

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
 Data File : BF106562.D
 Acq On : 19 Jun 2018 2:49
 Operator : JU/SJ
 Sample : J3563-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-05

Quant Time: Jun 19 08:49:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 15 11:11:47 2018
 Response via : Initial Calibration

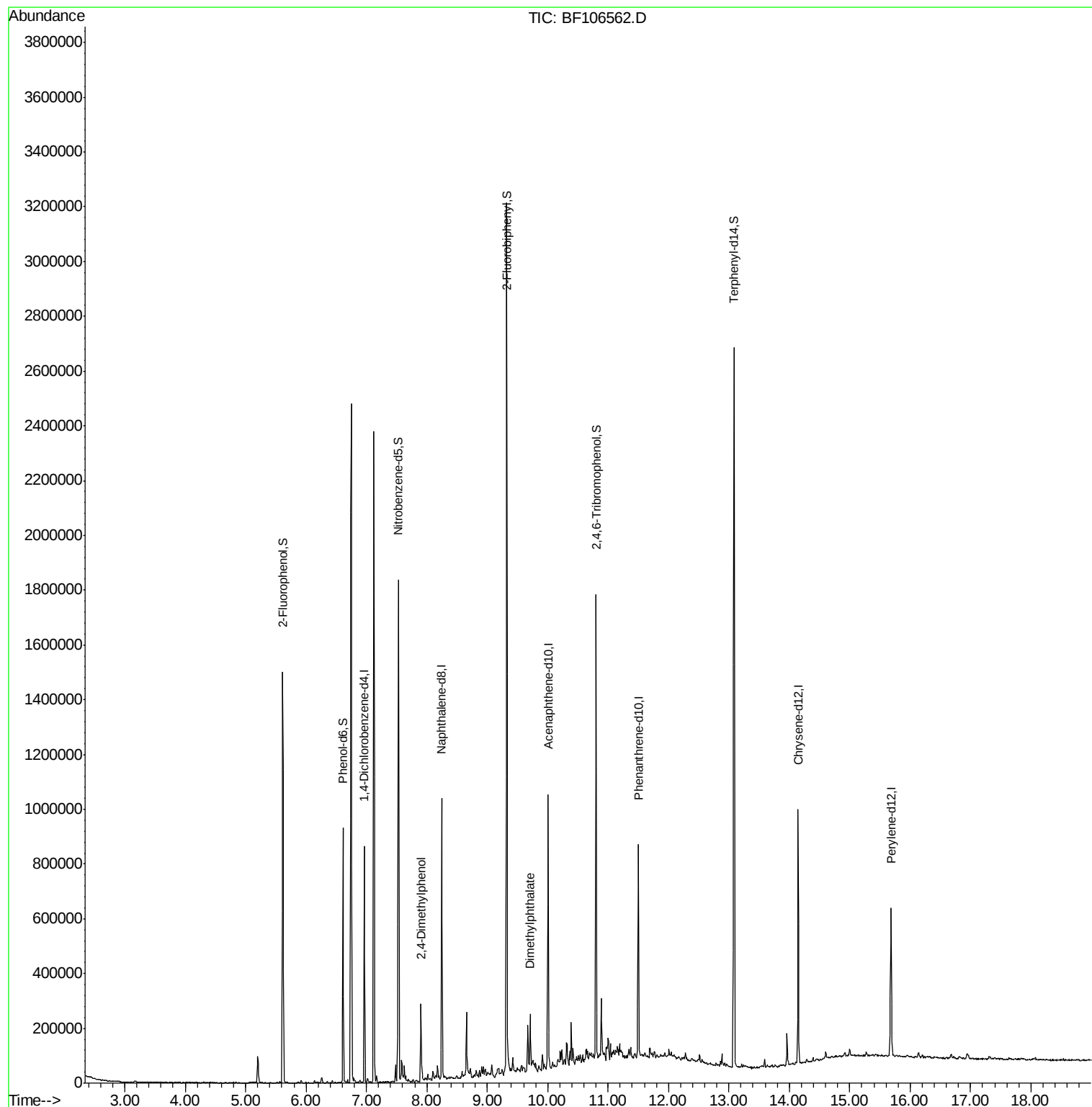
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	115313	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	409910	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	174521	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	272761	20.00	ng	0.00
75) Chrysene-d12	14.15	240	306188	20.00	ng	0.00
86) Perylene-d12	15.68	264	260808	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	395475	58.05	ng	0.00
7) Phenol-d6	6.61	99	301994	35.08	ng	0.00
23) Nitrobenzene-d5	7.53	82	690417	99.09	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	232195	138.28	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1051452	122.17	ng	0.00
78) Terphenyl-d14	13.09	244	1020333	82.77	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	7.90	122	57219	9.931	ng	96
49) Dimethylphthalate	9.71	163	60215	4.829	ng	99

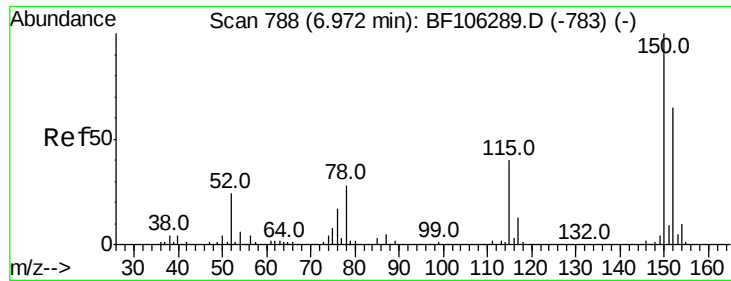
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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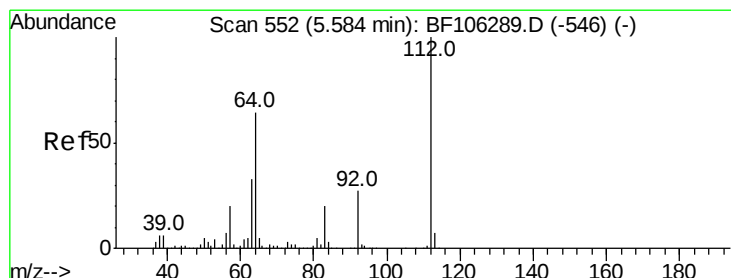
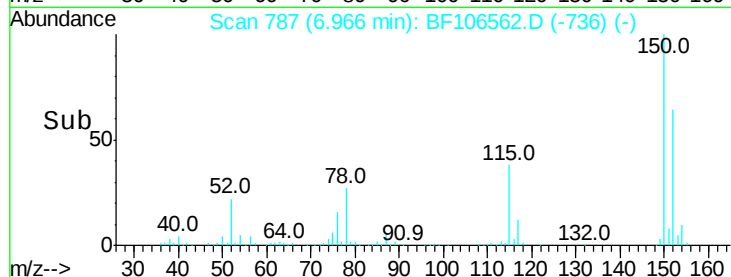
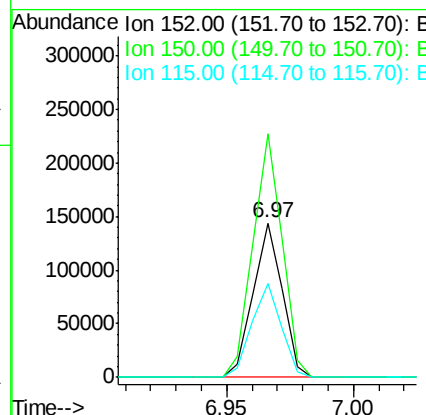
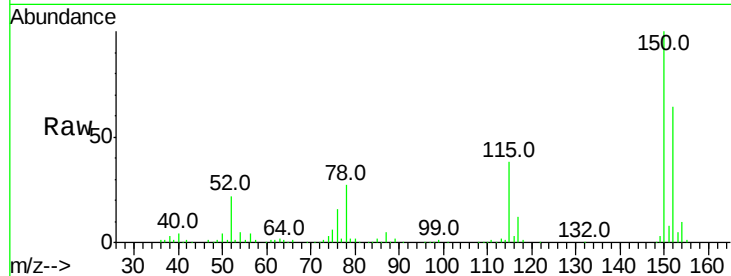


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106562.D
Acq: 19 Jun 2018 2:49

Instrument :
BNA_F
ClientSampleId :
W-05

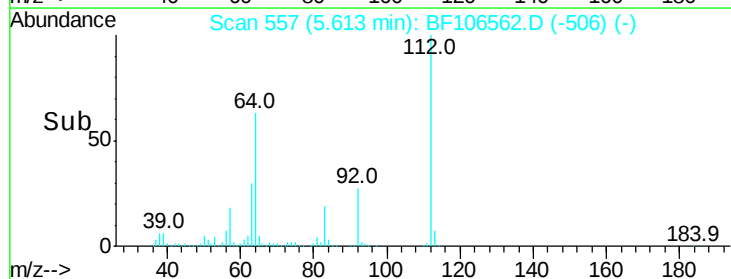
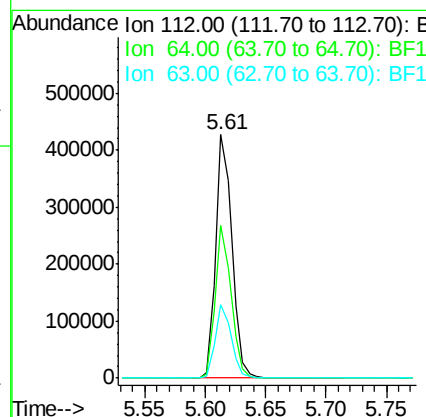
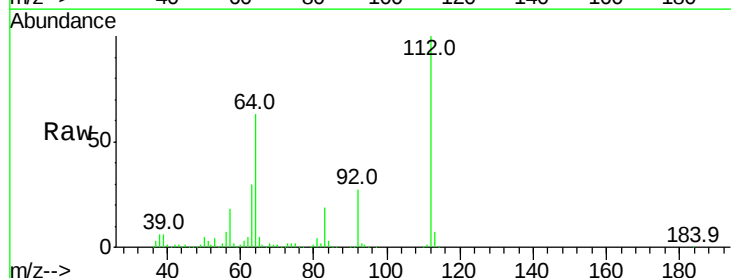
Tot Ion:152 Resp: 115313
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 60.6 50.1 75.1

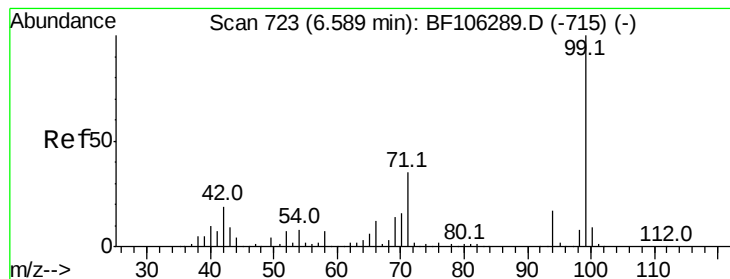


#5

2-Fluorophenol
Concen: 58.046 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF106562.D
Acq: 19 Jun 2018 2:49

Tgt Ion:112 Resp: 395475
Ion Ratio Lower Upper
112 100
64 62.6 47.9 71.9
63 30.2 23.7 35.5





#7

Phenol-d6

Concen: 35.084 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF106562.D

Acq: 19 Jun 2018 2:49

Instrument :

BNA_F

ClientSampleId :

W-05

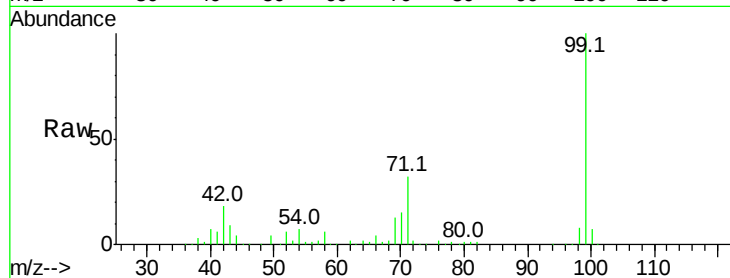
Tot Ion: 99 Resp: 301994

Ion Ratio Lower Upper

99 100

42 17.5 14.5 21.7

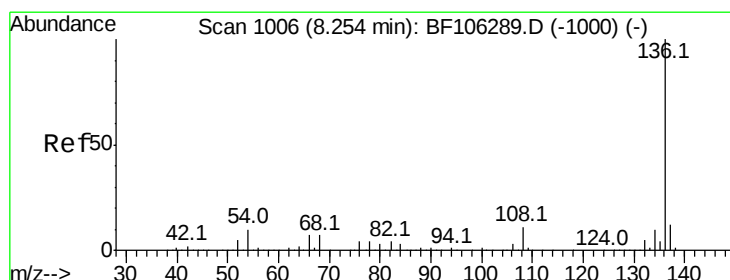
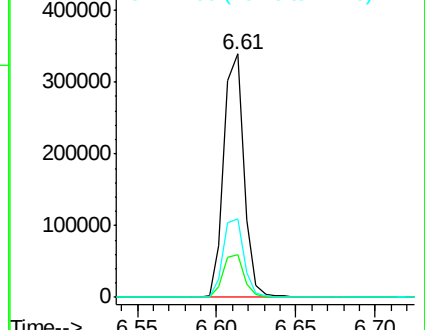
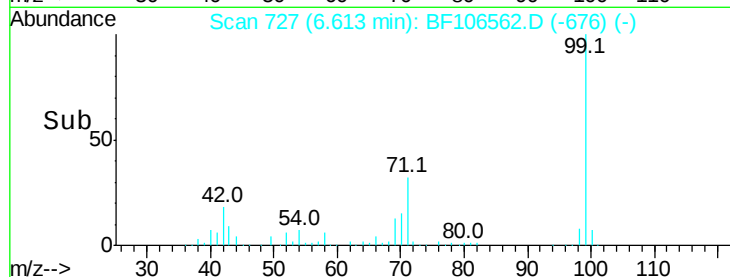
71 32.2 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF106562.D

Acq: 19 Jun 2018 2:49

Tgt Ion: 136 Resp: 409910

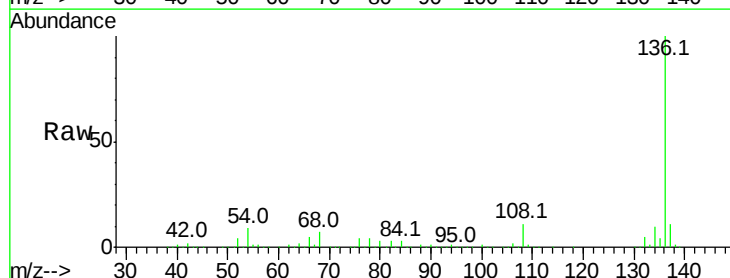
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.9 6.6 9.8

68 7.0 5.0 7.4

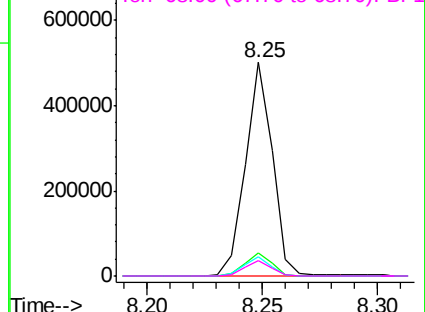
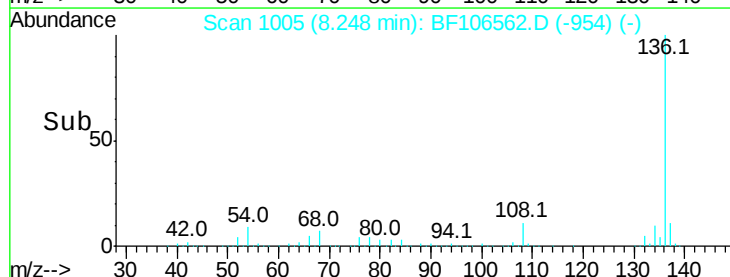


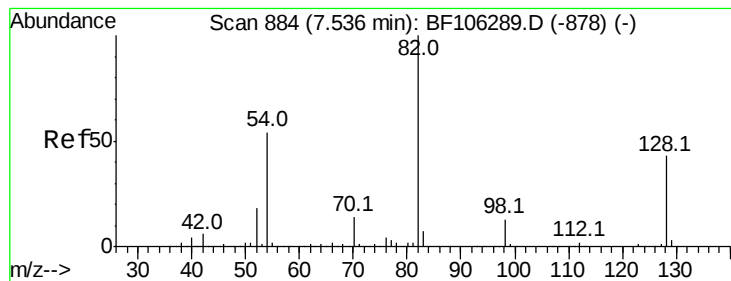
Abundance Ion 136.00 (135.70 to 136.70): E

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: 99.086 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF106562.D

Acq: 19 Jun 2018 2:49

Instrument :

BNA_F

ClientSampleId :

W-05

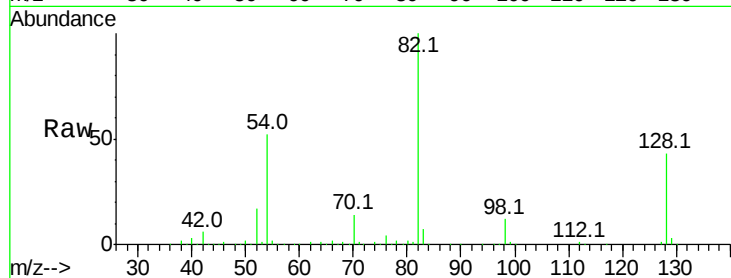
Tot Ion: 82 Resp: 690417

Ion Ratio Lower Upper

82 100

128 43.3 36.1 54.1

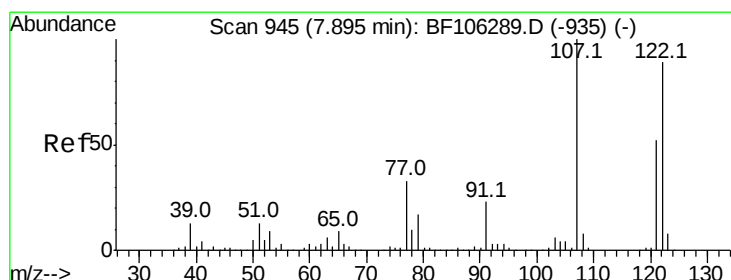
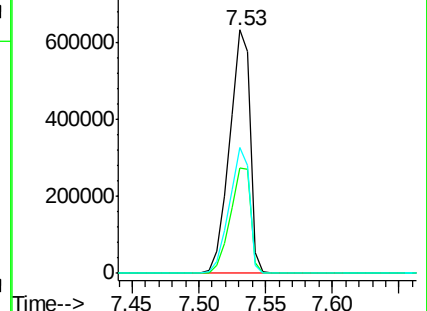
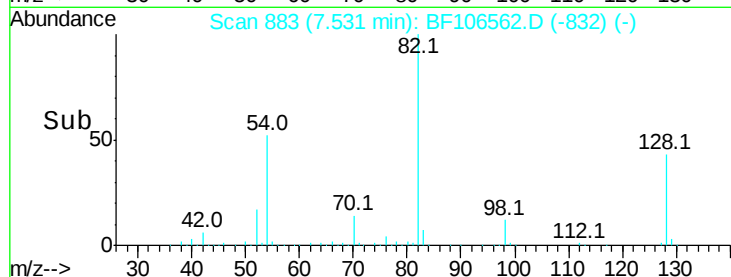
54 51.9 41.4 62.2



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



#27

2,4-Dimethylphenol

Concen: 9.931 ng

RT: 7.90 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF106562.D

Acq: 19 Jun 2018 2:49

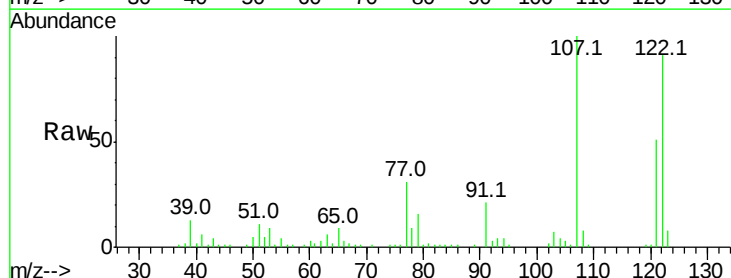
Tgt Ion: 122 Resp: 57219

Ion Ratio Lower Upper

122 100

107 109.5 91.2 136.8

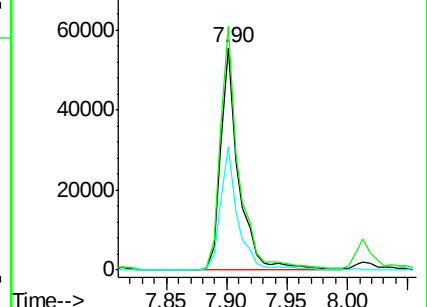
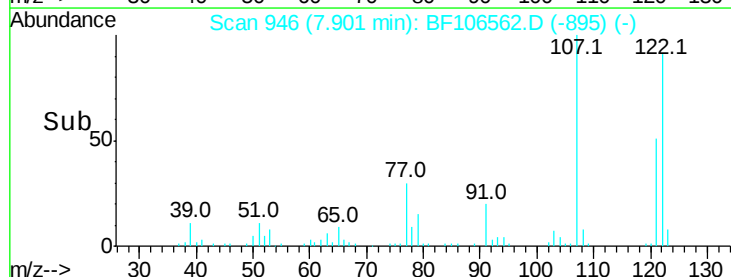
121 55.3 47.2 70.8

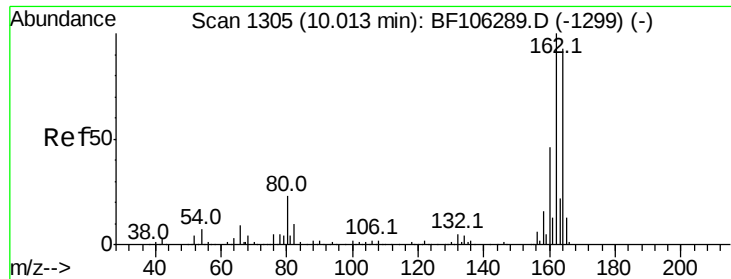


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 107.00 (106.70 to 107.70): BF1

Ion 121.00 (120.70 to 121.70): BF1

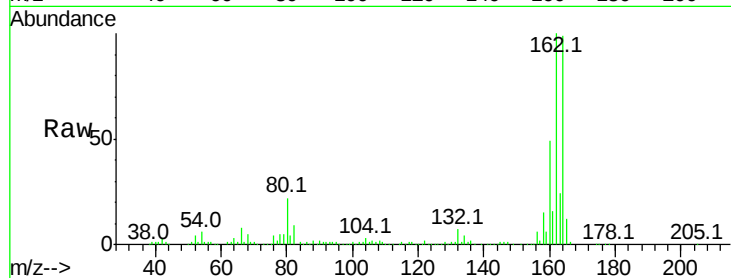




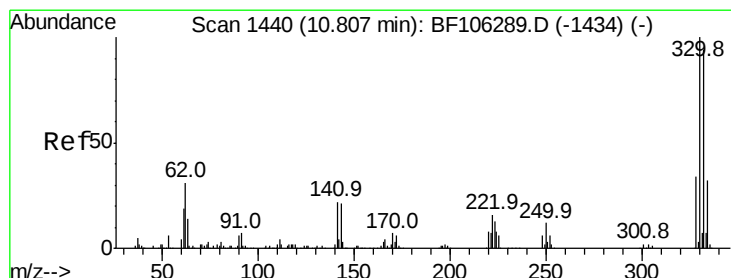
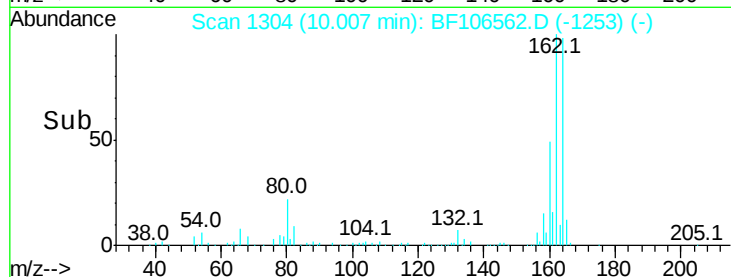
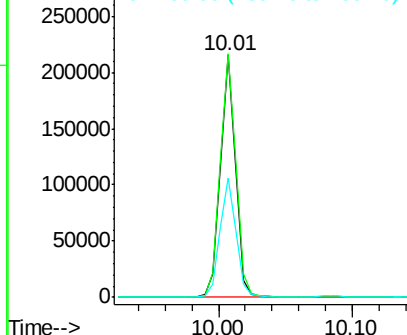
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF106562.D
Acq: 19 Jun 2018 2:49

Instrument :
BNA_F
ClientSampleId :
W-05

Tot Ion:164 Resp: 174521
Ion Ratio Lower Upper
164 100
162 100.6 86.1 129.1
160 49.3 38.3 57.5

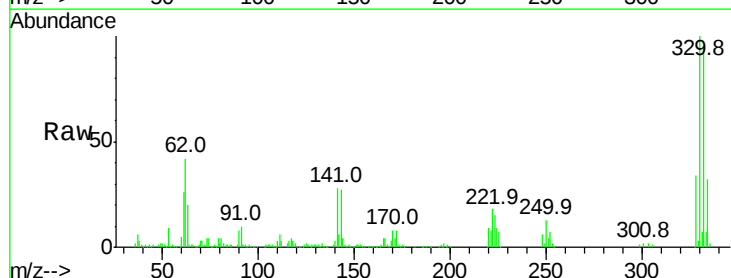


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

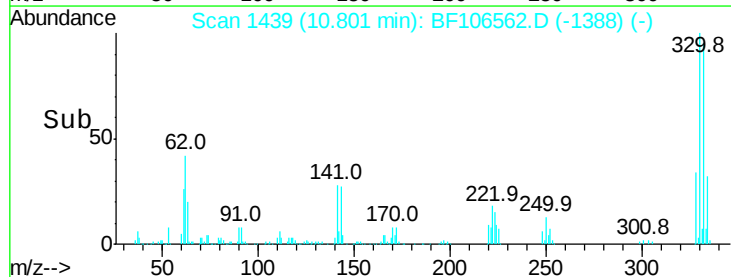
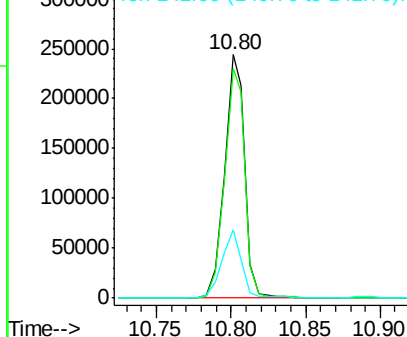


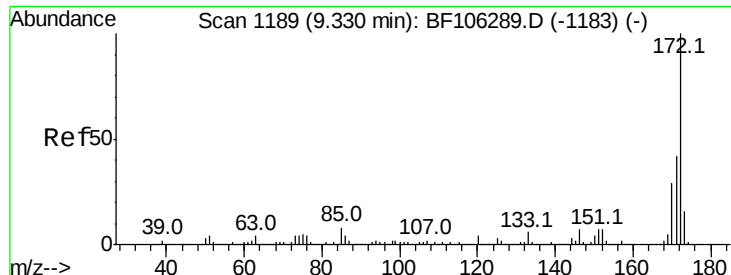
#41
2,4,6-Tribromophenol
Concen: 138.278 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF106562.D
Acq: 19 Jun 2018 2:49

Tgt Ion:330 Resp: 232195
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.6
141 27.2 29.9 44.9#



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

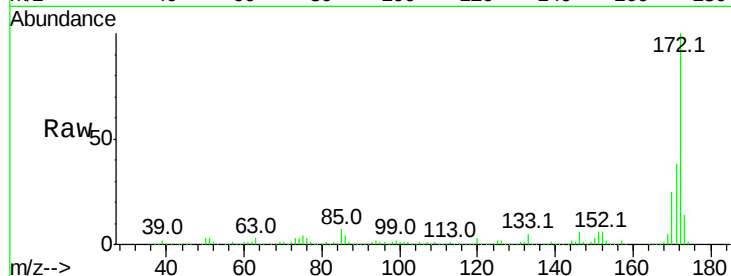




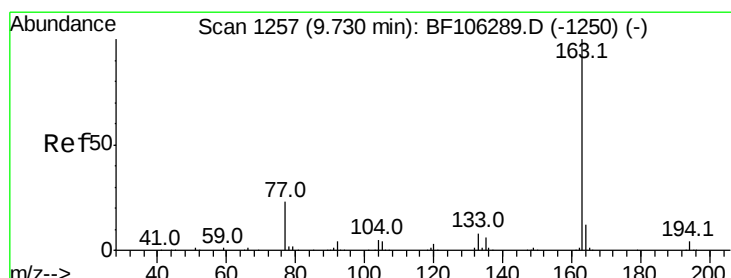
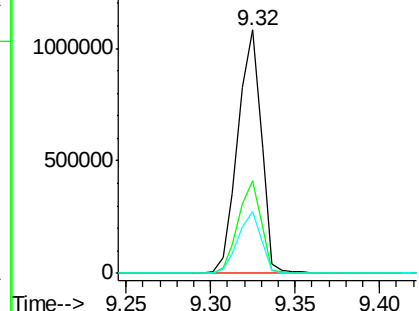
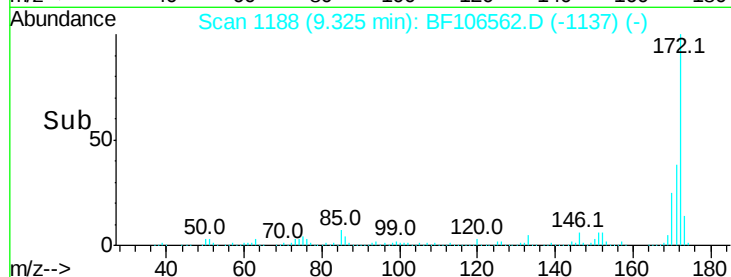
#44
2-Fluorobiphenyl
Concen: 122.169 ng
RT: 9.32 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF106562.D
Acq: 19 Jun 2018 2:49

Instrument :
BNA_F
ClientSampled :
W-05

Tot Ion:172 Resp: 1051452
Ion Ratio Lower Upper
172 100
171 37.8 29.7 44.5
170 25.4 19.6 29.4

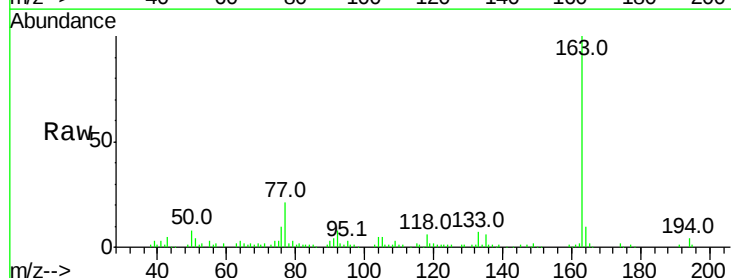


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

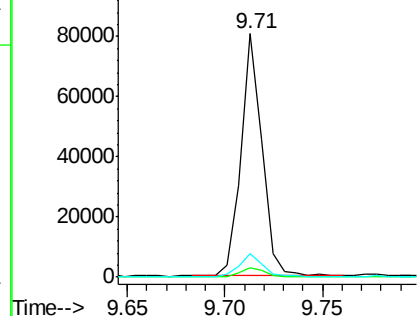
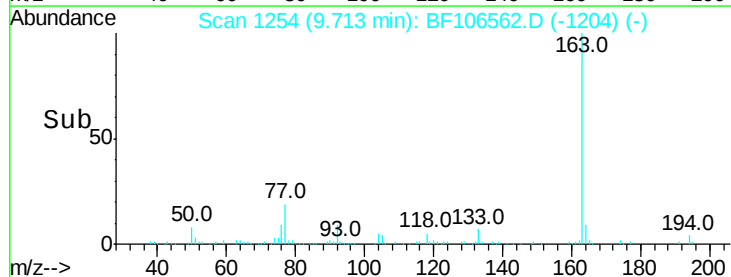


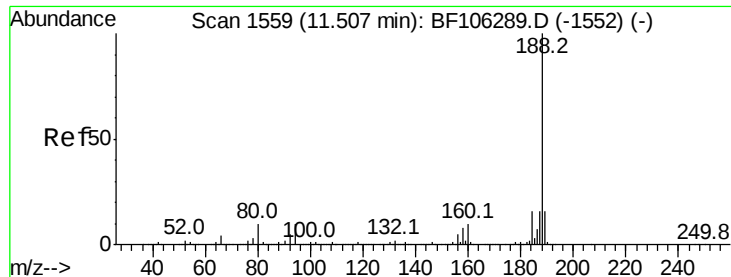
#49
Dimethylphthalate
Concen: 4.829 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106562.D
Acq: 19 Jun 2018 2:49

Tgt Ion:163 Resp: 60215
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.6 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BF106562.D

Acq: 19 Jun 2018 2:49

Instrument :

BNA_F

ClientSampleId :

W-05

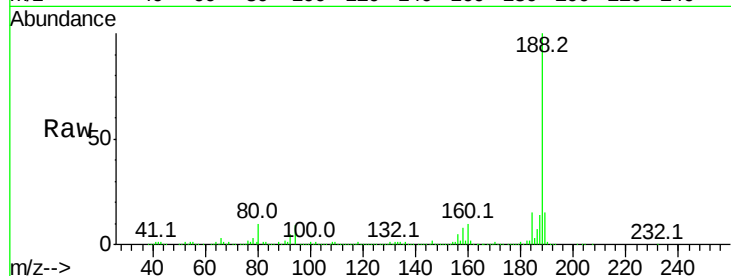
Tot Ion:188 Resp: 272761

Ion Ratio Lower Upper

188 100

94 9.2 8.5 12.7

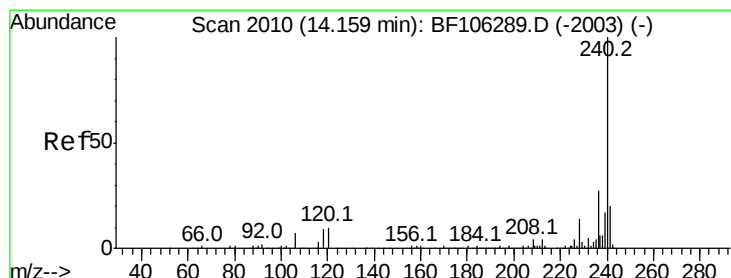
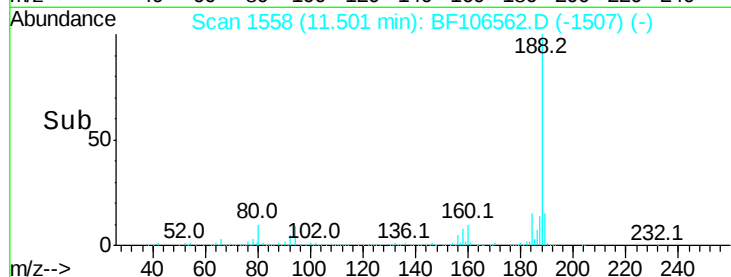
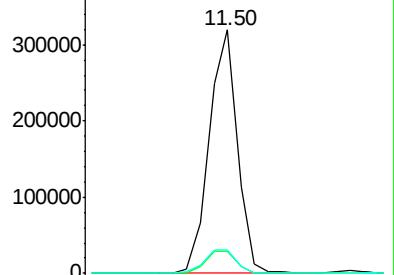
80 9.9 9.2 13.8



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106562.D

Acq: 19 Jun 2018 2:49

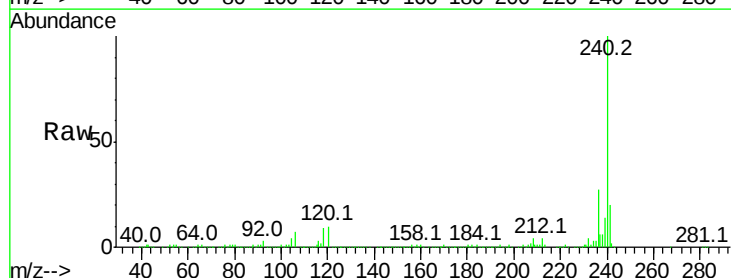
Tgt Ion:240 Resp: 306188

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

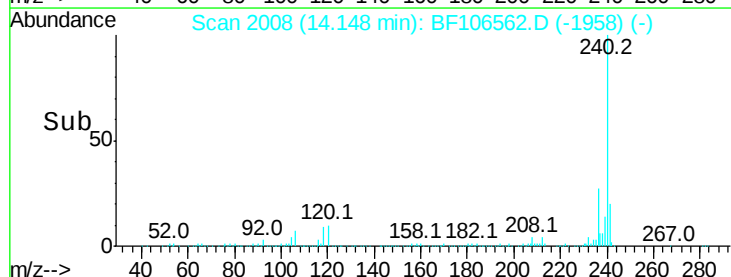
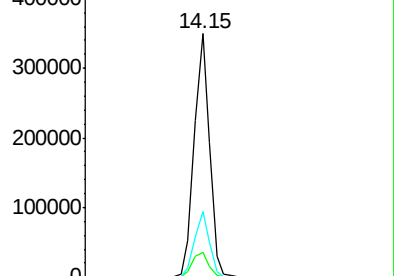
236 26.7 20.7 31.1

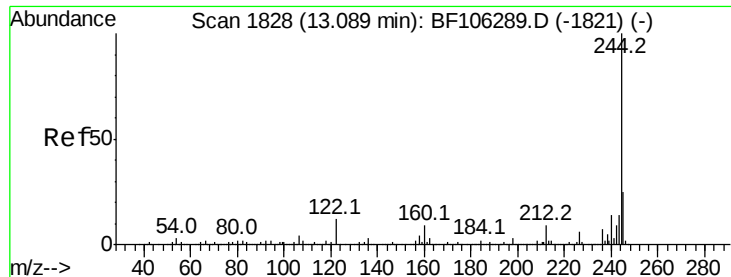


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.769 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF106562.D

Acq: 19 Jun 2018 2:49

Instrument :

BNA_F

ClientSampled :

W-05

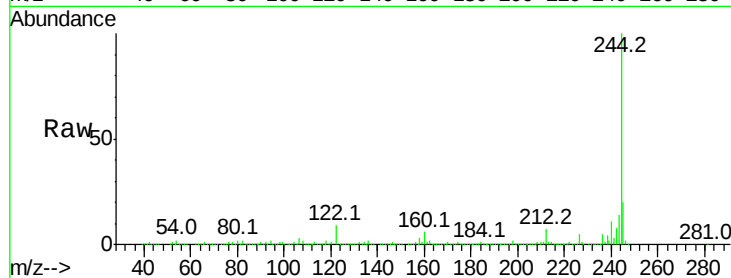
Tot Ion:244 Resp: 1020333

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

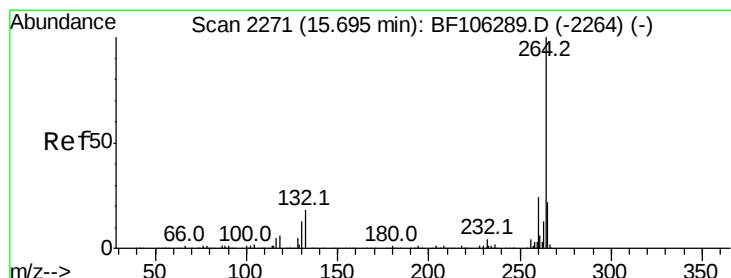
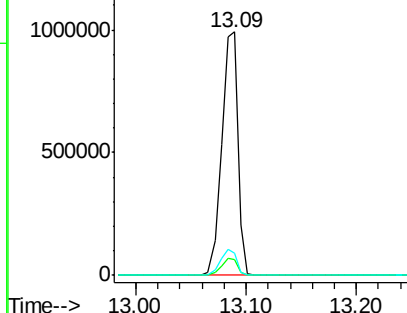
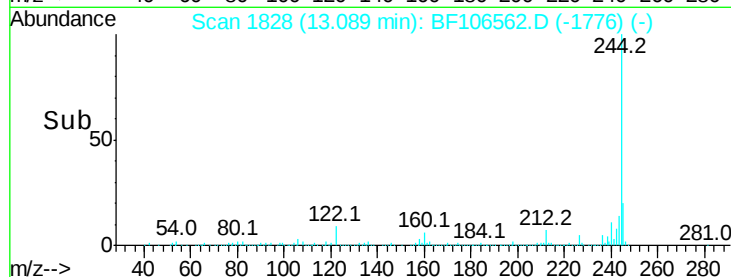
122 9.0 11.0 16.4#



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: 15.68 min Scan# 2269

Delta R.T. 0.00 min

Lab File: BF106562.D

Acq: 19 Jun 2018 2:49

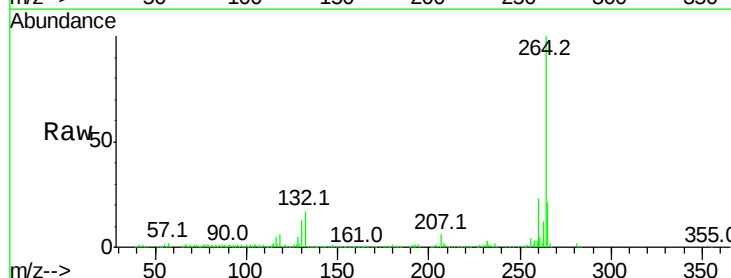
Tgt Ion:264 Resp: 260808

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.3 17.5 26.3



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

