20.0 30.0

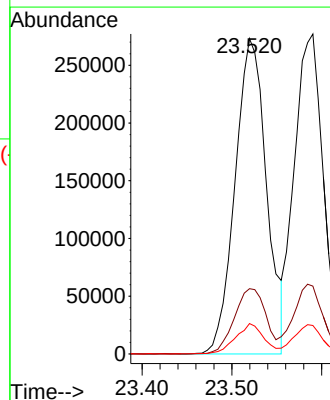
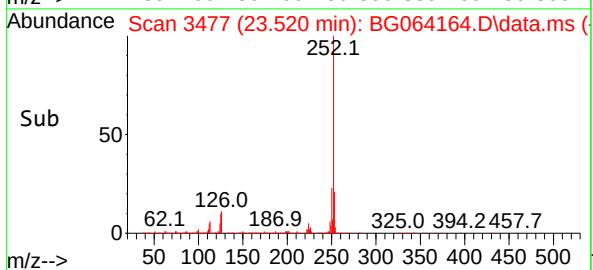
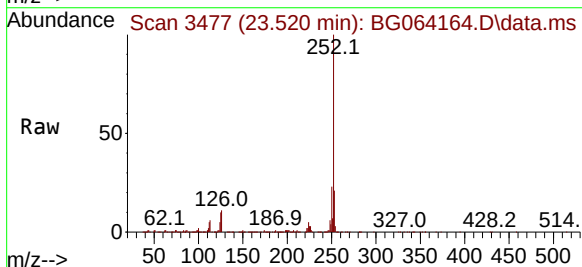
Manual Integrations  
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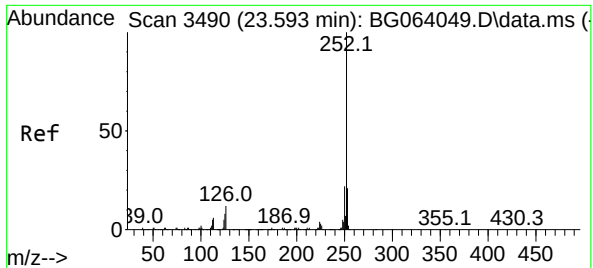
Reviewed By :Anahy Claudio 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#88  
Benzo(b)fluoranthene  
Concen: 40.004 ng  
RT: 23.520 min Scan# 3477  
Delta R.T. -0.009 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

Tgt Ion:252 Resp: 664324  
Ion Ratio Lower Upper  
252 100  
253 20.7 17.0 25.4  
125 9.7 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 36.961 ng

RT: 23.590 min Scan# 34

Delta R.T. -0.003 min

Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

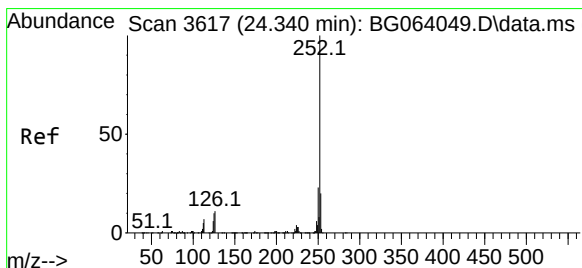
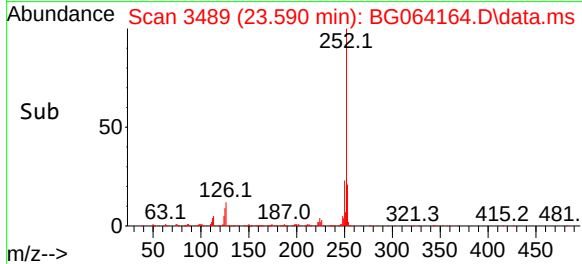
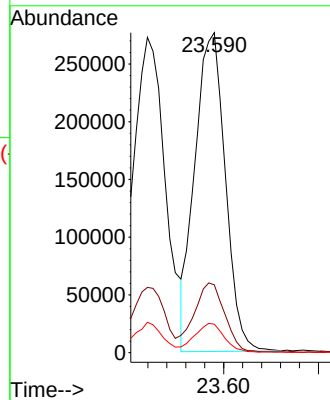
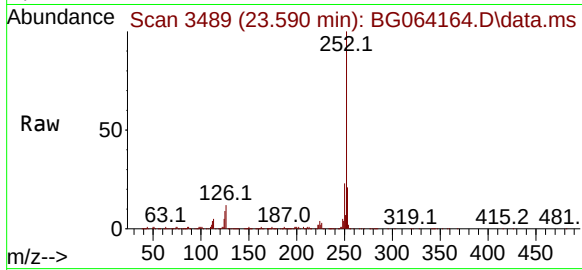
Tgt Ion:252 Resp: 61575

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.2  | 16.8  | 25.2  |
| 125 | 8.9   | 6.9   | 10.3  |

Manual Integrations

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Reviewed By :Anahy Claudio 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#90

Benzo(a)pyrene

Concen: 39.239 ng

RT: 24.330 min Scan# 3615

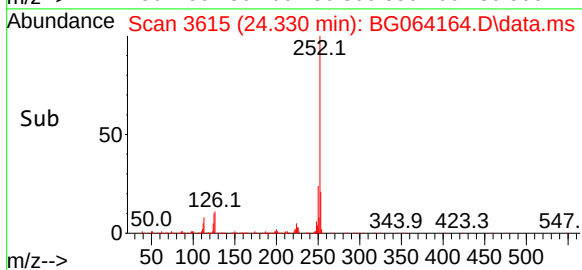
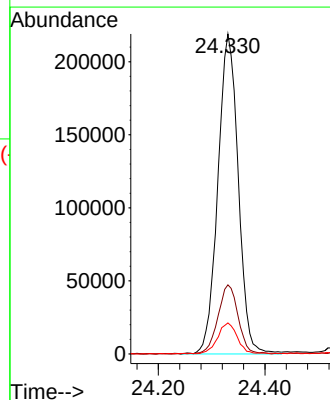
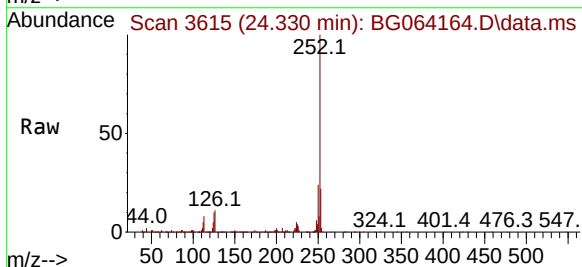
Delta R.T. -0.009 min

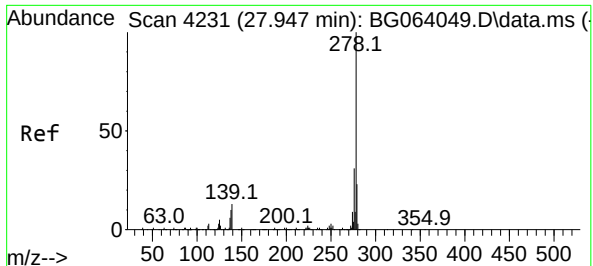
Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

Tgt Ion:252 Resp: 580328

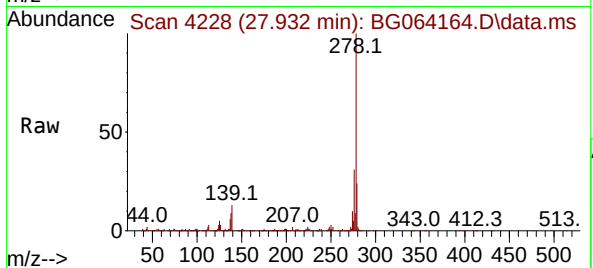
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.6  | 16.2  | 24.2  |
| 125 | 9.7   | 7.8   | 11.6  |





#91  
Dibenzo(a,h)anthracene  
Concen: 40.051 ng  
RT: 27.932 min Scan# 41  
Delta R.T. -0.015 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

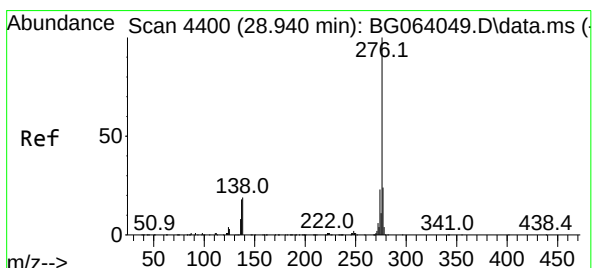
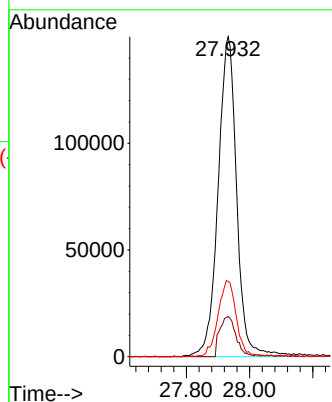
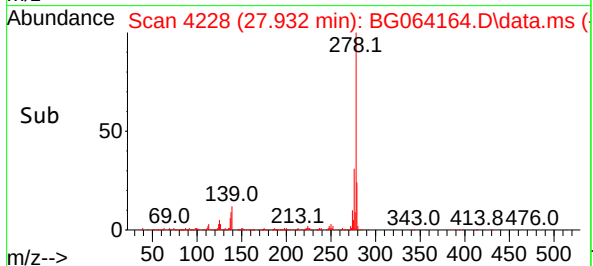
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:278 Resp: 610274  
Ion Ratio Lower Upper  
278 100  
139 12.5 10.2 15.2  
279 23.6 18.1 27.1

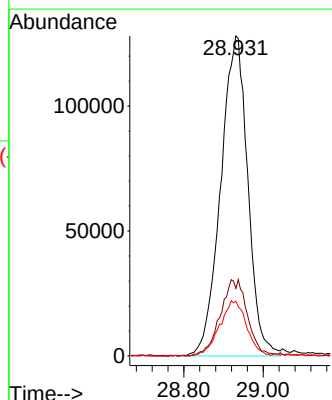
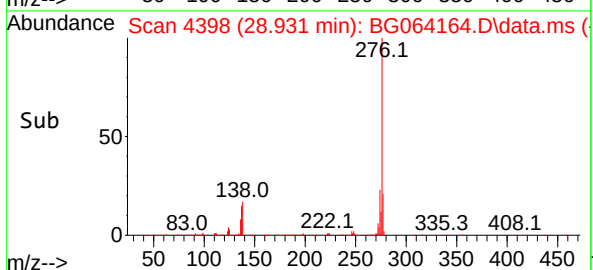
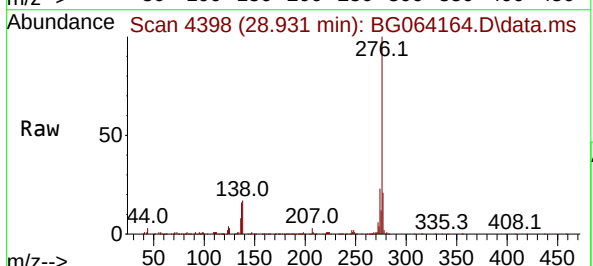
Manual Integrations  
APPROVED

Reviewed By :Anahy Claudio 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#92  
Benzo(g,h,i)perylene  
Concen: 38.770 ng  
RT: 28.931 min Scan# 4398  
Delta R.T. -0.009 min  
Lab File: BG064164.D  
Acq: 3 Apr 2025 13:04

Tgt Ion:276 Resp: 606526  
Ion Ratio Lower Upper  
276 100  
277 21.1 19.5 29.3  
138 17.1 15.4 23.0



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040325\  
 Data File : BG064164.D  
 Acq On : 3 Apr 2025 13:04  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC040

Quant Time: Apr 03 13:40:21 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 05 15:39:19 2025  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                    | AvgRF | CCRF  | %Dev   | Area% | Dev(min) |
|------|-----------------------------|-------|-------|--------|-------|----------|
| 1 I  | 1,4-Dichlorobenzene-d4      | 1.000 | 1.000 | 0.0    | 91    | 0.00     |
| 2    | 1,4-Dioxane                 | 0.580 | 0.514 | 11.4   | 80    | 0.00     |
| 3    | Pyridine                    | 1.412 | 1.238 | 12.3   | 72    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 1.009 | 0.934 | 7.4    | 80    | 0.00     |
| 5 S  | 2-Fluorophenol              | 1.281 | 1.216 | 5.1    | 82    | 0.00     |
| 6    | Aniline                     | 1.710 | 1.587 | 7.2    | 80    | 0.00     |
| 7 S  | Phenol-d6                   | 1.742 | 1.737 | 0.3    | 86    | 0.00     |
| 8    | 2-Chlorophenol              | 1.376 | 1.358 | 1.3    | 86    | 0.00     |
| 9    | Benzaldehyde                | 1.013 | 0.930 | 8.2    | 85    | 0.00     |
| 10 C | Phenol                      | 1.784 | 1.707 | 4.3    | 83    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 1.399 | 1.271 | 9.1    | 82    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 1.511 | 1.428 | 5.5    | 84    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.548 | 1.451 | 6.3    | 83    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 1.493 | 1.437 | 3.8    | 86    | 0.00     |
| 15   | Benzyl Alcohol              | 1.346 | 1.446 | -7.4   | 92    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 3.145 | 2.896 | 7.9    | 81    | 0.00     |
| 17   | 2-Methylphenol              | 1.184 | 1.221 | -3.1   | 88    | 0.00     |
| 18   | Hexachloroethane            | 0.542 | 0.568 | -4.8   | 90    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 1.223 | 1.233 | -0.8   | 85    | 0.00     |
| 20   | 3+4-Methylphenols           | 1.630 | 1.653 | -1.4   | 88    | 0.00     |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0    | 91    | 0.00     |
| 22   | Acetophenone                | 0.548 | 0.522 | 4.7    | 85    | 0.00     |
| 23 S | Nitrobenzene-d5             | 0.362 | 0.386 | -6.6   | 92    | 0.00     |
| 24   | Nitrobenzene                | 0.374 | 0.395 | -5.6   | 91    | 0.00     |
| 25   | Isophorone                  | 0.724 | 0.678 | 6.4    | 83    | 0.00     |
| 26 C | 2-Nitrophenol               | 0.112 | 0.158 | -41.1# | 118   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.217 | 0.222 | -2.3   | 89    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 0.439 | 0.418 | 4.8    | 86    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 0.274 | 0.292 | -6.6   | 93    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 0.331 | 0.325 | 1.8    | 89    | 0.00     |
| 31   | Naphthalene                 | 1.078 | 1.071 | 0.6    | 91    | 0.00     |
| 32   | Benzoic acid                | 0.170 | 0.252 | -48.2# | 134   | 0.00     |
| 33   | 4-Chloroaniline             | 0.394 | 0.399 | -1.3   | 87    | 0.00     |
| 34 C | Hexachlorobutadiene         | 0.217 | 0.220 | -1.4   | 92    | 0.00     |
| 35   | Caprolactam                 | 0.105 | 0.111 | -5.7   | 92    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 0.359 | 0.397 | -10.6  | 97    | 0.00     |
| 37   | 2-Methylnaphthalene         | 0.761 | 0.798 | -4.9   | 95    | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.746 | 0.785 | -5.2   | 95    | 0.00     |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0    | 100   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.571 | 0.557 | 2.5    | 95    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.161 | 0.224 | -39.1# | 128   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 0.222 | 0.261 | -17.6  | 108   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 0.337 | 0.362 | -7.4   | 101   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 0.374 | 0.411 | -9.9   | 101   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 1.318 | 1.287 | 2.4    | 94    | 0.00     |
| 46   | 1,1'-Biphenyl               | 1.511 | 1.451 | 4.0    | 94    | 0.00     |
| 47   | 2-Chloronaphthalene         | 1.102 | 1.045 | 5.2    | 92    | 0.00     |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040325\  
 Data File : BG064164.D  
 Acq On : 3 Apr 2025 13:04  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC040

Quant Time: Apr 03 13:40:21 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 05 15:39:19 2025  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                   | AvgRF | CCRF  | %Dev   | Area% | Dev(min) |
|------|----------------------------|-------|-------|--------|-------|----------|
| 48   | 2-Nitroaniline             | 0.318 | 0.396 | -24.5  | 113   | 0.00     |
| 49   | Acenaphthylene             | 1.743 | 1.673 | 4.0    | 93    | 0.00     |
| 50   | Dimethylphthalate          | 1.476 | 1.455 | 1.4    | 95    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 0.261 | 0.309 | -18.4  | 105   | 0.00     |
| 52 C | Acenaphthene               | 1.170 | 1.118 | 4.4    | 94    | 0.00     |
| 53   | 3-Nitroaniline             | 0.285 | 0.312 | -9.5   | 98    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 0.102 | 0.153 | -50.0# | 152#  | 0.00     |
| 55   | Dibenzofuran               | 1.895 | 1.831 | 3.4    | 94    | 0.00     |
| 56 P | 4-Nitrophenol              | 0.239 | 0.264 | -10.5  | 102   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 0.357 | 0.438 | -22.7  | 108   | 0.00     |
| 58   | Fluorene                   | 1.476 | 1.455 | 1.4    | 98    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.365 | 0.414 | -13.4  | 104   | -0.08    |
| 60   | Diethylphthalate           | 1.603 | 1.624 | -1.3   | 97    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 0.733 | 0.722 | 1.5    | 98    | 0.00     |
| 62   | 4-Nitroaniline             | 0.308 | 0.341 | -10.7  | 98    | 0.00     |
| 63   | Azobenzene                 | 1.710 | 1.636 | 4.3    | 93    | 0.00     |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0    | 99    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.076 | 0.112 | -47.4# | 149   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 0.566 | 0.554 | 2.1    | 95    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 0.205 | 0.211 | -2.9   | 100   | 0.00     |
| 68   | Hexachlorobenzene          | 0.229 | 0.230 | -0.4   | 100   | 0.00     |
| 69   | Atrazine                   | 0.167 | 0.145 | 13.2   | 90    | 0.00     |
| 70 C | Pentachlorophenol          | 0.142 | 0.157 | -10.6  | 105   | 0.00     |
| 71   | Phenanthrene               | 1.067 | 1.041 | 2.4    | 96    | 0.00     |
| 72   | Anthracene                 | 1.061 | 1.047 | 1.3    | 96    | 0.00     |
| 73   | Carbazole                  | 0.990 | 0.973 | 1.7    | 94    | 0.00     |
| 74   | Di-n-butylphthalate        | 1.166 | 1.230 | -5.5   | 97    | 0.00     |
| 75 C | Fluoranthene               | 1.286 | 1.246 | 3.1    | 94    | 0.00     |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0    | 95    | 0.00     |
| 77   | Benzidine                  | 0.277 | 0.350 | -26.4# | 106   | 0.00     |
| 78   | Pyrene                     | 1.289 | 1.273 | 1.2    | 92    | 0.00     |
| 79 S | Terphenyl-d14              | 0.989 | 0.970 | 1.9    | 92    | 0.00     |
| 80   | Butylbenzylphthalate       | 0.423 | 0.546 | -29.1# | 112   | 0.00     |
| 81   | Benzo(a)anthracene         | 1.281 | 1.251 | 2.3    | 91    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 0.415 | 0.435 | -4.8   | 92    | 0.00     |
| 83   | Chrysene                   | 1.278 | 1.204 | 5.8    | 88    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 0.693 | 0.801 | -15.6  | 101   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 1.195 | 1.386 | -16.0  | 106   | -0.02    |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0    | 95    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.338 | 1.318 | 1.5    | 91    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 1.209 | 1.209 | 0.0    | 94    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 1.213 | 1.121 | 7.6    | 85    | 0.00     |
| 90 C | Benzo(a)pyrene             | 1.077 | 1.056 | 1.9    | 90    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 1.109 | 1.111 | -0.2   | 93    | -0.01    |
| 92   | Benzo(g,h,i)perylene       | 1.139 | 1.104 | 3.1    | 91    | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040325\  
Data File : BG064164.D  
Acq On : 3 Apr 2025 13:04  
Operator : RC/JU  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTDCCC040

Quant Time: Apr 03 13:40:21 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Mar 05 15:39:19 2025  
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|----------|-------|------|------|-------|----------|
|----------|-------|------|------|-------|----------|

(#) = Out of Range

SPCC's out = 0 CCC's out = 1

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040325\  
 Data File : BG064164.D  
 Acq On : 3 Apr 2025 13:04  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC040

Quant Time: Apr 03 13:40:21 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 05 15:39:19 2025  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                    | Amount | Calc.  | %Dev   | Area% | Dev(min) |
|------|-----------------------------|--------|--------|--------|-------|----------|
| 1 I  | 1,4-Dichlorobenzene-d4      | 20.000 | 20.000 | 0.0    | 91    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 35.387 | 11.5   | 80    | 0.00     |
| 3    | Pyridine                    | 40.000 | 35.068 | 12.3   | 72    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 37.032 | 7.4    | 80    | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 75.960 | 5.1    | 82    | 0.00     |
| 6    | Aniline                     | 40.000 | 37.132 | 7.2    | 80    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 79.749 | 0.3    | 86    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 39.498 | 1.3    | 86    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 36.714 | 8.2    | 85    | 0.00     |
| 10 C | Phenol                      | 40.000 | 38.273 | 4.3    | 83    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 36.356 | 9.1    | 82    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 37.811 | 5.5    | 84    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 37.485 | 6.3    | 83    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 38.510 | 3.7    | 86    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 42.949 | -7.4   | 92    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 36.829 | 7.9    | 81    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 41.235 | -3.1   | 88    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 41.940 | -4.8   | 90    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 40.336 | -0.8   | 85    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 40.565 | -1.4   | 88    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0    | 91    | 0.00     |
| 22   | Acetophenone                | 40.000 | 38.113 | 4.7    | 85    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 85.429 | -6.8   | 92    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 42.235 | -5.6   | 91    | 0.00     |
| 25   | Isophorone                  | 40.000 | 37.430 | 6.4    | 83    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 48.689 | -21.7# | 118   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 40.907 | -2.3   | 89    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 38.083 | 4.8    | 86    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 42.643 | -6.6   | 93    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 39.309 | 1.7    | 89    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 39.722 | 0.7    | 91    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 50.168 | -25.4# | 134   | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 40.475 | -1.2   | 87    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 40.574 | -1.4   | 92    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 42.361 | -5.9   | 92    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 44.169 | -10.4  | 97    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 41.937 | -4.8   | 95    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 42.088 | -5.2   | 95    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0    | 100   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 39.010 | 2.5    | 95    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 55.656 | -39.1# | 128   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 93.837 | -17.3  | 108   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 42.978 | -7.4   | 101   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 43.945 | -9.9   | 101   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 78.142 | 2.3    | 94    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 38.424 | 3.9    | 94    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 37.945 | 5.1    | 92    | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040325\  
 Data File : BG064164.D  
 Acq On : 3 Apr 2025 13:04  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC040

Quant Time: Apr 03 13:40:21 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 05 15:39:19 2025  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                   | Amount | Calc.  | %Dev   | Area% | Dev(min) |
|------|----------------------------|--------|--------|--------|-------|----------|
| 48   | 2-Nitroaniline             | 40.000 | 44.074 | -10.2  | 113   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 38.382 | 4.0    | 93    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 39.426 | 1.4    | 95    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 41.696 | -4.2   | 105   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 38.229 | 4.4    | 94    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 43.696 | -9.2   | 98    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 51.990 | -30.0# | 152   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 38.644 | 3.4    | 94    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 44.070 | -10.2  | 102   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 42.785 | -7.0   | 108   | 0.00     |
| 58   | Fluorene                   | 40.000 | 39.423 | 1.4    | 98    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 45.389 | -13.5  | 104   | -0.08    |
| 60   | Diethylphthalate           | 40.000 | 40.534 | -1.3   | 97    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 39.373 | 1.6    | 98    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 44.300 | -10.7  | 98    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 38.258 | 4.4    | 93    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0    | 99    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 51.147 | -27.9# | 149   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 39.119 | 2.2    | 95    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 41.251 | -3.1   | 100   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 40.062 | -0.2   | 100   | 0.00     |
| 69   | Atrazine                   | 40.000 | 34.708 | 13.2   | 90    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 43.996 | -10.0  | 105   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 39.025 | 2.4    | 96    | 0.00     |
| 72   | Anthracene                 | 40.000 | 39.484 | 1.3    | 96    | 0.00     |
| 73   | Carbazole                  | 40.000 | 39.306 | 1.7    | 94    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 42.194 | -5.5   | 97    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 38.757 | 3.1    | 94    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0    | 95    | 0.00     |
| 77   | Benzydine                  | 40.000 | 50.549 | -26.4# | 106   | 0.00     |
| 78   | Pyrene                     | 40.000 | 39.487 | 1.3    | 92    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 78.416 | 2.0    | 92    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 45.382 | -13.5  | 112   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 39.071 | 2.3    | 91    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 41.927 | -4.8   | 92    | 0.00     |
| 83   | Chrysene                   | 40.000 | 37.700 | 5.7    | 88    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 46.263 | -15.7  | 101   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 46.390 | -16.0  | 106   | -0.02    |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0    | 95    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 39.391 | 1.5    | 91    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 40.004 | -0.0   | 94    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 36.961 | 7.6    | 85    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 39.239 | 1.9    | 90    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 40.051 | -0.1   | 93    | -0.01    |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 38.770 | 3.1    | 91    | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040325\  
Data File : BG064164.D  
Acq On : 3 Apr 2025 13:04  
Operator : RC/JU  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTDCCC040

Quant Time: Apr 03 13:40:21 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Mar 05 15:39:19 2025  
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|----------|--------|-------|------|-------|----------|
|----------|--------|-------|------|-------|----------|

(#) = Out of Range

SPCC's out = 0 CCC's out = 1



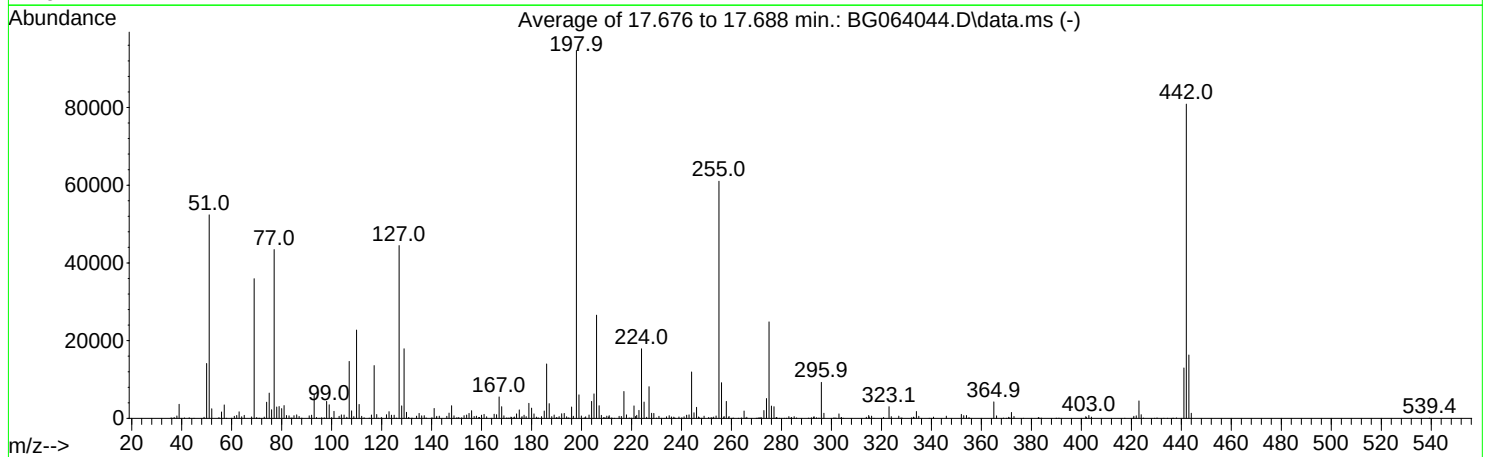
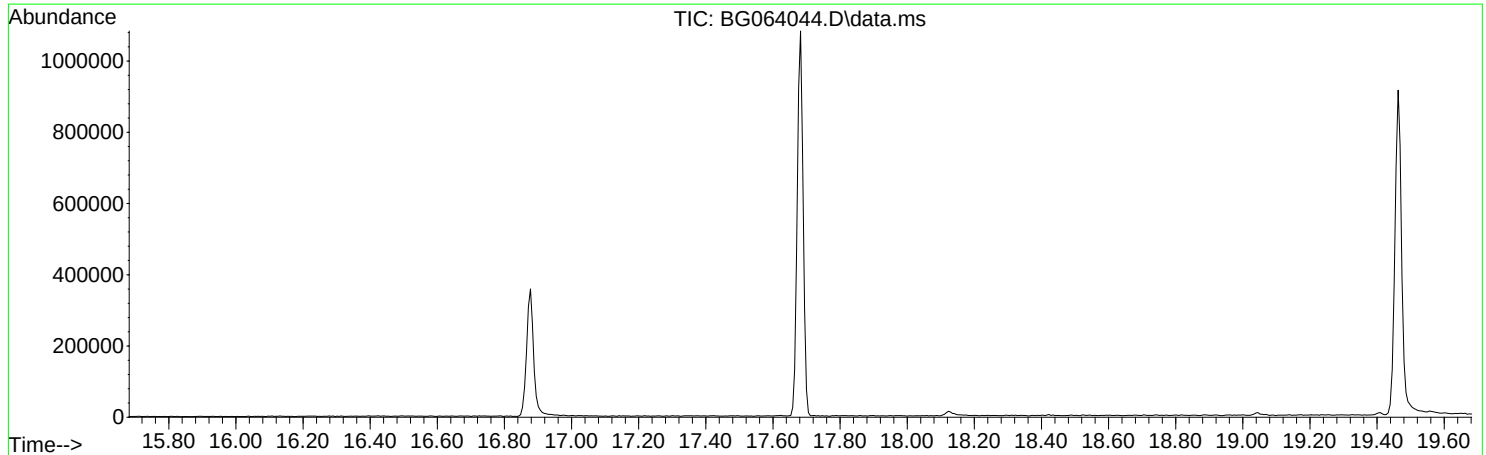
# QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030525\  
Data File : BG064044.D  
Acq On : 5 Mar 2025 8:15  
Operator : RC/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
Last Update : Wed Mar 05 15:39:19 2025



AutoFind: Scans 2483, 2484, 2485; Background Corrected with Scan 2476

| Target Mass | Rel. to Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Result Pass/Fail |
|-------------|--------------|--------------|--------------|-----------|---------|------------------|
| 51          | 198          | 10           | 80           | 55.3      | 52392   | PASS             |
| 68          | 69           | 0.00         | 2            | 1.1       | 386     | PASS             |
| 69          | 198          | 0.00         | 100          | 38.0      | 35944   | PASS             |
| 70          | 69           | 0.00         | 2            | 0.5       | 177     | PASS             |
| 127         | 198          | 10           | 80           | 47.0      | 44448   | PASS             |
| 197         | 198          | 0.00         | 2            | 0.6       | 541     | PASS             |
| 198         | 198          | 100          | 100          | 100.0     | 94661   | PASS             |
| 199         | 198          | 5            | 9            | 6.4       | 6065    | PASS             |
| 275         | 198          | 10           | 60           | 26.2      | 24824   | PASS             |
| 365         | 198          | 1            | 100          | 4.5       | 4228    | PASS             |
| 441         | 198          | 0.01         | 100          | 13.7      | 12975   | PASS             |
| 442         | 442          | 50           | 100          | 100.0     | 80851   | PASS             |
| 443         | 442          | 15           | 24           | 20.2      | 16317   | PASS             |

### DDT Breakdown

| Date          | Instrument Name  | DFTPP Data File    |
|---------------|------------------|--------------------|
| 3/5/2025      | BNA_G            | <u>BG064044.D</u>  |
|               |                  |                    |
|               |                  |                    |
| Compound Name | Response         | Retention Time     |
|               |                  |                    |
| DDT           | 173171           | 20.702             |
| DDD           | 5056             | 20.256             |
| DDE           | 59               | 19.762             |
|               |                  |                    |
|               |                  |                    |
| SUM(DDD+DDE)  | SUM(DDT+DDD+DDE) | % Breakdown Of DDT |
|               |                  |                    |
| 5115          | 178286           | 2.87               |
|               |                  |                    |

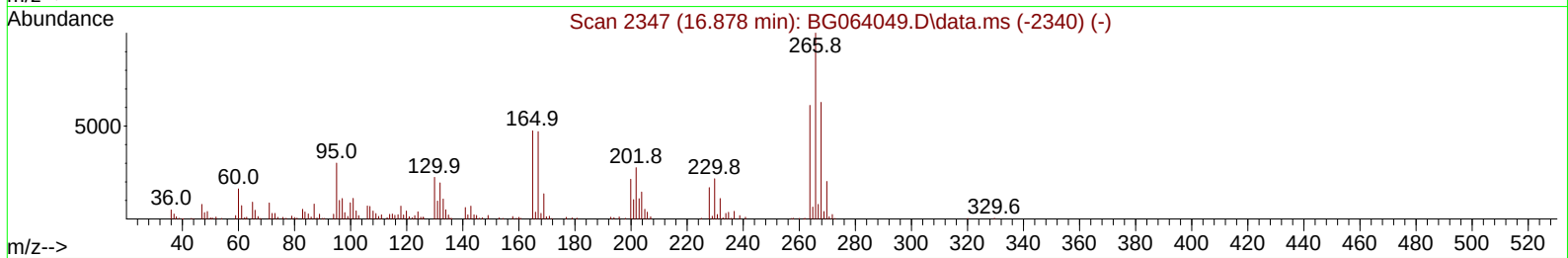
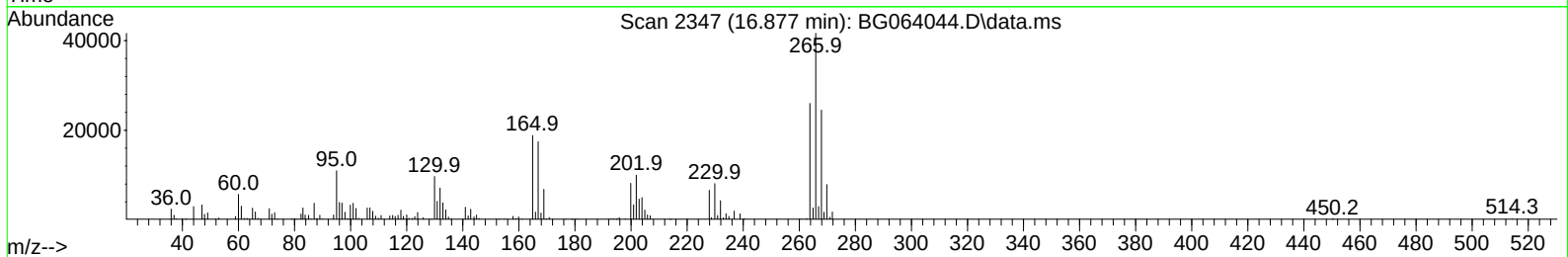
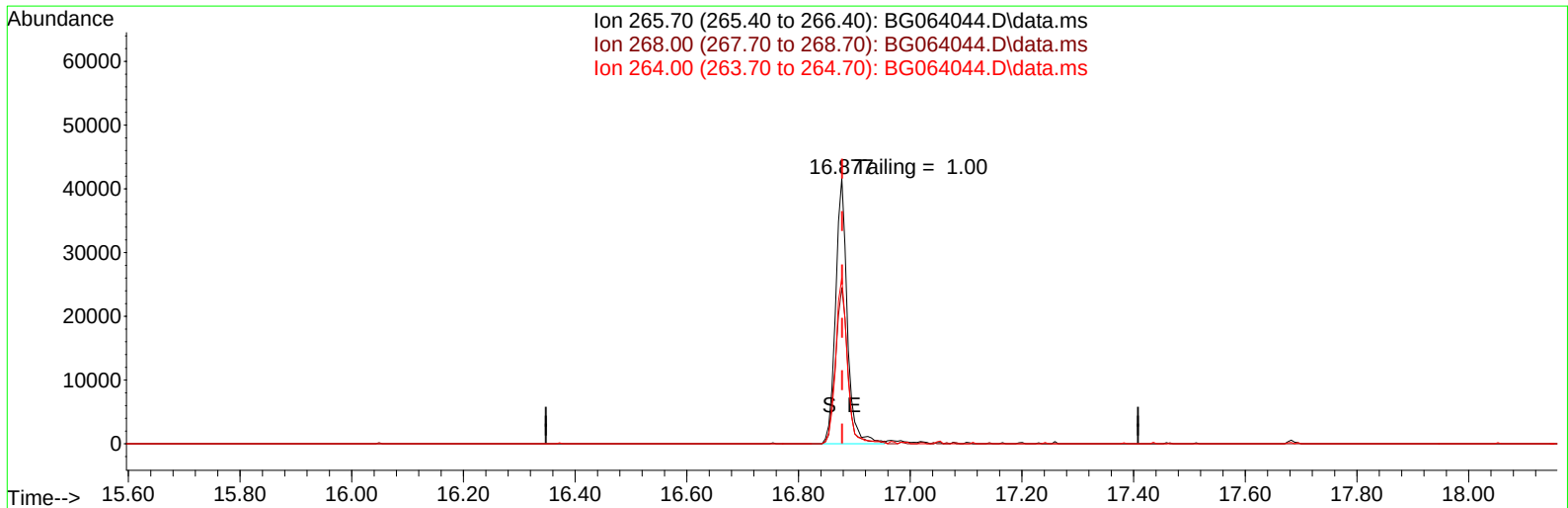
Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030525\  
Data File : BG064044.D  
Acq On : 5 Mar 2025 8:15  
Operator : RC/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP

Quant Time: Mar 05 15:40:12 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Mar 05 15:39:19 2025  
Response via : Initial Calibration



TIC: BG064044.D\data.ms

**(70) Pentachlorophenol (C)**

**16.877min (-0.001) 14067.66 ng**

**response 60892**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 265.70 | 100.00 | 100.00 |
| 268.00 | 62.80  | 58.85  |
| 264.00 | 61.10  | 62.43  |
| 0.00   | 0.00   | 0.00   |

**Instrument :**  
BNA\_G  
**ClientSampleId :**  
DFTPP

Abundance

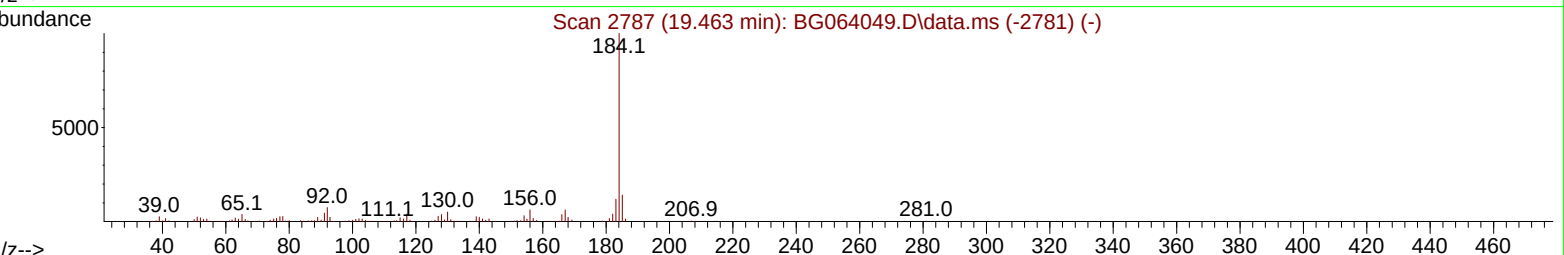
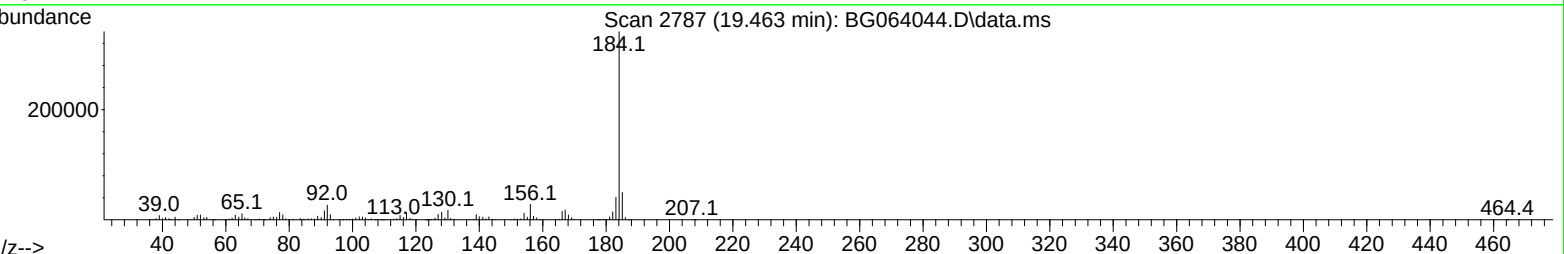
Ion 184.00 (183.70 to 184.70): BG064044.D\data.ms  
Ion 185.00 (184.70 to 185.70): BG064044.D\data.ms  
Ion 183.00 (182.70 to 183.70): BG064044.D\data.ms

19.453  
Tail = 1.13

S.E

18d 5d 3d 9d

me--> 18.20 18.40 18.60 18.80 19.00 19.20 19.40 19.60 19.80 20.00 20.20 20.40 20.60 20.80 21.00



TIC: BG064044.D\data.ms

**response**      **523350**

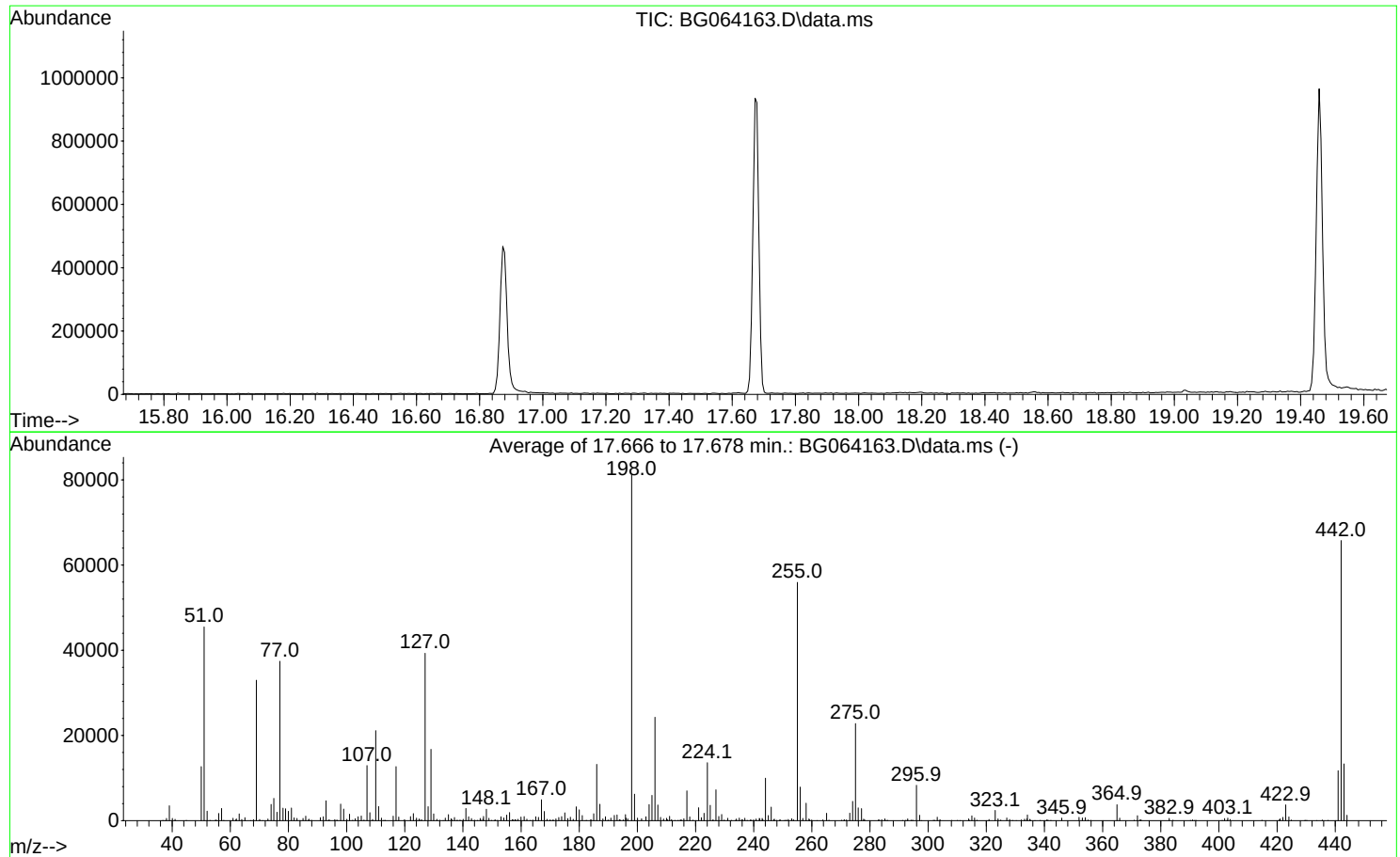
| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 184.00 | 100.00 | 100.00 |
| 185.00 | 14.10  | 14.57  |
| 183.00 | 11.90  | 11.97  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040325\  
Data File : BG064163.D  
Acq On : 3 Apr 2025 12:24  
Operator : RC/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
Last Update : Wed Mar 05 15:39:19 2025



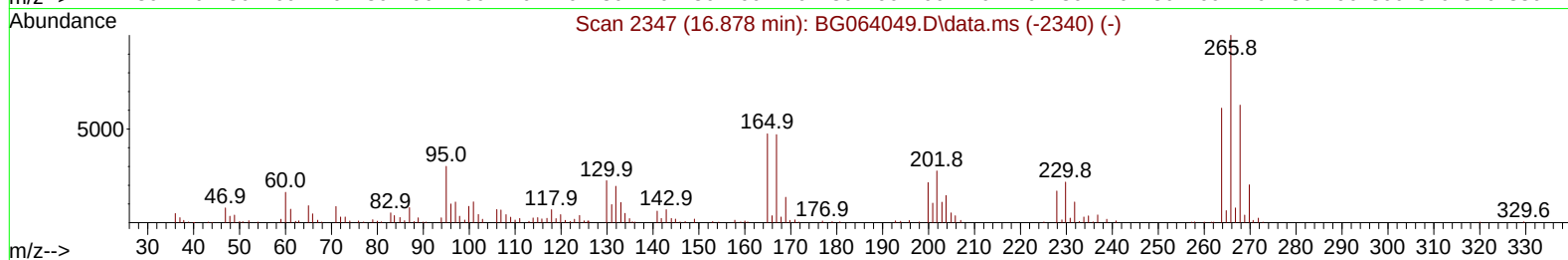
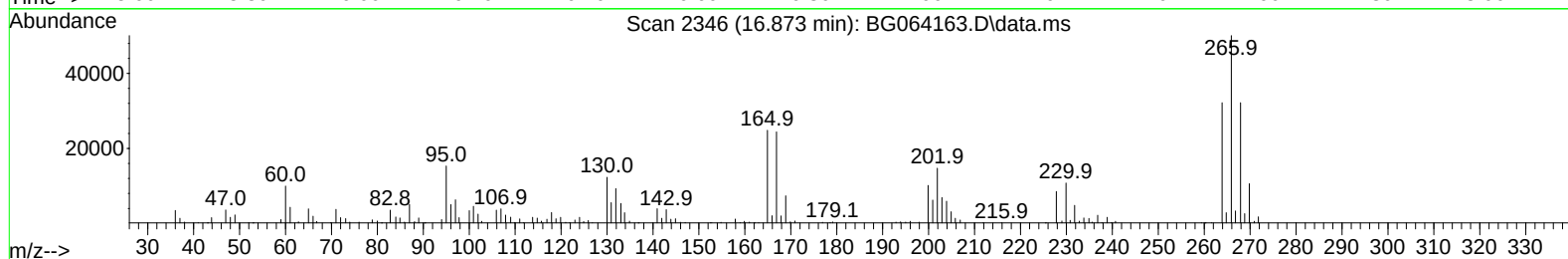
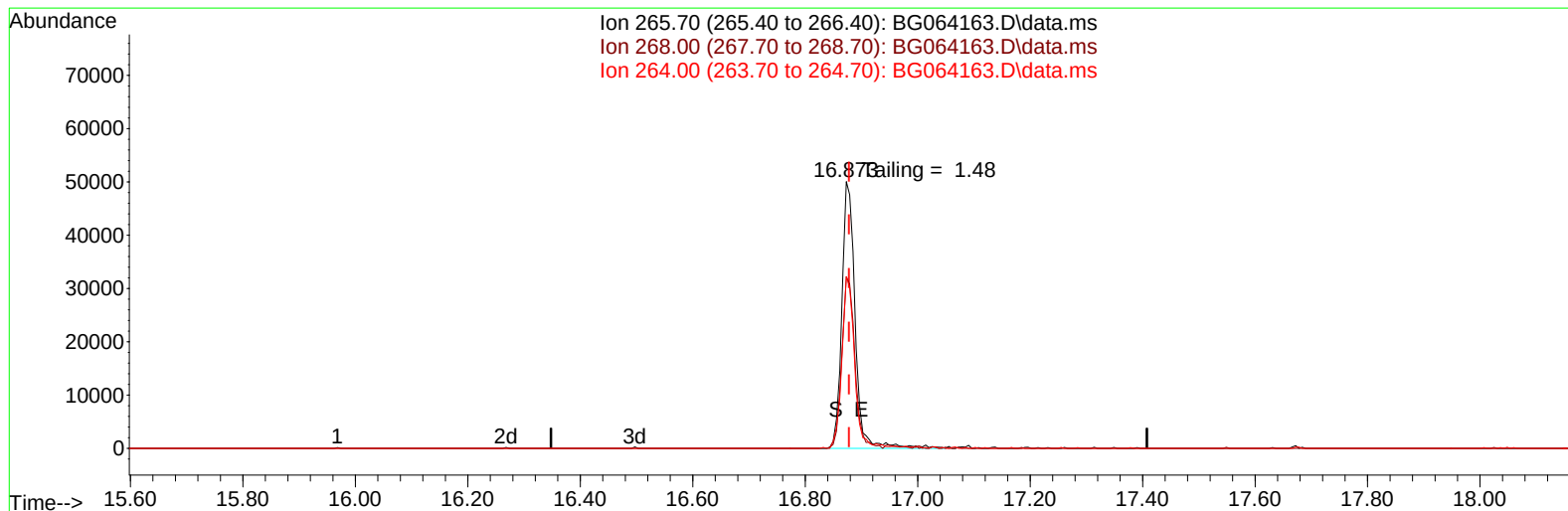
AutoFind: Scans 2481, 2482, 2483; Background Corrected with Scan 2475

| Target<br>Mass | Rel. to<br>Mass | Lower<br>Limit% | Upper<br>Limit% | Rel.<br>Abn% | Raw<br>Abn | Result<br>Pass/Fail |
|----------------|-----------------|-----------------|-----------------|--------------|------------|---------------------|
| 51             | 198             | 10              | 80              | 56.0         | 45483      | PASS                |
| 68             | 69              | 0.00            | 2               | 0.8          | 258        | PASS                |
| 69             | 198             | 0.00            | 100             | 40.6         | 32958      | PASS                |
| 70             | 69              | 0.00            | 2               | 0.8          | 268        | PASS                |
| 127            | 198             | 10              | 80              | 48.4         | 39301      | PASS                |
| 197            | 198             | 0.00            | 2               | 0.5          | 417        | PASS                |
| 198            | 198             | 100             | 100             | 100.0        | 81243      | PASS                |
| 199            | 198             | 5               | 9               | 7.7          | 6234       | PASS                |
| 275            | 198             | 10              | 60              | 28.1         | 22810      | PASS                |
| 365            | 198             | 1               | 100             | 4.6          | 3760       | PASS                |
| 441            | 198             | 0.01            | 100             | 14.4         | 11719      | PASS                |
| 442            | 442             | 50              | 100             | 100.0        | 65776      | PASS                |
| 443            | 442             | 15              | 24              | 20.2         | 13319      | PASS                |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040325\  
Data File : BG064163.D  
Acq On : 3 Apr 2025 12:24  
Operator : RC/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP

Quant Time: Apr 03 13:51:30 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Mar 05 15:39:19 2025  
Response via : Initial Calibration



TIC: BG064163.D\data.ms

**(70) Pentachlorophenol (C)**

16.873min (-0.005) 143328.78 ng m

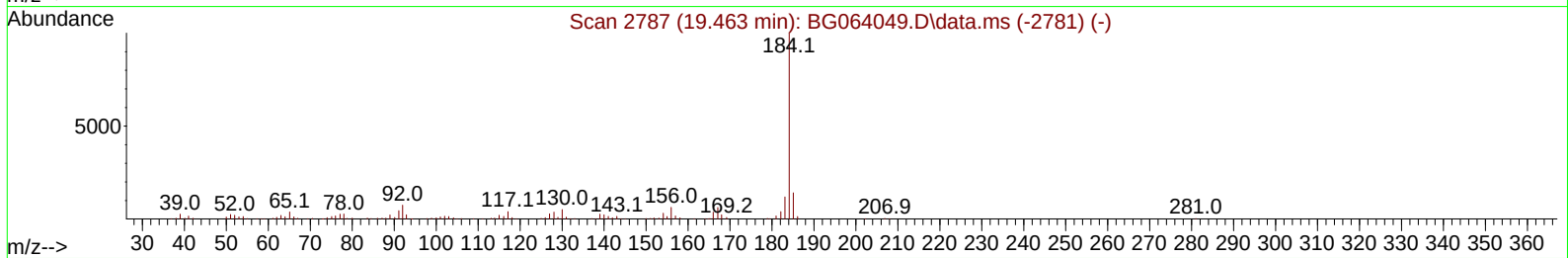
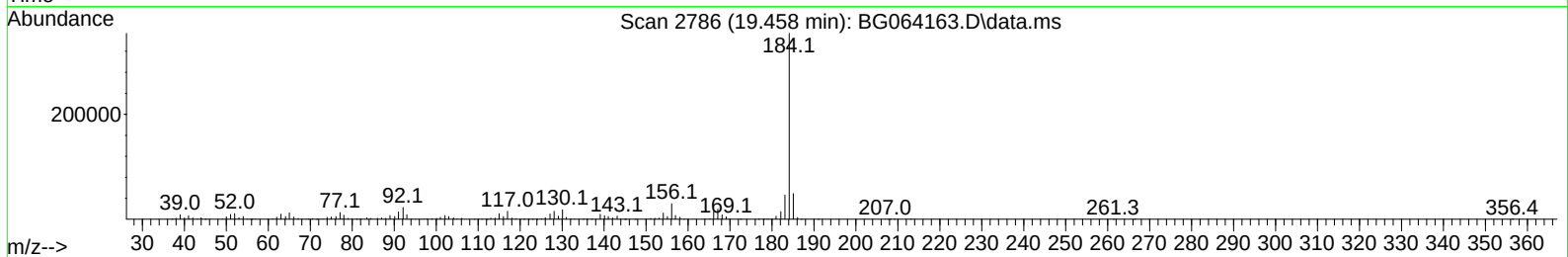
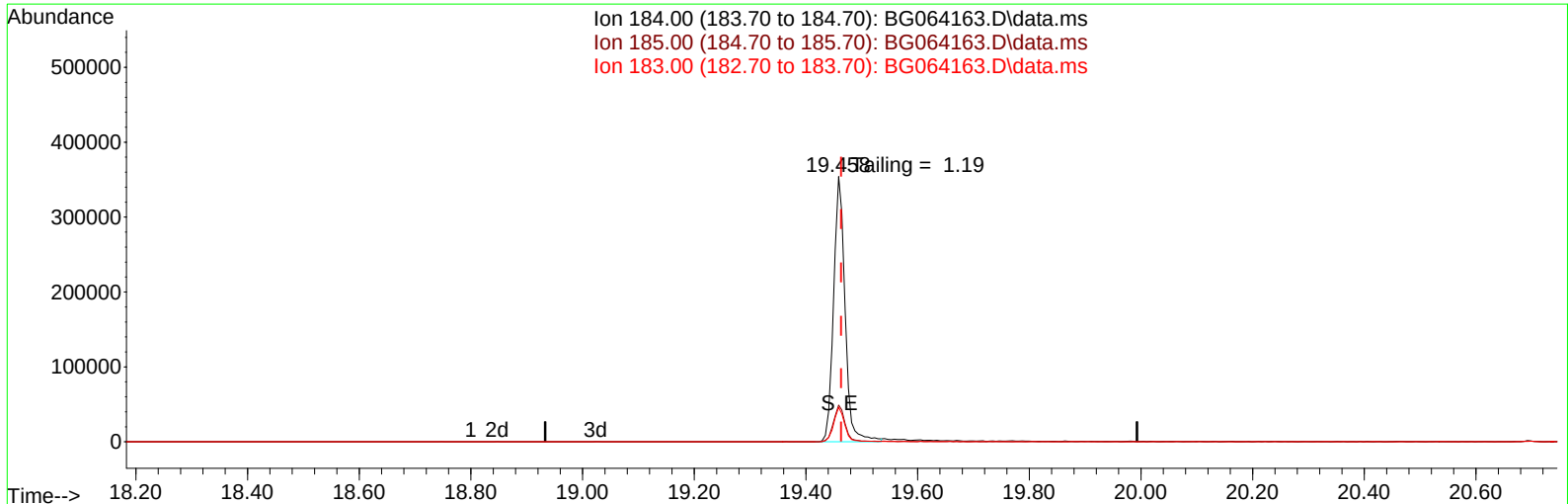
response 82652

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 265.70 | 100.00 | 100.00 |
| 268.00 | 62.80  | 64.32  |
| 264.00 | 61.10  | 64.32  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040325\  
Data File : BG064163.D  
Acq On : 3 Apr 2025 12:24  
Operator : RC/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP

Quant Time: Apr 03 13:51:30 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Mar 05 15:39:19 2025  
Response via : Initial Calibration



TIC: BG064163.D\data.ms

**(77) Benzdine**

19.458min (-0.005) 9423.30 ng m

response 527163

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 184.00 | 100.00 | 100.00 |
| 185.00 | 14.10  | 13.84  |
| 183.00 | 11.90  | 13.02  |
| 0.00   | 0.00   | 0.00   |

# DDT Breakdown

| Date          | Instrument Name  | DFTPP Data File    |
|---------------|------------------|--------------------|
| 4/3/2025      | BNA_G            | <u>BG064163.D</u>  |
|               |                  |                    |
|               |                  |                    |
| Compound Name | Response         | Retention Time     |
|               |                  |                    |
| DDT           | 247452           | 20.698             |
| DDD           | 6772             | 20.257             |
| DDE           | 773              | 19.752             |
|               |                  |                    |
|               |                  |                    |
| SUM(DDD+DDE)  | SUM(DDT+DDD+DDE) | % Breakdown Of DDT |
|               |                  |                    |
| 7545          | 254997           | 2.96               |
|               |                  |                    |

Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP

## Report of Analysis

|                    |                  |                 |                  |
|--------------------|------------------|-----------------|------------------|
| Client:            | G Environmental  | Date Collected: |                  |
| Project:           | TGP              | Date Received:  |                  |
| Client Sample ID:  | PB167451BL       | SDG No.:        | Q1690            |
| Lab Sample ID:     | PB167451BL       | Matrix:         | Water            |
| Analytical Method: | SW8270           | % Solid:        | 0                |
| Sample Wt/Vol:     | 1000 Units: mL   | Final Vol:      | 1000 uL          |
| Soil Aliquot Vol:  | uL               | Test:           | SVOC-TCL BNA -20 |
| Extraction Type :  | Decanted : N     | Level :         | LOW              |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup :   | N PH :           |
| Prep Method :      | SW3510C          |                 |                  |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BG064174.D        | 1         | 04/03/25 10:10 | 04/03/25 19:58 | PB167451      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |            |       |
| 100-52-7       | Benzaldehyde                | 3.90  | U         | 3.90 | 10.0       | ug/L  |
| 108-95-2       | Phenol                      | 0.91  | U         | 0.91 | 5.00       | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether     | 0.81  | U         | 0.81 | 5.00       | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 0.58  | U         | 0.58 | 5.00       | ug/L  |
| 95-48-7        | 2-Methylphenol              | 1.10  | U         | 1.10 | 5.00       | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.30  | U         | 1.30 | 5.00       | ug/L  |
| 98-86-2        | Acetophenone                | 0.74  | U         | 0.74 | 5.00       | ug/L  |
| 65794-96-9     | 3+4-Methylphenols           | 1.10  | U         | 1.10 | 10.0       | ug/L  |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 1.40  | U         | 1.40 | 2.50       | ug/L  |
| 67-72-1        | Hexachloroethane            | 0.65  | U         | 0.65 | 5.00       | ug/L  |
| 98-95-3        | Nitrobenzene                | 0.76  | U         | 0.76 | 5.00       | ug/L  |
| 78-59-1        | Isophorone                  | 0.75  | U         | 0.75 | 5.00       | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.80  | U         | 1.80 | 5.00       | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 1.90  | U         | 1.90 | 5.00       | ug/L  |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 0.68  | U         | 0.68 | 5.00       | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 0.52  | U         | 0.52 | 5.00       | ug/L  |
| 91-20-3        | Naphthalene                 | 0.50  | U         | 0.50 | 5.00       | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 0.84  | U         | 0.84 | 5.00       | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 0.54  | U         | 0.54 | 5.00       | ug/L  |
| 105-60-2       | Caprolactam                 | 1.10  | U         | 1.10 | 10.0       | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 0.59  | U         | 0.59 | 5.00       | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 0.56  | U         | 0.56 | 5.00       | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.60  | U         | 3.60 | 10.0       | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 0.51  | U         | 0.51 | 5.00       | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 0.62  | U         | 0.62 | 5.00       | ug/L  |
| 92-52-4        | 1,1-Biphenyl                | 0.53  | U         | 0.53 | 5.00       | ug/L  |
| 91-58-7        | 2-Chloronaphthalene         | 0.61  | U         | 0.61 | 5.00       | ug/L  |
| 88-74-4        | 2-Nitroaniline              | 1.30  | U         | 1.30 | 5.00       | ug/L  |
| 131-11-3       | Dimethylphthalate           | 0.61  | U         | 0.61 | 5.00       | ug/L  |

## Report of Analysis

|                    |                 |                  |                 |                  |
|--------------------|-----------------|------------------|-----------------|------------------|
| Client:            | G Environmental |                  | Date Collected: |                  |
| Project:           | TGP             |                  | Date Received:  |                  |
| Client Sample ID:  | PB167451BL      |                  | SDG No.:        | Q1690            |
| Lab Sample ID:     | PB167451BL      |                  | Matrix:         | Water            |
| Analytical Method: | SW8270          |                  | % Solid:        | 0                |
| Sample Wt/Vol:     | 1000            | Units: mL        | Final Vol:      | 1000 uL          |
| Soil Aliquot Vol:  |                 | uL               | Test:           | SVOC-TCL BNA -20 |
| Extraction Type :  |                 | Decanted : N     | Level :         | LOW              |
| Injection Volume : |                 | GPC Factor : 1.0 | GPC Cleanup :   | N PH :           |
| Prep Method :      | SW3510C         |                  |                 |                  |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BG064174.D        | 1         | 04/03/25 10:10 | 04/03/25 19:58 | PB167451      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|------------|-------|
| 208-96-8   | Acenaphthylene             | 0.75  | U         | 0.75 | 5.00       | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 0.92  | U         | 0.92 | 5.00       | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 1.10  | U         | 1.10 | 5.00       | ug/L  |
| 83-32-9    | Acenaphthene               | 0.55  | U         | 0.55 | 5.00       | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 6.00  | U         | 6.00 | 10.0       | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 2.40  | U         | 2.40 | 10.0       | ug/L  |
| 132-64-9   | Dibenzofuran               | 0.61  | U         | 0.61 | 5.00       | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 1.20  | U         | 1.20 | 5.00       | ug/L  |
| 84-66-2    | Diethylphthalate           | 0.69  | U         | 0.69 | 5.00       | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 0.68  | U         | 0.68 | 5.00       | ug/L  |
| 86-73-7    | Fluorene                   | 0.63  | U         | 0.63 | 5.00       | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 1.50  | U         | 1.50 | 5.00       | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 2.90  | U         | 2.90 | 10.0       | ug/L  |
| 86-30-6    | n-Nitrosodiphenylamine     | 0.58  | U         | 0.58 | 5.00       | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 0.40  | U         | 0.40 | 5.00       | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 0.52  | U         | 0.52 | 5.00       | ug/L  |
| 1912-24-9  | Atrazine                   | 1.00  | U         | 1.00 | 5.00       | ug/L  |
| 87-86-5    | Pentachlorophenol          | 1.60  | U         | 1.60 | 10.0       | ug/L  |
| 85-01-8    | Phenanthrene               | 0.50  | U         | 0.50 | 5.00       | ug/L  |
| 120-12-7   | Anthracene                 | 0.61  | U         | 0.61 | 5.00       | ug/L  |
| 86-74-8    | Carbazole                  | 0.72  | U         | 0.72 | 5.00       | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 1.20  | U         | 1.20 | 5.00       | ug/L  |
| 206-44-0   | Fluoranthene               | 0.82  | U         | 0.82 | 5.00       | ug/L  |
| 129-00-0   | Pyrene                     | 0.50  | U         | 0.50 | 5.00       | ug/L  |
| 85-68-7    | Butylbenzylphthalate       | 1.90  | U         | 1.90 | 5.00       | ug/L  |
| 91-94-1    | 3,3-Dichlorobenzidine      | 0.93  | U         | 0.93 | 10.0       | ug/L  |
| 56-55-3    | Benzo(a)anthracene         | 0.45  | U         | 0.45 | 5.00       | ug/L  |
| 218-01-9   | Chrysene                   | 0.44  | U         | 0.44 | 5.00       | ug/L  |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 1.60  | U         | 1.60 | 5.00       | ug/L  |
| 117-84-0   | Di-n-octyl phthalate       | 2.30  | U         | 2.30 | 10.0       | ug/L  |
| 205-99-2   | Benzo(b)fluoranthene       | 0.49  | U         | 0.49 | 5.00       | ug/L  |



## Report of Analysis

|                    |                        |                 |                  |
|--------------------|------------------------|-----------------|------------------|
| Client:            | G Environmental        | Date Collected: |                  |
| Project:           | TGP                    | Date Received:  |                  |
| Client Sample ID:  | PB167451BL             | SDG No.:        | Q1690            |
| Lab Sample ID:     | PB167451BL             | Matrix:         | Water            |
| Analytical Method: | SW8270                 | % Solid:        | 0                |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL     |
| Soil Aliquot Vol:  | uL                     | Test:           | SVOC-TCL BNA -20 |
| Extraction Type :  | Decanted :    N        | Level :         | LOW              |
| Injection Volume : | GPC Factor :    1.0    | GPC Cleanup :   | N      PH :      |
| Prep Method :      | SW3510C                |                 |                  |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BG064174.D        | 1         | 04/03/25 10:10 | 04/03/25 19:58 | PB167451      |

| CAS Number                            | Parameter                        | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units    |
|---------------------------------------|----------------------------------|--------|-----------|---------------------|------------|----------|
| 207-08-9                              | Benzo(k)fluoranthene             | 0.48   | U         | 0.48                | 5.00       | ug/L     |
| 50-32-8                               | Benzo(a)pyrene                   | 0.55   | U         | 0.55                | 5.00       | ug/L     |
| 193-39-5                              | Indeno(1,2,3-cd)pyrene           | 0.59   | U         | 0.59                | 5.00       | ug/L     |
| 53-70-3                               | Dibenzo(a,h)anthracene           | 0.67   | U         | 0.67                | 5.00       | ug/L     |
| 191-24-2                              | Benzo(g,h,i)perylene             | 0.69   | U         | 0.69                | 5.00       | ug/L     |
| 95-94-3                               | 1,2,4,5-Tetrachlorobenzene       | 0.52   | U         | 0.52                | 5.00       | ug/L     |
| 123-91-1                              | 1,4-Dioxane                      | 1.00   | U         | 1.00                | 5.00       | ug/L     |
| 58-90-2                               | 2,3,4,6-Tetrachlorophenol        | 0.72   | U         | 0.72                | 5.00       | ug/L     |
| <b>SURROGATES</b>                     |                                  |        |           |                     |            |          |
| 367-12-4                              | 2-Fluorophenol                   | 140    |           | 15 (10) - 110 (139) | 93%        | SPK: 150 |
| 13127-88-3                            | Phenol-d6                        | 140    |           | 15 (10) - 110 (134) | 93%        | SPK: 150 |
| 4165-60-0                             | Nitrobenzene-d5                  | 103    |           | 30 (49) - 130 (133) | 103%       | SPK: 100 |
| 321-60-8                              | 2-Fluorobiphenyl                 | 86.2   |           | 30 (52) - 130 (132) | 86%        | SPK: 100 |
| 118-79-6                              | 2,4,6-Tribromophenol             | 168    | *         | 15 (44) - 110 (137) | 112%       | SPK: 150 |
| 1718-51-0                             | Terphenyl-d14                    | 94.2   |           | 30 (48) - 130 (125) | 94%        | SPK: 100 |
| <b>INTERNAL STANDARDS</b>             |                                  |        |           |                     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4           | 27400  |           | 7.853               |            |          |
| 1146-65-2                             | Naphthalene-d8                   | 121000 |           | 10.65               |            |          |
| 15067-26-2                            | Acenaphthene-d10                 | 99600  |           | 14.481              |            |          |
| 1517-22-2                             | Phenanthrene-d10                 | 241000 |           | 17.225              |            |          |
| 1719-03-5                             | Chrysene-d12                     | 250000 |           | 21.449              |            |          |
| 1520-96-3                             | Perylene-d12                     | 268000 |           | 24.463              |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                  |        |           |                     |            |          |
| 000123-42-2                           | 2-Pentanone, 4-hydroxy-4-methyl- | 25.9   | A         |                     | 4.98       | ug/L     |
| 000107-70-0                           | 2-Pentanone, 4-methoxy-4-methyl- | 4.40   | J         |                     | 6.05       | ug/L     |

## Report of Analysis

|                    |                        |                 |                              |
|--------------------|------------------------|-----------------|------------------------------|
| Client:            | G Environmental        | Date Collected: |                              |
| Project:           | TGP                    | Date Received:  |                              |
| Client Sample ID:  | PB167451BL             | SDG No.:        | Q1690                        |
| Lab Sample ID:     | PB167451BL             | Matrix:         | Water                        |
| Analytical Method: | SW8270                 | % Solid:        | 0                            |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000                      uL |
| Soil Aliquot Vol:  | uL                     | Test:           | SVOC-TCL BNA -20             |
| Extraction Type :  | Decanted :    N        | Level :         | LOW                          |
| Injection Volume : | GPC Factor :    1.0    | GPC Cleanup :   | N                      PH :  |
| Prep Method :      | SW3510C                |                 |                              |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BG064174.D        | 1         | 04/03/25 10:10 | 04/03/25 19:58 | PB167451      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040325\  
Data File : BG064174.D  
Acq On : 3 Apr 2025 19:58  
Operator : RC/JU  
Sample : PB167451BL  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BL

Quant Time: Apr 04 01:46:36 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Mar 05 15:39:19 2025  
Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.853  | 152  | 27407    | 20.000  | ng    | #-0.01   |
| 21) Naphthalene-d8          | 10.650 | 136  | 121488   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.481 | 164  | 99612    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.225 | 188  | 240876   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.449 | 240  | 250147   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 24.463 | 264  | 267703   | 20.000  | ng    | -0.01    |
|                             |        |      |          |         |       |          |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.444  | 112  | 245391   | 139.805 | ng    | 0.00     |
| 7) Phenol-d6                | 7.025  | 99   | 334749   | 140.191 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.011  | 82   | 226433   | 102.999 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.967 | 330  | 185996   | 167.979 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.112 | 172  | 565811   | 86.218  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.845 | 244  | 1165740  | 94.229  | ng    | 0.00     |

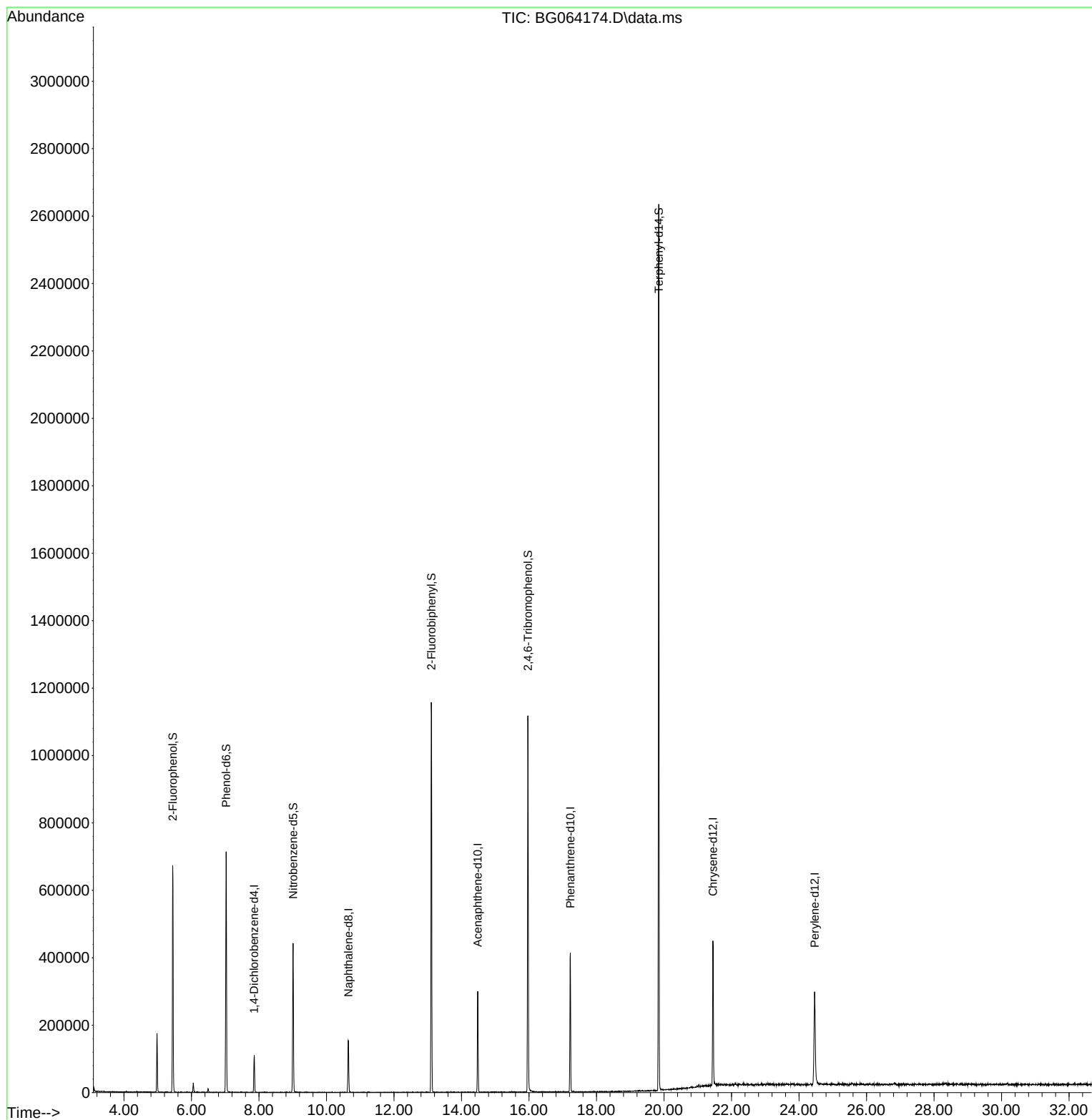
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

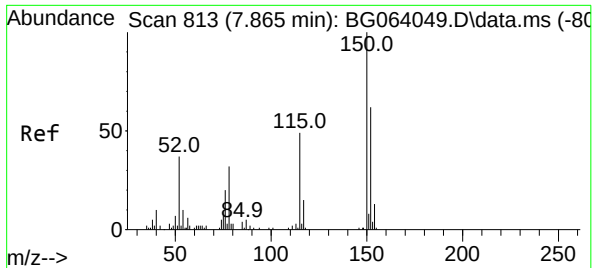
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040325\  
Data File : BG064174.D  
Acq On : 3 Apr 2025 19:58  
Operator : RC/JU  
Sample : PB167451BL  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BL

Quant Time: Apr 04 01:46:36 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Mar 05 15:39:19 2025  
Response via : Initial Calibration

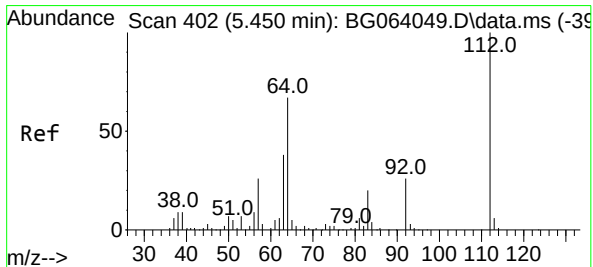
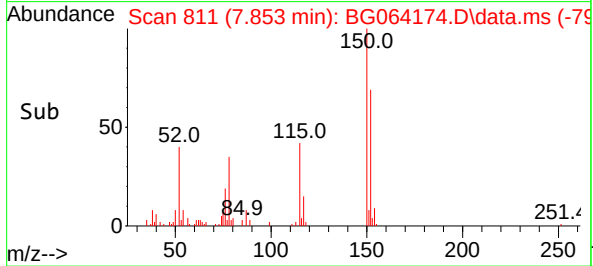
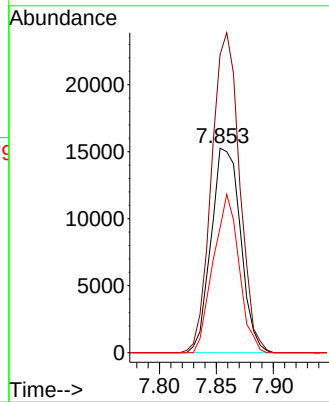
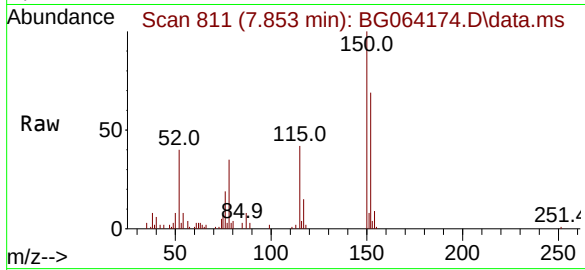




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.853 min Scan# 813  
Delta R.T. -0.012 min  
Lab File: BG064174.D  
Acq: 3 Apr 2025 19:58

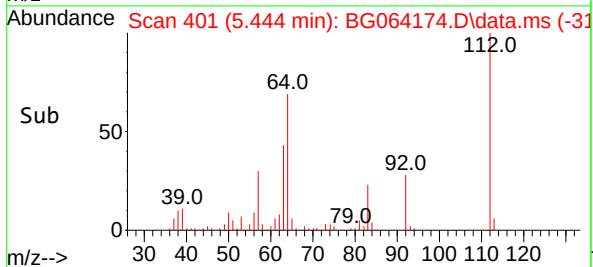
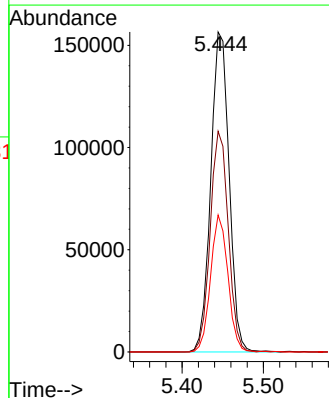
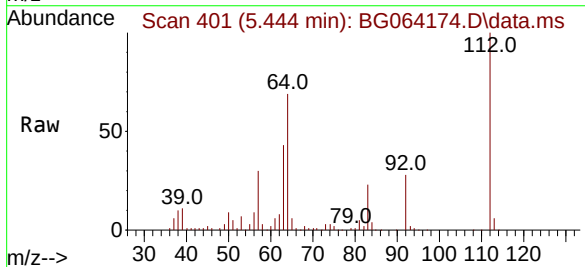
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BL

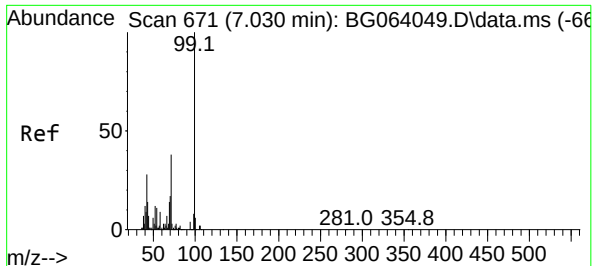
Tgt Ion:152 Resp: 27407  
Ion Ratio Lower Upper  
152 100  
150 145.7 129.2 193.8  
115 61.0 63.0 94.6#



#5  
2-Fluorophenol  
Concen: 139.805 ng  
RT: 5.444 min Scan# 401  
Delta R.T. -0.006 min  
Lab File: BG064174.D  
Acq: 3 Apr 2025 19:58

Tgt Ion:112 Resp: 245391  
Ion Ratio Lower Upper  
112 100  
64 68.9 53.7 80.5  
63 42.8 30.2 45.4

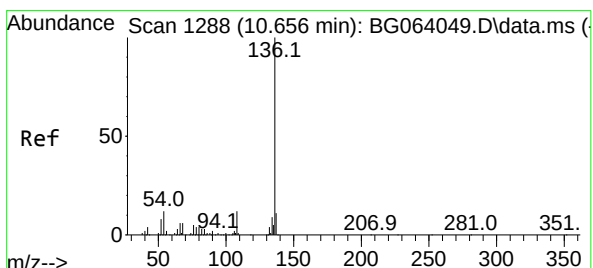
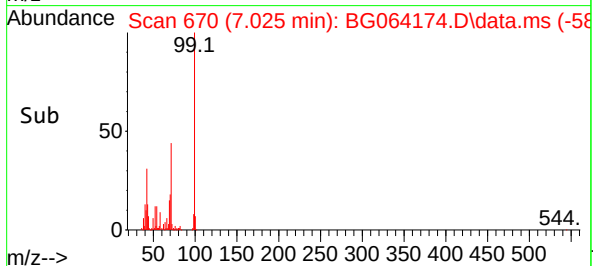
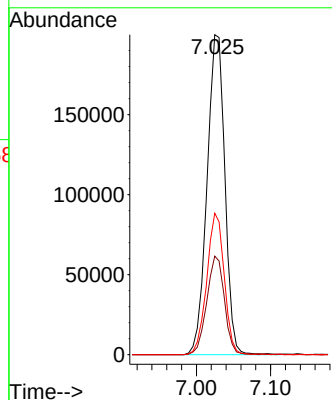
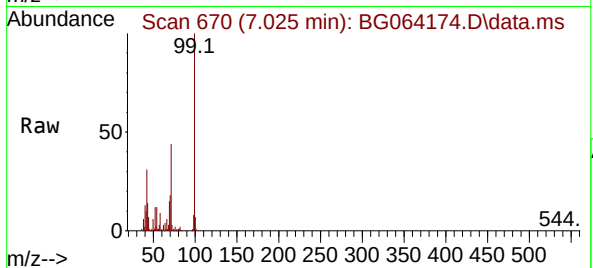




#7  
Phenol-d6  
Concen: 140.191 ng  
RT: 7.025 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BG064174.D  
Acq: 3 Apr 2025 19:58

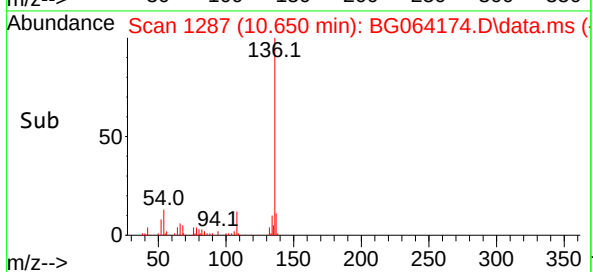
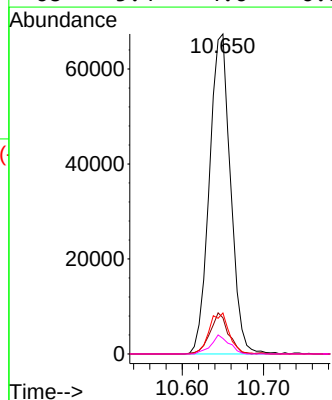
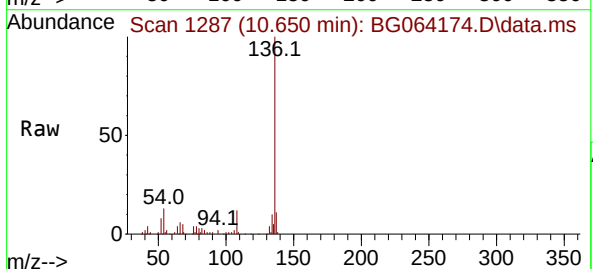
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BL

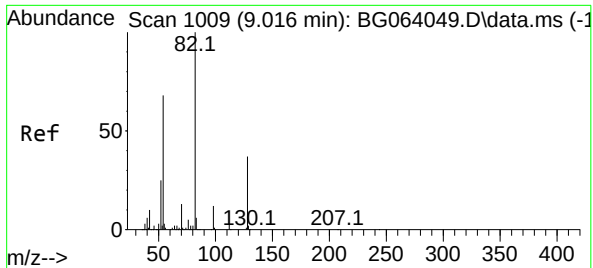
Tgt Ion: 99 Resp: 334749  
Ion Ratio Lower Upper  
99 100  
42 30.8 22.7 34.1  
71 44.2 30.6 46.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.650 min Scan# 1287  
Delta R.T. -0.006 min  
Lab File: BG064174.D  
Acq: 3 Apr 2025 19:58

Tgt Ion:136 Resp: 121488  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.5 12.7  
54 12.8 9.9 14.9  
68 5.4 4.6 6.8





#23

Nitrobenzene-d5

Concen: 102.999 ng

RT: 9.011 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BG064174.D

Acq: 3 Apr 2025 19:58

Instrument :

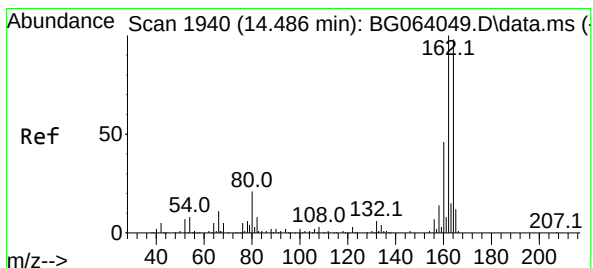
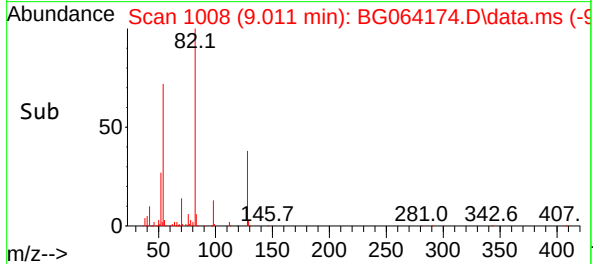
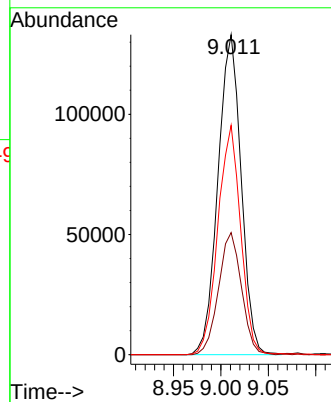
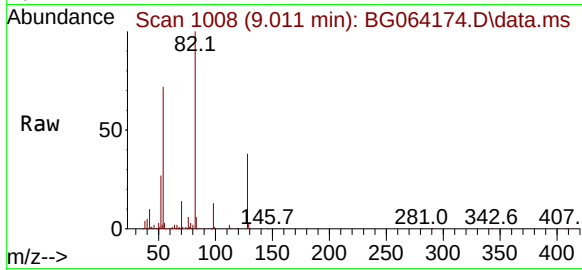
BNA\_G

ClientSampleId :

PB167451BL

Tgt Ion: 82 Resp: 226433

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 38.1  | 30.0  | 45.0  |
| 54  | 71.6  | 54.7  | 82.1  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.481 min Scan# 1939

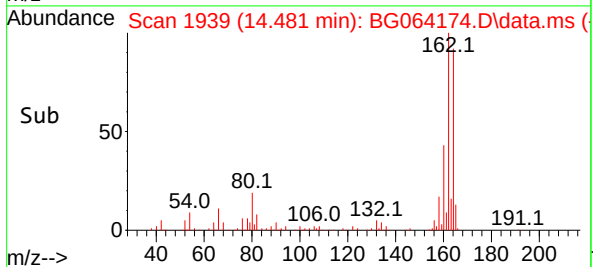
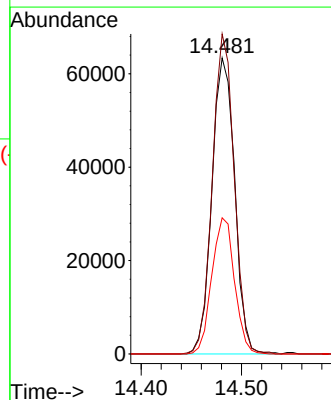
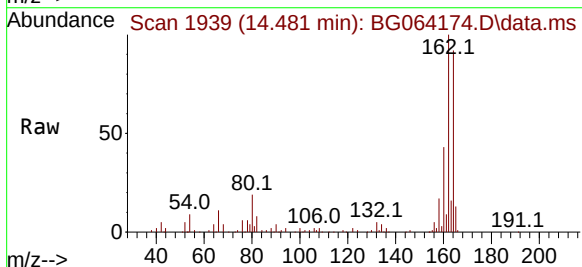
Delta R.T. -0.005 min

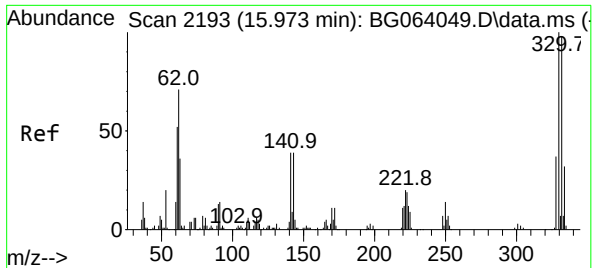
Lab File: BG064174.D

Acq: 3 Apr 2025 19:58

Tgt Ion: 164 Resp: 99612

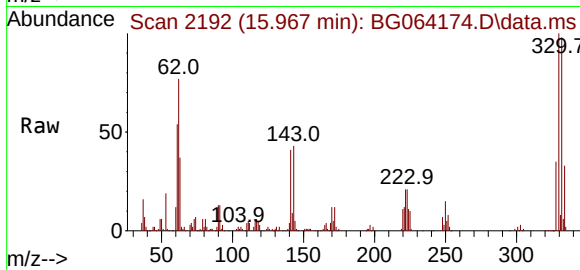
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 108.1 | 81.4  | 122.0 |
| 160 | 46.0  | 37.0  | 55.6  |



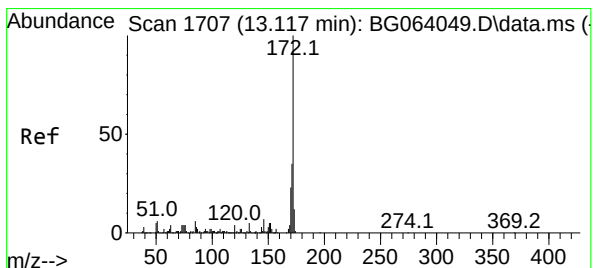
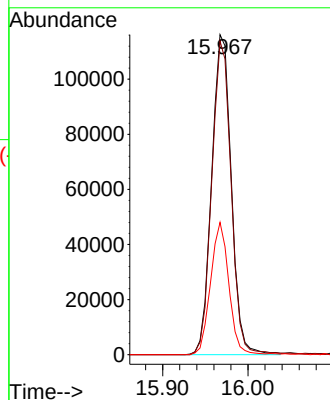
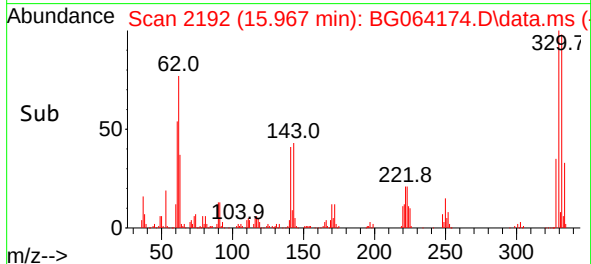


#42  
2,4,6-Tribromophenol  
Concen: 167.979 ng  
RT: 15.967 min Scan# 2192  
Delta R.T. -0.006 min  
Lab File: BG064174.D  
Acq: 3 Apr 2025 19:58

Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BL

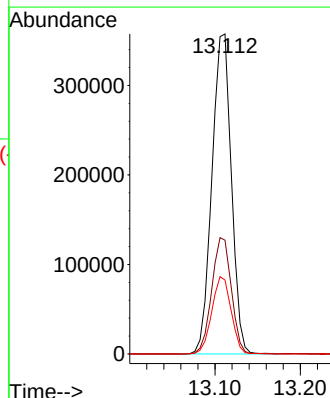
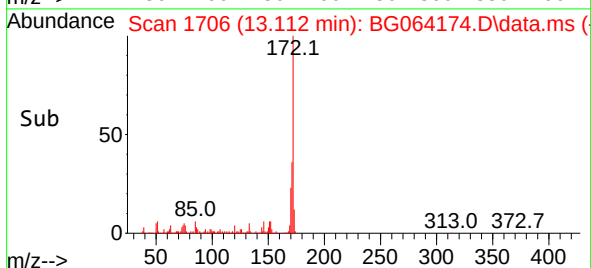
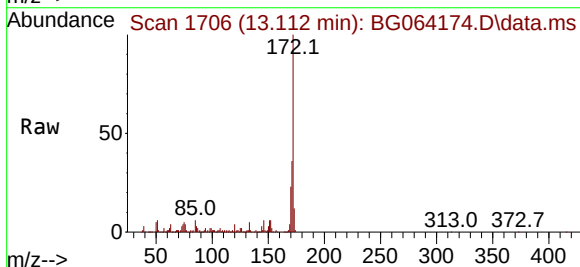


Tgt Ion:330 Resp: 185996  
Ion Ratio Lower Upper  
330 100  
332 96.5 76.7 115.1  
141 38.8 29.7 44.5

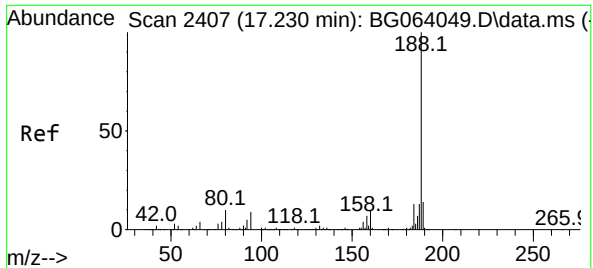


#45  
2-Fluorobiphenyl  
Concen: 86.218 ng  
RT: 13.112 min Scan# 1706  
Delta R.T. -0.006 min  
Lab File: BG064174.D  
Acq: 3 Apr 2025 19:58

Tgt Ion:172 Resp: 565811  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.0 42.0  
170 23.1 18.7 28.1



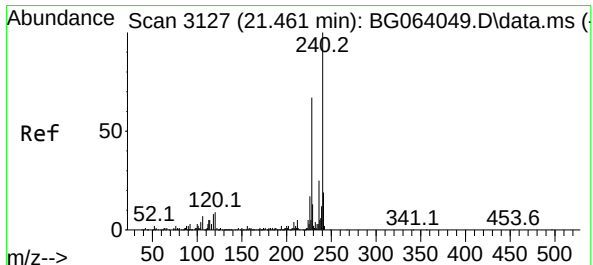
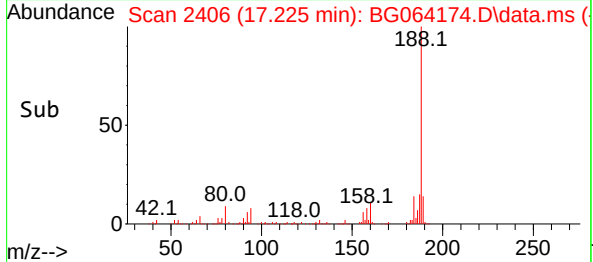
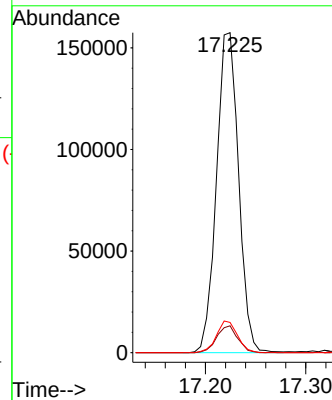
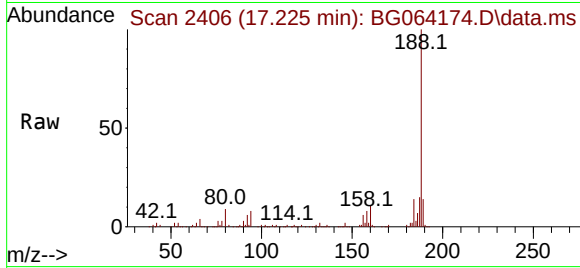




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.225 min Scan# 2407  
Delta R.T. -0.005 min  
Lab File: BG064174.D  
Acq: 3 Apr 2025 19:58

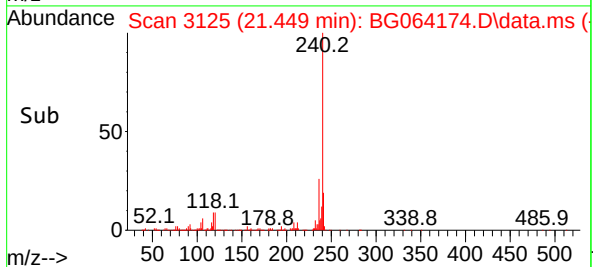
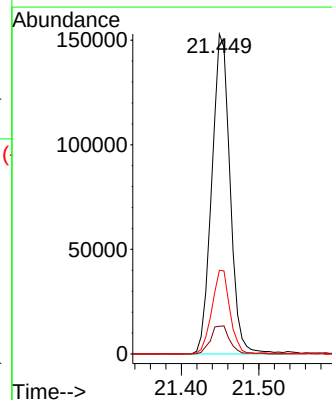
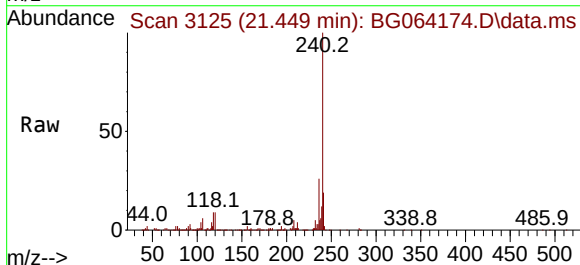
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BL

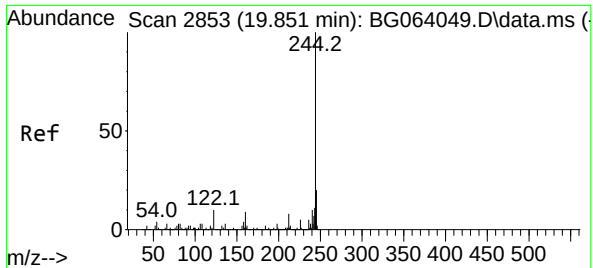
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 8.4   | 6.9   | 10.3  |
| 80      | 9.5   | 8.1   | 12.1  |



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.449 min Scan# 3125  
Delta R.T. -0.012 min  
Lab File: BG064174.D  
Acq: 3 Apr 2025 19:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 8.7   | 7.2   | 10.8  |
| 236     | 26.1  | 20.2  | 30.2  |

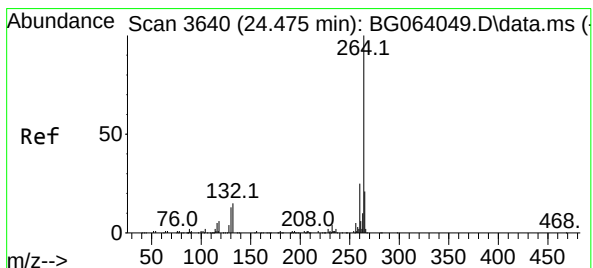
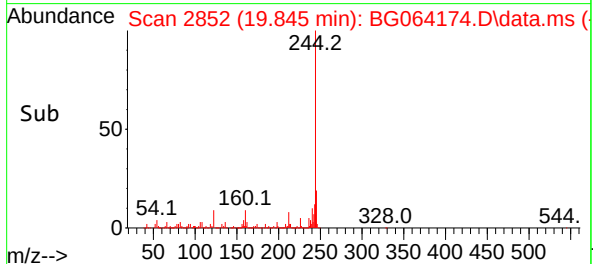
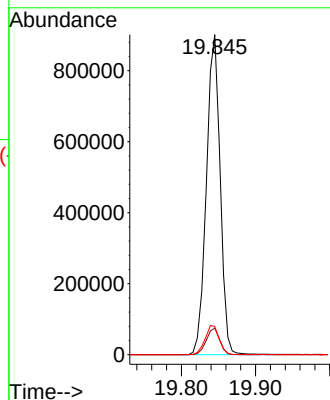
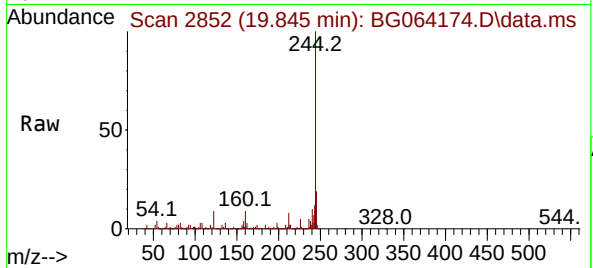




#79  
Terphenyl-d14  
Concen: 94.229 ng  
RT: 19.845 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BG064174.D  
Acq: 3 Apr 2025 19:58

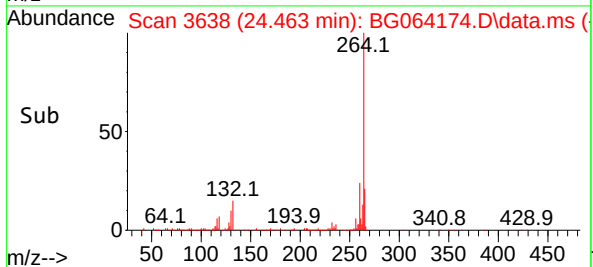
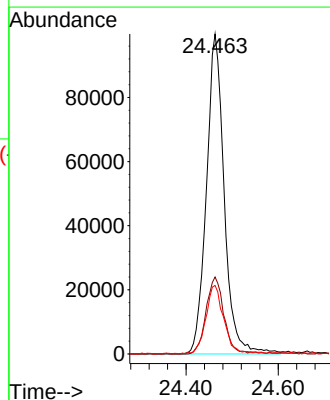
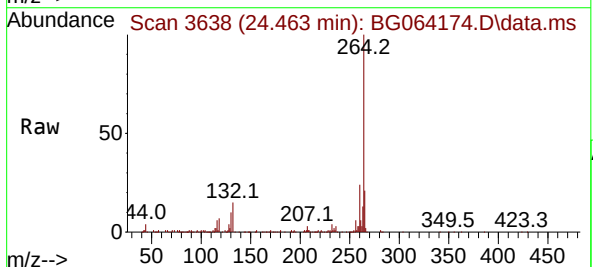
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BL

Tgt Ion:244 Resp: 1165740  
Ion Ratio Lower Upper  
244 100  
212 8.3 6.2 9.4  
122 8.8 8.0 12.0



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.463 min Scan# 3638  
Delta R.T. -0.012 min  
Lab File: BG064174.D  
Acq: 3 Apr 2025 19:58

Tgt Ion:264 Resp: 267703  
Ion Ratio Lower Upper  
264 100  
260 24.1 19.6 29.4  
265 21.4 16.6 25.0



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040325\  
Data File : BG064174.D  
Acq On : 3 Apr 2025 19:58  
Operator : RC/JU  
Sample : PB167451BL  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BL

Integration Parameters: rteint.p  
Integrator: RTE  
Smoothing : ON Filtering: 5  
Sampling : 1 Min Area: 3 % of largest Peak  
Start Thrs: 0.2 Max Peaks: 100  
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064174.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 4.980       | 314           | 322         | 328          | rBV      | 174341         | 240802        | 7.03%           | 1.831%        |
| 2         | 5.444       | 395           | 401         | 410          | rBV      | 671903         | 1033468       | 30.17%          | 7.857%        |
| 3         | 6.055       | 499           | 505         | 510          | rBV      | 28281          | 40877         | 1.19%           | 0.311%        |
| 4         | 7.025       | 663           | 670         | 680          | rBV      | 714194         | 1192518       | 34.81%          | 9.066%        |
| 5         | 7.859       | 806           | 812         | 820          | rBV2     | 109748         | 186153        | 5.43%           | 1.415%        |
| 6         | 9.011       | 998           | 1008        | 1016         | rBV      | 442754         | 751810        | 21.94%          | 5.716%        |
| 7         | 10.644      | 1279          | 1286        | 1294         | rBV      | 154148         | 275142        | 8.03%           | 2.092%        |
| 8         | 13.106      | 1698          | 1705        | 1713         | rBV      | 1156639        | 1817880       | 53.06%          | 13.821%       |
| 9         | 14.481      | 1932          | 1939        | 1948         | rVB      | 299055         | 458440        | 13.38%          | 3.485%        |
| 10        | 15.967      | 2185          | 2192        | 2202         | rBV      | 1116194        | 1693871       | 49.44%          | 12.878%       |
| 11        | 17.225      | 2398          | 2406        | 2414         | rBV2     | 411852         | 623356        | 18.20%          | 4.739%        |
| 12        | 19.845      | 2845          | 2852        | 2862         | rBV      | 2628839        | 3425970       | 100.00%         | 26.047%       |
| 13        | 21.449      | 3119          | 3125        | 3132         | rBV      | 427426         | 698393        | 20.39%          | 5.310%        |
| 14        | 24.463      | 3629          | 3638        | 3652         | rVB      | 271998         | 714450        | 20.85%          | 5.432%        |

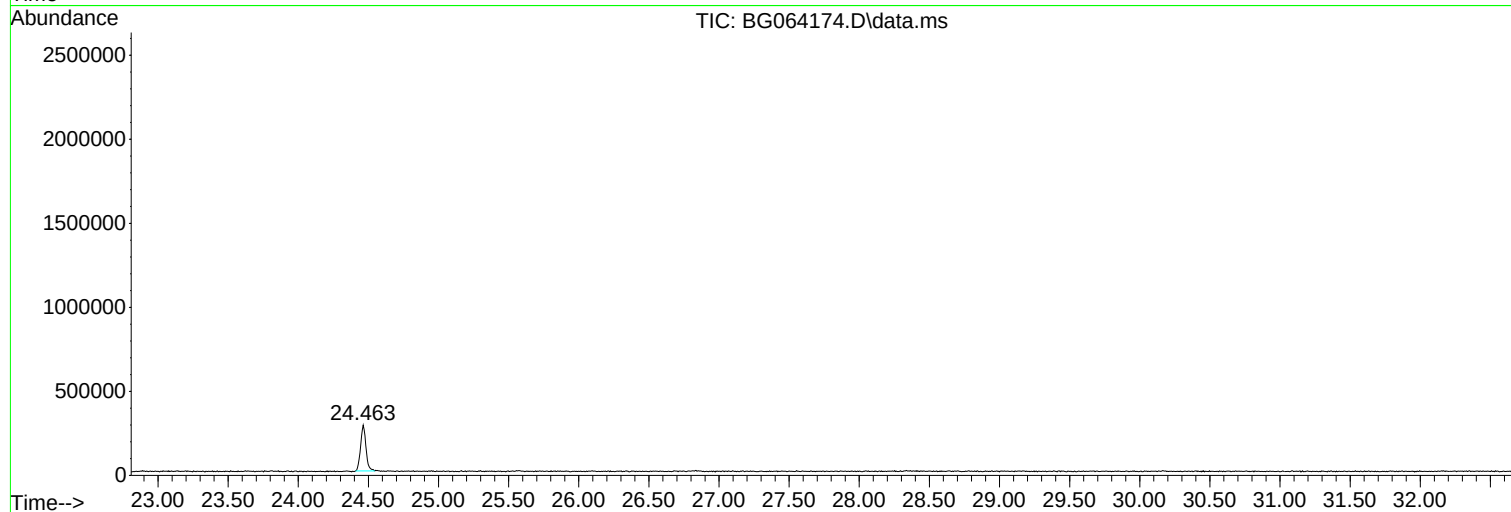
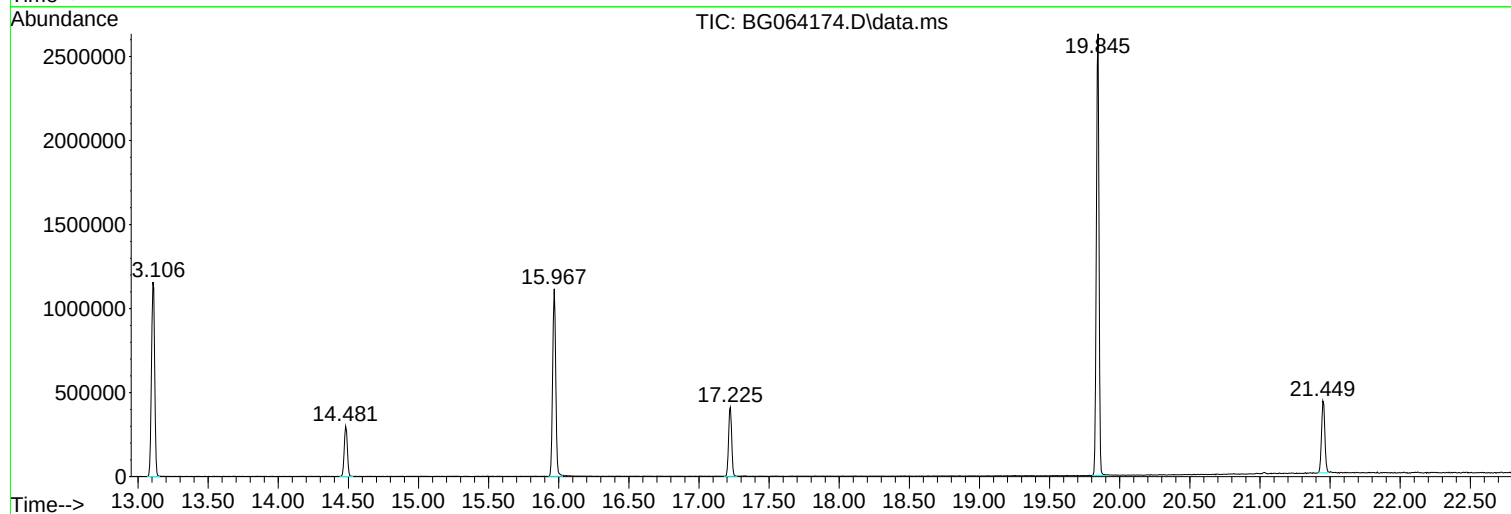
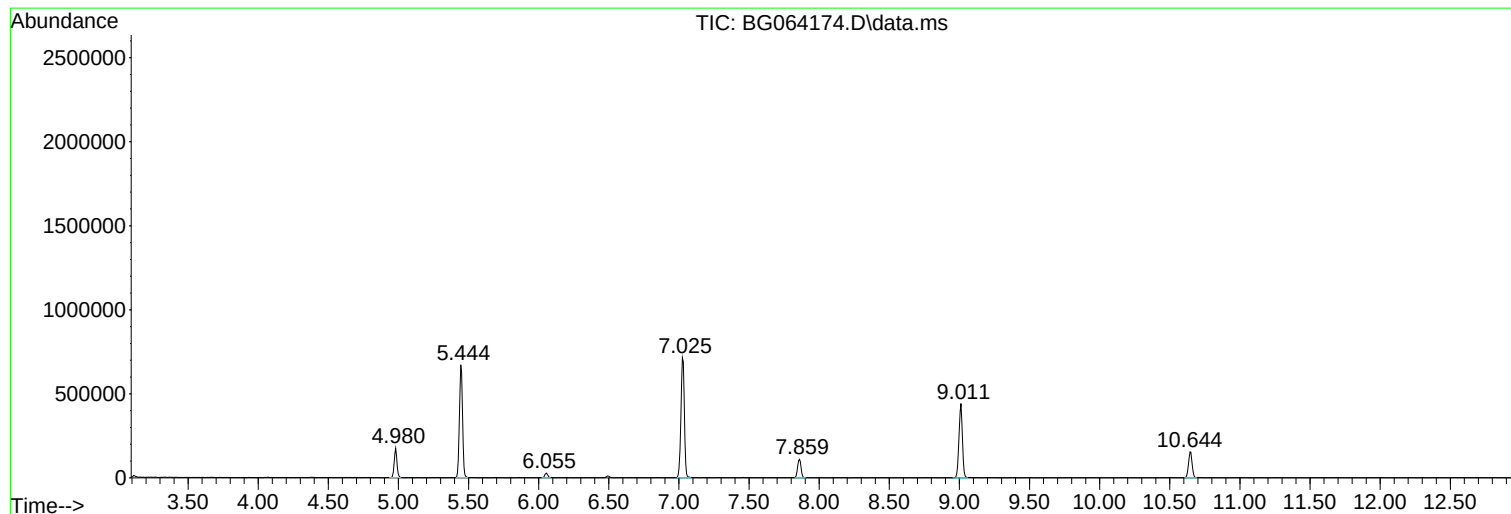
Sum of corrected areas: 13153130

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040325\  
Data File : BG064174.D  
Acq On : 3 Apr 2025 19:58  
Operator : RC/JU  
Sample : PB167451BL  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040325\  
Data File : BG064174.D  
Acq On : 3 Apr 2025 19:58  
Operator : RC/JU  
Sample : PB167451BL  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BL

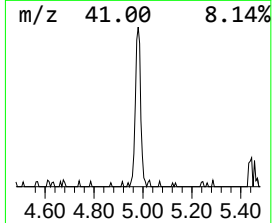
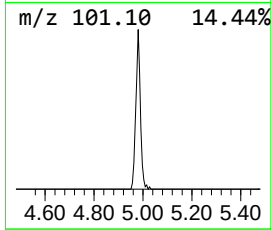
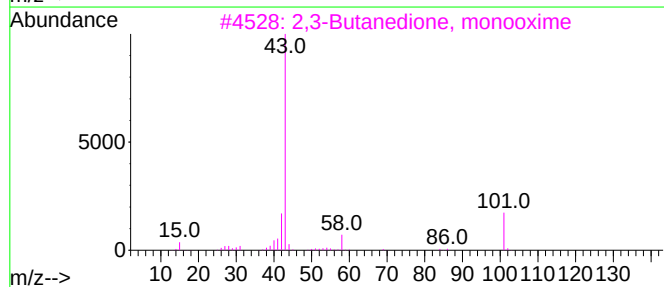
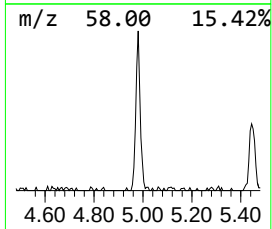
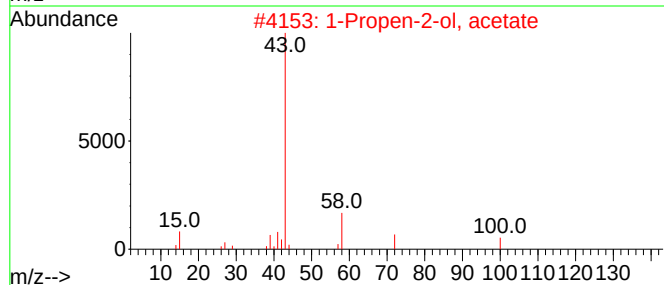
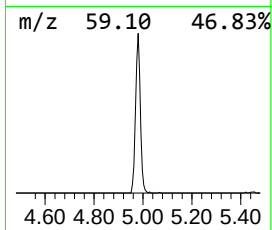
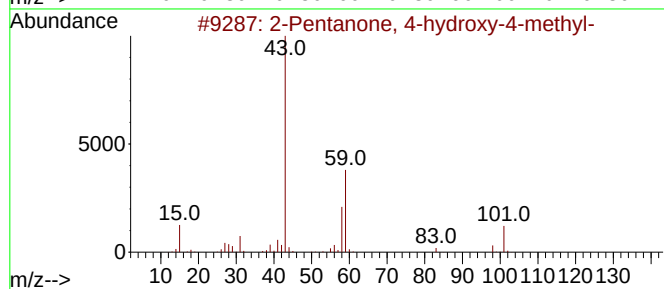
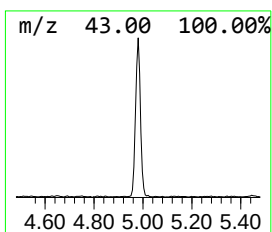
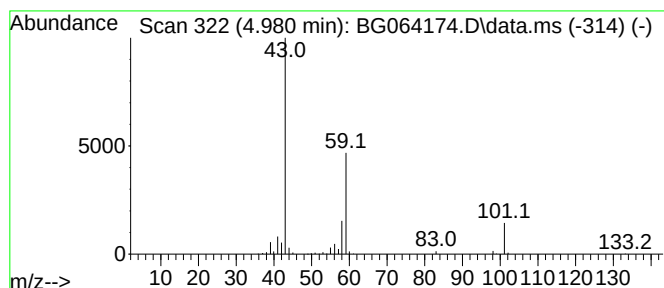
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

| R.T.      | EstConc                          | Area   | Relative to ISTD       | R.T.         |      |
|-----------|----------------------------------|--------|------------------------|--------------|------|
| 4.980     | 25.87 ng                         | 240802 | 1,4-Dichlorobenzene-d4 | 7.853        |      |
| Hit# of 5 | Tentative ID                     | MW     | MolForm                | CAS#         | Qual |
| 1         | 2-Pentanone, 4-hydroxy-4-methyl- | 116    | C6H12O2                | 000123-42-2  | 64   |
| 2         | 1-Propen-2-ol, acetate           | 100    | C5H8O2                 | 000108-22-5  | 12   |
| 3         | 2,3-Butanedione, monooxime       | 101    | C4H7NO2                | 000057-71-6  | 10   |
| 4         | Diacetamide                      | 101    | C4H7NO2                | 000625-77-4  | 9    |
| 5         | 3-Nonyl acetate                  | 186    | C11H22O2               | 1010429-16-2 | 9    |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040325\  
Data File : BG064174.D  
Acq On : 3 Apr 2025 19:58  
Operator : RC/JU  
Sample : PB167451BL  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

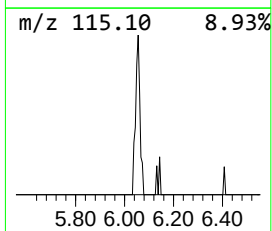
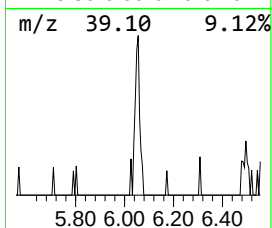
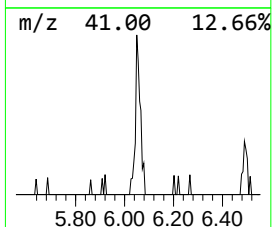
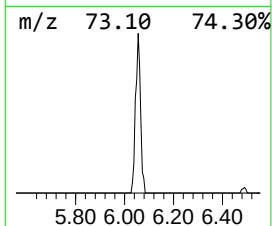
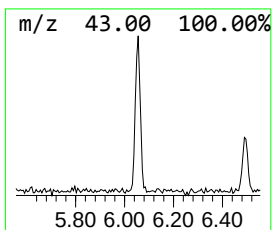
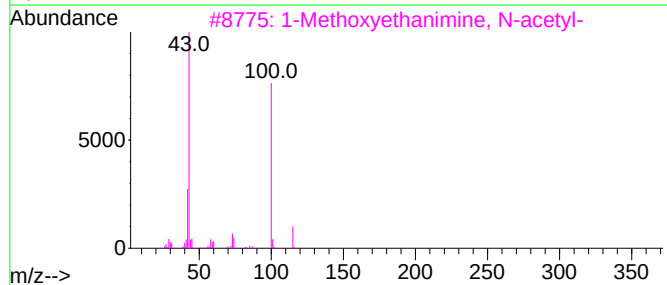
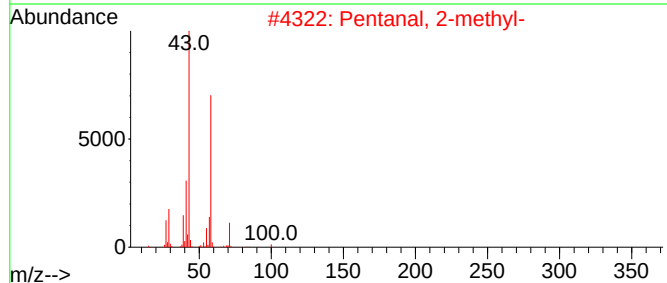
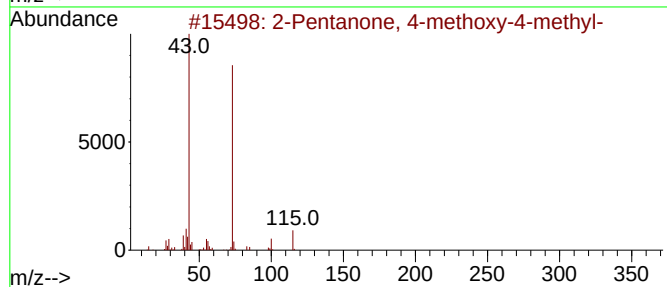
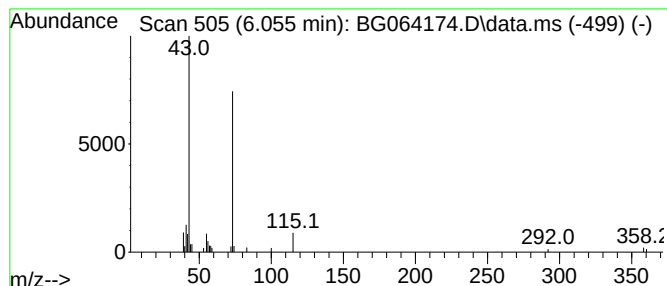
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 2-Pentanone, 4-methoxy-4-me... Concentration Rank 2

| R.T.  | EstConc | Area  | Relative to ISTD       | R.T.  |
|-------|---------|-------|------------------------|-------|
| 6.055 | 4.39 ng | 40877 | 1,4-Dichlorobenzene-d4 | 7.853 |

| Hit# | of 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|------|----------------------------------|-----|---------|-------------|------|
| 1    |      | 2-Pentanone, 4-methoxy-4-methyl- | 130 | C7H14O2 | 000107-70-0 | 64   |
| 2    |      | Pentanal, 2-methyl-              | 100 | C6H12O  | 000123-15-9 | 12   |
| 3    |      | 1-Methoxyethanimine, N-acetyl-   | 115 | C5H9NO2 | 099028-43-0 | 10   |
| 4    |      | N-Ethylformamide                 | 73  | C3H7NO  | 000627-45-2 | 10   |
| 5    |      | Acetamide, N-methyl-             | 73  | C3H7NO  | 000079-16-3 | 9    |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040325\  
Data File : BG064174.D  
Acq On : 3 Apr 2025 19:58  
Operator : RC/JU  
Sample : PB167451BL  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                    |       |         |       |          | #                     | RT    | Resp   | Conc |
| 2-Pentanone, 4-... | 4.980 | 25.9    | ng    | 240802   | 1                     | 7.853 | 186153 | 20.0 |
| 2-Pentanone, 4-... | 6.055 | 4.4     | ng    | 40877    | 1                     | 7.853 | 186153 | 20.0 |

## Report of Analysis

|                    |                 |                  |                 |                  |
|--------------------|-----------------|------------------|-----------------|------------------|
| Client:            | G Environmental |                  | Date Collected: |                  |
| Project:           | TGP             |                  | Date Received:  |                  |
| Client Sample ID:  | PB167451BS      |                  | SDG No.:        | Q1690            |
| Lab Sample ID:     | PB167451BS      |                  | Matrix:         | Water            |
| Analytical Method: | SW8270          |                  | % Solid:        | 0                |
| Sample Wt/Vol:     | 1000            | Units: mL        | Final Vol:      | 1000 uL          |
| Soil Aliquot Vol:  |                 | uL               | Test:           | SVOC-TCL BNA -20 |
| Extraction Type :  |                 | Decanted : N     | Level :         | LOW              |
| Injection Volume : |                 | GPC Factor : 1.0 | GPC Cleanup :   | N PH :           |
| Prep Method :      | SW3510C         |                  |                 |                  |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BG064175.D        | 1         | 04/03/25 10:10 | 04/03/25 20:38 | PB167451      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |            |       |
| 100-52-7       | Benzaldehyde                | 42.3  |           | 3.90 | 10.0       | ug/L  |
| 108-95-2       | Phenol                      | 53.4  |           | 0.91 | 5.00       | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether     | 46.6  |           | 0.81 | 5.00       | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 54.5  |           | 0.58 | 5.00       | ug/L  |
| 95-48-7        | 2-Methylphenol              | 56.5  |           | 1.10 | 5.00       | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 48.1  |           | 1.30 | 5.00       | ug/L  |
| 98-86-2        | Acetophenone                | 48.0  |           | 0.74 | 5.00       | ug/L  |
| 65794-96-9     | 3+4-Methylphenols           | 57.8  |           | 1.10 | 10.0       | ug/L  |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 50.4  |           | 1.40 | 2.50       | ug/L  |
| 67-72-1        | Hexachloroethane            | 53.1  |           | 0.65 | 5.00       | ug/L  |
| 98-95-3        | Nitrobenzene                | 53.7  |           | 0.76 | 5.00       | ug/L  |
| 78-59-1        | Isophorone                  | 52.8  |           | 0.75 | 5.00       | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 63.6  |           | 1.80 | 5.00       | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 82.5  | E         | 1.90 | 5.00       | ug/L  |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 49.6  |           | 0.68 | 5.00       | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 60.4  |           | 0.52 | 5.00       | ug/L  |
| 91-20-3        | Naphthalene                 | 48.7  |           | 0.50 | 5.00       | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 12.3  |           | 0.84 | 5.00       | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 52.4  |           | 0.54 | 5.00       | ug/L  |
| 105-60-2       | Caprolactam                 | 57.6  |           | 1.10 | 10.0       | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 61.8  |           | 0.59 | 5.00       | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 46.9  |           | 0.56 | 5.00       | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 250   | E         | 3.60 | 10.0       | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 57.4  |           | 0.51 | 5.00       | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 58.4  |           | 0.62 | 5.00       | ug/L  |
| 92-52-4        | 1,1-Biphenyl                | 48.6  |           | 0.53 | 5.00       | ug/L  |
| 91-58-7        | 2-Chloronaphthalene         | 48.7  |           | 0.61 | 5.00       | ug/L  |
| 88-74-4        | 2-Nitroaniline              | 56.7  |           | 1.30 | 5.00       | ug/L  |
| 131-11-3       | Dimethylphthalate           | 51.0  |           | 0.61 | 5.00       | ug/L  |



## Report of Analysis

|                    |                        |                 |                  |
|--------------------|------------------------|-----------------|------------------|
| Client:            | G Environmental        | Date Collected: |                  |
| Project:           | TGP                    | Date Received:  |                  |
| Client Sample ID:  | PB167451BS             | SDG No.:        | Q1690            |
| Lab Sample ID:     | PB167451BS             | Matrix:         | Water            |
| Analytical Method: | SW8270                 | % Solid:        | 0                |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL     |
| Soil Aliquot Vol:  | uL                     | Test:           | SVOC-TCL BNA -20 |
| Extraction Type :  | Decanted :    N        | Level :         | LOW              |
| Injection Volume : | GPC Factor :    1.0    | GPC Cleanup :   | N      PH :      |
| Prep Method :      | SW3510C                |                 |                  |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BG064175.D        | 1         | 04/03/25 10:10 | 04/03/25 20:38 | PB167451      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|------------|-------|
| 208-96-8   | Acenaphthylene             | 53.6  |           | 0.75 | 5.00       | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 55.1  |           | 0.92 | 5.00       | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 21.9  |           | 1.10 | 5.00       | ug/L  |
| 83-32-9    | Acenaphthene               | 48.8  |           | 0.55 | 5.00       | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 160   | E         | 6.00 | 10.0       | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 130   | E         | 2.40 | 10.0       | ug/L  |
| 132-64-9   | Dibenzofuran               | 48.7  |           | 0.61 | 5.00       | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 59.6  |           | 1.20 | 5.00       | ug/L  |
| 84-66-2    | Diethylphthalate           | 52.2  |           | 0.69 | 5.00       | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 50.9  |           | 0.68 | 5.00       | ug/L  |
| 86-73-7    | Fluorene                   | 51.1  |           | 0.63 | 5.00       | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 55.7  |           | 1.50 | 5.00       | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 68.5  |           | 2.90 | 10.0       | ug/L  |
| 86-30-6    | n-Nitrosodiphenylamine     | 51.5  |           | 0.58 | 5.00       | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 52.3  |           | 0.40 | 5.00       | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 51.0  |           | 0.52 | 5.00       | ug/L  |
| 1912-24-9  | Atrazine                   | 71.5  |           | 1.00 | 5.00       | ug/L  |
| 87-86-5    | Pentachlorophenol          | 110   | E         | 1.60 | 10.0       | ug/L  |
| 85-01-8    | Phenanthrene               | 50.5  |           | 0.50 | 5.00       | ug/L  |
| 120-12-7   | Anthracene                 | 51.9  |           | 0.61 | 5.00       | ug/L  |
| 86-74-8    | Carbazole                  | 50.5  |           | 0.72 | 5.00       | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 53.0  |           | 1.20 | 5.00       | ug/L  |
| 206-44-0   | Fluoranthene               | 49.0  |           | 0.82 | 5.00       | ug/L  |
| 129-00-0   | Pyrene                     | 51.4  |           | 0.50 | 5.00       | ug/L  |
| 85-68-7    | Butylbenzylphthalate       | 57.7  |           | 1.90 | 5.00       | ug/L  |
| 91-94-1    | 3,3-Dichlorobenzidine      | 27.1  |           | 0.93 | 10.0       | ug/L  |
| 56-55-3    | Benzo(a)anthracene         | 52.5  |           | 0.45 | 5.00       | ug/L  |
| 218-01-9   | Chrysene                   | 49.6  |           | 0.44 | 5.00       | ug/L  |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 60.4  |           | 1.60 | 5.00       | ug/L  |
| 117-84-0   | Di-n-octyl phthalate       | 59.7  |           | 2.30 | 10.0       | ug/L  |
| 205-99-2   | Benzo(b)fluoranthene       | 50.5  |           | 0.49 | 5.00       | ug/L  |

## Report of Analysis

|                    |                  |                 |                  |
|--------------------|------------------|-----------------|------------------|
| Client:            | G Environmental  | Date Collected: |                  |
| Project:           | TGP              | Date Received:  |                  |
| Client Sample ID:  | PB167451BS       | SDG No.:        | Q1690            |
| Lab Sample ID:     | PB167451BS       | Matrix:         | Water            |
| Analytical Method: | SW8270           | % Solid:        | 0                |
| Sample Wt/Vol:     | 1000 Units: mL   | Final Vol:      | 1000 uL          |
| Soil Aliquot Vol:  | uL               | Test:           | SVOC-TCL BNA -20 |
| Extraction Type :  | Decanted : N     | Level :         | LOW              |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup :   | N PH :           |
| Prep Method :      | SW3510C          |                 |                  |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BG064175.D        | 1         | 04/03/25 10:10 | 04/03/25 20:38 | PB167451      |

| CAS Number                | Parameter                  | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units    |
|---------------------------|----------------------------|--------|-----------|---------------------|------------|----------|
| 207-08-9                  | Benzo(k)fluoranthene       | 50.2   |           | 0.48                | 5.00       | ug/L     |
| 50-32-8                   | Benzo(a)pyrene             | 55.0   |           | 0.55                | 5.00       | ug/L     |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene     | 54.7   |           | 0.59                | 5.00       | ug/L     |
| 53-70-3                   | Dibenzo(a,h)anthracene     | 53.9   |           | 0.67                | 5.00       | ug/L     |
| 191-24-2                  | Benzo(g,h,i)perylene       | 50.6   |           | 0.69                | 5.00       | ug/L     |
| 95-94-3                   | 1,2,4,5-Tetrachlorobenzene | 47.7   |           | 0.52                | 5.00       | ug/L     |
| 123-91-1                  | 1,4-Dioxane                | 28.4   |           | 1.00                | 5.00       | ug/L     |
| 58-90-2                   | 2,3,4,6-Tetrachlorophenol  | 60.2   |           | 0.72                | 5.00       | ug/L     |
| <b>SURROGATES</b>         |                            |        |           |                     |            |          |
| 367-12-4                  | 2-Fluorophenol             | 154    |           | 15 (10) - 110 (139) | 103%       | SPK: 150 |
| 13127-88-3                | Phenol-d6                  | 153    |           | 15 (10) - 110 (134) | 102%       | SPK: 150 |
| 4165-60-0                 | Nitrobenzene-d5            | 110    |           | 30 (49) - 130 (133) | 110%       | SPK: 100 |
| 321-60-8                  | 2-Fluorobiphenyl           | 95.7   |           | 30 (52) - 130 (132) | 96%        | SPK: 100 |
| 118-79-6                  | 2,4,6-Tribromophenol       | 187    | *         | 15 (44) - 110 (137) | 125%       | SPK: 150 |
| 1718-51-0                 | Terphenyl-d14              | 103    |           | 30 (48) - 130 (125) | 103%       | SPK: 100 |
| <b>INTERNAL STANDARDS</b> |                            |        |           |                     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4     | 27700  | 7.856     |                     |            |          |
| 1146-65-2                 | Naphthalene-d8             | 127000 | 10.646    |                     |            |          |
| 15067-26-2                | Acenaphthene-d10           | 99200  | 14.483    |                     |            |          |
| 1517-22-2                 | Phenanthrene-d10           | 236000 | 17.221    |                     |            |          |
| 1719-03-5                 | Chrysene-d12               | 232000 | 21.457    |                     |            |          |
| 1520-96-3                 | Perylene-d12               | 251000 | 24.465    |                     |            |          |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040325\  
 Data File : BG064175.D  
 Acq On : 3 Apr 2025 20:38  
 Operator : RC/JU  
 Sample : PB167451BS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

PB167451BS

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025

Quant Time: Apr 04 01:46:54 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 05 15:39:19 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.856  | 152  | 27724    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.646 | 136  | 127043   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.483 | 164  | 99227    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.221 | 188  | 235595   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.457 | 240  | 232442   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.465 | 264  | 250687   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.447  | 112  | 273370   | 153.965 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.027  | 99   | 369305   | 152.895 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.013  | 82   | 252836   | 109.980 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.970 | 330  | 206326   | 187.063 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.108 | 172  | 625714   | 95.716  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.842 | 244  | 1181105  | 102.743 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.361  | 88   | 22821    | 28.360  | ng    | 87       |
| 3) Pyridine                   | 3.749  | 79   | 72085    | 36.835  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.660  | 42   | 59160    | 42.311  | ng    | 98       |
| 6) Aniline                    | 7.186  | 93   | 81316    | 34.308  | ng    | 96       |
| 8) 2-Chlorophenol             | 7.427  | 128  | 104021   | 54.548  | ng    | 97       |
| 9) Benzaldehyde               | 6.998  | 77   | 59463    | 42.329  | ng    | 93       |
| 10) Phenol                    | 7.056  | 94   | 132073   | 53.406  | ng    | 94       |
| 11) bis(2-Chloroethyl)ether   | 7.286  | 93   | 90315    | 46.583  | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 7.750  | 146  | 98739    | 47.152  | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 7.897  | 146  | 101460   | 47.270  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.208  | 146  | 101004   | 48.800  | ng    | 95       |
| 15) Benzyl Alcohol            | 8.091  | 79   | 103667   | 55.540  | ng    | 91       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.384  | 45   | 209856   | 48.138  | ng    | 99       |
| 17) 2-Methylphenol            | 8.296  | 107  | 92668    | 56.460  | ng    | 99       |
| 18) Hexachloroethane          | 8.937  | 117  | 39888    | 53.115  | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 8.660  | 70   | 85464    | 50.417  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.625  | 107  | 130529   | 57.767  | ng    | 96       |
| 22) Acetophenone              | 8.672  | 105  | 167288   | 48.026  | ng    | 98       |
| 24) Nitrobenzene              | 9.054  | 77   | 127515   | 53.672  | ng    | # 96     |
| 25) Isophorone                | 9.577  | 82   | 242940   | 52.797  | ng    | # 95     |
| 26) 2-Nitrophenol             | 9.759  | 139  | 56117    | 63.620  | ng    | # 90     |
| 27) 2,4-Dimethylphenol        | 9.824  | 122  | 113861   | 82.542  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.059 | 93   | 138485   | 49.641  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.294 | 162  | 105181   | 60.386  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.511 | 180  | 107026   | 50.900  | ng    | 95       |
| 31) Naphthalene               | 10.699 | 128  | 333528   | 48.686  | ng    | 99       |
| 32) Benzoic acid              | 9.977  | 122  | 78807    | 59.641  | ng    | 97       |
| 33) 4-Chloroaniline           | 10.805 | 127  | 30844    | 12.319  | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.987 | 225  | 72158    | 52.355  | ng    | 96       |
| 35) Caprolactam               | 11.569 | 113  | 38445m   | 57.596  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 11.933 | 107  | 141004   | 61.757  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.303 | 142  | 226997   | 46.937  | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.527 | 142  | 245040   | 51.718  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.679 | 216  | 135050   | 47.673  | ng    | # 98     |
| 41) Hexachlorocyclopentadiene | 12.662 | 237  | 200978   | 252.069 | ng    | 93       |
| 43) 2,4,6-Trichlorophenol     | 12.914 | 196  | 95761    | 57.356  | ng    | 98       |

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 Data File : BG064175.D  
 Acq On : 3 Apr 2025 20:38  
 Operator : RC/JU  
 Sample : PB167451BS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

PB167451BS

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025

Quant Time: Apr 04 01:46:54 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 05 15:39:19 2025

Response via : Initial Calibration

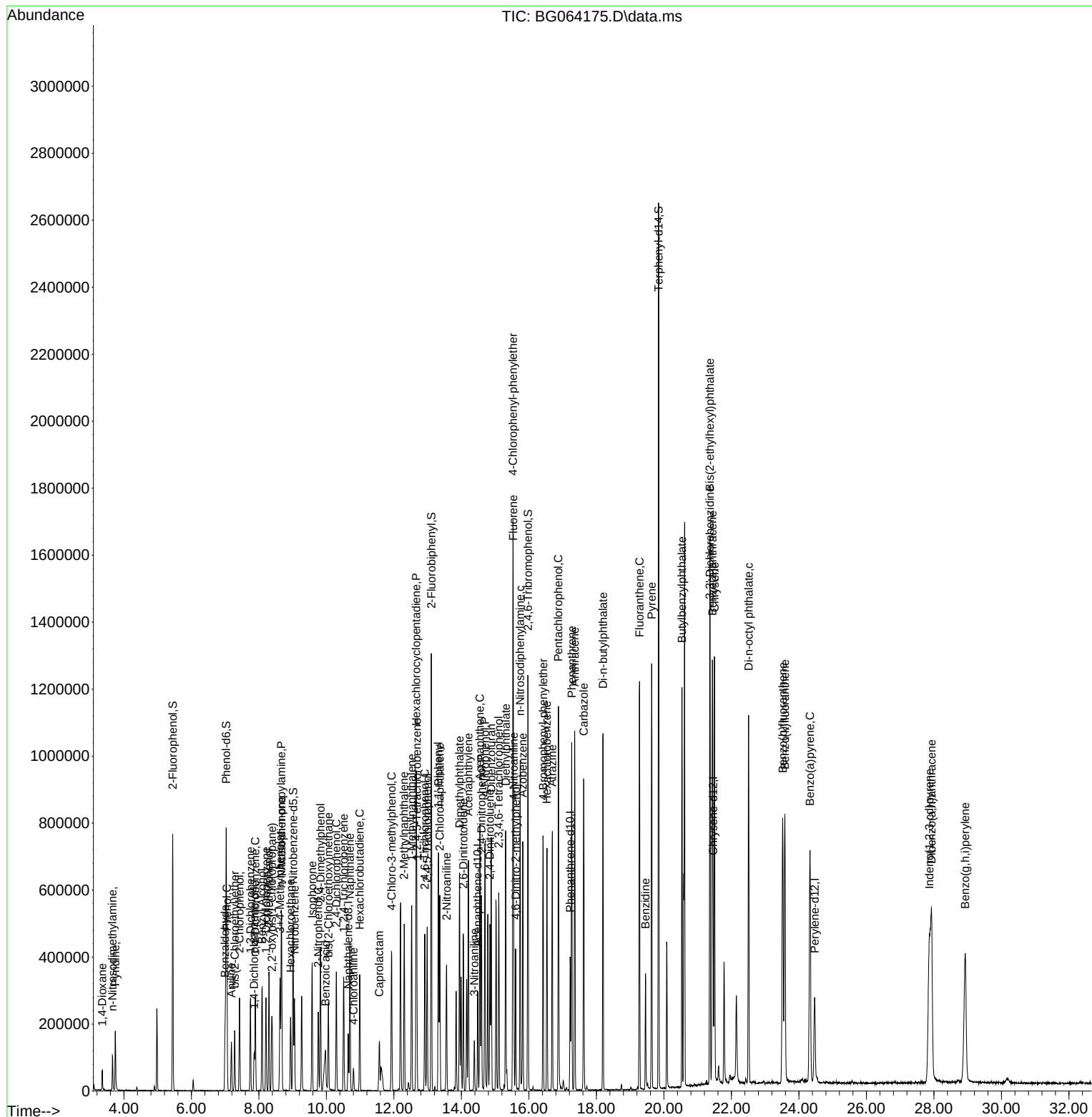
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|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.985 | 196  | 108252   | 58.352  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.320 | 154  | 364524   | 48.625  | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.361 | 162  | 266516   | 48.745  | ng    | 97       |
| 48) 2-Nitroaniline            | 13.561 | 65   | 106702   | 56.697  | ng    | 97       |
| 49) Acenaphthylene            | 14.207 | 152  | 463864   | 53.637  | ng    | 99       |
| 50) Dimethylphthalate         | 13.943 | 163  | 373757   | 51.027  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.054 | 165  | 82641    | 55.081  | ng    | 95       |
| 52) Acenaphthene              | 14.548 | 154  | 283336   | 48.819  | ng    | 98       |
| 53) 3-Nitroaniline            | 14.383 | 138  | 30973    | 21.879  | ng    | 93       |
| 54) 2,4-Dinitrophenol         | 14.595 | 184  | 103147   | 157.964 | ng    | # 78     |
| 55) Dibenzofuran              | 14.883 | 168  | 458251   | 48.739  | ng    | 99       |
| 56) 4-Nitrophenol             | 14.700 | 139  | 148840   | 125.363 | ng    | # 89     |
| 57) 2,4-Dinitrotoluene        | 14.841 | 165  | 124141   | 59.593  | ng    | # 98     |
| 58) Fluorene                  | 15.535 | 166  | 373934   | 51.063  | ng    | 96       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.106 | 232  | 108848   | 60.184  | ng    | 95       |
| 60) Diethylphthalate          | 15.312 | 149  | 415297   | 52.228  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.529 | 204  | 185302   | 50.920  | ng    | 90       |
| 62) 4-Nitroaniline            | 15.547 | 138  | 85117    | 55.690  | ng    | 93       |
| 63) Azobenzene                | 15.817 | 77   | 410613   | 48.392  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.611 | 198  | 74018    | 68.512  | ng    | 93       |
| 66) n-Nitrosodiphenylamine    | 15.740 | 169  | 343772   | 51.549  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.422 | 248  | 126083   | 52.253  | ng    | 96       |
| 68) Hexachlorobenzene         | 16.534 | 284  | 137848   | 51.029  | ng    | 99       |
| 69) Atrazine                  | 16.692 | 200  | 140300   | 71.503  | ng    | 97       |
| 70) Pentachlorophenol         | 16.874 | 266  | 186580   | 111.241 | ng    | 99       |
| 71) Phenanthrene              | 17.268 | 178  | 635172   | 50.546  | ng    | 98       |
| 72) Anthracene                | 17.356 | 178  | 648466   | 51.897  | ng    | 99       |
| 73) Carbazole                 | 17.626 | 167  | 588835   | 50.473  | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.196 | 149  | 727823   | 53.000  | ng    | 100      |
| 75) Fluoranthene              | 19.277 | 202  | 742513   | 49.013  | ng    | 97       |
| 77) Benzidine                 | 19.454 | 184  | 189136   | 58.762  | ng    | 97       |
| 78) Pyrene                    | 19.636 | 202  | 770248   | 51.406  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.535 | 149  | 329008   | 57.719  | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.434 | 228  | 781366   | 52.478  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.357 | 252  | 130385   | 27.058  | ng    | 94       |
| 83) Chrysene                  | 21.498 | 228  | 736885   | 49.620  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.363 | 149  | 486302   | 60.391  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.509 | 149  | 828678   | 59.663  | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.867 | 276  | 917101   | 54.677  | ng    | # 96     |
| 88) Benzo(b)fluoranthene      | 23.520 | 252  | 764913   | 50.473  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.584 | 252  | 763585   | 50.224  | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.330 | 252  | 741942   | 54.971  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 27.926 | 278  | 749744   | 53.918  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 28.925 | 276  | 722475   | 50.605  | ng    | 97       |

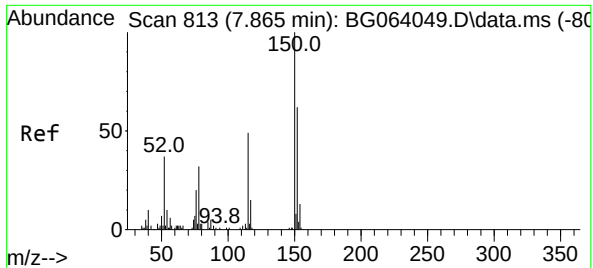
(#) = qualifier out of range (m) = manual integration (+) = signals summed

**Instrument :**  
BNA\_G  
**ClientSampleId :**  
PB167451BS

## Manual Integrations APPROVED

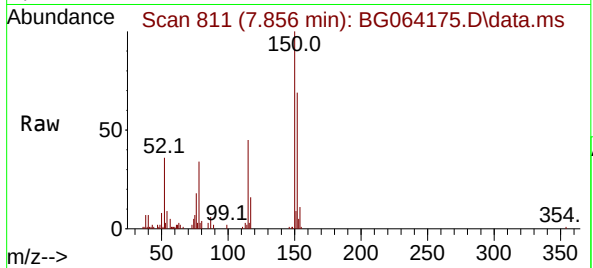
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.856 min Scan# 81  
Delta R.T. -0.009 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

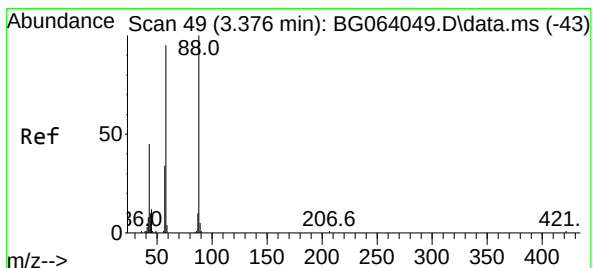
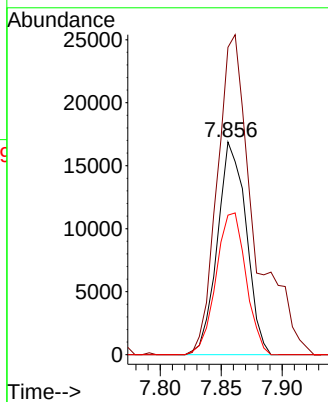
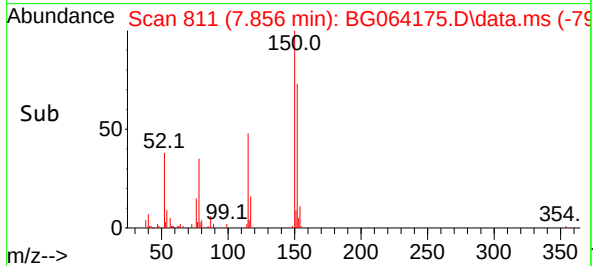
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BS



Tgt Ion: 152 Resp: 27724  
Ion Ratio Lower Upper  
152 100  
150 144.5 129.2 193.8  
115 65.6 63.0 94.6

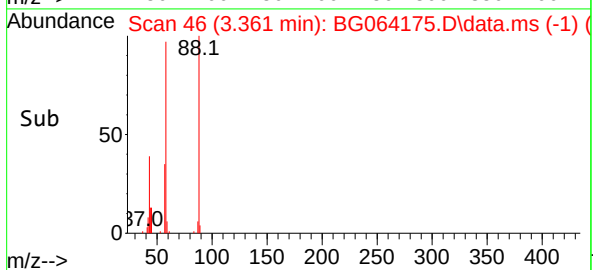
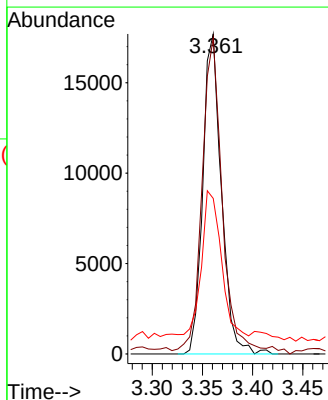
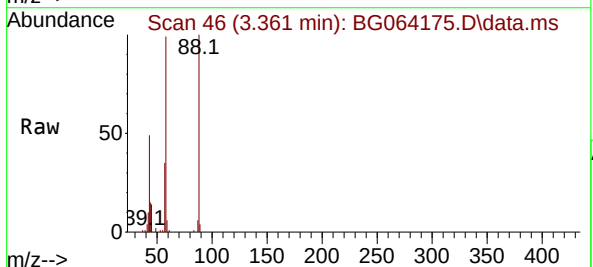
Manual Integrations  
APPROVED

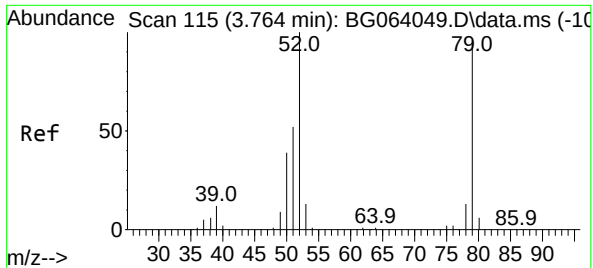
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#2  
1,4-Dioxane  
Concen: 28.360 ng  
RT: 3.361 min Scan# 46  
Delta R.T. -0.015 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

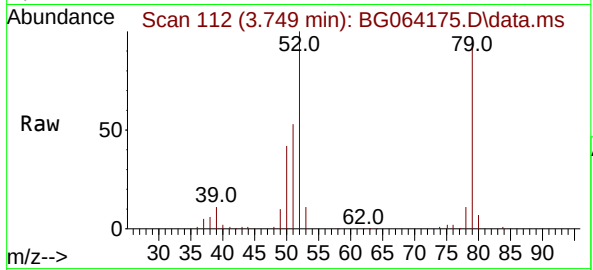
Tgt Ion: 88 Resp: 22821  
Ion Ratio Lower Upper  
88 100  
58 109.4 74.6 111.8  
43 47.2 35.5 53.3





#3  
Pyridine  
Concen: 36.835 ng  
RT: 3.749 min Scan# 115  
Delta R.T. -0.015 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

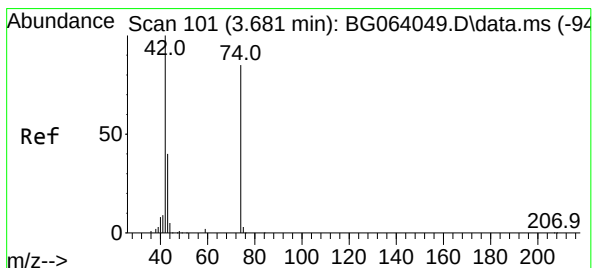
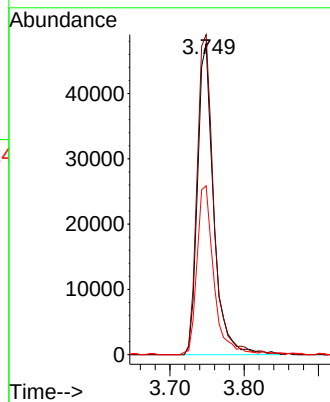
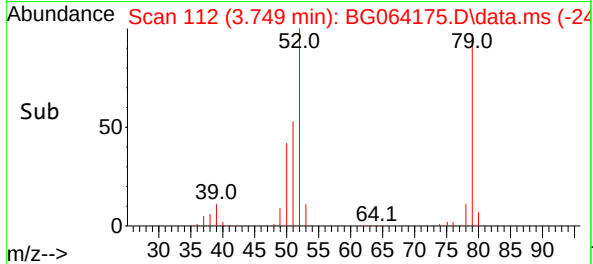
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BS



Tgt Ion: 79 Resp: 72085  
Ion Ratio Lower Upper  
79 100  
52 102.8 83.0 124.6  
51 54.3 44.3 66.5

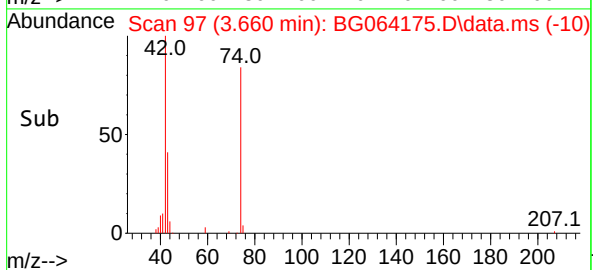
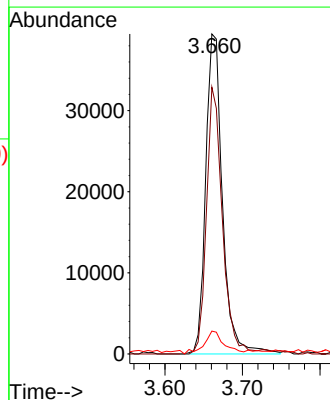
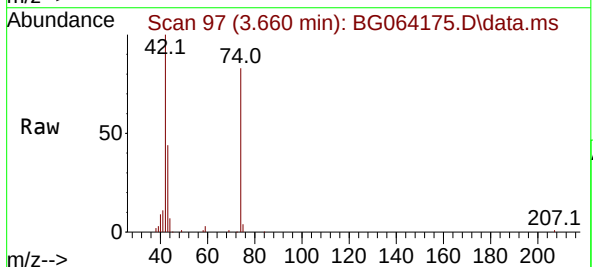
Manual Integrations  
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Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025

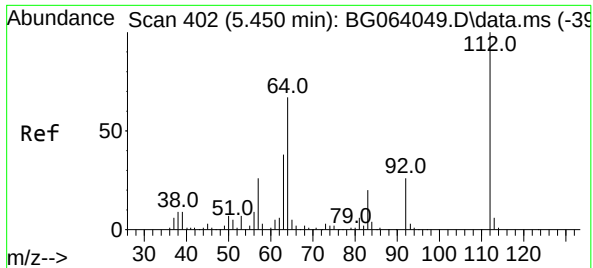


#4  
n-Nitrosodimethylamine  
Concen: 42.311 ng  
RT: 3.660 min Scan# 97  
Delta R.T. -0.021 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

Tgt Ion: 42 Resp: 59160  
Ion Ratio Lower Upper  
42 100  
74 83.4 68.0 102.0  
44 7.2 4.9 7.3







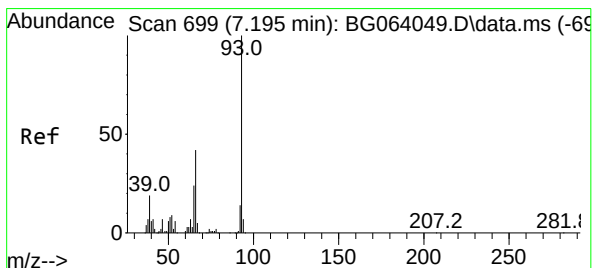
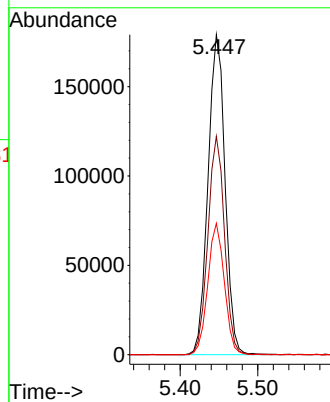
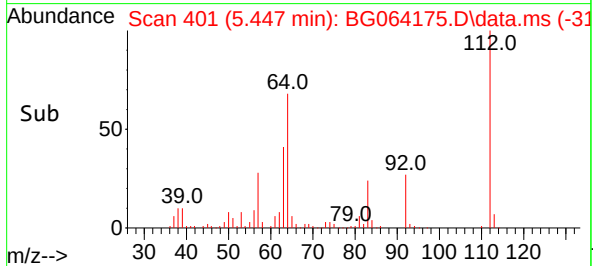
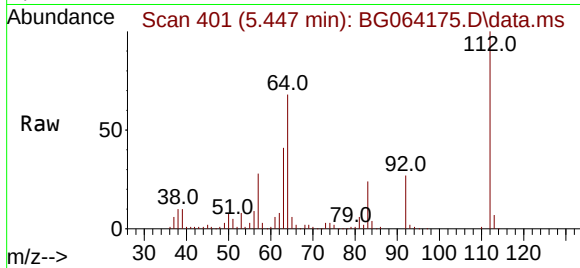
#5  
2-Fluorophenol  
Concen: 153.965 ng  
RT: 5.447 min Scan# 402  
Delta R.T. -0.003 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BS

Tgt Ion:112 Resp: 273370  
Ion Ratio Lower Upper  
112 100  
64 68.3 53.7 80.5  
63 41.0 30.2 45.4

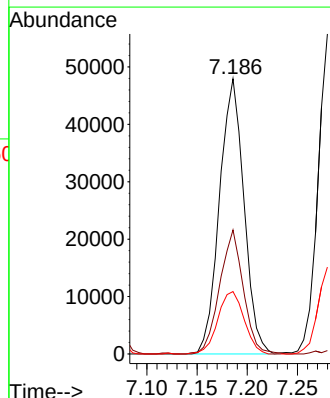
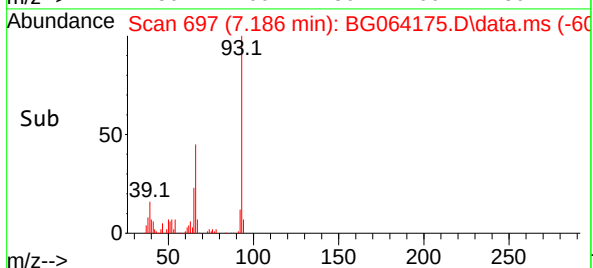
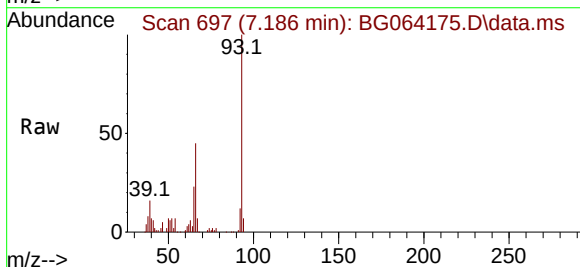
Manual Integrations  
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Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025

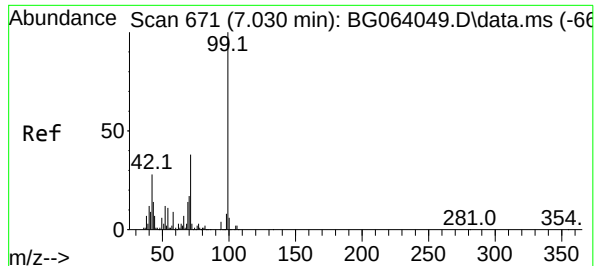


#6  
Aniline  
Concen: 34.308 ng  
RT: 7.186 min Scan# 697  
Delta R.T. -0.009 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

Tgt Ion: 93 Resp: 81316  
Ion Ratio Lower Upper  
93 100  
66 45.0 33.7 50.5  
65 22.7 19.1 28.7

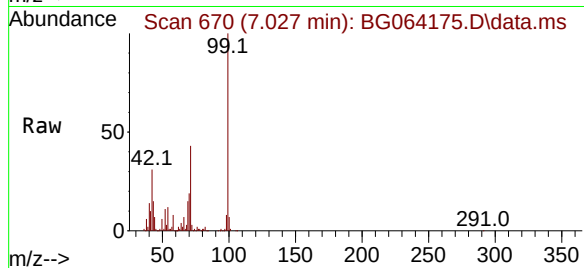






#7  
Phenol-d6  
Concen: 152.895 ng  
RT: 7.027 min Scan# 61  
Delta R.T. -0.003 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

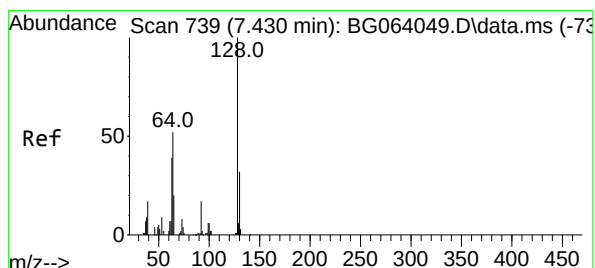
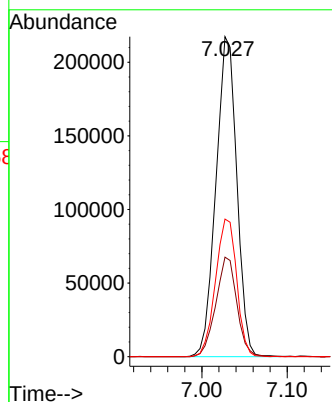
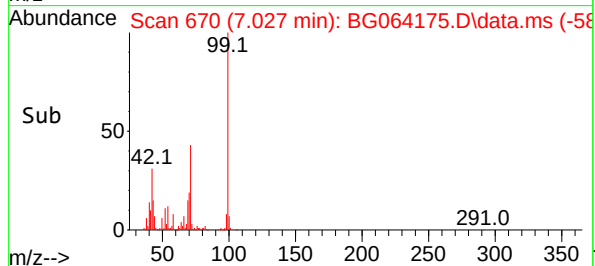
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BS



Tgt Ion: 99 Resp: 36930  
Ion Ratio Lower Upper  
99 100  
42 31.1 22.7 34.1  
71 43.0 30.6 46.0

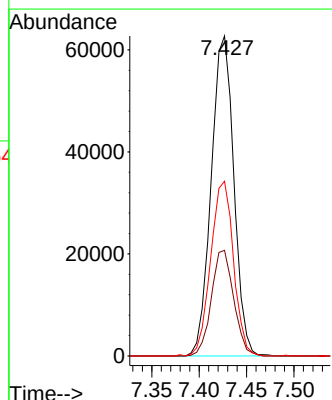
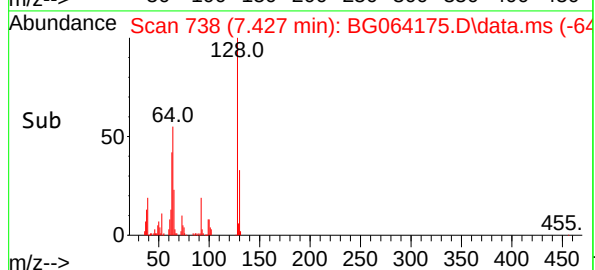
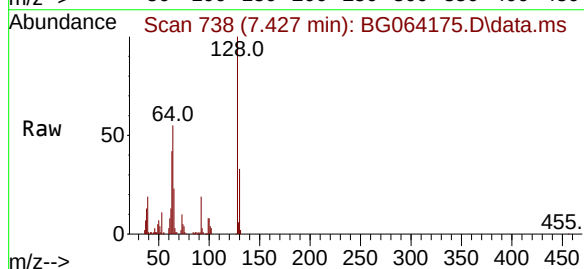
Manual Integrations  
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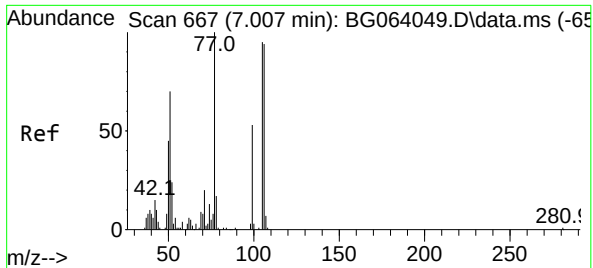
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#8  
2-Chlorophenol  
Concen: 54.548 ng  
RT: 7.427 min Scan# 738  
Delta R.T. -0.003 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

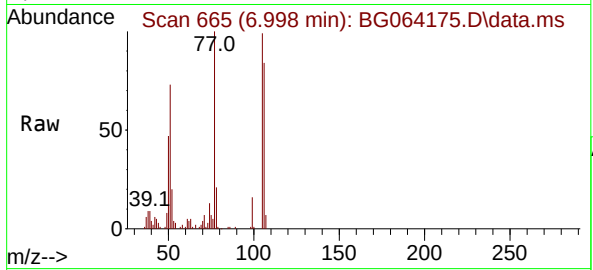
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Ion Ratio Lower Upper  
128 100  
130 33.0 12.3 52.3  
64 54.6 37.0 77.0





#9  
Benzaldehyde  
Concen: 42.329 ng  
RT: 6.998 min Scan# 665  
Delta R.T. -0.009 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

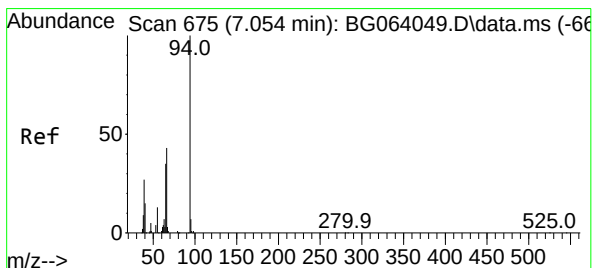
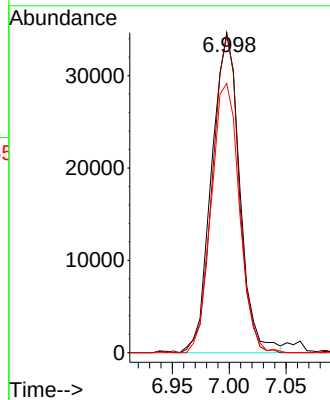
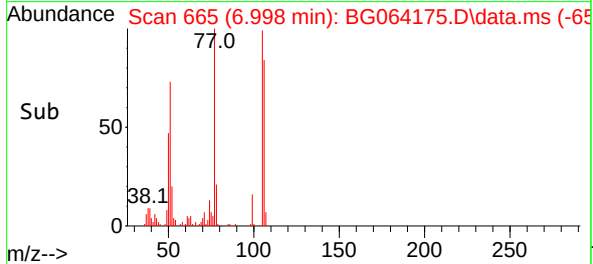
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BS



Tgt Ion: 77 Resp: 5946  
Ion Ratio Lower Upper  
77 100  
105 99.1 75.5 115.5  
106 84.1 74.2 114.2

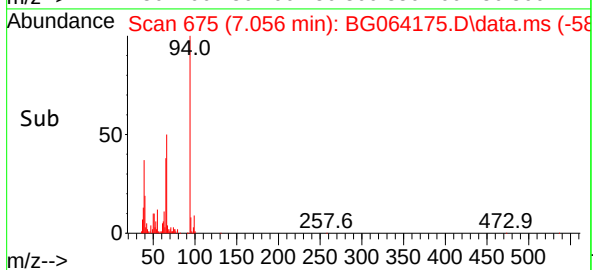
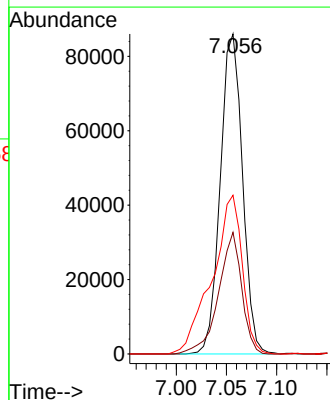
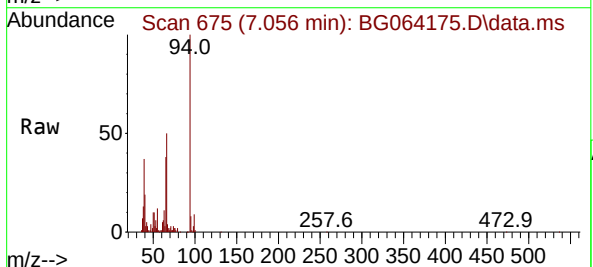
Manual Integrations  
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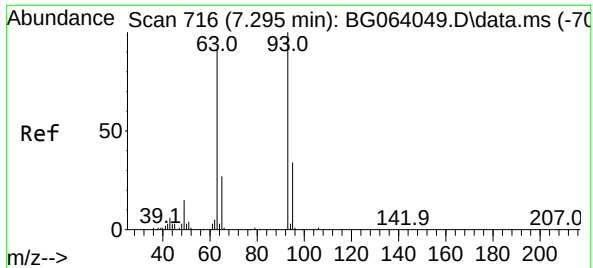
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#10  
Phenol  
Concen: 53.406 ng  
RT: 7.056 min Scan# 675  
Delta R.T. 0.003 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

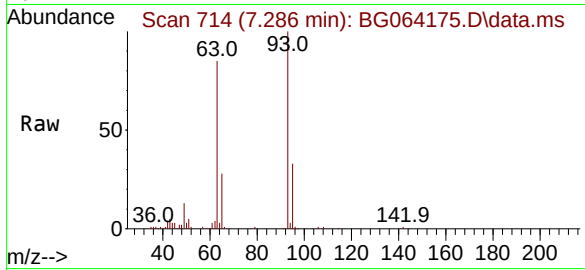
Tgt Ion: 94 Resp: 132073  
Ion Ratio Lower Upper  
94 100  
65 38.0 15.2 55.2  
66 49.6 25.1 65.1





#11  
bis(2-Chloroethyl)ether  
Concen: 46.583 ng  
RT: 7.286 min Scan# 716  
Delta R.T. -0.009 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

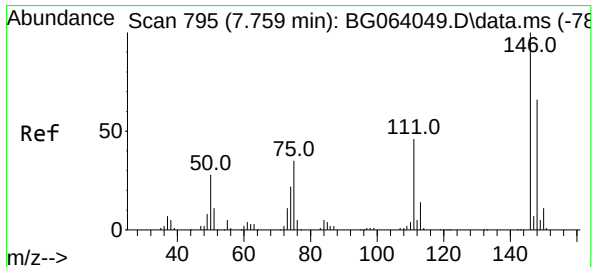
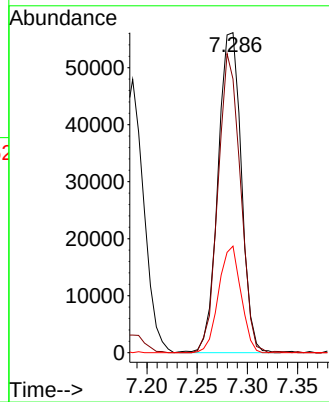
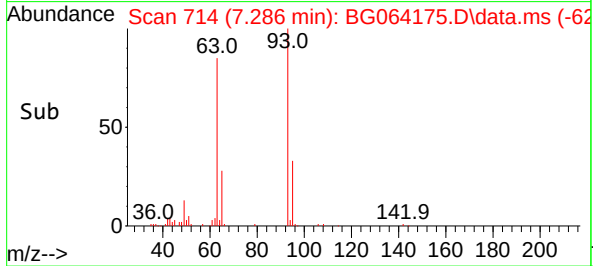
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BS



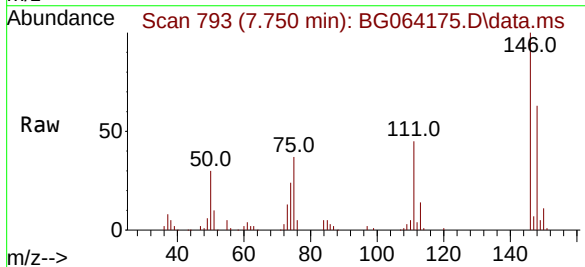
Tgt Ion: 93 Resp: 90315  
Ion Ratio Lower Upper  
93 100  
63 85.5 70.0 110.0  
95 33.3 13.7 53.7

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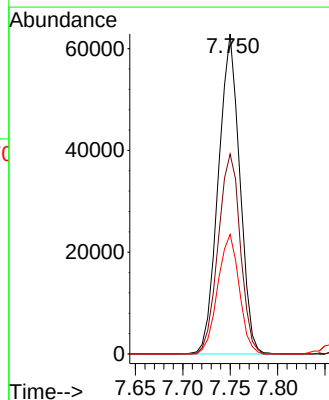
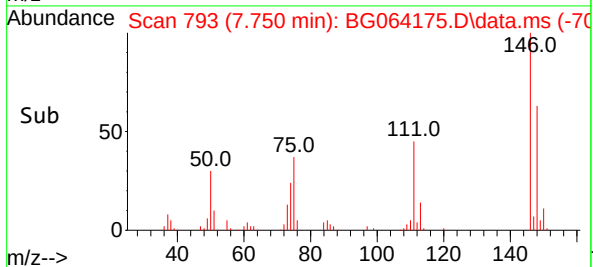
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025

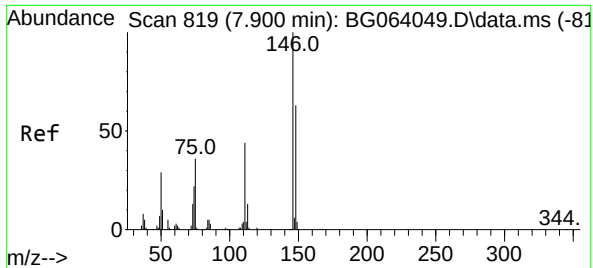


#12  
1,3-Dichlorobenzene  
Concen: 47.152 ng  
RT: 7.750 min Scan# 793  
Delta R.T. -0.009 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38



Tgt Ion:146 Resp: 98739  
Ion Ratio Lower Upper  
146 100  
148 62.5 52.6 78.8  
75 37.3 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 47.270 ng

RT: 7.897 min Scan# 81

Delta R.T. -0.003 min

Lab File: BG064175.D

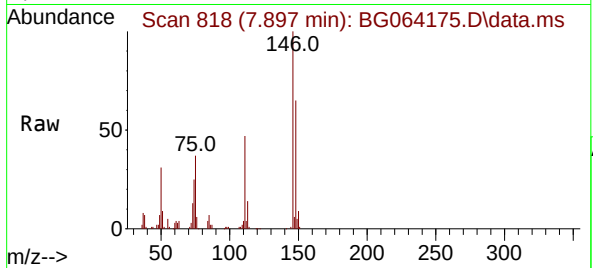
Acq: 3 Apr 2025 20:38

Instrument :

BNA\_G

ClientSampleId :

PB167451BS



Tgt Ion:146 Resp: 101460

Ion Ratio Lower Upper

146 100

148 64.7 50.6 75.8

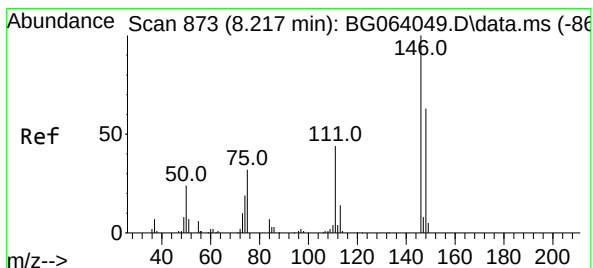
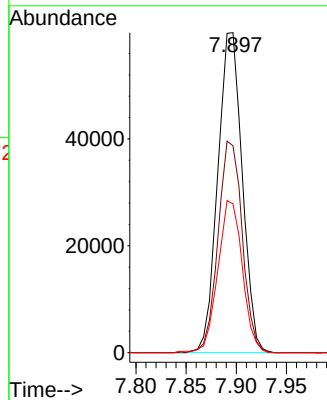
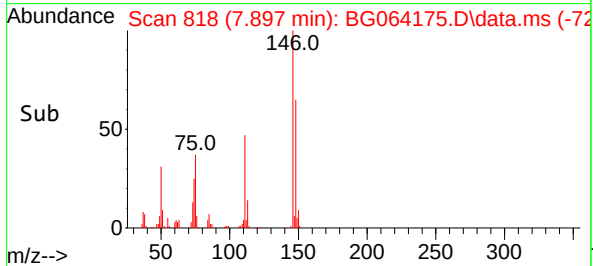
111 46.5 35.1 52.7

Manual Integrations

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Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#14

1,2-Dichlorobenzene

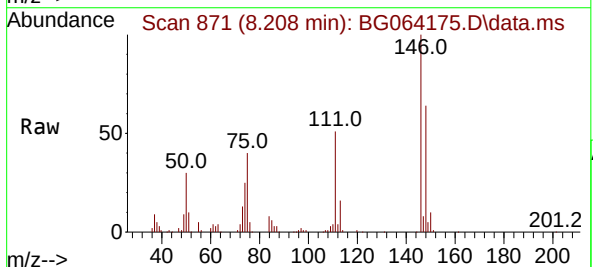
Concen: 48.800 ng

RT: 8.208 min Scan# 871

Delta R.T. -0.009 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38



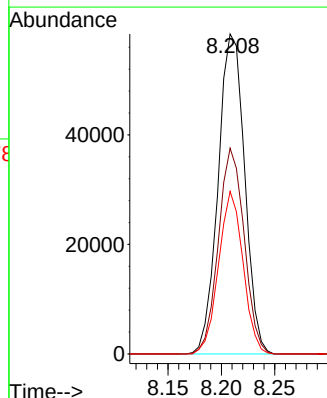
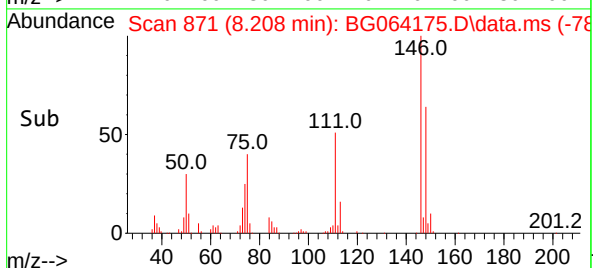
Tgt Ion:146 Resp: 101004

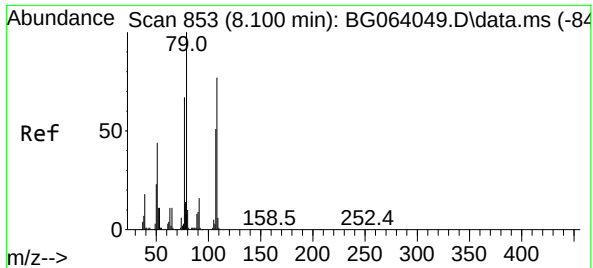
Ion Ratio Lower Upper

146 100

148 64.3 50.2 75.2

111 50.8 36.4 54.6





#15

Benzyl Alcohol

Concen: 55.540 ng

RT: 8.091 min Scan# 80

Delta R.T. -0.009 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

Instrument :

BNA\_G

ClientSampleId :

PB167451BS

Tgt Ion: 79 Resp: 10366

Ion Ratio Lower Upper

79 100

108 65.3 61.7 92.5

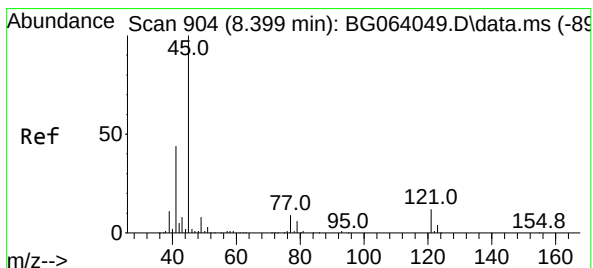
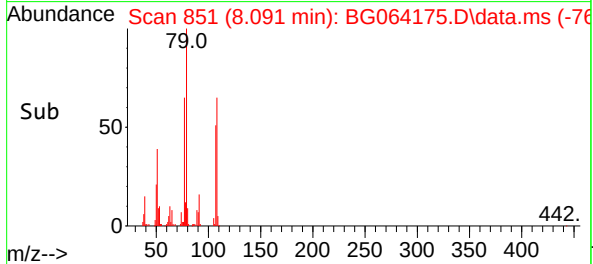
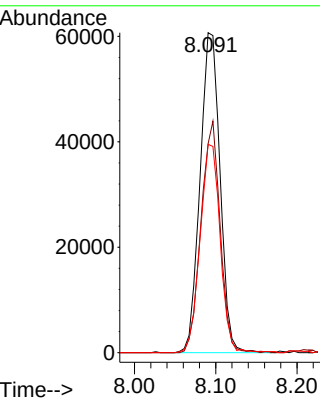
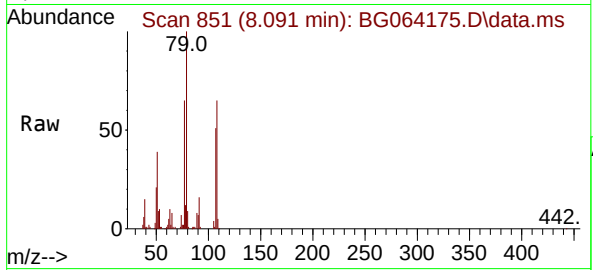
77 65.1 53.9 80.9

Manual Integrations

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Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.138 ng

RT: 8.384 min Scan# 901

Delta R.T. -0.015 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

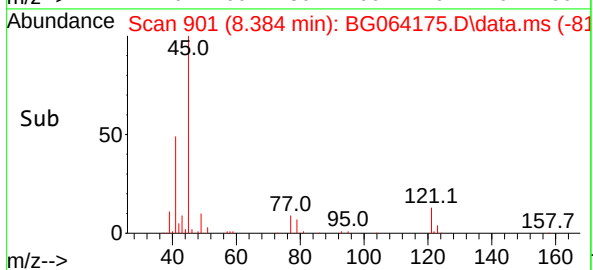
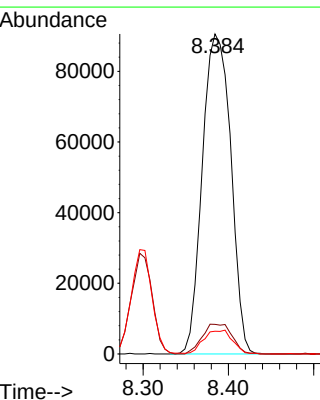
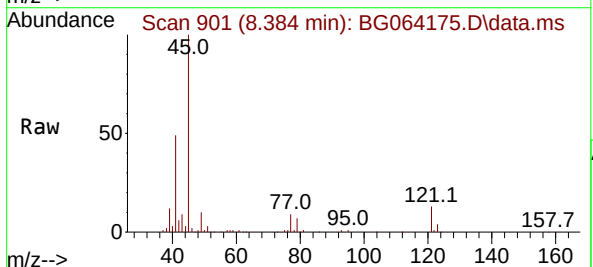
Tgt Ion: 45 Resp: 209856

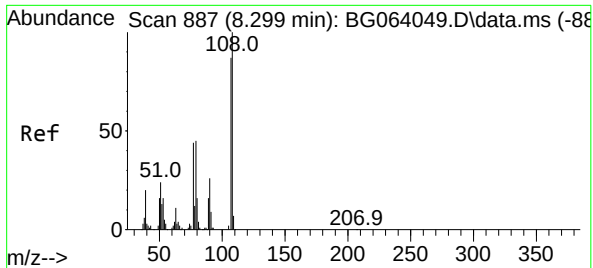
Ion Ratio Lower Upper

45 100

77 9.2 0.0 29.0

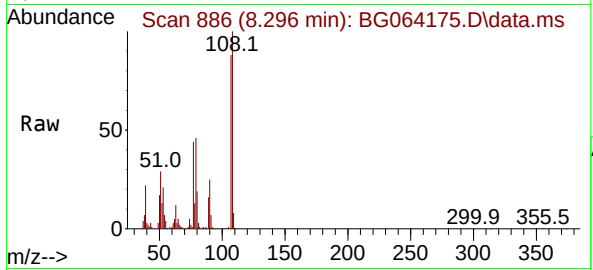
79 7.1 0.0 26.6





#17  
2-Methylphenol  
Concen: 56.460 ng  
RT: 8.296 min Scan# 887  
Delta R.T. -0.003 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

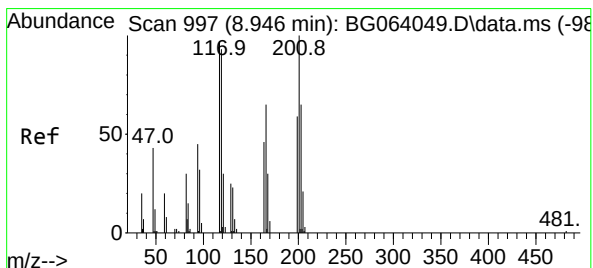
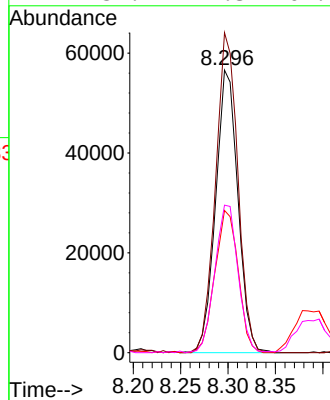
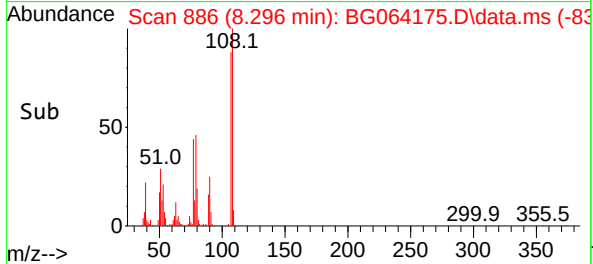
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BS



Tgt Ion:107 Resp: 9266  
Ion Ratio Lower Upper  
107 100  
108 113.2 92.5 138.7  
77 50.4 40.5 60.7  
79 52.2 41.3 61.9

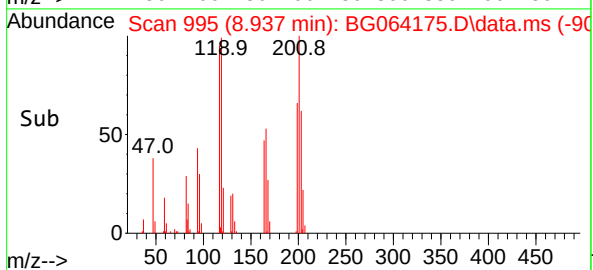
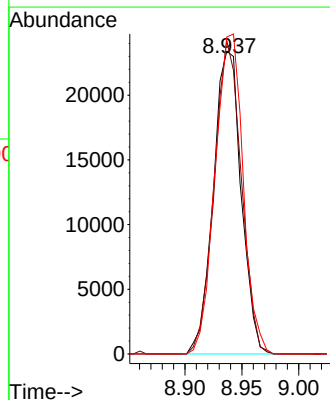
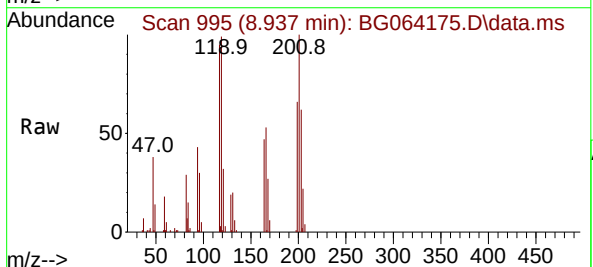
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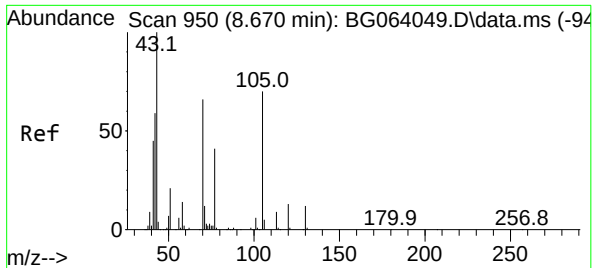
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#18  
Hexachloroethane  
Concen: 53.115 ng  
RT: 8.937 min Scan# 995  
Delta R.T. -0.009 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

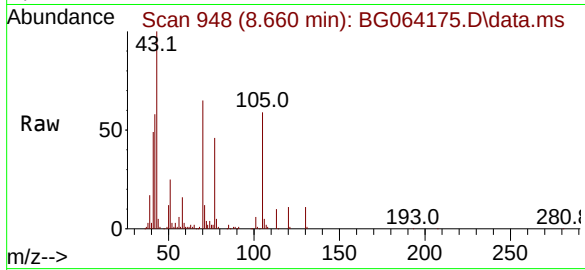
Tgt Ion:117 Resp: 39888  
Ion Ratio Lower Upper  
117 100  
119 103.5 76.2 114.2  
201 104.7 81.5 122.3





#19  
n-Nitroso-di-n-propylamine  
Concen: 50.417 ng  
RT: 8.660 min Scan# 948  
Delta R.T. -0.009 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

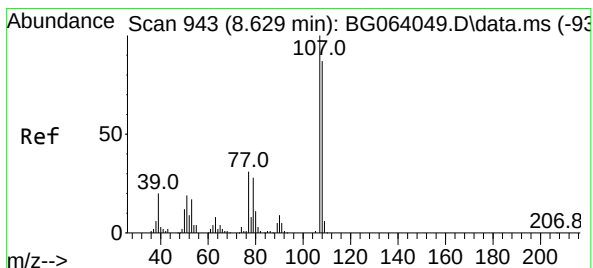
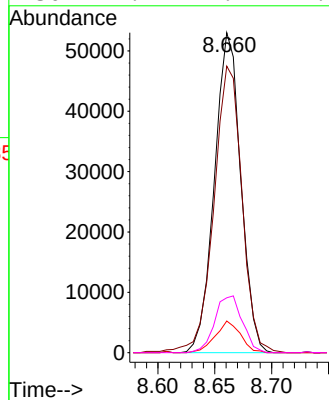
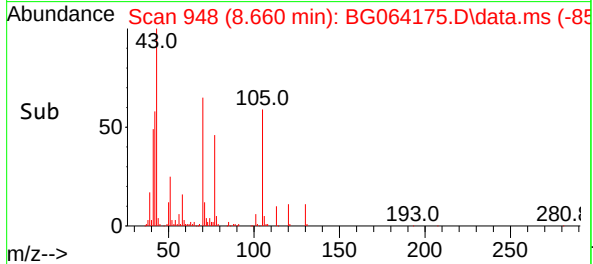
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BS



Tgt Ion: 70 Resp: 85464  
Ion Ratio Lower Upper  
70 100  
42 89.6 72.1 108.1  
101 9.9 7.2 10.8  
130 17.1 14.7 22.1

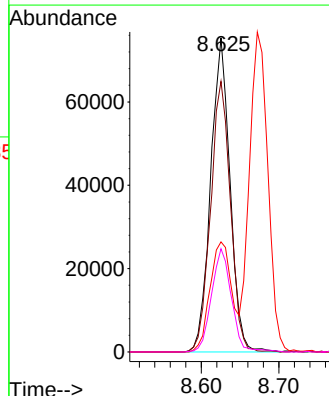
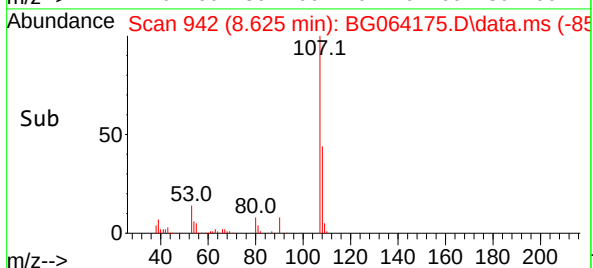
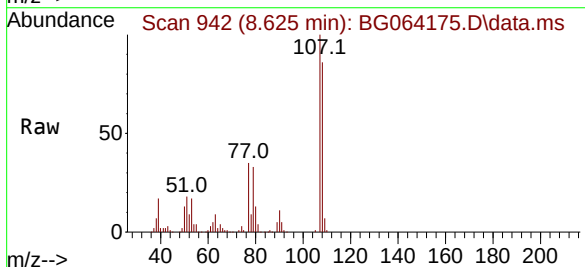
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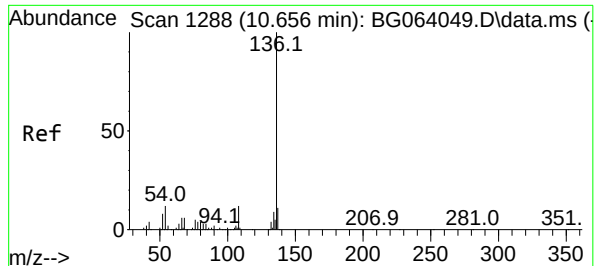
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#20  
3+4-Methylphenols  
Concen: 57.767 ng  
RT: 8.625 min Scan# 942  
Delta R.T. -0.003 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

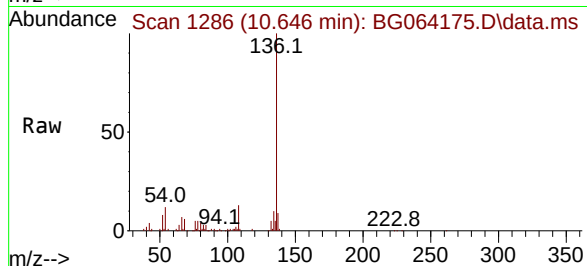
Tgt Ion:107 Resp: 130529  
Ion Ratio Lower Upper  
107 100  
108 86.1 67.0 107.0  
77 35.1 11.2 51.2  
79 32.9 7.7 47.7





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.646 min Scan# 1286  
Delta R.T. -0.010 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

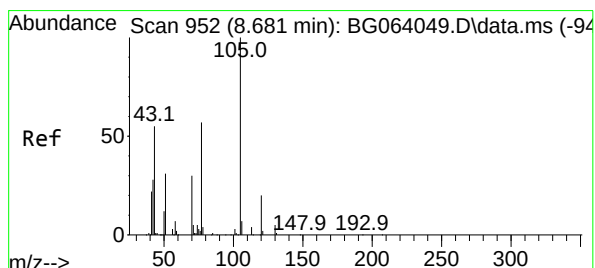
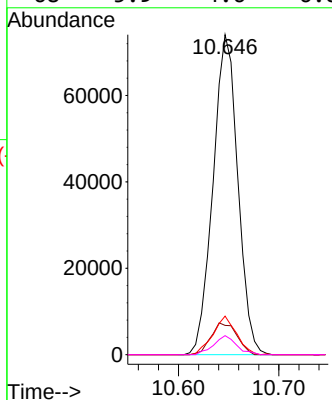
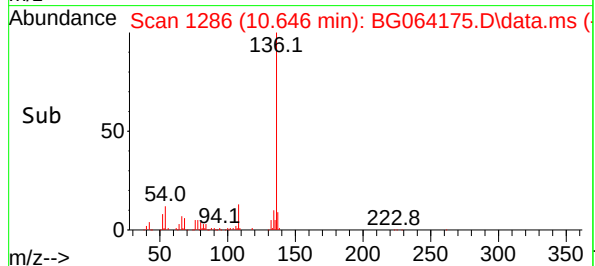
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BS



Tgt Ion:136 Resp: 127043  
Ion Ratio Lower Upper  
136 100  
137 9.2 8.5 12.7  
54 12.1 9.9 14.9  
68 5.9 4.6 6.8

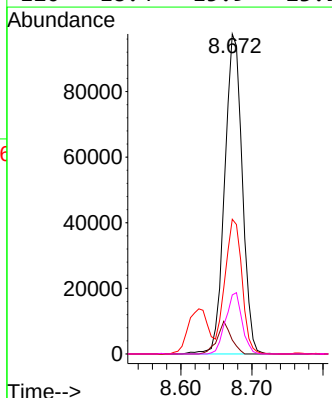
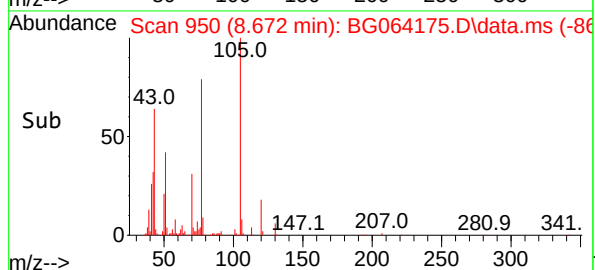
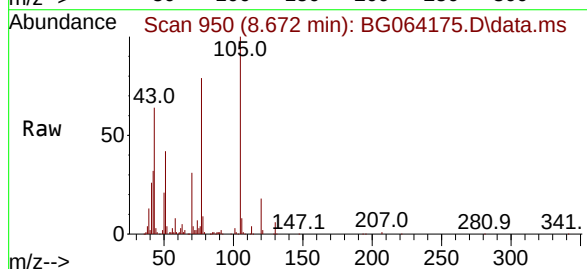
Manual Integrations  
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Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025

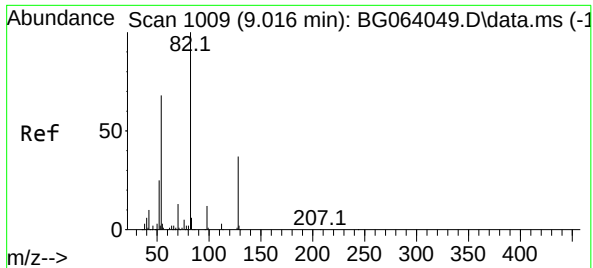


#22  
Acetophenone  
Concen: 48.026 ng  
RT: 8.672 min Scan# 950  
Delta R.T. -0.009 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

Tgt Ion:105 Resp: 167288  
Ion Ratio Lower Upper  
105 100  
71 4.4 4.2 6.4  
51 42.1 33.3 49.9  
120 18.4 15.9 23.9







#23

Nitrobenzene-d5

Concen: 109.980 ng

RT: 9.013 min Scan# 1008

Delta R.T. -0.003 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

Instrument :

BNA\_G

ClientSampleId :

PB167451BS

Tgt Ion: 82 Resp: 252830

Ion Ratio Lower Upper

82 100

128 40.7 30.0 45.0

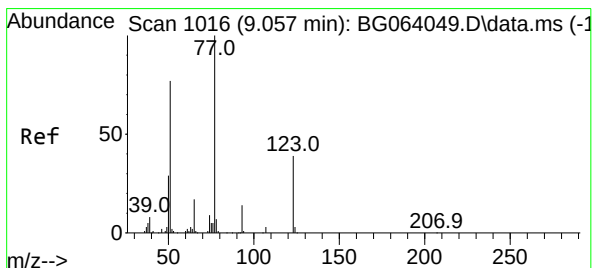
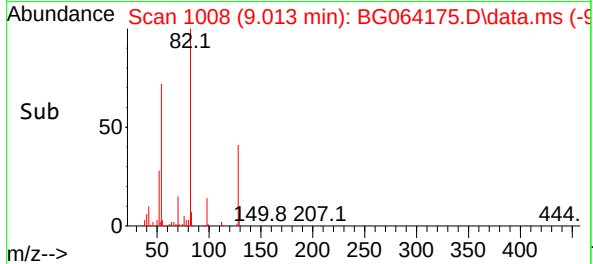
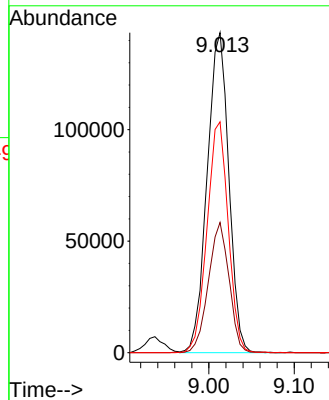
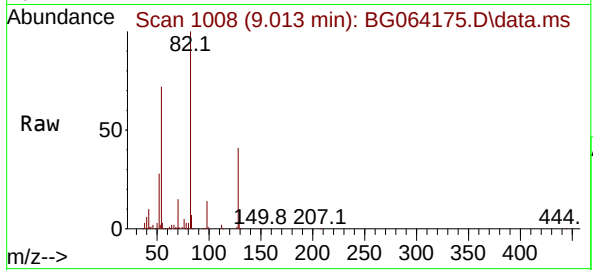
54 72.2 54.7 82.1

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Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#24

Nitrobenzene

Concen: 53.672 ng

RT: 9.054 min Scan# 1015

Delta R.T. -0.003 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

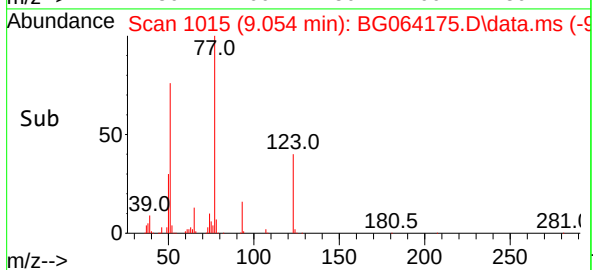
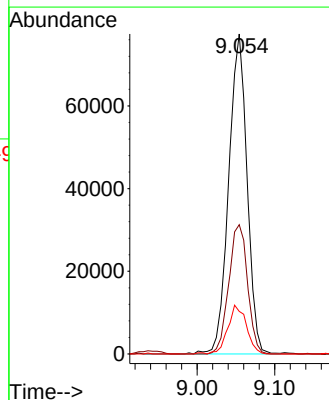
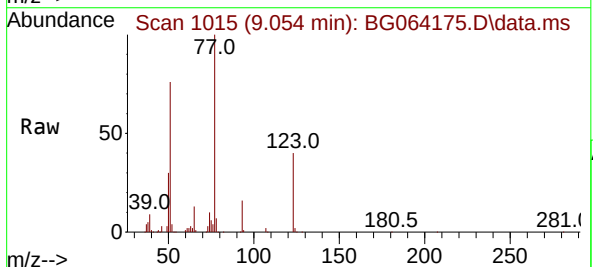
Tgt Ion: 77 Resp: 127515

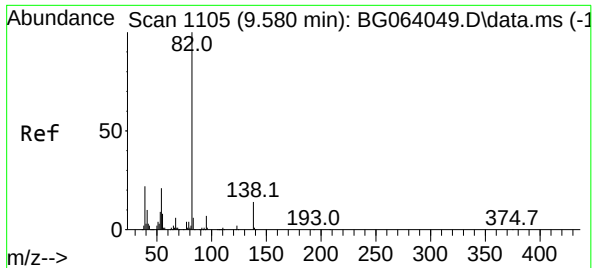
Ion Ratio Lower Upper

77 100

123 40.4 31.4 47.2

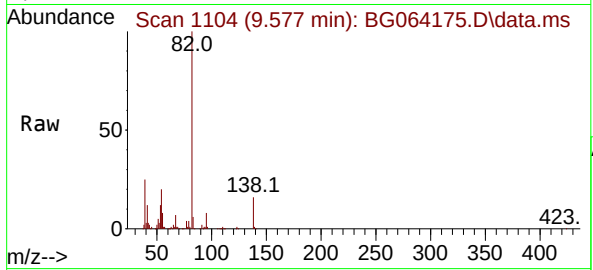
65 13.3 13.4 20.0#





#25  
Isophorone  
Concen: 52.797 ng  
RT: 9.577 min Scan# 1104  
Delta R.T. -0.003 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

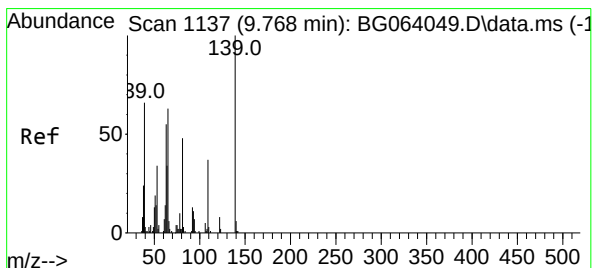
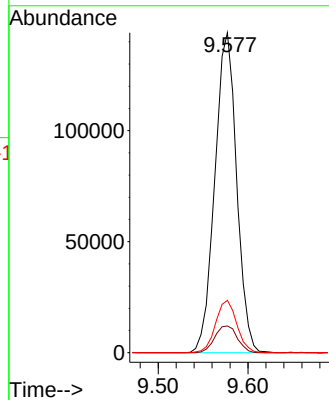
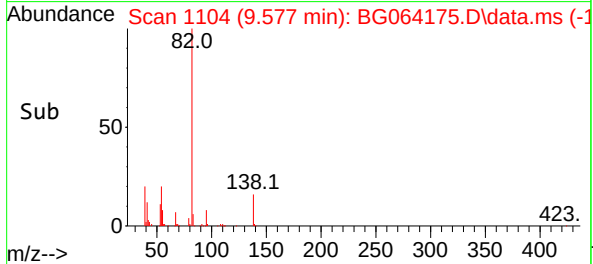
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BS



Tgt Ion: 82 Resp: 242940  
Ion Ratio Lower Upper  
82 100  
95 8.4 5.8 8.8  
138 16.3 10.9 16.3

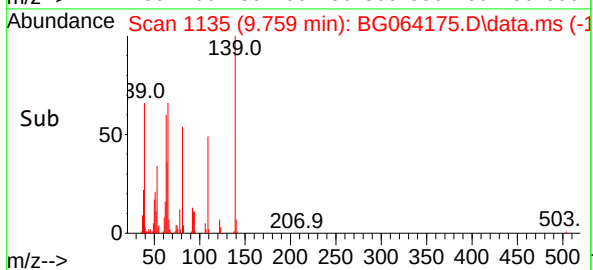
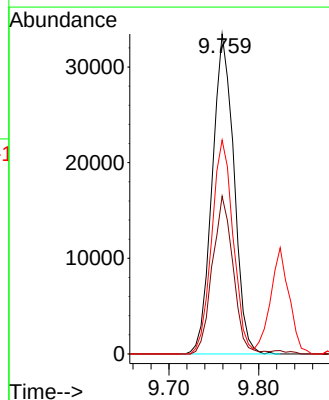
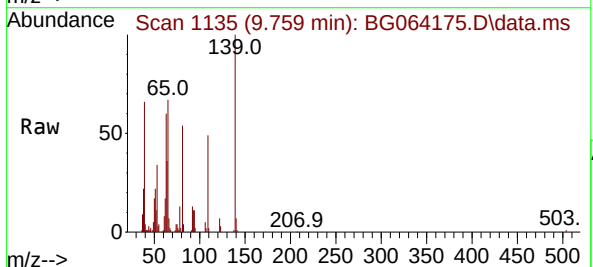
Manual Integrations  
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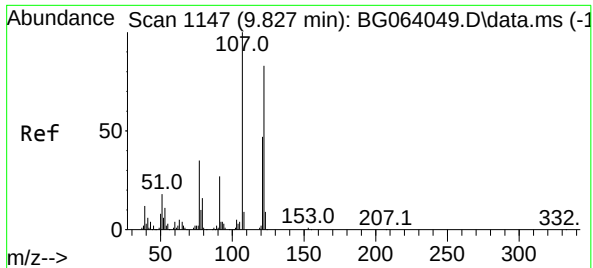
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#26  
2-Nitrophenol  
Concen: 63.620 ng  
RT: 9.759 min Scan# 1135  
Delta R.T. -0.009 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

Tgt Ion:139 Resp: 56117  
Ion Ratio Lower Upper  
139 100  
109 49.3 29.9 44.9#  
65 66.8 50.6 76.0





#27

2,4-Dimethylphenol

Concen: 82.542 ng

RT: 9.824 min Scan# 1146

Delta R.T. -0.003 min

Lab File: BG064175.D

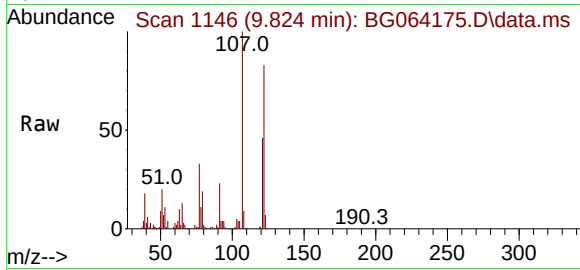
Acq: 3 Apr 2025 20:38

Instrument :

BNA\_G

ClientSampleId :

PB167451BS



Tgt Ion:122 Resp: 11386

Ion Ratio Lower Upper

122 100

107 120.5 95.4 143.0

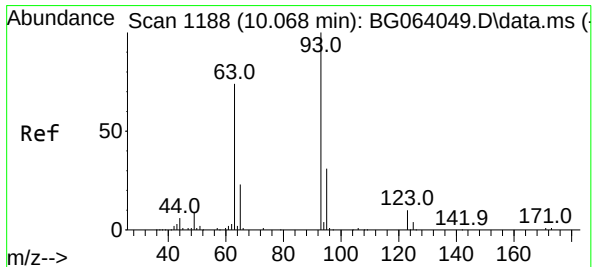
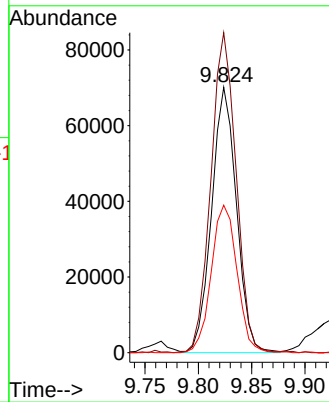
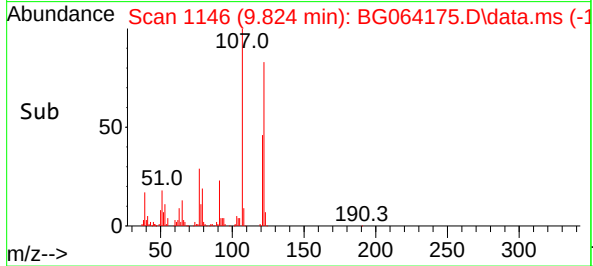
121 55.6 44.9 67.3

Manual Integrations

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Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#28

bis(2-Chloroethoxy)methane

Concen: 49.641 ng

RT: 10.059 min Scan# 1186

Delta R.T. -0.009 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

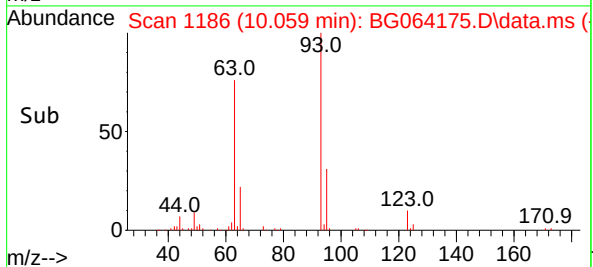
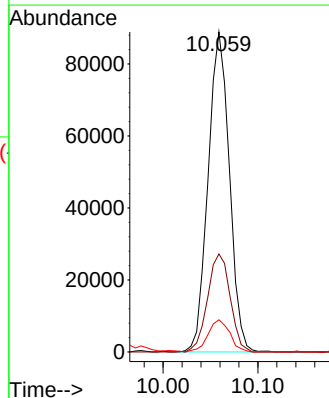
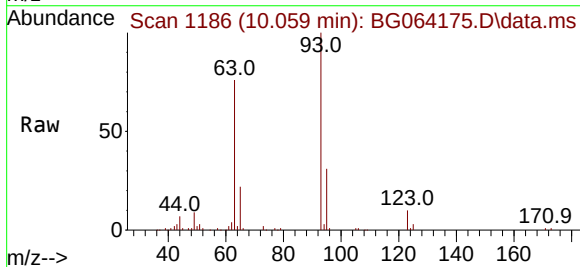
Tgt Ion: 93 Resp: 138485

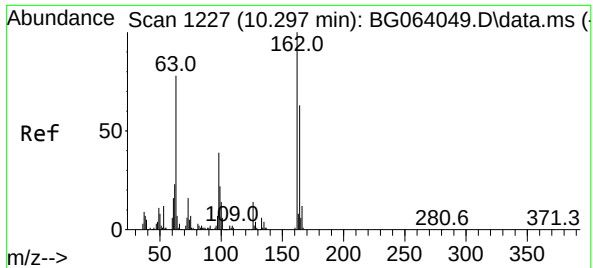
Ion Ratio Lower Upper

93 100

95 30.6 25.0 37.4

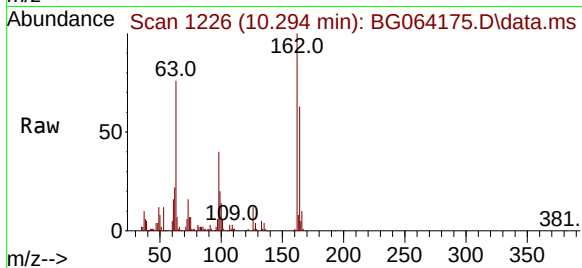
123 10.0 7.6 11.4





#29  
2,4-Dichlorophenol  
Concen: 60.386 ng  
RT: 10.294 min Scan# 1226  
Delta R.T. -0.003 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

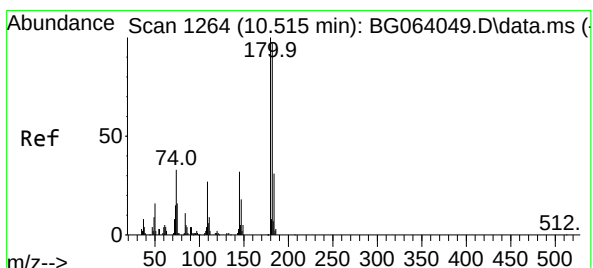
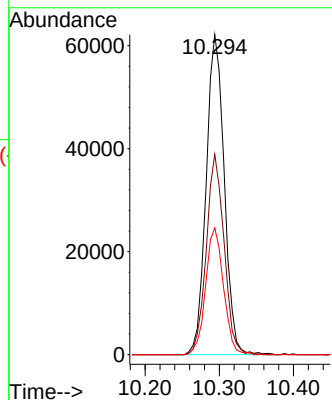
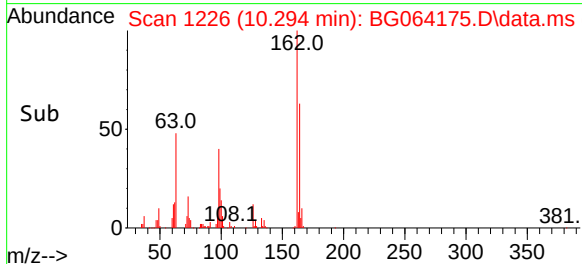
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BS



Tgt Ion:162 Resp: 10518  
Ion Ratio Lower Upper  
162 100  
164 62.6 42.8 82.8  
98 39.7 19.1 59.1

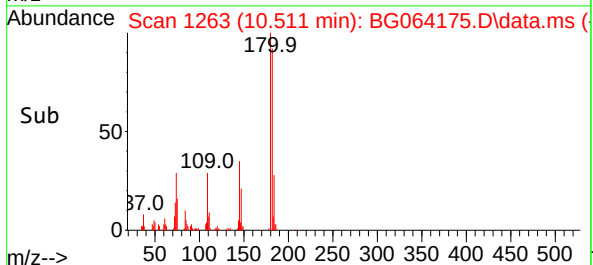
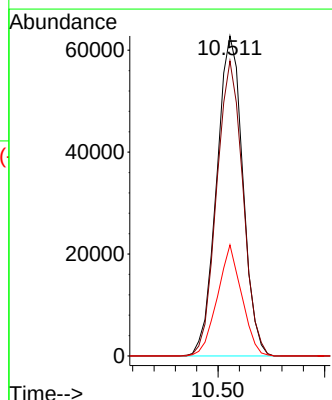
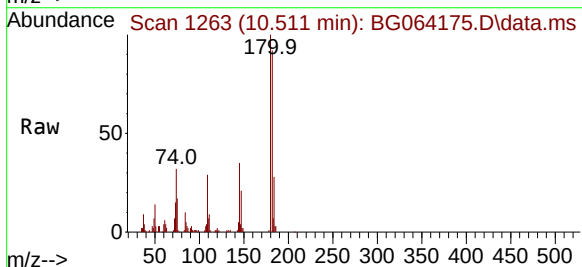
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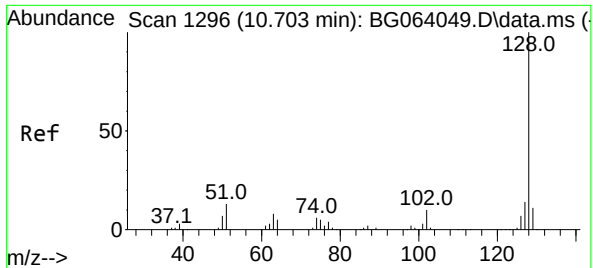
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#30  
1,2,4-Trichlorobenzene  
Concen: 50.900 ng  
RT: 10.511 min Scan# 1263  
Delta R.T. -0.003 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

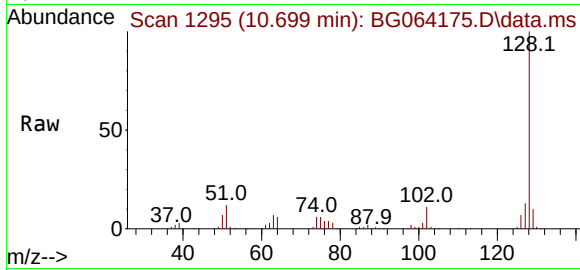
Tgt Ion:180 Resp: 107026  
Ion Ratio Lower Upper  
180 100  
182 92.2 77.3 115.9  
145 34.7 25.2 37.8





#31  
Naphthalene  
Concen: 48.686 ng  
RT: 10.699 min Scan# 1172  
Delta R.T. -0.003 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

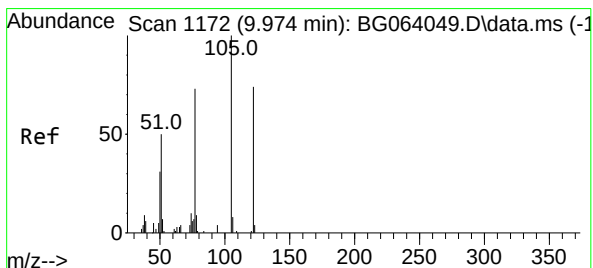
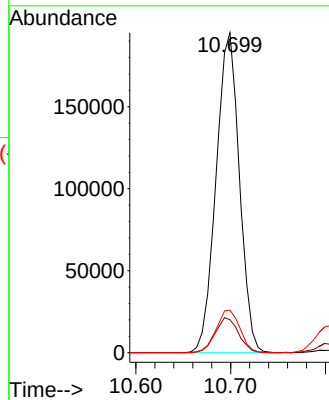
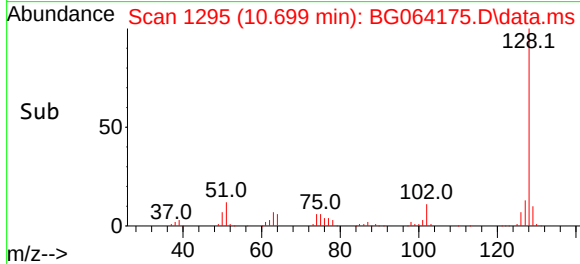
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BS



Tgt Ion:128 Resp: 333528  
Ion Ratio Lower Upper  
128 100  
129 10.3 8.4 12.6  
127 13.3 11.1 16.7

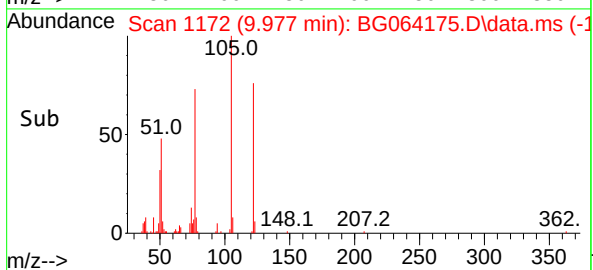
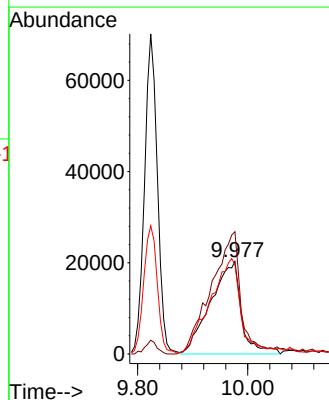
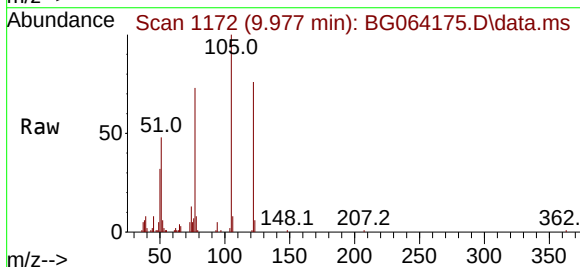
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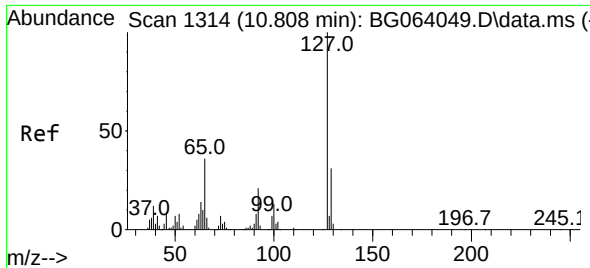
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#32  
Benzoic acid  
Concen: 59.641 ng  
RT: 9.977 min Scan# 1172  
Delta R.T. 0.003 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

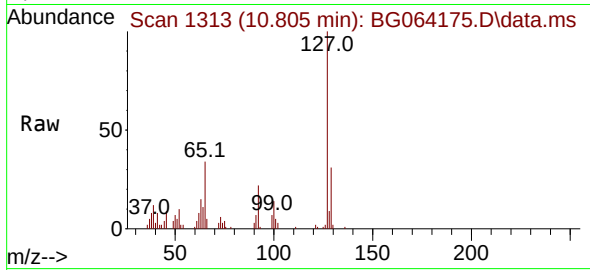
Tgt Ion:122 Resp: 78807  
Ion Ratio Lower Upper  
122 100  
105 132.2 115.0 155.0  
77 96.7 80.9 120.9





#33  
4-Chloroaniline  
Concen: 12.319 ng  
RT: 10.805 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

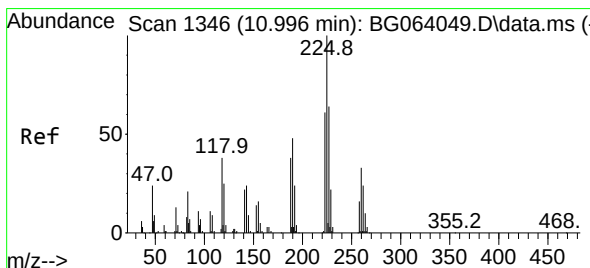
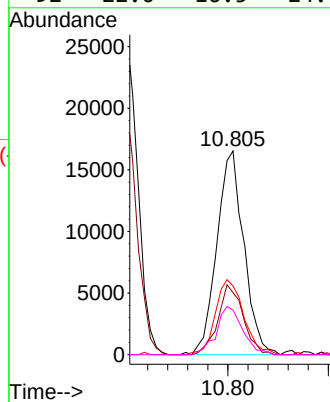
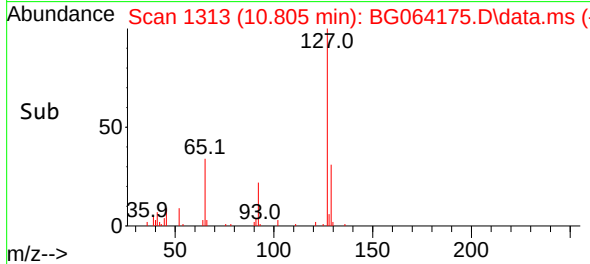
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BS



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 30.5  | 25.0  | 37.4  |
| 65      | 33.7  | 28.5  | 42.7  |
| 92      | 22.0  | 16.5  | 24.7  |

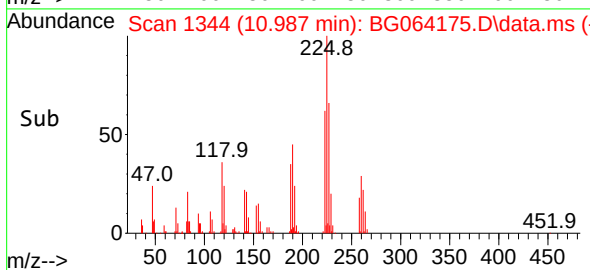
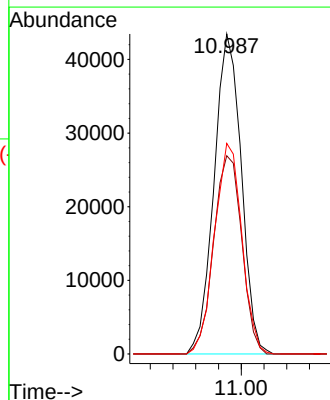
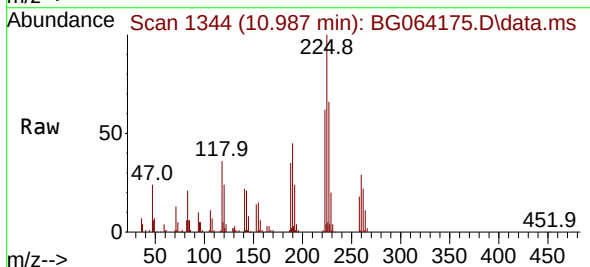
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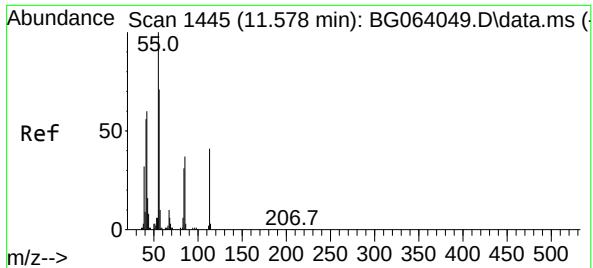
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#34  
Hexachlorobutadiene  
Concen: 52.355 ng  
RT: 10.987 min Scan# 1344  
Delta R.T. -0.009 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

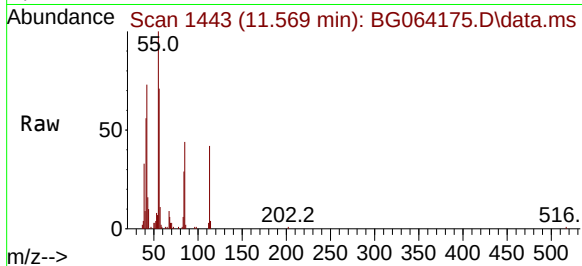
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.0  | 48.5  | 72.7  |
| 227     | 69.3  | 51.0  | 76.6  |





#35  
Caprolactam  
Concen: 57.596 ng m  
RT: 11.569 min Scan# 1445  
Delta R.T. -0.009 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

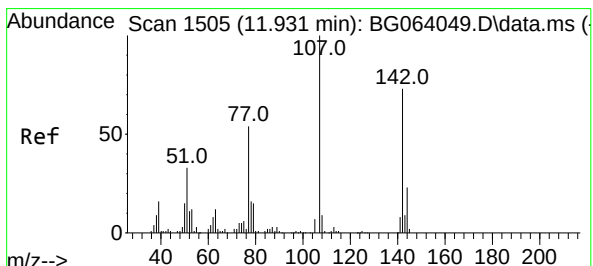
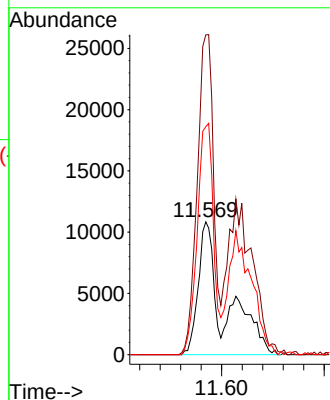
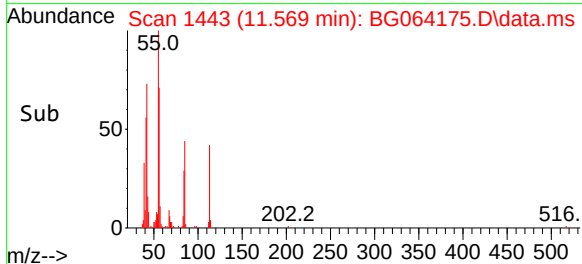
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BS



Tgt Ion:113 Resp: 3844  
Ion Ratio Lower Upper  
113 100  
55 240.9 225.2 265.2  
56 171.8 153.4 193.4

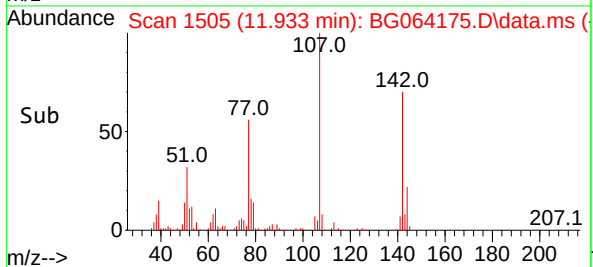
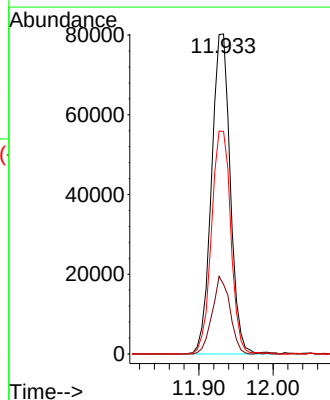
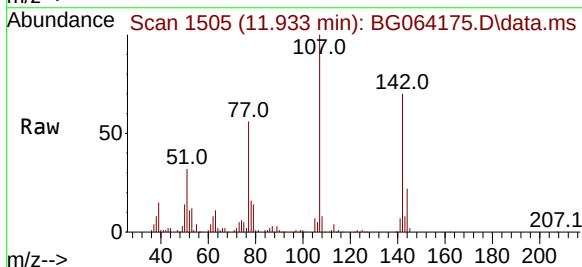
Manual Integrations  
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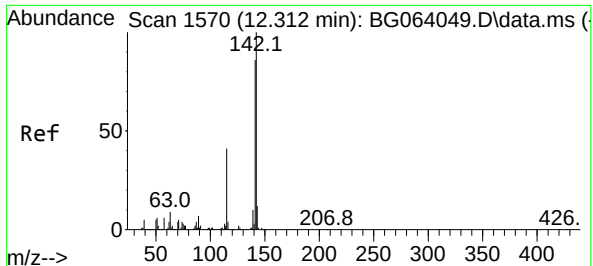
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#36  
4-Chloro-3-methylphenol  
Concen: 61.757 ng  
RT: 11.933 min Scan# 1505  
Delta R.T. 0.003 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

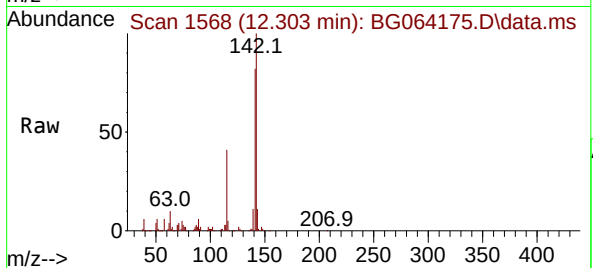
Tgt Ion:107 Resp: 141004  
Ion Ratio Lower Upper  
107 100  
144 21.7 18.6 28.0  
142 69.5 58.0 87.0





#37  
2-Methylnaphthalene  
Concen: 46.937 ng  
RT: 12.303 min Scan# 1568  
Delta R.T. -0.009 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

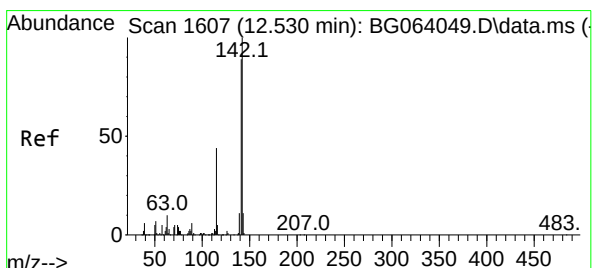
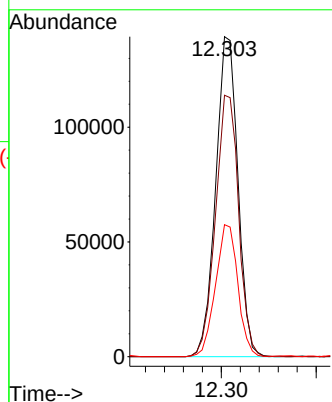
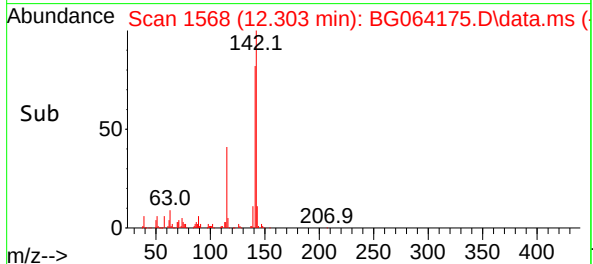
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BS



Tgt Ion:142 Resp: 226997  
Ion Ratio Lower Upper  
142 100  
141 81.7 68.6 103.0  
115 41.3 32.8 49.2

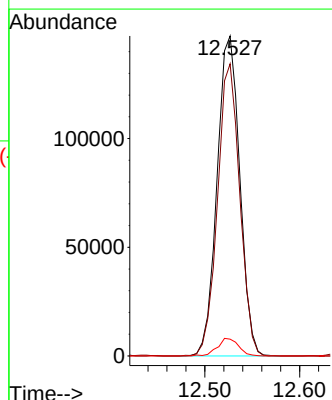
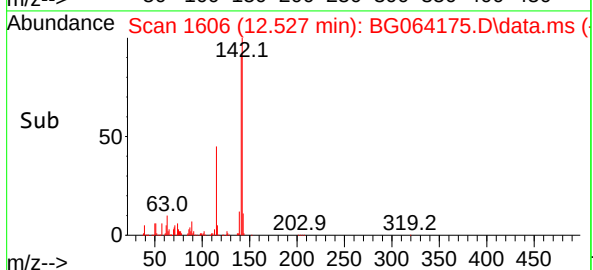
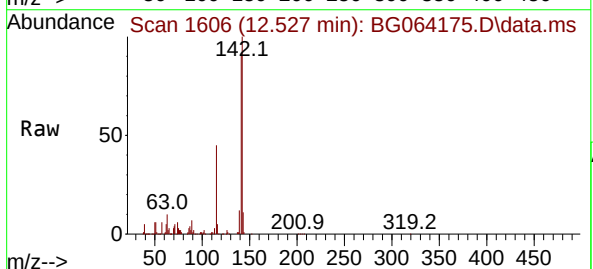
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Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025

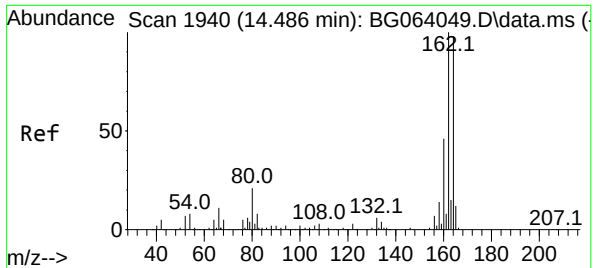


#38  
1-Methylnaphthalene  
Concen: 51.718 ng  
RT: 12.527 min Scan# 1606  
Delta R.T. -0.003 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

Tgt Ion:142 Resp: 245040  
Ion Ratio Lower Upper  
142 100  
141 91.3 71.2 106.8  
116 5.2 3.6 5.4







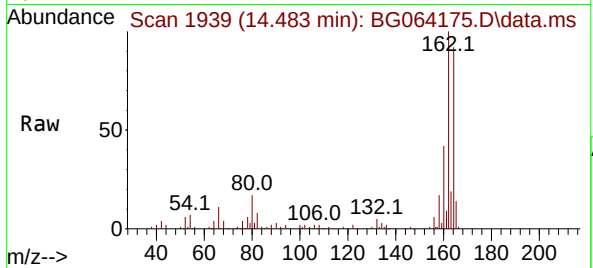
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.483 min Scan# 1940  
Delta R.T. -0.003 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

Instrument :

BNA\_G

ClientSampleId :

PB167451BS

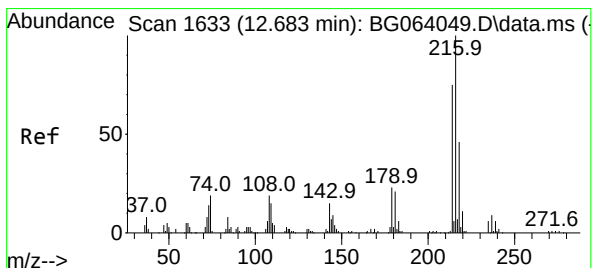
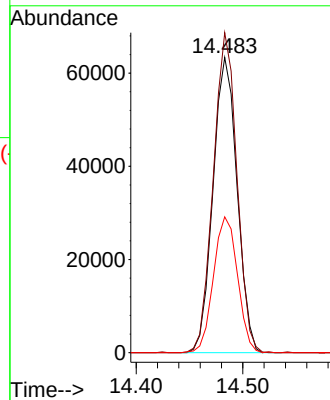
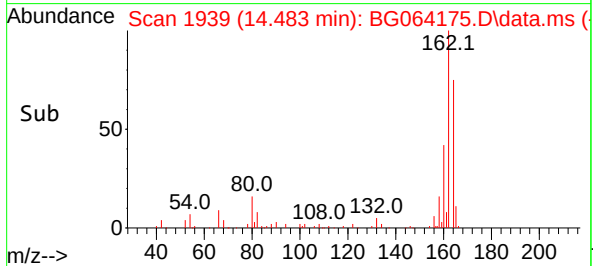


Tgt Ion:164 Resp: 9922  
Ion Ratio Lower Upper  
164 100  
162 108.4 81.4 122.0  
160 46.0 37.0 55.6

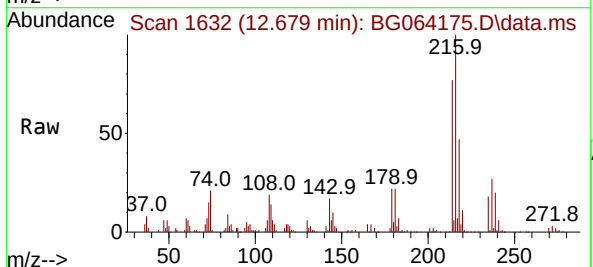
Manual Integrations

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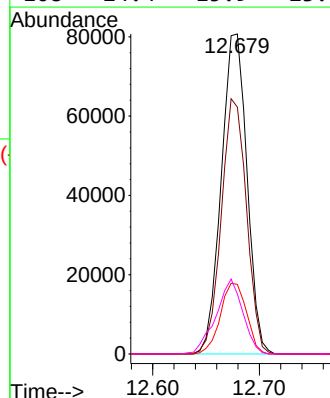
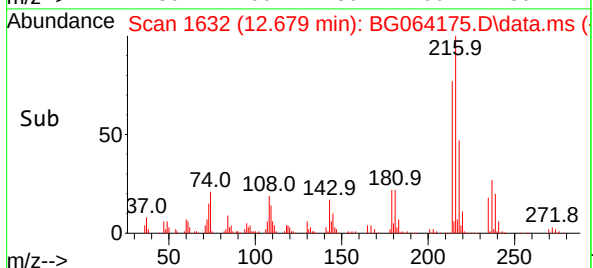
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025

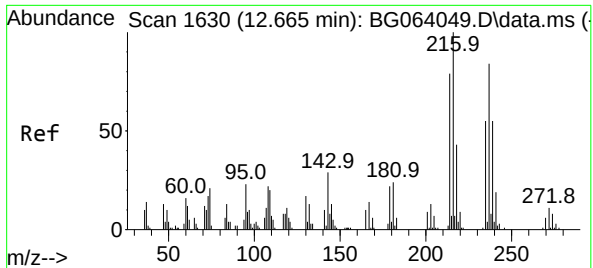


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 47.673 ng  
RT: 12.679 min Scan# 1632  
Delta R.T. -0.003 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38



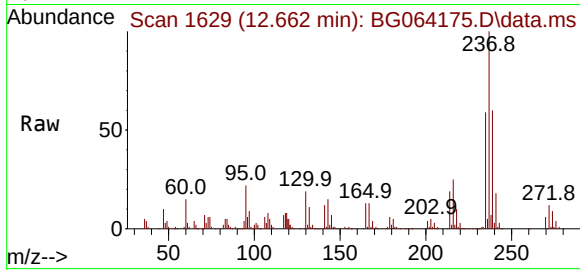
Tgt Ion:216 Resp: 135050  
Ion Ratio Lower Upper  
216 100  
214 78.2 61.7 92.5  
179 22.5 17.9 26.9  
108 24.4 15.9 23.9#





#41  
Hexachlorocyclopentadiene  
Concen: 252.069 ng  
RT: 12.662 min Scan# 1629  
Delta R.T. -0.003 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

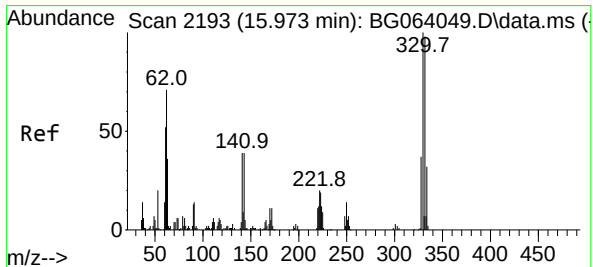
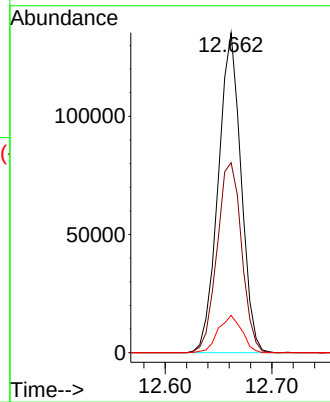
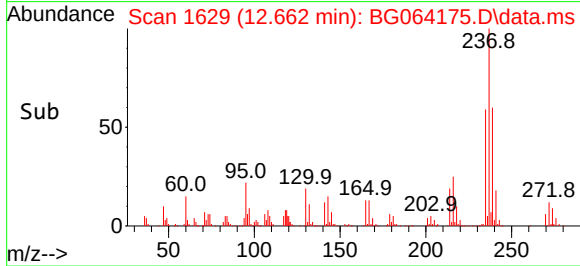
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BS



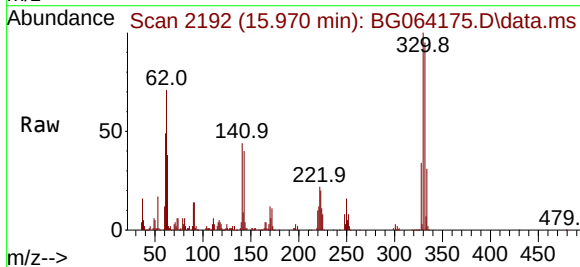
Tgt Ion:237 Resp: 200978  
Ion Ratio Lower Upper  
237 100  
235 59.3 46.0 86.0  
272 11.7 0.0 32.8

Manual Integrations  
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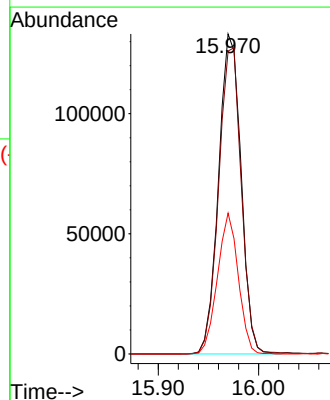
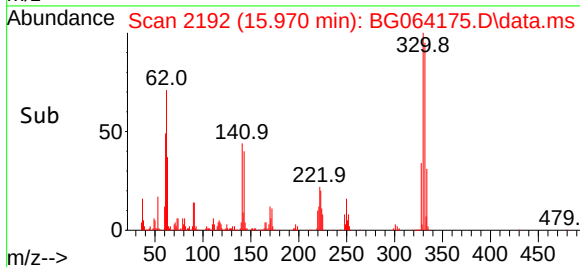
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025

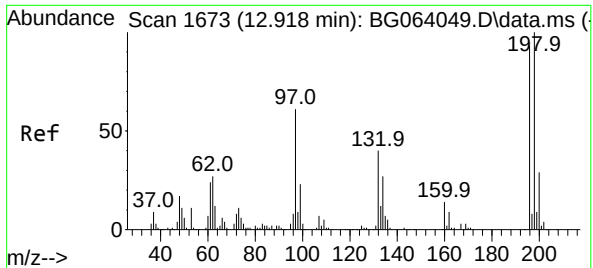


#42  
2,4,6-Tribromophenol  
Concen: 187.063 ng  
RT: 15.970 min Scan# 2192  
Delta R.T. -0.003 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38



Tgt Ion:330 Resp: 206326  
Ion Ratio Lower Upper  
330 100  
332 96.7 76.7 115.1  
141 40.9 29.7 44.5





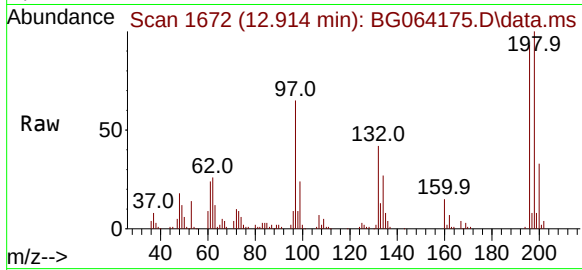
#43  
2,4,6-Trichlorophenol  
Concen: 57.356 ng  
RT: 12.914 min Scan# 1672  
Delta R.T. -0.003 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

Instrument :

BNA\_G

ClientSampleId :

PB167451BS

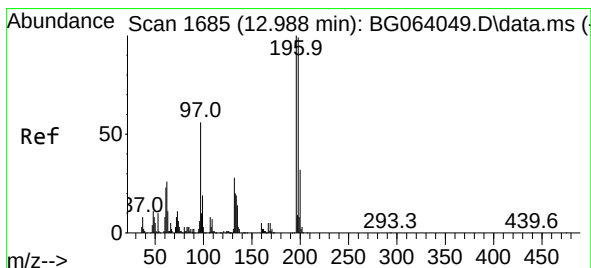
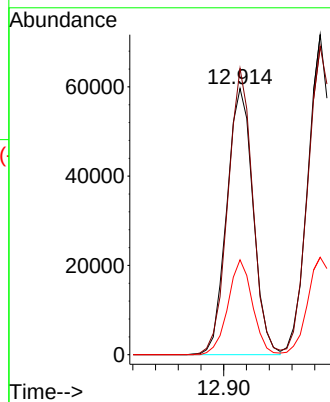
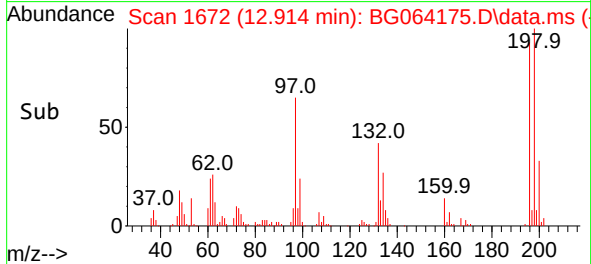


Tgt Ion:196 Resp: 9576  
Ion Ratio Lower Upper  
196 100  
198 107.5 85.6 128.4  
200 35.7 24.6 37.0

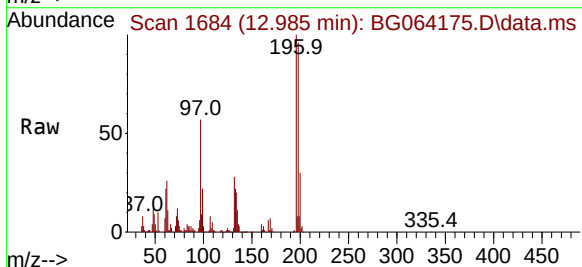
Manual Integrations

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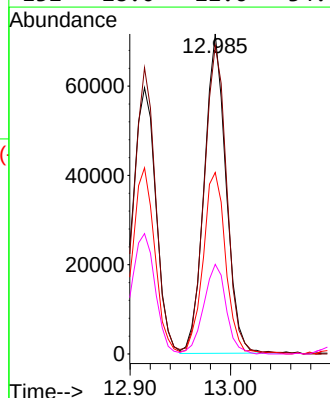
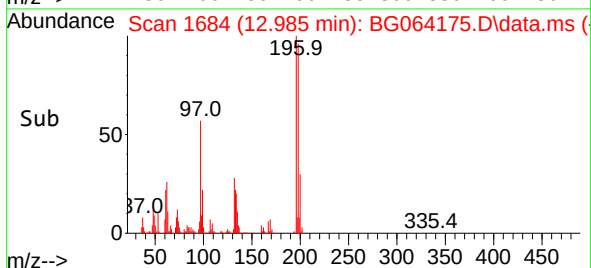
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025

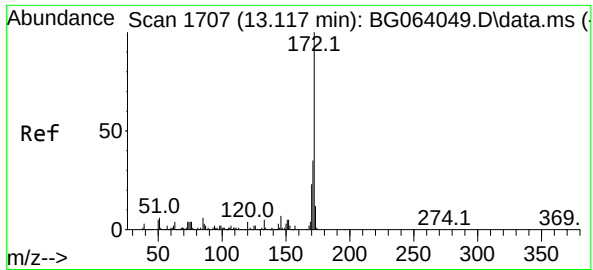


#44  
2,4,5-Trichlorophenol  
Concen: 58.352 ng  
RT: 12.985 min Scan# 1684  
Delta R.T. -0.003 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38



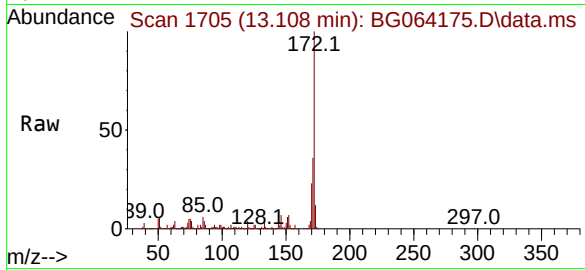
Tgt Ion:196 Resp: 108252  
Ion Ratio Lower Upper  
196 100  
198 96.3 79.5 119.3  
97 56.7 45.2 67.8  
132 28.0 22.6 34.0





#45  
2-Fluorobiphenyl  
Concen: 95.716 ng  
RT: 13.108 min Scan# 1705  
Delta R.T. -0.009 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

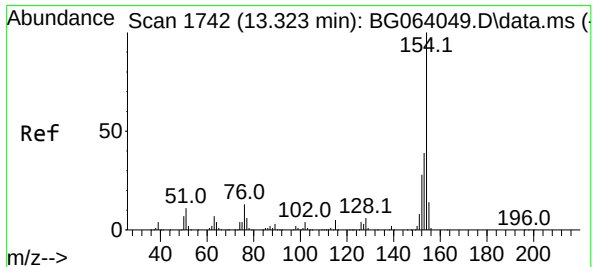
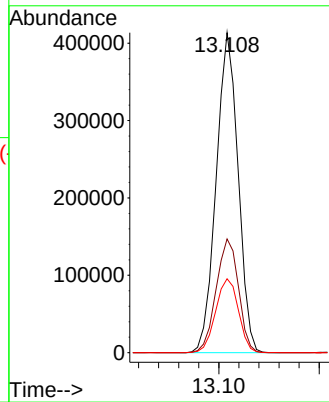
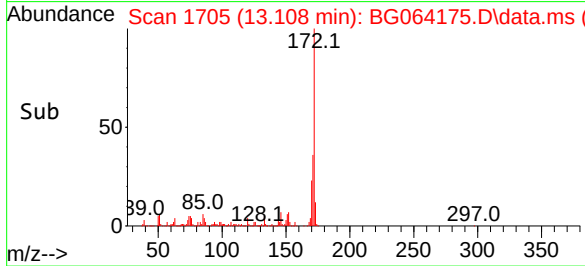
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BS



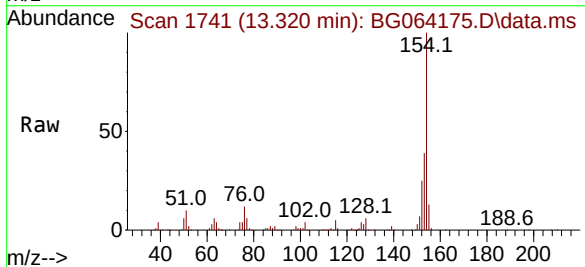
Tgt Ion:172 Resp: 625714  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.0 42.0  
170 23.1 18.7 28.1

Manual Integrations  
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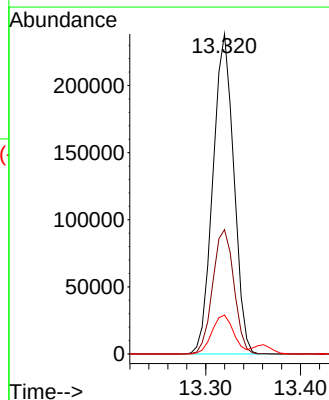
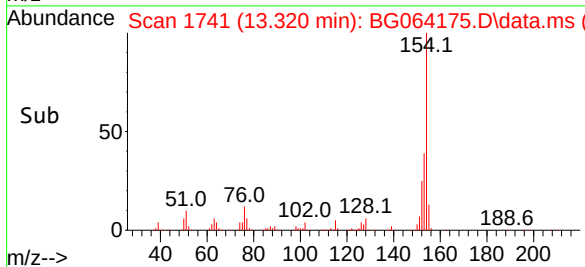
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025

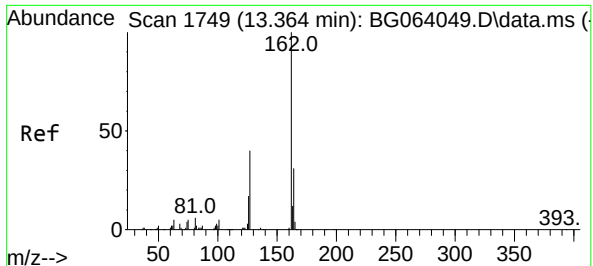


#46  
1,1'-Biphenyl  
Concen: 48.625 ng  
RT: 13.320 min Scan# 1741  
Delta R.T. -0.003 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38



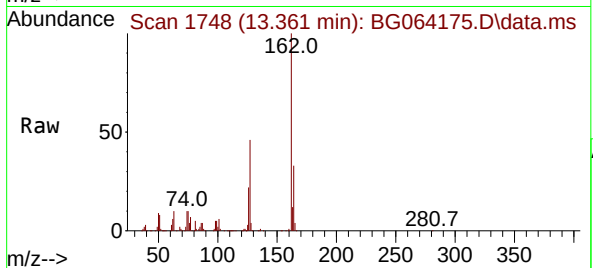
Tgt Ion:154 Resp: 364524  
Ion Ratio Lower Upper  
154 100  
153 38.9 19.5 59.5  
76 12.2 0.0 33.5





#47  
2-Chloronaphthalene  
Concen: 48.745 ng  
RT: 13.361 min Scan# 1748  
Delta R.T. -0.003 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

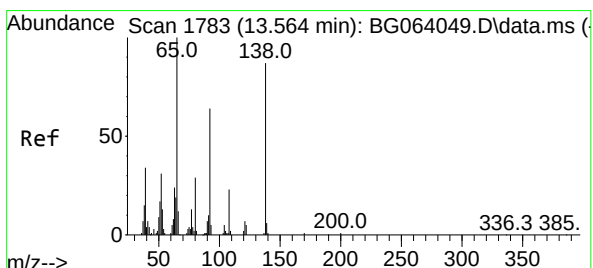
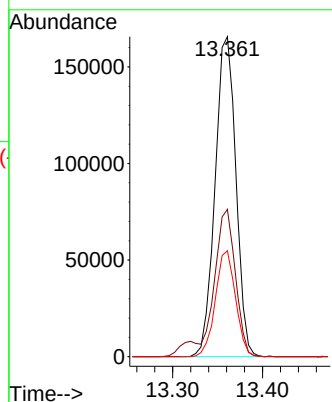
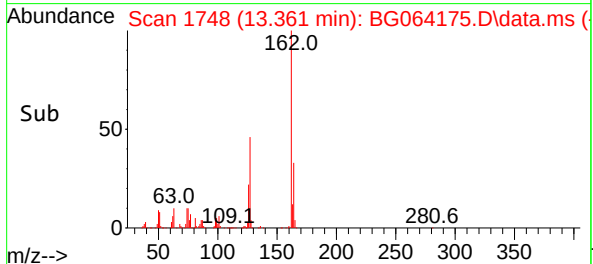
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BS



Tgt Ion:162 Resp: 266510  
Ion Ratio Lower Upper  
162 100  
127 46.0 35.0 52.4  
164 33.1 25.0 37.6

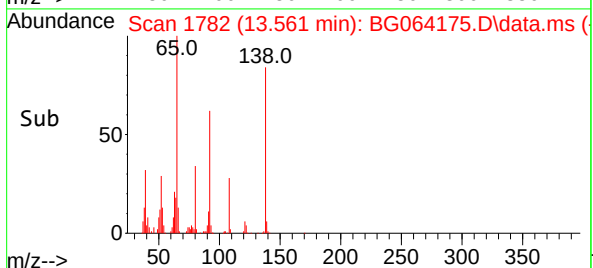
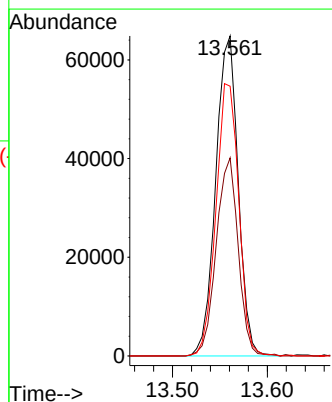
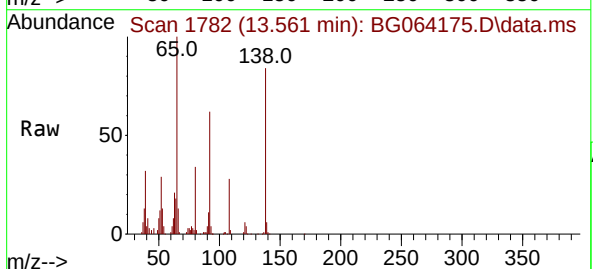
Manual Integrations  
APPROVED

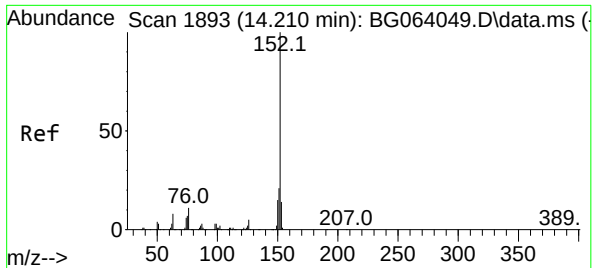
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#48  
2-Nitroaniline  
Concen: 56.697 ng  
RT: 13.561 min Scan# 1782  
Delta R.T. -0.003 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

Tgt Ion: 65 Resp: 106702  
Ion Ratio Lower Upper  
65 100  
92 61.9 51.2 76.8  
138 84.3 69.4 104.2





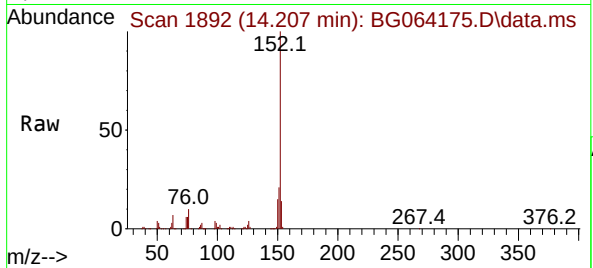
#49  
Acenaphthylene  
Concen: 53.637 ng  
RT: 14.207 min Scan# 1892  
Delta R.T. -0.003 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

Instrument :

BNA\_G

ClientSampleId :

PB167451BS

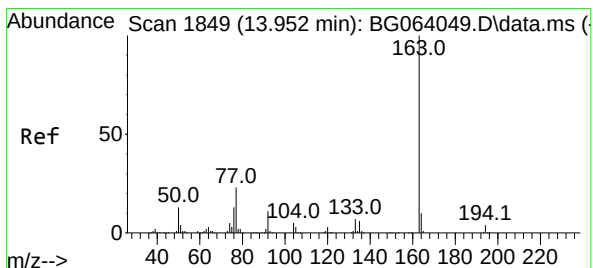
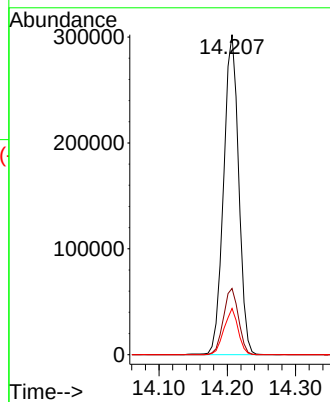
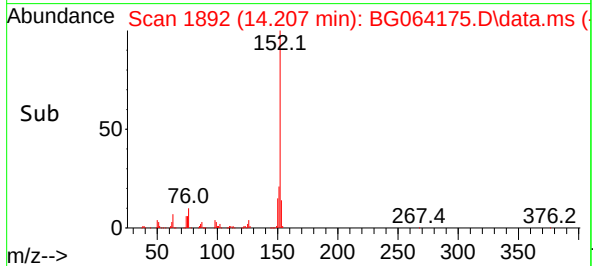


Tgt Ion:152 Resp: 463864  
Ion Ratio Lower Upper  
152 100  
151 20.7 16.4 24.6  
153 14.4 10.9 16.3

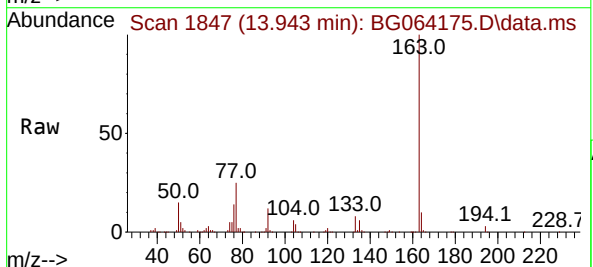
Manual Integrations

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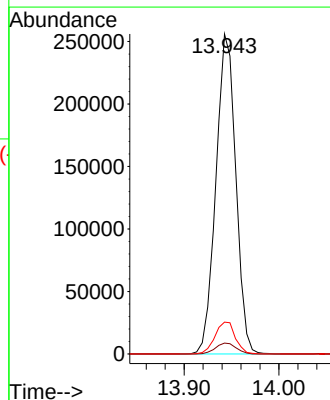
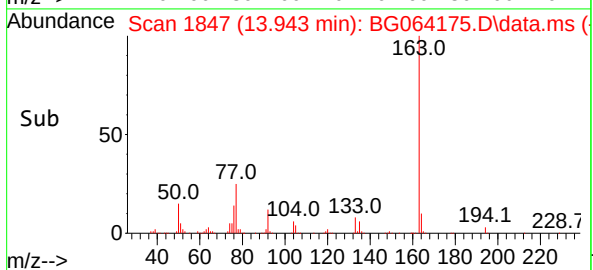
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025

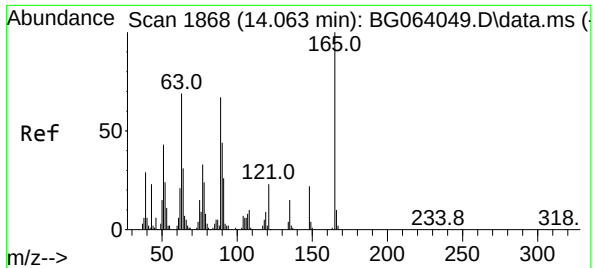


#50  
Dimethylphthalate  
Concen: 51.027 ng  
RT: 13.943 min Scan# 1847  
Delta R.T. -0.009 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38



Tgt Ion:163 Resp: 373757  
Ion Ratio Lower Upper  
163 100  
194 3.4 2.8 4.2  
164 9.9 8.2 12.2





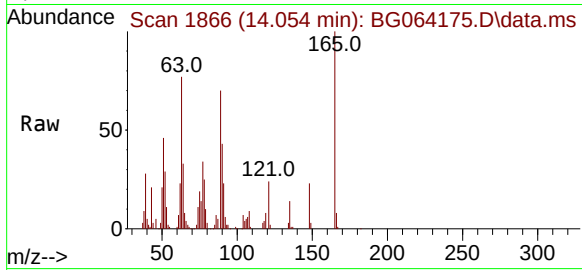
#51  
2,6-Dinitrotoluene  
Concen: 55.081 ng  
RT: 14.054 min Scan# 1866  
Delta R.T. -0.009 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

Instrument :

BNA\_G

ClientSampleId :

PB167451BS

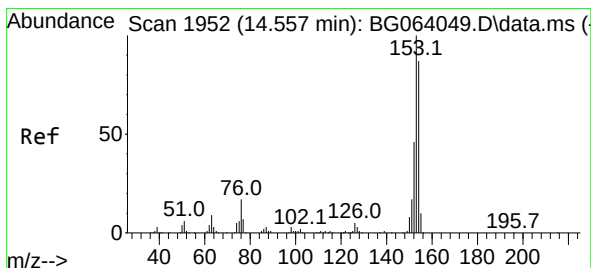
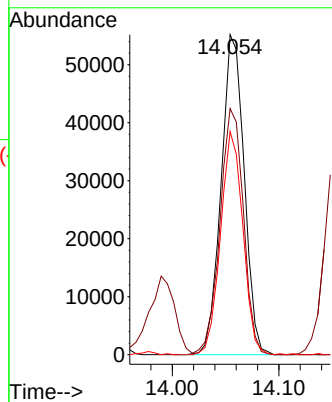
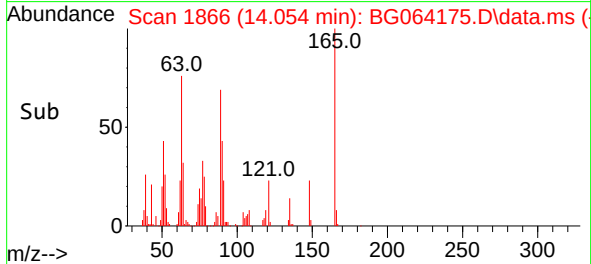


Tgt Ion:165 Resp: 8264  
Ion Ratio Lower Upper  
165 100  
63 76.9 56.7 85.1  
89 69.7 53.7 80.5

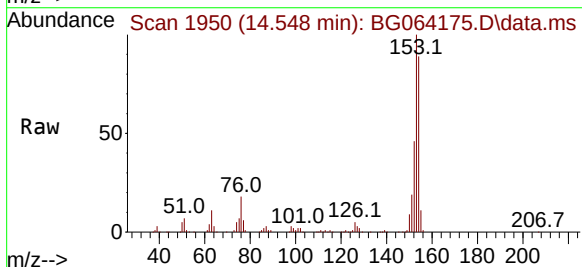
Manual Integrations

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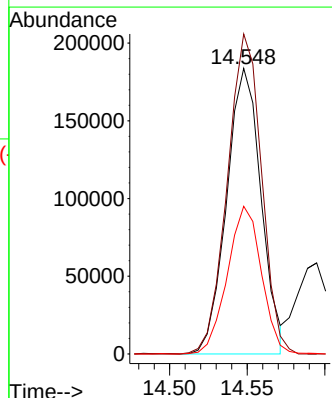
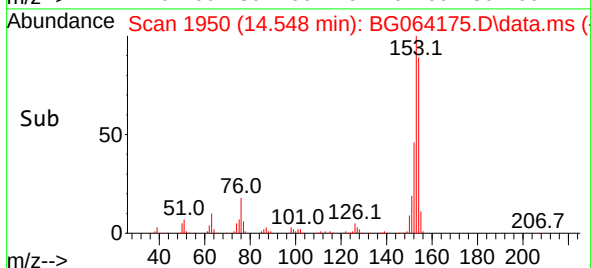
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025

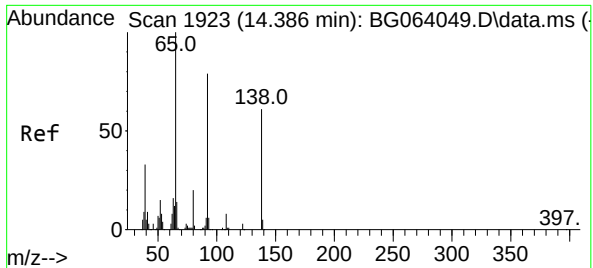


#52  
Acenaphthene  
Concen: 48.819 ng  
RT: 14.548 min Scan# 1950  
Delta R.T. -0.009 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38



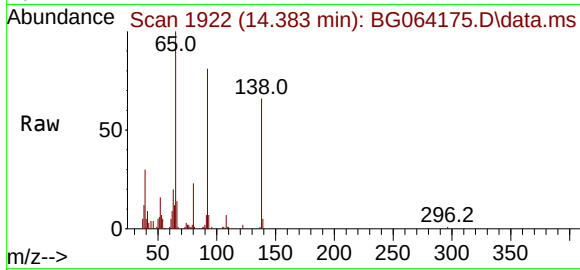
Tgt Ion:154 Resp: 283336  
Ion Ratio Lower Upper  
154 100  
153 112.1 91.6 137.4  
152 51.7 42.5 63.7





#53  
3-Nitroaniline  
Concen: 21.879 ng  
RT: 14.383 min Scan# 1922  
Delta R.T. -0.003 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

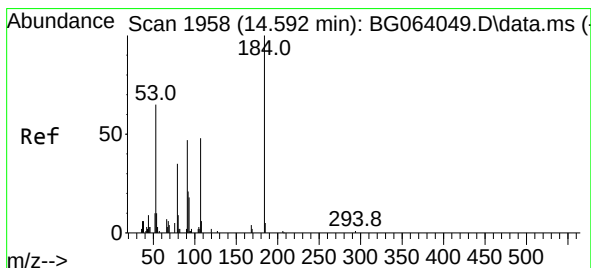
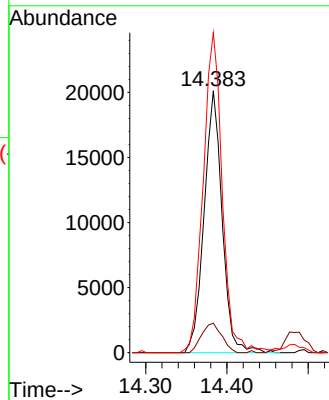
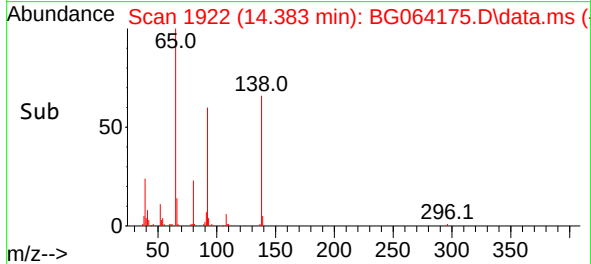
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BS



Tgt Ion:138 Resp: 3097  
Ion Ratio Lower Upper  
138 100  
108 11.2 10.1 15.1  
92 122.2 104.1 156.1

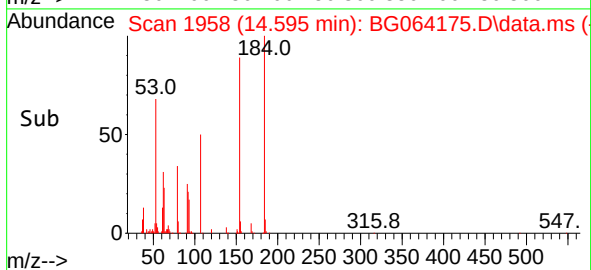
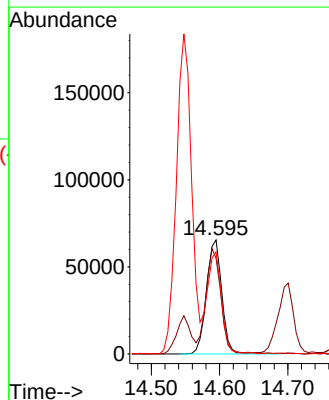
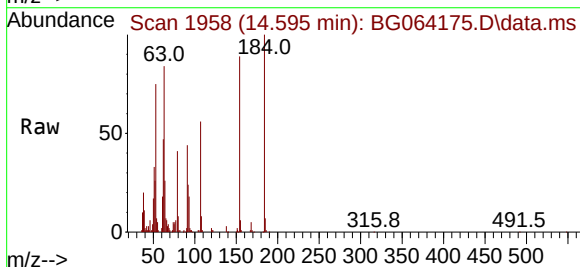
Manual Integrations  
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Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025

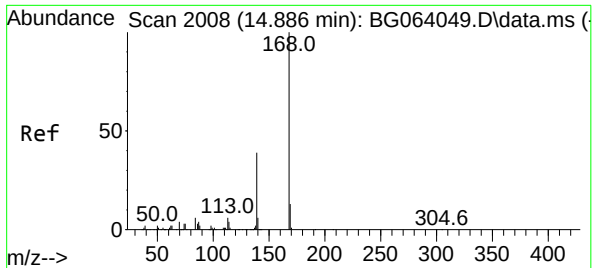


#54  
2,4-Dinitrophenol  
Concen: 157.964 ng  
RT: 14.595 min Scan# 1958  
Delta R.T. 0.003 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

Tgt Ion:184 Resp: 103147  
Ion Ratio Lower Upper  
184 100  
63 83.8 57.5 86.3  
154 89.5 52.3 78.5#

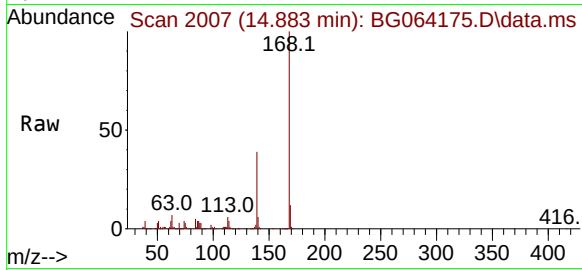






#55  
Dibenzenofuran  
Concen: 48.739 ng  
RT: 14.883 min Scan# 2008  
Delta R.T. -0.003 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

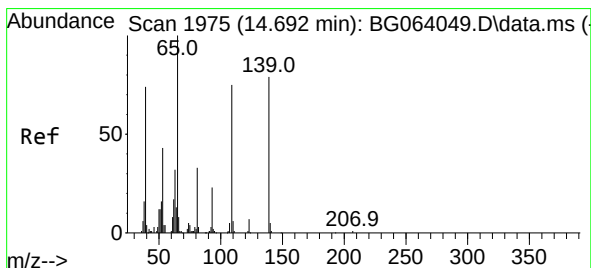
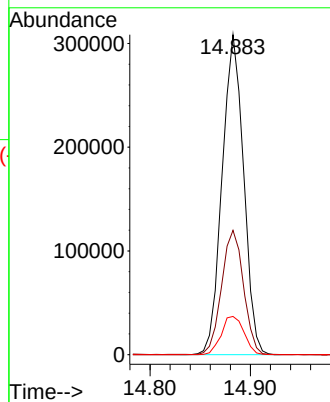
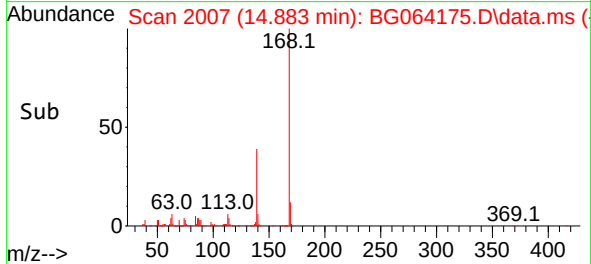
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BS



Tgt Ion:168 Resp: 45825  
Ion Ratio Lower Upper  
168 100  
139 38.8 31.1 46.7  
169 12.0 10.5 15.7

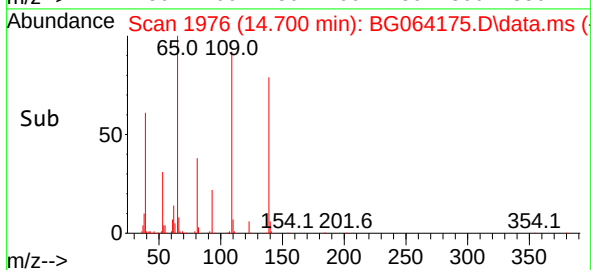
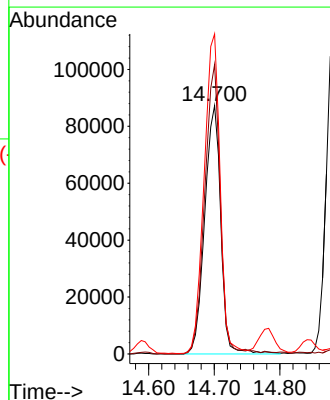
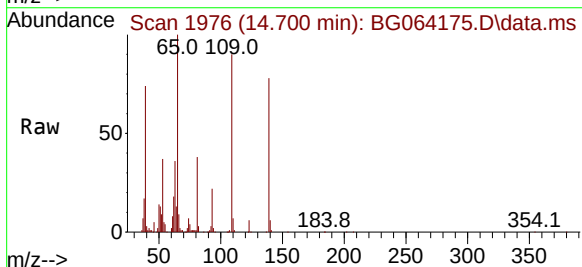
Manual Integrations  
APPROVED

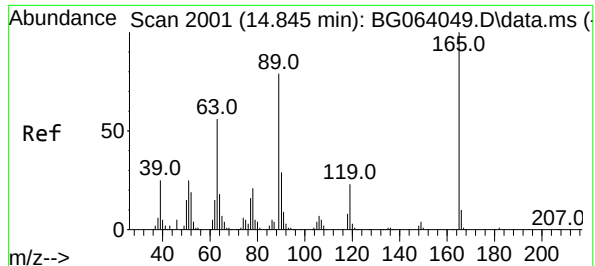
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#56  
4-Nitrophenol  
Concen: 125.363 ng  
RT: 14.700 min Scan# 1976  
Delta R.T. 0.008 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

Tgt Ion:139 Resp: 148840  
Ion Ratio Lower Upper  
139 100  
109 116.6 74.9 114.9#  
65 128.9 106.8 146.8





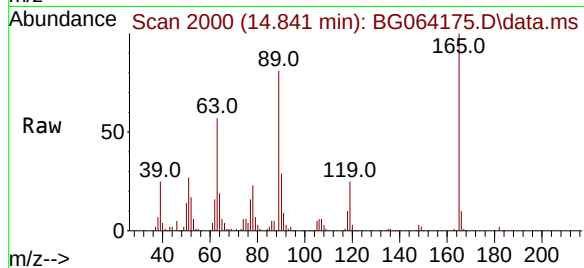
#57  
2,4-Dinitrotoluene  
Concen: 59.593 ng  
RT: 14.841 min Scan# 2001  
Delta R.T. -0.004 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

Instrument :

BNA\_G

ClientSampleId :

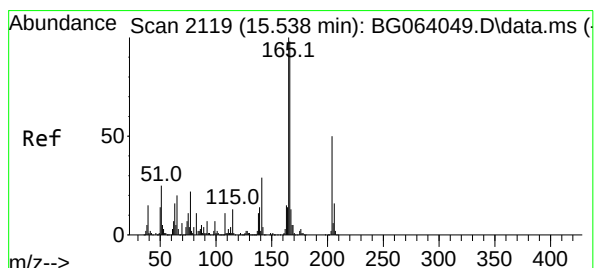
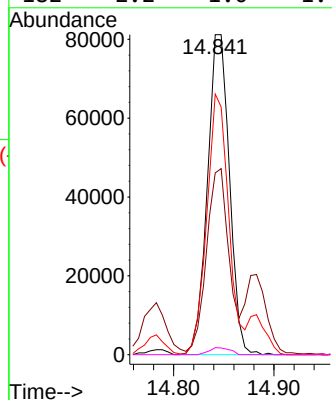
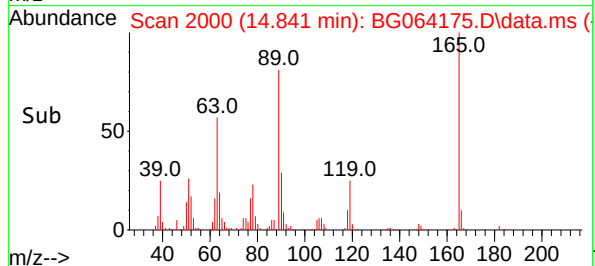
PB167451BS



Tgt Ion:165 Resp: 12414  
Ion Ratio Lower Upper  
165 100  
63 56.8 45.0 67.6  
89 81.4 63.1 94.7  
182 2.2 1.0 1.4#

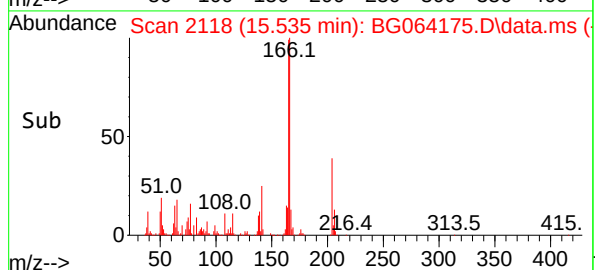
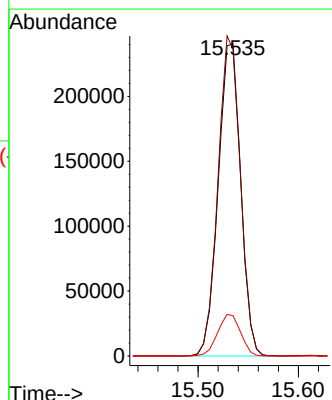
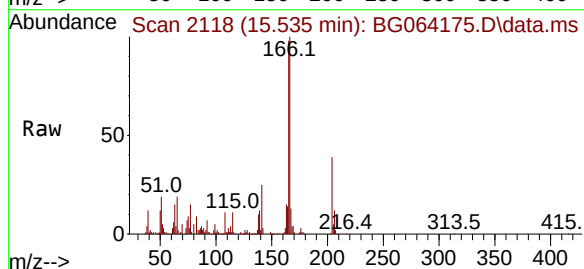
Manual Integrations  
APPROVED

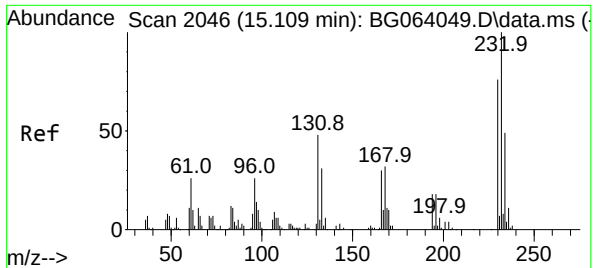
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#58  
Fluorene  
Concen: 51.063 ng  
RT: 15.535 min Scan# 2118  
Delta R.T. -0.003 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

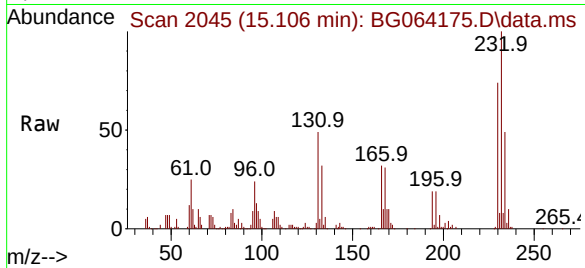
Tgt Ion:166 Resp: 373934  
Ion Ratio Lower Upper  
166 100  
165 98.2 81.8 122.8  
167 12.9 10.8 16.2





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 60.184 ng  
RT: 15.106 min Scan# 2046  
Delta R.T. -0.003 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

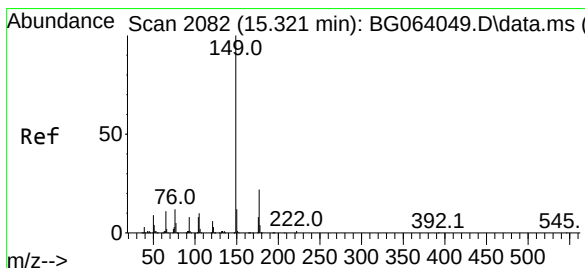
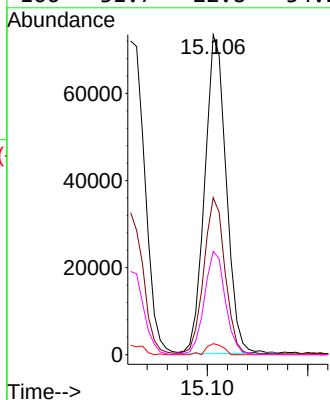
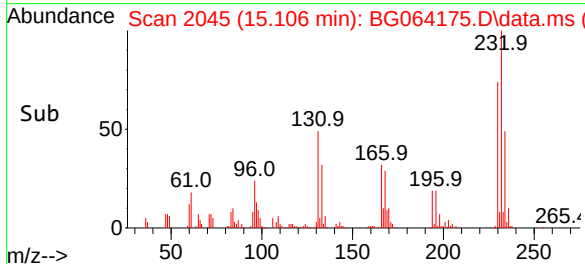
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BS



Tgt Ion:232 Resp: 10884  
Ion Ratio Lower Upper  
232 100  
131 48.6 36.3 54.5  
130 2.7 1.9 2.9  
166 31.7 22.8 34.2

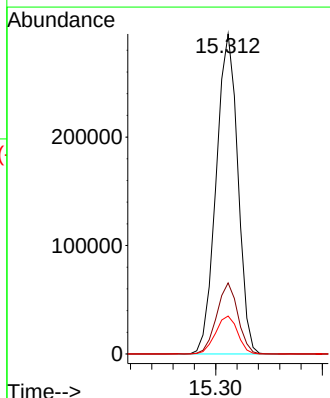
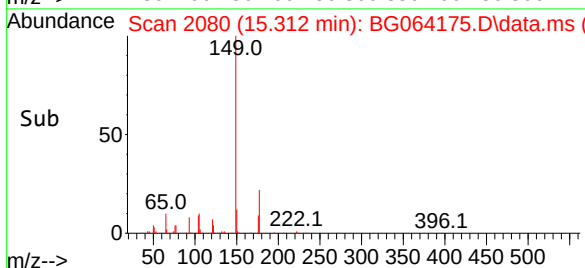
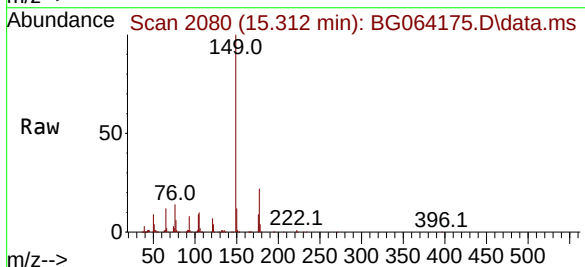
Manual Integrations  
APPROVED

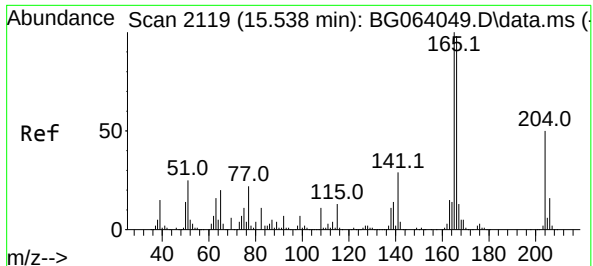
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#60  
Diethylphthalate  
Concen: 52.228 ng  
RT: 15.312 min Scan# 2080  
Delta R.T. -0.009 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

Tgt Ion:149 Resp: 415297  
Ion Ratio Lower Upper  
149 100  
177 22.2 17.4 26.2  
150 11.8 9.4 14.2





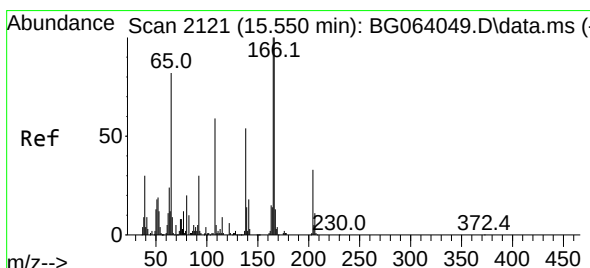
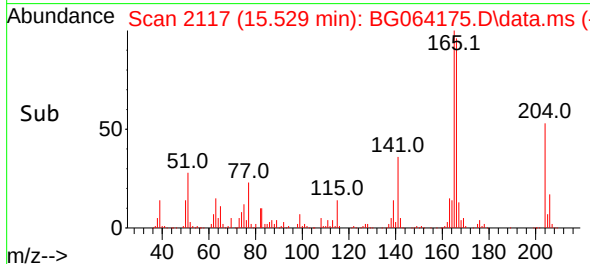
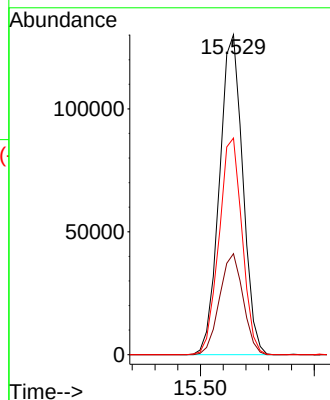
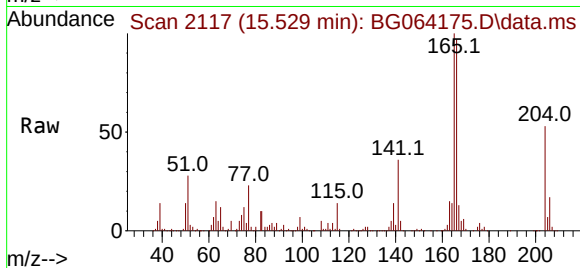
#61  
4-Chlorophenyl-phenylether  
Concen: 50.920 ng  
RT: 15.529 min Scan# 2119  
Delta R.T. -0.009 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BS

Tgt Ion:204 Resp: 18530  
Ion Ratio Lower Upper  
204 100  
206 31.6 25.5 38.3  
141 67.7 45.4 68.0

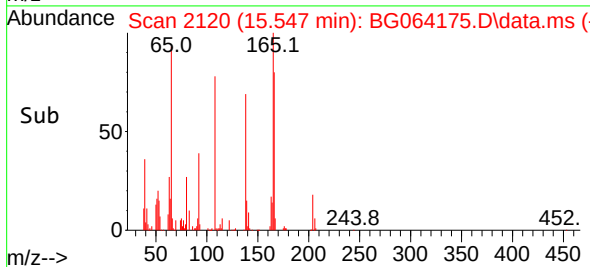
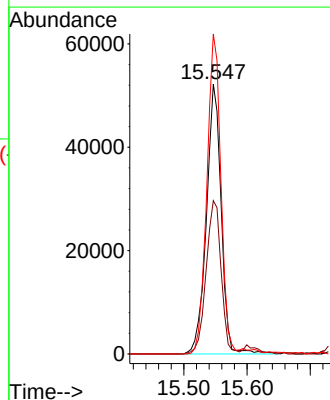
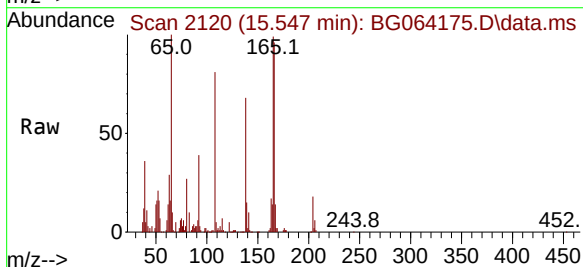
Manual Integrations  
APPROVED

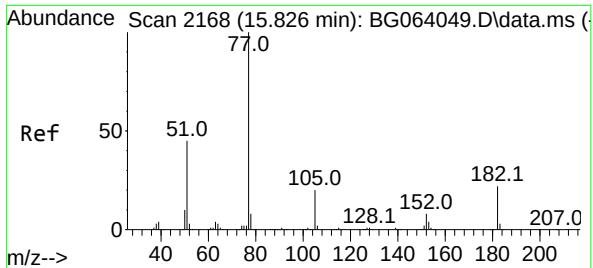
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#62  
4-Nitroaniline  
Concen: 55.690 ng  
RT: 15.547 min Scan# 2120  
Delta R.T. -0.003 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

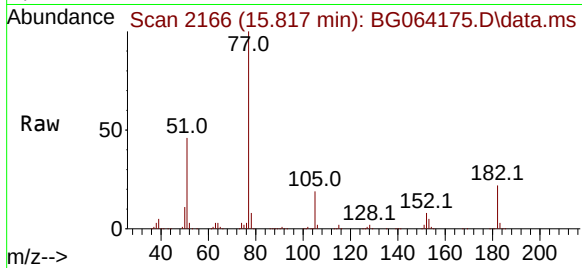
Tgt Ion:138 Resp: 85117  
Ion Ratio Lower Upper  
138 100  
92 56.8 36.1 76.1  
108 118.5 87.9 127.9





#63  
Azobenzene  
Concen: 48.392 ng  
RT: 15.817 min Scan# 2166  
Delta R.T. -0.009 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

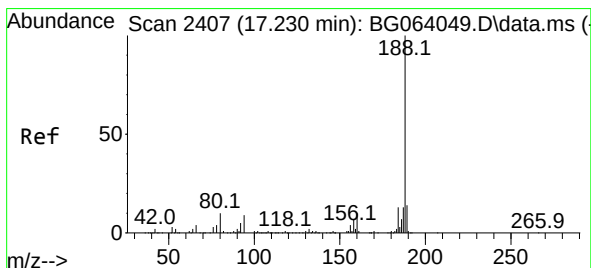
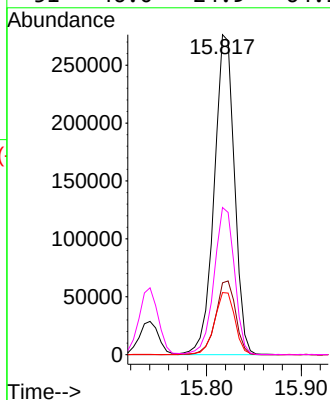
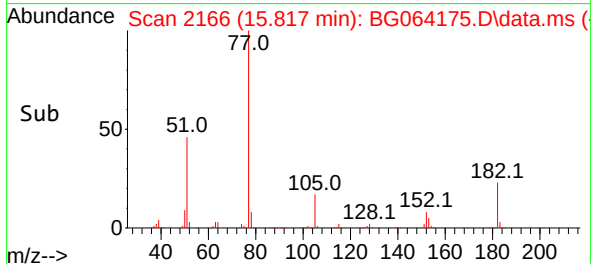
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BS



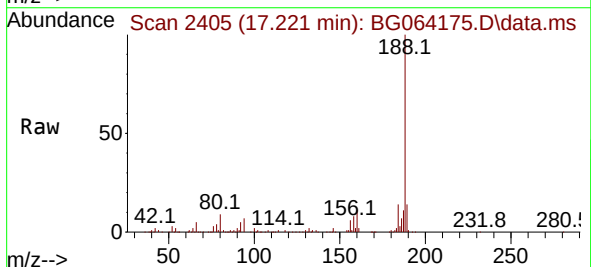
Tgt Ion: 77 Resp: 41061  
Ion Ratio Lower Upper  
77 100  
182 22.4 2.4 42.4  
105 19.4 0.0 40.0  
51 46.0 24.9 64.9

Manual Integrations  
APPROVED

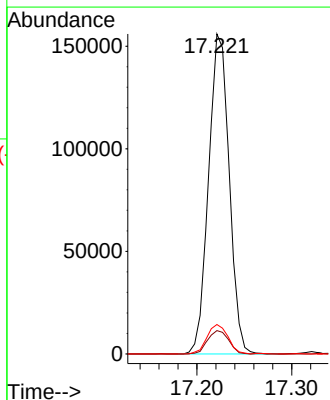
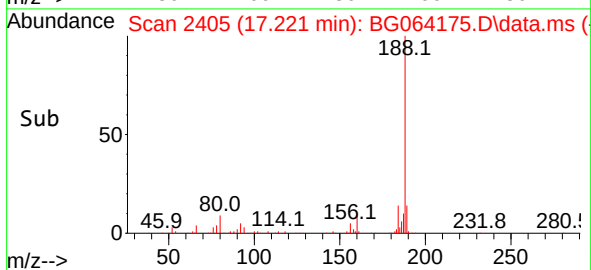
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025

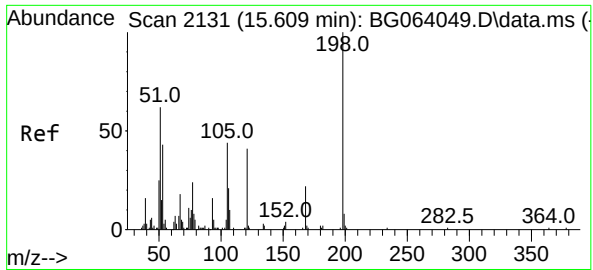


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.221 min Scan# 2405  
Delta R.T. -0.009 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38



Tgt Ion:188 Resp: 235595  
Ion Ratio Lower Upper  
188 100  
94 7.3 6.9 10.3  
80 9.2 8.1 12.1





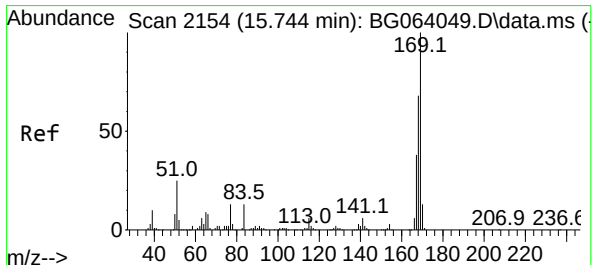
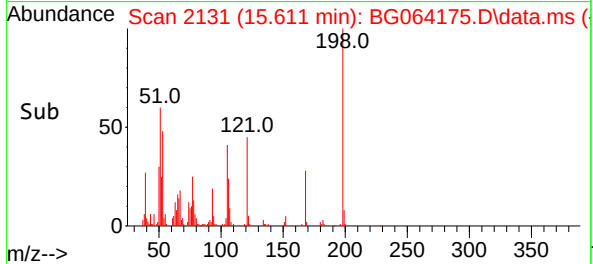
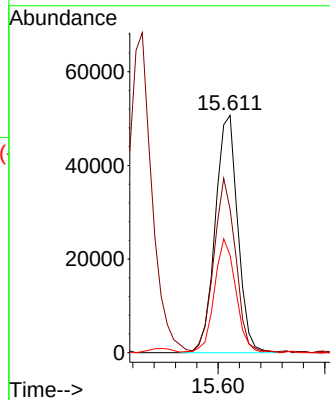
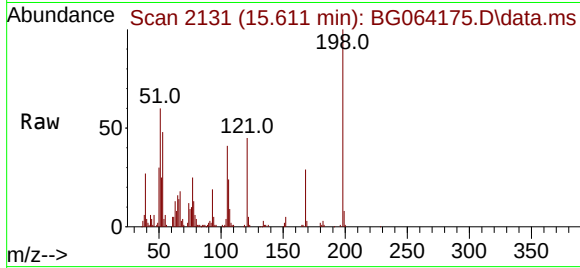
#65  
4,6-Dinitro-2-methylphenol  
Concen: 68.512 ng  
RT: 15.611 min Scan# 2131  
Delta R.T. 0.002 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BS

Tgt Ion:198 Resp: 74018  
Ion Ratio Lower Upper  
198 100  
51 60.2 45.6 85.6  
105 40.9 25.3 65.3

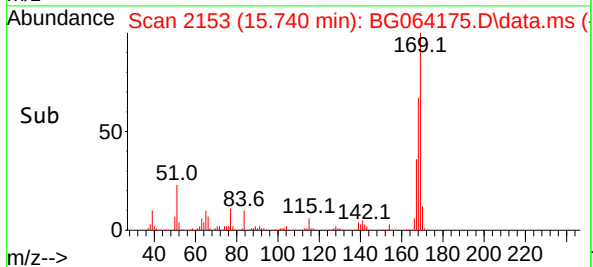
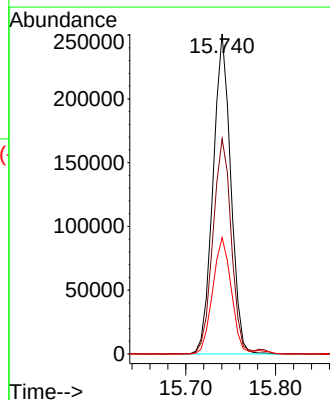
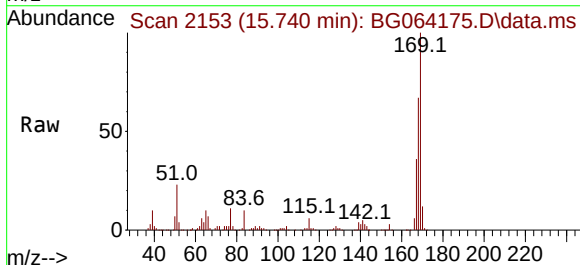
Manual Integrations  
APPROVED

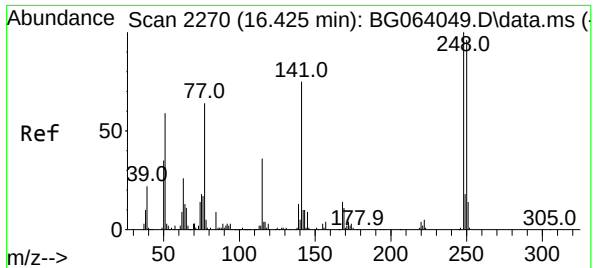
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#66  
n-Nitrosodiphenylamine  
Concen: 51.549 ng  
RT: 15.740 min Scan# 2153  
Delta R.T. -0.003 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

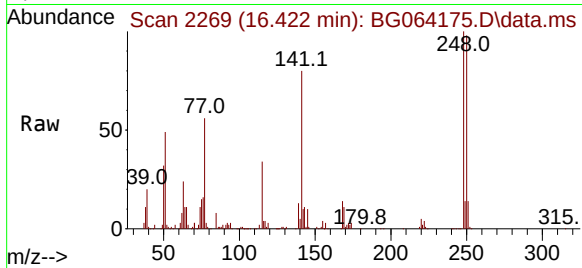
Tgt Ion:169 Resp: 343772  
Ion Ratio Lower Upper  
169 100  
168 67.2 54.1 81.1  
167 36.4 30.3 45.5





#67  
4-Bromophenyl-phenylether  
Concen: 52.253 ng  
RT: 16.422 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

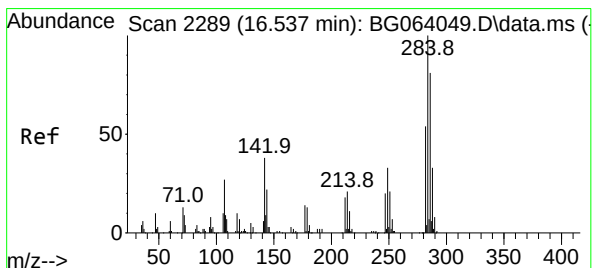
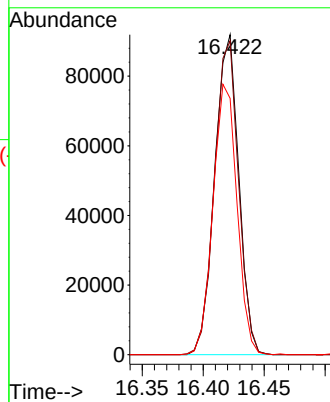
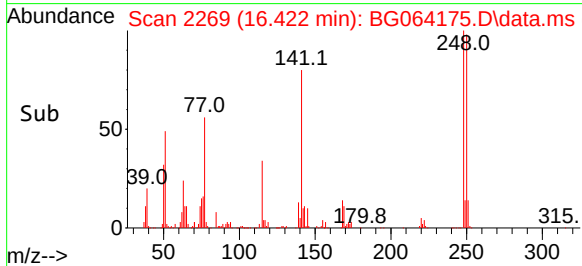
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BS



Tgt Ion:248 Resp: 12608  
Ion Ratio Lower Upper  
248 100  
250 98.1 77.1 115.7  
141 80.1 59.8 89.8

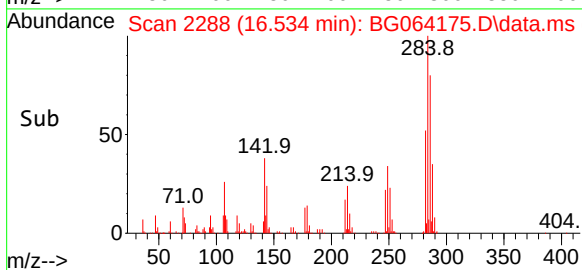
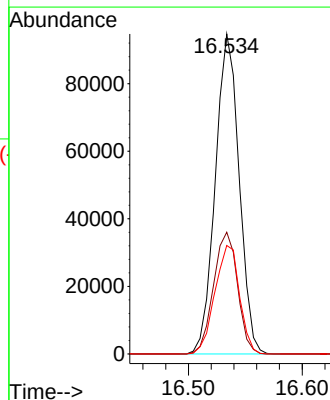
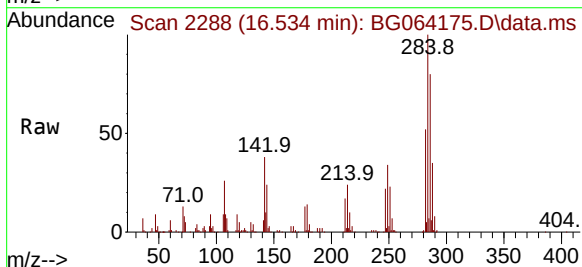
Manual Integrations  
APPROVED

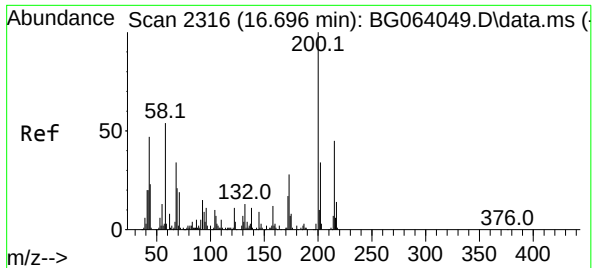
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#68  
Hexachlorobenzene  
Concen: 51.029 ng  
RT: 16.534 min Scan# 2288  
Delta R.T. -0.003 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

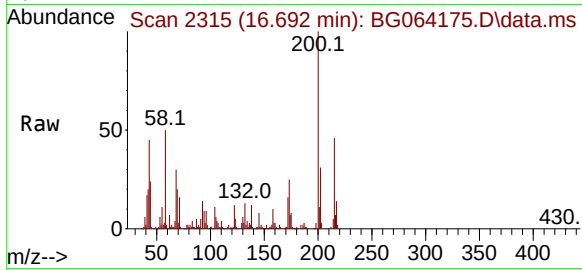
Tgt Ion:284 Resp: 137848  
Ion Ratio Lower Upper  
284 100  
142 38.1 30.6 45.8  
249 33.9 26.6 39.8





#69  
Atrazine  
Concen: 71.503 ng  
RT: 16.692 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

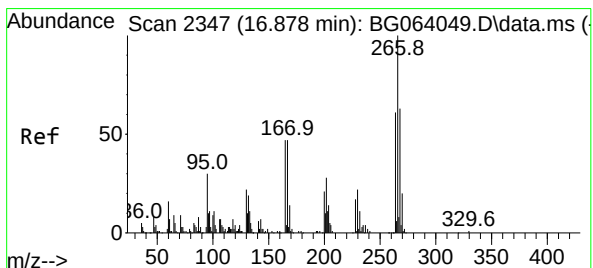
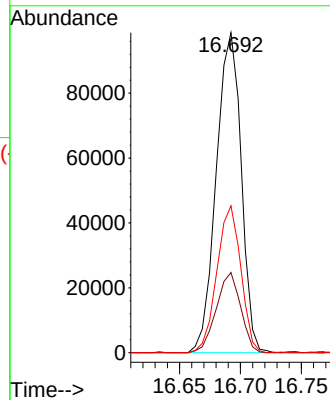
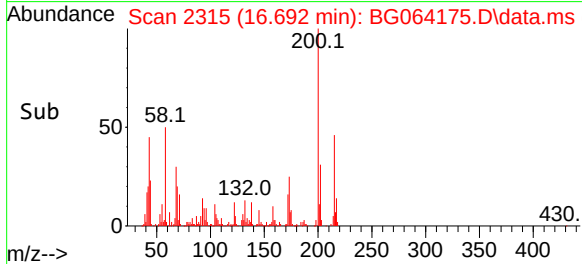
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BS



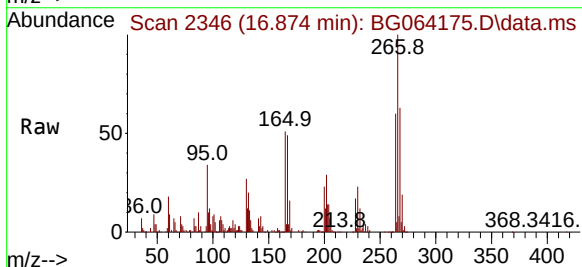
Tgt Ion:200 Resp: 140300  
Ion Ratio Lower Upper  
200 100  
173 25.1 8.2 48.2  
215 45.9 25.5 65.5

Manual Integrations  
APPROVED

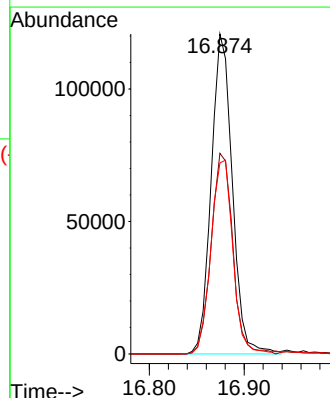
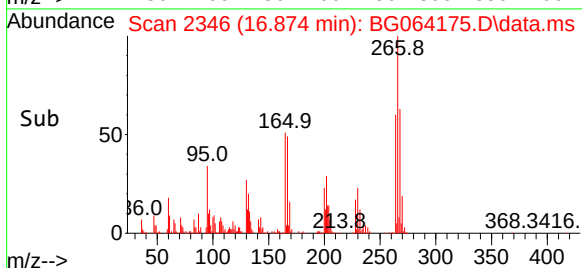
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



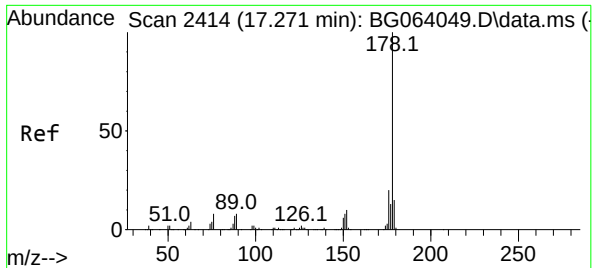
#70  
Pentachlorophenol  
Concen: 111.241 ng  
RT: 16.874 min Scan# 2346  
Delta R.T. -0.004 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38



Tgt Ion:266 Resp: 186580  
Ion Ratio Lower Upper  
266 100  
268 62.7 50.2 75.4  
264 59.7 48.9 73.3

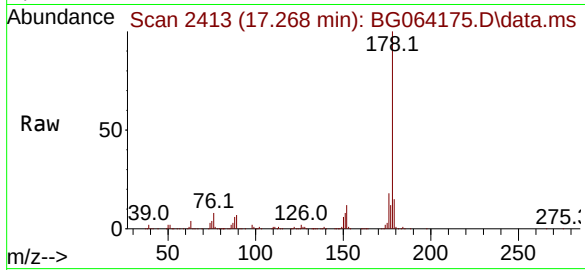






#71  
Phenanthrene  
Concen: 50.546 ng  
RT: 17.268 min Scan# 2413  
Delta R.T. -0.003 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

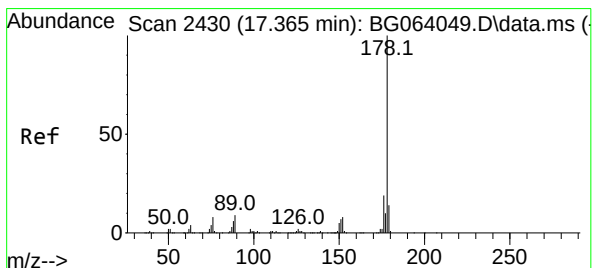
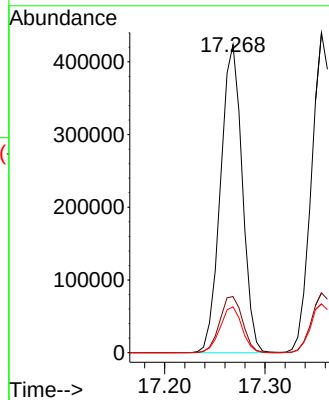
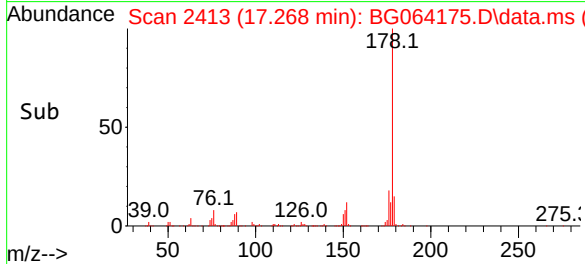
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BS



Tgt Ion:178 Resp: 635172  
Ion Ratio Lower Upper  
178 100  
176 18.2 15.9 23.9  
179 14.9 12.2 18.2

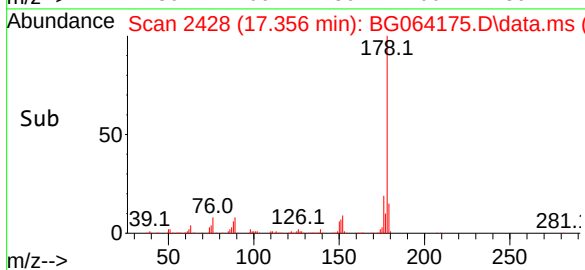
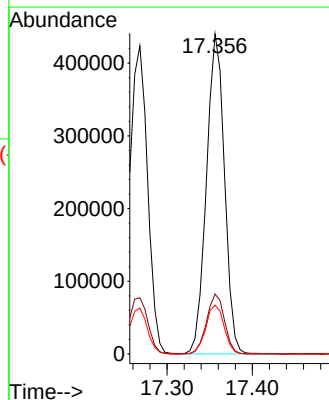
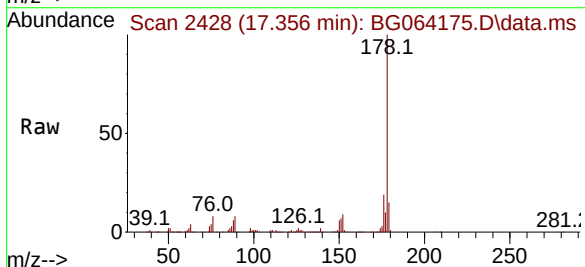
Manual Integrations  
APPROVED

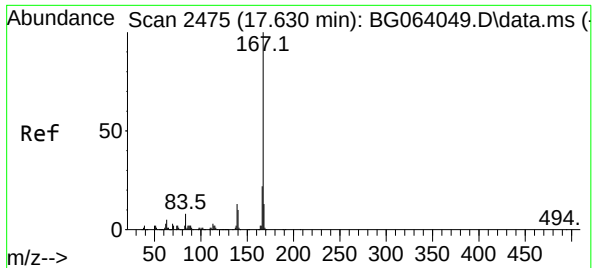
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#72  
Anthracene  
Concen: 51.897 ng  
RT: 17.356 min Scan# 2428  
Delta R.T. -0.009 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

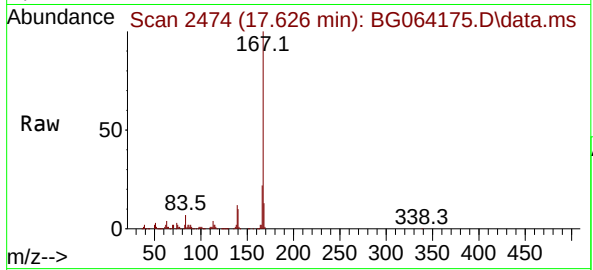
Tgt Ion:178 Resp: 648466  
Ion Ratio Lower Upper  
178 100  
176 18.7 14.8 22.2  
179 15.3 11.5 17.3





#73  
Carbazole  
Concen: 50.473 ng  
RT: 17.626 min Scan# 2475  
Delta R.T. -0.003 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

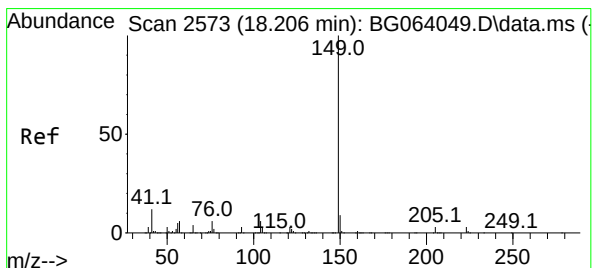
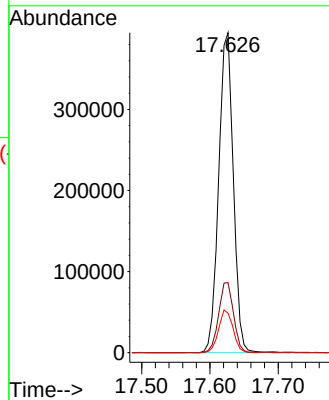
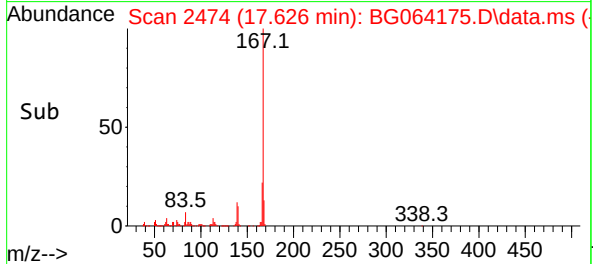
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BS



Tgt Ion:167 Resp: 588835  
Ion Ratio Lower Upper  
167 100  
166 21.9 18.0 27.0  
139 12.3 10.6 15.8

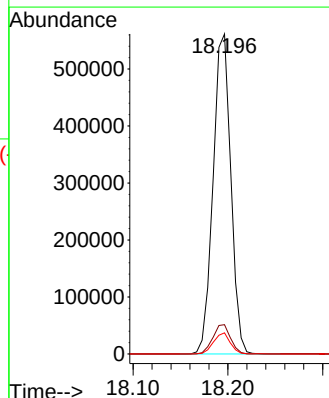
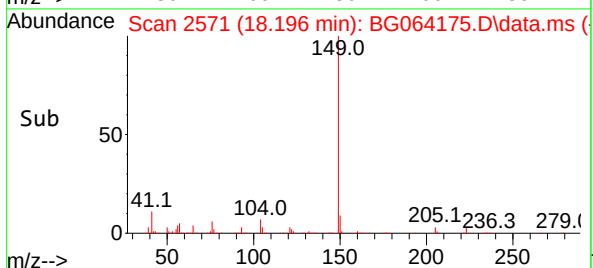
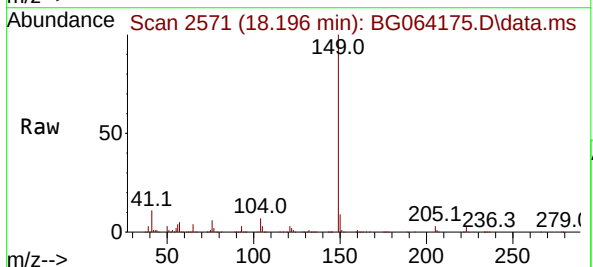
Manual Integrations  
APPROVED

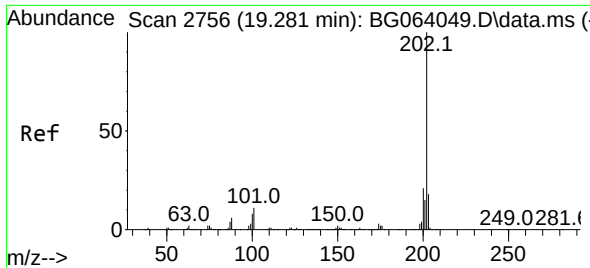
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#74  
Di-n-butylphthalate  
Concen: 53.000 ng  
RT: 18.196 min Scan# 2571  
Delta R.T. -0.009 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

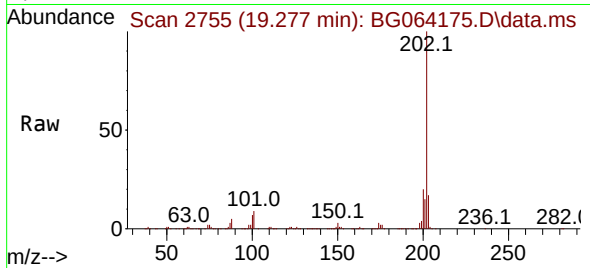
Tgt Ion:149 Resp: 727823  
Ion Ratio Lower Upper  
149 100  
150 9.2 7.4 11.0  
104 6.6 5.0 7.6





#75  
Fluoranthene  
Concen: 49.013 ng  
RT: 19.277 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

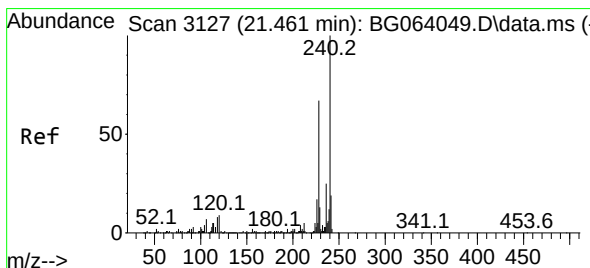
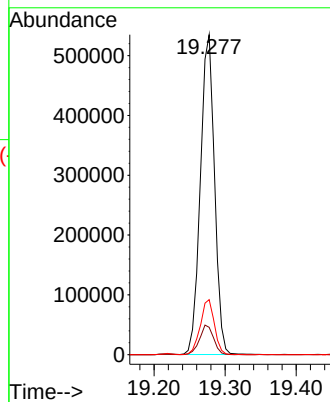
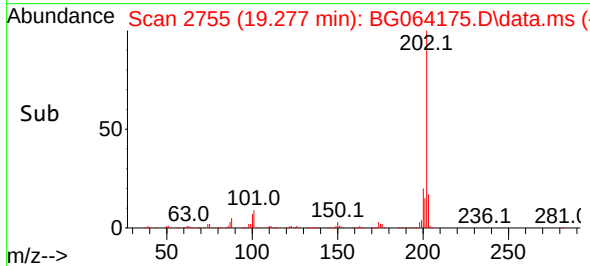
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BS



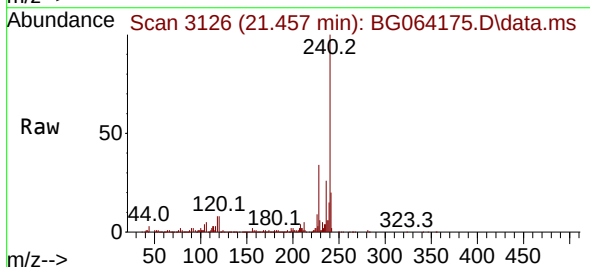
Tgt Ion:202 Resp: 74251  
Ion Ratio Lower Upper  
202 100  
101 8.6 0.0 30.5  
203 17.2 0.0 38.3

Manual Integrations  
APPROVED

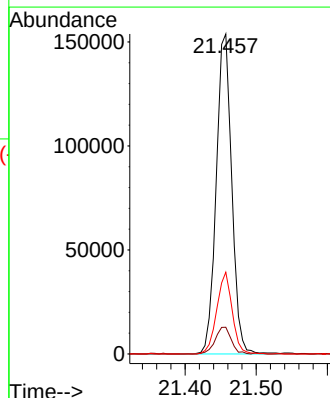
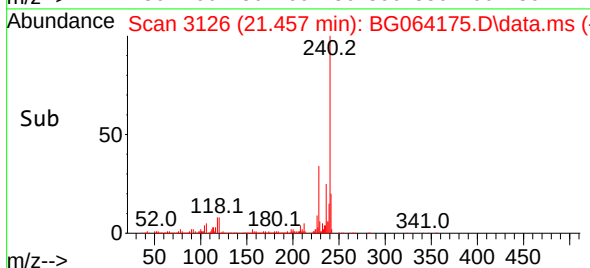
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025

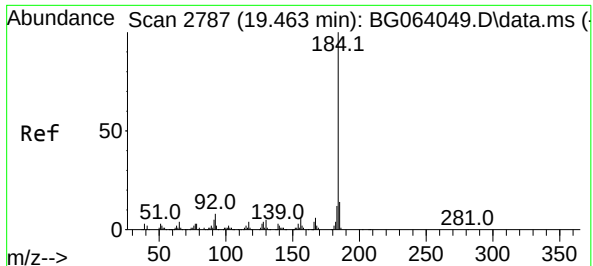


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.457 min Scan# 3126  
Delta R.T. -0.003 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38



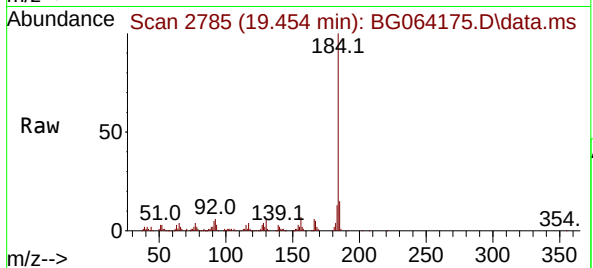
Tgt Ion:240 Resp: 232442  
Ion Ratio Lower Upper  
240 100  
120 8.4 7.2 10.8  
236 25.5 20.2 30.2





#77  
Benzidine  
Concen: 58.762 ng  
RT: 19.454 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

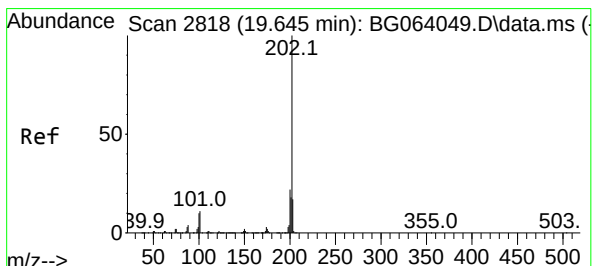
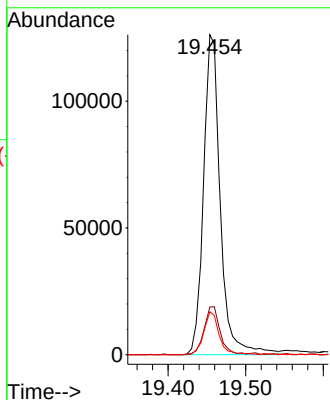
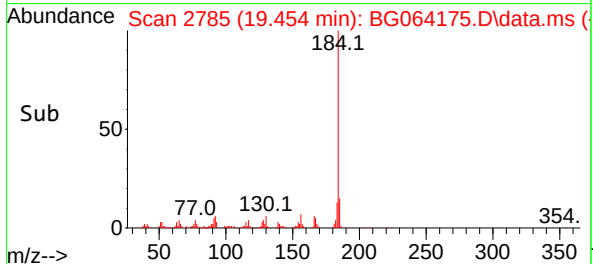
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BS



Tgt Ion:184 Resp: 189130  
Ion Ratio Lower Upper  
184 100  
185 14.9 11.3 16.9  
183 13.4 9.5 14.3

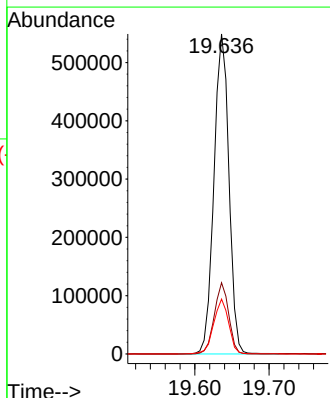
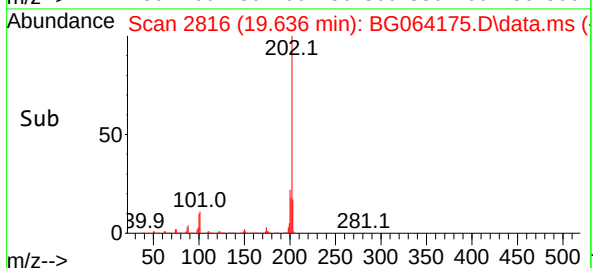
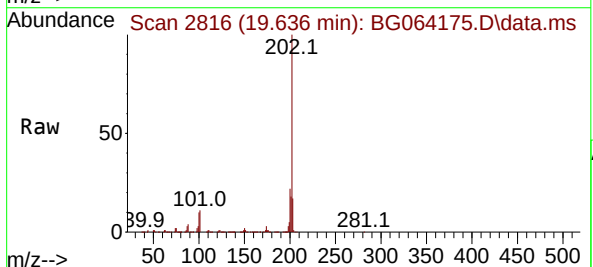
Manual Integrations  
APPROVED

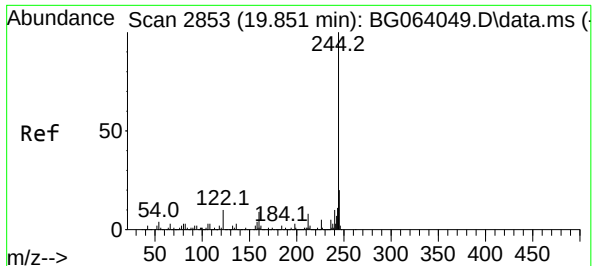
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#78  
Pyrene  
Concen: 51.406 ng  
RT: 19.636 min Scan# 2816  
Delta R.T. -0.009 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

Tgt Ion:202 Resp: 770248  
Ion Ratio Lower Upper  
202 100  
200 22.3 17.3 25.9  
203 17.2 13.6 20.4





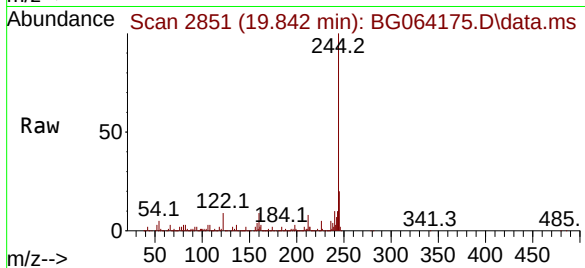
#79  
Terphenyl-d14  
Concen: 102.743 ng  
RT: 19.842 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

Instrument :

BNA\_G

ClientSampleId :

PB167451BS

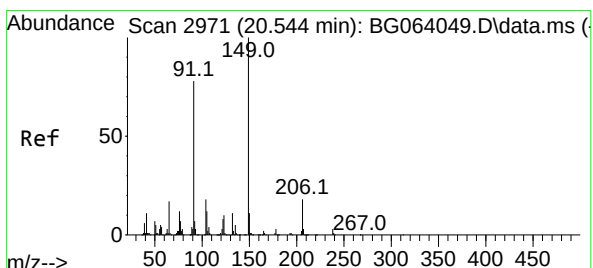
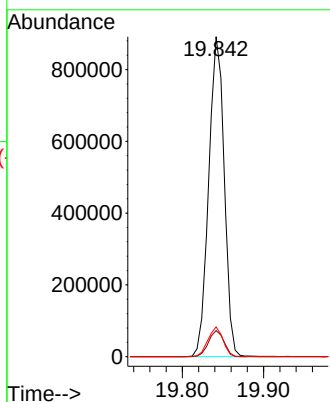
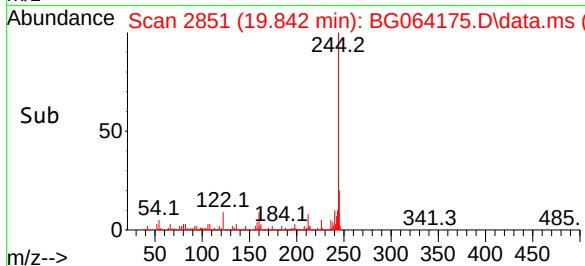


Tgt Ion:244 Resp: 118110  
Ion Ratio Lower Upper  
244 100  
212 8.2 6.2 9.4  
122 9.3 8.0 12.0

Manual Integrations

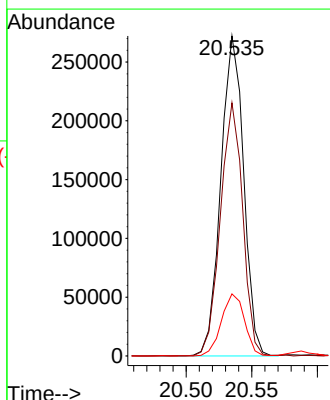
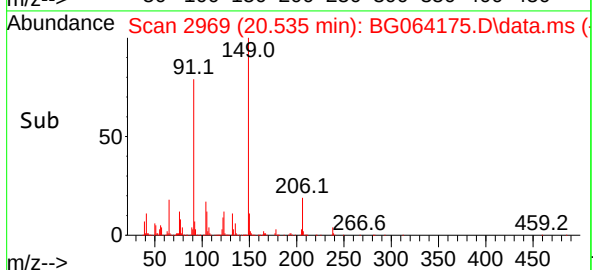
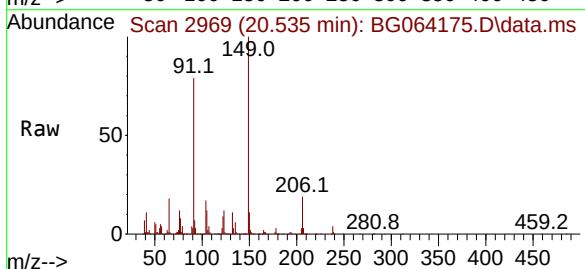
APPROVED

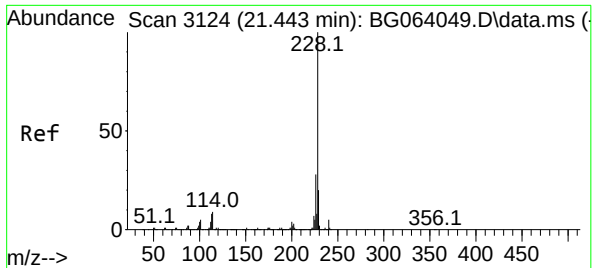
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#80  
Butylbenzylphthalate  
Concen: 57.719 ng  
RT: 20.535 min Scan# 2969  
Delta R.T. -0.009 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

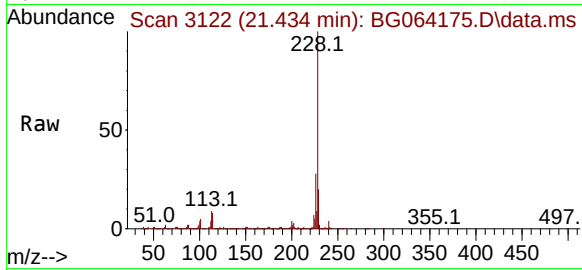
Tgt Ion:149 Resp: 329008  
Ion Ratio Lower Upper  
149 100  
91 79.1 62.0 93.0  
206 19.4 14.6 21.8





#81  
Benzo(a)anthracene  
Concen: 52.478 ng  
RT: 21.434 min Scan# 3109  
Delta R.T. -0.009 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

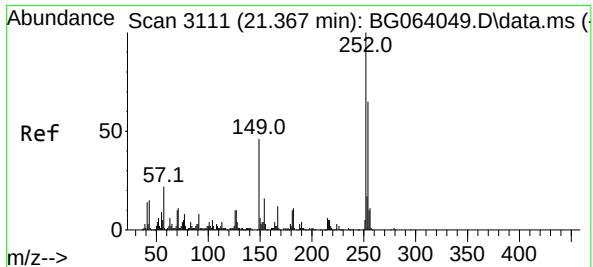
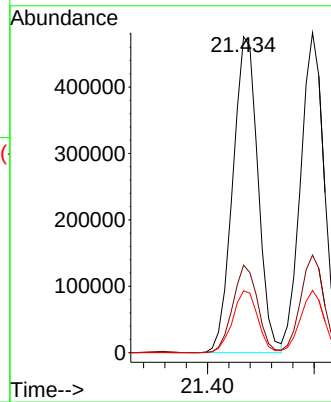
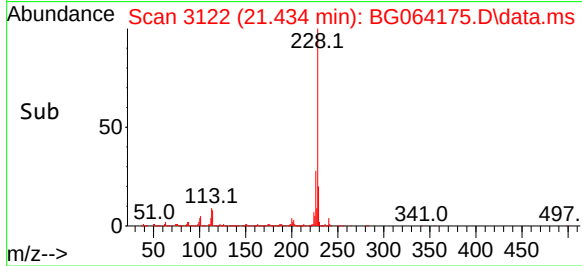
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BS



Tgt Ion:228 Resp: 781360  
Ion Ratio Lower Upper  
228 100  
226 27.7 22.2 33.2  
229 19.6 16.4 24.6

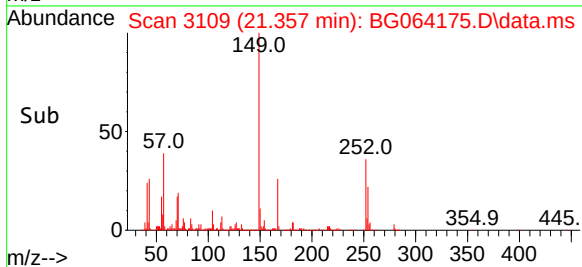
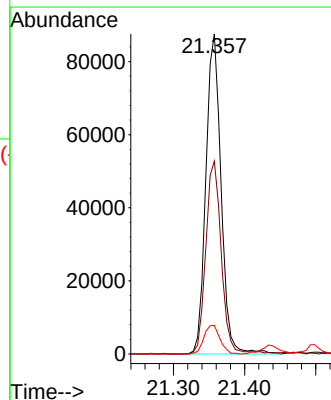
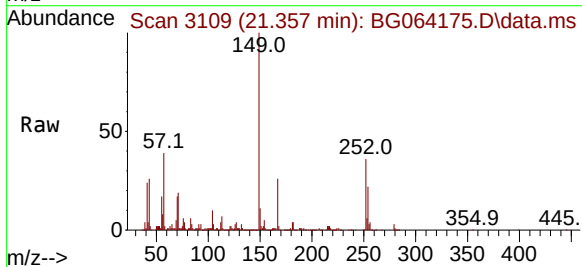
Manual Integrations  
APPROVED

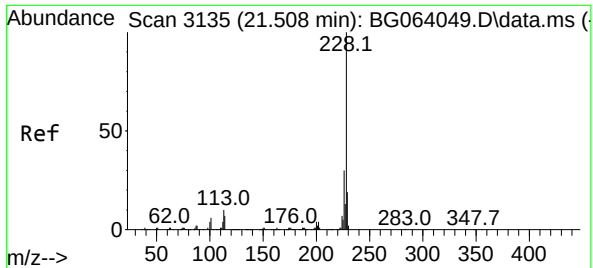
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#82  
3,3'-Dichlorobenzidine  
Concen: 27.058 ng  
RT: 21.357 min Scan# 3109  
Delta R.T. -0.009 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

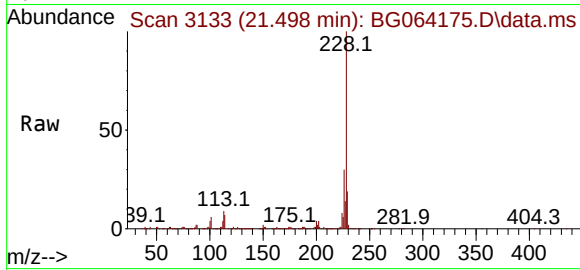
Tgt Ion:252 Resp: 130385  
Ion Ratio Lower Upper  
252 100  
254 60.3 52.1 78.1  
126 9.0 7.8 11.8





#83  
Chrysene  
Concen: 49.620 ng  
RT: 21.498 min Scan# 3110  
Delta R.T. -0.009 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

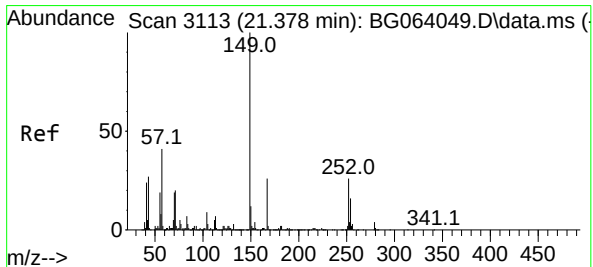
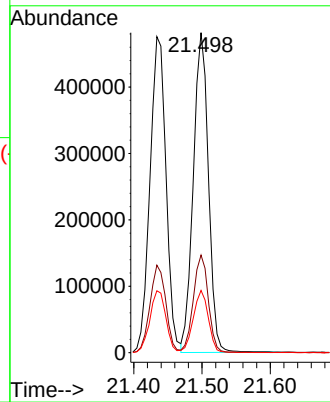
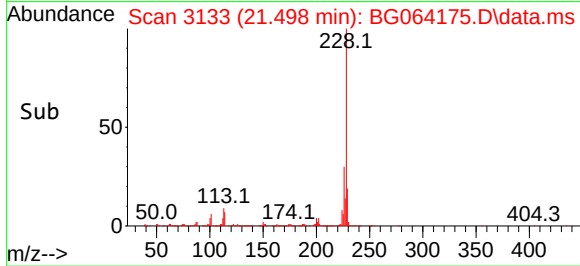
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BS



Tgt Ion:228 Resp: 736885  
Ion Ratio Lower Upper  
228 100  
226 30.5 23.9 35.9  
229 19.5 15.3 22.9

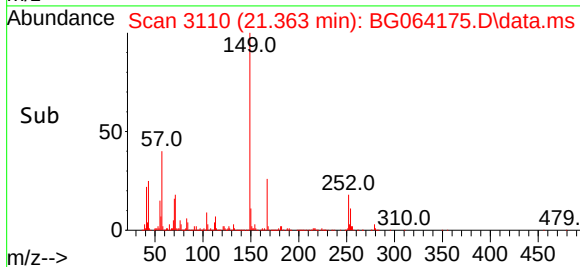
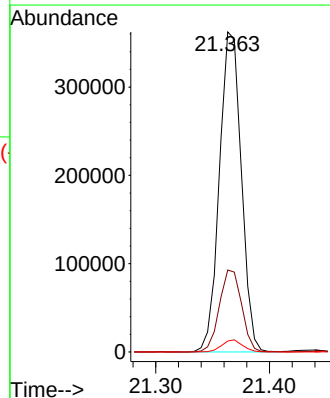
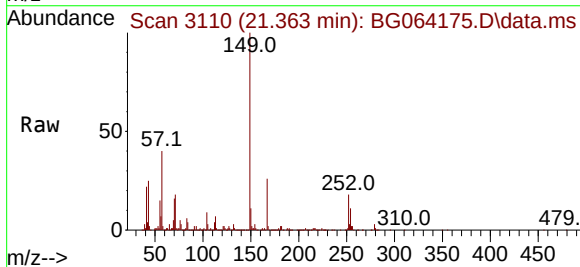
Manual Integrations  
APPROVED

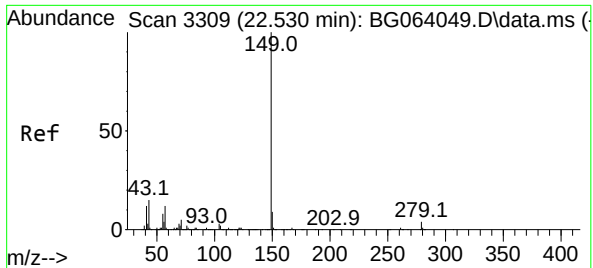
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 60.391 ng  
RT: 21.363 min Scan# 3110  
Delta R.T. -0.015 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

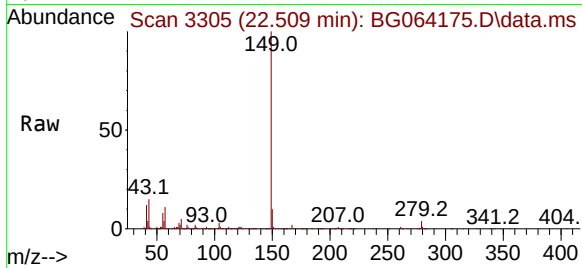
Tgt Ion:149 Resp: 486302  
Ion Ratio Lower Upper  
149 100  
167 25.6 21.0 31.6  
279 3.4 2.8 4.2





#85  
Di-n-octyl phthalate  
Concen: 59.663 ng  
RT: 22.509 min Scan# 3309  
Delta R.T. -0.021 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

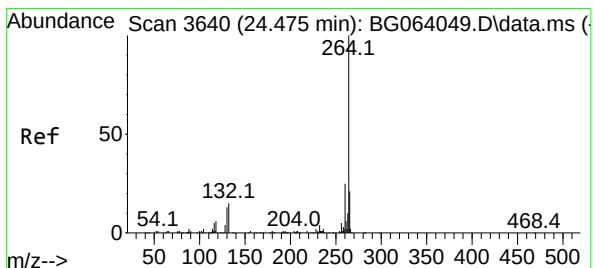
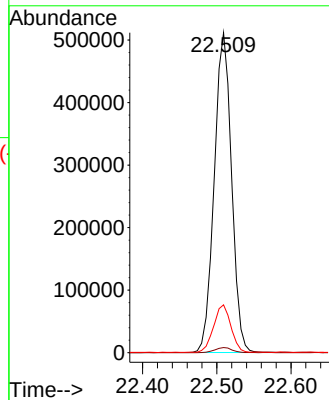
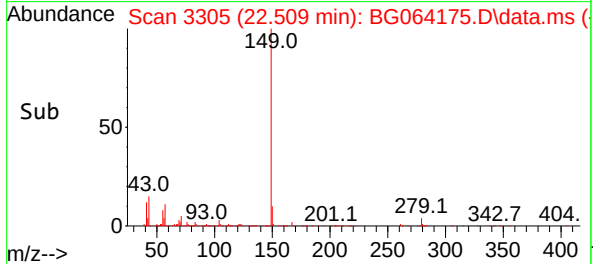
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BS



Tgt Ion:149 Resp: 828678  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 14.9 12.6 19.0

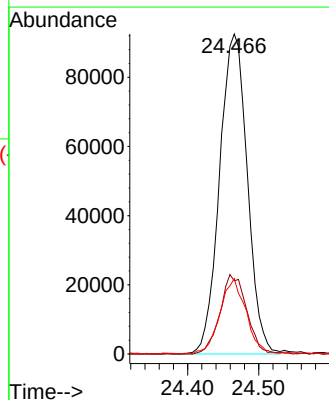
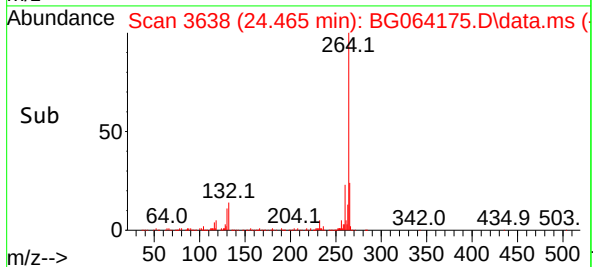
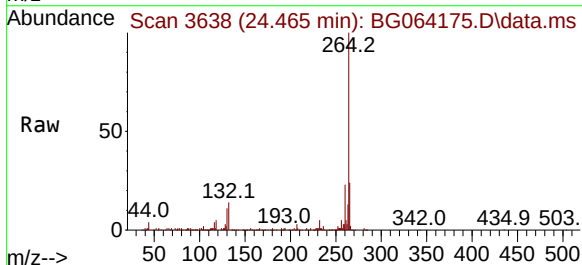
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025

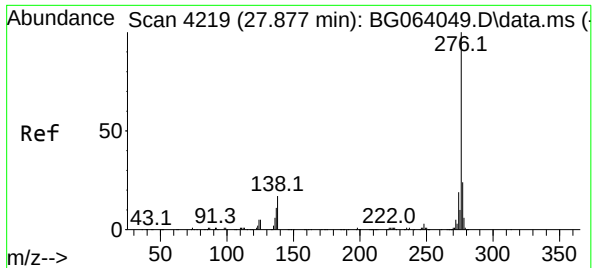


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.465 min Scan# 3638  
Delta R.T. -0.009 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

Tgt Ion:264 Resp: 250687  
Ion Ratio Lower Upper  
264 100  
260 22.8 19.6 29.4  
265 23.6 16.6 25.0

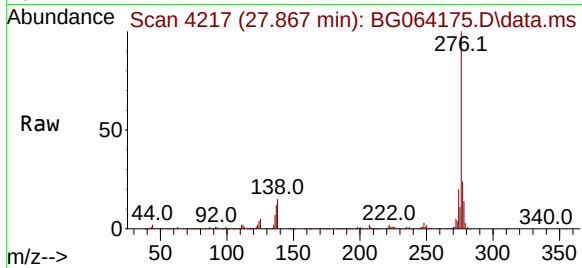






#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 54.677 ng  
 RT: 27.867 min Scan# 4217  
 Delta R.T. -0.009 min  
 Lab File: BG064175.D  
 Acq: 3 Apr 2025 20:38

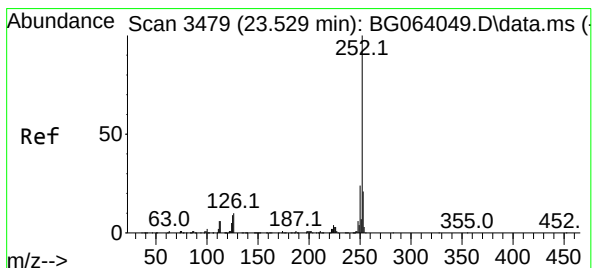
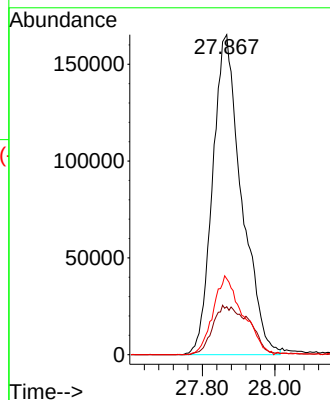
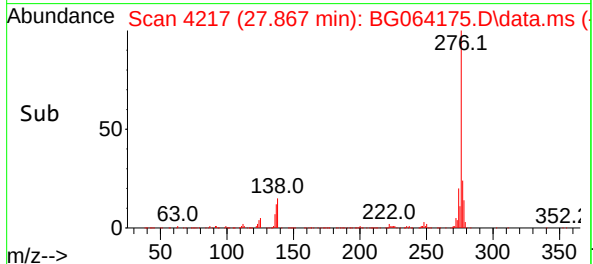
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB167451BS



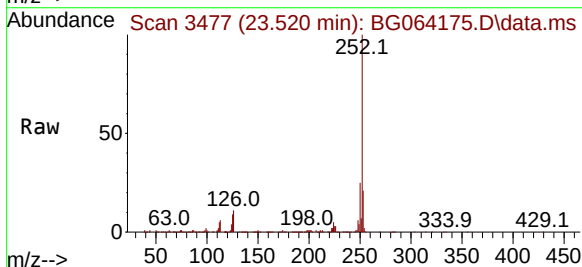
Tgt Ion:276 Resp: 91710  
 Ion Ratio Lower Upper  
 276 100  
 138 19.3 12.1 18.1  
 277 25.2 20.0 30.0

Manual Integrations  
 APPROVED

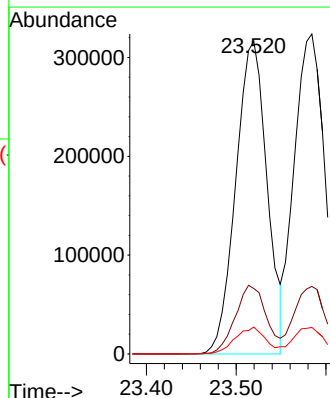
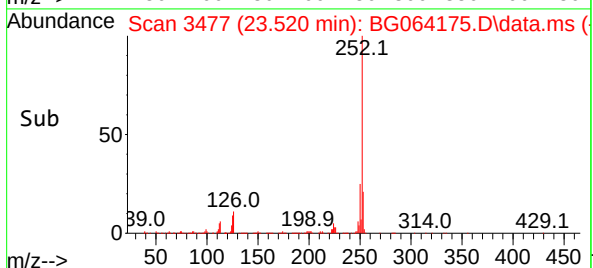
Reviewed By :Rahul Chavli 04/04/2025  
 Supervised By :Jagrut Upadhyay 04/04/2025

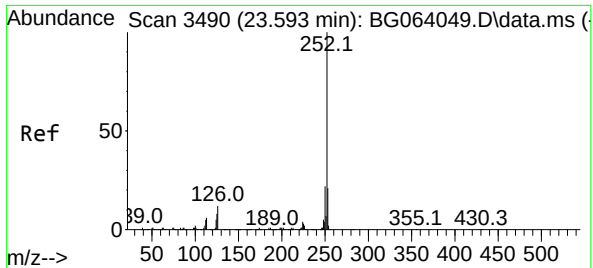


#88  
 Benzo(b)fluoranthene  
 Concen: 50.473 ng  
 RT: 23.520 min Scan# 3477  
 Delta R.T. -0.009 min  
 Lab File: BG064175.D  
 Acq: 3 Apr 2025 20:38



Tgt Ion:252 Resp: 764913  
 Ion Ratio Lower Upper  
 252 100  
 253 20.9 17.0 25.4  
 125 8.6 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 50.224 ng

RT: 23.584 min Scan# 34

Delta R.T. -0.009 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

Instrument :

BNA\_G

ClientSampleId :

PB167451BS

Tgt Ion:252 Resp: 76358

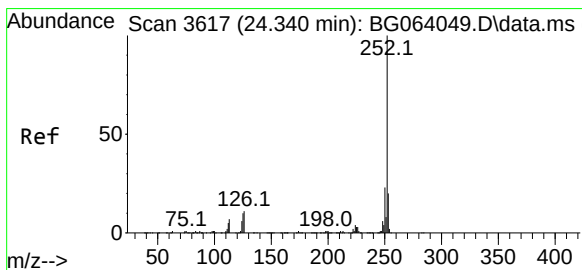
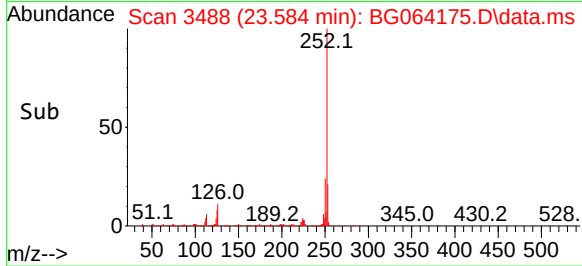
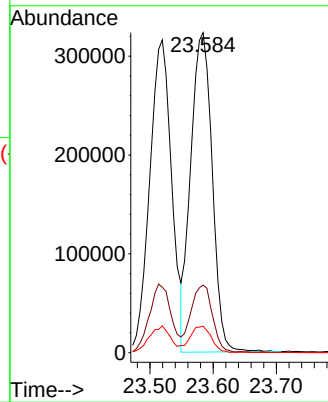
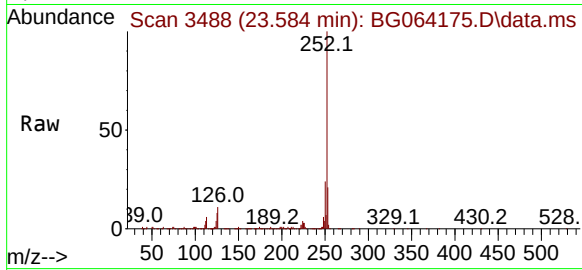
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.1  | 16.8  | 25.2  |
| 125 | 8.3   | 6.9   | 10.3  |

Manual Integrations

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Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#90

Benzo(a)pyrene

Concen: 54.971 ng

RT: 24.330 min Scan# 3615

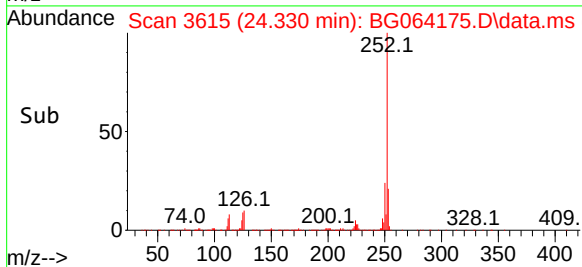
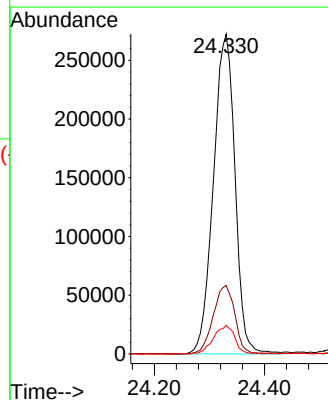
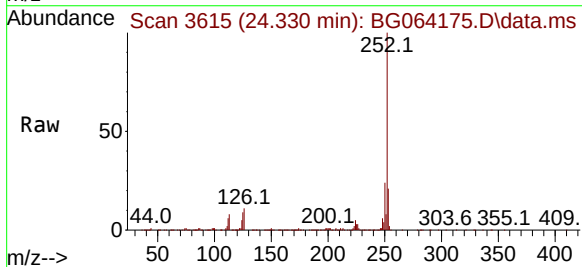
Delta R.T. -0.009 min

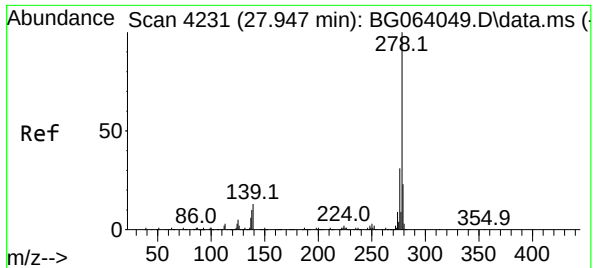
Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

Tgt Ion:252 Resp: 741942

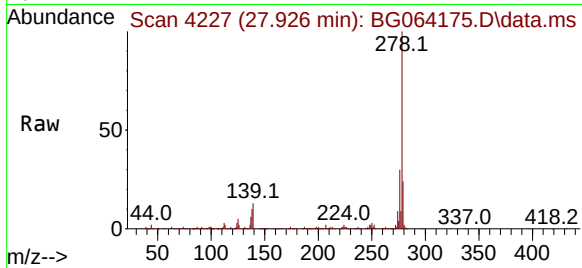
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.4  | 16.2  | 24.2  |
| 125 | 8.9   | 7.8   | 11.6  |





#91  
Dibenzo(a,h)anthracene  
Concen: 53.918 ng  
RT: 27.926 min Scan# 41  
Delta R.T. -0.021 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38

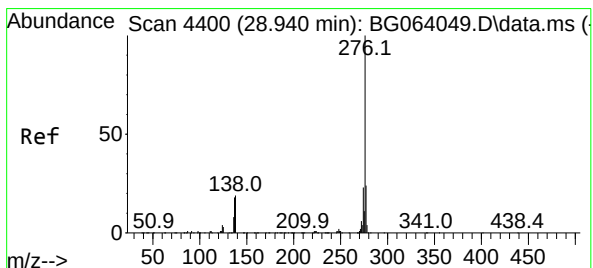
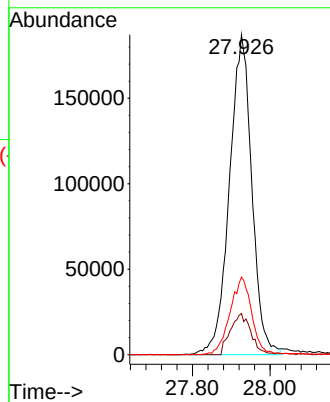
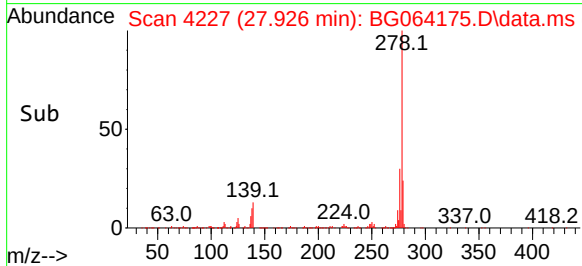
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BS



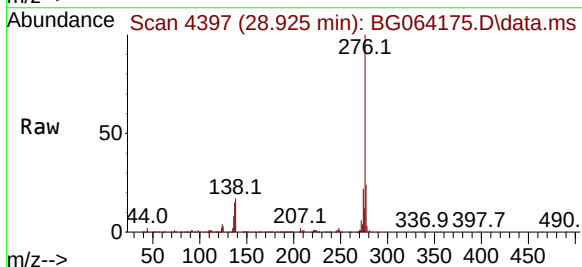
Tgt Ion:278 Resp: 749744  
Ion Ratio Lower Upper  
278 100  
139 12.8 10.2 15.2  
279 24.2 18.1 27.1

Manual Integrations  
APPROVED

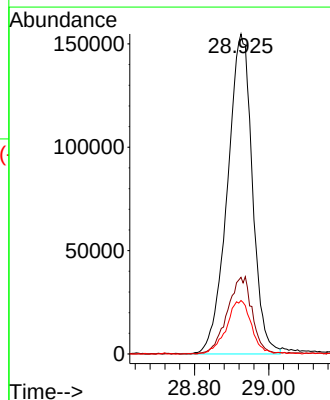
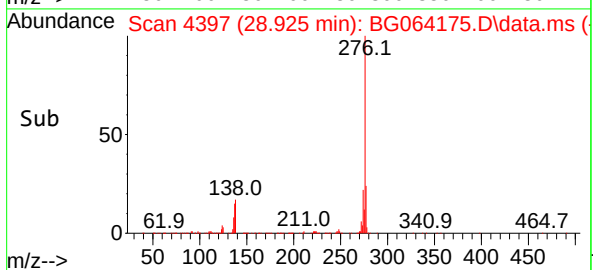
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#92  
Benzo(g,h,i)perylene  
Concen: 50.605 ng  
RT: 28.925 min Scan# 4397  
Delta R.T. -0.015 min  
Lab File: BG064175.D  
Acq: 3 Apr 2025 20:38



Tgt Ion:276 Resp: 722475  
Ion Ratio Lower Upper  
276 100  
277 23.9 19.5 29.3  
138 16.7 15.4 23.0



## Report of Analysis

|                    |                  |                 |                  |
|--------------------|------------------|-----------------|------------------|
| Client:            | G Environmental  | Date Collected: |                  |
| Project:           | TGP              | Date Received:  |                  |
| Client Sample ID:  | PB167451BSD      | SDG No.:        | Q1690            |
| Lab Sample ID:     | PB167451BSD      | Matrix:         | Water            |
| Analytical Method: | SW8270           | % Solid:        | 0                |
| Sample Wt/Vol:     | 1000 Units: mL   | Final Vol:      | 1000 uL          |
| Soil Aliquot Vol:  | uL               | Test:           | SVOC-TCL BNA -20 |
| Extraction Type :  | Decanted : N     | Level :         | LOW              |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup :   | N PH :           |
| Prep Method :      | SW3510C          |                 |                  |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BG064176.D        | 1         | 04/03/25 10:10 | 04/03/25 21:19 | PB167451      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |            |       |
| 100-52-7       | Benzaldehyde                | 40.3  |           | 3.90 | 10.0       | ug/L  |
| 108-95-2       | Phenol                      | 52.9  |           | 0.91 | 5.00       | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether     | 44.8  |           | 0.81 | 5.00       | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 54.5  |           | 0.58 | 5.00       | ug/L  |
| 95-48-7        | 2-Methylphenol              | 56.9  |           | 1.10 | 5.00       | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 47.8  |           | 1.30 | 5.00       | ug/L  |
| 98-86-2        | Acetophenone                | 45.8  |           | 0.74 | 5.00       | ug/L  |
| 65794-96-9     | 3+4-Methylphenols           | 56.8  |           | 1.10 | 10.0       | ug/L  |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 50.1  |           | 1.40 | 2.50       | ug/L  |
| 67-72-1        | Hexachloroethane            | 53.7  |           | 0.65 | 5.00       | ug/L  |
| 98-95-3        | Nitrobenzene                | 52.6  |           | 0.76 | 5.00       | ug/L  |
| 78-59-1        | Isophorone                  | 49.5  |           | 0.75 | 5.00       | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 61.9  |           | 1.80 | 5.00       | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 76.6  |           | 1.90 | 5.00       | ug/L  |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 47.7  |           | 0.68 | 5.00       | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 58.2  |           | 0.52 | 5.00       | ug/L  |
| 91-20-3        | Naphthalene                 | 47.1  |           | 0.50 | 5.00       | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 11.4  |           | 0.84 | 5.00       | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 50.5  |           | 0.54 | 5.00       | ug/L  |
| 105-60-2       | Caprolactam                 | 58.1  |           | 1.10 | 10.0       | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 58.0  |           | 0.59 | 5.00       | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 45.7  |           | 0.56 | 5.00       | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 250   | E         | 3.60 | 10.0       | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 56.9  |           | 0.51 | 5.00       | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 57.3  |           | 0.62 | 5.00       | ug/L  |
| 92-52-4        | 1,1-Biphenyl                | 47.5  |           | 0.53 | 5.00       | ug/L  |
| 91-58-7        | 2-Chloronaphthalene         | 49.0  |           | 0.61 | 5.00       | ug/L  |
| 88-74-4        | 2-Nitroaniline              | 56.2  |           | 1.30 | 5.00       | ug/L  |
| 131-11-3       | Dimethylphthalate           | 50.7  |           | 0.61 | 5.00       | ug/L  |

## Report of Analysis

|                    |                  |                 |                  |
|--------------------|------------------|-----------------|------------------|
| Client:            | G Environmental  | Date Collected: |                  |
| Project:           | TGP              | Date Received:  |                  |
| Client Sample ID:  | PB167451BSD      | SDG No.:        | Q1690            |
| Lab Sample ID:     | PB167451BSD      | Matrix:         | Water            |
| Analytical Method: | SW8270           | % Solid:        | 0                |
| Sample Wt/Vol:     | 1000 Units: mL   | Final Vol:      | 1000 uL          |
| Soil Aliquot Vol:  | uL               | Test:           | SVOC-TCL BNA -20 |
| Extraction Type :  | Decanted : N     | Level :         | LOW              |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup :   | N PH :           |
| Prep Method :      | SW3510C          |                 |                  |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BG064176.D        | 1         | 04/03/25 10:10 | 04/03/25 21:19 | PB167451      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|------------|-------|
| 208-96-8   | Acenaphthylene             | 53.7  |           | 0.75 | 5.00       | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 53.6  |           | 0.92 | 5.00       | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 21.8  |           | 1.10 | 5.00       | ug/L  |
| 83-32-9    | Acenaphthene               | 47.3  |           | 0.55 | 5.00       | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 160   | E         | 6.00 | 10.0       | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 130   | E         | 2.40 | 10.0       | ug/L  |
| 132-64-9   | Dibenzofuran               | 47.9  |           | 0.61 | 5.00       | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 61.5  |           | 1.20 | 5.00       | ug/L  |
| 84-66-2    | Diethylphthalate           | 51.3  |           | 0.69 | 5.00       | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 51.2  |           | 0.68 | 5.00       | ug/L  |
| 86-73-7    | Fluorene                   | 50.8  |           | 0.63 | 5.00       | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 55.2  |           | 1.50 | 5.00       | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 70.7  |           | 2.90 | 10.0       | ug/L  |
| 86-30-6    | n-Nitrosodiphenylamine     | 51.4  |           | 0.58 | 5.00       | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 52.9  |           | 0.40 | 5.00       | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 52.4  |           | 0.52 | 5.00       | ug/L  |
| 1912-24-9  | Atrazine                   | 71.7  |           | 1.00 | 5.00       | ug/L  |
| 87-86-5    | Pentachlorophenol          | 110   | E         | 1.60 | 10.0       | ug/L  |
| 85-01-8    | Phenanthrene               | 50.9  |           | 0.50 | 5.00       | ug/L  |
| 120-12-7   | Anthracene                 | 53.4  |           | 0.61 | 5.00       | ug/L  |
| 86-74-8    | Carbazole                  | 51.8  |           | 0.72 | 5.00       | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 52.9  |           | 1.20 | 5.00       | ug/L  |
| 206-44-0   | Fluoranthene               | 49.6  |           | 0.82 | 5.00       | ug/L  |
| 129-00-0   | Pyrene                     | 49.8  |           | 0.50 | 5.00       | ug/L  |
| 85-68-7    | Butylbenzylphthalate       | 56.6  |           | 1.90 | 5.00       | ug/L  |
| 91-94-1    | 3,3-Dichlorobenzidine      | 25.4  |           | 0.93 | 10.0       | ug/L  |
| 56-55-3    | Benzo(a)anthracene         | 51.2  |           | 0.45 | 5.00       | ug/L  |
| 218-01-9   | Chrysene                   | 48.3  |           | 0.44 | 5.00       | ug/L  |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 57.8  |           | 1.60 | 5.00       | ug/L  |
| 117-84-0   | Di-n-octyl phthalate       | 58.3  |           | 2.30 | 10.0       | ug/L  |
| 205-99-2   | Benzo(b)fluoranthene       | 50.8  |           | 0.49 | 5.00       | ug/L  |

## Report of Analysis

|                    |                  |                 |                  |
|--------------------|------------------|-----------------|------------------|
| Client:            | G Environmental  | Date Collected: |                  |
| Project:           | TGP              | Date Received:  |                  |
| Client Sample ID:  | PB167451BSD      | SDG No.:        | Q1690            |
| Lab Sample ID:     | PB167451BSD      | Matrix:         | Water            |
| Analytical Method: | SW8270           | % Solid:        | 0                |
| Sample Wt/Vol:     | 1000 Units: mL   | Final Vol:      | 1000 uL          |
| Soil Aliquot Vol:  | uL               | Test:           | SVOC-TCL BNA -20 |
| Extraction Type :  | Decanted : N     | Level :         | LOW              |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup :   | N PH :           |
| Prep Method :      | SW3510C          |                 |                  |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BG064176.D        | 1         | 04/03/25 10:10 | 04/03/25 21:19 | PB167451      |

| CAS Number                | Parameter                  | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units    |
|---------------------------|----------------------------|--------|-----------|---------------------|------------|----------|
| 207-08-9                  | Benzo(k)fluoranthene       | 49.1   |           | 0.48                | 5.00       | ug/L     |
| 50-32-8                   | Benzo(a)pyrene             | 54.0   |           | 0.55                | 5.00       | ug/L     |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene     | 54.1   |           | 0.59                | 5.00       | ug/L     |
| 53-70-3                   | Dibenzo(a,h)anthracene     | 54.1   |           | 0.67                | 5.00       | ug/L     |
| 191-24-2                  | Benzo(g,h,i)perylene       | 49.8   |           | 0.69                | 5.00       | ug/L     |
| 95-94-3                   | 1,2,4,5-Tetrachlorobenzene | 45.6   |           | 0.52                | 5.00       | ug/L     |
| 123-91-1                  | 1,4-Dioxane                | 30.1   |           | 1.00                | 5.00       | ug/L     |
| 58-90-2                   | 2,3,4,6-Tetrachlorophenol  | 60.2   |           | 0.72                | 5.00       | ug/L     |
| <b>SURROGATES</b>         |                            |        |           |                     |            |          |
| 367-12-4                  | 2-Fluorophenol             | 151    |           | 15 (10) - 110 (139) | 101%       | SPK: 150 |
| 13127-88-3                | Phenol-d6                  | 148    |           | 15 (10) - 110 (134) | 98%        | SPK: 150 |
| 4165-60-0                 | Nitrobenzene-d5            | 106    |           | 30 (49) - 130 (133) | 106%       | SPK: 100 |
| 321-60-8                  | 2-Fluorobiphenyl           | 92.6   |           | 30 (52) - 130 (132) | 93%        | SPK: 100 |
| 118-79-6                  | 2,4,6-Tribromophenol       | 186    | *         | 15 (44) - 110 (137) | 124%       | SPK: 150 |
| 1718-51-0                 | Terphenyl-d14              | 100    |           | 30 (48) - 130 (125) | 100%       | SPK: 100 |
| <b>INTERNAL STANDARDS</b> |                            |        |           |                     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4     | 28300  | 7.861     |                     |            |          |
| 1146-65-2                 | Naphthalene-d8             | 133000 | 10.646    |                     |            |          |
| 15067-26-2                | Acenaphthene-d10           | 102000 | 14.483    |                     |            |          |
| 1517-22-2                 | Phenanthrene-d10           | 241000 | 17.226    |                     |            |          |
| 1719-03-5                 | Chrysene-d12               | 247000 | 21.457    |                     |            |          |
| 1520-96-3                 | Perylene-d12               | 262000 | 24.465    |                     |            |          |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040325\  
 Data File : BG064176.D  
 Acq On : 3 Apr 2025 21:19  
 Operator : RC/JU  
 Sample : PB167451BSD  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

PB167451BSD

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025

Quant Time: Apr 04 01:47:39 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 05 15:39:19 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.861  | 152  | 28303    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.646 | 136  | 133092   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 14.483 | 164  | 102019   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.226 | 188  | 241112   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.457 | 240  | 247153   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.465 | 264  | 262161   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.446  | 112  | 273335   | 150.796 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.032  | 99   | 363878   | 147.566 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.012  | 82   | 254551   | 105.694 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.975 | 330  | 210729   | 185.826 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.108 | 172  | 622132   | 92.563  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.847 | 244  | 1226464  | 100.339 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.360  | 88   | 24747    | 30.125  | ng    | # 90     |
| 3) Pyridine                   | 3.742  | 79   | 72843    | 36.461  | ng    | 94       |
| 4) n-Nitrosodimethylamine     | 3.660  | 42   | 61533    | 43.108  | ng    | 93       |
| 6) Aniline                    | 7.185  | 93   | 84711    | 35.010  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.426  | 128  | 106030   | 54.465  | ng    | 97       |
| 9) Benzaldehyde               | 6.997  | 77   | 57799    | 40.303  | ng    | 93       |
| 10) Phenol                    | 7.056  | 94   | 133538   | 52.894  | ng    | 93       |
| 11) bis(2-Chloroethyl)ether   | 7.279  | 93   | 88654    | 44.791  | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 7.749  | 146  | 102295   | 47.850  | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 7.896  | 146  | 106184   | 48.458  | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 8.213  | 146  | 103492   | 48.980  | ng    | 97       |
| 15) Benzyl Alcohol            | 8.096  | 79   | 108365   | 56.870  | ng    | 90       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.390  | 45   | 212871   | 47.830  | ng    | 98       |
| 17) 2-Methylphenol            | 8.296  | 107  | 95267    | 56.856  | ng    | 97       |
| 18) Hexachloroethane          | 8.936  | 117  | 41193    | 53.731  | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 8.660  | 70   | 86738    | 50.122  | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.625  | 107  | 130993   | 56.786  | ng    | 93       |
| 22) Acetophenone              | 8.678  | 105  | 167191   | 45.817  | ng    | # 98     |
| 24) Nitrobenzene              | 9.054  | 77   | 130832   | 52.565  | ng    | 98       |
| 25) Isophorone                | 9.576  | 82   | 238760   | 49.530  | ng    | # 95     |
| 26) 2-Nitrophenol             | 9.765  | 139  | 56784    | 61.899  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.823  | 122  | 110657   | 76.574  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 10.058 | 93   | 139396   | 47.697  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.293 | 162  | 106169   | 58.183  | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 10.511 | 180  | 106216   | 48.218  | ng    | 99       |
| 31) Naphthalene               | 10.699 | 128  | 337756   | 47.063  | ng    | 99       |
| 32) Benzoic acid              | 9.976  | 122  | 78160m   | 56.926  | ng    |          |
| 33) 4-Chloroaniline           | 10.804 | 127  | 29950    | 11.418  | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.987 | 225  | 72881    | 50.477  | ng    | 96       |
| 35) Caprolactam               | 11.574 | 113  | 40627m   | 58.099  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 11.933 | 107  | 138667   | 57.973  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.309 | 142  | 231571   | 45.707  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.526 | 142  | 250615   | 50.490  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.679 | 216  | 132937   | 45.643  | ng    | # 95     |
| 41) Hexachlorocyclopentadiene | 12.661 | 237  | 207064   | 252.595 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 12.914 | 196  | 97758    | 56.949  | ng    | 95       |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040325\  
 Data File : BG064176.D  
 Acq On : 3 Apr 2025 21:19  
 Operator : RC/JU  
 Sample : PB167451BSD  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

PB167451BSD

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025

Quant Time: Apr 04 01:47:39 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 05 15:39:19 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.984 | 196  | 109209   | 57.257  | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.319 | 154  | 366417   | 47.540  | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.360 | 162  | 275172   | 48.951  | ng    | 98       |
| 48) 2-Nitroaniline            | 13.560 | 65   | 108592   | 56.226  | ng    | 97       |
| 49) Acenaphthylene            | 14.206 | 152  | 477520   | 53.705  | ng    | 99       |
| 50) Dimethylphthalate         | 13.942 | 163  | 381580   | 50.669  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.059 | 165  | 82465    | 53.558  | ng    | 96       |
| 52) Acenaphthene              | 14.547 | 154  | 282136   | 47.281  | ng    | 99       |
| 53) 3-Nitroaniline            | 14.383 | 138  | 31715    | 21.790  | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 14.594 | 184  | 105922   | 157.784 | ng    | # 70     |
| 55) Dibenzofuran              | 14.882 | 168  | 463105   | 47.907  | ng    | 96       |
| 56) 4-Nitrophenol             | 14.700 | 139  | 153028   | 125.363 | ng    | 90       |
| 57) 2,4-Dinitrotoluene        | 14.847 | 165  | 131963   | 61.490  | ng    | # 98     |
| 58) Fluorene                  | 15.534 | 166  | 382424   | 50.793  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.111 | 232  | 111984   | 60.224  | ng    | # 94     |
| 60) Diethylphthalate          | 15.311 | 149  | 419250   | 51.282  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.528 | 204  | 191460   | 51.173  | ng    | 91       |
| 62) 4-Nitroaniline            | 15.552 | 138  | 86814    | 55.246  | ng    | 92       |
| 63) Azobenzene                | 15.822 | 77   | 414254   | 47.485  | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.611 | 198  | 78477    | 70.683  | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 15.740 | 169  | 350536   | 51.361  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.421 | 248  | 130700   | 52.927  | ng    | 94       |
| 68) Hexachlorobenzene         | 16.533 | 284  | 144837   | 52.389  | ng    | 98       |
| 69) Atrazine                  | 16.692 | 200  | 143980   | 71.699  | ng    | 93       |
| 70) Pentachlorophenol         | 16.880 | 266  | 194044   | 113.044 | ng    | 98       |
| 71) Phenanthrene              | 17.267 | 178  | 654476   | 50.891  | ng    | 99       |
| 72) Anthracene                | 17.356 | 178  | 682335   | 53.358  | ng    | 98       |
| 73) Carbazole                 | 17.626 | 167  | 618082   | 51.768  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.196 | 149  | 743858   | 52.928  | ng    | 99       |
| 75) Fluoranthene              | 19.277 | 202  | 768518   | 49.569  | ng    | 97       |
| 77) Benzidine                 | 19.459 | 184  | 209165   | 61.117  | ng    | 99       |
| 78) Pyrene                    | 19.635 | 202  | 793876   | 49.829  | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.534 | 149  | 342298   | 56.555  | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.439 | 228  | 811117   | 51.233  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.357 | 252  | 130164   | 25.404  | ng    | # 97     |
| 83) Chrysene                  | 21.498 | 228  | 763254   | 48.337  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.369 | 149  | 494996   | 57.812  | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.508 | 149  | 861580   | 58.339  | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.873 | 276  | 948603   | 54.080  | ng    | # 96     |
| 88) Benzo(b)fluoranthene      | 23.519 | 252  | 804926   | 50.789  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.584 | 252  | 780833   | 49.111  | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.330 | 252  | 761854   | 53.976  | ng    | 96       |
| 91) Dibenzo(a,h)anthracene    | 27.926 | 278  | 786562   | 54.090  | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 28.924 | 276  | 743203   | 49.778  | ng    | 96       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed



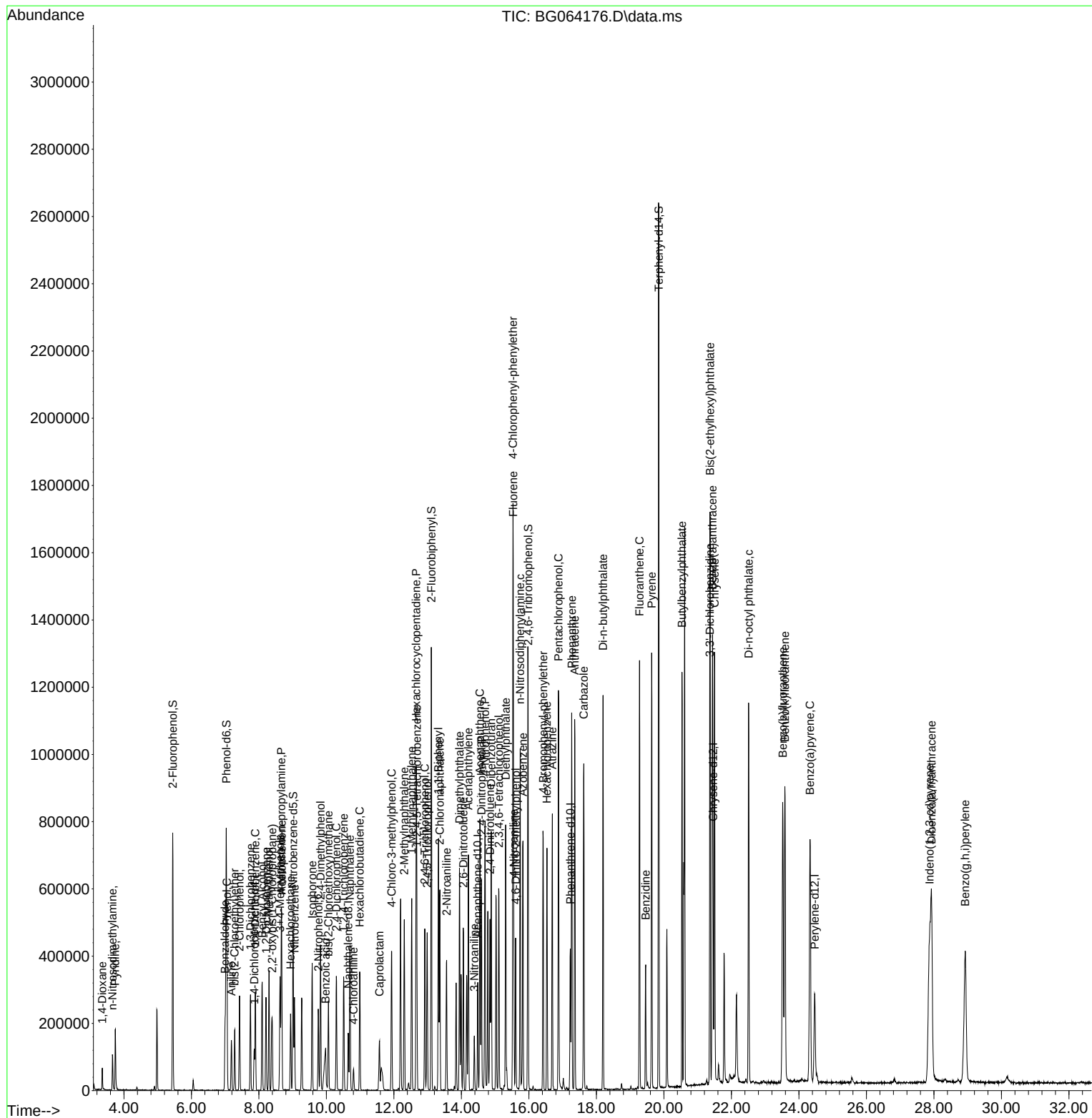
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Data File : BG064176.D  
Acq On : 3 Apr 2025 21:19  
Operator : RC/JU  
Sample : PB167451BSD  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

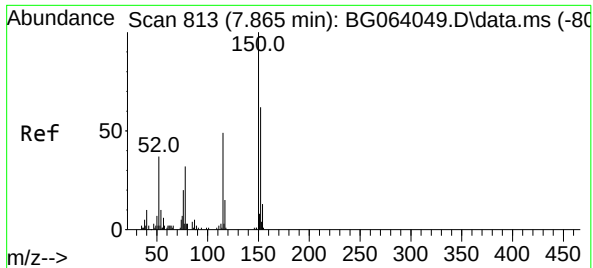
**Instrument :**  
BNA\_G  
**ClientSampleId :**  
PB167451BSD

## Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025

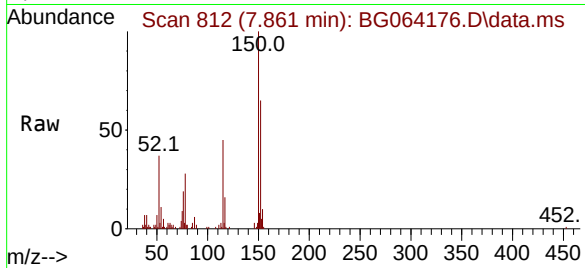
Quant Time: Apr 04 01:47:39 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Mar 05 15:39:19 2025  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.861 min Scan# 813  
Delta R.T. -0.004 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

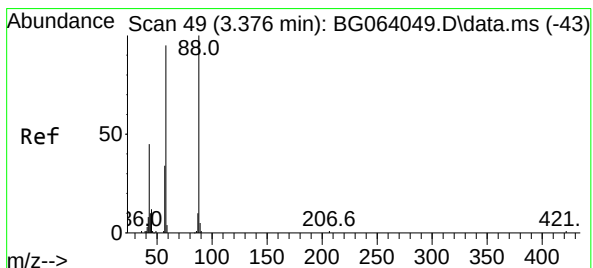
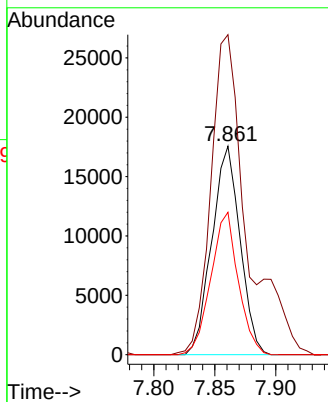
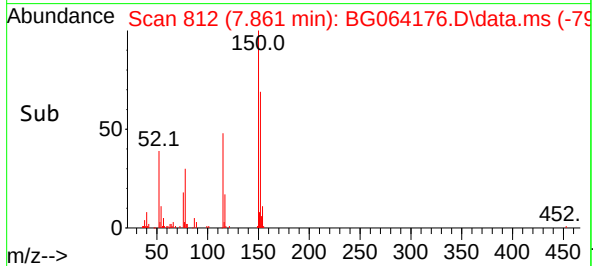
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BSD



Tgt Ion:152 Resp: 2830  
Ion Ratio Lower Upper  
152 100  
150 153.5 129.2 193.8  
115 68.3 63.0 94.6

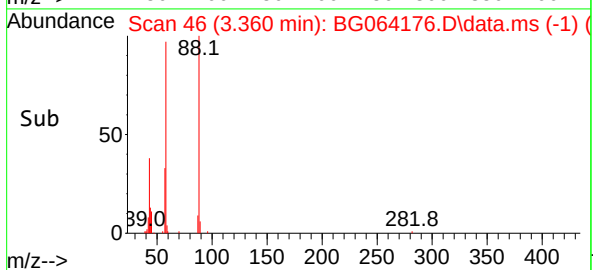
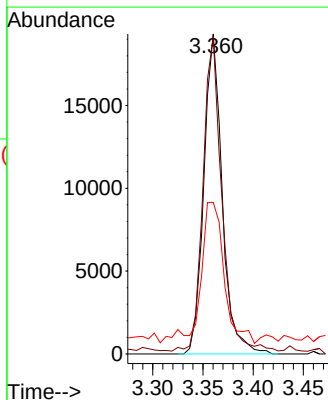
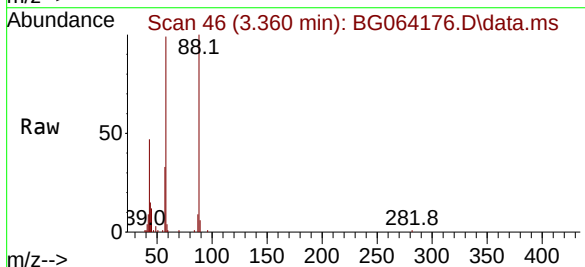
Manual Integrations  
APPROVED

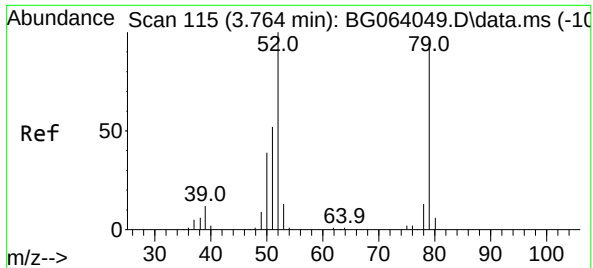
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#2  
1,4-Dioxane  
Concen: 30.125 ng  
RT: 3.360 min Scan# 46  
Delta R.T. -0.016 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

Tgt Ion: 88 Resp: 24747  
Ion Ratio Lower Upper  
88 100  
58 99.1 74.6 111.8  
43 55.5 35.5 53.3





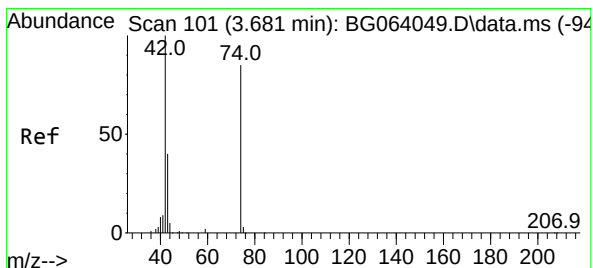
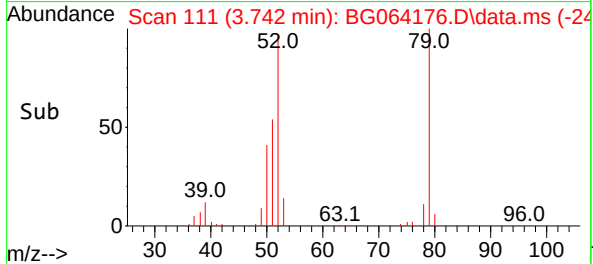
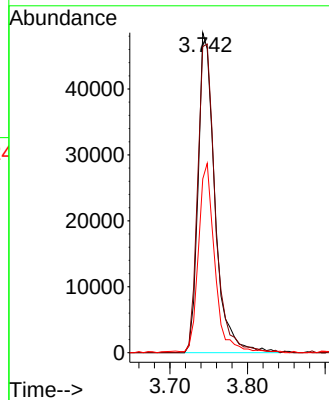
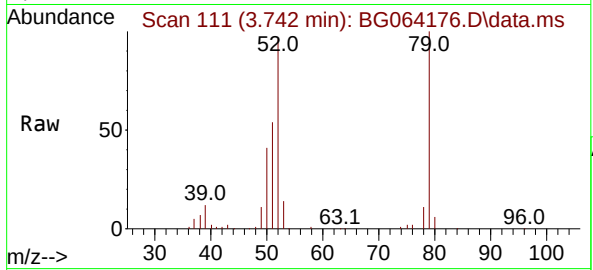
#3  
Pyridine  
Concen: 36.461 ng  
RT: 3.742 min Scan# 115  
Delta R.T. -0.021 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BSD

Tgt Ion: 79 Resp: 7284  
Ion Ratio Lower Upper  
79 100  
52 95.6 83.0 124.6  
51 54.3 44.3 66.5

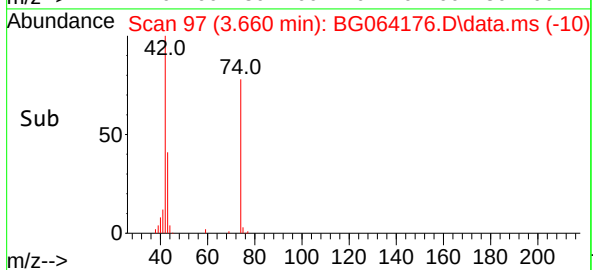
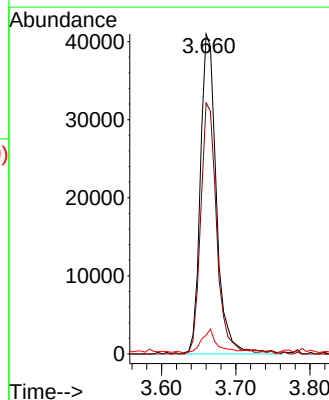
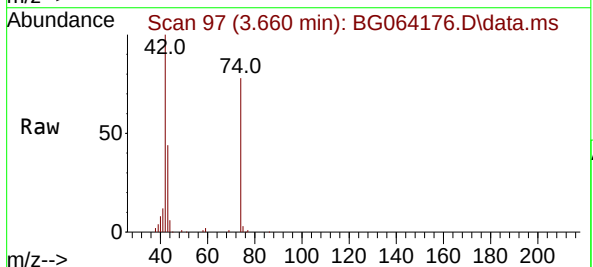
Manual Integrations  
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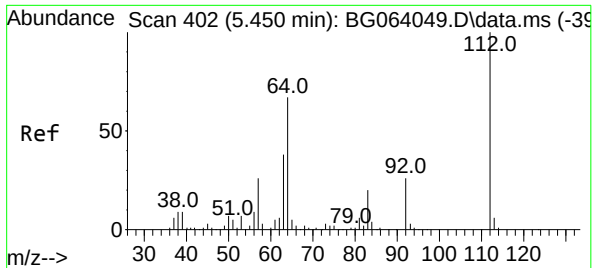
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#4  
n-Nitrosodimethylamine  
Concen: 43.108 ng  
RT: 3.660 min Scan# 97  
Delta R.T. -0.021 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

Tgt Ion: 42 Resp: 61533  
Ion Ratio Lower Upper  
42 100  
74 78.5 68.0 102.0  
44 5.9 4.9 7.3





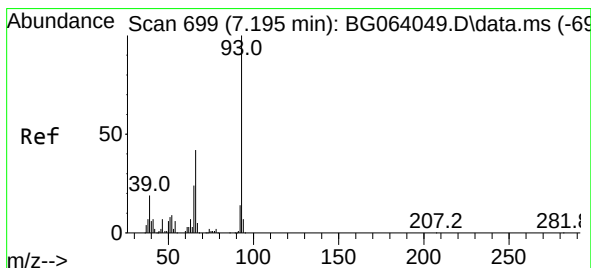
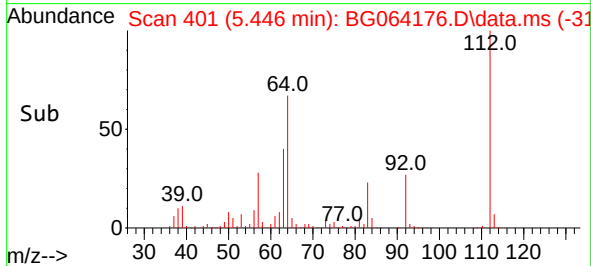
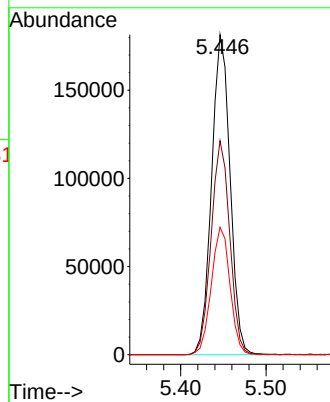
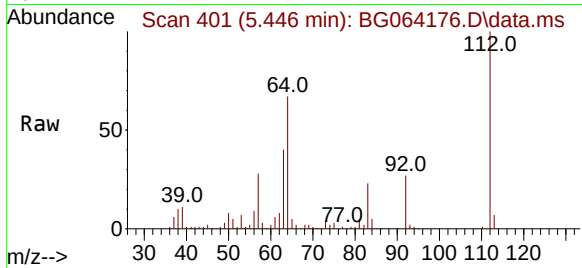
#5  
2-Fluorophenol  
Concen: 150.796 ng  
RT: 5.446 min Scan# 402  
Delta R.T. -0.004 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BSD

Tgt Ion:112 Resp: 27333  
Ion Ratio Lower Upper  
112 100  
64 66.8 53.7 80.5  
63 39.8 30.2 45.4

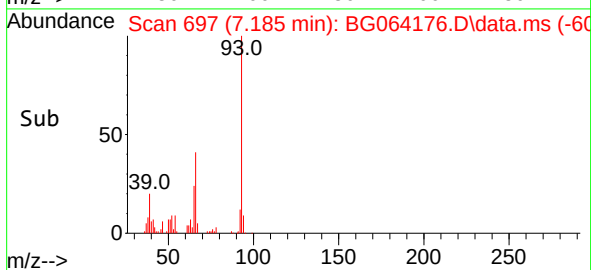
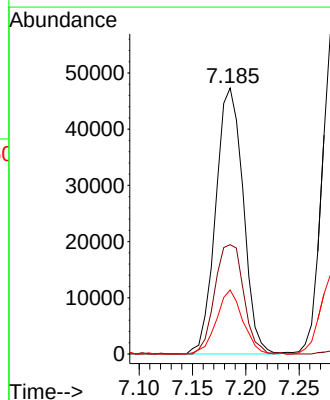
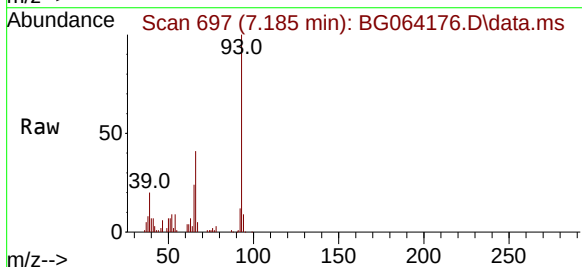
Manual Integrations  
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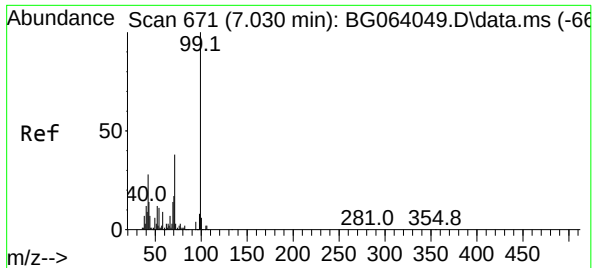
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#6  
Aniline  
Concen: 35.010 ng  
RT: 7.185 min Scan# 697  
Delta R.T. -0.010 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

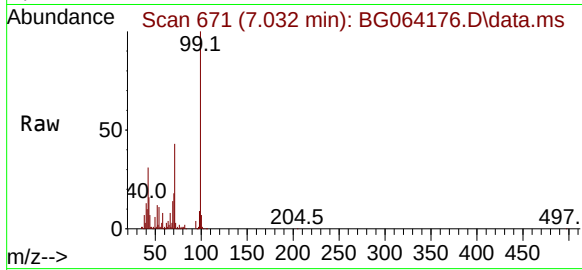
Tgt Ion: 93 Resp: 84711  
Ion Ratio Lower Upper  
93 100  
66 41.1 33.7 50.5  
65 24.0 19.1 28.7





#7  
Phenol-d6  
Concen: 147.566 ng  
RT: 7.032 min Scan# 61  
Delta R.T. 0.002 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

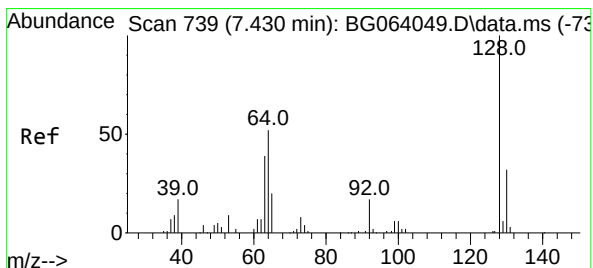
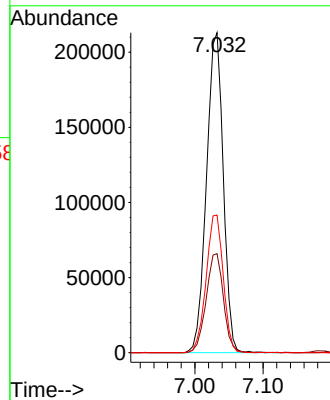
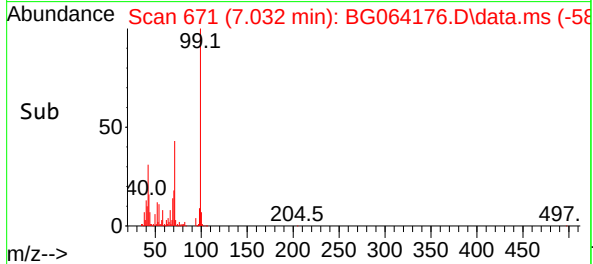
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BSD



Tgt Ion: 99 Resp: 363878  
Ion Ratio Lower Upper  
99 100  
42 30.9 22.7 34.1  
71 43.0 30.6 46.0

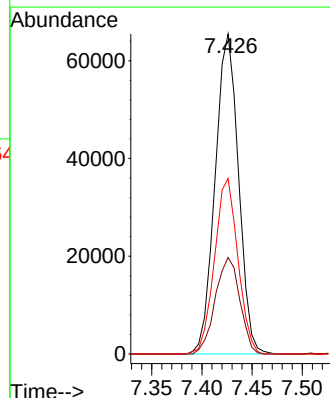
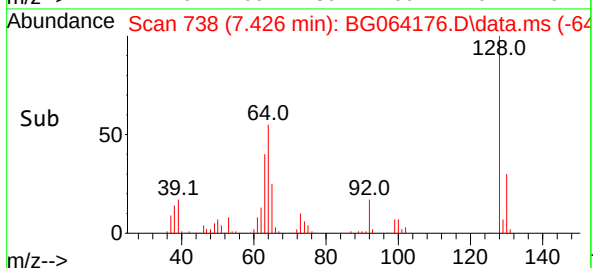
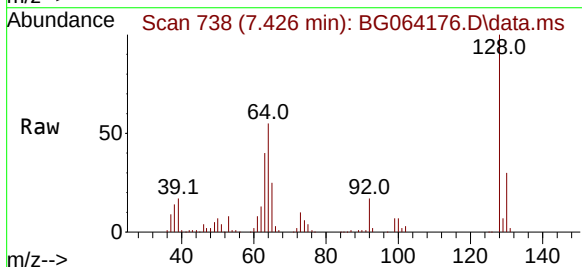
Manual Integrations  
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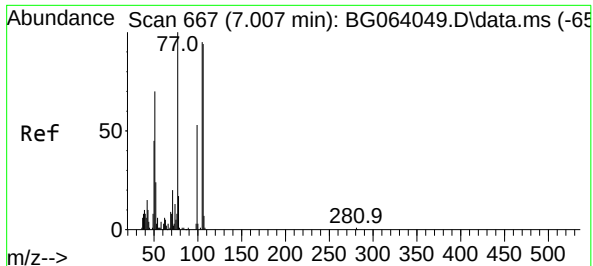
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#8  
2-Chlorophenol  
Concen: 54.465 ng  
RT: 7.426 min Scan# 738  
Delta R.T. -0.004 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

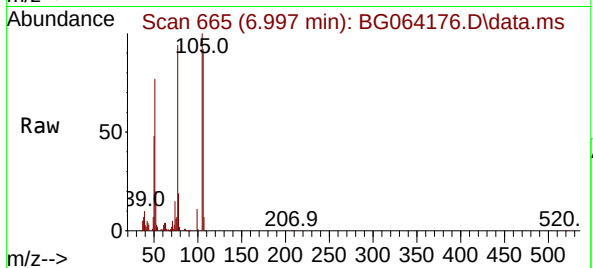
Tgt Ion:128 Resp: 106030  
Ion Ratio Lower Upper  
128 100  
130 30.1 12.3 52.3  
64 54.8 37.0 77.0





#9  
Benzaldehyde  
Concen: 40.303 ng  
RT: 6.997 min Scan# 665  
Delta R.T. -0.010 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

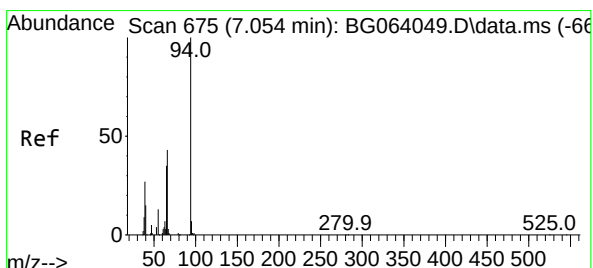
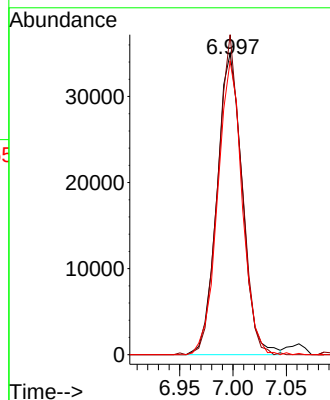
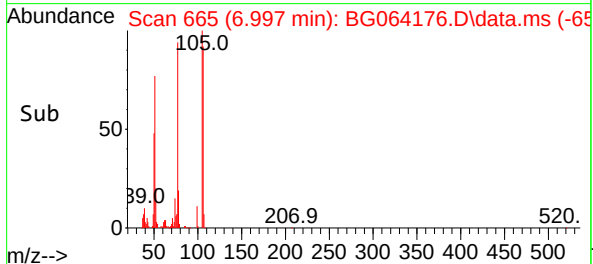
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BSD



Tgt Ion: 77 Resp: 5779  
Ion Ratio Lower Upper  
77 100  
105 106.2 75.5 115.5  
106 97.5 74.2 114.2

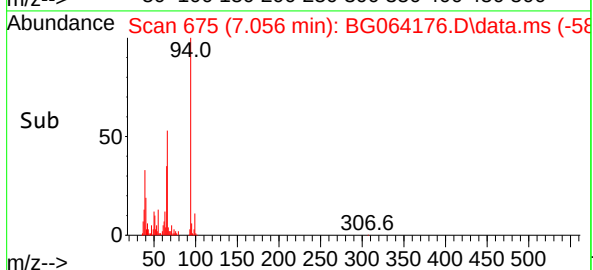
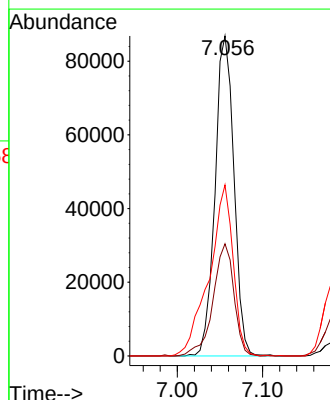
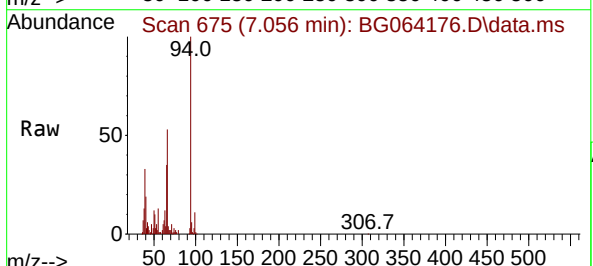
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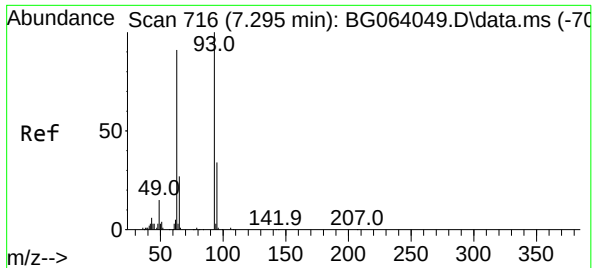
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#10  
Phenol  
Concen: 52.894 ng  
RT: 7.056 min Scan# 675  
Delta R.T. 0.002 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

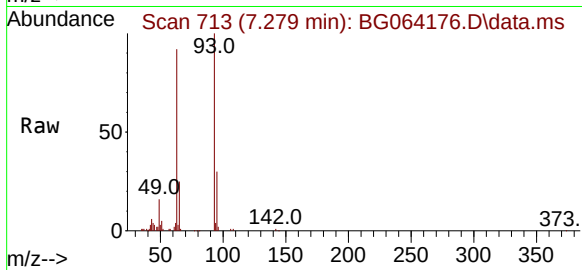
Tgt Ion: 94 Resp: 133538  
Ion Ratio Lower Upper  
94 100  
65 35.1 15.2 55.2  
66 53.4 25.1 65.1





#11  
bis(2-Chloroethyl)ether  
Concen: 44.791 ng  
RT: 7.279 min Scan# 716  
Delta R.T. -0.016 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

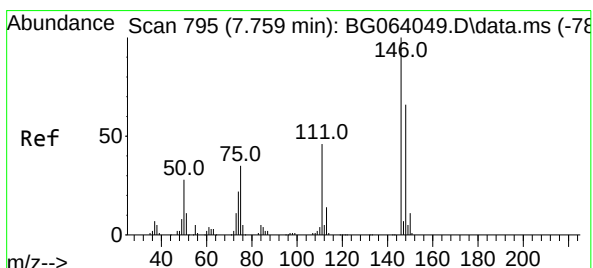
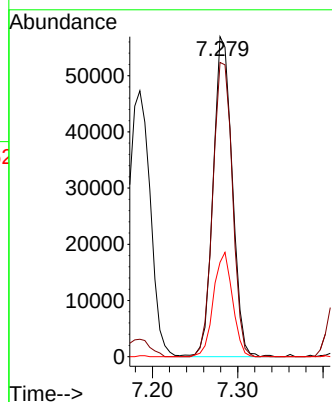
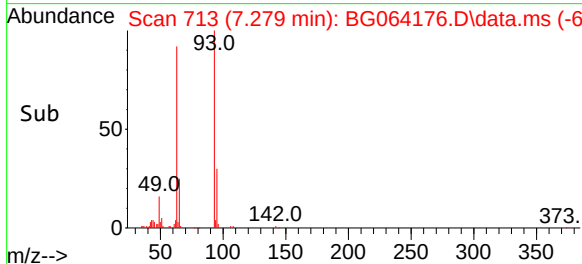
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BSD



Tgt Ion: 93 Resp: 88654  
Ion Ratio Lower Upper  
93 100  
63 92.0 70.0 110.0  
95 29.5 13.7 53.7

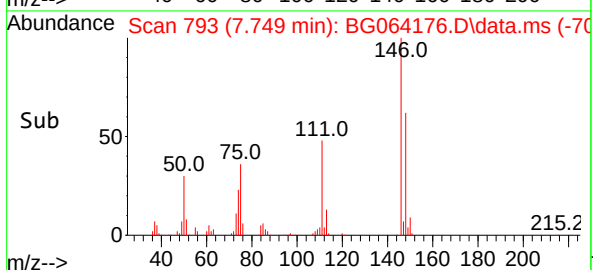
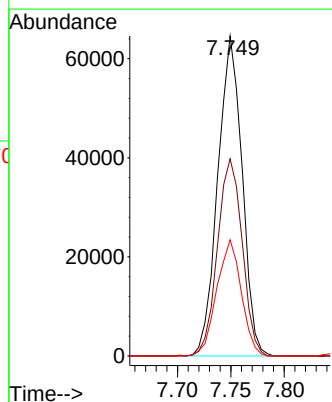
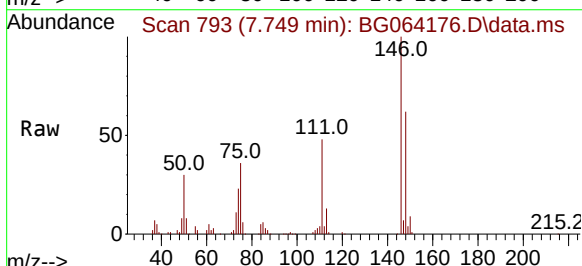
Manual Integrations  
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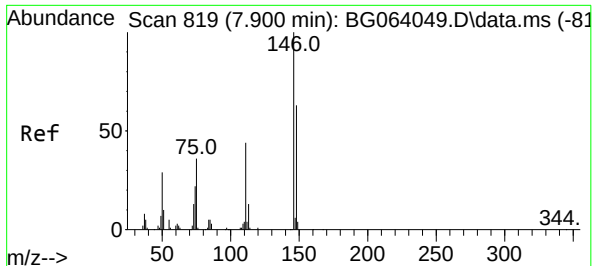
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#12  
1,3-Dichlorobenzene  
Concen: 47.850 ng  
RT: 7.749 min Scan# 793  
Delta R.T. -0.010 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

Tgt Ion:146 Resp: 102295  
Ion Ratio Lower Upper  
146 100  
148 61.6 52.6 78.8  
75 36.3 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 48.458 ng

RT: 7.896 min Scan# 81

Delta R.T. -0.004 min

Lab File: BG064176.D

Acq: 3 Apr 2025 21:19

Instrument :

BNA\_G

ClientSampleId :

PB167451BSD

Tgt Ion:146 Resp: 106184

Ion Ratio Lower Upper

146 100

148 66.9 50.6 75.8

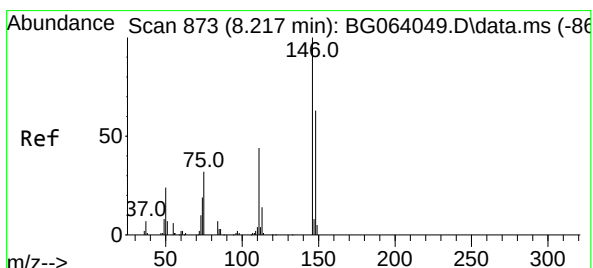
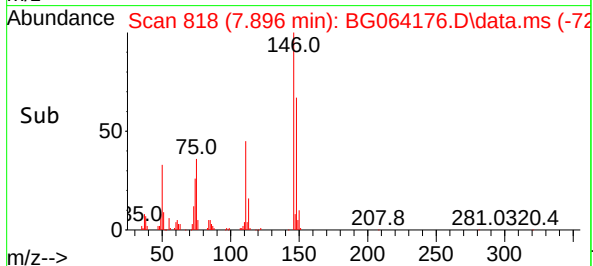
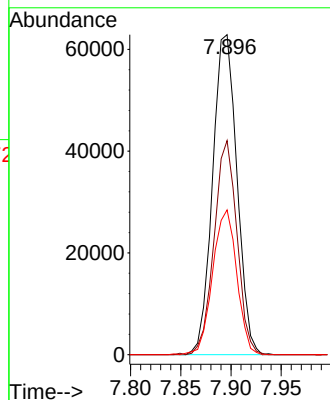
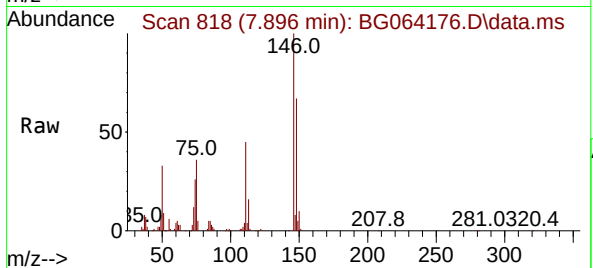
111 45.3 35.1 52.7

Manual Integrations

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Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#14

1,2-Dichlorobenzene

Concen: 48.980 ng

RT: 8.213 min Scan# 872

Delta R.T. -0.004 min

Lab File: BG064176.D

Acq: 3 Apr 2025 21:19

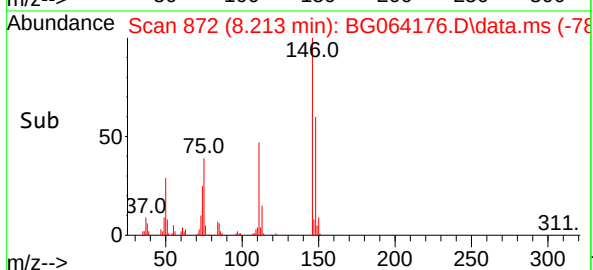
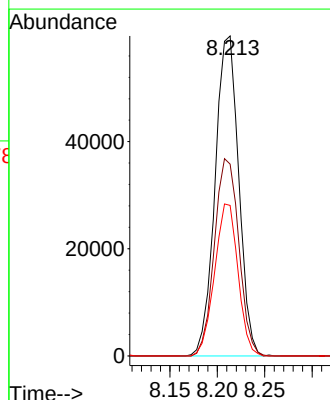
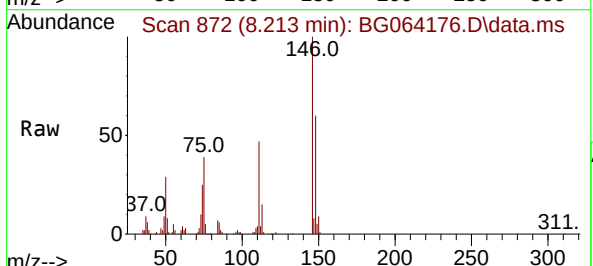
Tgt Ion:146 Resp: 103492

Ion Ratio Lower Upper

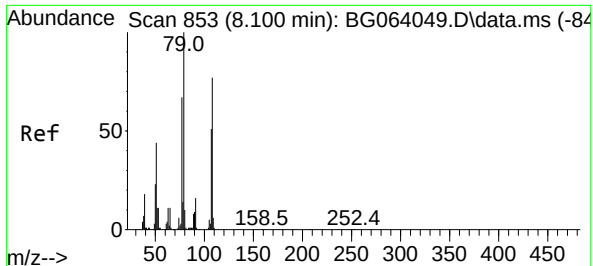
146 100

148 59.9 50.2 75.2

111 47.1 36.4 54.6







#15

Benzyl Alcohol

Concen: 56.870 ng

RT: 8.096 min Scan# 81

Delta R.T. -0.004 min

Lab File: BG064176.D

Acq: 3 Apr 2025 21:19

Instrument :

BNA\_G

ClientSampleId :

PB167451BSD

Tgt Ion: 79 Resp: 10836

Ion Ratio Lower Upper

79 100

108 66.5 61.7 92.5

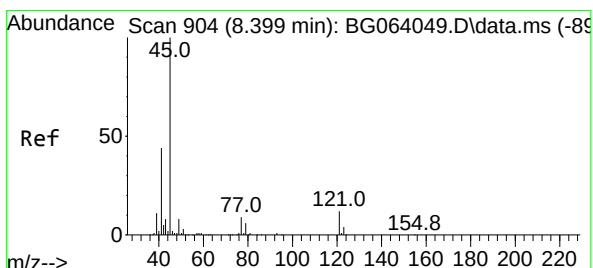
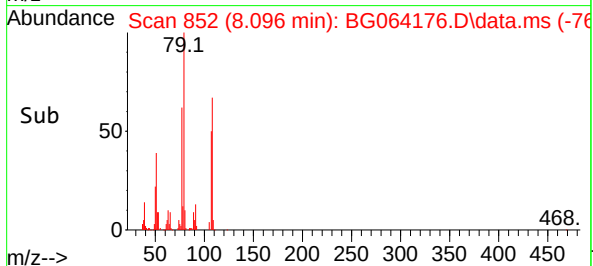
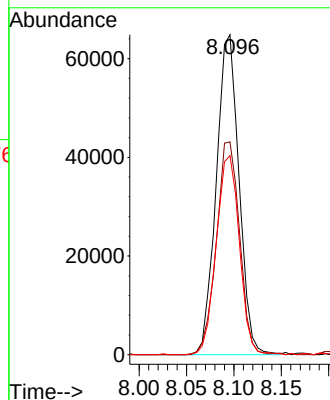
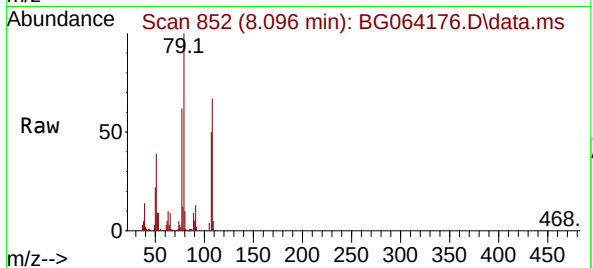
77 62.2 53.9 80.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.830 ng

RT: 8.390 min Scan# 902

Delta R.T. -0.010 min

Lab File: BG064176.D

Acq: 3 Apr 2025 21:19

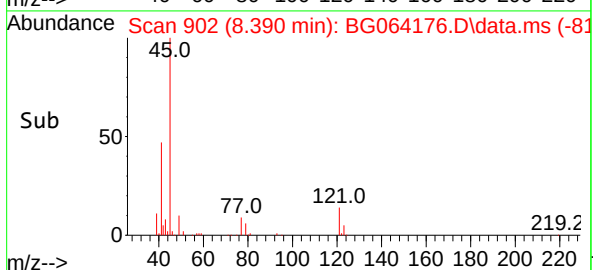
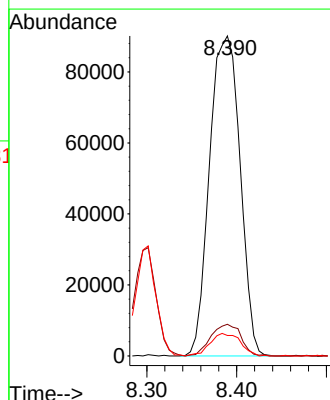
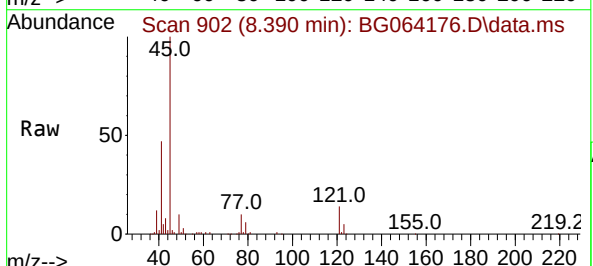
Tgt Ion: 45 Resp: 212871

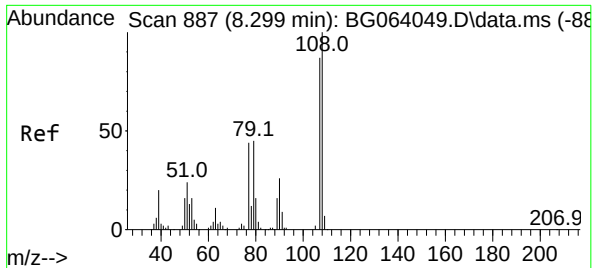
Ion Ratio Lower Upper

45 100

77 9.9 0.0 29.0

79 6.4 0.0 26.6





#17

2-Methylphenol

Concen: 56.856 ng

RT: 8.296 min Scan# 887

Delta R.T. -0.004 min

Lab File: BG064176.D

Acq: 3 Apr 2025 21:19

Instrument :

BNA\_G

ClientSampleId :

PB167451BSD

Tgt Ion:107 Resp: 9526

Ion Ratio Lower Upper

107 100

108 109.4 92.5 138.7

77 51.5 40.5 60.7

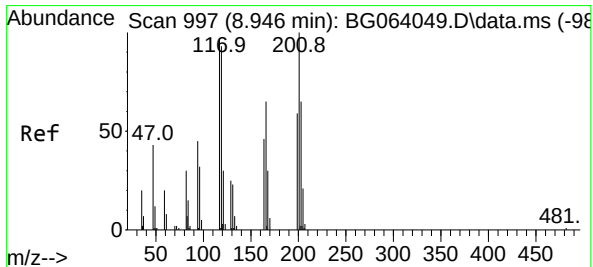
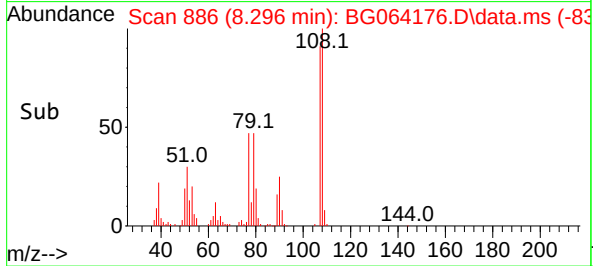
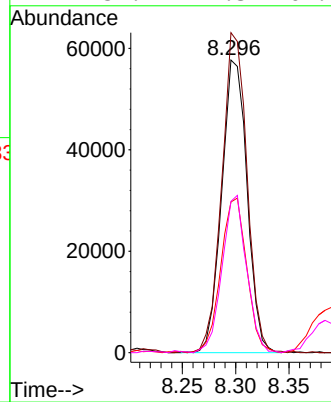
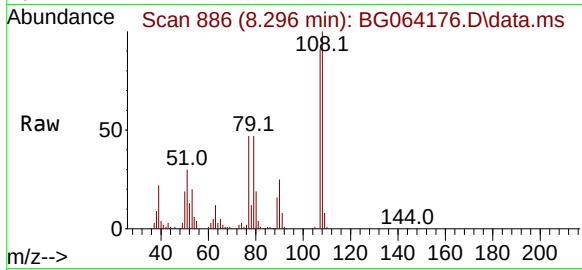
79 51.7 41.3 61.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#18

Hexachloroethane

Concen: 53.731 ng

RT: 8.936 min Scan# 995

Delta R.T. -0.010 min

Lab File: BG064176.D

Acq: 3 Apr 2025 21:19

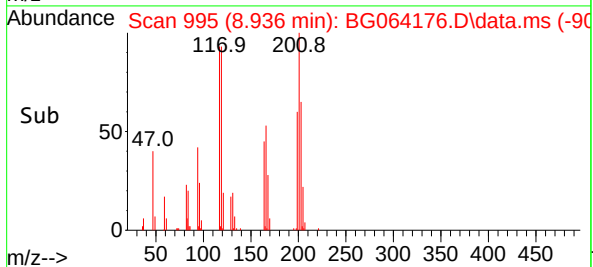
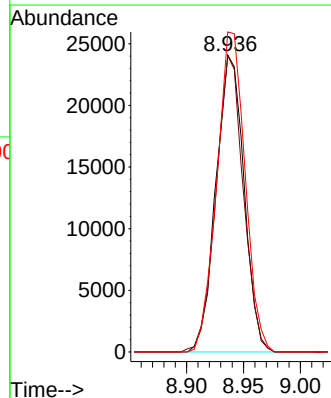
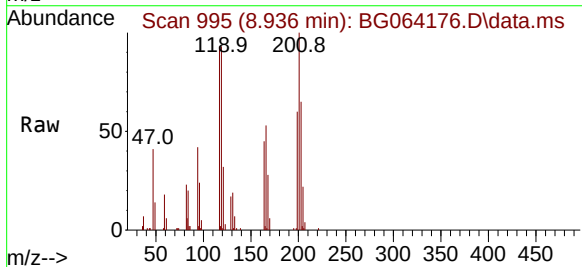
Tgt Ion:117 Resp: 41193

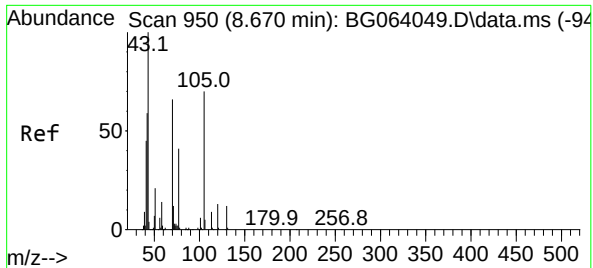
Ion Ratio Lower Upper

117 100

119 99.7 76.2 114.2

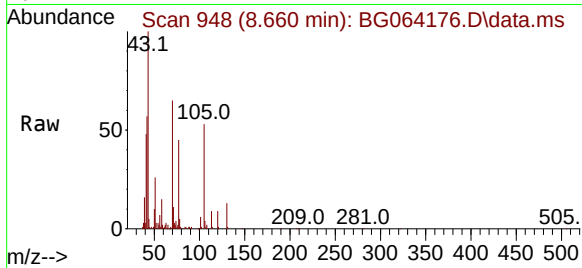
201 107.8 81.5 122.3





#19  
n-Nitroso-di-n-propylamine  
Concen: 50.122 ng  
RT: 8.660 min Scan# 948  
Delta R.T. -0.010 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

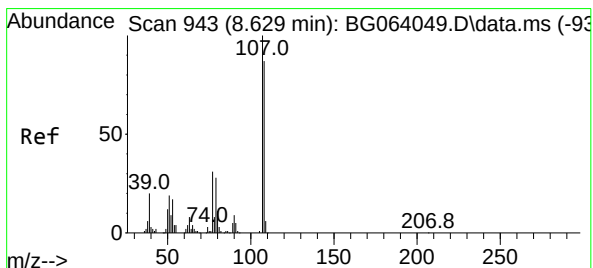
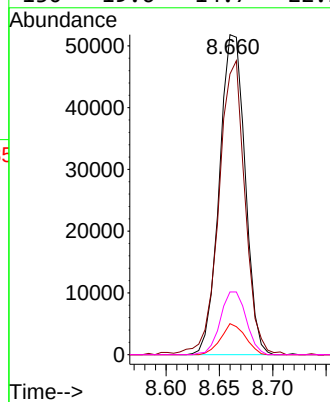
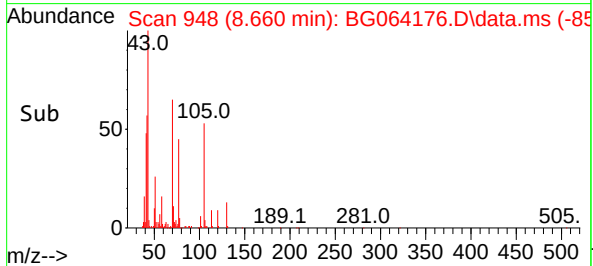
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BSD



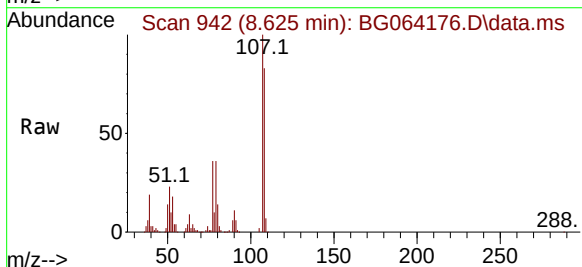
Tgt Ion: 70 Resp: 86738  
Ion Ratio Lower Upper  
70 100  
42 87.7 72.1 108.1  
101 9.7 7.2 10.8  
130 19.6 14.7 22.1

Manual Integrations  
APPROVED

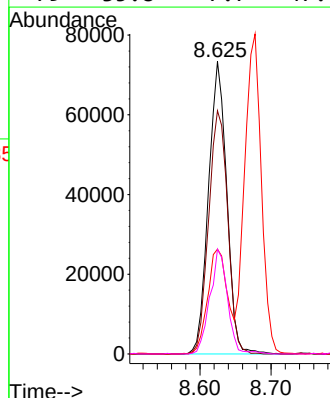
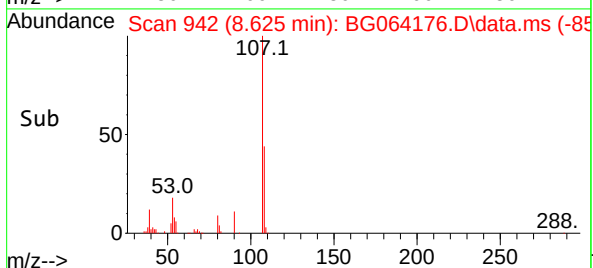
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025

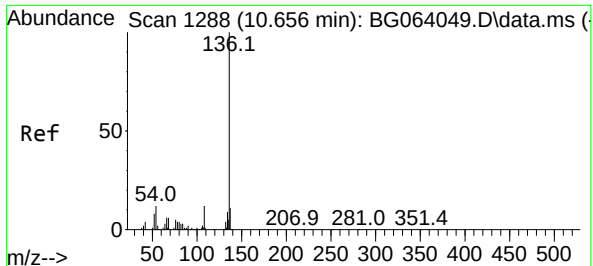


#20  
3+4-Methylphenols  
Concen: 56.786 ng  
RT: 8.625 min Scan# 942  
Delta R.T. -0.004 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19



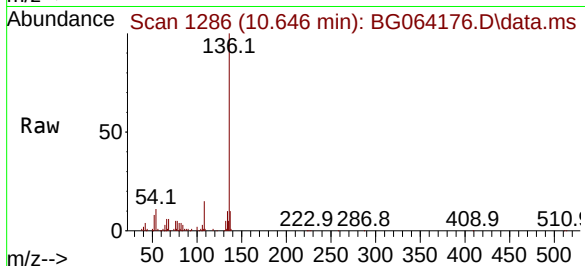
Tgt Ion:107 Resp: 130993  
Ion Ratio Lower Upper  
107 100  
108 83.2 67.0 107.0  
77 35.8 11.2 51.2  
79 35.8 7.7 47.7





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.646 min Scan# 1286  
Delta R.T. -0.010 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

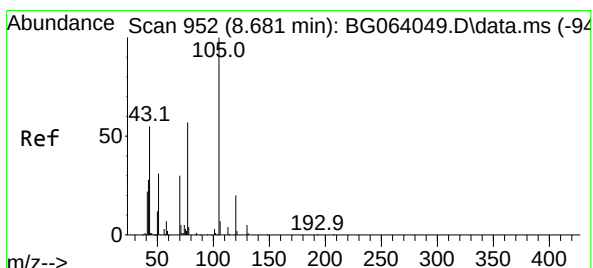
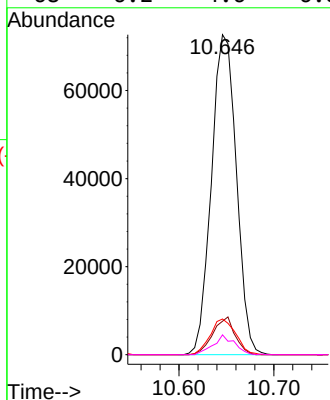
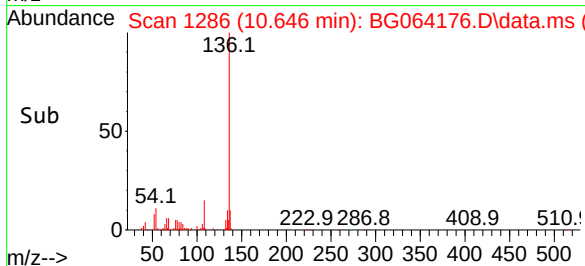
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BSD



Tgt Ion:136 Resp: 133092  
Ion Ratio Lower Upper  
136 100  
137 10.5 8.5 12.7  
54 11.1 9.9 14.9  
68 6.2 4.6 6.8

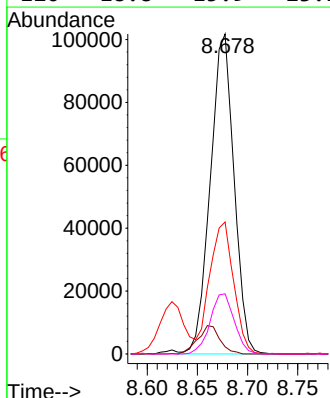
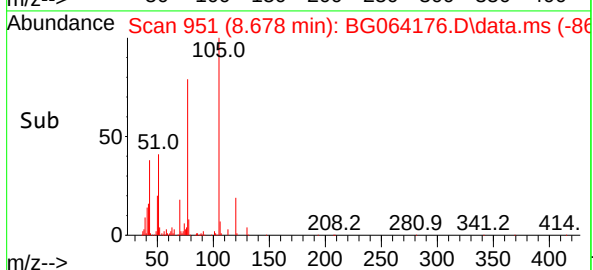
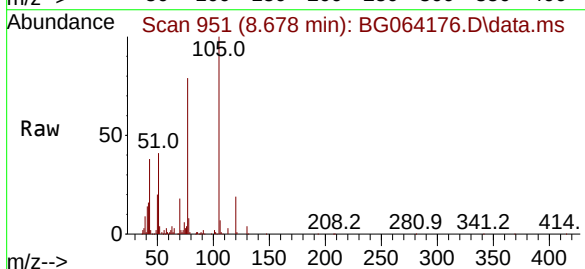
Manual Integrations  
APPROVED

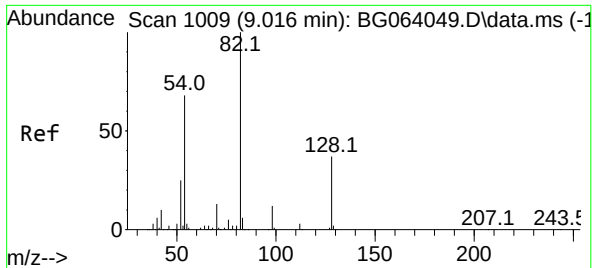
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#22  
Acetophenone  
Concen: 45.817 ng  
RT: 8.678 min Scan# 951  
Delta R.T. -0.004 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

Tgt Ion:105 Resp: 167191  
Ion Ratio Lower Upper  
105 100  
71 2.2 4.2 6.4#  
51 41.2 33.3 49.9  
120 18.8 15.9 23.9





#23

Nitrobenzene-d5

Concen: 105.694 ng

RT: 9.012 min Scan# 1008

Delta R.T. -0.004 min

Lab File: BG064176.D

Acq: 3 Apr 2025 21:19

Instrument :

BNA\_G

ClientSampleId :

PB167451BSD

Tgt Ion: 82 Resp: 25455

Ion Ratio Lower Upper

82 100

128 40.3 30.0 45.0

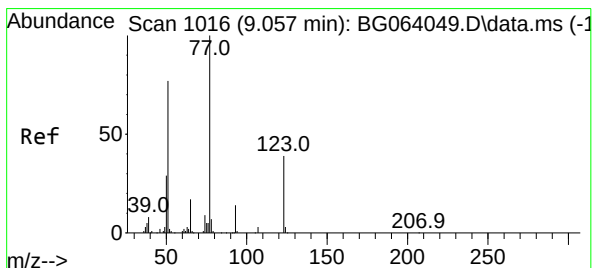
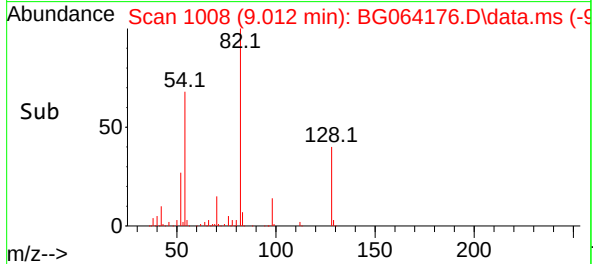
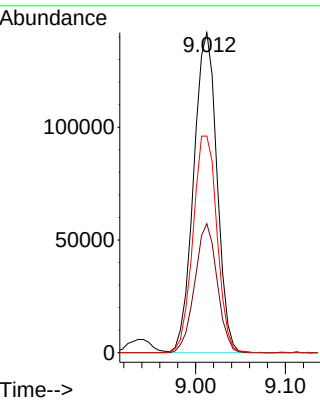
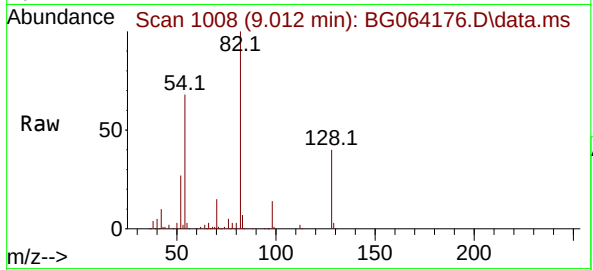
54 67.7 54.7 82.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#24

Nitrobenzene

Concen: 52.565 ng

RT: 9.054 min Scan# 1015

Delta R.T. -0.004 min

Lab File: BG064176.D

Acq: 3 Apr 2025 21:19

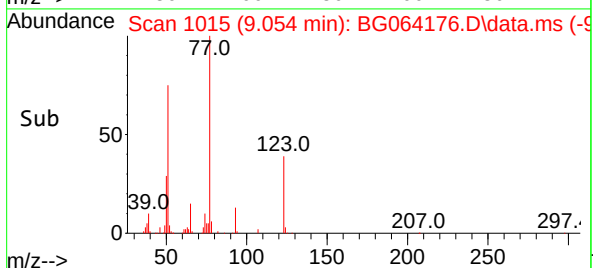
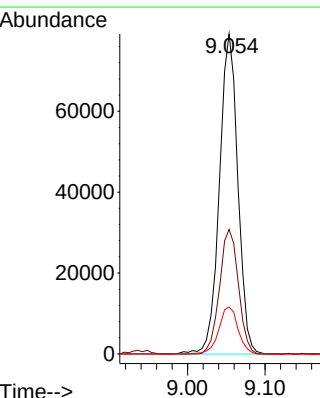
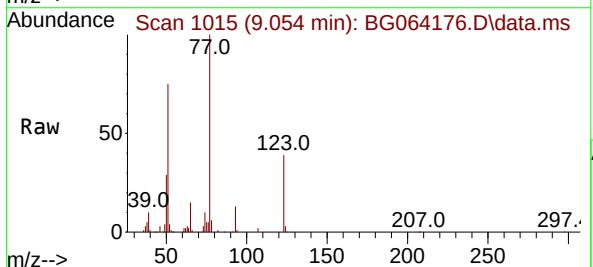
Tgt Ion: 77 Resp: 130832

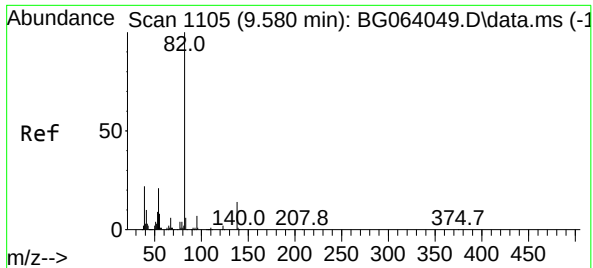
Ion Ratio Lower Upper

77 100

123 38.9 31.4 47.2

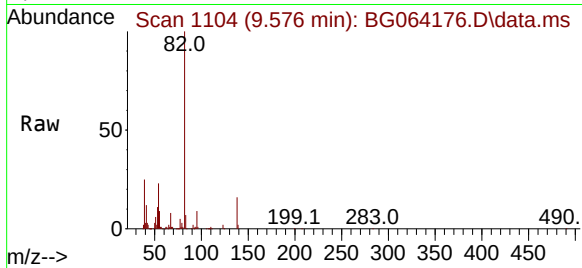
65 14.7 13.4 20.0





#25  
Isophorone  
Concen: 49.530 ng  
RT: 9.576 min Scan# 1104  
Delta R.T. -0.004 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

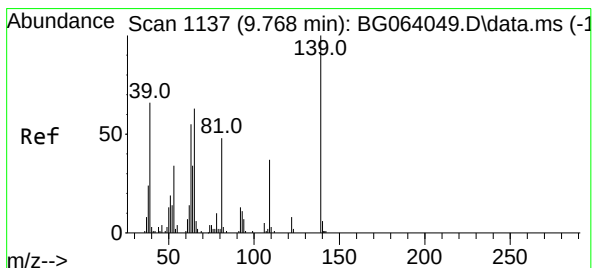
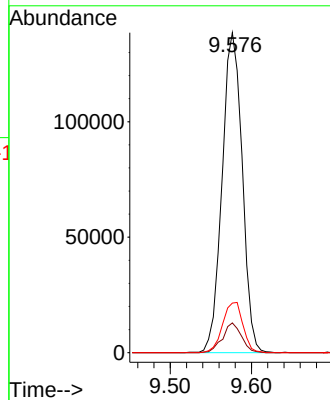
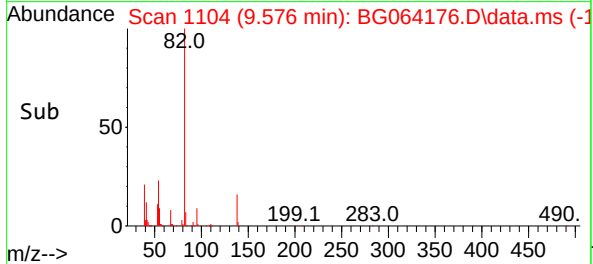
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BSD



Tgt Ion: 82 Resp: 238760  
Ion Ratio Lower Upper  
82 100  
95 9.3 5.8 8.8  
138 15.5 10.9 16.3

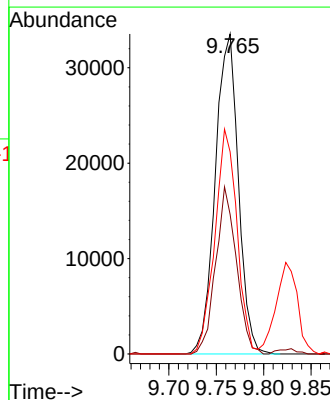
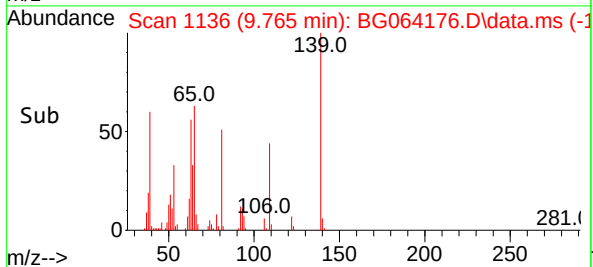
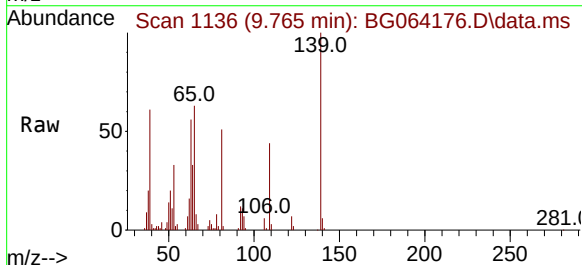
Manual Integrations  
APPROVED

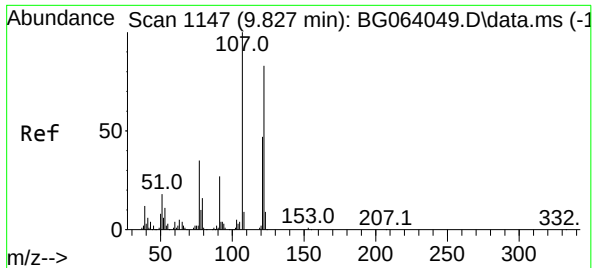
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#26  
2-Nitrophenol  
Concen: 61.899 ng  
RT: 9.765 min Scan# 1136  
Delta R.T. -0.004 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

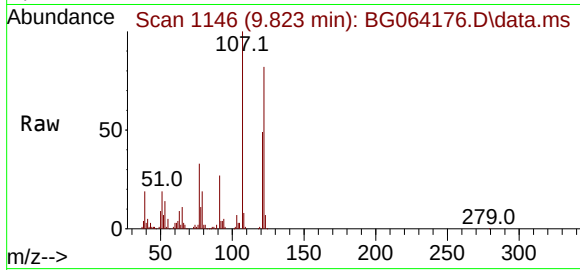
Tgt Ion:139 Resp: 56784  
Ion Ratio Lower Upper  
139 100  
109 43.6 29.9 44.9  
65 63.2 50.6 76.0





#27  
2,4-Dimethylphenol  
Concen: 76.574 ng  
RT: 9.823 min Scan# 1146  
Delta R.T. -0.004 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

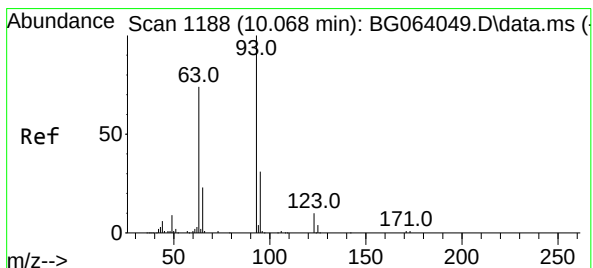
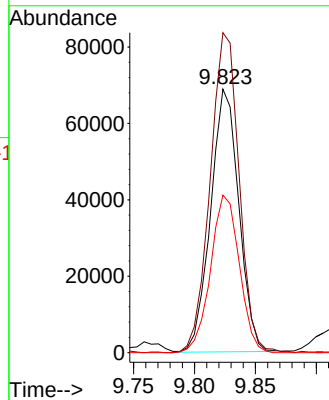
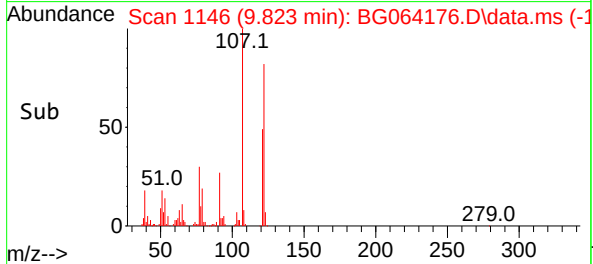
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BSD



Tgt Ion:122 Resp: 11065  
Ion Ratio Lower Upper  
122 100  
107 121.4 95.4 143.0  
121 59.8 44.9 67.3

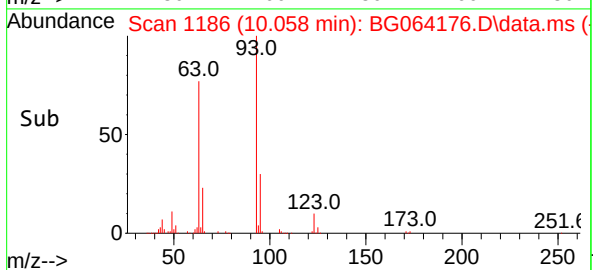
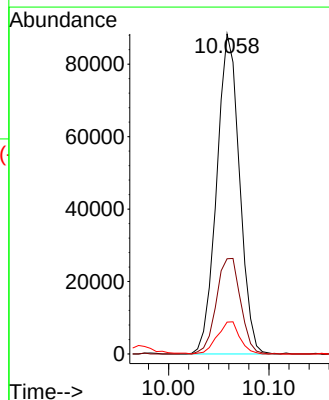
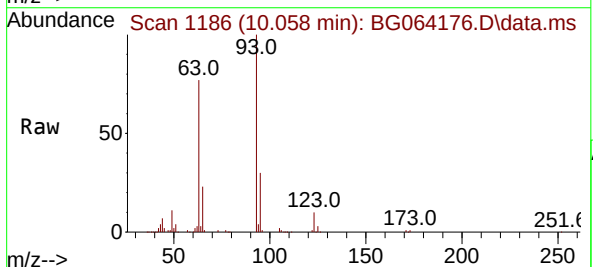
Manual Integrations  
APPROVED

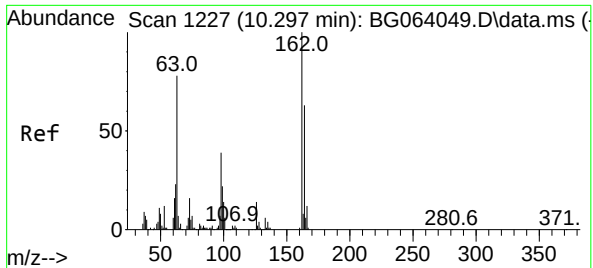
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#28  
bis(2-Chloroethoxy)methane  
Concen: 47.697 ng  
RT: 10.058 min Scan# 1186  
Delta R.T. -0.010 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

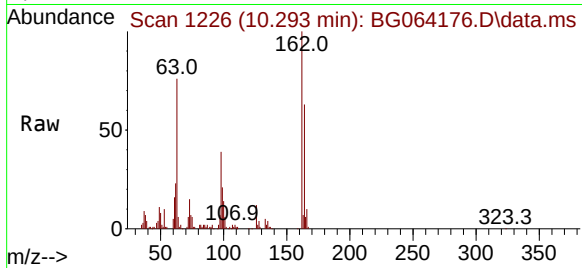
Tgt Ion: 93 Resp: 139396  
Ion Ratio Lower Upper  
93 100  
95 29.7 25.0 37.4  
123 9.9 7.6 11.4





#29  
2,4-Dichlorophenol  
Concen: 58.183 ng  
RT: 10.293 min Scan# 1226  
Delta R.T. -0.004 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

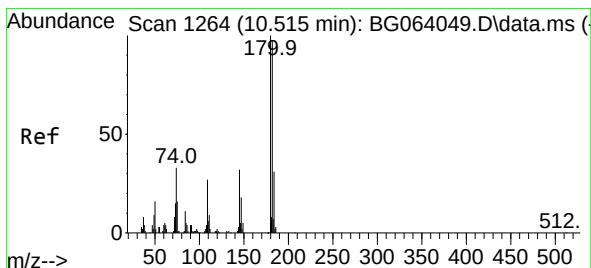
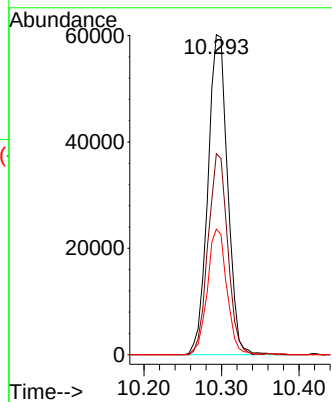
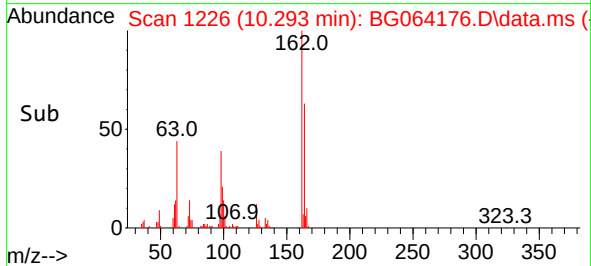
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BSD



Tgt Ion:162 Resp: 106169  
Ion Ratio Lower Upper  
162 100  
164 62.8 42.8 82.8  
98 39.2 19.1 59.1

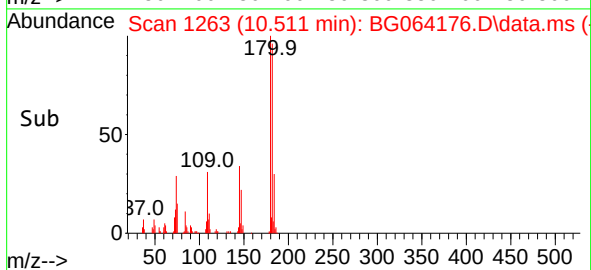
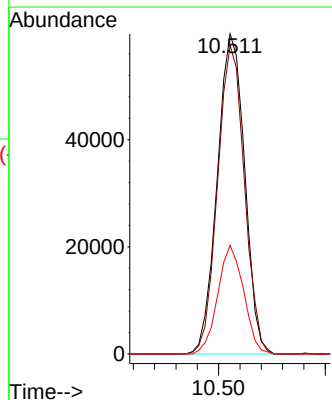
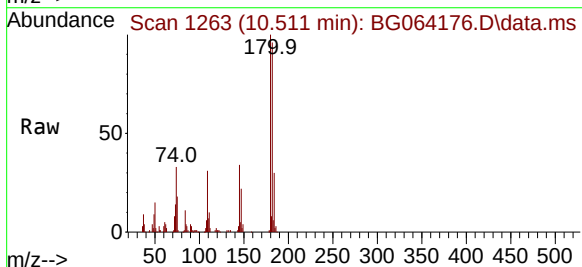
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025

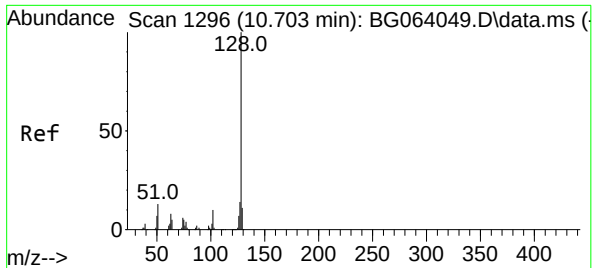


#30  
1,2,4-Trichlorobenzene  
Concen: 48.218 ng  
RT: 10.511 min Scan# 1263  
Delta R.T. -0.004 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

Tgt Ion:180 Resp: 106216  
Ion Ratio Lower Upper  
180 100  
182 96.5 77.3 115.9  
145 33.9 25.2 37.8

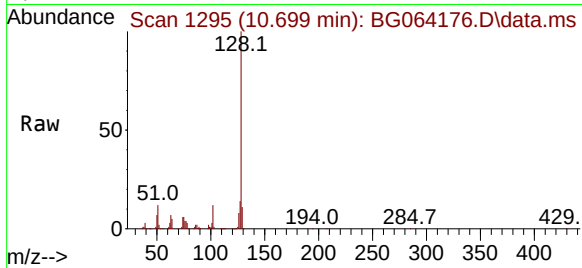






#31  
Naphthalene  
Concen: 47.063 ng  
RT: 10.699 min Scan# 1295  
Delta R.T. -0.004 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

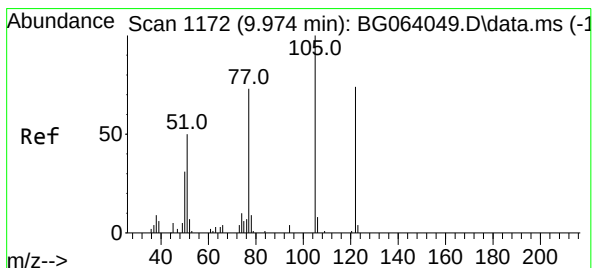
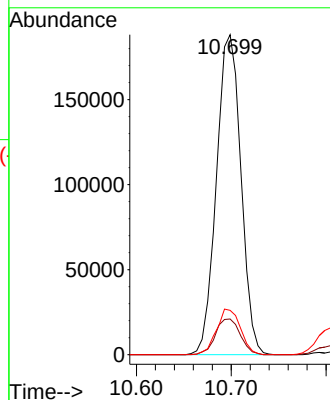
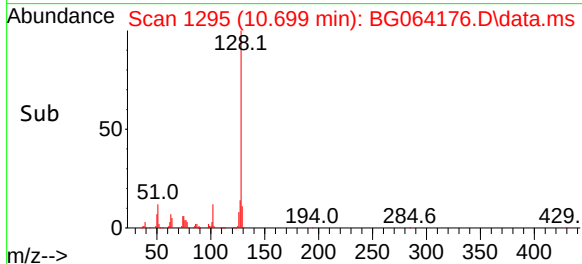
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BSD



Tgt Ion:128 Resp: 337750  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.4 12.6  
127 13.8 11.1 16.7

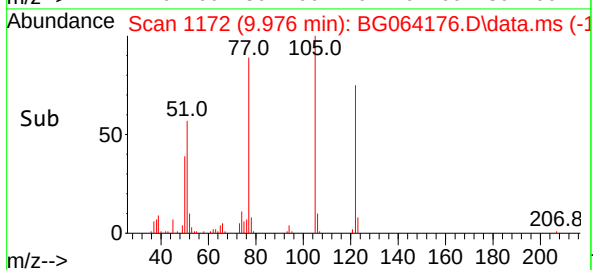
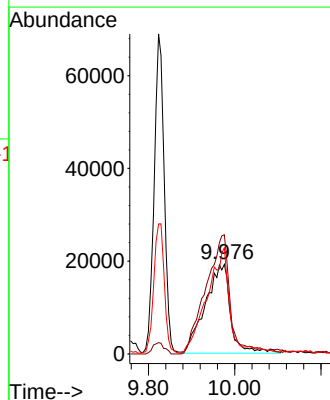
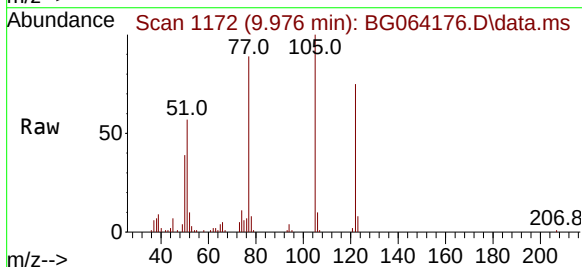
Manual Integrations  
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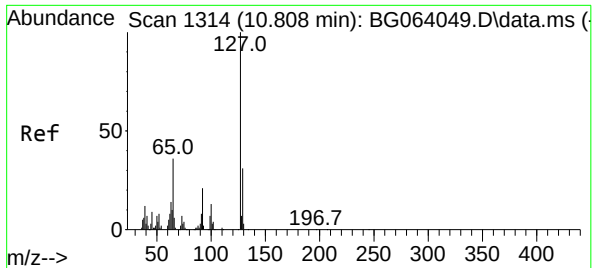
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#32  
Benzoic acid  
Concen: 56.926 ng m  
RT: 9.976 min Scan# 1172  
Delta R.T. 0.002 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

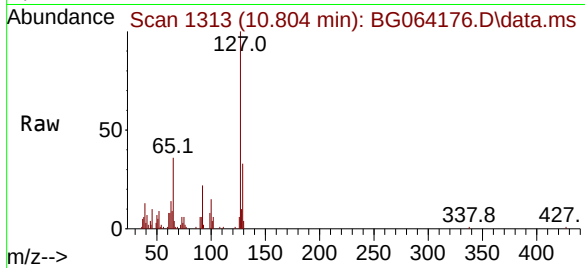
Tgt Ion:122 Resp: 78160  
Ion Ratio Lower Upper  
122 100  
105 132.9 115.0 155.0  
77 118.3 80.9 120.9





#33  
4-Chloroaniline  
Concen: 11.418 ng  
RT: 10.804 min Scan# 1314  
Delta R.T. -0.004 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

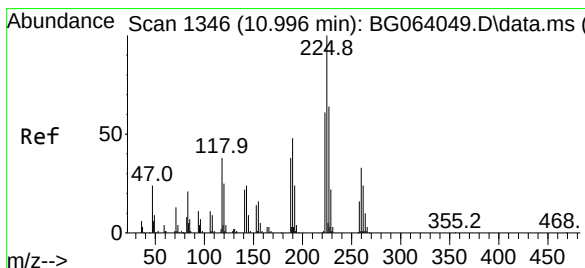
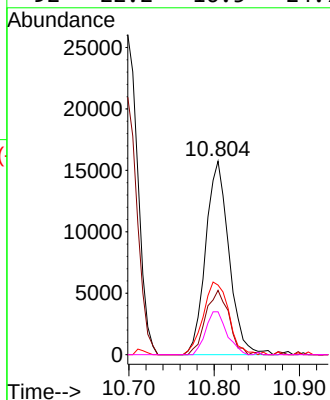
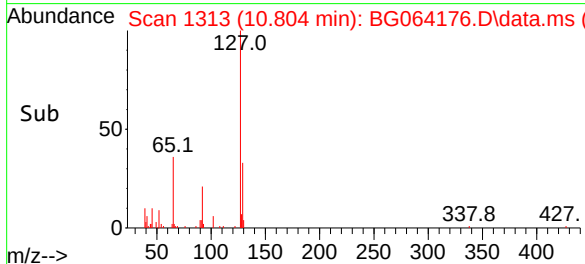
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BSD



Tgt Ion:127 Resp: 29950  
Ion Ratio Lower Upper  
127 100  
129 33.3 25.0 37.4  
65 36.0 28.5 42.7  
92 22.2 16.5 24.7

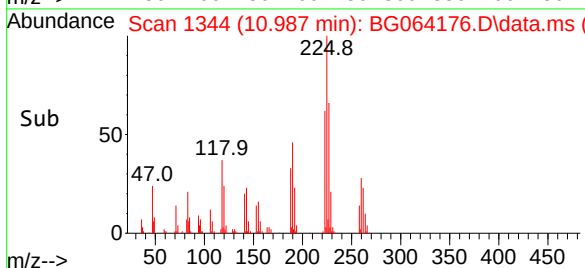
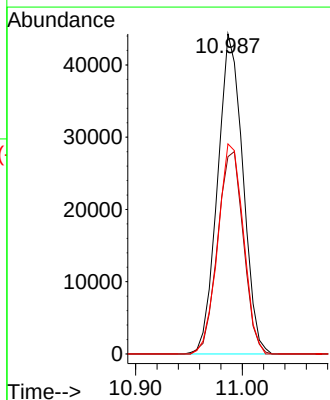
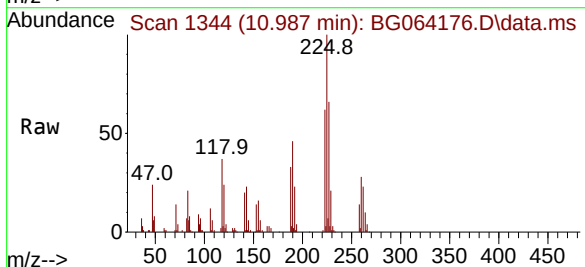
Manual Integrations  
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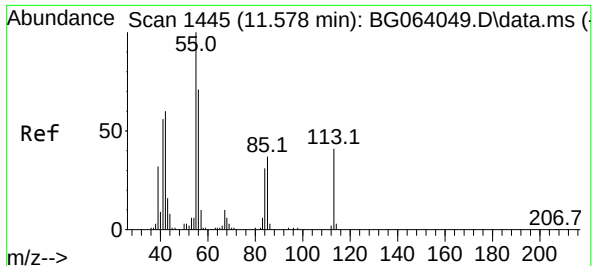
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#34  
Hexachlorobutadiene  
Concen: 50.477 ng  
RT: 10.987 min Scan# 1344  
Delta R.T. -0.010 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

Tgt Ion:225 Resp: 72881  
Ion Ratio Lower Upper  
225 100  
223 64.5 48.5 72.7  
227 65.6 51.0 76.6





#35

Caprolactam

Concen: 58.099 ng m

RT: 11.574 min Scan# 1445

Delta R.T. -0.004 min

Lab File: BG064176.D

Acq: 3 Apr 2025 21:19

Instrument :

BNA\_G

ClientSampleId :

PB167451BSD

Tgt Ion:113 Resp: 4062

Ion Ratio Lower Upper

113 100

55 232.0 225.2 265.2

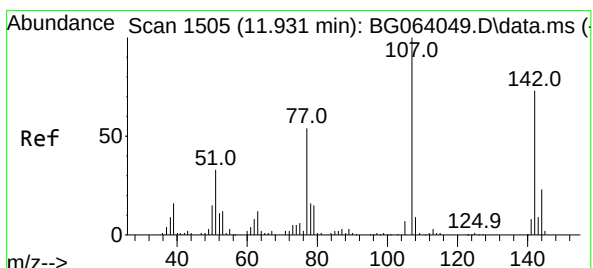
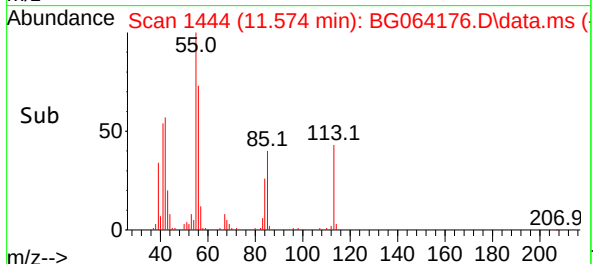
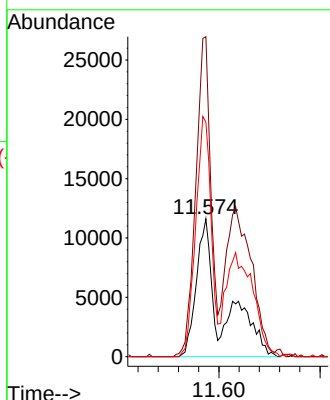
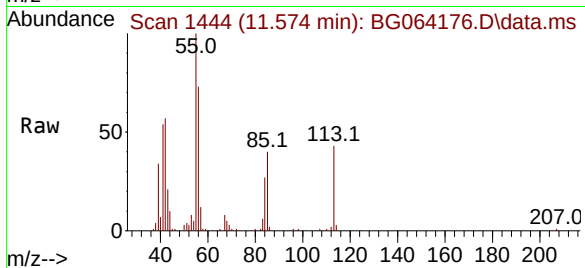
56 170.2 153.4 193.4

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Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#36

4-Chloro-3-methylphenol

Concen: 57.973 ng

RT: 11.933 min Scan# 1505

Delta R.T. 0.002 min

Lab File: BG064176.D

Acq: 3 Apr 2025 21:19

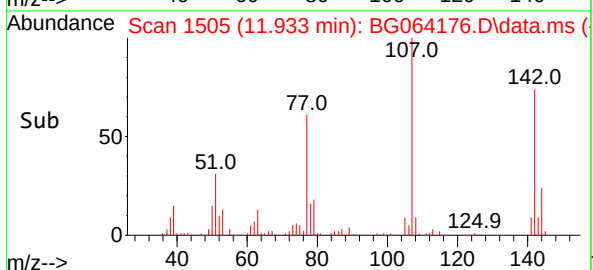
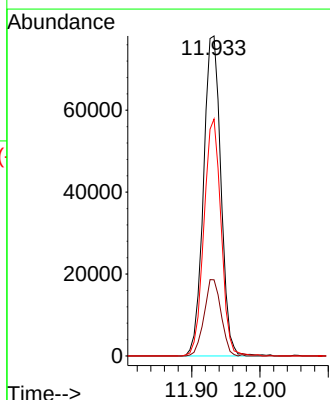
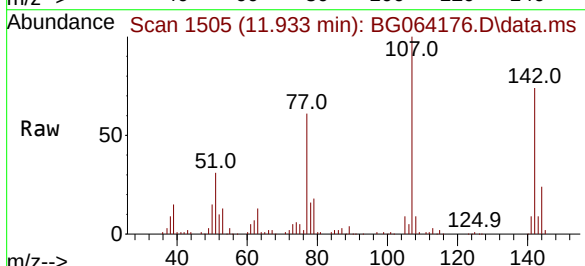
Tgt Ion:107 Resp: 138667

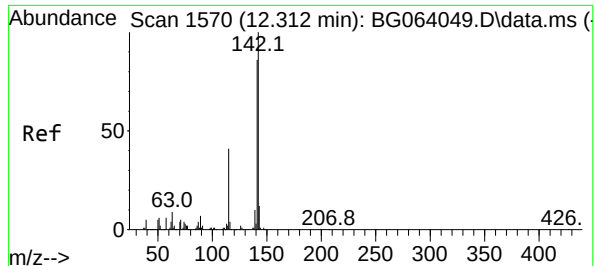
Ion Ratio Lower Upper

107 100

144 23.8 18.6 28.0

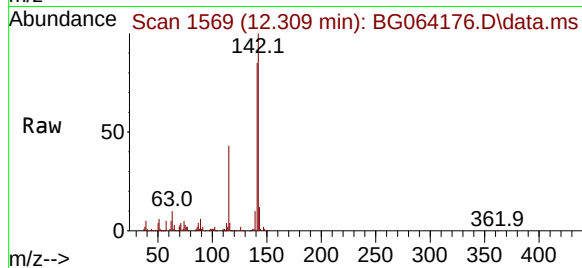
142 74.0 58.0 87.0





#37  
2-Methylnaphthalene  
Concen: 45.707 ng  
RT: 12.309 min Scan# 1569  
Delta R.T. -0.004 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

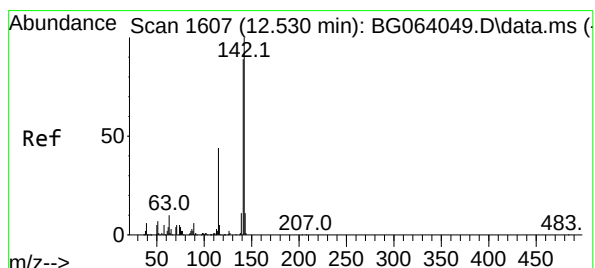
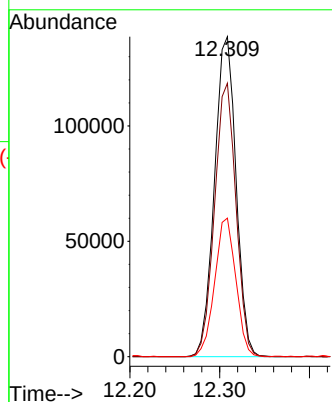
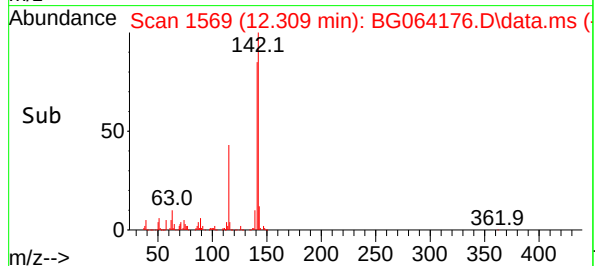
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BSD



Tgt Ion:142 Resp: 23157  
Ion Ratio Lower Upper  
142 100  
141 85.4 68.6 103.0  
115 43.3 32.8 49.2

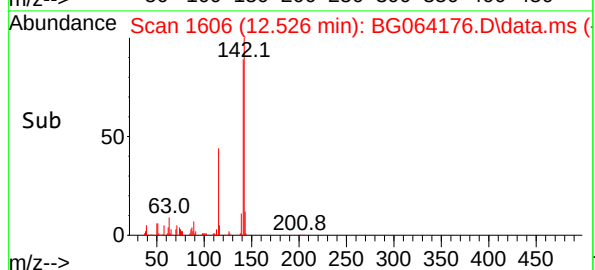
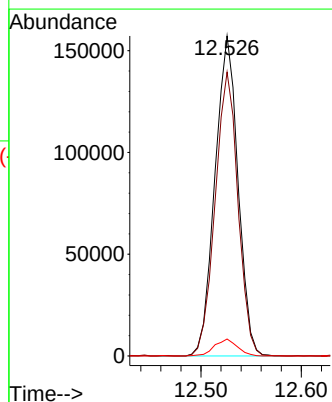
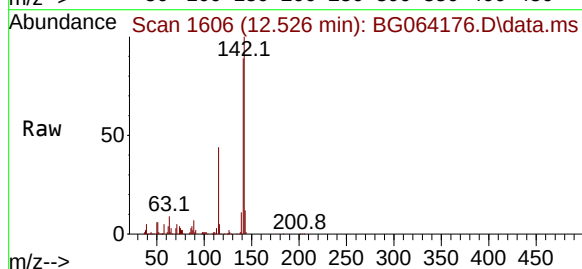
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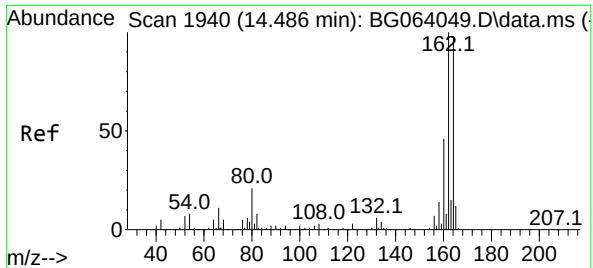
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#38  
1-Methylnaphthalene  
Concen: 50.490 ng  
RT: 12.526 min Scan# 1606  
Delta R.T. -0.004 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

Tgt Ion:142 Resp: 250615  
Ion Ratio Lower Upper  
142 100  
141 88.7 71.2 106.8  
116 5.3 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.483 min Scan# 1940

Delta R.T. -0.003 min

Lab File: BG064176.D

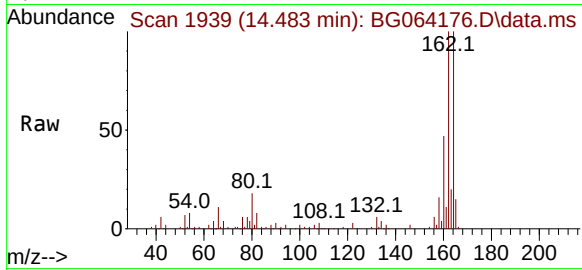
Acq: 3 Apr 2025 21:19

Instrument :

BNA\_G

ClientSampleId :

PB167451BSD



Tgt Ion:164 Resp: 102019

Ion Ratio Lower Upper

164 100

162 99.7 81.4 122.0

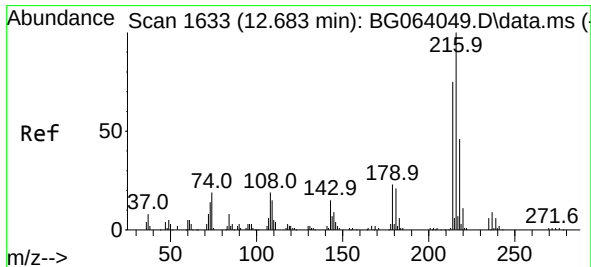
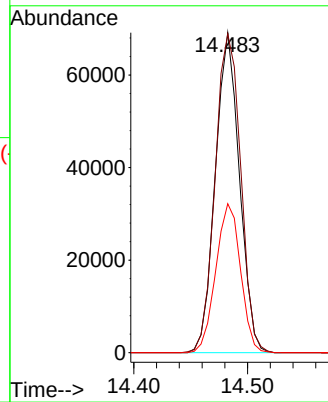
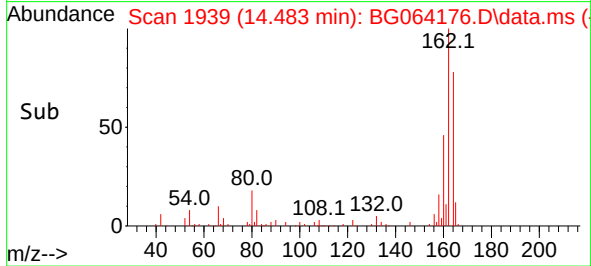
160 46.5 37.0 55.6

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Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#40

1,2,4,5-Tetrachlorobenzene

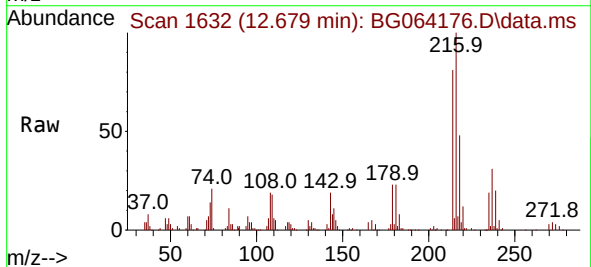
Concen: 45.643 ng

RT: 12.679 min Scan# 1632

Delta R.T. -0.004 min

Lab File: BG064176.D

Acq: 3 Apr 2025 21:19



Tgt Ion:216 Resp: 132937

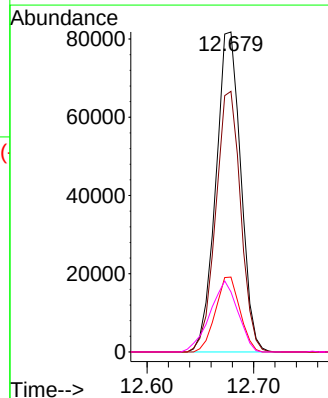
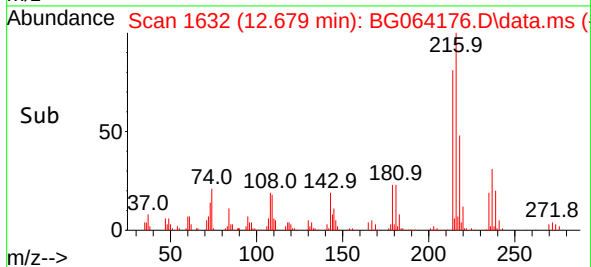
Ion Ratio Lower Upper

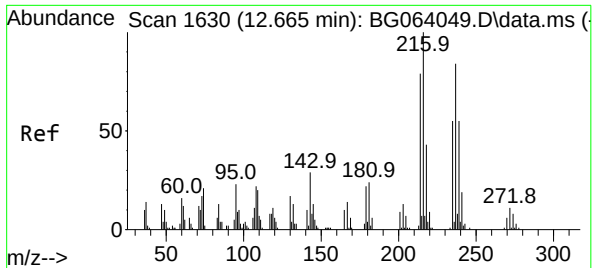
216 100

214 81.3 61.7 92.5

179 23.0 17.9 26.9

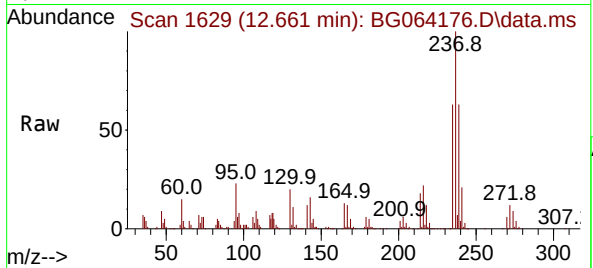
108 24.8 15.9 23.9#





#41  
Hexachlorocyclopentadiene  
Concen: 252.595 ng  
RT: 12.661 min Scan# 1629  
Delta R.T. -0.004 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

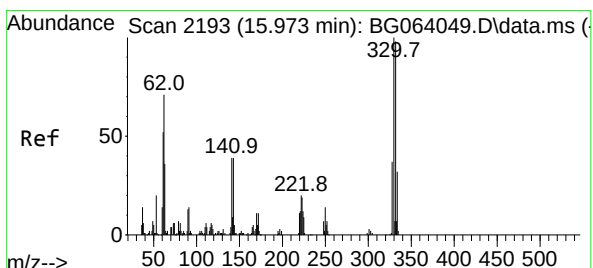
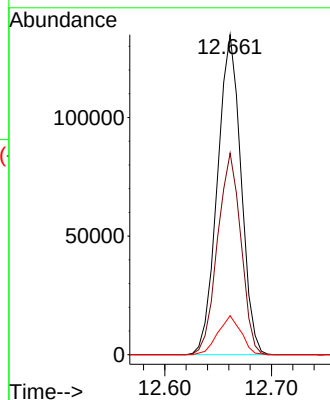
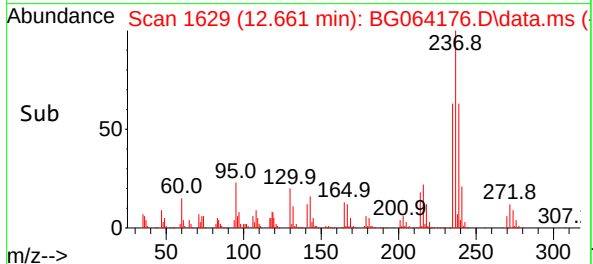
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BSD



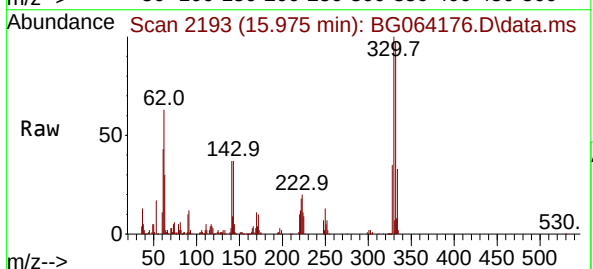
Tgt Ion:237 Resp: 207064  
Ion Ratio Lower Upper  
237 100  
235 63.0 46.0 86.0  
272 12.2 0.0 32.8

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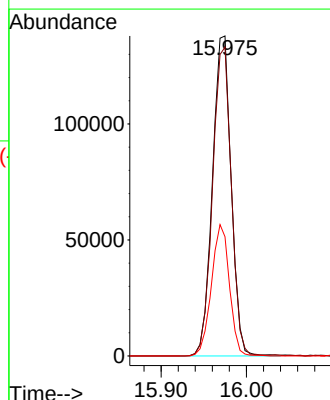
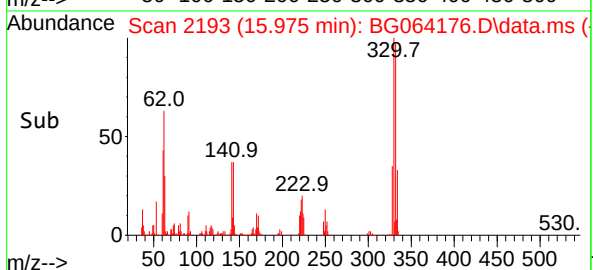
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025

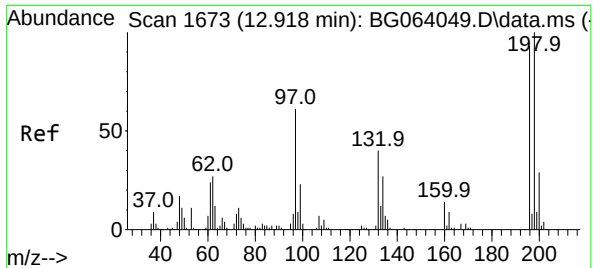


#42  
2,4,6-Tribromophenol  
Concen: 185.826 ng  
RT: 15.975 min Scan# 2193  
Delta R.T. 0.002 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19



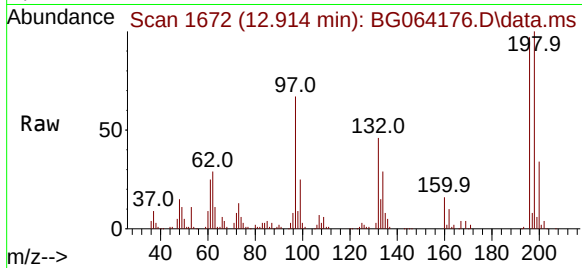
Tgt Ion:330 Resp: 210729  
Ion Ratio Lower Upper  
330 100  
332 96.7 76.7 115.1  
141 39.5 29.7 44.5





#43  
2,4,6-Trichlorophenol  
Concen: 56.949 ng  
RT: 12.914 min Scan# 1672  
Delta R.T. -0.004 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

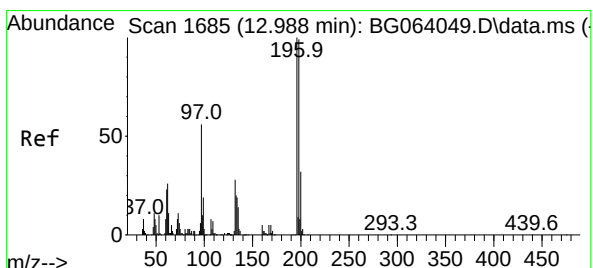
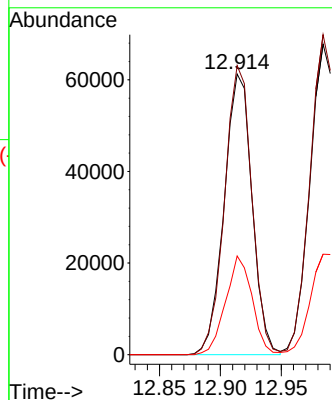
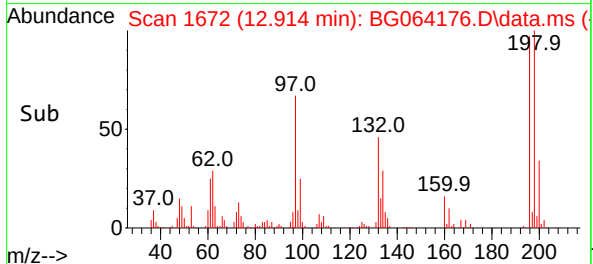
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BSD



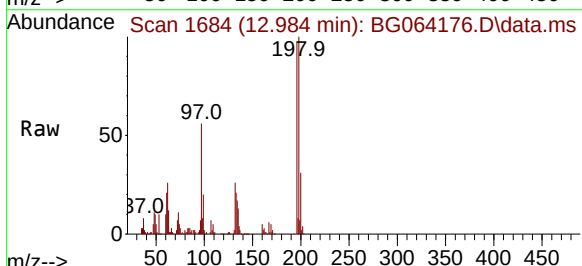
Tgt Ion:196 Resp: 97758  
Ion Ratio Lower Upper  
196 100  
198 103.0 85.6 128.4  
200 35.1 24.6 37.0

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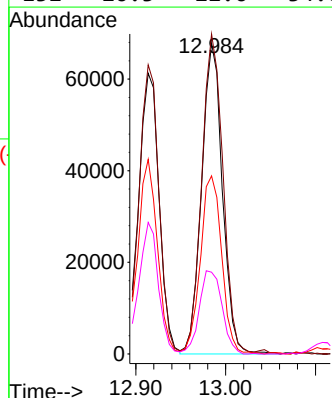
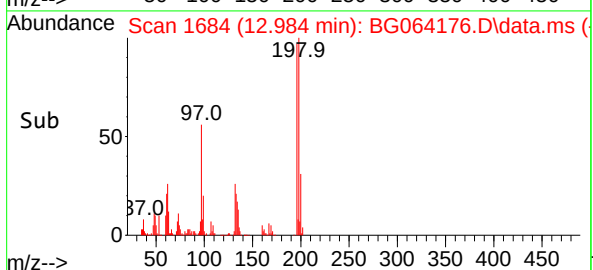
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025

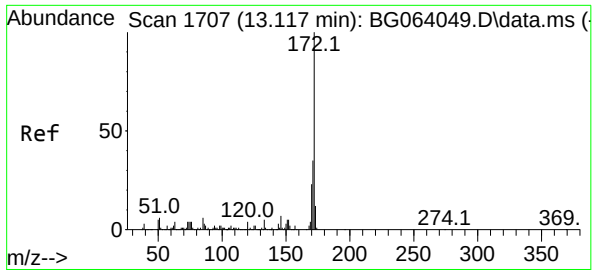


#44  
2,4,5-Trichlorophenol  
Concen: 57.257 ng  
RT: 12.984 min Scan# 1684  
Delta R.T. -0.004 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19



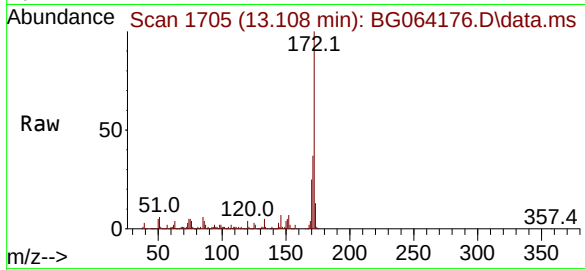
Tgt Ion:196 Resp: 109209  
Ion Ratio Lower Upper  
196 100  
198 103.0 79.5 119.3  
97 57.3 45.2 67.8  
132 26.3 22.6 34.0





#45  
2-Fluorobiphenyl  
Concen: 92.563 ng  
RT: 13.108 min Scan# 1705  
Delta R.T. -0.010 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

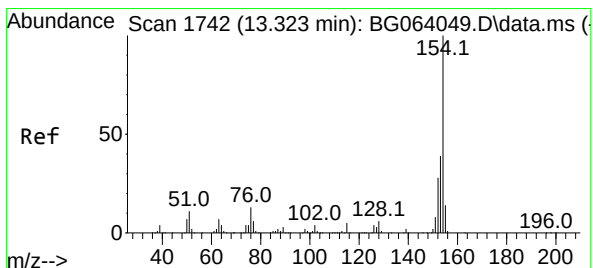
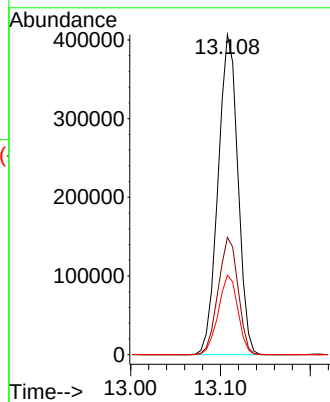
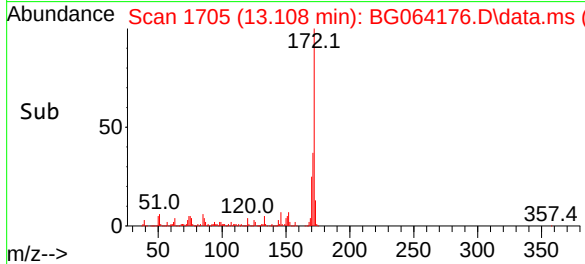
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BSD



Tgt Ion:172 Resp: 62213  
Ion Ratio Lower Upper  
172 100  
171 36.6 28.0 42.0  
170 24.9 18.7 28.1

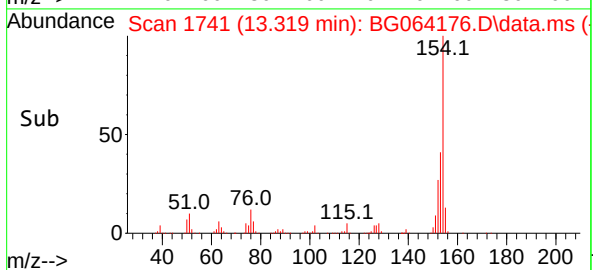
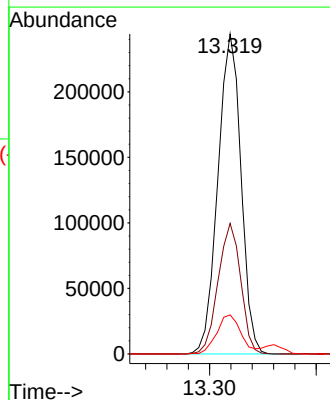
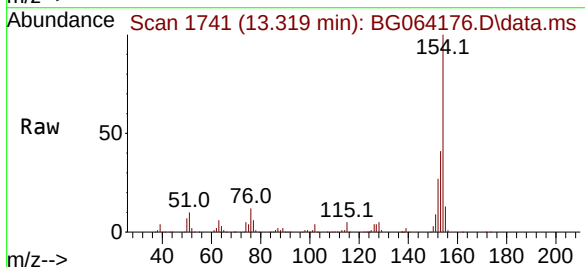
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Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025

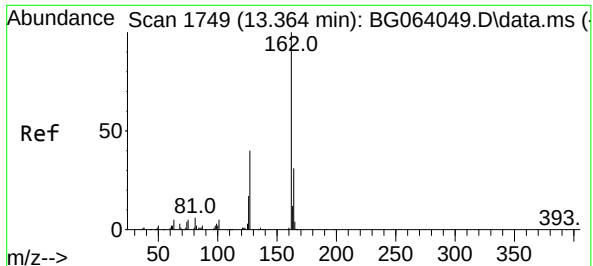


#46  
1,1'-Biphenyl  
Concen: 47.540 ng  
RT: 13.319 min Scan# 1741  
Delta R.T. -0.004 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

Tgt Ion:154 Resp: 366417  
Ion Ratio Lower Upper  
154 100  
153 40.8 19.5 59.5  
76 12.2 0.0 33.5

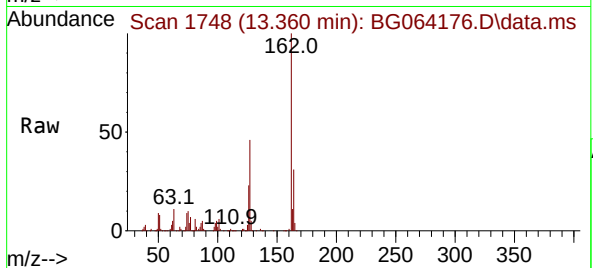






#47  
2-Chloronaphthalene  
Concen: 48.951 ng  
RT: 13.360 min Scan# 1748  
Delta R.T. -0.004 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

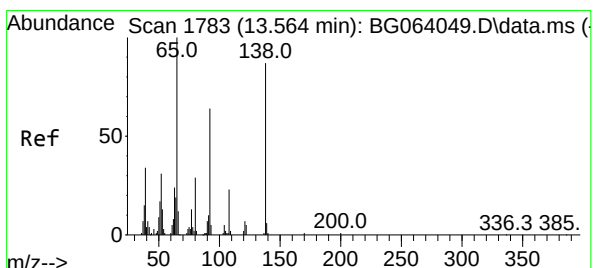
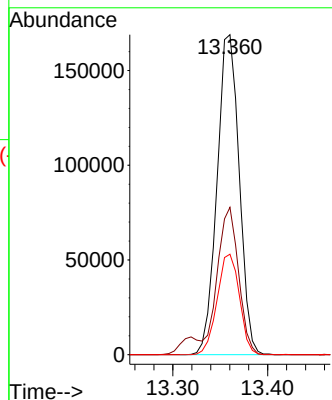
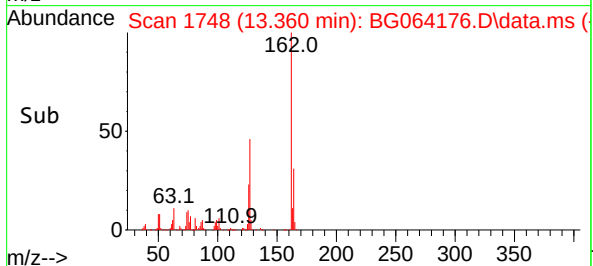
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BSD



Tgt Ion:162 Resp: 27517  
Ion Ratio Lower Upper  
162 100  
127 46.1 35.0 52.4  
164 31.4 25.0 37.6

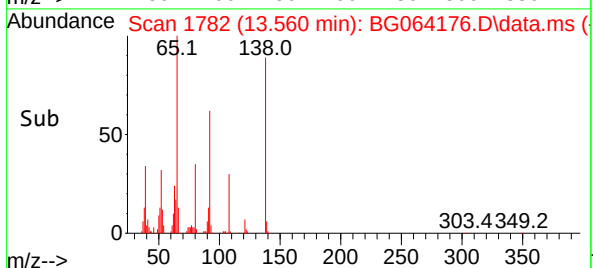
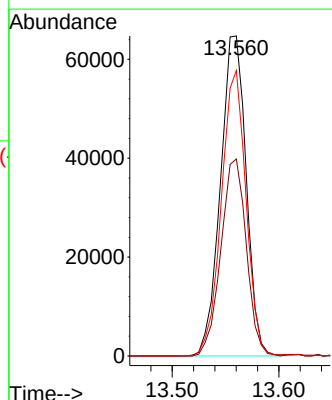
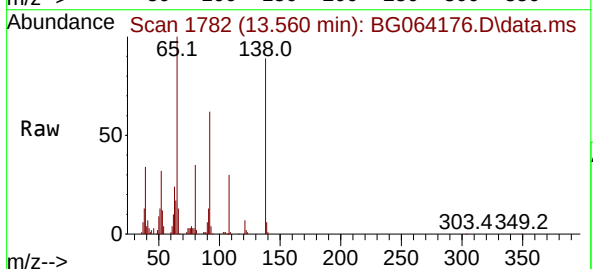
Manual Integrations  
APPROVED

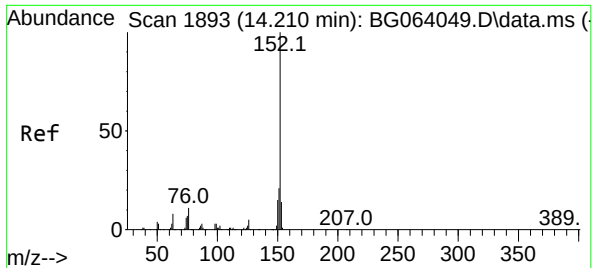
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#48  
2-Nitroaniline  
Concen: 56.226 ng  
RT: 13.560 min Scan# 1782  
Delta R.T. -0.004 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

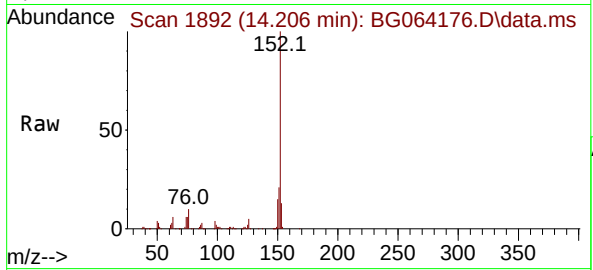
Tgt Ion: 65 Resp: 108592  
Ion Ratio Lower Upper  
65 100  
92 61.6 51.2 76.8  
138 89.2 69.4 104.2





#49  
Acenaphthylene  
Concen: 53.705 ng  
RT: 14.206 min Scan# 1892  
Delta R.T. -0.004 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

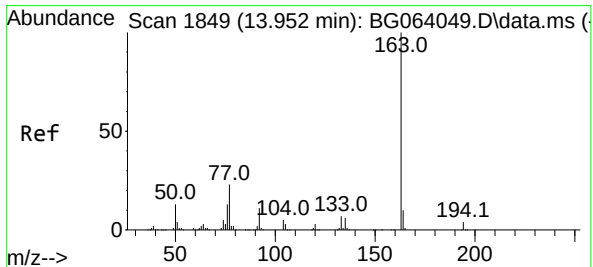
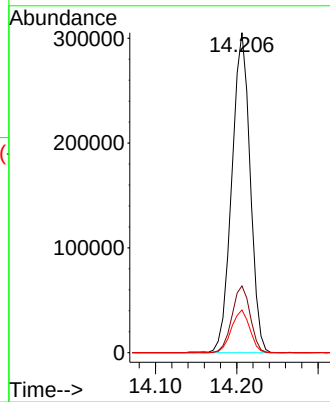
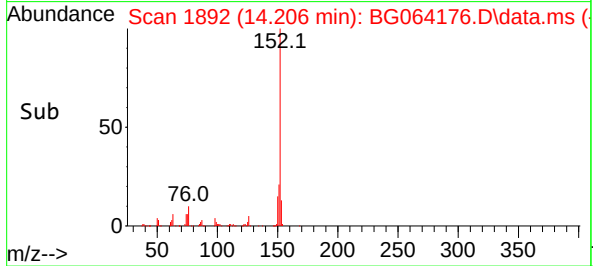
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BSD



Tgt Ion:152 Resp: 477520  
Ion Ratio Lower Upper  
152 100  
151 20.9 16.4 24.6  
153 13.3 10.9 16.3

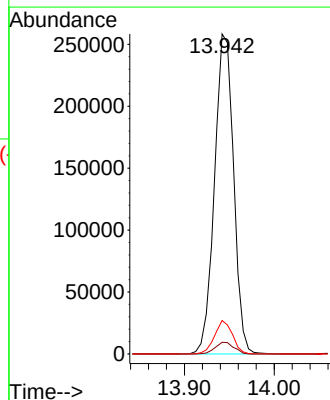
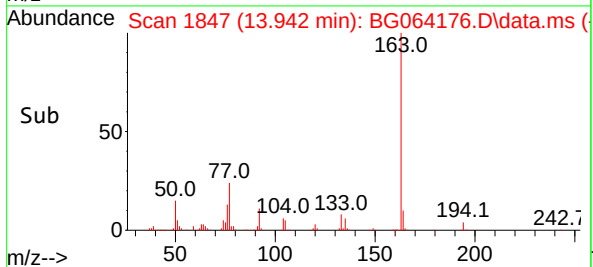
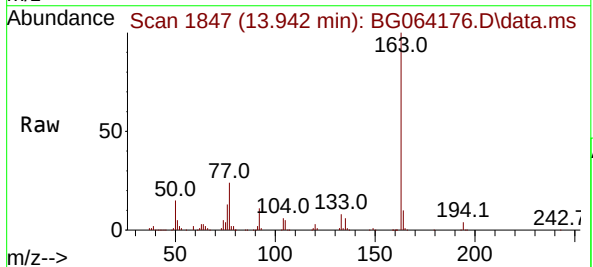
Manual Integrations  
APPROVED

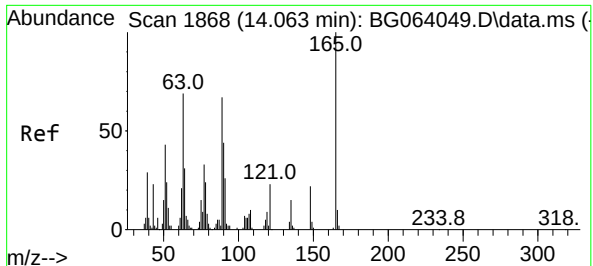
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#50  
Dimethylphthalate  
Concen: 50.669 ng  
RT: 13.942 min Scan# 1847  
Delta R.T. -0.010 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

Tgt Ion:163 Resp: 381580  
Ion Ratio Lower Upper  
163 100  
194 3.7 2.8 4.2  
164 10.4 8.2 12.2





#51  
2,6-Dinitrotoluene  
Concen: 53.558 ng  
RT: 14.059 min Scan# 1867  
Delta R.T. -0.004 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

Instrument :

BNA\_G

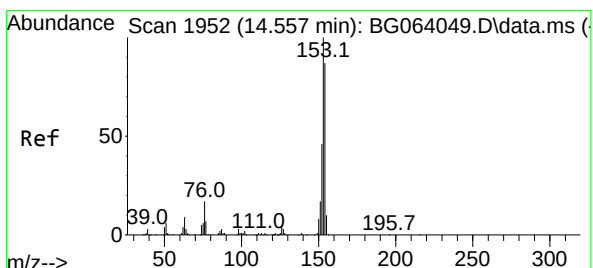
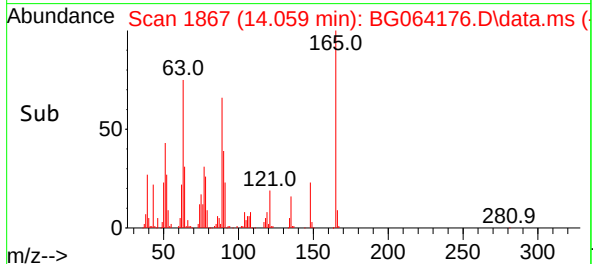
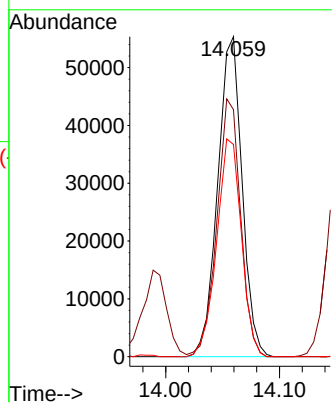
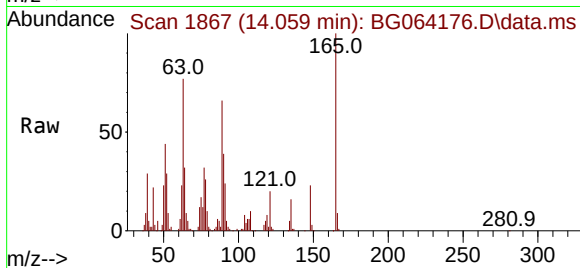
ClientSampleId :

PB167451BSD

Tgt Ion:165 Resp: 8246  
Ion Ratio Lower Upper  
165 100  
63 77.2 56.7 85.1  
89 66.3 53.7 80.5

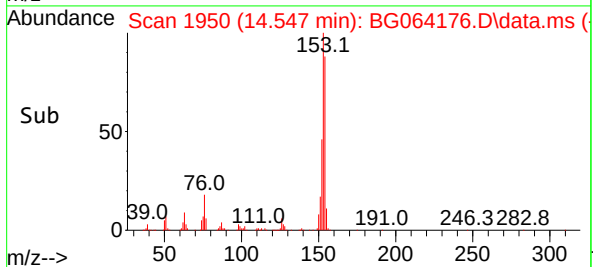
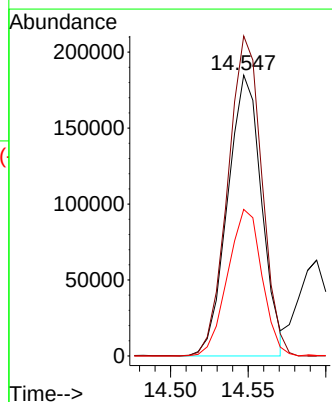
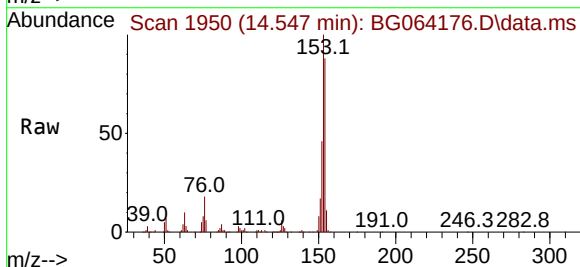
Manual Integrations  
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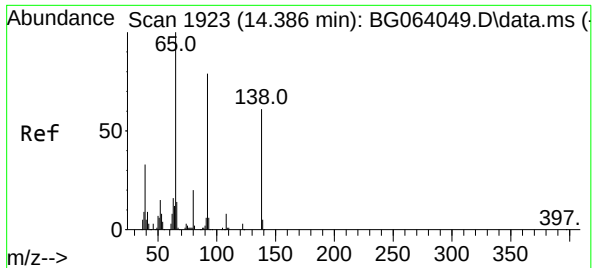
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#52  
Acenaphthene  
Concen: 47.281 ng  
RT: 14.547 min Scan# 1950  
Delta R.T. -0.010 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

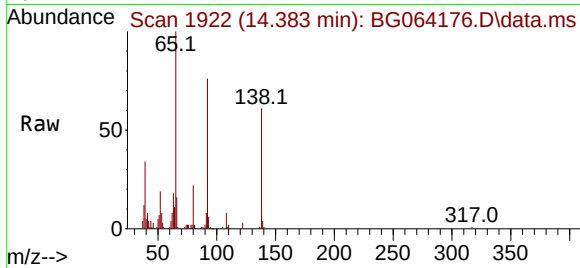
Tgt Ion:154 Resp: 282136  
Ion Ratio Lower Upper  
154 100  
153 113.9 91.6 137.4  
152 52.2 42.5 63.7





#53  
3-Nitroaniline  
Concen: 21.790 ng  
RT: 14.383 min Scan# 1923  
Delta R.T. -0.004 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

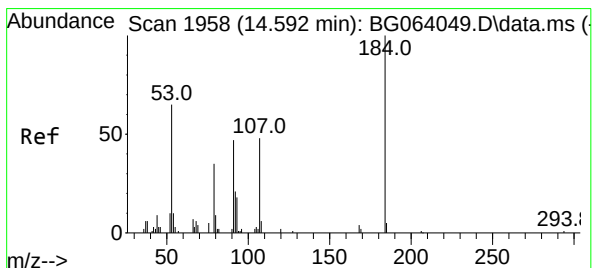
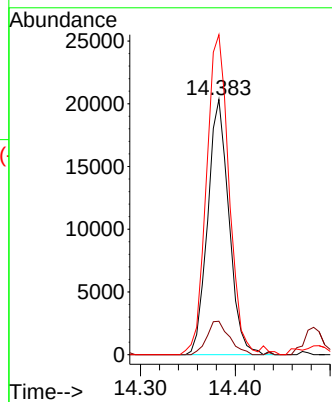
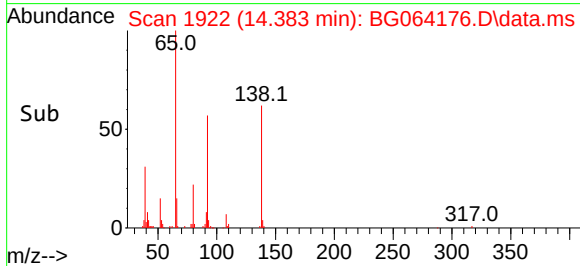
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BSD



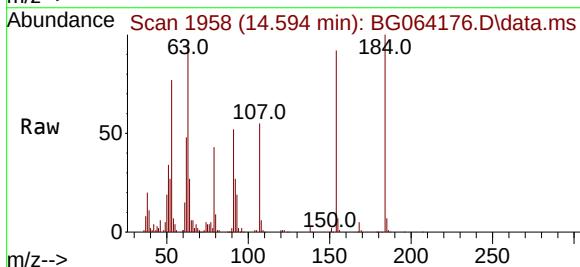
Tgt Ion:138 Resp: 31715  
Ion Ratio Lower Upper  
138 100  
108 13.1 10.1 15.1  
92 125.4 104.1 156.1

Manual Integrations  
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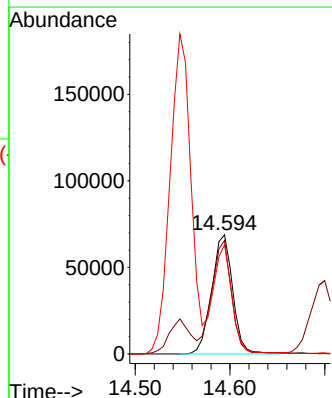
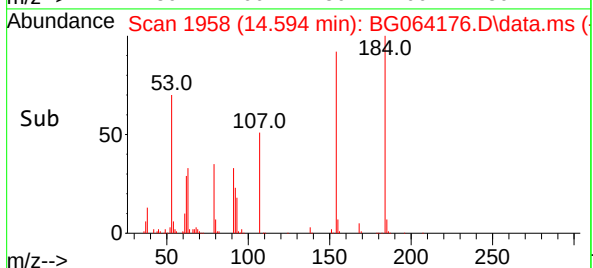
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025

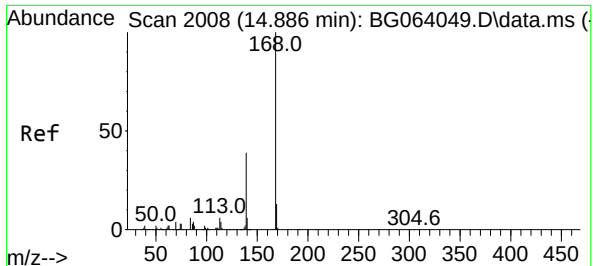


#54  
2,4-Dinitrophenol  
Concen: 157.784 ng  
RT: 14.594 min Scan# 1958  
Delta R.T. 0.002 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19



Tgt Ion:184 Resp: 105922  
Ion Ratio Lower Upper  
184 100  
63 95.1 57.5 86.3#  
154 91.6 52.3 78.5#





#55

Dibenzenofuran

Concen: 47.907 ng

RT: 14.882 min Scan# 2008

Delta R.T. -0.004 min

Lab File: BG064176.D

Acq: 3 Apr 2025 21:19

Instrument :

BNA\_G

ClientSampleId :

PB167451BSD

Tgt Ion:168 Resp: 46310

Ion Ratio Lower Upper

168 100

139 41.9 31.1 46.7

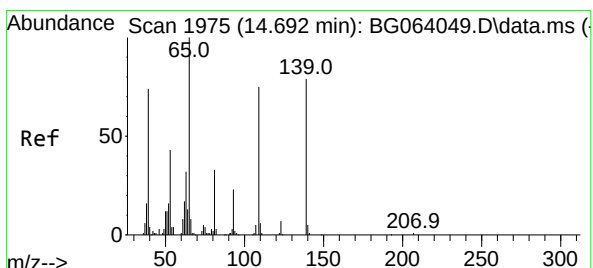
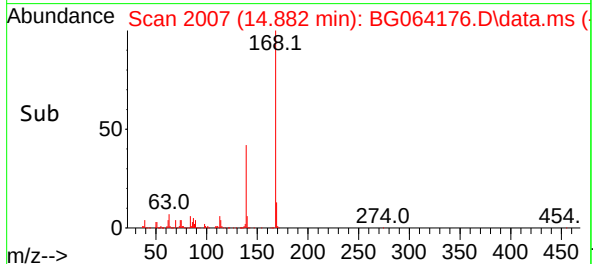
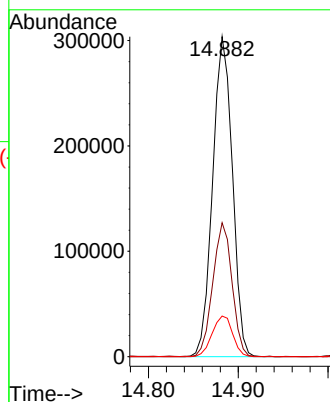
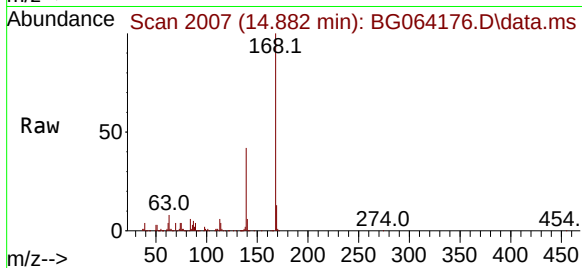
169 12.7 10.5 15.7

Manual Integrations

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Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#56

4-Nitrophenol

Concen: 125.363 ng

RT: 14.700 min Scan# 1976

Delta R.T. 0.008 min

Lab File: BG064176.D

Acq: 3 Apr 2025 21:19

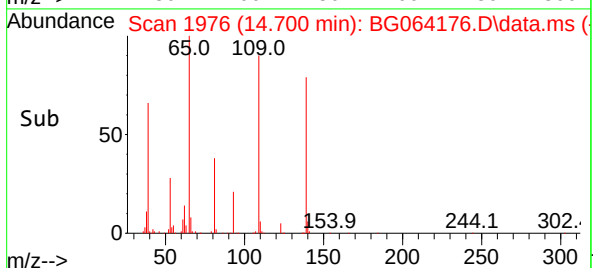
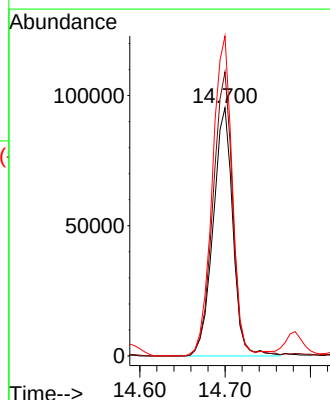
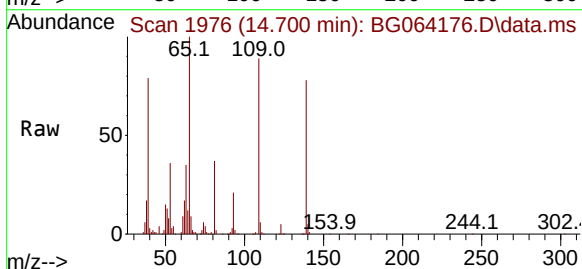
Tgt Ion:139 Resp: 153028

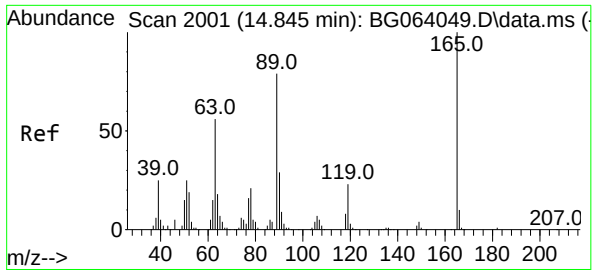
Ion Ratio Lower Upper

139 100

109 114.5 74.9 114.9

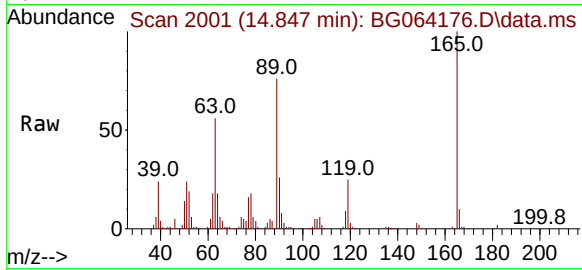
65 129.0 106.8 146.8





#57  
2,4-Dinitrotoluene  
Concen: 61.490 ng  
RT: 14.847 min Scan# 2001  
Delta R.T. 0.002 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

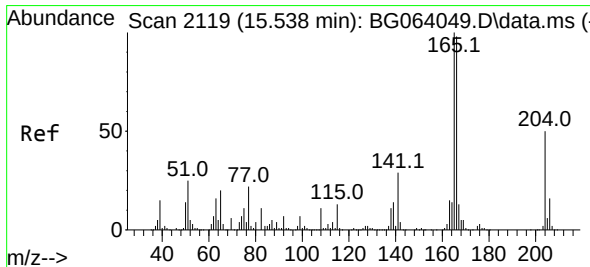
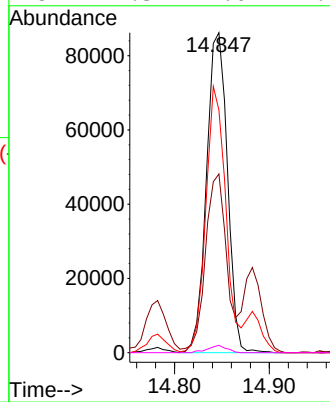
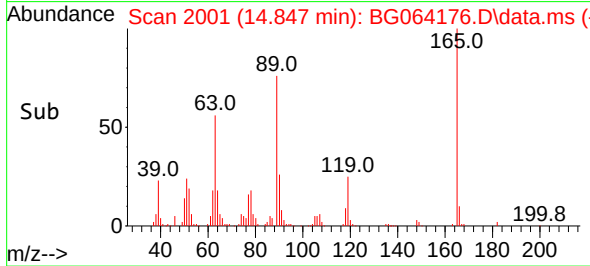
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BSD



Tgt Ion:165 Resp: 13196  
Ion Ratio Lower Upper  
165 100  
63 55.9 45.0 67.6  
89 75.8 63.1 94.7  
182 2.3 1.0 1.4#

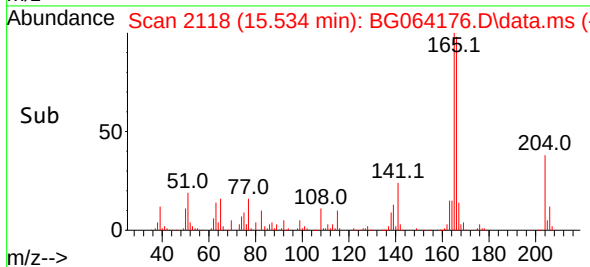
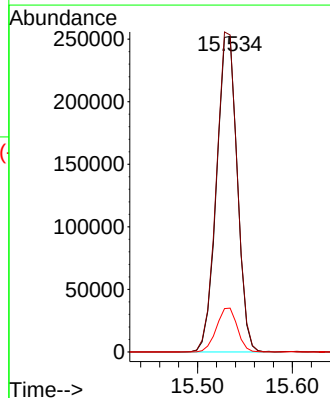
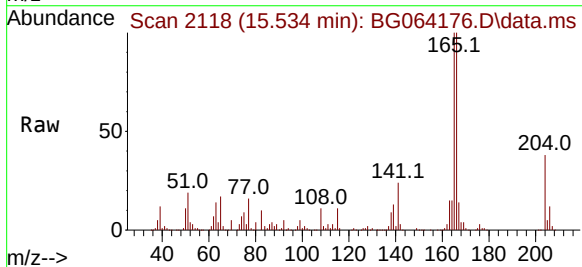
Manual Integrations  
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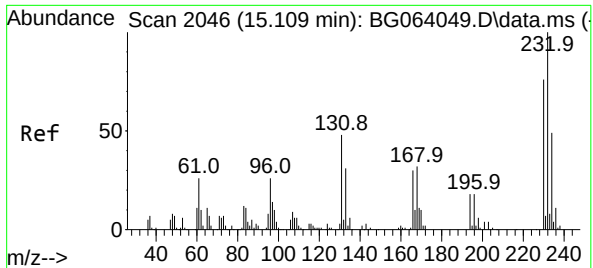
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#58  
Fluorene  
Concen: 50.793 ng  
RT: 15.534 min Scan# 2118  
Delta R.T. -0.004 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

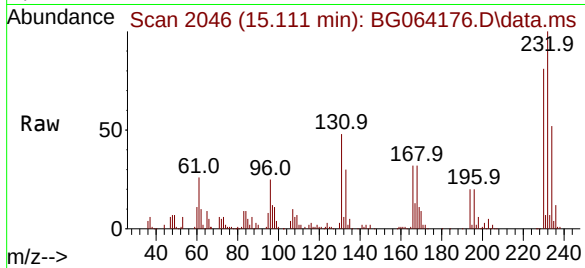
Tgt Ion:166 Resp: 382424  
Ion Ratio Lower Upper  
166 100  
165 100.4 81.8 122.8  
167 13.9 10.8 16.2





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 60.224 ng  
RT: 15.111 min Scan# 2046  
Delta R.T. 0.002 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

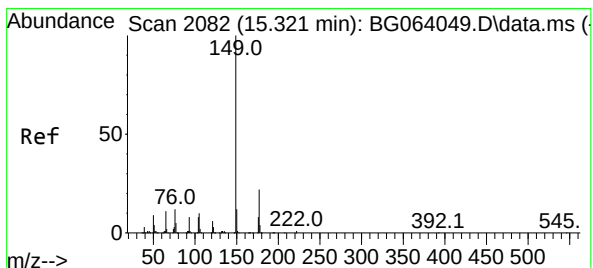
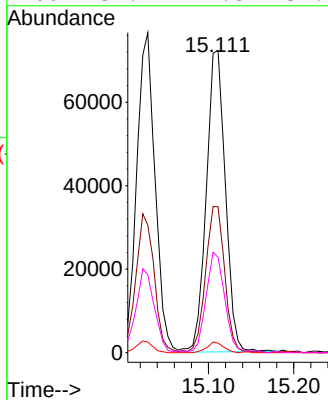
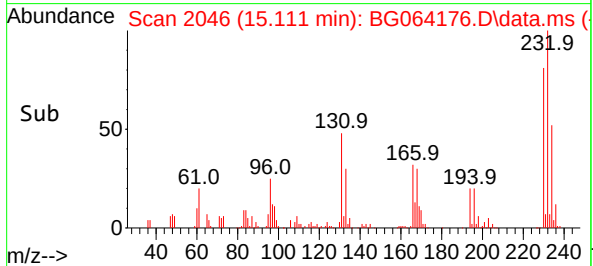
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BSD



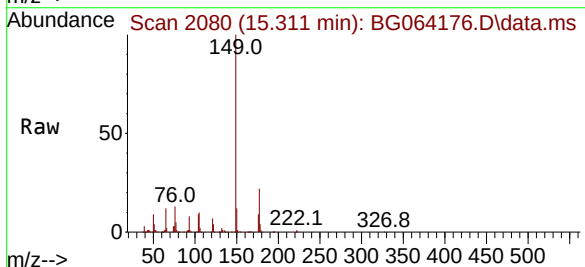
Tgt Ion:232 Resp: 111984  
Ion Ratio Lower Upper  
232 100  
131 48.9 36.3 54.5  
130 3.0 1.9 2.9  
166 32.9 22.8 34.2

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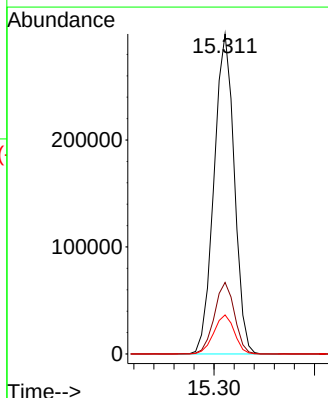
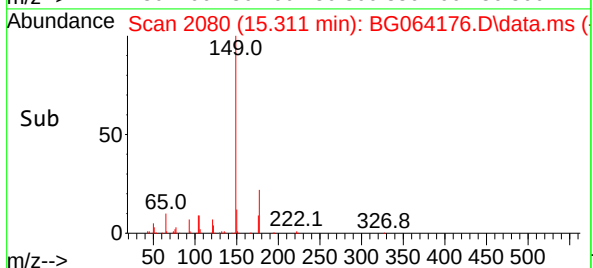
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025

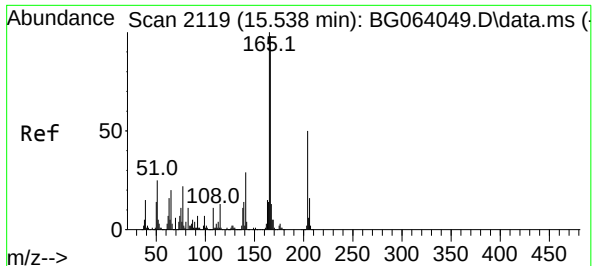


#60  
Diethylphthalate  
Concen: 51.282 ng  
RT: 15.311 min Scan# 2080  
Delta R.T. -0.010 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19



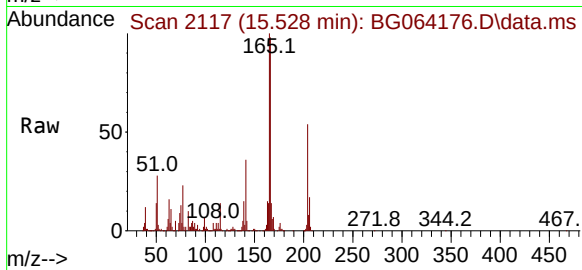
Tgt Ion:149 Resp: 419250  
Ion Ratio Lower Upper  
149 100  
177 22.3 17.4 26.2  
150 12.2 9.4 14.2





#61  
4-Chlorophenyl-phenylether  
Concen: 51.173 ng  
RT: 15.528 min Scan# 2117  
Delta R.T. -0.010 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

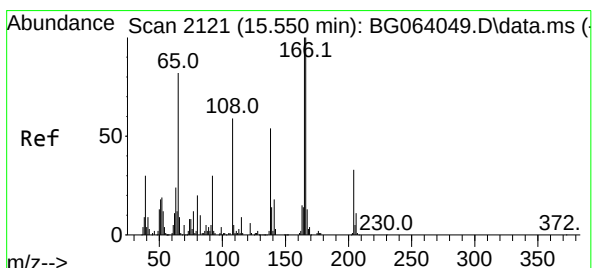
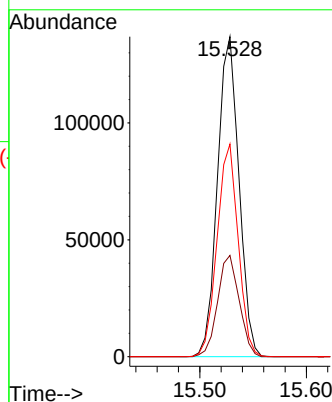
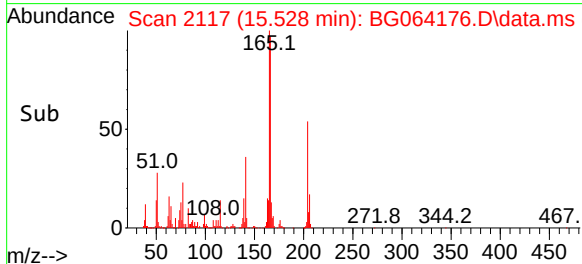
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BSD



Tgt Ion:204 Resp: 191460  
Ion Ratio Lower Upper  
204 100  
206 31.7 25.5 38.3  
141 66.4 45.4 68.0

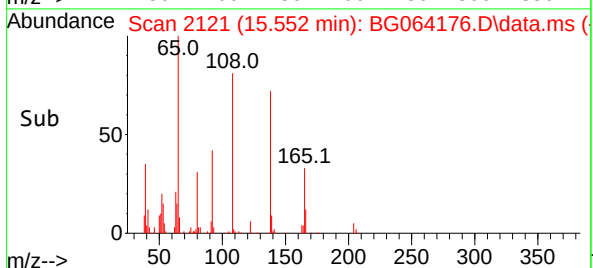
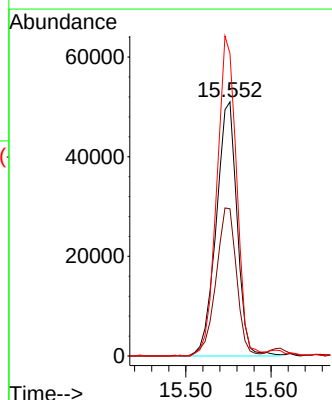
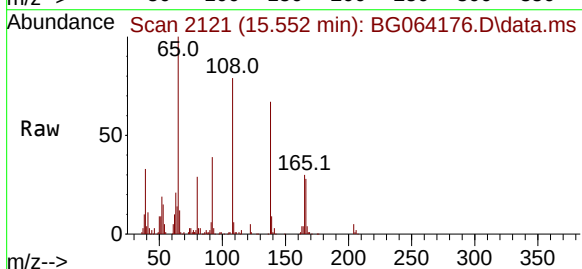
Manual Integrations  
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Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025

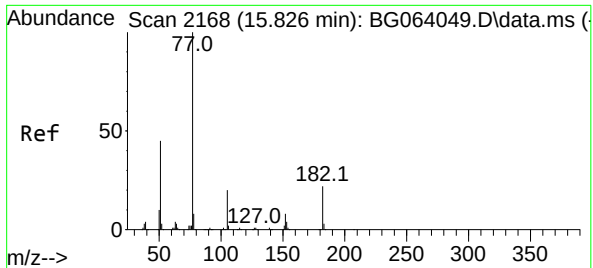


#62  
4-Nitroaniline  
Concen: 55.246 ng  
RT: 15.552 min Scan# 2121  
Delta R.T. 0.002 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

Tgt Ion:138 Resp: 86814  
Ion Ratio Lower Upper  
138 100  
92 58.0 36.1 76.1  
108 119.0 87.9 127.9

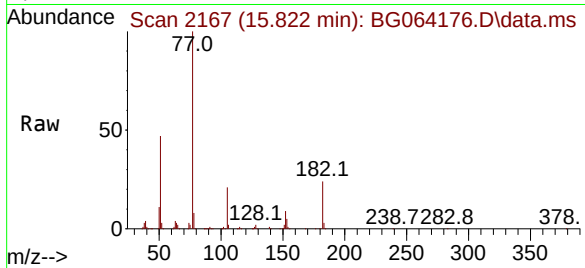






#63  
Azobenzene  
Concen: 47.485 ng  
RT: 15.822 min Scan# 2167  
Delta R.T. -0.004 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

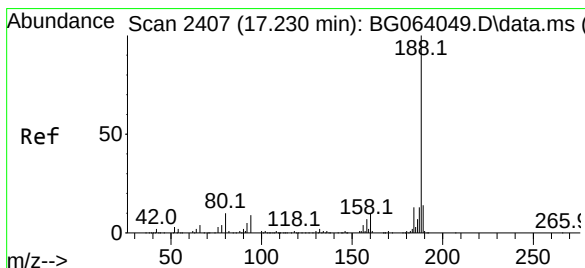
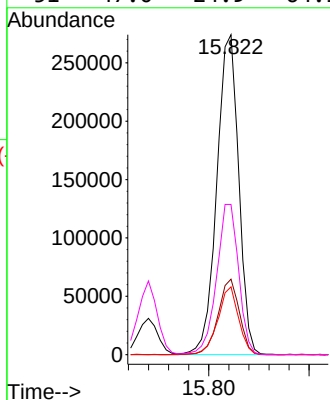
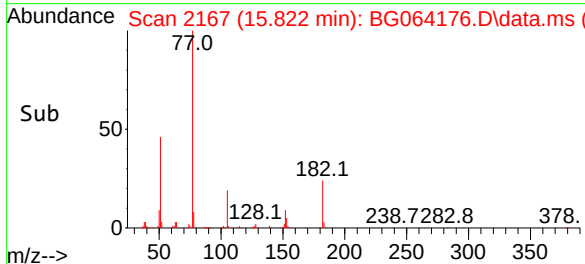
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BSD



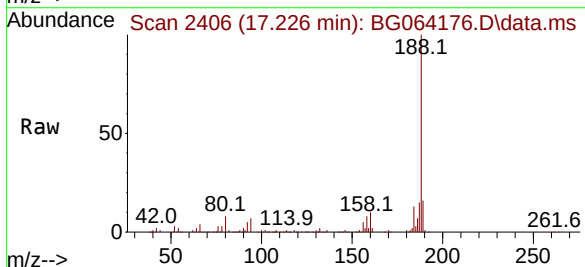
Tgt Ion: 77 Resp: 414254  
Ion Ratio Lower Upper  
77 100  
182 23.6 2.4 42.4  
105 21.2 0.0 40.0  
51 47.0 24.9 64.9

Manual Integrations  
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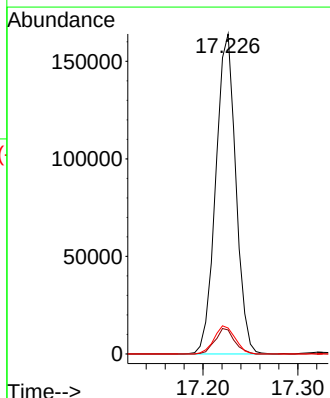
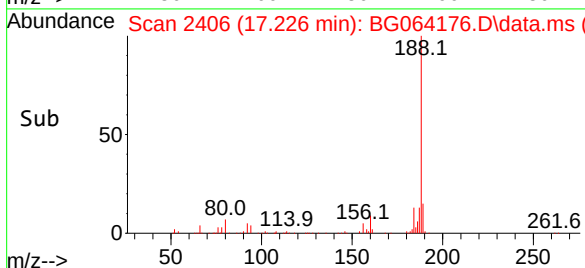
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025

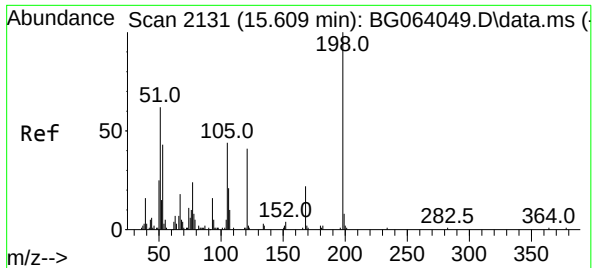


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.226 min Scan# 2406  
Delta R.T. -0.004 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19



Tgt Ion:188 Resp: 241112  
Ion Ratio Lower Upper  
188 100  
94 7.5 6.9 10.3  
80 8.1 8.1 12.1





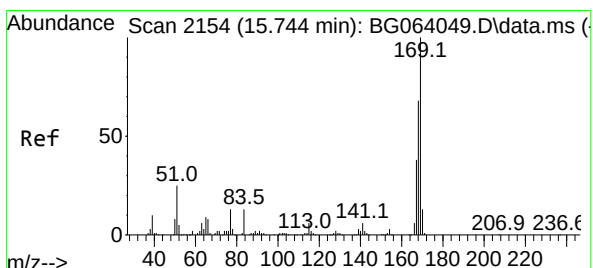
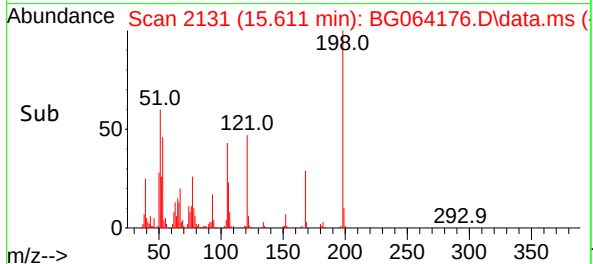
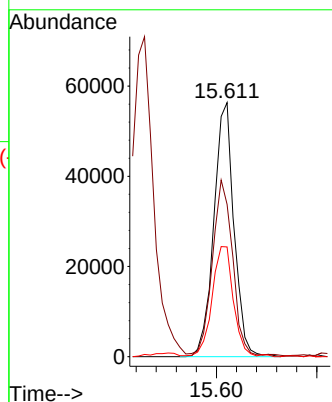
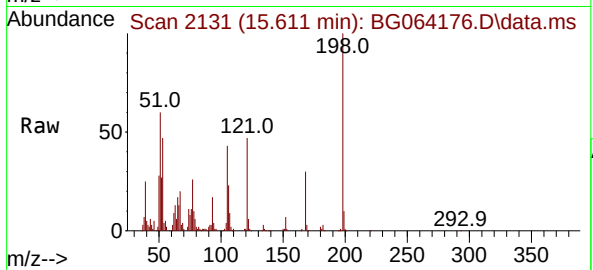
#65  
4,6-Dinitro-2-methylphenol  
Concen: 70.683 ng  
RT: 15.611 min Scan# 2131  
Delta R.T. 0.002 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BSD

Tgt Ion:198 Resp: 7847  
Ion Ratio Lower Upper  
198 100  
51 60.0 45.6 85.6  
105 43.2 25.3 65.3

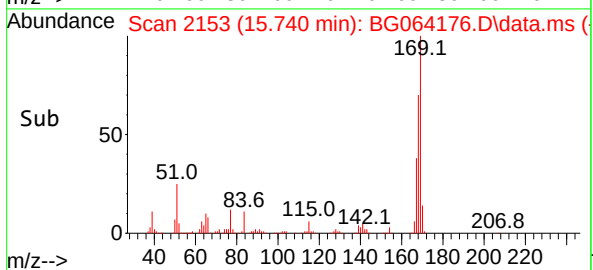
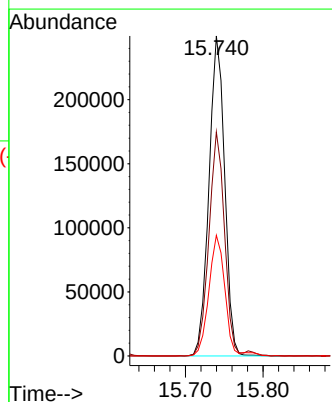
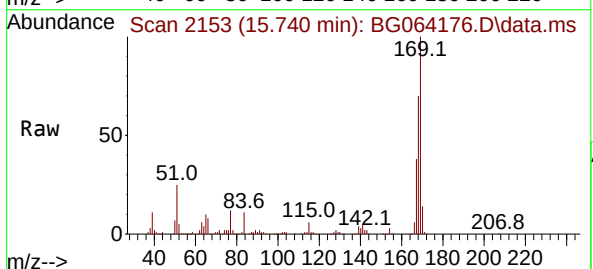
Manual Integrations  
APPROVED

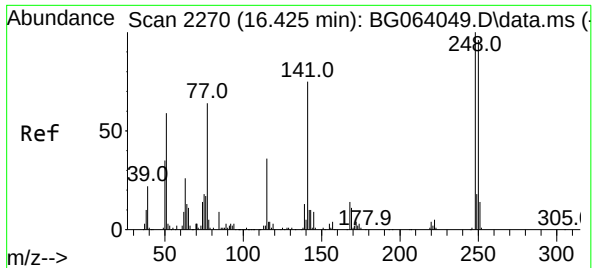
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#66  
n-Nitrosodiphenylamine  
Concen: 51.361 ng  
RT: 15.740 min Scan# 2153  
Delta R.T. -0.004 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

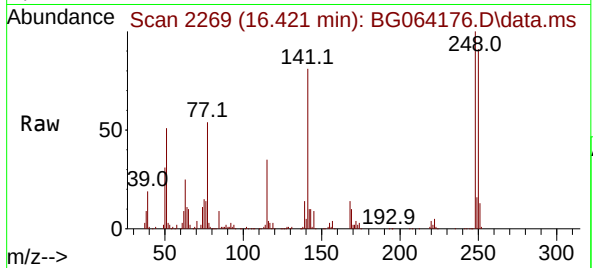
Tgt Ion:169 Resp: 350536  
Ion Ratio Lower Upper  
169 100  
168 70.0 54.1 81.1  
167 37.7 30.3 45.5





#67  
4-Bromophenyl-phenylether  
Concen: 52.927 ng  
RT: 16.421 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

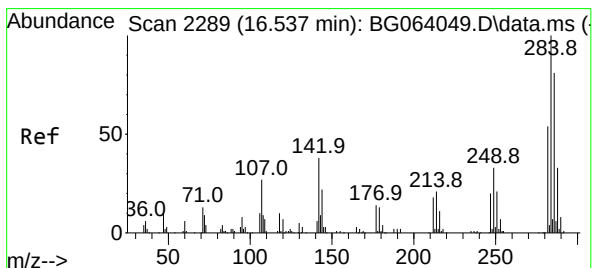
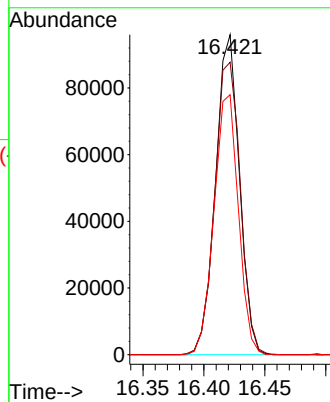
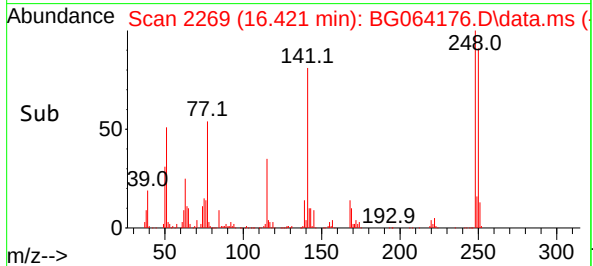
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BSD



Tgt Ion:248 Resp: 130700  
Ion Ratio Lower Upper  
248 100  
250 91.4 77.1 115.7  
141 81.2 59.8 89.8

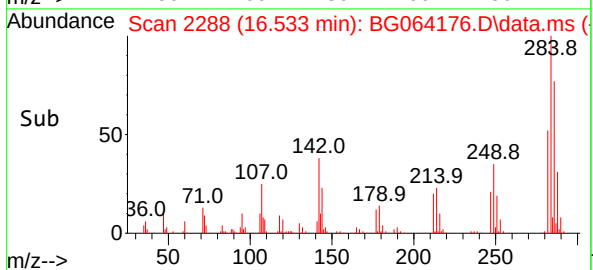
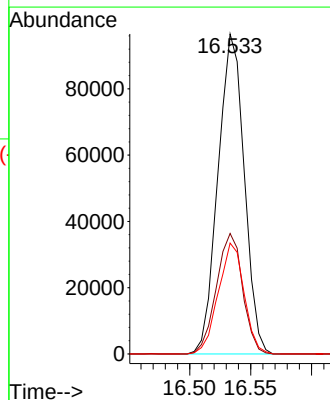
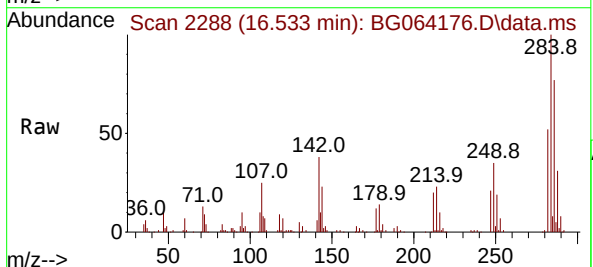
Manual Integrations  
APPROVED

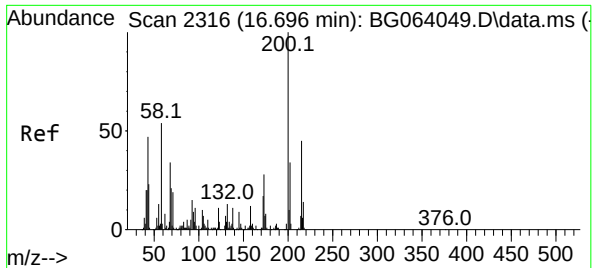
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#68  
Hexachlorobenzene  
Concen: 52.389 ng  
RT: 16.533 min Scan# 2288  
Delta R.T. -0.004 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

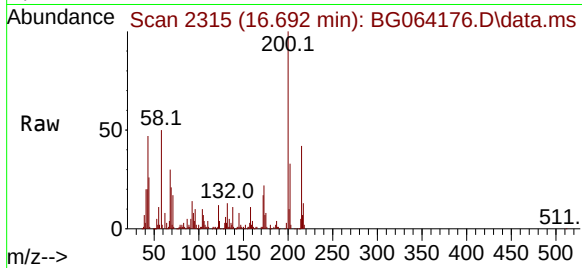
Tgt Ion:284 Resp: 144837  
Ion Ratio Lower Upper  
284 100  
142 37.7 30.6 45.8  
249 34.7 26.6 39.8





#69  
Atrazine  
Concen: 71.699 ng  
RT: 16.692 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

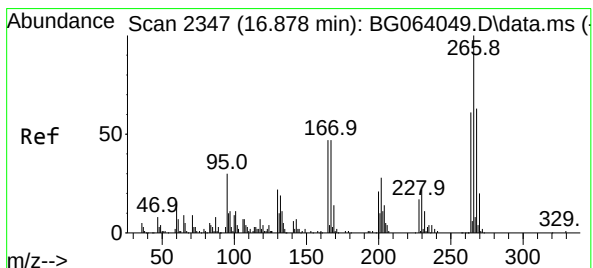
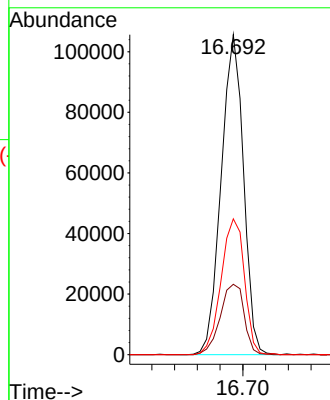
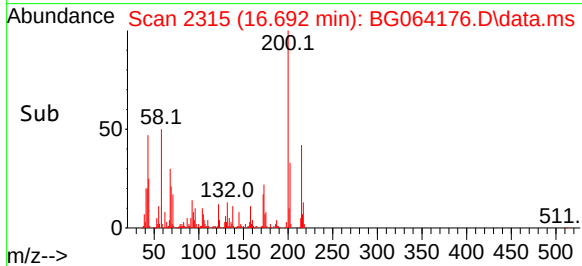
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BSD



Tgt Ion:200 Resp: 143980  
Ion Ratio Lower Upper  
200 100  
173 22.0 8.2 48.2  
215 42.5 25.5 65.5

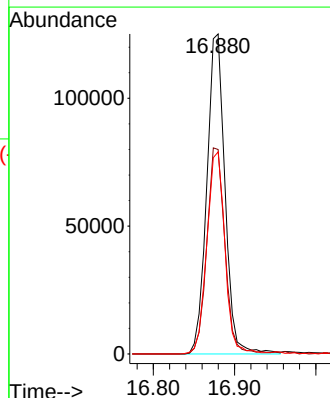
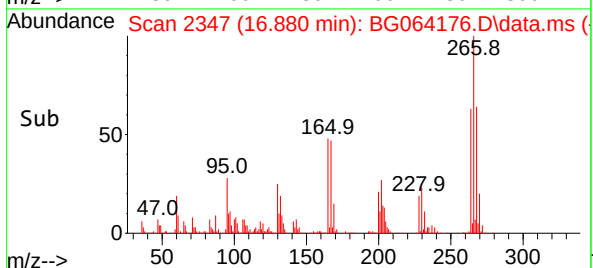
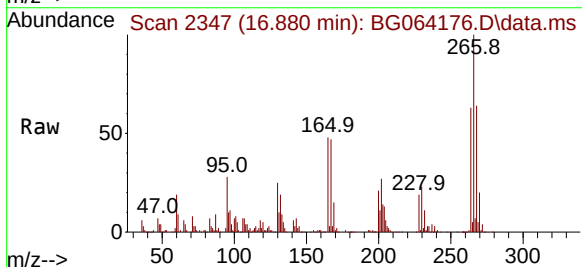
Manual Integrations  
APPROVED

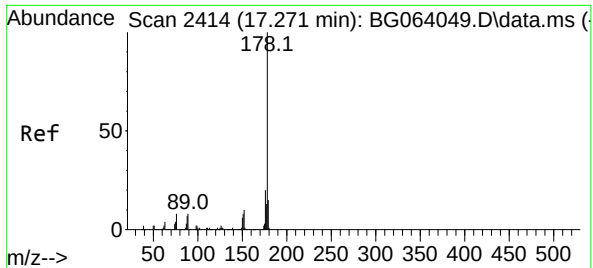
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#70  
Pentachlorophenol  
Concen: 113.044 ng  
RT: 16.880 min Scan# 2347  
Delta R.T. 0.002 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

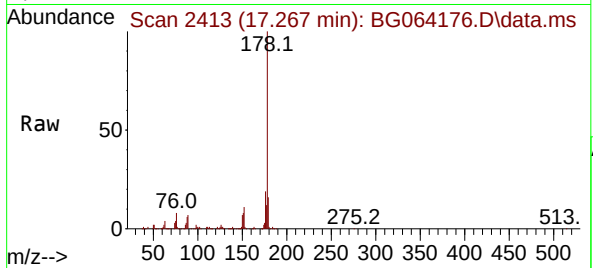
Tgt Ion:266 Resp: 194044  
Ion Ratio Lower Upper  
266 100  
268 63.9 50.2 75.4  
264 63.1 48.9 73.3





#71  
Phenanthrene  
Concen: 50.891 ng  
RT: 17.267 min Scan# 2413  
Delta R.T. -0.004 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

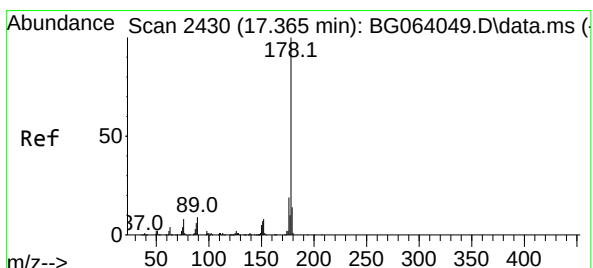
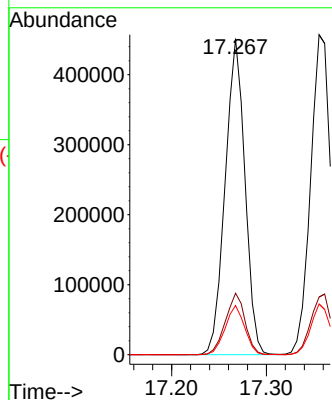
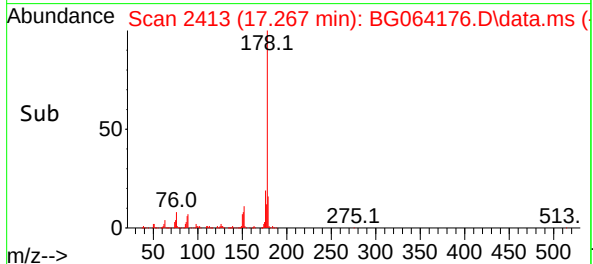
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BSD



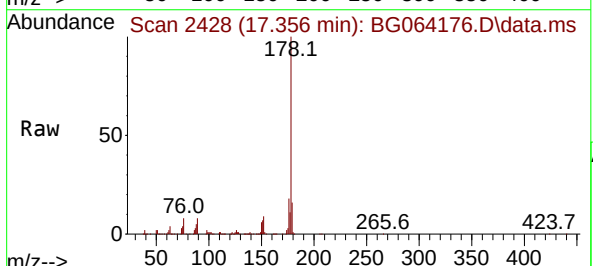
Tgt Ion:178 Resp: 654470  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.9 23.9  
179 15.6 12.2 18.2

Manual Integrations  
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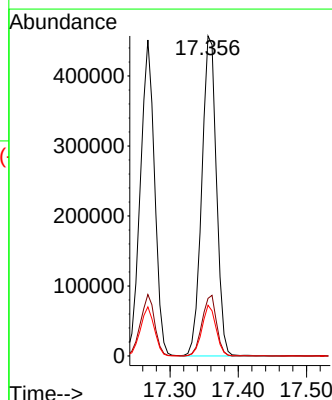
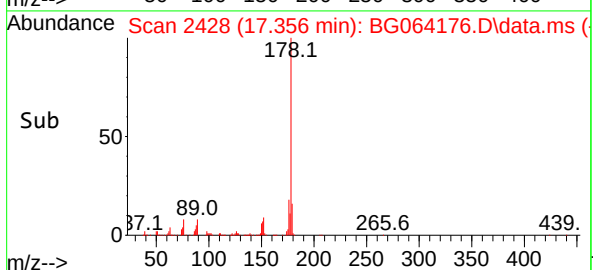
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025

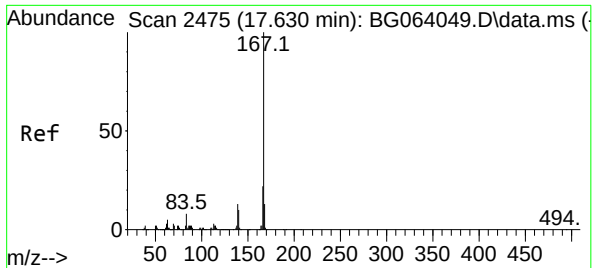


#72  
Anthracene  
Concen: 53.358 ng  
RT: 17.356 min Scan# 2428  
Delta R.T. -0.010 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19



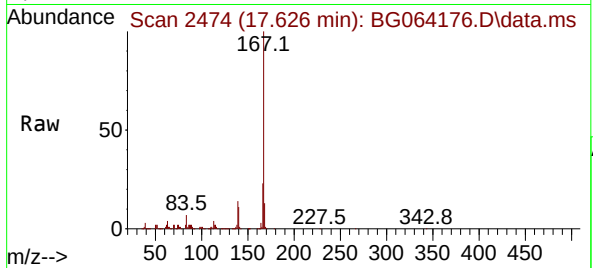
Tgt Ion:178 Resp: 682335  
Ion Ratio Lower Upper  
178 100  
176 18.0 14.8 22.2  
179 15.8 11.5 17.3





#73  
Carbazole  
Concen: 51.768 ng  
RT: 17.626 min Scan# 2475  
Delta R.T. -0.004 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

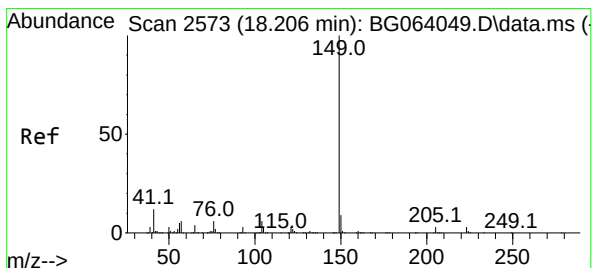
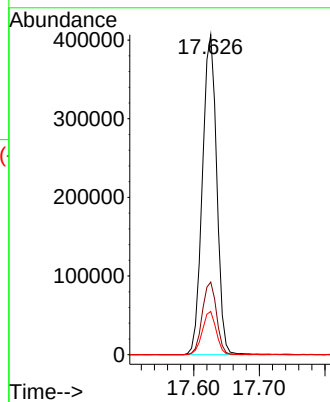
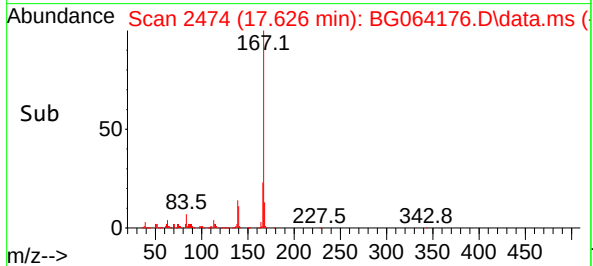
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BSD



Tgt Ion:167 Resp: 61808  
Ion Ratio Lower Upper  
167 100  
166 22.7 18.0 27.0  
139 13.5 10.6 15.8

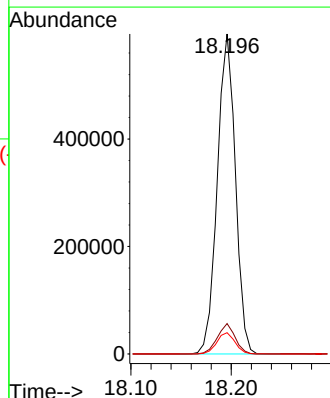
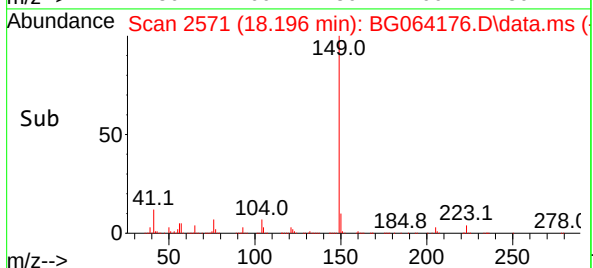
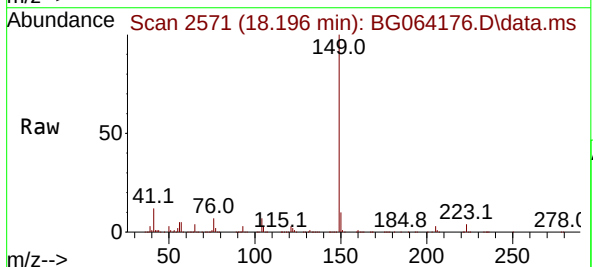
Manual Integrations  
APPROVED

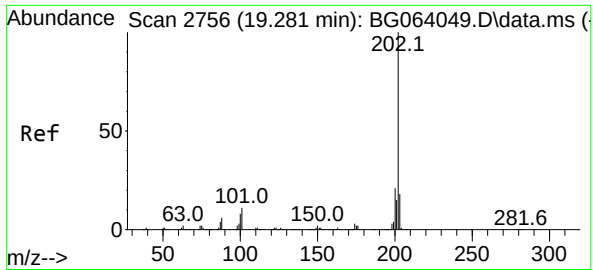
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#74  
Di-n-butylphthalate  
Concen: 52.928 ng  
RT: 18.196 min Scan# 2571  
Delta R.T. -0.010 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

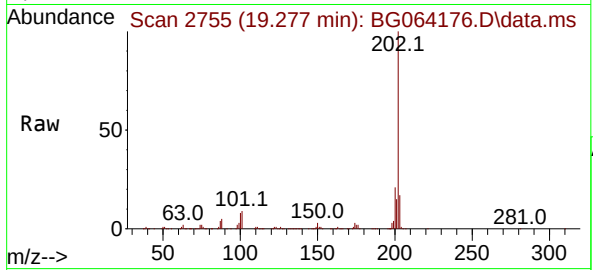
Tgt Ion:149 Resp: 743858  
Ion Ratio Lower Upper  
149 100  
150 9.5 7.4 11.0  
104 6.7 5.0 7.6





#75  
Fluoranthene  
Concen: 49.569 ng  
RT: 19.277 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

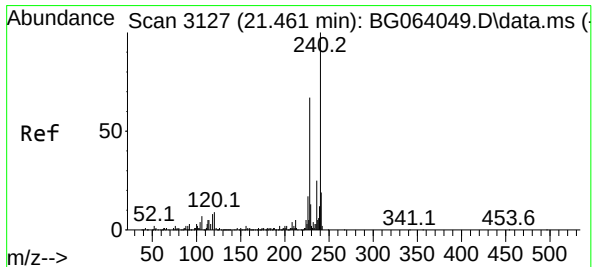
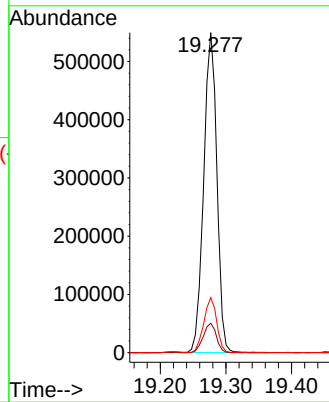
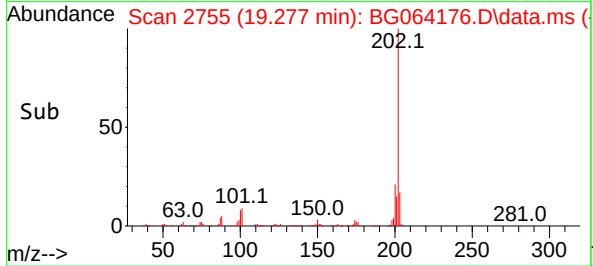
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BSD



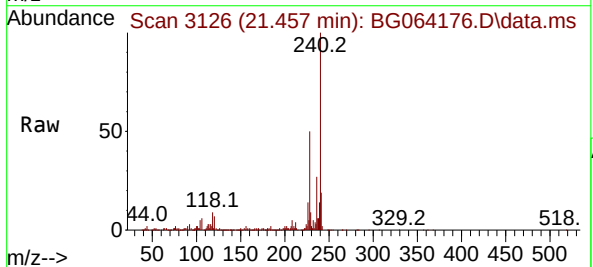
Tgt Ion:202 Resp: 768518  
Ion Ratio Lower Upper  
202 100  
101 9.2 0.0 30.5  
203 17.2 0.0 38.3

Manual Integrations  
APPROVED

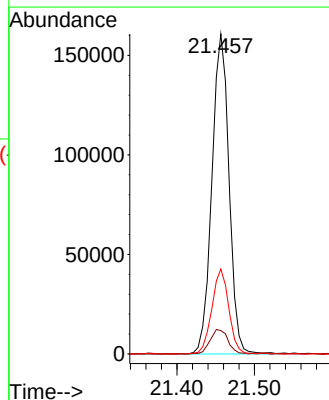
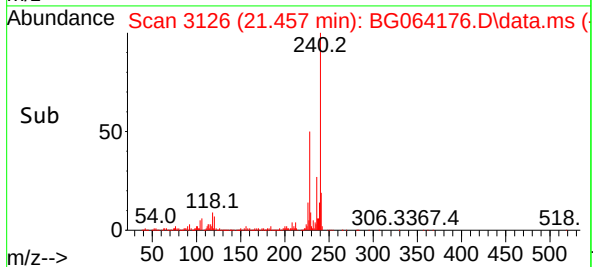
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025

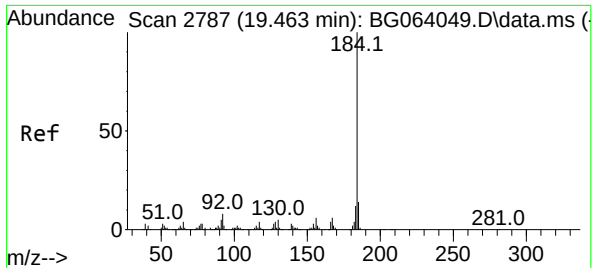


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.457 min Scan# 3126  
Delta R.T. -0.004 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19



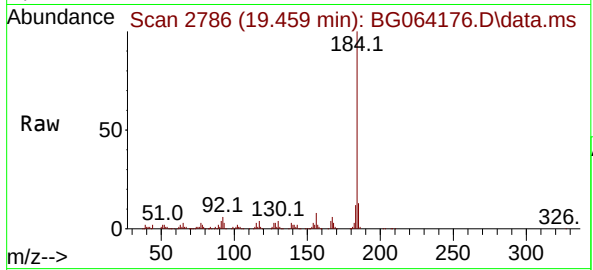
Tgt Ion:240 Resp: 247153  
Ion Ratio Lower Upper  
240 100  
120 7.3 7.2 10.8  
236 26.6 20.2 30.2





#77  
Benzidine  
Concen: 61.117 ng  
RT: 19.459 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

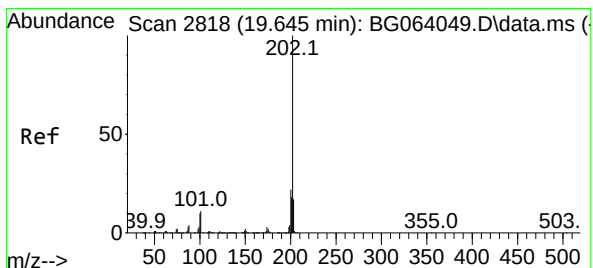
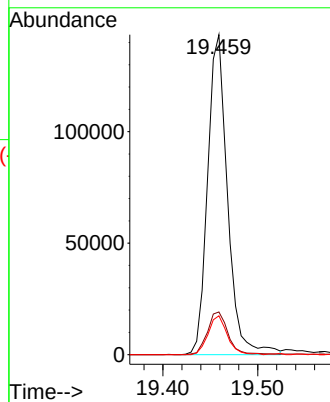
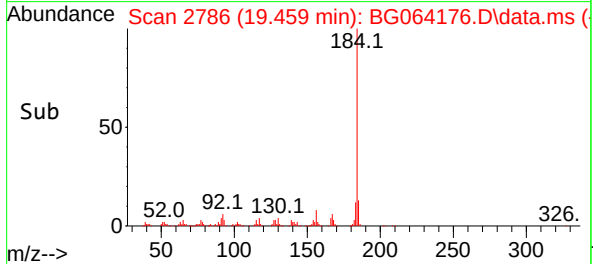
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BSD



Tgt Ion:184 Resp: 20916  
Ion Ratio Lower Upper  
184 100  
185 13.4 11.3 16.9  
183 12.1 9.5 14.3

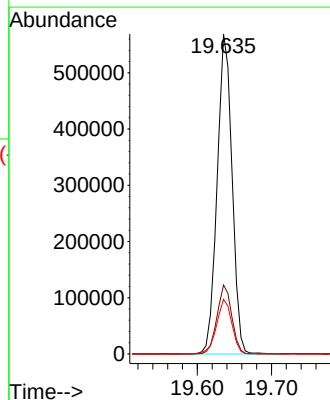
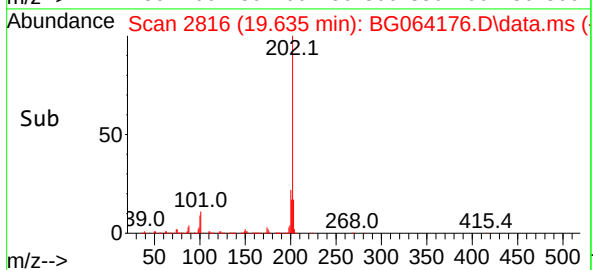
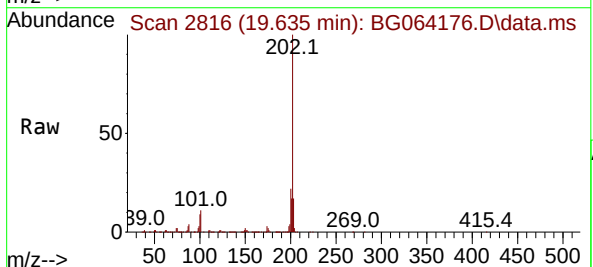
Manual Integrations  
**APPROVED**

Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025

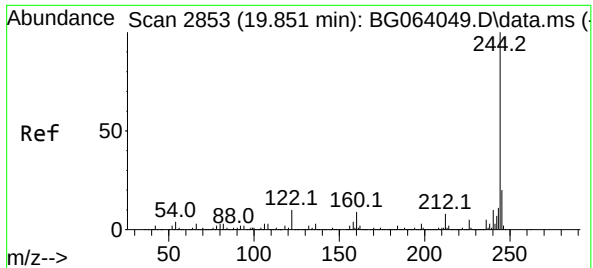


#78  
Pyrene  
Concen: 49.829 ng  
RT: 19.635 min Scan# 2816  
Delta R.T. -0.010 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

Tgt Ion:202 Resp: 793876  
Ion Ratio Lower Upper  
202 100  
200 21.5 17.3 25.9  
203 17.1 13.6 20.4

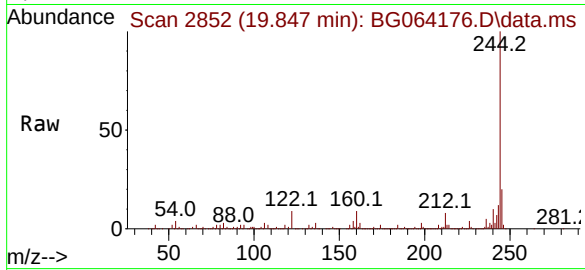






#79  
Terphenyl-d14  
Concen: 100.339 ng  
RT: 19.847 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

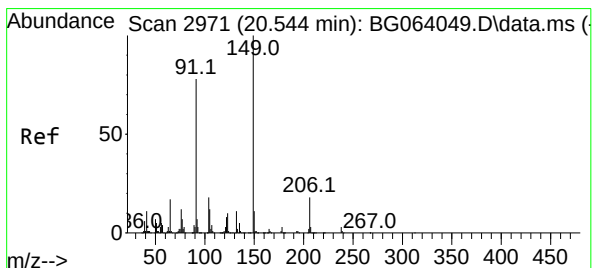
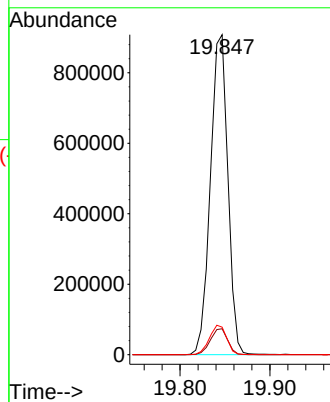
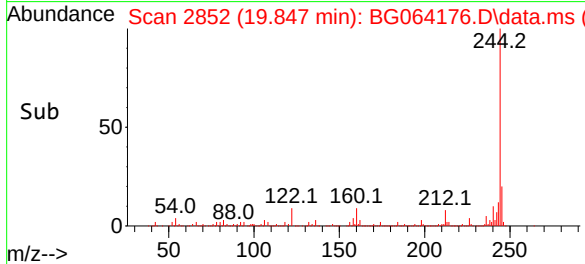
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BSD



Tgt Ion:244 Resp: 122646  
Ion Ratio Lower Upper  
244 100  
212 8.1 6.2 9.4  
122 8.6 8.0 12.0

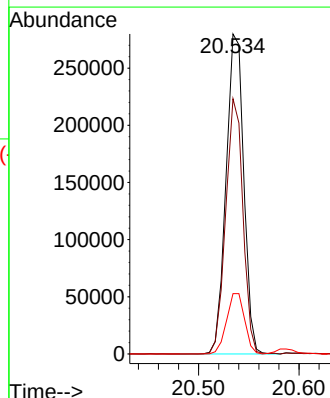
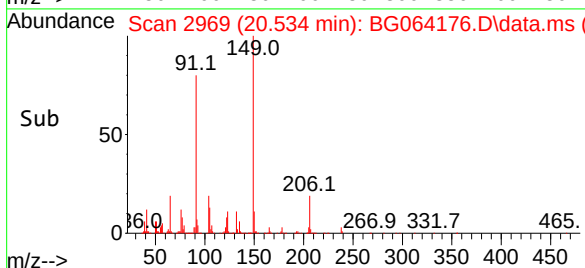
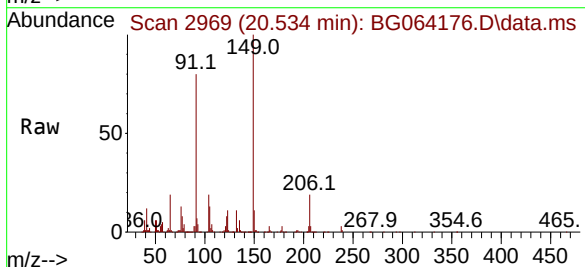
Manual Integrations  
APPROVED

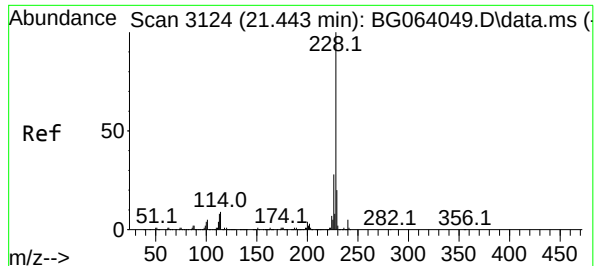
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#80  
Butylbenzylphthalate  
Concen: 56.555 ng  
RT: 20.534 min Scan# 2969  
Delta R.T. -0.010 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

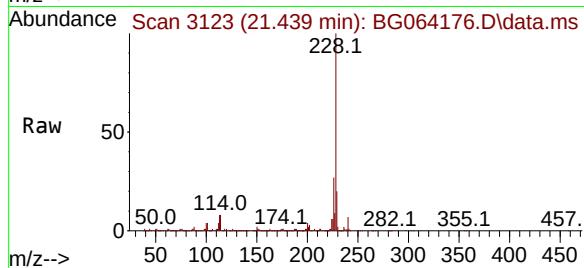
Tgt Ion:149 Resp: 342298  
Ion Ratio Lower Upper  
149 100  
91 79.7 62.0 93.0  
206 18.8 14.6 21.8





#81  
Benzo(a)anthracene  
Concen: 51.233 ng  
RT: 21.439 min Scan# 3111  
Delta R.T. -0.004 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

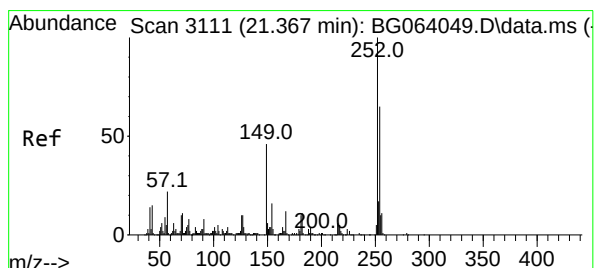
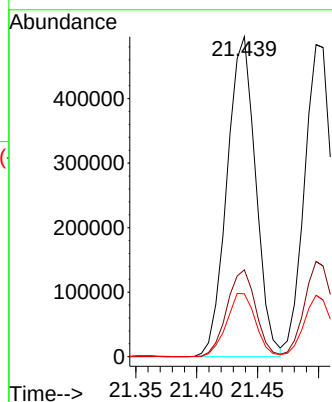
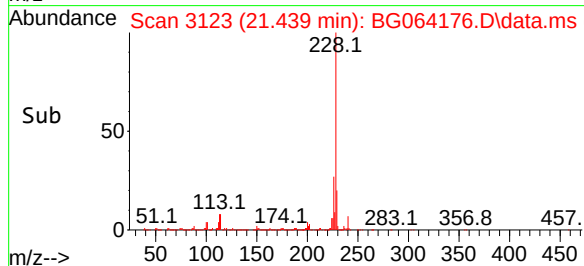
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BSD



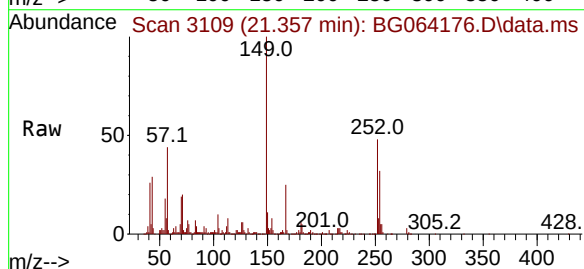
Tgt Ion:228 Resp: 81111  
Ion Ratio Lower Upper  
228 100  
226 27.1 22.2 33.2  
229 19.6 16.4 24.6

Manual Integrations  
APPROVED

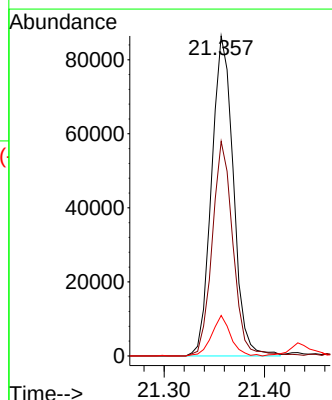
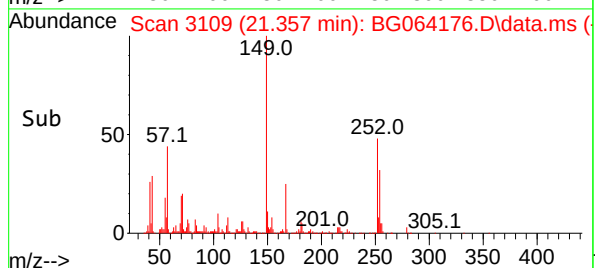
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025

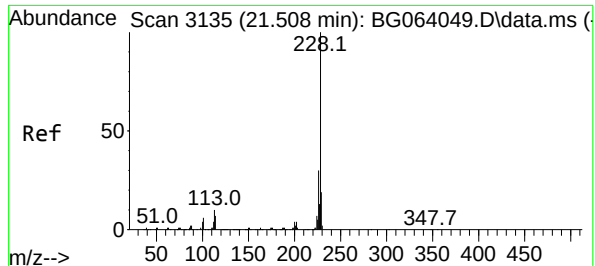


#82  
3,3'-Dichlorobenzidine  
Concen: 25.404 ng  
RT: 21.357 min Scan# 3109  
Delta R.T. -0.010 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19



Tgt Ion:252 Resp: 130164  
Ion Ratio Lower Upper  
252 100  
254 67.0 52.1 78.1  
126 12.6 7.8 11.8#





#83

Chrysene

Concen: 48.337 ng

RT: 21.498 min Scan# 3111

Delta R.T. -0.010 min

Lab File: BG064176.D

Acq: 3 Apr 2025 21:19

Instrument :

BNA\_G

ClientSampleId :

PB167451BSD

Tgt Ion:228 Resp: 763254

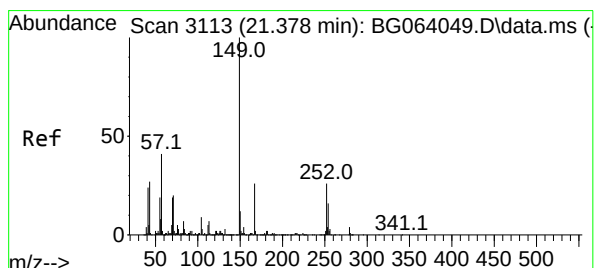
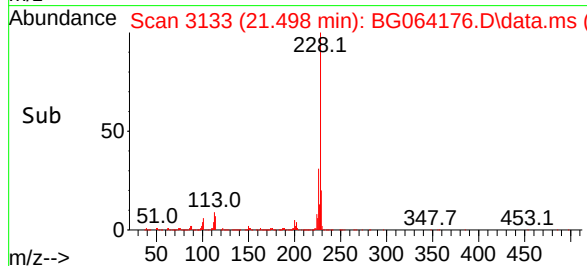
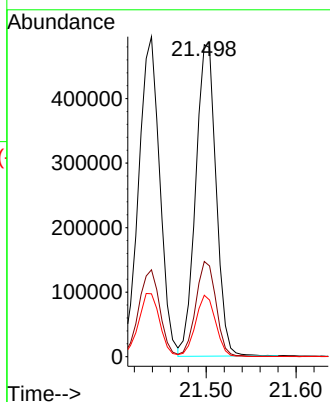
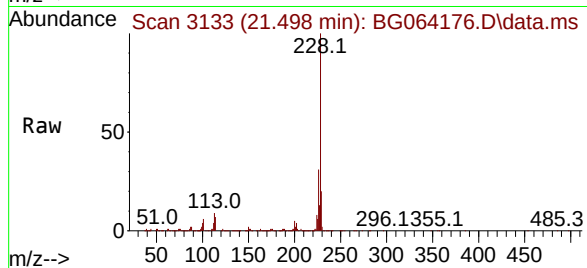
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.5  | 23.9  | 35.9  |
| 229 | 19.7  | 15.3  | 22.9  |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.812 ng

RT: 21.369 min Scan# 3111

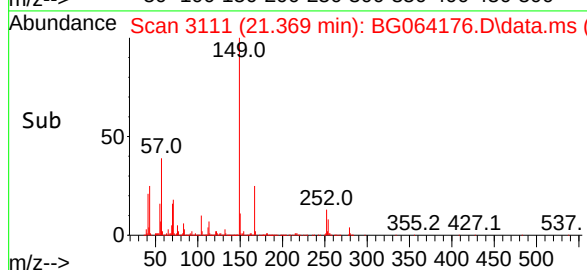
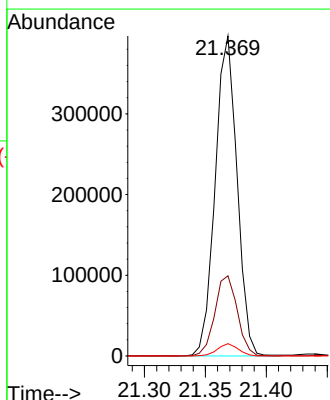
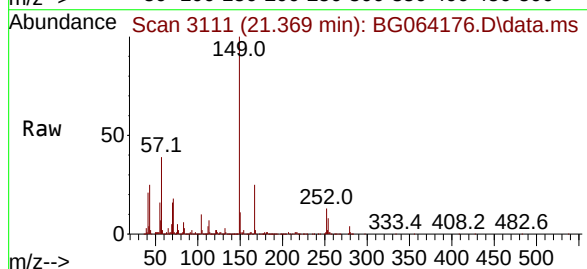
Delta R.T. -0.010 min

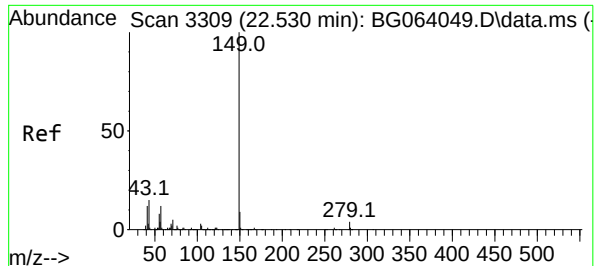
Lab File: BG064176.D

Acq: 3 Apr 2025 21:19

Tgt Ion:149 Resp: 494996

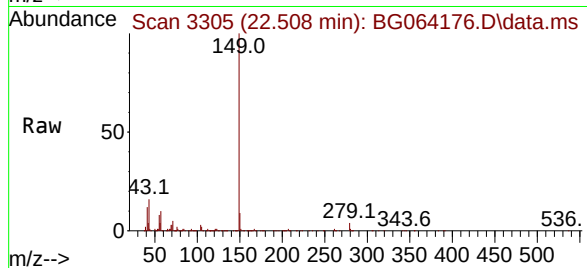
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 25.1  | 21.0  | 31.6  |
| 279 | 3.8   | 2.8   | 4.2   |





#85  
Di-n-octyl phthalate  
Concen: 58.339 ng  
RT: 22.508 min Scan# 31  
Delta R.T. -0.022 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

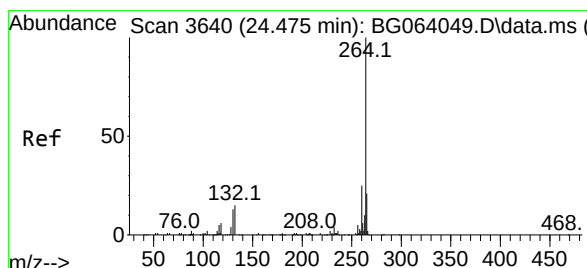
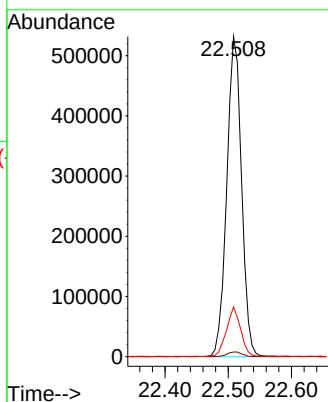
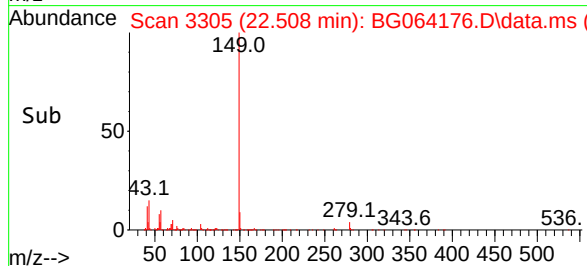
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BSD



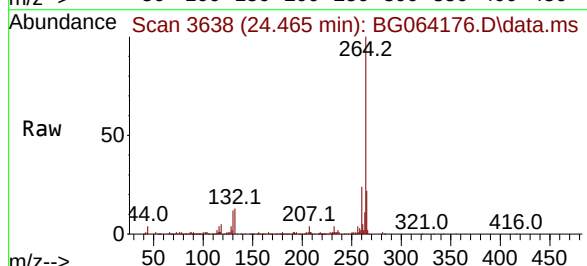
Tgt Ion:149 Resp: 861580  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 14.7 12.6 19.0

Manual Integrations  
APPROVED

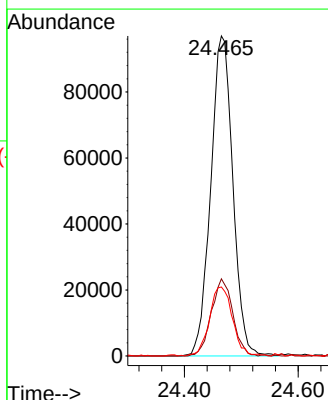
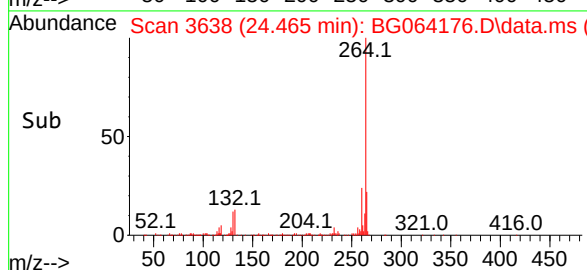
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025

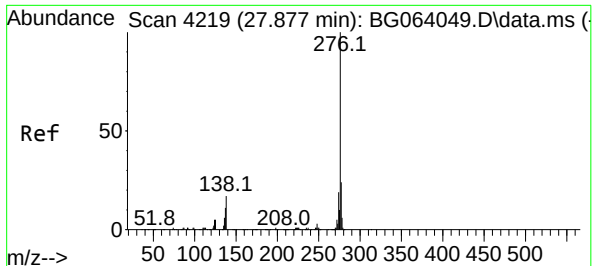


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.465 min Scan# 3638  
Delta R.T. -0.010 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19



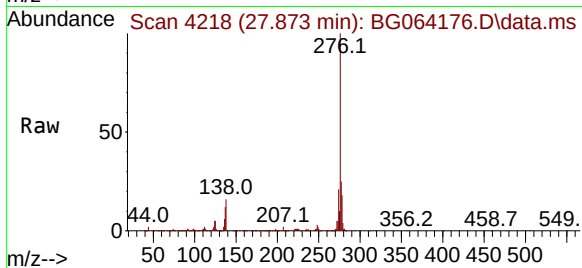
Tgt Ion:264 Resp: 262161  
Ion Ratio Lower Upper  
264 100  
260 24.1 19.6 29.4  
265 21.5 16.6 25.0





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 54.080 ng  
RT: 27.873 min Scan# 4219  
Delta R.T. -0.004 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

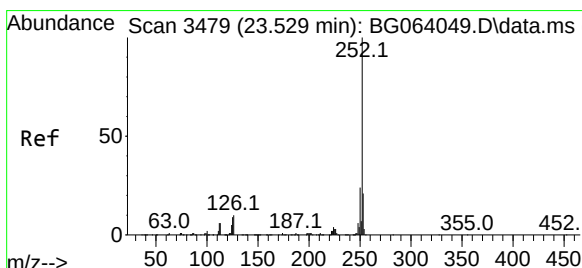
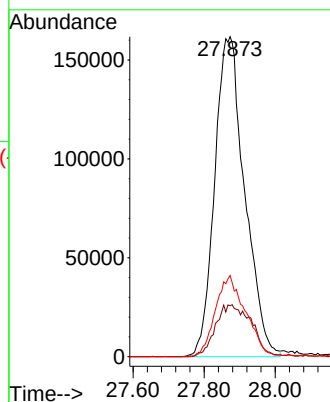
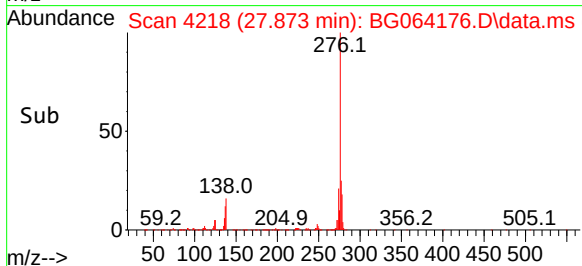
Instrument :  
BNA\_G  
ClientSampleId :  
PB167451BSD



Tgt Ion:276 Resp: 94860  
Ion Ratio Lower Upper  
276 100  
138 19.5 12.1 18.1  
277 25.4 20.0 30.0

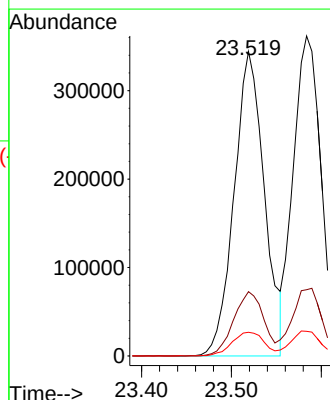
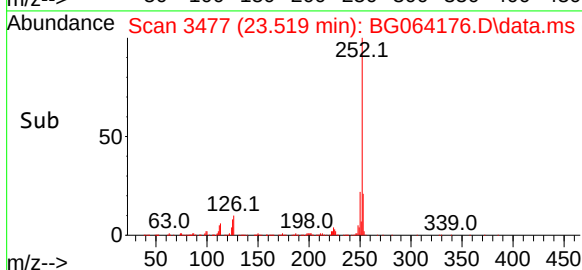
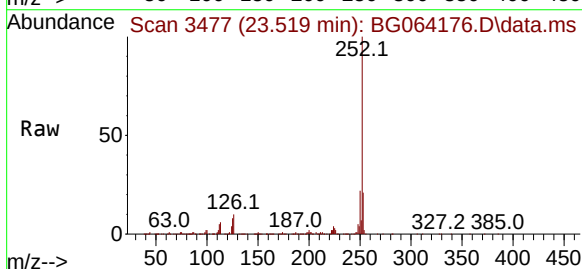
Manual Integrations  
APPROVED

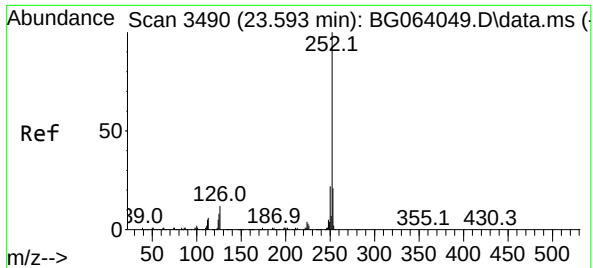
Reviewed By :Rahul Chavli 04/04/2025  
Supervised By :Jagrut Upadhyay 04/04/2025



#88  
Benzo(b)fluoranthene  
Concen: 50.789 ng  
RT: 23.519 min Scan# 3477  
Delta R.T. -0.010 min  
Lab File: BG064176.D  
Acq: 3 Apr 2025 21:19

Tgt Ion:252 Resp: 804926  
Ion Ratio Lower Upper  
252 100  
253 21.1 17.0 25.4  
125 7.8 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 49.111 ng

RT: 23.584 min Scan# 34

Delta R.T. -0.010 min

Lab File: BG064176.D

Acq: 3 Apr 2025 21:19

Instrument :

BNA\_G

ClientSampleId :

PB167451BSD

Tgt Ion:252 Resp: 78083

Ion Ratio Lower Upper

252 100

253 20.7 16.8 25.2

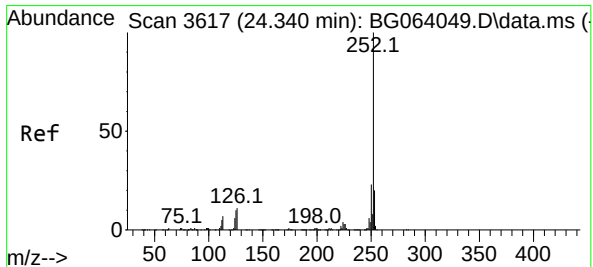
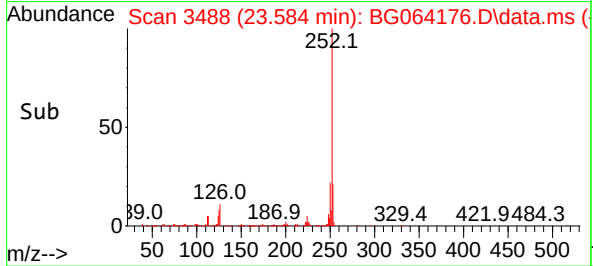
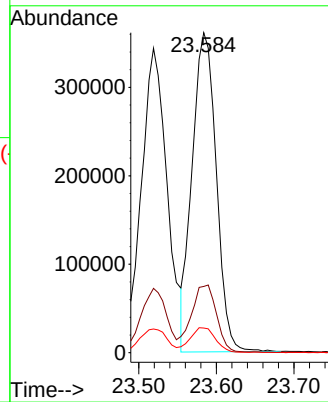
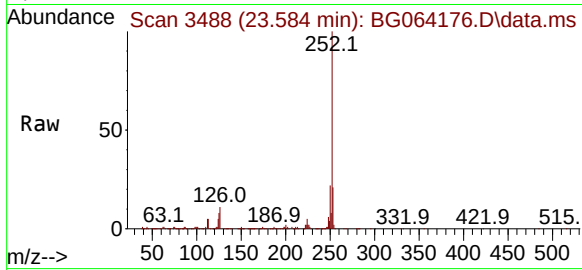
125 7.7 6.9 10.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#90

Benzo(a)pyrene

Concen: 53.976 ng

RT: 24.330 min Scan# 3615

Delta R.T. -0.010 min

Lab File: BG064176.D

Acq: 3 Apr 2025 21:19

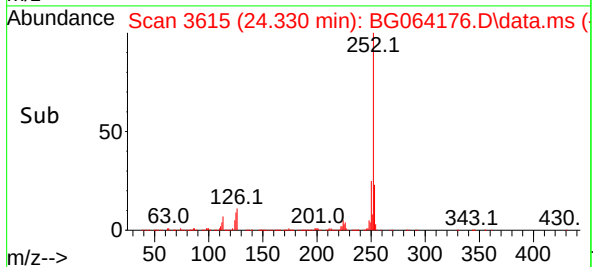
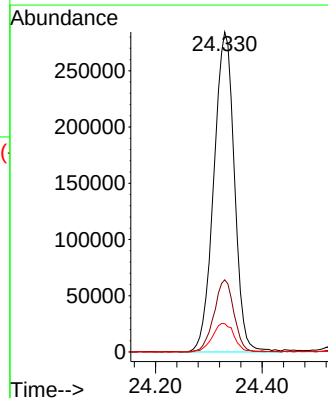
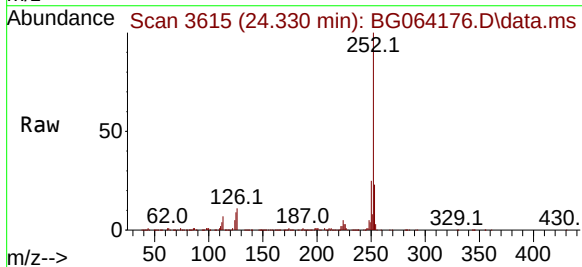
Tgt Ion:252 Resp: 761854

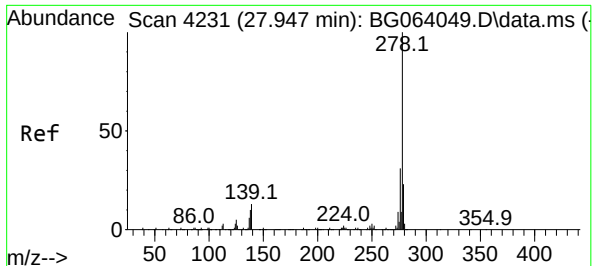
Ion Ratio Lower Upper

252 100

253 22.6 16.2 24.2

125 8.9 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 54.090 ng

RT: 27.926 min Scan# 41

Delta R.T. -0.021 min

Lab File: BG064176.D

Acq: 3 Apr 2025 21:19

Instrument :

BNA\_G

ClientSampleId :

PB167451BSD

Tgt Ion:278 Resp: 78656

Ion Ratio Lower Upper

278 100

139 14.1 10.2 15.2

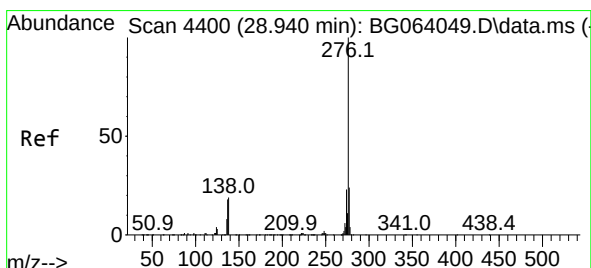
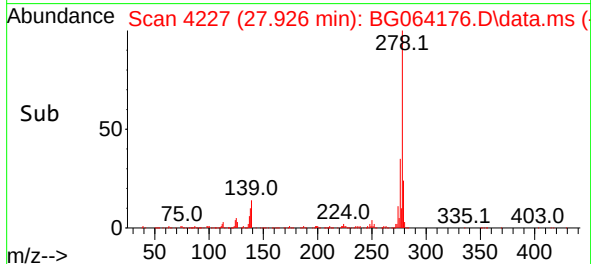
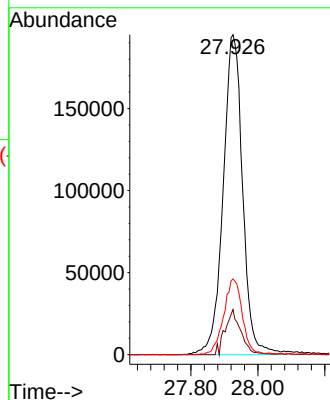
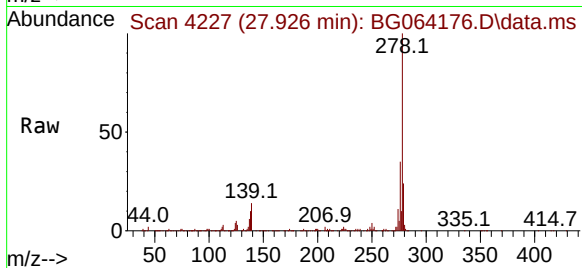
279 23.6 18.1 27.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#92

Benzo(g,h,i)perylene

Concen: 49.778 ng

RT: 28.924 min Scan# 4397

Delta R.T. -0.016 min

Lab File: BG064176.D

Acq: 3 Apr 2025 21:19

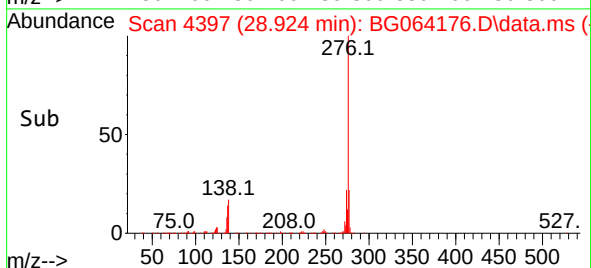
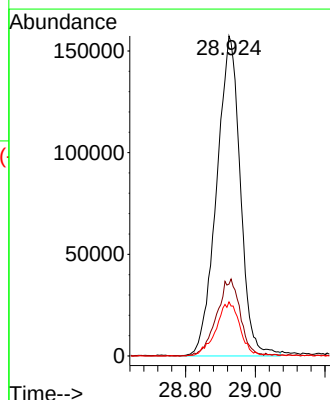
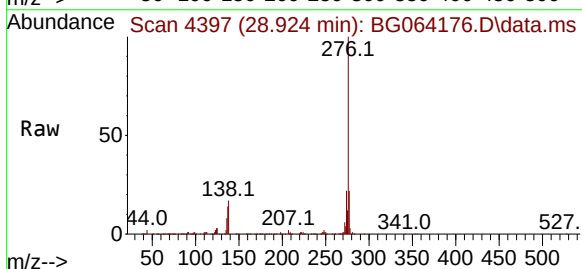
Tgt Ion:276 Resp: 743203

Ion Ratio Lower Upper

276 100

277 22.4 19.5 29.3

138 16.9 15.4 23.0



## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | bg030525 | Instrument | BNA_g |
|-----------|----------|------------|-------|

| Sample ID   | File ID    | Parameter             | Review By | Review On           | Supervised By | Supervised On       | Reason                      |
|-------------|------------|-----------------------|-----------|---------------------|---------------|---------------------|-----------------------------|
| SSTDICC005  | BG064046.D | 1,2-Dichlorobenzene   | Jagrut    | 3/6/2025 5:46:12 PM | mohammad      | 3/7/2025 6:01:50 AM | Peak Integrated by Software |
| SSTDICC005  | BG064046.D | 1,4-Dichlorobenzene   | Jagrut    | 3/6/2025 5:46:12 PM | mohammad      | 3/7/2025 6:01:50 AM | Peak Integrated by Software |
| SSTDICC005  | BG064046.D | 2,4,6-Trichlorophenol | Jagrut    | 3/6/2025 5:46:12 PM | mohammad      | 3/7/2025 6:01:50 AM | Peak Integrated by Software |
| SSTDICC005  | BG064046.D | Acenaphthene          | Jagrut    | 3/6/2025 5:46:12 PM | mohammad      | 3/7/2025 6:01:50 AM | Peak Integrated by Software |
| SSTDICC005  | BG064046.D | Benzidine             | Jagrut    | 3/6/2025 5:46:12 PM | mohammad      | 3/7/2025 6:01:50 AM | Peak Integrated by Software |
| SSTDICC010  | BG064047.D | Acenaphthene          | Jagrut    | 3/6/2025 5:46:22 PM | mohammad      | 3/7/2025 6:01:50 AM | Peak Integrated by Software |
| SSTDICC010  | BG064047.D | Benzaldehyde          | Jagrut    | 3/6/2025 5:46:22 PM | mohammad      | 3/7/2025 6:01:50 AM | Peak Integrated by Software |
| SSTDICC010  | BG064047.D | Benzidine             | Jagrut    | 3/6/2025 5:46:22 PM | mohammad      | 3/7/2025 6:01:50 AM | Peak Integrated by Software |
| SSTDICC010  | BG064047.D | Benzoic acid          | Jagrut    | 3/6/2025 5:46:22 PM | mohammad      | 3/7/2025 6:01:50 AM | Peak Integrated by Software |
| SSTDICC020  | BG064048.D | Acenaphthene          | Jagrut    | 3/6/2025 5:46:24 PM | mohammad      | 3/7/2025 6:01:50 AM | Peak Integrated by Software |
| SSTDICC020  | BG064048.D | Benzaldehyde          | Jagrut    | 3/6/2025 5:46:24 PM | mohammad      | 3/7/2025 6:01:50 AM | Peak Integrated by Software |
| SSTDICC020  | BG064048.D | Benzoic acid          | Jagrut    | 3/6/2025 5:46:24 PM | mohammad      | 3/7/2025 6:01:50 AM | Peak Integrated by Software |
| SSTDICCC040 | BG064049.D | Acenaphthene          | Jagrut    | 3/6/2025 5:46:27 PM | mohammad      | 3/7/2025 6:01:50 AM | Peak Integrated by Software |



## Manual Integration Report

Sequence:

bg030525

Instrument

BNA\_g

| Sample ID   | File ID    | Parameter    | Review By | Review On           | Supervised By | Supervised On       | Reason                      |
|-------------|------------|--------------|-----------|---------------------|---------------|---------------------|-----------------------------|
| SSTDICCC040 | BG064049.D | Benzoic acid | Jagrut    | 3/6/2025 5:46:27 PM | mohammad      | 3/7/2025 6:01:50 AM | Peak Integrated by Software |
| SSTDICCC050 | BG064050.D | Acenaphthene | Jagrut    | 3/6/2025 5:46:30 PM | mohammad      | 3/7/2025 6:01:50 AM | Peak Integrated by Software |
| SSTDICCC050 | BG064050.D | Benzoic acid | Jagrut    | 3/6/2025 5:46:30 PM | mohammad      | 3/7/2025 6:01:50 AM | Peak Integrated by Software |
| SSTDICCC060 | BG064051.D | Benzoic acid | Jagrut    | 3/6/2025 5:46:32 PM | mohammad      | 3/7/2025 6:01:50 AM | Peak Integrated by Software |
| SSTDICCC080 | BG064052.D | Benzoic acid | Jagrut    | 3/6/2025 5:46:36 PM | mohammad      | 3/7/2025 6:01:50 AM | Peak Integrated by Software |
| SSTDICV040  | BG064053.D | Acenaphthene | Jagrut    | 3/6/2025 5:46:42 PM | mohammad      | 3/7/2025 6:01:50 AM | Peak Integrated by Software |
| SSTDICV040  | BG064053.D | Benzaldehyde | Jagrut    | 3/6/2025 5:46:42 PM | mohammad      | 3/7/2025 6:01:50 AM | Peak Integrated by Software |
| SSTDICV040  | BG064053.D | Benzoic acid | Jagrut    | 3/6/2025 5:46:42 PM | mohammad      | 3/7/2025 6:01:50 AM | Peak Integrated by Software |

## Manual Integration Report

Sequence:

BG040325

Instrument

BNA\_g

| Sample ID   | File ID    | Parameter                 | Review By | Review On            | Supervised By | Supervised On        | Reason                      |
|-------------|------------|---------------------------|-----------|----------------------|---------------|----------------------|-----------------------------|
| SSTDCCC040  | BG064164.D | Benzoic acid              | anahy     | 4/4/2025 10:53:43 AM | Jagrut        | 4/4/2025 11:51:59 AM | Peak Integrated by Software |
| PB167451BS  | BG064175.D | Caprolactam               | Rahul     | 4/4/2025 11:47:18 AM | Jagrut        | 4/4/2025 11:52:15 AM | Peak Integrated by Software |
| PB167451BSD | BG064176.D | Benzoic acid              | Rahul     | 4/4/2025 11:47:21 AM | Jagrut        | 4/4/2025 11:52:17 AM | Peak Integrated by Software |
| PB167451BSD | BG064176.D | Caprolactam               | Rahul     | 4/4/2025 11:47:21 AM | Jagrut        | 4/4/2025 11:52:17 AM | Peak Integrated by Software |
| SSTDCCC040  | BG064180.D | 2,3,4,6-Tetrachlorophenol | Rahul     | 4/4/2025 11:47:25 AM | Jagrut        | 4/4/2025 11:52:22 AM | Peak Integrated by Software |
| SSTDCCC040  | BG064180.D | Benzoic acid              | Rahul     | 4/4/2025 11:47:25 AM | Jagrut        | 4/4/2025 11:52:22 AM | Peak Integrated by Software |

Instrument ID: **BNA\_G**

**Daily Analysis Runlog For Sequence/QC Batch ID # BG030525**

|                          |          |                                                         |                     |                      |          |
|--------------------------|----------|---------------------------------------------------------|---------------------|----------------------|----------|
| Review By                | Jagrut   | Review On                                               | 3/6/2025 5:46:57 PM |                      |          |
| Supervise By             | mohammad | Supervise On                                            | 3/7/2025 6:01:50 AM |                      |          |
| SubDirectory             | BG030525 | HP Acquire Method                                       | BNA_G               | HP Processing Method | bg030525 |
| STD. NAME                |          | STD REF.#                                               |                     |                      |          |
| Tune/Reschk              |          | SP6717                                                  |                     |                      |          |
| Initial Calibration Stds |          | SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729 |                     |                      |          |
| CCC                      |          | SP6725                                                  |                     |                      |          |
| Internal Standard/PEM    |          | S12653,10ul/1000ul sample                               |                     |                      |          |
| ICV/I.BLK                |          | SP6686                                                  |                     |                      |          |
| Surrogate Standard       |          |                                                         |                     |                      |          |
| MS/MSD Standard          |          |                                                         |                     |                      |          |
| LCS Standard             |          |                                                         |                     |                      |          |

| Sr# | SampleId    | Data File Name | Date-Time        | Operator | Status |
|-----|-------------|----------------|------------------|----------|--------|
| 1   | DFTPP       | BG064044.D     | 5 Mar 2025 8:15  | RC/JU    | Ok     |
| 2   | SSTDICC2.5  | BG064045.D     | 5 Mar 2025 9:02  | RC/JU    | Ok     |
| 3   | SSTDICC005  | BG064046.D     | 5 Mar 2025 9:42  | RC/JU    | Ok,M   |
| 4   | SSTDICC010  | BG064047.D     | 5 Mar 2025 10:22 | RC/JU    | Ok,M   |
| 5   | SSTDICC020  | BG064048.D     | 5 Mar 2025 11:03 | RC/JU    | Ok,M   |
| 6   | SSTDICCC040 | BG064049.D     | 5 Mar 2025 11:43 | RC/JU    | Ok,M   |
| 7   | SSTDICC050  | BG064050.D     | 5 Mar 2025 12:23 | RC/JU    | Ok,M   |
| 8   | SSTDICC060  | BG064051.D     | 5 Mar 2025 13:04 | RC/JU    | Ok,M   |
| 9   | SSTDICC080  | BG064052.D     | 5 Mar 2025 13:44 | RC/JU    | Ok,M   |
| 10  | SSTDICV040  | BG064053.D     | 5 Mar 2025 15:10 | RC/JU    | Ok,M   |
| 11  | PB166970BL  | BG064054.D     | 5 Mar 2025 15:50 | RC/JU    | Ok     |

M : Manual Integration

Instrument ID: **BNA\_G**

**Daily Analysis Runlog For Sequence/QC Batch ID # BG040325**

|                          |          |                                                         |                      |                      |          |
|--------------------------|----------|---------------------------------------------------------|----------------------|----------------------|----------|
| Review By                | Rahul    | Review On                                               | 4/4/2025 11:48:21 AM |                      |          |
| Supervise By             | Jagrut   | Supervise On                                            | 4/4/2025 11:52:54 AM |                      |          |
| SubDirectory             | BG040325 | HP Acquire Method                                       | BNA_G                | HP Processing Method | bg030525 |
| STD. NAME                |          | STD REF.#                                               |                      |                      |          |
| Tune/Reschk              |          | SP6757                                                  |                      |                      |          |
| Initial Calibration Stds |          | SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729 |                      |                      |          |
| CCC                      |          | SP6725                                                  |                      |                      |          |
| Internal Standard/PEM    |          | S12657,10ul/1000ul sample                               |                      |                      |          |
| ICV/I.BLK                |          | SP6686                                                  |                      |                      |          |
| Surrogate Standard       |          |                                                         |                      |                      |          |
| MS/MSD Standard          |          |                                                         |                      |                      |          |
| LCS Standard             |          |                                                         |                      |                      |          |

| Sr# | SampleId    | Data File Name | Date-Time        | Operator | Status |
|-----|-------------|----------------|------------------|----------|--------|
| 1   | DFTPP       | BG064163.D     | 3 Apr 2025 12:24 | RC/JU    | Ok     |
| 2   | SSTDCCC040  | BG064164.D     | 3 Apr 2025 13:04 | RC/JU    | Ok,M   |
| 3   | PB167380BL  | BG064165.D     | 3 Apr 2025 13:45 | RC/JU    | Ok     |
| 4   | PB167380BS  | BG064166.D     | 3 Apr 2025 14:25 | RC/JU    | Ok,M   |
| 5   | PB167376BL  | BG064167.D     | 3 Apr 2025 15:13 | RC/JU    | Ok     |
| 6   | PB167417BS  | BG064168.D     | 3 Apr 2025 15:54 | RC/JU    | Ok,M   |
| 7   | PB167393TB  | BG064169.D     | 3 Apr 2025 16:34 | RC/JU    | Ok     |
| 8   | PB167376BS  | BG064170.D     | 3 Apr 2025 17:15 | RC/JU    | Ok,M   |
| 9   | PB167393BL  | BG064171.D     | 3 Apr 2025 17:56 | RC/JU    | Ok     |
| 10  | PB167376BSD | BG064172.D     | 3 Apr 2025 18:36 | RC/JU    | Ok,M   |
| 11  | PB167393BS  | BG064173.D     | 3 Apr 2025 19:17 | RC/JU    | Ok,M   |
| 12  | PB167451BL  | BG064174.D     | 3 Apr 2025 19:58 | RC/JU    | Ok     |
| 13  | PB167451BS  | BG064175.D     | 3 Apr 2025 20:38 | RC/JU    | Ok,M   |
| 14  | PB167451BSD | BG064176.D     | 3 Apr 2025 21:19 | RC/JU    | Ok,M   |
| 15  | PB167445BS  | BG064177.D     | 3 Apr 2025 22:00 | RC/JU    | Ok,M   |
| 16  | Q1690-01    | BG064178.D     | 3 Apr 2025 22:40 | RC/JU    | Ok     |
| 17  | DFTPP       | BG064179.D     | 3 Apr 2025 23:21 | RC/JU    | Ok     |
| 18  | SSTDCCC040  | BG064180.D     | 4 Apr 2025 00:02 | RC/JU    | Ok,M   |
| 19  | PB167445BL  | BG064181.D     | 4 Apr 2025 00:42 | RC/JU    | Ok     |
| 20  | PB167408TB  | BG064182.D     | 4 Apr 2025 1:23  | RC/JU    | Ok     |
| 21  | Q1680-04    | BG064183.D     | 4 Apr 2025 2:04  | RC/JU    | Ok     |

Instrument ID: **BNA\_G**

**Daily Analysis Runlog For Sequence/QC Batch ID # BG040325**

| Review By                | Rahul    | Review On                                               | 4/4/2025 11:48:21 AM |                      |          |
|--------------------------|----------|---------------------------------------------------------|----------------------|----------------------|----------|
| Supervise By             | Jagrut   | Supervise On                                            | 4/4/2025 11:52:54 AM |                      |          |
| SubDirectory             | BG040325 | HP Acquire Method                                       | BNA_G                | HP Processing Method | bg030525 |
| STD. NAME                |          | STD REF.#                                               |                      |                      |          |
| Tune/Reschk              |          | SP6757                                                  |                      |                      |          |
| Initial Calibration Stds |          | SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729 |                      |                      |          |
| CCC                      |          | SP6725                                                  |                      |                      |          |
| Internal Standard/PEM    |          | S12657,10ul/1000ul sample                               |                      |                      |          |
| ICV/I.BLK                |          | SP6686                                                  |                      |                      |          |
| Surrogate Standard       |          |                                                         |                      |                      |          |
| MS/MSD Standard          |          |                                                         |                      |                      |          |
| LCS Standard             |          |                                                         |                      |                      |          |

|    |             |            |                 |       |      |
|----|-------------|------------|-----------------|-------|------|
| 22 | Q1680-04MS  | BG064184.D | 4 Apr 2025 2:44 | RC/JU | Ok,M |
| 23 | Q1680-04MSD | BG064185.D | 4 Apr 2025 3:25 | RC/JU | Ok,M |
| 24 | Q1681-04    | BG064186.D | 4 Apr 2025 4:05 | RC/JU | Ok   |
| 25 | Q1693-04    | BG064187.D | 4 Apr 2025 4:46 | RC/JU | Ok   |
| 26 | Q1693-08    | BG064188.D | 4 Apr 2025 5:26 | RC/JU | Ok   |
| 27 | Q1693-12    | BG064189.D | 4 Apr 2025 6:07 | RC/JU | Ok   |
| 28 | Q1694-04    | BG064190.D | 4 Apr 2025 6:47 | RC/JU | Ok   |
| 29 | Q1695-04    | BG064191.D | 4 Apr 2025 7:27 | RC/JU | Ok   |
| 30 | Q1695-08    | BG064192.D | 4 Apr 2025 8:08 | RC/JU | Ok   |
| 31 | Q1705-02    | BG064193.D | 4 Apr 2025 8:48 | RC/JU | Ok   |
| 32 | Q1705-01    | BG064194.D | 4 Apr 2025 9:28 | RC/JU | Ok   |

M : Manual Integration

Instrument ID: BNA\_G

**Daily Analysis Runlog For Sequence/QC Batch ID # BG030525**

|              |          |                      |                     |
|--------------|----------|----------------------|---------------------|
| Review By    | Jagrut   | Review On            | 3/6/2025 5:46:57 PM |
| Supervise By | mohammad | Supervise On         | 3/7/2025 6:01:50 AM |
| SubDirectory | BG030525 | HP Acquire Method    | BNA_G               |
|              |          | HP Processing Method | bg030525            |

| STD. NAME                | STD REF.#                                               |
|--------------------------|---------------------------------------------------------|
| Tune/Reschk              | SP6717                                                  |
| Initial Calibration Stds | SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729 |
| CCC                      | SP6725                                                  |
| Internal Standard/PEM    | S12653,10ul/1000ul sample                               |
| ICV/I.BLK                | SP6686                                                  |
| Surrogate Standard       |                                                         |
| MS/MSD Standard          |                                                         |
| LCS Standard             |                                                         |

| Sr# | SampleID    | ClientID    | Data File Name | Date-Time        | Comment                                                                           | Operator | Status |
|-----|-------------|-------------|----------------|------------------|-----------------------------------------------------------------------------------|----------|--------|
| 1   | DFTPP       | DFTPP       | BG064044.D     | 5 Mar 2025 8:15  |                                                                                   | RC/JU    | Ok     |
| 2   | SSTDICC2.5  | SSTDICC2.5  | BG064045.D     | 5 Mar 2025 9:02  |                                                                                   | RC/JU    | Ok     |
| 3   | SSTDICC005  | SSTDICC005  | BG064046.D     | 5 Mar 2025 9:42  | Compound#32,54,56,65,70,85 removed from 5 ppm                                     | RC/JU    | Ok,M   |
| 4   | SSTDICC010  | SSTDICC010  | BG064047.D     | 5 Mar 2025 10:22 |                                                                                   | RC/JU    | Ok,M   |
| 5   | SSTDICC020  | SSTDICC020  | BG064048.D     | 5 Mar 2025 11:03 | Compound#32,51,54,57,65,80 Kept on LR & Compound#26,48 Kept on QR                 | RC/JU    | Ok,M   |
| 6   | SSTDICCC040 | SSTDICCC040 | BG064049.D     | 5 Mar 2025 11:43 | Calibration is good for 8270 E and 8270 DOD. Benzidine failed in the Calibration. | RC/JU    | Ok,M   |
| 7   | SSTDICC050  | SSTDICC050  | BG064050.D     | 5 Mar 2025 12:23 |                                                                                   | RC/JU    | Ok,M   |
| 8   | SSTDICC060  | SSTDICC060  | BG064051.D     | 5 Mar 2025 13:04 | Compound#69 removed from 60 ppm                                                   | RC/JU    | Ok,M   |
| 9   | SSTDICC080  | SSTDICC080  | BG064052.D     | 5 Mar 2025 13:44 | Compound#9,69 removed from 80 ppm                                                 | RC/JU    | Ok,M   |
| 10  | SSTDICV040  | ICVBG030525 | BG064053.D     | 5 Mar 2025 15:10 |                                                                                   | RC/JU    | Ok,M   |
| 11  | PB166970BL  | PB166970BL  | BG064054.D     | 5 Mar 2025 15:50 |                                                                                   | RC/JU    | Ok     |

M : Manual Integration

Instrument ID: BNA\_G

**Daily Analysis Runlog For Sequence/QC Batch ID # BG040325**

|              |          |                      |                      |
|--------------|----------|----------------------|----------------------|
| Review By    | Rahul    | Review On            | 4/4/2025 11:48:21 AM |
| Supervise By | Jagrut   | Supervise On         | 4/4/2025 11:52:54 AM |
| SubDirectory | BG040325 | HP Acquire Method    | BNA_G                |
|              |          | HP Processing Method | bg030525             |

| STD. NAME                | STD REF.#                                               |
|--------------------------|---------------------------------------------------------|
| Tune/Reschk              | SP6757                                                  |
| Initial Calibration Stds | SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729 |
| CCC                      | SP6725                                                  |
| Internal Standard/PEM    | S12657,10ul/1000ul sample                               |
| ICV/I.BLK                | SP6686                                                  |
| Surrogate Standard       |                                                         |
| MS/MSD Standard          |                                                         |
| LCS Standard             |                                                         |

| Sr# | SampleID    | ClientID    | Data File Name | Date-Time        | Comment        | Operator | Status |
|-----|-------------|-------------|----------------|------------------|----------------|----------|--------|
| 1   | DFTPP       | DFTPP       | BG064163.D     | 3 Apr 2025 12:24 |                | RC/JU    | Ok     |
| 2   | SSTDCCC040  | SSTDCCC040  | BG064164.D     | 3 Apr 2025 13:04 |                | RC/JU    | Ok,M   |
| 3   | PB167380BL  | PB167380BL  | BG064165.D     | 3 Apr 2025 13:45 |                | RC/JU    | Ok     |
| 4   | PB167380BS  | PB167380BS  | BG064166.D     | 3 Apr 2025 14:25 |                | RC/JU    | Ok,M   |
| 5   | PB167376BL  | PB167376BL  | BG064167.D     | 3 Apr 2025 15:13 |                | RC/JU    | Ok     |
| 6   | PB167417BS  | PB167417BS  | BG064168.D     | 3 Apr 2025 15:54 |                | RC/JU    | Ok,M   |
| 7   | PB167393TB  | PB167393TB  | BG064169.D     | 3 Apr 2025 16:34 |                | RC/JU    | Ok     |
| 8   | PB167376BS  | PB167376BS  | BG064170.D     | 3 Apr 2025 17:15 |                | RC/JU    | Ok,M   |
| 9   | PB167393BL  | PB167393BL  | BG064171.D     | 3 Apr 2025 17:56 |                | RC/JU    | Ok     |
| 10  | PB167376BSD | PB167376BSD | BG064172.D     | 3 Apr 2025 18:36 |                | RC/JU    | Ok,M   |
| 11  | PB167393BS  | PB167393BS  | BG064173.D     | 3 Apr 2025 19:17 |                | RC/JU    | Ok,M   |
| 12  | PB167451BL  | PB167451BL  | BG064174.D     | 3 Apr 2025 19:58 |                | RC/JU    | Ok     |
| 13  | PB167451BS  | PB167451BS  | BG064175.D     | 3 Apr 2025 20:38 |                | RC/JU    | Ok,M   |
| 14  | PB167451BSD | PB167451BSD | BG064176.D     | 3 Apr 2025 21:19 |                | RC/JU    | Ok,M   |
| 15  | PB167445BS  | PB167445BS  | BG064177.D     | 3 Apr 2025 22:00 |                | RC/JU    | Ok,M   |
| 16  | Q1690-01    | MW112010    | BG064178.D     | 3 Apr 2025 22:40 | Surrogate Fail | RC/JU    | Ok     |
| 17  | DFTPP       | DFTPP       | BG064179.D     | 3 Apr 2025 23:21 |                | RC/JU    | Ok     |
| 18  | SSTDCCC040  | SSTDCCC040  | BG064180.D     | 4 Apr 2025 00:02 |                | RC/JU    | Ok,M   |

Instrument ID: BNA\_G

**Daily Analysis Runlog For Sequence/QC Batch ID # BG040325**

| Review By                | Rahul                                                   | Review On         | 4/4/2025 11:48:21 AM |                      |          |
|--------------------------|---------------------------------------------------------|-------------------|----------------------|----------------------|----------|
| Supervise By             | Jagrut                                                  | Supervise On      | 4/4/2025 11:52:54 AM |                      |          |
| SubDirectory             | BG040325                                                | HP Acquire Method | BNA_G                | HP Processing Method | bg030525 |
| STD. NAME                | STD REF.#                                               |                   |                      |                      |          |
| Tune/Reschk              | SP6757                                                  |                   |                      |                      |          |
| Initial Calibration Stds | SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729 |                   |                      |                      |          |
| CCC                      | SP6725                                                  |                   |                      |                      |          |
| Internal Standard/PEM    | S12657,10ul/1000ul sample                               |                   |                      |                      |          |
| ICV/I.BLK                | SP6686                                                  |                   |                      |                      |          |
| Surrogate Standard       |                                                         |                   |                      |                      |          |
| MS/MSD Standard          |                                                         |                   |                      |                      |          |
| LCS Standard             |                                                         |                   |                      |                      |          |

|    |             |            |            |                  |  |       |      |
|----|-------------|------------|------------|------------------|--|-------|------|
| 19 | PB167445BL  | PB167445BL | BG064181.D | 4 Apr 2025 00:42 |  | RC/JU | Ok   |
| 20 | PB167408TB  | PB167408TB | BG064182.D | 4 Apr 2025 1:23  |  | RC/JU | Ok   |
| 21 | Q1680-04    | TP-4       | BG064183.D | 4 Apr 2025 2:04  |  | RC/JU | Ok   |
| 22 | Q1680-04MS  | TP-4MS     | BG064184.D | 4 Apr 2025 2:44  |  | RC/JU | Ok,M |
| 23 | Q1680-04MSD | TP-4MSD    | BG064185.D | 4 Apr 2025 3:25  |  | RC/JU | Ok,M |
| 24 | Q1681-04    | TP-12      | BG064186.D | 4 Apr 2025 4:05  |  | RC/JU | Ok   |
| 25 | Q1693-04    | WCS-TP-3   | BG064187.D | 4 Apr 2025 4:46  |  | RC/JU | Ok   |
| 26 | Q1693-08    | WCS-TP-2   | BG064188.D | 4 Apr 2025 5:26  |  | RC/JU | Ok   |
| 27 | Q1693-12    | WCS-TP-1   | BG064189.D | 4 Apr 2025 6:07  |  | RC/JU | Ok   |
| 28 | Q1694-04    | TP-18      | BG064190.D | 4 Apr 2025 6:47  |  | RC/JU | Ok   |
| 29 | Q1695-04    | TT-2       | BG064191.D | 4 Apr 2025 7:27  |  | RC/JU | Ok   |
| 30 | Q1695-08    | TT-3       | BG064192.D | 4 Apr 2025 8:08  |  | RC/JU | Ok   |
| 31 | Q1705-02    | ETGI-275   | BG064193.D | 4 Apr 2025 8:48  |  | RC/JU | Ok   |
| 32 | Q1705-01    | ETGI-327   | BG064194.D | 4 Apr 2025 9:28  |  | RC/JU | Ok   |

M : Manual Integration



|                           |                                                                                                                                                                                                                      |                                |            |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|------------|
| <b>SOP ID:</b>            | M3510C,3580A-Extraction SVOC-20                                                                                                                                                                                      |                                |            |
| <b>Clean Up SOP #:</b>    | N/A                                                                                                                                                                                                                  | <b>Extraction Start Date :</b> | 04/03/2025 |
| <b>Matrix :</b>           | Water                                                                                                                                                                                                                | <b>Extraction Start Time :</b> | 10:10      |
| <b>Weigh By:</b>          | N/A                                                                                                                                                                                                                  | <b>Extraction By:</b>          | RJ         |
| <b>Balance check:</b>     | N/A                                                                                                                                                                                                                  | <b>Extraction End Date :</b>   | 04/03/2025 |
| <b>Balance ID:</b>        | N/A                                                                                                                                                                                                                  | <b>Filter By:</b>              | RJ         |
| <b>pH Strip Lot#:</b>     | E3880                                                                                                                                                                                                                | <b>Extraction End Time :</b>   | 15:05      |
|                           |                                                                                                                                                                                                                      | <b>Concentration By:</b>       | EH         |
|                           |                                                                                                                                                                                                                      | <b>Supervisor By :</b>         | rajesh     |
| <b>Extraction Method:</b> | <input checked="" type="checkbox"/> Separatory Funnel <input type="checkbox"/> Continuous Liquid/Liquid <input type="checkbox"/> Sonication <input type="checkbox"/> Waste Dilution <input type="checkbox"/> Soxhlet |                                |            |

| Standard Name | MLS USED | Concentration ug/mL | STD REF. # FROM LOG |
|---------------|----------|---------------------|---------------------|
| Spike Sol 1   | 1.0ML    | 50/100 PPM          | SP6720              |
| Surrogate     | 1.0ML    | 100/150 PPM         | SP6638              |
| N/A           | N/A      | N/A                 | N/A                 |
| N/A           | N/A      | N/A                 | N/A                 |
| N/A           | N/A      | N/A                 | N/A                 |

| Chemical Used      | ML/SAMPLE USED | Lot Number |
|--------------------|----------------|------------|
| Methylene Chloride | N/A            | E3904      |
| Baked Na2SO4       | N/A            | EP2595     |
| 10N NaoH           | N/A            | EP2559     |
| H2SO4 1:1          | N/A            | EP2565     |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |

**Extraction Conformance/Non-Conformance Comments:**

1.5ML Vial lot# 2210673. pH Adjusted<2 with 1:1 H2SO4 & >11 with 10 N NaOH.

|                             |                |                           |          |
|-----------------------------|----------------|---------------------------|----------|
| <b>KD Bath ID:</b>          | WATER BATH-1,2 | <b>Envap ID:</b>          | NEVAP-02 |
| <b>KD Bath Temperature:</b> | 60 °C          | <b>Envap Temperature:</b> | 40 °C    |

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|-------------|-----------------------------------------|----------------------|
| 04/03/25    | RP (E4.2 ab)                            | RC/svoc              |
| 15:10       | Preparation Group                       | Analysis Group       |

Analytical Method: M3510C,3580A-Extraction SVOC-20

Concentration Date: 04/03/2025

| Sample ID       | Client Sample ID | Test                | g / mL | PH | Surr/Spike By: |            | Final Vol.<br>(mL) | JarID | Comments | Prep<br>Pos |
|-----------------|------------------|---------------------|--------|----|----------------|------------|--------------------|-------|----------|-------------|
|                 |                  |                     |        |    | AddedBy        | VerifiedBy |                    |       |          |             |
| PB167451BL      | SBLK451          | SVOC-TCL BNA<br>-20 | 1000   | 6  | ritesh         | rajesh     | 1                  |       |          | SEP-13      |
| PB167451BS      | SLCS451          | SVOC-TCL BNA<br>-20 | 1000   | 6  | ritesh         | rajesh     | 1                  |       |          | 14          |
| PB167451BS<br>D | SLCSD451         | SVOC-TCL BNA<br>-20 | 1000   | 6  | ritesh         | rajesh     | 1                  |       |          | 15          |
| Q1690-01        | MW112010         | SVOC-TCL BNA<br>-20 | 1000   | 6  | ritesh         | rajesh     | 1                  | D     |          | 16          |

\* Extracts relinquished on the same date as received.

2  
UL3125

# WORKLIST(Hardcopy Internal Chain)

**WorkList Name :** Q1690      **WorkList ID :** 188716      **Department :** Extraction      **Date :** 04-03-2025 10:09:17

| Sample   | Customer Sample | Matrix | Test             | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|----------|-----------------|--------|------------------|--------------|----------|-----------------------------|--------------|--------|
| Q1690-01 | MW112010        | Water  | SVOC-TCL BNA -20 | Cool 4 deg C | GENV01   | I31                         | 03/31/2025   | 8270E  |

**Date/Time** 04/03/25 10:09  
**Raw Sample Received by:** PJ (Exp last) (smc)  
**Raw Sample Relinquished by:** PJ (Exp last) (smc)

**Date/Time** 04/03/25 10:20  
**Raw Sample Received by:** PJ (Exp last) (smc)  
**Raw Sample Relinquished by:** PJ (Exp last) (smc)



# SHIPPING DOCUMENTS

|                      |         |
|----------------------|---------|
| ALLIANCE PROJECT NO. |         |
| QUOTE NO.            | Q1690   |
| COC Number           | 2045868 |

### Laboratory Certification

| Certified By         | License No.      |
|----------------------|------------------|
|                      |                  |
| CAS EPA CLP Contract | 68HERH20D0011    |
|                      |                  |
| Connecticut          | PH-0830          |
|                      |                  |
| DOD ELAP (ANAB)      | L2219            |
|                      |                  |
| Maine                | 2024021          |
|                      |                  |
| Maryland             | 296              |
|                      |                  |
| New Hampshire        | 255424 Rev 1     |
|                      |                  |
| New Jersey           | 20012            |
|                      |                  |
| New York             | 11376            |
|                      |                  |
| Pennsylvania         | 68-00548         |
|                      |                  |
| Soil Permit          | 525-24-234-08441 |
|                      |                  |
| Texas                | T104704488       |

## LOGIN REPORT/SAMPLE TRANSFER

|                                       |        |                                                |                                                          |
|---------------------------------------|--------|------------------------------------------------|----------------------------------------------------------|
| <b>Order ID :</b> Q1690               | GENV01 | <b>Order Date :</b> 4/1/2025 12:32:10 PM       | <b>Project Mgr :</b>                                     |
| <b>Client Name :</b> G Environmental  |        | <b>Project Name :</b> TGP                      | <b>Report Type :</b> <del>Level 1</del> <b>NJ Reduce</b> |
| <b>Client Contact :</b> Gary Landis   |        | <b>Receive DateTime :</b> 4/1/2025 12:20:00 PM | <b>EDD Type :</b> Excel NJ                               |
| <b>Invoice Name :</b> G Environmental |        | <b>Purchase Order :</b>                        | <b>Hard Copy Date :</b>                                  |
| <b>Invoice Contact :</b> Gary Landis  |        |                                                | <b>Date Signoff :</b>                                    |

| LAB ID   | CLIENT ID | MATRIX | SAMPLE DATE | SAMPLE TIME | TEST          | TEST GROUP | METHOD | FAX DATE | DUE DATES    |
|----------|-----------|--------|-------------|-------------|---------------|------------|--------|----------|--------------|
| Q1690-01 | MW112010  | Water  | 03/31/2025  | 13:15       | VOC-TCLVOA-10 |            | 8260D  |          | 10 Bus. Days |

Relinquished By :

Date / Time :

  
4/1/25 1245

Received By :

Date / Time :

  
4.1.25 12:45

Storage Area : VOA Refridgerator Room