

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010623\  
 Data File : BF131953.D  
 Acq On : 06 Jan 2023 21:44  
 Operator : CG\JU  
 Sample : N6244-08 5X  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PE-18

Quant Time: Jan 07 00:26:32 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 06 23:58:27 2023  
 Response via : Initial Calibration

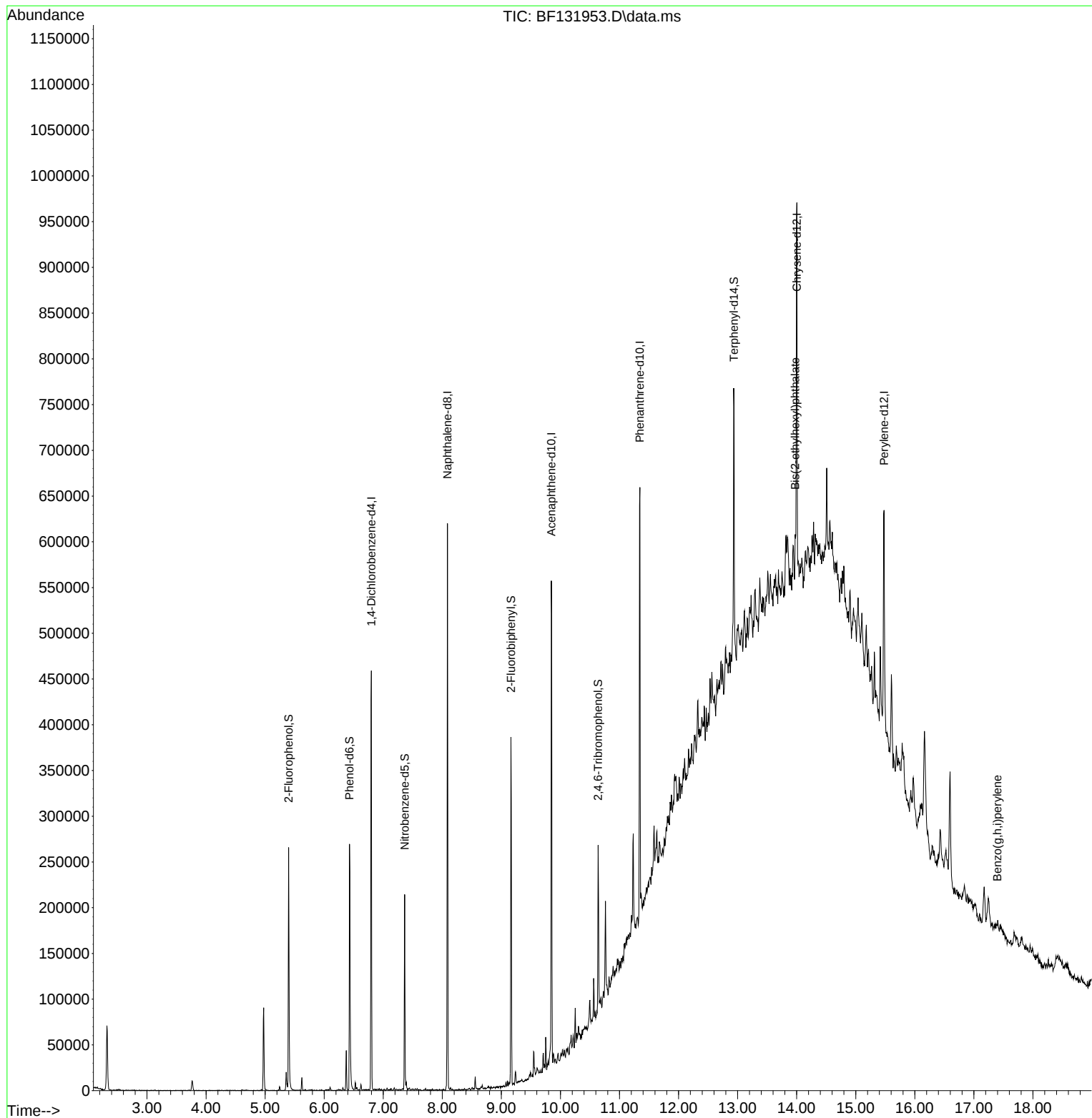
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min)  |
|-------------------------------|--------|------|----------|--------|-------|-----------|
| -----                         |        |      |          |        |       |           |
| Internal Standards            |        |      |          |        |       |           |
| 1) 1,4-Dichlorobenzene-d4     | 6.798  | 152  | 65906    | 20.000 | ng    | 0.00      |
| 21) Naphthalene-d8            | 8.086  | 136  | 214848   | 20.000 | ng    | 0.00      |
| 39) Acenaphthene-d10          | 9.845  | 164  | 103967   | 20.000 | ng    | 0.00      |
| 64) Phenanthrene-d10          | 11.345 | 188  | 172909   | 20.000 | ng    | 0.00      |
| 76) Chrysene-d12              | 14.004 | 240  | 133318   | 20.000 | ng    | 0.00      |
| 86) Perylene-d12              | 15.480 | 264  | 99963    | 20.000 | ng    | 0.01      |
| System Monitoring Compounds   |        |      |          |        |       |           |
| 5) 2-Fluorophenol             | 5.398  | 112  | 64735    | 16.278 | ng    | 0.00      |
| 7) Phenol-d6                  | 6.428  | 99   | 84842    | 16.238 | ng    | -0.01     |
| 23) Nitrobenzene-d5           | 7.363  | 82   | 58839    | 10.934 | ng    | -0.01     |
| 42) 2,4,6-Tribromophenol      | 10.639 | 330  | 16896    | 14.957 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl          | 9.163  | 172  | 103753   | 13.669 | ng    | 0.00      |
| 79) Terphenyl-d14             | 12.939 | 244  | 93741    | 11.894 | ng    | 0.00      |
| Target Compounds              |        |      |          |        |       |           |
| 84) Bis(2-ethylhexyl)phtha... | 13.974 | 149  | 16355    | 3.241  | ng    | Qvalue 93 |
| 92) Benzo(g,h,i)perylene      | 17.398 | 276  | 4499     | 5.899  | ng    | # 54      |
| -----                         |        |      |          |        |       |           |

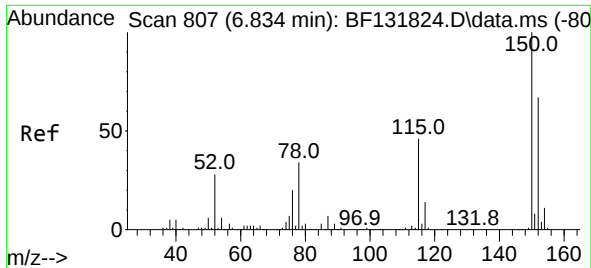
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010623\  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122422.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jan 06 23:58:27 2023  
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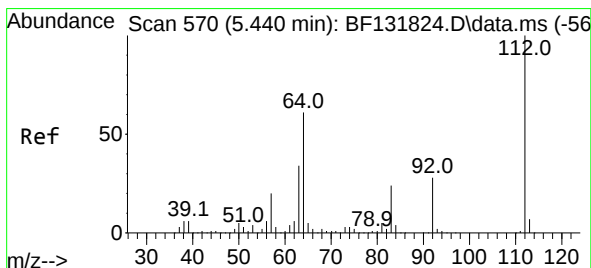
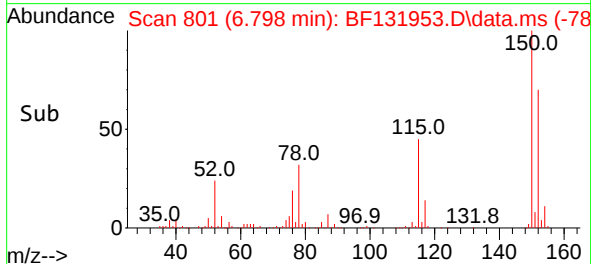
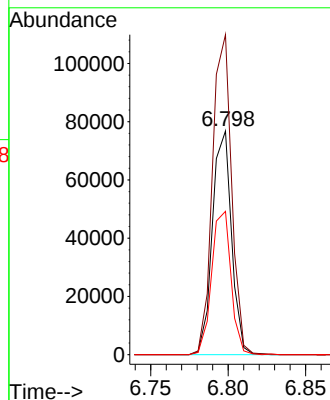
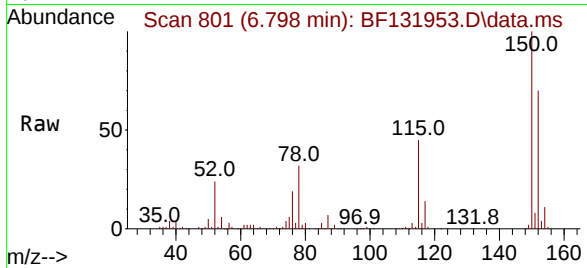




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.798 min Scan# 807  
Delta R.T. 0.000 min  
Lab File: BF131953.D  
Acq: 06 Jan 2023 21:44

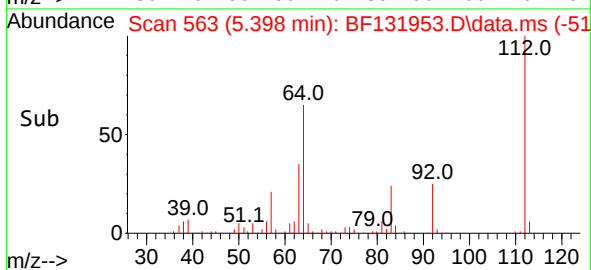
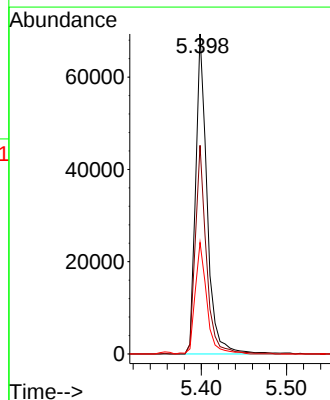
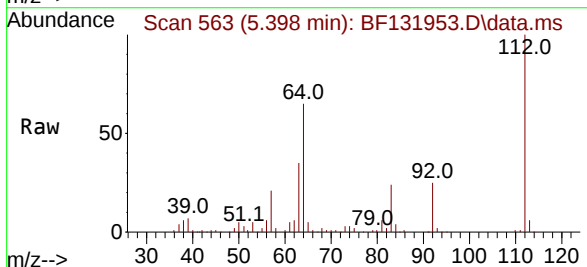
Instrument :  
BNA\_F  
ClientSampleId :  
PE-18

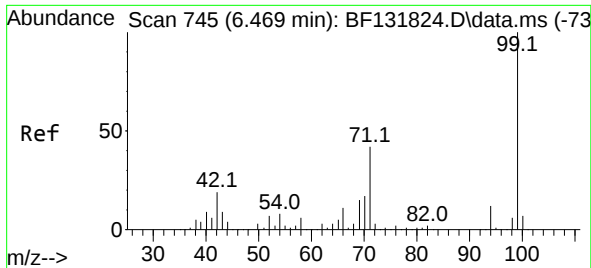
Tgt Ion:152 Resp: 65906  
Ion Ratio Lower Upper  
152 100  
150 143.1 120.0 180.0  
115 64.1 55.1 82.7



#5  
2-Fluorophenol  
Concen: 16.278 ng  
RT: 5.398 min Scan# 563  
Delta R.T. -0.000 min  
Lab File: BF131953.D  
Acq: 06 Jan 2023 21:44

Tgt Ion:112 Resp: 64735  
Ion Ratio Lower Upper  
112 100  
64 65.2 49.2 73.8  
63 34.9 27.5 41.3

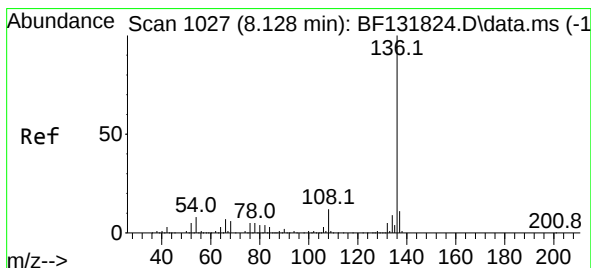
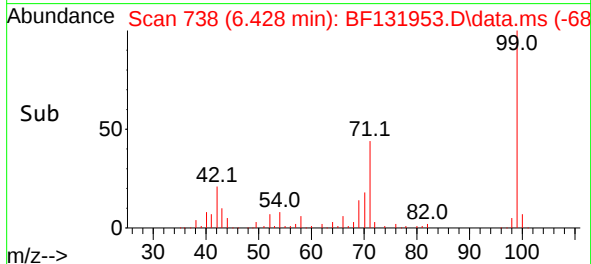
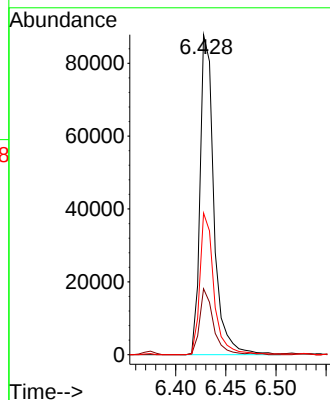
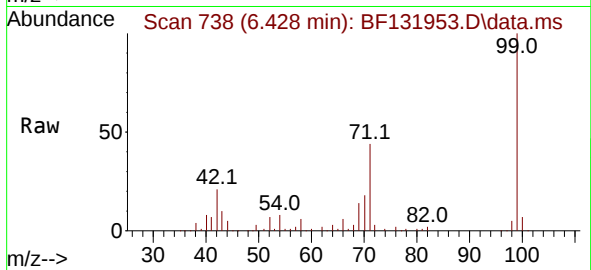




#7  
Phenol-d6  
Concen: 16.238 ng  
RT: 6.428 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF131953.D  
Acq: 06 Jan 2023 21:44

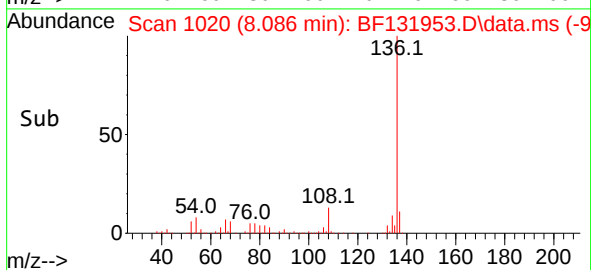
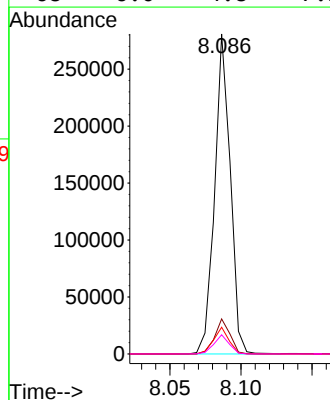
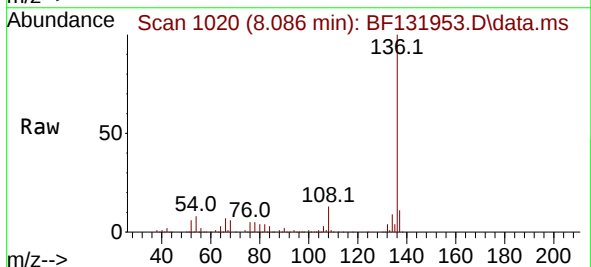
Instrument :  
BNA\_F  
ClientSampleId :  
PE-18

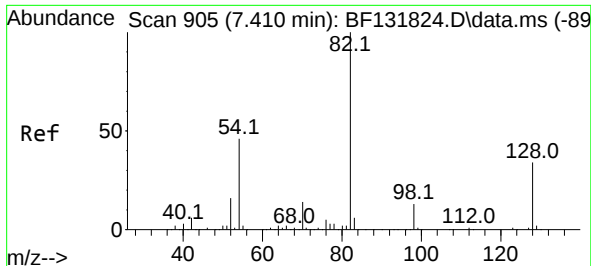
Tgt Ion: 99 Resp: 84842  
Ion Ratio Lower Upper  
99 100  
42 20.6 15.3 22.9  
71 44.2 33.5 50.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.086 min Scan# 1020  
Delta R.T. -0.006 min  
Lab File: BF131953.D  
Acq: 06 Jan 2023 21:44

Tgt Ion: 136 Resp: 214848  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 12.8  
54 8.4 6.7 10.1  
68 6.0 4.8 7.2

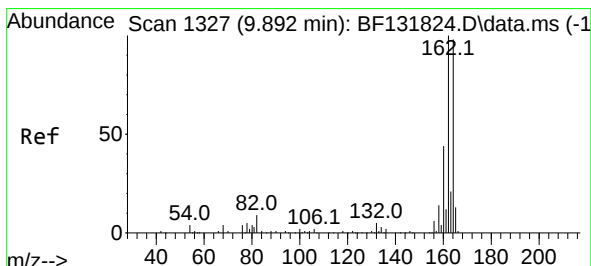
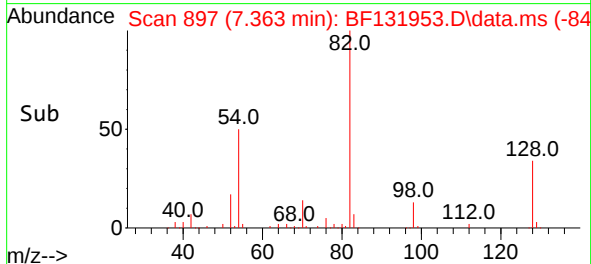
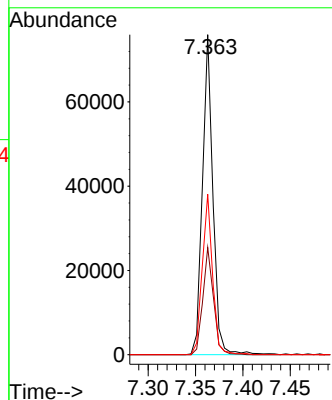
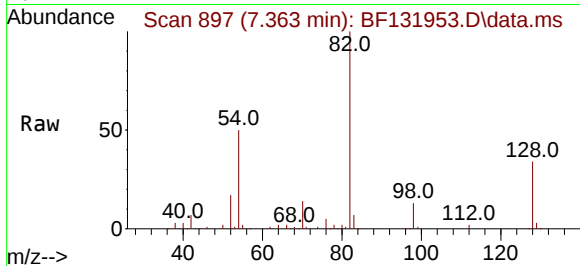




#23  
Nitrobenzene-d5  
Concen: 10.934 ng  
RT: 7.363 min Scan# 89  
Delta R.T. -0.012 min  
Lab File: BF131953.D  
Acq: 06 Jan 2023 21:44

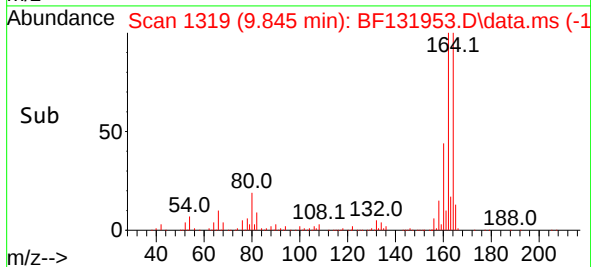
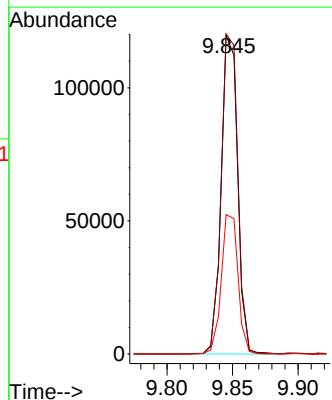
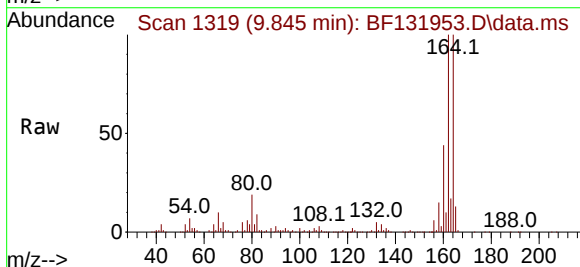
Instrument :  
BNA\_F  
ClientSampleId :  
PE-18

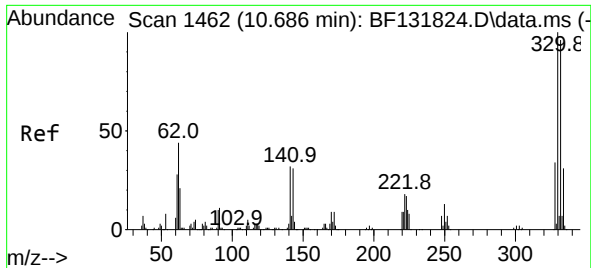
Tgt Ion: 82 Resp: 58839  
Ion Ratio Lower Upper  
82 100  
128 33.5 27.1 40.7  
54 50.1 37.0 55.6



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.845 min Scan# 1319  
Delta R.T. -0.006 min  
Lab File: BF131953.D  
Acq: 06 Jan 2023 21:44

Tgt Ion:164 Resp: 103967  
Ion Ratio Lower Upper  
164 100  
162 100.4 81.8 122.6  
160 43.7 35.7 53.5

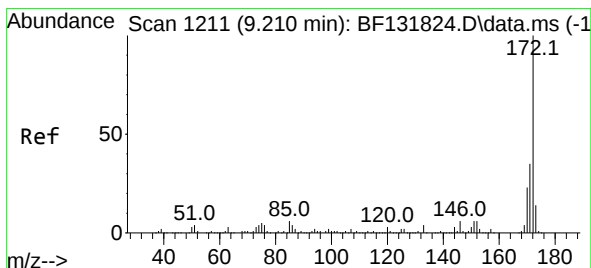
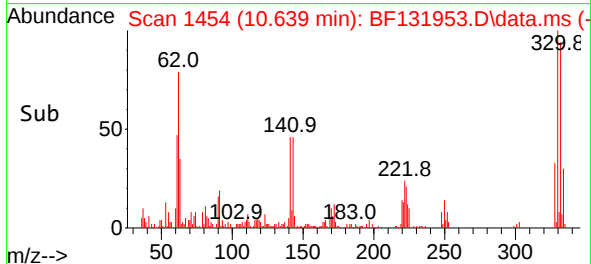
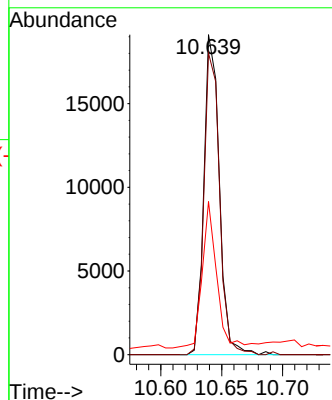
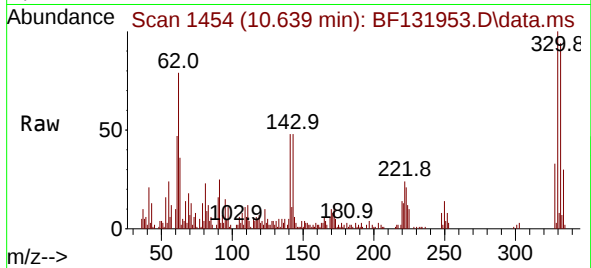




#42  
2,4,6-Tribromophenol  
Concen: 14.957 ng  
RT: 10.639 min Scan# 1462  
Delta R.T. -0.006 min  
Lab File: BF131953.D  
Acq: 06 Jan 2023 21:44

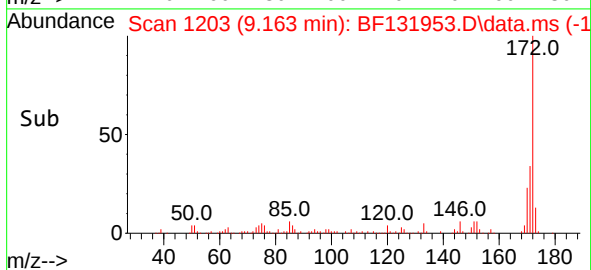
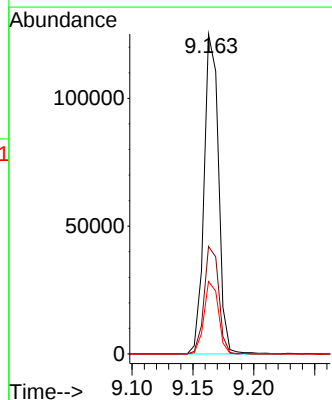
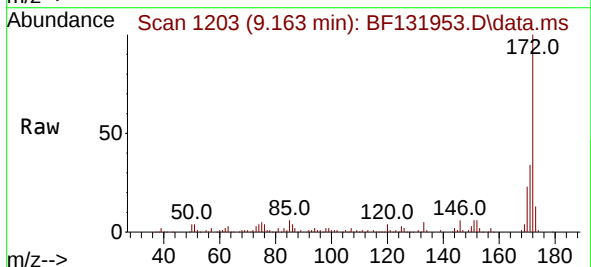
Instrument :  
BNA\_F  
ClientSampleId :  
PE-18

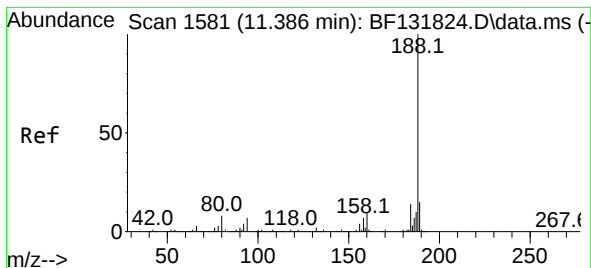
Tgt Ion: 330 Resp: 16896  
Ion Ratio Lower Upper  
330 100  
332 95.5 77.0 115.4  
141 43.2 31.0 46.4



#45  
2-Fluorobiphenyl  
Concen: 13.669 ng  
RT: 9.163 min Scan# 1203  
Delta R.T. -0.006 min  
Lab File: BF131953.D  
Acq: 06 Jan 2023 21:44

Tgt Ion: 172 Resp: 103753  
Ion Ratio Lower Upper  
172 100  
171 33.6 27.9 41.9  
170 22.6 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF131953.D

Acq: 06 Jan 2023 21:44

Instrument :

BNA\_F

ClientSampleId :

PE-18

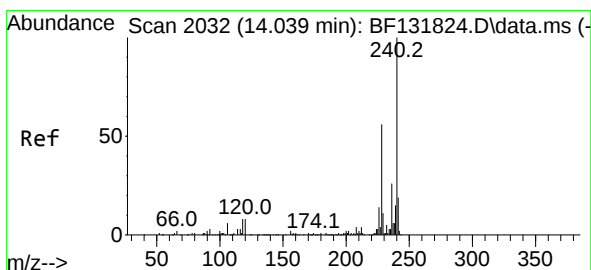
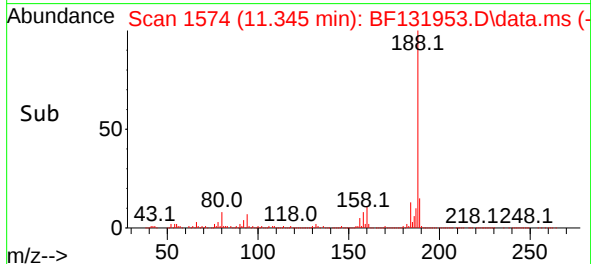
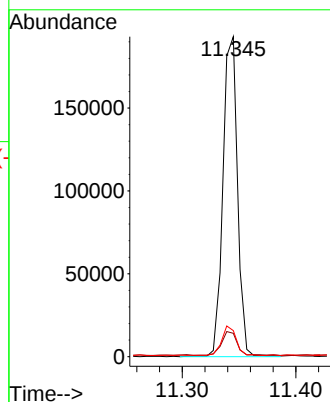
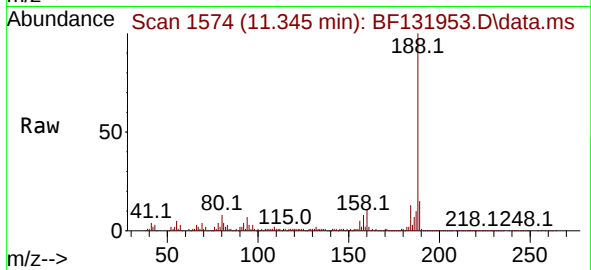
Tgt Ion:188 Resp: 172909

Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.6

80 8.2 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF131953.D

Acq: 06 Jan 2023 21:44

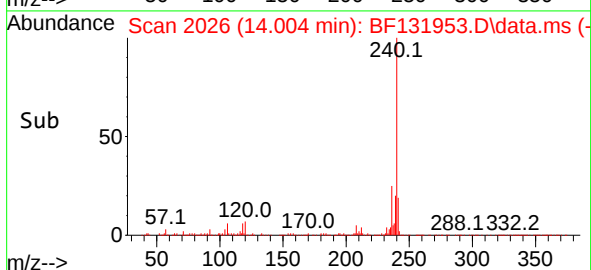
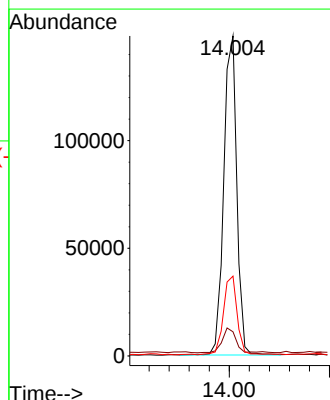
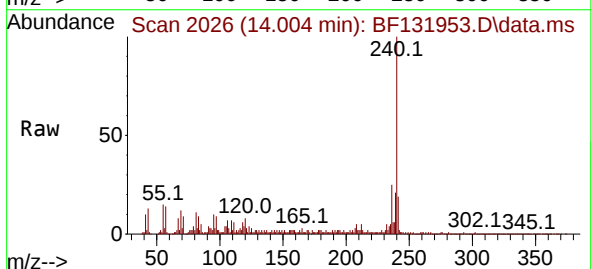
Tgt Ion:240 Resp: 133318

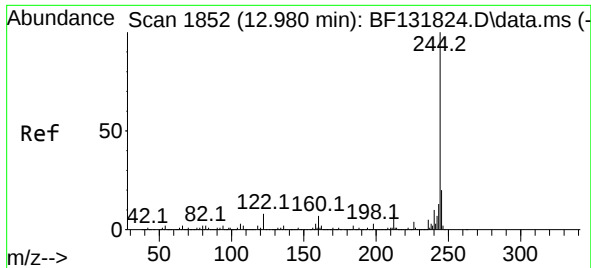
Ion Ratio Lower Upper

240 100

120 7.5 6.7 10.1

236 25.0 20.6 31.0





#79

Terphenyl-d14

Concen: 11.894 ng

RT: 12.939 min Scan# 1845

Delta R.T. -0.000 min

Lab File: BF131953.D

Acq: 06 Jan 2023 21:44

Instrument :

BNA\_F

ClientSampleId :

PE-18

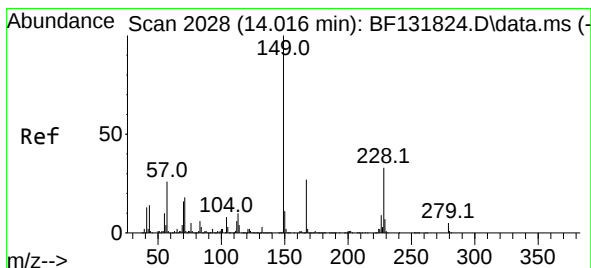
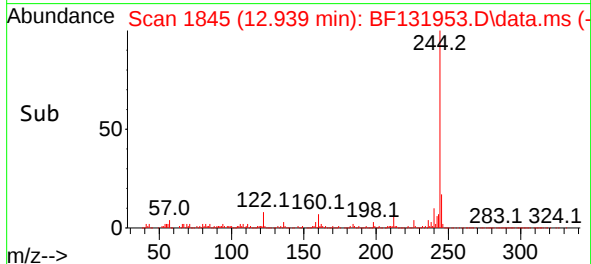
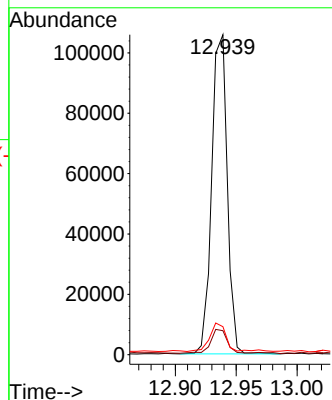
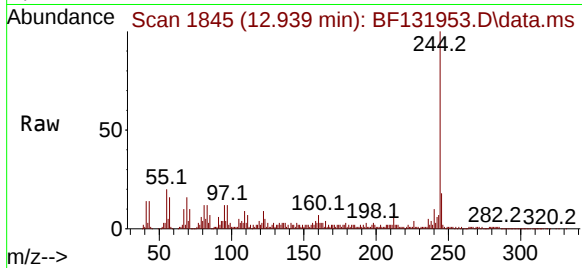
Tgt Ion:244 Resp: 93741

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

122 8.8 6.4 9.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.241 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.000 min

Lab File: BF131953.D

Acq: 06 Jan 2023 21:44

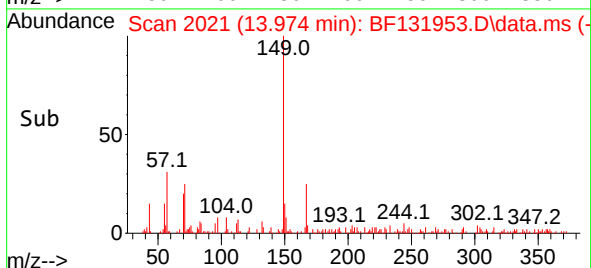
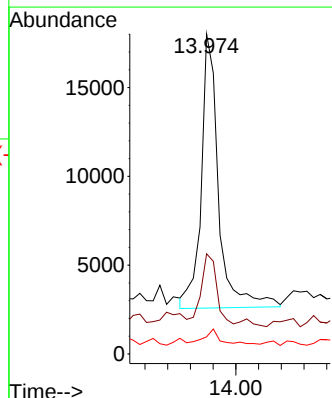
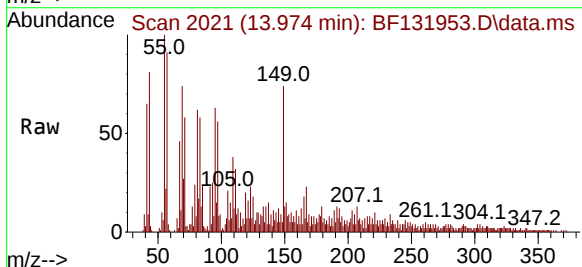
Tgt Ion:149 Resp: 16355

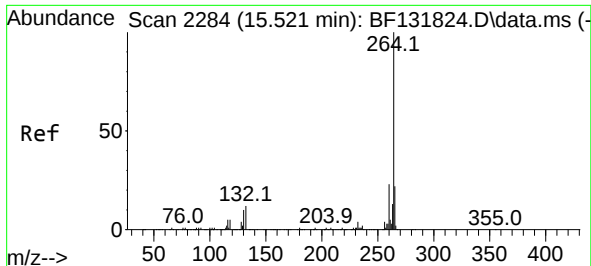
Ion Ratio Lower Upper

149 100

167 31.3 21.8 32.6

279 5.4 3.9 5.9

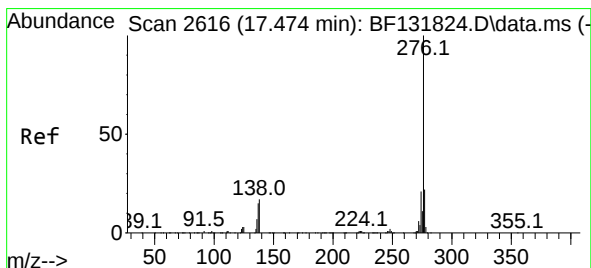
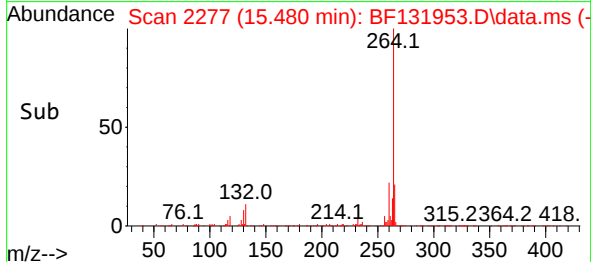
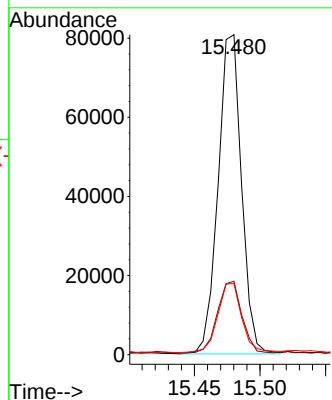
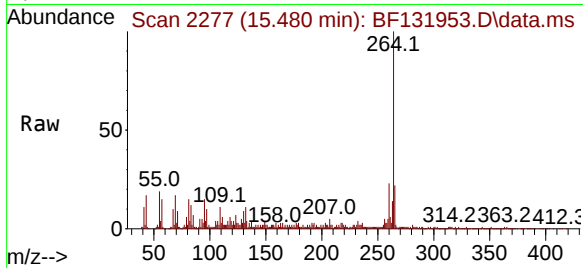




#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.480 min Scan# 21  
Delta R.T. 0.012 min  
Lab File: BF131953.D  
Acq: 06 Jan 2023 21:44

Instrument :  
BNA\_F  
ClientSampleId :  
PE-18

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 264   | Resp: | 99963 |
| Ion Ratio | Lower | Upper |       |
| 264       | 100   |       |       |
| 260       | 22.9  | 18.6  | 28.0  |
| 265       | 22.2  | 17.4  | 26.0  |



#92  
Benzo(g,h,i)perylene  
Concen: 5.899 ng  
RT: 17.398 min Scan# 2603  
Delta R.T. -0.000 min  
Lab File: BF131953.D  
Acq: 06 Jan 2023 21:44

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 4499  |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 43.0  | 17.9  | 26.9# |
| 138       | 39.0  | 13.7  | 20.5# |

