

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111122\  
 Data File : BF131161.D  
 Acq On : 11 Nov 2022 19:17  
 Operator : CG\JU  
 Sample : N5506-04  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-6

Quant Time: Nov 12 00:06:11 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF110922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Nov 12 00:03:31 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.869  | 152  | 102360   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.157  | 136  | 349431   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.916  | 164  | 169564   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.404 | 188  | 224984   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.051 | 240  | 141665   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12            | 15.545 | 264  | 127017   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.498  | 112  | 563889   | 93.685 | ng    | 0.01     |
| 7) Phenol-d6                | 6.504  | 99   | 644967   | 81.962 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.439  | 82   | 483021   | 62.368 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.710 | 330  | 124445   | 71.014 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.233  | 172  | 666502   | 54.871 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.992 | 244  | 455550   | 56.381 | ng    | 0.00     |

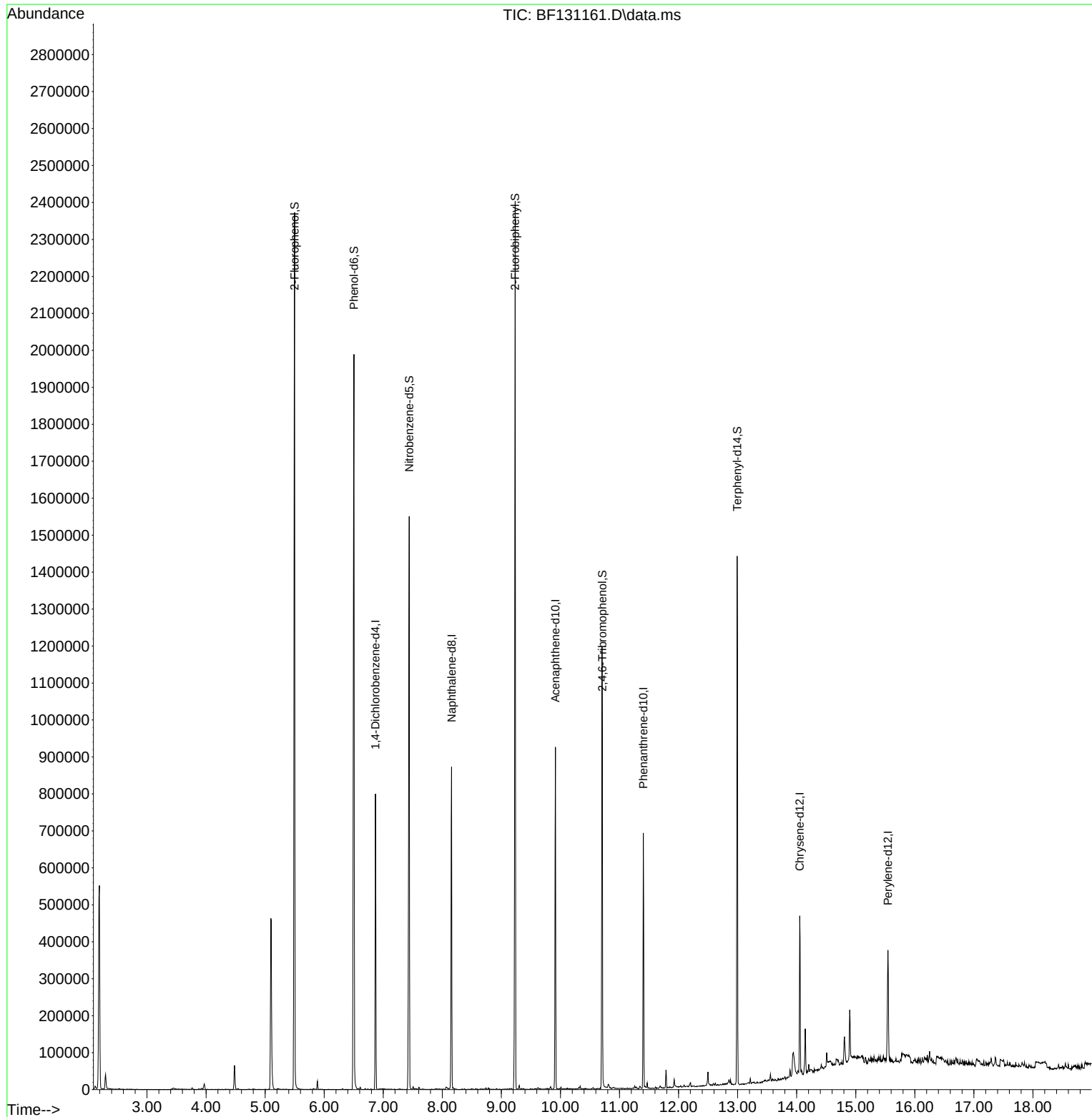
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

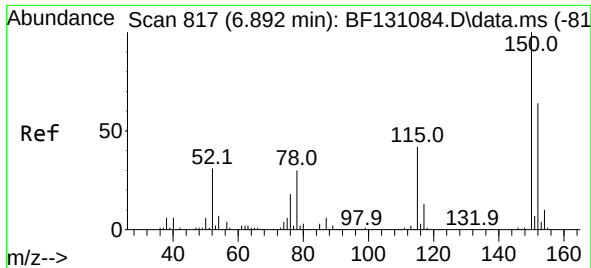
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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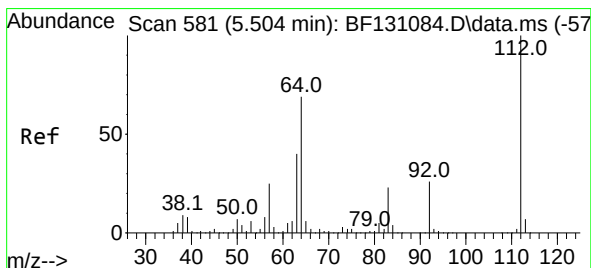
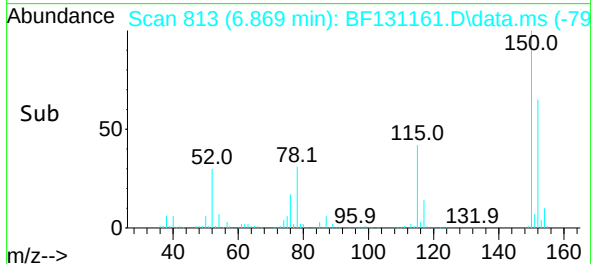
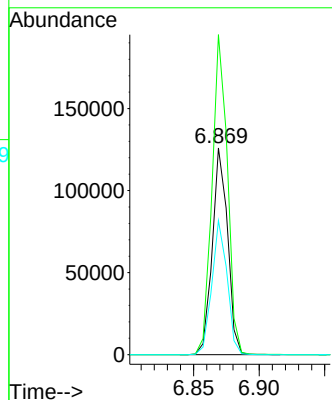
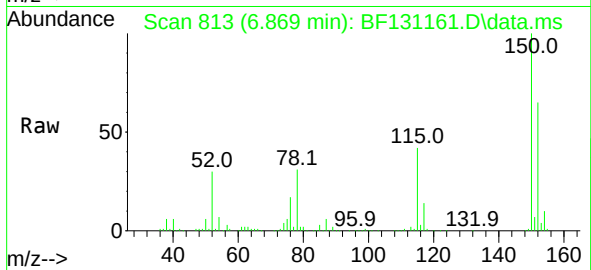




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.869 min Scan# 81  
 Delta R.T. -0.006 min  
 Lab File: BF131161.D  
 Acq: 11 Nov 2022 19:17

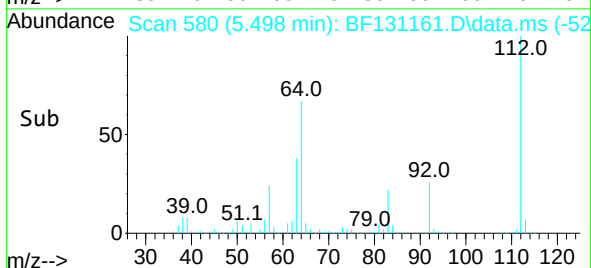
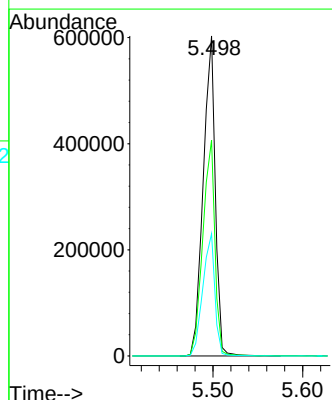
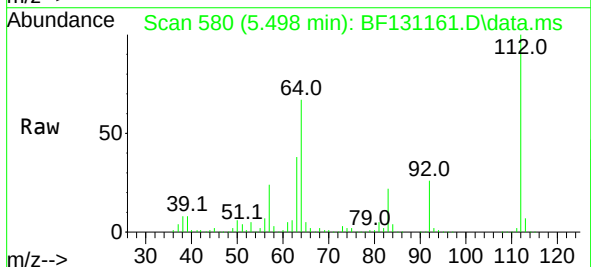
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-6

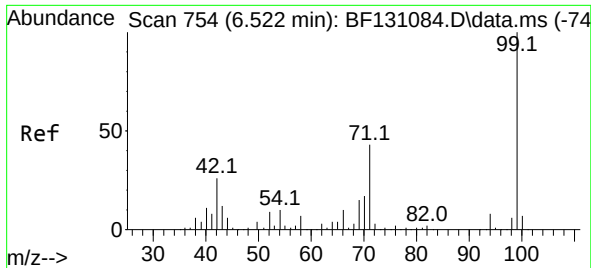
Tgt Ion:152 Resp: 102360  
 Ion Ratio Lower Upper  
 152 100  
 150 154.7 125.5 188.3  
 115 64.8 52.2 78.2



#5  
 2-Fluorophenol  
 Concen: 93.685 ng  
 RT: 5.498 min Scan# 580  
 Delta R.T. 0.012 min  
 Lab File: BF131161.D  
 Acq: 11 Nov 2022 19:17

Tgt Ion:112 Resp: 563889  
 Ion Ratio Lower Upper  
 112 100  
 64 67.5 55.1 82.7  
 63 38.2 32.4 48.6

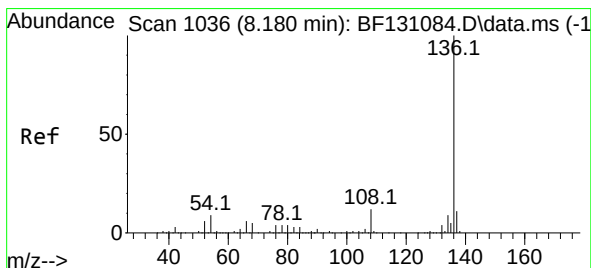
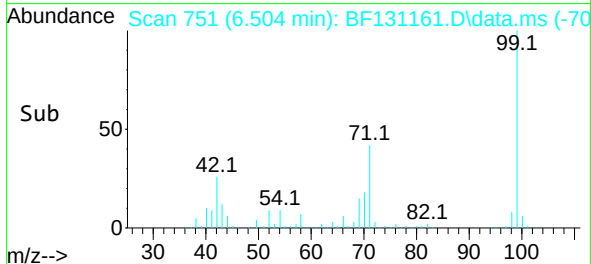
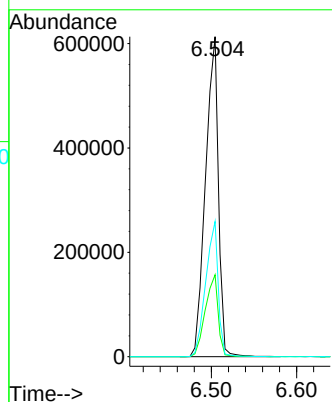
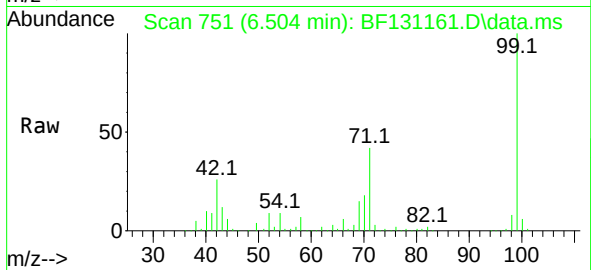




#7  
Phenol-d6  
Concen: 81.962 ng  
RT: 6.504 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF131161.D  
Acq: 11 Nov 2022 19:17

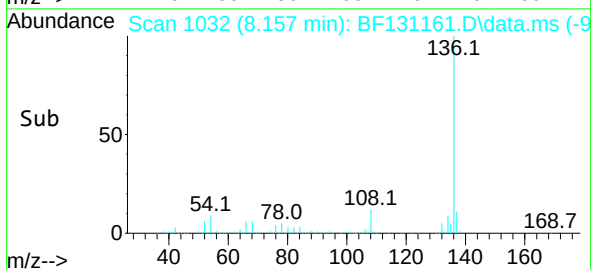
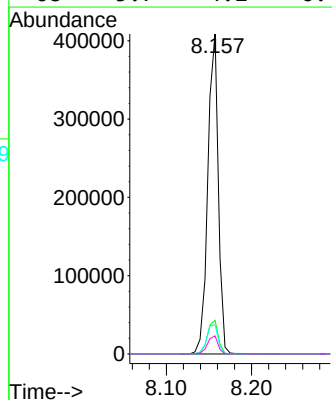
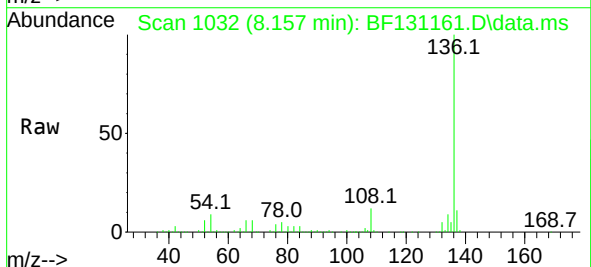
Instrument :  
BNA\_F  
ClientSampleId :  
TP-6

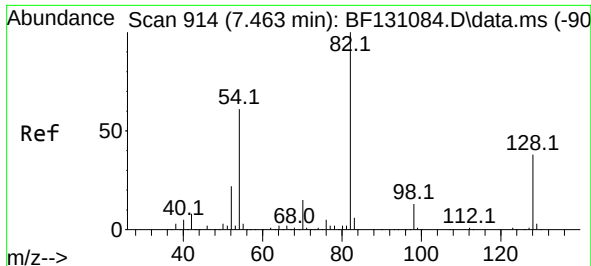
Tgt Ion: 99 Resp: 644967  
Ion Ratio Lower Upper  
99 100  
42 25.6 20.8 31.2  
71 42.2 34.2 51.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 1032  
Delta R.T. -0.000 min  
Lab File: BF131161.D  
Acq: 11 Nov 2022 19:17

Tgt Ion: 136 Resp: 349431  
Ion Ratio Lower Upper  
136 100  
137 10.5 8.6 12.8  
54 9.1 7.2 10.8  
68 5.7 4.2 6.4





#23

Nitrobenzene-d5

Concen: 62.368 ng

RT: 7.439 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF131161.D

Acq: 11 Nov 2022 19:17

Instrument :

BNA\_F

ClientSampleId :

TP-6

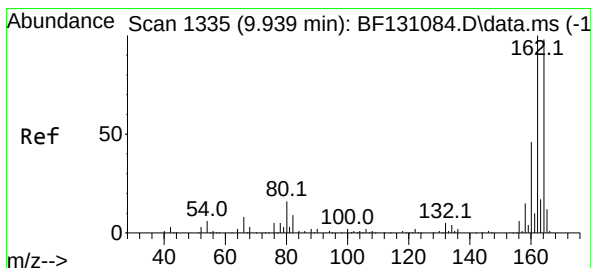
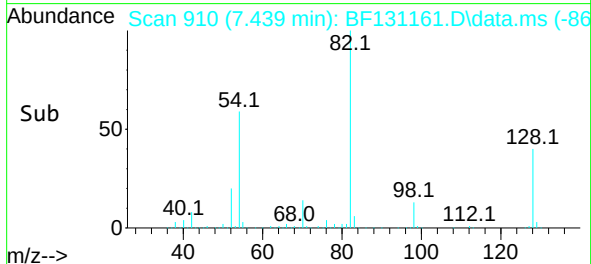
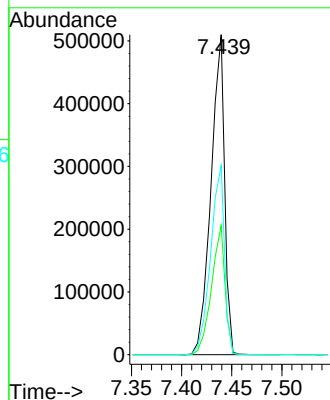
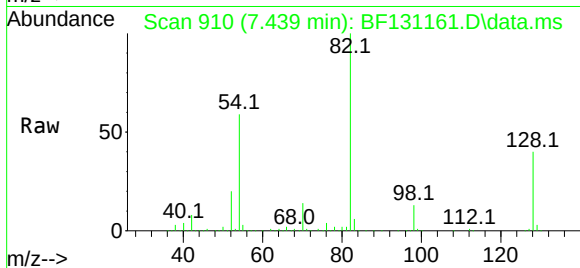
Tgt Ion: 82 Resp: 483021

Ion Ratio Lower Upper

82 100

128 40.3 30.5 45.7

54 59.1 49.1 73.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1331

Delta R.T. -0.006 min

Lab File: BF131161.D

Acq: 11 Nov 2022 19:17

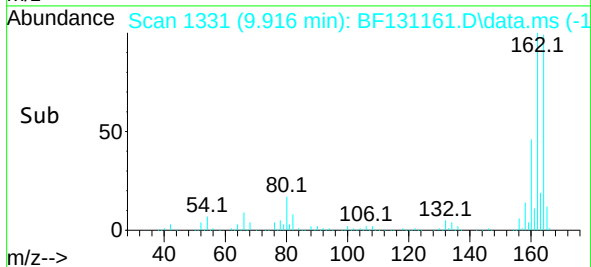
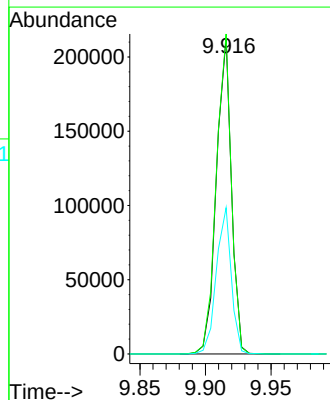
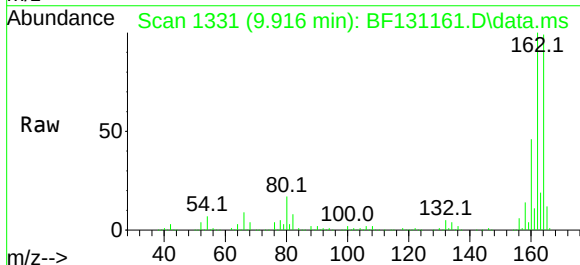
Tgt Ion:164 Resp: 169564

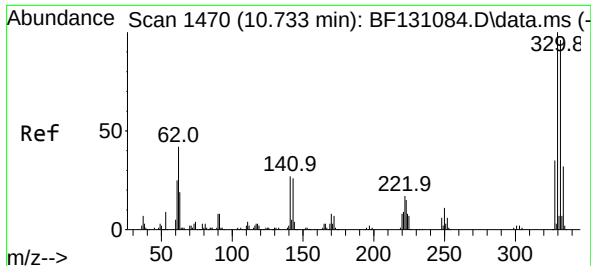
Ion Ratio Lower Upper

164 100

162 101.2 81.7 122.5

160 46.2 37.4 56.2

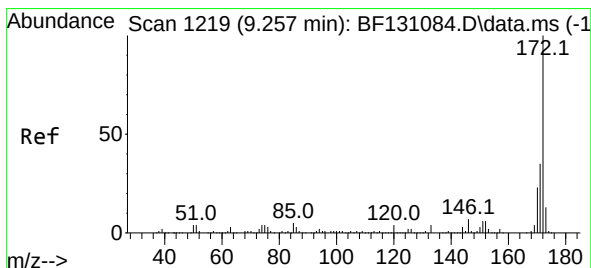
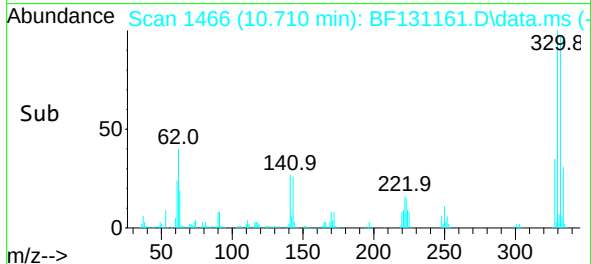
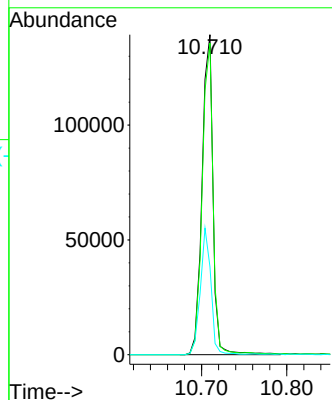
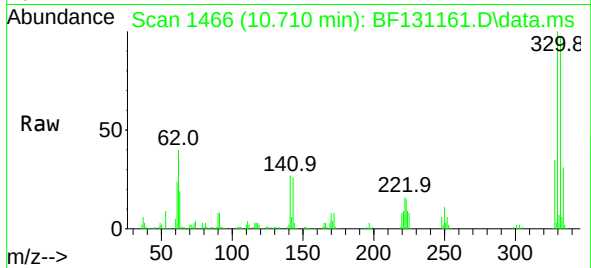




#42  
2,4,6-Tribromophenol  
Concen: 71.014 ng  
RT: 10.710 min Scan# 1466  
Delta R.T. -0.000 min  
Lab File: BF131161.D  
Acq: 11 Nov 2022 19:17

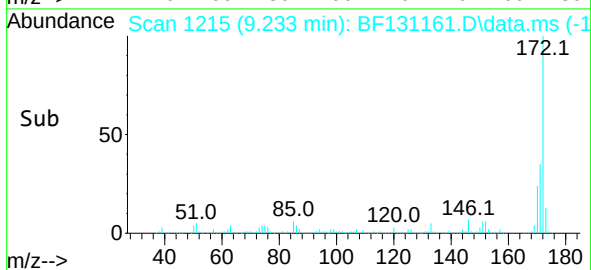
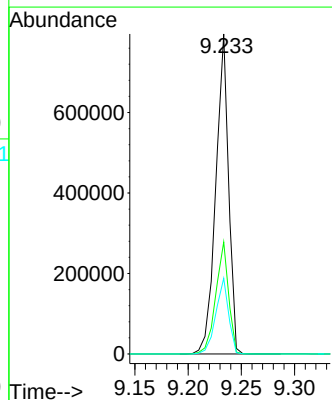
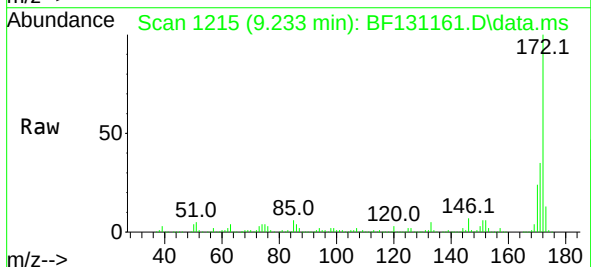
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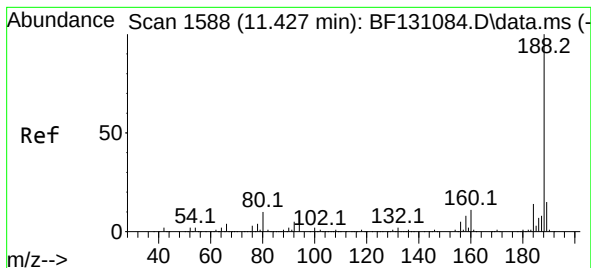
Tgt Ion: 330 Resp: 124445  
Ion Ratio Lower Upper  
330 100  
332 97.1 77.0 115.4  
141 38.3 28.5 42.7



#45  
2-Fluorobiphenyl  
Concen: 54.871 ng  
RT: 9.233 min Scan# 1215  
Delta R.T. -0.006 min  
Lab File: BF131161.D  
Acq: 11 Nov 2022 19:17

Tgt Ion: 172 Resp: 666502  
Ion Ratio Lower Upper  
172 100  
171 35.0 27.7 41.5  
170 23.7 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131161.D

Acq: 11 Nov 2022 19:17

Instrument :

BNA\_F

ClientSampleId :

TP-6

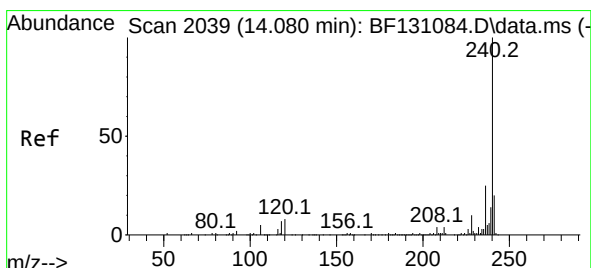
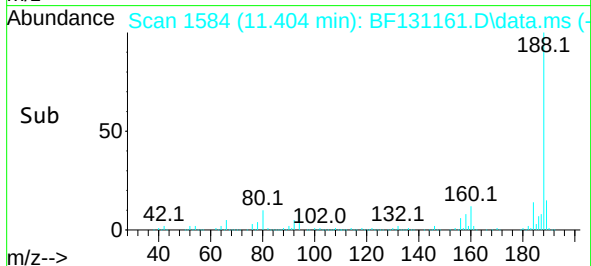
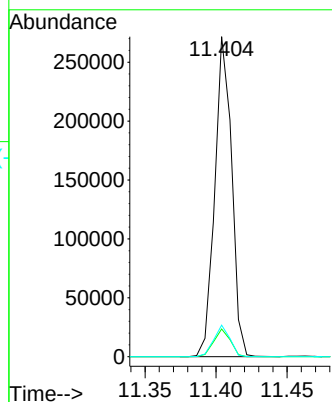
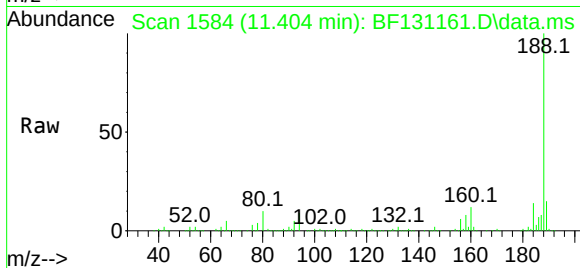
Tgt Ion:188 Resp: 224984

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.6

80 9.8 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BF131161.D

Acq: 11 Nov 2022 19:17

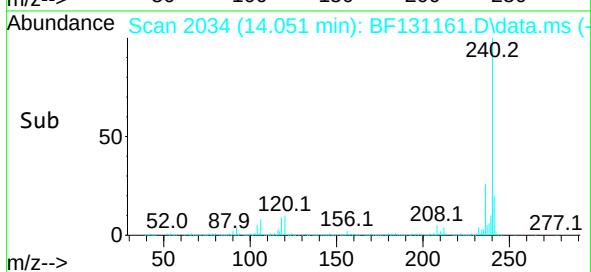
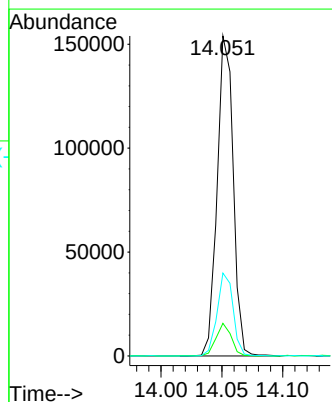
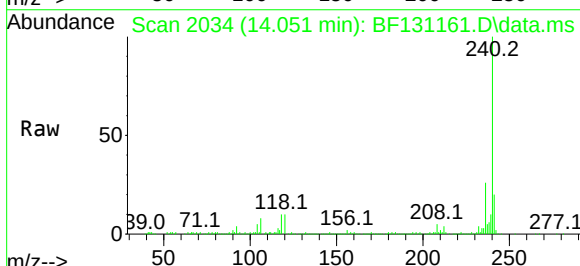
Tgt Ion:240 Resp: 141665

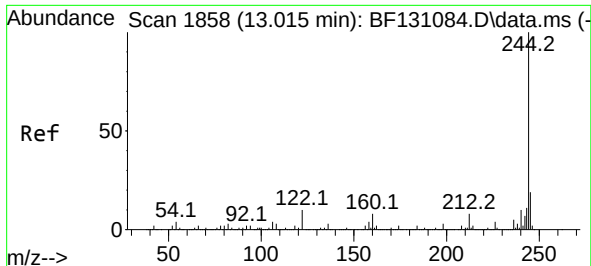
Ion Ratio Lower Upper

240 100

120 10.2 6.5 9.7#

236 25.9 19.7 29.5

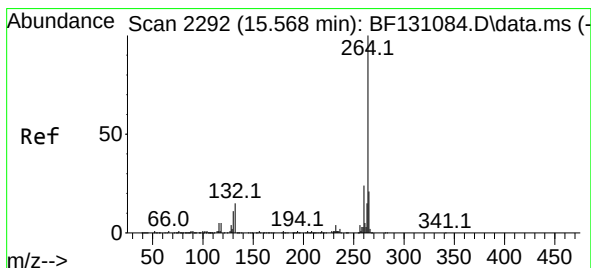
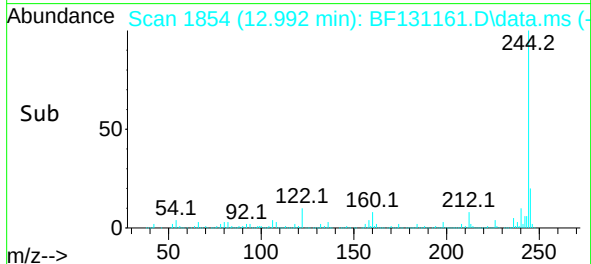
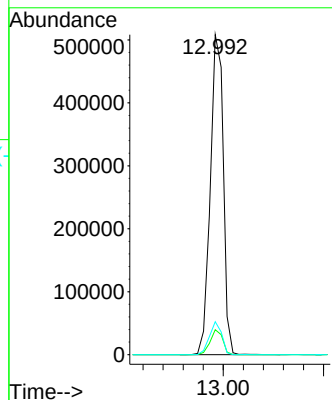
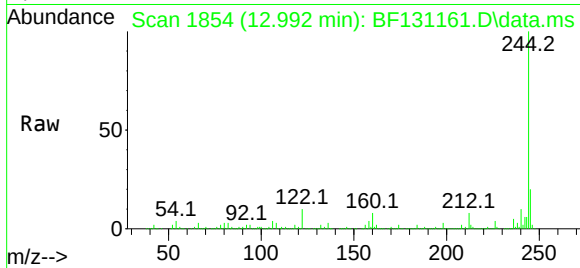




#79  
 Terphenyl-d14  
 Concen: 56.381 ng  
 RT: 12.992 min Scan# 1854  
 Delta R.T. -0.006 min  
 Lab File: BF131161.D  
 Acq: 11 Nov 2022 19:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
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Tgt Ion:244 Resp: 455550  
 Ion Ratio Lower Upper  
 244 100  
 212 7.8 6.2 9.2  
 122 10.3 7.8 11.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.545 min Scan# 2288  
 Delta R.T. -0.000 min  
 Lab File: BF131161.D  
 Acq: 11 Nov 2022 19:17

Tgt Ion:264 Resp: 127017  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 19.1 28.7  
 265 22.0 16.7 25.1

