

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081523\  
 Data File : BM041407.D  
 Acq On : 15 Aug 2023 15:50  
 Operator : MA/JU  
 Sample : 04016-03  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 B-PP12

Quant Time: Aug 16 01:10:53 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM072823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 11 17:51:06 2023  
 Response via : Initial Calibration

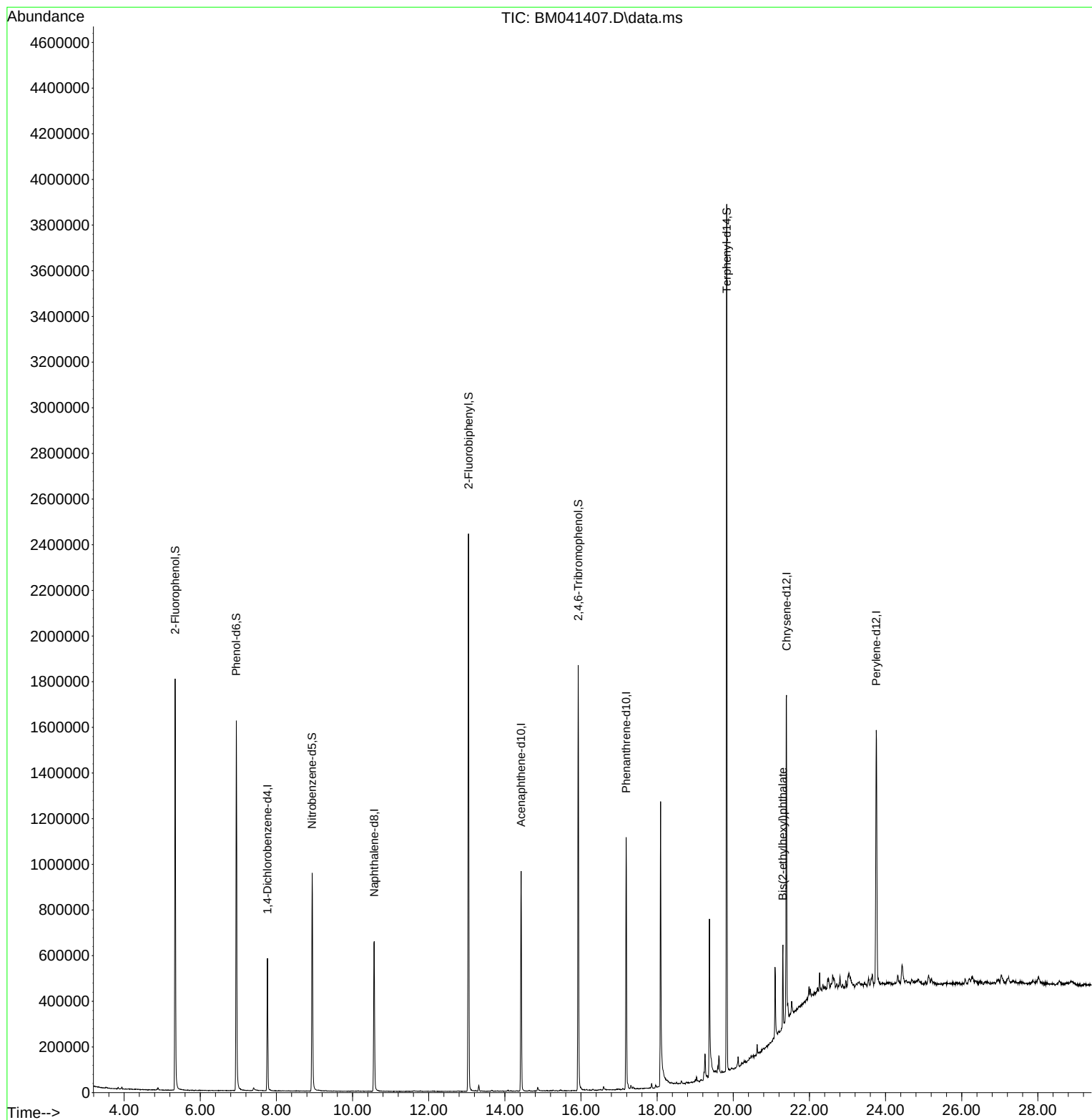
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min)    |
|-------------------------------|--------|------|----------|--------|-------|-------------|
| -----                         |        |      |          |        |       |             |
| Internal Standards            |        |      |          |        |       |             |
| 1) 1,4-Dichlorobenzene-d4     | 7.763  | 152  | 146167   | 20.000 | ng    | -0.01       |
| 21) Naphthalene-d8            | 10.569 | 136  | 547091   | 20.000 | ng    | -0.01       |
| 39) Acenaphthene-d10          | 14.427 | 164  | 317987   | 20.000 | ng    | -0.01       |
| 64) Phenanthrene-d10          | 17.186 | 188  | 645204   | 20.000 | ng    | -0.02       |
| 76) Chrysene-d12              | 21.397 | 240  | 682755   | 20.000 | ng    | -0.02       |
| 86) Perylene-d12              | 23.756 | 264  | 866660   | 20.000 | ng    | -0.02       |
| System Monitoring Compounds   |        |      |          |        |       |             |
| 5) 2-Fluorophenol             | 5.340  | 112  | 710797   | 72.680 | ng    | 0.00        |
| 7) Phenol-d6                  | 6.945  | 99   | 899097   | 70.924 | ng    | -0.01       |
| 23) Nitrobenzene-d5           | 8.939  | 82   | 569296   | 48.392 | ng    | -0.01       |
| 42) 2,4,6-Tribromophenol      | 15.927 | 330  | 331339   | 73.668 | ng    | -0.02       |
| 45) 2-Fluorobiphenyl          | 13.045 | 172  | 1188947  | 47.233 | ng    | -0.01       |
| 79) Terphenyl-d14             | 19.827 | 244  | 1713995  | 45.390 | ng    | -0.02       |
| Target Compounds              |        |      |          |        |       |             |
| 84) Bis(2-ethylhexyl)phtha... | 21.303 | 149  | 128429   | 6.932  | ng    | Qvalue # 98 |
| -----                         |        |      |          |        |       |             |

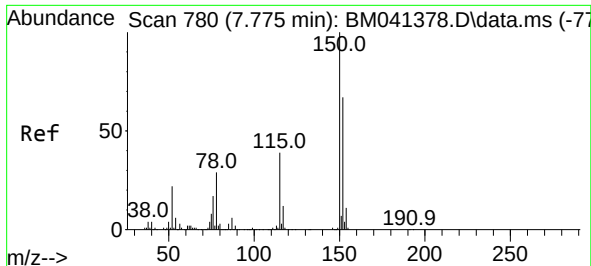
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA\_M  
ClientSampleId :  
B-PP12

Quant Time: Aug 16 01:10:53 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM072823.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Aug 11 17:51:06 2023  
Response via : Initial Calibration

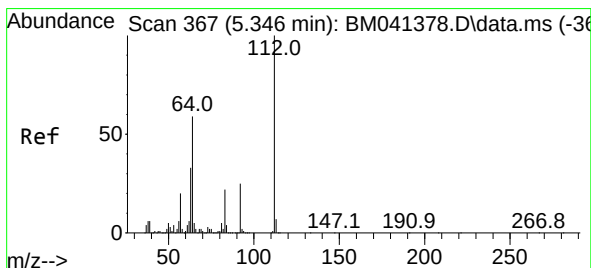
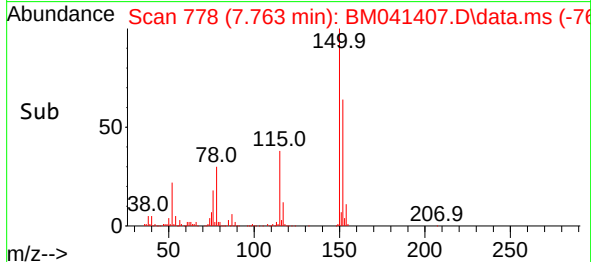
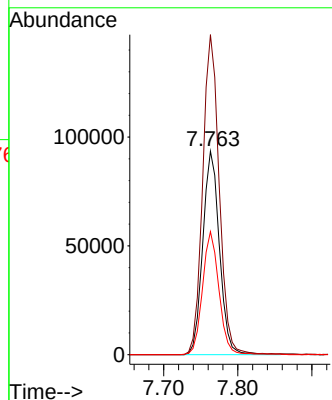
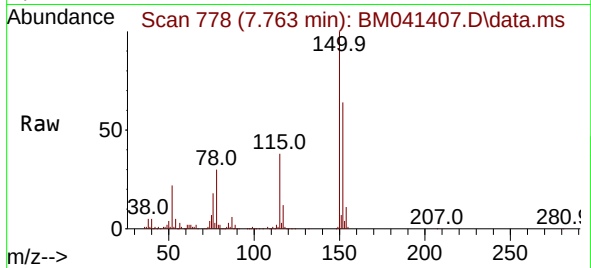




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.763 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BM041407.D  
Acq: 15 Aug 2023 15:50

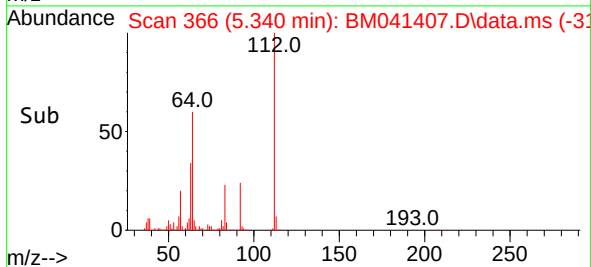
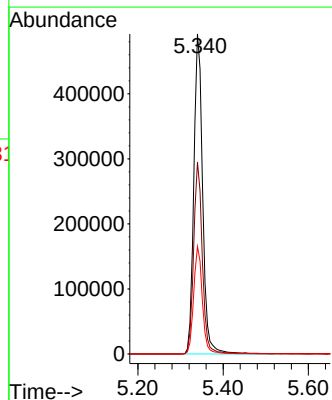
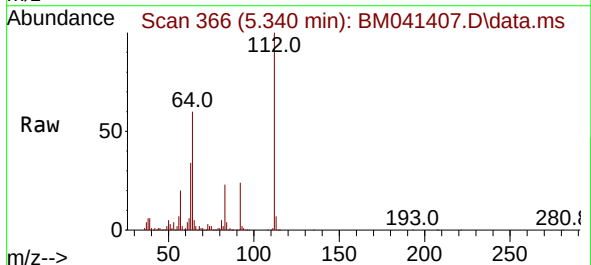
Instrument :  
BNA\_M  
ClientSampleId :  
B-PP12

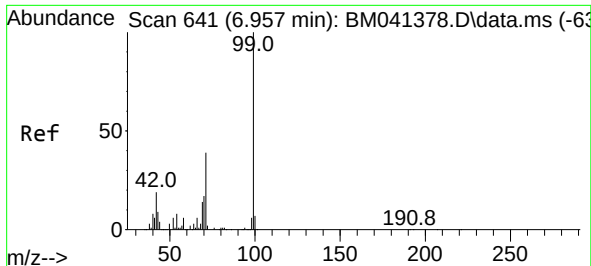
Tgt Ion:152 Resp: 146167  
Ion Ratio Lower Upper  
152 100  
150 157.2 125.5 188.3  
115 60.4 48.0 72.0



#5  
2-Fluorophenol  
Concen: 72.680 ng  
RT: 5.340 min Scan# 366  
Delta R.T. -0.006 min  
Lab File: BM041407.D  
Acq: 15 Aug 2023 15:50

Tgt Ion:112 Resp: 710797  
Ion Ratio Lower Upper  
112 100  
64 60.0 48.5 72.7  
63 33.6 26.5 39.7

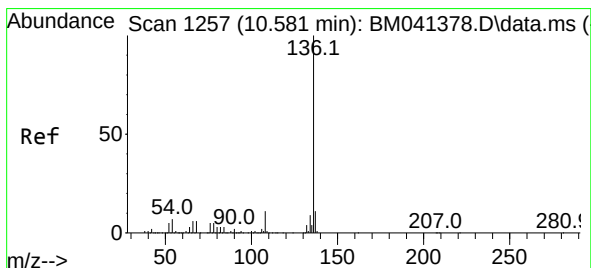
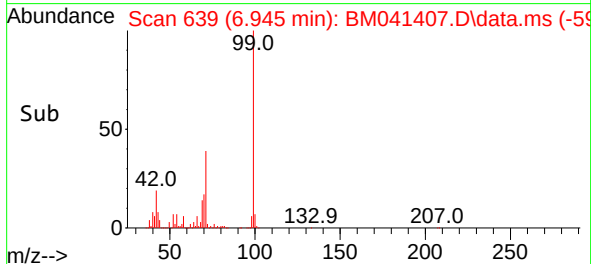
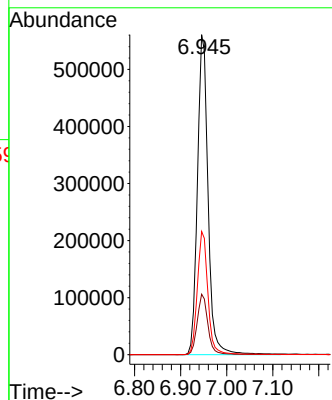
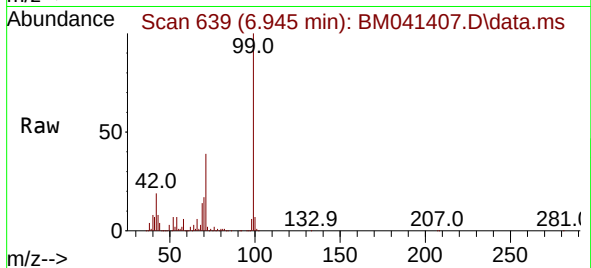




#7  
Phenol-d6  
Concen: 70.924 ng  
RT: 6.945 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: BM041407.D  
Acq: 15 Aug 2023 15:50

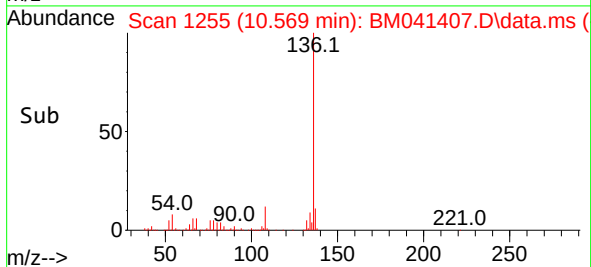
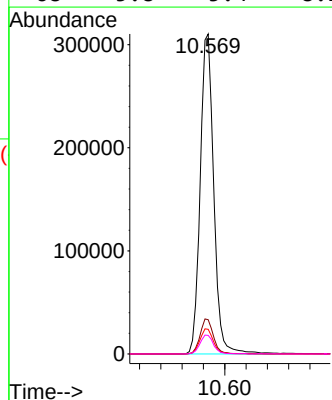
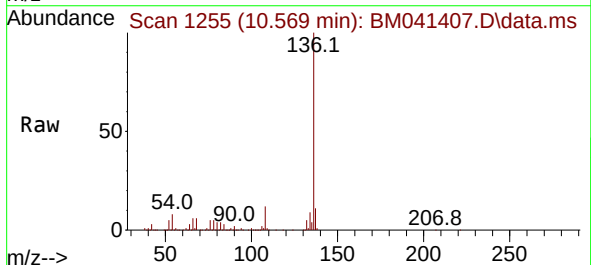
Instrument :  
BNA\_M  
ClientSampleId :  
B-PP12

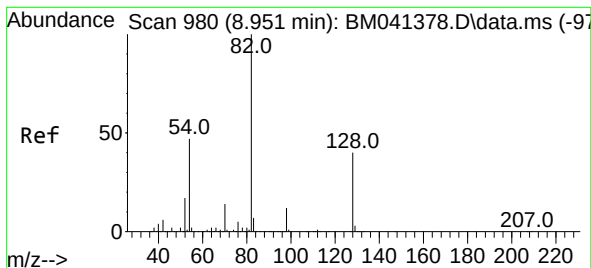
Tgt Ion: 99 Resp: 899097  
Ion Ratio Lower Upper  
99 100  
42 18.9 15.4 23.0  
71 38.5 28.2 42.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.569 min Scan# 1255  
Delta R.T. -0.012 min  
Lab File: BM041407.D  
Acq: 15 Aug 2023 15:50

Tgt Ion: 136 Resp: 547091  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.8 13.2  
54 7.7 6.9 10.3  
68 5.8 5.4 8.2





#23

Nitrobenzene-d5

Concen: 48.392 ng

RT: 8.939 min Scan# 91

Delta R.T. -0.012 min

Lab File: BM041407.D

Acq: 15 Aug 2023 15:50

Instrument :

BNA\_M

ClientSampleId :

B-PP12

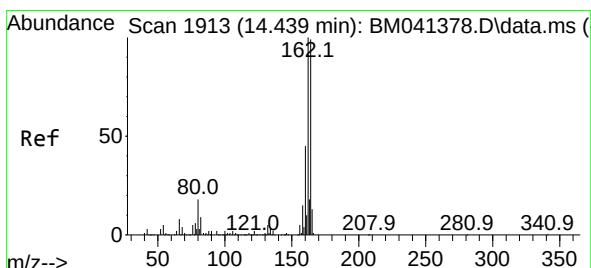
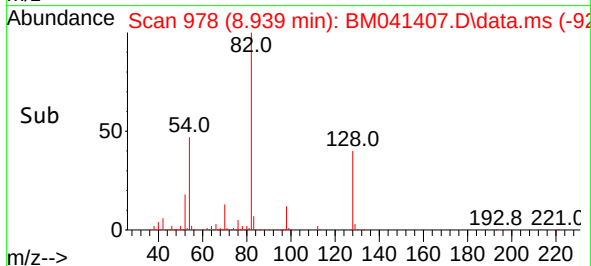
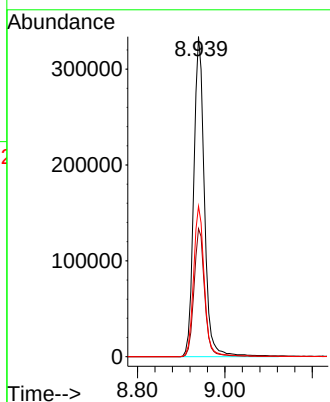
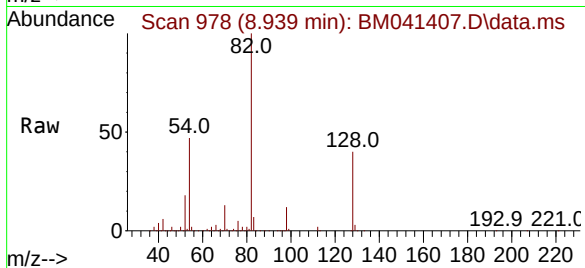
Tgt Ion: 82 Resp: 569296

Ion Ratio Lower Upper

82 100

128 40.0 31.8 47.6

54 47.0 40.1 60.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.427 min Scan# 1911

Delta R.T. -0.012 min

Lab File: BM041407.D

Acq: 15 Aug 2023 15:50

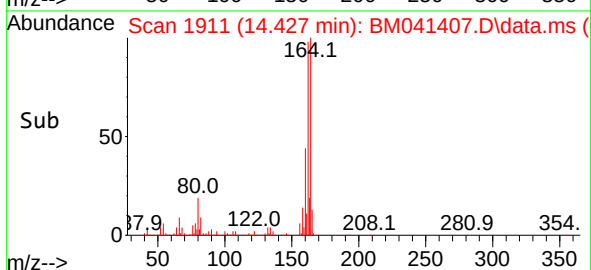
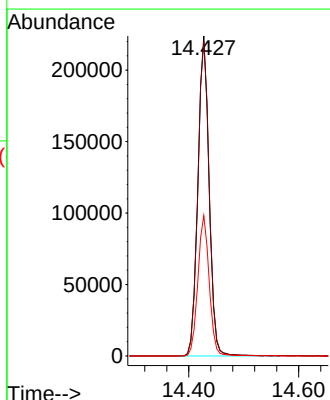
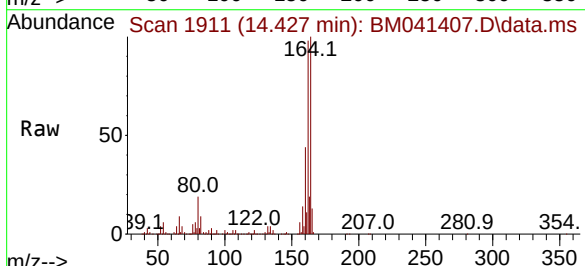
Tgt Ion: 164 Resp: 317987

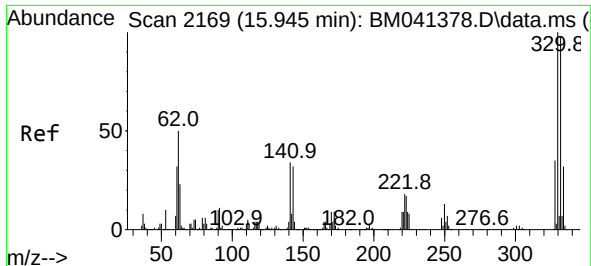
Ion Ratio Lower Upper

164 100

162 98.3 80.4 120.6

160 43.9 36.2 54.2

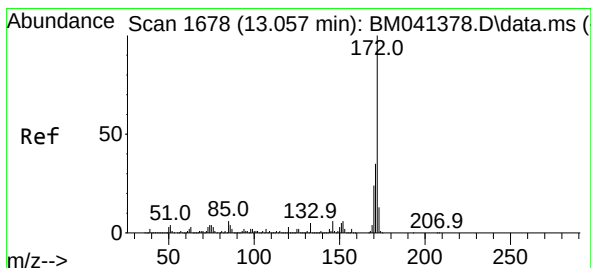
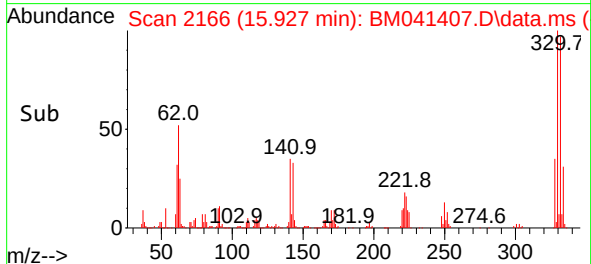
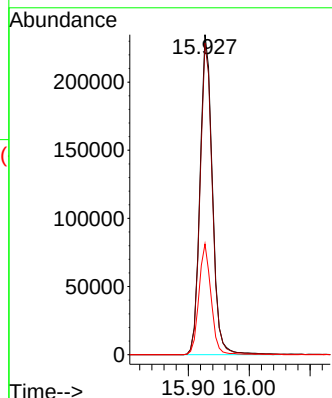
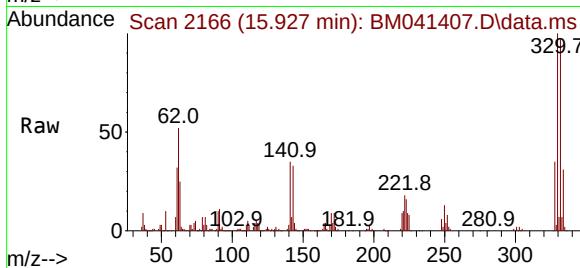




#42  
2,4,6-Tribromophenol  
Concen: 73.668 ng  
RT: 15.927 min Scan# 2169  
Delta R.T. -0.018 min  
Lab File: BM041407.D  
Acq: 15 Aug 2023 15:50

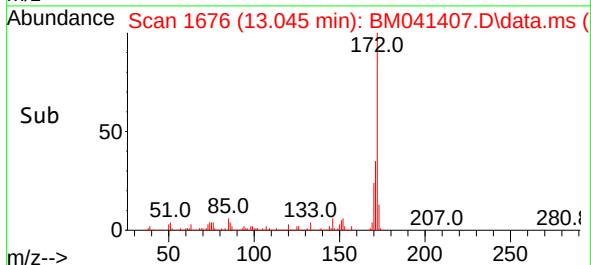
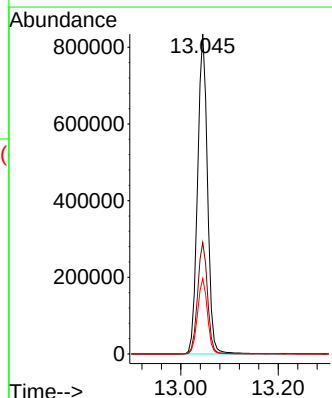
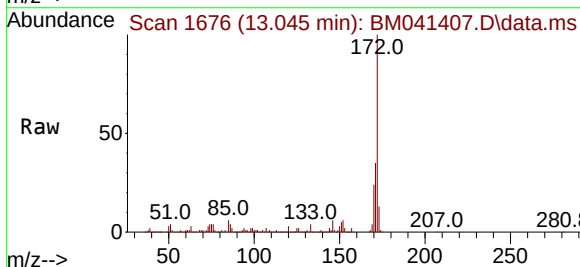
Instrument :  
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B-PP12

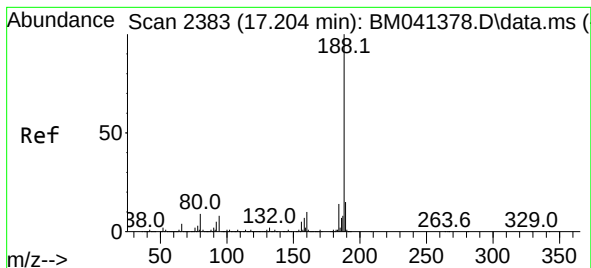
Tgt Ion:330 Resp: 331339  
Ion Ratio Lower Upper  
330 100  
332 96.7 77.7 116.5  
141 33.9 28.3 42.5



#45  
2-Fluorobiphenyl  
Concen: 47.233 ng  
RT: 13.045 min Scan# 1676  
Delta R.T. -0.012 min  
Lab File: BM041407.D  
Acq: 15 Aug 2023 15:50

Tgt Ion:172 Resp: 1188947  
Ion Ratio Lower Upper  
172 100  
171 34.9 28.1 42.1  
170 23.6 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.186 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM041407.D

Acq: 15 Aug 2023 15:50

Instrument :

BNA\_M

ClientSampleId :

B-PP12

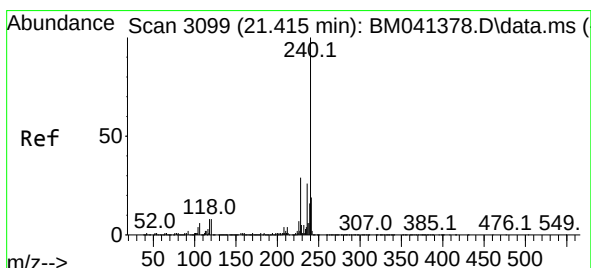
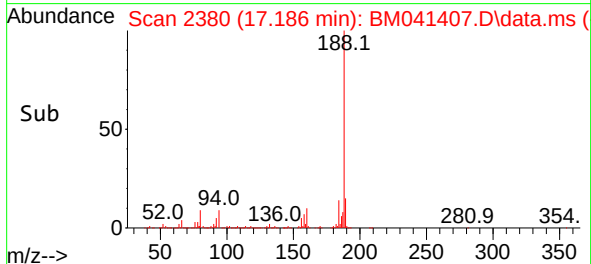
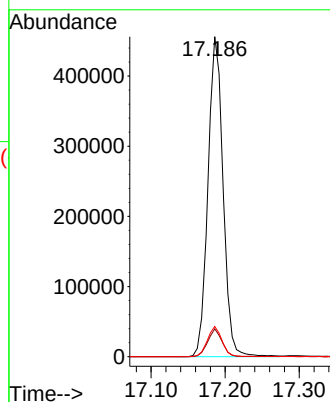
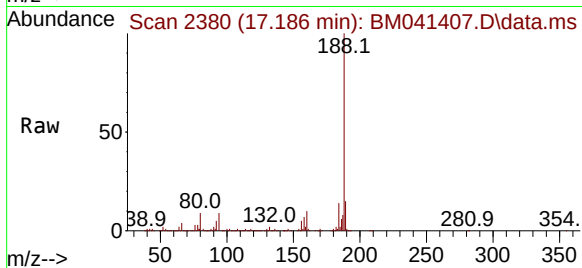
Tgt Ion:188 Resp: 645204

Ion Ratio Lower Upper

188 100

94 8.7 8.2 12.2

80 9.5 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.397 min Scan# 3096

Delta R.T. -0.018 min

Lab File: BM041407.D

Acq: 15 Aug 2023 15:50

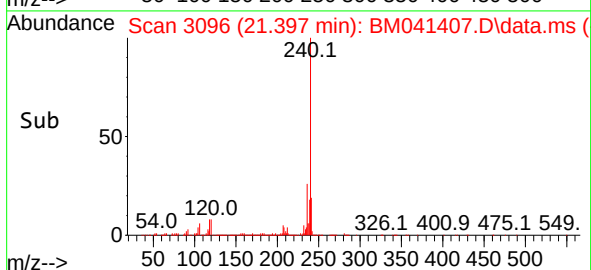
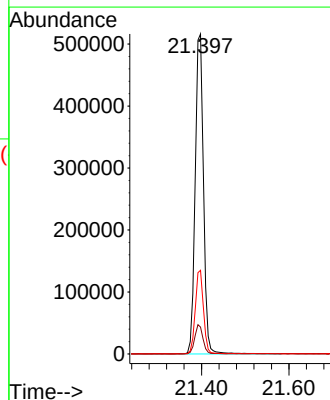
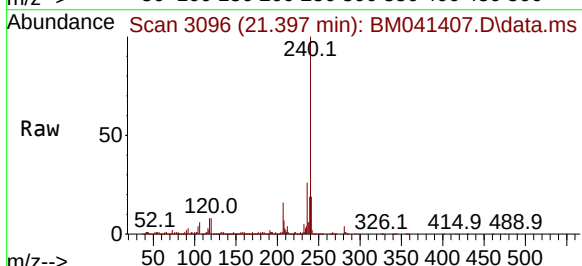
Tgt Ion:240 Resp: 682755

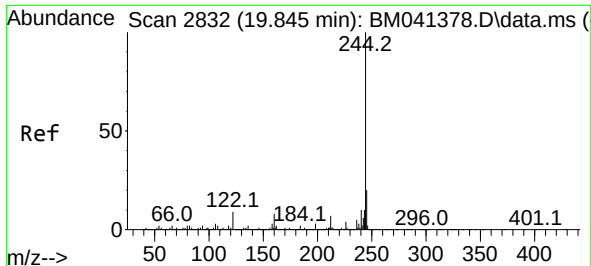
Ion Ratio Lower Upper

240 100

120 8.4 8.3 12.5

236 26.2 20.6 30.8

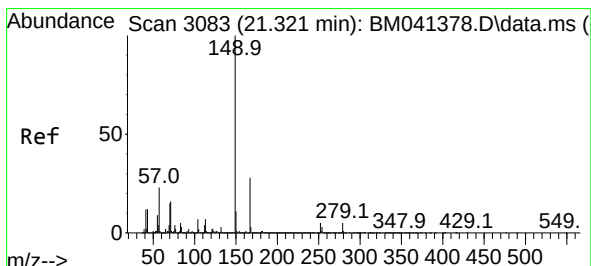
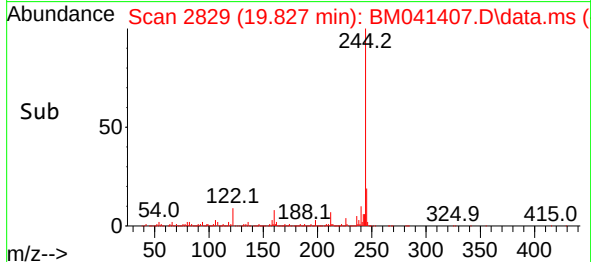
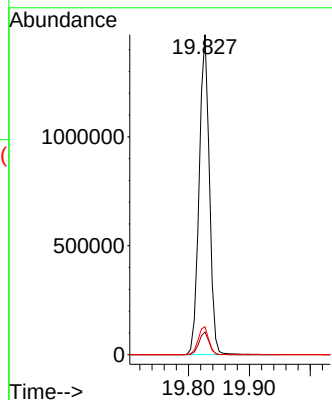
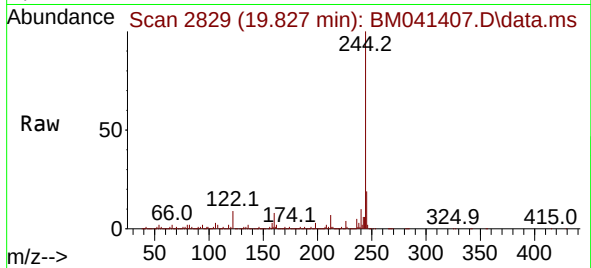




#79  
 Terphenyl-d14  
 Concen: 45.390 ng  
 RT: 19.827 min Scan# 21  
 Delta R.T. -0.018 min  
 Lab File: BM041407.D  
 Acq: 15 Aug 2023 15:50

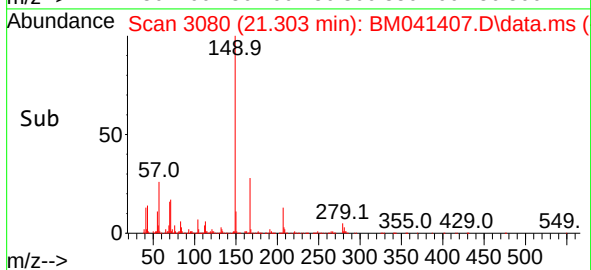
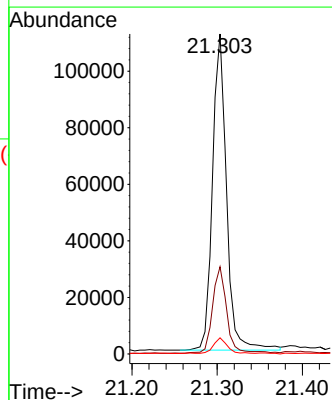
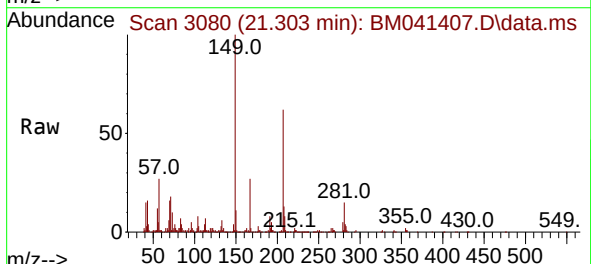
Instrument :  
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Tgt Ion:244 Resp: 1713995  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.4 8.2  
 122 8.7 7.8 11.6

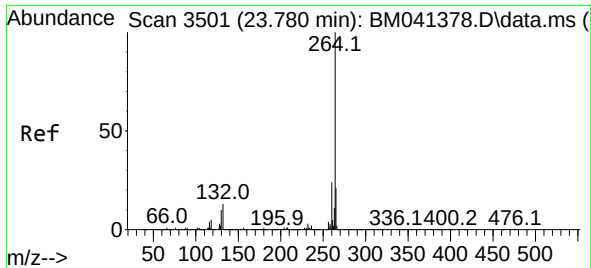


#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 6.932 ng  
 RT: 21.303 min Scan# 3080  
 Delta R.T. -0.018 min  
 Lab File: BM041407.D  
 Acq: 15 Aug 2023 15:50

Tgt Ion:149 Resp: 128429  
 Ion Ratio Lower Upper  
 149 100  
 167 27.3 21.0 31.6  
 279 5.1 3.1 4.7#







#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.756 min Scan# 34  
 Delta R.T. -0.024 min  
 Lab File: BM041407.D  
 Acq: 15 Aug 2023 15:50

Instrument :  
 BNA\_M  
 ClientSampleId :  
 B-PP12

Tgt Ion:264 Resp: 866660  
 Ion Ratio Lower Upper  
 264 100  
 260 23.2 18.5 27.7  
 265 22.2 17.4 26.0

