

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG112123\  
 Data File : BG059804.D  
 Acq On : 21 Nov 2023 23:07  
 Operator : MA/JU  
 Sample : 05378-04  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MH-3

Quant Time: Nov 22 00:34:46 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 17 01:51:38 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.334  | 152  | 24057    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.184 | 136  | 101668   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.962 | 164  | 105869   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.717 | 188  | 258698   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 22.042 | 240  | 199585   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 25.626 | 264  | 222229   | 20.000  | ng    | # 0.00   |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.831  | 112  | 168111   | 117.618 | ng    | 0.00     |
| 7) Phenol-d6                | 7.459  | 99   | 233851   | 110.407 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.539  | 82   | 265830   | 99.860  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.454 | 330  | 231385   | 192.626 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.587 | 172  | 786322   | 99.975  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.291 | 244  | 1707833  | 126.321 | ng    | 0.00     |

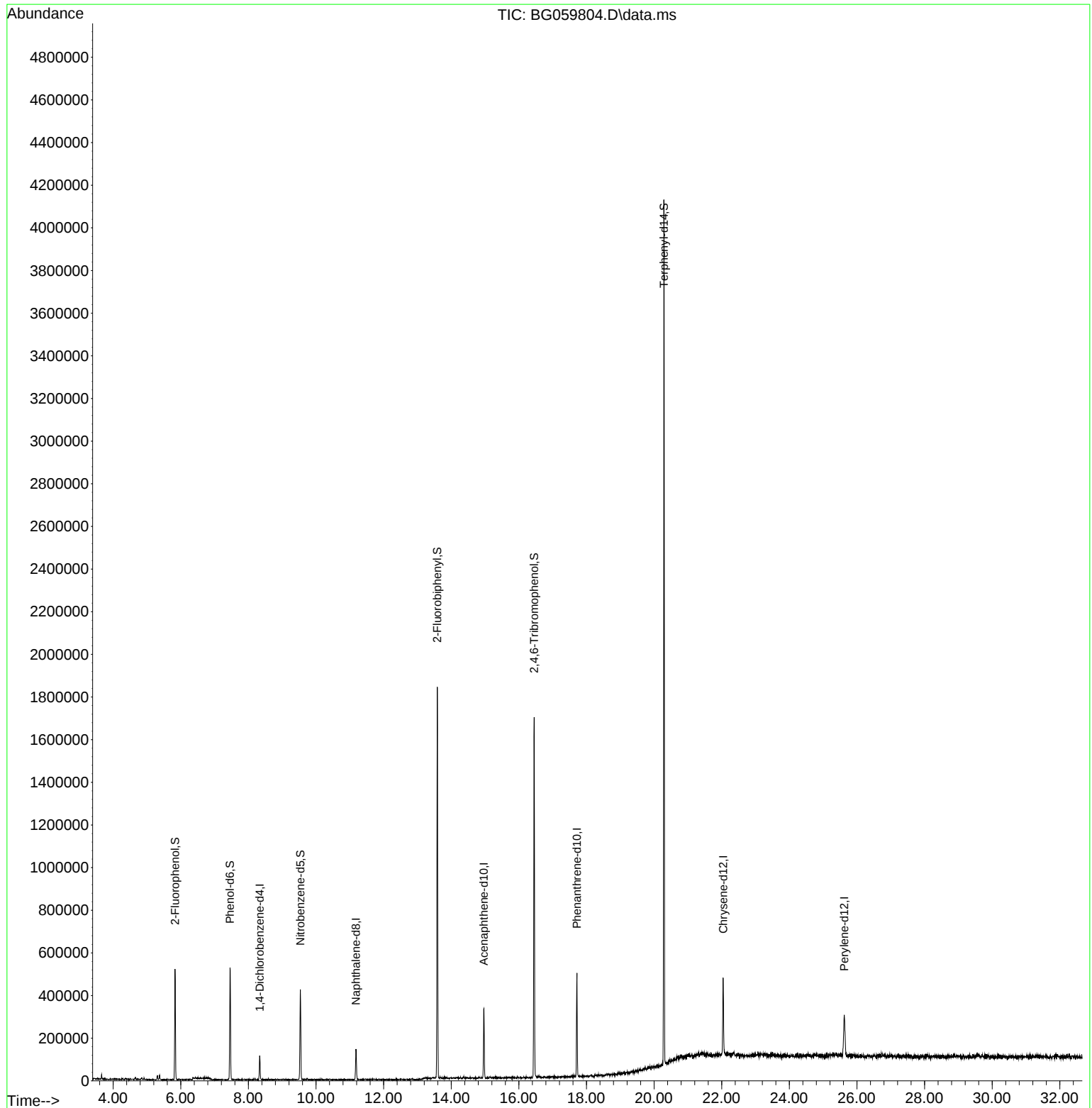
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

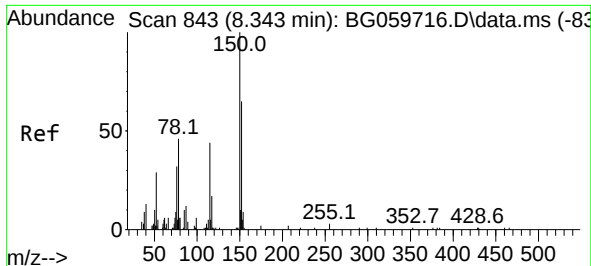
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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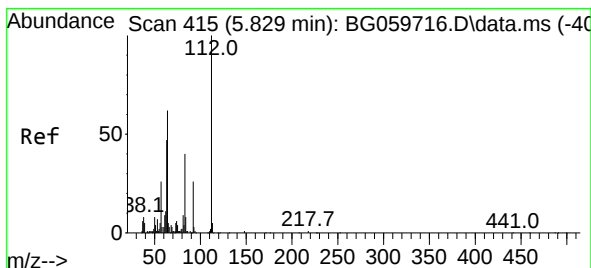
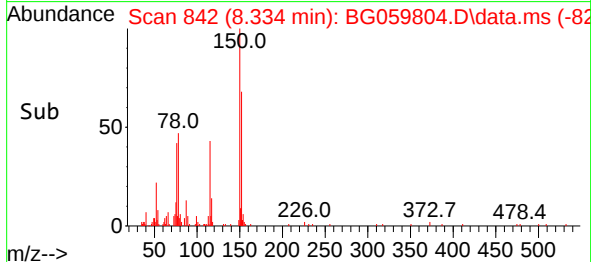
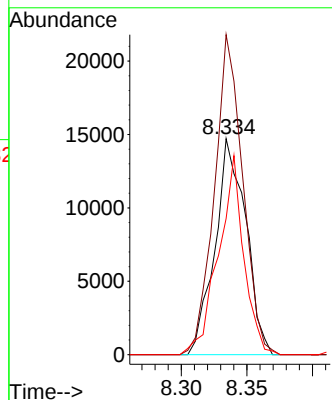
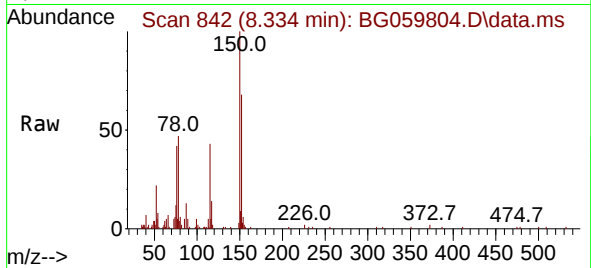




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.334 min Scan# 843  
Delta R.T. -0.009 min  
Lab File: BG059804.D  
Acq: 21 Nov 2023 23:07

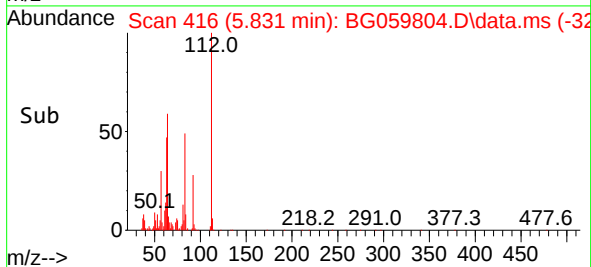
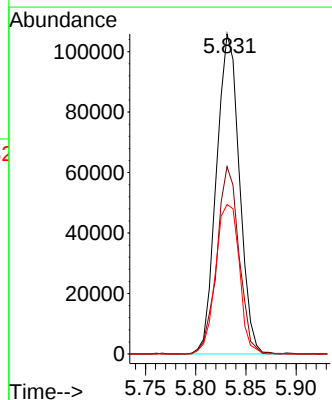
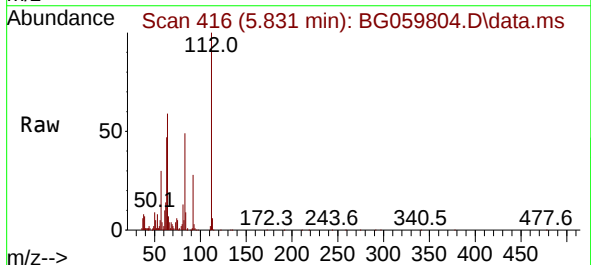
Instrument :  
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ClientSampleId :  
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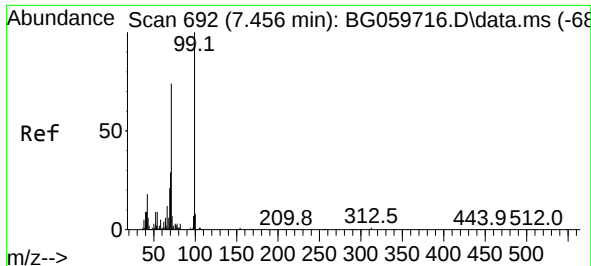
Tgt Ion:152 Resp: 24057  
Ion Ratio Lower Upper  
152 100  
150 148.1 122.2 183.4  
115 63.0 54.2 81.4



#5  
2-Fluorophenol  
Concen: 117.618 ng  
RT: 5.831 min Scan# 416  
Delta R.T. 0.003 min  
Lab File: BG059804.D  
Acq: 21 Nov 2023 23:07

Tgt Ion:112 Resp: 168111  
Ion Ratio Lower Upper  
112 100  
64 58.6 49.5 74.3  
63 46.7 37.4 56.2

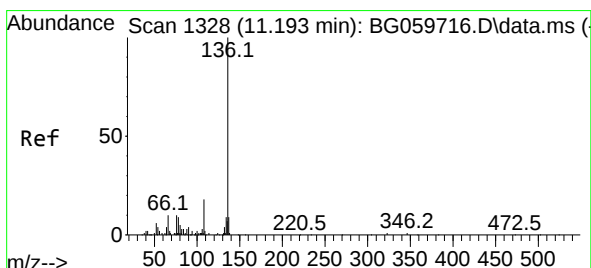
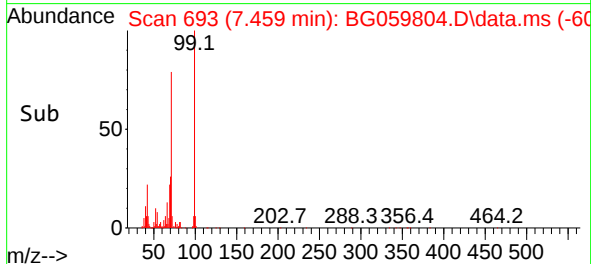
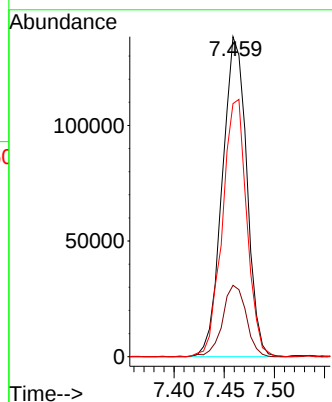
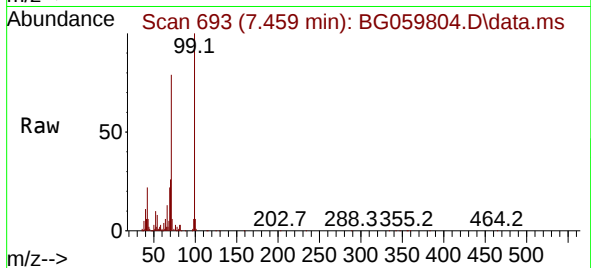




#7  
Phenol-d6  
Concen: 110.407 ng  
RT: 7.459 min Scan# 693  
Delta R.T. 0.003 min  
Lab File: BG059804.D  
Acq: 21 Nov 2023 23:07

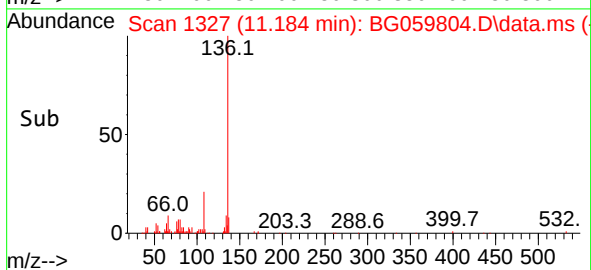
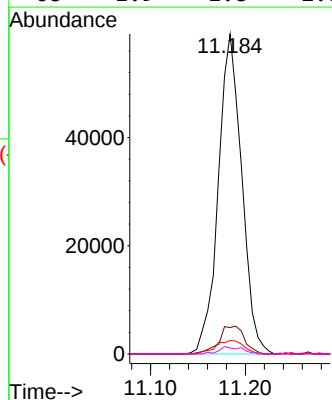
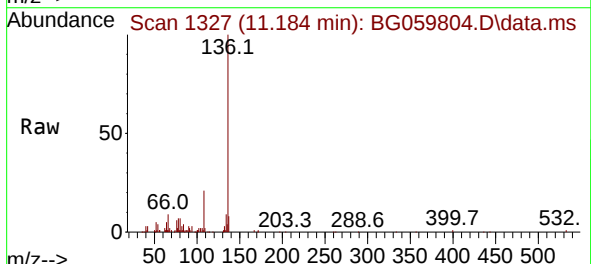
Instrument :  
BNA\_G  
ClientSampleId :  
MH-3

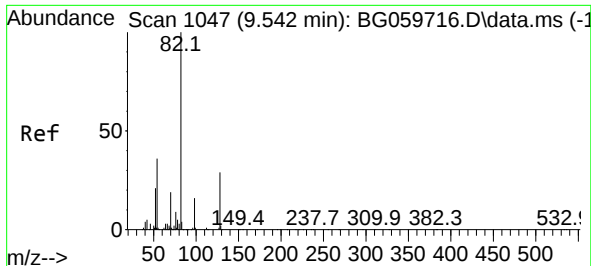
Tgt Ion: 99 Resp: 233851  
Ion Ratio Lower Upper  
99 100  
42 22.3 14.3 21.5#  
71 79.1 59.3 88.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.184 min Scan# 1327  
Delta R.T. -0.009 min  
Lab File: BG059804.D  
Acq: 21 Nov 2023 23:07

Tgt Ion: 136 Resp: 101668  
Ion Ratio Lower Upper  
136 100  
137 8.3 7.4 11.0  
54 4.2 3.1 4.7  
68 1.9 1.8 2.8

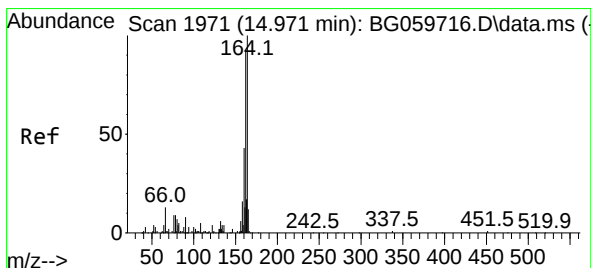
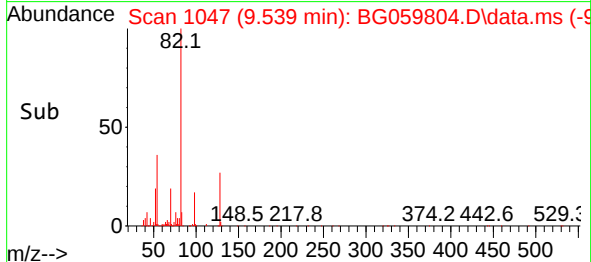
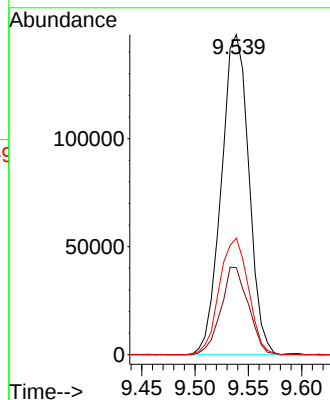
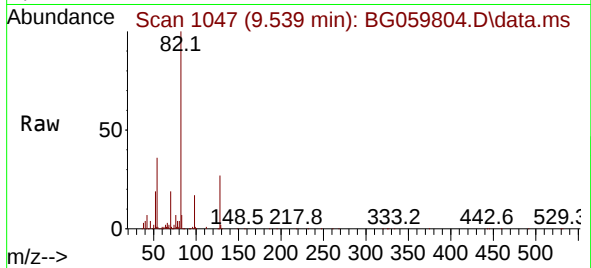




#23  
Nitrobenzene-d5  
Concen: 99.860 ng  
RT: 9.539 min Scan# 1047  
Delta R.T. -0.003 min  
Lab File: BG059804.D  
Acq: 21 Nov 2023 23:07

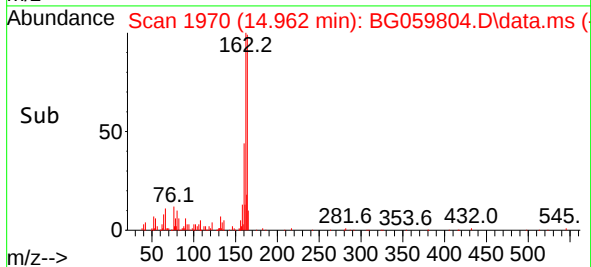
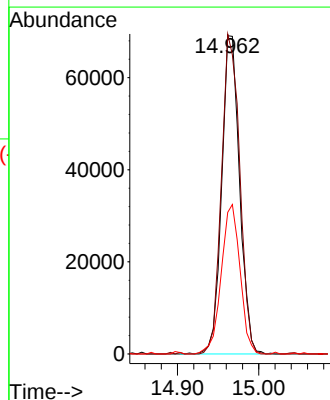
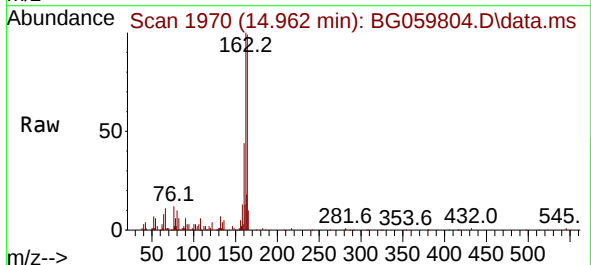
Instrument :  
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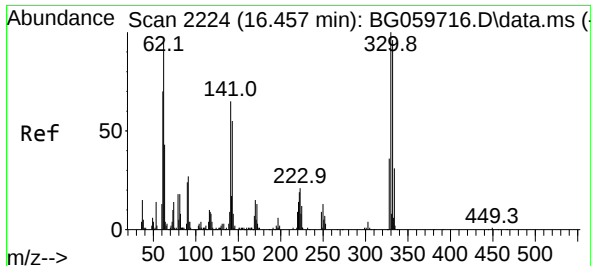
Tgt Ion: 82 Resp: 265830  
Ion Ratio Lower Upper  
82 100  
128 27.2 23.0 34.6  
54 36.5 28.7 43.1



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.962 min Scan# 1970  
Delta R.T. -0.009 min  
Lab File: BG059804.D  
Acq: 21 Nov 2023 23:07

Tgt Ion:164 Resp: 105869  
Ion Ratio Lower Upper  
164 100  
162 100.6 73.3 109.9  
160 44.5 34.1 51.1

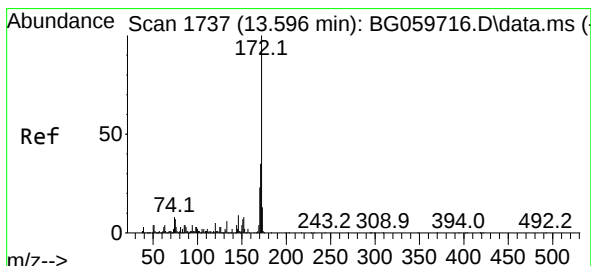
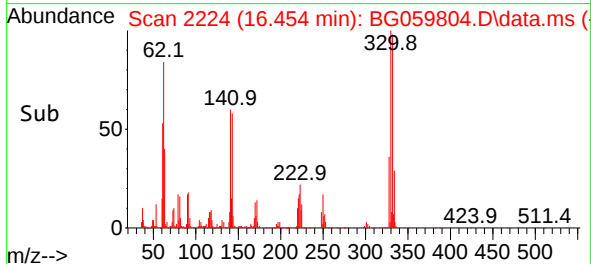
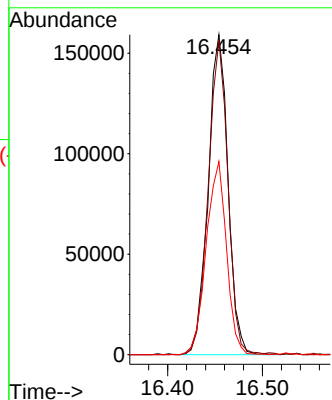
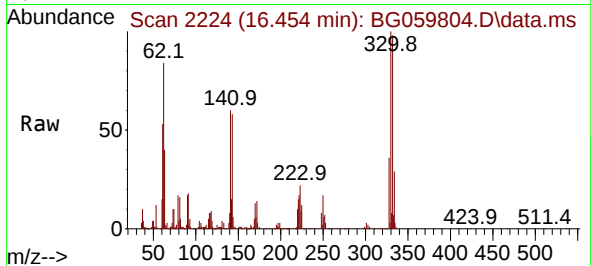




#42  
2,4,6-Tribromophenol  
Concen: 192.626 ng  
RT: 16.454 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG059804.D  
Acq: 21 Nov 2023 23:07

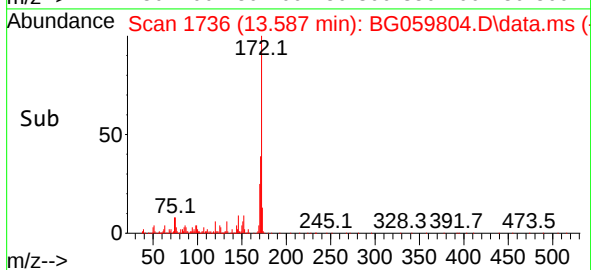
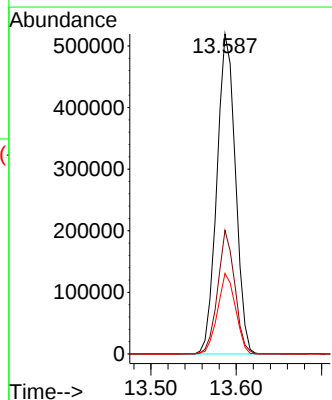
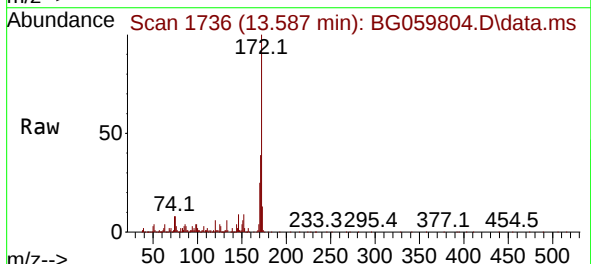
Instrument :  
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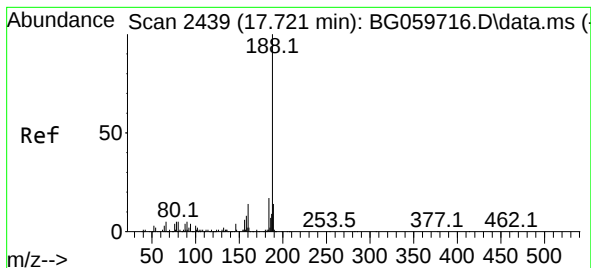
Tgt Ion:330 Resp: 231385  
Ion Ratio Lower Upper  
330 100  
332 96.9 73.3 109.9  
141 61.7 52.1 78.1



#45  
2-Fluorobiphenyl  
Concen: 99.975 ng  
RT: 13.587 min Scan# 1736  
Delta R.T. -0.009 min  
Lab File: BG059804.D  
Acq: 21 Nov 2023 23:07

Tgt Ion:172 Resp: 786322  
Ion Ratio Lower Upper  
172 100  
171 38.6 27.7 41.5  
170 25.2 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.717 min Scan# 2439

Delta R.T. -0.003 min

Lab File: BG059804.D

Acq: 21 Nov 2023 23:07

Instrument :

BNA\_G

ClientSampleId :

MH-3

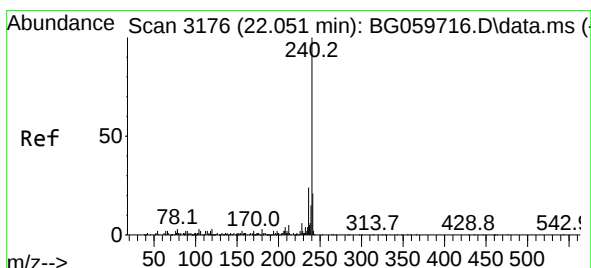
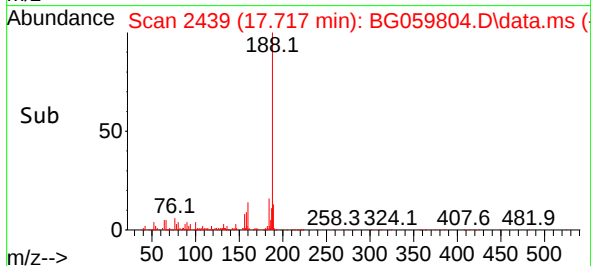
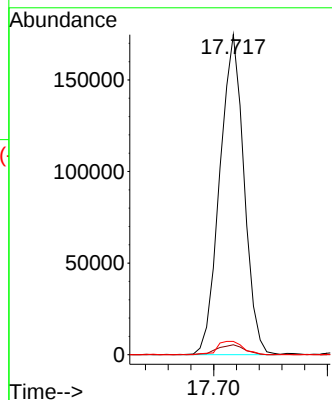
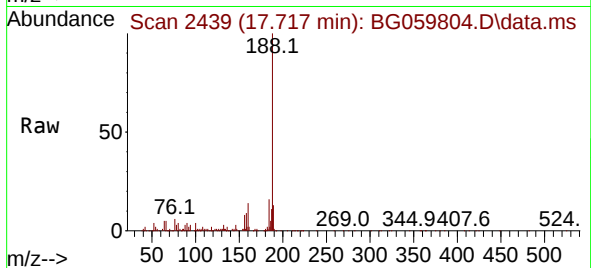
Tgt Ion:188 Resp: 258698

Ion Ratio Lower Upper

188 100

94 3.1 3.0 4.4

80 4.1 4.2 6.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.042 min Scan# 3175

Delta R.T. -0.009 min

Lab File: BG059804.D

Acq: 21 Nov 2023 23:07

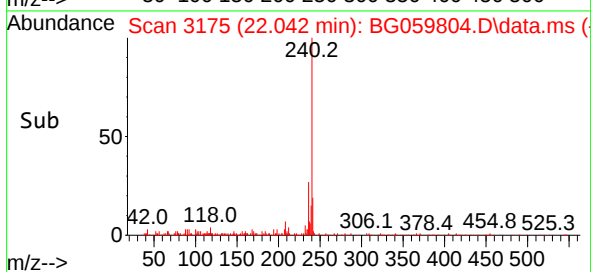
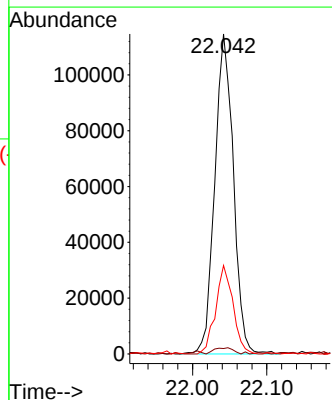
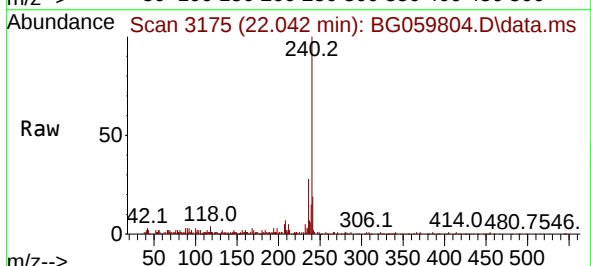
Tgt Ion:240 Resp: 199585

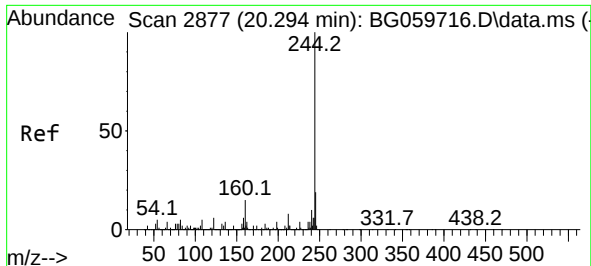
Ion Ratio Lower Upper

240 100

120 1.7 2.2 3.2#

236 27.6 19.4 29.2

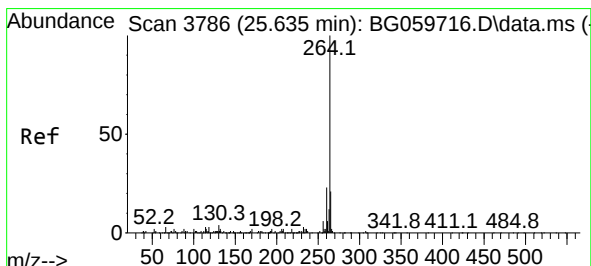
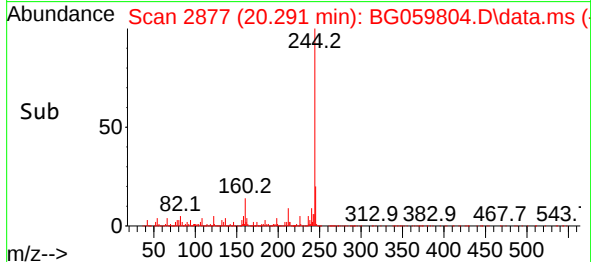
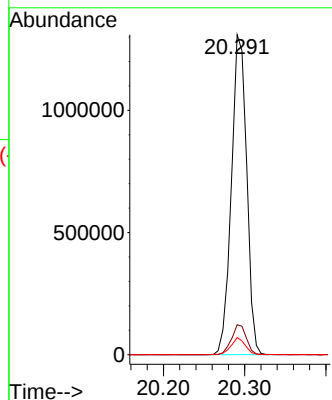
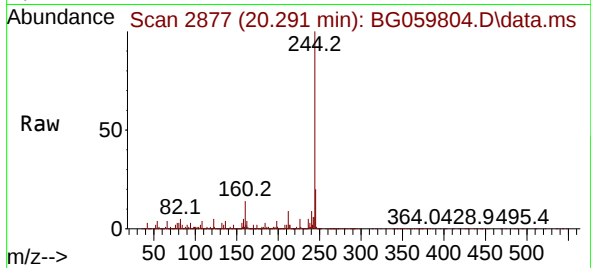




#79  
 Terphenyl-d14  
 Concen: 126.321 ng  
 RT: 20.291 min Scan# 21  
 Delta R.T. -0.003 min  
 Lab File: BG059804.D  
 Acq: 21 Nov 2023 23:07

Instrument :  
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Tgt Ion:244 Resp: 1707833  
 Ion Ratio Lower Upper  
 244 100  
 212 9.4 6.6 10.0  
 122 5.4 4.4 6.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.626 min Scan# 3785  
 Delta R.T. -0.009 min  
 Lab File: BG059804.D  
 Acq: 21 Nov 2023 23:07

Tgt Ion:264 Resp: 222229  
 Ion Ratio Lower Upper  
 264 100  
 260 28.7 18.5 27.7#  
 265 22.8 17.0 25.6

