

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010423\  
 Data File : BF131908.D  
 Acq On : 04 Jan 2023 20:15  
 Operator : CG\JU  
 Sample : N6248-02  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-15

Quant Time: Jan 05 05:45:52 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 30 02:06:40 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.816  | 152  | 65181    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.104  | 136  | 229942   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.863  | 164  | 125861   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.357 | 188  | 212567   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.010 | 240  | 143312   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.486 | 264  | 161211   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.439  | 112  | 592990   | 150.767 | ng    | 0.02     |
| 7) Phenol-d6                | 6.451  | 99   | 710955   | 137.584 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.386  | 82   | 561478   | 97.491  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.657 | 330  | 210646   | 154.039 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.186  | 172  | 967823   | 105.327 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.951 | 244  | 874963   | 103.272 | ng    | 0.00     |

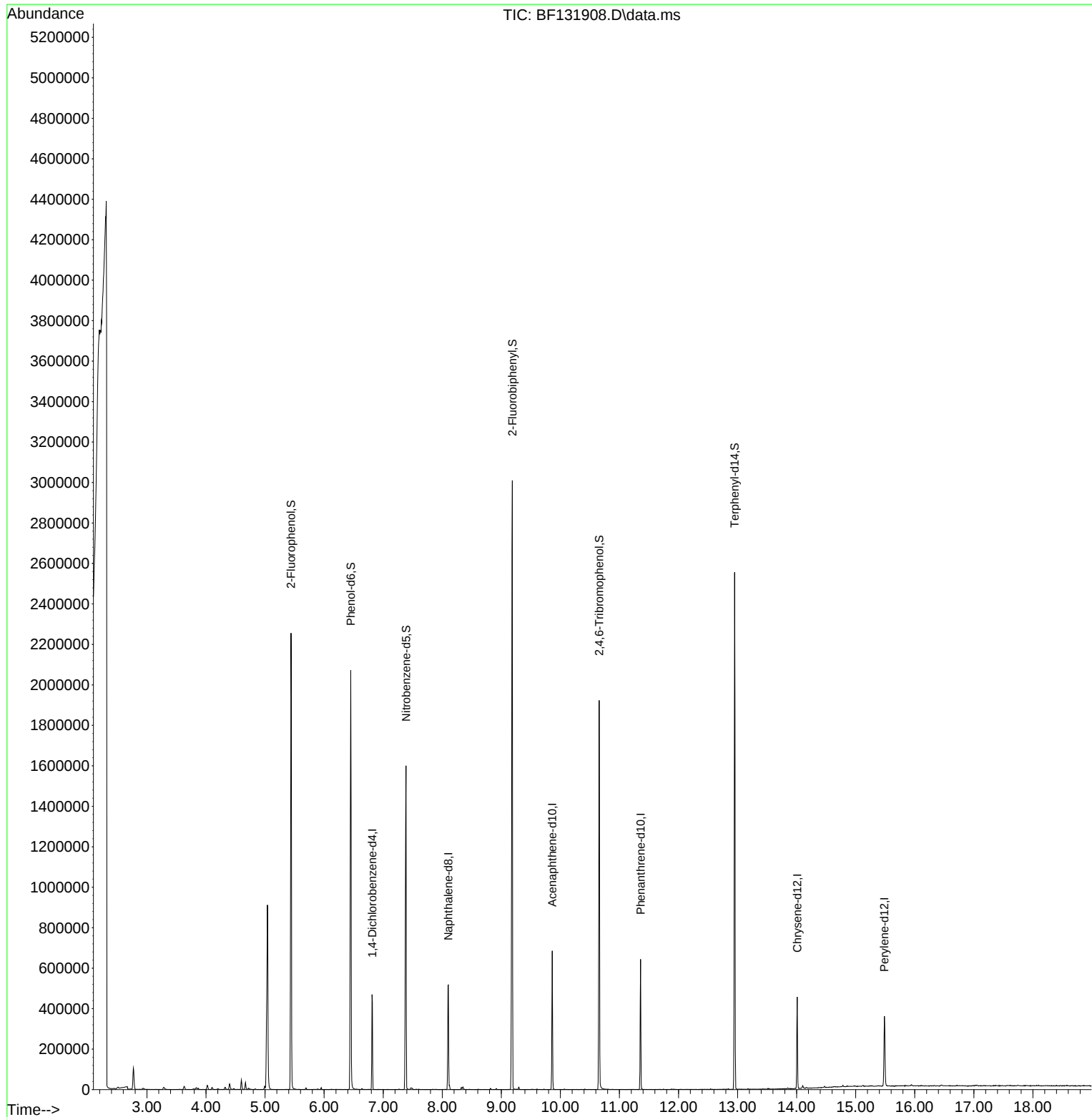
Target Compounds Qvalue

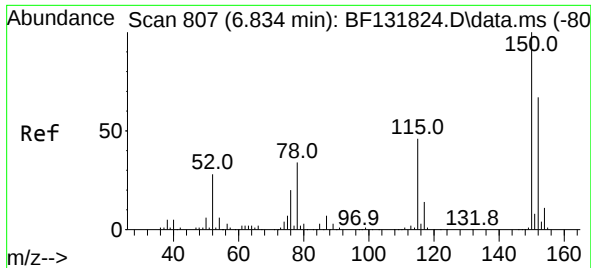
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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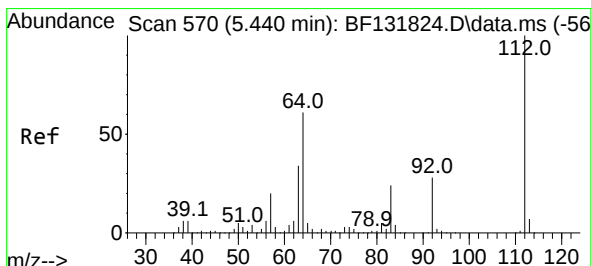
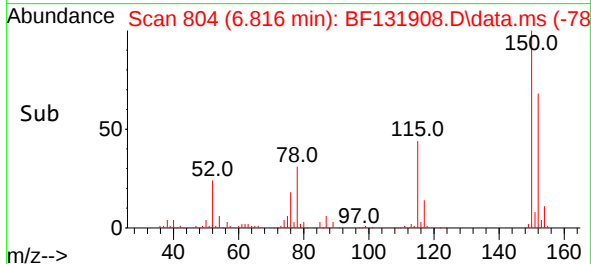
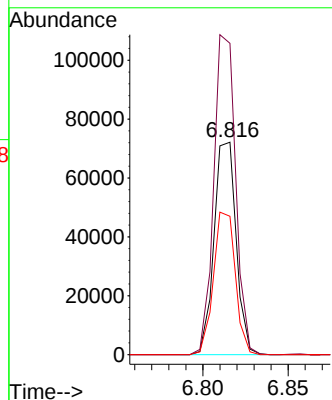
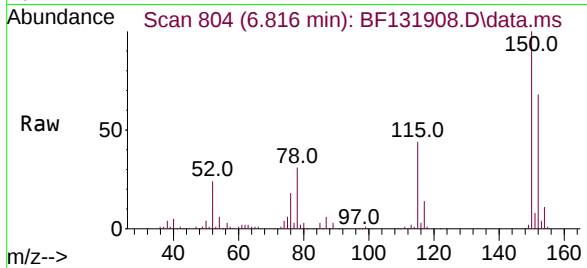




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.816 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: BF131908.D  
Acq: 04 Jan 2023 20:15

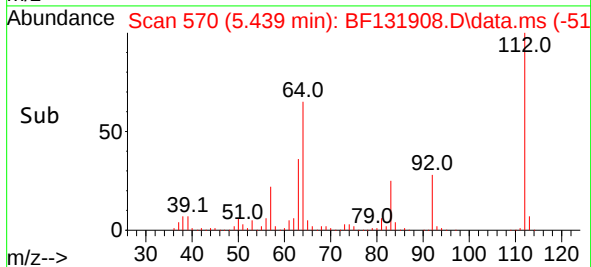
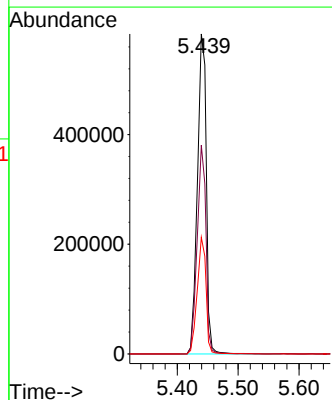
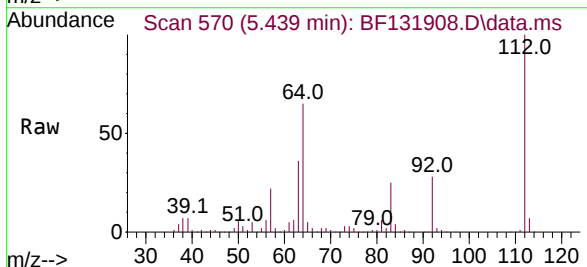
Instrument :  
BNA\_F  
ClientSampleId :  
TP-15

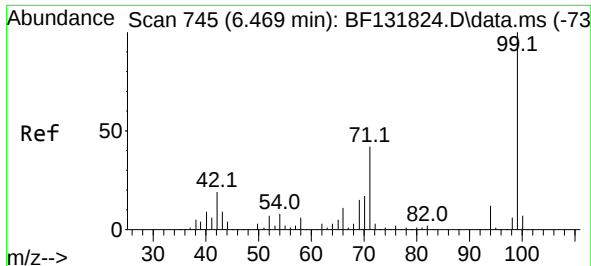
Tgt Ion:152 Resp: 65181  
Ion Ratio Lower Upper  
152 100  
150 146.5 120.0 180.0  
115 65.1 55.1 82.7



#5  
2-Fluorophenol  
Concen: 150.767 ng  
RT: 5.439 min Scan# 570  
Delta R.T. 0.017 min  
Lab File: BF131908.D  
Acq: 04 Jan 2023 20:15

Tgt Ion:112 Resp: 592990  
Ion Ratio Lower Upper  
112 100  
64 65.2 49.2 73.8  
63 36.4 27.5 41.3

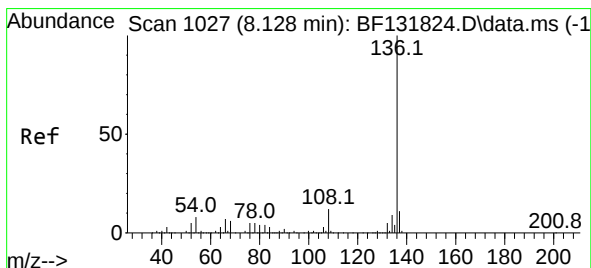
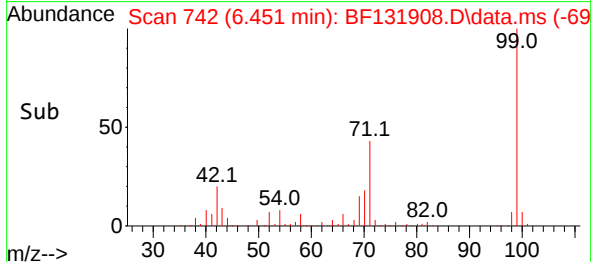
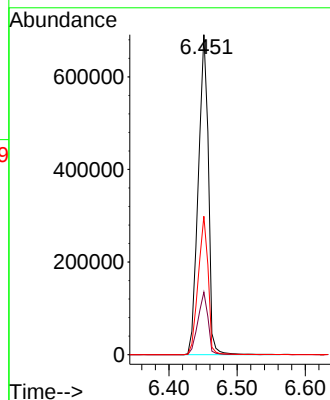
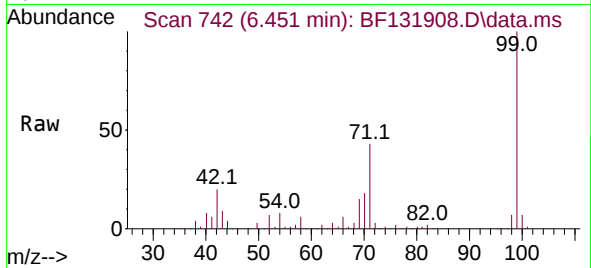




#7  
Phenol-d6  
Concen: 137.584 ng  
RT: 6.451 min Scan# 745  
Delta R.T. -0.000 min  
Lab File: BF131908.D  
Acq: 04 Jan 2023 20:15

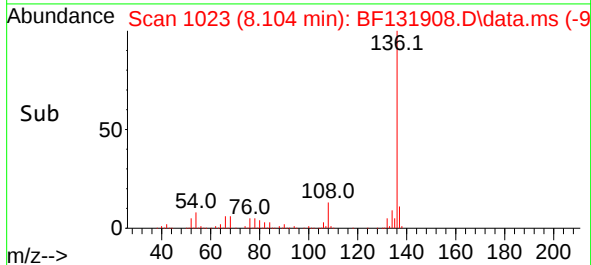
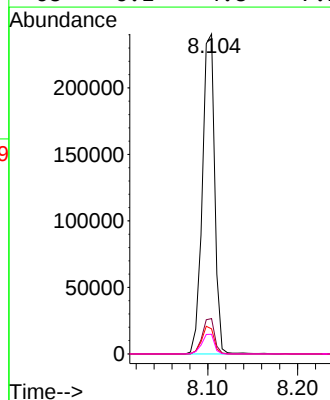
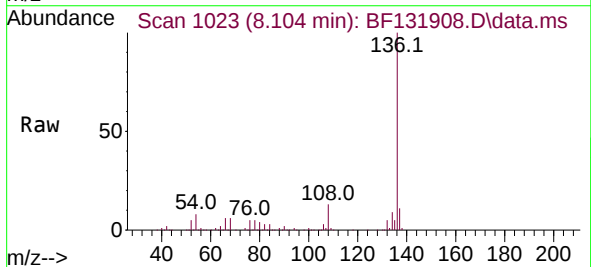
Instrument :  
BNA\_F  
ClientSampleId :  
TP-15

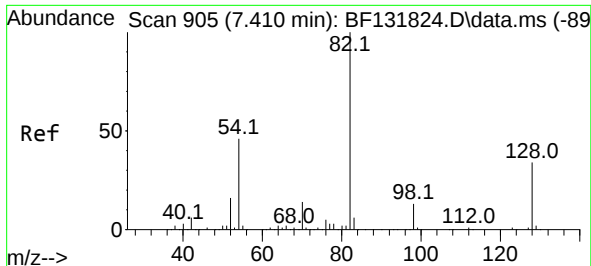
Tgt Ion: 99 Resp: 710955  
Ion Ratio Lower Upper  
99 100  
42 19.5 15.3 22.9  
71 43.2 33.5 50.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.104 min Scan# 1023  
Delta R.T. -0.006 min  
Lab File: BF131908.D  
Acq: 04 Jan 2023 20:15

Tgt Ion: 136 Resp: 229942  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 12.8  
54 7.8 6.7 10.1  
68 6.1 4.8 7.2





#23

Nitrobenzene-d5

Concen: 97.491 ng

RT: 7.386 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF131908.D

Acq: 04 Jan 2023 20:15

Instrument :

BNA\_F

ClientSampleId :

TP-15

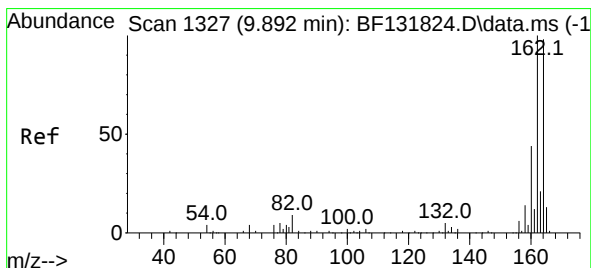
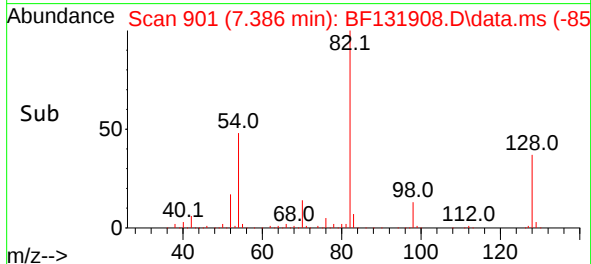
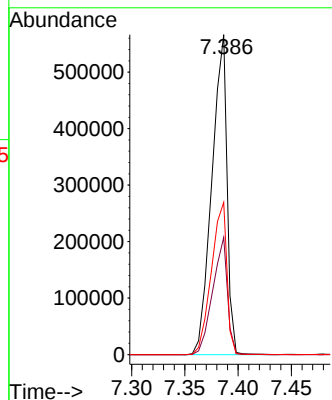
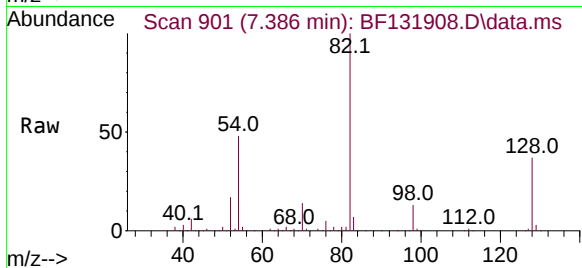
Tgt Ion: 82 Resp: 561478

Ion Ratio Lower Upper

82 100

128 36.7 27.1 40.7

54 47.6 37.0 55.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.012 min

Lab File: BF131908.D

Acq: 04 Jan 2023 20:15

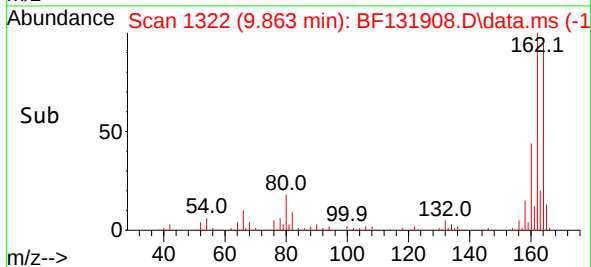
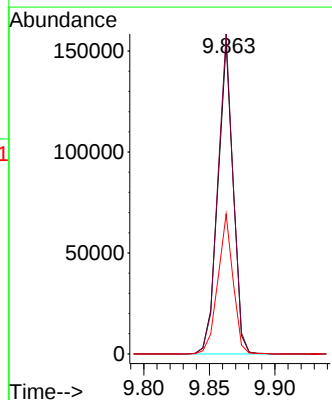
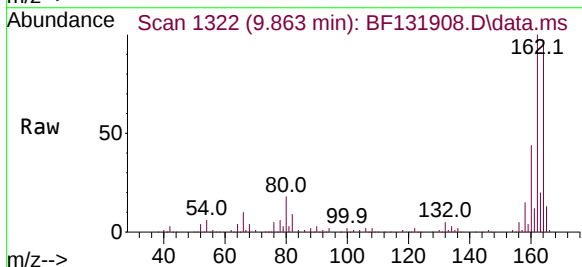
Tgt Ion:164 Resp: 125861

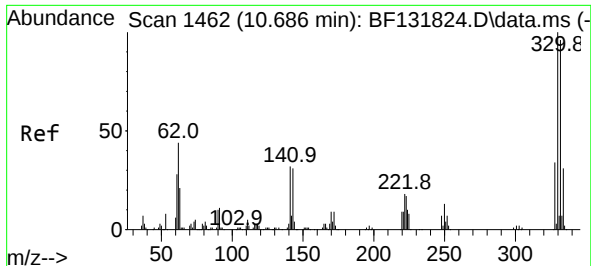
Ion Ratio Lower Upper

164 100

162 102.9 81.8 122.6

160 45.0 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 154.039 ng

RT: 10.657 min Scan# 1462

Delta R.T. -0.012 min

Lab File: BF131908.D

Acq: 04 Jan 2023 20:15

Instrument :

BNA\_F

ClientSampleId :

TP-15

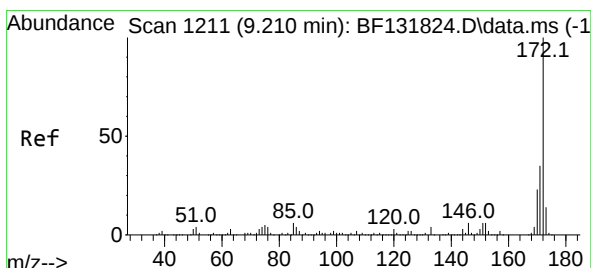
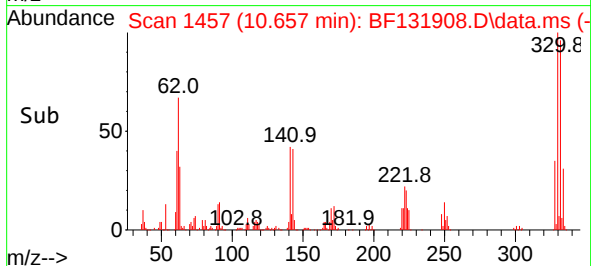
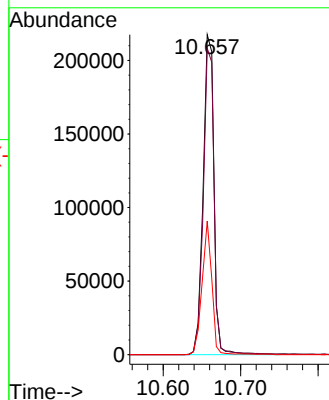
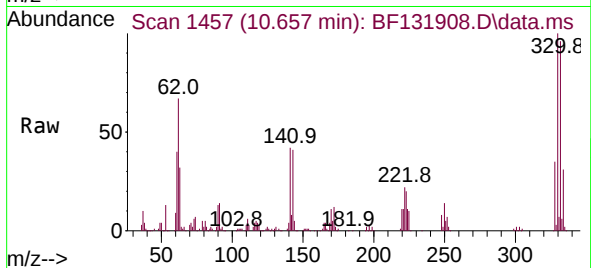
Tgt Ion:330 Resp: 210646

Ion Ratio Lower Upper

330 100

332 95.2 77.0 115.4

141 37.7 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 105.327 ng

RT: 9.186 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BF131908.D

Acq: 04 Jan 2023 20:15

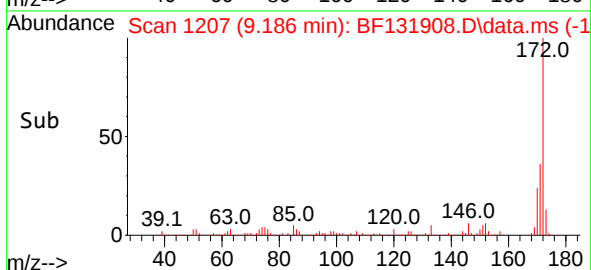
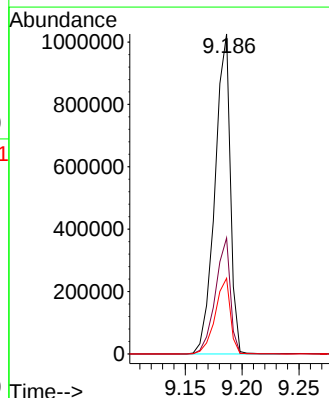
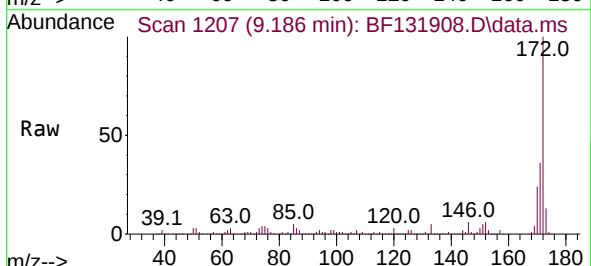
Tgt Ion:172 Resp: 967823

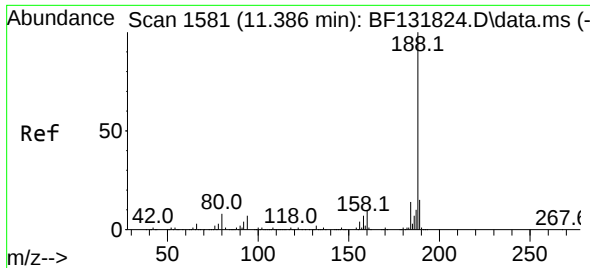
Ion Ratio Lower Upper

172 100

171 36.2 27.9 41.9

170 23.6 18.7 28.1

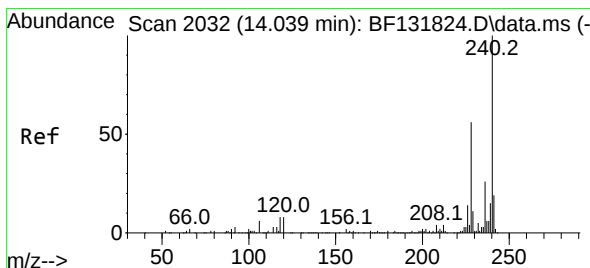
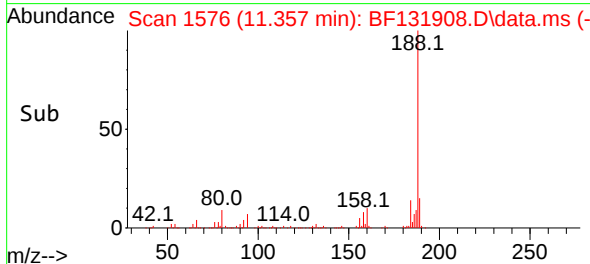
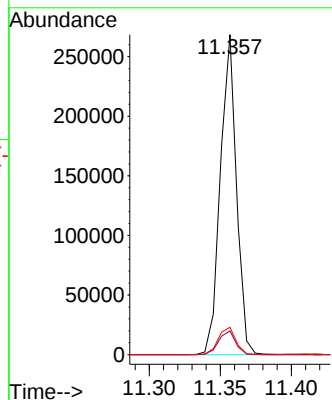
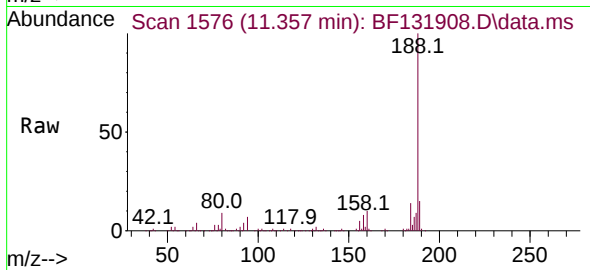




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.357 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF131908.D  
Acq: 04 Jan 2023 20:15

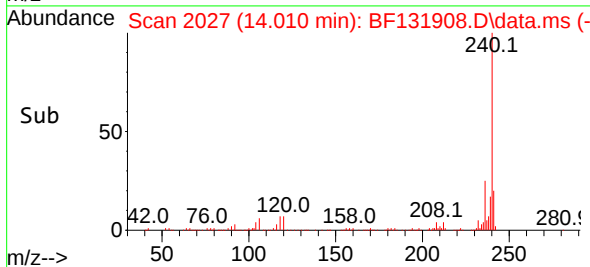
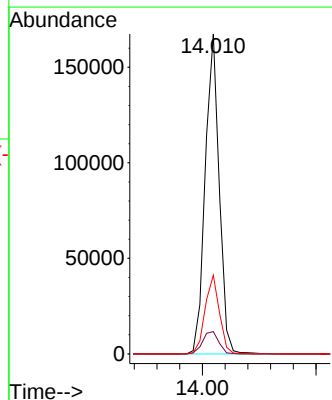
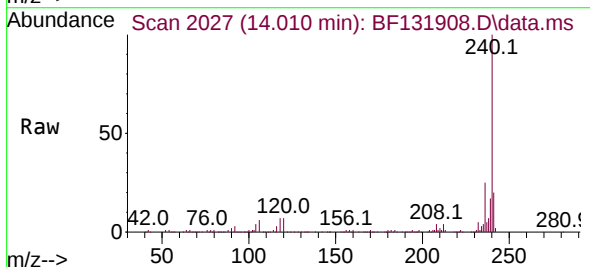
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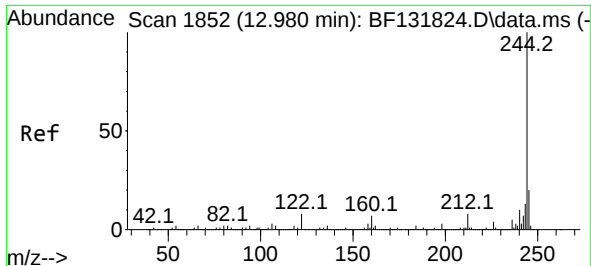
Tgt Ion:188 Resp: 212567  
Ion Ratio Lower Upper  
188 100  
94 7.4 5.8 8.6  
80 8.5 6.7 10.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.010 min Scan# 2027  
Delta R.T. -0.006 min  
Lab File: BF131908.D  
Acq: 04 Jan 2023 20:15

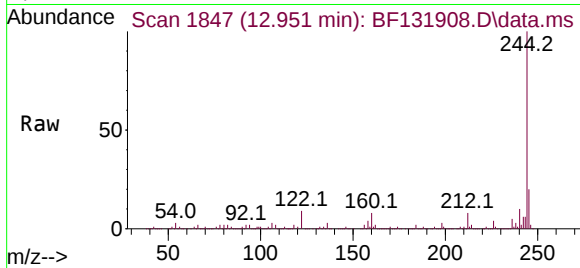
Tgt Ion:240 Resp: 143312  
Ion Ratio Lower Upper  
240 100  
120 7.0 6.7 10.1  
236 24.6 20.6 31.0



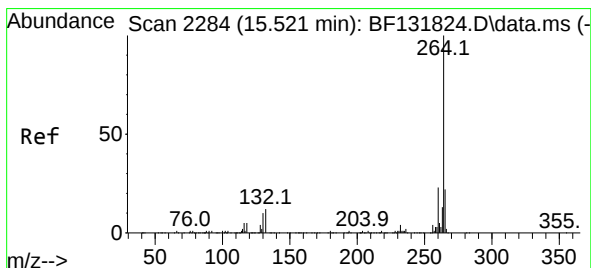
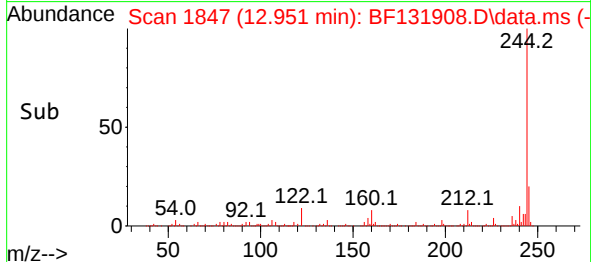
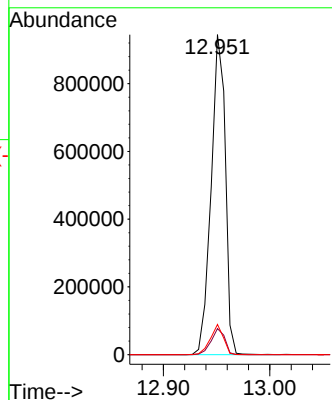


#79  
 Terphenyl-d14  
 Concen: 103.272 ng  
 RT: 12.951 min Scan# 1852  
 Delta R.T. -0.006 min  
 Lab File: BF131908.D  
 Acq: 04 Jan 2023 20:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-15



Tgt Ion:244 Resp: 874963  
 Ion Ratio Lower Upper  
 244 100  
 212 8.1 6.3 9.5  
 122 9.4 6.4 9.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.486 min Scan# 2278  
 Delta R.T. -0.006 min  
 Lab File: BF131908.D  
 Acq: 04 Jan 2023 20:15

Tgt Ion:264 Resp: 161211  
 Ion Ratio Lower Upper  
 264 100  
 260 23.1 18.6 28.0  
 265 20.8 17.4 26.0

