

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052521\  
 Data File : BF124051.D  
 Acq On : 25 May 2021 18:24  
 Operator : JU/CG  
 Sample : M2515-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMPOSITE-CONCRETE

Quant Time: May 25 18:44:45 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF051421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 14 19:05:57 2021  
 Response via : Initial Calibration

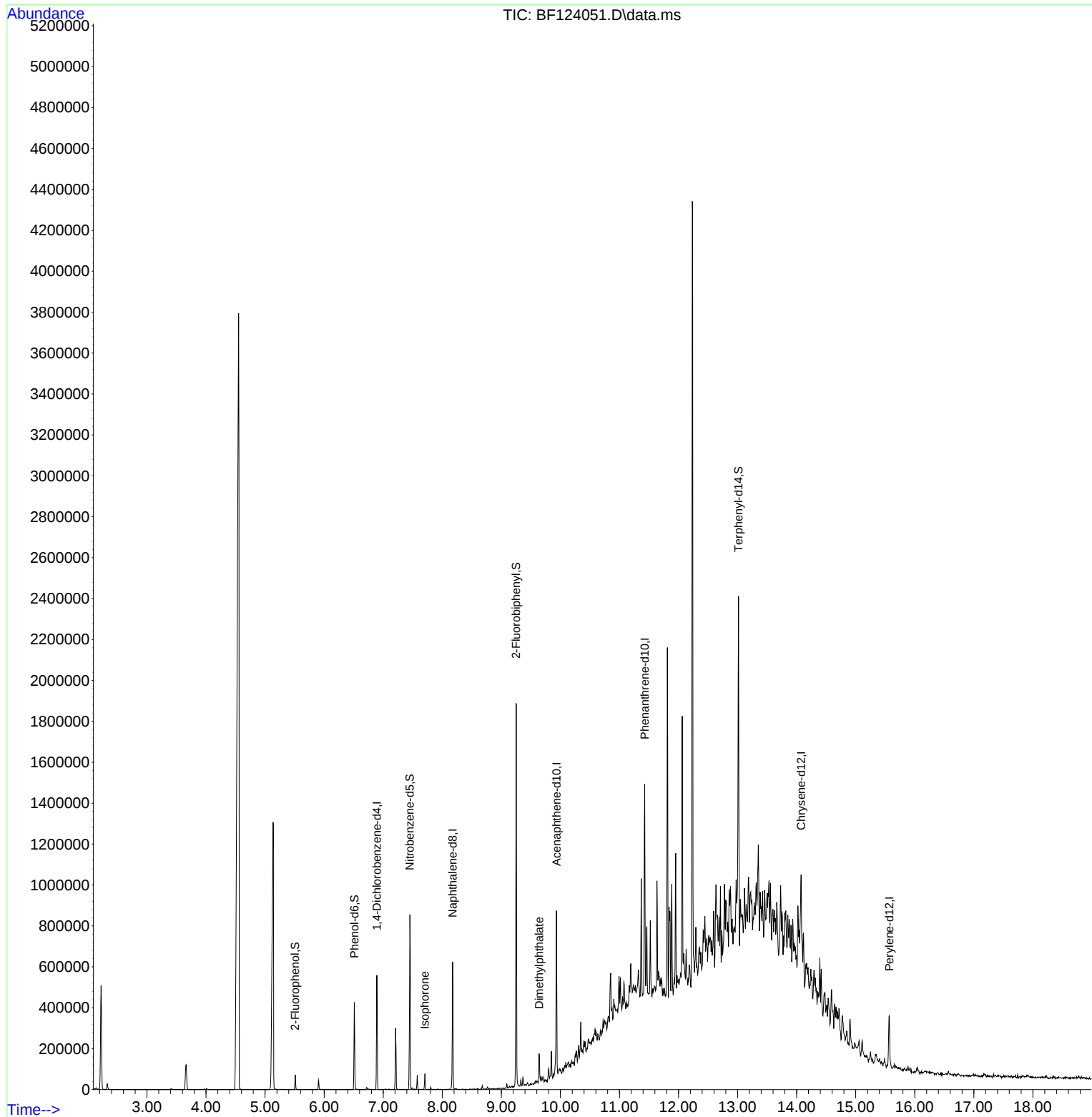
| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.893  | 152  | 66468    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.175  | 136  | 246649   | 20.00 | ng    | #-0.01   |
| 39) Acenaphthene-d10        | 9.934  | 164  | 138758   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.428 | 188  | 220623   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.074 | 240  | 122435   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12            | 15.568 | 264  | 106081   | 20.00 | ng    | 0.02     |
| System Monitoring Compounds |        |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.510  | 112  | 15755    | 3.33  | ng    | 0.00     |
| 7) Phenol-d6                | 6.510  | 99   | 104272   | 16.98 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.451  | 82   | 265591   | 46.39 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.722 | 330  | 581      | 0.35  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.251  | 172  | 483619   | 42.89 | ng    | -0.01    |
| 79) Terphenyl-d14           | 13.016 | 244  | 392508   | 48.55 | ng    | 0.00     |
| Target Compounds            |        |      |          |       |       |          |
| 25) Isophorone              | 7.704  | 82   | 22847    | 2.07  | ng    | # 85     |
| 50) Dimethylphthalate       | 9.639  | 163  | 23960    | 2.16  | ng    | # 96     |
| -----                       |        |      |          |       |       |          |

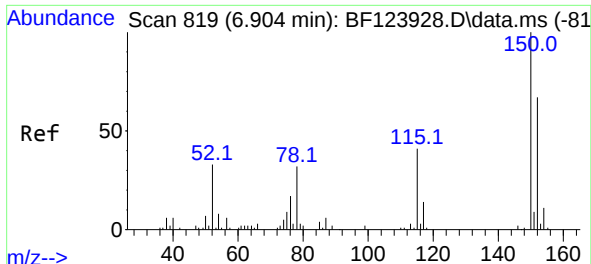
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052521\  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF051421.M  
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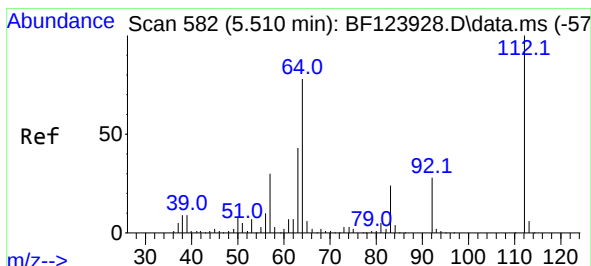
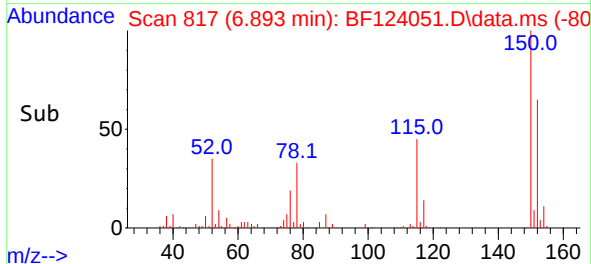
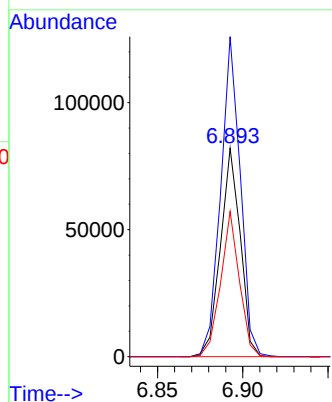
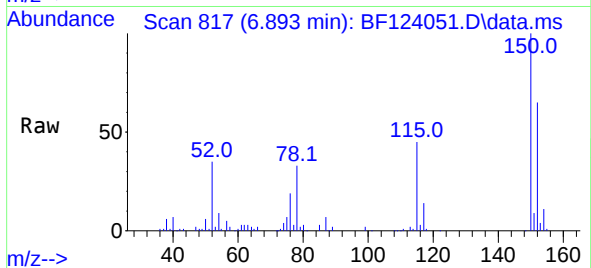




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.893 min Scan# 817  
Delta R.T. -0.011 min  
Lab File: BF124051.D  
Acq: 25 May 2021 18:24

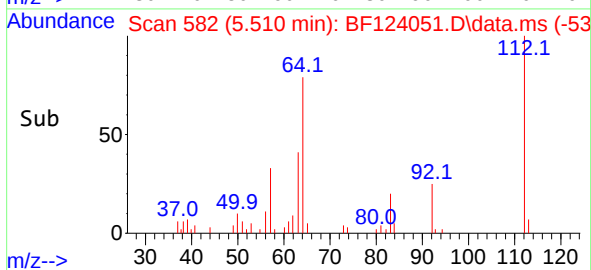
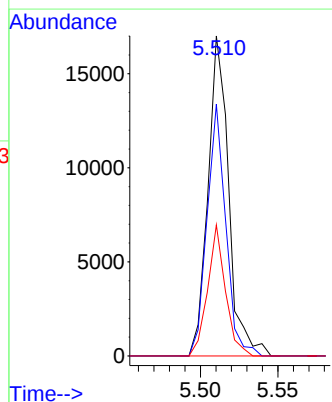
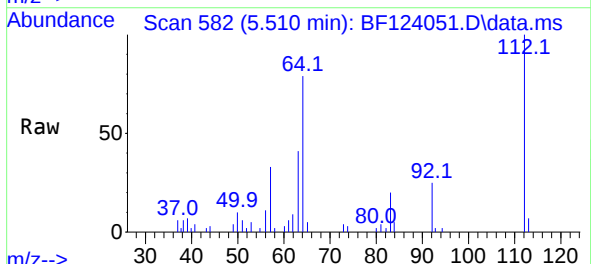
Instrument :  
BNA\_F  
ClientSampleId :  
COMPOSITE-CONCRETE

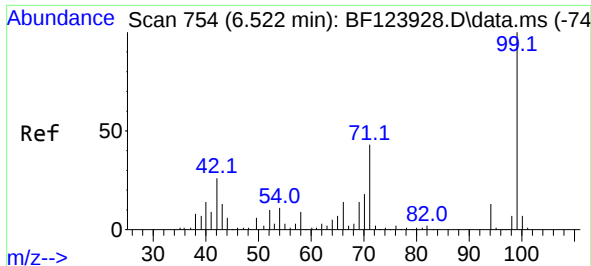
Tgt Ion:152 Resp: 66468  
Ion Ratio Lower Upper  
152 100  
150 153.5 127.0 190.6  
115 69.7 54.3 81.5



#5  
2-Fluorophenol  
Concen: 3.33 ng  
RT: 5.510 min Scan# 582  
Delta R.T. 0.000 min  
Lab File: BF124051.D  
Acq: 25 May 2021 18:24

Tgt Ion:112 Resp: 15755  
Ion Ratio Lower Upper  
112 100  
64 78.7 61.4 92.0  
63 41.0 33.0 49.4

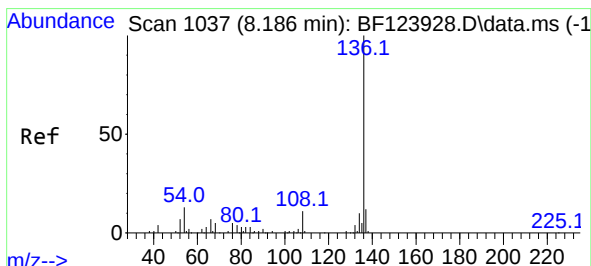
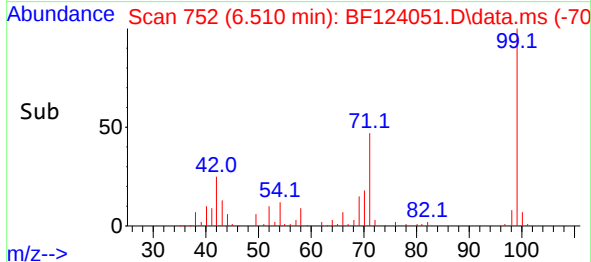
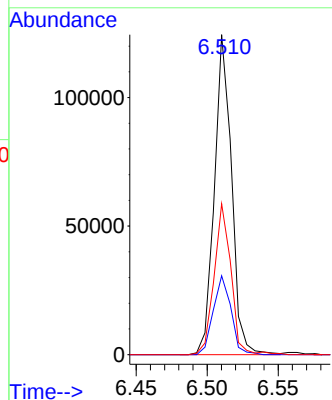
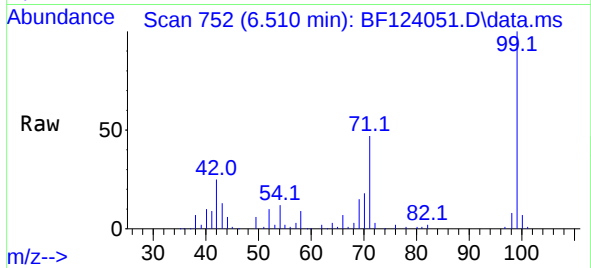




#7  
Phenol-d6  
Concen: 16.98 ng  
RT: 6.510 min Scan# 752  
Delta R.T. -0.012 min  
Lab File: BF124051.D  
Acq: 25 May 2021 18:24

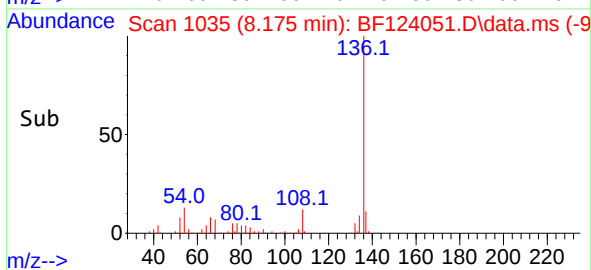
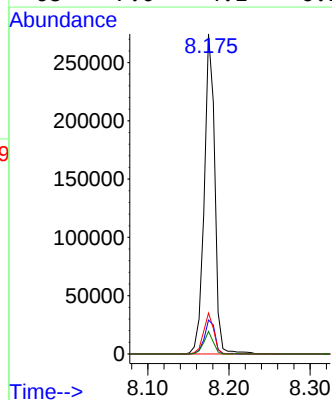
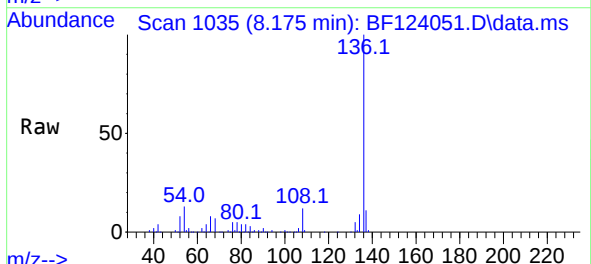
Instrument :  
BNA\_F  
ClientSampleId :  
COMPOSITE-CONCRETE

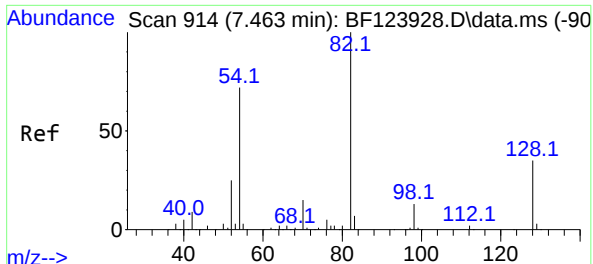
Tgt Ion: 99 Resp: 104272  
Ion Ratio Lower Upper  
99 100  
42 24.7 19.8 29.8  
71 47.1 31.1 46.7#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.175 min Scan# 1035  
Delta R.T. -0.011 min  
Lab File: BF124051.D  
Acq: 25 May 2021 18:24

Tgt Ion: 136 Resp: 246649  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.7 13.1  
54 12.8 9.8 14.6  
68 7.0 4.1 6.1#

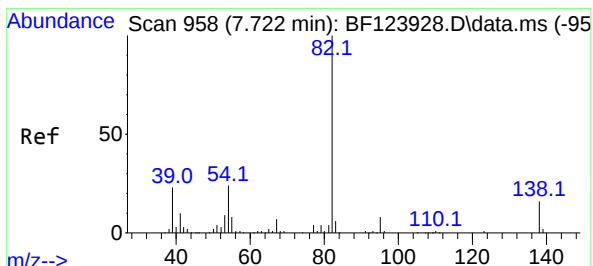
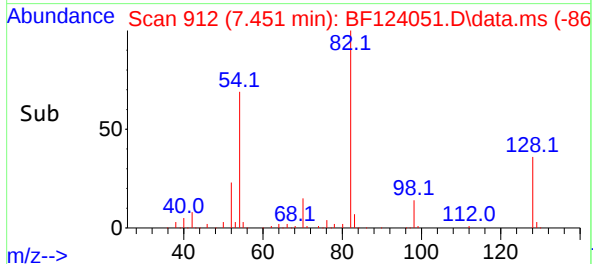
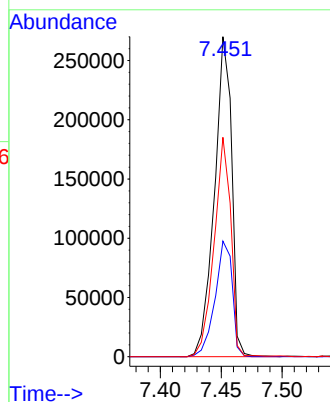
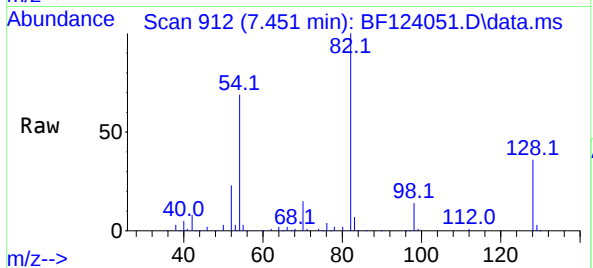




#23  
Nitrobenzene-d5  
Concen: 46.39 ng  
RT: 7.451 min Scan# 912  
Delta R.T. -0.012 min  
Lab File: BF124051.D  
Acq: 25 May 2021 18:24

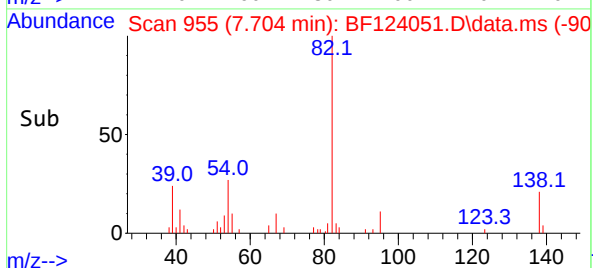
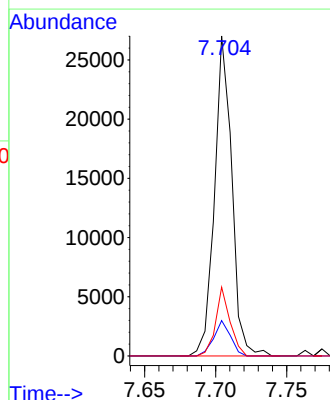
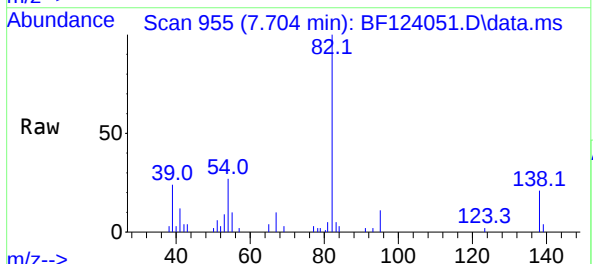
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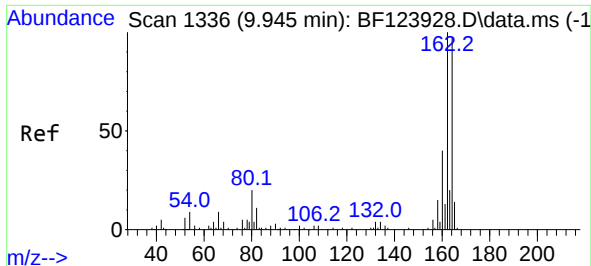
Tgt Ion: 82 Resp: 265591  
Ion Ratio Lower Upper  
82 100  
128 36.1 29.4 44.2  
54 68.6 54.1 81.1



#25  
Isophorone  
Concen: 2.07 ng  
RT: 7.704 min Scan# 955  
Delta R.T. -0.017 min  
Lab File: BF124051.D  
Acq: 25 May 2021 18:24

Tgt Ion: 82 Resp: 22847  
Ion Ratio Lower Upper  
82 100  
95 11.0 5.8 8.6#  
138 21.5 11.8 17.8#

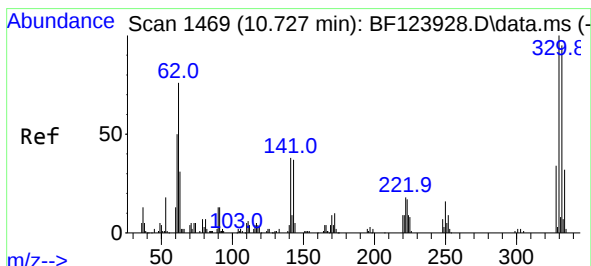
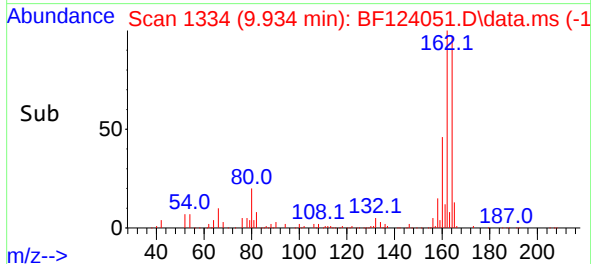
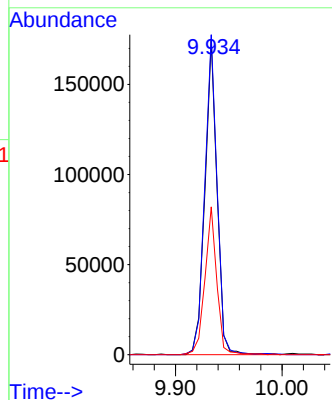
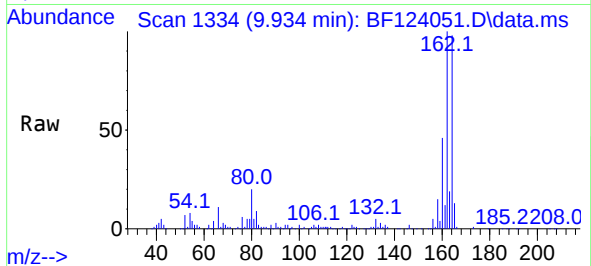




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.934 min Scan# 1334  
Delta R.T. -0.011 min  
Lab File: BF124051.D  
Acq: 25 May 2021 18:24

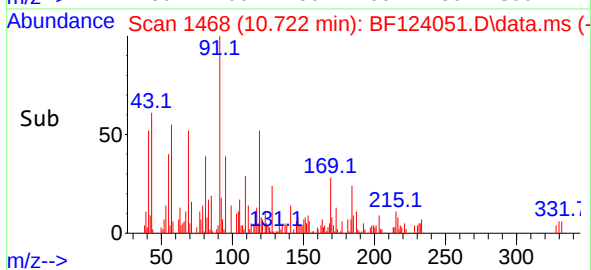
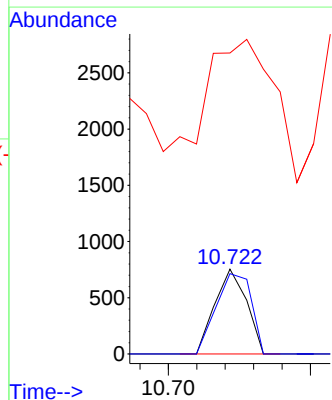
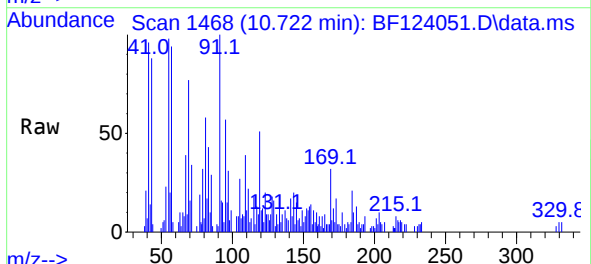
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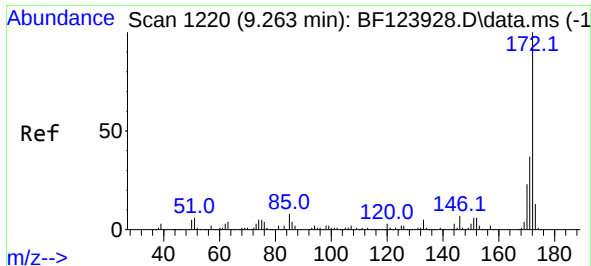
Tgt Ion:164 Resp: 138758  
Ion Ratio Lower Upper  
164 100  
162 101.8 80.7 121.1  
160 47.0 37.3 55.9



#42  
2,4,6-Tribromophenol  
Concen: 0.35 ng  
RT: 10.722 min Scan# 1468  
Delta R.T. -0.006 min  
Lab File: BF124051.D  
Acq: 25 May 2021 18:24

Tgt Ion:330 Resp: 581  
Ion Ratio Lower Upper  
330 100  
332 105.9 77.1 115.7  
141 327.9 27.9 41.9#

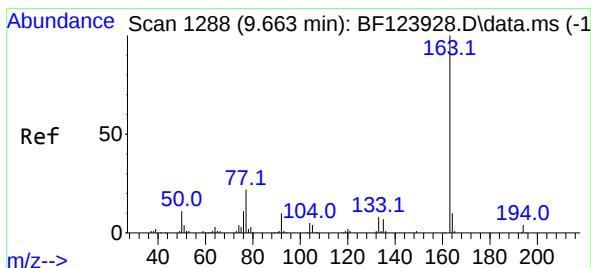
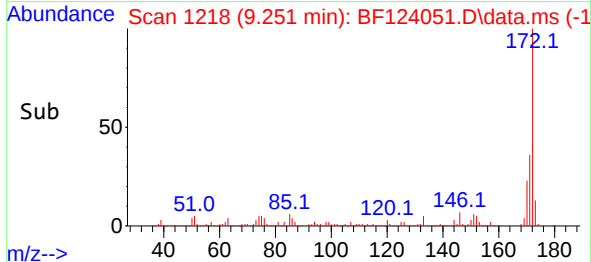
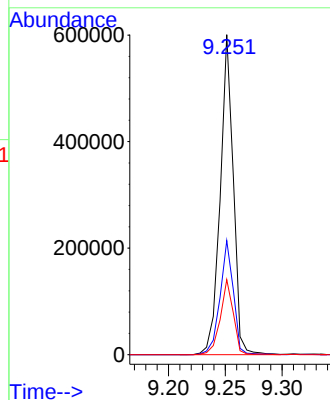
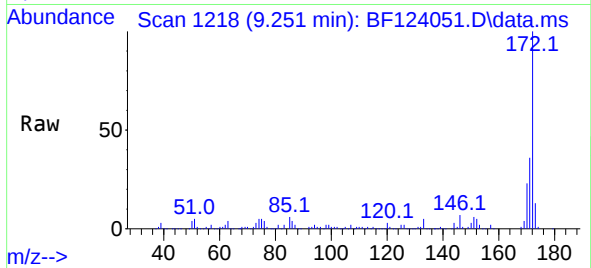




#45  
2-Fluorobiphenyl  
Concen: 42.89 ng  
RT: 9.251 min Scan# 1218  
Delta R.T. -0.012 min  
Lab File: BF124051.D  
Acq: 25 May 2021 18:24

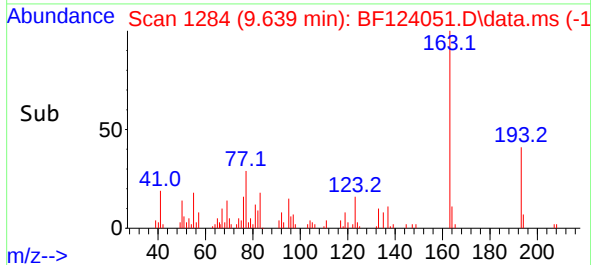
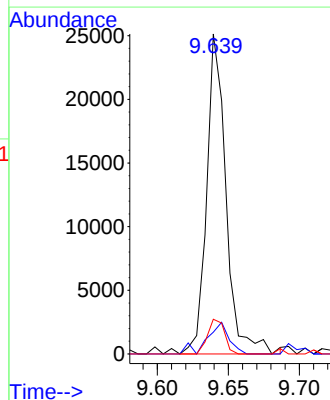
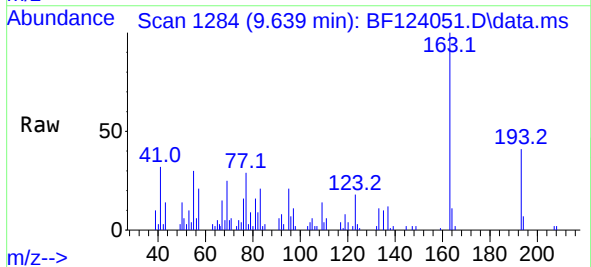
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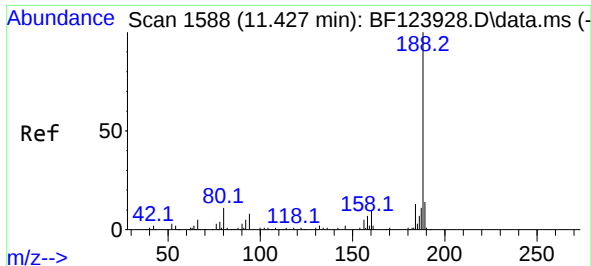
Tgt Ion:172 Resp: 483619  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.1 42.1  
170 23.5 19.2 28.8



#50  
Dimethylphthalate  
Concen: 2.16 ng  
RT: 9.639 min Scan# 1284  
Delta R.T. -0.023 min  
Lab File: BF124051.D  
Acq: 25 May 2021 18:24

Tgt Ion:163 Resp: 23960  
Ion Ratio Lower Upper  
163 100  
194 6.8 3.1 4.7#  
164 10.9 8.2 12.2

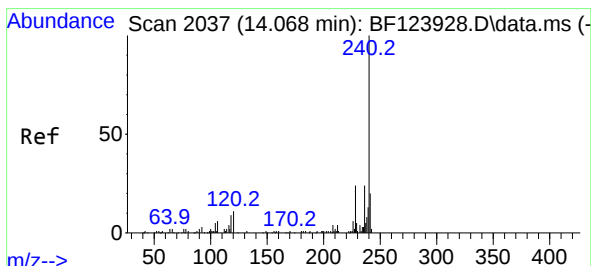
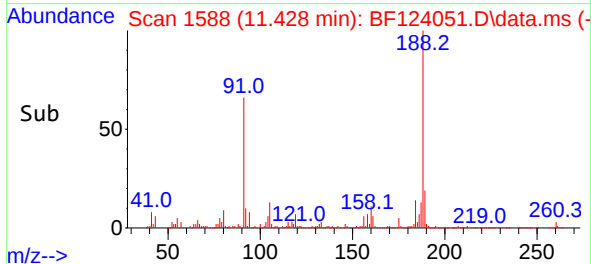
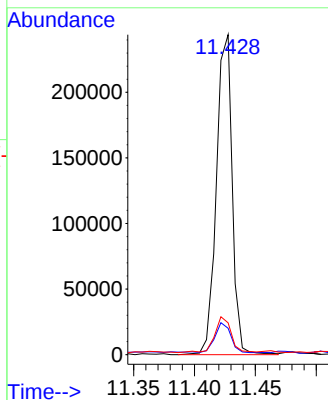
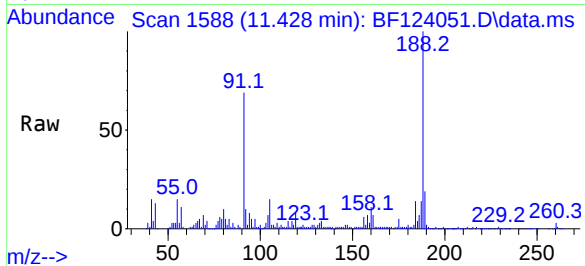




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.428 min Scan# 1588  
Delta R.T. 0.001 min  
Lab File: BF124051.D  
Acq: 25 May 2021 18:24

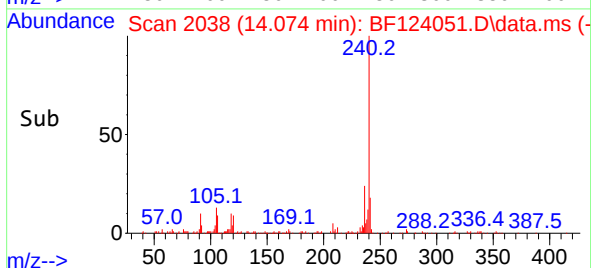
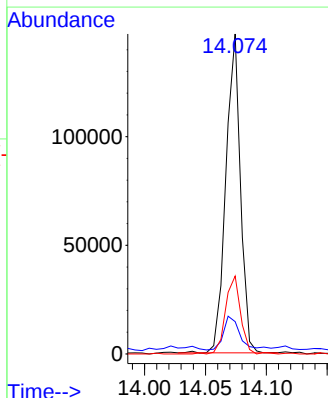
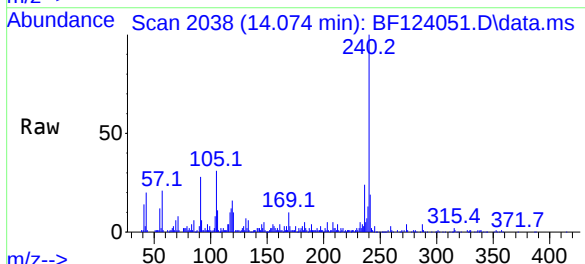
Instrument :  
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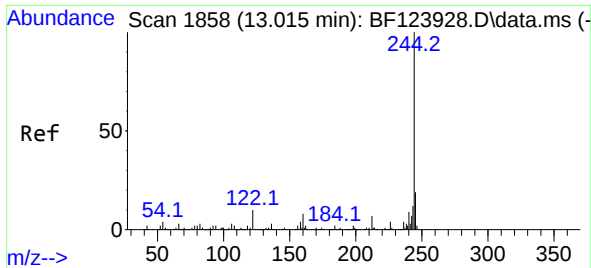
Tgt Ion:188 Resp: 220623  
Ion Ratio Lower Upper  
188 100  
94 8.3 6.9 10.3  
80 10.0 8.2 12.2



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.074 min Scan# 2038  
Delta R.T. 0.006 min  
Lab File: BF124051.D  
Acq: 25 May 2021 18:24

Tgt Ion:240 Resp: 122435  
Ion Ratio Lower Upper  
240 100  
120 10.1 7.2 10.8  
236 24.4 19.0 28.4

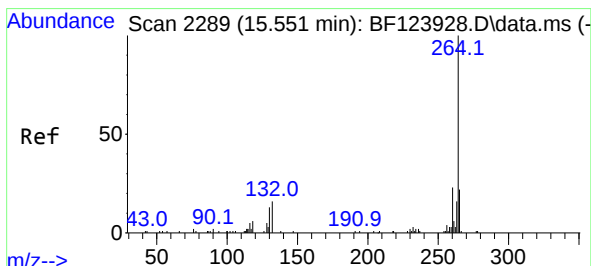
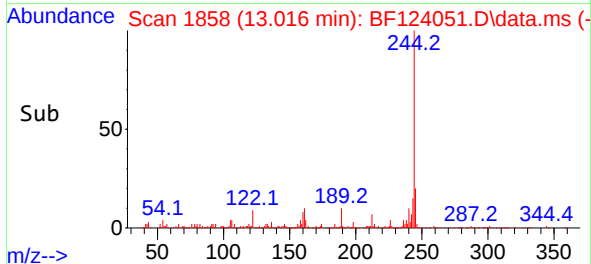
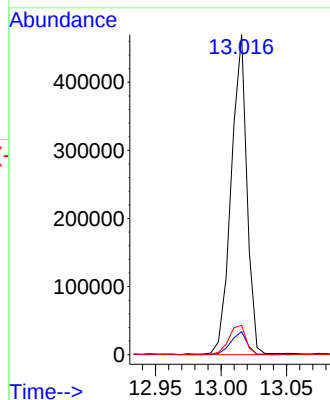
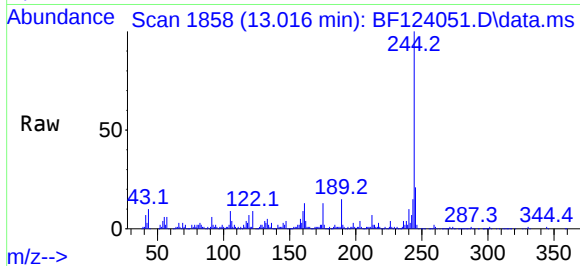




#79  
 Terphenyl-d14  
 Concen: 48.55 ng  
 RT: 13.016 min Scan# 1858  
 Delta R.T. 0.000 min  
 Lab File: BF124051.D  
 Acq: 25 May 2021 18:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMPOSITE-CONCRETE

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:244 | Resp: | 392508    |
| Ion Ratio   | Lower | Upper     |
| 244         | 100   |           |
| 212         | 7.2   | 5.7 8.5   |
| 122         | 9.2   | 9.7 14.5# |



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.568 min Scan# 2292  
 Delta R.T. 0.018 min  
 Lab File: BF124051.D  
 Acq: 25 May 2021 18:24

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:264 | Resp: | 106081    |
| Ion Ratio   | Lower | Upper     |
| 264         | 100   |           |
| 260         | 22.8  | 18.7 28.1 |
| 265         | 20.0  | 17.8 26.8 |

