

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM052422\  
 Data File : BM035225.D  
 Acq On : 24 May 2022 18:44  
 Operator : CG/JU  
 Sample : N2981-17  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-7(0.5-1)

Quant Time: May 25 05:44:14 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 20 04:53:59 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.898  | 152  | 123415   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.698 | 136  | 471627   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.539 | 164  | 292005   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.280 | 188  | 630199   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.462 | 240  | 661693   | 20.000 | ng    | #-0.01   |
| 86) Perylene-d12            | 23.850 | 264  | 728320   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.481  | 112  | 601125   | 85.931 | ng    | 0.00     |
| 7) Phenol-d6                | 7.069  | 99   | 733697   | 81.245 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.057  | 82   | 490220   | 56.131 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.027 | 330  | 310410   | 97.723 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.163 | 172  | 1202709  | 59.792 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.903 | 244  | 1972628  | 57.722 | ng    | -0.01    |

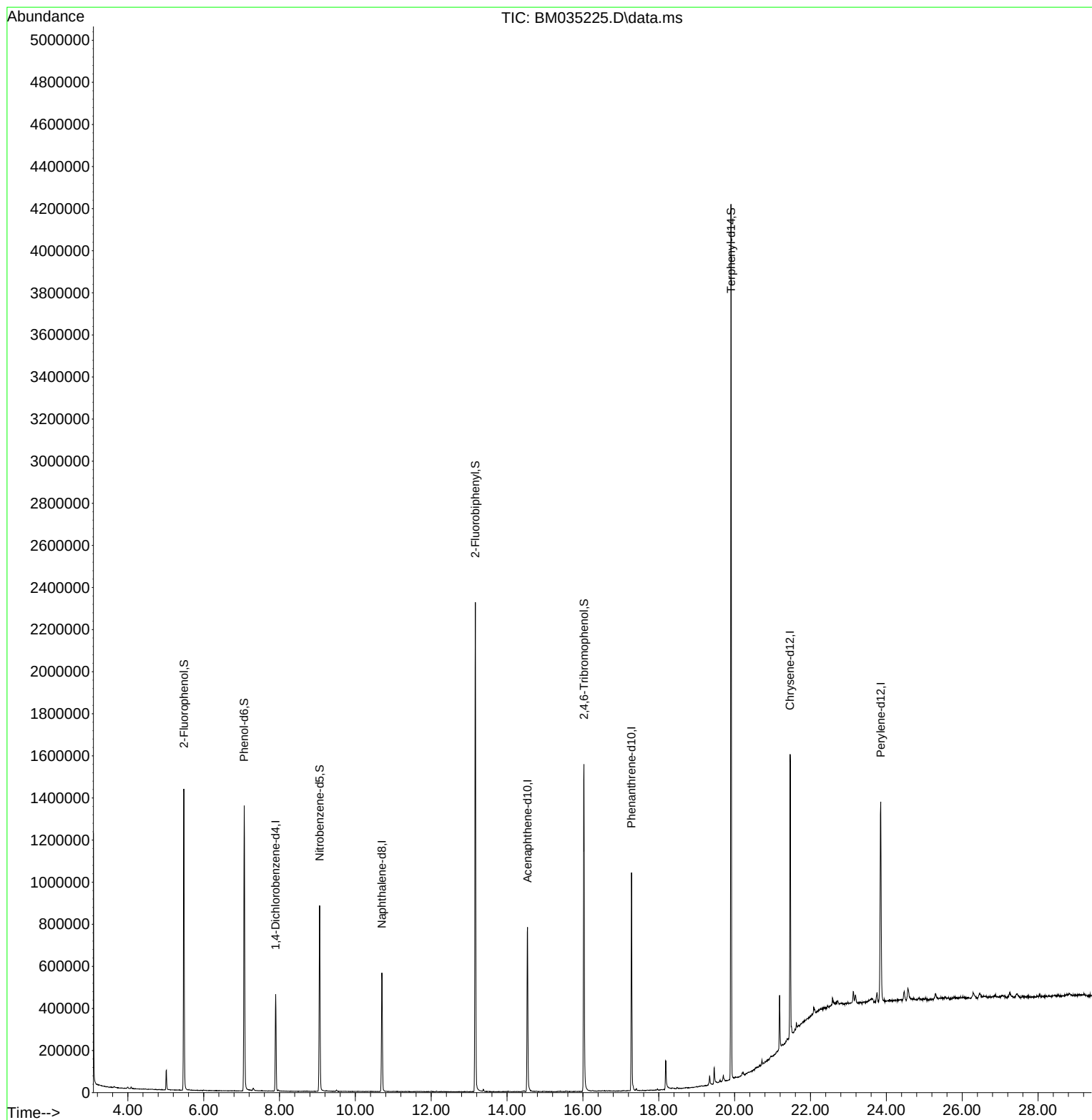
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

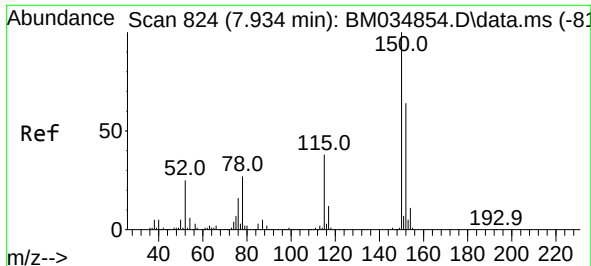
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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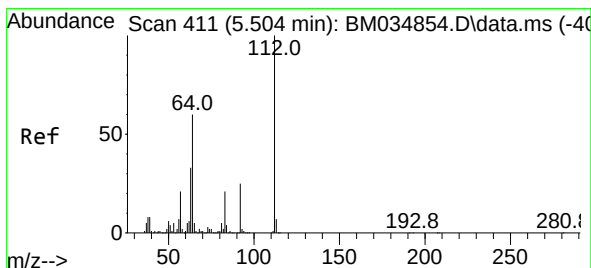
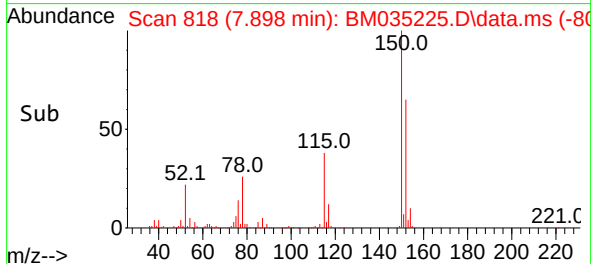
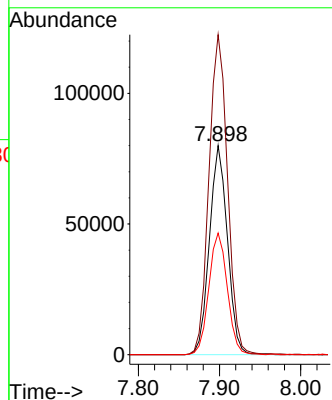
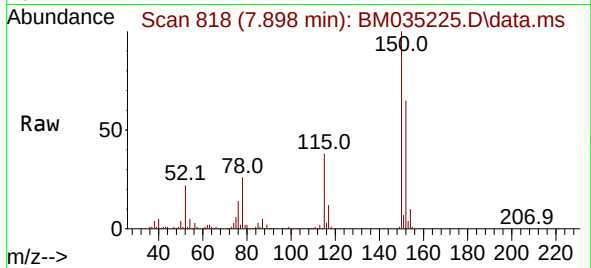




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.898 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BM035225.D  
Acq: 24 May 2022 18:44

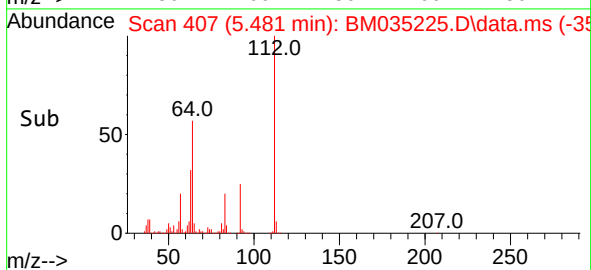
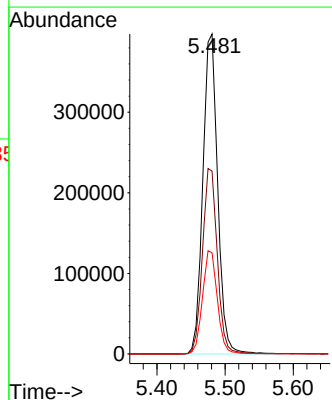
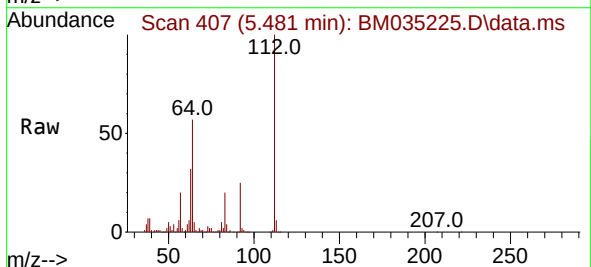
Instrument :  
BNA\_M  
ClientSampleId :  
SB-7(0.5-1)

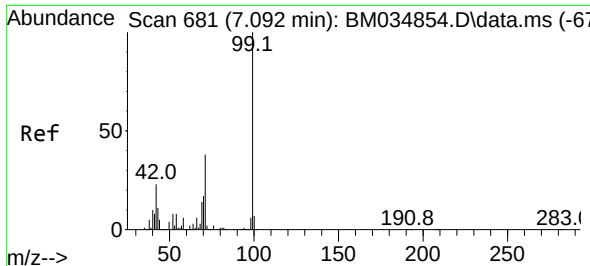
Tgt Ion:152 Resp: 123415  
Ion Ratio Lower Upper  
152 100  
150 153.0 124.9 187.3  
115 58.2 47.9 71.9



#5  
2-Fluorophenol  
Concen: 85.931 ng  
RT: 5.481 min Scan# 407  
Delta R.T. -0.000 min  
Lab File: BM035225.D  
Acq: 24 May 2022 18:44

Tgt Ion:112 Resp: 601125  
Ion Ratio Lower Upper  
112 100  
64 57.2 47.8 71.6  
63 31.7 26.6 40.0

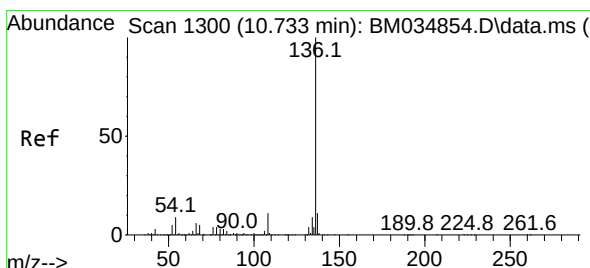
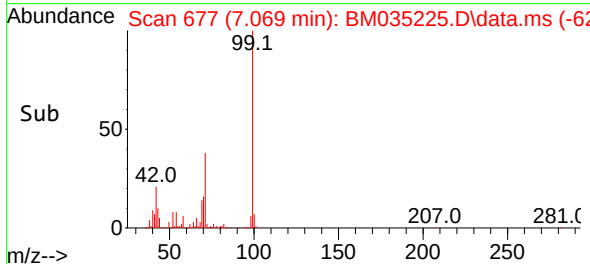
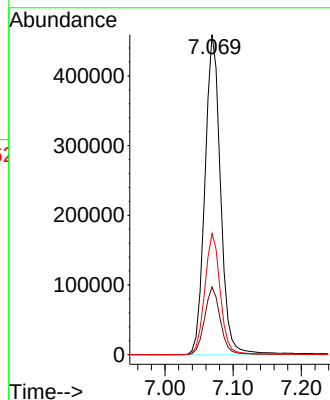
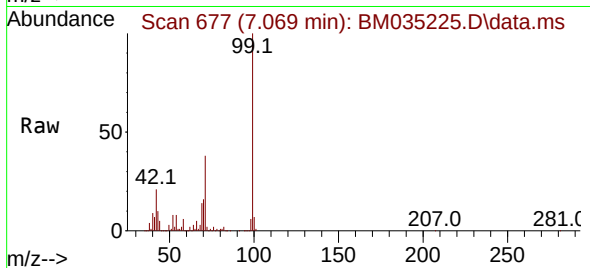




#7  
Phenol-d6  
Concen: 81.245 ng  
RT: 7.069 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM035225.D  
Acq: 24 May 2022 18:44

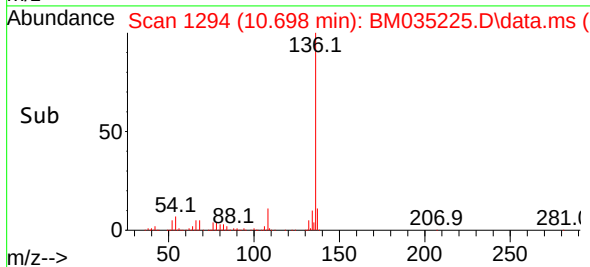
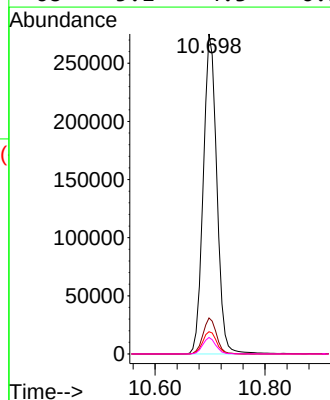
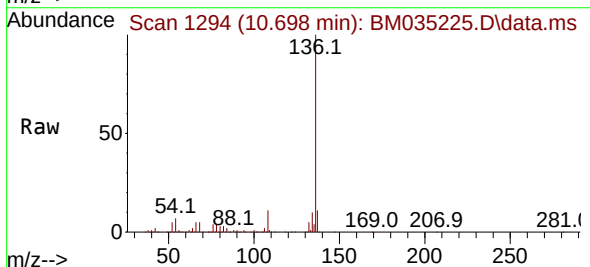
Instrument :  
BNA\_M  
ClientSampleId :  
SB-7(0.5-1)

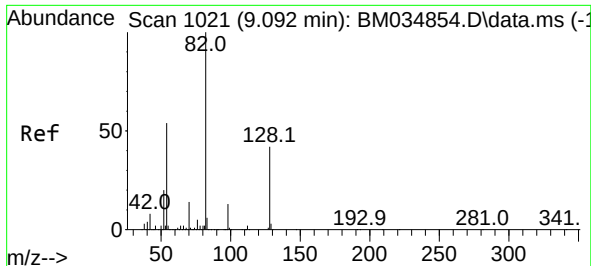
Tgt Ion: 99 Resp: 733697  
Ion Ratio Lower Upper  
99 100  
42 21.2 18.8 28.2  
71 37.8 30.2 45.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.698 min Scan# 1294  
Delta R.T. -0.012 min  
Lab File: BM035225.D  
Acq: 24 May 2022 18:44

Tgt Ion: 136 Resp: 471627  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.9 13.3  
54 7.0 7.0 10.4  
68 5.1 4.3 6.5

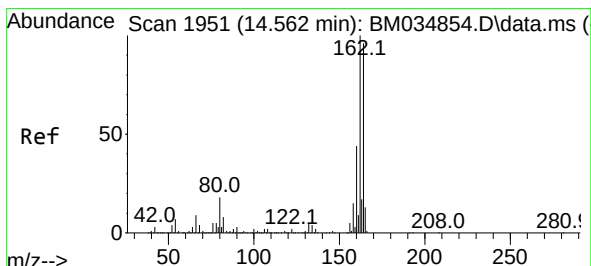
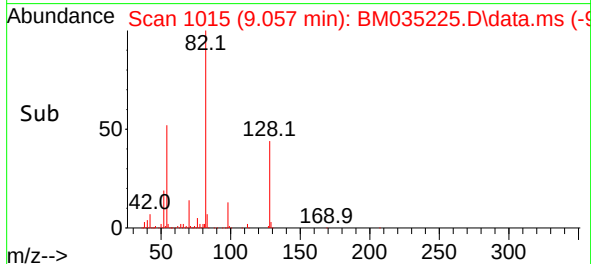
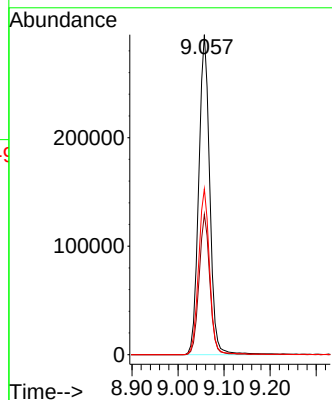
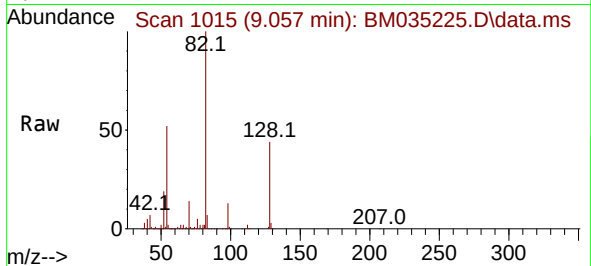




#23  
Nitrobenzene-d5  
Concen: 56.131 ng  
RT: 9.057 min Scan# 1015  
Delta R.T. -0.006 min  
Lab File: BM035225.D  
Acq: 24 May 2022 18:44

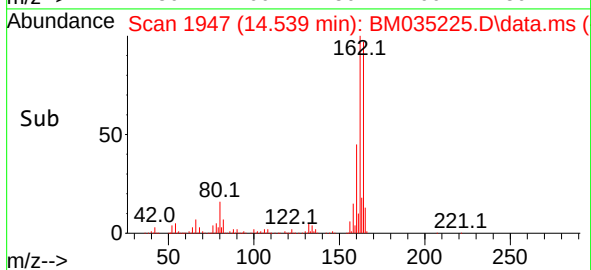
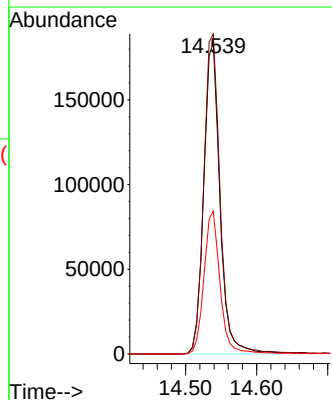
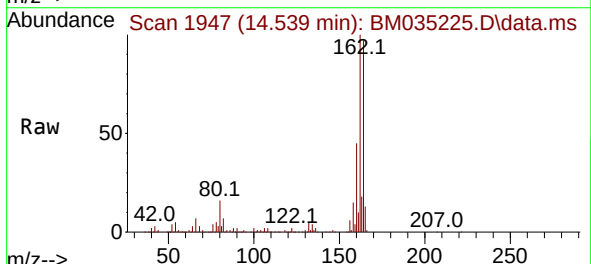
Instrument :  
BNA\_M  
ClientSampleId :  
SB-7(0.5-1)

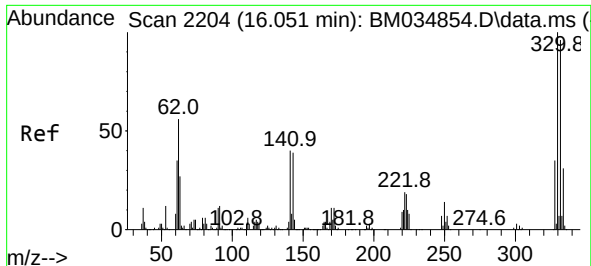
Tgt Ion: 82 Resp: 490220  
Ion Ratio Lower Upper  
82 100  
128 43.8 33.7 50.5  
54 51.8 43.2 64.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.539 min Scan# 1947  
Delta R.T. -0.006 min  
Lab File: BM035225.D  
Acq: 24 May 2022 18:44

Tgt Ion: 164 Resp: 292005  
Ion Ratio Lower Upper  
164 100  
162 102.9 83.0 124.6  
160 45.9 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 97.723 ng

RT: 16.027 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM035225.D

Acq: 24 May 2022 18:44

Instrument :

BNA\_M

ClientSampleId :

SB-7(0.5-1)

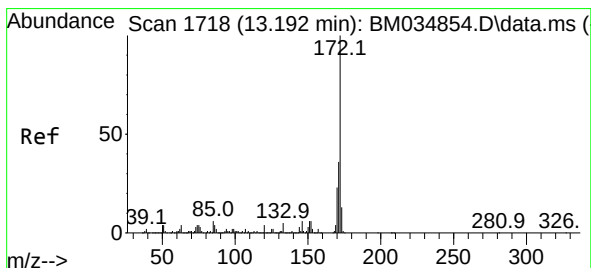
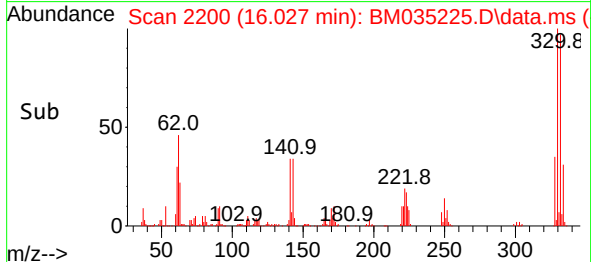
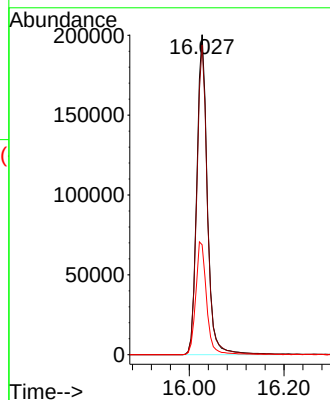
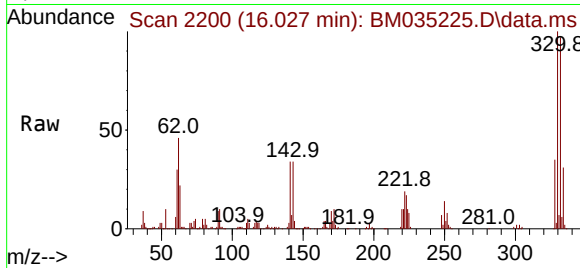
Tgt Ion:330 Resp: 310410

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.4

141 36.2 35.3 52.9



#45

2-Fluorobiphenyl

Concen: 59.792 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BM035225.D

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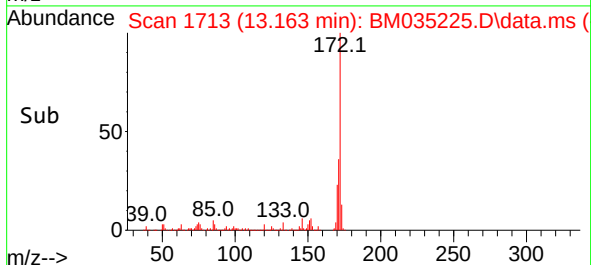
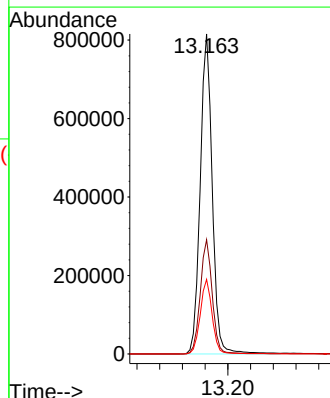
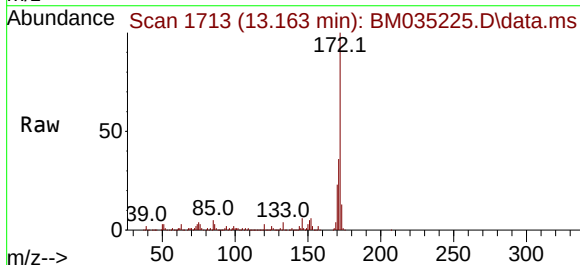
Tgt Ion:172 Resp: 1202709

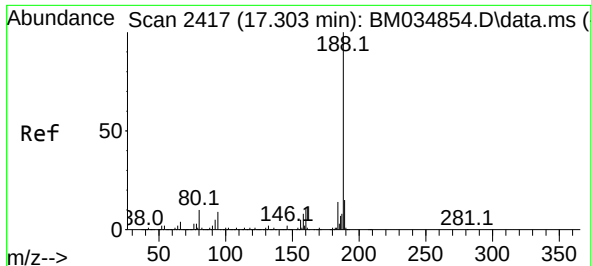
Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

170 23.3 18.7 28.1

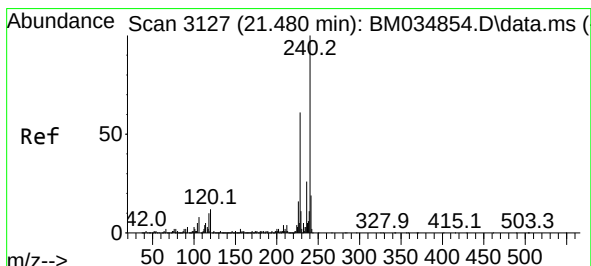
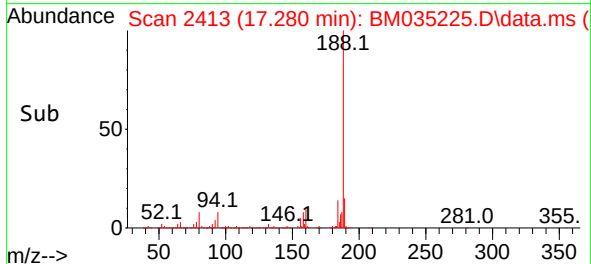
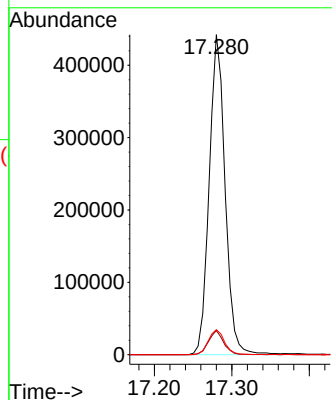
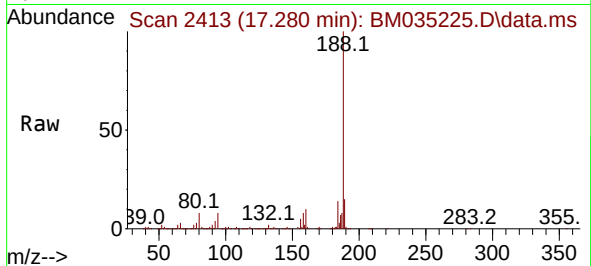




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.280 min Scan# 2417  
Delta R.T. -0.006 min  
Lab File: BM035225.D  
Acq: 24 May 2022 18:44

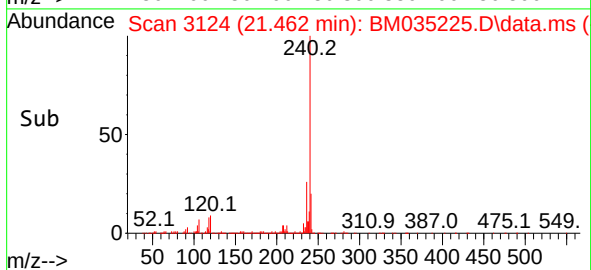
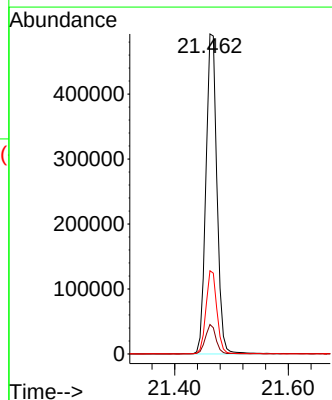
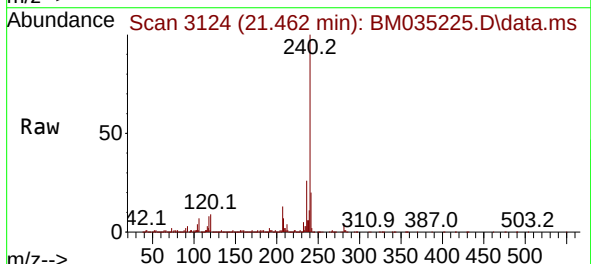
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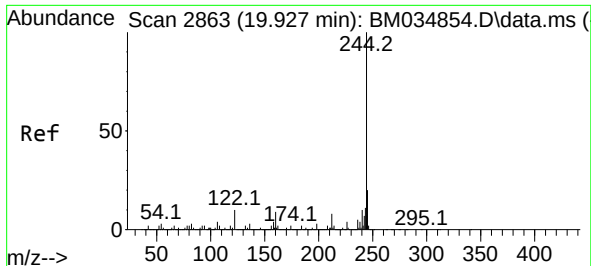
Tgt Ion:188 Resp: 630199  
Ion Ratio Lower Upper  
188 100  
94 7.5 7.0 10.4  
80 7.8 7.6 11.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.462 min Scan# 3124  
Delta R.T. -0.012 min  
Lab File: BM035225.D  
Acq: 24 May 2022 18:44

Tgt Ion:240 Resp: 661693  
Ion Ratio Lower Upper  
240 100  
120 9.2 9.4 14.0#  
236 26.0 20.6 30.8

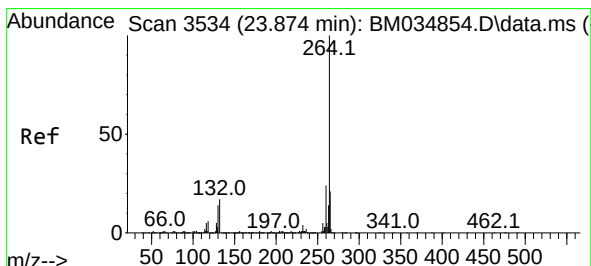
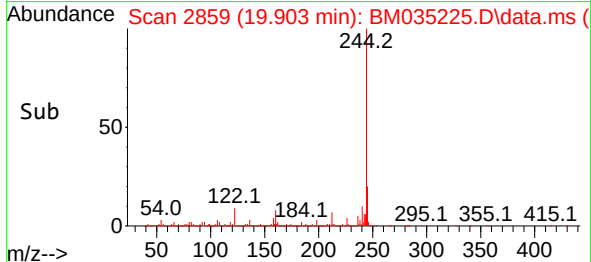
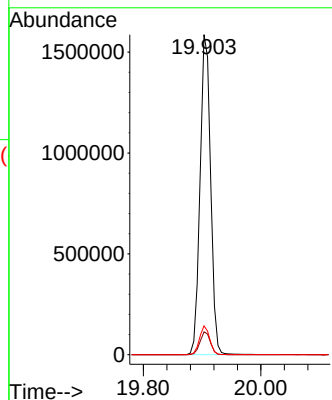
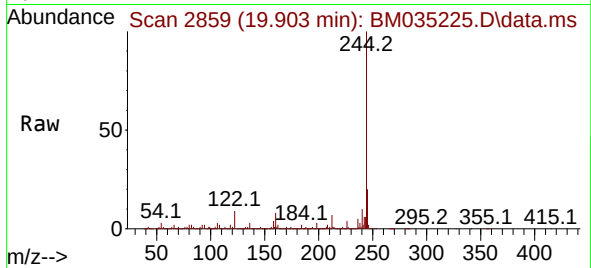




#79  
Terphenyl-d14  
Concen: 57.722 ng  
RT: 19.903 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BM035225.D  
Acq: 24 May 2022 18:44

Instrument :  
BNA\_M  
ClientSampleId :  
SB-7(0.5-1)

Tgt Ion:244 Resp: 1972628  
Ion Ratio Lower Upper  
244 100  
212 7.2 6.2 9.4  
122 9.0 8.3 12.5



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.850 min Scan# 3530  
Delta R.T. -0.006 min  
Lab File: BM035225.D  
Acq: 24 May 2022 18:44

Tgt Ion:264 Resp: 728320  
Ion Ratio Lower Upper  
264 100  
260 23.9 18.9 28.3  
265 22.0 17.5 26.3

