

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG010524\  
 Data File : BG060276.D  
 Acq On : 5 Jan 2024 18:38  
 Operator : MA/JU  
 Sample : 05967-09  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 COM99

Quant Time: Jan 06 00:44:51 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG122923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 30 03:14:04 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.932  | 152  | 227995   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.735 | 136  | 843352   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.572 | 164  | 578188   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.316 | 188  | 1470989  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.581 | 240  | 1550322  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.754 | 264  | 1798719  | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.506  | 112  | 668218   | 44.236  | ng    | 0.00     |
| 7) Phenol-d6                | 7.092  | 99   | 528934   | 23.583  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.096  | 82   | 1597716  | 87.506  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.058 | 330  | 1030550  | 133.152 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.191 | 172  | 3517645  | 87.439  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.936 | 244  | 5277921  | 65.449  | ng    | 0.00     |

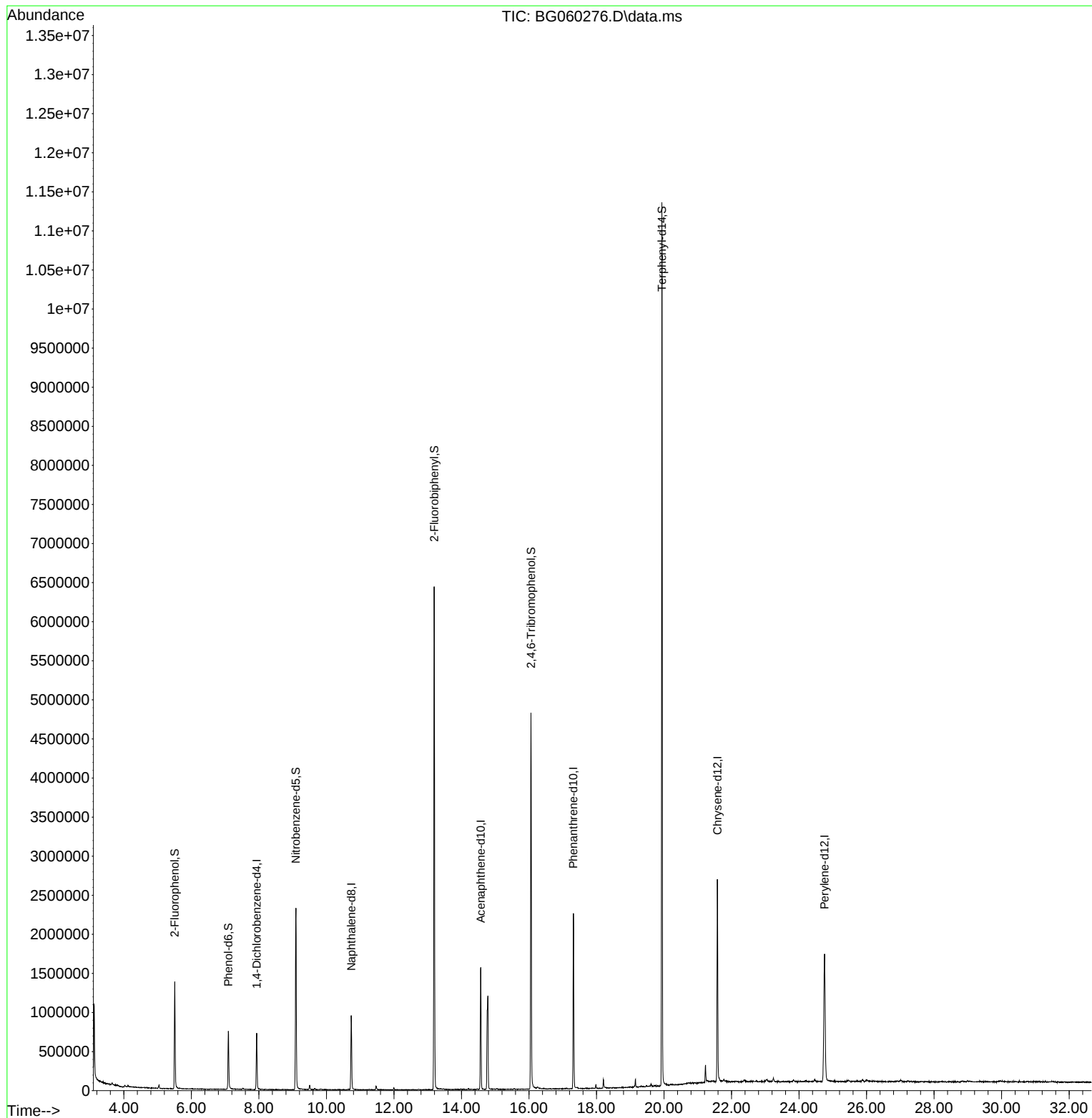
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

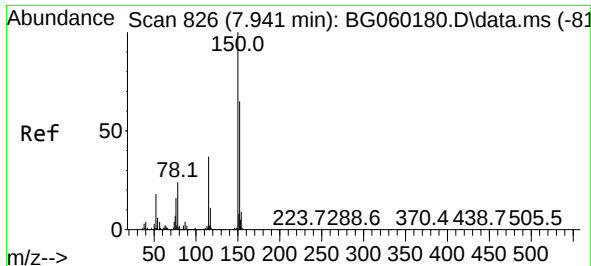
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG010524\  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG122923.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Dec 30 03:14:04 2023  
Response via : Initial Calibration

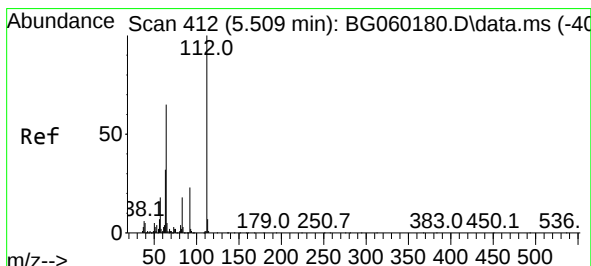
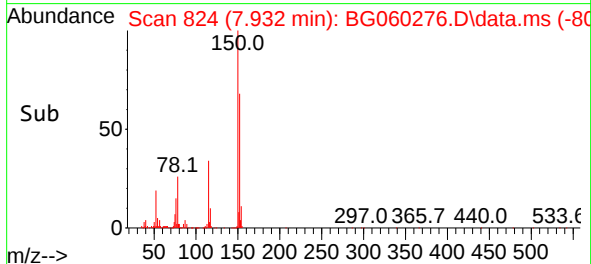
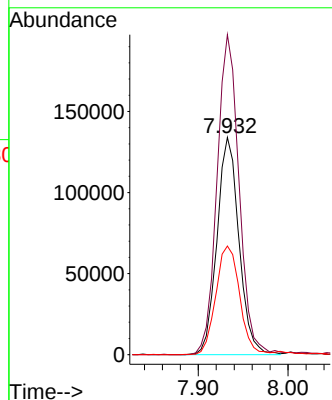
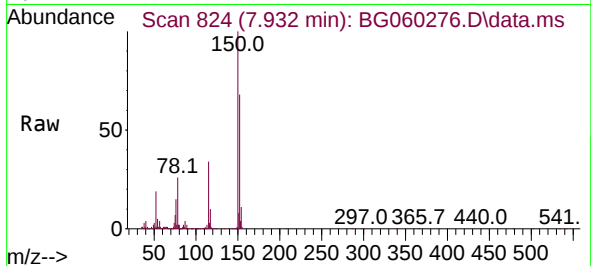




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.932 min Scan# 81  
Delta R.T. -0.009 min  
Lab File: BG060276.D  
Acq: 5 Jan 2024 18:38

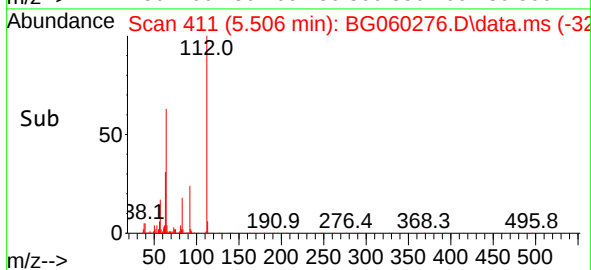
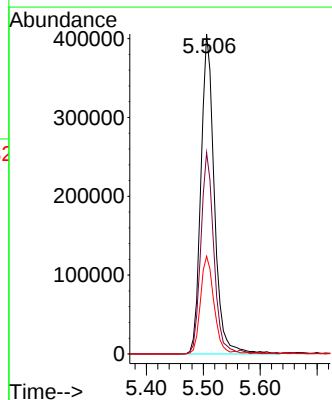
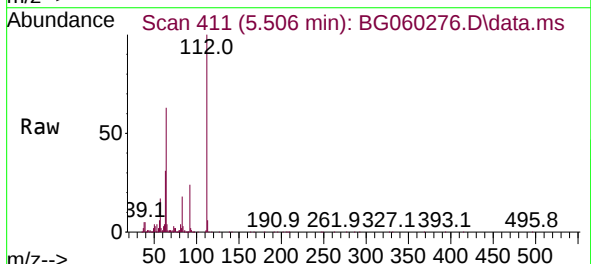
Instrument :  
BNA\_G  
ClientSampleId :  
COM99

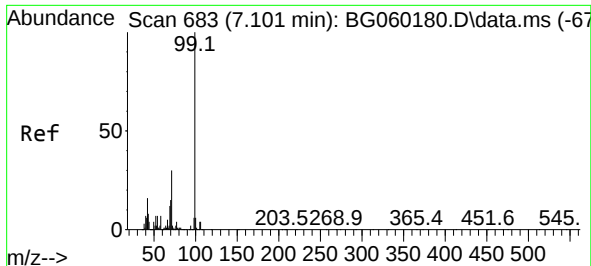
Tgt Ion:152 Resp: 227995  
Ion Ratio Lower Upper  
152 100  
150 147.3 123.4 185.0  
115 50.0 45.4 68.0



#5  
2-Fluorophenol  
Concen: 44.236 ng  
RT: 5.506 min Scan# 411  
Delta R.T. -0.003 min  
Lab File: BG060276.D  
Acq: 5 Jan 2024 18:38

Tgt Ion:112 Resp: 668218  
Ion Ratio Lower Upper  
112 100  
64 62.9 52.2 78.4  
63 30.6 25.4 38.0

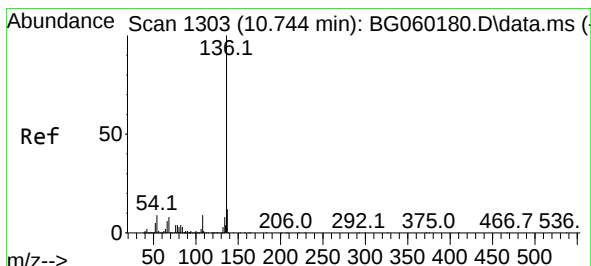
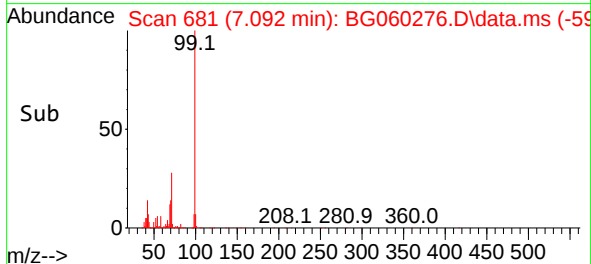
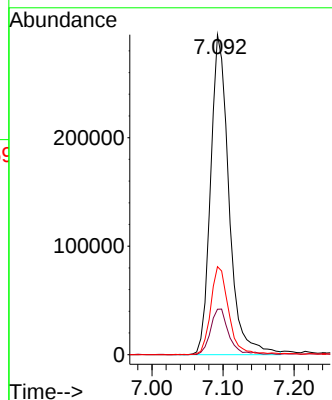
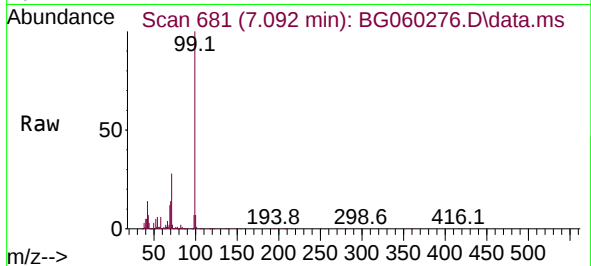




#7  
Phenol-d6  
Concen: 23.583 ng  
RT: 7.092 min Scan# 61  
Delta R.T. -0.009 min  
Lab File: BG060276.D  
Acq: 5 Jan 2024 18:38

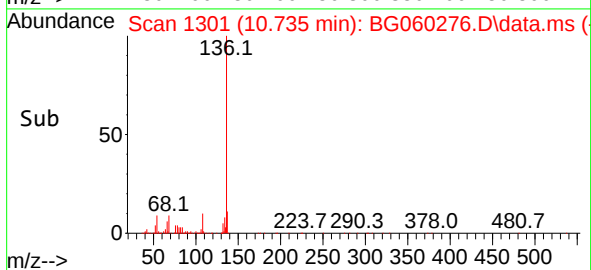
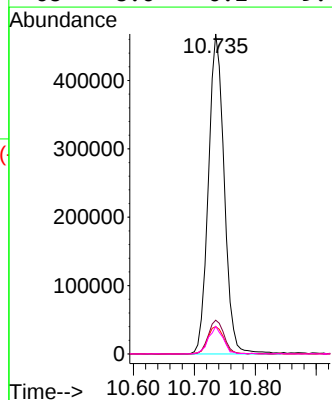
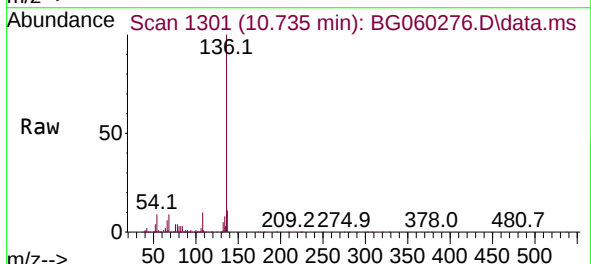
Instrument :  
BNA\_G  
ClientSampleId :  
COM99

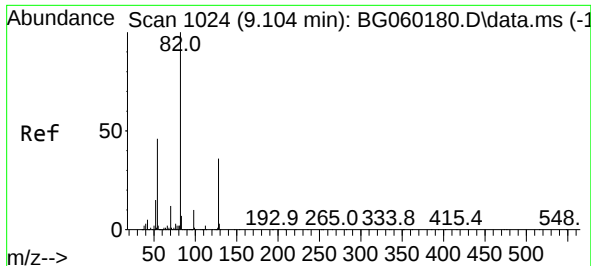
Tgt Ion: 99 Resp: 528934  
Ion Ratio Lower Upper  
99 100  
42 14.2 12.5 18.7  
71 27.5 24.1 36.1



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.735 min Scan# 1301  
Delta R.T. -0.009 min  
Lab File: BG060276.D  
Acq: 5 Jan 2024 18:38

Tgt Ion:136 Resp: 843352  
Ion Ratio Lower Upper  
136 100  
137 10.5 9.4 14.0  
54 8.5 7.4 11.2  
68 8.6 6.2 9.4





#23

Nitrobenzene-d5

Concen: 87.506 ng

RT: 9.096 min Scan# 1022

Delta R.T. -0.009 min

Lab File: BG060276.D

Acq: 5 Jan 2024 18:38

Instrument :

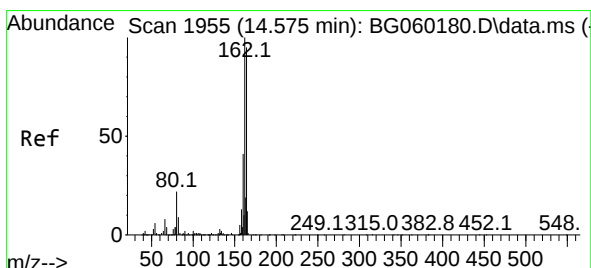
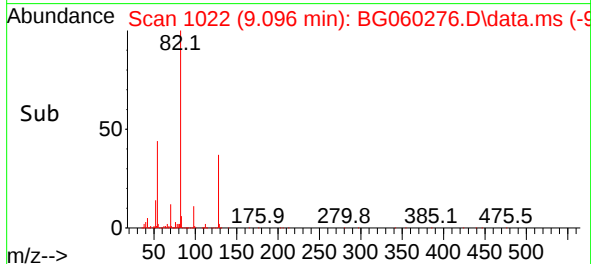
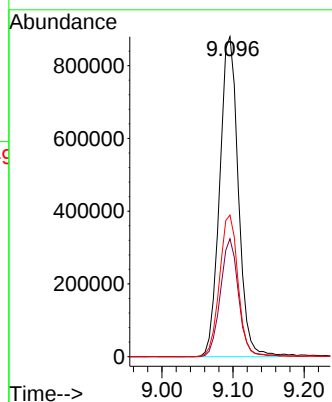
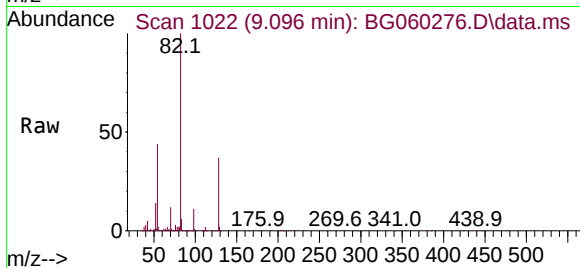
BNA\_G

ClientSampleId :

COM99

Tgt Ion: 82 Resp: 1597716

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 36.9  | 28.7  | 43.1  |
| 54  | 44.3  | 36.9  | 55.3  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.572 min Scan# 1954

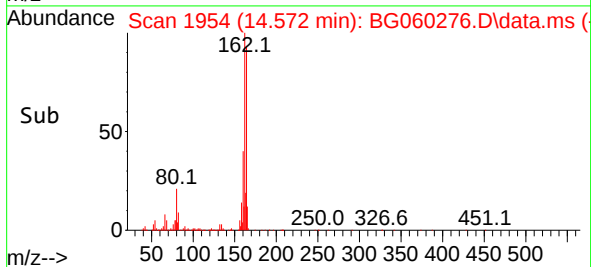
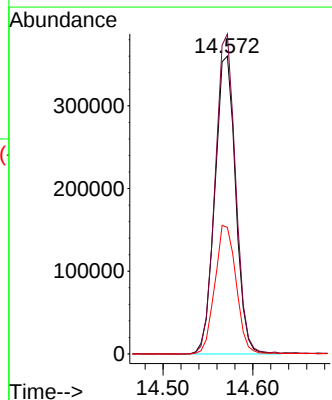
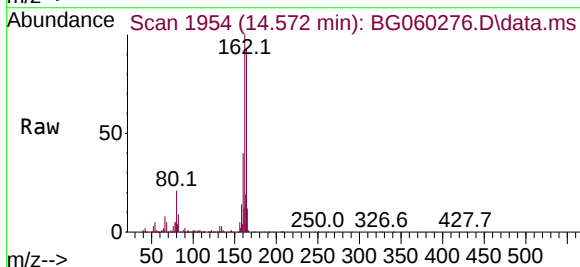
Delta R.T. -0.003 min

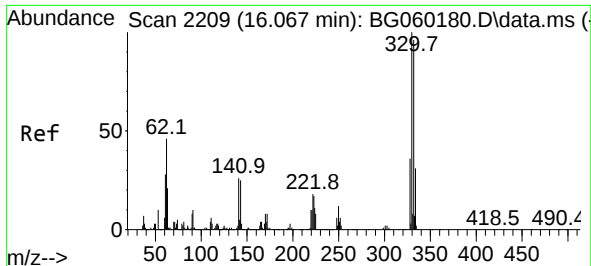
Lab File: BG060276.D

Acq: 5 Jan 2024 18:38

Tgt Ion: 164 Resp: 578188

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 107.4 | 83.9  | 125.9 |
| 160 | 42.5  | 34.2  | 51.4  |

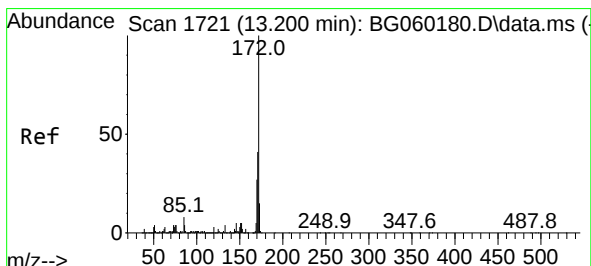
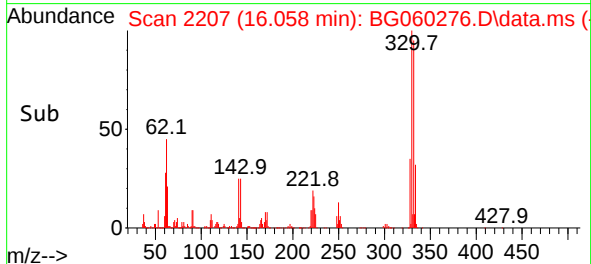
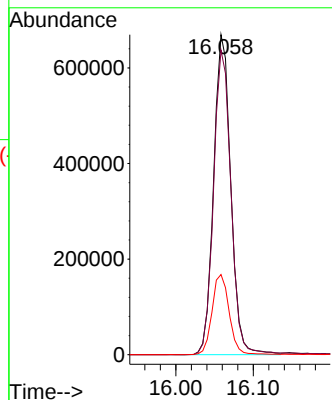
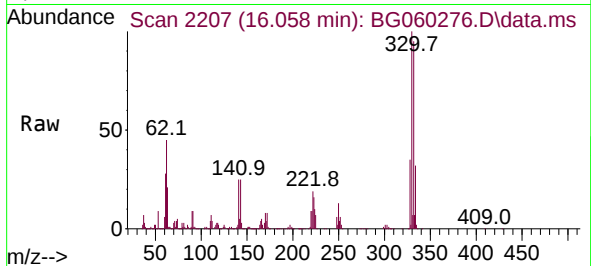




#42  
2,4,6-Tribromophenol  
Concen: 133.152 ng  
RT: 16.058 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BG060276.D  
Acq: 5 Jan 2024 18:38

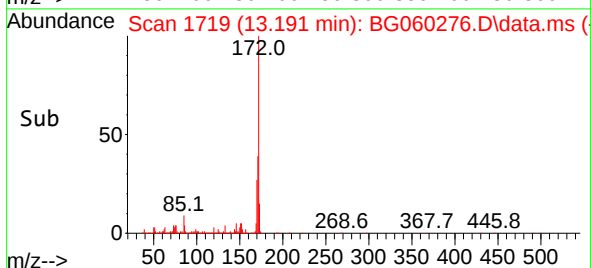
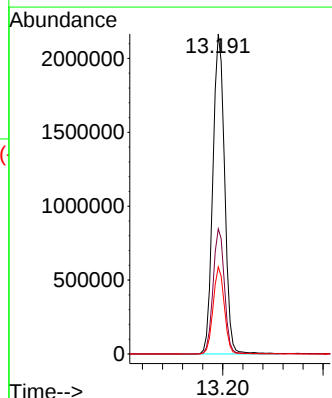
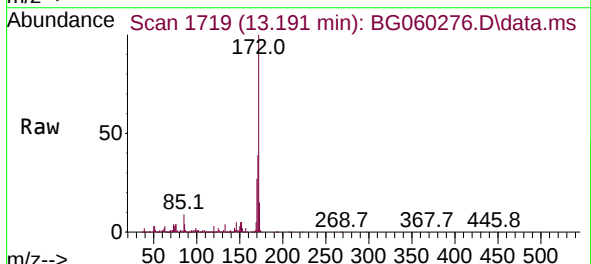
Instrument :  
BNA\_G  
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COM99

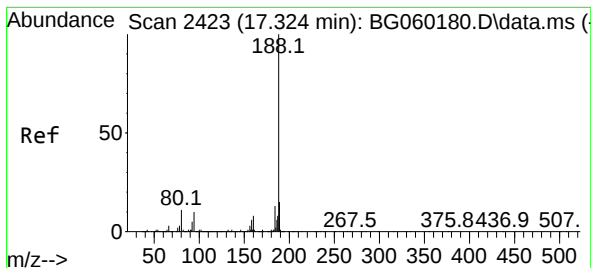
Tgt Ion:330 Resp: 1030550  
Ion Ratio Lower Upper  
330 100  
332 96.8 76.7 115.1  
141 25.2 21.0 31.4



#45  
2-Fluorobiphenyl  
Concen: 87.439 ng  
RT: 13.191 min Scan# 1719  
Delta R.T. -0.009 min  
Lab File: BG060276.D  
Acq: 5 Jan 2024 18:38

Tgt Ion:172 Resp: 3517645  
Ion Ratio Lower Upper  
172 100  
171 39.1 32.6 48.8  
170 27.2 21.8 32.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.316 min Scan# 24

Delta R.T. -0.009 min

Lab File: BG060276.D

Acq: 5 Jan 2024 18:38

Instrument :

BNA\_G

ClientSampleId :

COM99

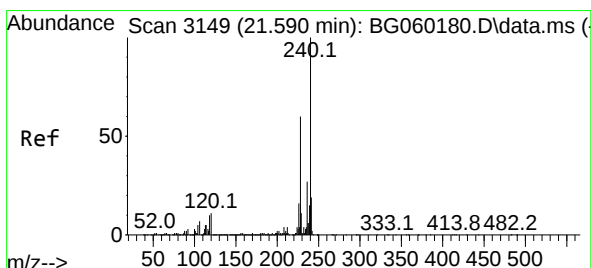
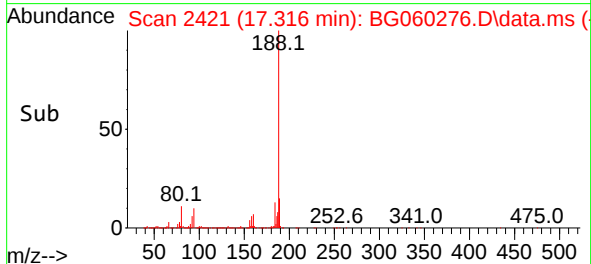
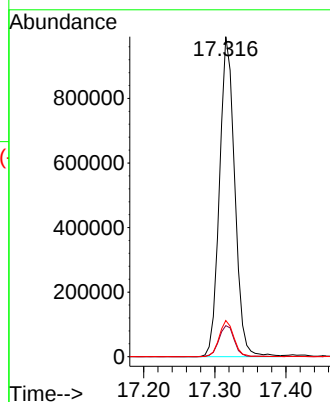
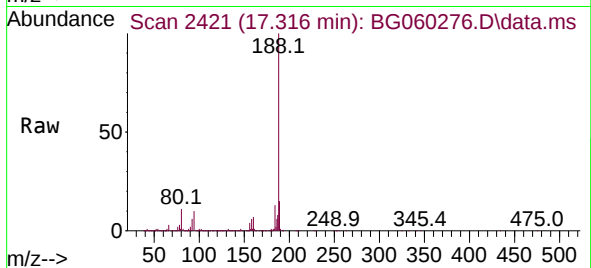
Tgt Ion:188 Resp: 1470989

Ion Ratio Lower Upper

188 100

94 9.7 7.8 11.6

80 11.3 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.581 min Scan# 3147

Delta R.T. -0.009 min

Lab File: BG060276.D

Acq: 5 Jan 2024 18:38

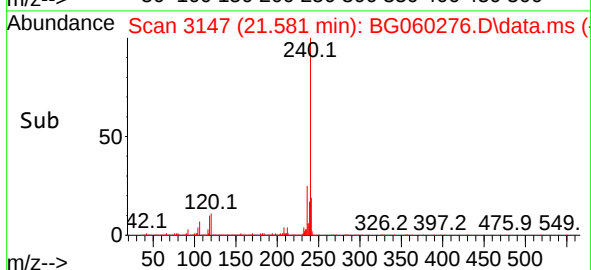
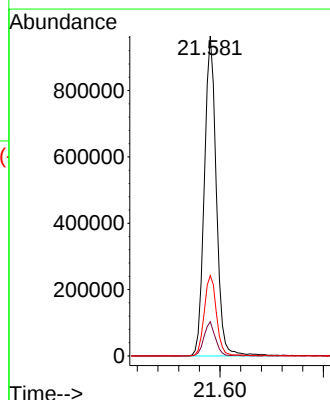
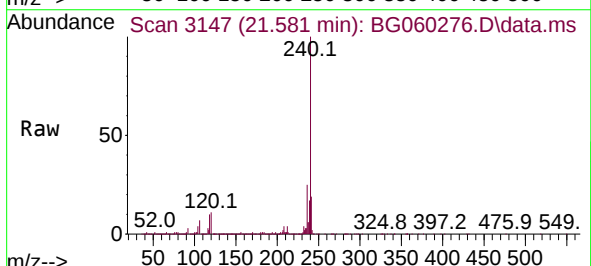
Tgt Ion:240 Resp: 1550322

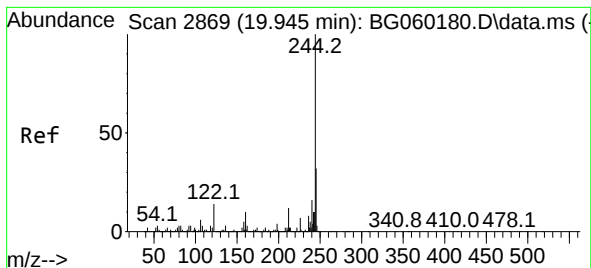
Ion Ratio Lower Upper

240 100

120 10.7 8.5 12.7

236 25.1 21.4 32.2





#79

Terphenyl-d14

Concen: 65.449 ng

RT: 19.936 min Scan# 2

Delta R.T. -0.009 min

Lab File: BG060276.D

Acq: 5 Jan 2024 18:38

Instrument :

BNA\_G

ClientSampleId :

COM99

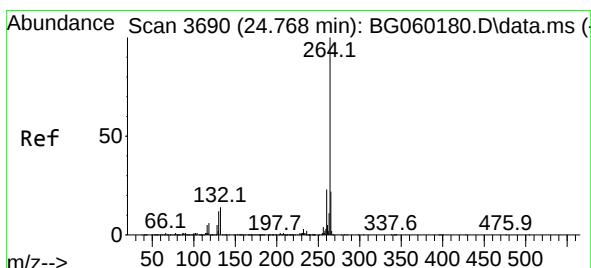
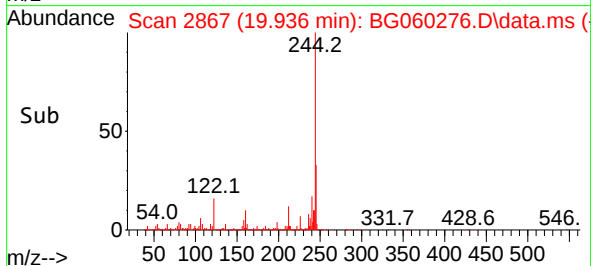
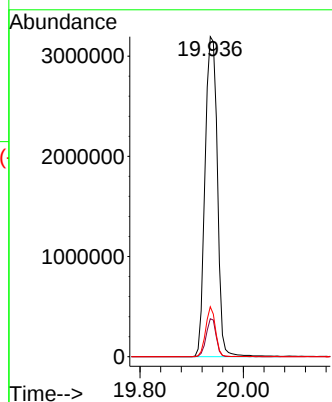
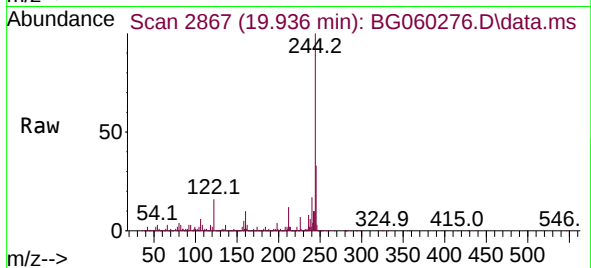
Tgt Ion:244 Resp: 5277921

Ion Ratio Lower Upper

244 100

212 11.9 9.5 14.3

122 15.6 11.4 17.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.754 min Scan# 3687

Delta R.T. -0.015 min

Lab File: BG060276.D

Acq: 5 Jan 2024 18:38

Tgt Ion:264 Resp: 1798719

Ion Ratio Lower Upper

264 100

260 21.9 18.0 27.0

265 22.2 17.4 26.0

