

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101221\  
 Data File : BF125800.D  
 Acq On : 12 Oct 2021 14:10  
 Operator : JU/CG  
 Sample : M4077-09  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CC-33

Quant Time: Oct 12 16:27:24 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF100721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 07 17:16:23 2021  
 Response via : Initial Calibration

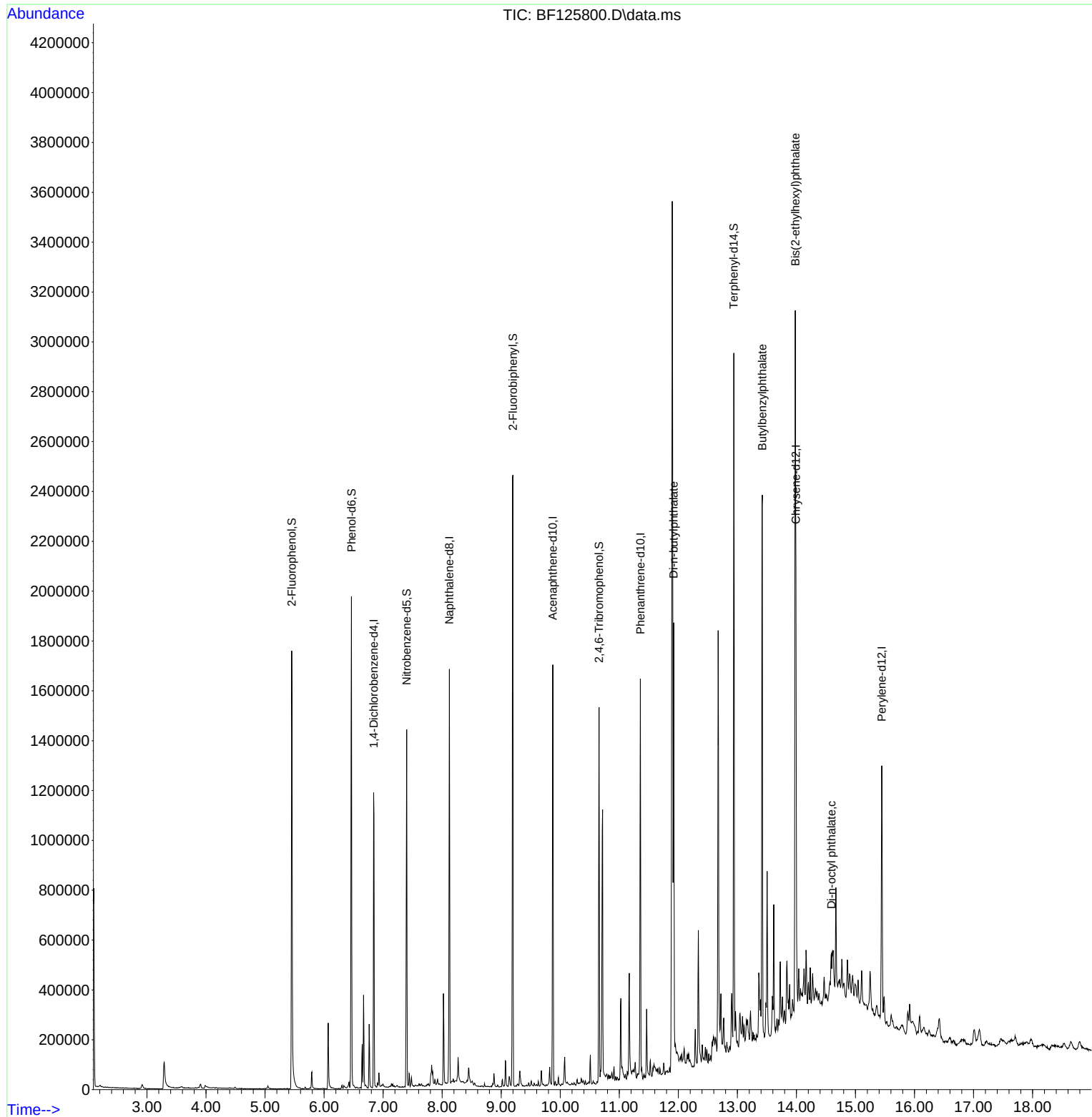
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.839  | 152  | 184869   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.122  | 136  | 671687   | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.874  | 164  | 314124   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.357 | 188  | 528299   | 20.00 | ng    | # 0.00   |
| 76) Chrysene-d12              | 13.992 | 240  | 492059   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12              | 15.445 | 264  | 433086   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.451  | 112  | 595027   | 52.58 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.463  | 99   | 661033   | 45.38 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.398  | 82   | 396722   | 36.71 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.657 | 330  | 166586   | 53.71 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.198  | 172  | 771908   | 42.38 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.939 | 244  | 880883   | 27.27 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 74) Di-n-butylphthalate       | 11.921 | 149  | 746321   | 25.73 | ng    | 98       |
| 80) Butylbenzylphthalate      | 13.421 | 149  | 553373   | 34.54 | ng    | 94       |
| 84) Bis(2-ethylhexyl)phtha... | 13.980 | 149  | 768583   | 44.08 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 14.592 | 149  | 140714   | 4.84  | ng    | # 82     |

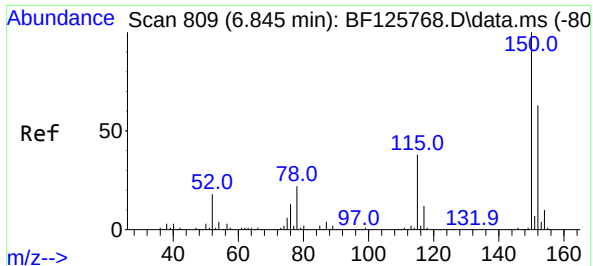
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101221\  
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Sample : M4077-09  
Misc :  
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Instrument :  
BNA\_F  
ClientSampleId :  
CC-33

Quant Time: Oct 12 16:27:24 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF100721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 07 17:16:23 2021  
Response via : Initial Calibration

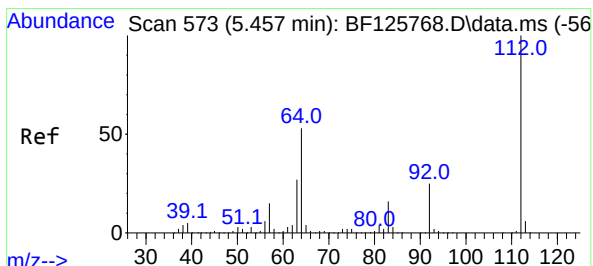
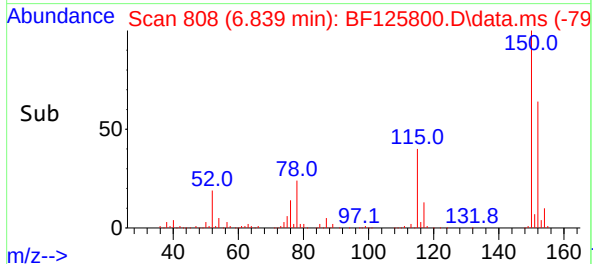
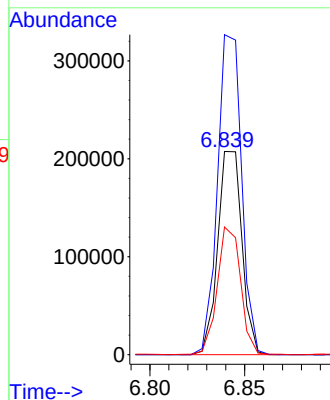
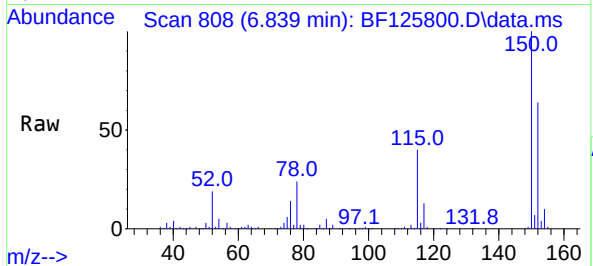




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.839 min Scan# 808  
Delta R.T. -0.006 min  
Lab File: BF125800.D  
Acq: 12 Oct 2021 14:10

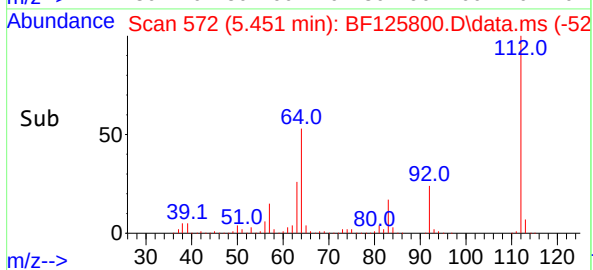
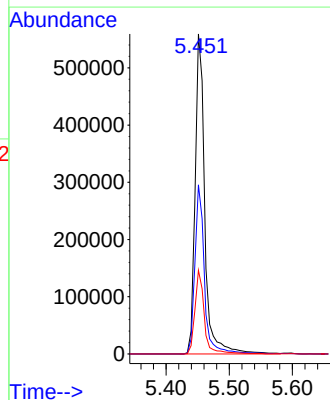
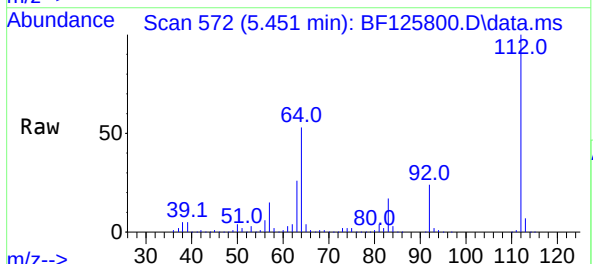
Instrument :  
BNA\_F  
ClientSampleId :  
CC-33

Tgt Ion:152 Resp: 184869  
Ion Ratio Lower Upper  
152 100  
150 157.4 117.6 176.4  
115 62.9 47.1 70.7

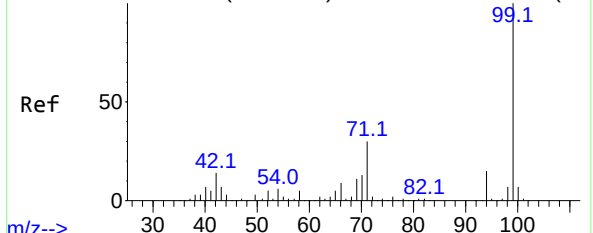


#5  
2-Fluorophenol  
Concen: 52.58 ng  
RT: 5.451 min Scan# 572  
Delta R.T. -0.006 min  
Lab File: BF125800.D  
Acq: 12 Oct 2021 14:10

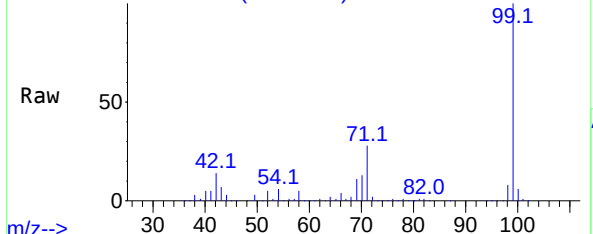
Tgt Ion:112 Resp: 595027  
Ion Ratio Lower Upper  
112 100  
64 52.8 44.2 66.2  
63 26.2 26.2 39.2#



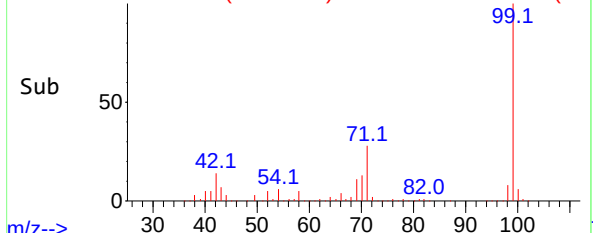
Abundance Scan 746 (6.475 min): BF125768.D\data.ms (-73



m/z--> Scan 744 (6.463 min): BF125800.D\data.ms

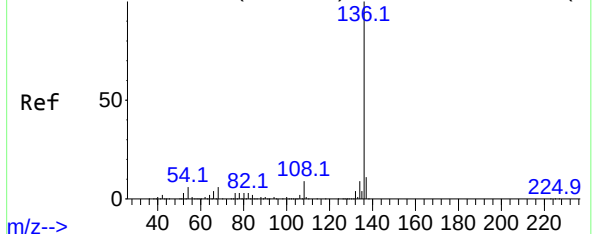


Abundance Scan 744 (6.463 min): BF125800.D\data.ms (-69

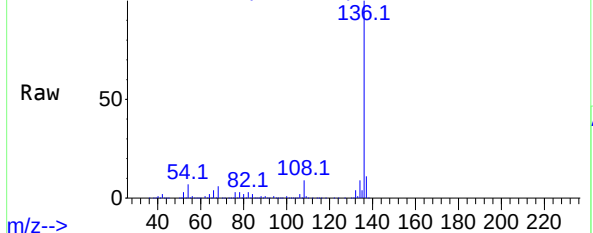


m/z-->

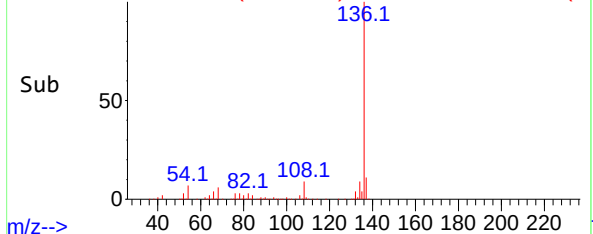
Abundance Scan 1027 (8.128 min): BF125768.D\data.ms (-1



m/z--> Scan 1026 (8.122 min): BF125800.D\data.ms



Abundance Scan 1026 (8.122 min): BF125800.D\data.ms (-9



m/z-->

#7

Phenol-d6

Concen: 45.38 ng

RT: 6.463 min Scan# 744

Delta R.T. -0.012 min

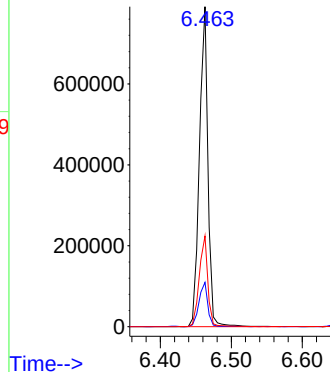
Lab File: BF125800.D

Acq: 12 Oct 2021 14:10

Tgt Ion: 99 Resp: 661033

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 13.8  | 23.5  | 35.3# |
| 71  | 28.4  | 25.6  | 38.4  |

Abundance



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.122 min Scan# 1026

Delta R.T. -0.006 min

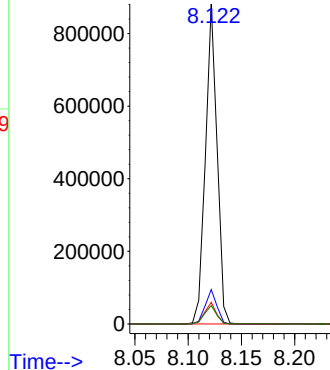
Lab File: BF125800.D

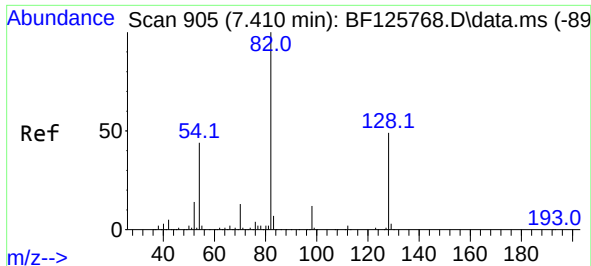
Acq: 12 Oct 2021 14:10

Tgt Ion: 136 Resp: 671687

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.8  | 9.8   | 14.6  |
| 54  | 6.8   | 6.4   | 9.6   |
| 68  | 5.8   | 3.3   | 4.9#  |

Abundance

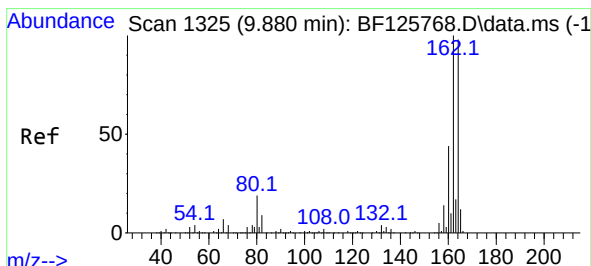
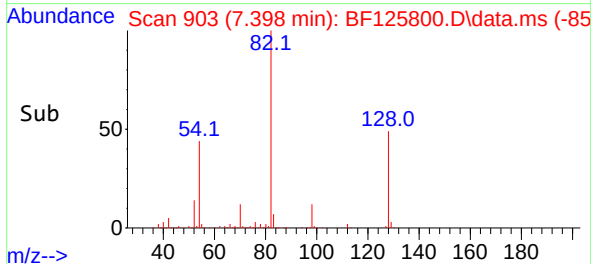
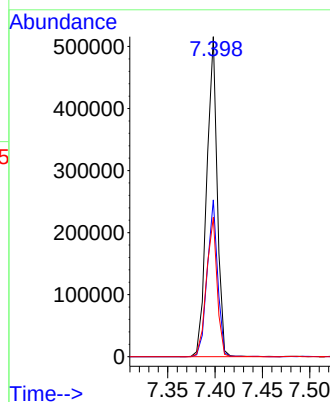
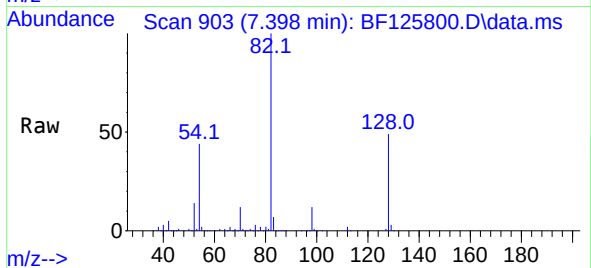




#23  
Nitrobenzene-d5  
Concen: 36.71 ng  
RT: 7.398 min Scan# 903  
Delta R.T. -0.012 min  
Lab File: BF125800.D  
Acq: 12 Oct 2021 14:10

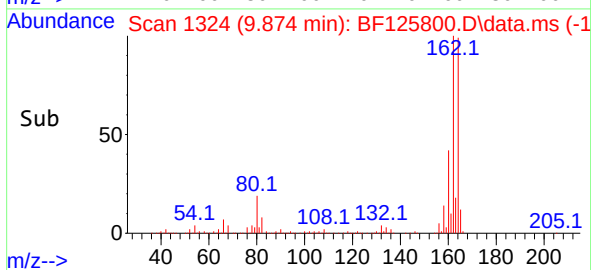
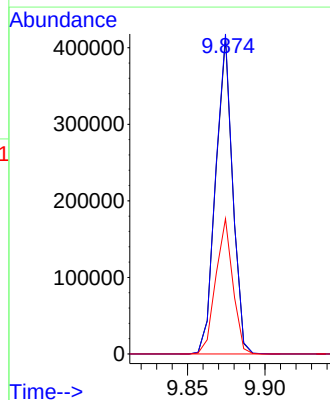
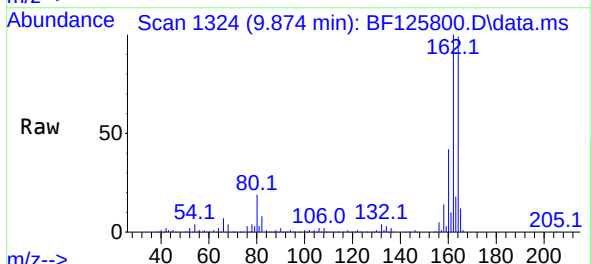
Instrument :  
BNA\_F  
ClientSampled :  
CC-33

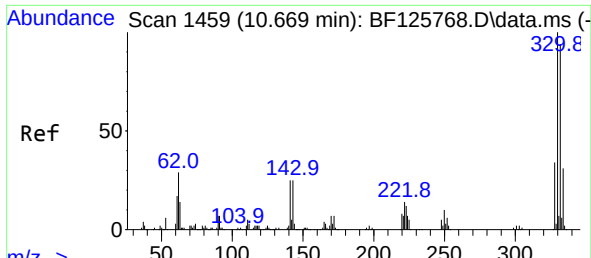
Tgt Ion: 82 Resp: 396722  
Ion Ratio Lower Upper  
82 100  
128 49.0 40.6 60.8  
54 43.5 49.6 74.4#



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.874 min Scan# 1324  
Delta R.T. -0.006 min  
Lab File: BF125800.D  
Acq: 12 Oct 2021 14:10

Tgt Ion:164 Resp: 314124  
Ion Ratio Lower Upper  
164 100  
162 101.1 81.3 121.9  
160 42.7 38.0 57.0

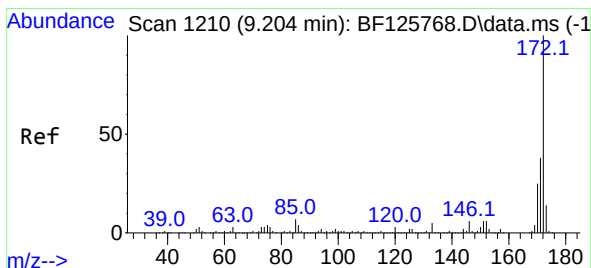
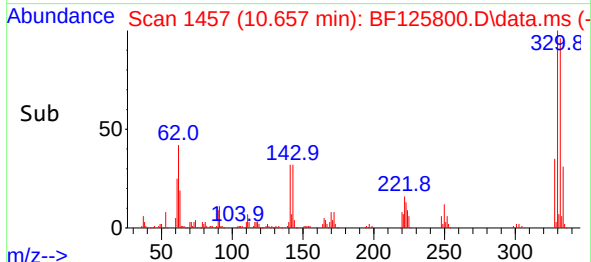
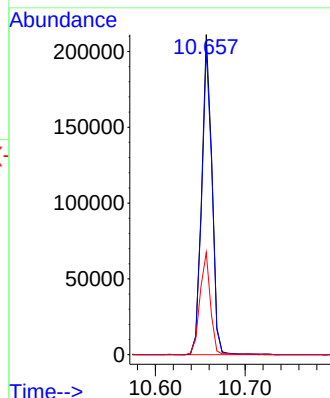
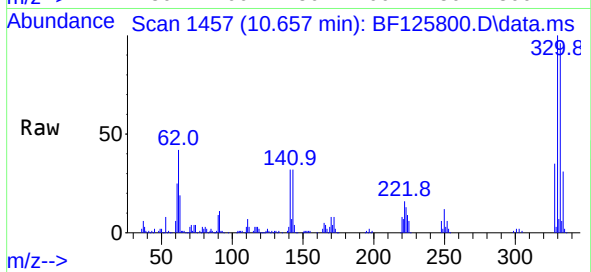




#42  
2,4,6-Tribromophenol  
Concen: 53.71 ng  
RT: 10.657 min Scan# 1457  
Delta R.T. -0.012 min  
Lab File: BF125800.D  
Acq: 12 Oct 2021 14:10

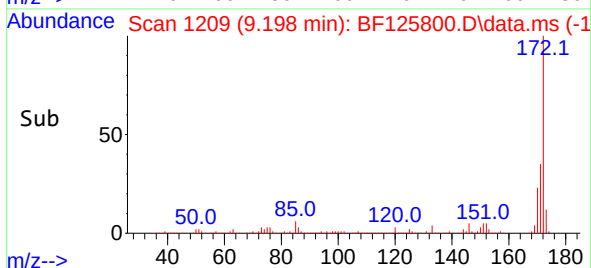
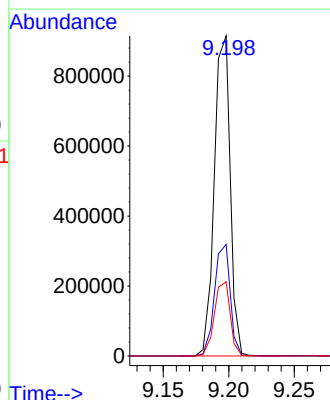
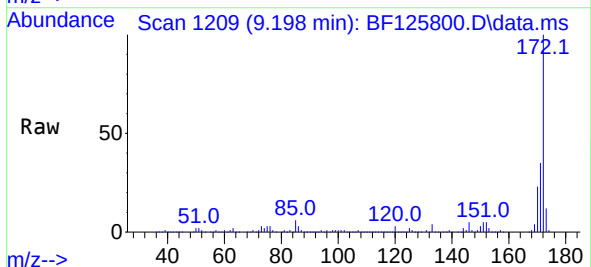
Instrument :  
BNA\_F  
ClientSampled :  
CC-33

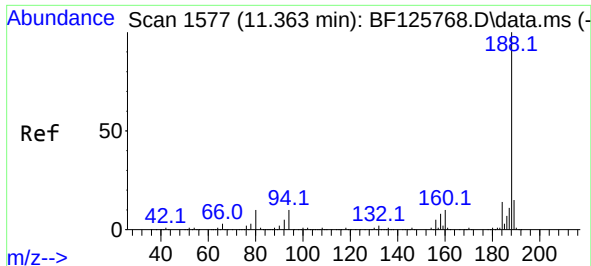
Tgt Ion:330 Resp: 166586  
Ion Ratio Lower Upper  
330 100  
332 96.3 76.2 114.4  
141 32.6 44.6 66.8#



#45  
2-Fluorobiphenyl  
Concen: 42.38 ng  
RT: 9.198 min Scan# 1209  
Delta R.T. -0.006 min  
Lab File: BF125800.D  
Acq: 12 Oct 2021 14:10

Tgt Ion:172 Resp: 771908  
Ion Ratio Lower Upper  
172 100  
171 34.9 26.5 39.7  
170 23.2 18.8 28.2

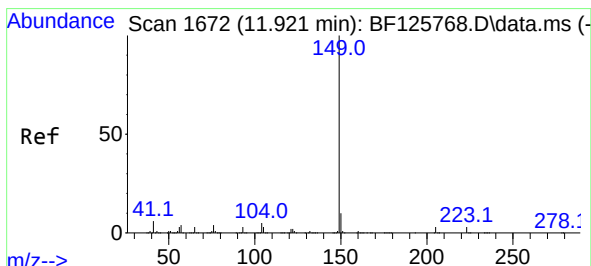
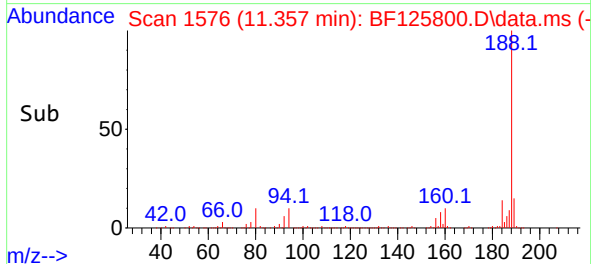
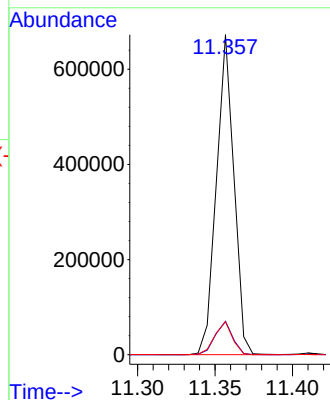
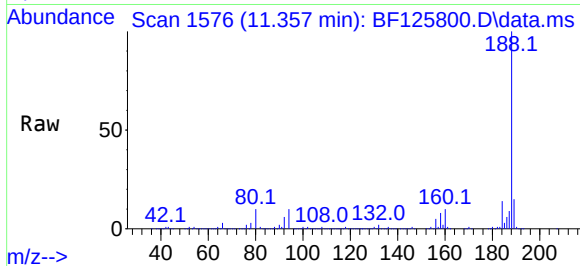




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.357 min Scan# 1576  
Delta R.T. -0.006 min  
Lab File: BF125800.D  
Acq: 12 Oct 2021 14:10

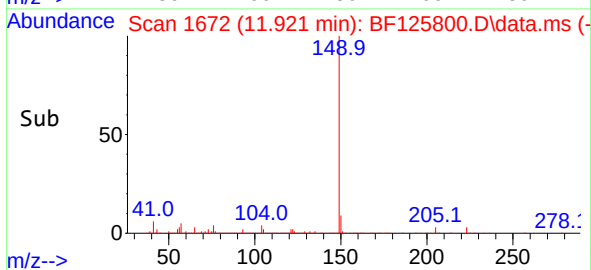
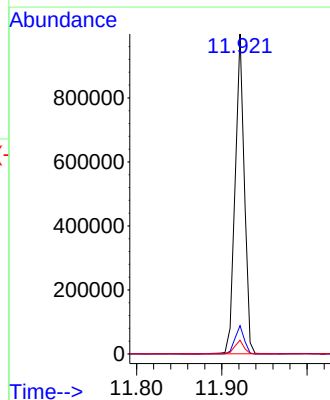
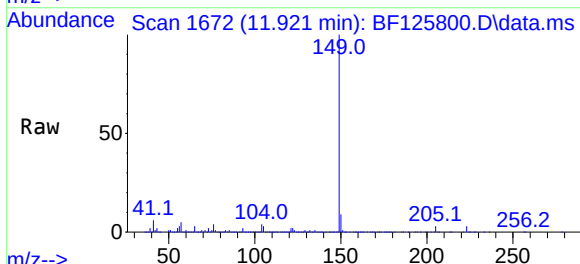
Instrument :  
BNA\_F  
ClientSampled :  
CC-33

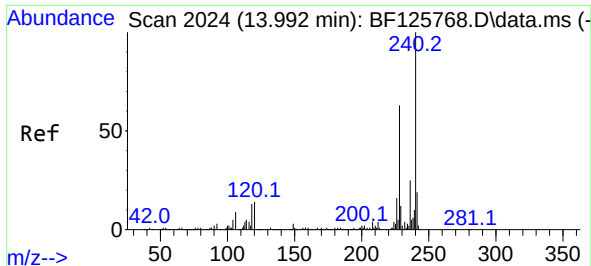
Tgt Ion:188 Resp: 528299  
Ion Ratio Lower Upper  
188 100  
94 10.4 6.7 10.1#  
80 10.3 7.5 11.3



#74  
Di-n-butylphthalate  
Concen: 25.73 ng  
RT: 11.921 min Scan# 1672  
Delta R.T. -0.000 min  
Lab File: BF125800.D  
Acq: 12 Oct 2021 14:10

Tgt Ion:149 Resp: 746321  
Ion Ratio Lower Upper  
149 100  
150 8.9 7.4 11.2  
104 4.3 4.1 6.1

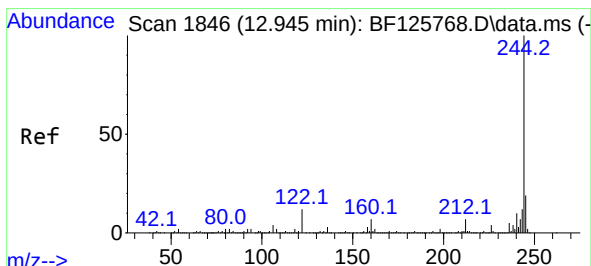
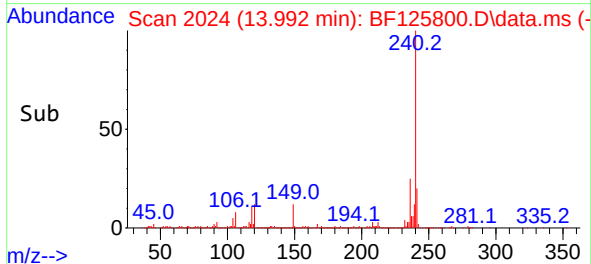
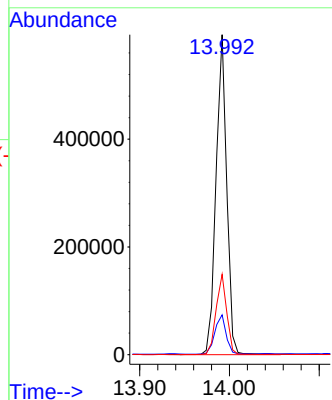
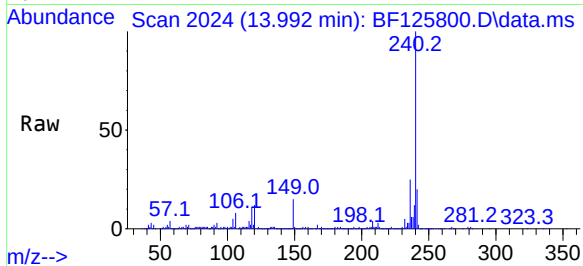




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.992 min Scan# 2024  
Delta R.T. -0.000 min  
Lab File: BF125800.D  
Acq: 12 Oct 2021 14:10

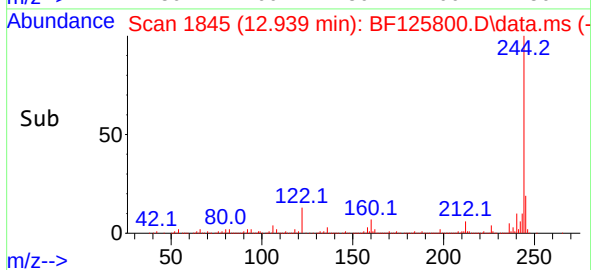
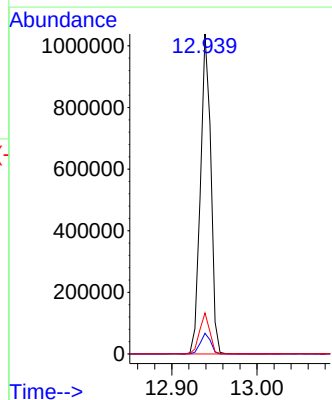
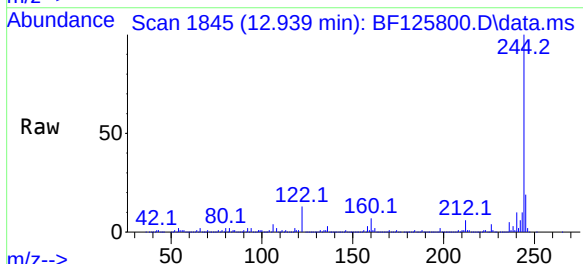
Instrument :  
BNA\_F  
ClientSampled :  
CC-33

Tgt Ion:240 Resp: 492059  
Ion Ratio Lower Upper  
240 100  
120 12.5 10.8 16.2  
236 25.1 21.6 32.4

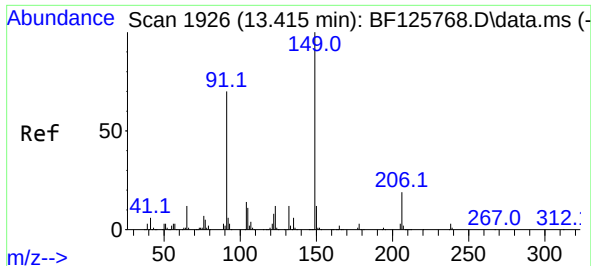


#79  
Terphenyl-d14  
Concen: 27.27 ng  
RT: 12.939 min Scan# 1845  
Delta R.T. -0.006 min  
Lab File: BF125800.D  
Acq: 12 Oct 2021 14:10

Tgt Ion:244 Resp: 880883  
Ion Ratio Lower Upper  
244 100  
212 6.4 5.9 8.9  
122 12.8 9.0 13.4





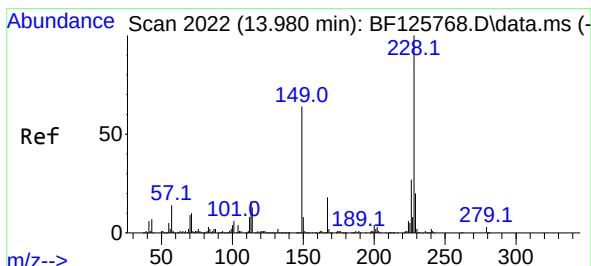
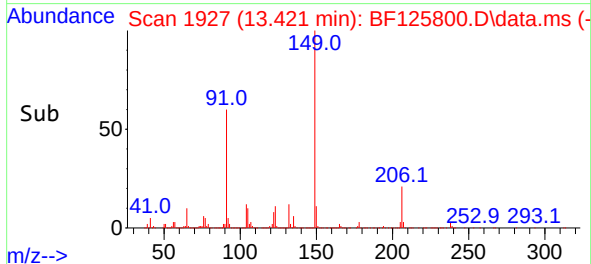
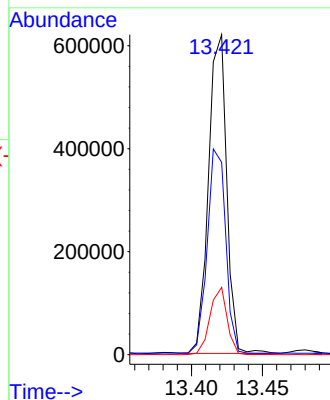
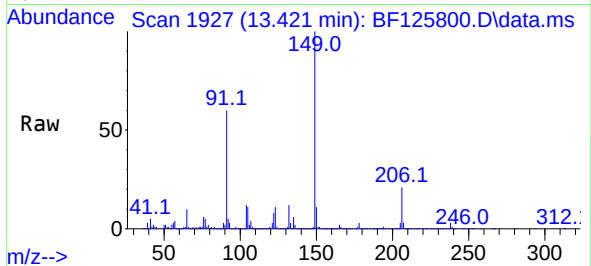


#80  
Butylbenzylphthalate  
Concen: 34.54 ng  
RT: 13.421 min Scan# 1927  
Delta R.T. 0.006 min  
Lab File: BF125800.D  
Acq: 12 Oct 2021 14:10

Instrument :  
BNA\_F  
ClientSampled :  
CC-33

Tgt Ion:149 Resp: 553373

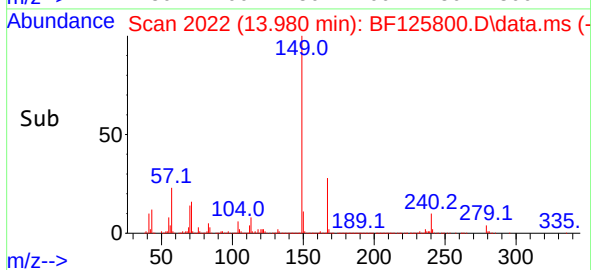
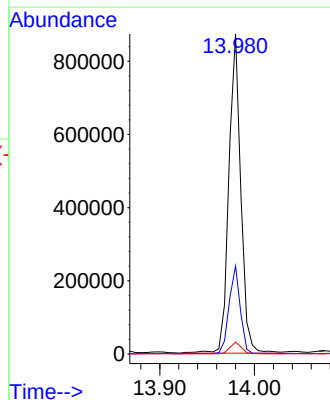
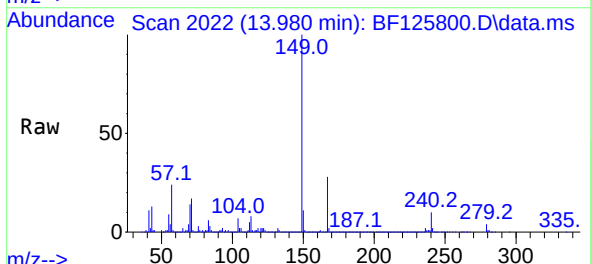
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 60.1  | 51.8  | 77.8  |
| 206 | 21.1  | 14.5  | 21.7  |

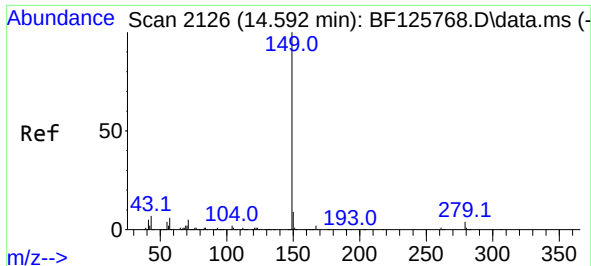


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 44.08 ng  
RT: 13.980 min Scan# 2022  
Delta R.T. -0.000 min  
Lab File: BF125800.D  
Acq: 12 Oct 2021 14:10

Tgt Ion:149 Resp: 768583

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 27.5  | 21.4  | 32.0  |
| 279 | 3.7   | 2.6   | 4.0   |

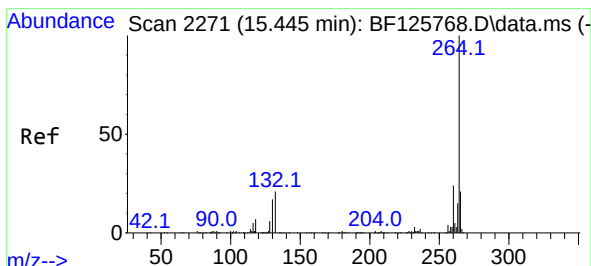
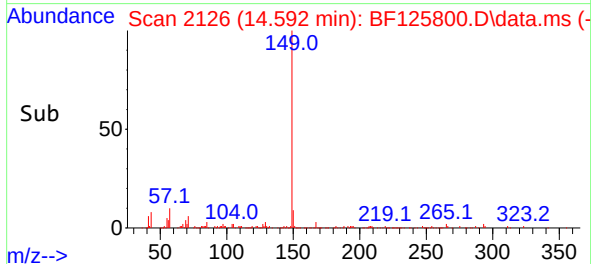
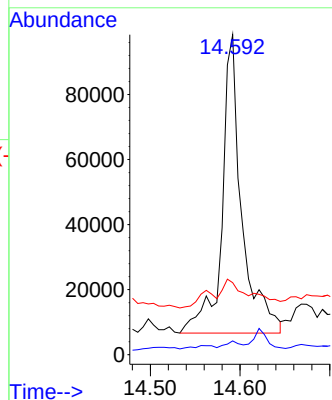
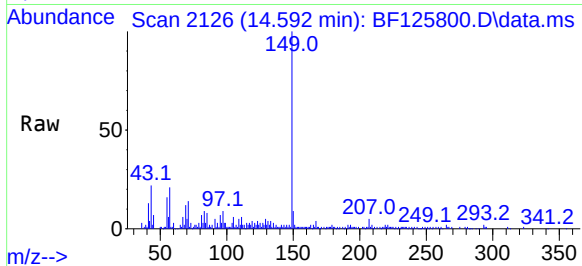




#85  
Di-n-octyl phthalate  
Concen: 4.84 ng  
RT: 14.592 min Scan# 2126  
Delta R.T. -0.000 min  
Lab File: BF125800.D  
Acq: 12 Oct 2021 14:10

Instrument :  
BNA\_F  
ClientSampled :  
CC-33

Tgt Ion:149 Resp: 140714  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.0 1.6  
43 4.7 9.9 14.9#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.445 min Scan# 2271  
Delta R.T. -0.000 min  
Lab File: BF125800.D  
Acq: 12 Oct 2021 14:10

Tgt Ion:264 Resp: 433086  
Ion Ratio Lower Upper  
264 100  
260 22.9 19.6 29.4  
265 21.2 17.2 25.8

