

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF011323\  
 Data File : BF132060.D  
 Acq On : 13 Jan 2023 15:36  
 Operator : CG\JU  
 Sample : 01133-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMPOSITE-1

Quant Time: Jan 16 01:17:10 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF010923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 12 23:59:08 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.769  | 152  | 74163    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.063  | 136  | 266271   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.822  | 164  | 153887   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.310 | 188  | 283404   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.963 | 240  | 140469   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.421 | 264  | 159547   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.404  | 112  | 517802   | 115.047 | ng    | 0.02     |
| 7) Phenol-d6                | 6.428  | 99   | 602549   | 100.972 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.345  | 82   | 517281   | 80.628  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.622 | 330  | 202629   | 114.521 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.145  | 172  | 905535   | 79.437  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.904 | 244  | 852571   | 86.992  | ng    | 0.00     |

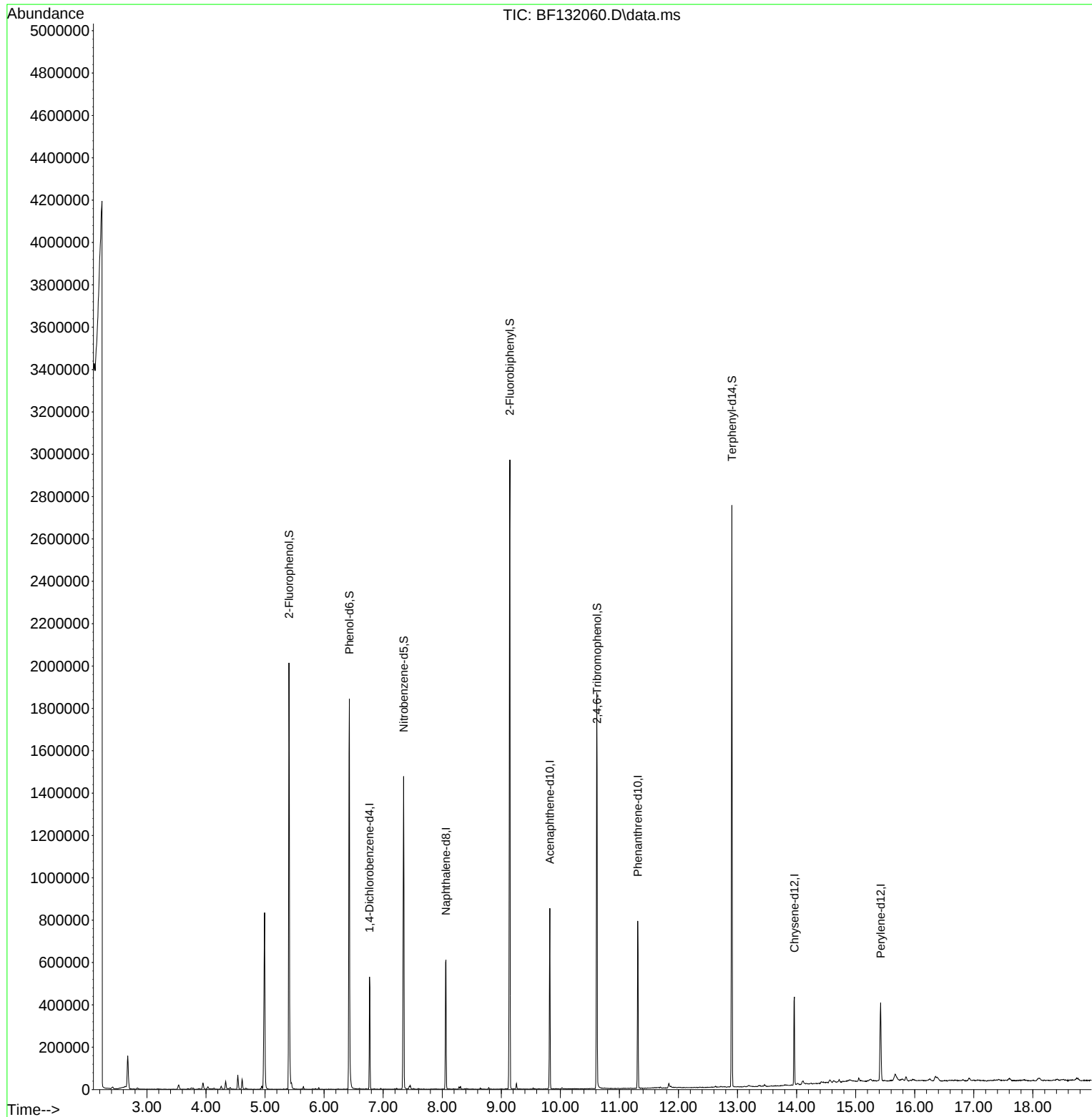
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

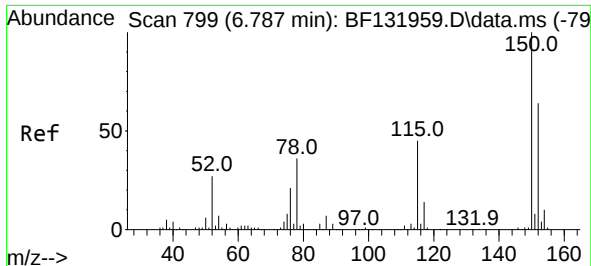
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF011323\  
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Sample : 01133-01  
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ALS Vial : 6 Sample Multiplier: 1

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BNA\_F  
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Quant Time: Jan 16 01:17:10 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF010923.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jan 12 23:59:08 2023  
Response via : Initial Calibration

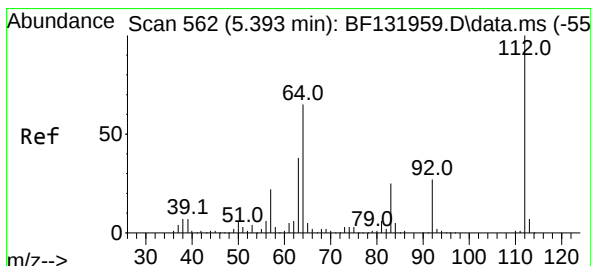
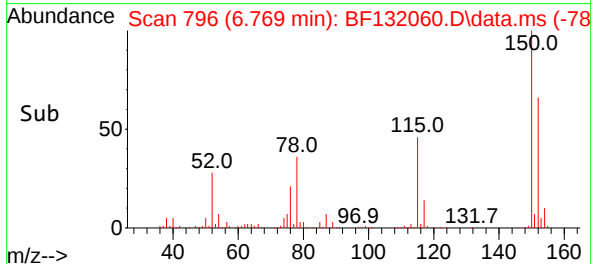
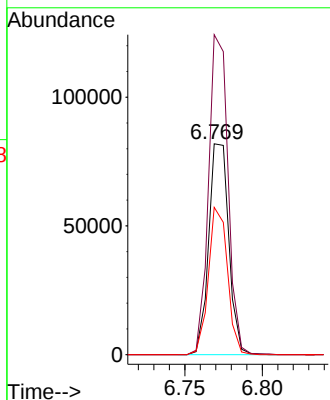
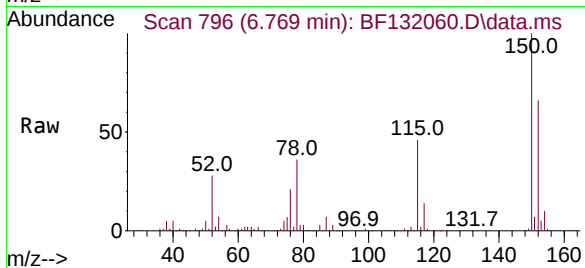




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.769 min Scan# 799  
Delta R.T. -0.006 min  
Lab File: BF132060.D  
Acq: 13 Jan 2023 15:36

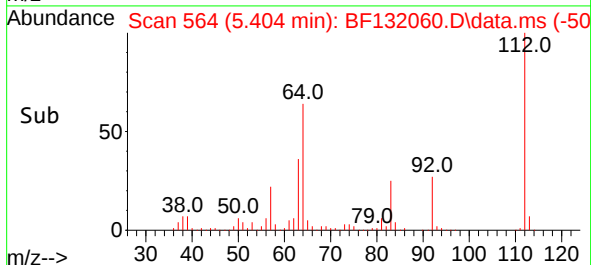
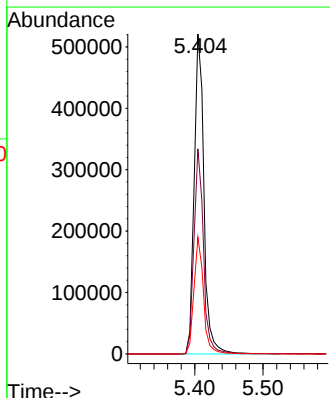
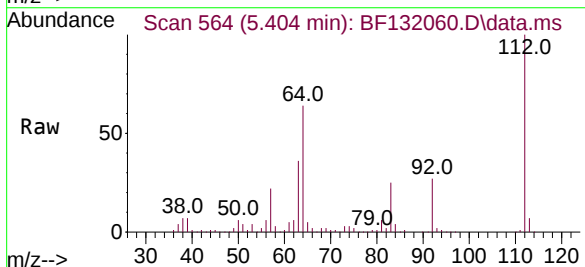
Instrument :  
BNA\_F  
ClientSampleId :  
COMPOSITE-1

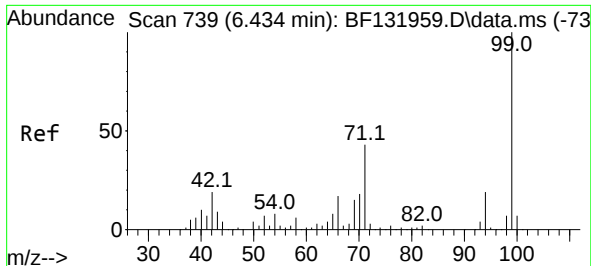
Tgt Ion:152 Resp: 74163  
Ion Ratio Lower Upper  
152 100  
150 151.8 124.6 186.8  
115 69.9 55.6 83.4



#5  
2-Fluorophenol  
Concen: 115.047 ng  
RT: 5.404 min Scan# 564  
Delta R.T. 0.024 min  
Lab File: BF132060.D  
Acq: 13 Jan 2023 15:36

Tgt Ion:112 Resp: 517802  
Ion Ratio Lower Upper  
112 100  
64 64.1 51.9 77.9  
63 36.4 30.2 45.2

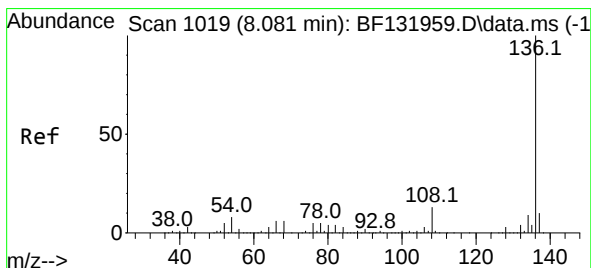
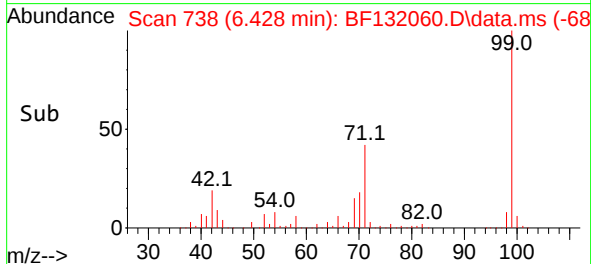
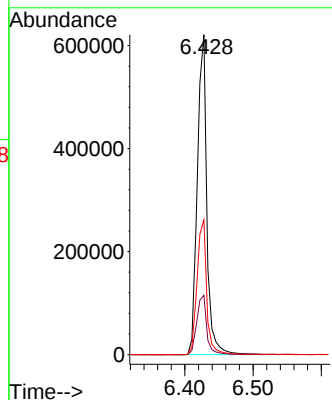
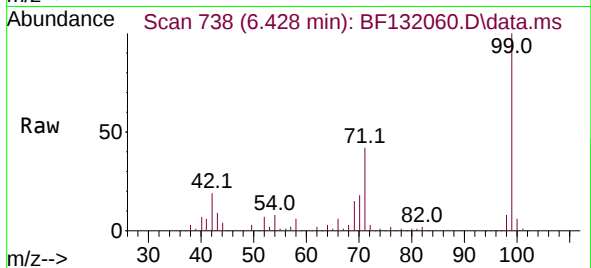




#7  
Phenol-d6  
Concen: 100.972 ng  
RT: 6.428 min Scan# 739  
Delta R.T. 0.006 min  
Lab File: BF132060.D  
Acq: 13 Jan 2023 15:36

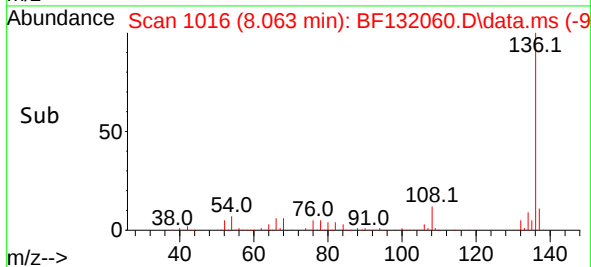
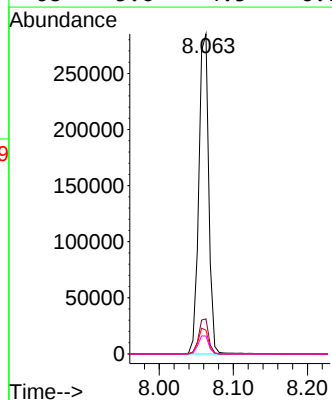
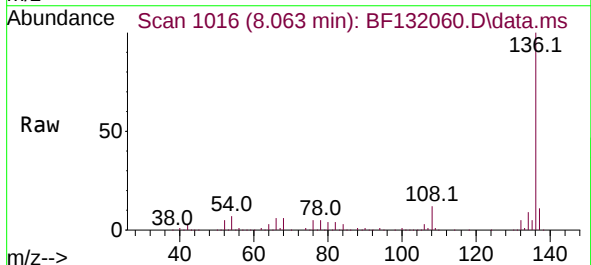
Instrument :  
BNA\_F  
ClientSampleId :  
COMPOSITE-1

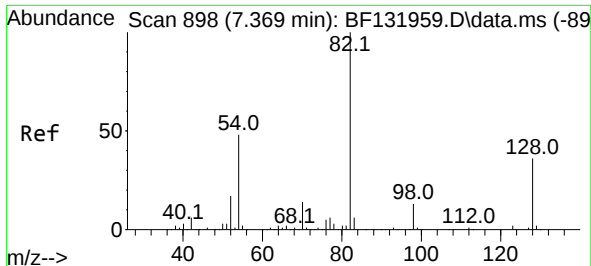
Tgt Ion: 99 Resp: 602549  
Ion Ratio Lower Upper  
99 100  
42 18.5 15.4 23.2  
71 42.1 34.6 51.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.063 min Scan# 1016  
Delta R.T. 0.000 min  
Lab File: BF132060.D  
Acq: 13 Jan 2023 15:36

Tgt Ion: 136 Resp: 266271  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.2 12.2  
54 7.4 6.6 9.8  
68 5.6 4.5 6.7

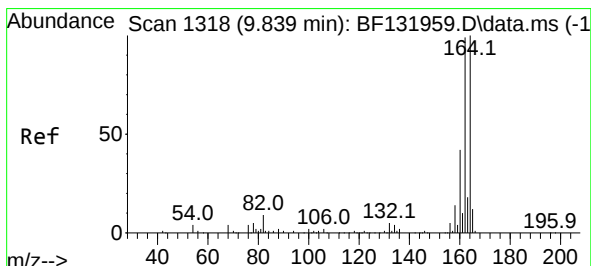
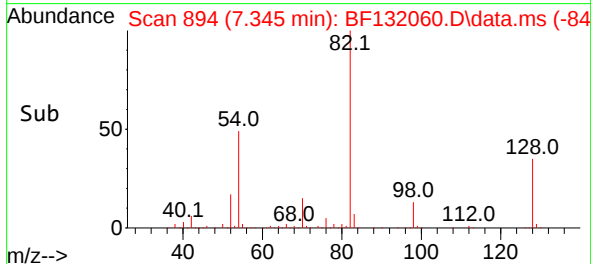
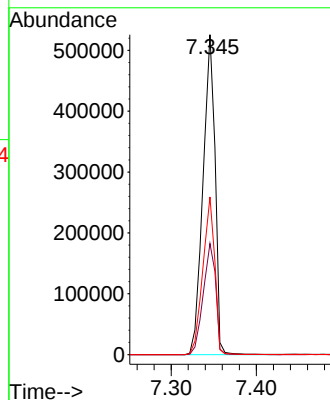
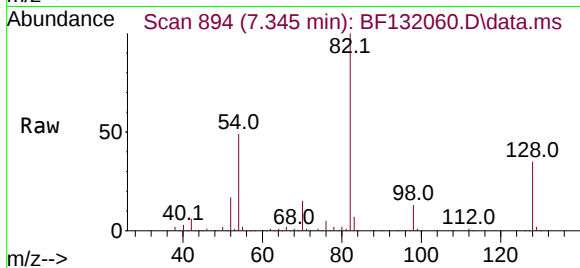




#23  
Nitrobenzene-d5  
Concen: 80.628 ng  
RT: 7.345 min Scan# 89  
Delta R.T. -0.006 min  
Lab File: BF132060.D  
Acq: 13 Jan 2023 15:36

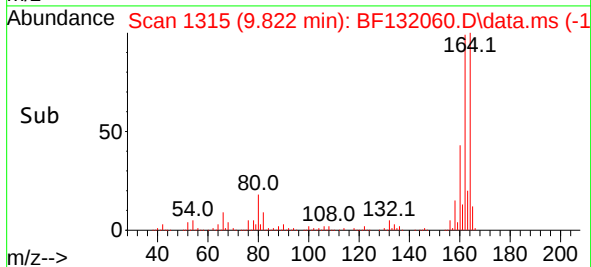
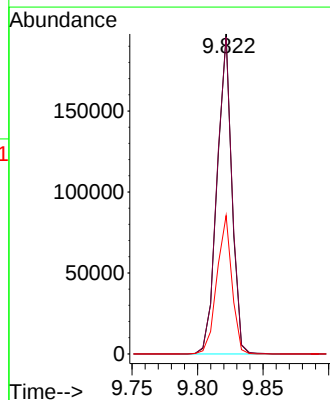
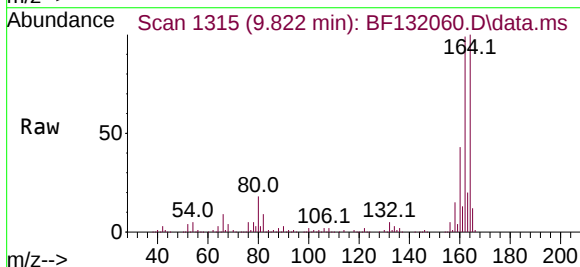
Instrument :  
BNA\_F  
ClientSampleId :  
COMPOSITE-1

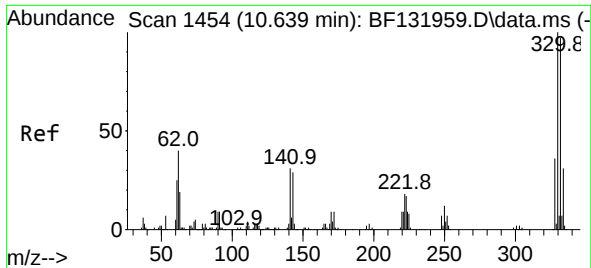
Tgt Ion: 82 Resp: 517281  
Ion Ratio Lower Upper  
82 100  
128 34.7 28.7 43.1  
54 49.3 38.1 57.1



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.822 min Scan# 1315  
Delta R.T. -0.006 min  
Lab File: BF132060.D  
Acq: 13 Jan 2023 15:36

Tgt Ion:164 Resp: 153887  
Ion Ratio Lower Upper  
164 100  
162 99.0 79.4 119.0  
160 43.2 33.9 50.9

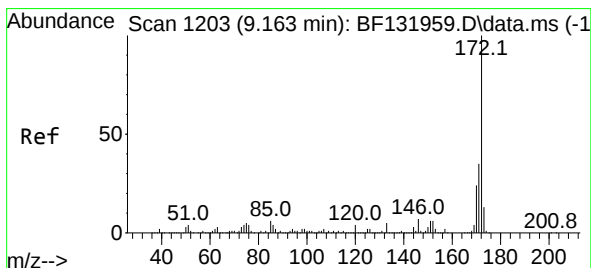
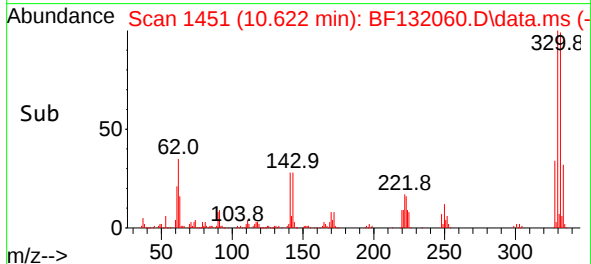
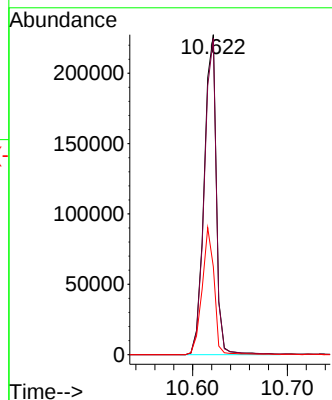
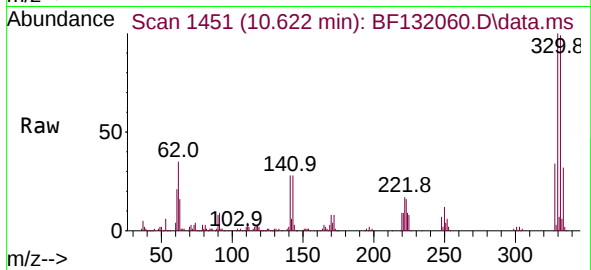




#42  
2,4,6-Tribromophenol  
Concen: 114.521 ng  
RT: 10.622 min Scan# 1454  
Delta R.T. 0.000 min  
Lab File: BF132060.D  
Acq: 13 Jan 2023 15:36

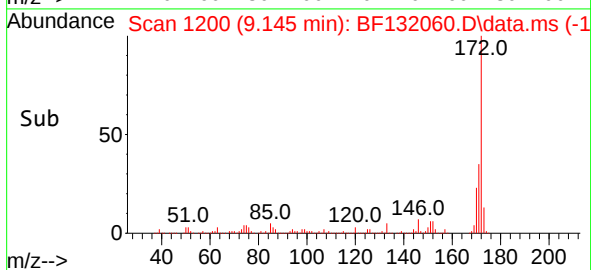
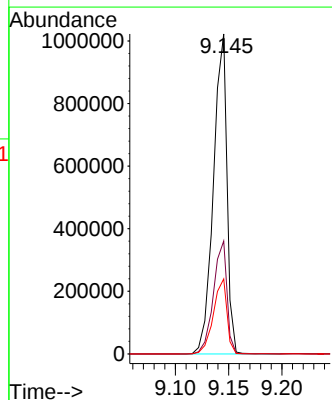
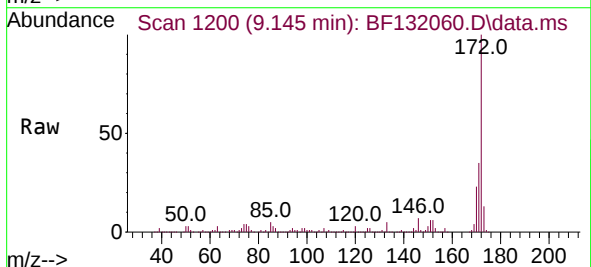
Instrument :  
BNA\_F  
ClientSampleId :  
COMPOSITE-1

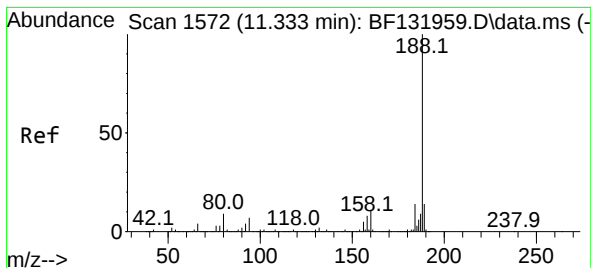
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 202629 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 98.4  | 76.9  | 115.3  |
| 141       | 39.3  | 31.3  | 46.9   |



#45  
2-Fluorobiphenyl  
Concen: 79.437 ng  
RT: 9.145 min Scan# 1200  
Delta R.T. 0.000 min  
Lab File: BF132060.D  
Acq: 13 Jan 2023 15:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 172   | Resp: | 905535 |
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 35.3  | 28.0  | 42.0   |
| 170       | 23.4  | 18.9  | 28.3   |





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132060.D

Acq: 13 Jan 2023 15:36

Instrument :

BNA\_F

ClientSampleId :

COMPOSITE-1

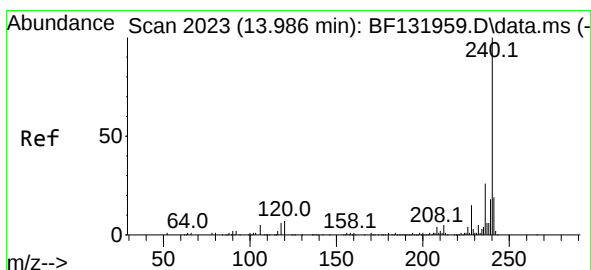
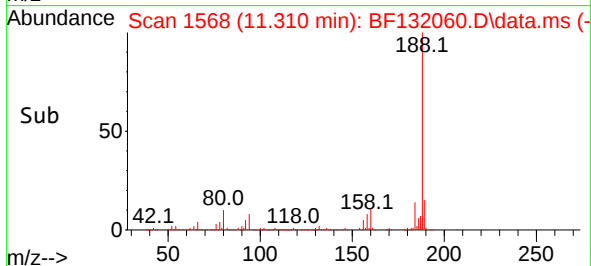
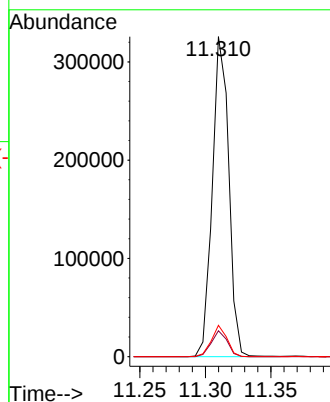
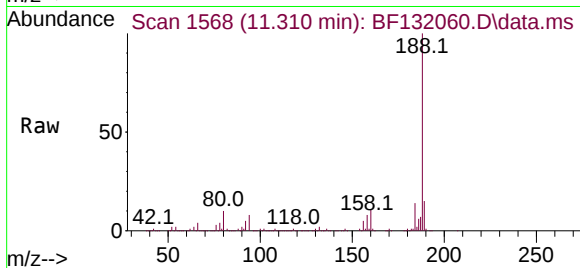
Tgt Ion:188 Resp: 283404

Ion Ratio Lower Upper

188 100

94 8.1 5.8 8.6

80 9.8 7.4 11.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF132060.D

Acq: 13 Jan 2023 15:36

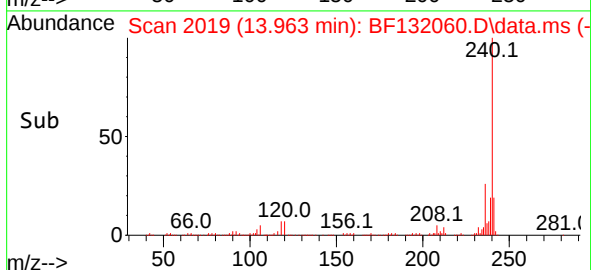
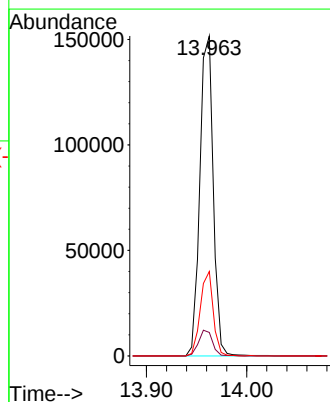
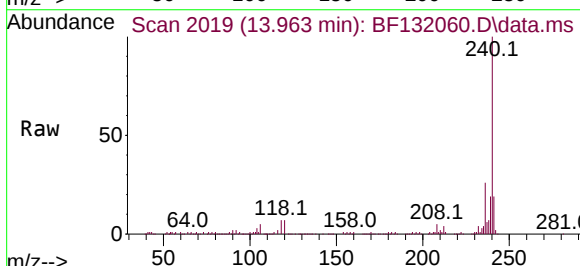
Tgt Ion:240 Resp: 140469

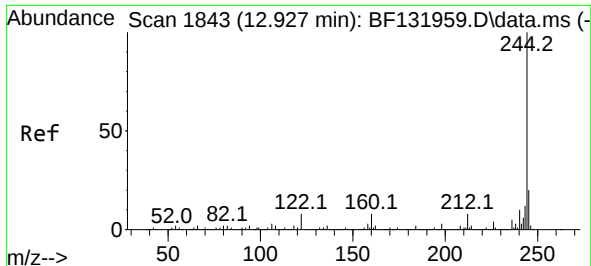
Ion Ratio Lower Upper

240 100

120 7.3 5.4 8.0

236 26.4 21.1 31.7

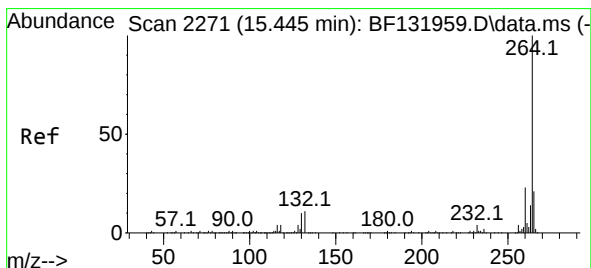
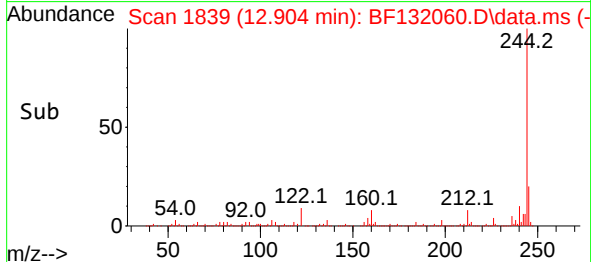
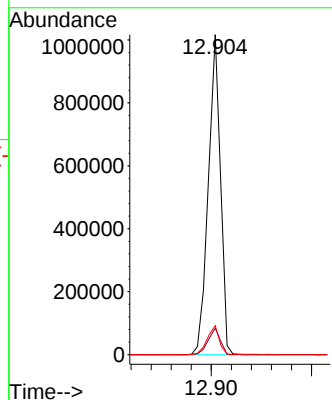
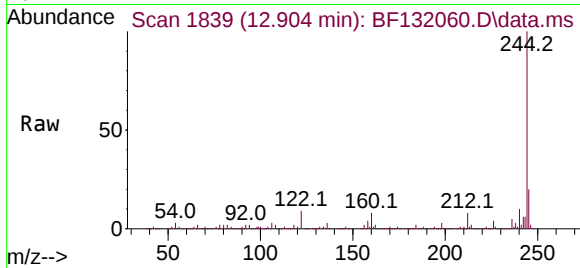




#79  
 Terphenyl-d14  
 Concen: 86.992 ng  
 RT: 12.904 min Scan# 1843  
 Delta R.T. 0.000 min  
 Lab File: BF132060.D  
 Acq: 13 Jan 2023 15:36

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMPOSITE-1

Tgt Ion:244 Resp: 852571  
 Ion Ratio Lower Upper  
 244 100  
 212 8.3 6.3 9.5  
 122 9.0 6.8 10.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.421 min Scan# 2267  
 Delta R.T. 0.006 min  
 Lab File: BF132060.D  
 Acq: 13 Jan 2023 15:36

Tgt Ion:264 Resp: 159547  
 Ion Ratio Lower Upper  
 264 100  
 260 24.1 18.3 27.5  
 265 20.1 16.9 25.3

