

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032222\  
 Data File : BF127458.D  
 Acq On : 22 Mar 2022 18:18  
 Operator : CG\JU  
 Sample : N1905-18  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-14A-1A-4

Quant Time: Mar 23 03:01:59 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF032122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 22 02:16:33 2022  
 Response via : Initial Calibration

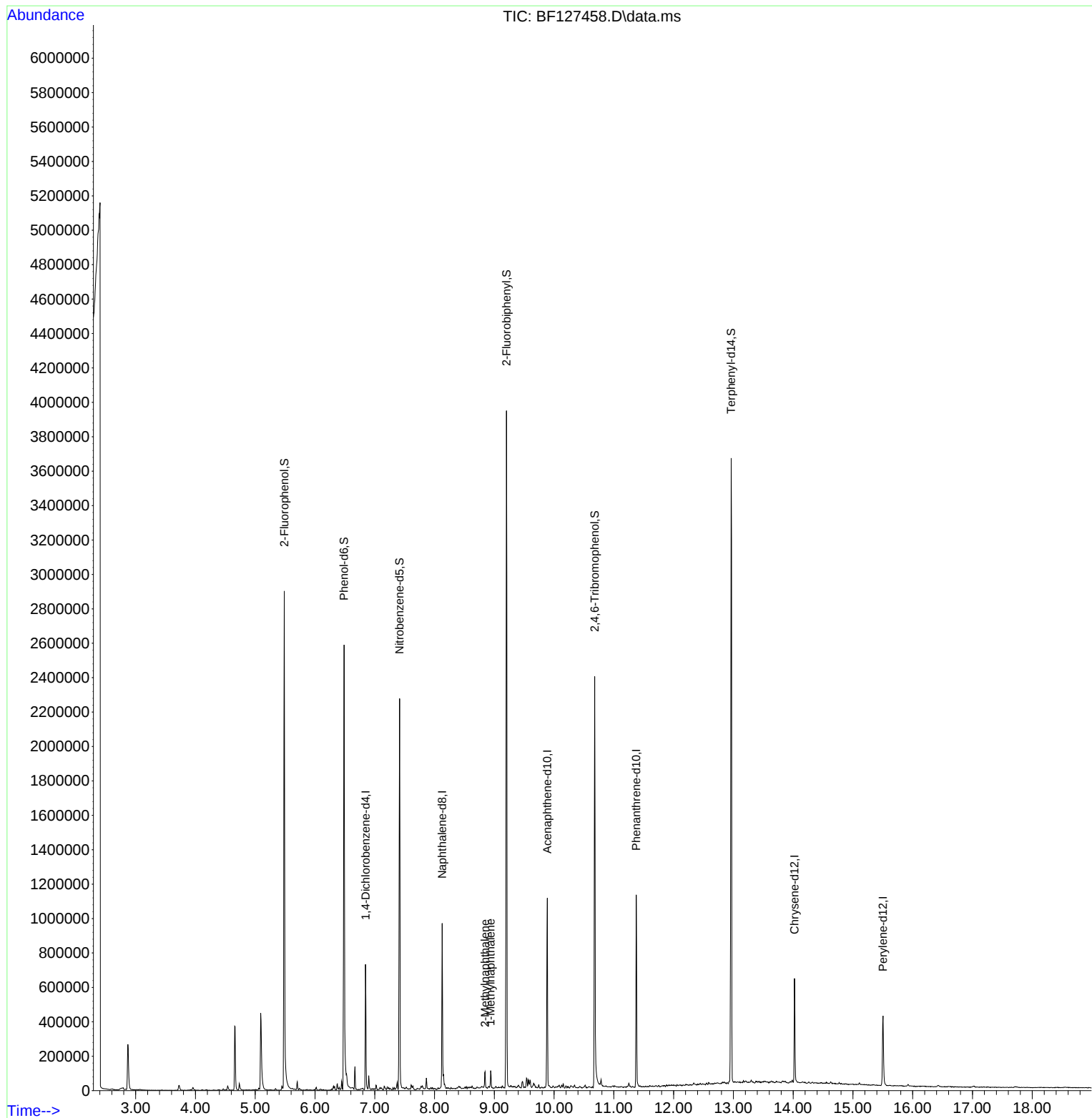
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.845  | 152  | 97343    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.128  | 136  | 364386   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.886  | 164  | 214805   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.374 | 188  | 384930   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.021 | 240  | 210956   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.504 | 264  | 192760   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.487  | 112  | 738721   | 121.135 | ng    | 0.02     |
| 7) Phenol-d6                | 6.487  | 99   | 917544   | 110.071 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.416  | 82   | 756378   | 88.730  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.680 | 330  | 304112   | 132.903 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.204  | 172  | 1279412  | 86.974  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.963 | 244  | 1415476  | 109.841 | ng    | 0.00     |
| Target Compounds            |        |      |          |         |       |          |
| 37) 2-Methylnaphthalene     | 8.845  | 142  | 25978    | 2.088   | ng    | 99       |
| 38) 1-Methylnaphthalene     | 8.939  | 142  | 24747    | 2.012   | ng    | 93       |
| -----                       |        |      |          |         |       |          |

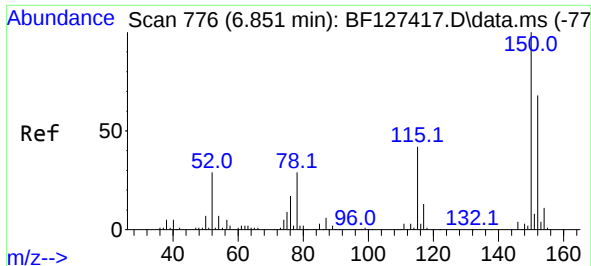
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA\_F  
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WC-14A-1A-4

Quant Time: Mar 23 03:01:59 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF032122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Mar 22 02:16:33 2022  
Response via : Initial Calibration

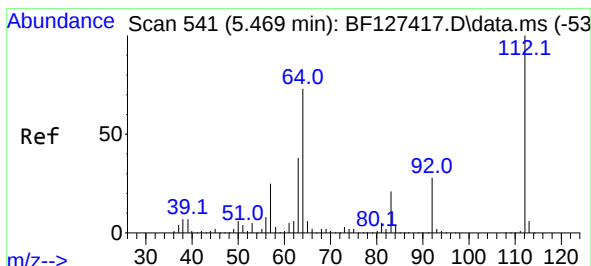
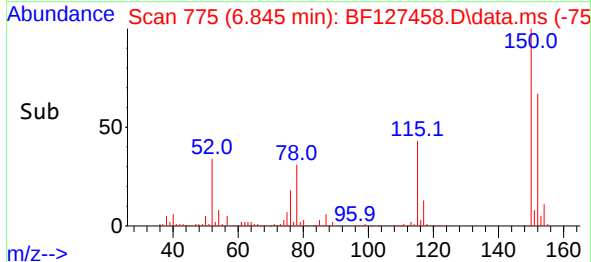
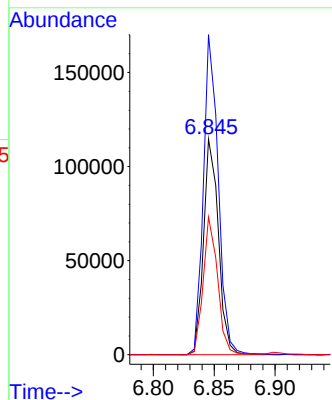
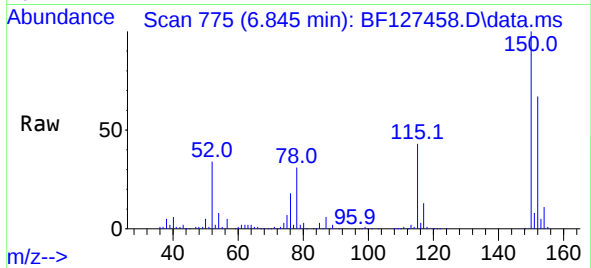




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.845 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF127458.D  
Acq: 22 Mar 2022 18:18

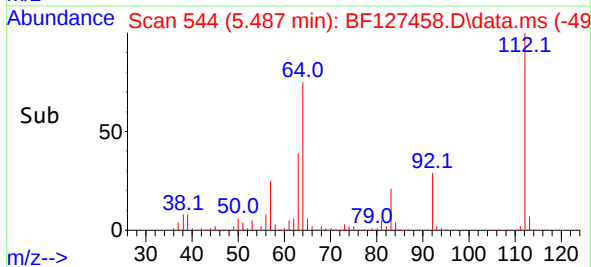
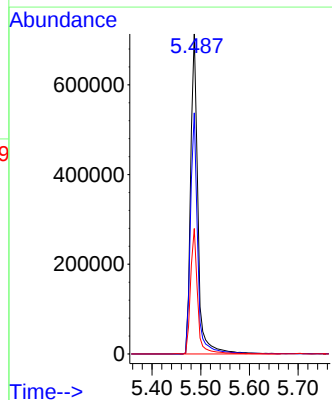
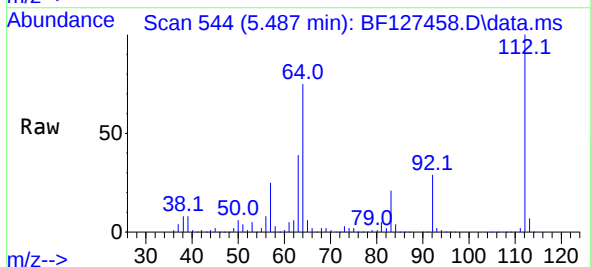
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BNA\_F  
ClientSampleId :  
WC-14A-1A-4

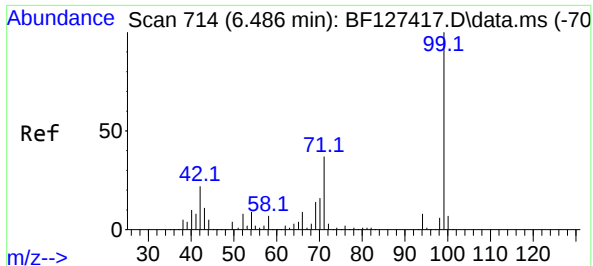
Tgt Ion:152 Resp: 97343  
Ion Ratio Lower Upper  
152 100  
150 148.4 117.2 175.8  
115 63.8 49.8 74.6



#5  
2-Fluorophenol  
Concen: 121.135 ng  
RT: 5.487 min Scan# 544  
Delta R.T. 0.018 min  
Lab File: BF127458.D  
Acq: 22 Mar 2022 18:18

Tgt Ion:112 Resp: 738721  
Ion Ratio Lower Upper  
112 100  
64 75.3 58.4 87.6  
63 39.2 30.1 45.1

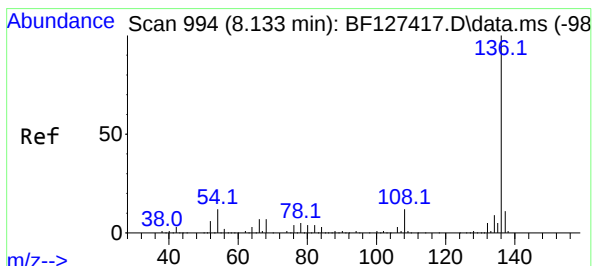
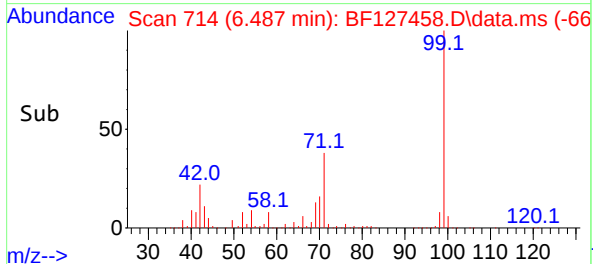
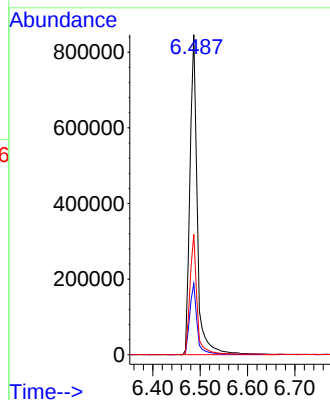
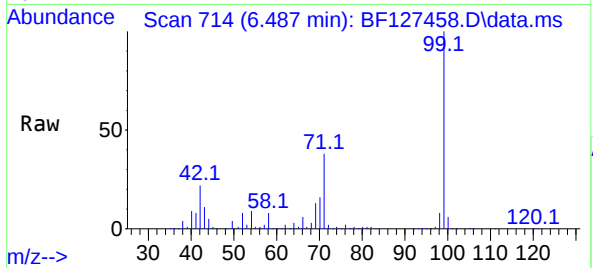




#7  
Phenol-d6  
Concen: 110.071 ng  
RT: 6.487 min Scan# 714  
Delta R.T. 0.000 min  
Lab File: BF127458.D  
Acq: 22 Mar 2022 18:18

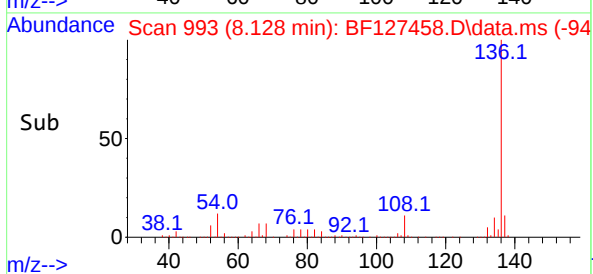
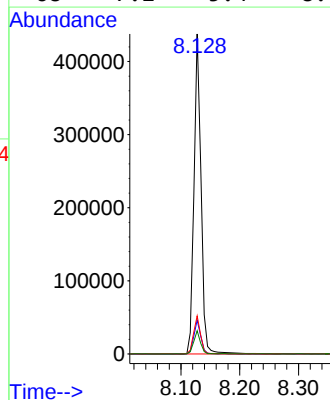
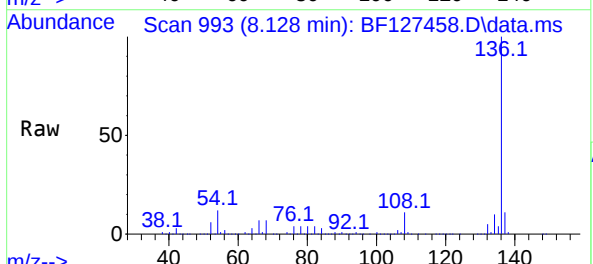
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-4

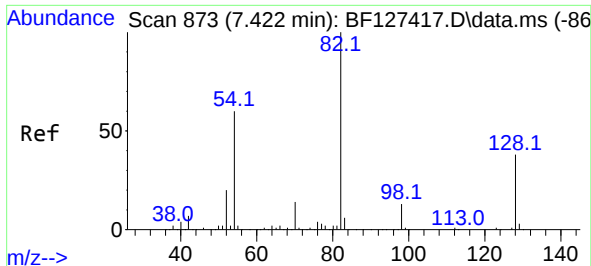
Tgt Ion: 99 Resp: 917544  
Ion Ratio Lower Upper  
99 100  
42 22.2 17.8 26.6  
71 37.6 29.6 44.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.128 min Scan# 993  
Delta R.T. -0.006 min  
Lab File: BF127458.D  
Acq: 22 Mar 2022 18:18

Tgt Ion: 136 Resp: 364386  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.6 13.0  
54 11.9 9.2 13.8  
68 7.2 5.4 8.0

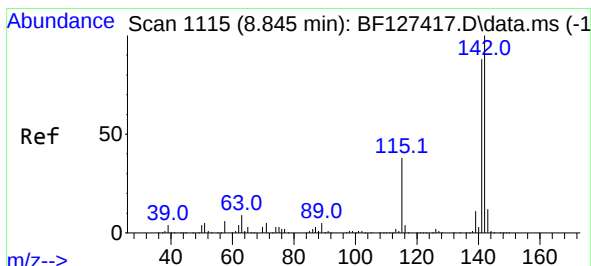
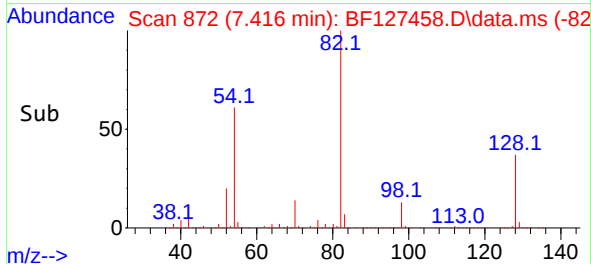
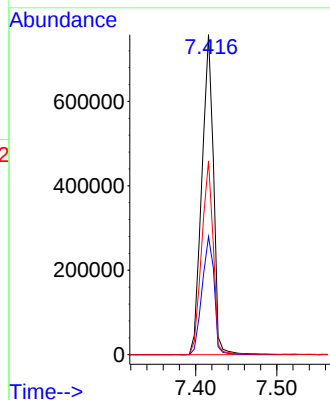
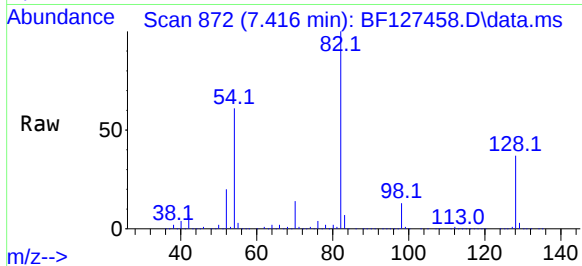




#23  
Nitrobenzene-d5  
Concen: 88.730 ng  
RT: 7.416 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF127458.D  
Acq: 22 Mar 2022 18:18

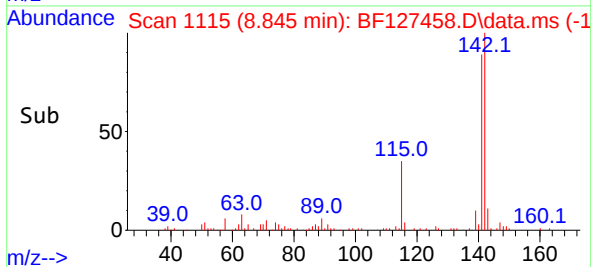
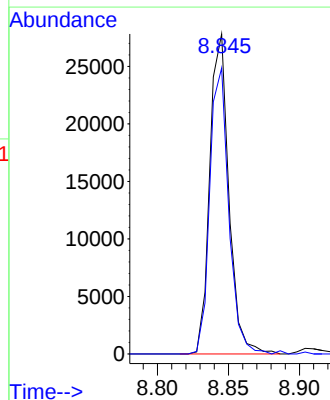
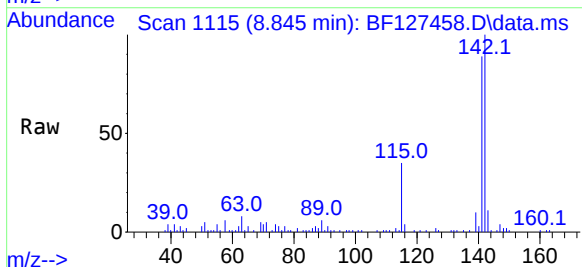
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-4

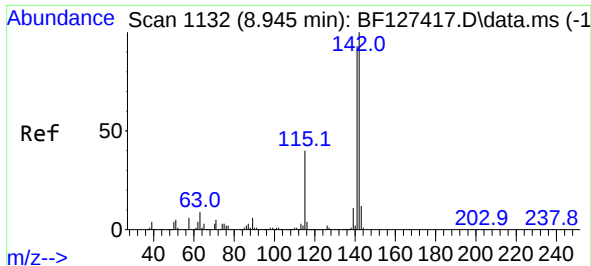
Tgt Ion: 82 Resp: 756378  
Ion Ratio Lower Upper  
82 100  
128 36.9 30.6 45.8  
54 60.6 48.2 72.2



#37  
2-Methylnaphthalene  
Concen: 2.088 ng  
RT: 8.845 min Scan# 1115  
Delta R.T. 0.000 min  
Lab File: BF127458.D  
Acq: 22 Mar 2022 18:18

Tgt Ion: 142 Resp: 25978  
Ion Ratio Lower Upper  
142 100  
141 89.3 70.6 106.0

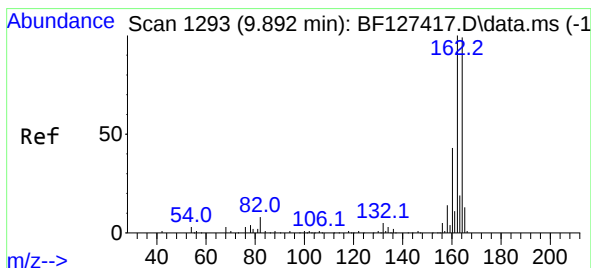
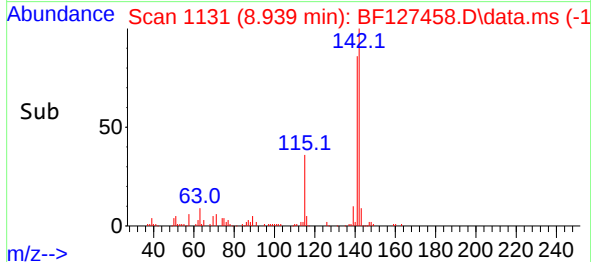
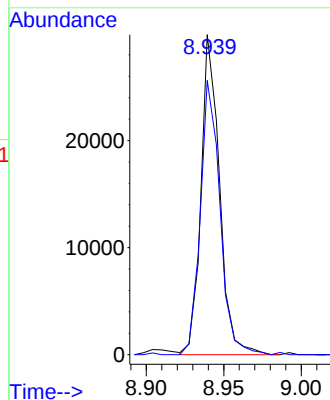
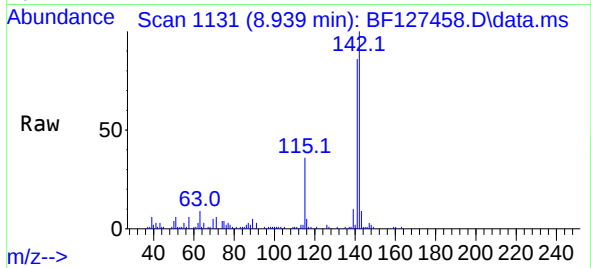




#38  
1-Methylnaphthalene  
Concen: 2.012 ng  
RT: 8.939 min Scan# 1132  
Delta R.T. -0.006 min  
Lab File: BF127458.D  
Acq: 22 Mar 2022 18:18

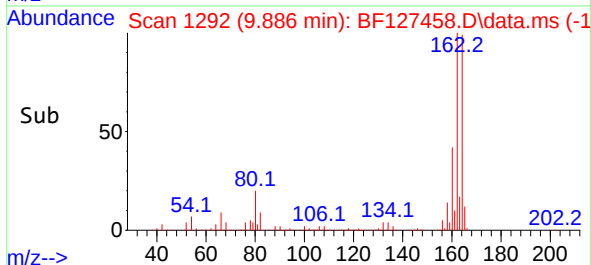
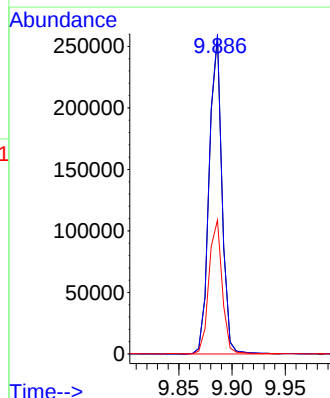
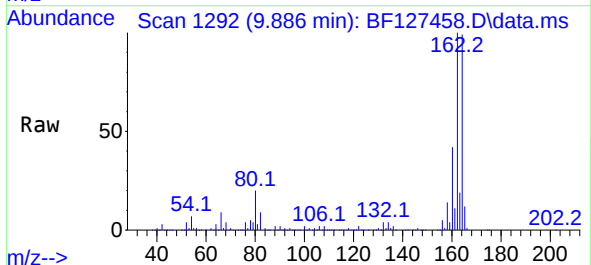
Instrument :  
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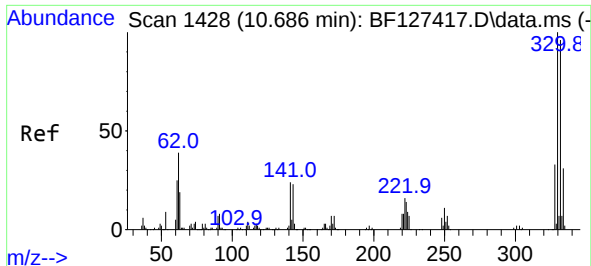
Tgt Ion:142 Resp: 24747  
Ion Ratio Lower Upper  
142 100  
141 85.7 74.2 111.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.886 min Scan# 1292  
Delta R.T. -0.006 min  
Lab File: BF127458.D  
Acq: 22 Mar 2022 18:18

Tgt Ion:164 Resp: 214805  
Ion Ratio Lower Upper  
164 100  
162 101.0 81.2 121.8  
160 42.3 34.6 52.0

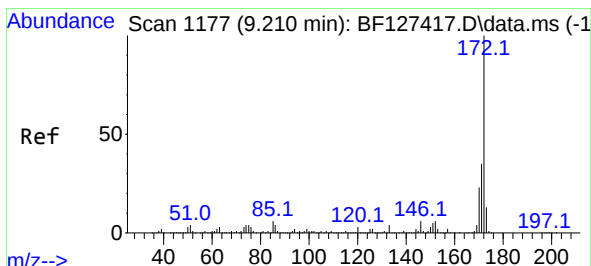
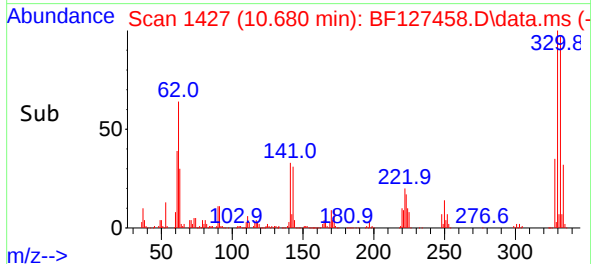
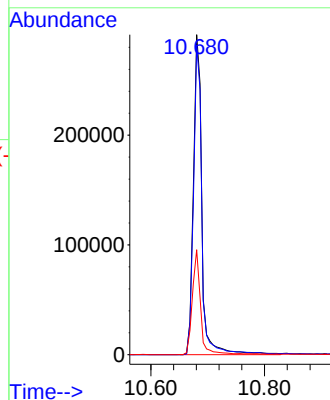
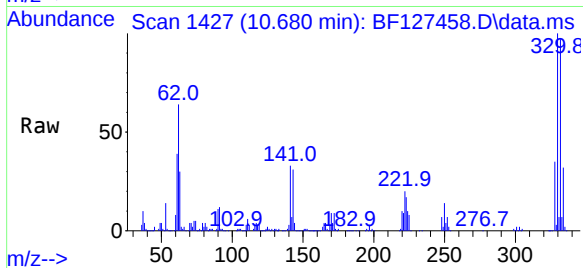




#42  
2,4,6-Tribromophenol  
Concen: 132.903 ng  
RT: 10.680 min Scan# 1428  
Delta R.T. -0.006 min  
Lab File: BF127458.D  
Acq: 22 Mar 2022 18:18

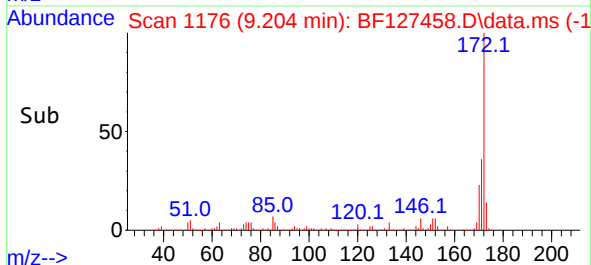
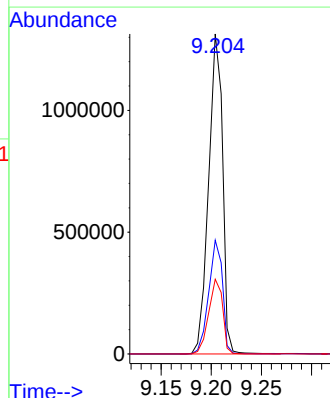
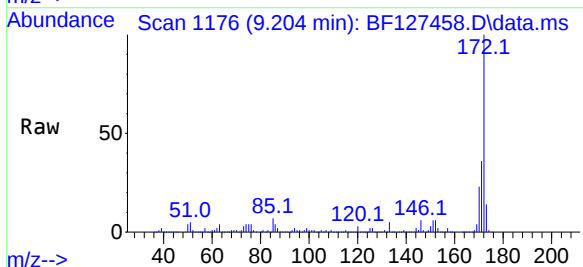
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WC-14A-1A-4

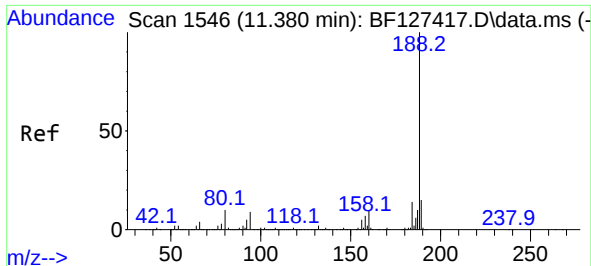
Tgt Ion:330 Resp: 304112  
Ion Ratio Lower Upper  
330 100  
332 95.7 79.1 118.7  
141 31.8 26.2 39.4



#45  
2-Fluorobiphenyl  
Concen: 86.974 ng  
RT: 9.204 min Scan# 1176  
Delta R.T. -0.006 min  
Lab File: BF127458.D  
Acq: 22 Mar 2022 18:18

Tgt Ion:172 Resp: 1279412  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.4 42.6  
170 23.3 18.6 27.8

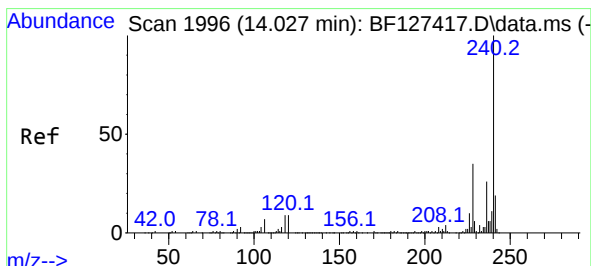
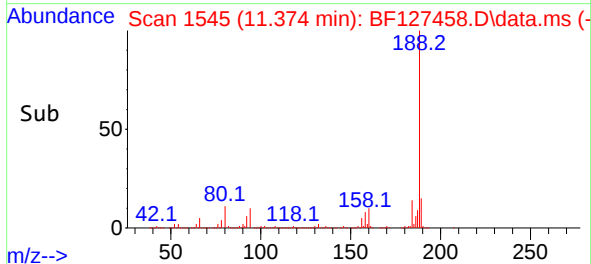
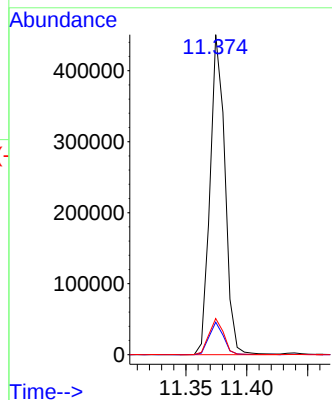
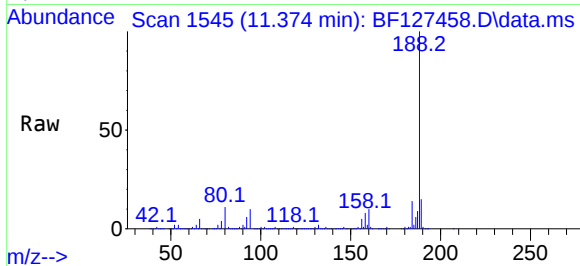




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.374 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF127458.D  
Acq: 22 Mar 2022 18:18

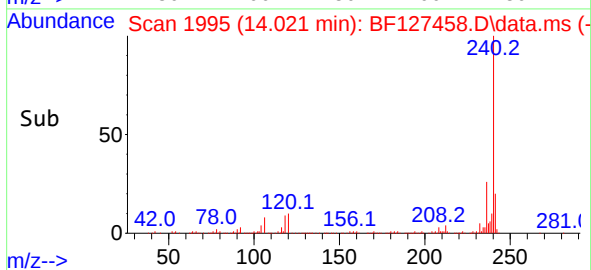
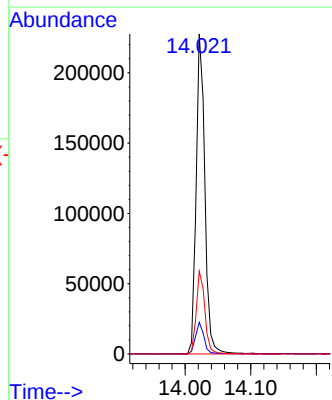
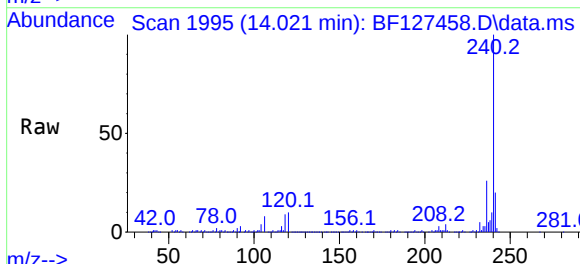
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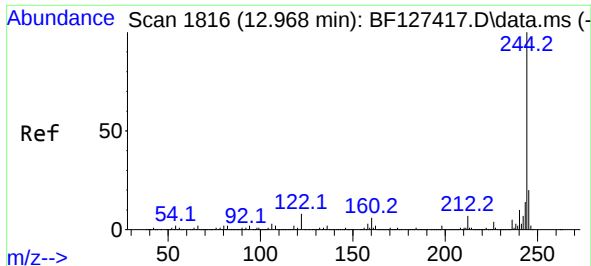
Tgt Ion:188 Resp: 384930  
Ion Ratio Lower Upper  
188 100  
94 10.2 7.4 11.0  
80 11.3 8.0 12.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.021 min Scan# 1995  
Delta R.T. -0.006 min  
Lab File: BF127458.D  
Acq: 22 Mar 2022 18:18

Tgt Ion:240 Resp: 210956  
Ion Ratio Lower Upper  
240 100  
120 9.9 7.1 10.7  
236 25.9 20.7 31.1

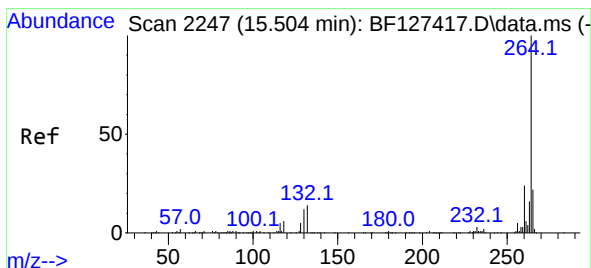
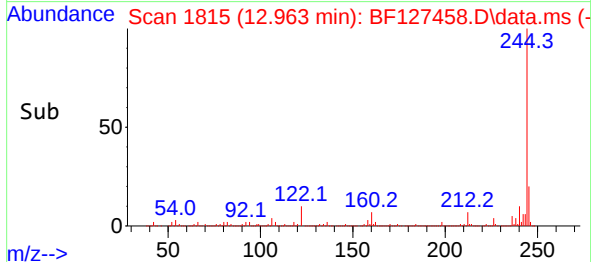
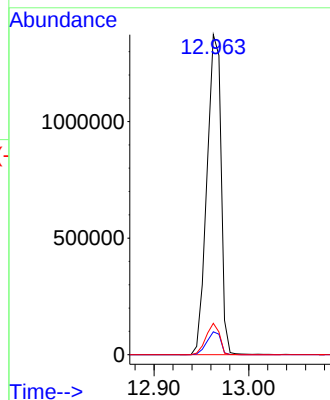
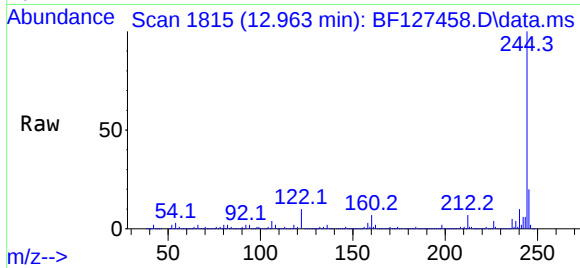




#79  
 Terphenyl-d14  
 Concen: 109.841 ng  
 RT: 12.963 min Scan# 1816  
 Delta R.T. -0.006 min  
 Lab File: BF127458.D  
 Acq: 22 Mar 2022 18:18

Instrument :  
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 ClientSampleId :  
 WC-14A-1A-4

Tgt Ion:244 Resp: 1415476  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.7 8.5  
 122 9.8 6.2 9.2#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.504 min Scan# 2247  
 Delta R.T. 0.000 min  
 Lab File: BF127458.D  
 Acq: 22 Mar 2022 18:18

Tgt Ion:264 Resp: 192760  
 Ion Ratio Lower Upper  
 264 100  
 260 22.6 19.1 28.7  
 265 20.3 17.4 26.2

