

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062221\  
 Data File : BF124417.D  
 Acq On : 22 Jun 2021 17:54  
 Operator : JU/CG  
 Sample : M2789-07  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SHORT-PILLARS

Quant Time: Jun 23 02:50:38 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF060321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 15 20:09:26 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.781  | 152  | 47239    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.063  | 136  | 188171   | 20.000 | ng    | #-0.01   |
| 39) Acenaphthene-d10        | 9.822  | 164  | 118051   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.310 | 188  | 217192   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 13.962 | 240  | 98736    | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.427 | 264  | 84939    | 20.000 | ng    | 0.01     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.410  | 112  | 184017   | 58.640 | ng    | 0.00     |
| 7) Phenol-d6                | 6.428  | 99   | 260192   | 61.685 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.351  | 82   | 221324   | 46.649 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.616 | 330  | 76740    | 45.883 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.145  | 172  | 456896   | 48.703 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.904 | 244  | 458447   | 63.749 | ng    | 0.00     |

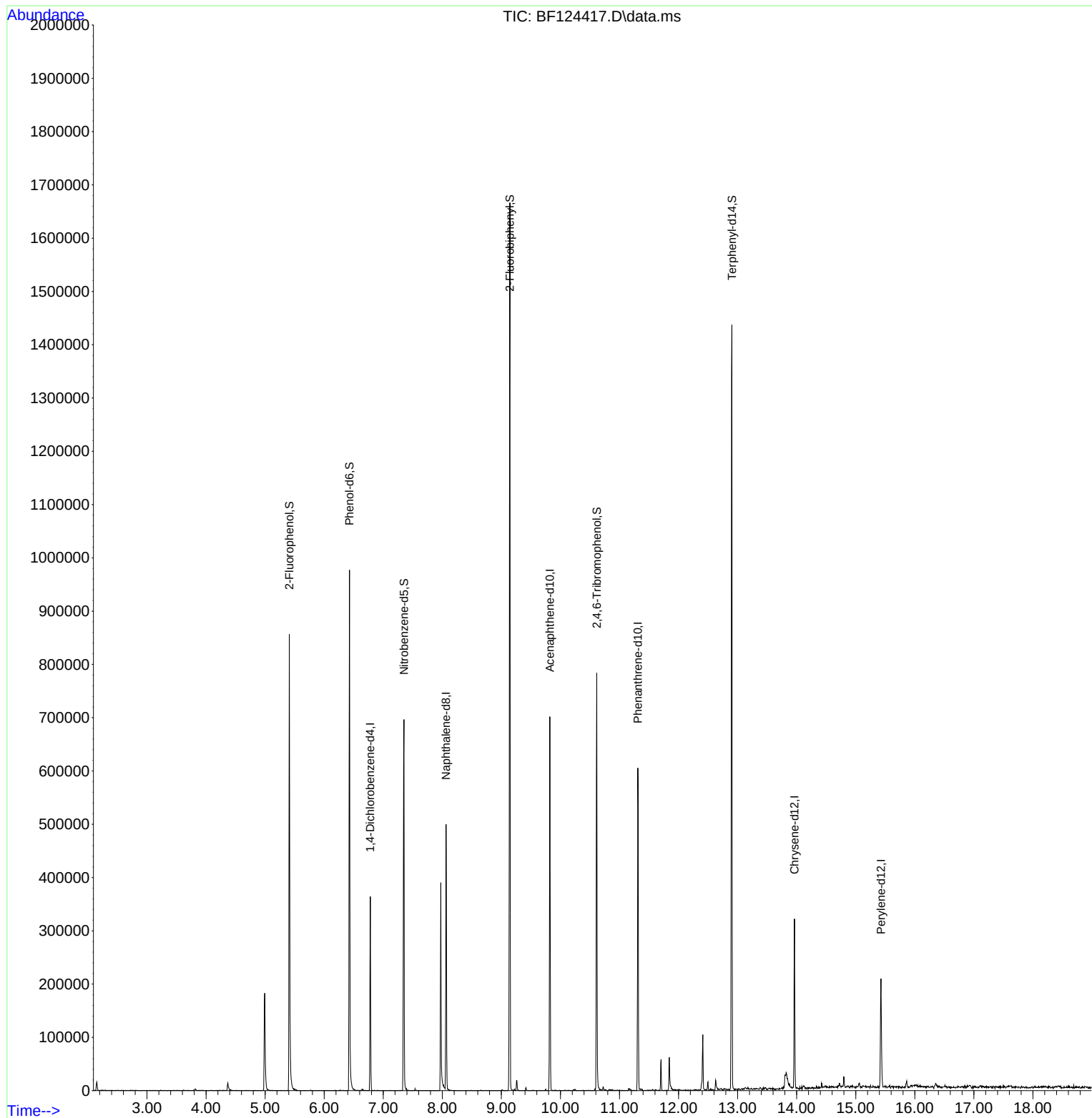
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

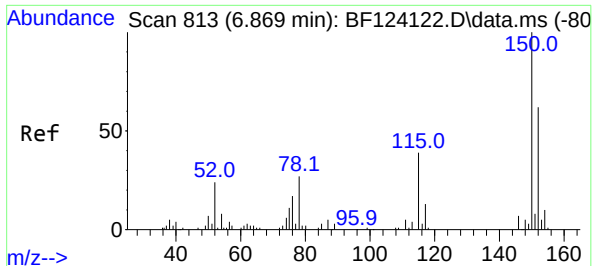
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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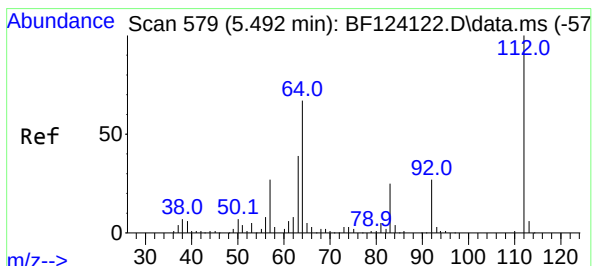
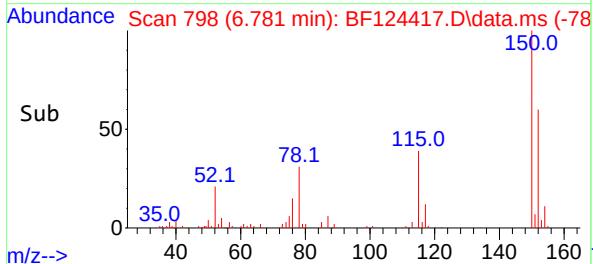
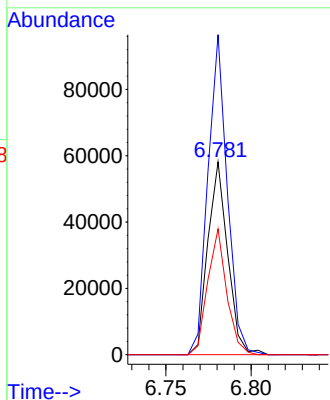
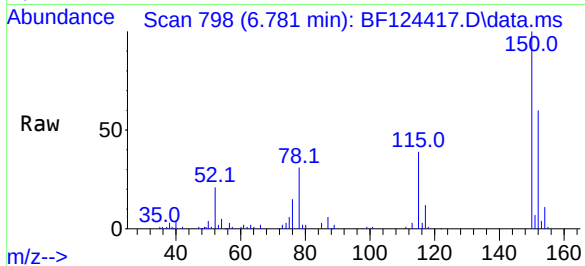




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.781 min Scan# 798  
Delta R.T. -0.005 min  
Lab File: BF124417.D  
Acq: 22 Jun 2021 17:54

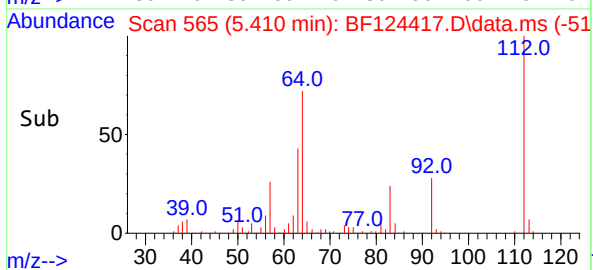
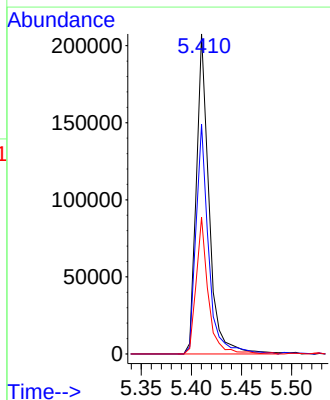
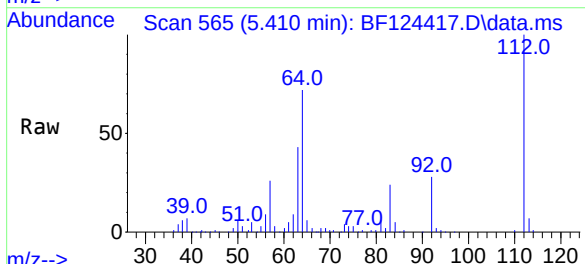
Instrument :  
BNA\_F  
ClientSampleId :  
SHORT-PILLARS

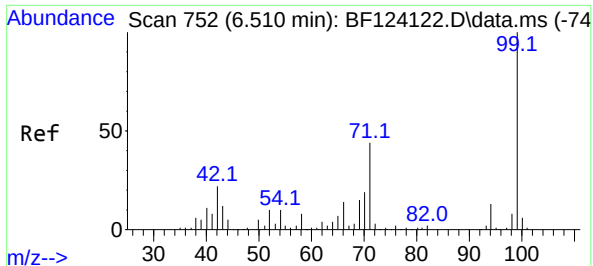
Tgt Ion:152 Resp: 47239  
Ion Ratio Lower Upper  
152 100  
150 166.0 127.0 190.6  
115 65.2 54.3 81.5



#5  
2-Fluorophenol  
Concen: 58.640 ng  
RT: 5.410 min Scan# 565  
Delta R.T. -0.006 min  
Lab File: BF124417.D  
Acq: 22 Jun 2021 17:54

Tgt Ion:112 Resp: 184017  
Ion Ratio Lower Upper  
112 100  
64 71.8 61.4 92.0  
63 42.7 33.0 49.4

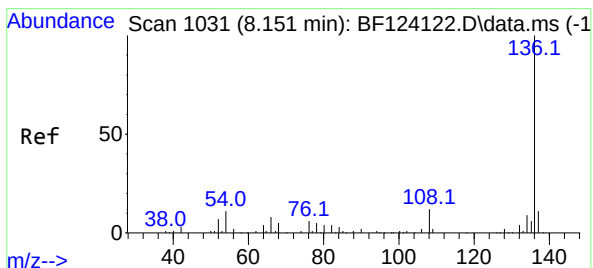
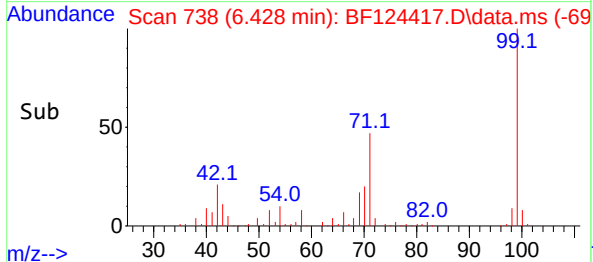
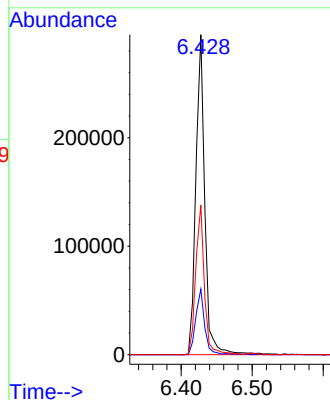
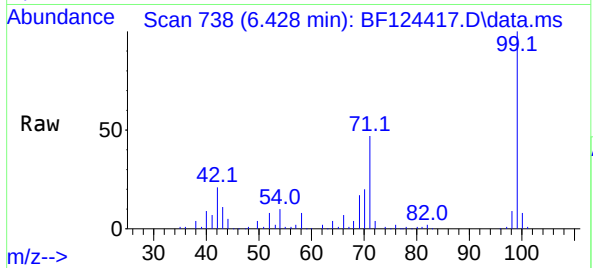




#7  
Phenol-d6  
Concen: 61.685 ng  
RT: 6.428 min Scan# 738  
Delta R.T. -0.018 min  
Lab File: BF124417.D  
Acq: 22 Jun 2021 17:54

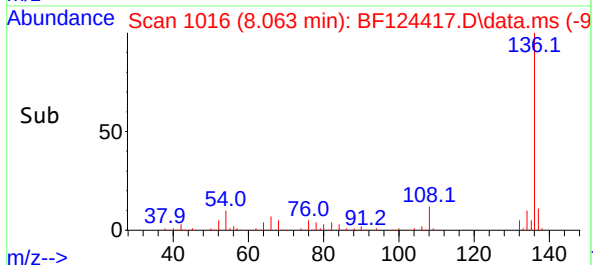
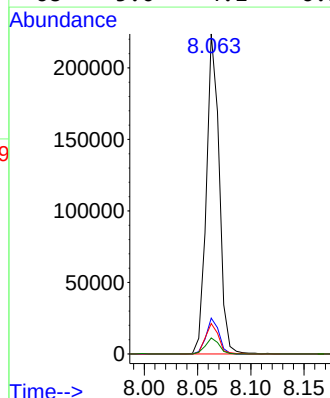
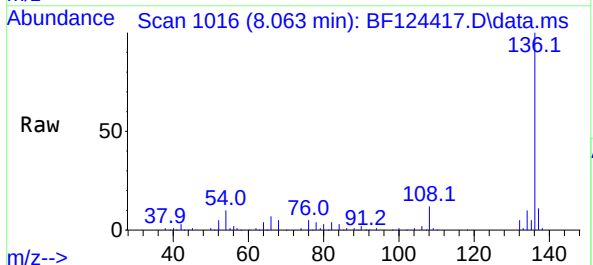
Instrument :  
BNA\_F  
ClientSampleId :  
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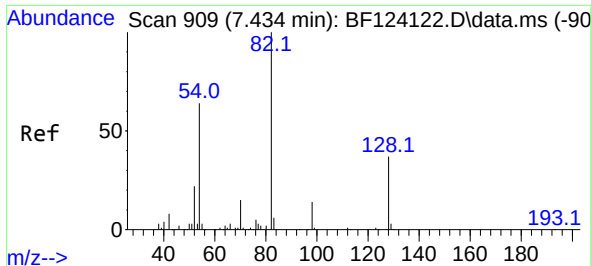
Tgt Ion: 99 Resp: 260192  
Ion Ratio Lower Upper  
99 100  
42 20.5 19.8 29.8  
71 46.7 31.1 46.7#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.063 min Scan# 1016  
Delta R.T. -0.012 min  
Lab File: BF124417.D  
Acq: 22 Jun 2021 17:54

Tgt Ion:136 Resp: 188171  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.7 13.1  
54 9.5 9.8 14.6#  
68 5.0 4.1 6.1





#23

Nitrobenzene-d5

Concen: 46.649 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF124417.D

Acq: 22 Jun 2021 17:54

Instrument :

BNA\_F

ClientSampleId :

SHORT-PILLARS

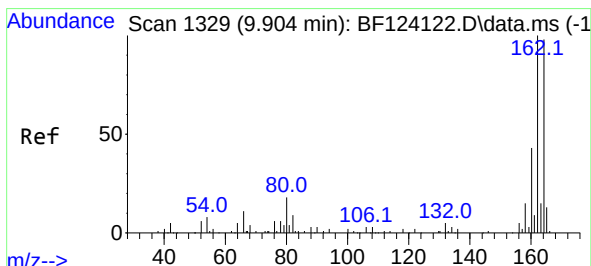
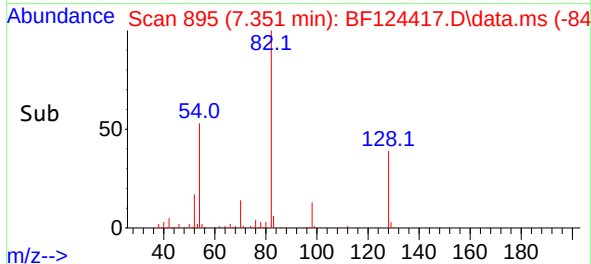
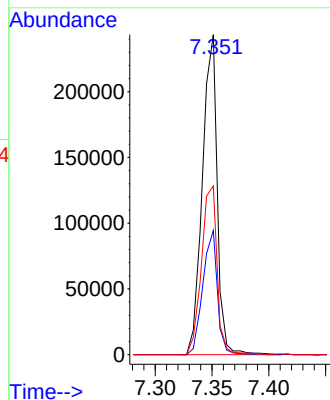
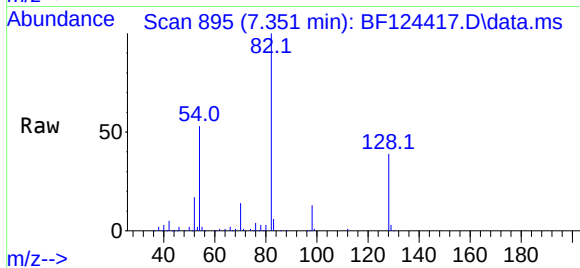
Tgt Ion: 82 Resp: 221324

Ion Ratio Lower Upper

82 100

128 38.8 29.4 44.2

54 52.7 54.1 81.1#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BF124417.D

Acq: 22 Jun 2021 17:54

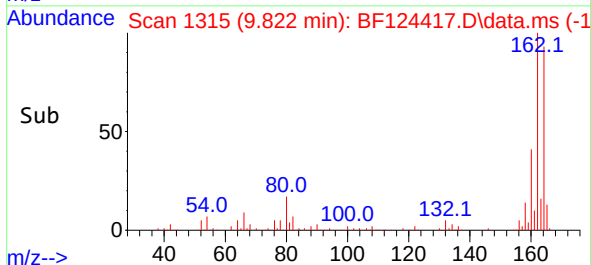
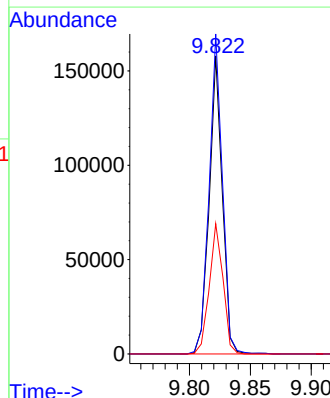
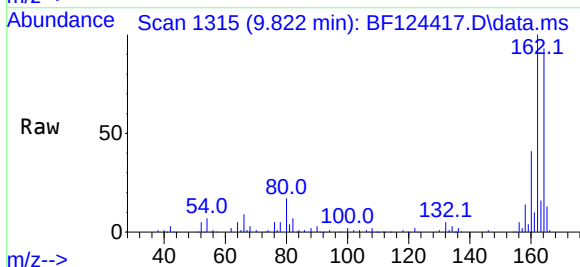
Tgt Ion:164 Resp: 118051

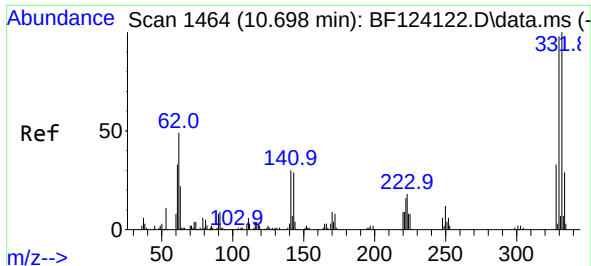
Ion Ratio Lower Upper

164 100

162 107.3 80.7 121.1

160 43.7 37.3 55.9

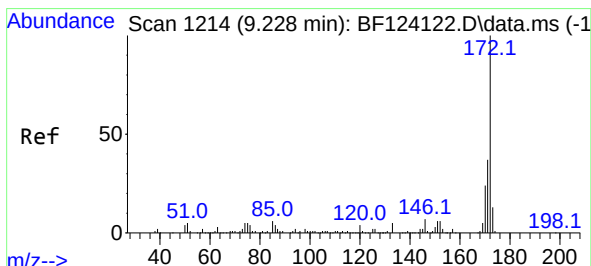
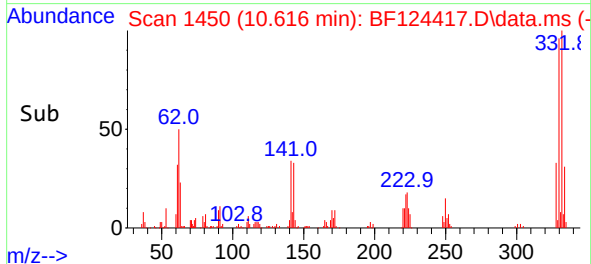
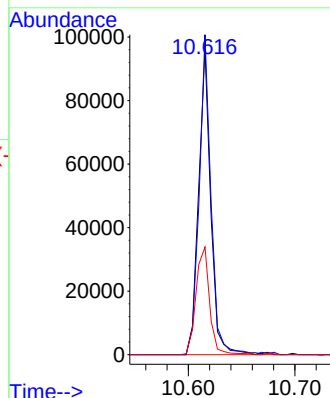
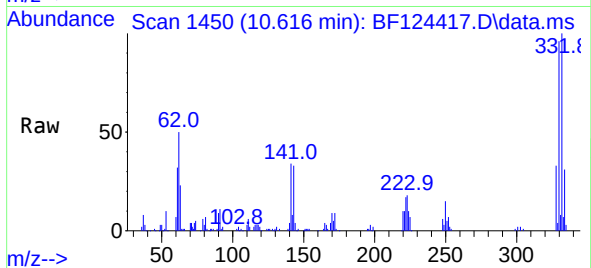




#42  
2,4,6-Tribromophenol  
Concen: 45.883 ng  
RT: 10.616 min Scan# 1450  
Delta R.T. -0.006 min  
Lab File: BF124417.D  
Acq: 22 Jun 2021 17:54

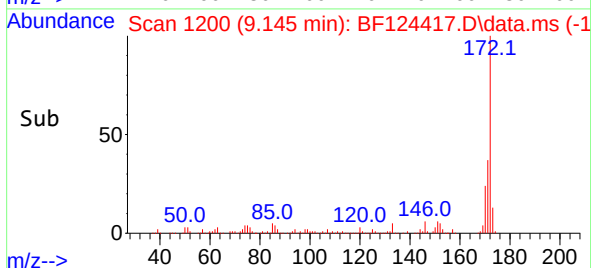
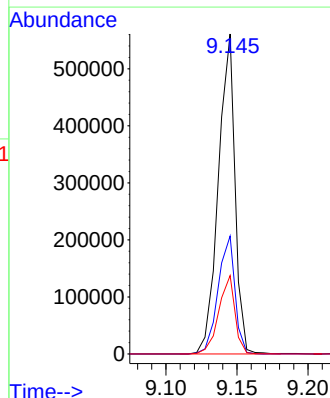
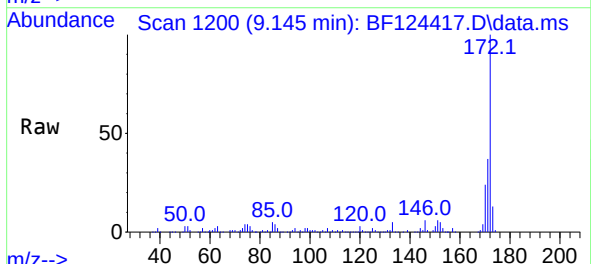
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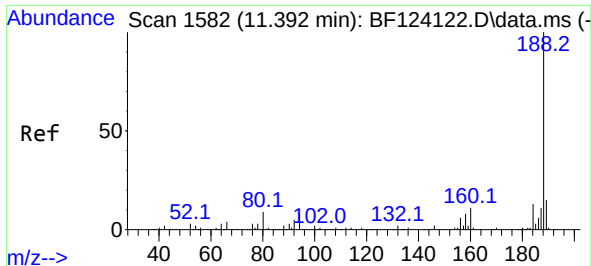
Tgt Ion: 330 Resp: 76740  
Ion Ratio Lower Upper  
330 100  
332 100.9 77.1 115.7  
141 39.3 27.9 41.9



#45  
2-Fluorobiphenyl  
Concen: 48.703 ng  
RT: 9.145 min Scan# 1200  
Delta R.T. -0.006 min  
Lab File: BF124417.D  
Acq: 22 Jun 2021 17:54

Tgt Ion: 172 Resp: 456896  
Ion Ratio Lower Upper  
172 100  
171 36.8 28.1 42.1  
170 24.5 19.2 28.8

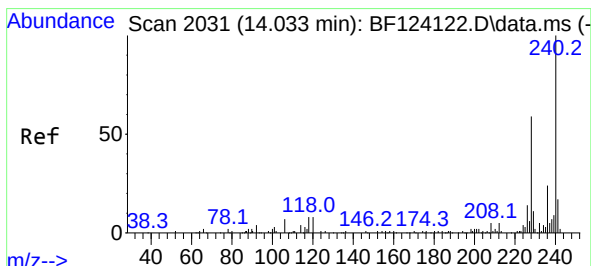
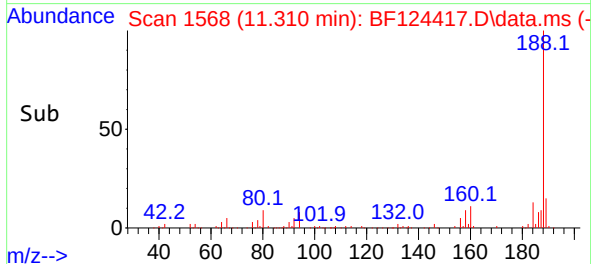
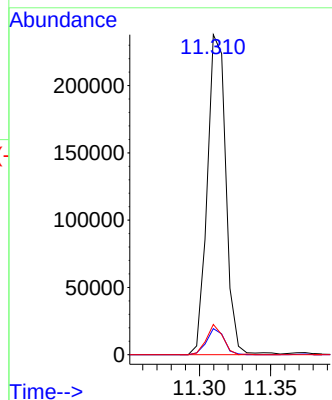
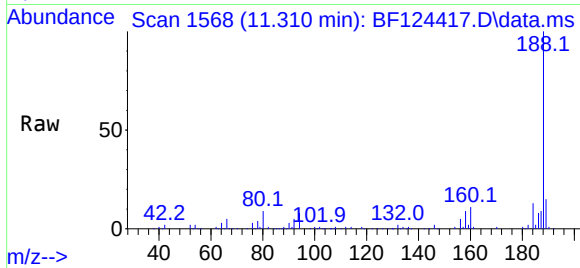




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.310 min Scan# 1568  
Delta R.T. -0.006 min  
Lab File: BF124417.D  
Acq: 22 Jun 2021 17:54

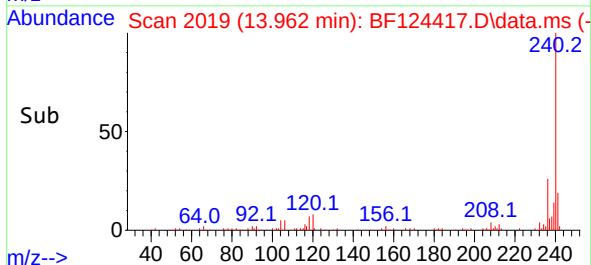
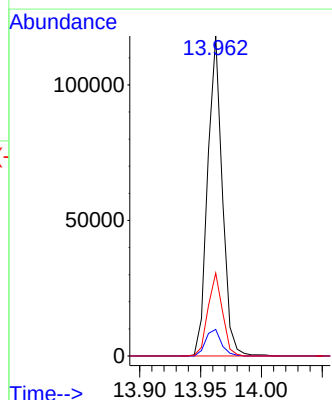
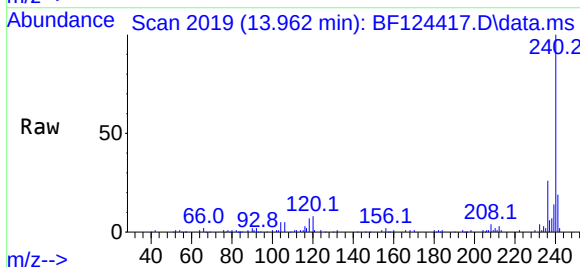
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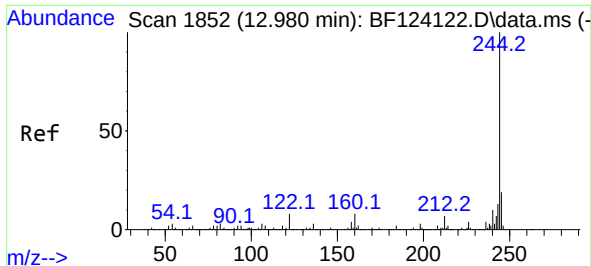
Tgt Ion:188 Resp: 217192  
Ion Ratio Lower Upper  
188 100  
94 8.2 6.9 10.3  
80 9.4 8.2 12.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.962 min Scan# 2019  
Delta R.T. -0.000 min  
Lab File: BF124417.D  
Acq: 22 Jun 2021 17:54

Tgt Ion:240 Resp: 98736  
Ion Ratio Lower Upper  
240 100  
120 8.3 7.2 10.8  
236 25.9 19.0 28.4

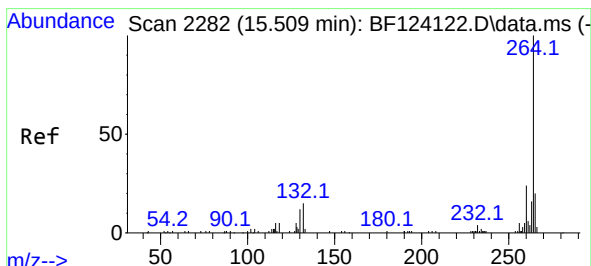
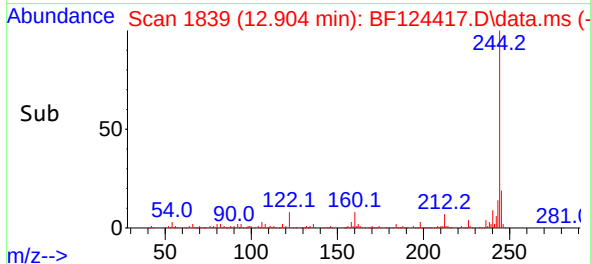
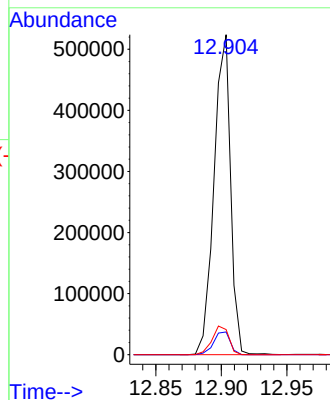
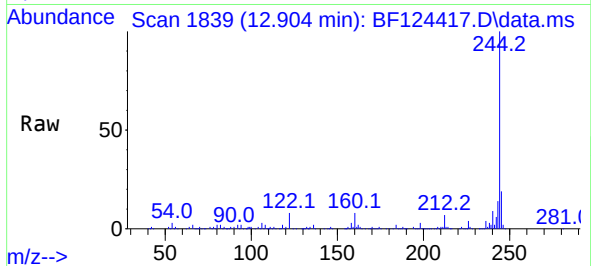




#79  
Terphenyl-d14  
Concen: 63.749 ng  
RT: 12.904 min Scan# 1839  
Delta R.T. -0.000 min  
Lab File: BF124417.D  
Acq: 22 Jun 2021 17:54

Instrument :  
BNA\_F  
ClientSampleId :  
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Tgt Ion:244 Resp: 458447  
Ion Ratio Lower Upper  
244 100  
212 7.1 5.7 8.5  
122 7.8 9.7 14.5#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.427 min Scan# 2268  
Delta R.T. 0.012 min  
Lab File: BF124417.D  
Acq: 22 Jun 2021 17:54

Tgt Ion:264 Resp: 84939  
Ion Ratio Lower Upper  
264 100  
260 22.4 18.7 28.1  
265 22.3 17.8 26.8

