

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062918\
 Data File : BF106997.D
 Acq On : 30 Jun 2018 2:25
 Operator : JU/SJ
 Sample : J3718-05
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-24

Quant Time: Jun 30 04:26:49 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

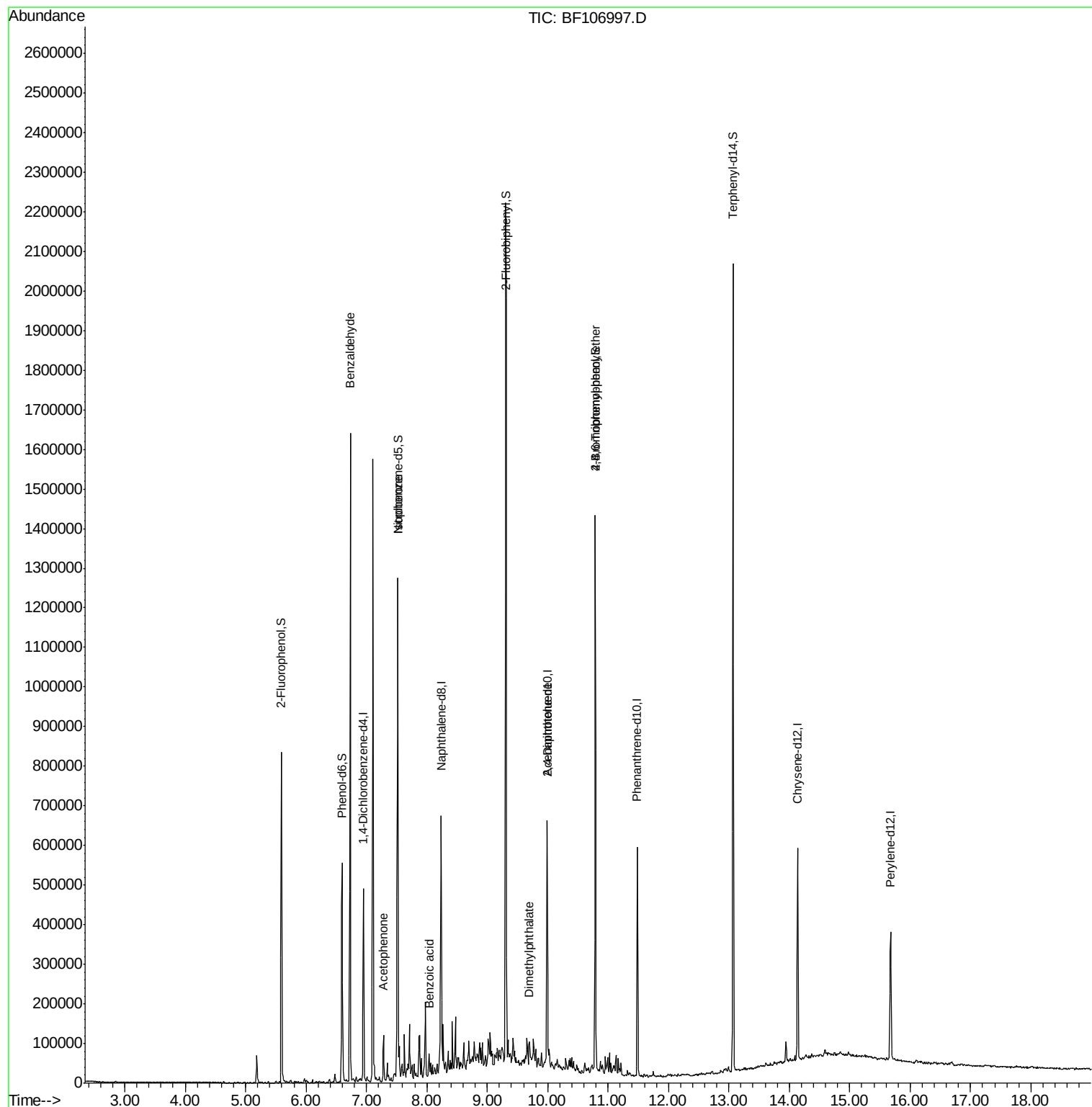
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	71350	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	265908	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	130736	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	227867	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	194706	20.00	ng	-0.03
86) Perylene-d12	15.68	264	167433	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	251431	59.67	ng	0.00
7) Phenol-d6	6.60	99	192239	36.53	ng	-0.02
23) Nitrobenzene-d5	7.52	82	421954	88.19	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	207109	136.68	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	765074	102.00	ng	-0.02
78) Terphenyl-d14	13.07	244	746629	92.89	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.73	77	9798	2.216	ng	# 82
20) 3+4-Methylphenols	7.60	107	594	Below Cal		# 1
22) Acetophenone	7.28	105	18847	3.168	ng	# 69
25) Isophorone	7.52	82	420764	49.904	ng	# 64
32) Benzoic acid	8.04	122	122	5.773	ng	# 1
49) Dimethylphthalate	9.70	163	20311	2.071	ng	# 93
56) 2,4-Dinitrotoluene	9.99	165	16999	6.272	ng	# 26
66) 4-Bromophenyl-phenylether	10.79	248	12813	4.712	ng	# 1

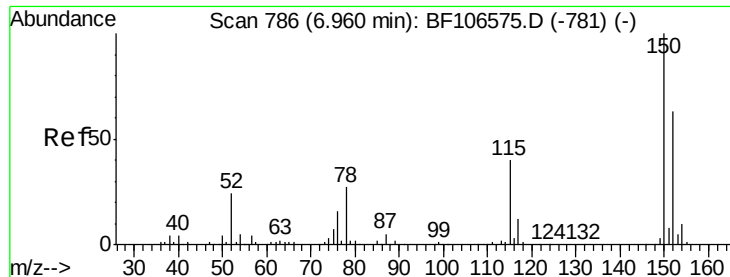
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062918\
Data File : BF106997.D
Acq On : 30 Jun 2018 2:25
Operator : JU/SJ
Sample : J3718-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-24

Quant Time: Jun 30 04:26:49 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



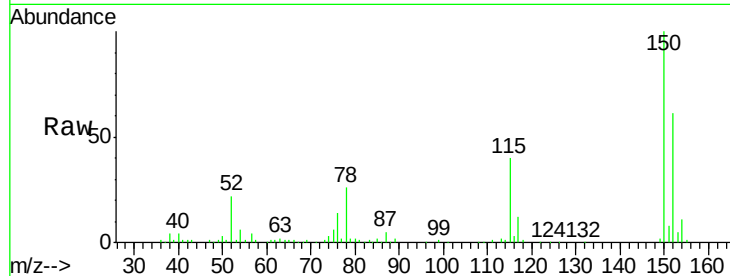


#1

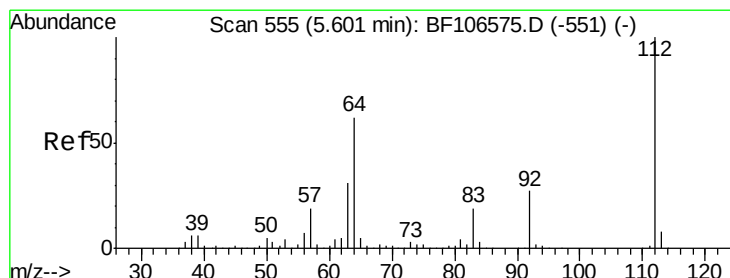
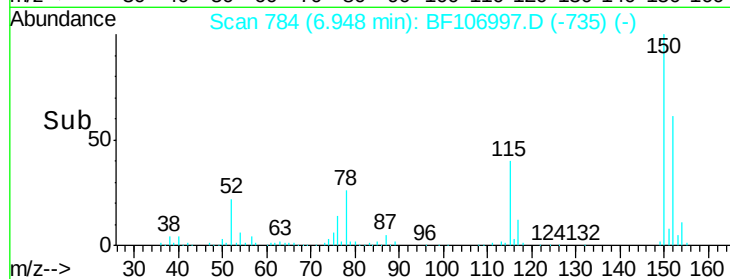
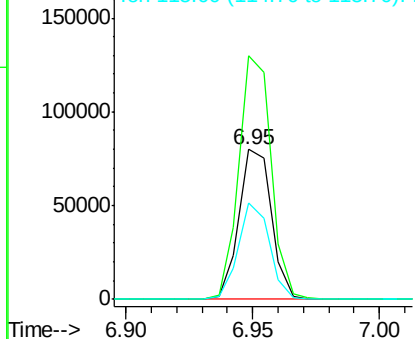
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF106997.D
Acq: 30 Jun 2018 2:25

Instrument :
BNA_F
ClientSampleId :
W-24

Tgt Ion:152 Resp: 71350
Ion Ratio Lower Upper
152 100
150 162.6 124.6 186.8
115 64.4 50.1 75.1



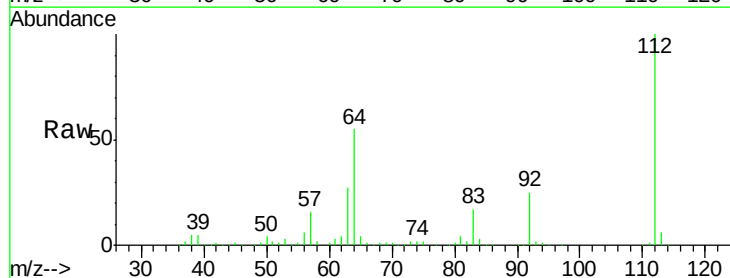
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



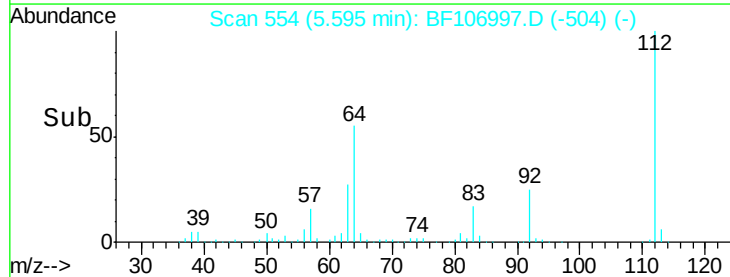
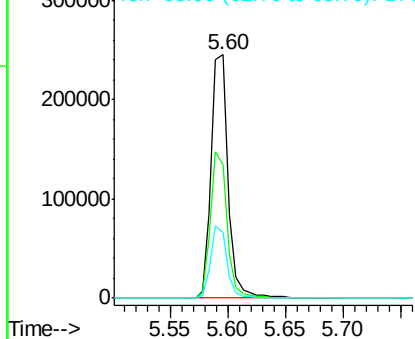
#5

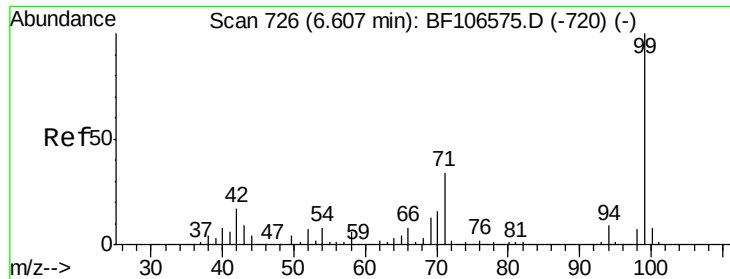
2-Fluorophenol
Concen: 59.671 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106997.D
Acq: 30 Jun 2018 2:25

Tgt Ion:112 Resp: 251431
Ion Ratio Lower Upper
112 100
64 54.9 47.9 71.9
63 27.1 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: 36.533 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106997.D

Acq: 30 Jun 2018 2:25

Instrument :

BNA_F

ClientSampled :

W-24

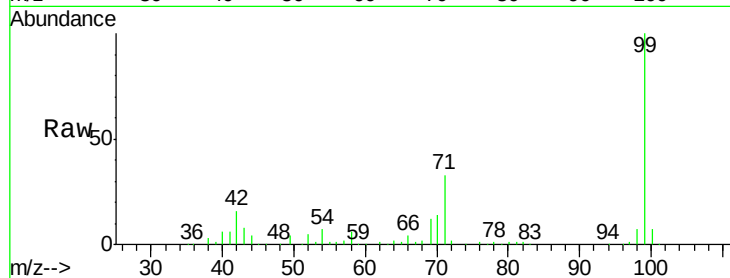
Tgt Ion: 99 Resp: 192239

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

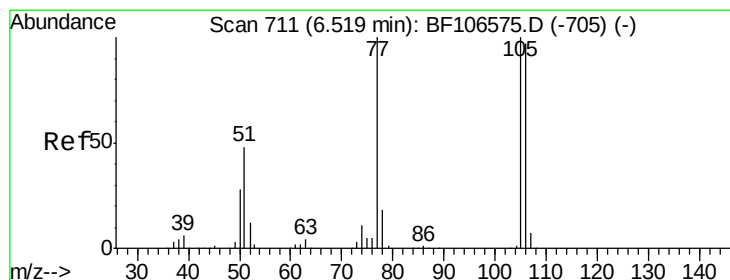
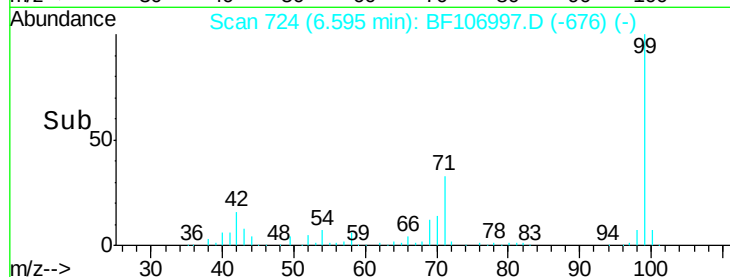
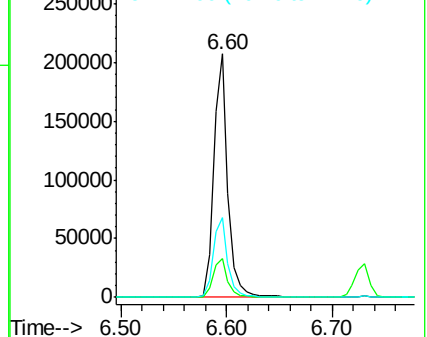
71 32.8 25.4 38.0



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: 2.216 ng

RT: 6.73 min Scan# 747

Delta R.T. 0.21 min

Lab File: BF106997.D

Acq: 30 Jun 2018 2:25

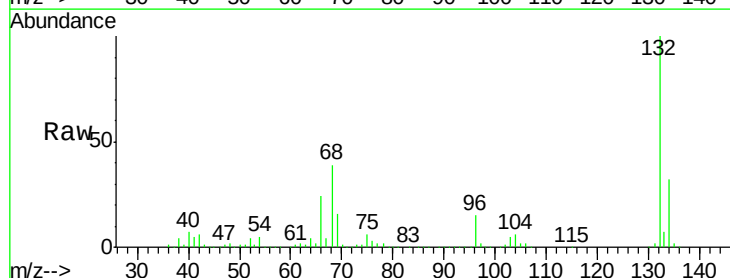
Tgt Ion: 77 Resp: 9798

Ion Ratio Lower Upper

77 100

105 79.6 81.1 121.1#

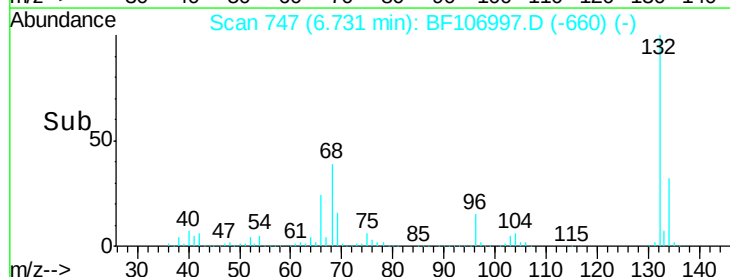
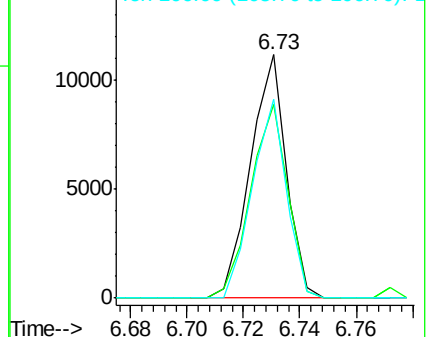
106 81.5 74.5 114.5

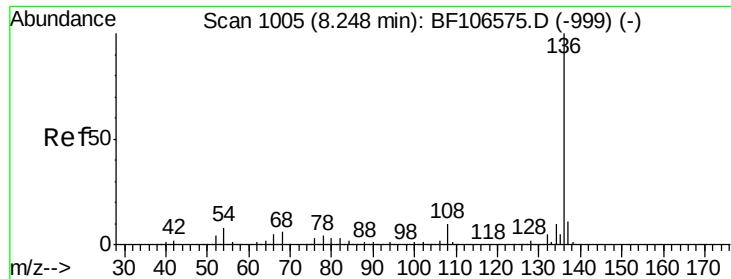


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

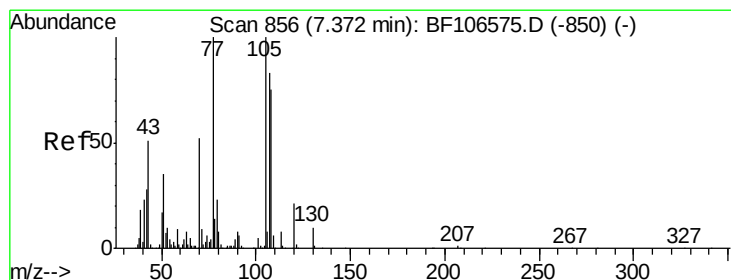
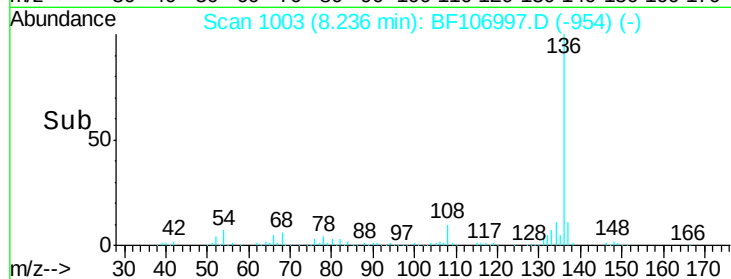
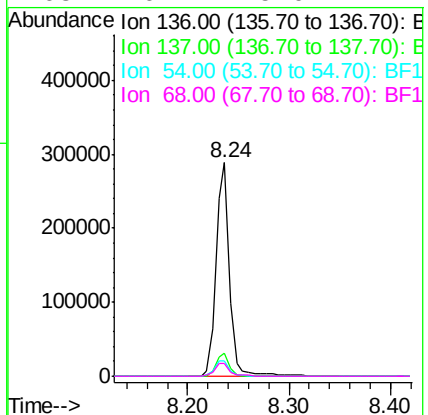
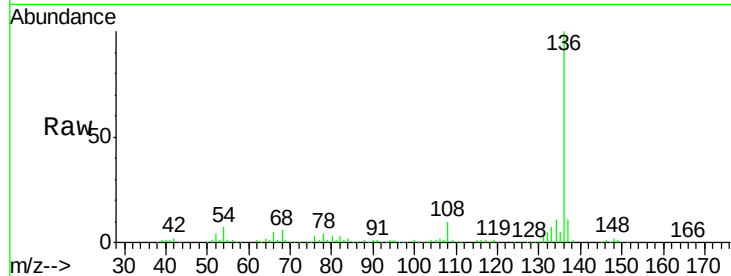




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106997.D
Acq: 30 Jun 2018 2:25

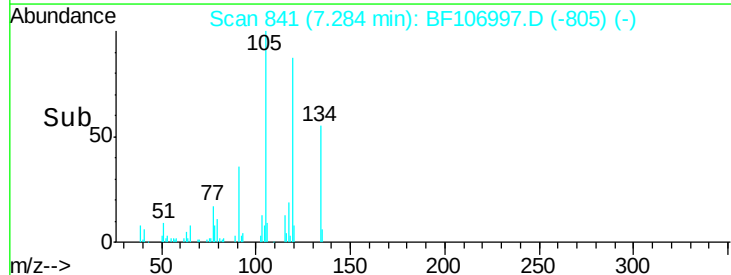
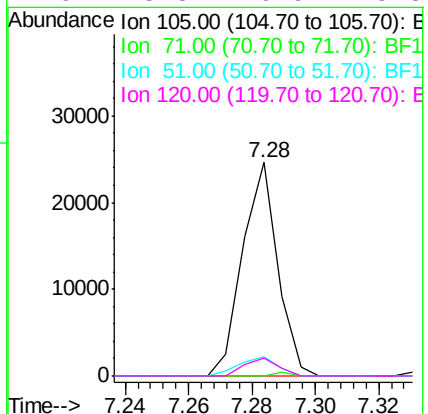
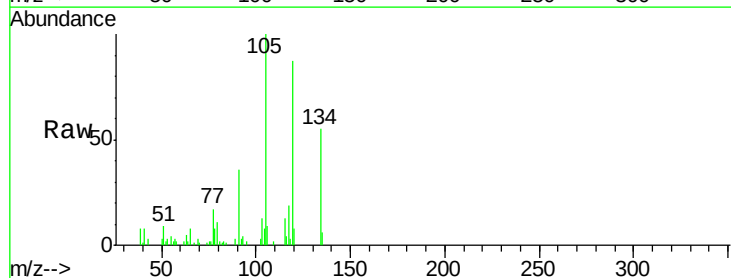
Instrument :
BNA_F
ClientSampleId :
W-24

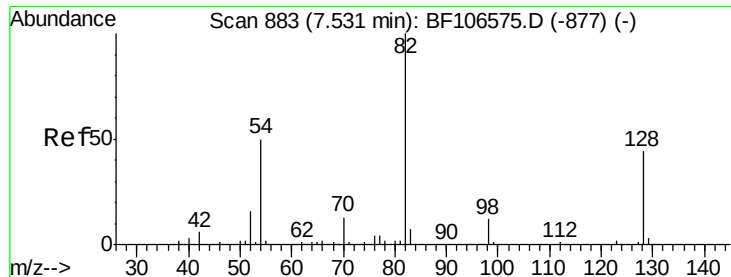
Tgt Ion:	136	Resp:	265908
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.4	6.6	9.8
68	6.1	5.0	7.4



#22
Acetophenone
Concen: 3.168 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.09 min
Lab File: BF106997.D
Acq: 30 Jun 2018 2:25

Tgt Ion:	105	Resp:	18847
Ion	Ratio	Lower	Upper
105	100		
71	0.0	4.4	6.6#
51	9.0	22.3	33.5#
120	8.3	16.9	25.3#





#23

Nitrobenzene-d5

Concen: 88.186 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF106997.D

Acq: 30 Jun 2018 2:25

Instrument :

BNA_F

ClientSampled :

W-24

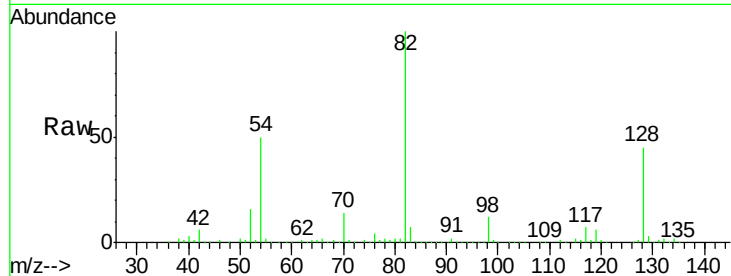
Tgt Ion: 82 Resp: 421954

Ion Ratio Lower Upper

82 100

128 44.6 36.1 54.1

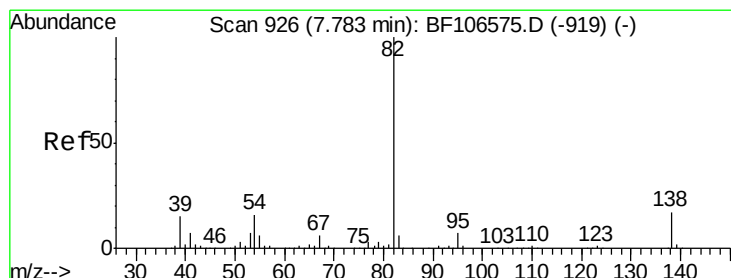
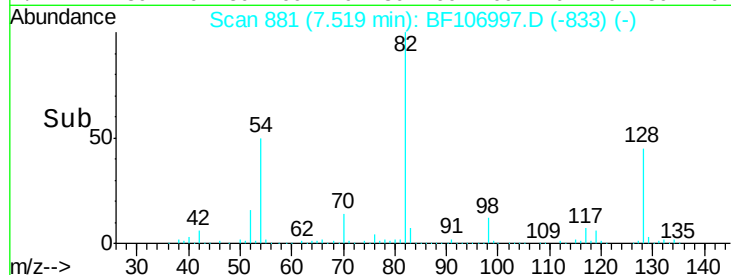
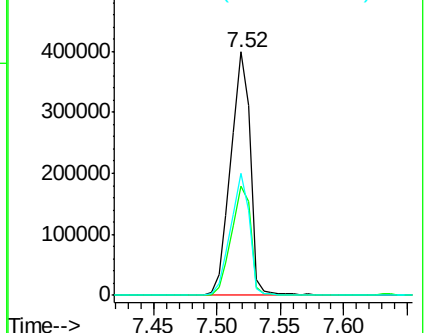
54 50.1 41.4 62.2



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: 49.904 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.27 min

Lab File: BF106997.D

Acq: 30 Jun 2018 2:25

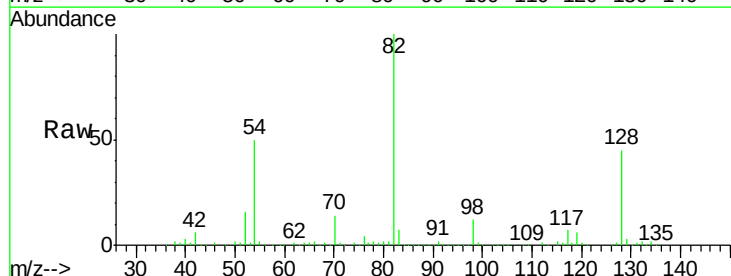
Tgt Ion: 82 Resp: 420764

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

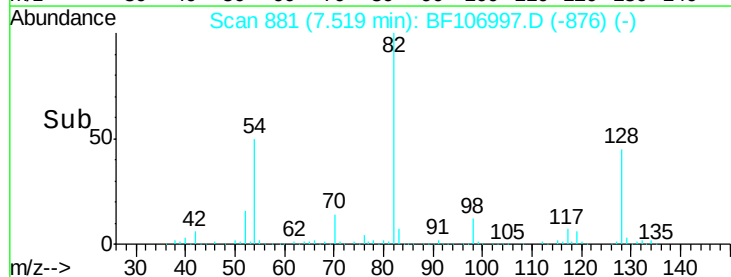
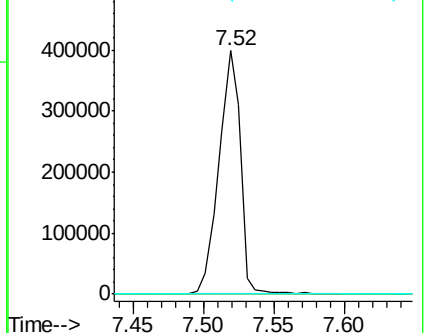
138 0.0 14.9 22.3#

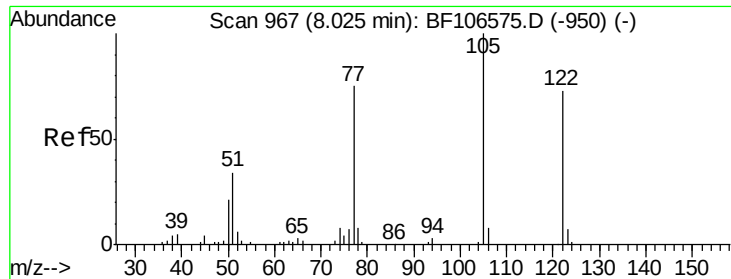


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#32

Benzoic acid

Concen: 5.773 ng

RT: 8.04 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF106997.D

Acq: 30 Jun 2018 2:25

Instrument :

BNA_F

ClientSampled :

W-24

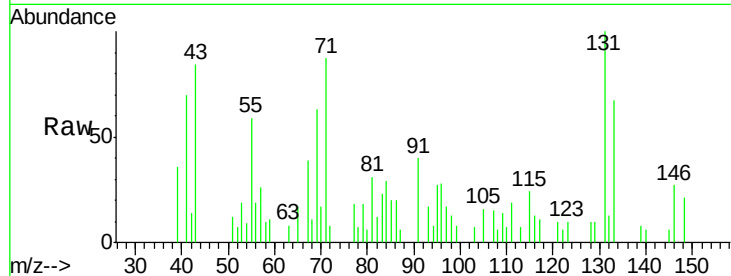
Tgt Ion:122 Resp: 122

Ion Ratio Lower Upper

122 100

105 252.5 101.1 141.1#

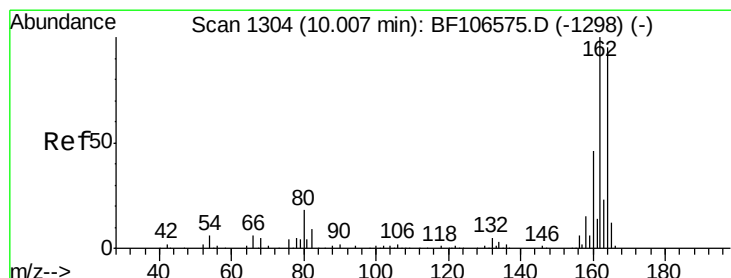
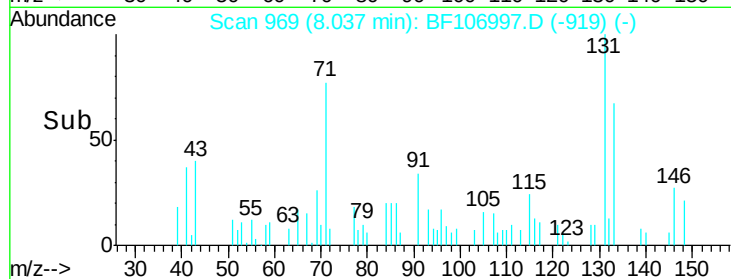
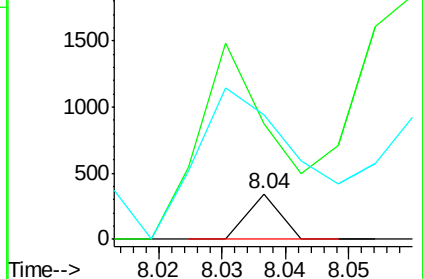
77 273.0 70.7 110.7#



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: 10.00 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF106997.D

Acq: 30 Jun 2018 2:25

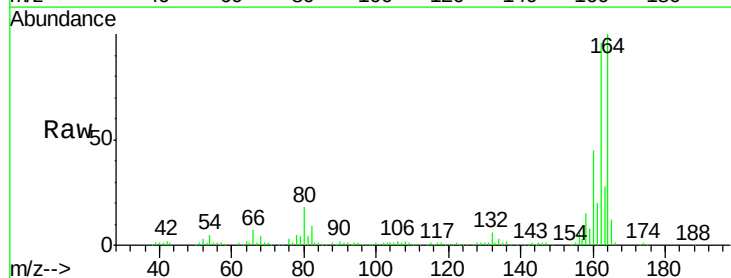
Tgt Ion:164 Resp: 130736

Ion Ratio Lower Upper

164 100

162 95.7 86.1 129.1

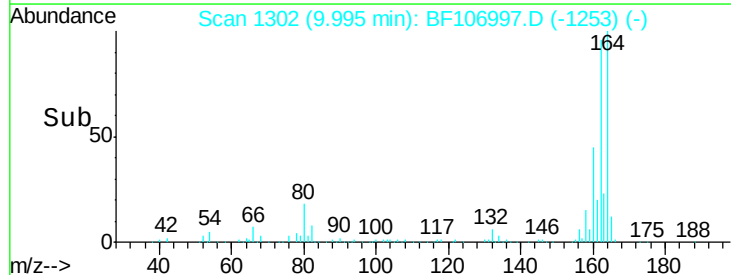
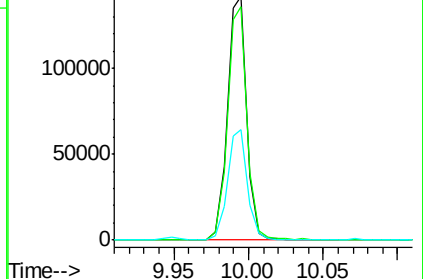
160 45.5 38.3 57.5

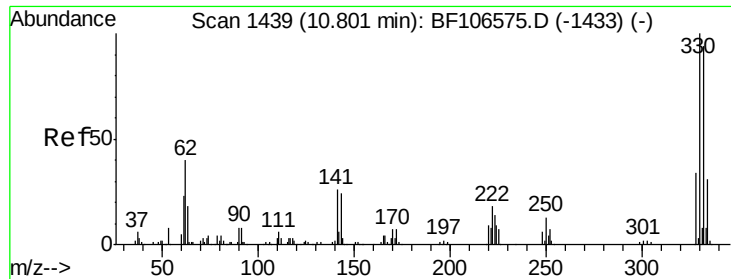


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

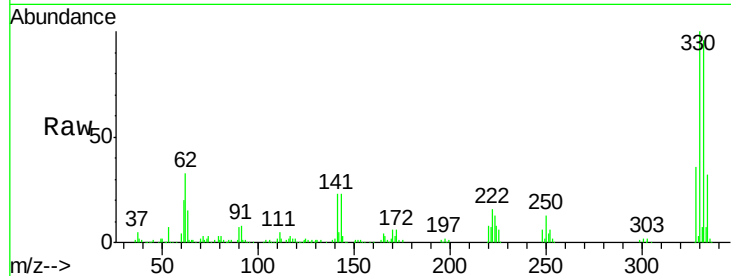




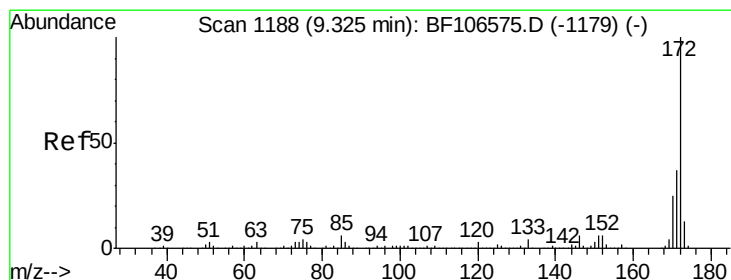
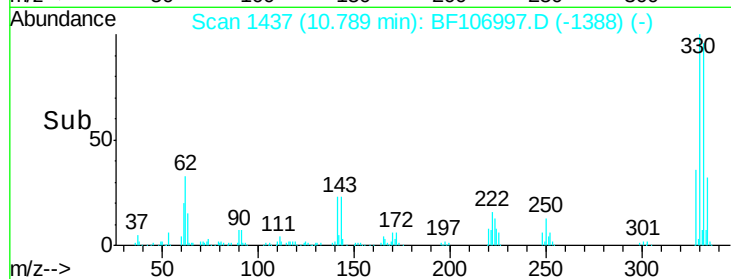
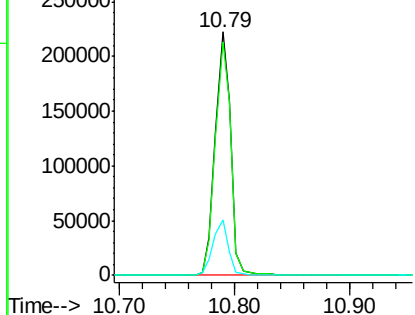
#41
 2,4,6-Tribromophenol
 Concen: 136.682 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106997.D
 Acq: 30 Jun 2018 2:25

Instrument :
 BNA_F
 ClientSampled :
 W-24

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	22.9	29.9	44.9

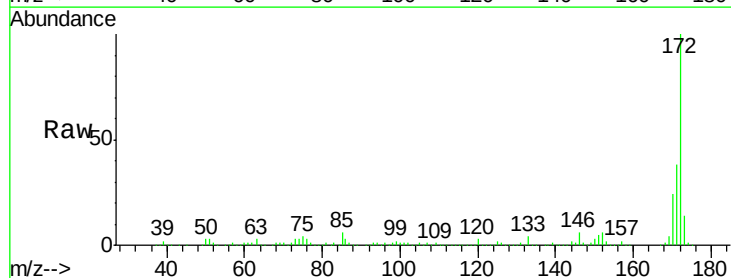


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

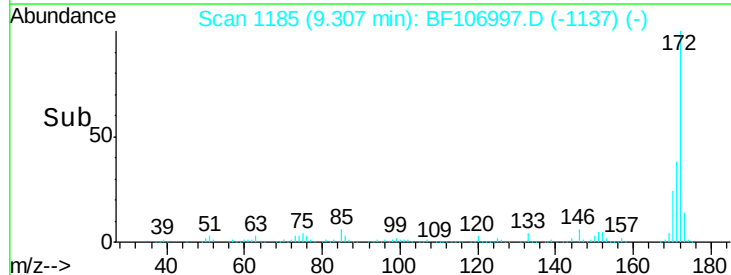
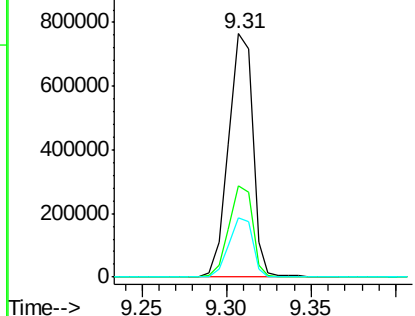


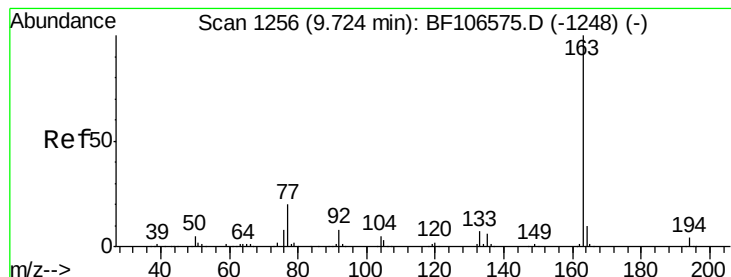
#44
 2-Fluorobiphenyl
 Concen: 102.004 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106997.D
 Acq: 30 Jun 2018 2:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.7	44.5
170	24.5	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: 2.071 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF106997.D

Acq: 30 Jun 2018 2:25

Instrument :

BNA_F

ClientSampleId :

W-24

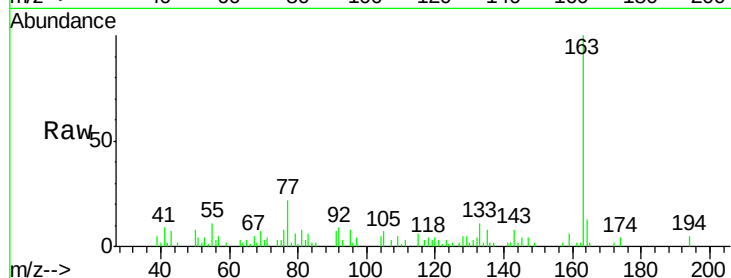
Tgt Ion:163 Resp: 20311

Ion Ratio Lower Upper

163 100

194 4.9 2.7 4.1#

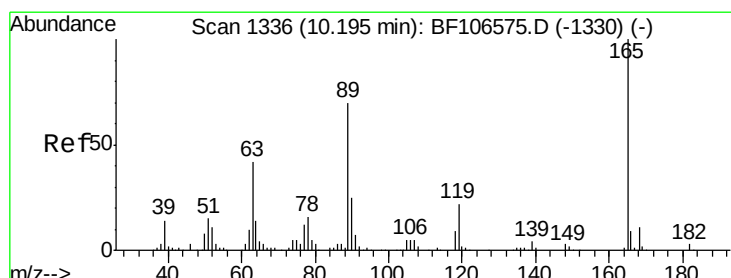
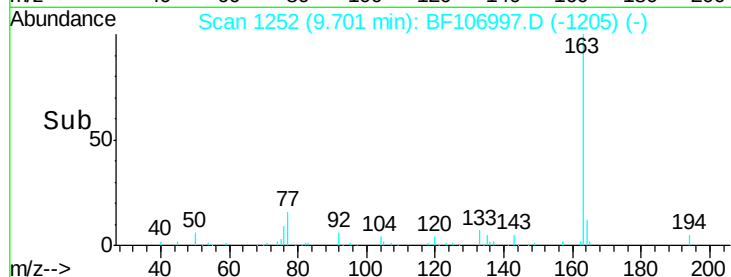
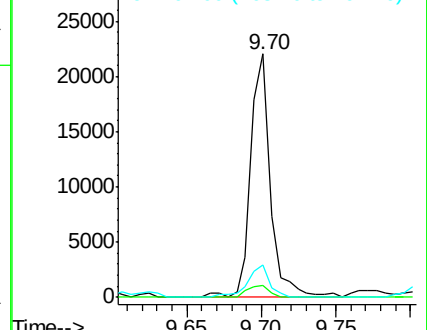
164 13.2 8.2 12.2#



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



#56

2,4-Dinitrotoluene

Concen: 6.272 ng

RT: 9.99 min Scan# 1301

Delta R.T. -0.21 min

Lab File: BF106997.D

Acq: 30 Jun 2018 2:25

Tgt Ion:165 Resp: 16999

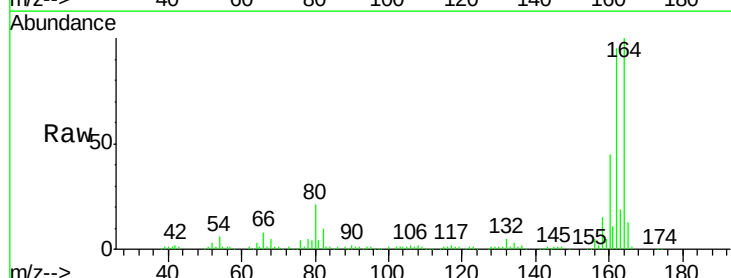
Ion Ratio Lower Upper

165 100

63 3.4 36.4 54.6#

89 3.0 57.8 86.6#

182 0.0 1.6 2.4#

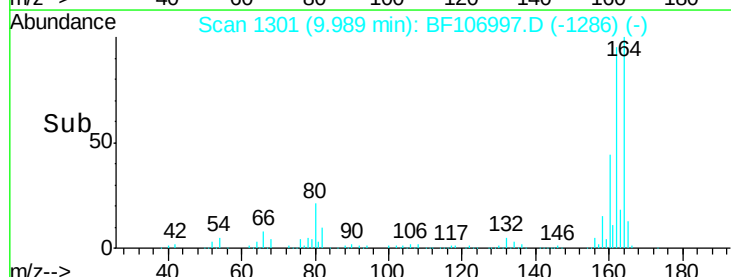
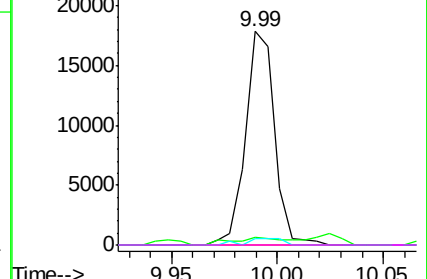


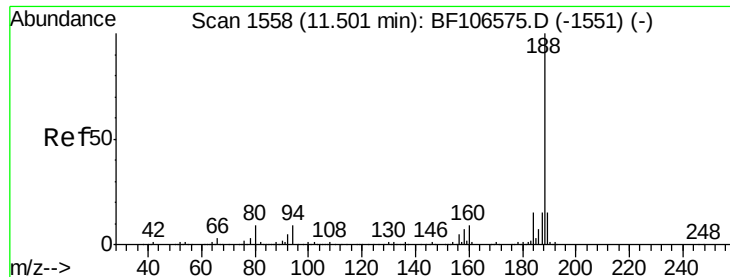
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.48 min Scan# 1555

Delta R.T. -0.02 min

Lab File: BF106997.D

Acq: 30 Jun 2018 2:25

Instrument :

BNA_F

ClientSampleId :

W-24

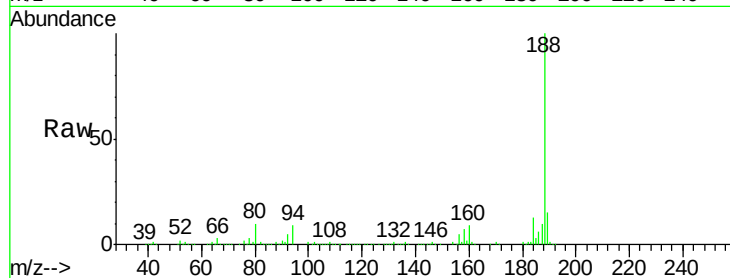
Tgt Ion:188 Resp: 227867

Ion Ratio Lower Upper

188 100

94 8.7 8.5 12.7

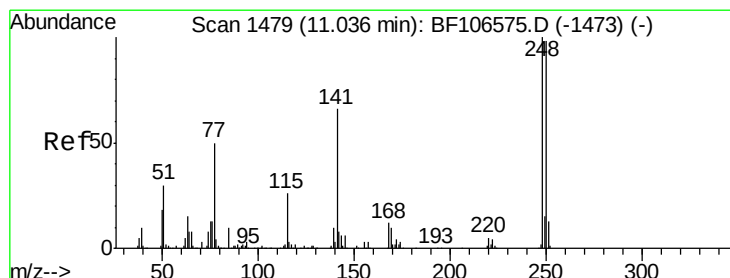
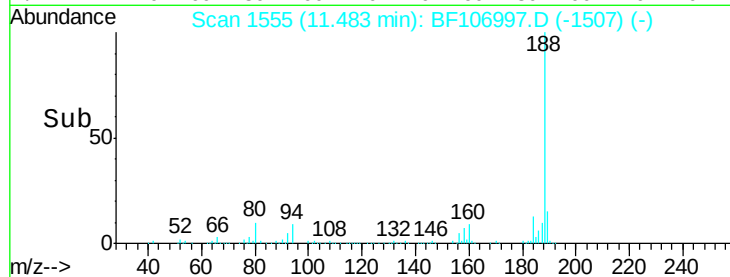
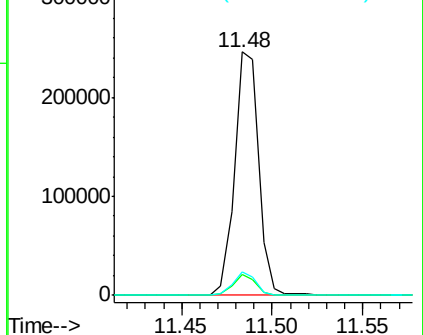
80 9.6 9.2 13.8



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



#66

4-Bromophenyl-phenylether

Concen: 4.712 ng

RT: 10.79 min Scan# 1437

Delta R.T. -0.25 min

Lab File: BF106997.D

Acq: 30 Jun 2018 2:25

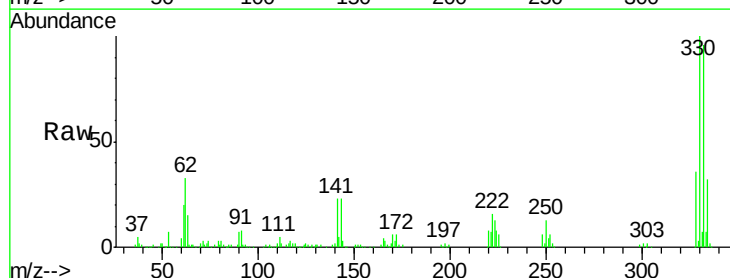
Tgt Ion:248 Resp: 12813

Ion Ratio Lower Upper

248 100

250 200.8 76.9 115.3#

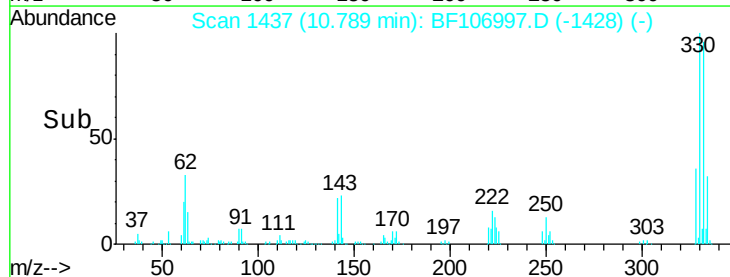
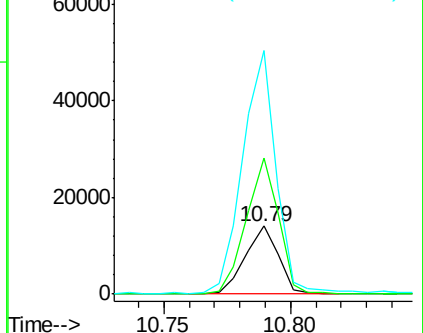
141 359.3 74.4 111.6#

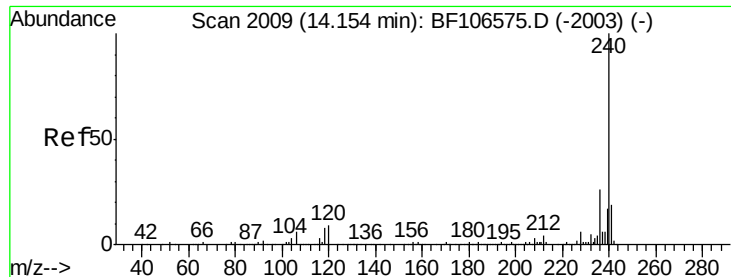


Abundance Ion 248.00 (247.70 to 248.70): E

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# 2006

Delta R.T. -0.03 min

Lab File: BF106997.D

Acq: 30 Jun 2018 2:25

Instrument :

BNA_F

ClientSampled :

W-24

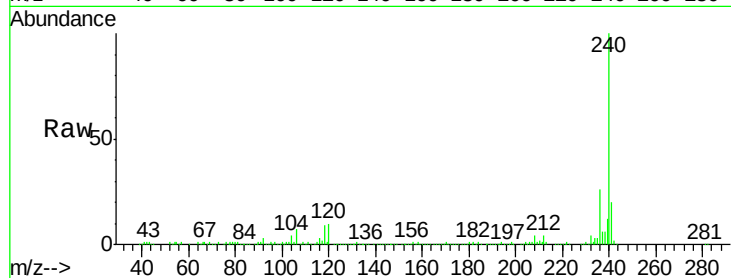
Tgt Ion:240 Resp: 194706

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

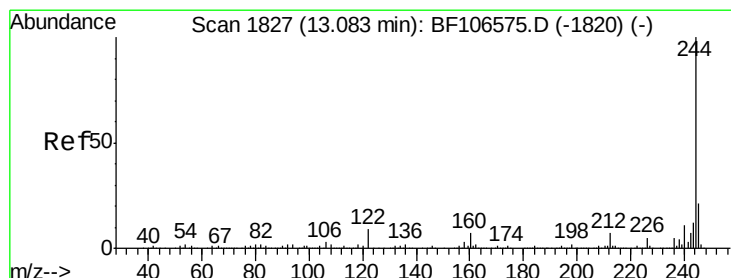
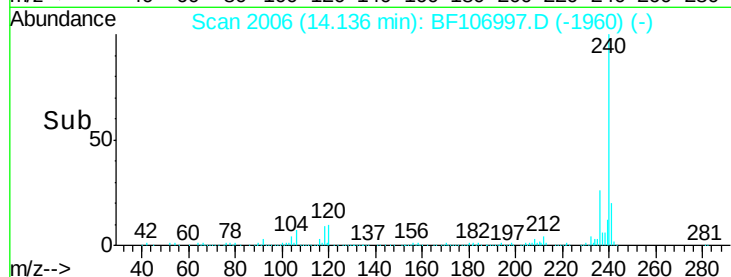
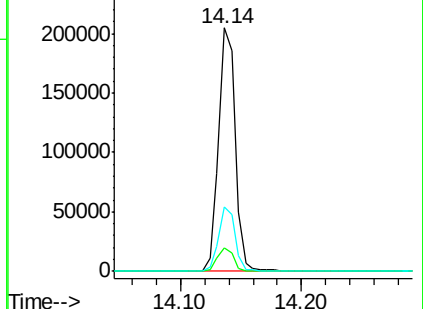
236 26.3 20.7 31.1



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: 92.887 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106997.D

Acq: 30 Jun 2018 2:25

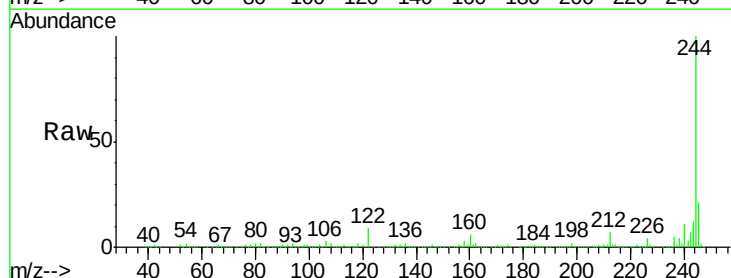
Tgt Ion:244 Resp: 746629

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

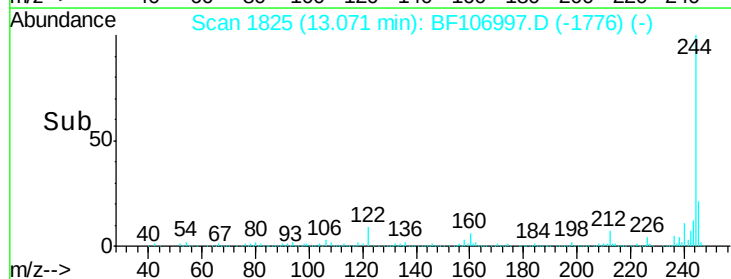
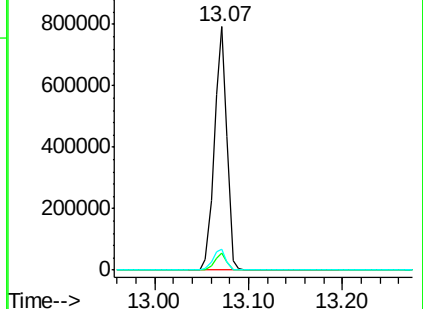
122 8.8 11.0 16.4#

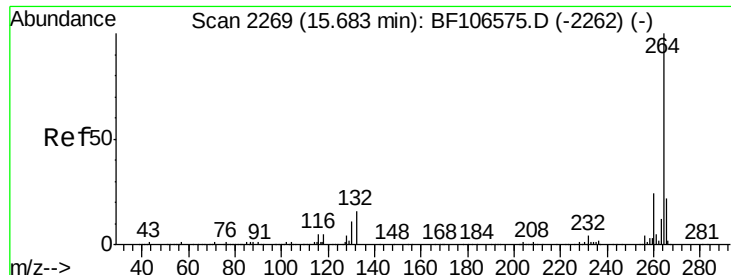


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2268
Delta R.T. -0.04 min
Lab File: BF106997.D
Acq: 30 Jun 2018 2:25

Instrument :
BNA_F
ClientSampleId :
W-24

Tgt Ion:	264	Resp:	167433
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.5	17.5	26.3

