

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
 Data File : BF106567.D
 Acq On : 19 Jun 2018 5:04
 Operator : JU/SJ
 Sample : J3562-04
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 19 08:27:01 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

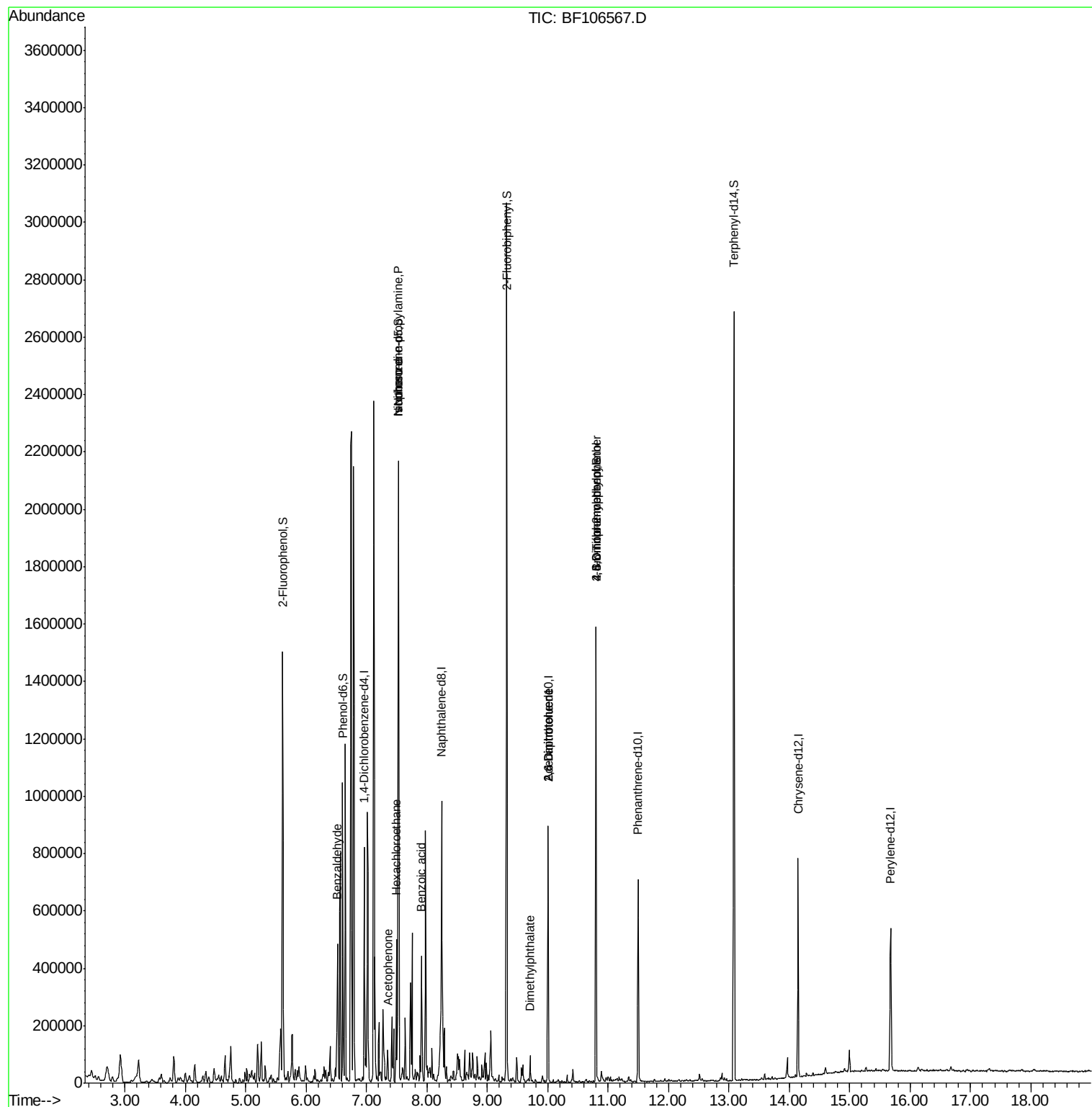
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	104354	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	382205	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	155793	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	246224	20.00	ng	0.00
75) Chrysene-d12	14.14	240	273131	20.00	ng	-0.01
86) Perylene-d12	15.68	264	243544	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	388783	63.06	ng	0.00
7) Phenol-d6	6.61	99	299160	38.40	ng	0.00
23) Nitrobenzene-d5	7.53	82	657221	101.16	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	209007	139.43	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1023831	143.97	ng	0.00
78) Terphenyl-d14	13.08	244	935628	85.08	ng	0.00
Target Compounds						
9) Benzaldehyde	6.52	77	18693	3.164	ng	# 1
18) Hexachloroethane	7.50	117	40549	14.370	ng	# 1
19) n-Nitroso-di-n-propylamine	7.53	70	88051	15.067	ng	# 75
22) Acetophenone	7.35	105	36627	3.803	ng	# 58
25) Isophorone	7.53	82	655365	51.644	ng	# 64
32) Benzoic acid	7.91	122	282	7.349	ng	# 1
49) Dimethylphthalate	9.71	163	34217	3.074	ng	# 100
50) 2,6-Dinitrotoluene	10.01	165	20298	8.928	ng	# 27
56) 2,4-Dinitrotoluene	10.01	165	20298	7.109	ng	# 25
64) 4,6-Dinitro-2-methylphenol	10.80	198	388	6.549	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	13554	4.840	ng	# 1

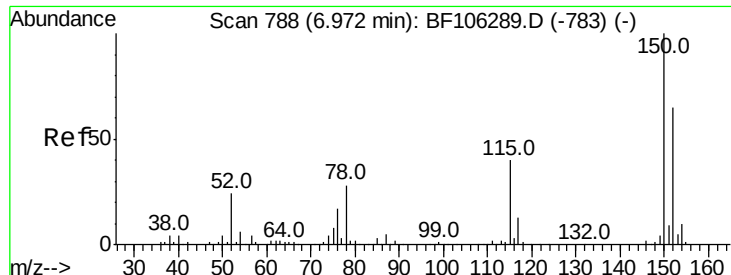
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
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Response via : Initial Calibration



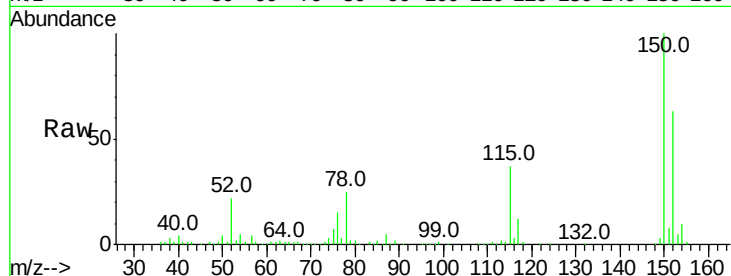


#1

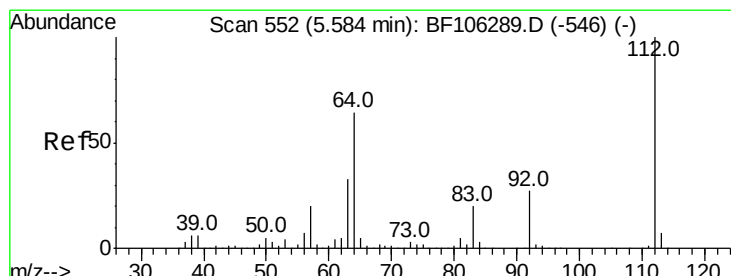
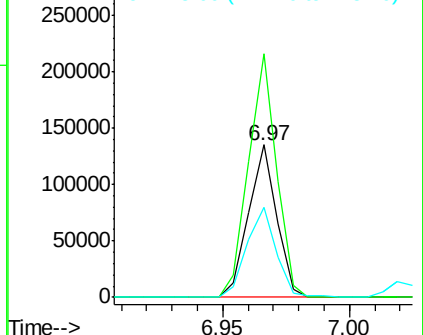
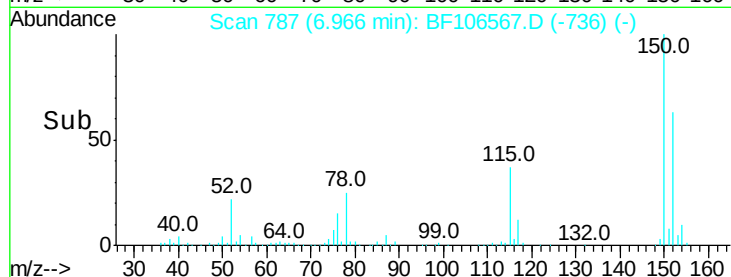
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106567.D
Acq: 19 Jun 2018 5:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 104354
Ion Ratio Lower Upper
152 100
150 159.7 124.6 186.8
115 59.0 50.1 75.1



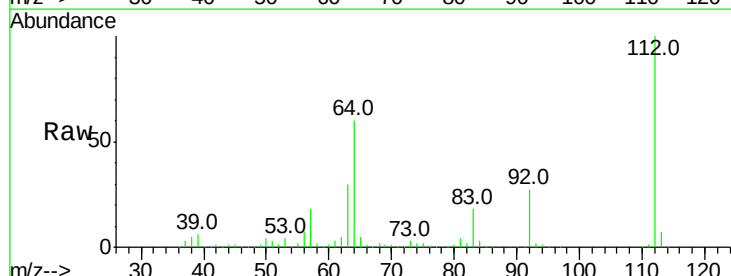
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



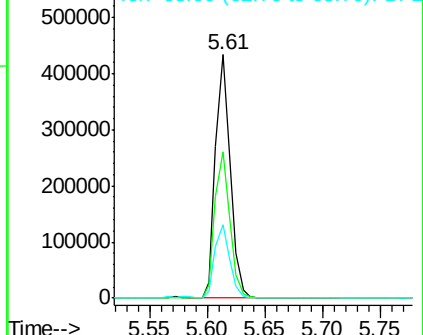
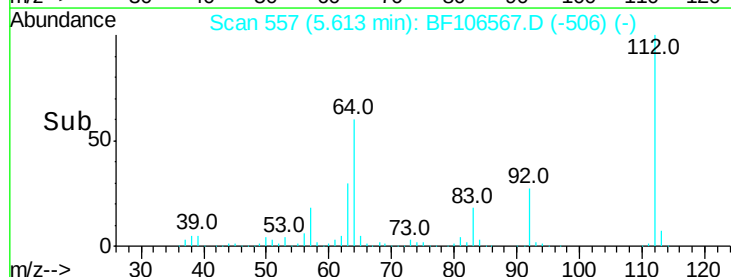
#5

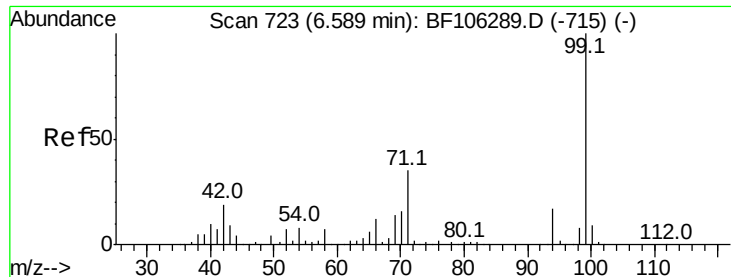
2-Fluorophenol
Concen: 63.056 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF106567.D
Acq: 19 Jun 2018 5:04

Tgt Ion:112 Resp: 388783
Ion Ratio Lower Upper
112 100
64 60.2 47.9 71.9
63 30.0 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: 38.404 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106567.D

Acq: 19 Jun 2018 5:04

Instrument :

BNA_F

ClientSampled :

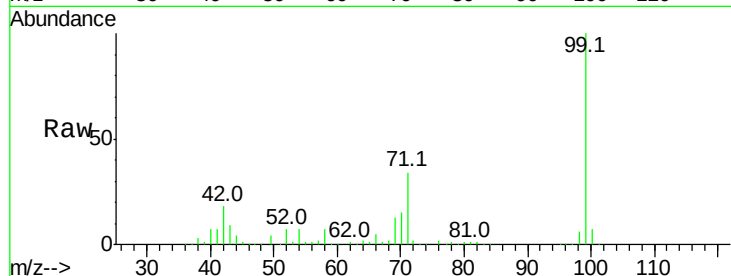
Tot Ion: 99 Resp: 299160

Ion Ratio Lower Upper

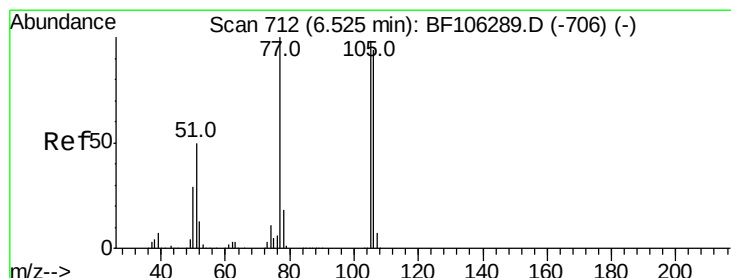
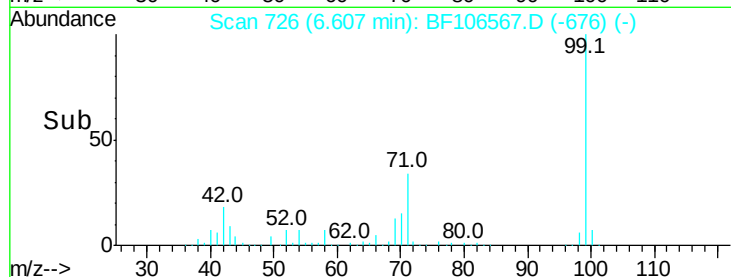
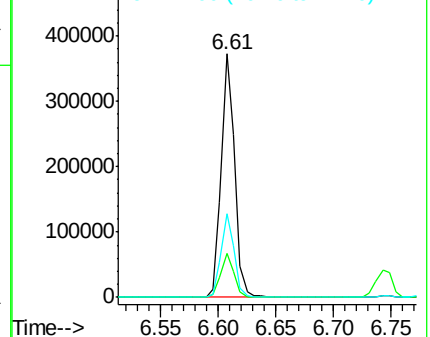
99 100

42 18.2 14.5 21.7

71 34.2 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



#9

Benzaldehyde

Concen: 3.164 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF106567.D

Acq: 19 Jun 2018 5:04

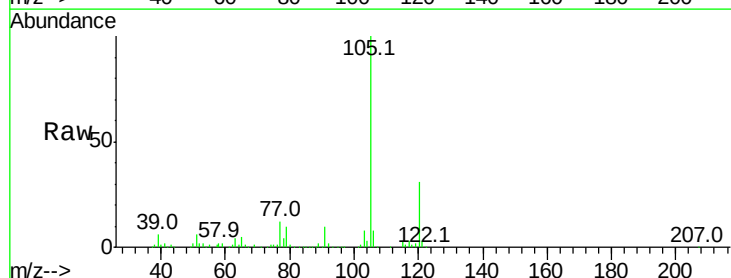
Tgt Ion: 77 Resp: 18693

Ion Ratio Lower Upper

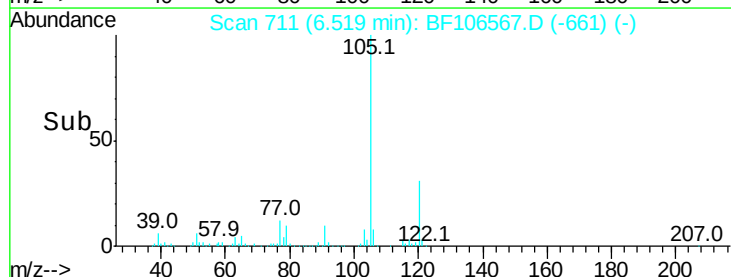
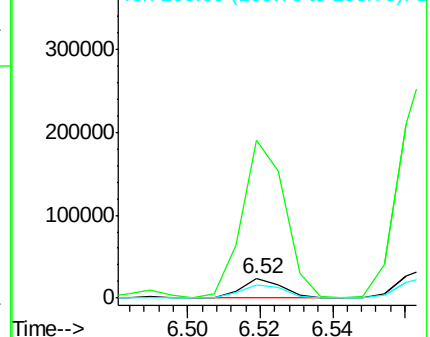
77 100

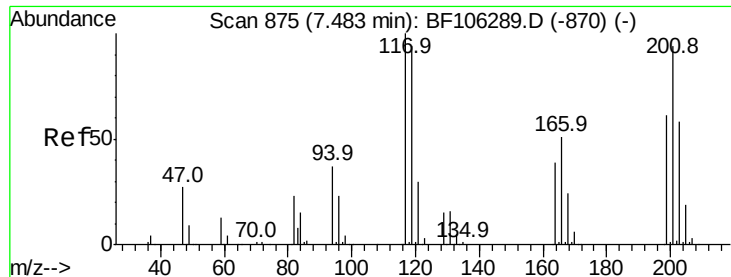
105 828.1 81.1 121.1#

106 68.4 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

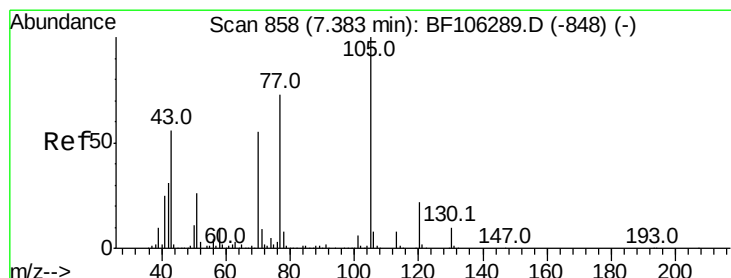
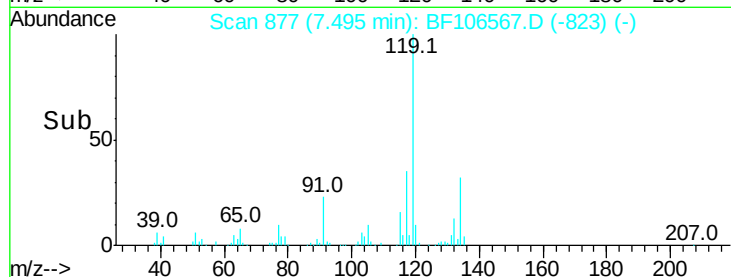
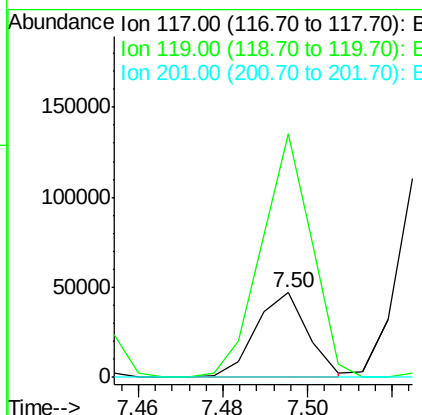
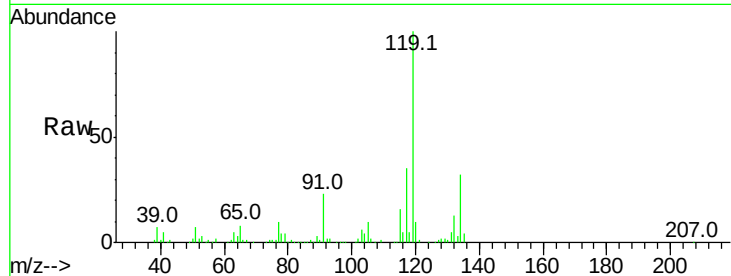




#18
Hexachloroethane
Concen: 14.370 ng
RT: 7.50 min Scan# 877
Delta R.T. 0.02 min
Lab File: BF106567.D
Acq: 19 Jun 2018 5:04

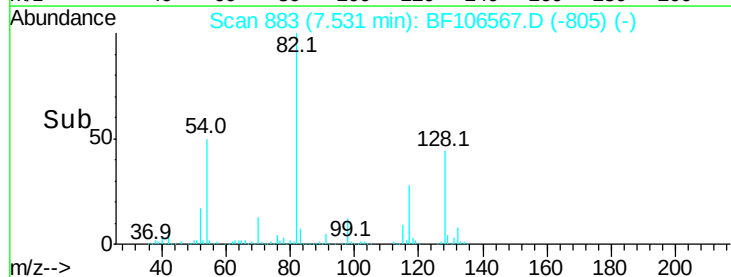
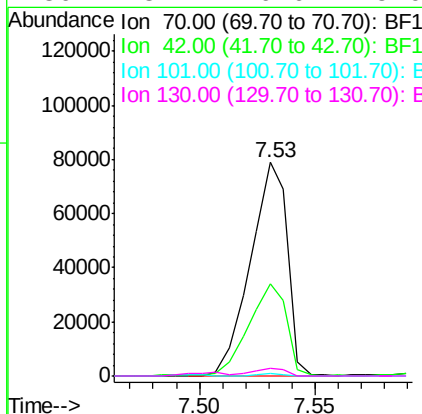
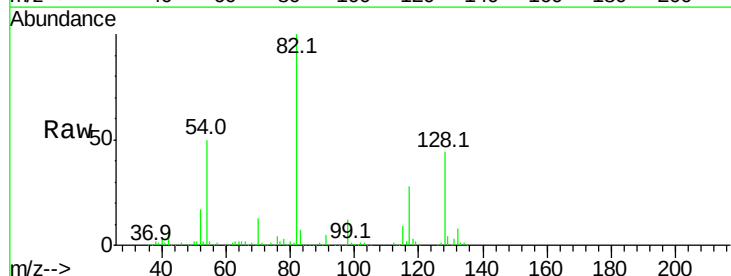
Instrument :
BNA_F
ClientSampleId :

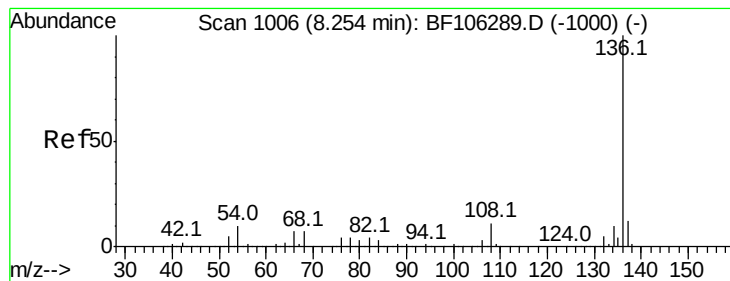
Tot Ion:117 Resp: 40549
Ion Ratio Lower Upper
117 100
119 287.8 75.8 113.8#
201 0.0 75.7 113.5#



#19
n-Nitroso-di-n-propylamine
Concen: 15.067 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.16 min
Lab File: BF106567.D
Acq: 19 Jun 2018 5:04

Tgt Ion: 70 Resp: 88051
Ion Ratio Lower Upper
70 100
42 43.3 47.5 71.3#
101 1.1 7.4 11.2#
130 3.4 16.6 25.0#

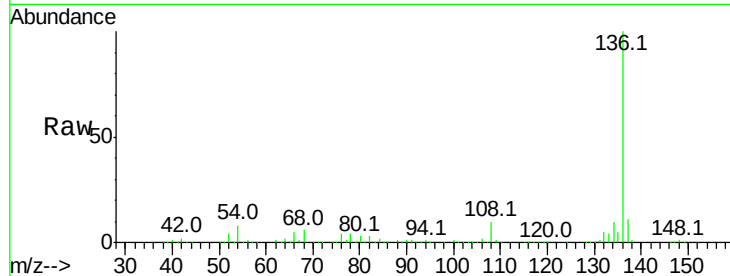




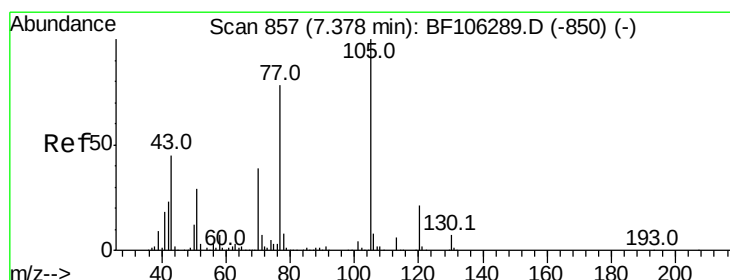
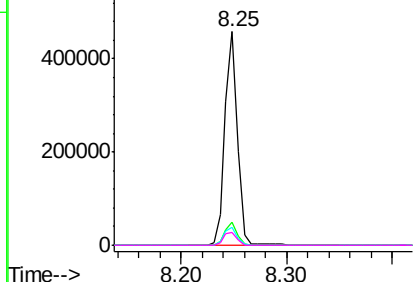
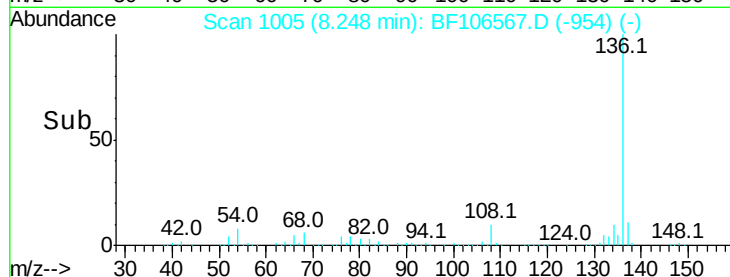
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106567.D
Acq: 19 Jun 2018 5:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	382205
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.3	6.6	9.8
68	6.3	5.0	7.4

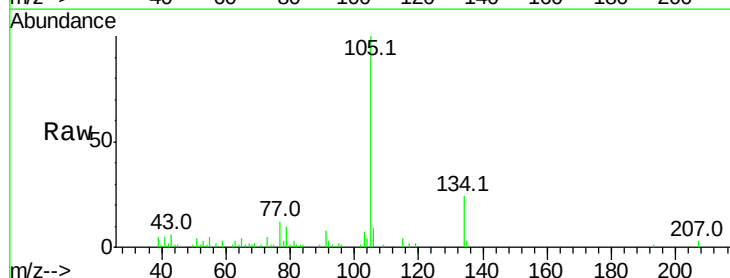


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

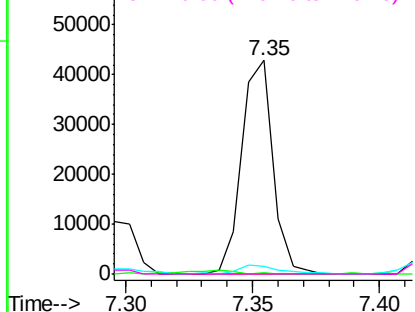
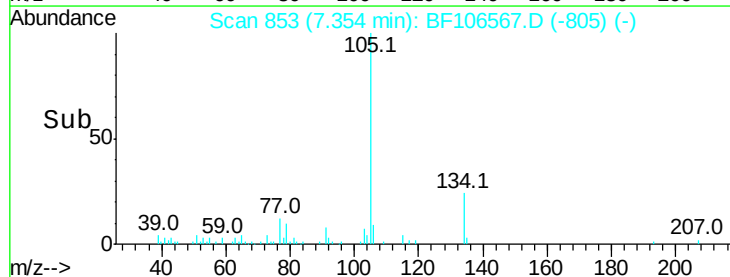


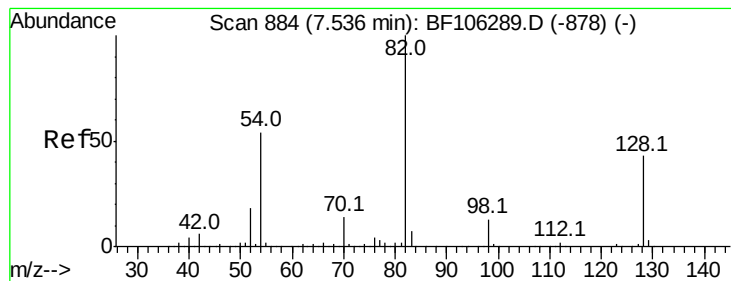
#22
Acetophenone
Concen: 3.803 ng
RT: 7.35 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF106567.D
Acq: 19 Jun 2018 5:04

Tgt Ion:	105	Resp:	36627
Ion	Ratio	Lower	Upper
105	100		
71	0.8	4.4	6.6#
51	3.9	22.3	33.5#
120	0.0	16.9	25.3#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 101.159 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF106567.D

Acq: 19 Jun 2018 5:04

Instrument :

BNA_F

ClientSampleId :

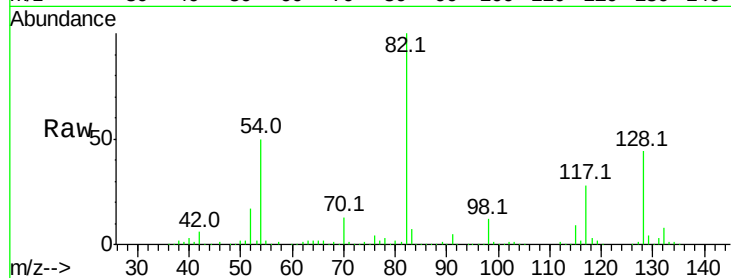
Tot Ion: 82 Resp: 657221

Ion Ratio Lower Upper

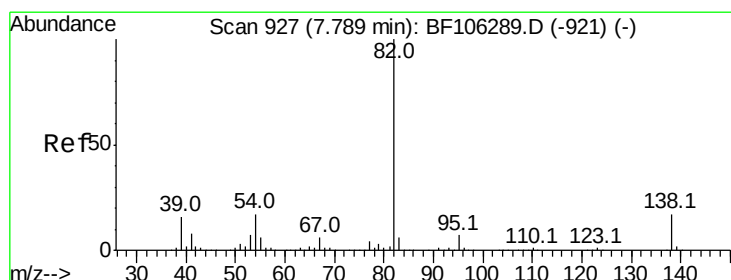
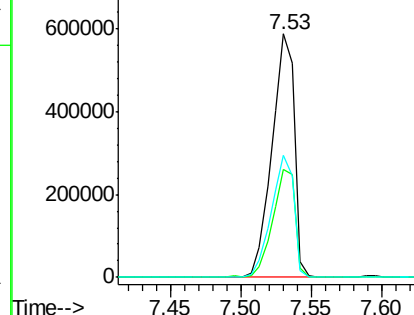
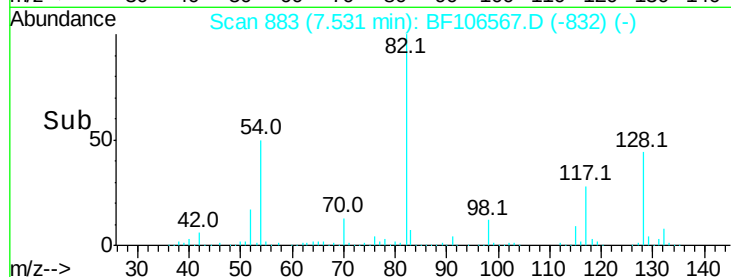
82 100

128 44.3 36.1 54.1

54 49.9 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



#25

Isophorone

Concen: 51.644 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.25 min

Lab File: BF106567.D

Acq: 19 Jun 2018 5:04

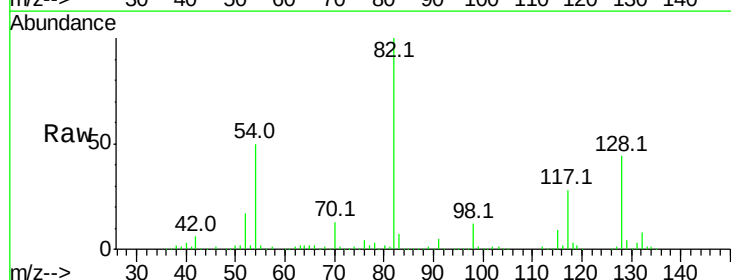
Tgt Ion: 82 Resp: 655365

Ion Ratio Lower Upper

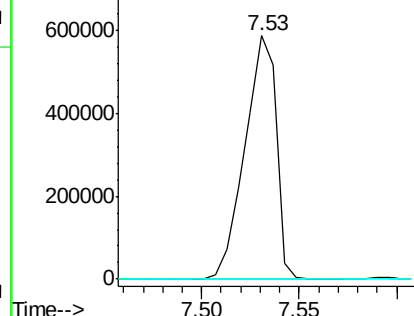
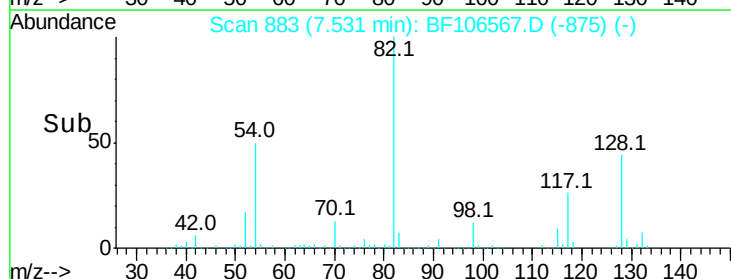
82 100

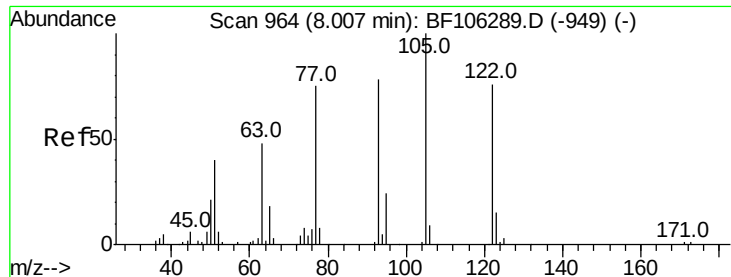
95 0.1 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1





#32

Benzoic acid

Concen: 7.349 ng

RT: 7.91 min Scan# 948

Delta R.T. -0.09 min

Lab File: BF106567.D

Acq: 19 Jun 2018 5:04

Instrument :

BNA_F

ClientSampleId :

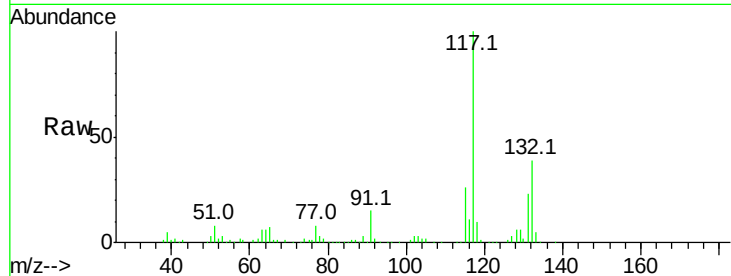
Tot Ion:122 Resp: 282

Ion Ratio Lower Upper

122 100

105 654.5 101.1 141.1#

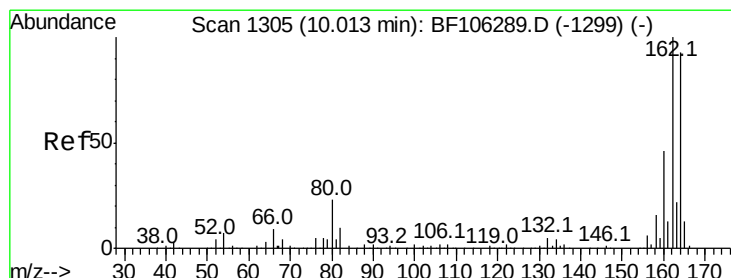
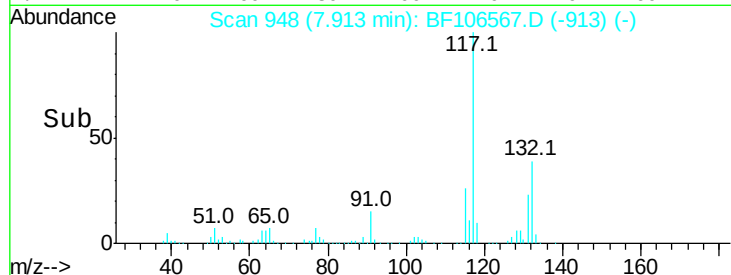
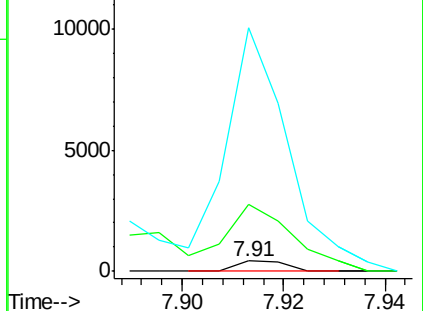
77 2370.3 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF106567.D

Acq: 19 Jun 2018 5:04

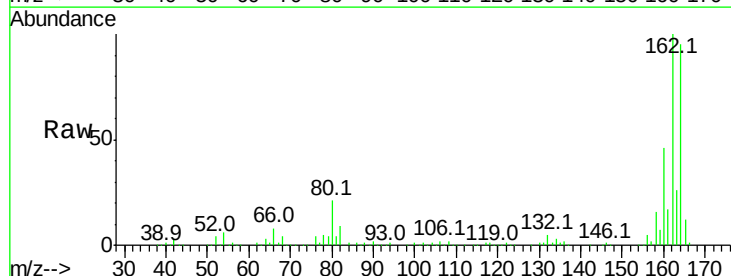
Tgt Ion:164 Resp: 155793

Ion Ratio Lower Upper

164 100

162 104.8 86.1 129.1

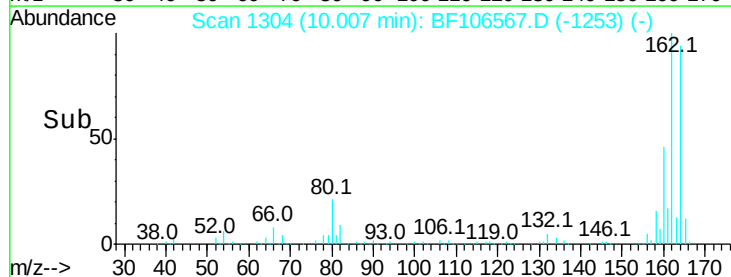
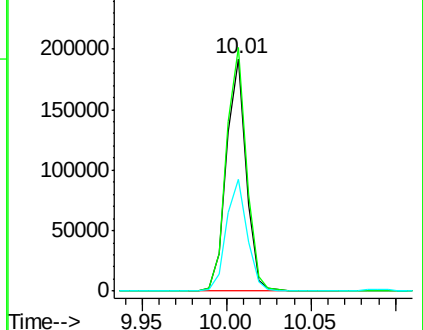
160 48.1 38.3 57.5

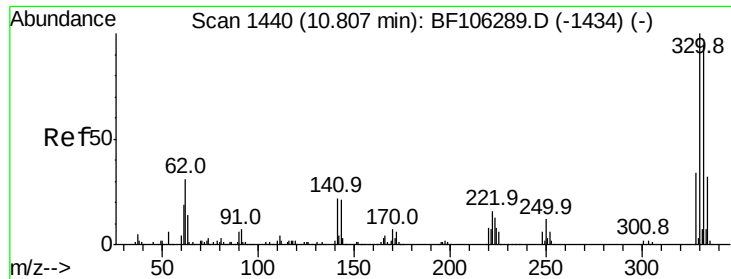


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

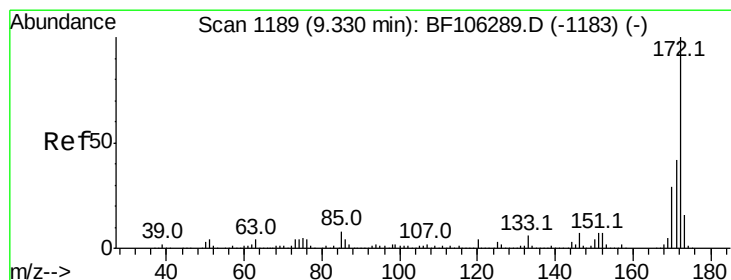
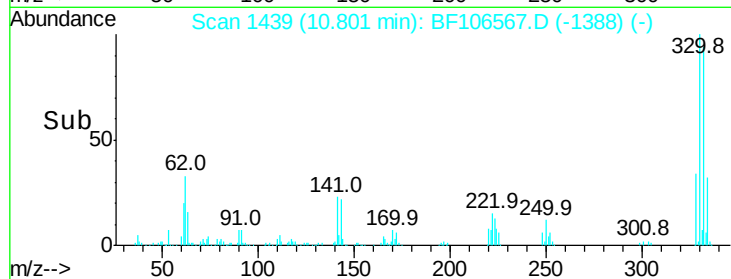
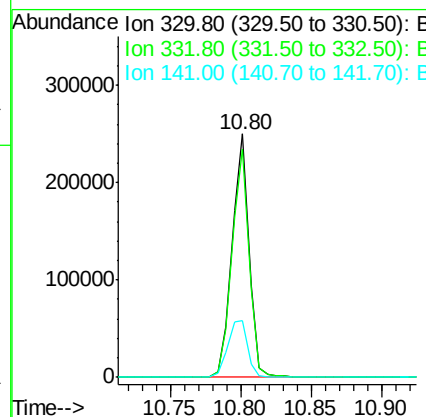
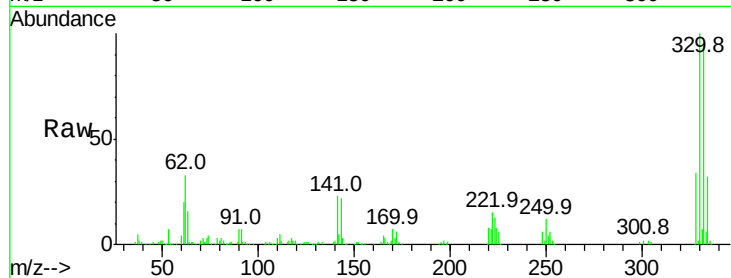




#41
 2,4,6-Tribromophenol
 Concen: 139.431 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106567.D
 Acq: 19 Jun 2018 5:04

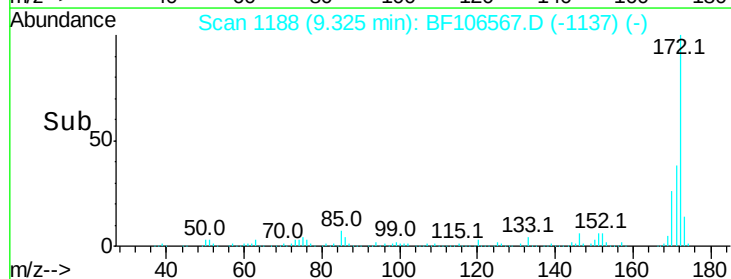
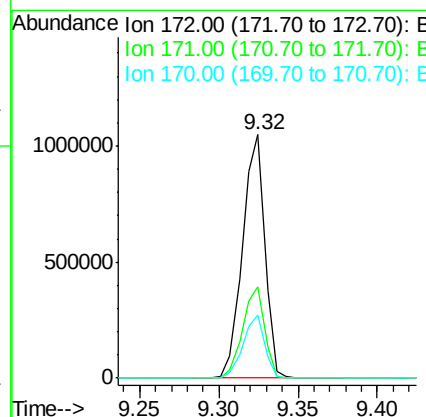
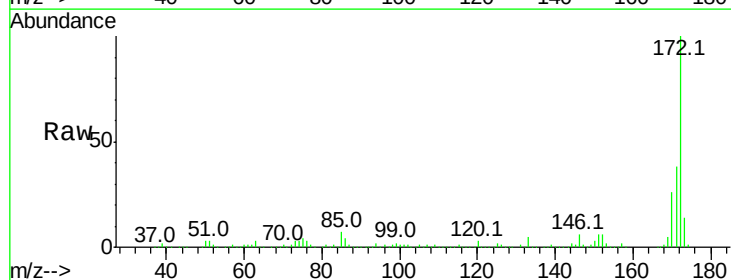
Instrument :
 BNA_F
 ClientSampleId :

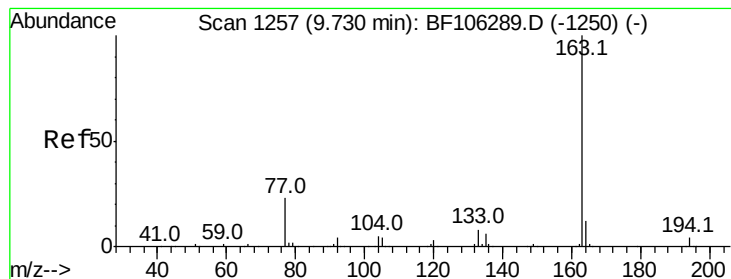
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	27.4	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 143.972 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF106567.D
 Acq: 19 Jun 2018 5:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.7	44.5
170	25.8	19.6	29.4





#49

Dimethylphthalate

Concen: 3.074 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF106567.D

Acq: 19 Jun 2018 5:04

Instrument :

BNA_F

ClientSampled :

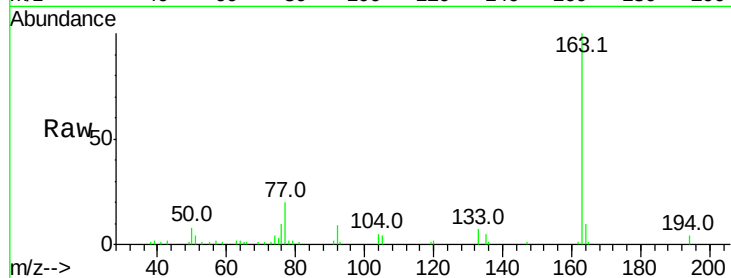
Tot Ion:163 Resp: 34217

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

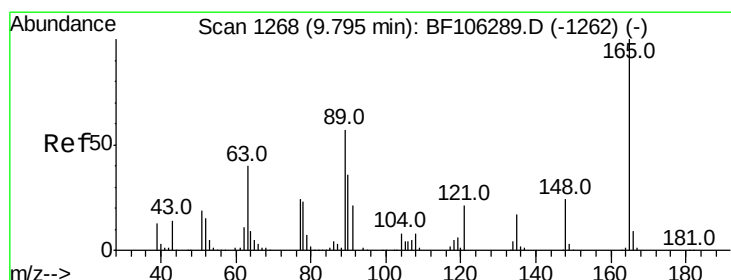
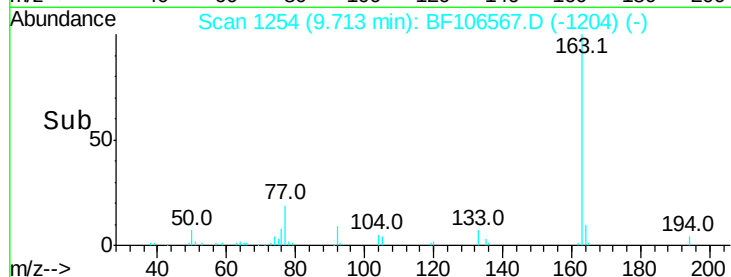
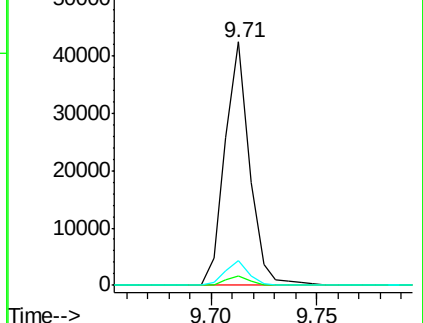
164 10.2 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 8.928 ng

RT: 10.01 min Scan# 1304

Delta R.T. 0.22 min

Lab File: BF106567.D

Acq: 19 Jun 2018 5:04

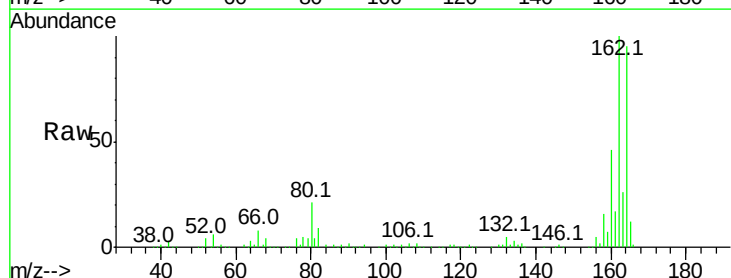
Tgt Ion:165 Resp: 20298

Ion Ratio Lower Upper

165 100

63 2.8 44.7 67.1#

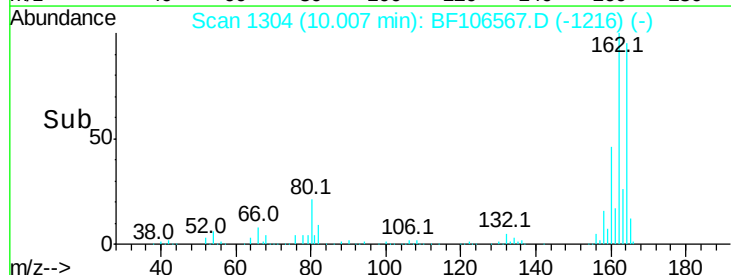
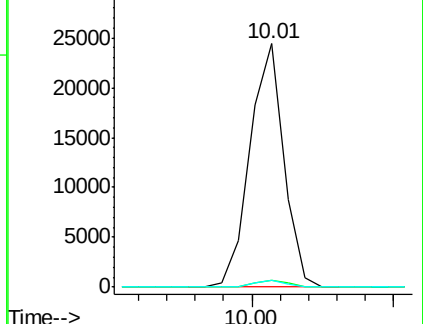
89 2.6 44.0 66.0#

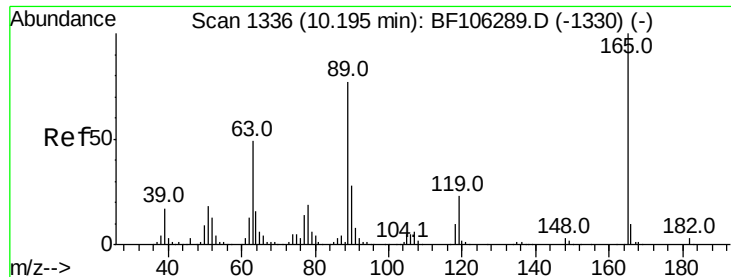


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#56

2,4-Dinitrotoluene

Concen: 7.109 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.18 min

Lab File: BF106567.D

Acq: 19 Jun 2018 5:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 20298

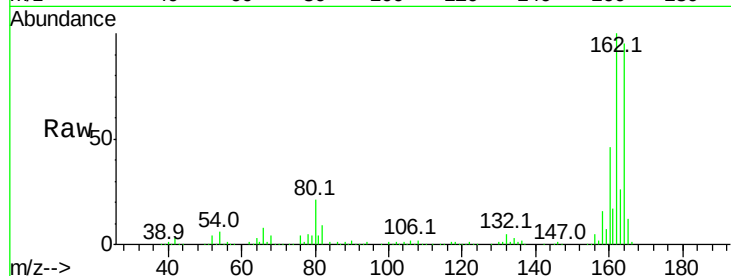
Ion Ratio Lower Upper

165 100

63 2.8 36.4 54.6#

89 2.6 57.8 86.6#

182 0.0 1.6 2.4#

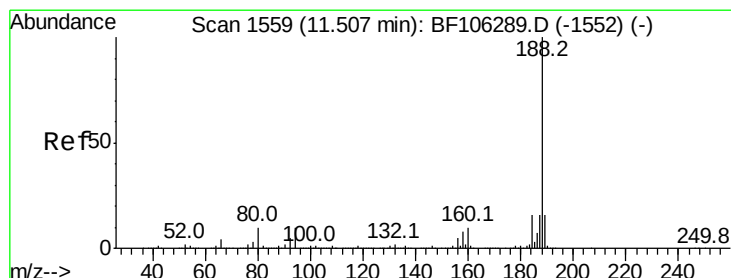
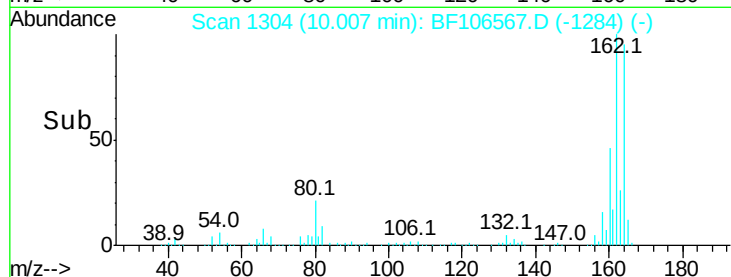
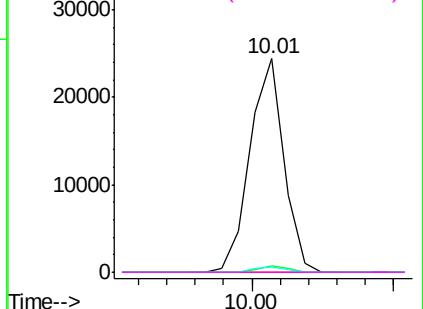


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106567.D

Acq: 19 Jun 2018 5:04

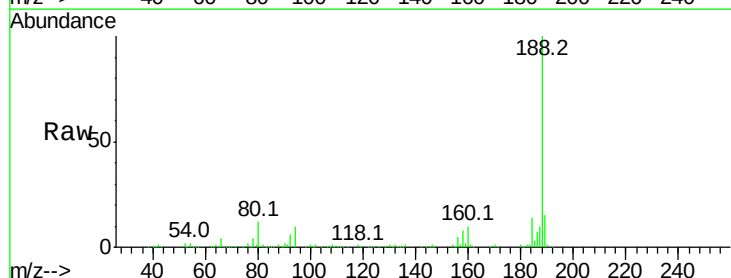
Tgt Ion:188 Resp: 246224

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

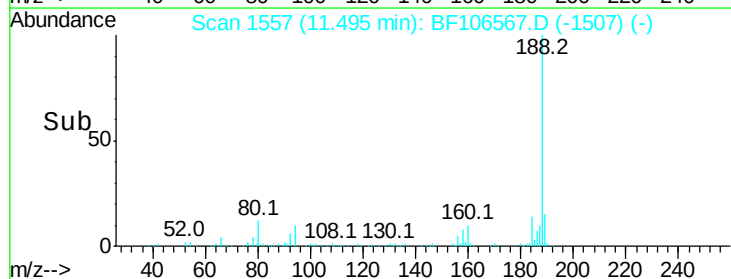
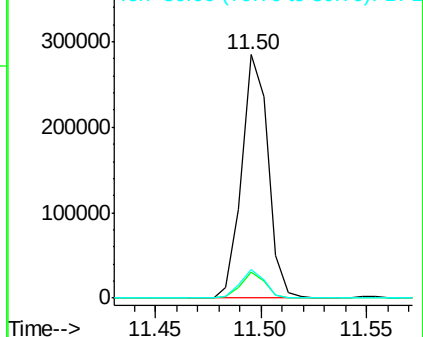
80 11.6 9.2 13.8

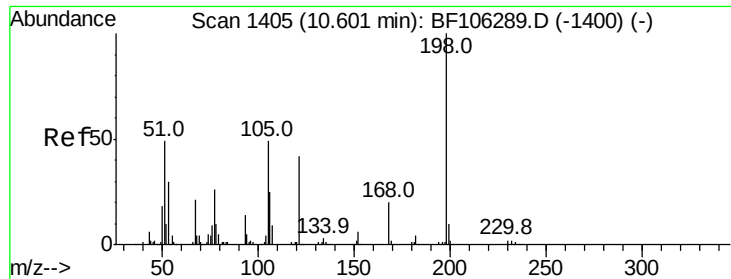


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

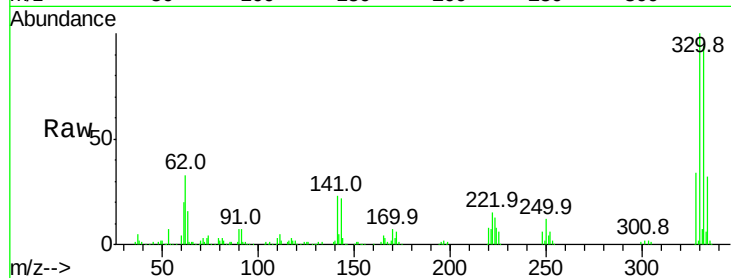




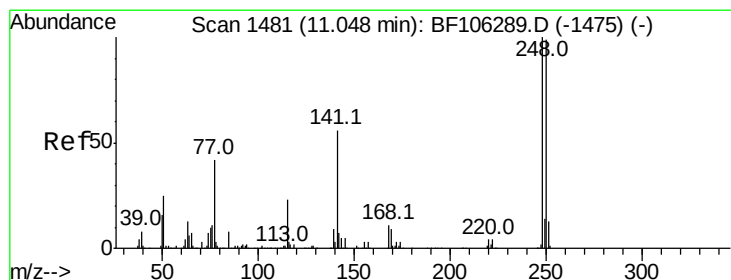
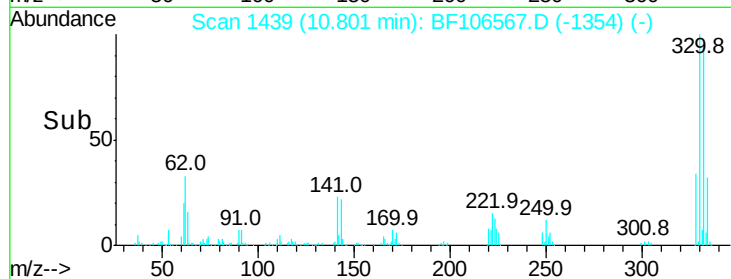
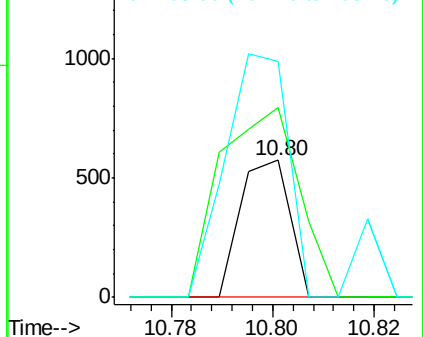
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.549 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.20 min
 Lab File: BF106567.D
 Acq: 19 Jun 2018 5:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 388
 Ion Ratio Lower Upper
 198 100
 51 138.9 37.7 77.7#
 105 172.6 36.3 76.3#

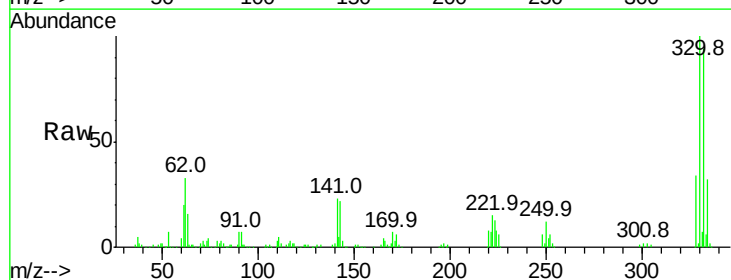


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

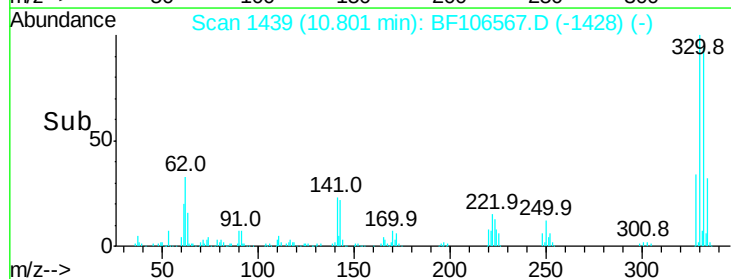
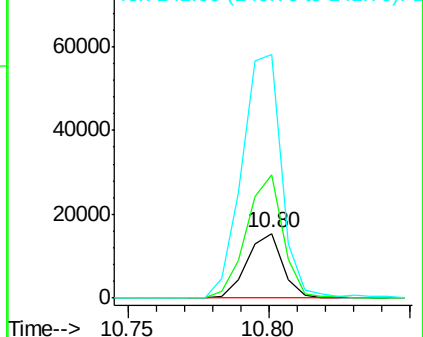


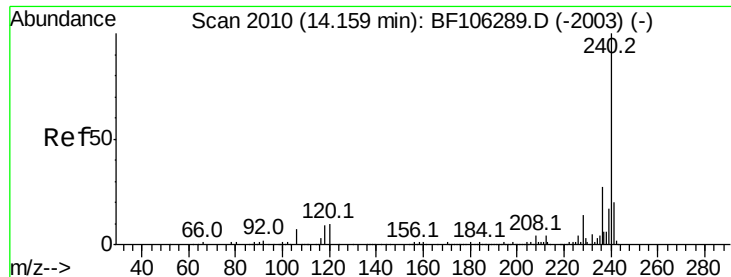
#66
 4-Bromophenyl-phenylether
 Concen: 4.840 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.24 min
 Lab File: BF106567.D
 Acq: 19 Jun 2018 5:04

Tgt Ion:248 Resp: 13554
 Ion Ratio Lower Upper
 248 100
 250 191.9 76.9 115.3#
 141 377.9 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF106567.D

Acq: 19 Jun 2018 5:04

Instrument :

BNA_F

ClientSampleId :

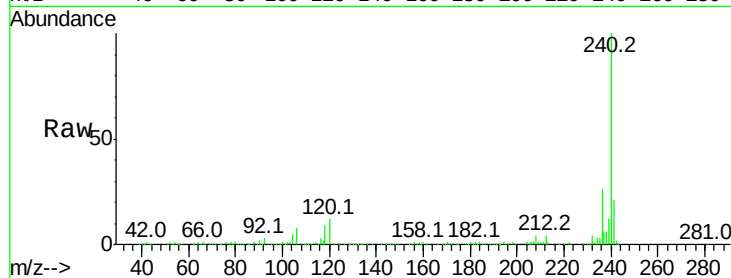
Tot Ion:240 Resp: 273131

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

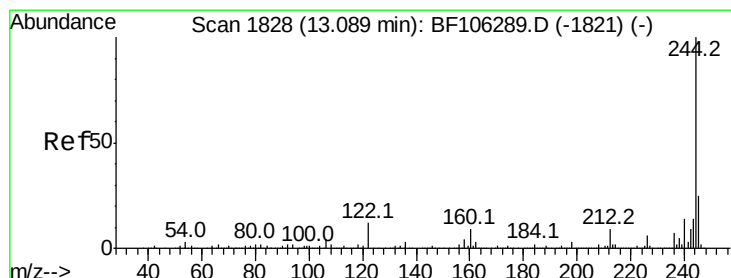
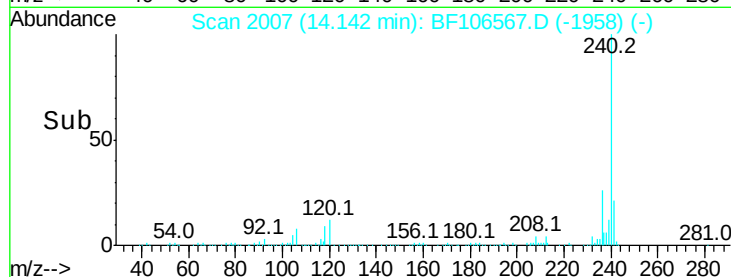
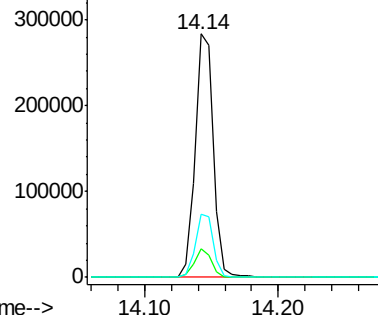
236 25.8 20.7 31.1



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: 85.084 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106567.D

Acq: 19 Jun 2018 5:04

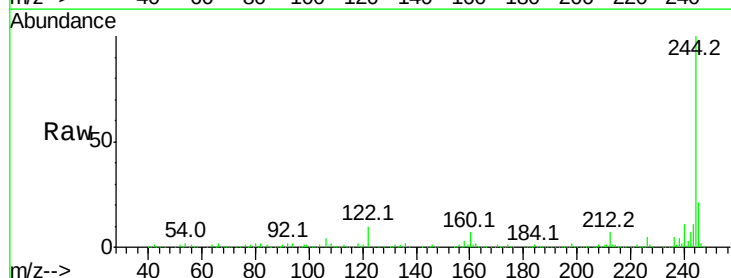
Tgt Ion:244 Resp: 935628

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

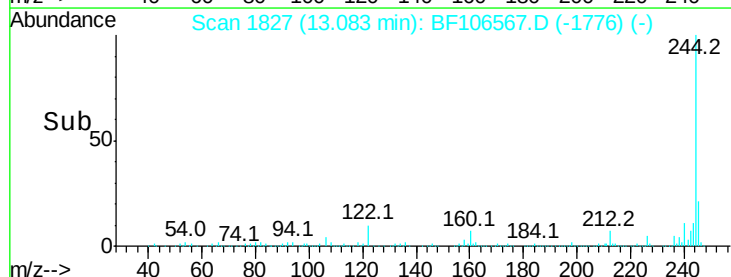
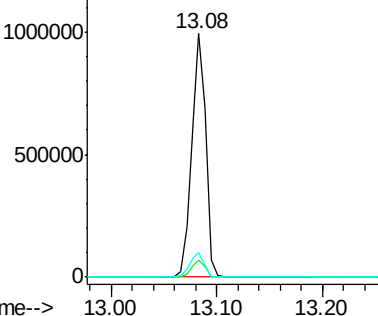
122 10.3 11.0 16.4

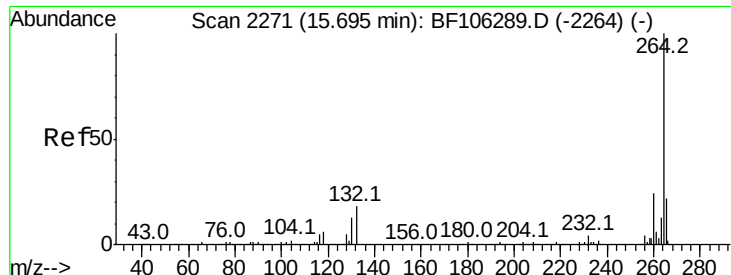


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

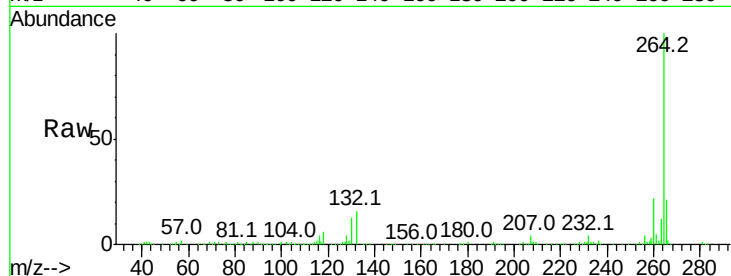




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BF106567.D
 Acq: 19 Jun 2018 5:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	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

