

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\  
 Data File : BF121048.D  
 Acq On : 27 Jul 2020 23:22  
 Operator : JU/CG  
 Sample : L3383-03  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CRT-013

Quant Time: Jul 28 01:17:38 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   | 6.81  | 152  | 163166   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.09  | 136  | 622220   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.85  | 164  | 327671   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.33 | 188  | 652981   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.97 | 240  | 500305   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.42 | 264  | 395602   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.43  | 112  | 980263   | 98.49  | ng    | 0.01     |
| 7) Phenol-d6                | 6.45  | 99   | 1022253  | 79.51  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.37  | 82   | 839001   | 78.02  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.64 | 330  | 444542   | 123.94 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.17  | 172  | 1531675  | 69.79  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.92 | 244  | 1730656  | 75.20  | ng    | 0.00     |

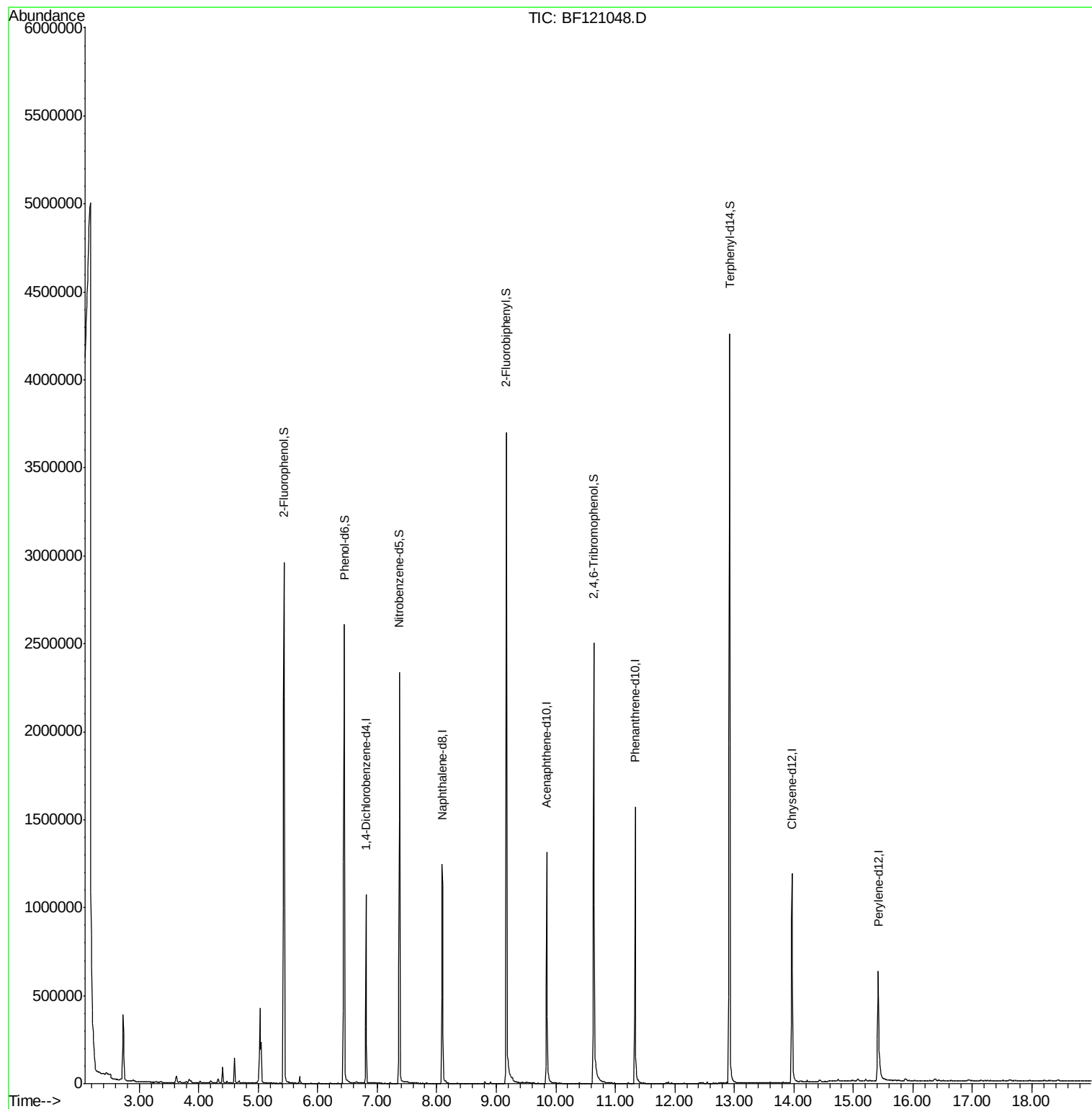
Target Compounds Qvalue

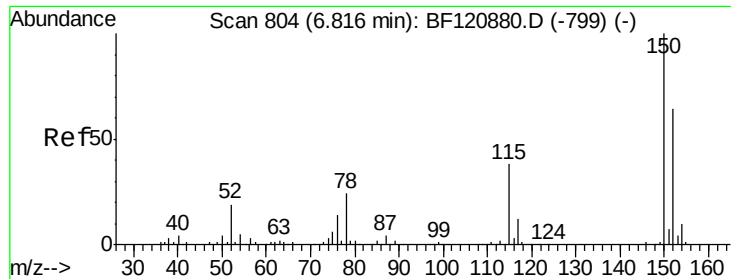
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\  
Data File : BF121048.D  
Acq On : 27 Jul 2020 23:22  
Operator : JU/CG  
Sample : L3383-03  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CRT-013

Quant Time: Jul 28 01:17:38 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



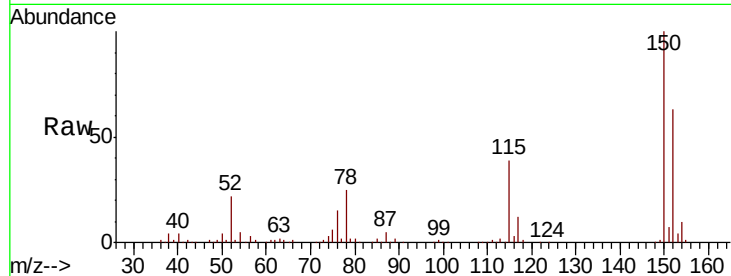


#1

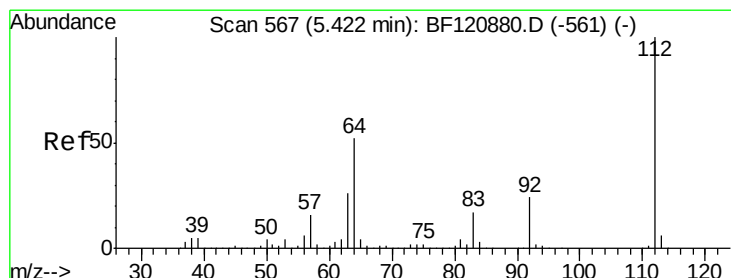
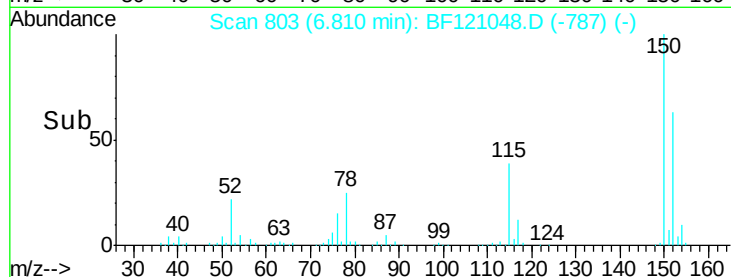
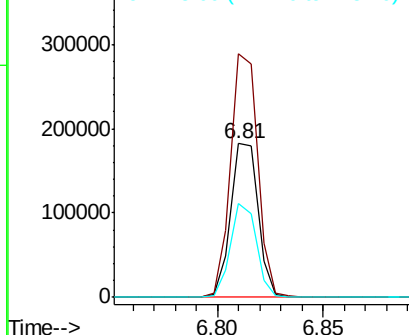
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.81 min Scan# 803  
Delta R.T. -0.01 min  
Lab File: BF121048.D  
Acq: 27 Jul 2020 23:22

Instrument :  
BNA\_F  
ClientSampleId :  
CRT-013

Tot Ion:152 Resp: 163166  
Ion Ratio Lower Upper  
152 100  
150 158.3 125.0 187.6  
115 61.0 47.0 70.4



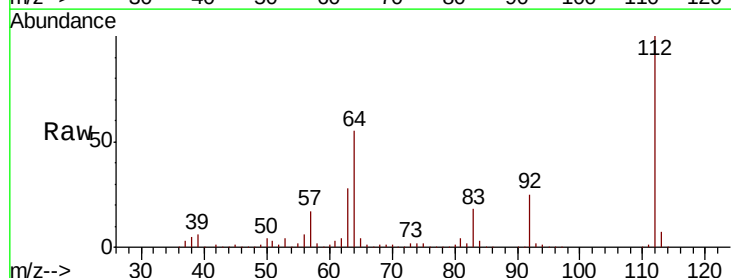
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



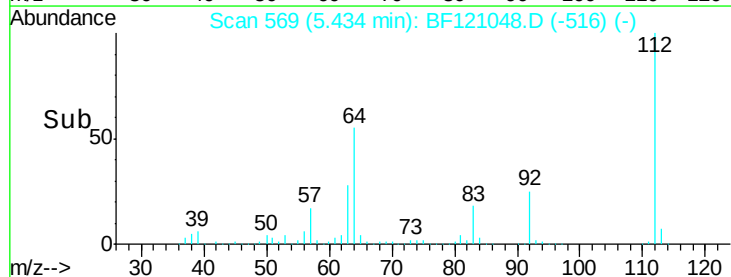
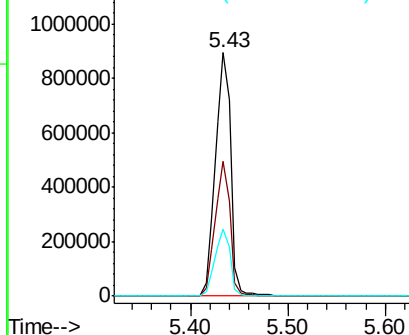
#5

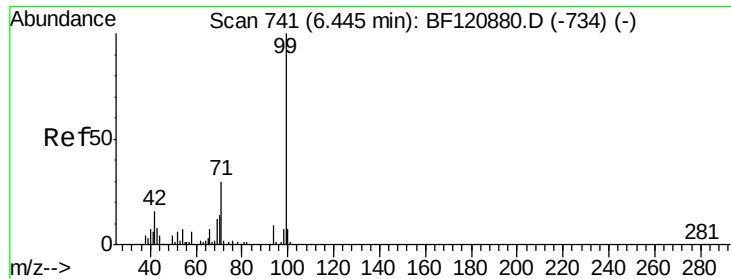
2-Fluorophenol  
Concen: 98.489 ng  
RT: 5.43 min Scan# 569  
Delta R.T. 0.01 min  
Lab File: BF121048.D  
Acq: 27 Jul 2020 23:22

Tgt Ion:112 Resp: 980263  
Ion Ratio Lower Upper  
112 100  
64 55.2 41.3 61.9  
63 27.8 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: 79.511 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121048.D

Acq: 27 Jul 2020 23:22

Instrument :

BNA\_F

ClientSampleId :

CRT-013

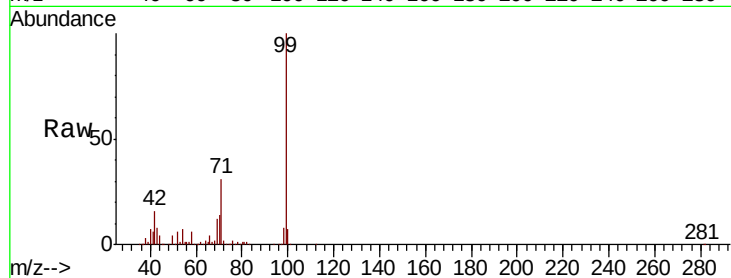
Tot Ion: 99 Resp: 1022253

Ion Ratio Lower Upper

99 100

42 16.2 13.1 19.7

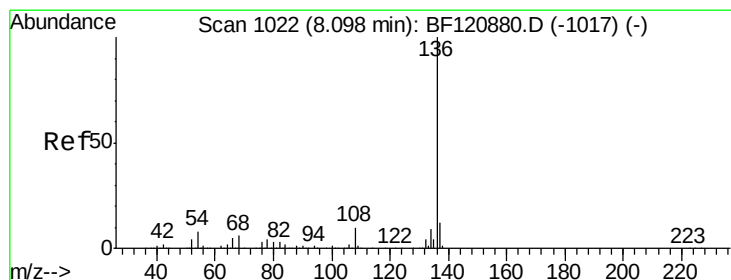
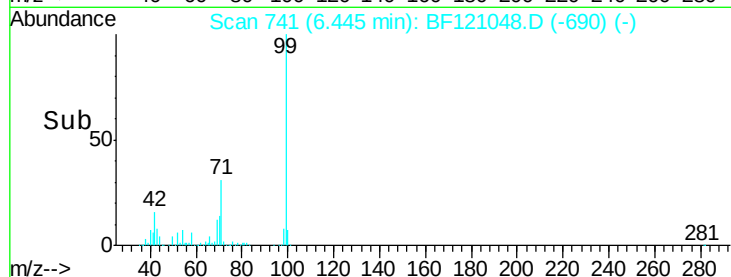
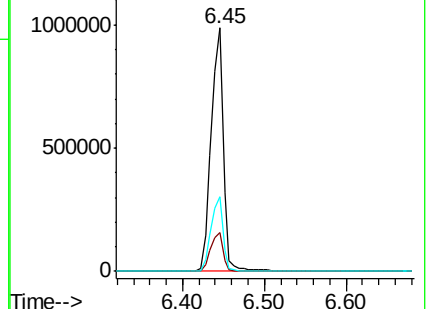
71 30.8 24.2 36.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF121048.D

Acq: 27 Jul 2020 23:22

Tgt Ion: 136 Resp: 622220

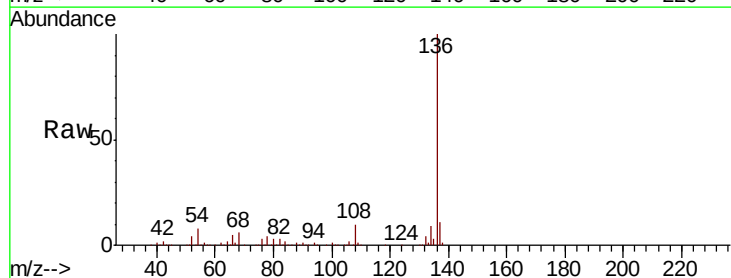
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 7.6 6.3 9.5

68 6.2 5.0 7.4

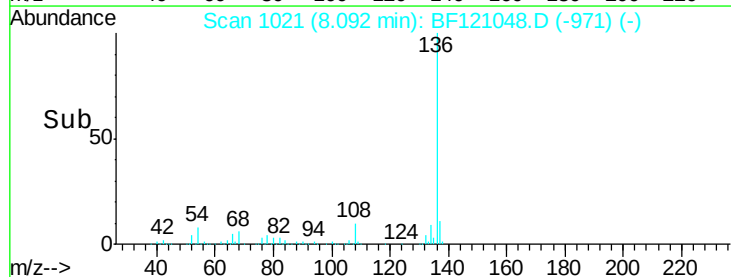
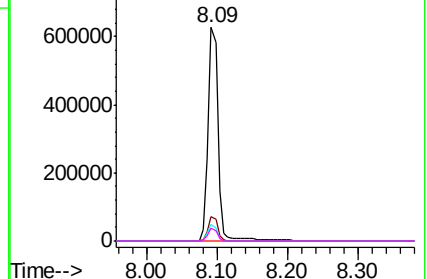


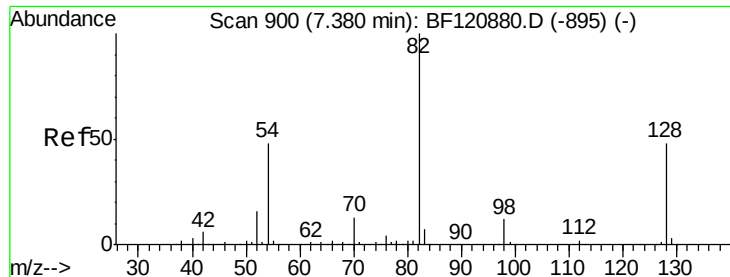
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

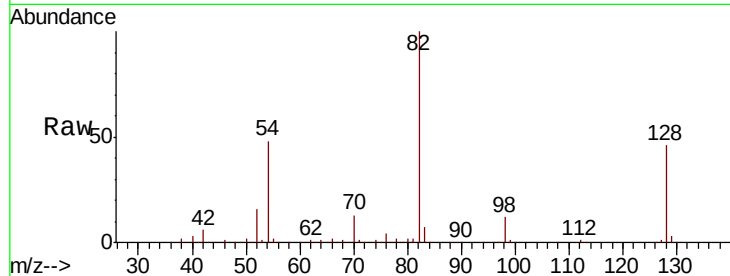




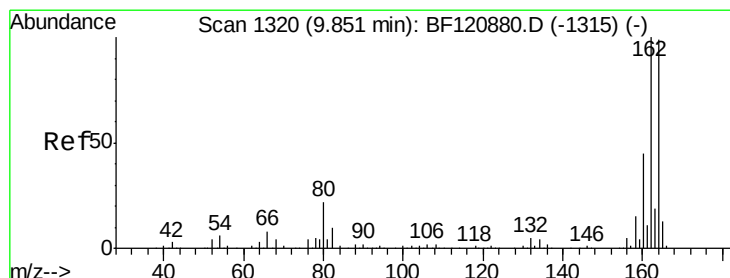
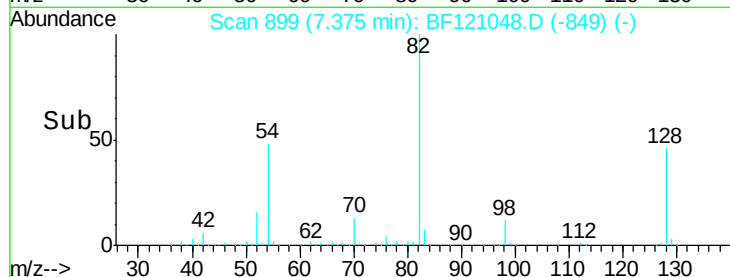
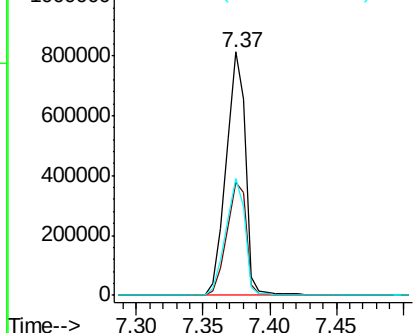
#23  
 Nitrobenzene-d5  
 Concen: 78.023 ng  
 RT: 7.37 min Scan# 899  
 Delta R.T. -0.01 min  
 Lab File: BF121048.D  
 Acq: 27 Jul 2020 23:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CRT-013

Tot Ion: 82 Resp: 839001  
 Ion Ratio Lower Upper  
 82 100  
 128 46.3 38.2 57.4  
 54 47.9 38.7 58.1

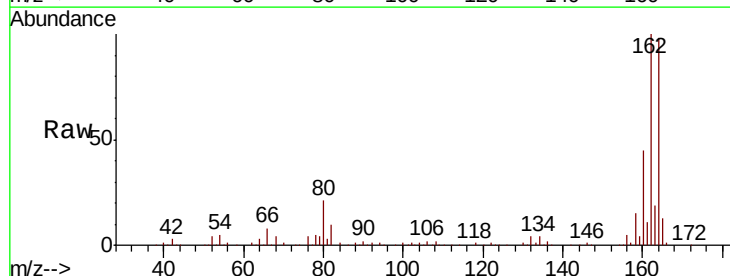


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

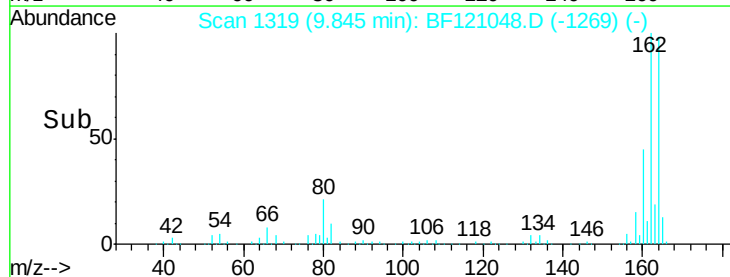
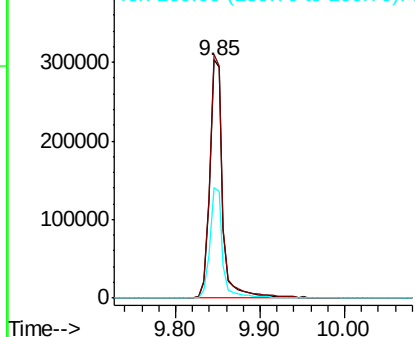


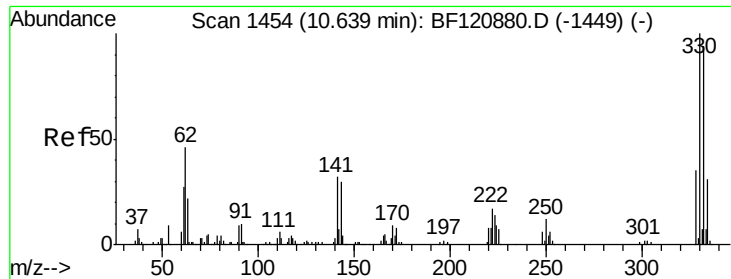
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.85 min Scan# 1319  
 Delta R.T. -0.01 min  
 Lab File: BF121048.D  
 Acq: 27 Jul 2020 23:22

Tgt Ion: 164 Resp: 327671  
 Ion Ratio Lower Upper  
 164 100  
 162 102.3 81.2 121.8  
 160 46.3 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): BF1  
 Ion 162.00 (161.70 to 162.70): BF1  
 Ion 160.00 (159.70 to 160.70): BF1

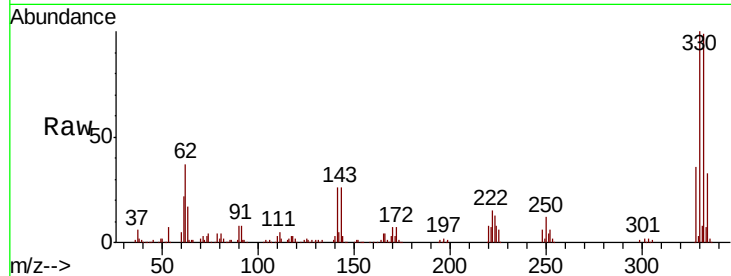




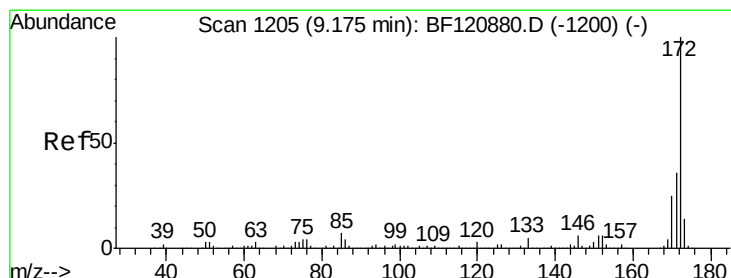
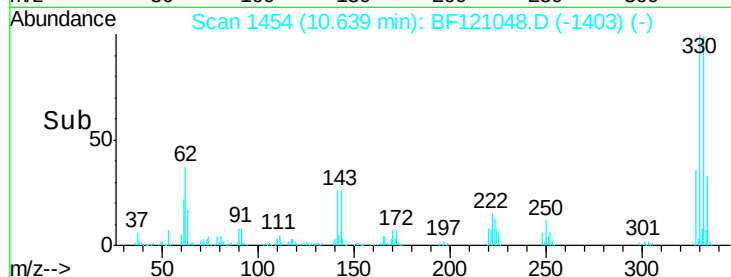
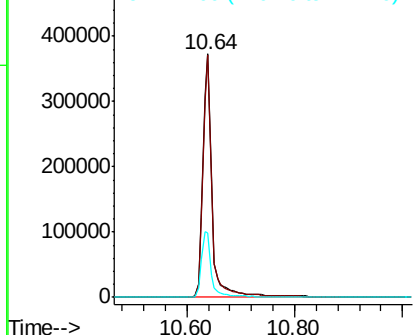
#42  
 2,4,6-Tribromophenol  
 Concen: 123.942 ng  
 RT: 10.64 min Scan# 1454  
 Delta R.T. 0.00 min  
 Lab File: BF121048.D  
 Acq: 27 Jul 2020 23:22

Instrument :  
 BNA\_F  
 ClientSampled :  
 CRT-013

Tot Ion:330 Resp: 444542  
 Ion Ratio Lower Upper  
 330 100  
 332 96.5 75.5 113.3  
 141 30.1 25.7 38.5

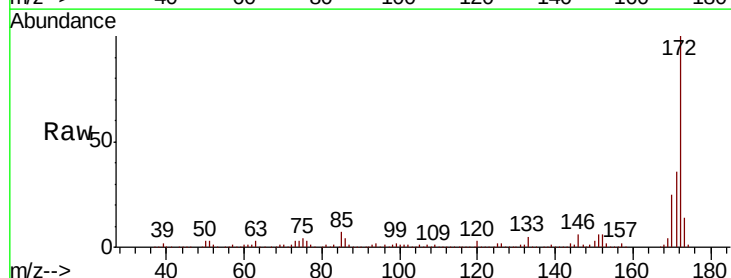


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

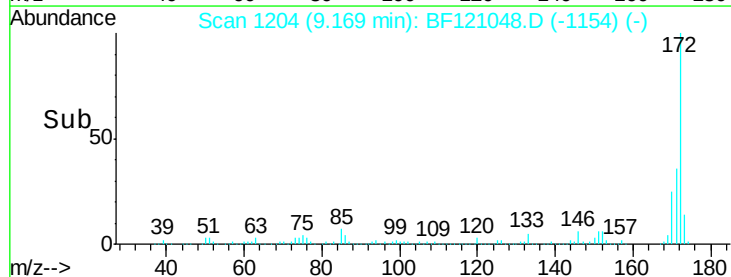
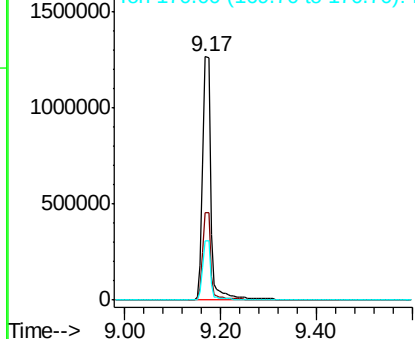


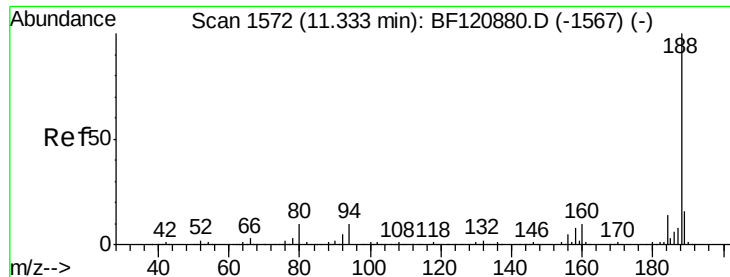
#45  
 2-Fluorobiphenyl  
 Concen: 69.791 ng  
 RT: 9.17 min Scan# 1204  
 Delta R.T. -0.01 min  
 Lab File: BF121048.D  
 Acq: 27 Jul 2020 23:22

Tgt Ion:172 Resp: 1531675  
 Ion Ratio Lower Upper  
 172 100  
 171 36.0 29.0 43.4  
 170 24.6 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

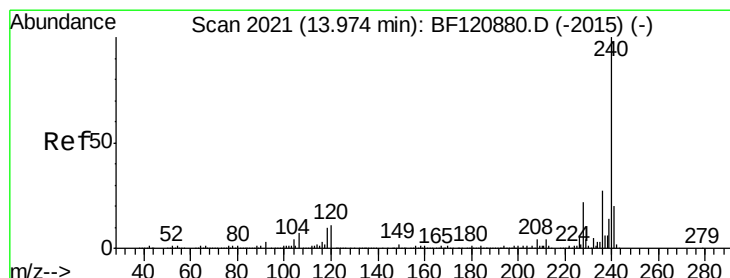
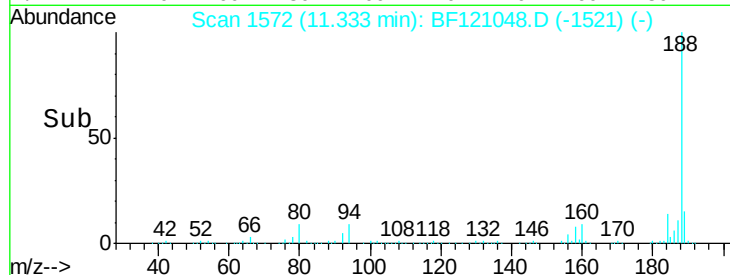
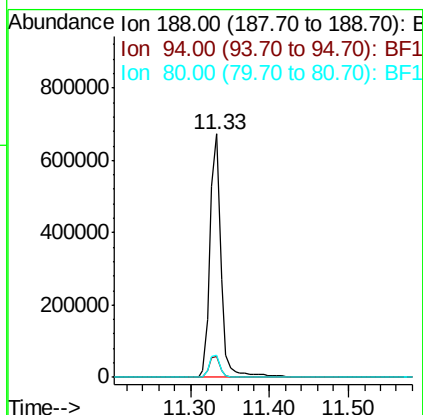
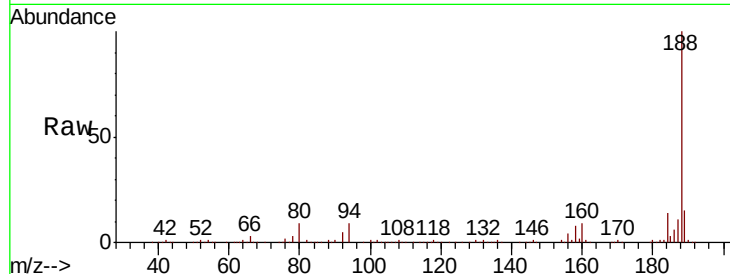




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.33 min Scan# 1572  
Delta R.T. 0.00 min  
Lab File: BF121048.D  
Acq: 27 Jul 2020 23:22

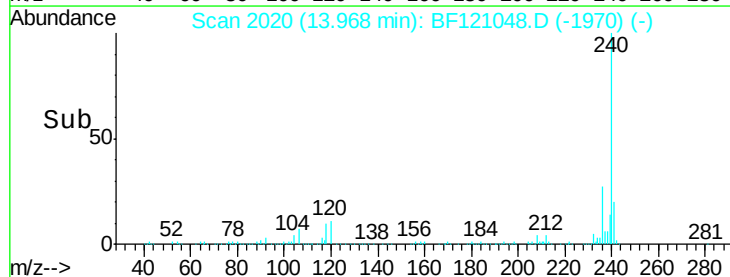
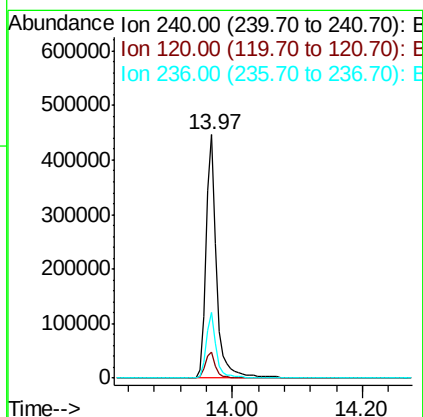
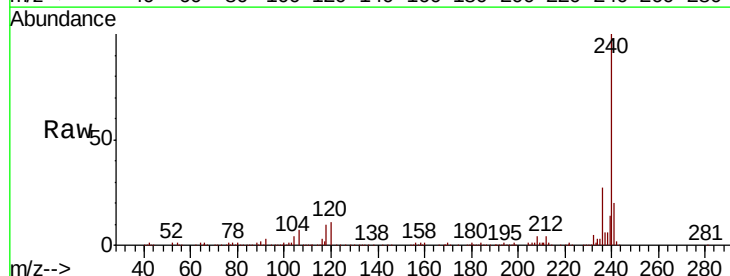
Instrument :  
BNA\_F  
ClientSampleId :  
CRT-013

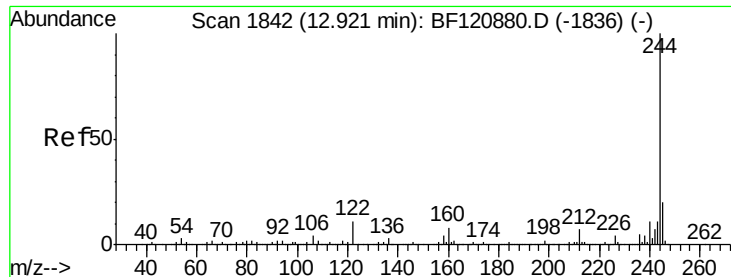
Tot Ion:188 Resp: 652981  
Ion Ratio Lower Upper  
188 100  
94 8.7 8.0 12.0  
80 8.9 8.3 12.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.97 min Scan# 2020  
Delta R.T. -0.01 min  
Lab File: BF121048.D  
Acq: 27 Jul 2020 23:22

Tgt Ion:240 Resp: 500305  
Ion Ratio Lower Upper  
240 100  
120 10.6 9.0 13.4  
236 27.0 21.7 32.5





#79

Terphenyl-d14

Concen: 75.196 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF121048.D

Acq: 27 Jul 2020 23:22

Instrument :

BNA\_F

ClientSampleId :

CRT-013

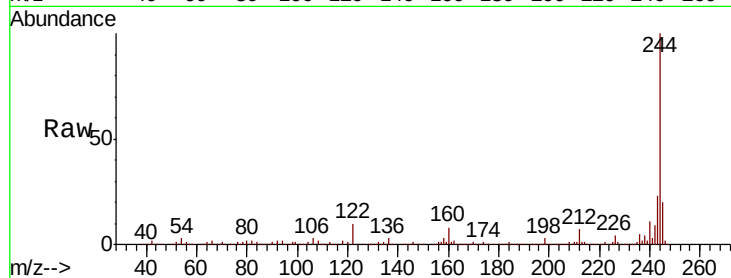
Tot Ion:244 Resp: 1730656

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

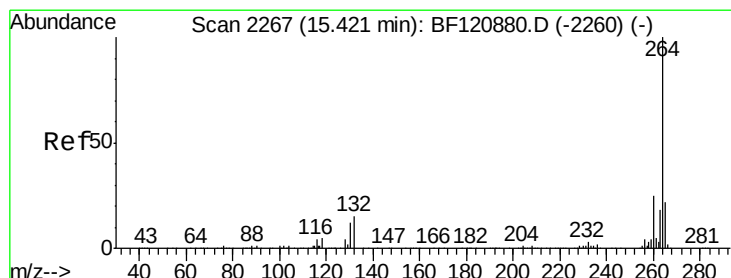
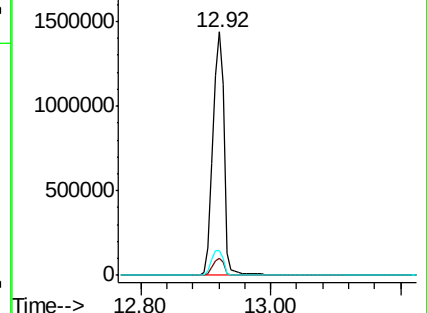
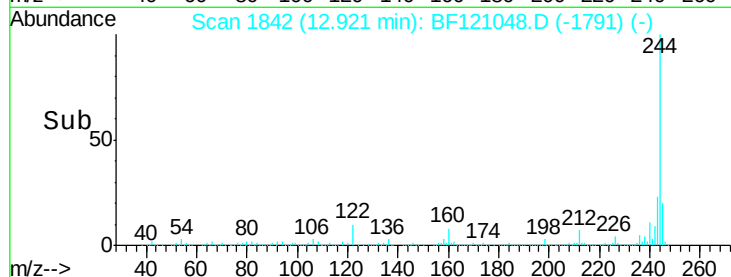
122 10.3 8.9 13.3



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: BF121048.D

Acq: 27 Jul 2020 23:22

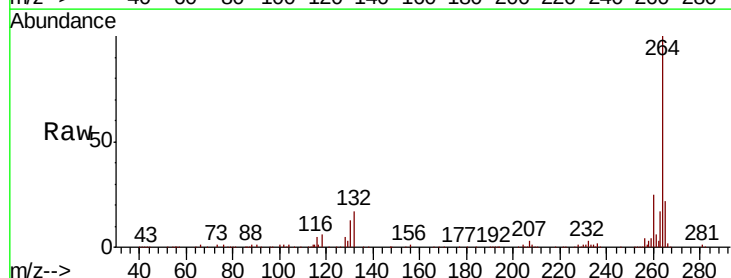
Tgt Ion:264 Resp: 395602

Ion Ratio Lower Upper

264 100

260 24.7 20.0 30.0

265 21.9 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

