

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111022\  
 Data File : BF131141.D  
 Acq On : 11 Nov 2022 00:45  
 Operator : CG\JU  
 Sample : N5491-04  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-2

Quant Time: Nov 11 01:48:54 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF110922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 10 04:15:17 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.887  | 152  | 60172    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.175  | 136  | 198922   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.934  | 164  | 88028    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.422 | 188  | 166049   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.074 | 240  | 134518   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 15.568 | 264  | 84861    | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.504  | 112  | 355923   | 100.593 | ng    | 0.00     |
| 7) Phenol-d6                | 6.516  | 99   | 411928   | 89.050  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.451  | 82   | 270932   | 61.452  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.722 | 330  | 83967    | 92.297  | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.245  | 172  | 402340   | 63.804  | ng    | -0.01    |
| 79) Terphenyl-d14           | 13.016 | 244  | 468244   | 61.031  | ng    | 0.00     |

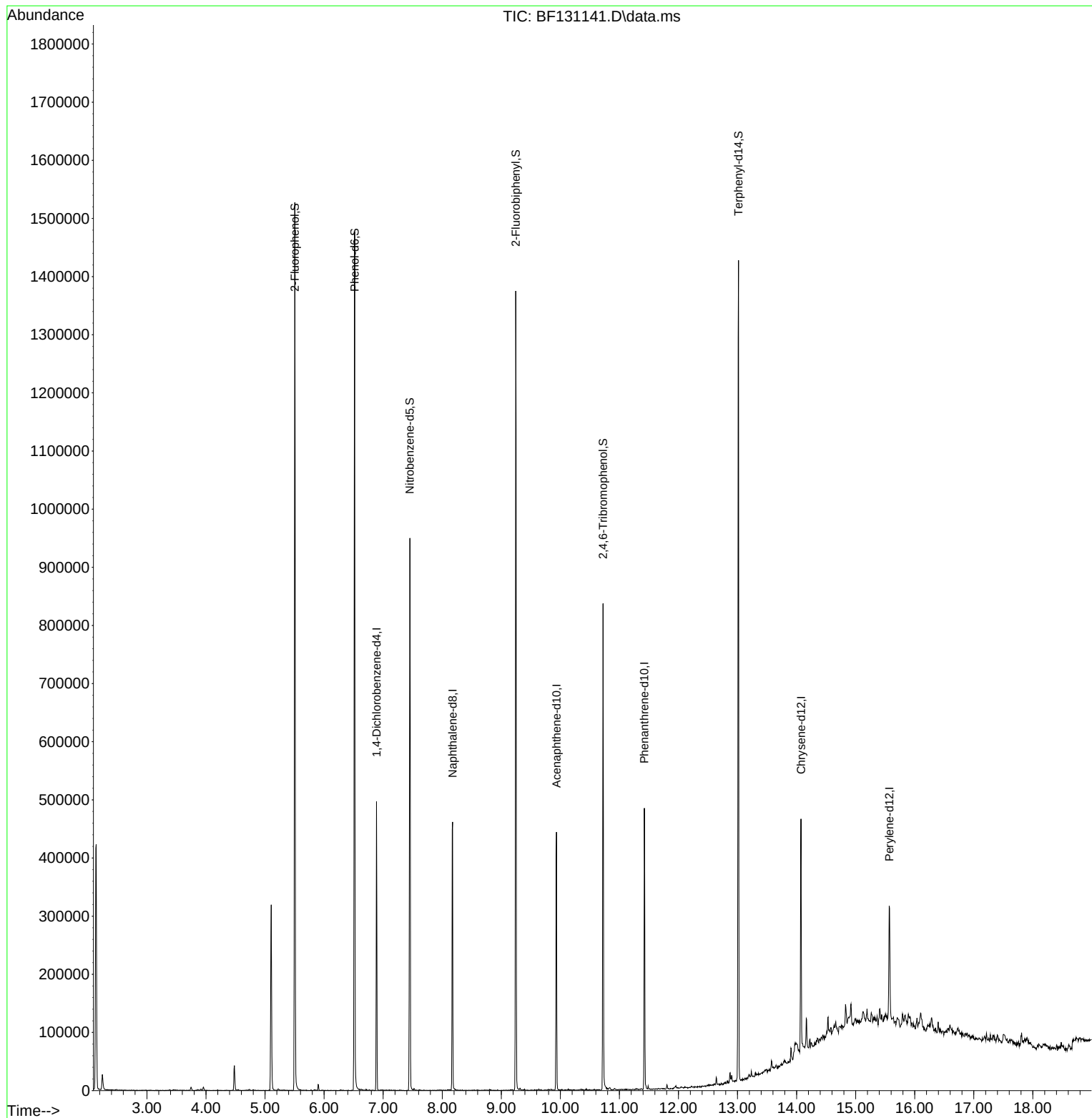
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

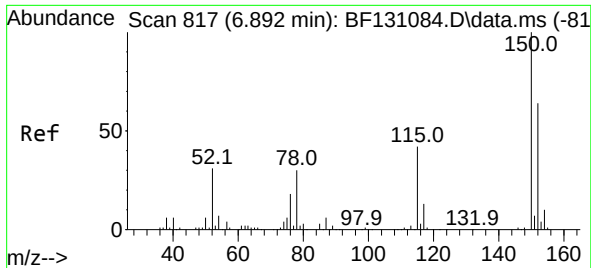
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 10 04:15:17 2022  
Response via : Initial Calibration

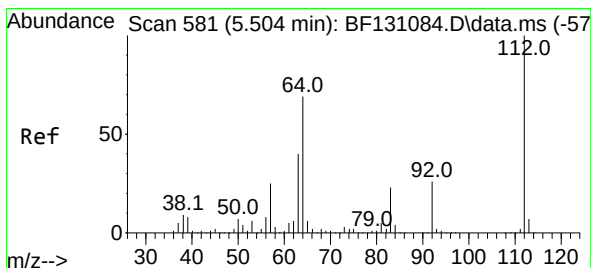
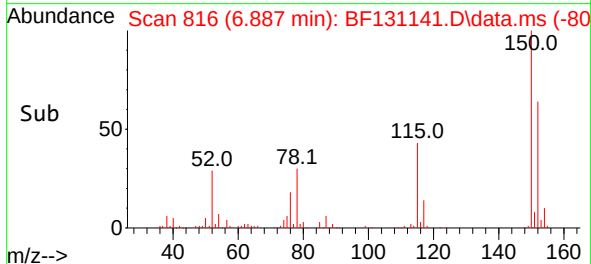
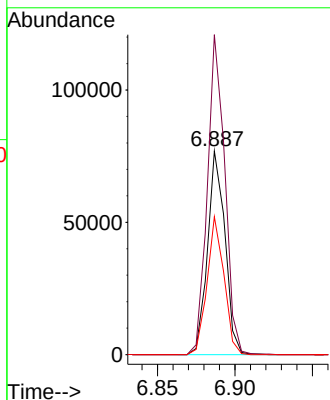
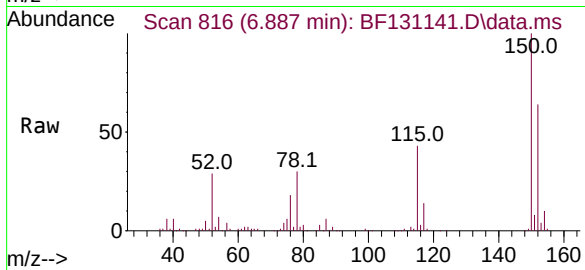




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.887 min Scan# 817  
Delta R.T. -0.005 min  
Lab File: BF131141.D  
Acq: 11 Nov 2022 00:45

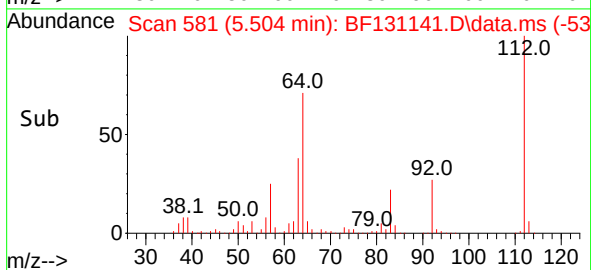
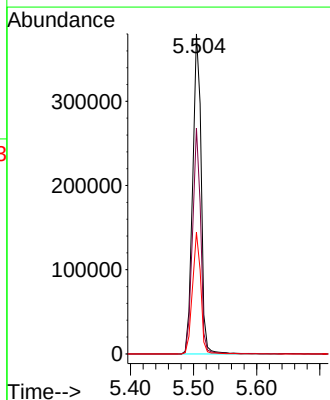
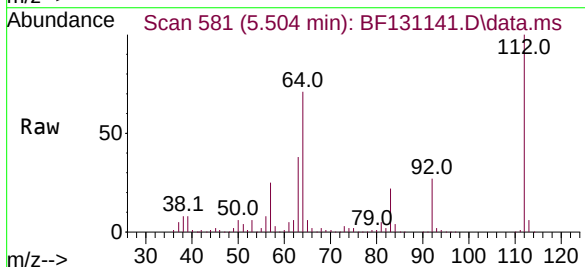
Instrument :  
BNA\_F  
ClientSampleId :  
TP-2

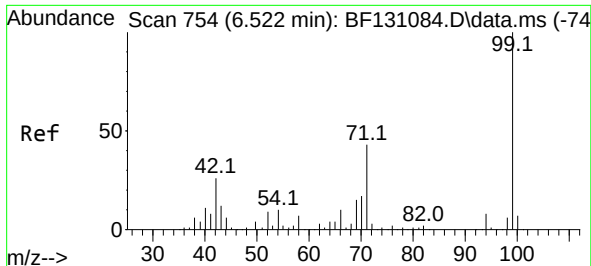
Tgt Ion:152 Resp: 60172  
Ion Ratio Lower Upper  
152 100  
150 157.2 125.5 188.3  
115 67.7 52.2 78.2



#5  
2-Fluorophenol  
Concen: 100.593 ng  
RT: 5.504 min Scan# 581  
Delta R.T. 0.000 min  
Lab File: BF131141.D  
Acq: 11 Nov 2022 00:45

Tgt Ion:112 Resp: 355923  
Ion Ratio Lower Upper  
112 100  
64 70.6 55.1 82.7  
63 38.0 32.4 48.6

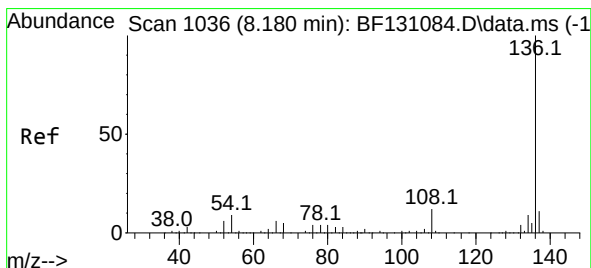
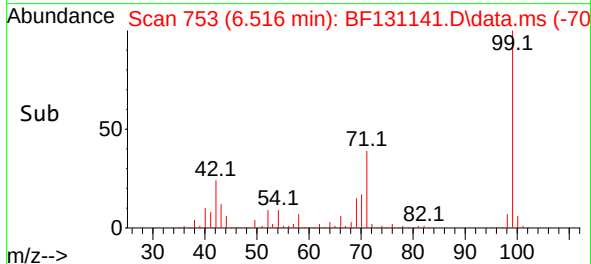
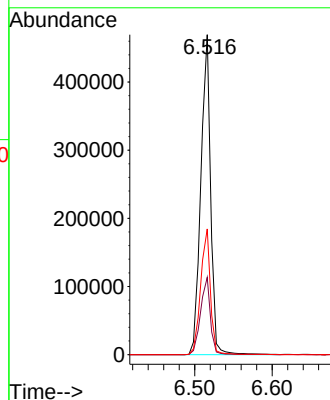
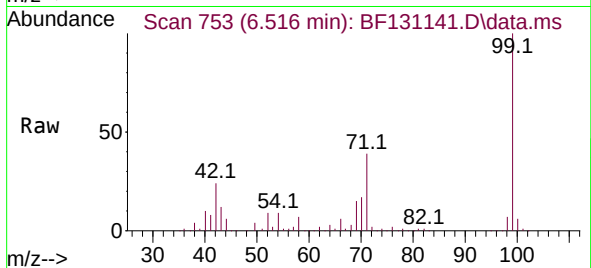




#7  
Phenol-d6  
Concen: 89.050 ng  
RT: 6.516 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF131141.D  
Acq: 11 Nov 2022 00:45

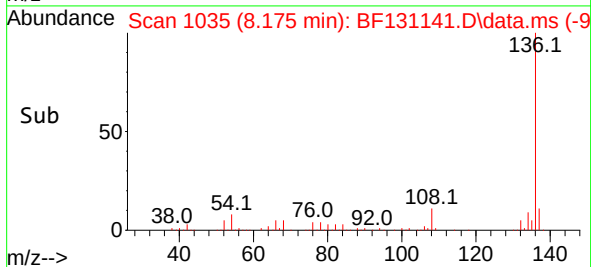
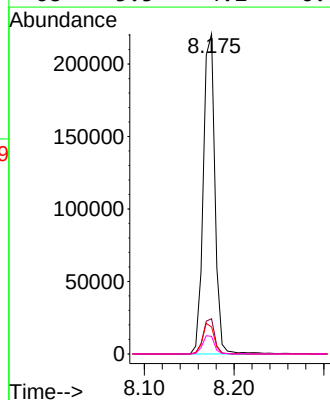
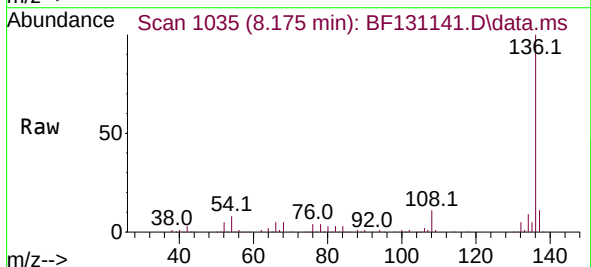
Instrument :  
BNA\_F  
ClientSampleId :  
TP-2

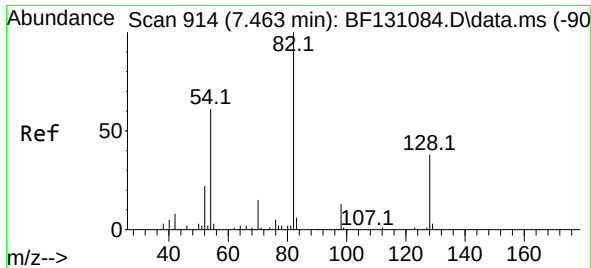
Tgt Ion: 99 Resp: 411928  
Ion Ratio Lower Upper  
99 100  
42 24.1 20.8 31.2  
71 39.3 34.2 51.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.175 min Scan# 1035  
Delta R.T. -0.005 min  
Lab File: BF131141.D  
Acq: 11 Nov 2022 00:45

Tgt Ion: 136 Resp: 198922  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 12.8  
54 8.4 7.2 10.8  
68 5.5 4.2 6.4





#23

Nitrobenzene-d5

Concen: 61.452 ng

RT: 7.451 min Scan# 914

Delta R.T. -0.012 min

Lab File: BF131141.D

Acq: 11 Nov 2022 00:45

Instrument :

BNA\_F

ClientSampleId :

TP-2

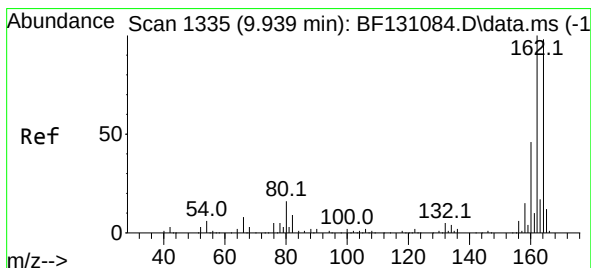
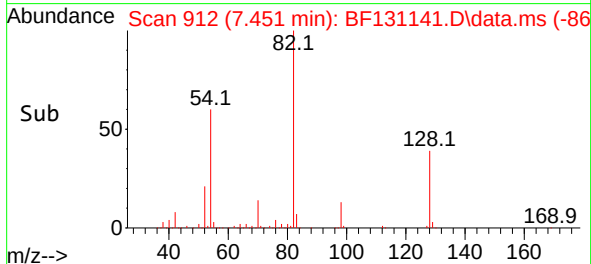
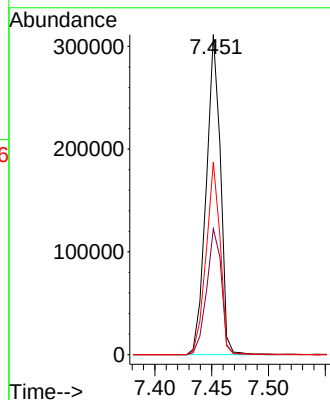
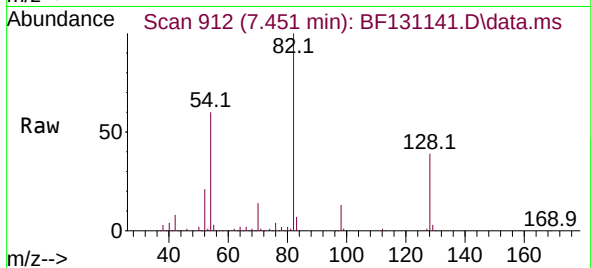
Tgt Ion: 82 Resp: 270932

Ion Ratio Lower Upper

82 100

128 39.3 30.5 45.7

54 60.2 49.1 73.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1334

Delta R.T. -0.005 min

Lab File: BF131141.D

Acq: 11 Nov 2022 00:45

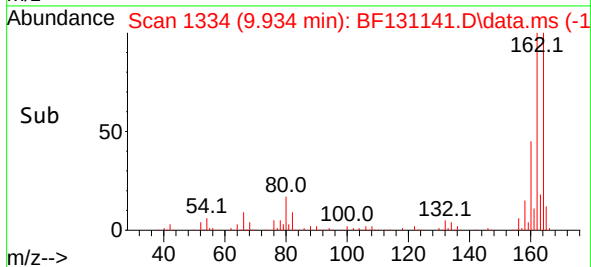
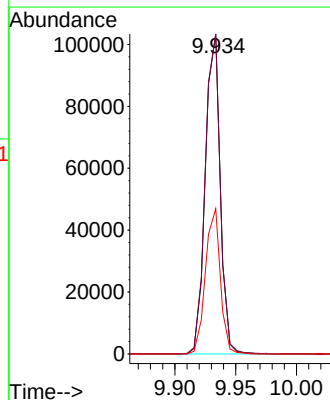
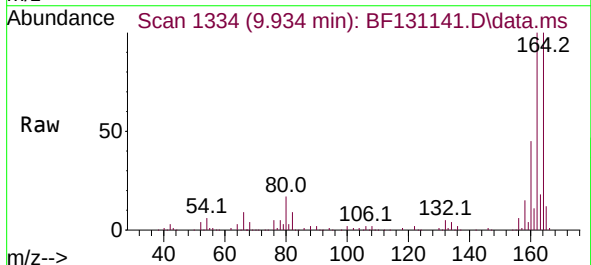
Tgt Ion:164 Resp: 88028

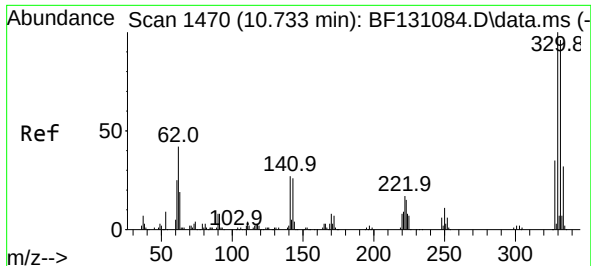
Ion Ratio Lower Upper

164 100

162 100.2 81.7 122.5

160 45.5 37.4 56.2





#42

2,4,6-Tribromophenol

Concen: 92.297 ng

RT: 10.722 min Scan# 1468

Delta R.T. -0.012 min

Lab File: BF131141.D

Acq: 11 Nov 2022 00:45

Instrument :

BNA\_F

ClientSampleId :

TP-2

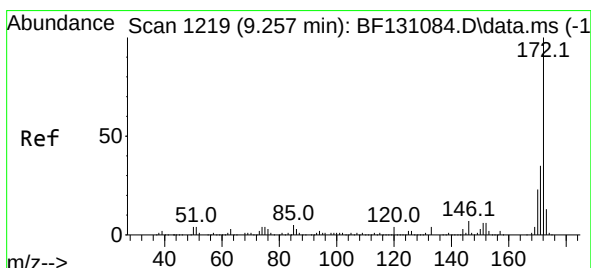
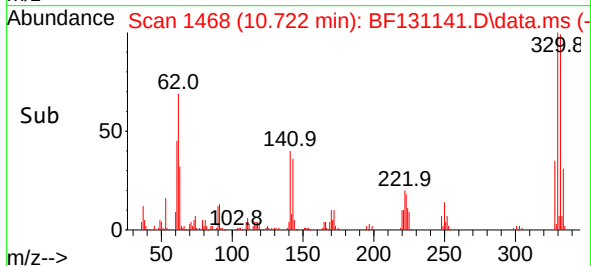
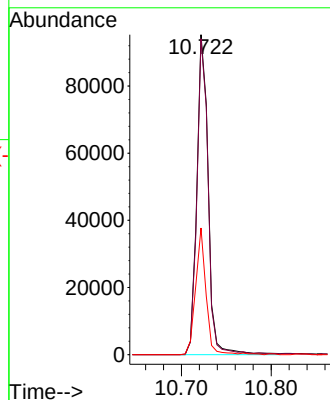
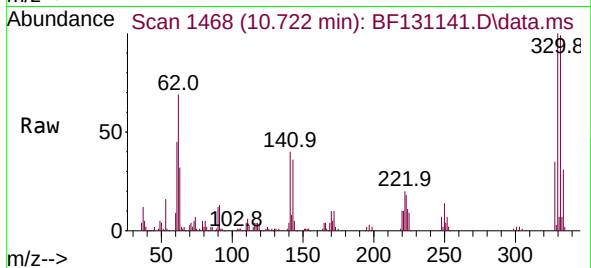
Tgt Ion:330 Resp: 83967

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.4

141 36.3 28.5 42.7



#45

2-Fluorobiphenyl

Concen: 63.804 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.012 min

Lab File: BF131141.D

Acq: 11 Nov 2022 00:45

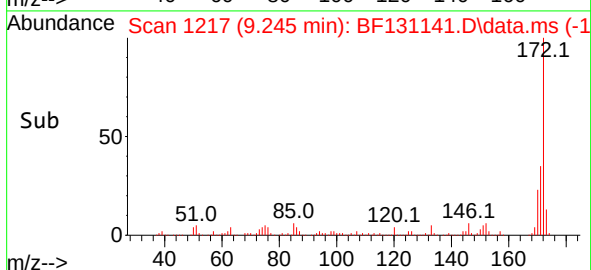
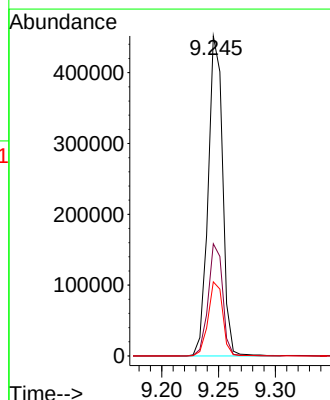
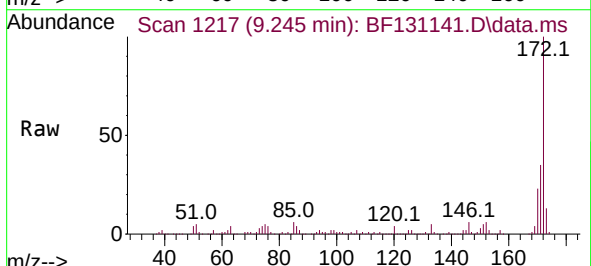
Tgt Ion:172 Resp: 402340

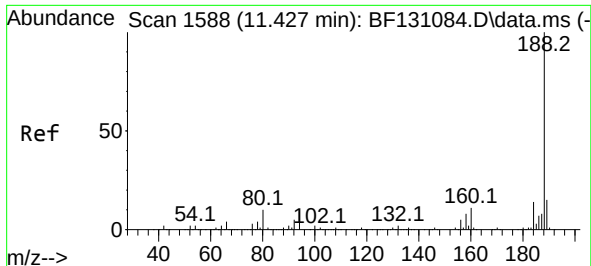
Ion Ratio Lower Upper

172 100

171 35.0 27.7 41.5

170 23.1 18.8 28.2

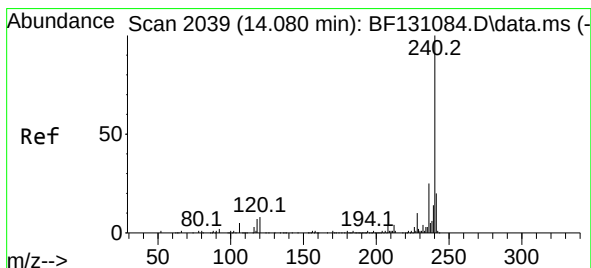
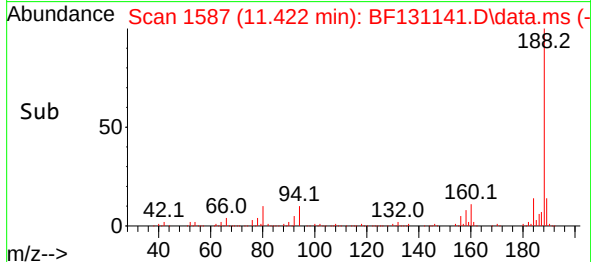
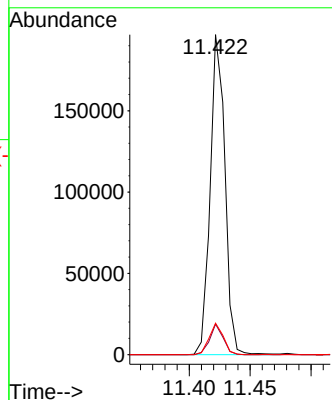
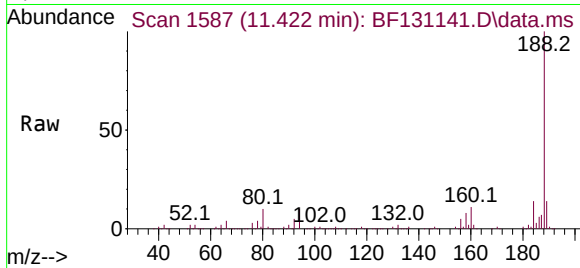




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.422 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BF131141.D  
Acq: 11 Nov 2022 00:45

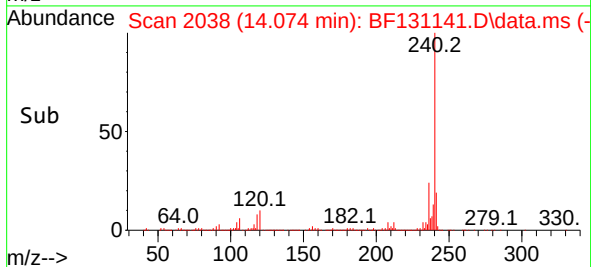
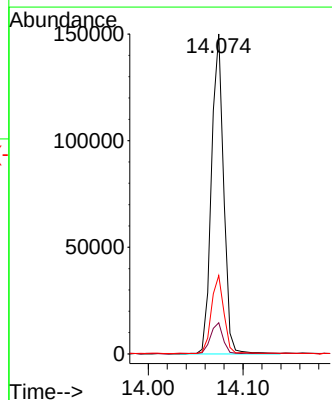
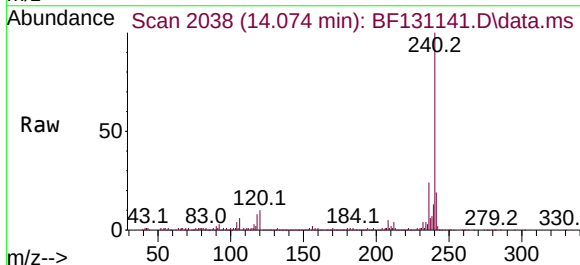
Instrument :  
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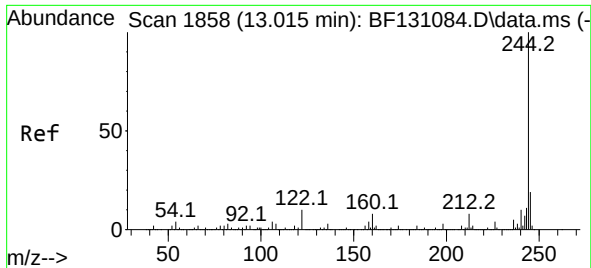
Tgt Ion:188 Resp: 166049  
Ion Ratio Lower Upper  
188 100  
94 9.5 7.0 10.6  
80 9.8 7.9 11.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.074 min Scan# 2038  
Delta R.T. -0.006 min  
Lab File: BF131141.D  
Acq: 11 Nov 2022 00:45

Tgt Ion:240 Resp: 134518  
Ion Ratio Lower Upper  
240 100  
120 9.7 6.5 9.7#  
236 24.5 19.7 29.5

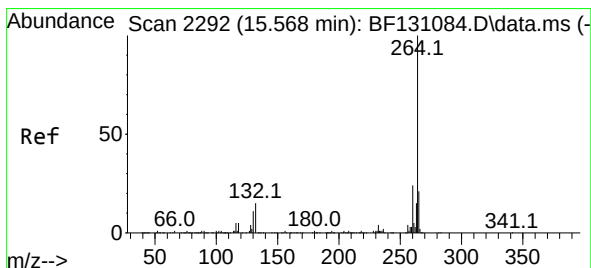
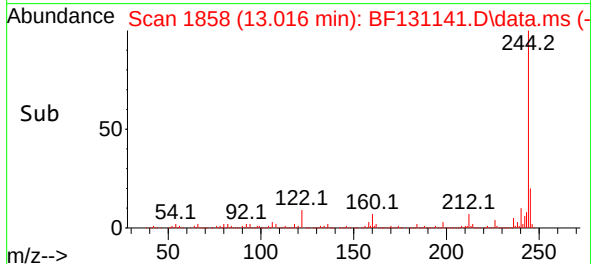
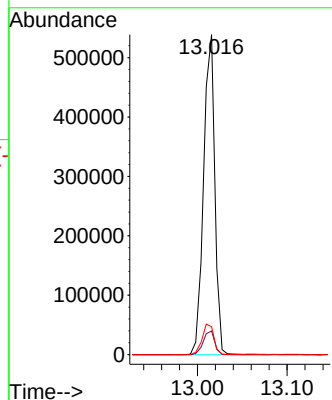
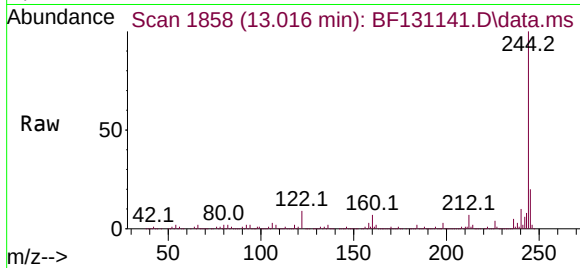




#79  
 Terphenyl-d14  
 Concen: 61.031 ng  
 RT: 13.016 min Scan# 1858  
 Delta R.T. 0.001 min  
 Lab File: BF131141.D  
 Acq: 11 Nov 2022 00:45

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-2

Tgt Ion:244 Resp: 468244  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 6.2 9.2  
 122 8.7 7.8 11.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.568 min Scan# 2292  
 Delta R.T. 0.000 min  
 Lab File: BF131141.D  
 Acq: 11 Nov 2022 00:45

Tgt Ion:264 Resp: 84861  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 19.1 28.7  
 265 22.3 16.7 25.1

