

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122122\  
 Data File : BF131764.D  
 Acq On : 22 Dec 2022 01:07  
 Operator : CG\JU  
 Sample : N6129-05  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 D8

Quant Time: Dec 22 05:53:33 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 21 03:12:37 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.863  | 152  | 86321    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.151  | 136  | 305415   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.916  | 164  | 177995   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.410 | 188  | 358650   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.057 | 240  | 265605   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.557 | 264  | 204564   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.498  | 112  | 747371   | 145.792 | ng    | 0.02     |
| 7) Phenol-d6                | 6.498  | 99   | 906013   | 131.309 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.434  | 82   | 732158   | 97.320  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.710 | 330  | 321588   | 165.067 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.233  | 172  | 1273332  | 100.211 | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.004 | 244  | 1652011  | 96.937  | ng    | 0.00     |

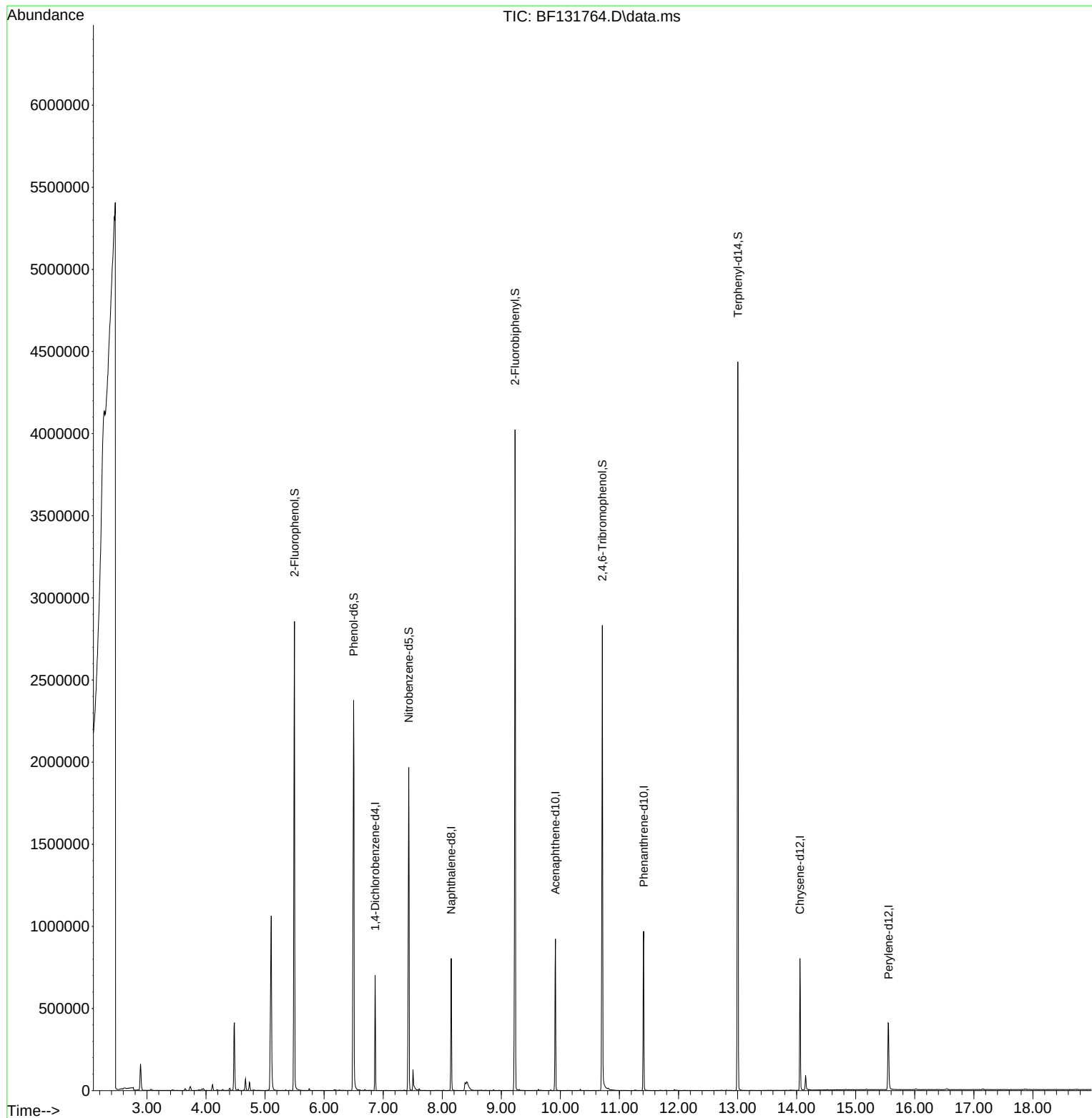
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

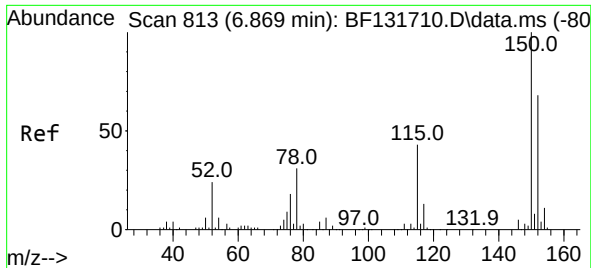
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122122\  
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Sample : N6129-05  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
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D8

Quant Time: Dec 22 05:53:33 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122022.M  
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QLast Update : Wed Dec 21 03:12:37 2022  
Response via : Initial Calibration

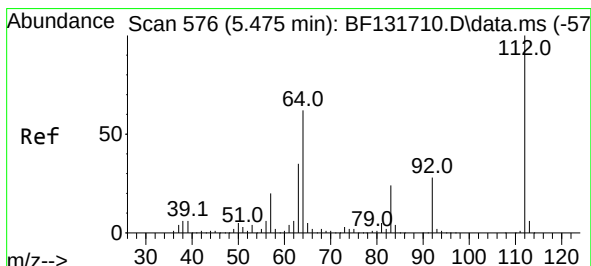
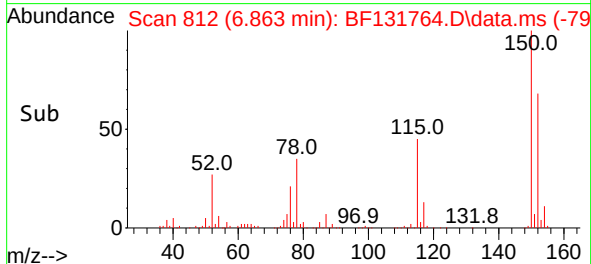
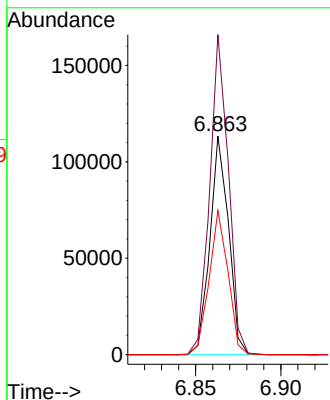
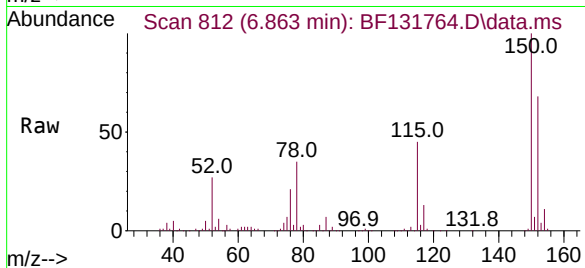




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.863 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF131764.D  
Acq: 22 Dec 2022 01:07

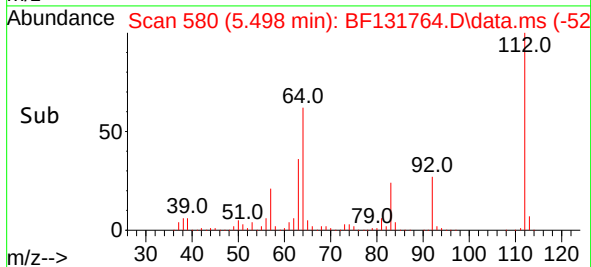
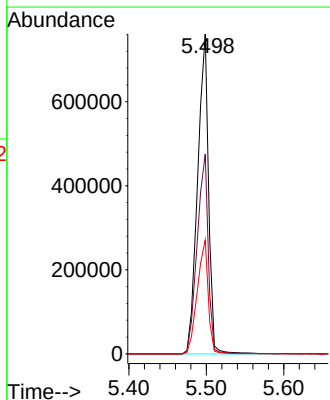
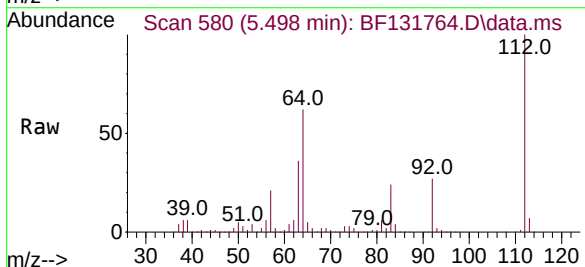
Instrument :  
BNA\_F  
ClientSampleId :  
D8

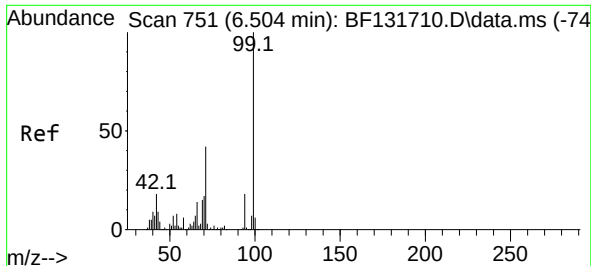
Tgt Ion:152 Resp: 86321  
Ion Ratio Lower Upper  
152 100  
150 146.5 117.4 176.0  
115 65.9 50.2 75.4



#5  
2-Fluorophenol  
Concen: 145.792 ng  
RT: 5.498 min Scan# 580  
Delta R.T. 0.024 min  
Lab File: BF131764.D  
Acq: 22 Dec 2022 01:07

Tgt Ion:112 Resp: 747371  
Ion Ratio Lower Upper  
112 100  
64 62.5 49.5 74.3  
63 35.6 28.2 42.2





#7  
Phenol-d6  
Concen: 131.309 ng  
RT: 6.498 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF131764.D  
Acq: 22 Dec 2022 01:07

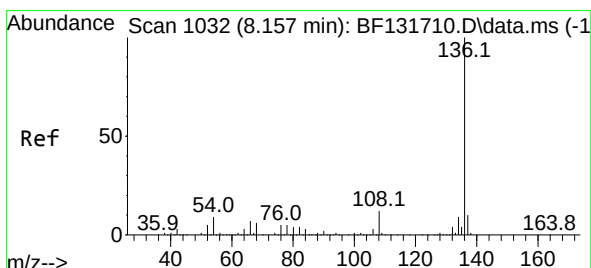
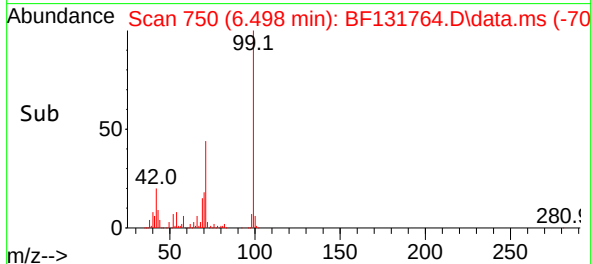
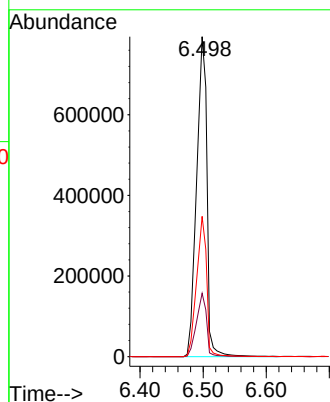
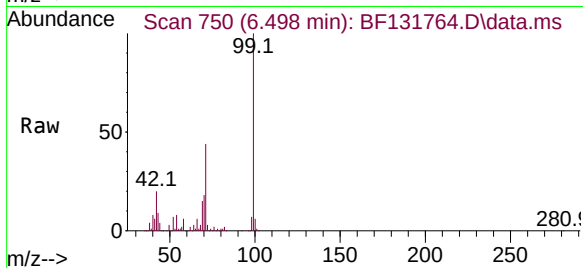
Instrument :

BNA\_F

ClientSampleId :

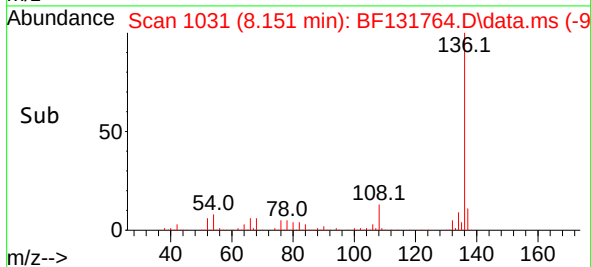
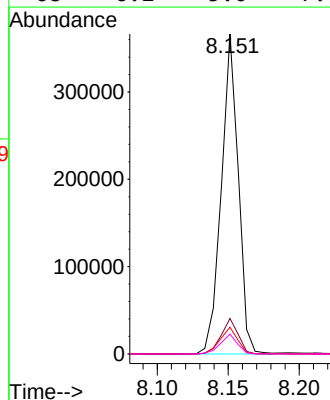
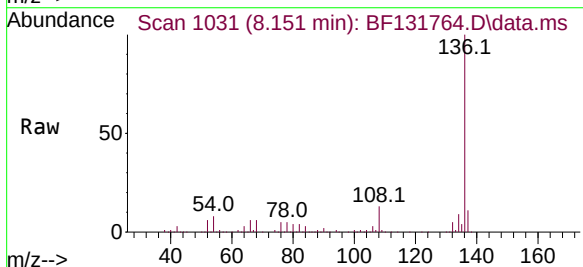
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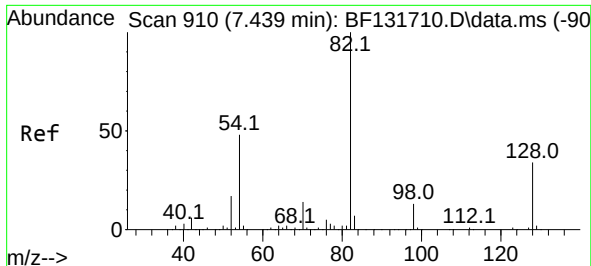
Tgt Ion: 99 Resp: 906013  
Ion Ratio Lower Upper  
99 100  
42 19.8 14.8 22.2  
71 43.8 33.8 50.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.151 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: BF131764.D  
Acq: 22 Dec 2022 01:07

Tgt Ion: 136 Resp: 305415  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.4 12.6  
54 8.4 7.2 10.8  
68 6.2 5.0 7.6

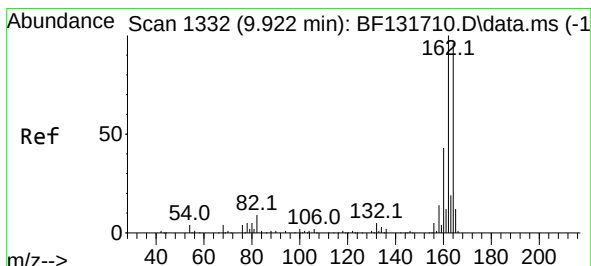
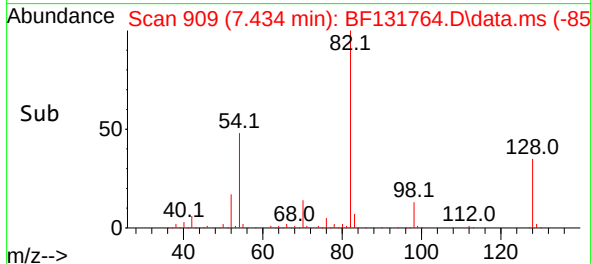
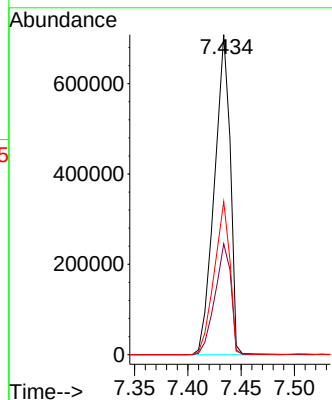
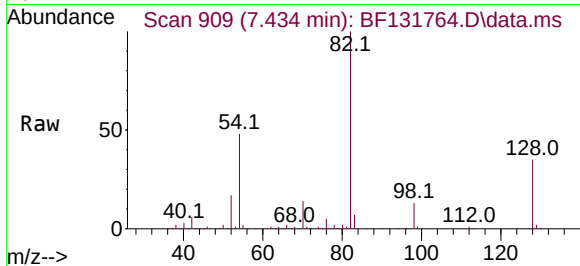




#23  
Nitrobenzene-d5  
Concen: 97.320 ng  
RT: 7.434 min Scan# 909  
Delta R.T. -0.006 min  
Lab File: BF131764.D  
Acq: 22 Dec 2022 01:07

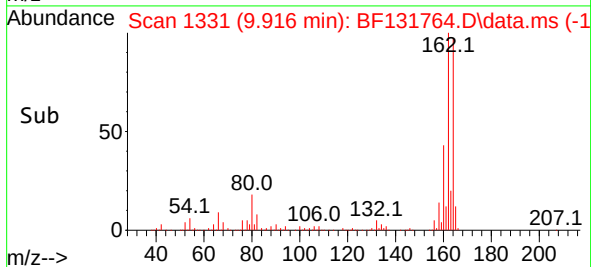
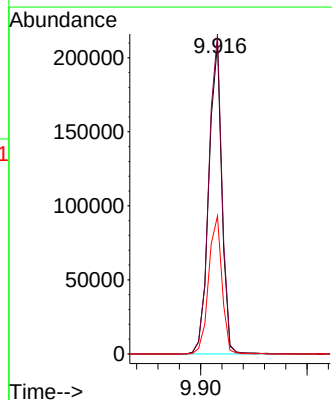
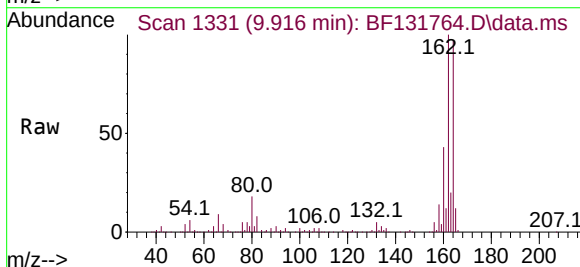
Instrument :  
BNA\_F  
ClientSampleId :  
D8

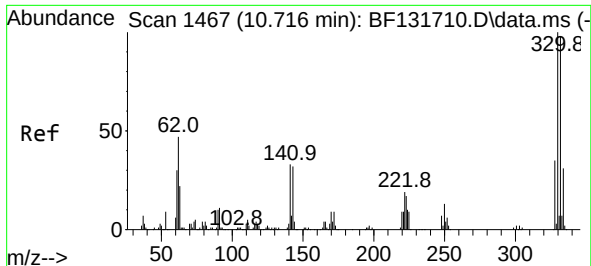
Tgt Ion: 82 Resp: 732158  
Ion Ratio Lower Upper  
82 100  
128 34.6 27.3 40.9  
54 47.8 38.2 57.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.916 min Scan# 1331  
Delta R.T. -0.006 min  
Lab File: BF131764.D  
Acq: 22 Dec 2022 01:07

Tgt Ion:164 Resp: 177995  
Ion Ratio Lower Upper  
164 100  
162 103.1 83.7 125.5  
160 44.4 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 165.067 ng

RT: 10.710 min Scan# 1467

Delta R.T. -0.006 min

Lab File: BF131764.D

Acq: 22 Dec 2022 01:07

Instrument :

BNA\_F

ClientSampleId :

D8

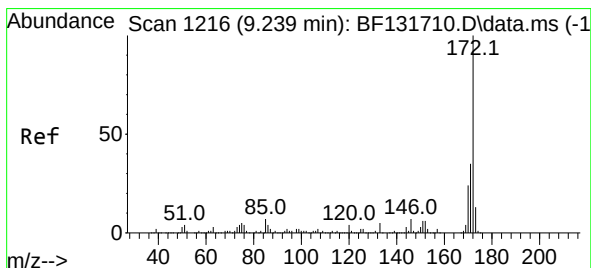
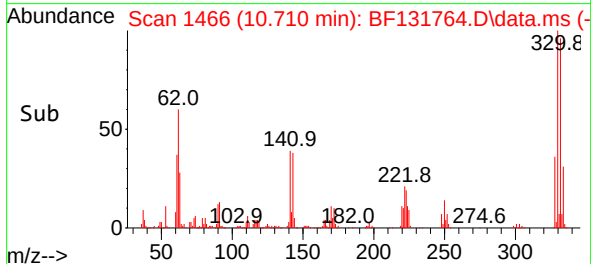
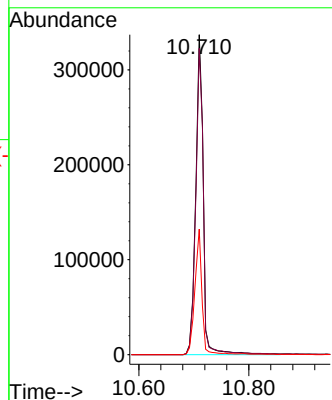
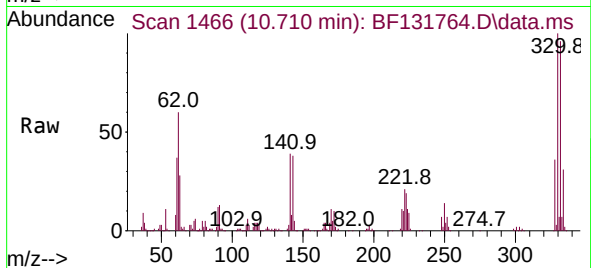
Tgt Ion:330 Resp: 321588

Ion Ratio Lower Upper

330 100

332 96.8 77.1 115.7

141 36.9 30.4 45.6



#45

2-Fluorobiphenyl

Concen: 100.211 ng

RT: 9.233 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF131764.D

Acq: 22 Dec 2022 01:07

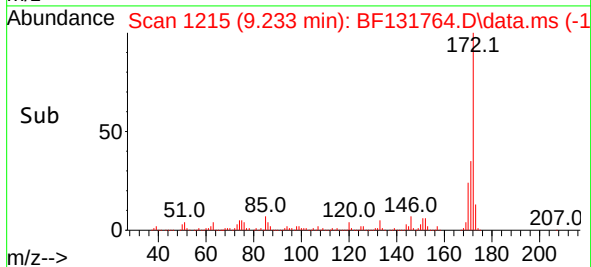
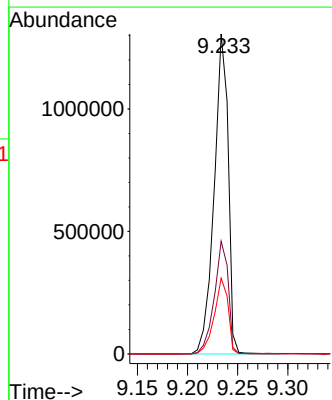
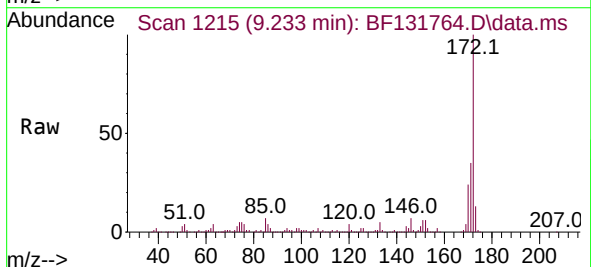
Tgt Ion:172 Resp: 1273332

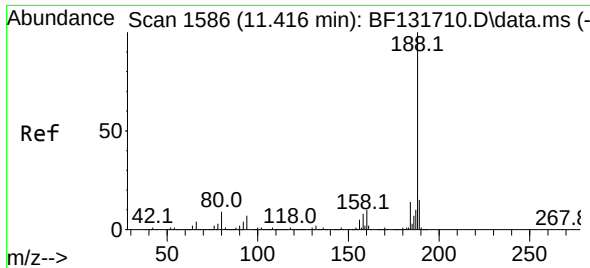
Ion Ratio Lower Upper

172 100

171 35.2 27.9 41.9

170 23.7 19.0 28.4

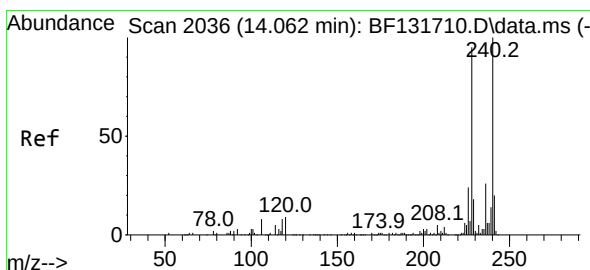
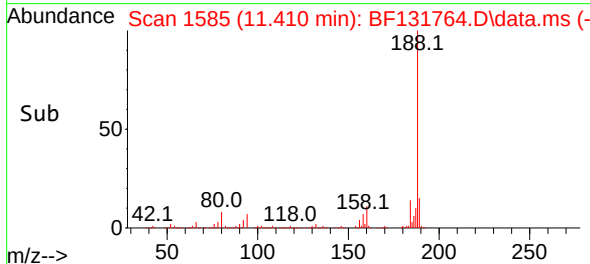
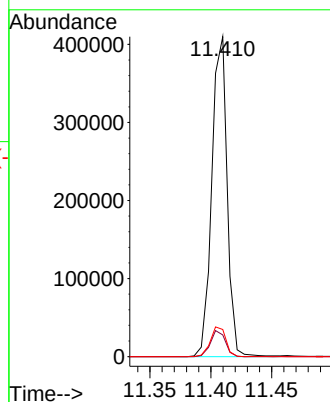
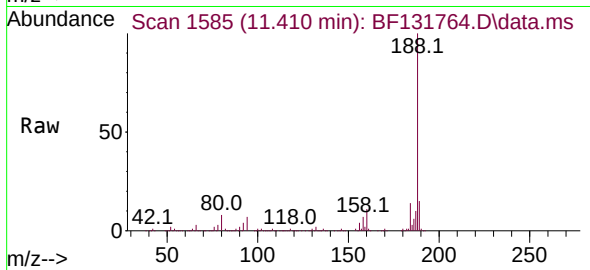




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF131764.D  
Acq: 22 Dec 2022 01:07

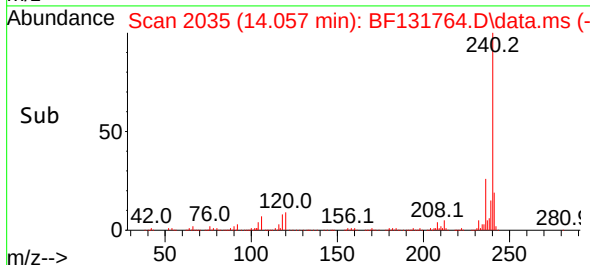
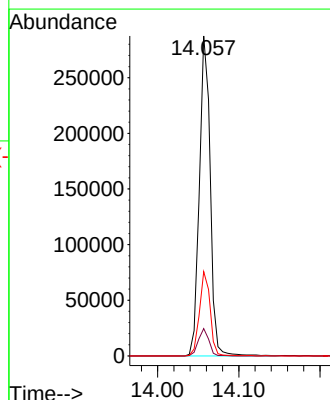
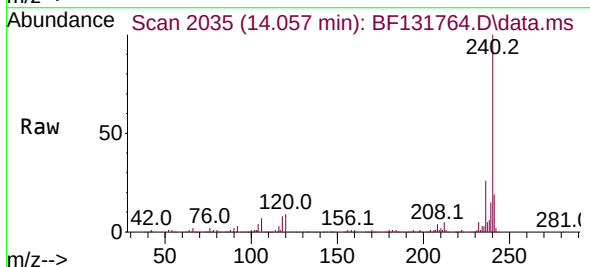
Instrument :  
BNA\_F  
ClientSampleId :  
D8

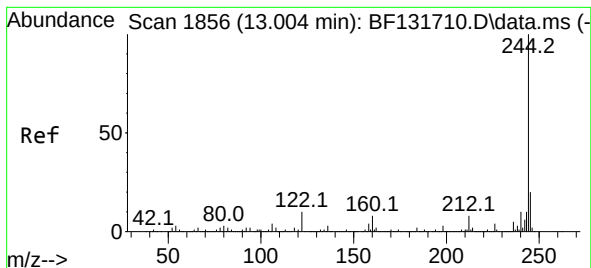
Tgt Ion:188 Resp: 358650  
Ion Ratio Lower Upper  
188 100  
94 6.8 5.9 8.9  
80 8.5 7.0 10.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.057 min Scan# 2035  
Delta R.T. -0.006 min  
Lab File: BF131764.D  
Acq: 22 Dec 2022 01:07

Tgt Ion:240 Resp: 265605  
Ion Ratio Lower Upper  
240 100  
120 8.5 7.6 11.4  
236 26.3 21.2 31.8





#79

Terphenyl-d14

Concen: 96.937 ng

RT: 13.004 min Scan# 1856

Delta R.T. 0.000 min

Lab File: BF131764.D

Acq: 22 Dec 2022 01:07

Instrument :

BNA\_F

ClientSampleId :

D8

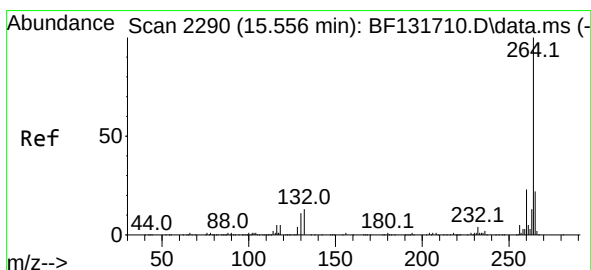
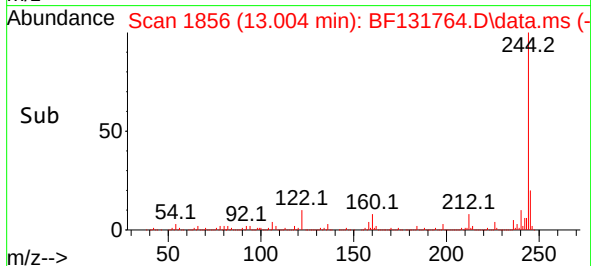
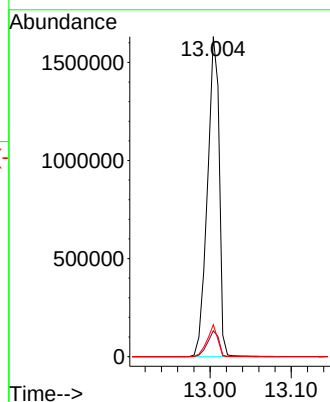
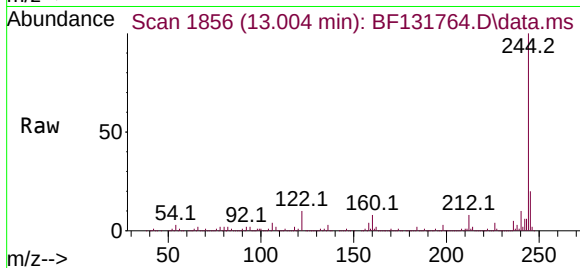
Tgt Ion:244 Resp: 1652011

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

122 10.0 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2290

Delta R.T. 0.000 min

Lab File: BF131764.D

Acq: 22 Dec 2022 01:07

Tgt Ion:264 Resp: 204564

Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 20.6 17.4 26.2

