

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF123021\  
 Data File : BF126443.D  
 Acq On : 31 Dec 2021 3:54  
 Operator : JU/CG  
 Sample : M5244-34 5X  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CONC-12D

Quant Time: Dec 31 05:39:15 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 30 04:30:49 2021  
 Response via : Initial Calibration

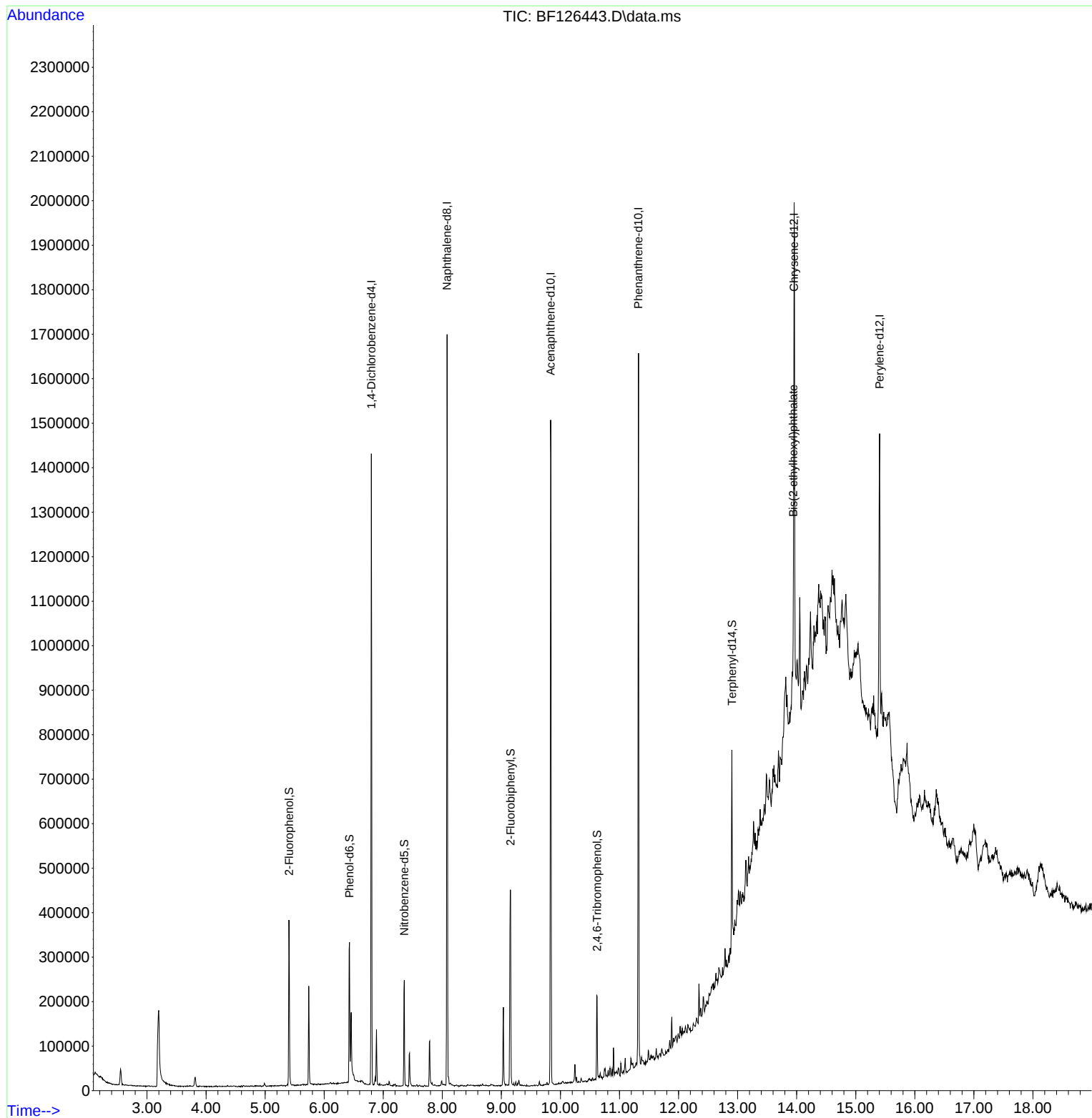
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min)  |
|-------------------------------|--------|------|----------|--------|-------|-----------|
| -----                         |        |      |          |        |       |           |
| Internal Standards            |        |      |          |        |       |           |
| 1) 1,4-Dichlorobenzene-d4     | 6.798  | 152  | 190799   | 20.000 | ng    | 0.00      |
| 21) Naphthalene-d8            | 8.081  | 136  | 704884   | 20.000 | ng    | 0.00      |
| 39) Acenaphthene-d10          | 9.833  | 164  | 308627   | 20.000 | ng    | 0.00      |
| 64) Phenanthrene-d10          | 11.322 | 188  | 544047   | 20.000 | ng    | 0.00      |
| 76) Chrysene-d12              | 13.957 | 240  | 412909   | 20.000 | ng    | 0.00      |
| 86) Perylene-d12              | 15.404 | 264  | 312545   | 20.000 | ng    | 0.00      |
| System Monitoring Compounds   |        |      |          |        |       |           |
| 5) 2-Fluorophenol             | 5.404  | 112  | 106063   | 7.983  | ng    | 0.00      |
| 7) Phenol-d6                  | 6.428  | 99   | 121291   | 7.048  | ng    | 0.00      |
| 23) Nitrobenzene-d5           | 7.357  | 82   | 72990    | 5.317  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol      | 10.622 | 330  | 21909    | 9.187  | ng    | 0.00      |
| 45) 2-Fluorobiphenyl          | 9.157  | 172  | 120637   | 6.878  | ng    | 0.00      |
| 79) Terphenyl-d14             | 12.904 | 244  | 130244   | 6.129  | ng    | 0.00      |
| Target Compounds              |        |      |          |        |       |           |
| 84) Bis(2-ethylhexyl)phtha... | 13.945 | 149  | 55610    | 3.470  | ng    | Qvalue 96 |
| -----                         |        |      |          |        |       |           |

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

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Sample : M5244-34 5X  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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Quant Time: Dec 31 05:39:15 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122921.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 30 04:30:49 2021  
Response via : Initial Calibration

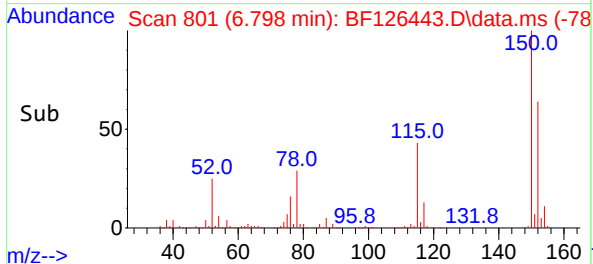
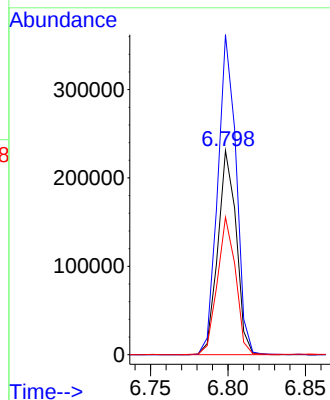
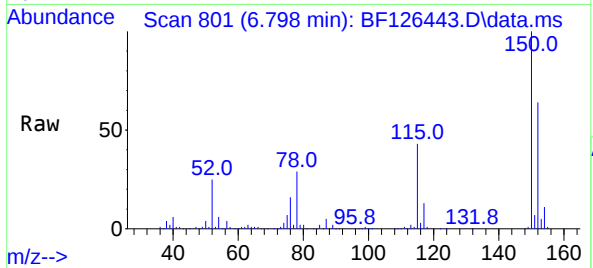




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.798 min Scan# 801  
Delta R.T. 0.000 min  
Lab File: BF126443.D  
Acq: 31 Dec 2021 3:54

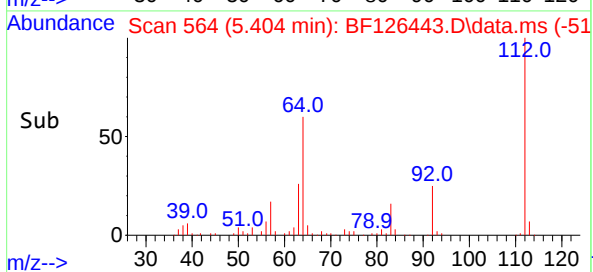
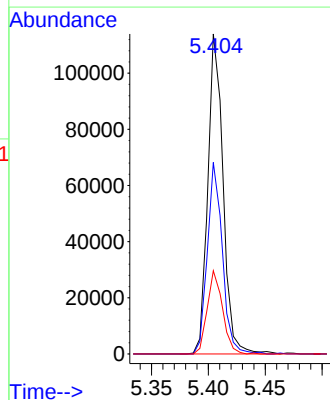
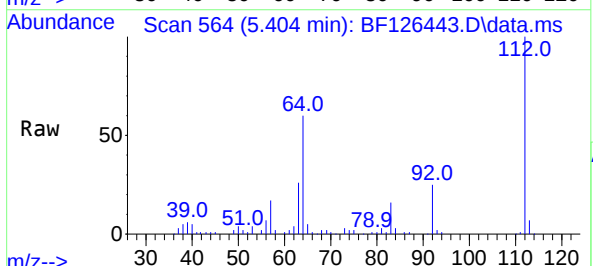
Instrument :  
BNA\_F  
ClientSampleId :  
CONC-12D

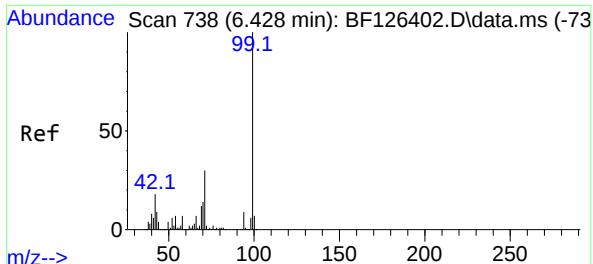
Tgt Ion:152 Resp: 190799  
Ion Ratio Lower Upper  
152 100  
150 156.7 128.1 192.1  
115 67.3 56.7 85.1



#5  
2-Fluorophenol  
Concen: 7.983 ng  
RT: 5.404 min Scan# 564  
Delta R.T. 0.000 min  
Lab File: BF126443.D  
Acq: 31 Dec 2021 3:54

Tgt Ion:112 Resp: 106063  
Ion Ratio Lower Upper  
112 100  
64 59.8 49.5 74.3  
63 26.0 23.9 35.9

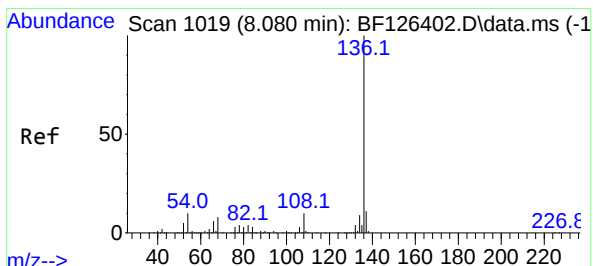
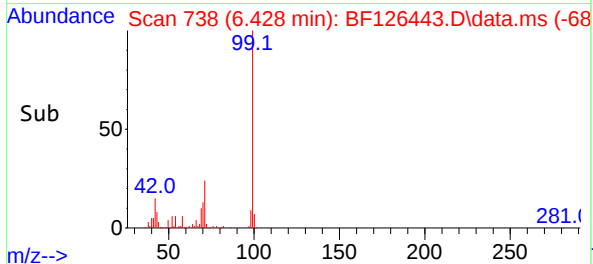
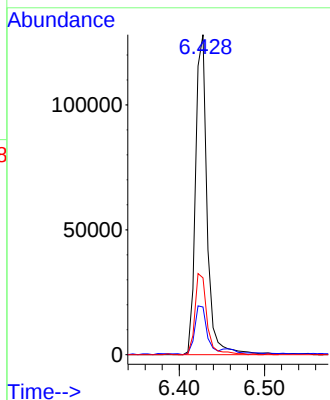
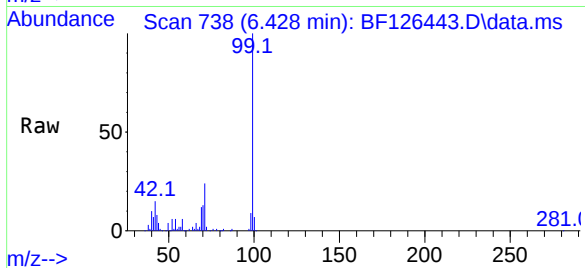




#7  
Phenol-d6  
Concen: 7.048 ng  
RT: 6.428 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF126443.D  
Acq: 31 Dec 2021 3:54

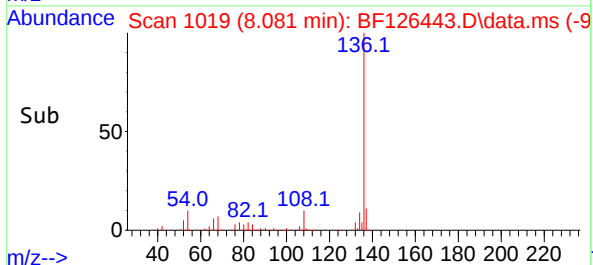
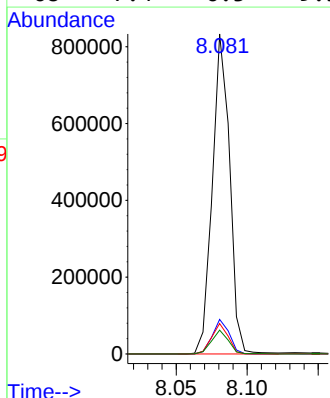
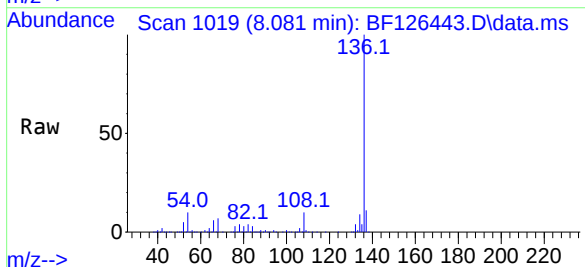
Instrument :  
BNA\_F  
ClientSampleId :  
CONC-12D

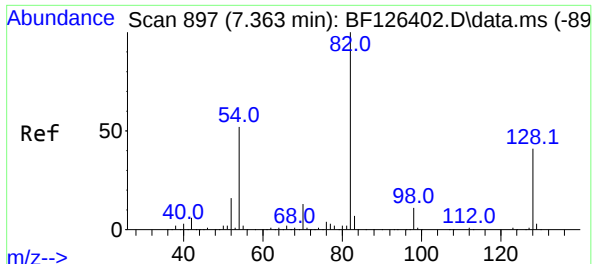
Tgt Ion: 99 Resp: 121291  
Ion Ratio Lower Upper  
99 100  
42 14.9 14.2 21.4  
71 24.0 24.3 36.5#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.081 min Scan# 1019  
Delta R.T. 0.000 min  
Lab File: BF126443.D  
Acq: 31 Dec 2021 3:54

Tgt Ion: 136 Resp: 704884  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 13.0  
54 9.5 7.8 11.6  
68 7.4 6.3 9.5

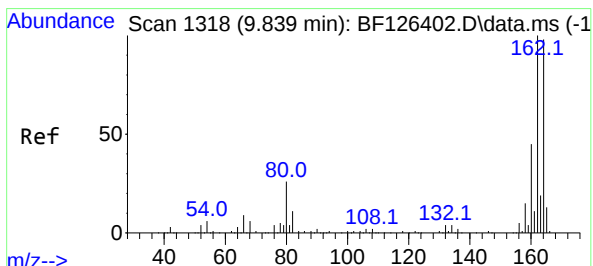
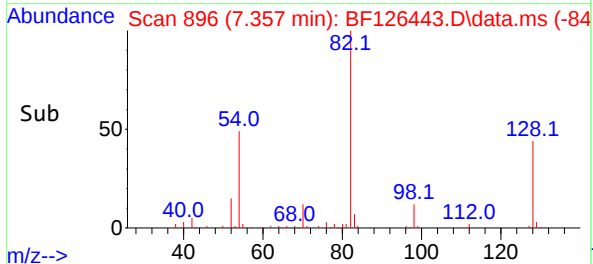
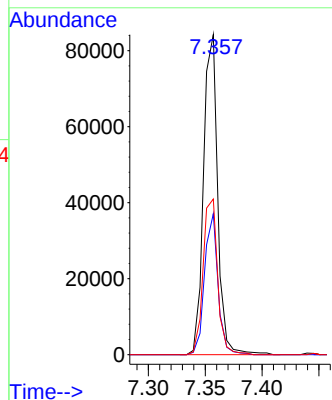
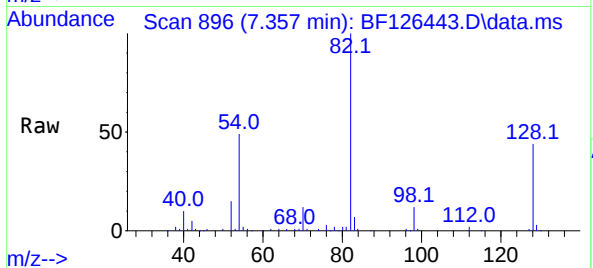




#23  
Nitrobenzene-d5  
Concen: 5.317 ng  
RT: 7.357 min Scan# 89  
Delta R.T. -0.006 min  
Lab File: BF126443.D  
Acq: 31 Dec 2021 3:54

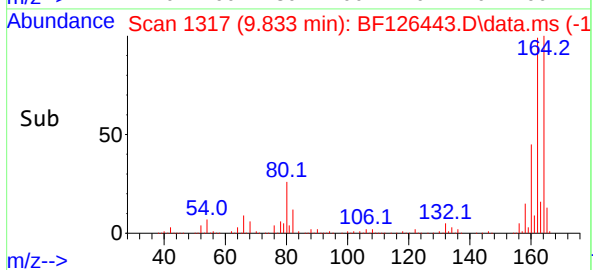
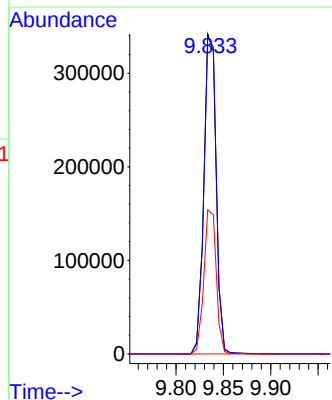
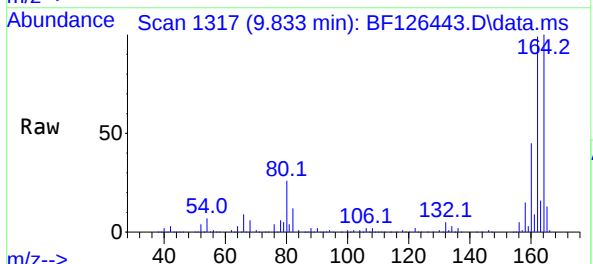
Instrument :  
BNA\_F  
ClientSampleId :  
CONC-12D

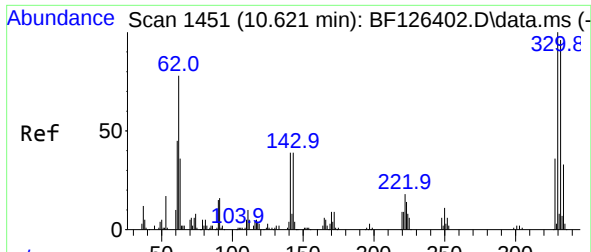
Tgt Ion: 82 Resp: 72990  
Ion Ratio Lower Upper  
82 100  
128 44.0 32.7 49.1  
54 48.6 41.7 62.5



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.833 min Scan# 1317  
Delta R.T. -0.006 min  
Lab File: BF126443.D  
Acq: 31 Dec 2021 3:54

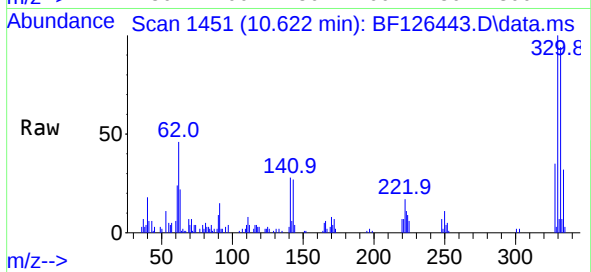
Tgt Ion:164 Resp: 308627  
Ion Ratio Lower Upper  
164 100  
162 99.0 81.4 122.0  
160 45.0 36.6 54.8



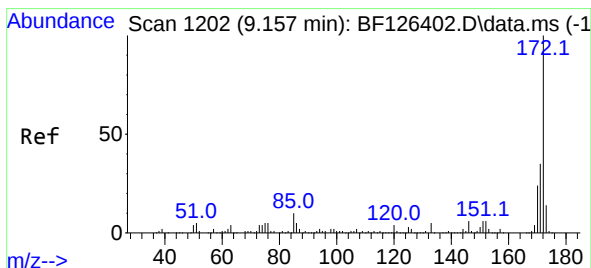
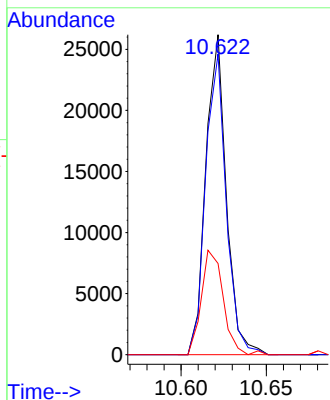
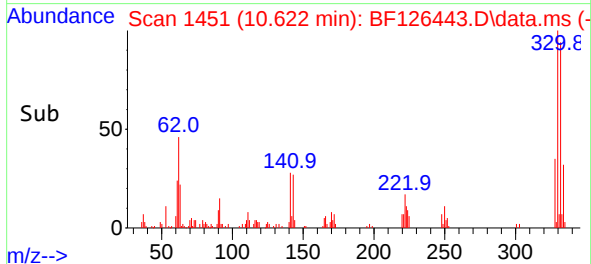


#42  
2,4,6-Tribromophenol  
Concen: 9.187 ng  
RT: 10.622 min Scan# 1451  
Delta R.T. 0.000 min  
Lab File: BF126443.D  
Acq: 31 Dec 2021 3:54

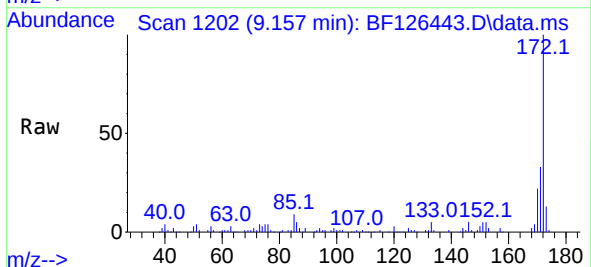
Instrument :  
BNA\_F  
ClientSampleId :  
CONC-12D



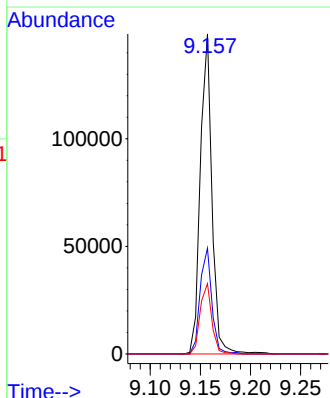
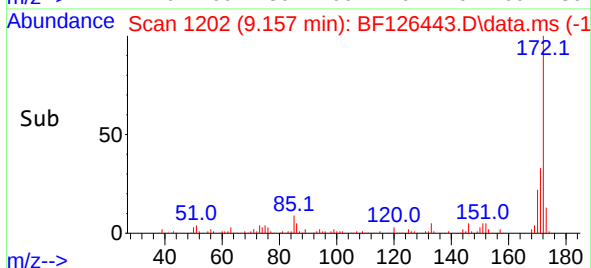
Tgt Ion:330 Resp: 21909  
Ion Ratio Lower Upper  
330 100  
332 94.6 76.0 114.0  
141 34.9 30.1 45.1



#45  
2-Fluorobiphenyl  
Concen: 6.878 ng  
RT: 9.157 min Scan# 1202  
Delta R.T. 0.000 min  
Lab File: BF126443.D  
Acq: 31 Dec 2021 3:54



Tgt Ion:172 Resp: 120637  
Ion Ratio Lower Upper  
172 100  
171 33.1 28.3 42.5  
170 22.0 19.0 28.6

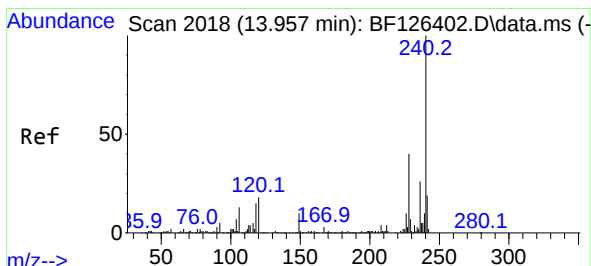
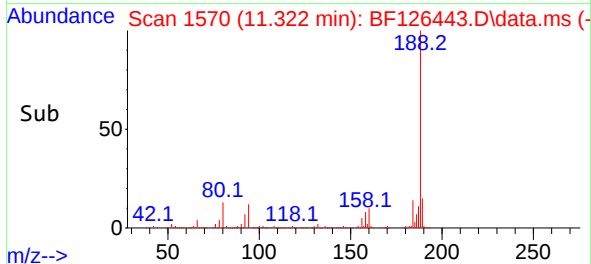
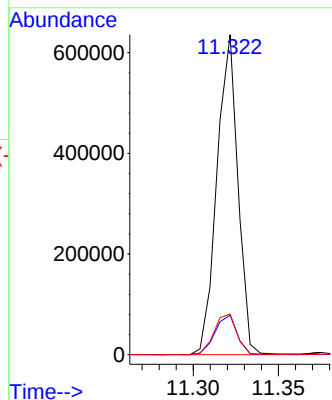
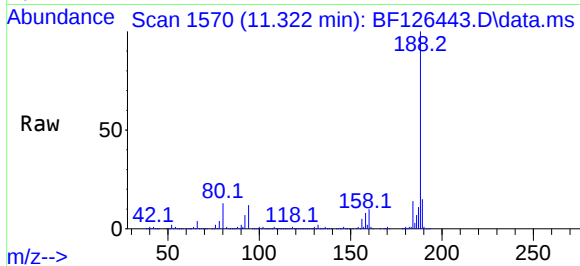




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.322 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF126443.D  
Acq: 31 Dec 2021 3:54

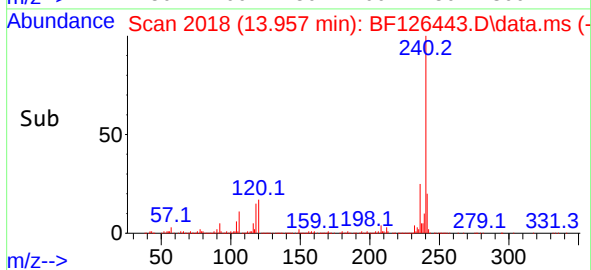
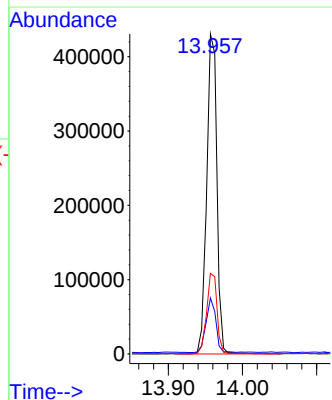
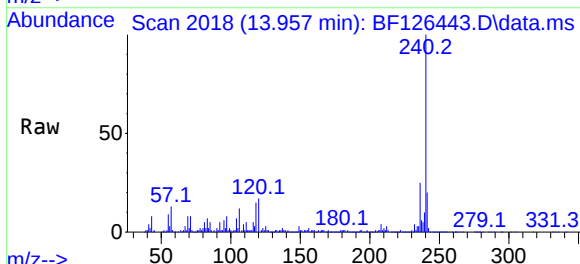
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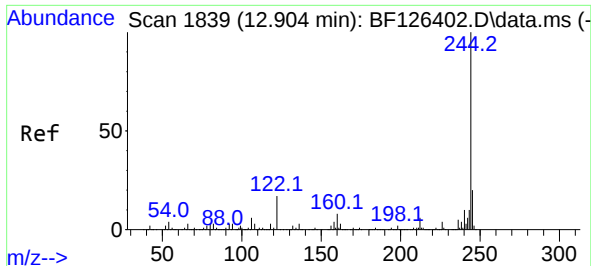
Tgt Ion:188 Resp: 544047  
Ion Ratio Lower Upper  
188 100  
94 12.4 10.1 15.1  
80 12.7 11.8 17.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.957 min Scan# 2018  
Delta R.T. 0.000 min  
Lab File: BF126443.D  
Acq: 31 Dec 2021 3:54

Tgt Ion:240 Resp: 412909  
Ion Ratio Lower Upper  
240 100  
120 17.5 14.4 21.6  
236 25.2 20.5 30.7

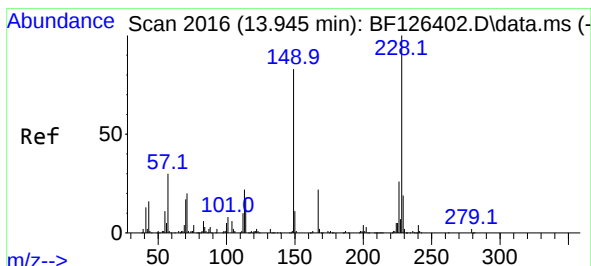
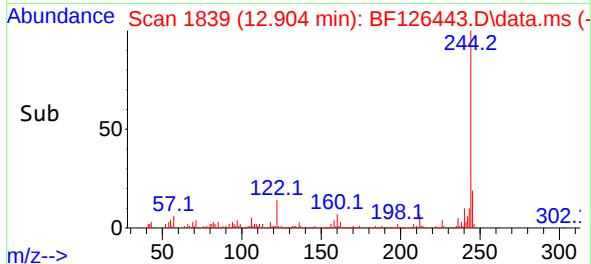
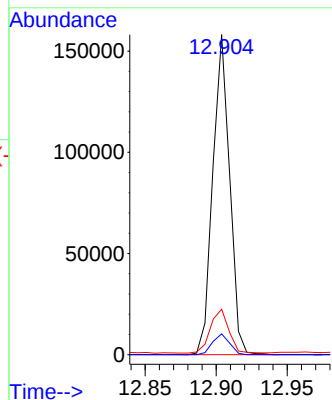
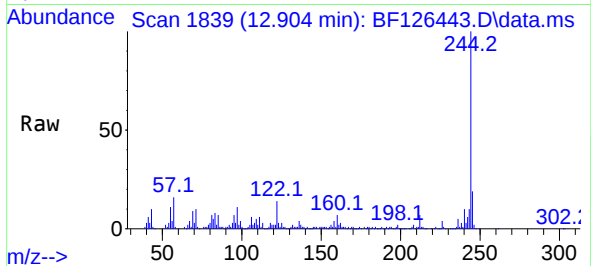




#79  
 Terphenyl-d14  
 Concen: 6.129 ng  
 RT: 12.904 min Scan# 1839  
 Delta R.T. 0.000 min  
 Lab File: BF126443.D  
 Acq: 31 Dec 2021 3:54

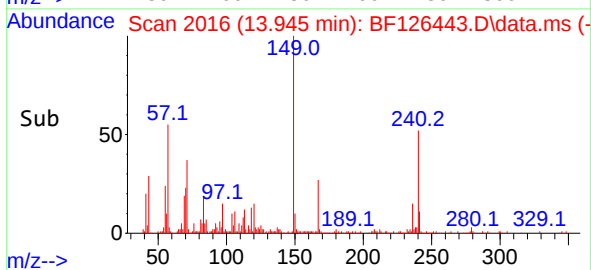
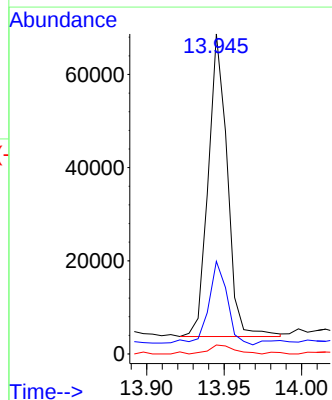
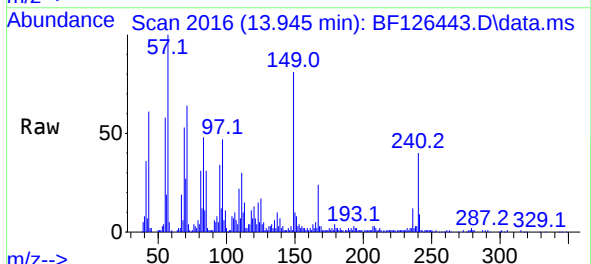
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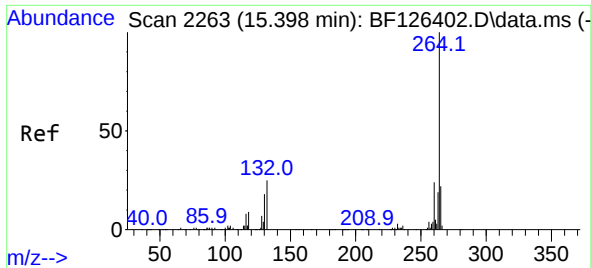
Tgt Ion:244 Resp: 130244  
 Ion Ratio Lower Upper  
 244 100  
 212 6.5 5.0 7.4  
 122 14.2 13.3 19.9



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 3.470 ng  
 RT: 13.945 min Scan# 2016  
 Delta R.T. 0.000 min  
 Lab File: BF126443.D  
 Acq: 31 Dec 2021 3:54

Tgt Ion:149 Resp: 55610  
 Ion Ratio Lower Upper  
 149 100  
 167 28.9 21.4 32.2  
 279 2.8 2.4 3.6





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.404 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: BF126443.D  
 Acq: 31 Dec 2021 3:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CONC-12D

Tgt Ion:264 Resp: 312545  
 Ion Ratio Lower Upper  
 264 100  
 260 23.3 19.2 28.8  
 265 21.5 17.4 26.2

