

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\  
 Data File : BF121050.D  
 Acq On : 28 Jul 2020 00:22  
 Operator : JU/CG  
 Sample : L3383-15  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CRT-022

Quant Time: Jul 28 01:27:31 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 16 14:20:32 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.82  | 152  | 158220   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.09  | 136  | 614858   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.85  | 164  | 320393   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.33 | 188  | 633204   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.97 | 240  | 498683   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.42 | 264  | 415374   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.44  | 112  | 1044240  | 108.20 | ng    | 0.02     |
| 7) Phenol-d6                | 6.45  | 99   | 1073939  | 86.14  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.37  | 82   | 911317   | 85.76  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.64 | 330  | 477484   | 136.15 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.17  | 172  | 1533988  | 71.48  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.92 | 244  | 1803227  | 78.60  | ng    | 0.00     |

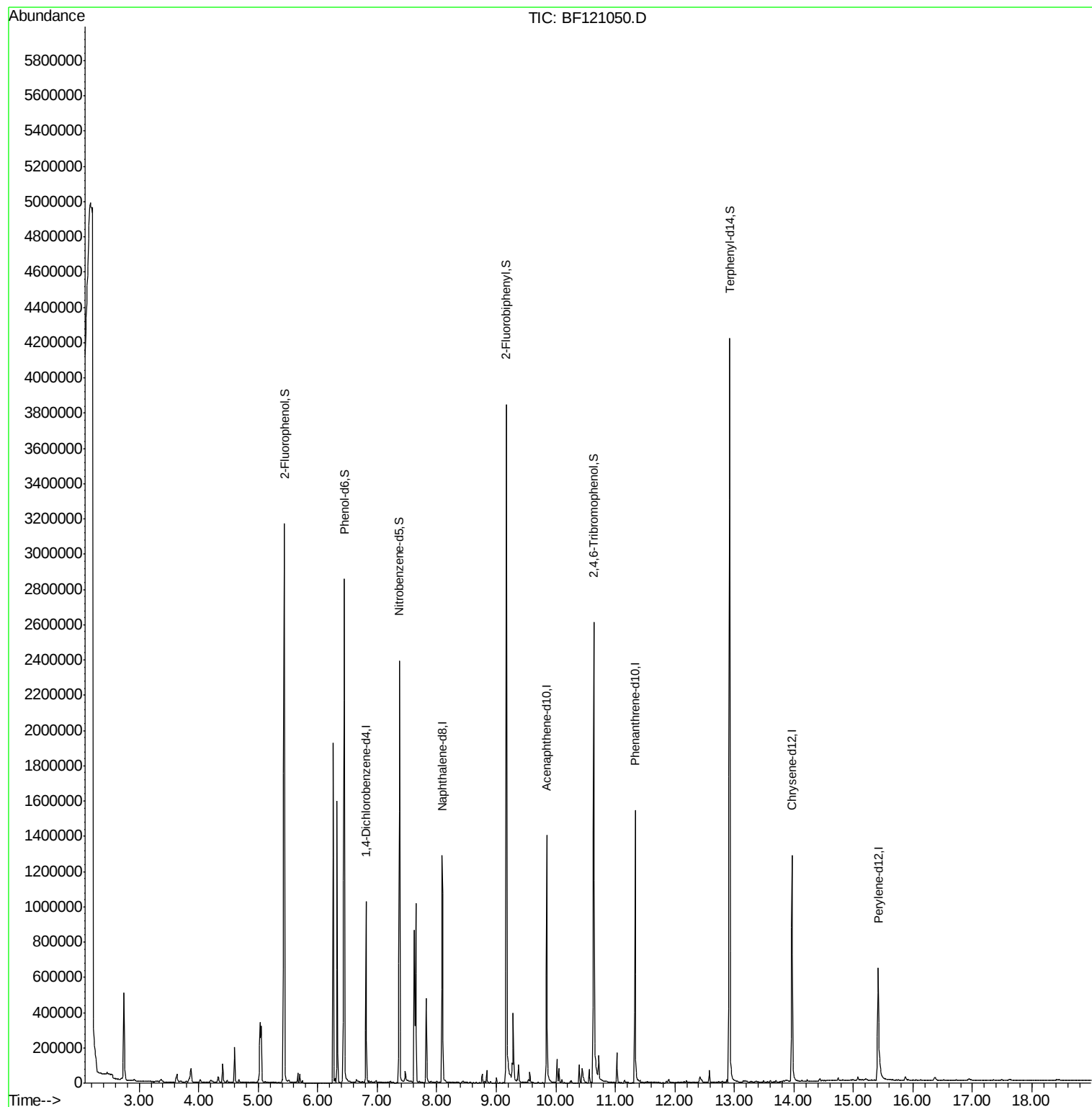
Target Compounds Qvalue

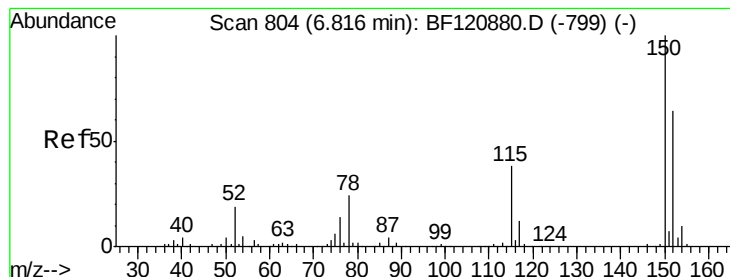
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 28 Jul 2020 00:22  
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Sample : L3383-15  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CRT-022

Quant Time: Jul 28 01:27:31 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jul 16 14:20:32 2020  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF121050.D

Acq: 28 Jul 2020 00:22

Instrument :

BNA\_F

ClientSampleId :

CRT-022

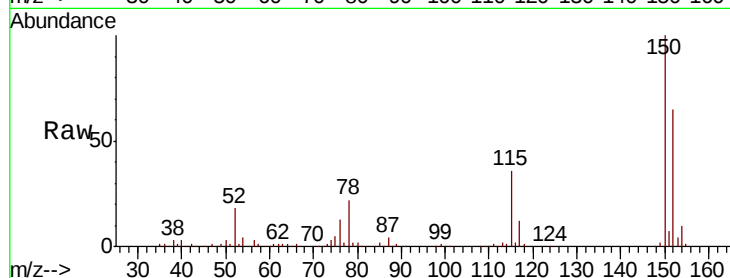
Tot Ion:152 Resp: 158220

Ion Ratio Lower Upper

152 100

150 154.0 125.0 187.6

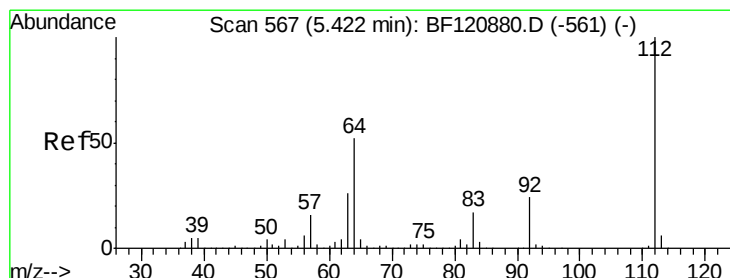
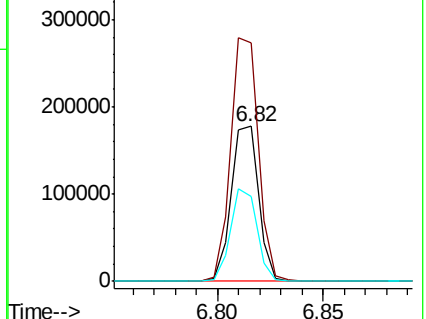
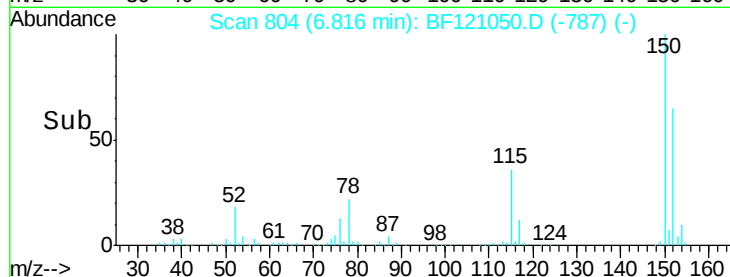
115 55.2 47.0 70.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 108.196 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF121050.D

Acq: 28 Jul 2020 00:22

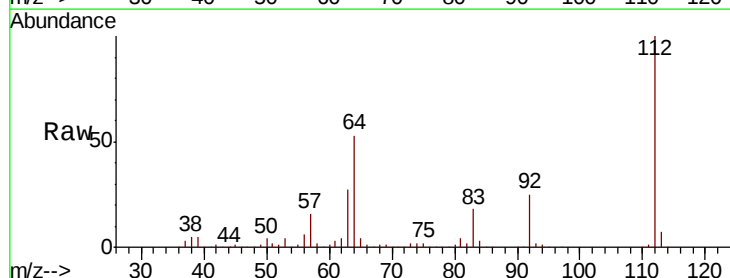
Tgt Ion:112 Resp: 1044240

Ion Ratio Lower Upper

112 100

64 52.6 41.3 61.9

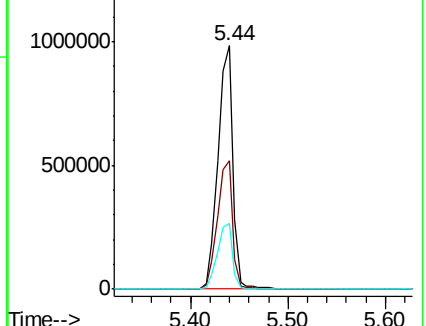
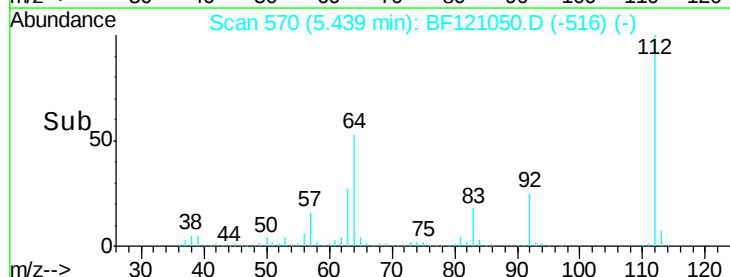
63 27.1 21.1 31.7

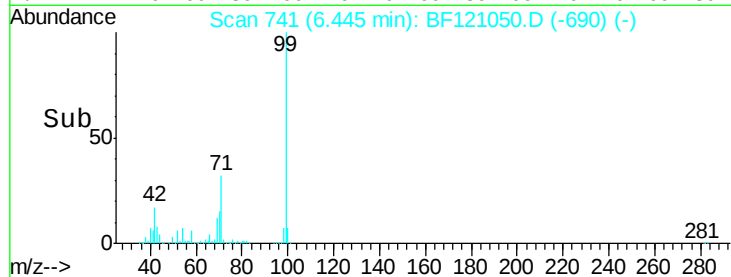
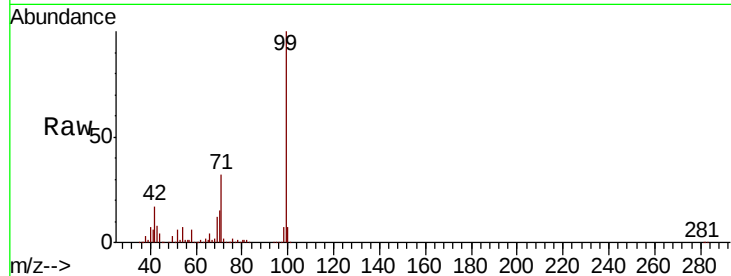


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 86.142 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121050.D

Acq: 28 Jul 2020 00:22

Instrument :

BNA\_F

ClientSampleId :

CRT-022

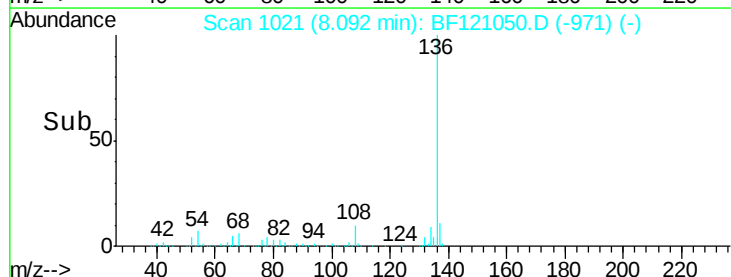
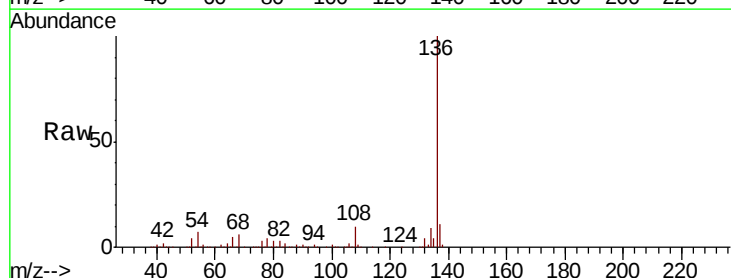
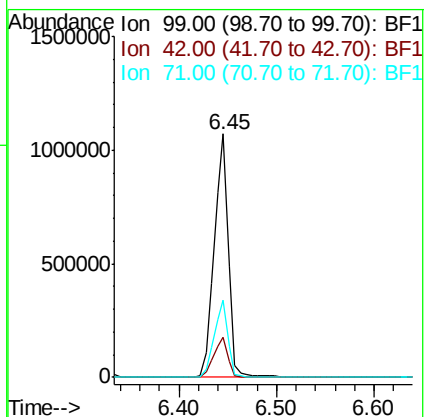
Tot Ion: 99 Resp: 1073939

Ion Ratio Lower Upper

99 100

42 16.5 13.1 19.7

71 31.6 24.2 36.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF121050.D

Acq: 28 Jul 2020 00:22

Tgt Ion: 136 Resp: 614858

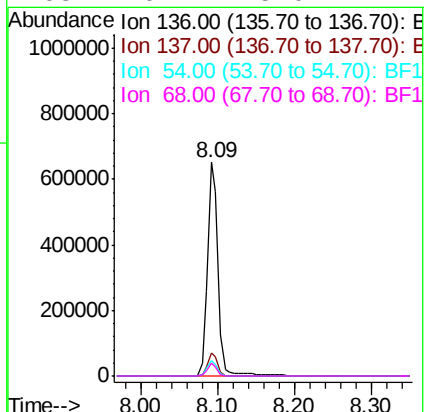
Ion Ratio Lower Upper

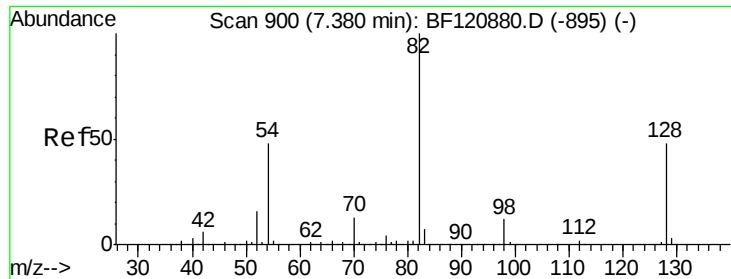
136 100

137 11.0 9.3 13.9

54 7.3 6.3 9.5

68 6.1 5.0 7.4

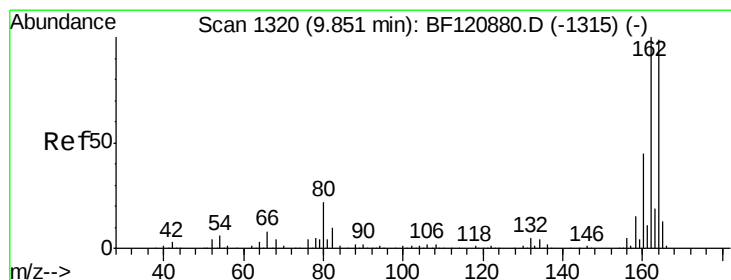
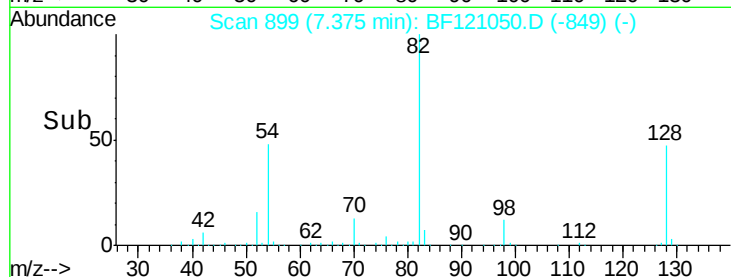
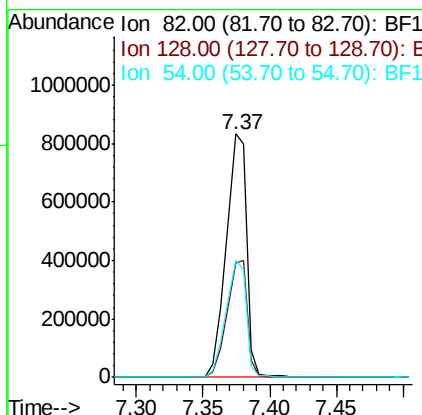
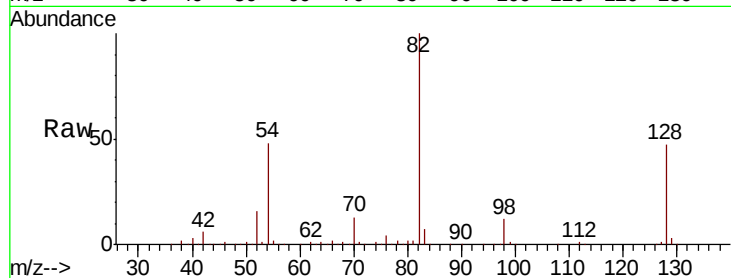




#23  
 Nitrobenzene-d5  
 Concen: 85.762 ng  
 RT: 7.37 min Scan# 899  
 Delta R.T. -0.01 min  
 Lab File: BF121050.D  
 Acq: 28 Jul 2020 00:22

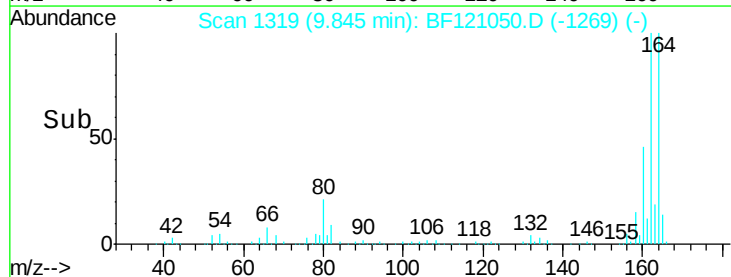
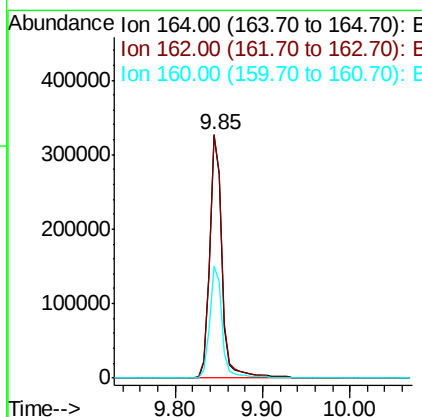
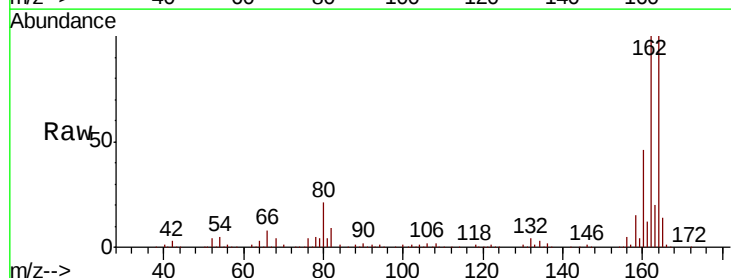
Instrument :  
 BNA\_F  
 ClientSampleId :  
 CRT-022

Tot Ion: 82 Resp: 911317  
 Ion Ratio Lower Upper  
 82 100  
 128 46.8 38.2 57.4  
 54 48.0 38.7 58.1



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.85 min Scan# 1319  
 Delta R.T. -0.01 min  
 Lab File: BF121050.D  
 Acq: 28 Jul 2020 00:22

Tgt Ion: 164 Resp: 320393  
 Ion Ratio Lower Upper  
 164 100  
 162 100.4 81.2 121.8  
 160 46.3 36.9 55.3

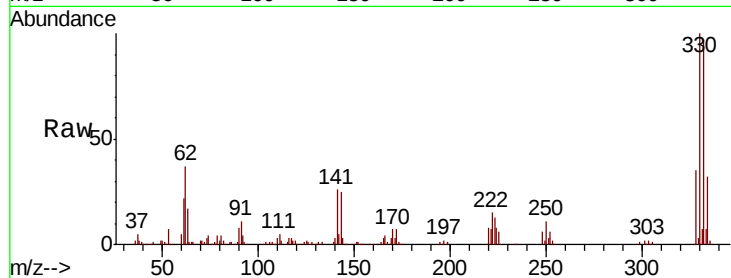




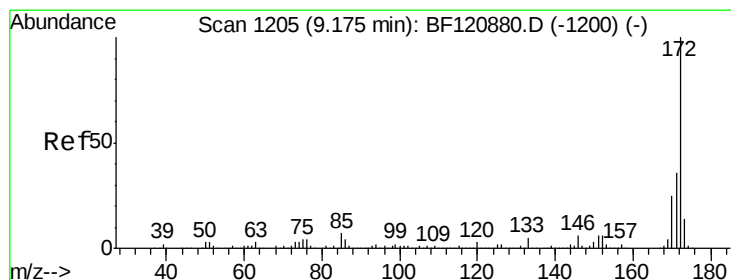
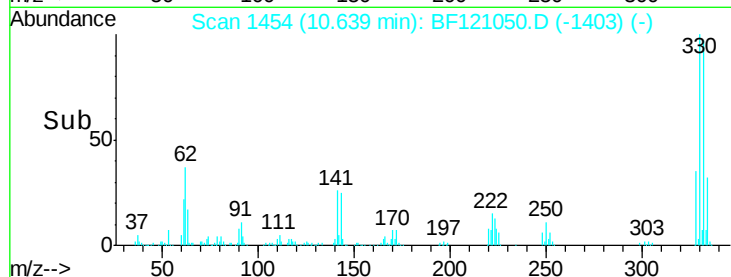
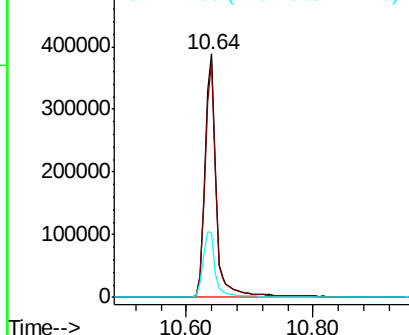
#42  
 2,4,6-Tribromophenol  
 Concen: 136.151 ng  
 RT: 10.64 min Scan# 1454  
 Delta R.T. 0.00 min  
 Lab File: BF121050.D  
 Acq: 28 Jul 2020 00:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CRT-022

Tot Ion:330 Resp: 477484  
 Ion Ratio Lower Upper  
 330 100  
 332 96.7 75.5 113.3  
 141 29.6 25.7 38.5

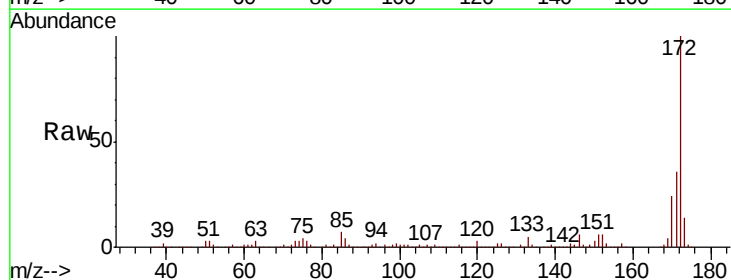


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

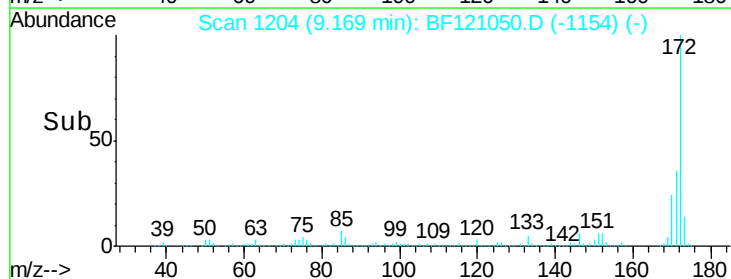
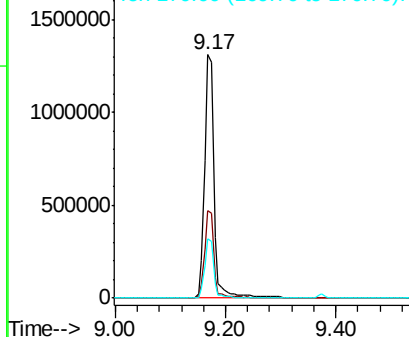


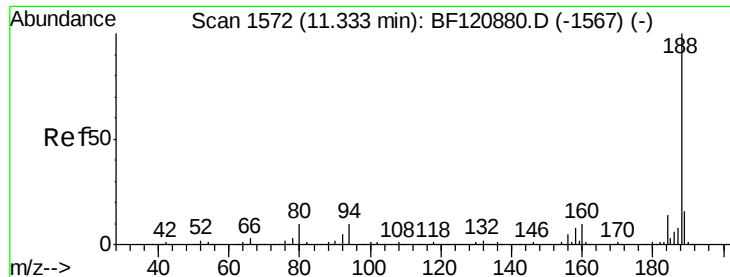
#45  
 2-Fluorobiphenyl  
 Concen: 71.484 ng  
 RT: 9.17 min Scan# 1204  
 Delta R.T. -0.01 min  
 Lab File: BF121050.D  
 Acq: 28 Jul 2020 00:22

Tgt Ion:172 Resp: 1533988  
 Ion Ratio Lower Upper  
 172 100  
 171 36.0 29.0 43.4  
 170 24.4 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF121050.D

Acq: 28 Jul 2020 00:22

Instrument :

BNA\_F

ClientSampleId :

CRT-022

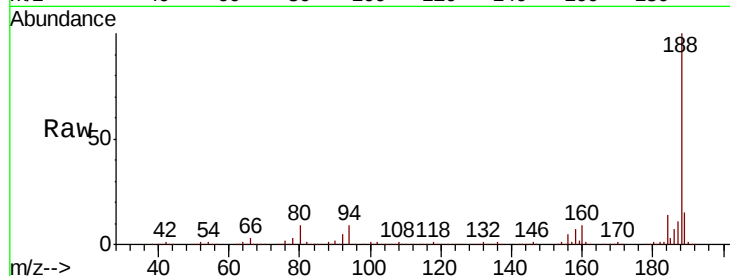
Tot Ion:188 Resp: 633204

Ion Ratio Lower Upper

188 100

94 9.0 8.0 12.0

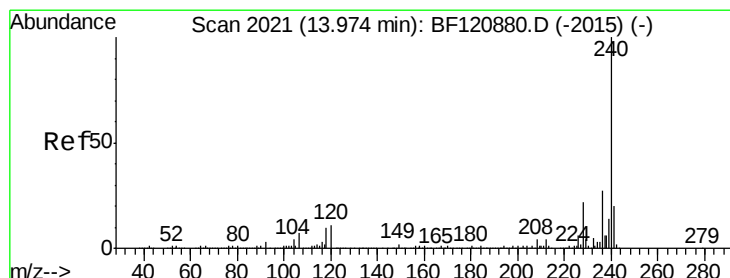
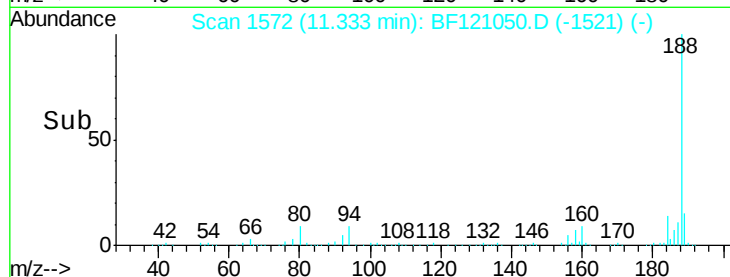
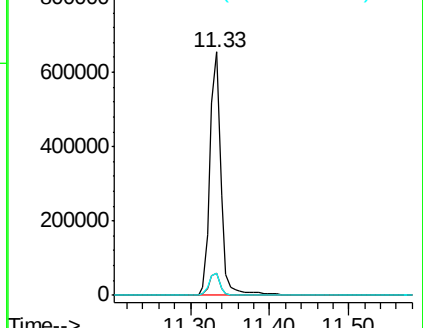
80 9.2 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF121050.D

Acq: 28 Jul 2020 00:22

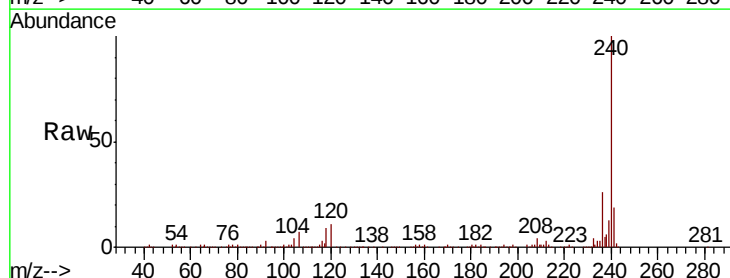
Tgt Ion:240 Resp: 498683

Ion Ratio Lower Upper

240 100

120 10.9 9.0 13.4

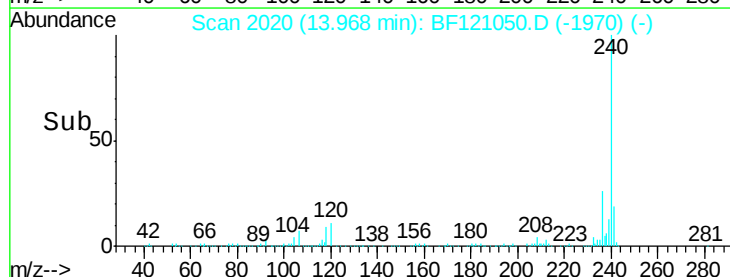
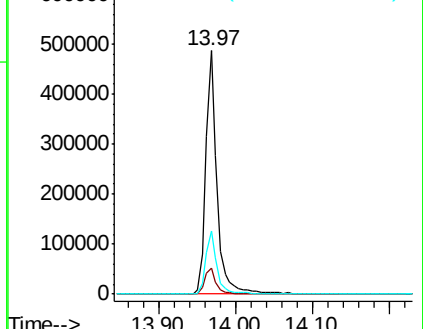
236 26.2 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 78.604 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF121050.D

Acq: 28 Jul 2020 00:22

Instrument :

BNA\_F

ClientSampleId :

CRT-022

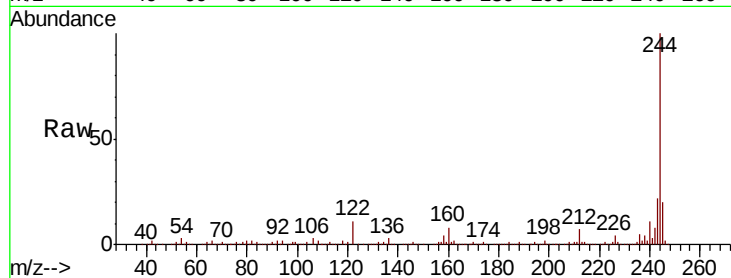
Tot Ion:244 Resp: 1803227

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

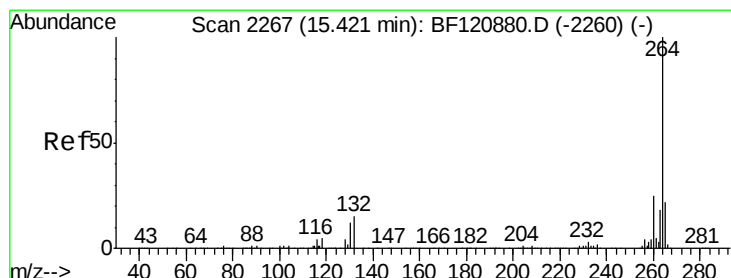
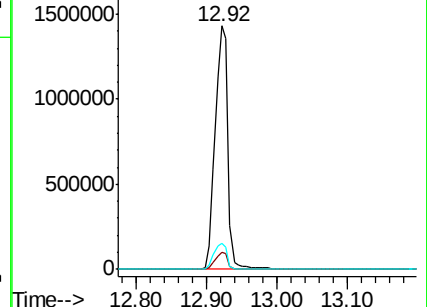
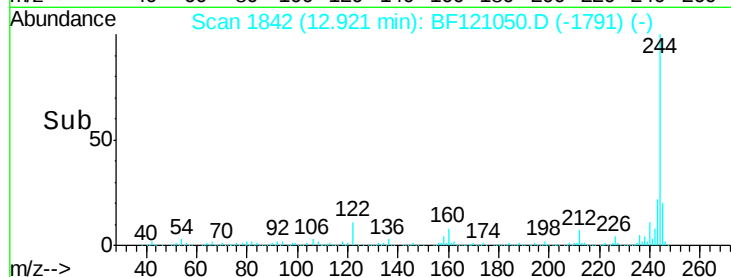
122 10.5 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF121050.D

Acq: 28 Jul 2020 00:22

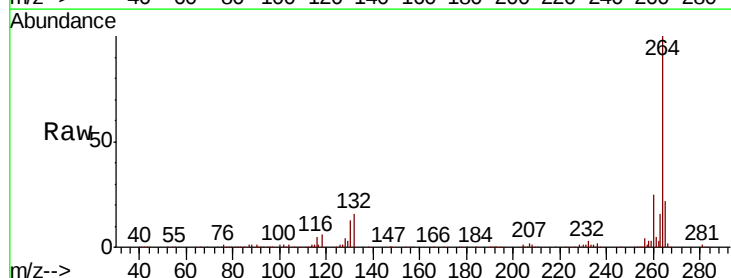
Tgt Ion:264 Resp: 415374

Ion Ratio Lower Upper

264 100

260 24.9 20.0 30.0

265 21.8 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

