

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM060722\  
 Data File : BM035410.D  
 Acq On : 07 Jun 2022 13:07  
 Operator : CG/JU  
 Sample : N3186-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 2513-2514

Quant Time: Jun 07 15:09:06 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM060222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 07 14:28:07 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.845  | 152  | 168941   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.639 | 136  | 631789   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.480 | 164  | 393803   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.227 | 188  | 869553   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.415 | 240  | 945335   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 23.774 | 264  | 1055116  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.428  | 112  | 815865   | 101.479 | ng    | 0.00     |
| 7) Phenol-d6                | 7.028  | 99   | 1014280  | 92.358  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.004  | 82   | 600537   | 60.355  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.974 | 330  | 548361   | 86.787  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.104 | 172  | 1406873  | 51.311  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.856 | 244  | 2050390  | 43.211  | ng    | 0.00     |

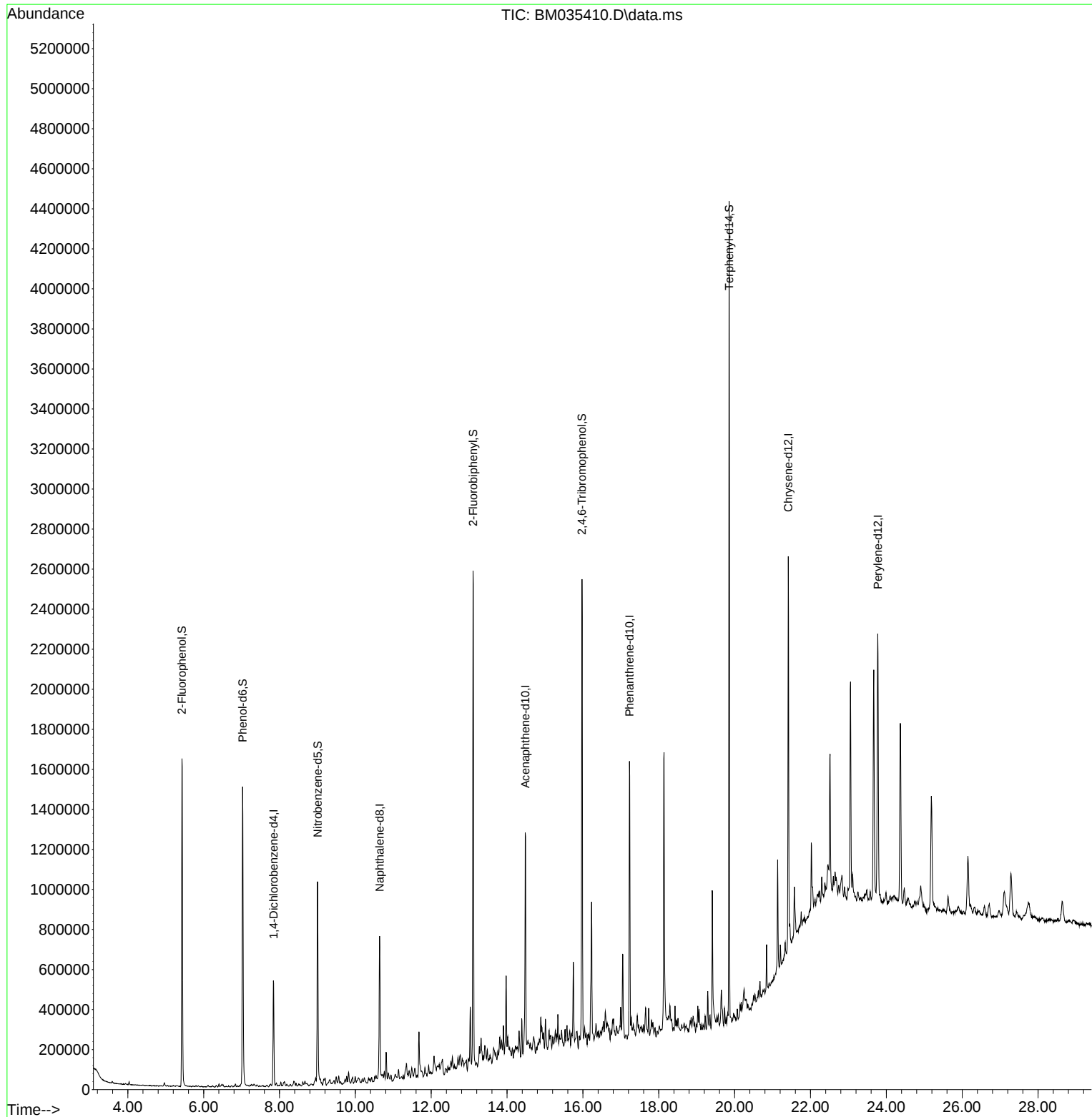
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

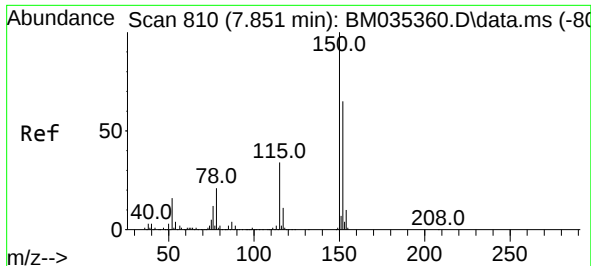
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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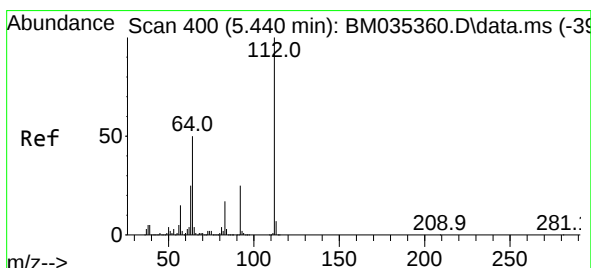
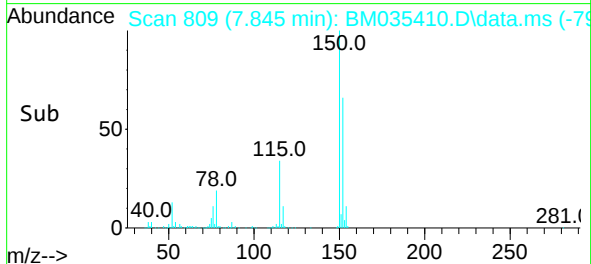
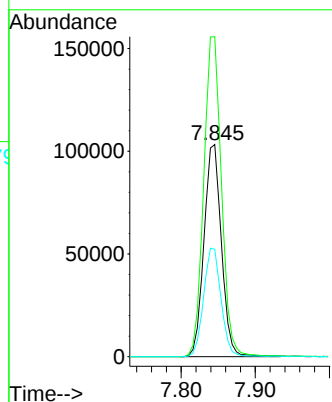
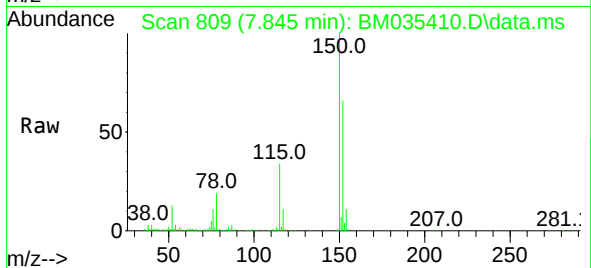




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.845 min Scan# 80  
Delta R.T. 0.005 min  
Lab File: BM035410.D  
Acq: 07 Jun 2022 13:07

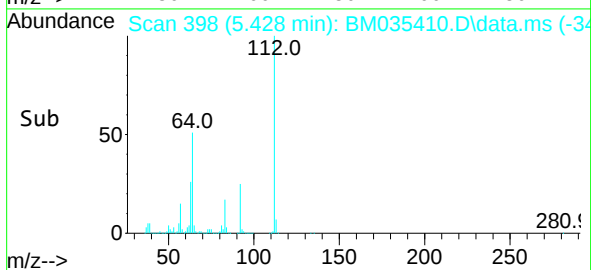
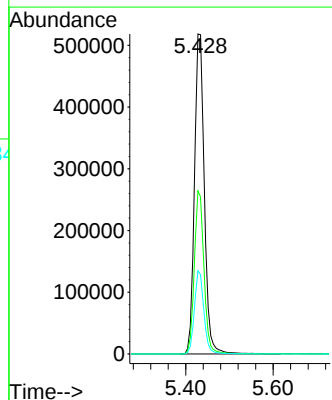
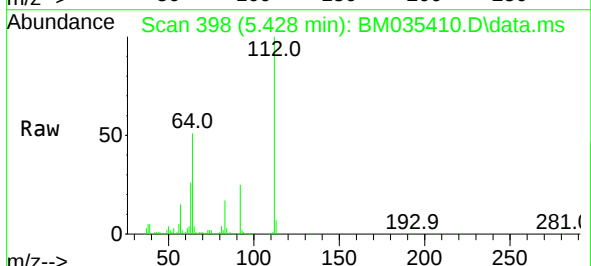
Instrument :  
BNA\_M  
ClientSampleId :  
2513-2514

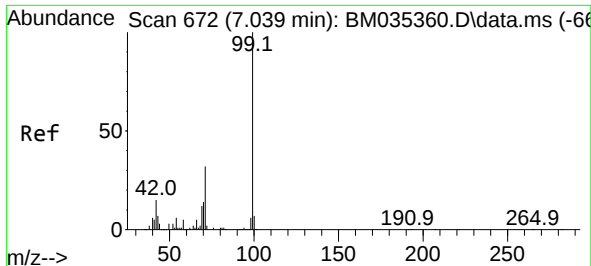
Tgt Ion:152 Resp: 168941  
Ion Ratio Lower Upper  
152 100  
150 150.8 124.9 187.3  
115 50.6 47.9 71.9



#5  
2-Fluorophenol  
Concen: 101.479 ng  
RT: 5.428 min Scan# 398  
Delta R.T. -0.000 min  
Lab File: BM035410.D  
Acq: 07 Jun 2022 13:07

Tgt Ion:112 Resp: 815865  
Ion Ratio Lower Upper  
112 100  
64 51.0 47.8 71.6  
63 26.0 26.6 40.0#

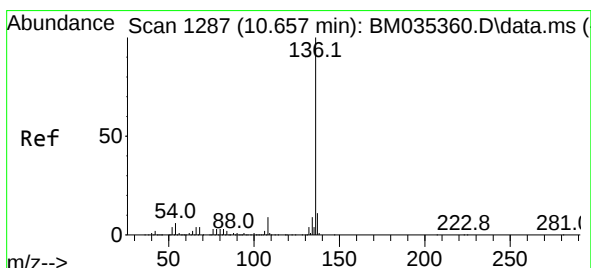
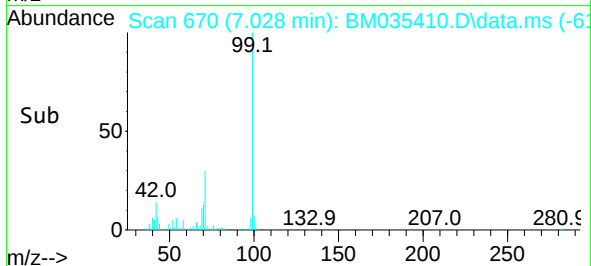
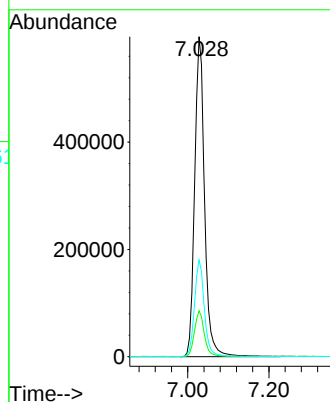
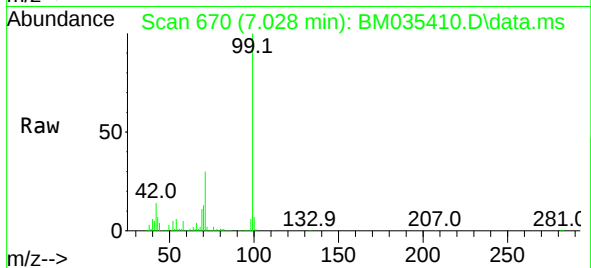




#7  
Phenol-d6  
Concen: 92.358 ng  
RT: 7.028 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BM035410.D  
Acq: 07 Jun 2022 13:07

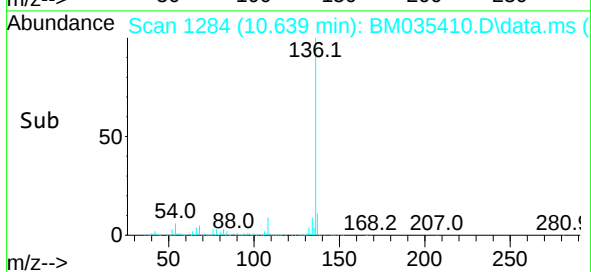
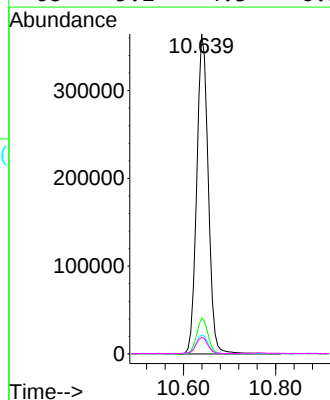
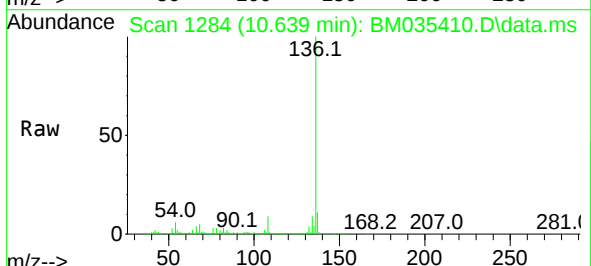
Instrument :  
BNA\_M  
ClientSampleId :  
2513-2514

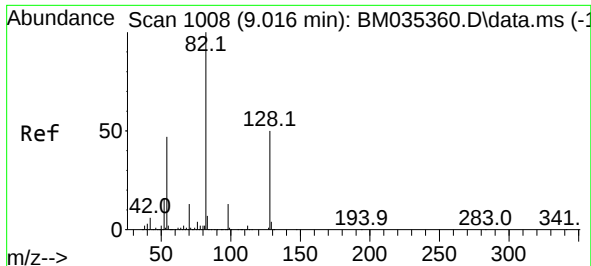
Tgt Ion: 99 Resp: 1014280  
Ion Ratio Lower Upper  
99 100  
42 14.4 18.8 28.2#  
71 30.3 30.2 45.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.639 min Scan# 1284  
Delta R.T. -0.000 min  
Lab File: BM035410.D  
Acq: 07 Jun 2022 13:07

Tgt Ion: 136 Resp: 631789  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.9 13.3  
54 5.9 7.0 10.4#  
68 5.2 4.3 6.5

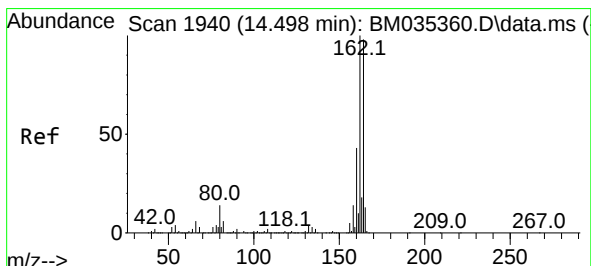
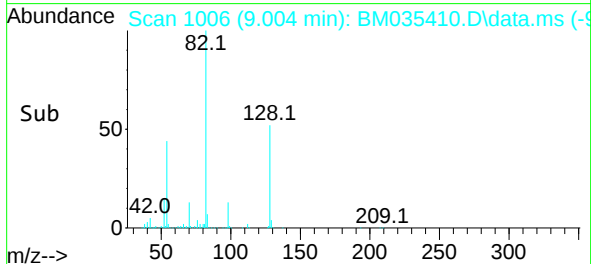
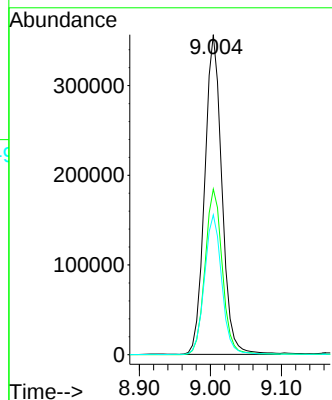
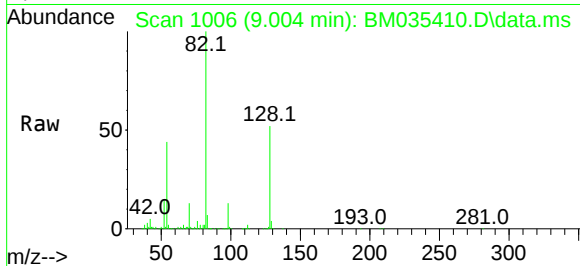




#23  
Nitrobenzene-d5  
Concen: 60.355 ng  
RT: 9.004 min Scan# 1006  
Delta R.T. -0.000 min  
Lab File: BM035410.D  
Acq: 07 Jun 2022 13:07

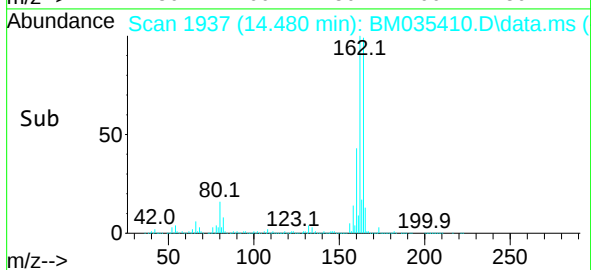
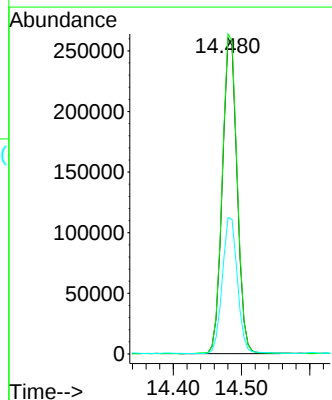
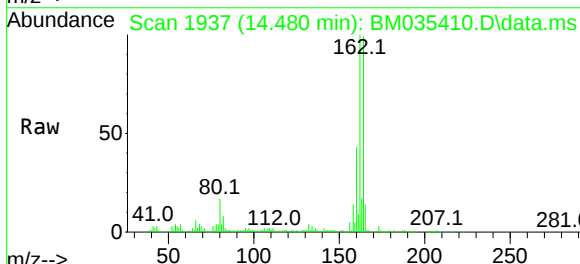
Instrument :  
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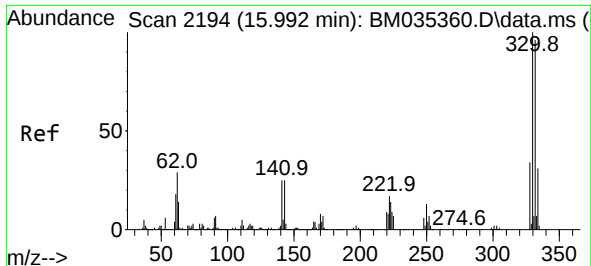
Tgt Ion: 82 Resp: 600537  
Ion Ratio Lower Upper  
82 100  
128 51.7 33.7 50.5#  
54 43.7 43.2 64.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.480 min Scan# 1937  
Delta R.T. -0.006 min  
Lab File: BM035410.D  
Acq: 07 Jun 2022 13:07

Tgt Ion: 164 Resp: 393803  
Ion Ratio Lower Upper  
164 100  
162 101.3 83.0 124.6  
160 43.2 37.0 55.4

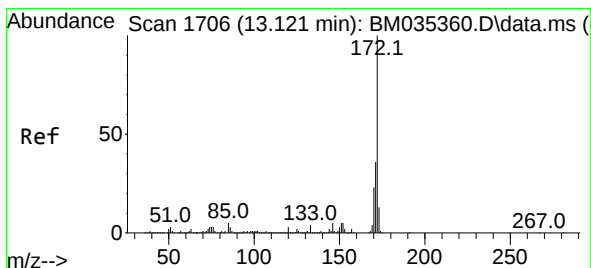
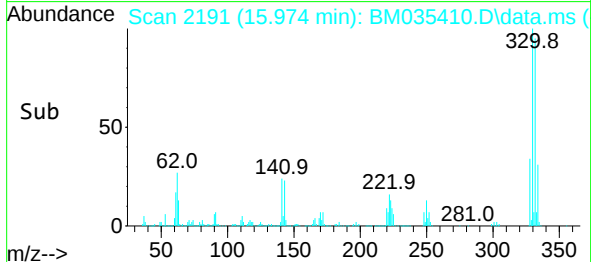
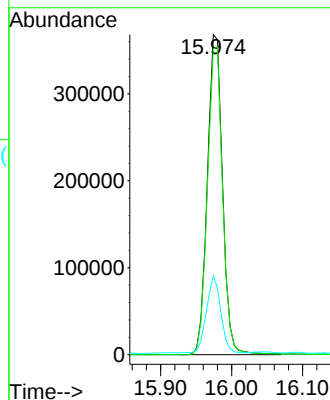
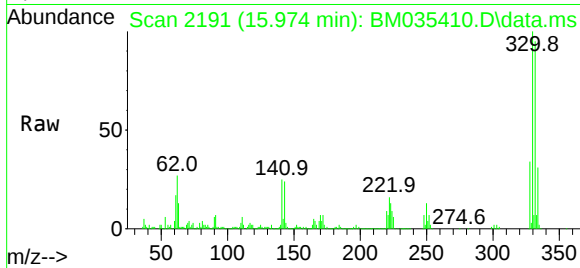




#42  
2,4,6-Tribromophenol  
Concen: 86.787 ng  
RT: 15.974 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM035410.D  
Acq: 07 Jun 2022 13:07

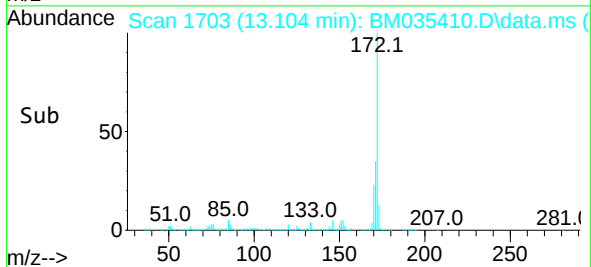
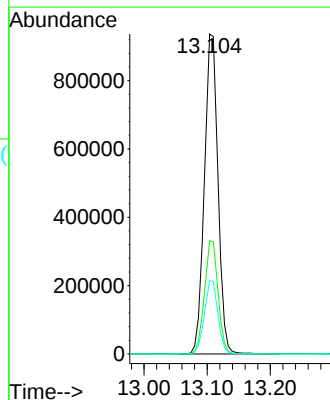
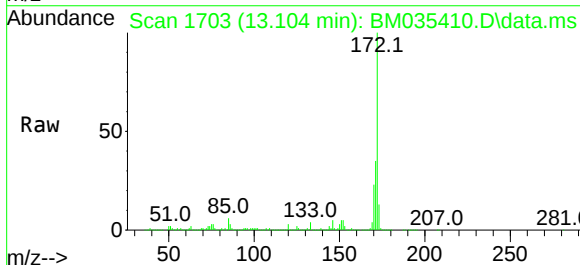
Instrument :  
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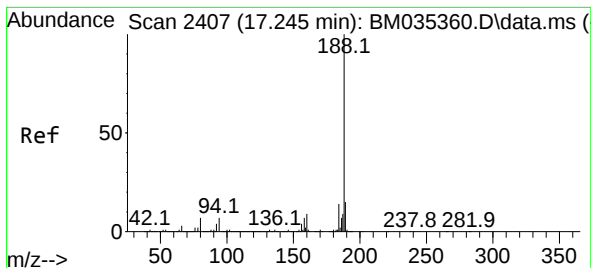
Tgt Ion:330 Resp: 548361  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.0 115.4  
141 22.5 35.3 52.9#



#45  
2-Fluorobiphenyl  
Concen: 51.311 ng  
RT: 13.104 min Scan# 1703  
Delta R.T. -0.006 min  
Lab File: BM035410.D  
Acq: 07 Jun 2022 13:07

Tgt Ion:172 Resp: 1406873  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.5 42.7  
170 22.9 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.227 min Scan# 2404

Delta R.T. -0.000 min

Lab File: BM035410.D

Acq: 07 Jun 2022 13:07

Instrument :

BNA\_M

ClientSampleId :

2513-2514

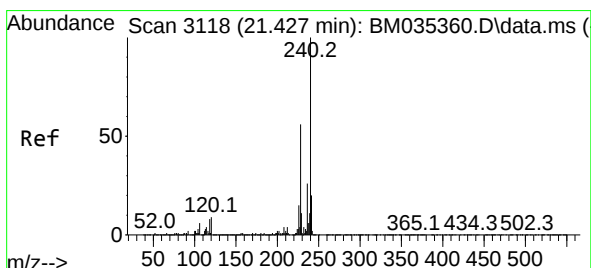
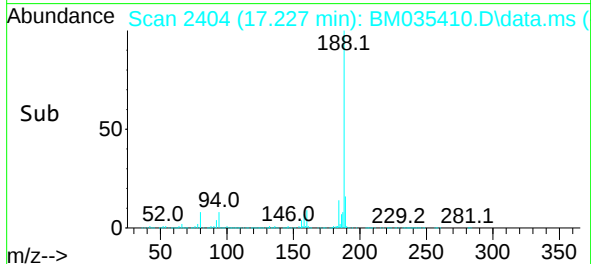
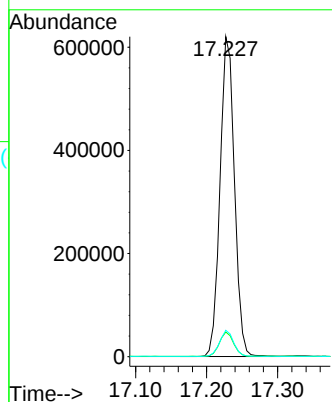
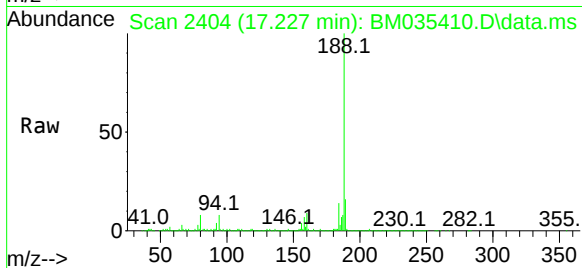
Tgt Ion:188 Resp: 869553

Ion Ratio Lower Upper

188 100

94 7.7 7.0 10.4

80 8.2 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.415 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BM035410.D

Acq: 07 Jun 2022 13:07

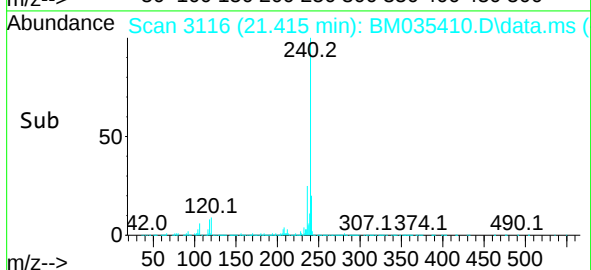
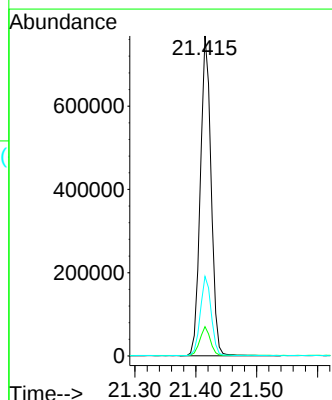
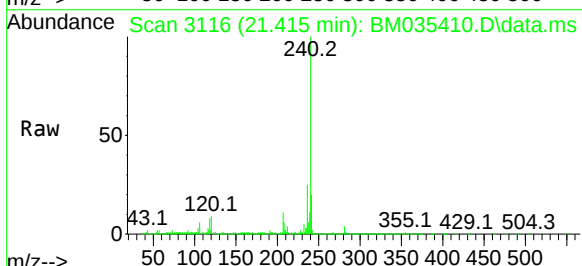
Tgt Ion:240 Resp: 945335

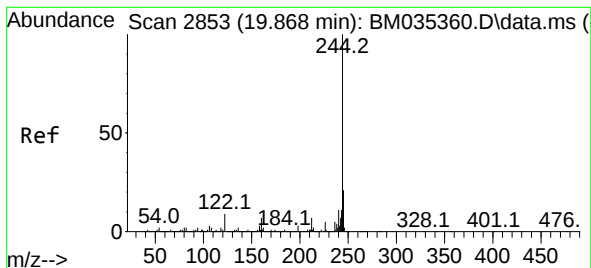
Ion Ratio Lower Upper

240 100

120 9.2 9.4 14.0#

236 24.9 20.6 30.8





#79

Terphenyl-d14

Concen: 43.211 ng

RT: 19.856 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM035410.D

Acq: 07 Jun 2022 13:07

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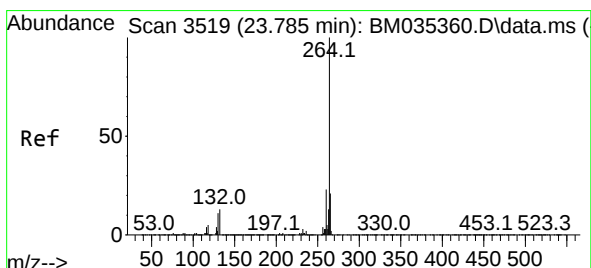
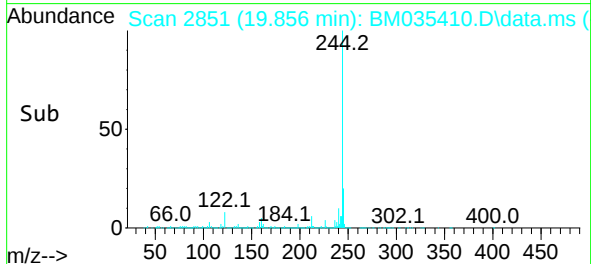
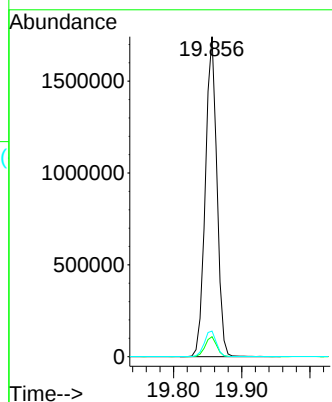
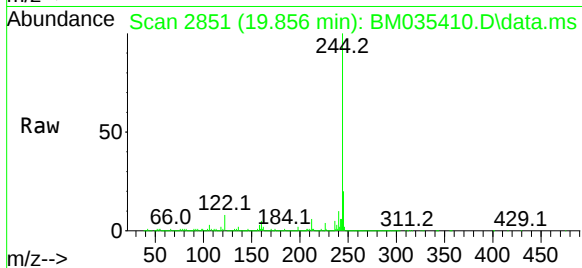
Tgt Ion:244 Resp: 2050390

Ion Ratio Lower Upper

244 100

212 6.2 6.2 9.4

122 8.0 8.3 12.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.774 min Scan# 3517

Delta R.T. -0.000 min

Lab File: BM035410.D

Acq: 07 Jun 2022 13:07

Tgt Ion:264 Resp: 1055116

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 22.5 17.5 26.3

