

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062221\  
 Data File : BF124410.D  
 Acq On : 22 Jun 2021 14:04  
 Operator : JU/CG  
 Sample : M2762-01  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC SOLIDS DBD

Quant Time: Jun 22 14:24:31 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  | 42090    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.063  | 136  | 164766   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.822  | 164  | 111016   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.310 | 188  | 204798   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.963 | 240  | 115796   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.427 | 264  | 81271    | 20.000  | ng    | 0.01     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.428  | 112  | 324581   | 116.086 | ng    | 0.01     |
| 7) Phenol-d6                | 6.434  | 99   | 363471   | 96.711  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.351  | 82   | 334065   | 80.414  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.622 | 330  | 196094   | 124.676 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.145  | 172  | 652653   | 73.978  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.910 | 244  | 886987   | 105.167 | ng    | 0.00     |

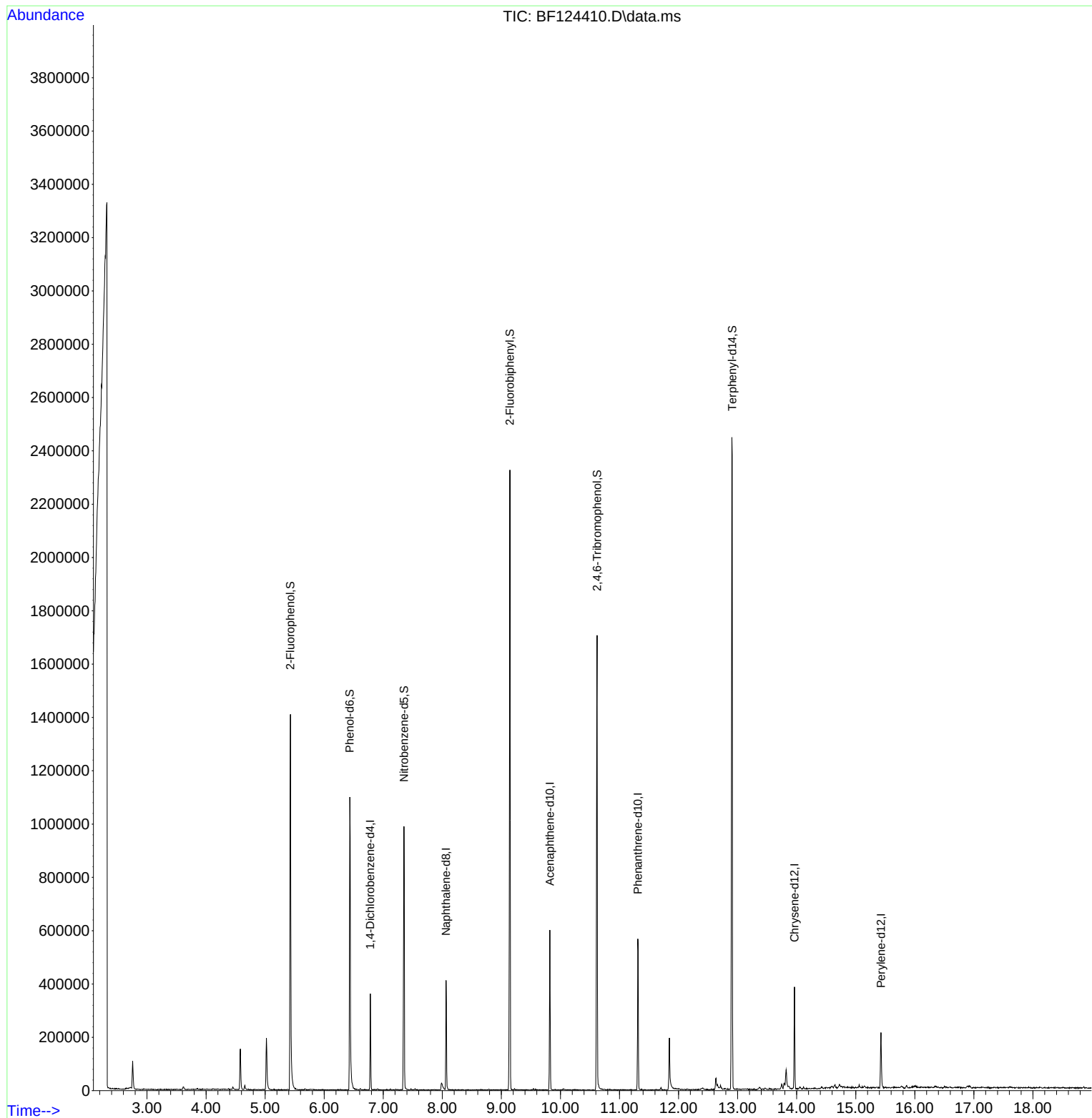
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

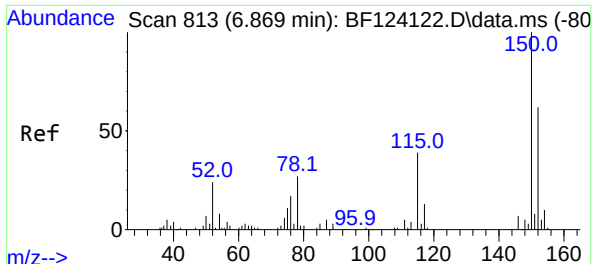
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 15 20:09:26 2021  
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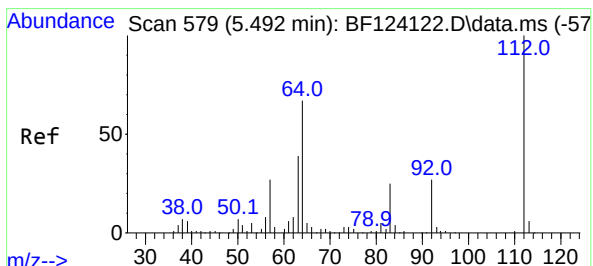
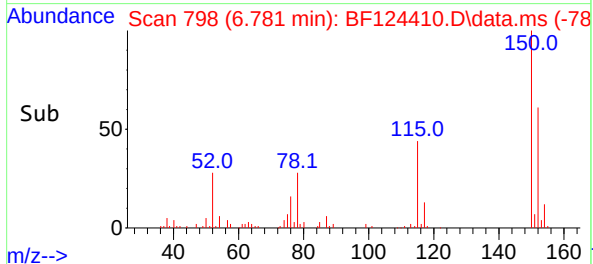
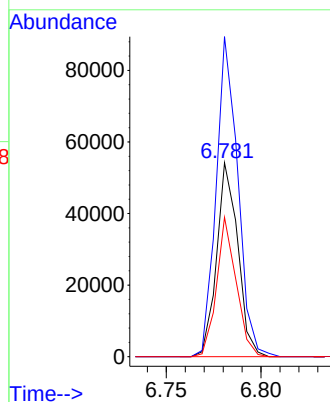
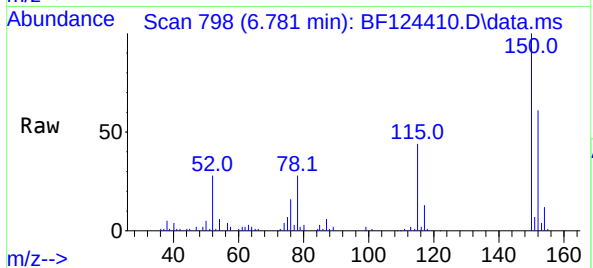




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.781 min Scan# 798  
Delta R.T. -0.005 min  
Lab File: BF124410.D  
Acq: 22 Jun 2021 14:04

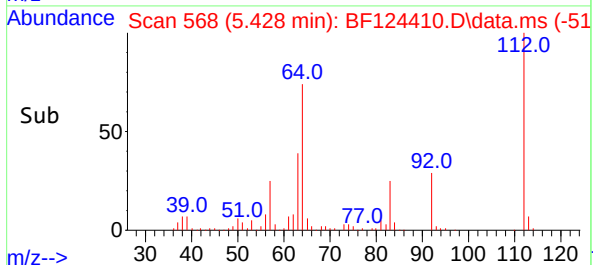
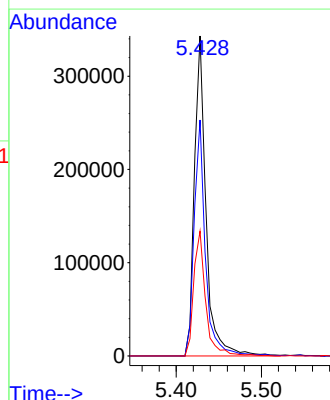
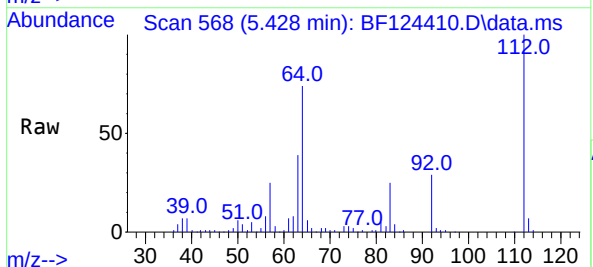
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BNA\_F  
ClientSampleId :  
WC SOLIDS DBD

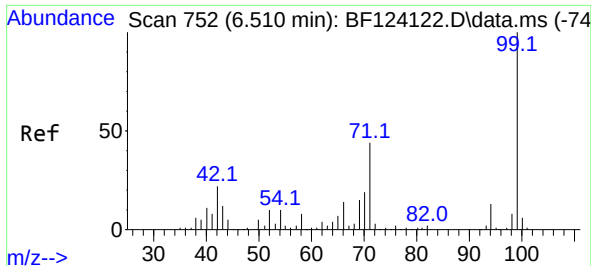
Tgt Ion:152 Resp: 42090  
Ion Ratio Lower Upper  
152 100  
150 165.0 127.0 190.6  
115 71.9 54.3 81.5



#5  
2-Fluorophenol  
Concen: 116.086 ng  
RT: 5.428 min Scan# 568  
Delta R.T. 0.012 min  
Lab File: BF124410.D  
Acq: 22 Jun 2021 14:04

Tgt Ion:112 Resp: 324581  
Ion Ratio Lower Upper  
112 100  
64 73.7 61.4 92.0  
63 39.0 33.0 49.4

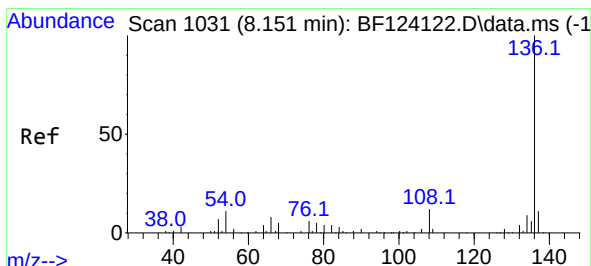
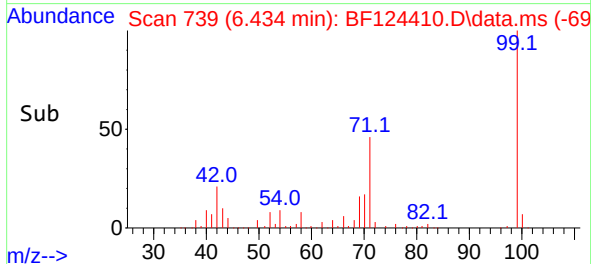
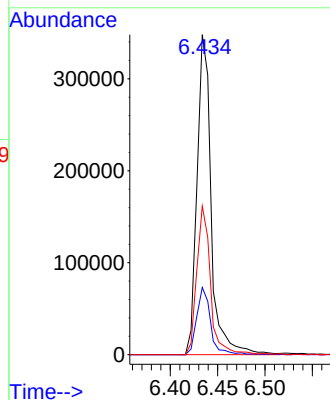
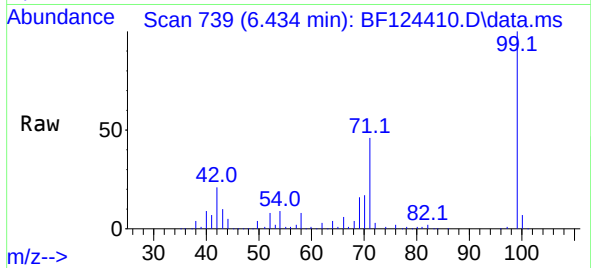




#7  
Phenol-d6  
Concen: 96.711 ng  
RT: 6.434 min Scan# 739  
Delta R.T. -0.012 min  
Lab File: BF124410.D  
Acq: 22 Jun 2021 14:04

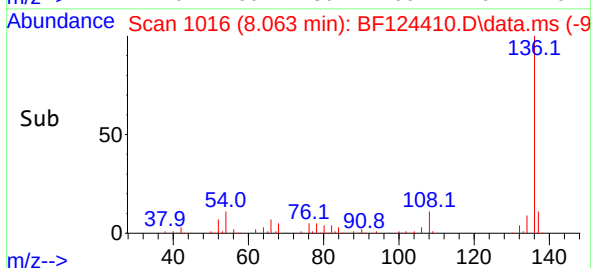
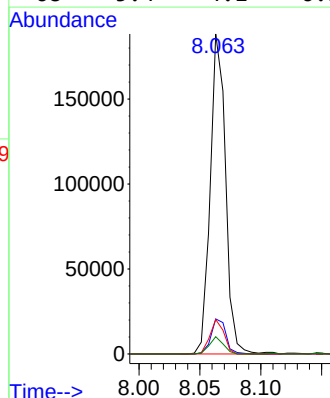
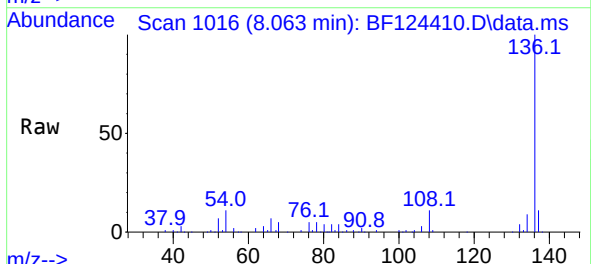
Instrument :  
BNA\_F  
ClientSampleId :  
WC SOLIDS DBD

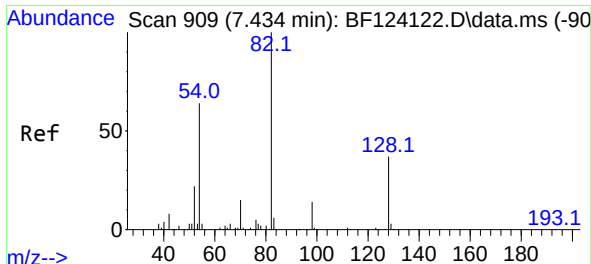
Tgt Ion: 99 Resp: 363471  
Ion Ratio Lower Upper  
99 100  
42 21.0 19.8 29.8  
71 46.5 31.1 46.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.063 min Scan# 1016  
Delta R.T. -0.012 min  
Lab File: BF124410.D  
Acq: 22 Jun 2021 14:04

Tgt Ion: 136 Resp: 164766  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.7 13.1  
54 10.7 9.8 14.6  
68 5.4 4.1 6.1





#23

Nitrobenzene-d5

Concen: 80.414 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF124410.D

Acq: 22 Jun 2021 14:04

Instrument :

BNA\_F

ClientSampleId :

WC SOLIDS DBD

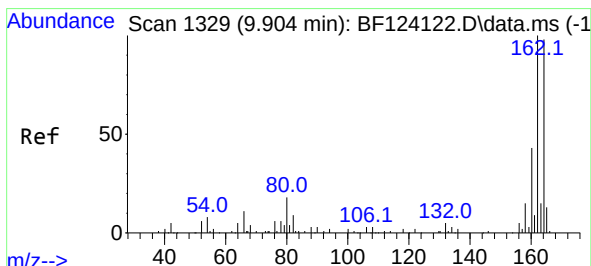
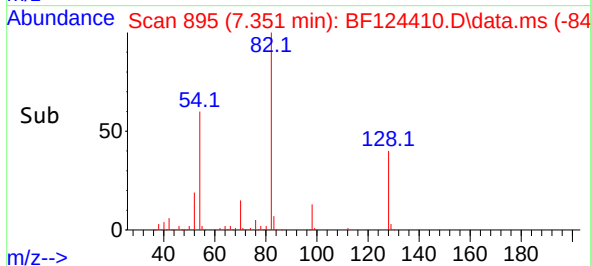
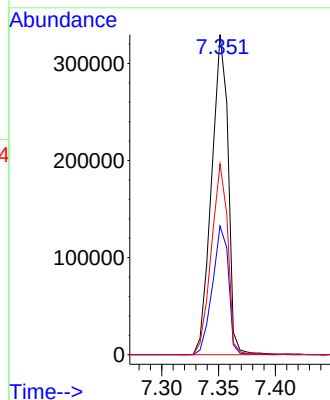
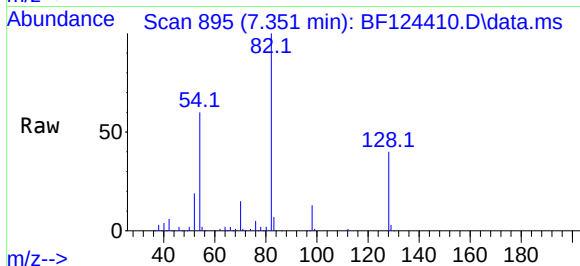
Tgt Ion: 82 Resp: 334065

Ion Ratio Lower Upper

82 100

128 40.2 29.4 44.2

54 59.6 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: BF124410.D

Acq: 22 Jun 2021 14:04

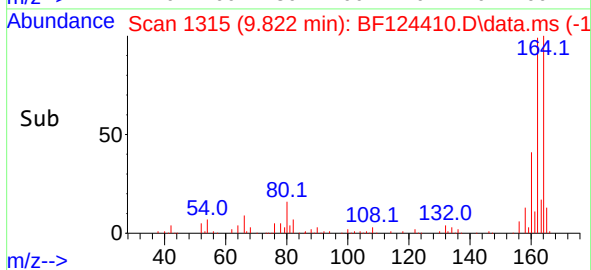
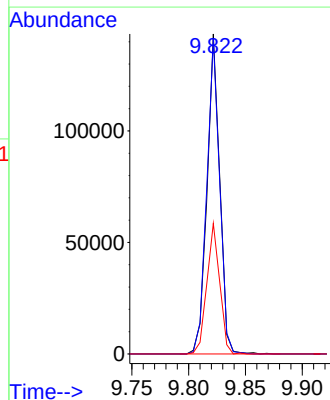
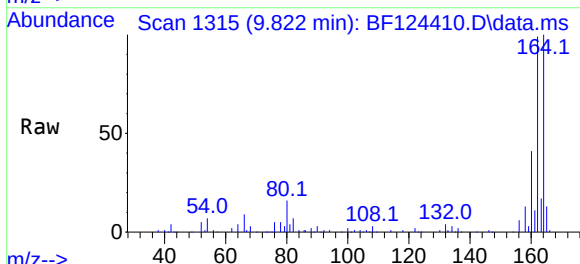
Tgt Ion:164 Resp: 111016

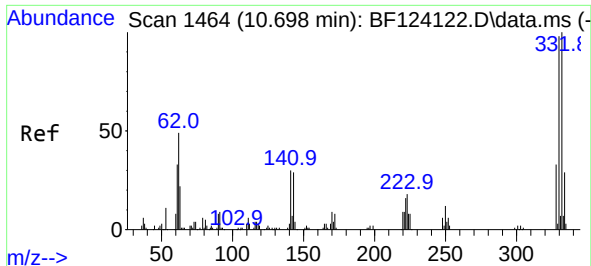
Ion Ratio Lower Upper

164 100

162 98.5 80.7 121.1

160 40.8 37.3 55.9

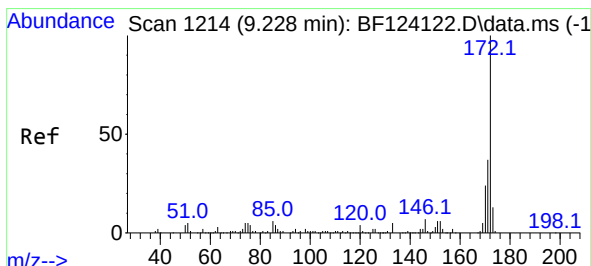
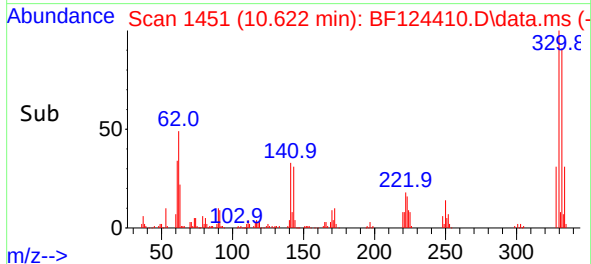
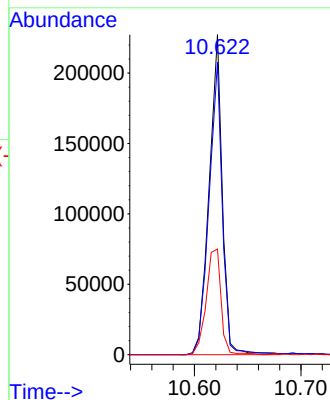
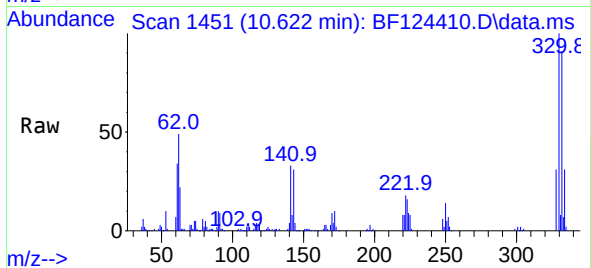




#42  
2,4,6-Tribromophenol  
Concen: 124.676 ng  
RT: 10.622 min Scan# 1451  
Delta R.T. 0.000 min  
Lab File: BF124410.D  
Acq: 22 Jun 2021 14:04

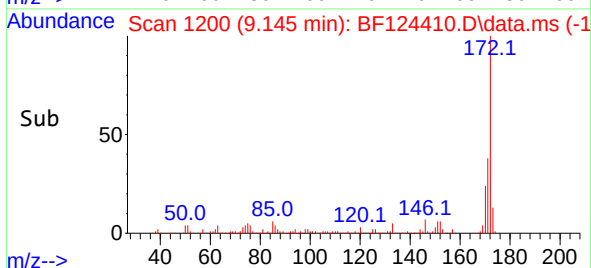
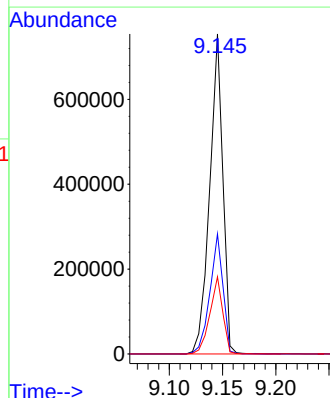
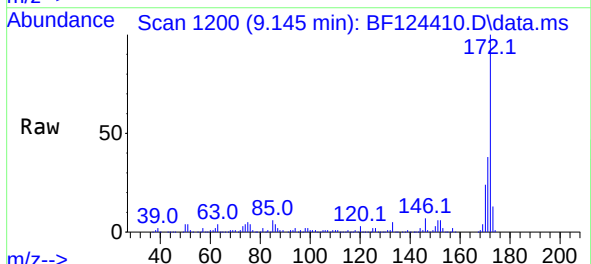
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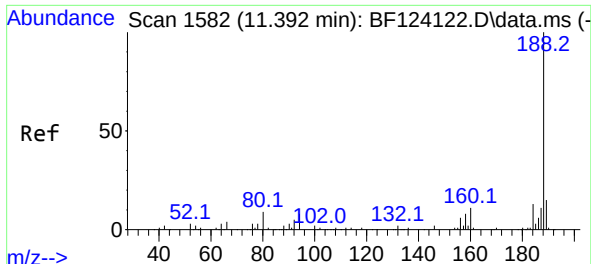
Tgt Ion:330 Resp: 196094  
Ion Ratio Lower Upper  
330 100  
332 92.8 77.1 115.7  
141 37.3 27.9 41.9



#45  
2-Fluorobiphenyl  
Concen: 73.978 ng  
RT: 9.145 min Scan# 1200  
Delta R.T. -0.006 min  
Lab File: BF124410.D  
Acq: 22 Jun 2021 14:04

Tgt Ion:172 Resp: 652653  
Ion Ratio Lower Upper  
172 100  
171 37.5 28.1 42.1  
170 24.1 19.2 28.8

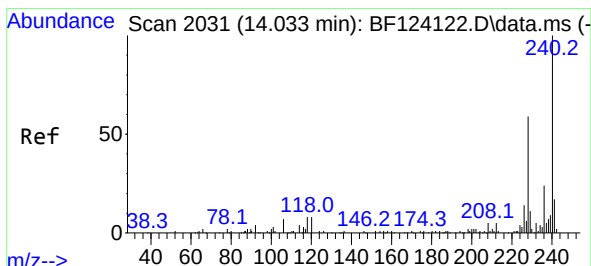
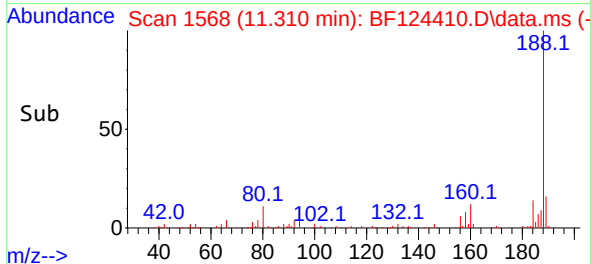
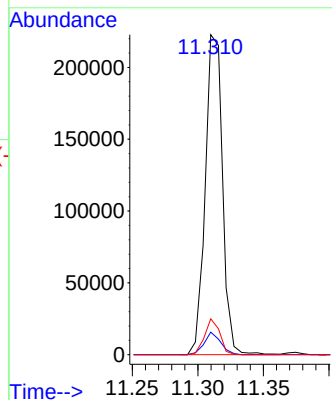
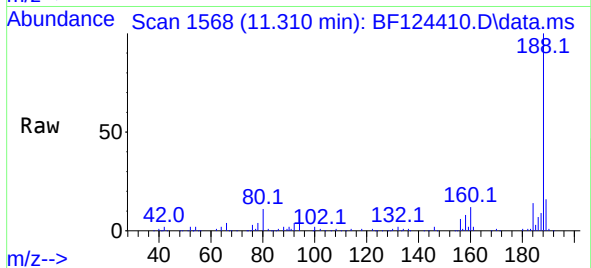




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.310 min Scan# 1568  
Delta R.T. -0.006 min  
Lab File: BF124410.D  
Acq: 22 Jun 2021 14:04

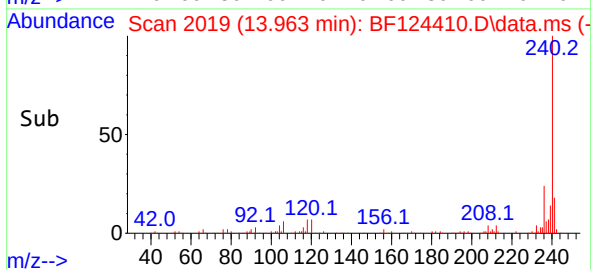
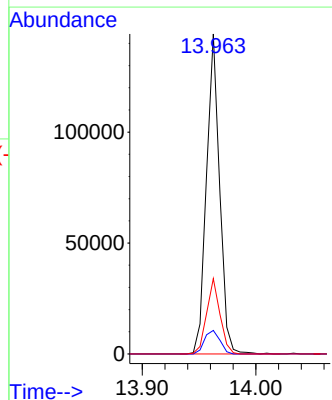
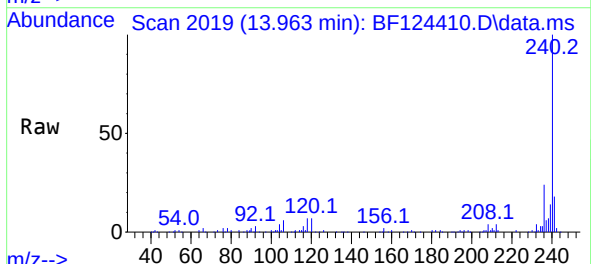
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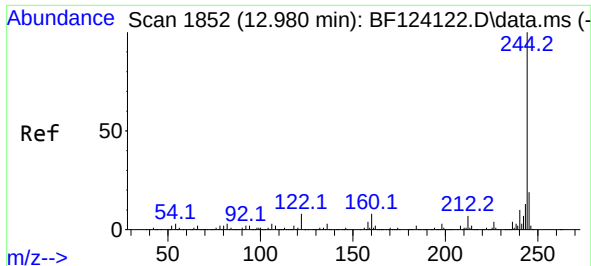
Tgt Ion:188 Resp: 204798  
Ion Ratio Lower Upper  
188 100  
94 7.1 6.9 10.3  
80 11.2 8.2 12.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.963 min Scan# 2019  
Delta R.T. 0.000 min  
Lab File: BF124410.D  
Acq: 22 Jun 2021 14:04

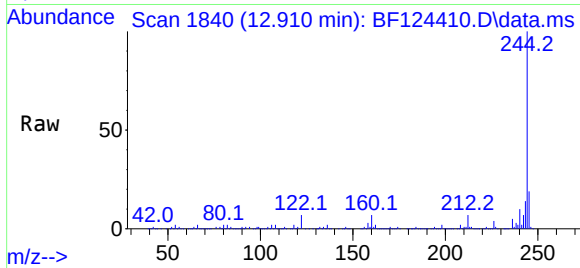
Tgt Ion:240 Resp: 115796  
Ion Ratio Lower Upper  
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236 23.6 19.0 28.4



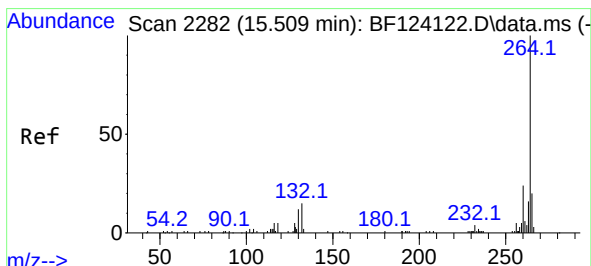
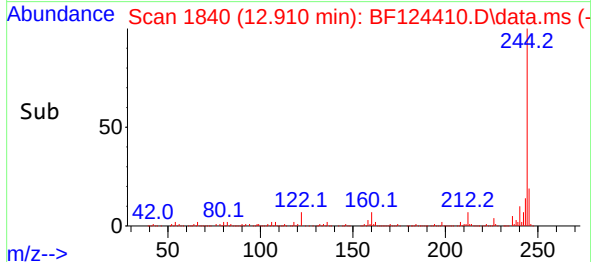
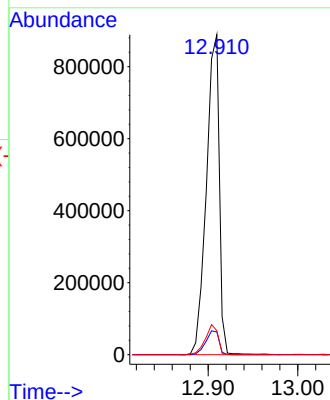


#79  
Terphenyl-d14  
Concen: 105.167 ng  
RT: 12.910 min Scan# 1840  
Delta R.T. 0.006 min  
Lab File: BF124410.D  
Acq: 22 Jun 2021 14:04

Instrument :  
BNA\_F  
ClientSampleId :  
WC SOLIDS DBD



Tgt Ion:244 Resp: 886987  
Ion Ratio Lower Upper  
244 100  
212 7.1 5.7 8.5  
122 7.5 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: BF124410.D  
Acq: 22 Jun 2021 14:04

Tgt Ion:264 Resp: 81271  
Ion Ratio Lower Upper  
264 100  
260 22.6 18.7 28.1  
265 20.2 17.8 26.8

