

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\  
 Data File : BF110560.D  
 Acq On : 7 Nov 2018 17:27  
 Operator : JU/SJ  
 Sample : J5762-01 2X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BU-01-110518

Quant Time: Nov 09 10:32:16 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 01 16:06:12 2018  
 Response via : Initial Calibration

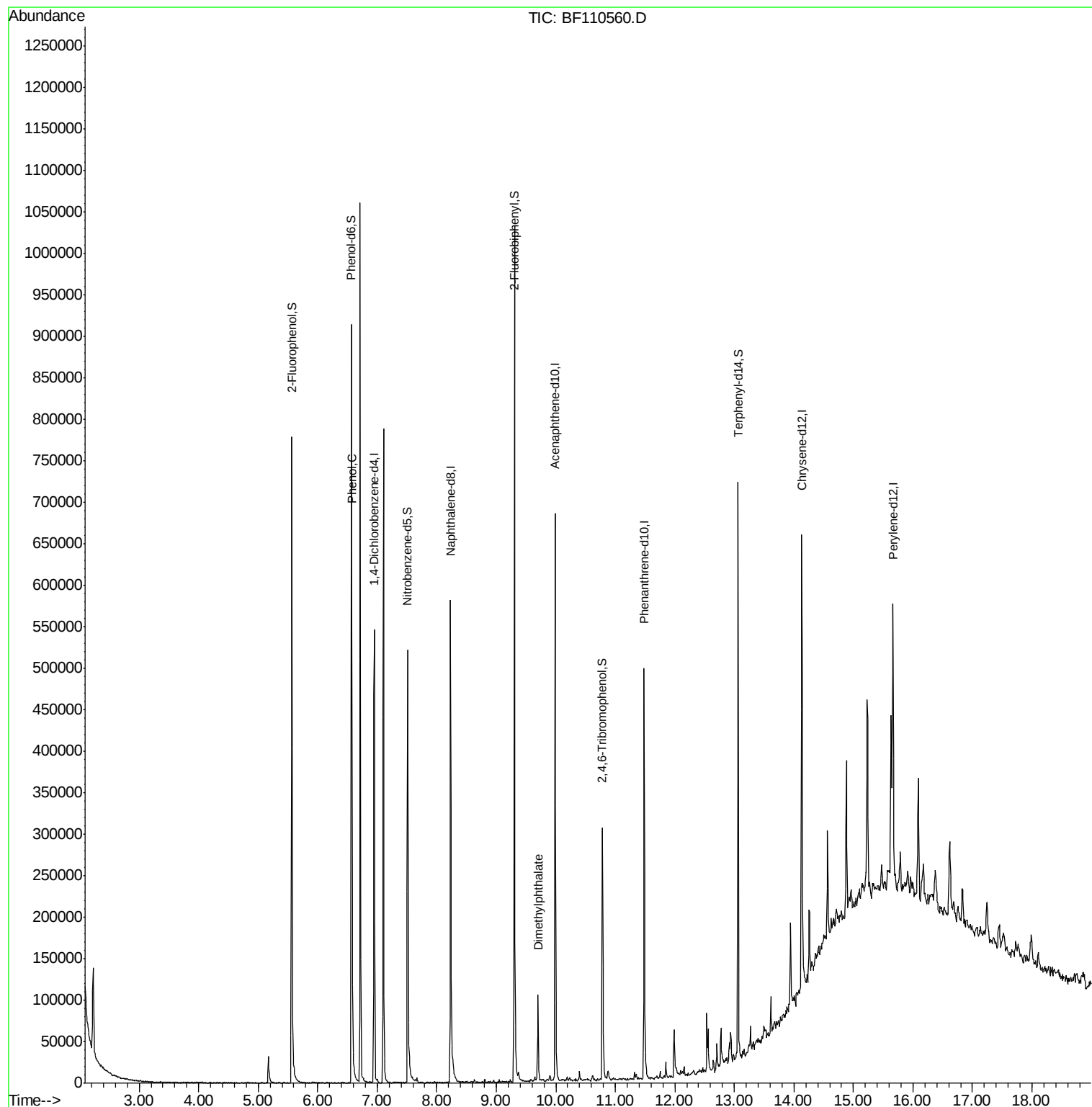
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|-------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.95  | 152  | 83527    | 20.00 | ng    | 0.00        |
| 21) Naphthalene-d8          | 8.23  | 136  | 325169   | 20.00 | ng    | 0.00        |
| 39) Acenaphthene-d10        | 9.99  | 164  | 134457   | 20.00 | ng    | 0.00        |
| 64) Phenanthrene-d10        | 11.49 | 188  | 199408   | 20.00 | ng    | 0.00        |
| 76) Chrysene-d12            | 14.13 | 240  | 184521   | 20.00 | ng    | 0.00        |
| 87) Perylene-d12            | 15.66 | 264  | 171084   | 20.00 | ng    | 0.00        |
| System Monitoring Compounds |       |      |          |       |       |             |
| 5) 2-Fluorophenol           | 5.56  | 112  | 233731   | 45.57 | ng    | -0.01       |
| 7) Phenol-d6                | 6.57  | 99   | 315021   | 48.02 | ng    | -0.01       |
| 23) Nitrobenzene-d5         | 7.51  | 82   | 193948   | 35.38 | ng    | -0.01       |
| 42) 2,4,6-Tribromophenol    | 10.79 | 330  | 43271    | 32.49 | ng    | 0.00        |
| 45) 2-Fluorobiphenyl        | 9.30  | 172  | 338573   | 39.54 | ng    | -0.01       |
| 79) Terphenyl-d14           | 13.06 | 244  | 221860   | 25.01 | ng    | -0.01       |
| Target Compounds            |       |      |          |       |       |             |
| 10) Phenol                  | 6.58  | 94   | 20804    | 2.967 | ng    | Qvalue # 75 |
| 50) Dimethylphthalate       | 9.70  | 163  | 47930    | 4.829 | ng    | 98          |

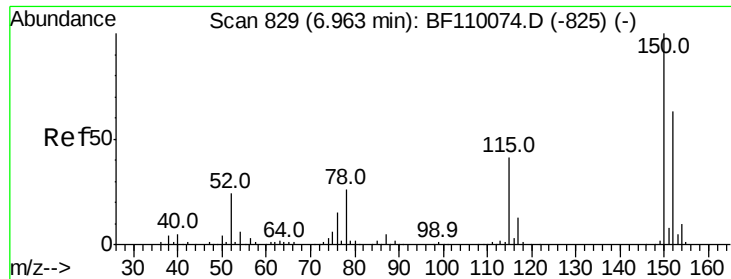
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\  
Data File : BF110560.D  
Acq On : 7 Nov 2018 17:27  
Operator : JU/SJ  
Sample : J5762-01 2X  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
BU-01-110518

Quant Time: Nov 09 10:32:16 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 01 16:06:12 2018  
Response via : Initial Calibration



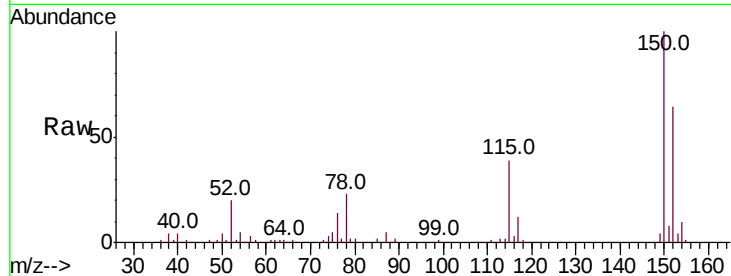


#1

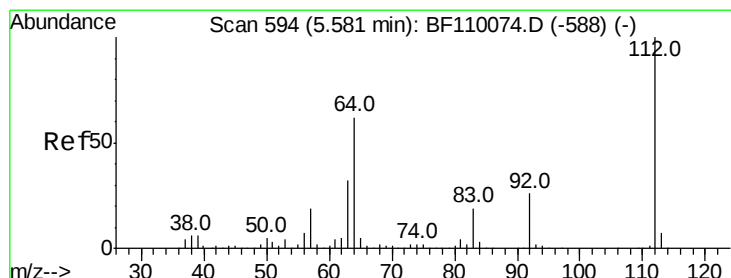
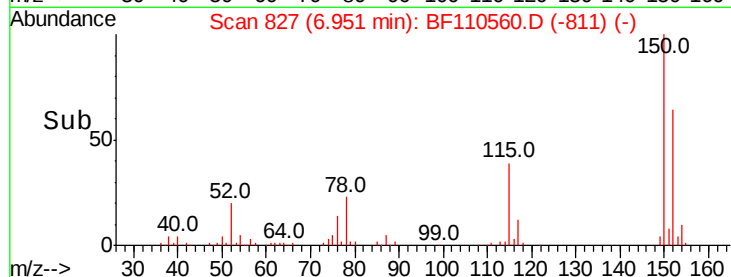
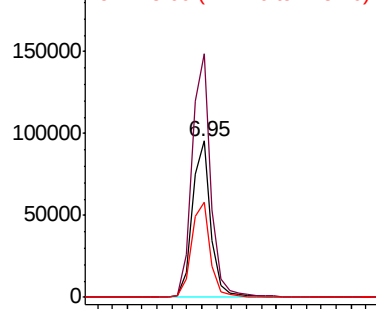
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.95 min Scan# 827  
Delta R.T. -0.01 min  
Lab File: BF110560.D  
Acq: 7 Nov 2018 17:27

Instrument :  
BNA\_F  
ClientSampleId :  
BU-01-110518

Tot Ion:152 Resp: 83527  
Ion Ratio Lower Upper  
152 100  
150 155.8 122.7 184.1  
115 60.5 49.1 73.7



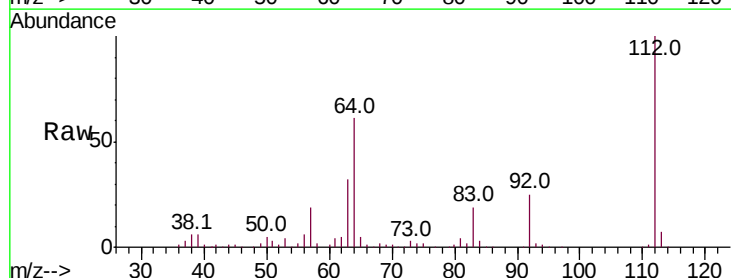
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



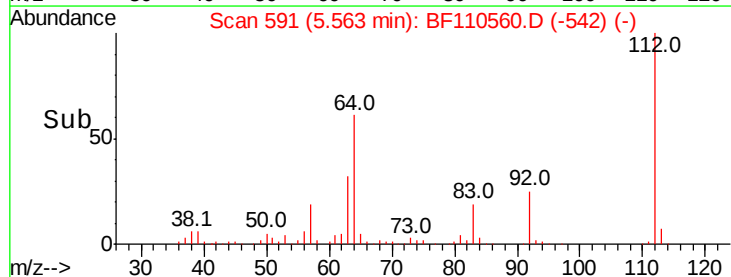
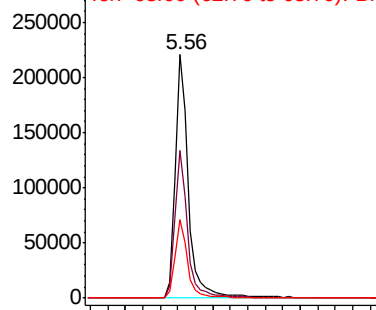
#5

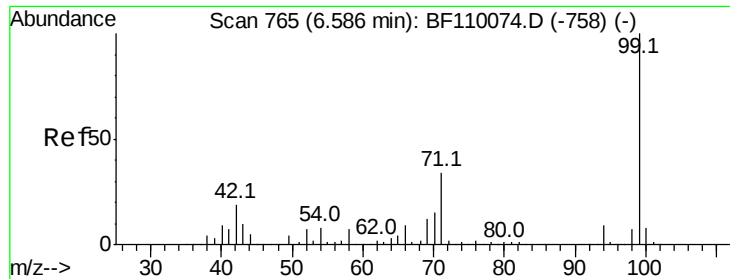
2-Fluorophenol  
Concen: 45.568 ng  
RT: 5.56 min Scan# 591  
Delta R.T. -0.01 min  
Lab File: BF110560.D  
Acq: 7 Nov 2018 17:27

Tgt Ion:112 Resp: 233731  
Ion Ratio Lower Upper  
112 100  
64 60.8 44.1 66.1  
63 32.1 23.7 35.5



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: 48.017 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110560.D

Acq: 7 Nov 2018 17:27

Instrument :

BNA\_F

ClientSampleId :

BU-01-110518

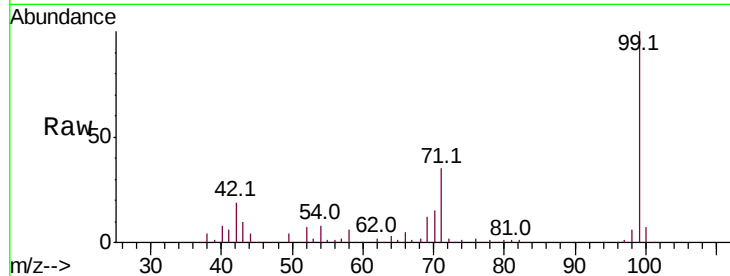
Tot Ion: 99 Resp: 315021

Ion Ratio Lower Upper

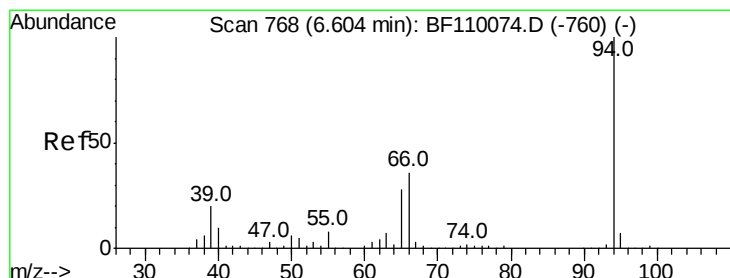
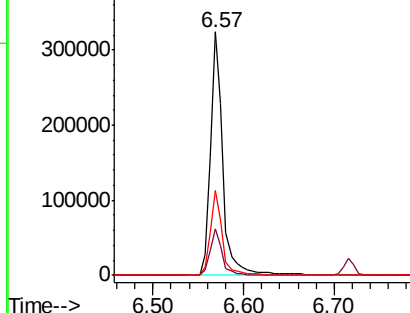
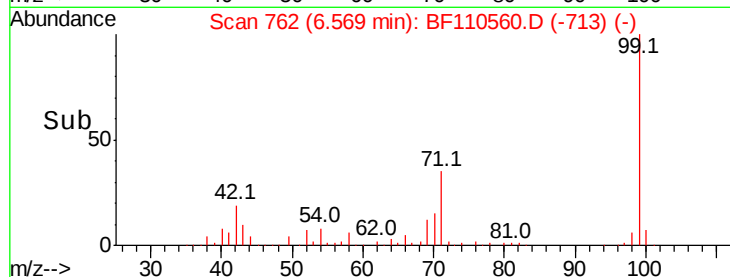
99 100

42 19.3 15.8 23.6

71 34.8 28.0 42.0



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



#10

Phenol

Concen: 2.967 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110560.D

Acq: 7 Nov 2018 17:27

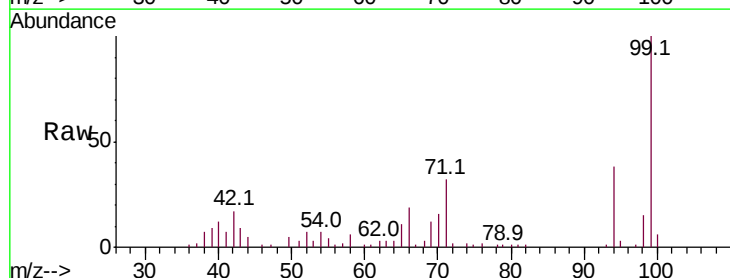
Tgt Ion: 94 Resp: 20804

Ion Ratio Lower Upper

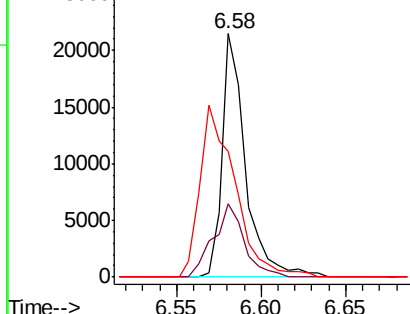
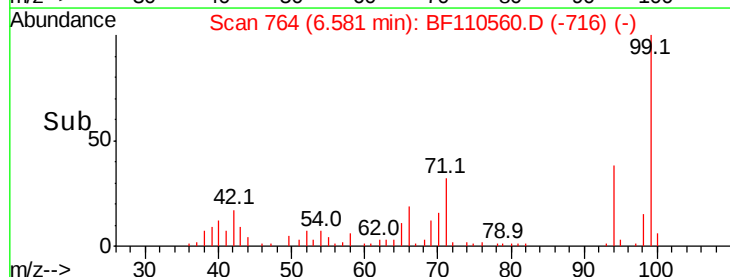
94 100

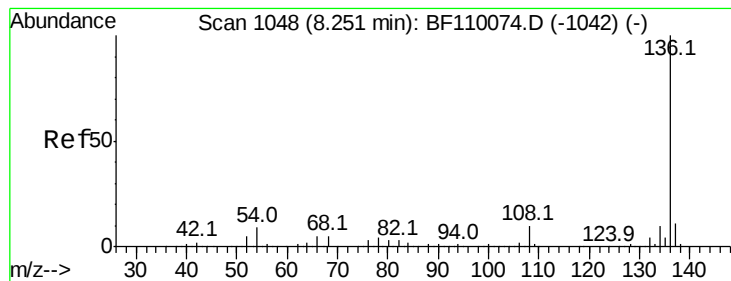
65 30.4 25.3 65.3

66 51.5 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BF110560.D

Acq: 7 Nov 2018 17:27

Instrument :

BNA\_F

ClientSampleId :

BU-01-110518

Tot Ion:136 Resp: 325169

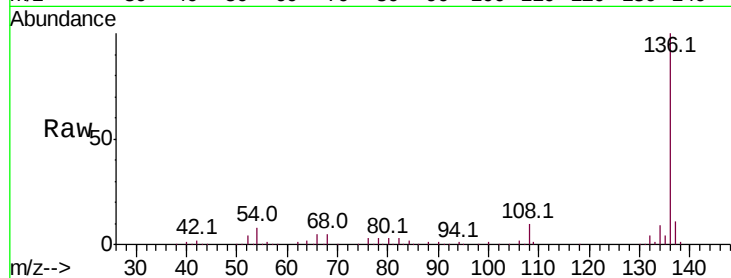
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.9 5.4 8.2

68 5.0 4.2 6.2

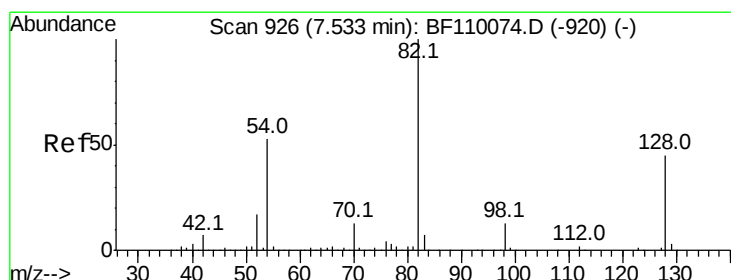
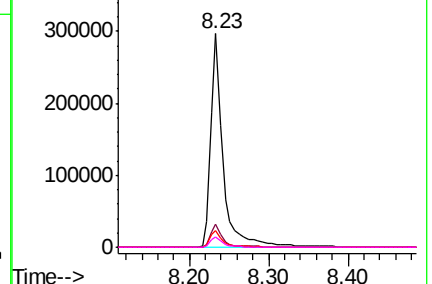
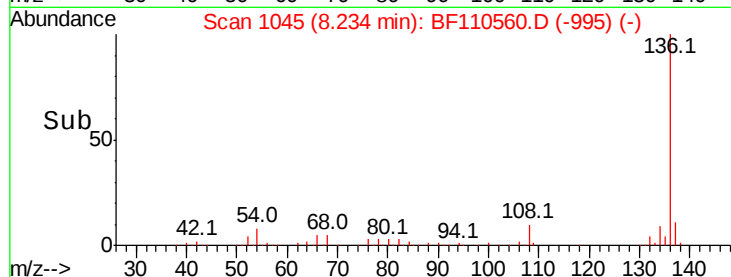


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.378 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF110560.D

Acq: 7 Nov 2018 17:27

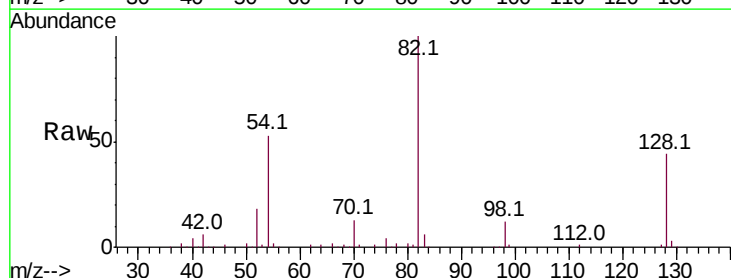
Tgt Ion: 82 Resp: 193948

Ion Ratio Lower Upper

82 100

128 44.0 34.2 51.2

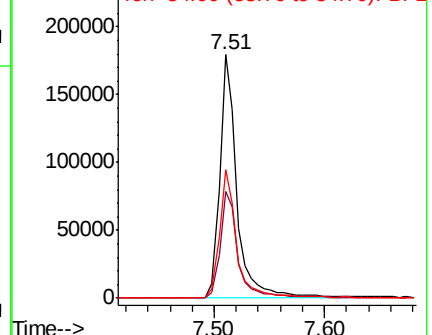
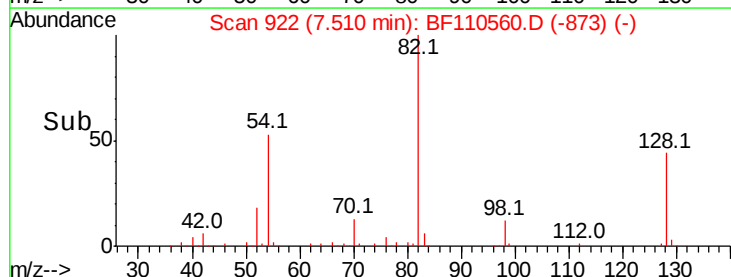
54 52.8 38.6 58.0

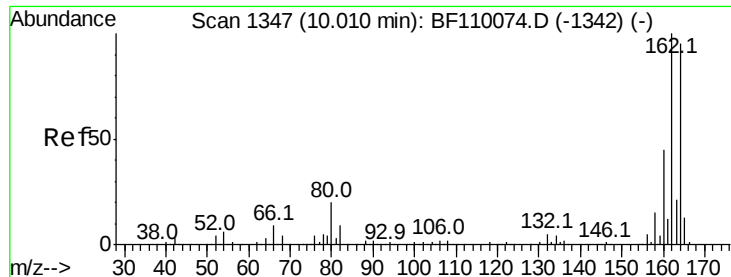


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

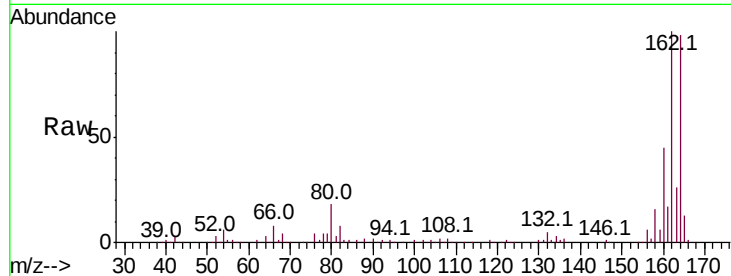




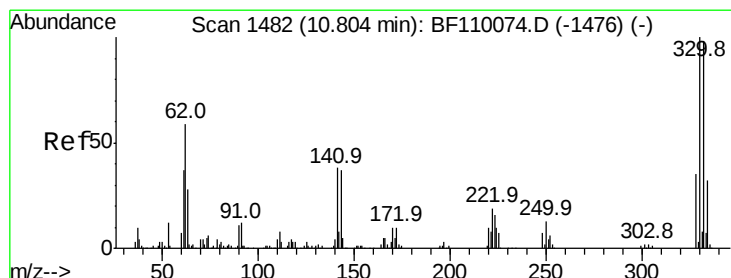
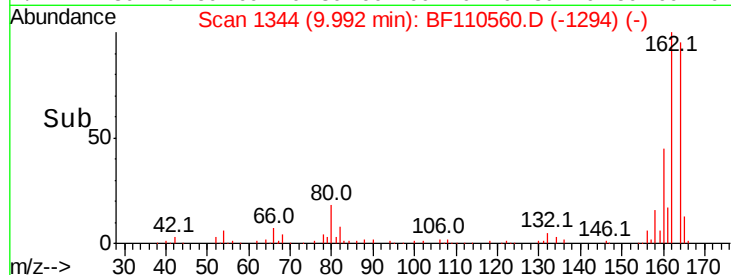
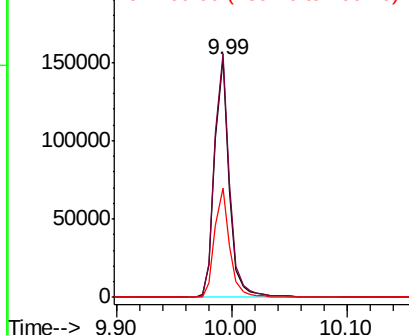
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.99 min Scan# 1344  
Delta R.T. -0.01 min  
Lab File: BF110560.D  
Acq: 7 Nov 2018 17:27

Instrument :  
BNA\_F  
ClientSampleId :  
BU-01-110518

Tot Ion:164 Resp: 134457  
Ion Ratio Lower Upper  
164 100  
162 102.2 83.0 124.6  
160 45.8 37.0 55.6

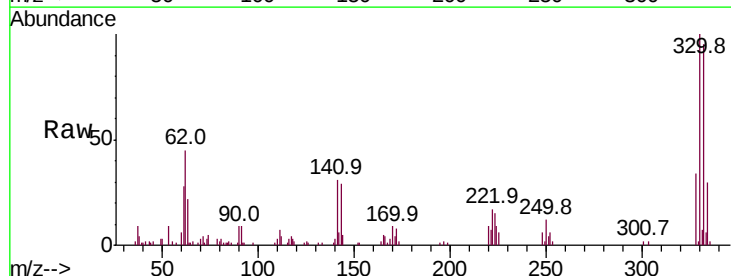


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

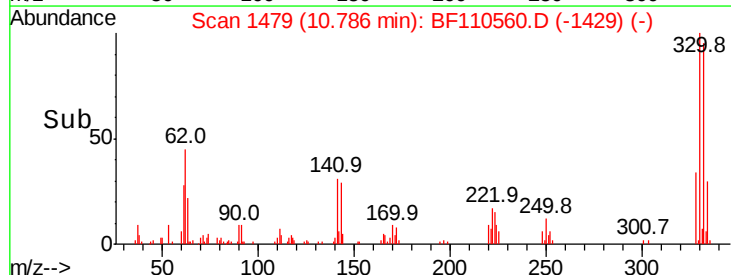
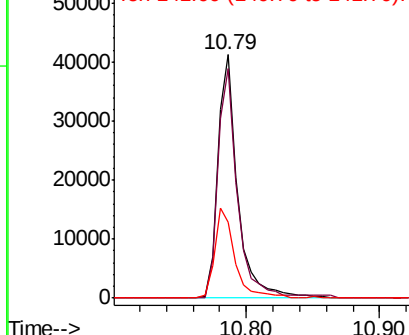


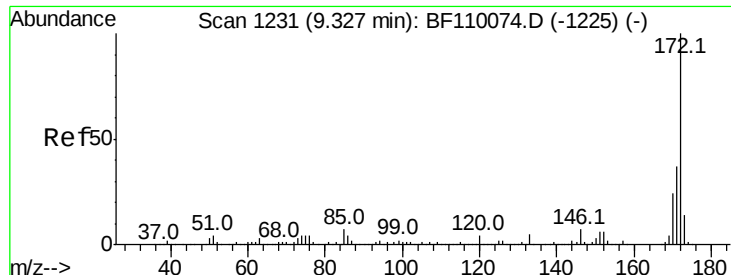
#42  
2,4,6-Tribromophenol  
Concen: 32.489 ng  
RT: 10.79 min Scan# 1479  
Delta R.T. -0.01 min  
Lab File: BF110560.D  
Acq: 7 Nov 2018 17:27

Tgt Ion:330 Resp: 43271  
Ion Ratio Lower Upper  
330 100  
332 94.8 77.1 115.7  
141 37.5 27.0 40.4



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

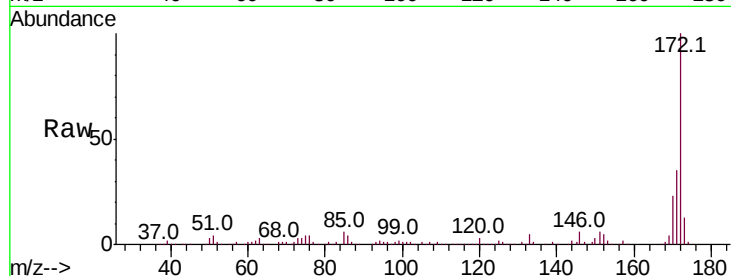




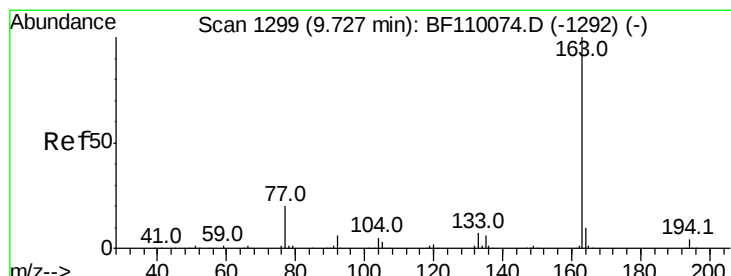
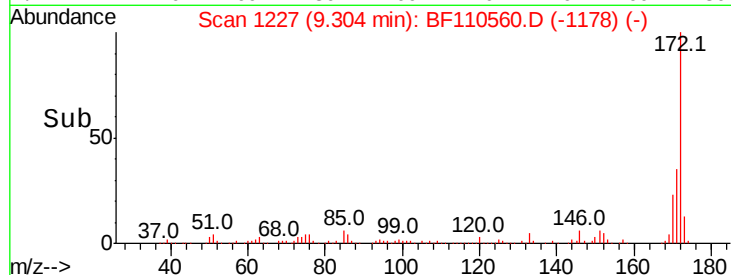
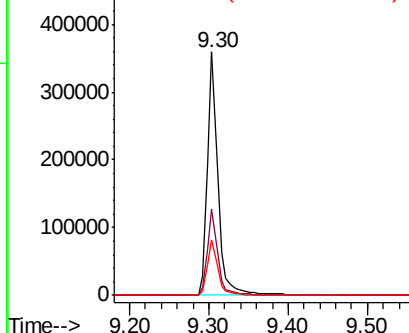
#45  
2-Fluorobiphenyl  
Concen: 39.540 ng  
RT: 9.30 min Scan# 1227  
Delta R.T. -0.01 min  
Lab File: BF110560.D  
Acq: 7 Nov 2018 17:27

Instrument :  
BNA\_F  
ClientSampleId :  
BU-01-110518

Tot Ion:172 Resp: 338573  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.6 43.0  
170 23.0 19.7 29.5

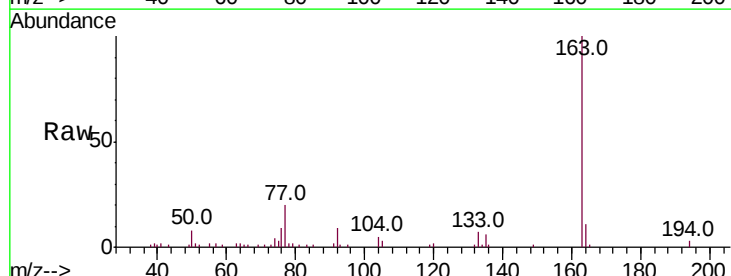


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

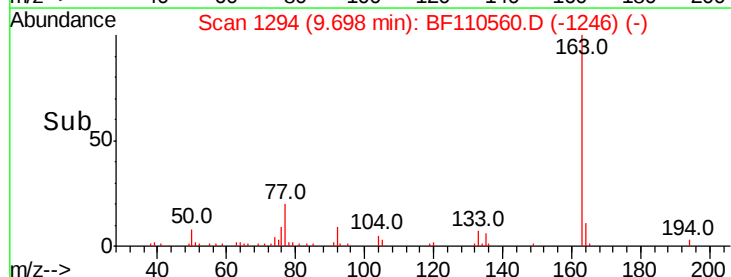
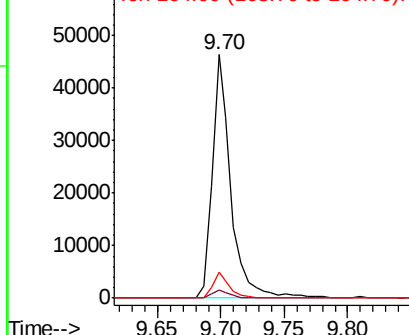


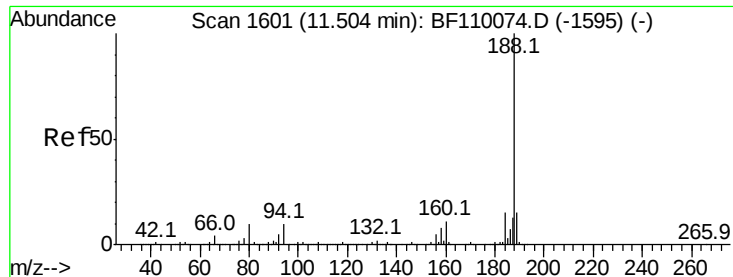
#50  
Dimethylphthalate  
Concen: 4.829 ng  
RT: 9.70 min Scan# 1294  
Delta R.T. -0.02 min  
Lab File: BF110560.D  
Acq: 7 Nov 2018 17:27

Tgt Ion:163 Resp: 47930  
Ion Ratio Lower Upper  
163 100  
194 3.2 3.2 4.8  
164 10.9 8.1 12.1



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: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF110560.D

Acq: 7 Nov 2018 17:27

Instrument :

BNA\_F

ClientSampleId :

BU-01-110518

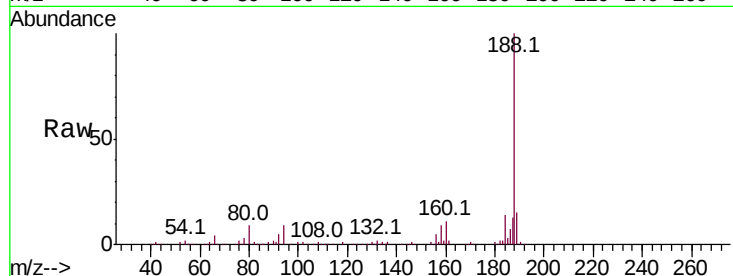
Tot Ion:188 Resp: 199408

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

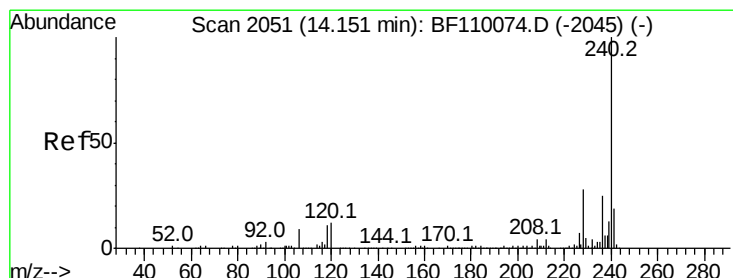
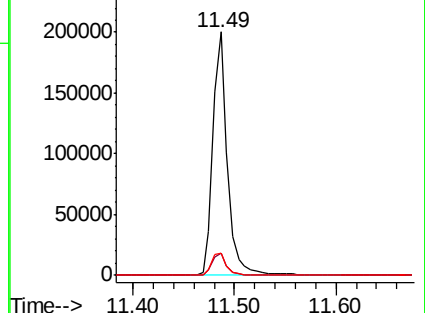
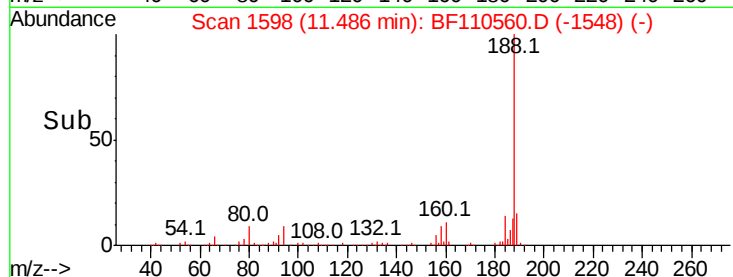
80 9.1 7.9 11.9



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: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110560.D

Acq: 7 Nov 2018 17:27

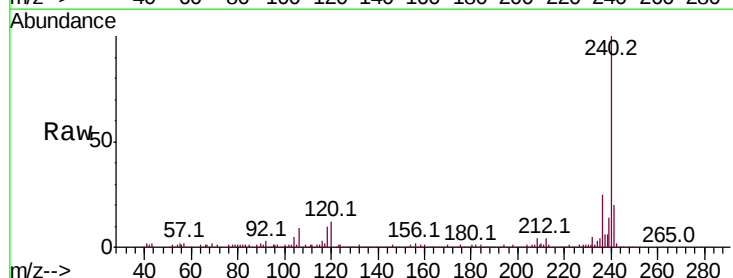
Tgt Ion:240 Resp: 184521

Ion Ratio Lower Upper

240 100

120 11.5 8.3 12.5

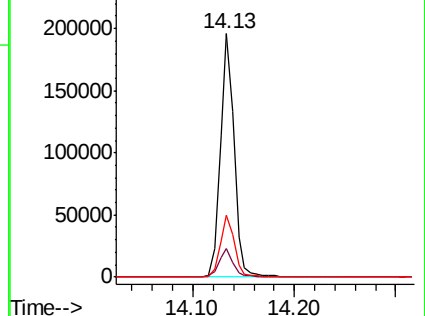
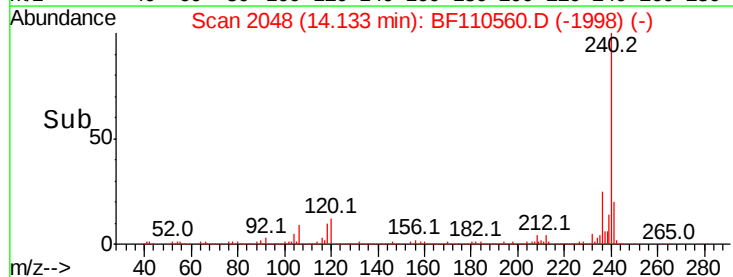
236 25.4 21.2 31.8

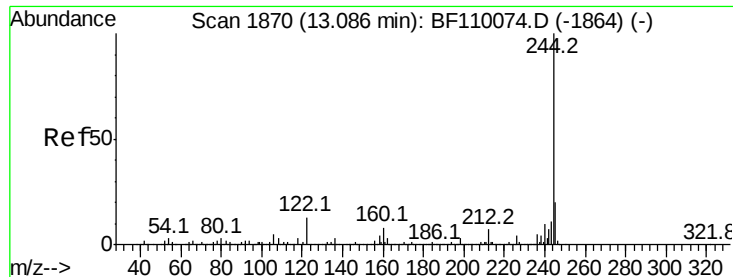


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 25.006 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110560.D

Acq: 7 Nov 2018 17:27

Instrument :

BNA\_F

ClientSampleId :

BU-01-110518

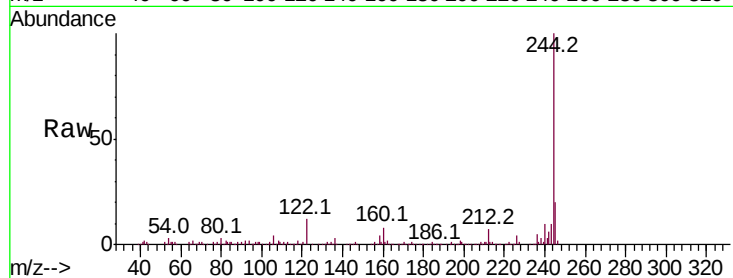
Tot Ion:244 Resp: 221860

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

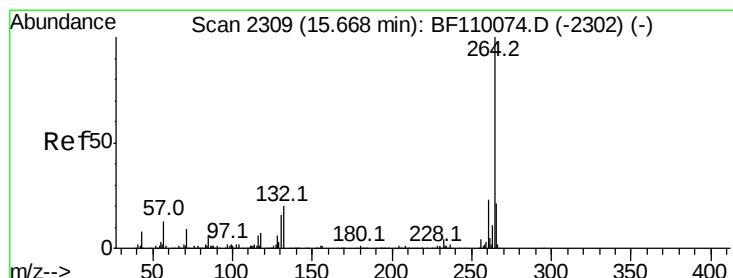
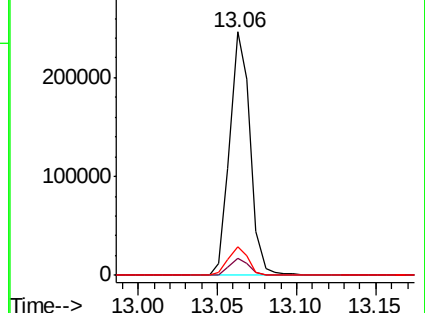
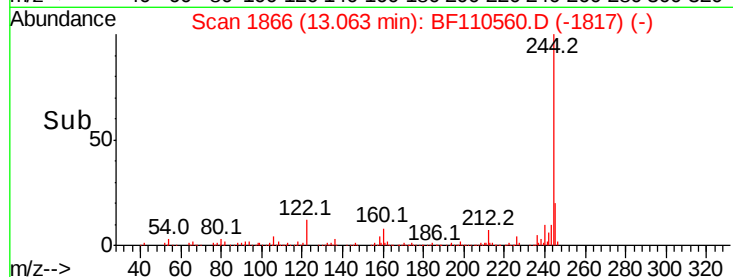
122 12.0 8.7 13.1



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

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. 0.01 min

Lab File: BF110560.D

Acq: 7 Nov 2018 17:27

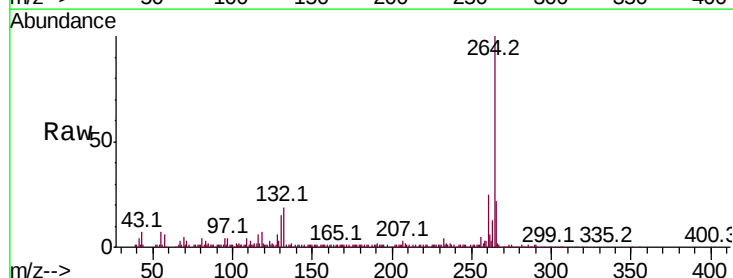
Tgt Ion:264 Resp: 171084

Ion Ratio Lower Upper

264 100

260 24.7 18.7 28.1

265 21.6 16.7 25.1



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

