

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
 Data File : BF106983.D
 Acq On : 29 Jun 2018 19:47
 Operator : JU/SJ
 Sample : J3695-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Quant Time: Jun 30 00:04:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

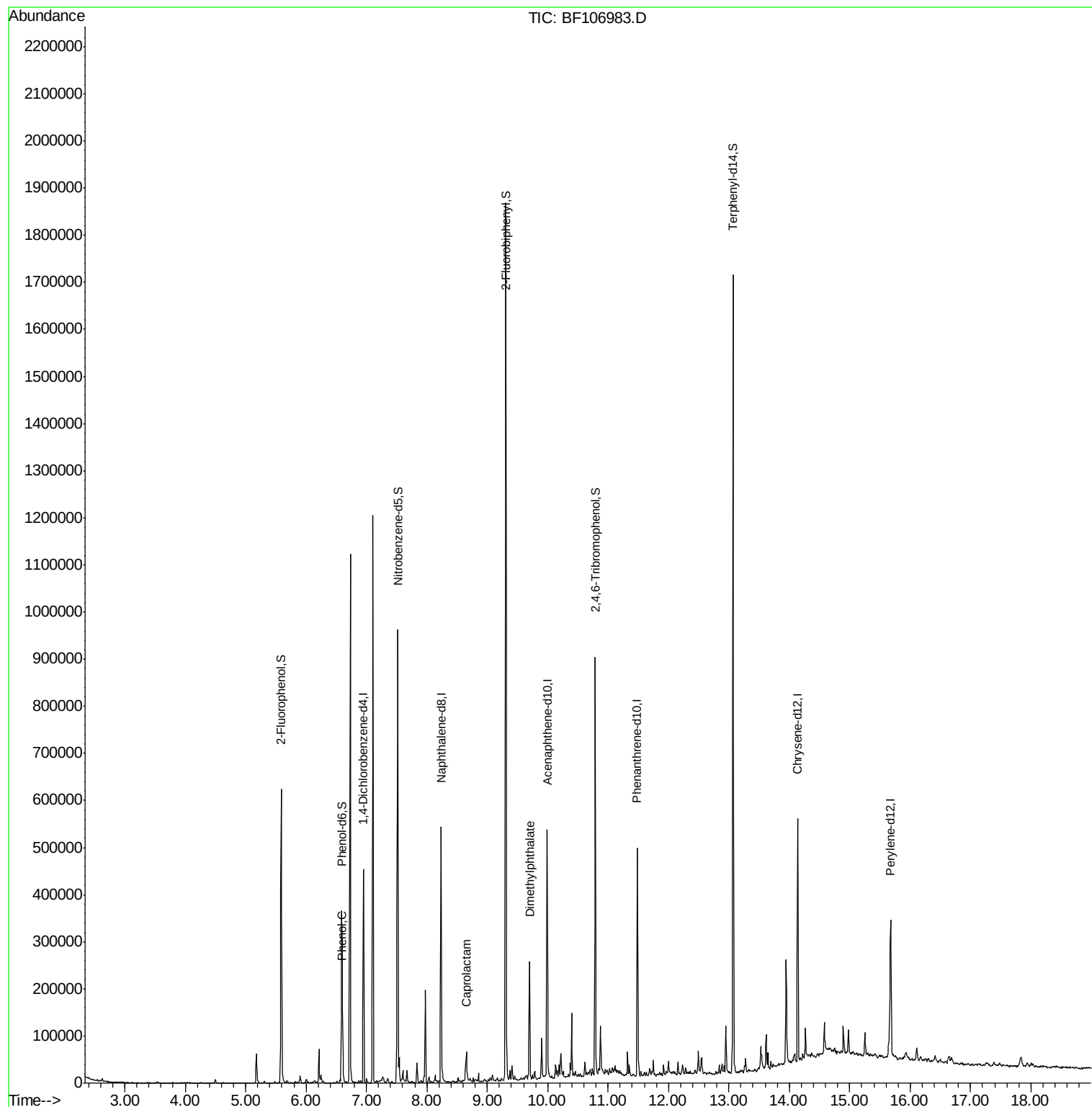
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	70430	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	260270	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	115078	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	187641	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	194903	20.00	ng	-0.03
86) Perylene-d12	15.68	264	148514	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	176634	42.47	ng	-0.01
7) Phenol-d6	6.59	99	128913	24.82	ng	-0.02
23) Nitrobenzene-d5	7.52	82	314481	67.15	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	129332	96.97	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	548486	79.77	ng	-0.02
78) Terphenyl-d14	13.07	244	599139	74.46	ng	-0.01
Target Compounds						
10) Phenol	6.61	94	25090	4.233	ng	99
35) Caprolactam	8.65	113	9718	8.162	ng	92
49) Dimethylphthalate	9.70	163	101956	11.813	ng	# 99

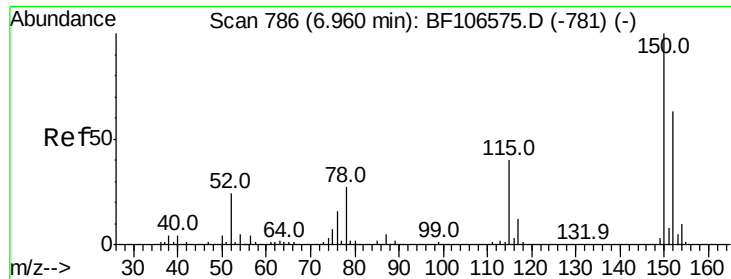
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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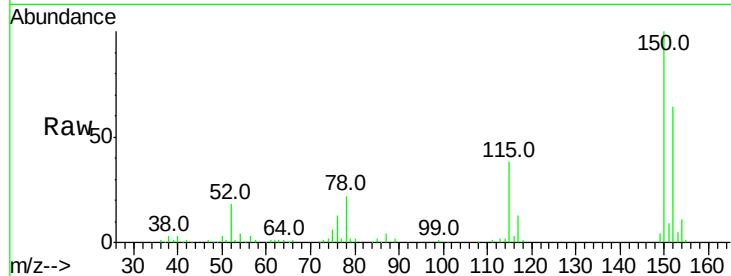


#1

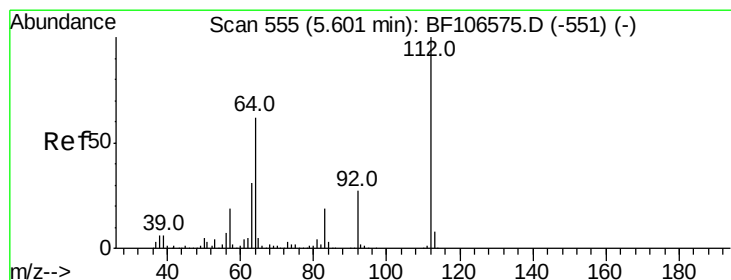
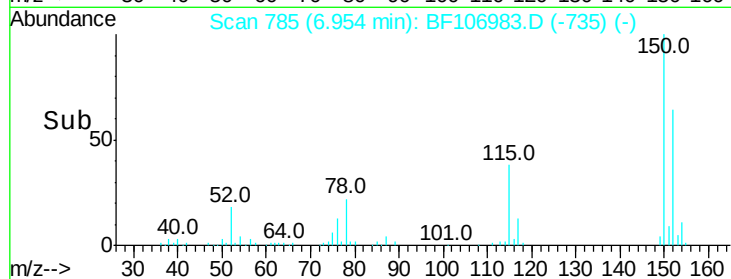
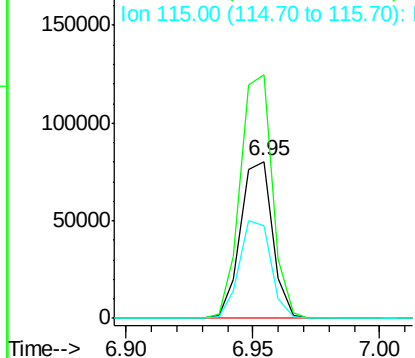
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106983.D
Acq: 29 Jun 2018 19:47

Instrument :
BNA_F
ClientSampleId :
MW-5

Tot Ion:152 Resp: 70430
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 58.8 50.1 75.1



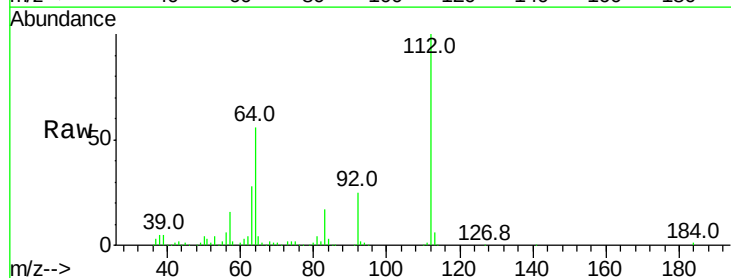
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



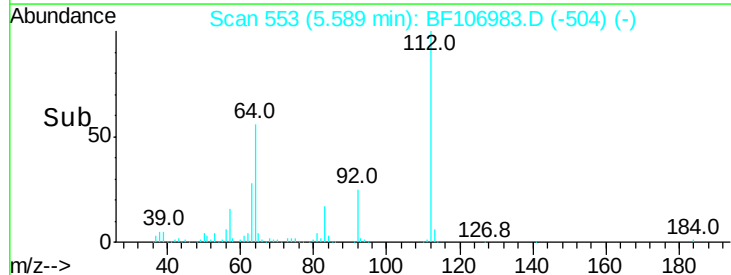
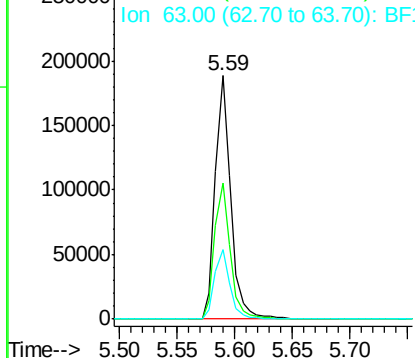
#5

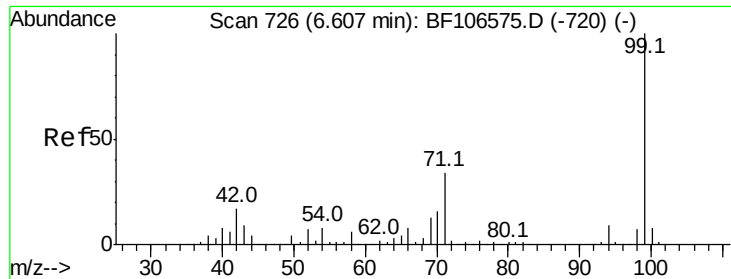
2-Fluorophenol
Concen: 42.467 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF106983.D
Acq: 29 Jun 2018 19:47

Tgt Ion:112 Resp: 176634
Ion Ratio Lower Upper
112 100
64 55.6 47.9 71.9
63 28.3 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: 24.819 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF106983.D

Acq: 29 Jun 2018 19:47

Instrument :

BNA_F

ClientSampleId :

MW-5

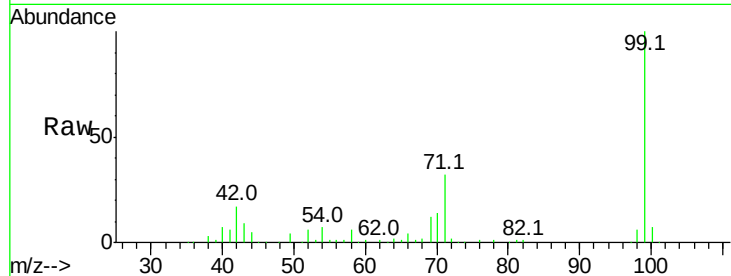
Tot Ion: 99 Resp: 128913

Ion Ratio Lower Upper

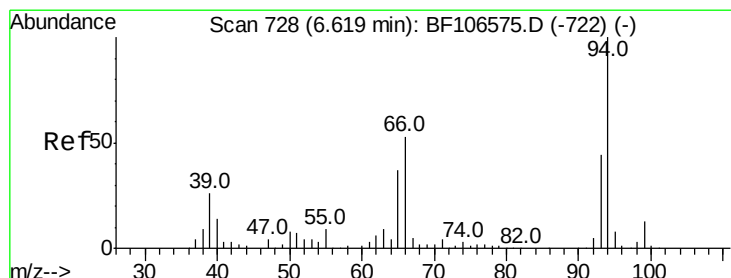
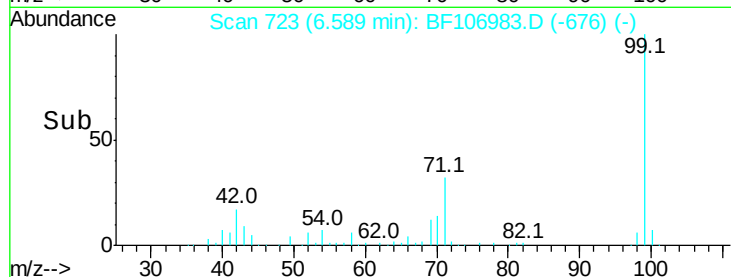
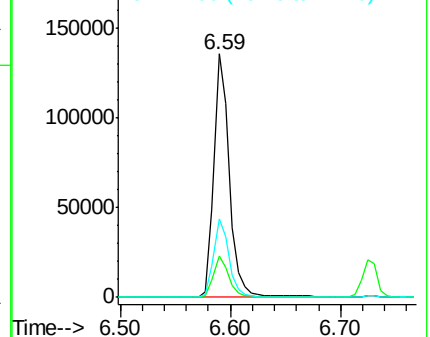
99 100

42 17.1 14.5 21.7

71 32.3 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



#10

Phenol

Concen: 4.233 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF106983.D

Acq: 29 Jun 2018 19:47

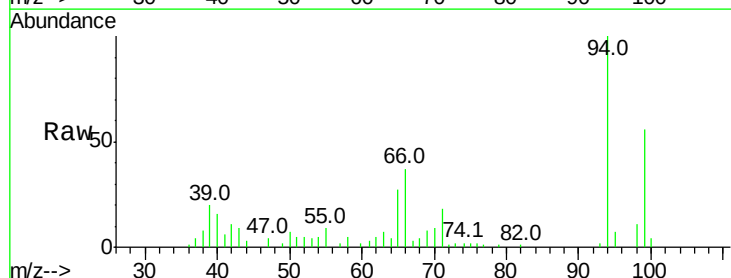
Tgt Ion: 94 Resp: 25090

Ion Ratio Lower Upper

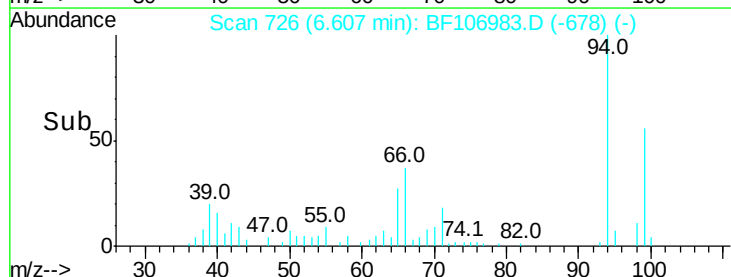
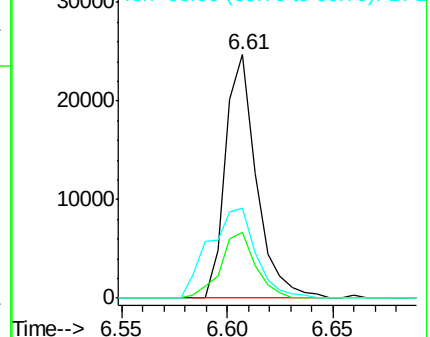
94 100

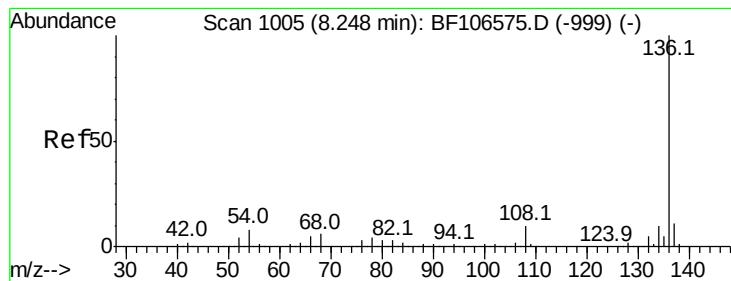
65 26.9 7.9 47.9

66 36.8 16.2 56.2



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: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF106983.D

Acq: 29 Jun 2018 19:47

Instrument :

BNA_F

ClientSampleId :

MW-5

Tot Ion:136 Resp: 260270

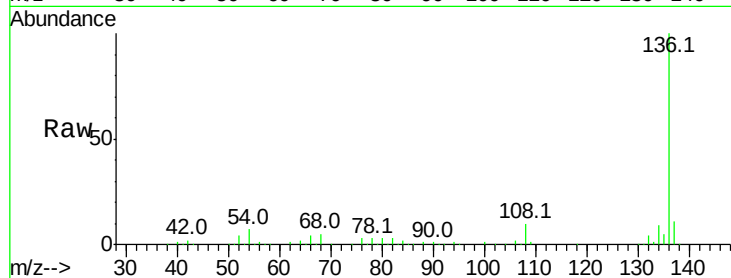
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.0 6.6 9.8

68 5.5 5.0 7.4

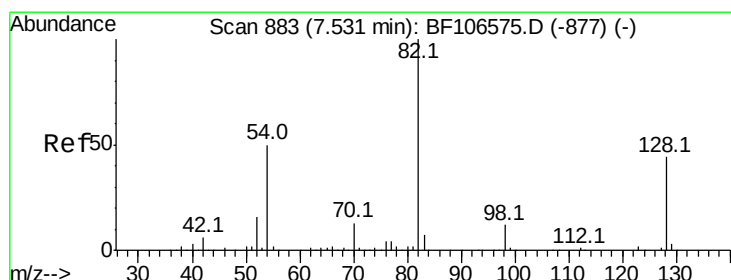
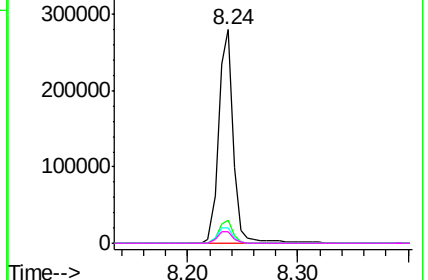
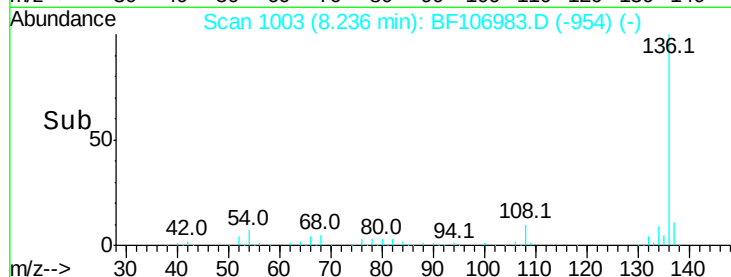


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.149 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF106983.D

Acq: 29 Jun 2018 19:47

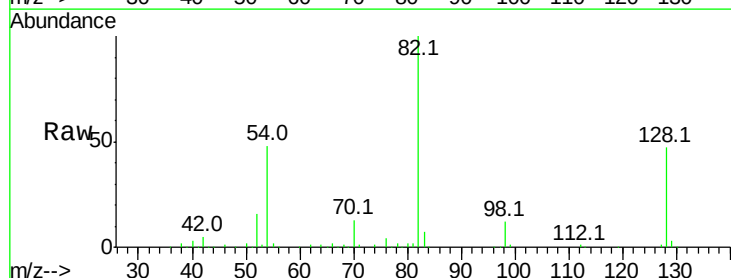
Tgt Ion: 82 Resp: 314481

Ion Ratio Lower Upper

82 100

128 46.6 36.1 54.1

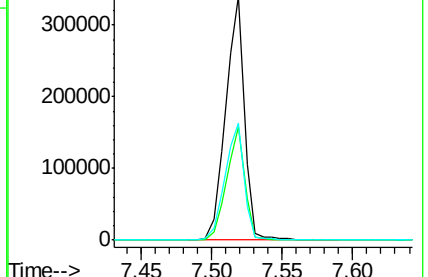
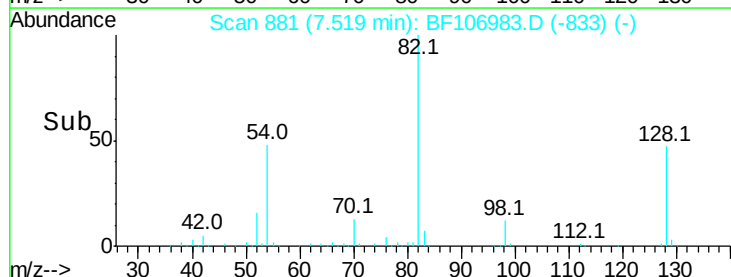
54 47.8 41.4 62.2

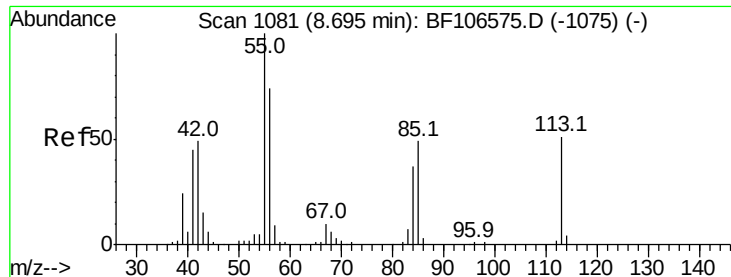


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#35

Caprolactam

Concen: 8.162 ng

RT: 8.65 min Scan# 1074

Delta R.T. -0.06 min

Lab File: BF106983.D

Acq: 29 Jun 2018 19:47

Instrument :

BNA_F

ClientSampleId :

MW-5

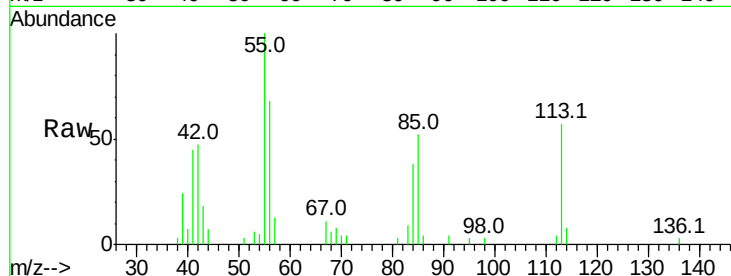
Tot Ion:113 Resp: 9718

Ion Ratio Lower Upper

113 100

55 176.3 163.3 203.3

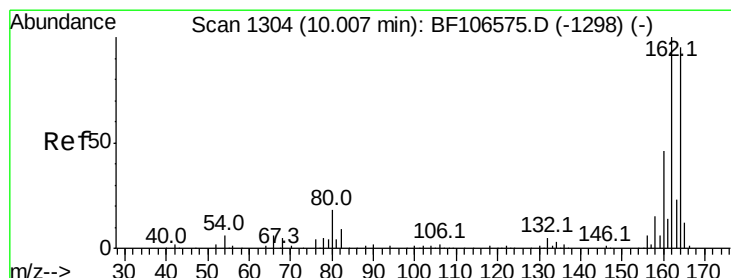
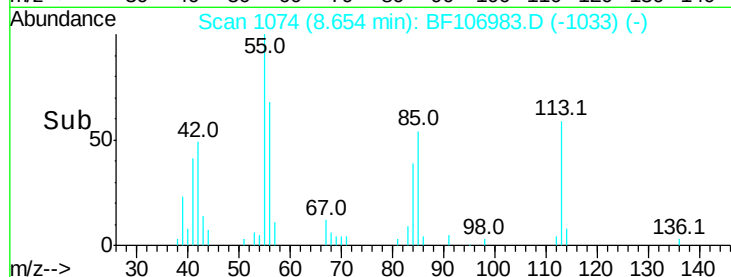
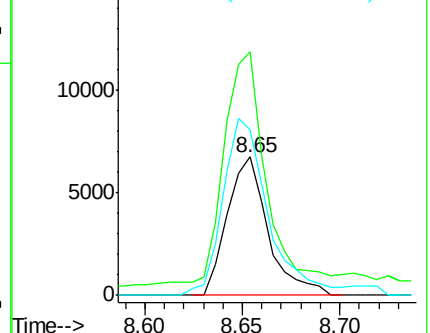
56 119.9 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF106983.D

Acq: 29 Jun 2018 19:47

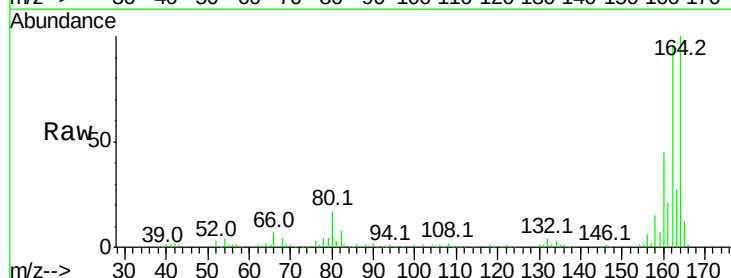
Tgt Ion:164 Resp: 115078

Ion Ratio Lower Upper

164 100

162 96.4 86.1 129.1

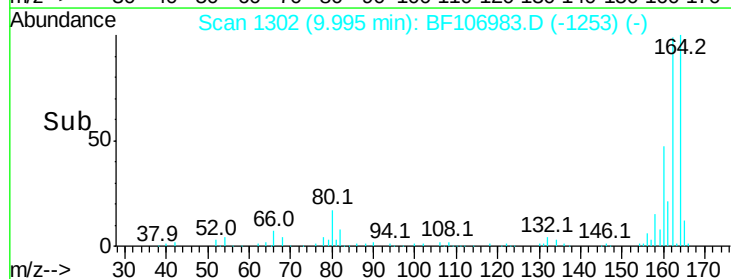
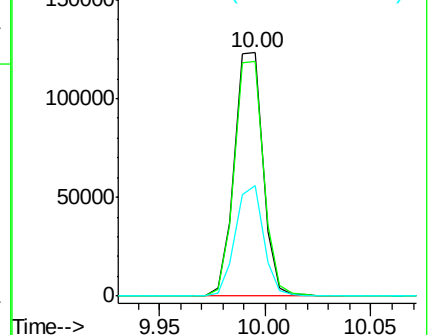
160 45.4 38.3 57.5

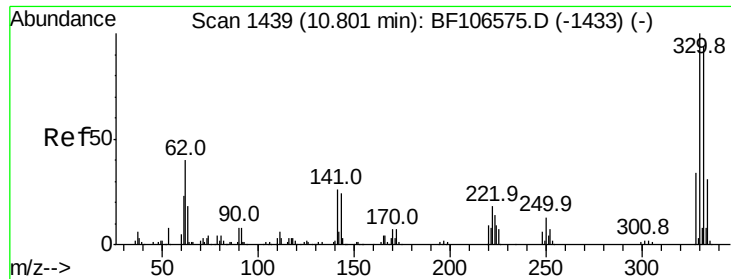


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

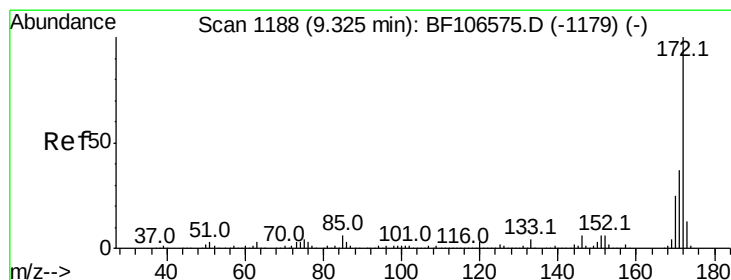
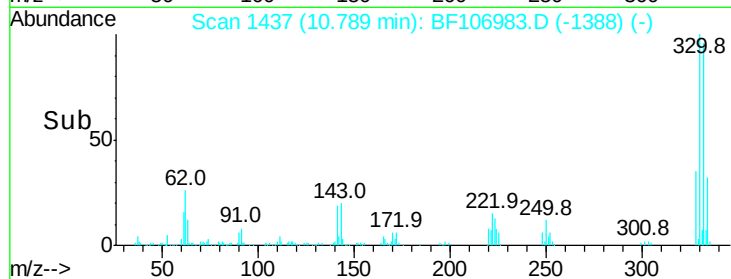
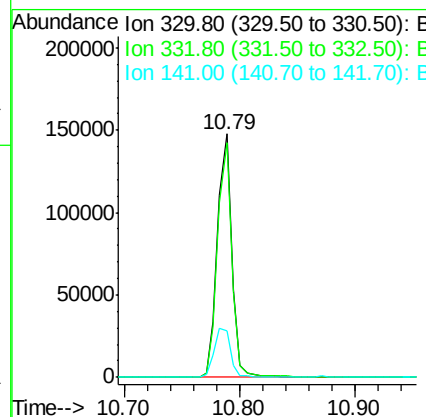
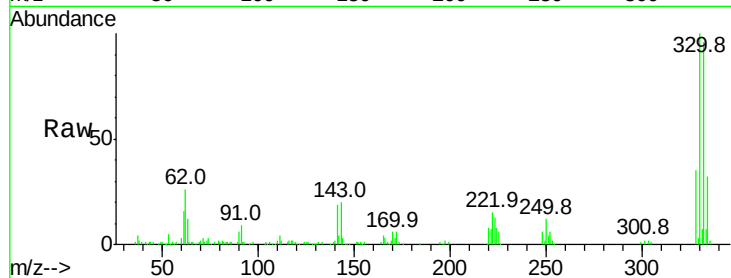




#41
 2,4,6-Tribromophenol
 Concen: 96.966 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106983.D
 Acq: 29 Jun 2018 19:47

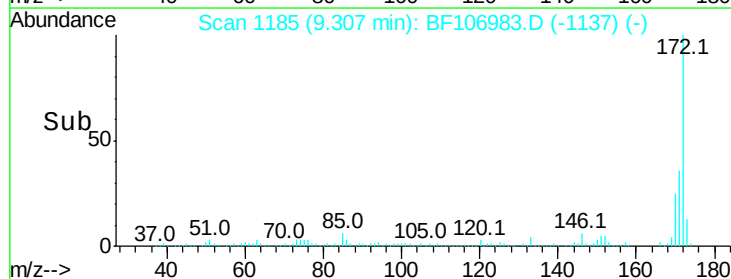
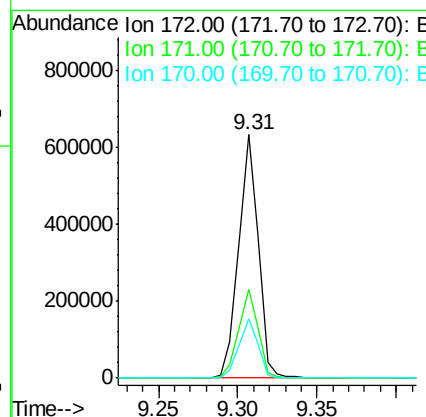
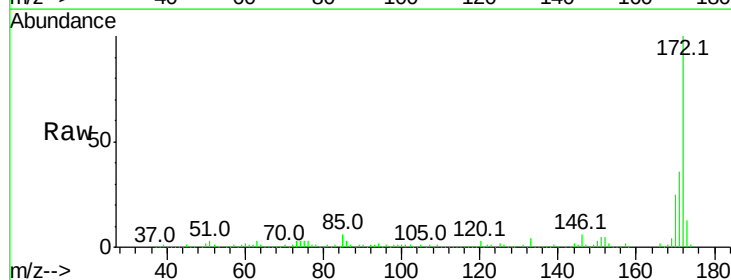
Instrument :
 BNA_F
 ClientSampleId :
 MW-5

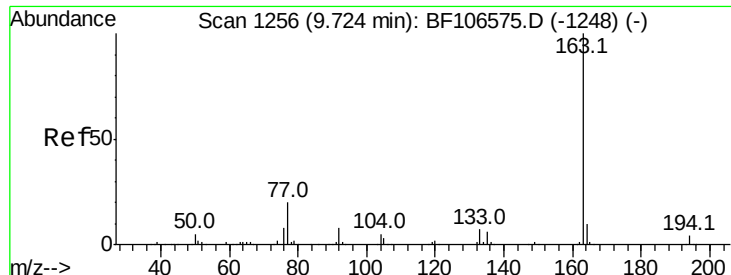
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	23.3	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 79.766 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106983.D
 Acq: 29 Jun 2018 19:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.6	19.6	29.4





#49

Dimethylphthalate

Concen: 11.813 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF106983.D

Acq: 29 Jun 2018 19:47

Instrument :

BNA_F

ClientSampleId :

MW-5

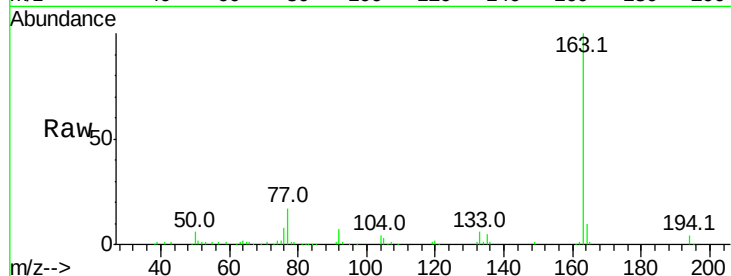
Tot Ion:163 Resp: 101956

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

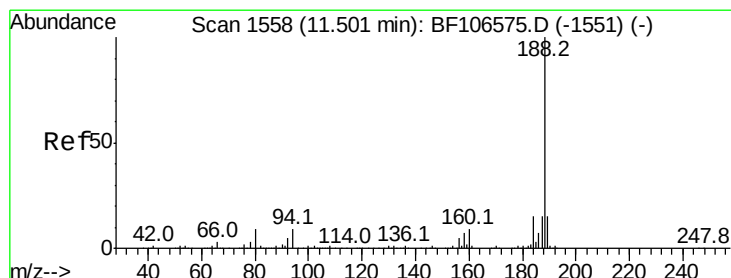
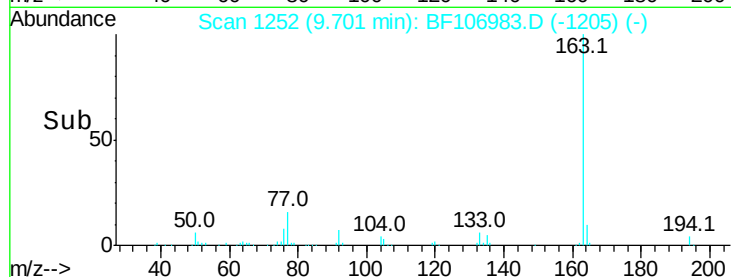
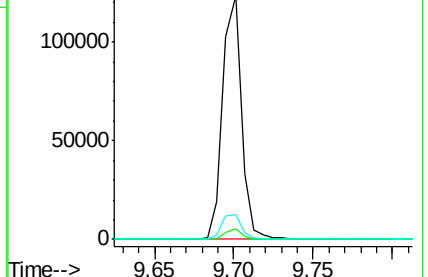
164 10.1 8.2 12.2



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: 11.48 min Scan# 1555

Delta R.T. -0.02 min

Lab File: BF106983.D

Acq: 29 Jun 2018 19:47

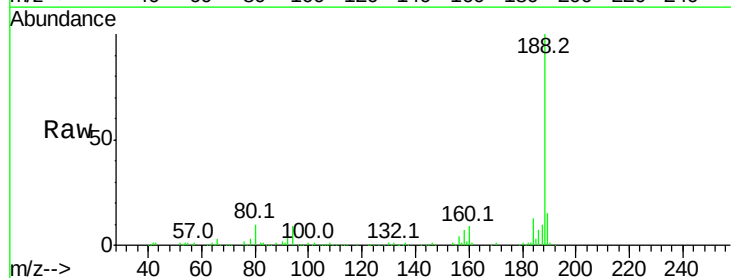
Tgt Ion:188 Resp: 187641

Ion Ratio Lower Upper

188 100

94 8.6 8.5 12.7

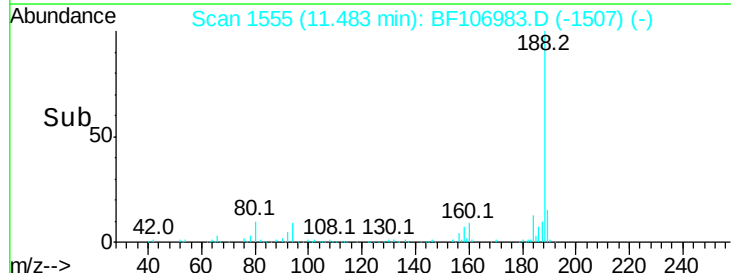
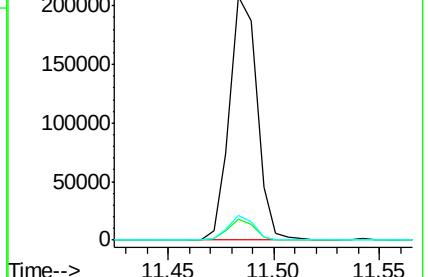
80 10.1 9.2 13.8

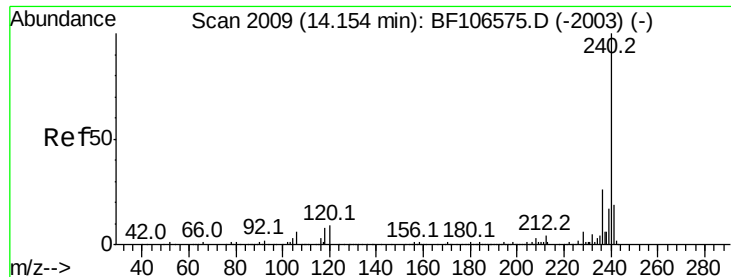


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF106983.D

Acq: 29 Jun 2018 19:47

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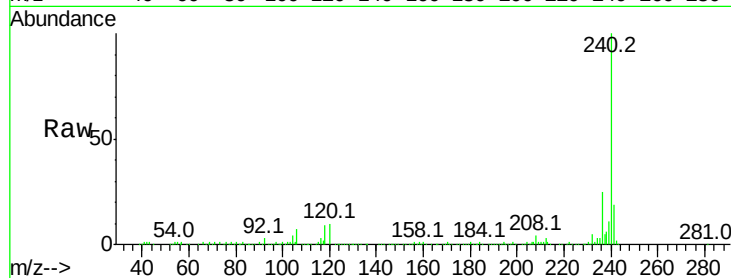
Tot Ion:240 Resp: 194903

Ion Ratio Lower Upper

240 100

120 9.7 9.5 14.3

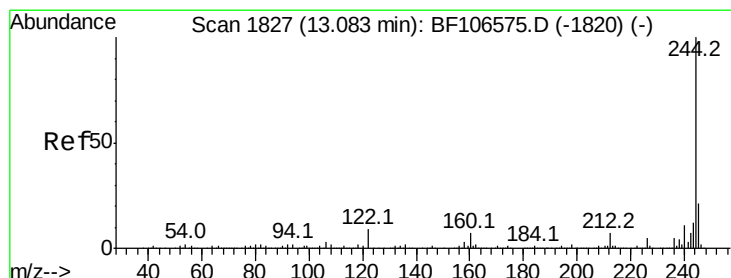
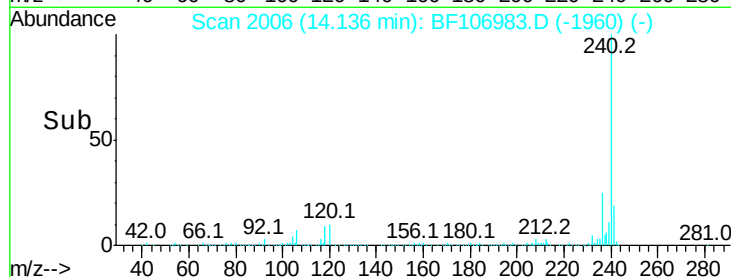
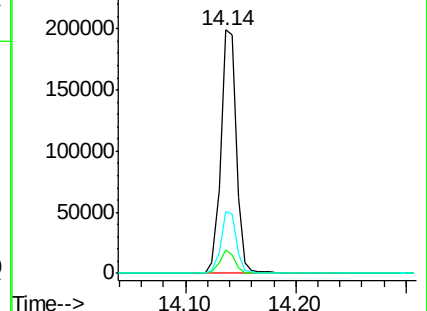
236 25.3 20.7 31.1



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: 74.462 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106983.D

Acq: 29 Jun 2018 19:47

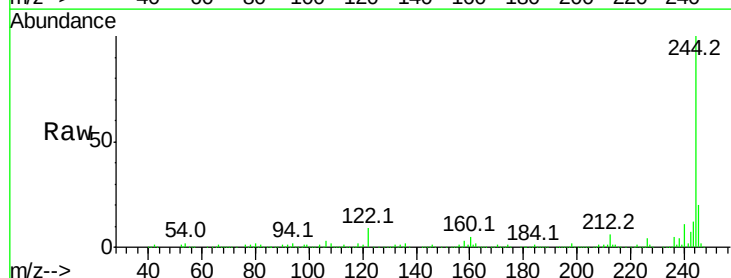
Tgt Ion:244 Resp: 599139

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

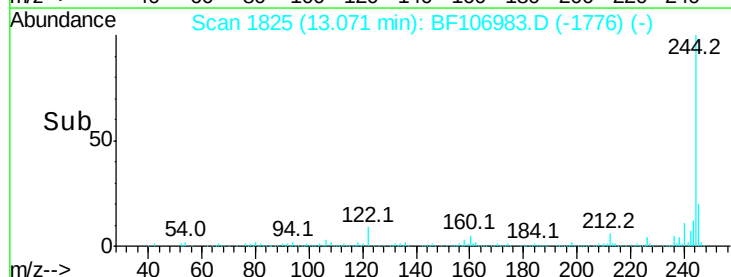
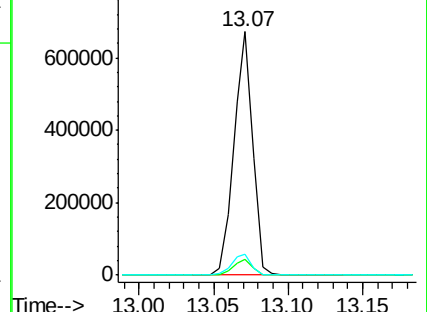
122 8.6 11.0 16.4#

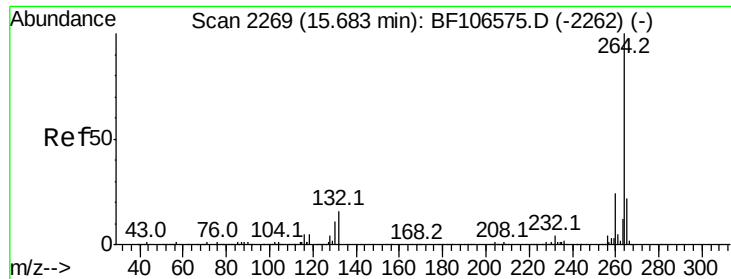


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.04 min
 Lab File: BF106983.D
 Acq: 29 Jun 2018 19:47

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	20.2	17.5	26.3

