

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092023\  
 Data File : BM041944.D  
 Acq On : 20 Sep 2023 18:39  
 Operator : MA/JU  
 Sample : 04436-06  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 CPT103-05

Quant Time: Sep 21 03:16:17 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM091823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 19 04:49:34 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.957  | 152  | 291299   | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.775 | 136  | 1214074  | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.610 | 164  | 781802   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.356 | 188  | 1667558  | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12            | 21.527 | 240  | 1375135  | 20.000 | ng    | -0.02    |
| 86) Perylene-d12            | 23.944 | 264  | 1230019  | 20.000 | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.498  | 112  | 1506251  | 86.125 | ng    | 0.00     |
| 7) Phenol-d6                | 7.104  | 99   | 2070659  | 85.272 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.151  | 82   | 1259638  | 52.826 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.098 | 330  | 794082   | 81.406 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.227 | 172  | 2669218  | 50.112 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.968 | 244  | 3688443  | 48.851 | ng    | 0.00     |

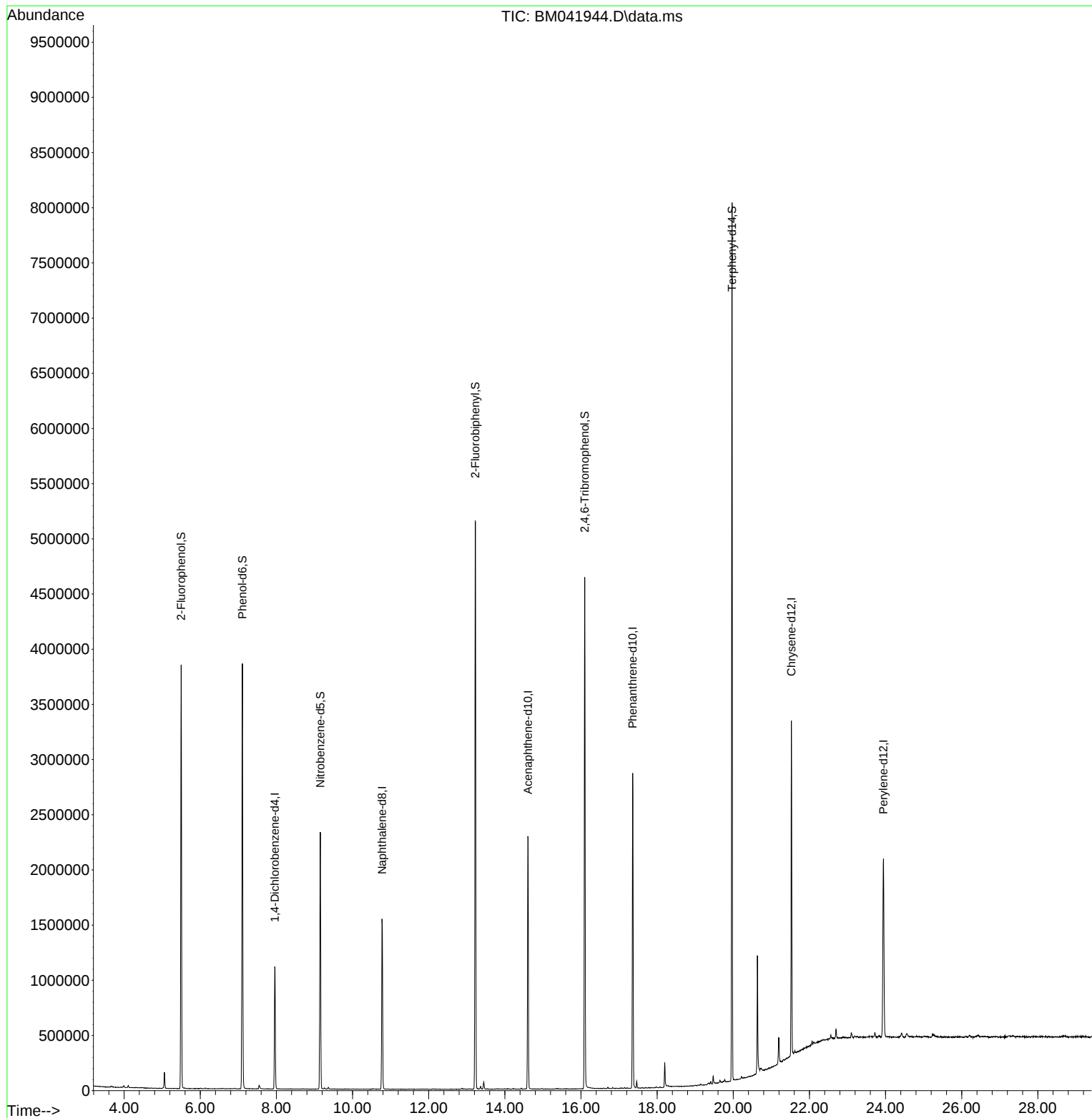
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

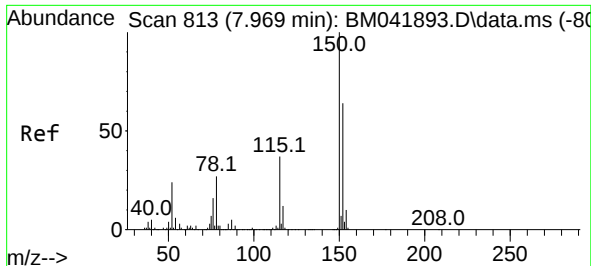
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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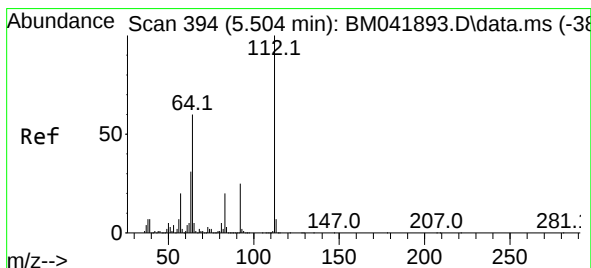
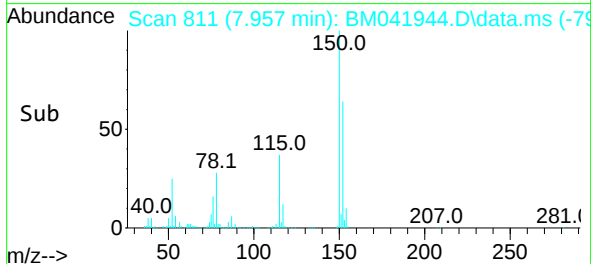
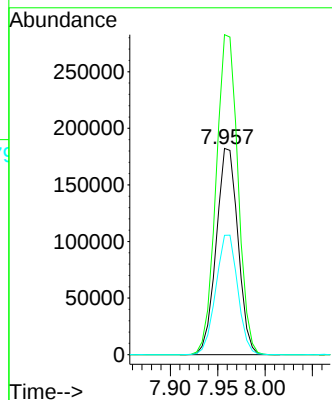
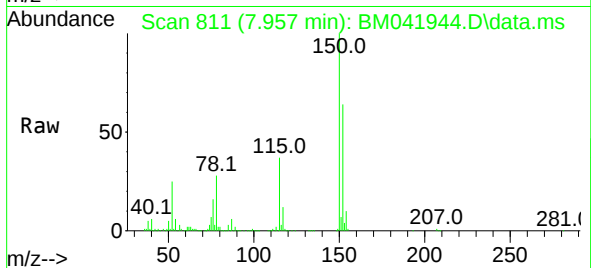




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.957 min Scan# 813  
Delta R.T. -0.012 min  
Lab File: BM041944.D  
Acq: 20 Sep 2023 18:39

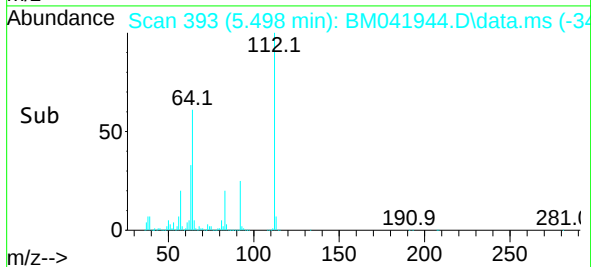
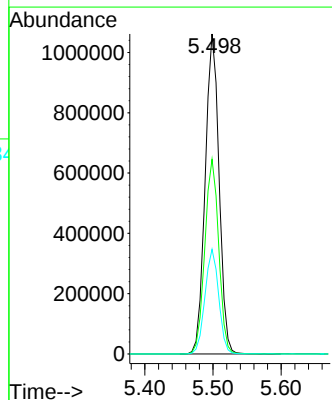
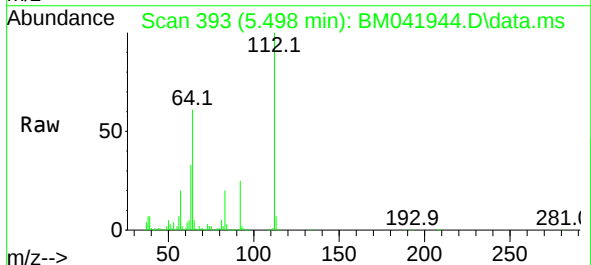
Instrument :  
BNA\_M  
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CPT103-05

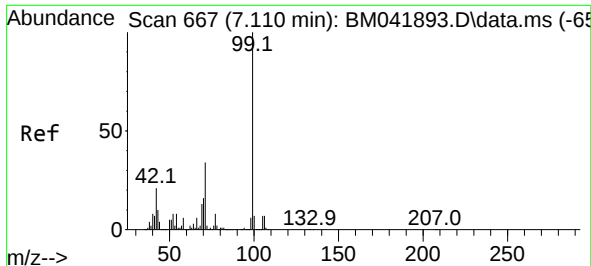
Tgt Ion:152 Resp: 291299  
Ion Ratio Lower Upper  
152 100  
150 155.2 125.9 188.9  
115 57.9 46.8 70.2



#5  
2-Fluorophenol  
Concen: 86.125 ng  
RT: 5.498 min Scan# 393  
Delta R.T. -0.006 min  
Lab File: BM041944.D  
Acq: 20 Sep 2023 18:39

Tgt Ion:112 Resp: 1506251  
Ion Ratio Lower Upper  
112 100  
64 60.8 48.1 72.1  
63 32.7 25.0 37.6

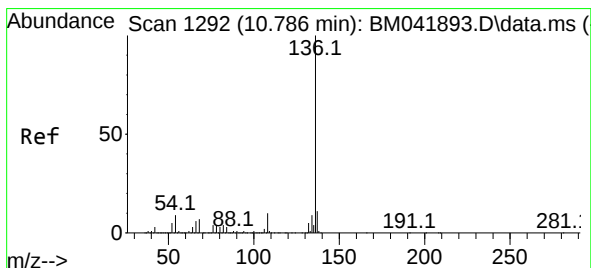
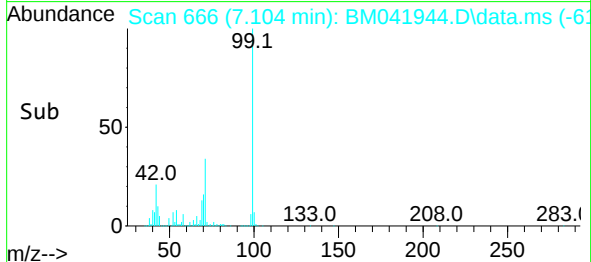
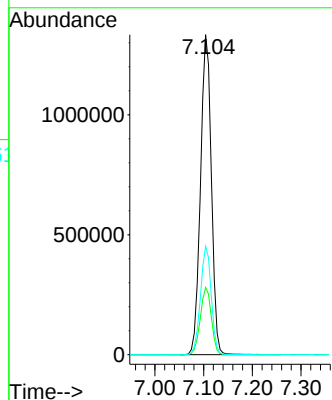
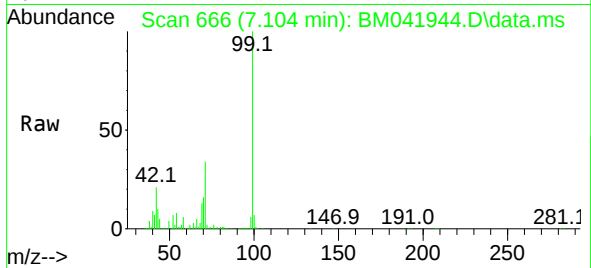




#7  
Phenol-d6  
Concen: 85.272 ng  
RT: 7.104 min Scan# 60  
Delta R.T. -0.006 min  
Lab File: BM041944.D  
Acq: 20 Sep 2023 18:39

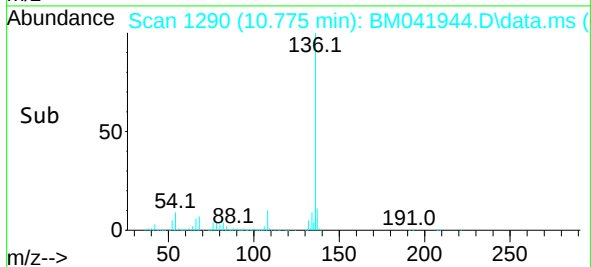
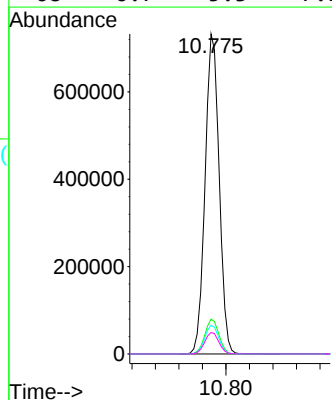
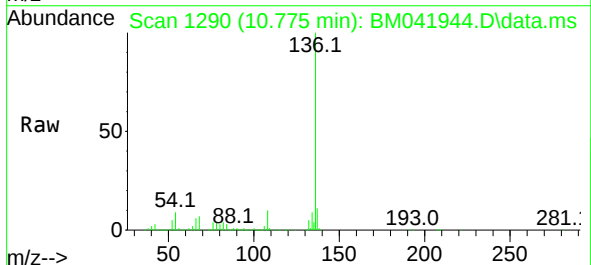
Instrument :  
BNA\_M  
ClientSampleId :  
CPT103-05

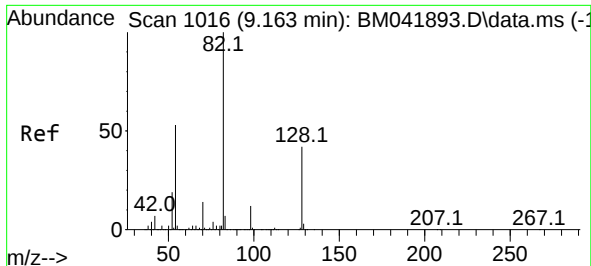
Tgt Ion: 99 Resp: 2070659  
Ion Ratio Lower Upper  
99 100  
42 21.0 16.6 25.0  
71 33.9 26.8 40.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.775 min Scan# 1290  
Delta R.T. -0.012 min  
Lab File: BM041944.D  
Acq: 20 Sep 2023 18:39

Tgt Ion: 136 Resp: 1214074  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 13.0  
54 9.0 7.0 10.4  
68 6.7 5.3 7.9

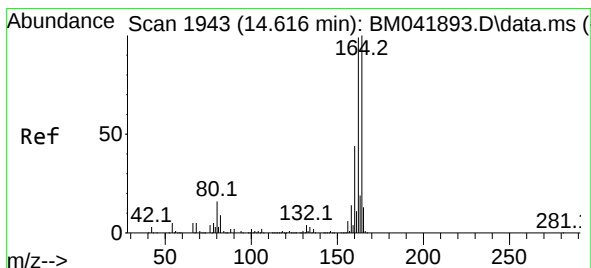
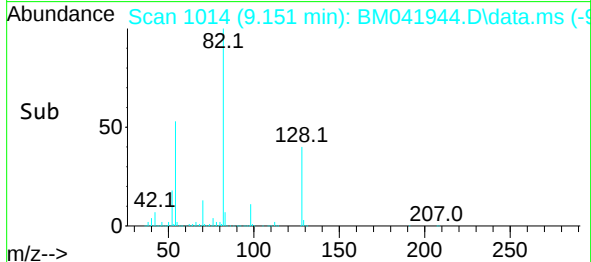
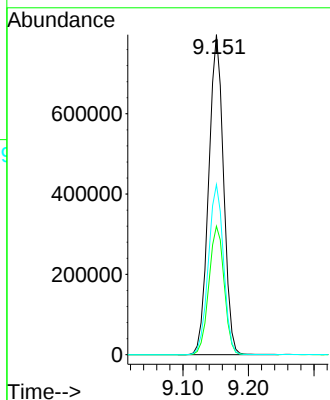
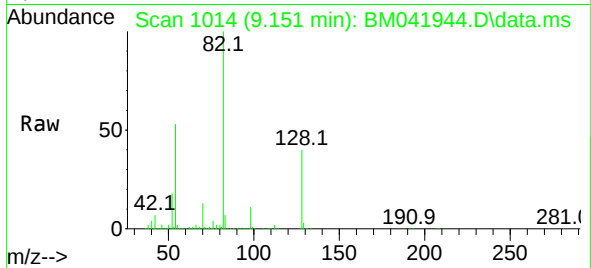




#23  
Nitrobenzene-d5  
Concen: 52.826 ng  
RT: 9.151 min Scan# 1014  
Delta R.T. -0.012 min  
Lab File: BM041944.D  
Acq: 20 Sep 2023 18:39

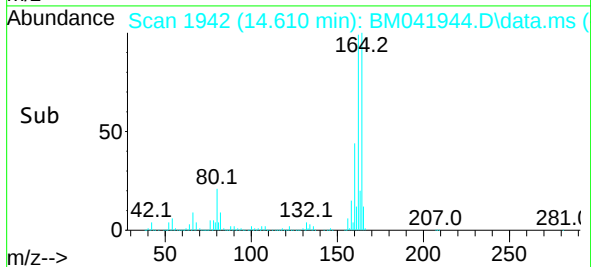
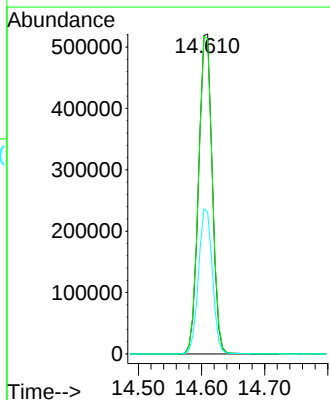
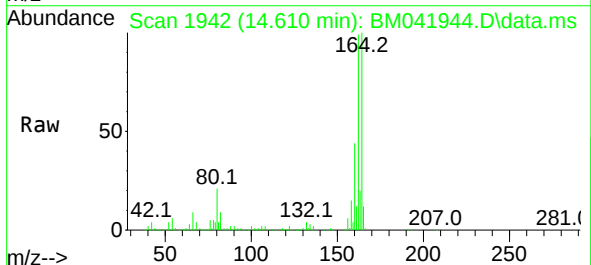
Instrument :  
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ClientSampleId :  
CPT103-05

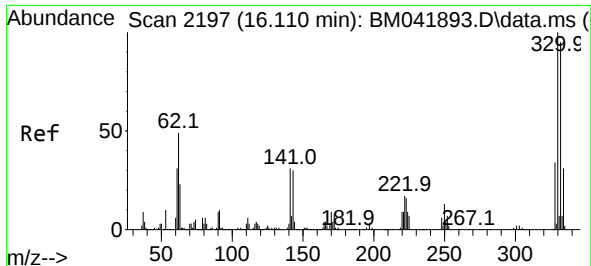
Tgt Ion: 82 Resp: 1259638  
Ion Ratio Lower Upper  
82 100  
128 40.2 33.8 50.6  
54 53.1 42.8 64.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.610 min Scan# 1942  
Delta R.T. -0.006 min  
Lab File: BM041944.D  
Acq: 20 Sep 2023 18:39

Tgt Ion: 164 Resp: 781802  
Ion Ratio Lower Upper  
164 100  
162 98.5 79.3 118.9  
160 44.4 35.6 53.4

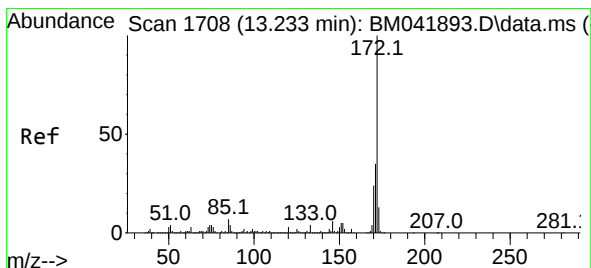
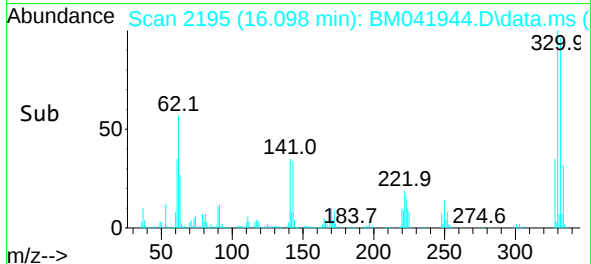
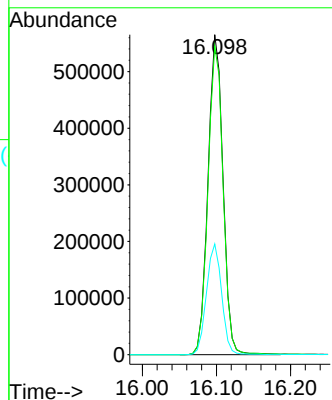
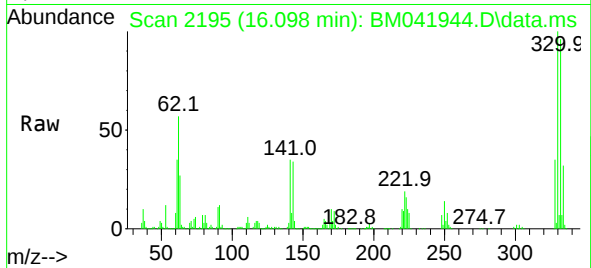




#42  
2,4,6-Tribromophenol  
Concen: 81.406 ng  
RT: 16.098 min Scan# 2197  
Delta R.T. -0.012 min  
Lab File: BM041944.D  
Acq: 20 Sep 2023 18:39

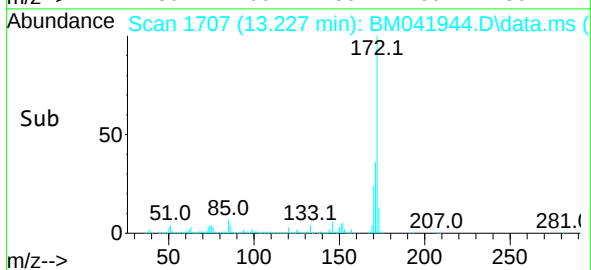
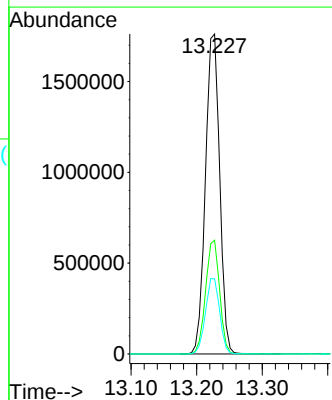
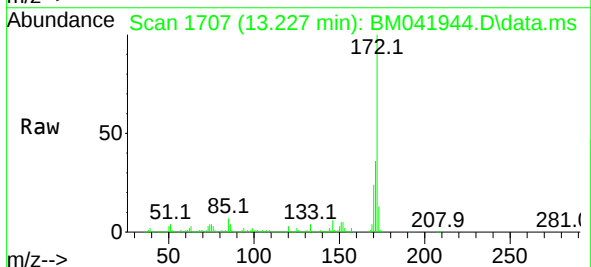
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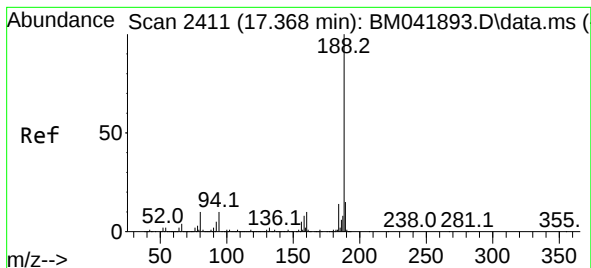
Tgt Ion:330 Resp: 794082  
Ion Ratio Lower Upper  
330 100  
332 97.1 77.8 116.6  
141 35.1 27.0 40.4



#45  
2-Fluorobiphenyl  
Concen: 50.112 ng  
RT: 13.227 min Scan# 1707  
Delta R.T. -0.006 min  
Lab File: BM041944.D  
Acq: 20 Sep 2023 18:39

Tgt Ion:172 Resp: 2669218  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.2 42.4  
170 23.5 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.356 min Scan# 2411

Delta R.T. -0.012 min

Lab File: BM041944.D

Acq: 20 Sep 2023 18:39

Instrument :

BNA\_M

ClientSampleId :

CPT103-05

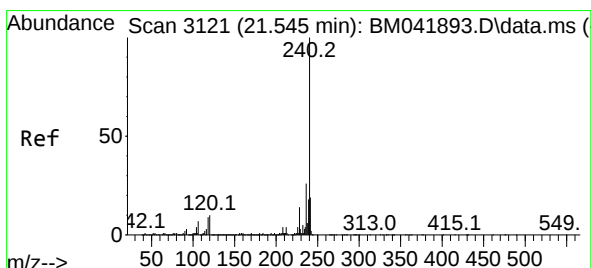
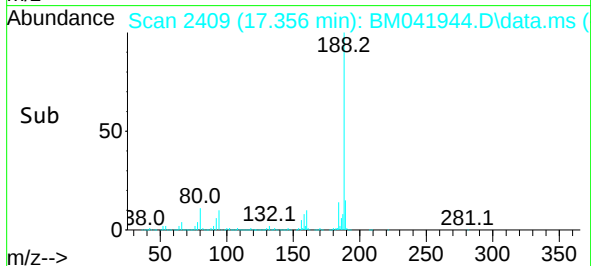
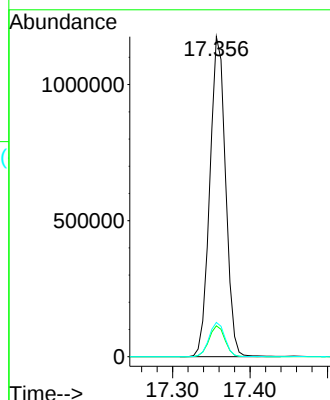
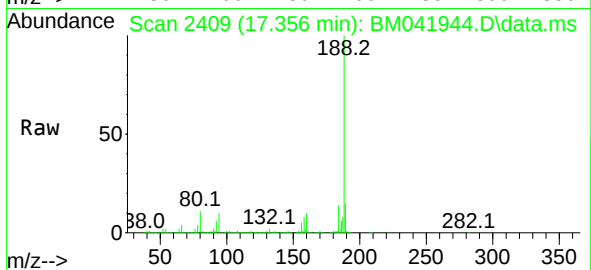
Tgt Ion:188 Resp: 1667558

Ion Ratio Lower Upper

188 100

94 9.7 7.6 11.4

80 10.7 8.3 12.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.527 min Scan# 3118

Delta R.T. -0.018 min

Lab File: BM041944.D

Acq: 20 Sep 2023 18:39

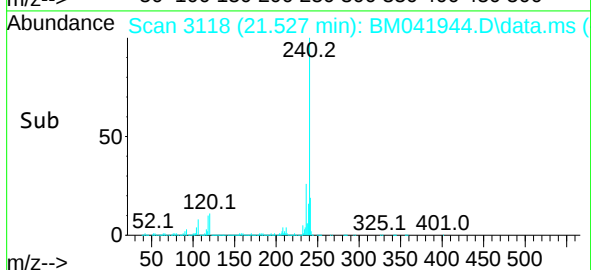
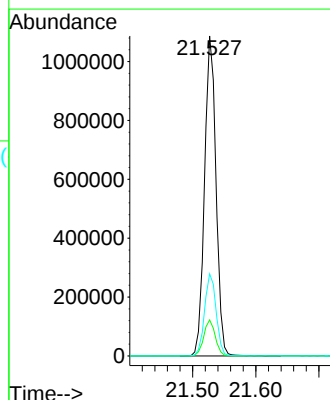
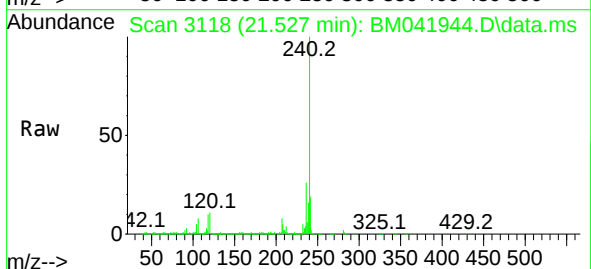
Tgt Ion:240 Resp: 1375135

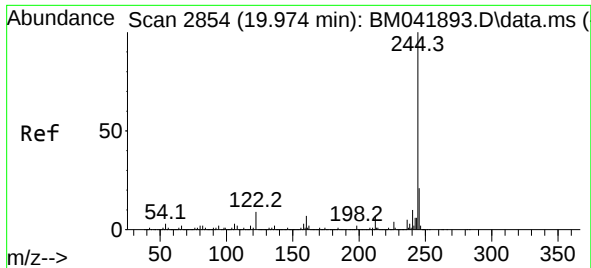
Ion Ratio Lower Upper

240 100

120 11.3 8.1 12.1

236 25.7 20.7 31.1

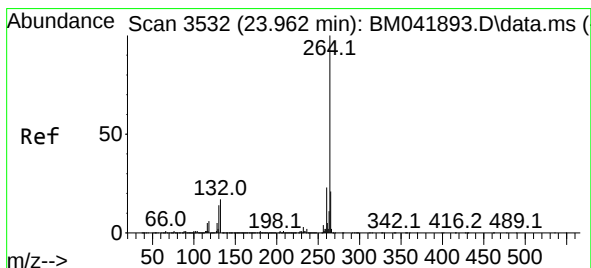
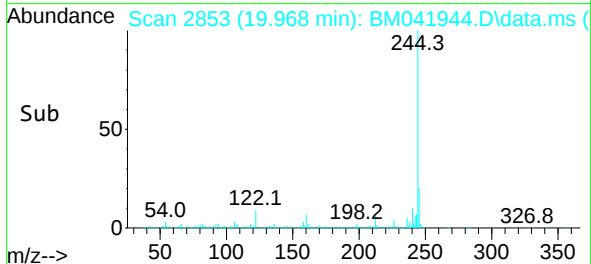
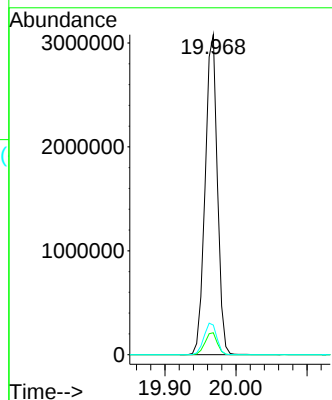
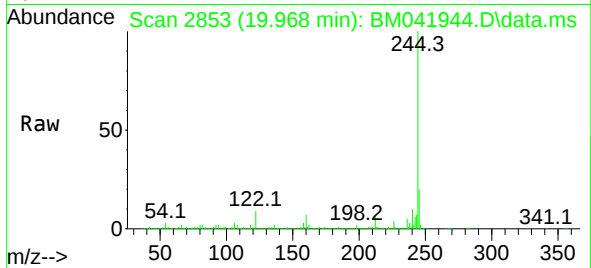




#79  
Terphenyl-d14  
Concen: 48.851 ng  
RT: 19.968 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM041944.D  
Acq: 20 Sep 2023 18:39

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Tgt Ion:244 Resp: 3688443  
Ion Ratio Lower Upper  
244 100  
212 6.8 5.7 8.5  
122 9.3 7.4 11.0



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.944 min Scan# 3529  
Delta R.T. -0.018 min  
Lab File: BM041944.D  
Acq: 20 Sep 2023 18:39

Tgt Ion:264 Resp: 1230019  
Ion Ratio Lower Upper  
264 100  
260 23.8 18.6 28.0  
265 21.9 17.0 25.6

