

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\  
 Data File : BF118757.D  
 Acq On : 30 Jan 2020 17:58  
 Operator : CG/JU  
 Sample : L1313-02  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 124018-A

Quant Time: Jan 30 22:37:52 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 27 14:24:10 2020  
 Response via : Initial Calibration

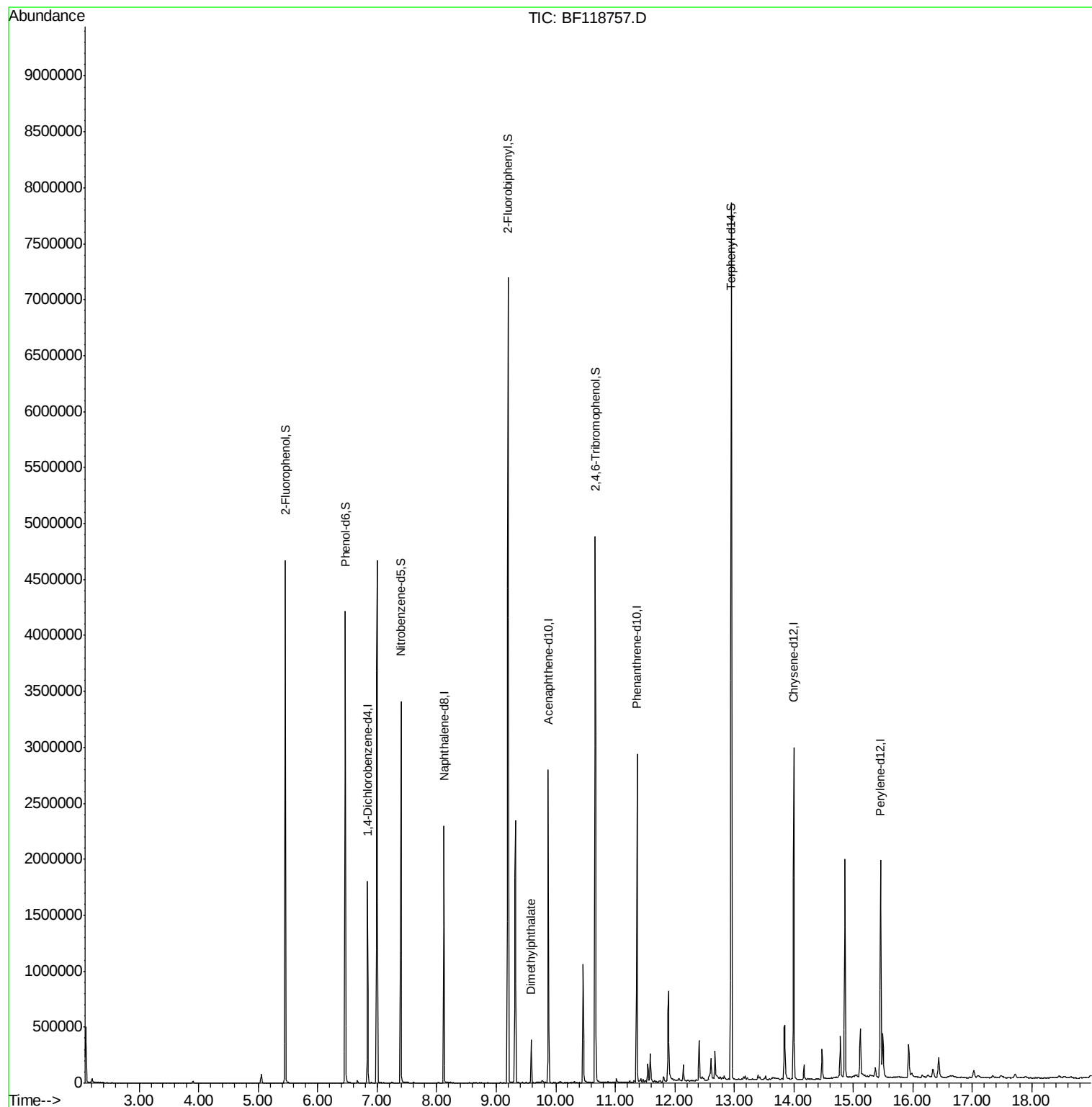
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.84  | 152  | 254509   | 20.00  | ng    | -0.02     |
| 21) Naphthalene-d8          | 8.12  | 136  | 977398   | 20.00  | ng    | -0.02     |
| 39) Acenaphthene-d10        | 9.87  | 164  | 565518   | 20.00  | ng    | -0.02     |
| 64) Phenanthrene-d10        | 11.36 | 188  | 1110229  | 20.00  | ng    | -0.02     |
| 76) Chrysene-d12            | 14.00 | 240  | 948250   | 20.00  | ng    | -0.02     |
| 87) Perylene-d12            | 15.46 | 264  | 929742   | 20.00  | ng    | -0.02     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.46  | 112  | 1336904  | 97.56  | ng    | -0.02     |
| 7) Phenol-d6                | 6.46  | 99   | 1682434  | 94.46  | ng    | -0.03     |
| 23) Nitrobenzene-d5         | 7.40  | 82   | 1070026  | 61.23  | ng    | -0.02     |
| 42) 2,4,6-Tribromophenol    | 10.66 | 330  | 655167   | 100.16 | ng    | -0.02     |
| 45) 2-Fluorobiphenyl        | 9.20  | 172  | 2172261  | 63.13  | ng    | -0.02     |
| 79) Terphenyl-d14           | 12.95 | 244  | 2952177  | 67.90  | ng    | -0.01     |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 9.59  | 163  | 149519   | 4.058  | ng    | Qvalue 99 |

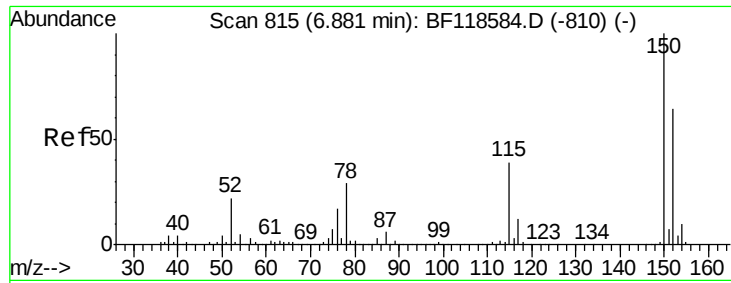
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\  
Data File : BF118757.D  
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Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
124018-A

Quant Time: Jan 30 22:37:52 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M  
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QLast Update : Mon Jan 27 14:24:10 2020  
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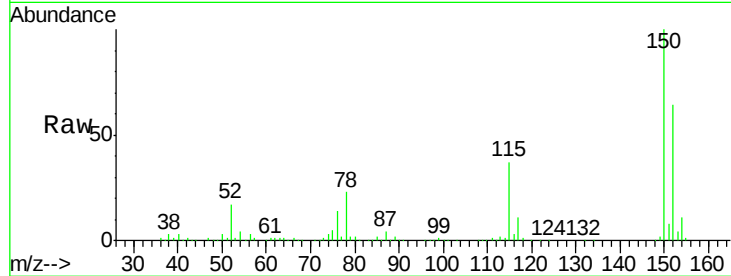


#1

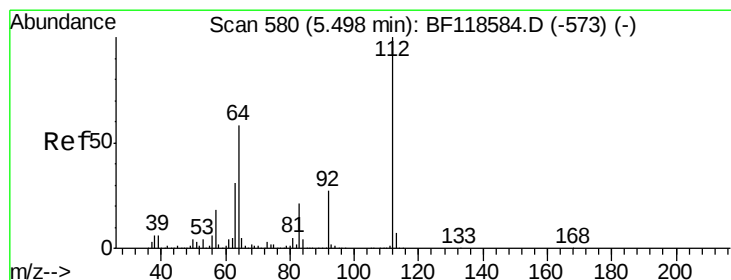
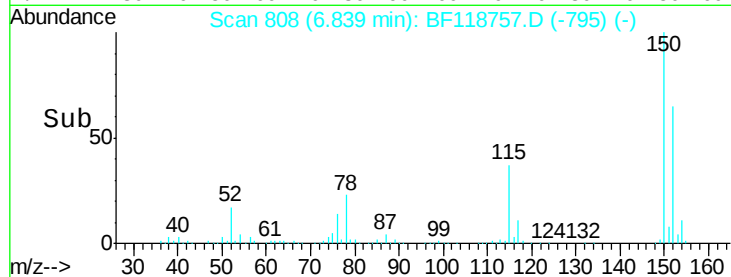
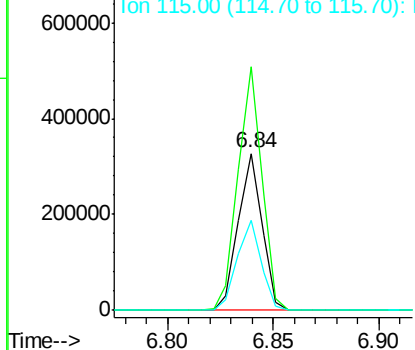
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.84 min Scan# 808  
Delta R.T. -0.02 min  
Lab File: BF118757.D  
Acq: 30 Jan 2020 17:58

Instrument :  
BNA\_F  
ClientSampleId :  
124018-A

Tot Ion:152 Resp: 254509  
Ion Ratio Lower Upper  
152 100  
150 155.2 123.7 185.5  
115 57.6 45.1 67.7



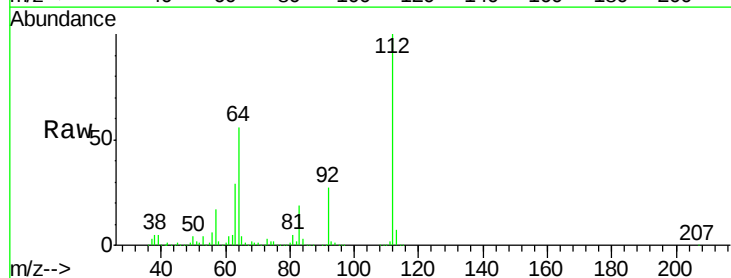
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



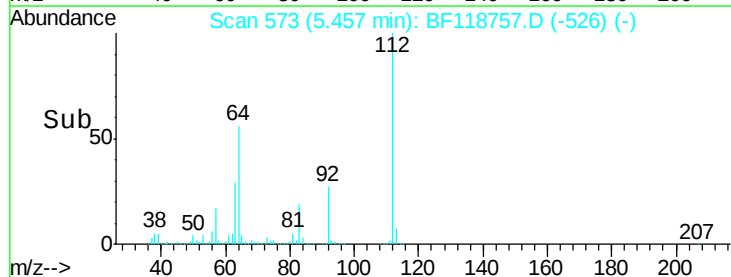
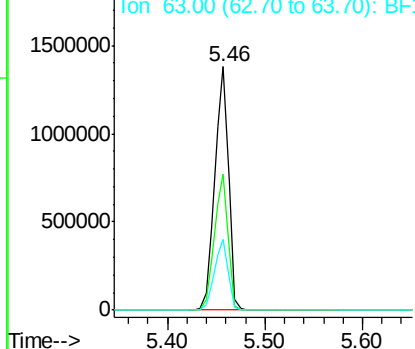
#5

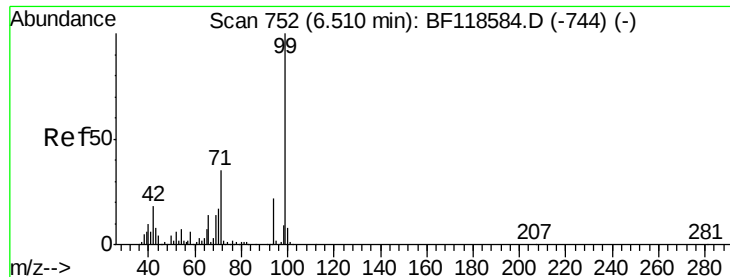
2-Fluorophenol  
Concen: 97.559 ng  
RT: 5.46 min Scan# 573  
Delta R.T. -0.02 min  
Lab File: BF118757.D  
Acq: 30 Jan 2020 17:58

Tgt Ion:112 Resp: 1336904  
Ion Ratio Lower Upper  
112 100  
64 55.9 42.4 63.6  
63 29.1 21.7 32.5



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: 94.460 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.03 min

Lab File: BF118757.D

Acq: 30 Jan 2020 17:58

Instrument :

BNA\_F

ClientSampleId :

124018-A

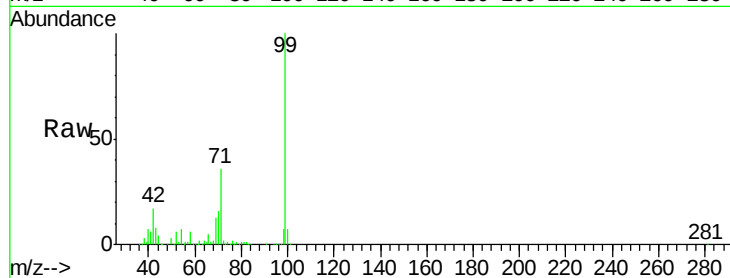
Tot Ion: 99 Resp: 1682434

Ion Ratio Lower Upper

99 100

42 16.8 13.1 19.7

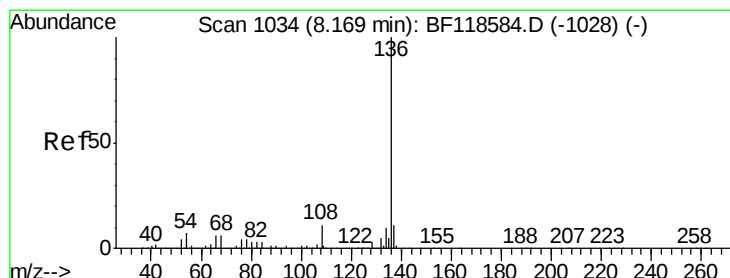
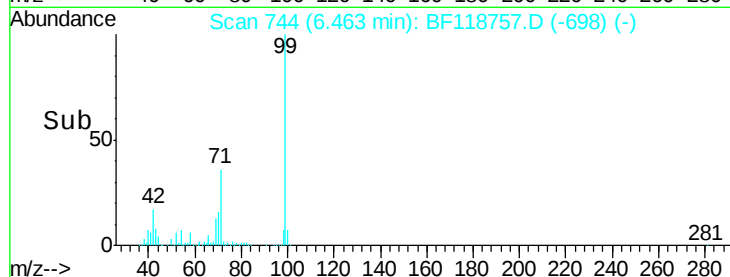
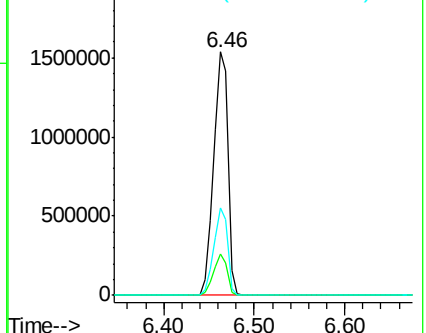
71 36.0 28.4 42.6



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: 8.12 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF118757.D

Acq: 30 Jan 2020 17:58

Tgt Ion: 136 Resp: 977398

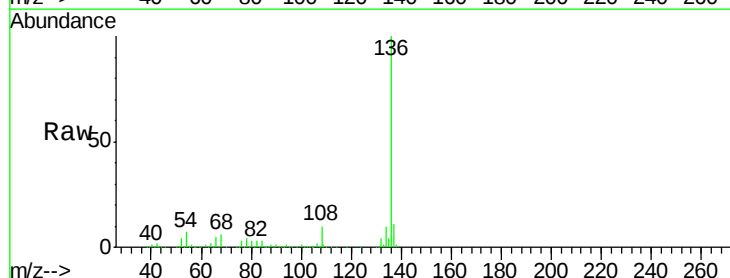
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 6.6 5.1 7.7

68 6.1 4.3 6.5

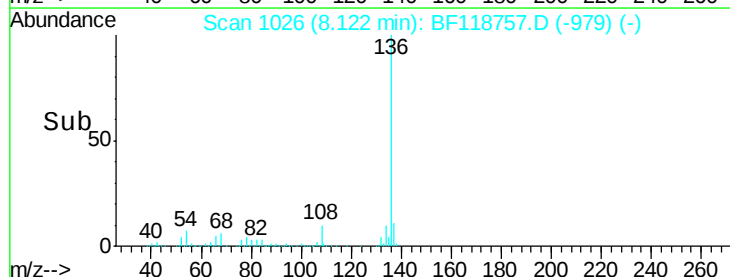
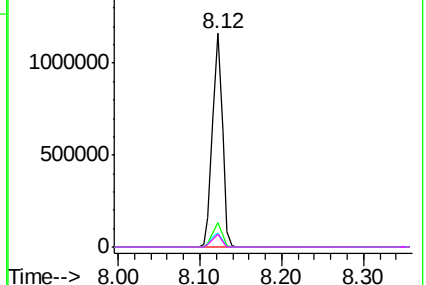


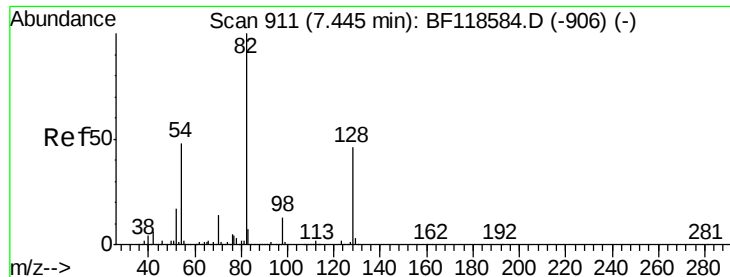
Abundance Ion 136.00 (135.70 to 136.70): E

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

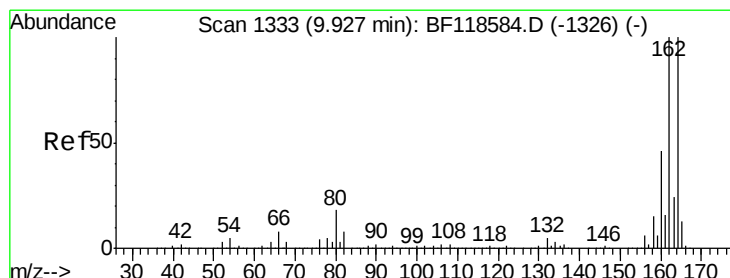
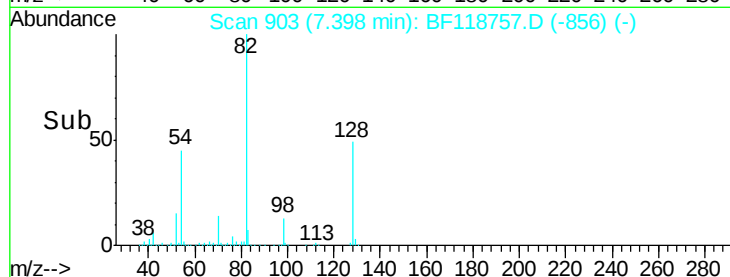
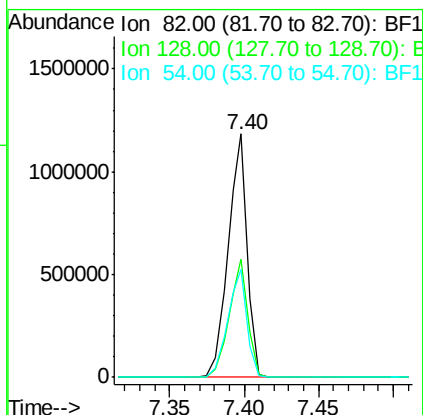
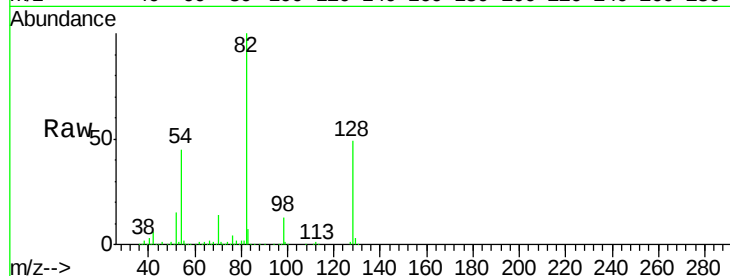




#23  
 Nitrobenzene-d5  
 Concen: 61.235 ng  
 RT: 7.40 min Scan# 903  
 Delta R.T. -0.02 min  
 Lab File: BF118757.D  
 Acq: 30 Jan 2020 17:58

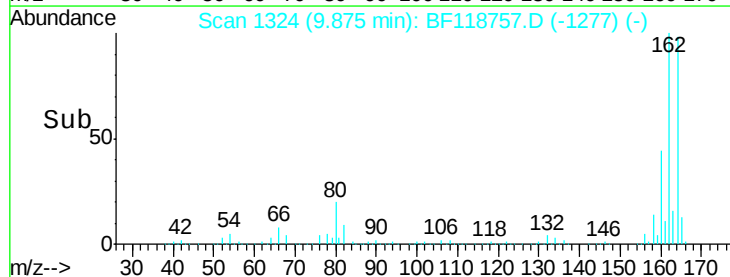
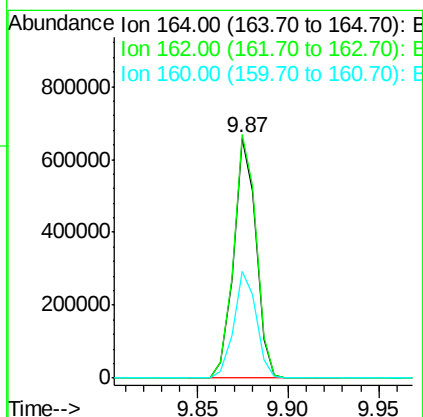
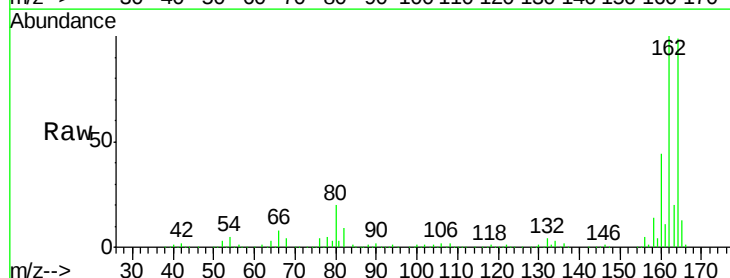
Instrument :  
 BNA\_F  
 ClientSampleId :  
 124018-A

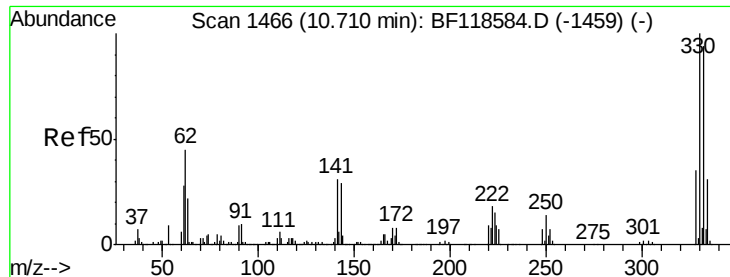
Tot Ion: 82 Resp: 1070026  
 Ion Ratio Lower Upper  
 82 100  
 128 48.7 38.2 57.2  
 54 44.5 36.1 54.1



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.87 min Scan# 1324  
 Delta R.T. -0.02 min  
 Lab File: BF118757.D  
 Acq: 30 Jan 2020 17:58

Tgt Ion: 164 Resp: 565518  
 Ion Ratio Lower Upper  
 164 100  
 162 101.3 80.8 121.2  
 160 44.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 100.164 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF118757.D

Acq: 30 Jan 2020 17:58

Instrument :

BNA\_F

ClientSampleId :

124018-A

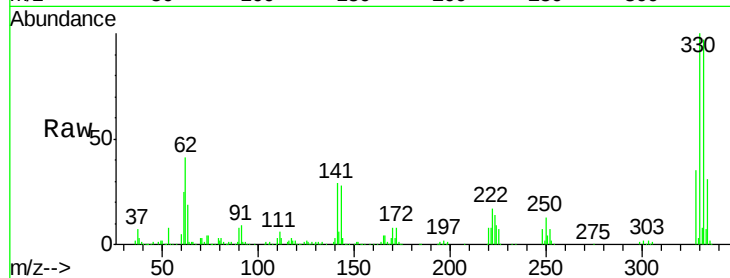
Tot Ion:330 Resp: 655167

Ion Ratio Lower Upper

330 100

332 96.8 77.6 116.4

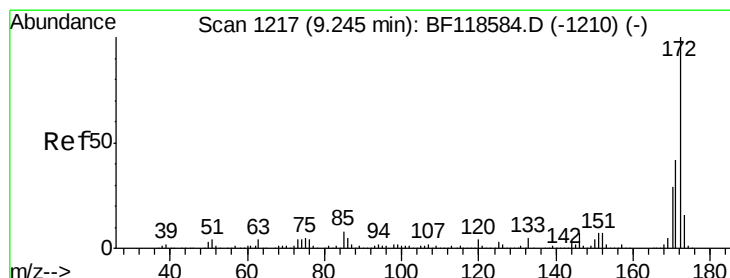
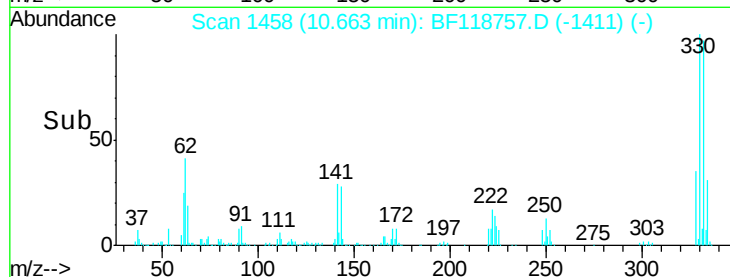
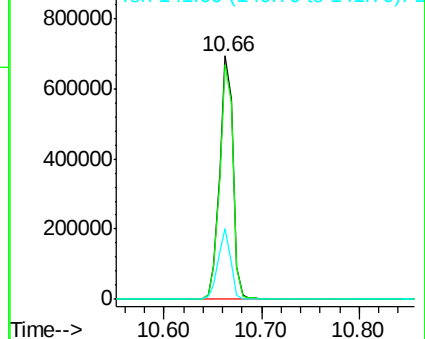
141 27.4 22.2 33.2



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: 63.134 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.02 min

Lab File: BF118757.D

Acq: 30 Jan 2020 17:58

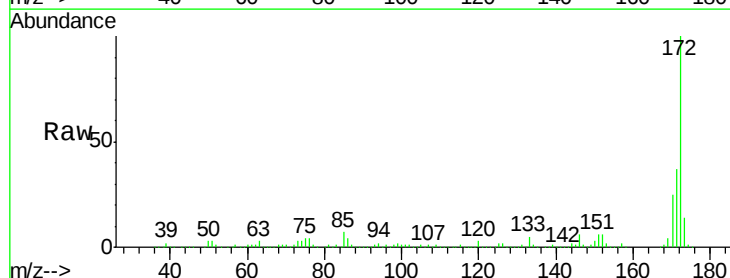
Tgt Ion:172 Resp: 2172261

Ion Ratio Lower Upper

172 100

171 37.4 31.0 46.4

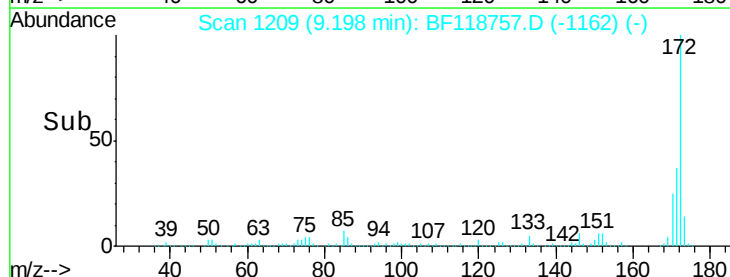
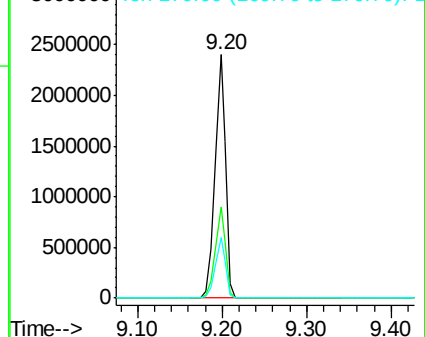
170 24.8 20.7 31.1

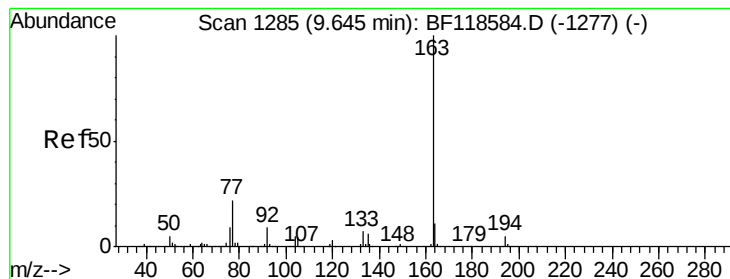


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.058 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.04 min

Lab File: BF118757.D

Acq: 30 Jan 2020 17:58

Instrument :

BNA\_F

ClientSampleId :

124018-A

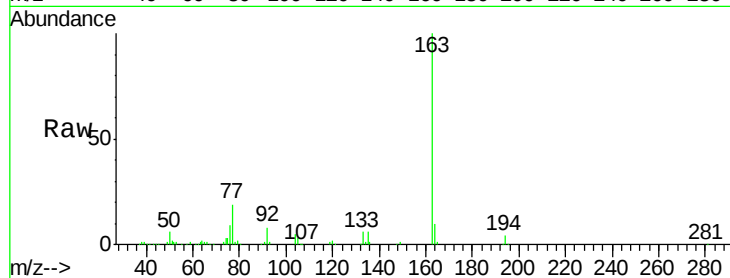
Tot Ion:163 Resp: 149519

Ion Ratio Lower Upper

163 100

194 3.9 3.7 5.5

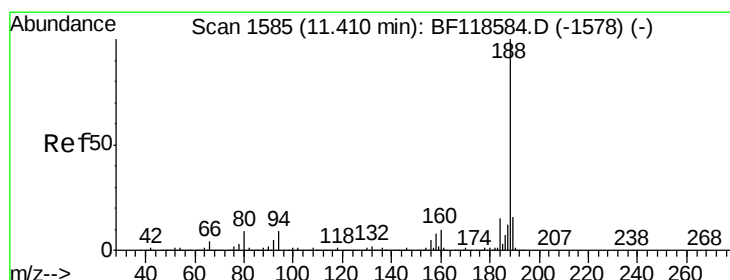
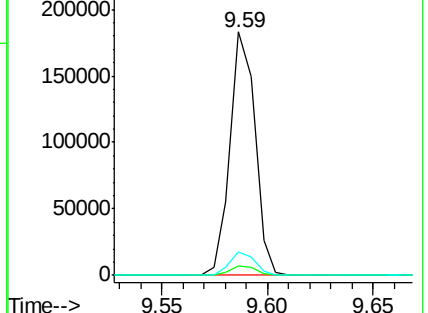
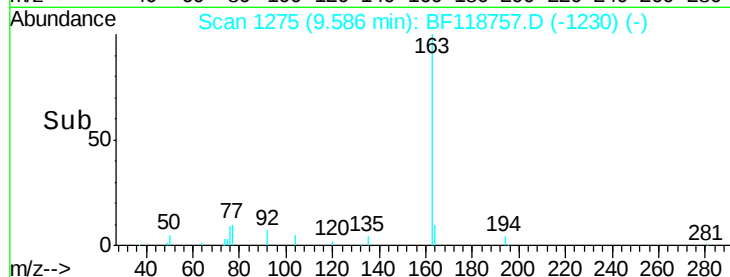
164 9.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BF118757.D

Acq: 30 Jan 2020 17:58

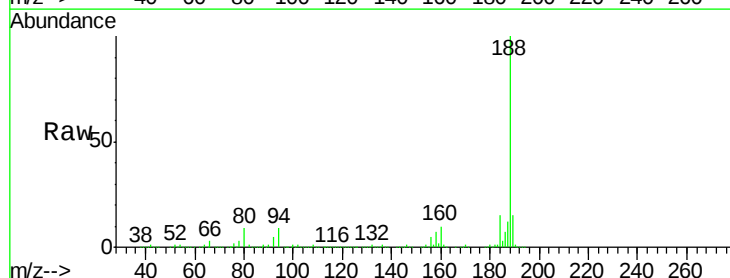
Tgt Ion:188 Resp: 1110229

Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.2

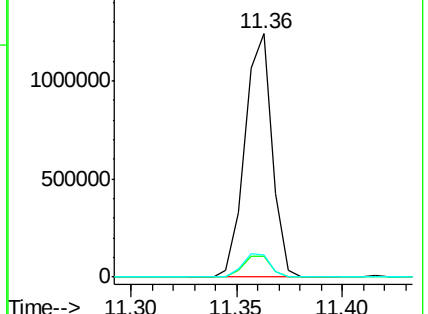
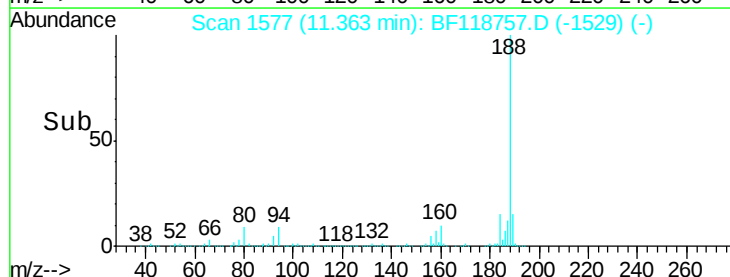
80 9.1 7.8 11.8

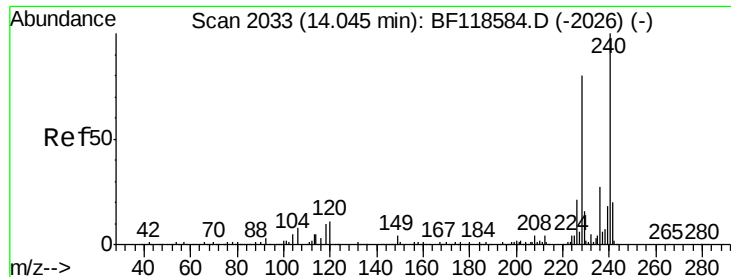


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

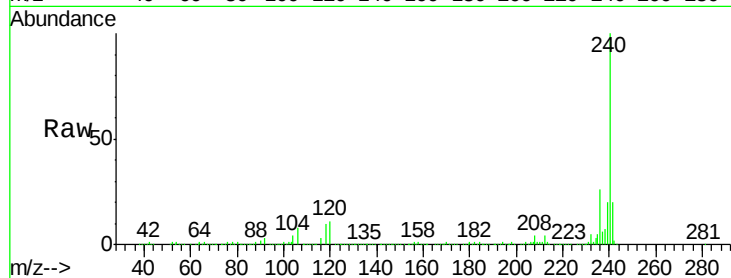




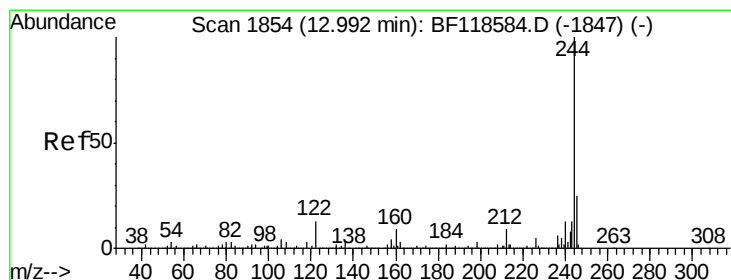
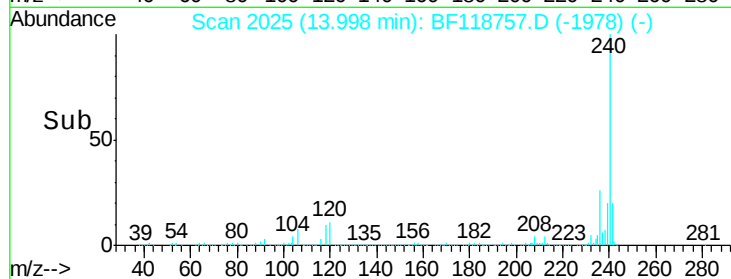
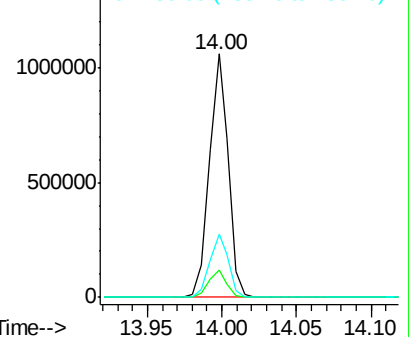
#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.00 min Scan# 2025  
 Delta R.T. -0.02 min  
 Lab File: BF118757.D  
 Acq: 30 Jan 2020 17:58

Instrument :  
 BNA\_F  
 ClientSampled :  
 124018-A

Tot Ion:240 Resp: 948250  
 Ion Ratio Lower Upper  
 240 100  
 120 11.1 7.6 11.4  
 236 26.1 21.0 31.4

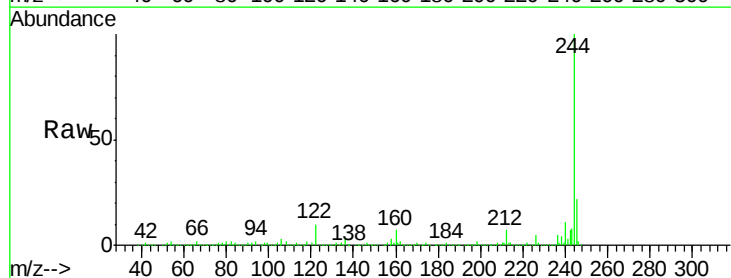


Abundance Ion 240.00 (239.70 to 240.70): E  
 Ion 120.00 (119.70 to 120.70): E  
 Ion 236.00 (235.70 to 236.70): E

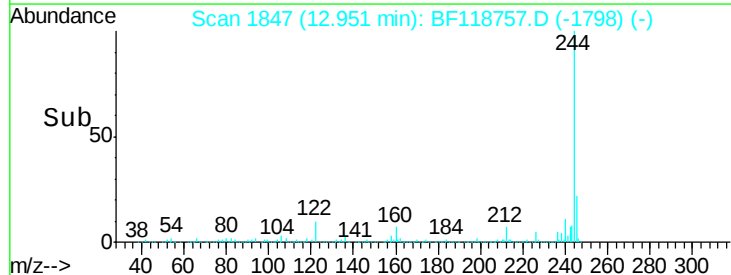
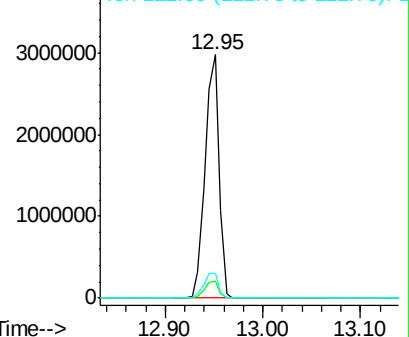


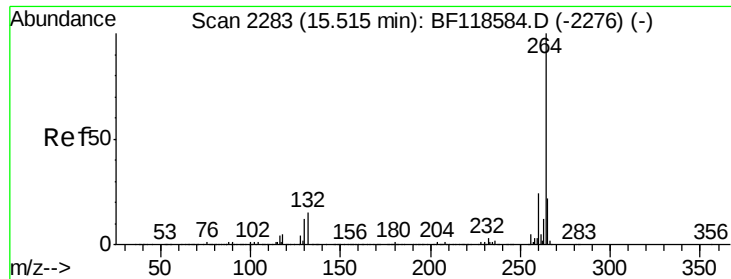
#79  
 Terphenyl-d14  
 Concen: 67.904 ng  
 RT: 12.95 min Scan# 1847  
 Delta R.T. -0.01 min  
 Lab File: BF118757.D  
 Acq: 30 Jan 2020 17:58

Tgt Ion:244 Resp: 2952177  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 6.3 9.5  
 122 10.2 9.2 13.8



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





#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.46 min Scan# 2273  
Delta R.T. -0.02 min  
Lab File: BF118757.D  
Acq: 30 Jan 2020 17:58

Instrument :  
BNA\_F  
ClientSampleId :  
124018-A

Tot Ion:264 Resp: 929742  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.7  | 18.6  | 28.0  |
| 265 | 21.6  | 17.0  | 25.6  |

