

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN090624\  
 Data File : BN033779.D  
 Acq On : 06 Sep 2024 12:57  
 Operator : MA/JU  
 Sample : P2403-09  
 Misc : MDL-MDL-WATER-0.2ng  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-WATER-03-QT2-2024

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/07/2024  
 Supervised By :mohammad ahmed 09/07/2024

Quant Time: Sep 06 13:23:30 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN090424.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 04 18:36:01 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.516  | 152  | 7591     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.272 | 136  | 20371    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.146 | 164  | 9569     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 16.905 | 188  | 19181    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.113 | 240  | 15388    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.271 | 264  | 16331    | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.154  | 112  | 7063     | 0.304 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.707  | 99   | 9298     | 0.338 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.649  | 82   | 6188     | 0.357 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 11.869 | 152  | 16040    | 0.557 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.651 | 330  | 1434     | 0.297 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.767 | 172  | 14198    | 0.356 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 18.947 | 212  | 27297    | 0.577 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.560 | 244  | 11318    | 0.345 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.168  | 88   | 1737m    | 0.201 | ng    |          |
| 3) n-Nitrosodimethylamine     | 3.464  | 42   | 2112     | 0.208 | ng    | 99       |
| 6) bis(2-Chloroethyl)ether    | 6.953  | 93   | 4898     | 0.236 | ng    | 99       |
| 9) Naphthalene                | 10.314 | 128  | 11801    | 0.217 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.613 | 225  | 2358     | 0.208 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 11.941 | 142  | 7225     | 0.217 | ng    | 98       |
| 16) Acenaphthylene            | 13.868 | 152  | 8611     | 0.208 | ng    | 100      |
| 17) Acenaphthene              | 14.210 | 154  | 6028     | 0.213 | ng    | 99       |
| 18) Fluorene                  | 15.204 | 166  | 7329     | 0.210 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.290 | 198  | 519      | 0.171 | ng    | 93       |
| 21) 4-Bromophenyl-phenylether | 16.110 | 248  | 2267     | 0.204 | ng    | 94       |
| 22) Hexachlorobenzene         | 16.209 | 284  | 2585     | 0.203 | ng    | 97       |
| 23) Atrazine                  | 16.383 | 200  | 1802     | 0.203 | ng    | # 88     |
| 24) Pentachlorophenol         | 16.557 | 266  | 1168     | 0.224 | ng    | 96       |
| 25) Phenanthrene              | 16.942 | 178  | 11521    | 0.218 | ng    | 100      |
| 26) Anthracene                | 17.029 | 178  | 9679     | 0.211 | ng    | 99       |
| 28) Fluoranthene              | 18.975 | 202  | 12214    | 0.206 | ng    | 100      |
| 30) Pyrene                    | 19.337 | 202  | 12321    | 0.199 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.095 | 228  | 11294    | 0.206 | ng    | 97       |
| 33) Chrysene                  | 21.148 | 228  | 11825    | 0.218 | ng    | 100      |
| 34) Bis(2-ethylhexyl)phtha... | 21.059 | 149  | 6409     | 0.214 | ng    | 100      |
| 36) Indeno(1,2,3-cd)pyrene    | 25.402 | 276  | 14838    | 0.220 | ng    | 97       |
| 37) Benzo(b)fluoranthene      | 22.630 | 252  | 12168    | 0.203 | ng    | 99       |
| 38) Benzo(k)fluoranthene      | 22.674 | 252  | 12751m   | 0.218 | ng    |          |
| 39) Benzo(a)pyrene            | 23.177 | 252  | 10455    | 0.208 | ng    | 100      |
| 40) Dibenzo(a,h)anthracene    | 25.417 | 278  | 11776    | 0.218 | ng    | 100      |
| 41) Benzo(g,h,i)perylene      | 26.045 | 276  | 11877    | 0.202 | ng    | 99       |

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

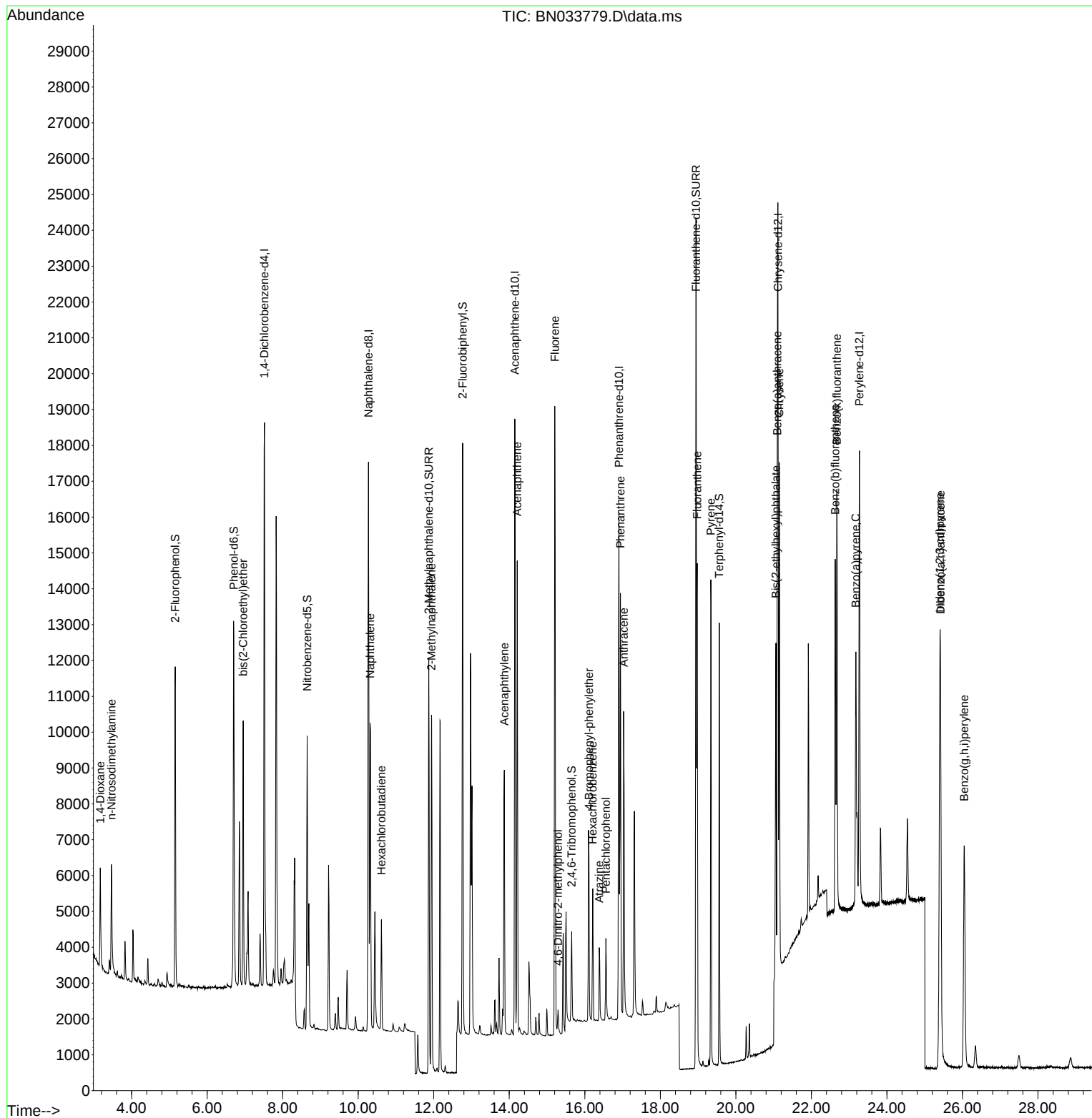
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN090624\  
Data File : BN033779.D  
Acq On : 06 Sep 2024 12:57  
Operator : MA/JU  
Sample : P2403-09  
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BNA\_N  
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Quant Time: Sep 06 13:23:30 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN090424.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 04 18:36:01 2024  
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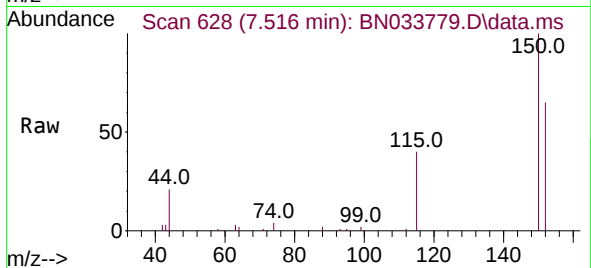
Reviewed By :Yogesh Patel 09/07/2024  
Supervised By :mohammad ahmed 09/07/2024





#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.516 min Scan# 61  
 Delta R.T. 0.000 min  
 Lab File: BN033779.D  
 Acq: 06 Sep 2024 12:57

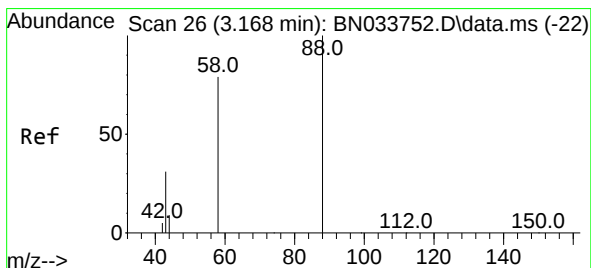
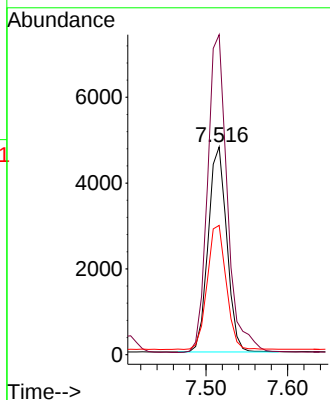
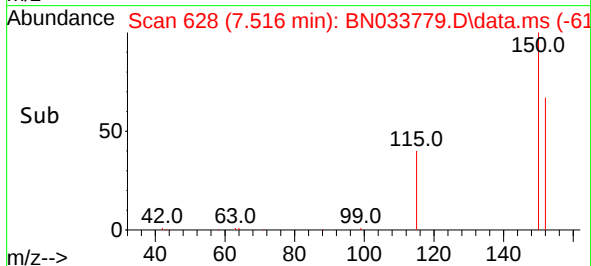
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-WATER-03-QT2-2024



Tgt Ion:152 Resp: 759  
 Ion Ratio Lower Upper  
 152 100  
 150 154.0 123.3 184.9  
 115 62.2 51.0 76.4

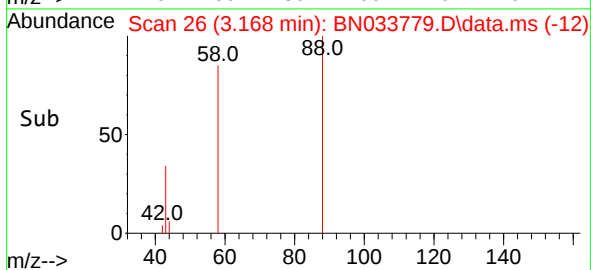
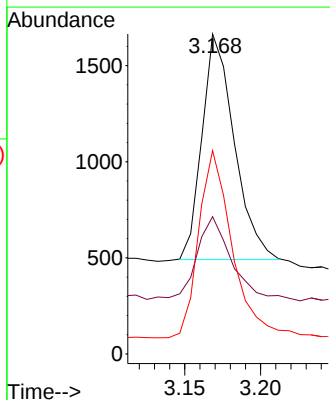
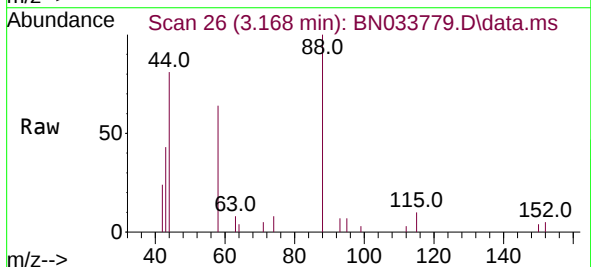
Manual Integrations  
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 Supervised By :mohammad ahmed 09/07/2024



#2  
 1,4-Dioxane  
 Concen: 0.201 ng m  
 RT: 3.168 min Scan# 26  
 Delta R.T. 0.000 min  
 Lab File: BN033779.D  
 Acq: 06 Sep 2024 12:57

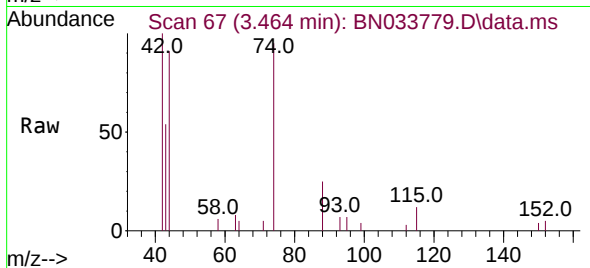
Tgt Ion: 88 Resp: 1737  
 Ion Ratio Lower Upper  
 88 100  
 43 41.6 29.0 43.4  
 58 87.7 64.1 96.1





#3  
n-Nitrosodimethylamine  
Concen: 0.208 ng  
RT: 3.464 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BN033779.D  
Acq: 06 Sep 2024 12:57

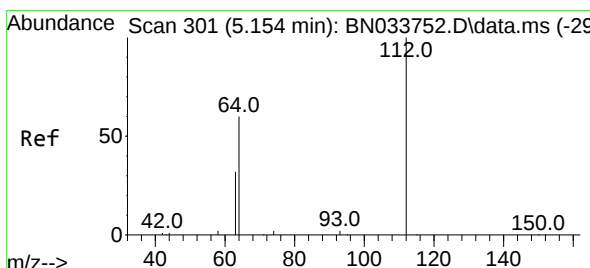
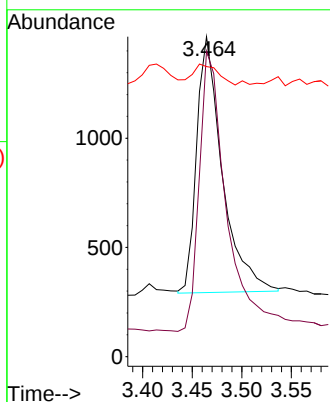
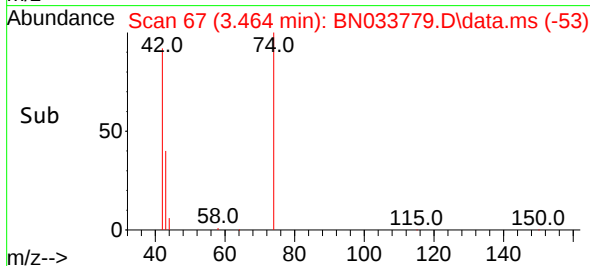
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-03-QT2-2024



Tgt Ion: 42 Resp: 211  
Ion Ratio Lower Upper  
42 100  
74 116.0 93.5 140.3  
44 8.0 7.4 11.0

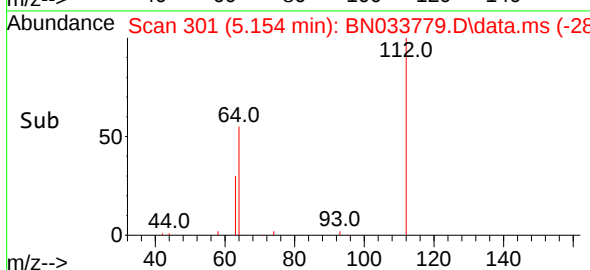
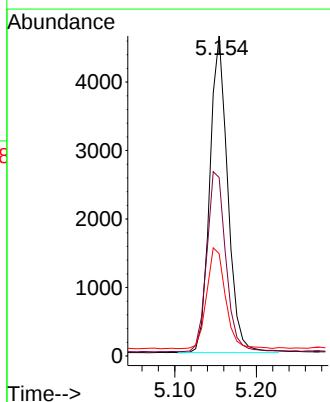
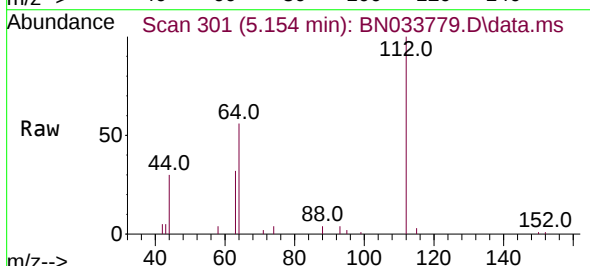
Manual Integrations  
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Supervised By :mohammad ahmed 09/07/2024



#4  
2-Fluorophenol  
Concen: 0.304 ng  
RT: 5.154 min Scan# 301  
Delta R.T. -0.000 min  
Lab File: BN033779.D  
Acq: 06 Sep 2024 12:57

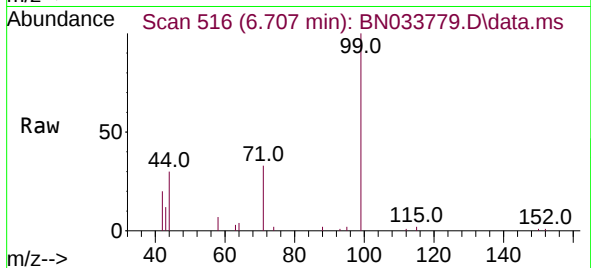
Tgt Ion:112 Resp: 7063  
Ion Ratio Lower Upper  
112 100  
64 60.8 47.6 71.4  
63 33.3 25.9 38.9





#5  
Phenol-d6  
Concen: 0.338 ng  
RT: 6.707 min Scan# 516  
Delta R.T. -0.000 min  
Lab File: BN033779.D  
Acq: 06 Sep 2024 12:57

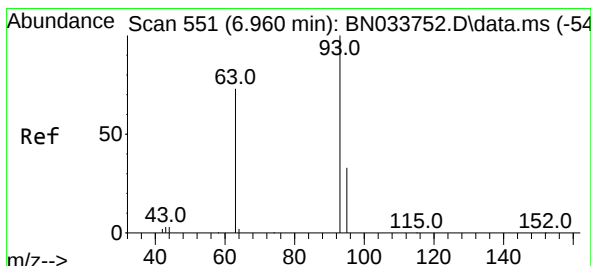
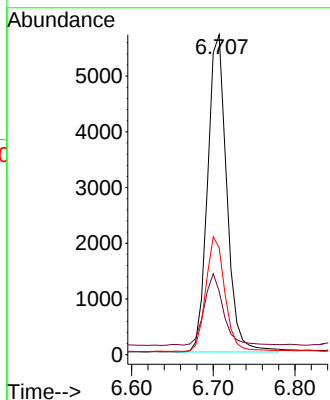
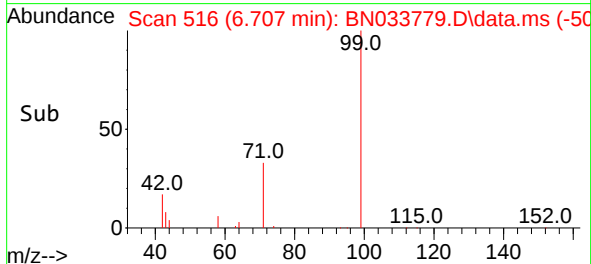
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-03-QT2-2024



Tgt Ion: 99 Resp: 9298  
Ion Ratio Lower Upper  
99 100  
42 22.9 18.0 27.0  
71 35.9 28.7 43.1

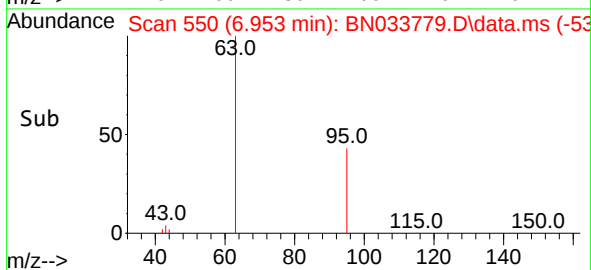
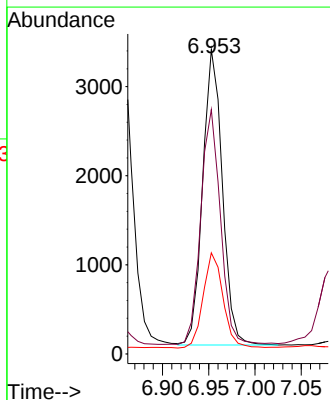
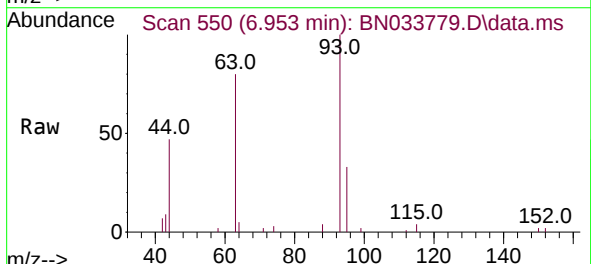
Manual Integrations  
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Supervised By :mohammad ahmed 09/07/2024



#6  
bis(2-Chloroethyl)ether  
Concen: 0.236 ng  
RT: 6.953 min Scan# 550  
Delta R.T. -0.007 min  
Lab File: BN033779.D  
Acq: 06 Sep 2024 12:57

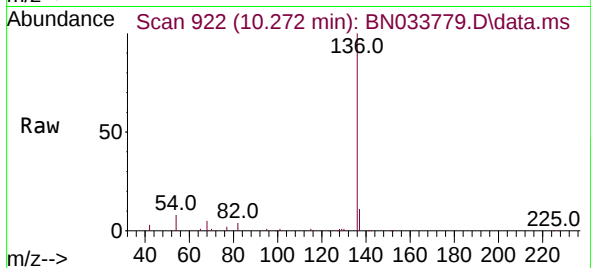
Tgt Ion: 93 Resp: 4898  
Ion Ratio Lower Upper  
93 100  
63 79.8 64.4 96.6  
95 32.6 26.5 39.7





#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.272 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BN033779.D  
Acq: 06 Sep 2024 12:57

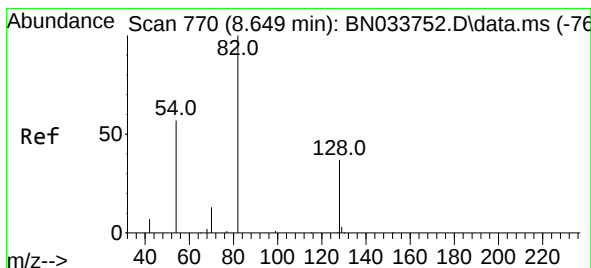
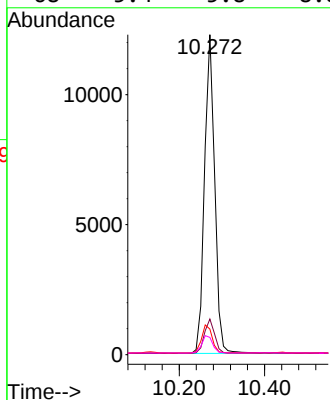
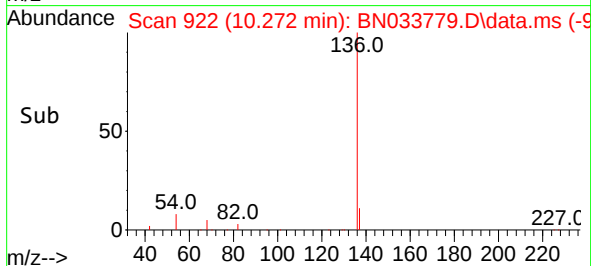
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-03-QT2-2024



Tgt Ion:136 Resp: 2037  
Ion Ratio Lower Upper  
136 100  
137 11.1 9.0 13.4  
54 8.0 8.1 12.1  
68 5.4 5.8 8.8#

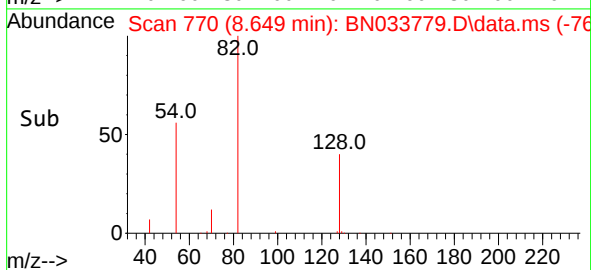
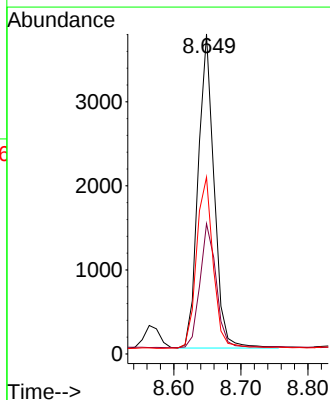
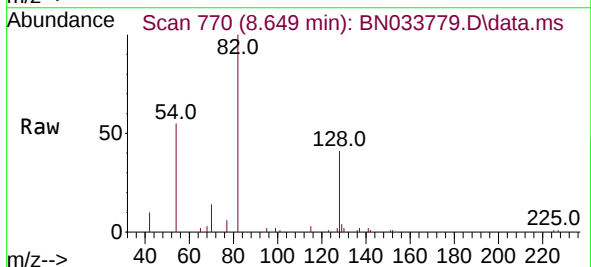
Manual Integrations  
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Supervised By :mohammad ahmed 09/07/2024



#8  
Nitrobenzene-d5  
Concen: 0.357 ng  
RT: 8.649 min Scan# 770  
Delta R.T. -0.000 min  
Lab File: BN033779.D  
Acq: 06 Sep 2024 12:57

Tgt Ion: 82 Resp: 6188  
Ion Ratio Lower Upper  
82 100  
128 40.7 31.3 46.9  
54 55.3 46.9 70.3





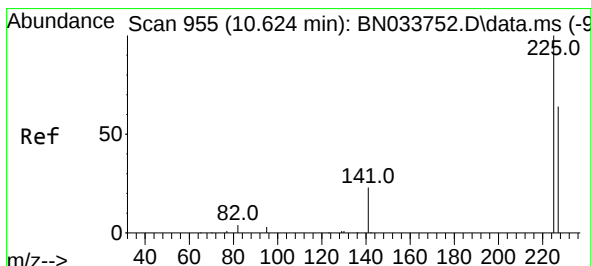
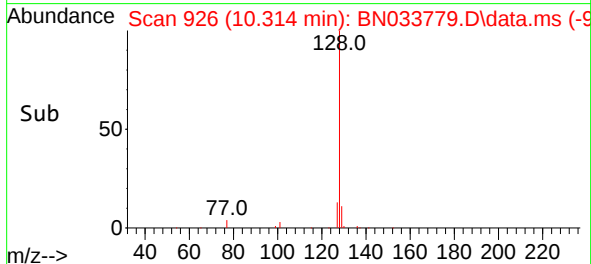
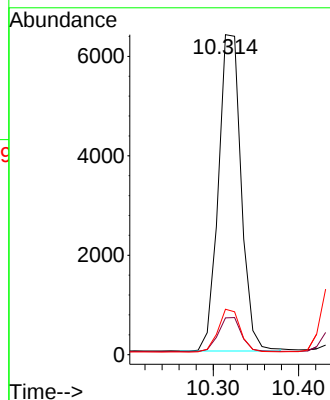
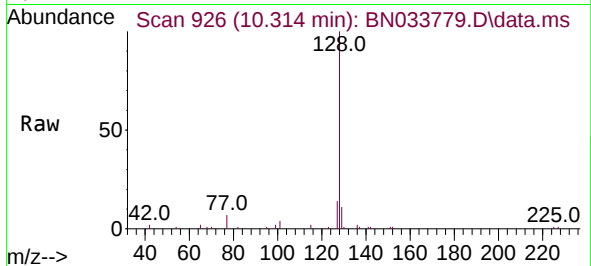
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Naphthalene  
Concen: 0.217 ng  
RT: 10.314 min Scan# 914  
Delta R.T. -0.011 min  
Lab File: BN033779.D  
Acq: 06 Sep 2024 12:57

Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-03-QT2-2024

Tgt Ion:128 Resp: 1180  
Ion Ratio Lower Upper  
128 100  
129 11.5 8.9 13.3  
127 14.2 10.8 16.2

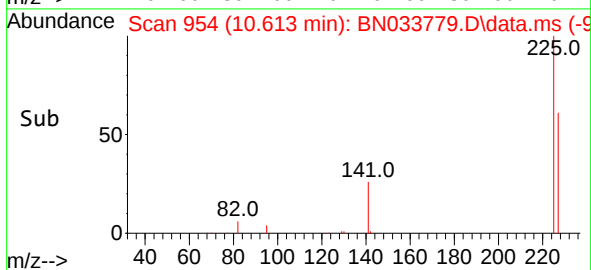
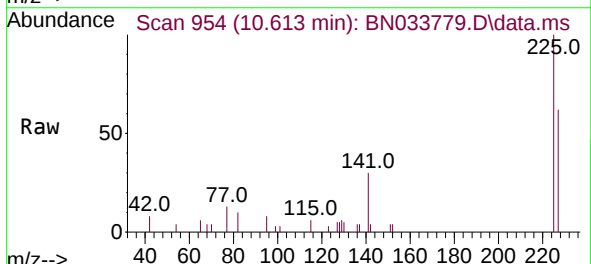
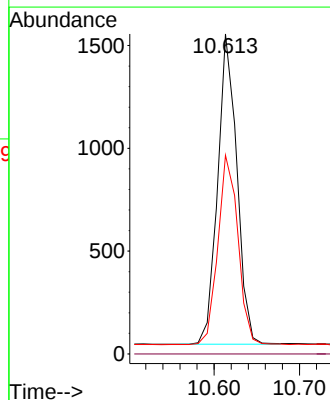
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#10  
Hexachlorobutadiene  
Concen: 0.208 ng  
RT: 10.613 min Scan# 954  
Delta R.T. -0.011 min  
Lab File: BN033779.D  
Acq: 06 Sep 2024 12:57

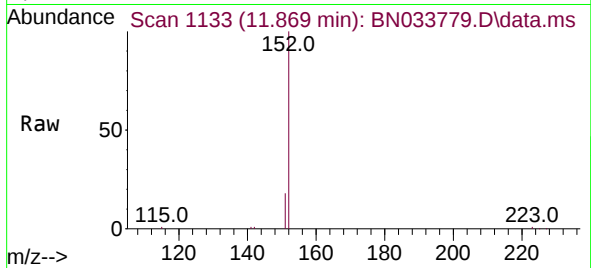
Tgt Ion:225 Resp: 2358  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.4 51.2 76.8





#11  
2-Methylnaphthalene-d10  
Concen: 0.557 ng  
RT: 11.869 min Scan# 1133  
Delta R.T. -0.004 min  
Lab File: BN033779.D  
Acq: 06 Sep 2024 12:57

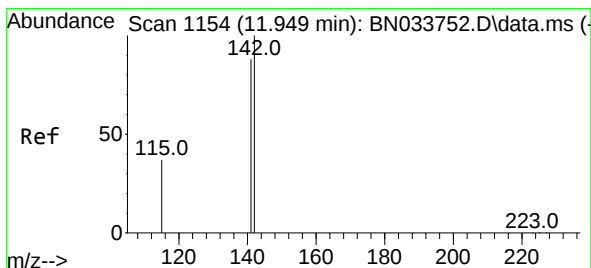
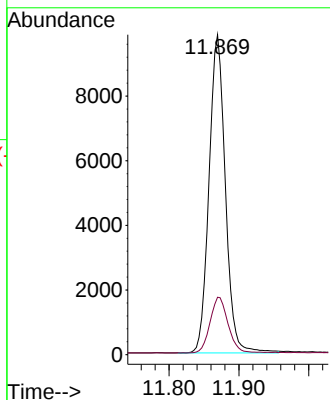
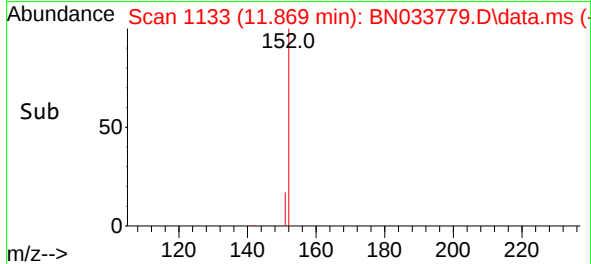
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-03-QT2-2024



Tgt Ion:152 Resp: 16040  
Ion Ratio Lower Upper  
152 100  
151 19.3 16.7 25.1

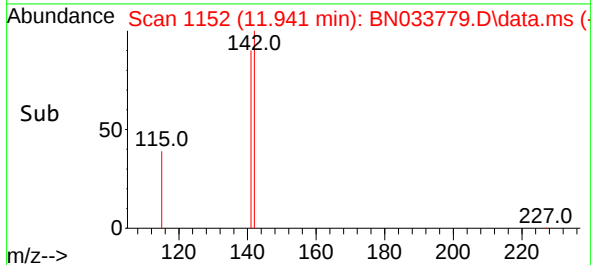
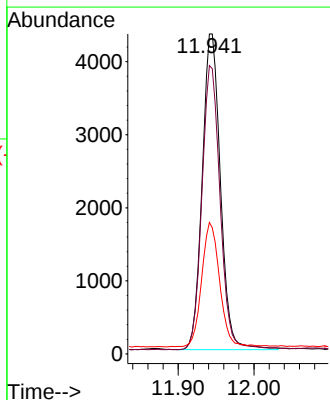
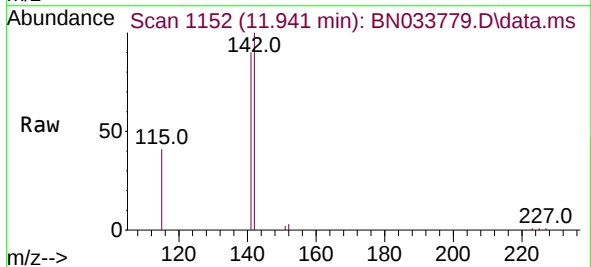
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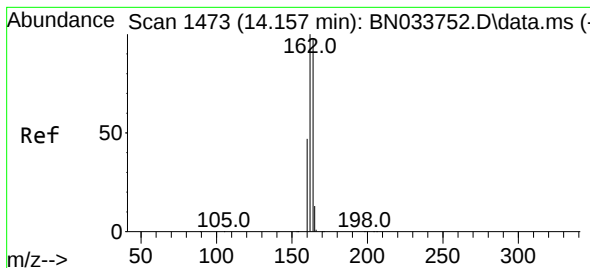
Reviewed By :Yogesh Patel 09/07/2024  
Supervised By :mohammad ahmed 09/07/2024



#12  
2-Methylnaphthalene  
Concen: 0.217 ng  
RT: 11.941 min Scan# 1152  
Delta R.T. -0.008 min  
Lab File: BN033779.D  
Acq: 06 Sep 2024 12:57

Tgt Ion:142 Resp: 7225  
Ion Ratio Lower Upper  
142 100  
141 90.1 70.9 106.3  
115 41.1 31.0 46.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.146 min Scan# 1473

Delta R.T. -0.011 min

Lab File: BN033779.D

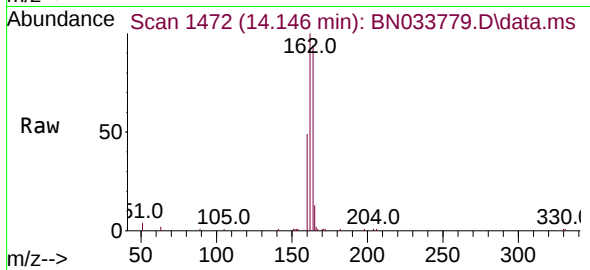
Acq: 06 Sep 2024 12:57

Instrument :

BNA\_N

ClientSampleId :

MDL-WATER-03-QT2-2024



Tgt Ion:164 Resp: 956

Ion Ratio Lower Upper

164 100

162 105.9 82.0 123.0

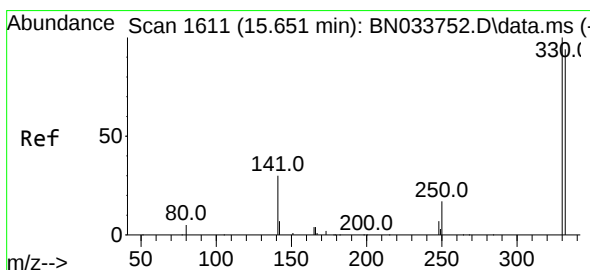
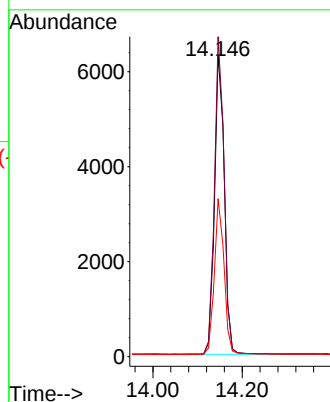
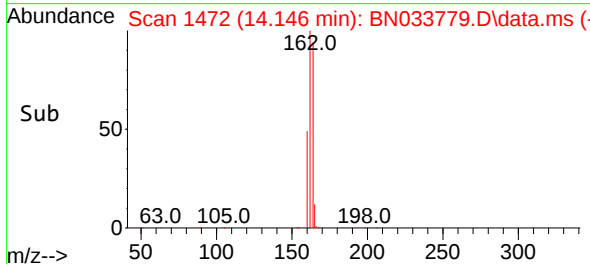
160 52.3 39.1 58.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/07/2024

Supervised By :mohammad ahmed 09/07/2024



#14

2,4,6-Tribromophenol

Concen: 0.297 ng

RT: 15.651 min Scan# 1611

Delta R.T. -0.000 min

Lab File: BN033779.D

Acq: 06 Sep 2024 12:57

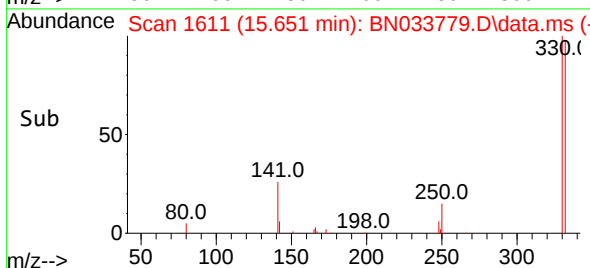
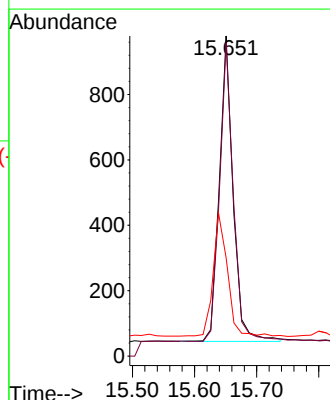
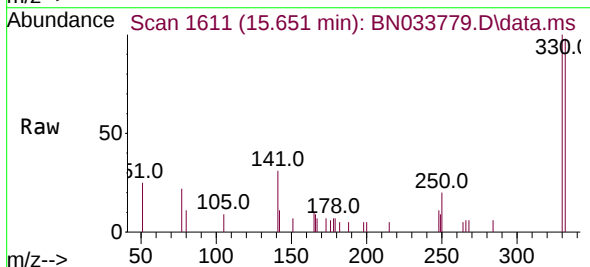
Tgt Ion:330 Resp: 1434

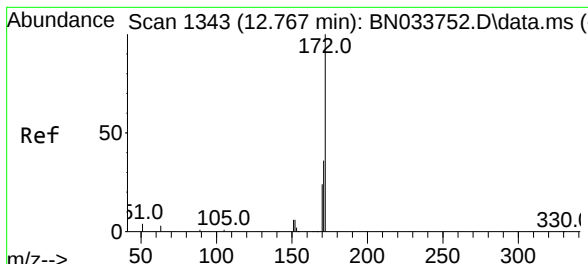
Ion Ratio Lower Upper

330 100

332 97.4 74.2 111.4

141 41.6 33.9 50.9





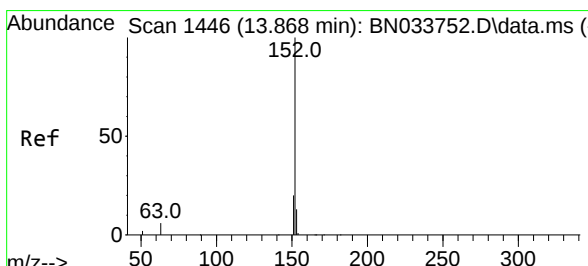
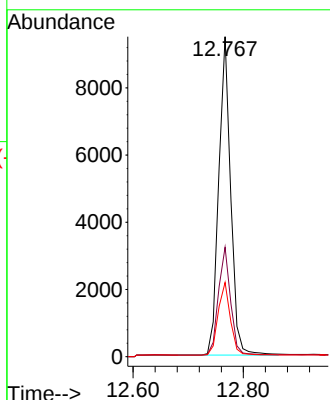
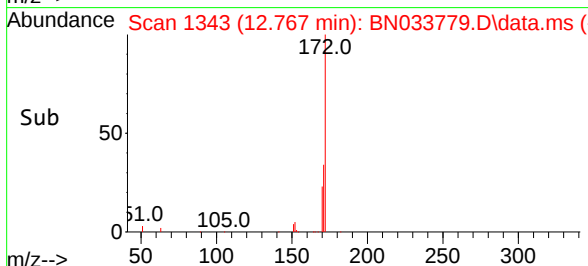
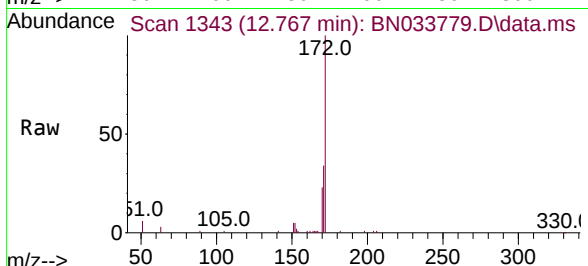
#15  
2-Fluorobiphenyl  
Concen: 0.356 ng  
RT: 12.767 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: BN033779.D  
Acq: 06 Sep 2024 12:57

Instrument : BNA\_N  
ClientSampleId : MDL-WATER-03-QT2-2024

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 14198 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 34.2  | 28.8  | 43.2  |
| 170       | 23.2  | 19.7  | 29.5  |

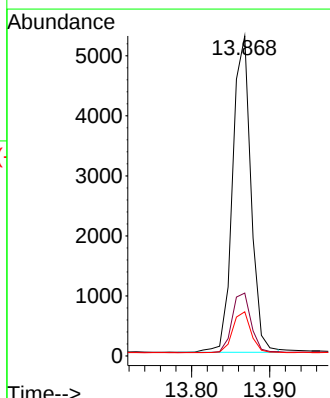
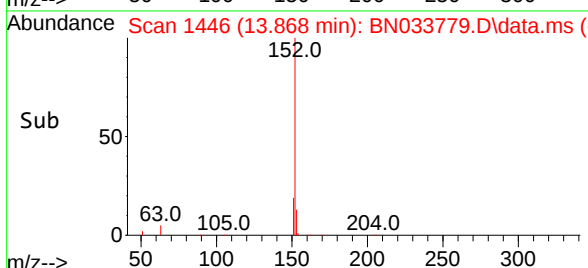
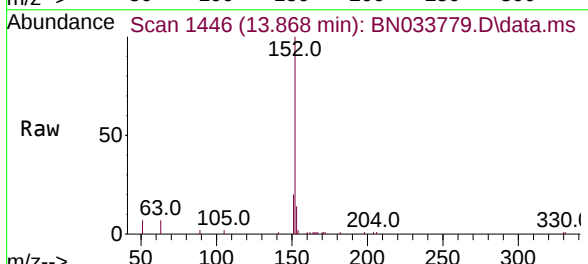
Manual Integrations  
APPROVED

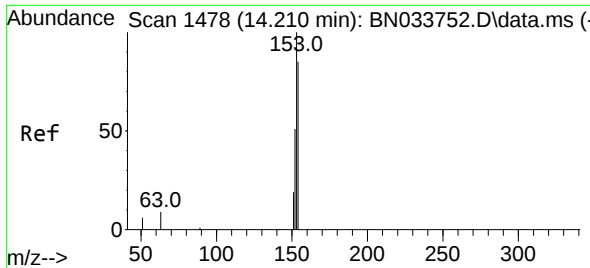
Reviewed By :Yogesh Patel 09/07/2024  
Supervised By :mohammad ahmed 09/07/2024



#16  
Acenaphthylene  
Concen: 0.208 ng  
RT: 13.868 min Scan# 1446  
Delta R.T. -0.000 min  
Lab File: BN033779.D  
Acq: 06 Sep 2024 12:57

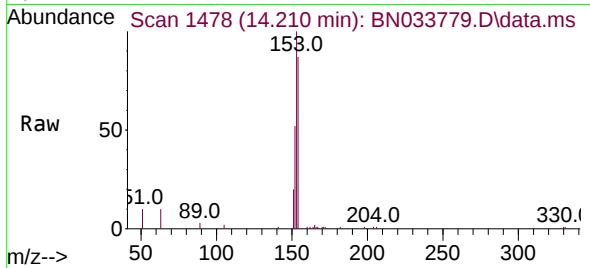
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 152   | Resp: | 8611 |
| Ion Ratio | Lower | Upper |      |
| 152       | 100   |       |      |
| 151       | 19.4  | 15.6  | 23.4 |
| 153       | 13.2  | 10.3  | 15.5 |





#17  
Acenaphthene  
Concen: 0.213 ng  
RT: 14.210 min Scan# 1478  
Delta R.T. -0.000 min  
Lab File: BN033779.D  
Acq: 06 Sep 2024 12:57

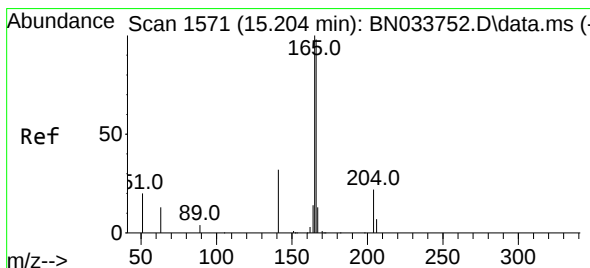
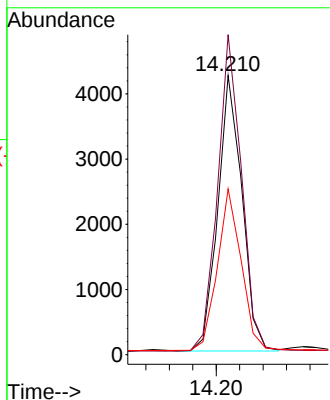
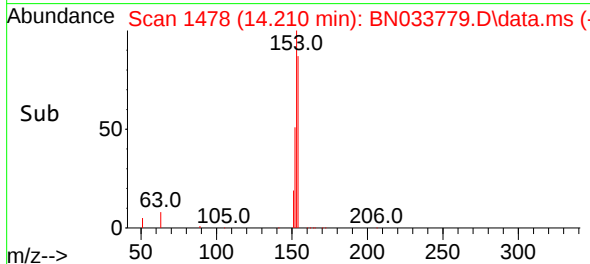
Instrument : BNA\_N  
ClientSampleId : MDL-WATER-03-QT2-2024



Tgt Ion:154 Resp: 6028  
Ion Ratio Lower Upper  
154 100  
153 113.7 91.4 137.2  
152 58.0 45.8 68.6

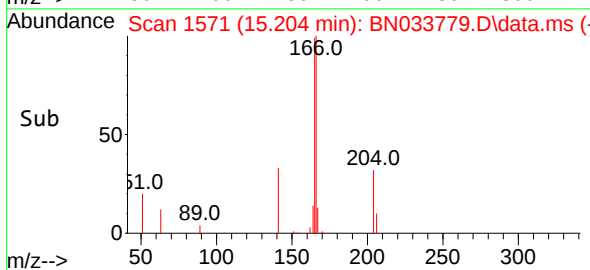
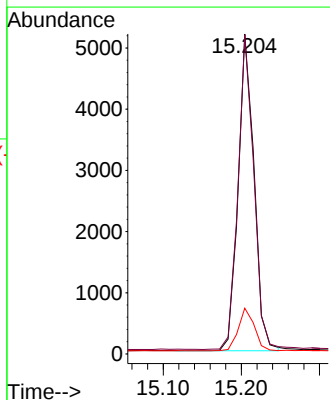
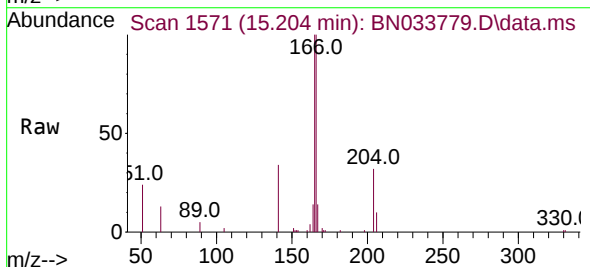
Manual Integrations  
APPROVED

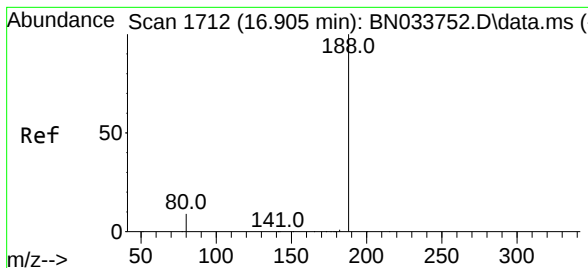
Reviewed By :Yogesh Patel 09/07/2024  
Supervised By :mohammad ahmed 09/07/2024



#18  
Fluorene  
Concen: 0.210 ng  
RT: 15.204 min Scan# 1571  
Delta R.T. -0.000 min  
Lab File: BN033779.D  
Acq: 06 Sep 2024 12:57

Tgt Ion:166 Resp: 7329  
Ion Ratio Lower Upper  
166 100  
165 98.6 78.8 118.2  
167 13.7 10.6 16.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.905 min Scan# 1712

Delta R.T. -0.000 min

Lab File: BN033779.D

Acq: 06 Sep 2024 12:57

Instrument :

BNA\_N

ClientSampleId :

MDL-WATER-03-QT2-2024

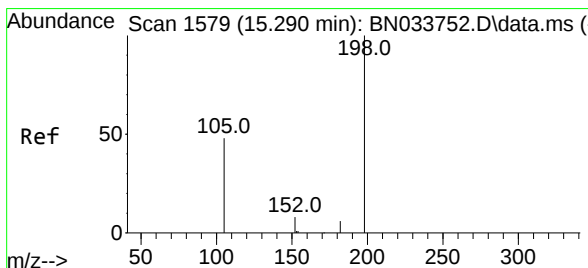
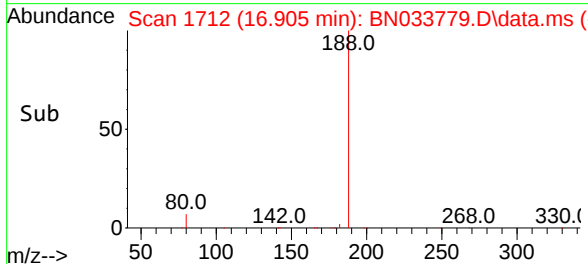
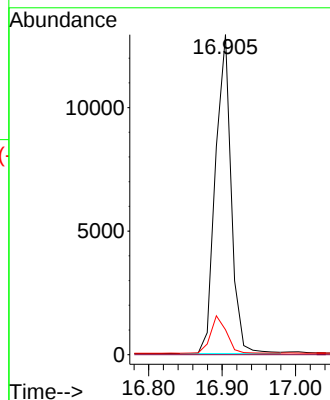
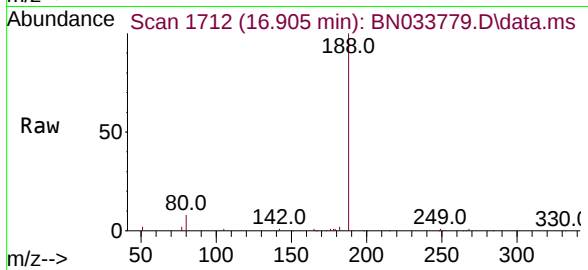
|             |       |       |
|-------------|-------|-------|
| Tgt Ion:188 | Resp: | 1918  |
| Ion Ratio   | Lower | Upper |
| 188         | 100   |       |
| 94          | 0.0   | 0.0   |
| 80          | 7.8   | 11.9  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/07/2024

Supervised By :mohammad ahmed 09/07/2024



#20

4,6-Dinitro-2-methylphenol

Concen: 0.171 ng

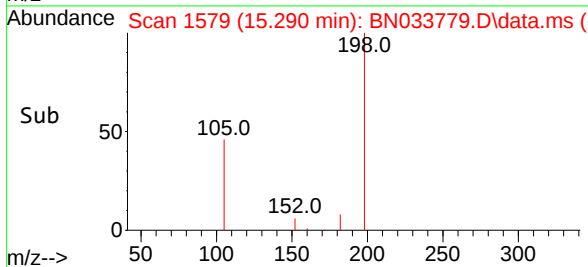
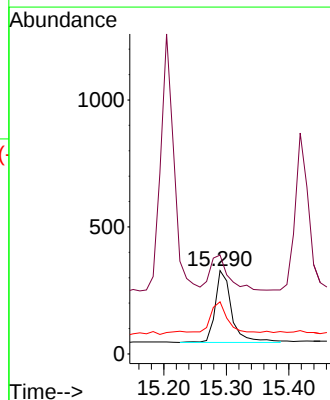
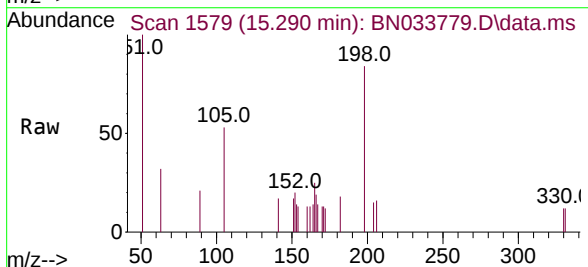
RT: 15.290 min Scan# 1579

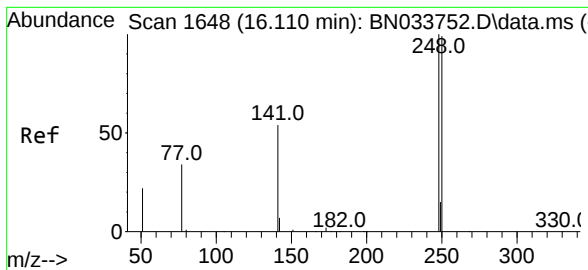
Delta R.T. -0.000 min

Lab File: BN033779.D

Acq: 06 Sep 2024 12:57

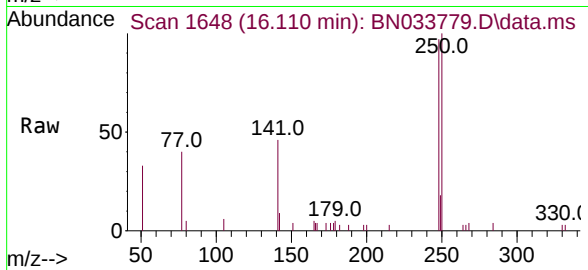
|             |       |       |
|-------------|-------|-------|
| Tgt Ion:198 | Resp: | 519   |
| Ion Ratio   | Lower | Upper |
| 198         | 100   |       |
| 51          | 118.6 | 92.8  |
| 105         | 62.5  | 59.4  |





#21  
4-Bromophenyl-phenylether  
Concen: 0.204 ng  
RT: 16.110 min Scan# 1648  
Delta R.T. -0.000 min  
Lab File: BN033779.D  
Acq: 06 Sep 2024 12:57

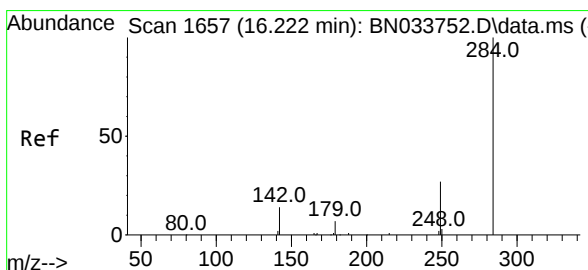
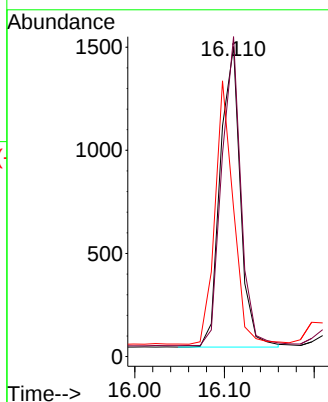
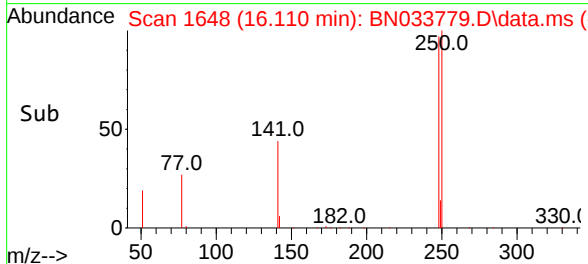
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-03-QT2-2024



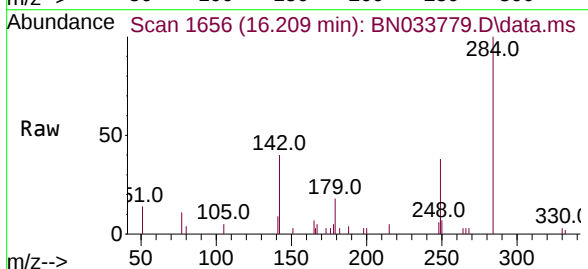
Tgt Ion:248 Resp: 226  
Ion Ratio Lower Upper  
248 100  
250 103.2 79.5 119.3  
141 48.0 44.9 67.3

Manual Integrations  
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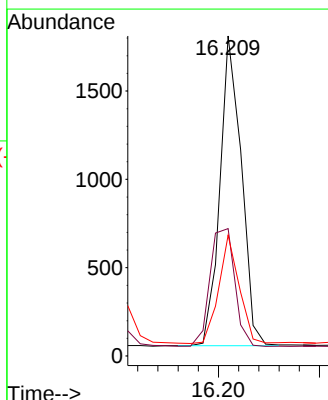
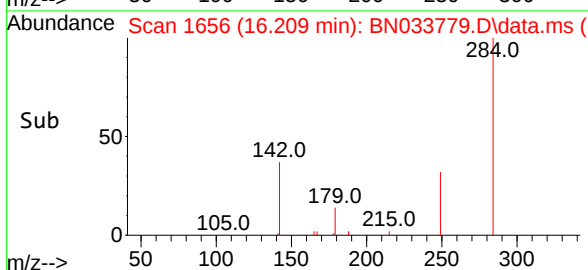
Reviewed By :Yogesh Patel 09/07/2024  
Supervised By :mohammad ahmed 09/07/2024

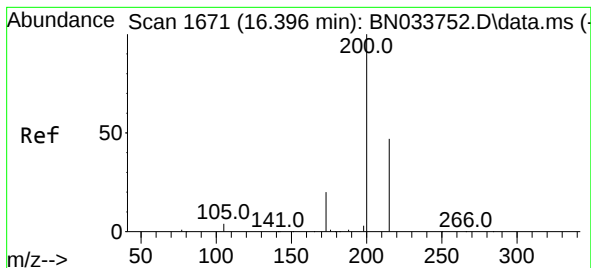


#22  
Hexachlorobenzene  
Concen: 0.203 ng  
RT: 16.209 min Scan# 1656  
Delta R.T. -0.012 min  
Lab File: BN033779.D  
Acq: 06 Sep 2024 12:57



Tgt Ion:284 Resp: 2585  
Ion Ratio Lower Upper  
284 100  
142 44.0 32.8 49.2  
249 33.3 26.2 39.2





#23

Atrazine

Concen: 0.203 ng

RT: 16.383 min Scan# 1670

Delta R.T. -0.012 min

Lab File: BN033779.D

Acq: 06 Sep 2024 12:57

Instrument :

BNA\_N

ClientSampleId :

MDL-WATER-03-QT2-2024

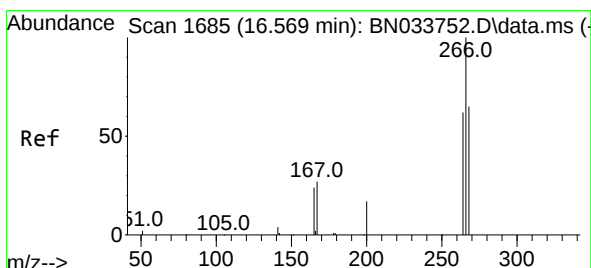
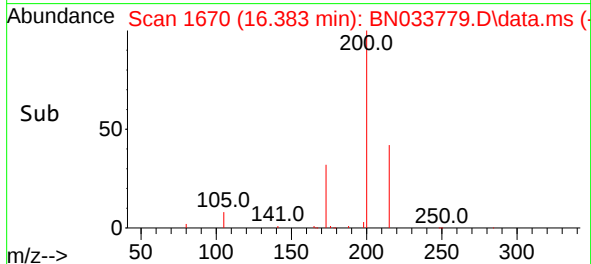
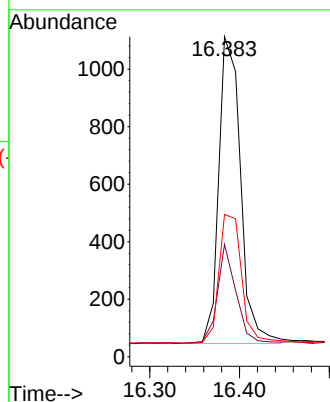
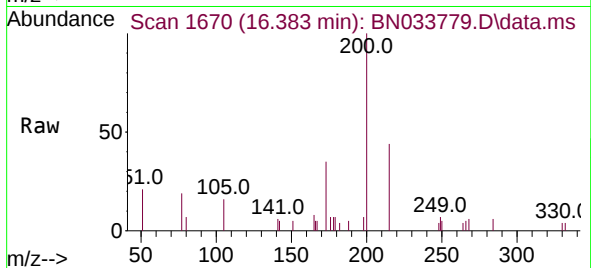
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 200   | Resp: | 180  |
| Ion Ratio | Lower | Upper |      |
| 200       | 100   |       |      |
| 173       | 35.1  | 18.2  | 27.4 |
| 215       | 44.5  | 39.0  | 58.4 |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/07/2024

Supervised By :mohammad ahmed 09/07/2024



#24

Pentachlorophenol

Concen: 0.224 ng

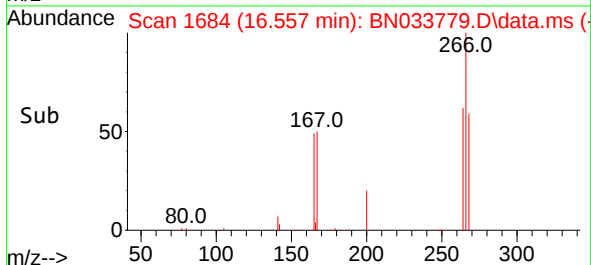
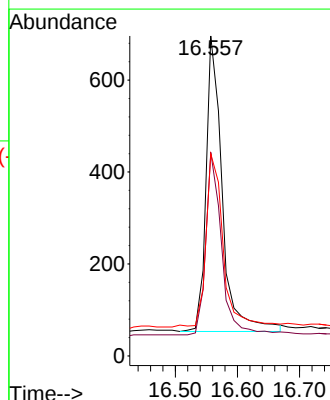
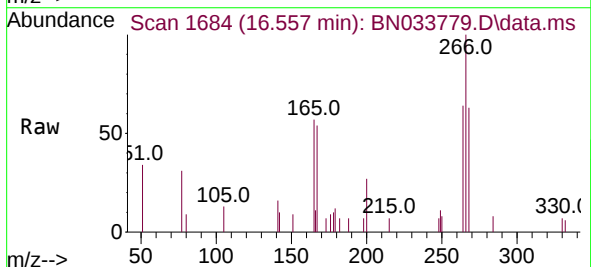
RT: 16.557 min Scan# 1684

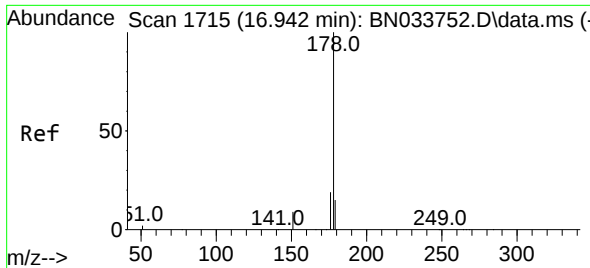
Delta R.T. -0.012 min

Lab File: BN033779.D

Acq: 06 Sep 2024 12:57

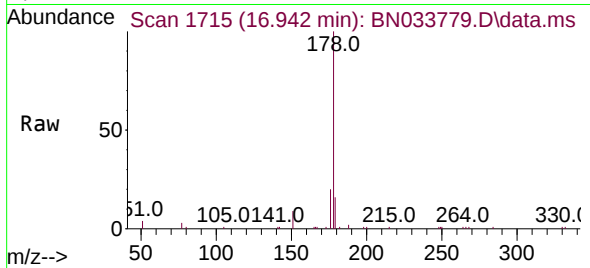
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 266   | Resp: | 1168 |
| Ion Ratio | Lower | Upper |      |
| 266       | 100   |       |      |
| 264       | 59.5  | 49.6  | 74.4 |
| 268       | 61.9  | 52.2  | 78.4 |





#25  
Phenanthrene  
Concen: 0.218 ng  
RT: 16.942 min Scan# 1715  
Delta R.T. -0.000 min  
Lab File: BN033779.D  
Acq: 06 Sep 2024 12:57

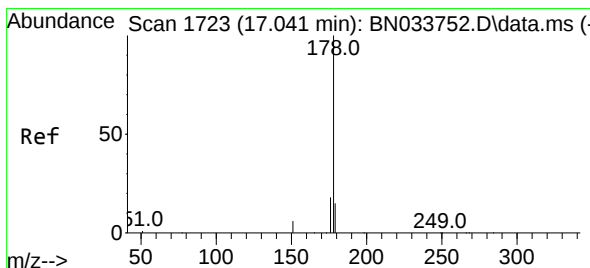
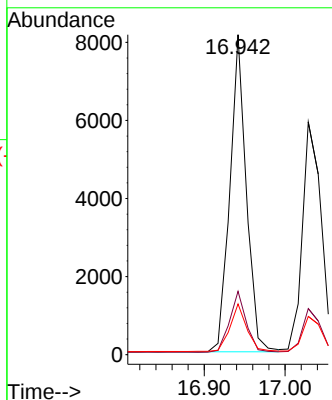
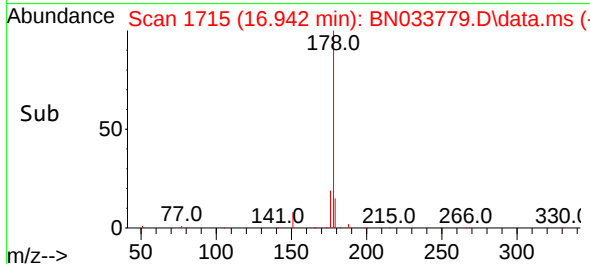
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-03-QT2-2024



Tgt Ion:178 Resp: 1152  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.4 23.0  
179 15.4 12.2 18.4

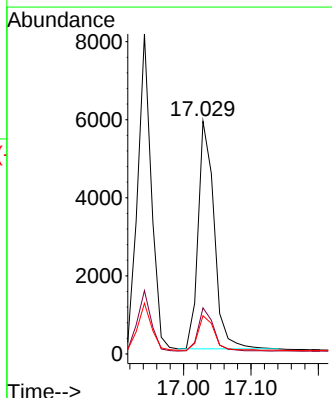
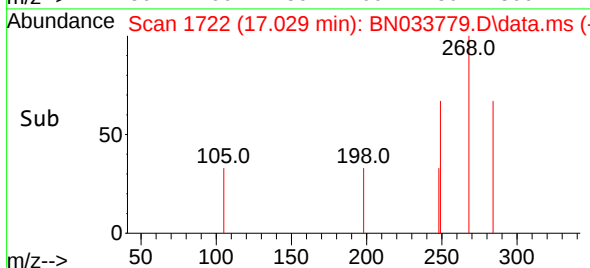
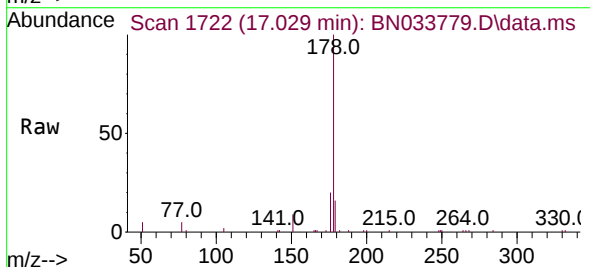
Manual Integrations  
APPROVED

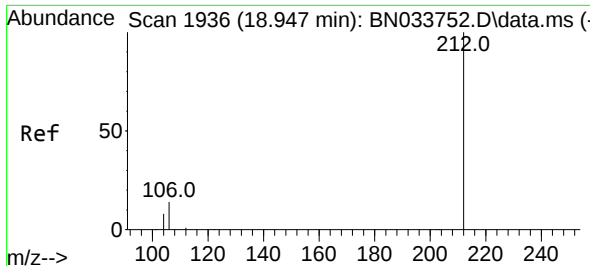
Reviewed By :Yogesh Patel 09/07/2024  
Supervised By :mohammad ahmed 09/07/2024



#26  
Anthracene  
Concen: 0.211 ng  
RT: 17.029 min Scan# 1722  
Delta R.T. -0.012 min  
Lab File: BN033779.D  
Acq: 06 Sep 2024 12:57

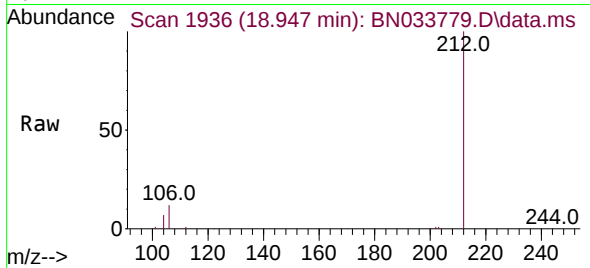
Tgt Ion:178 Resp: 9679  
Ion Ratio Lower Upper  
178 100  
176 18.3 14.8 22.2  
179 15.1 12.4 18.6





#27  
Fluoranthene-d10  
Concen: 0.577 ng  
RT: 18.947 min Scan# 1936  
Delta R.T. -0.000 min  
Lab File: BN033779.D  
Acq: 06 Sep 2024 12:57

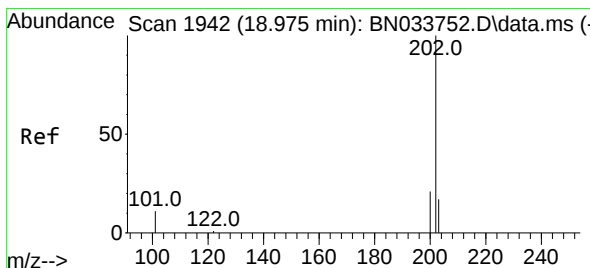
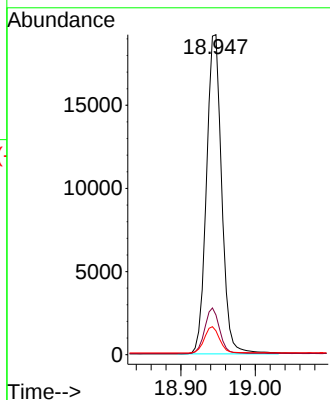
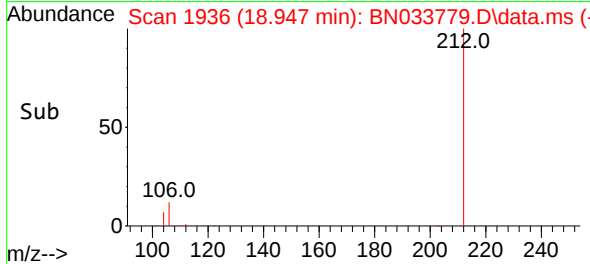
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-03-QT2-2024



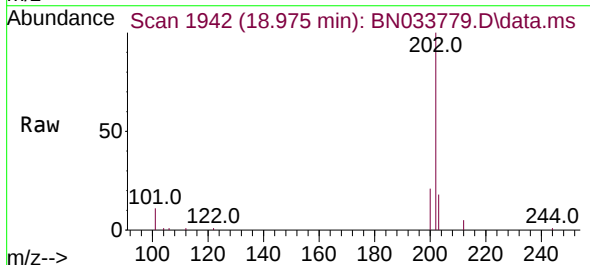
Tgt Ion:212 Resp: 2729  
Ion Ratio Lower Upper  
212 100  
106 14.1 11.5 17.3  
104 8.3 6.6 9.8

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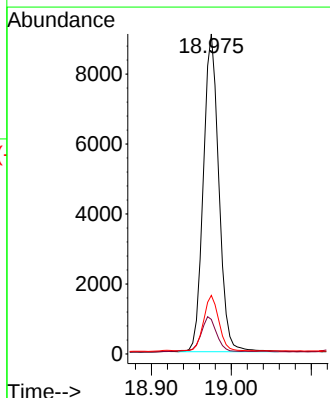
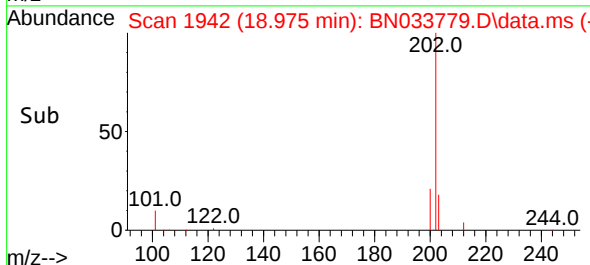
Reviewed By :Yogesh Patel 09/07/2024  
Supervised By :mohammad ahmed 09/07/2024

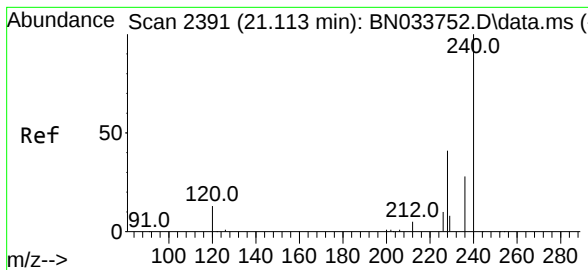


#28  
Fluoranthene  
Concen: 0.206 ng  
RT: 18.975 min Scan# 1942  
Delta R.T. -0.000 min  
Lab File: BN033779.D  
Acq: 06 Sep 2024 12:57



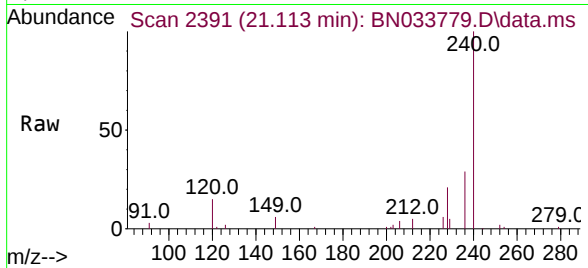
Tgt Ion:202 Resp: 12214  
Ion Ratio Lower Upper  
202 100  
101 11.7 9.2 13.8  
203 17.3 13.8 20.6





#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.113 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BN033779.D  
Acq: 06 Sep 2024 12:57

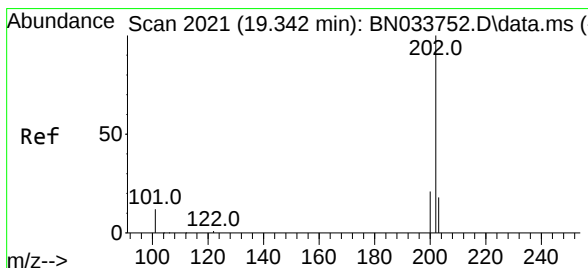
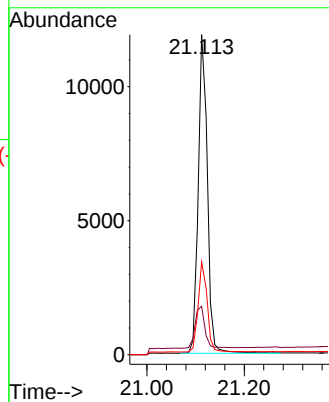
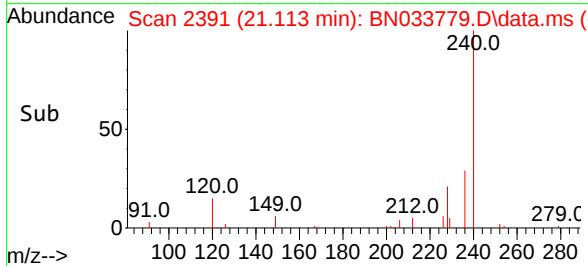
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-03-QT2-2024



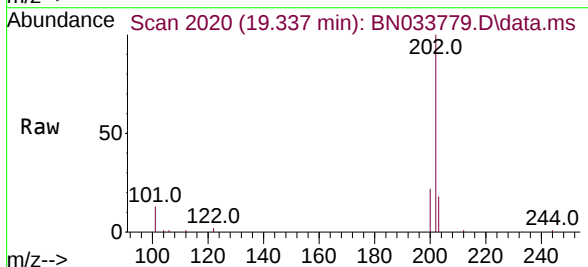
Tgt Ion:240 Resp: 1538  
Ion Ratio Lower Upper  
240 100  
120 15.2 13.7 20.5  
236 29.0 23.4 35.2

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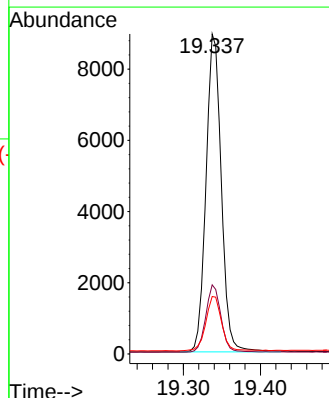
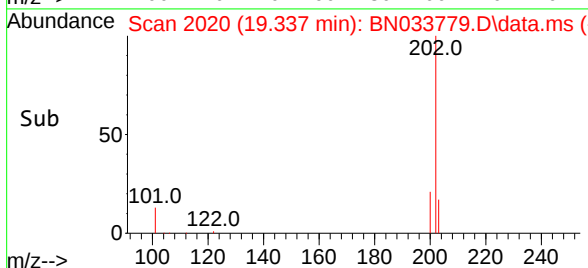
Reviewed By :Yogesh Patel 09/07/2024  
Supervised By :mohammad ahmed 09/07/2024

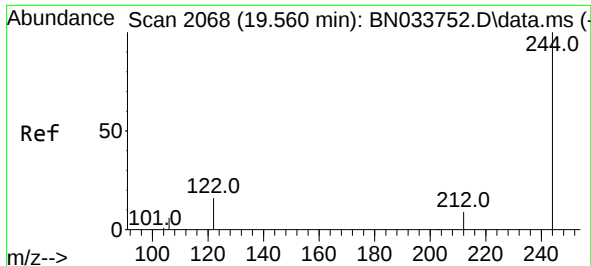


#30  
Pyrene  
Concen: 0.199 ng  
RT: 19.337 min Scan# 2020  
Delta R.T. -0.005 min  
Lab File: BN033779.D  
Acq: 06 Sep 2024 12:57



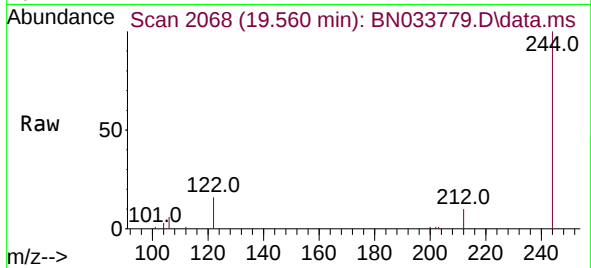
Tgt Ion:202 Resp: 12321  
Ion Ratio Lower Upper  
202 100  
200 20.8 16.8 25.2  
203 17.8 14.4 21.6





#31  
 Terphenyl-d14  
 Concen: 0.345 ng  
 RT: 19.560 min Scan# 2068  
 Delta R.T. -0.000 min  
 Lab File: BN033779.D  
 Acq: 06 Sep 2024 12:57

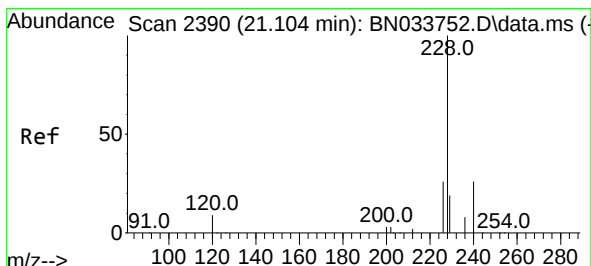
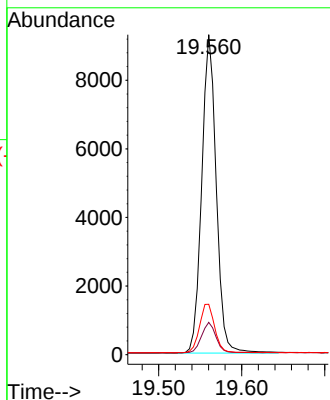
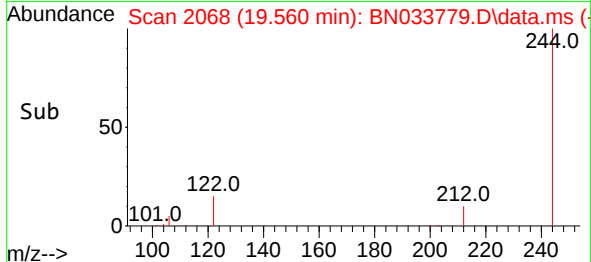
Instrument : BNA\_N  
 ClientSampleId : MDL-WATER-03-QT2-2024



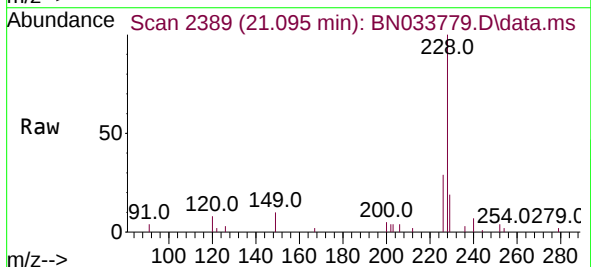
Tgt Ion:244 Resp: 11318  
 Ion Ratio Lower Upper  
 244 100  
 212 10.1 7.9 11.9  
 122 15.7 13.2 19.8

Manual Integrations  
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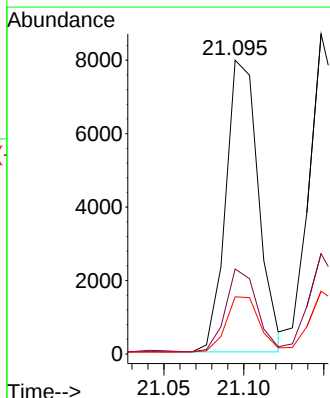
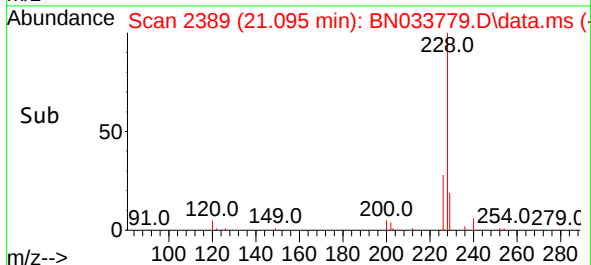
Reviewed By :Yogesh Patel 09/07/2024  
 Supervised By :mohammad ahmed 09/07/2024

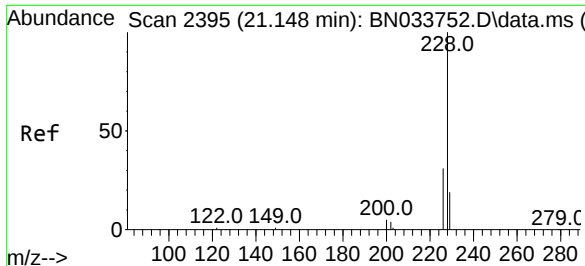


#32  
 Benzo(a)anthracene  
 Concen: 0.206 ng  
 RT: 21.095 min Scan# 2389  
 Delta R.T. -0.009 min  
 Lab File: BN033779.D  
 Acq: 06 Sep 2024 12:57



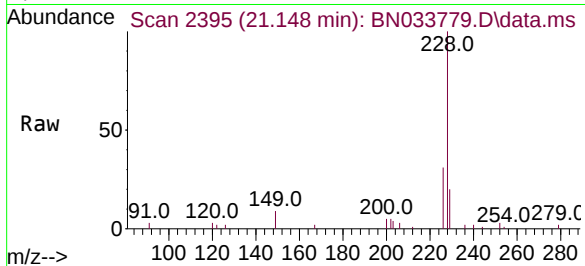
Tgt Ion:228 Resp: 11294  
 Ion Ratio Lower Upper  
 228 100  
 226 28.9 21.2 31.8  
 229 19.5 15.9 23.9





#33  
Chrysene  
Concen: 0.218 ng  
RT: 21.148 min Scan# 2114  
Delta R.T. -0.000 min  
Lab File: BN033779.D  
Acq: 06 Sep 2024 12:57

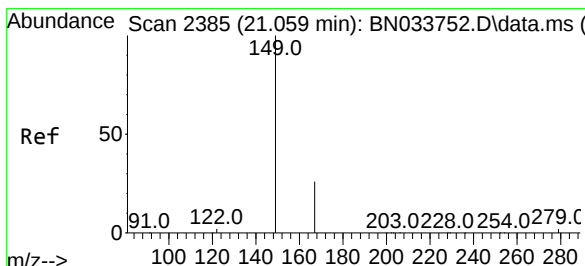
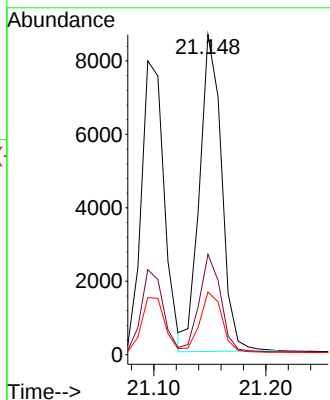
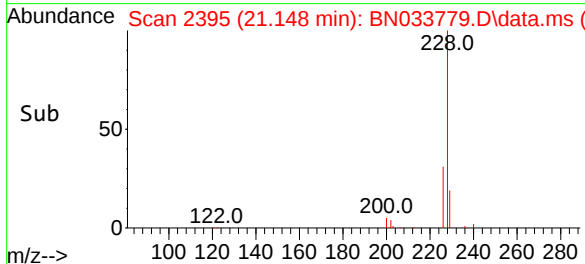
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-03-QT2-2024



Tgt Ion:228 Resp: 1182  
Ion Ratio Lower Upper  
228 100  
226 31.3 25.0 37.6  
229 19.6 15.6 23.4

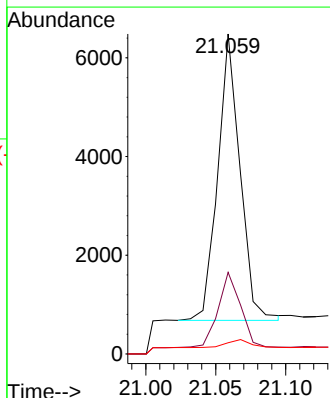
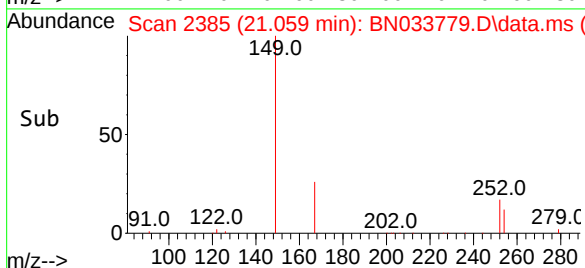
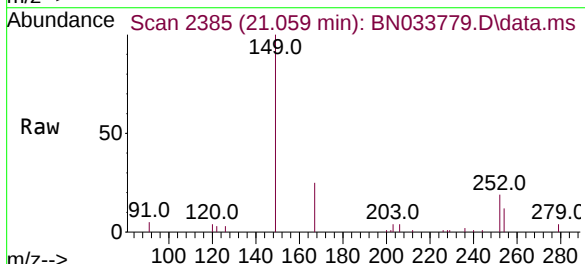
Manual Integrations  
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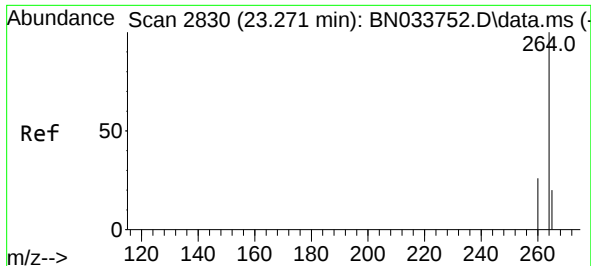
Reviewed By :Yogesh Patel 09/07/2024  
Supervised By :mohammad ahmed 09/07/2024



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.214 ng  
RT: 21.059 min Scan# 2385  
Delta R.T. -0.000 min  
Lab File: BN033779.D  
Acq: 06 Sep 2024 12:57

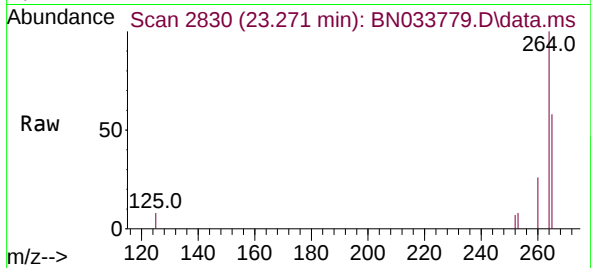
Tgt Ion:149 Resp: 6409  
Ion Ratio Lower Upper  
149 100  
167 26.2 21.0 31.4  
279 3.0 2.4 3.6





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.271 min Scan# 2830  
 Delta R.T. -0.000 min  
 Lab File: BN033779.D  
 Acq: 06 Sep 2024 12:57

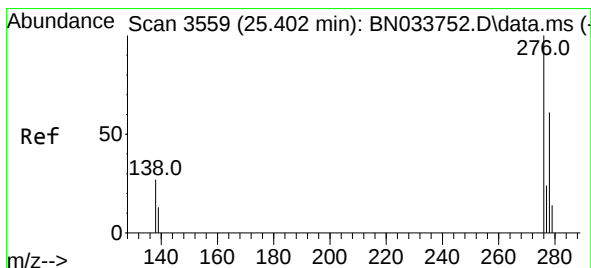
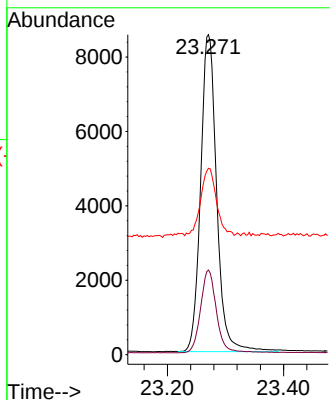
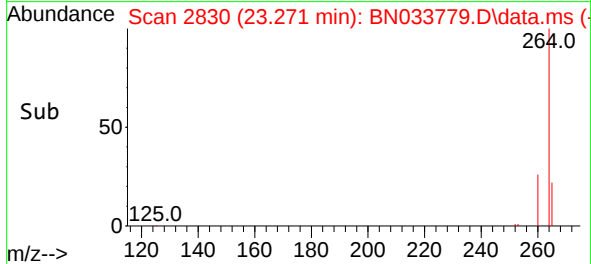
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-WATER-03-QT2-2024



Tgt Ion:264 Resp: 1633  
 Ion Ratio Lower Upper  
 264 100  
 260 26.4 21.1 31.7  
 265 58.3 72.0 108.0

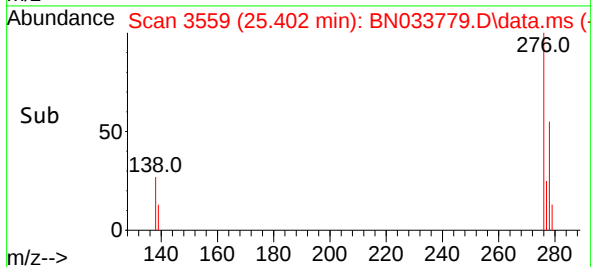
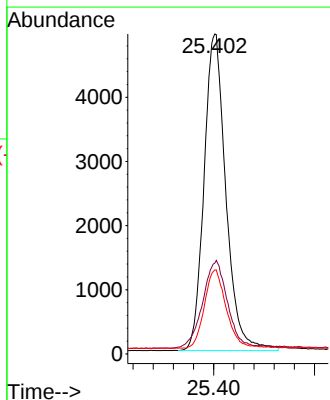
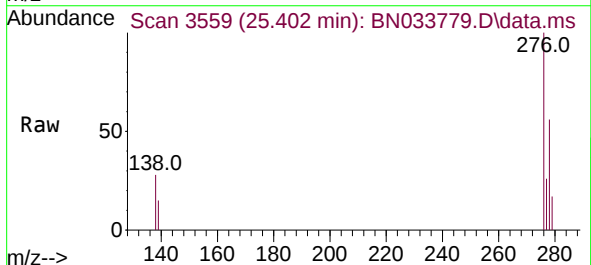
Manual Integrations  
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Reviewed By :Yogesh Patel 09/07/2024  
 Supervised By :mohammad ahmed 09/07/2024



#36  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.220 ng  
 RT: 25.402 min Scan# 3559  
 Delta R.T. -0.000 min  
 Lab File: BN033779.D  
 Acq: 06 Sep 2024 12:57

Tgt Ion:276 Resp: 14838  
 Ion Ratio Lower Upper  
 276 100  
 138 31.7 23.0 34.6  
 277 24.9 20.2 30.4





#37

Benzo(b)fluoranthene

Concen: 0.203 ng

RT: 22.630 min Scan# 2611

Delta R.T. -0.000 min

Lab File: BN033779.D

Acq: 06 Sep 2024 12:57

Instrument :

BNA\_N

ClientSampleId :

MDL-WATER-03-QT2-2024

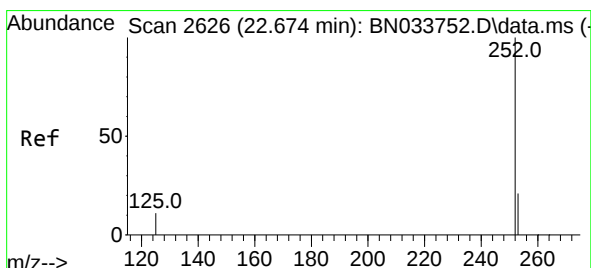
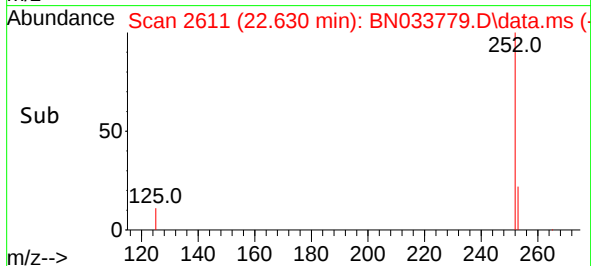
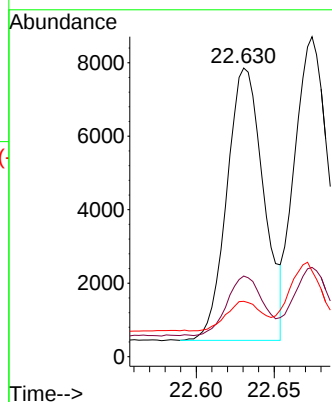
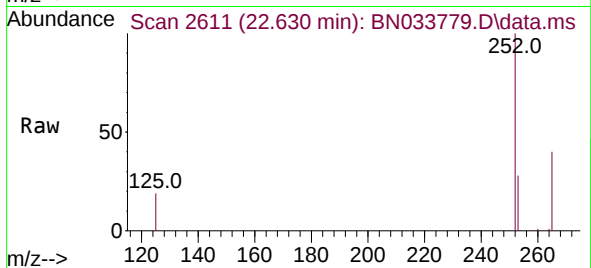
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 252   | Resp: | 1216 |
| Ion Ratio | Lower | Upper |      |
| 252       | 100   |       |      |
| 253       | 28.0  | 21.8  | 32.6 |
| 125       | 19.2  | 15.4  | 23.0 |

Manual Integrations

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Reviewed By :Yogesh Patel 09/07/2024

Supervised By :mohammad ahmed 09/07/2024



#38

Benzo(k)fluoranthene

Concen: 0.218 ng m

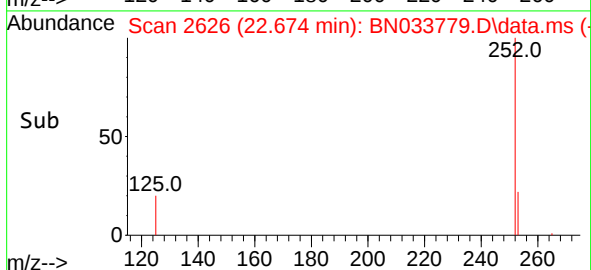
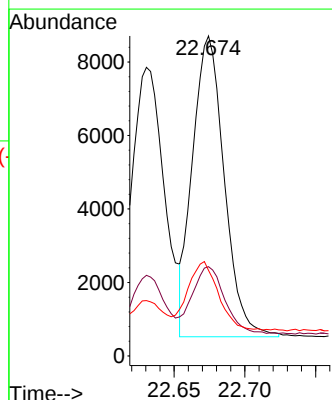
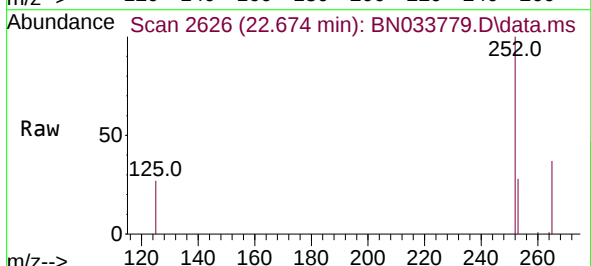
RT: 22.674 min Scan# 2626

Delta R.T. -0.000 min

Lab File: BN033779.D

Acq: 06 Sep 2024 12:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 12751 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 27.9  | 21.8  | 32.8  |
| 125       | 26.7  | 15.4  | 23.2  |





#39

Benzo(a)pyrene

Concen: 0.208 ng

RT: 23.177 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN033779.D

Acq: 06 Sep 2024 12:57

Instrument :

BNA\_N

ClientSampleId :

MDL-WATER-03-QT2-2024

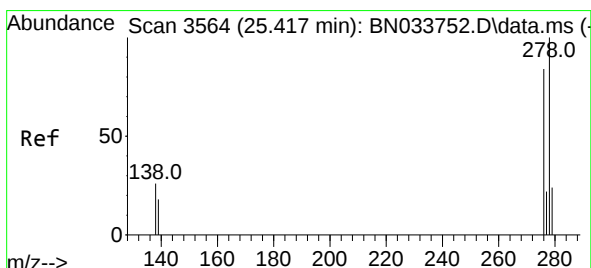
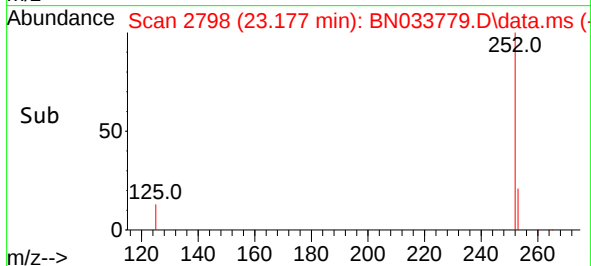
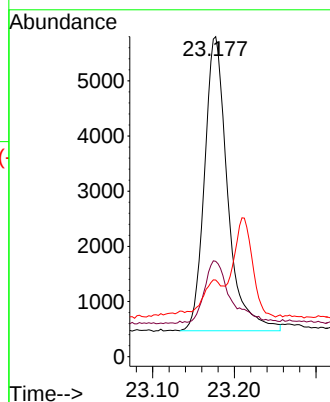
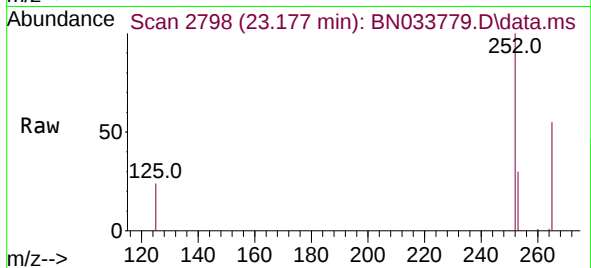
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 252   | Resp: | 1045 |
| Ion Ratio | Lower | Upper |      |
| 252       | 100   |       |      |
| 253       | 29.8  | 24.0  | 36.0 |
| 125       | 23.9  | 19.1  | 28.7 |

Manual Integrations

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Reviewed By :Yogesh Patel 09/07/2024

Supervised By :mohammad ahmed 09/07/2024



#40

Dibenzo(a,h)anthracene

Concen: 0.218 ng

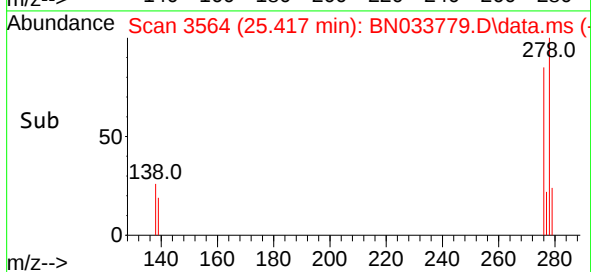
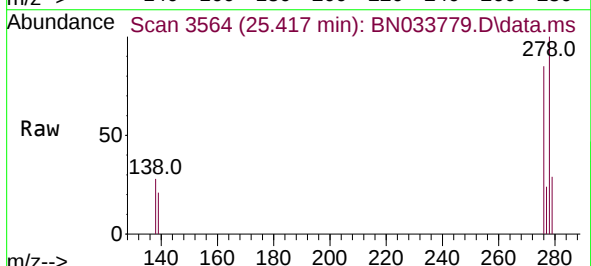
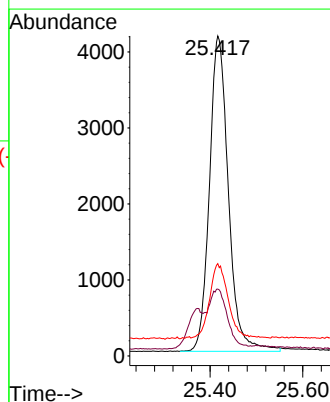
RT: 25.417 min Scan# 3564

Delta R.T. -0.000 min

Lab File: BN033779.D

Acq: 06 Sep 2024 12:57

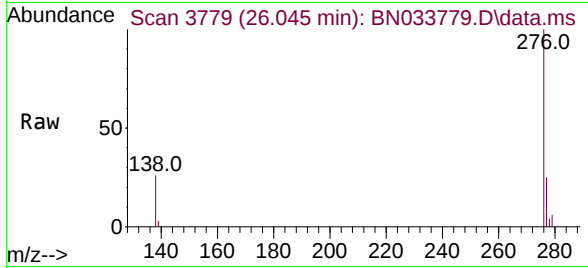
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 278   | Resp: | 11776 |
| Ion Ratio | Lower | Upper |       |
| 278       | 100   |       |       |
| 139       | 20.9  | 16.7  | 25.1  |
| 279       | 28.9  | 23.4  | 35.0  |





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.202 ng  
 RT: 26.045 min Scan# 31  
 Delta R.T. -0.003 min  
 Lab File: BN033779.D  
 Acq: 06 Sep 2024 12:57

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-WATER-03-QT2-2024



|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 276   | Resp: | 1187 |
| Ion Ratio | Lower | Upper |      |
| 276       | 100   |       |      |
| 277       | 25.0  | 20.3  | 30.5 |
| 138       | 25.9  | 20.9  | 31.3 |

Manual Integrations  
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Reviewed By :Yogesh Patel 09/07/2024  
 Supervised By :mohammad ahmed 09/07/2024

