

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061518\
 Data File : BF106515.D
 Acq On : 16 Jun 2018 2:33
 Operator : JU/SJ
 Sample : J3449-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-33

Quant Time: Jun 16 04:17:29 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	112559	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	383105	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	150900	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	288782	20.00	ng	0.00
75) Chrysene-d12	14.15	240	306003	20.00	ng	0.00
86) Perylene-d12	15.68	264	213083	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	384572	57.83	ng	0.00
7) Phenol-d6	6.61	99	294823	35.09	ng	0.00
23) Nitrobenzene-d5	7.53	82	564134	86.63	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	212975	146.69	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	923561	125.63	ng	0.00
78) Terphenyl-d14	13.08	244	1105702	89.75	ng	0.00

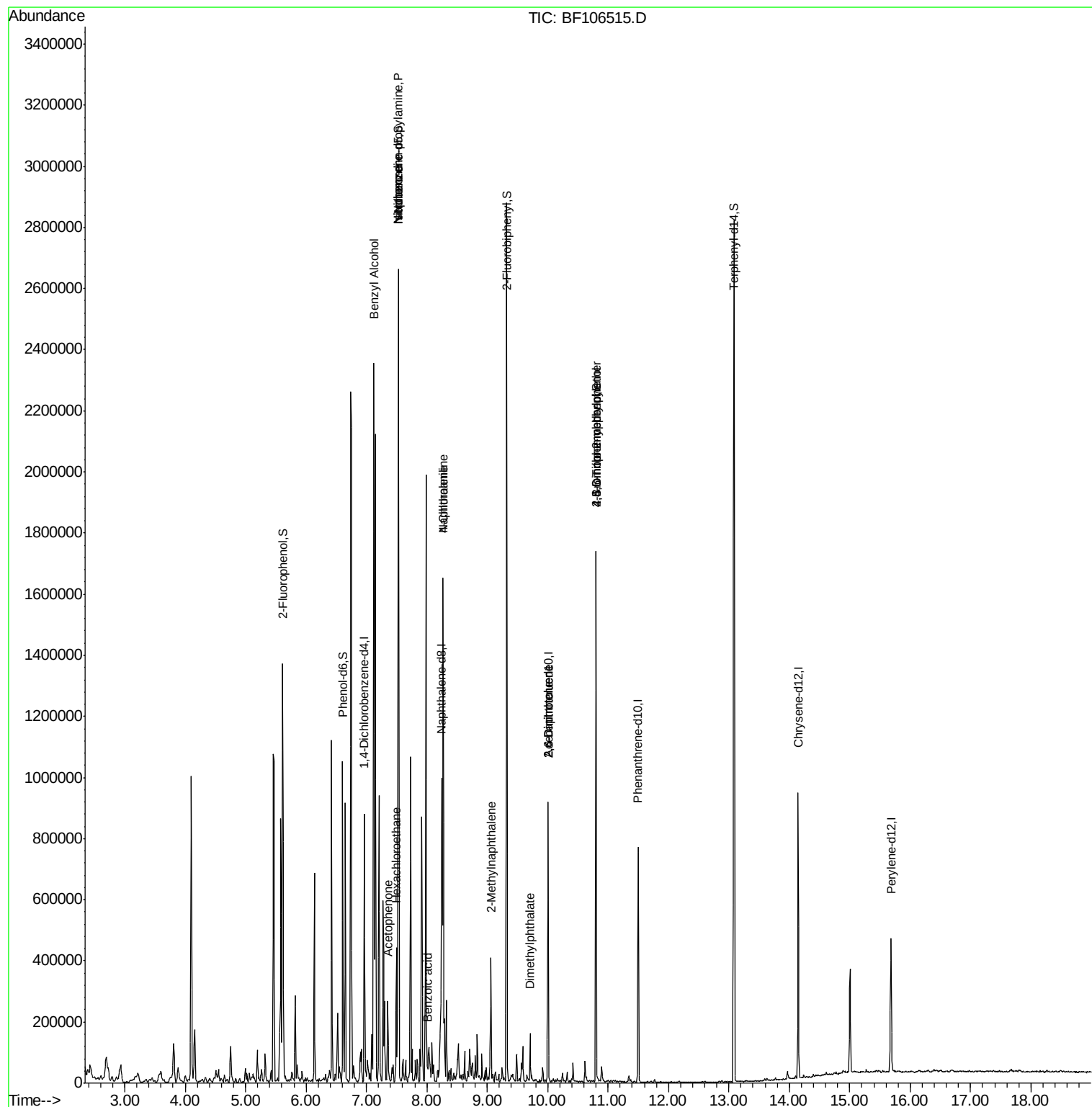
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	7.12	79	14941	2.076	ng	# 45
18) Hexachloroethane	7.50	117	73343	24.098	ng	# 33
19) n-Nitroso-di-n-propylamine	7.53	70	75598	11.993	ng	# 75
22) Acetophenone	7.35	105	92987	9.631	ng	# 58
24) Nitrobenzene	7.53	77	21375	3.020	ng	# 1
25) Isophorone	7.53	82	564124	44.350	ng	# 64
31) Naphthalene	8.27	128	635624	36.702	ng	# 99
32) Benzoic acid	8.01	122	3044	7.939	ng	# 67
33) 4-Chloroaniline	8.27	127	87662	11.422	ng	# 32
37) 2-Methylnaphthalene	9.06	142	81975	6.950	ng	# 95
49) Dimethylphthalate	9.71	163	55766	5.173	ng	# 98
50) 2,6-Dinitrotoluene	10.01	165	19475	8.843	ng	# 29
56) 2,4-Dinitrotoluene	10.01	165	19475	7.042	ng	# 26
64) 4,6-Dinitro-2-methylphenol	10.80	198	394	6.515	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	13857	4.219	ng	# 1

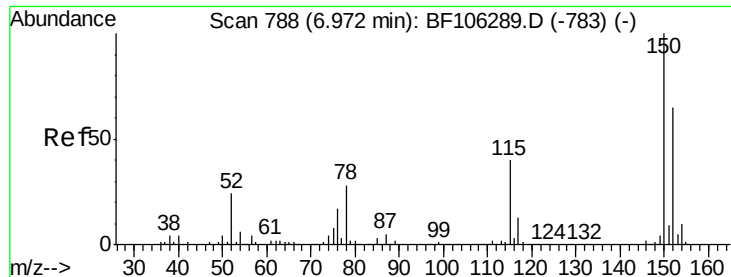
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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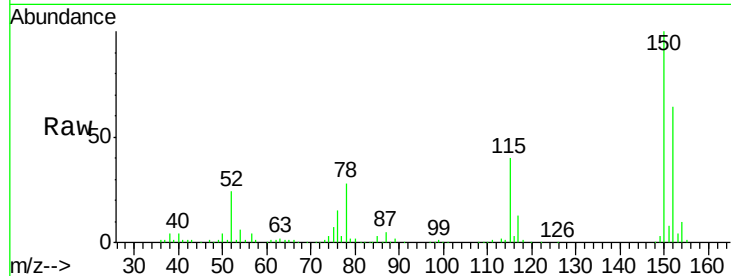




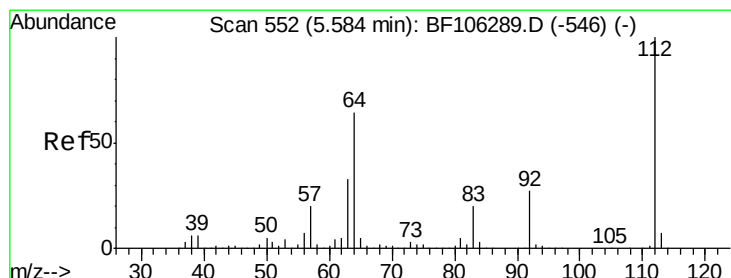
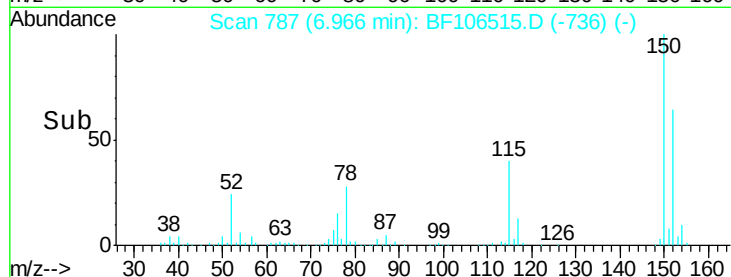
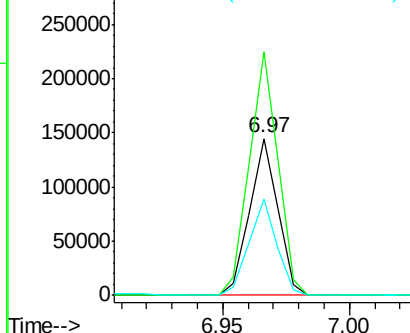
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF106515.D
 Acq: 16 Jun 2018 2:33

Instrument :
 BNA_F
 ClientSampleId :
 W-33

Tgt Ion:152 Resp: 112559
 Ion Ratio Lower Upper
 152 100
 150 155.5 124.6 186.8
 115 61.9 50.1 75.1

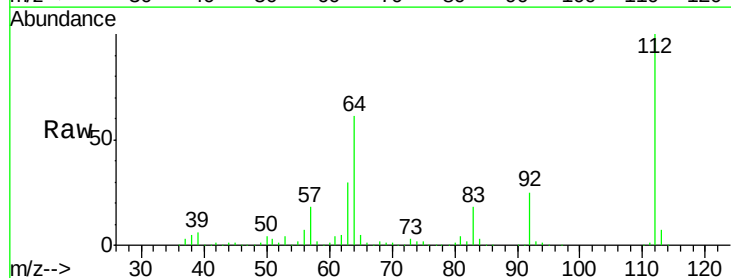


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

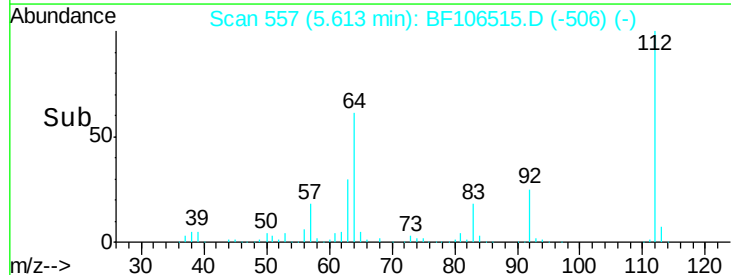
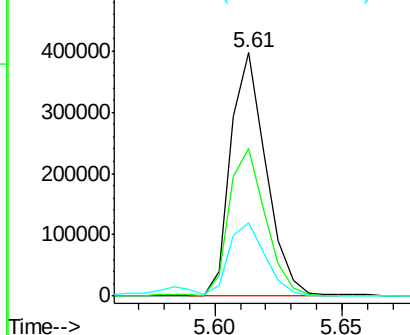


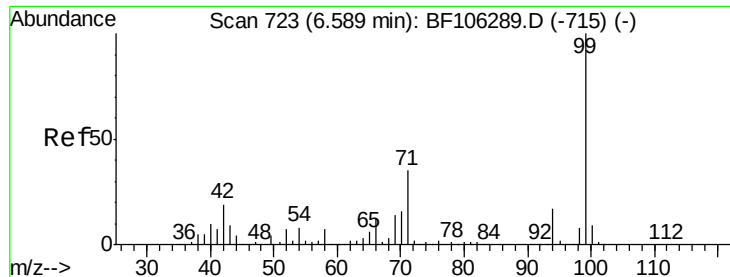
#5
 2-Fluorophenol
 Concen: 57.826 ng
 RT: 5.61 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: BF106515.D
 Acq: 16 Jun 2018 2:33

Tgt Ion:112 Resp: 384572
 Ion Ratio Lower Upper
 112 100
 64 60.9 47.9 71.9
 63 30.2 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: 35.089 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106515.D

Acq: 16 Jun 2018 2:33

Instrument :

BNA_F

ClientSampleId :

W-33

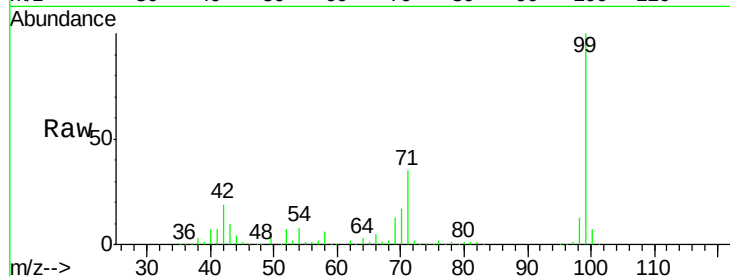
Tgt Ion: 99 Resp: 294823

Ion Ratio Lower Upper

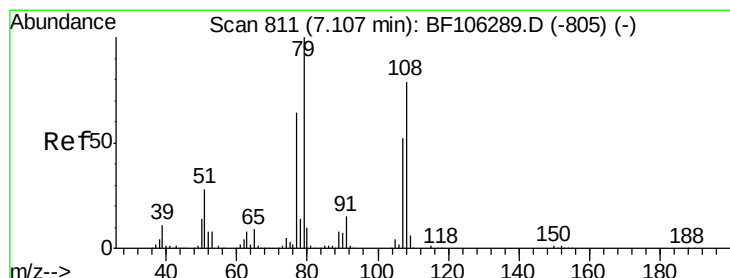
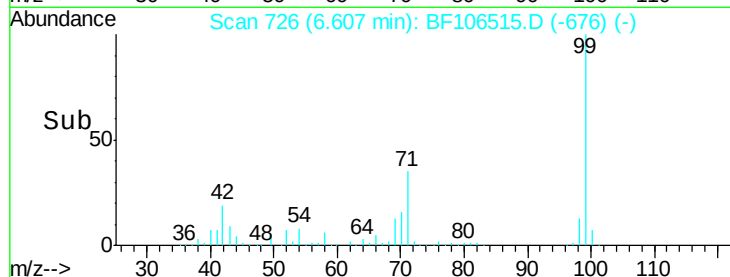
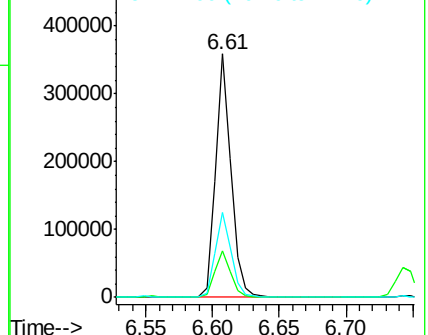
99 100

42 19.2 14.5 21.7

71 35.1 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



#15

Benzyl Alcohol

Concen: 2.076 ng

RT: 7.12 min Scan# 814

Delta R.T. 0.02 min

Lab File: BF106515.D

Acq: 16 Jun 2018 2:33

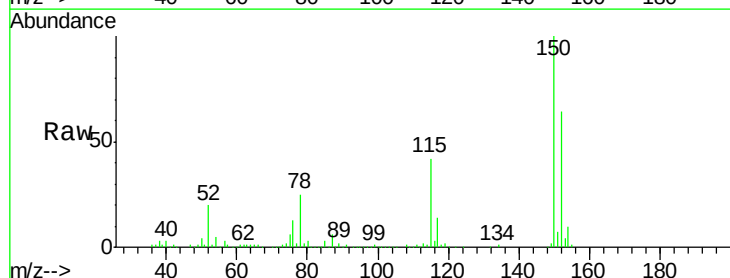
Tgt Ion: 79 Resp: 14941

Ion Ratio Lower Upper

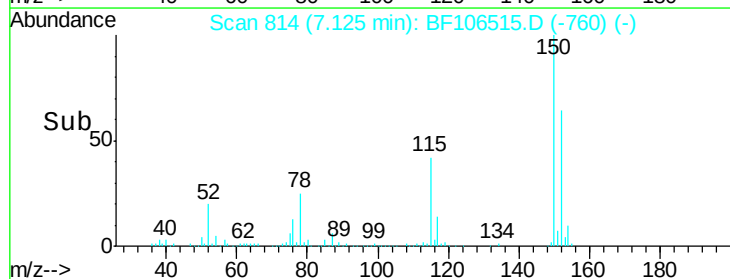
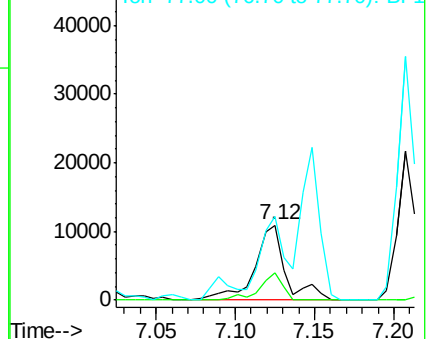
79 100

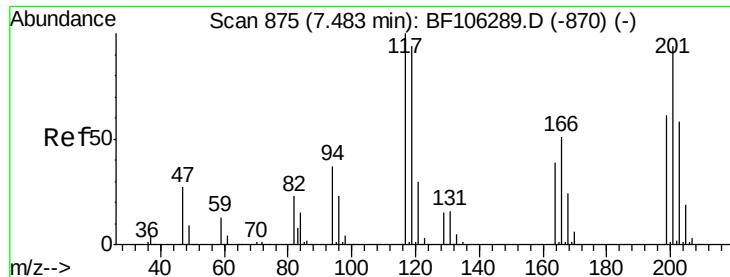
108 36.7 65.1 97.7#

77 110.7 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

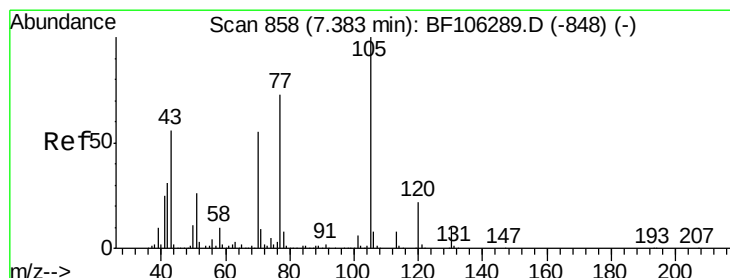
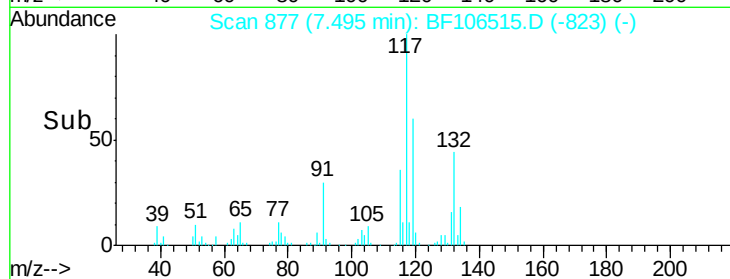
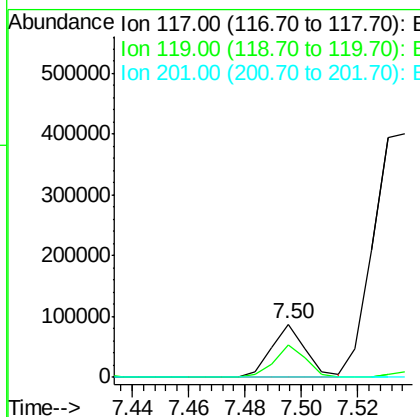
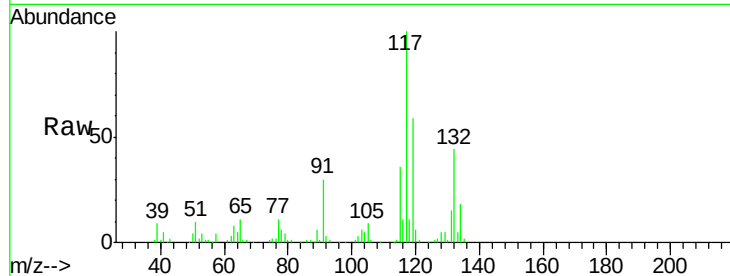




#18
Hexachloroethane
Concen: 24.098 ng
RT: 7.50 min Scan# 877
Delta R.T. 0.02 min
Lab File: BF106515.D
Acq: 16 Jun 2018 2:33

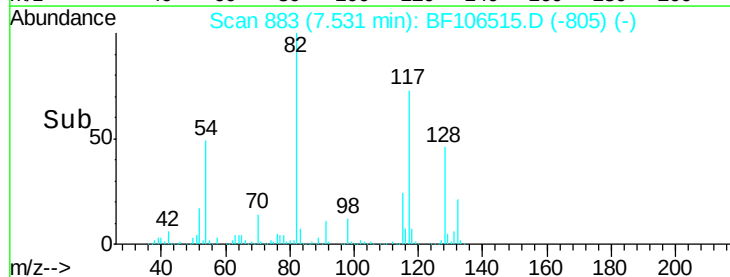
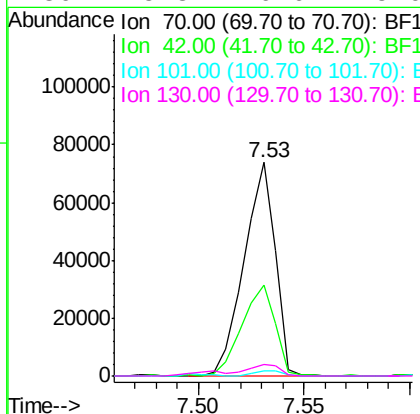
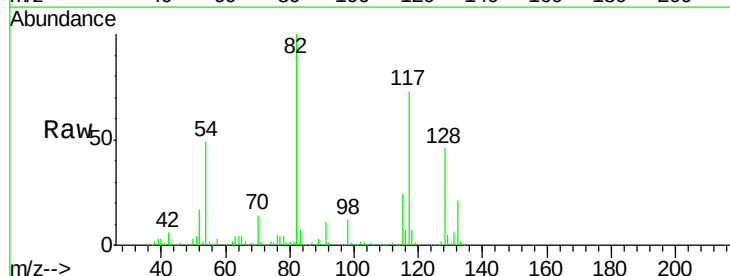
Instrument :
BNA_F
ClientSampleId :
W-33

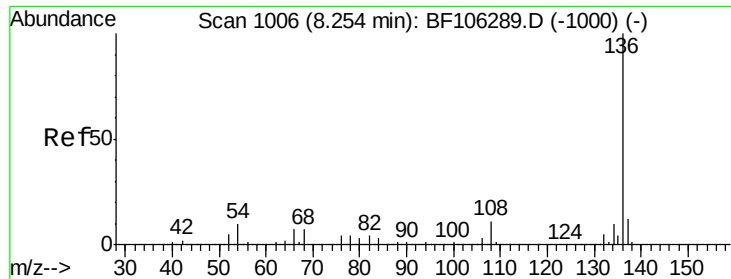
Tgt Ion: 117 Resp: 73343
Ion Ratio Lower Upper
117 100
119 59.4 75.8 113.8#
201 0.0 75.7 113.5#



#19
n-Nitroso-di-n-propylamine
Concen: 11.993 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.16 min
Lab File: BF106515.D
Acq: 16 Jun 2018 2:33

Tgt Ion: 70 Resp: 75598
Ion Ratio Lower Upper
70 100
42 42.4 47.5 71.3#
101 2.2 7.4 11.2#
130 5.3 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: BF106515.D

Acq: 16 Jun 2018 2:33

Instrument :

BNA_F

ClientSampleId :

W-33

Tgt Ion:136 Resp: 383105

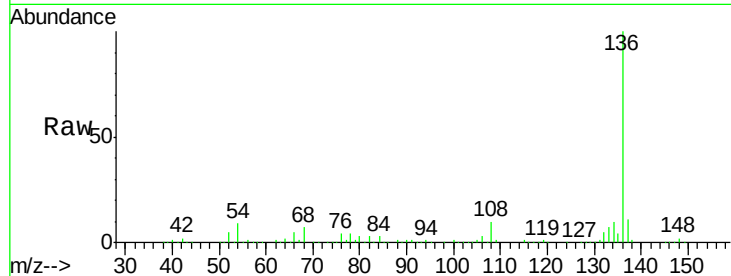
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.9 6.6 9.8

68 7.0 5.0 7.4

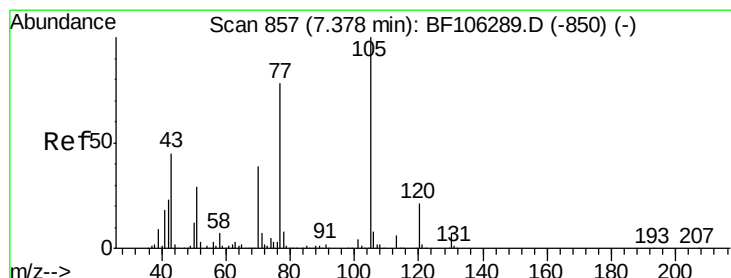
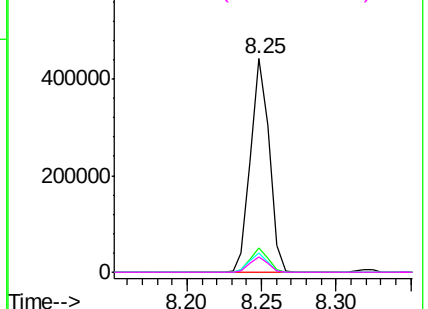
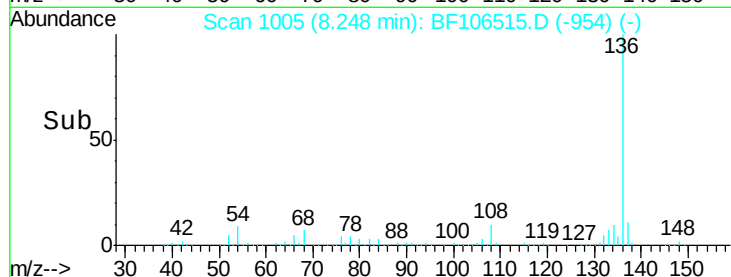


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 9.631 ng

RT: 7.35 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF106515.D

Acq: 16 Jun 2018 2:33

Tgt Ion:105 Resp: 92987

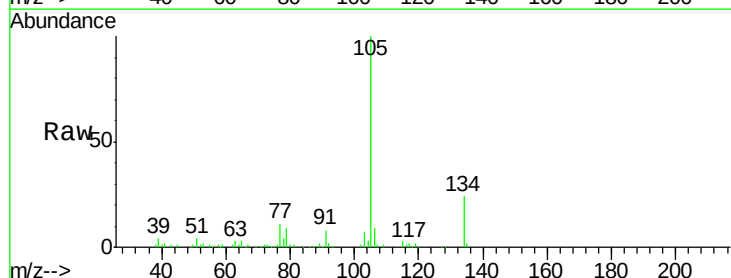
Ion Ratio Lower Upper

105 100

71 0.4 4.4 6.6#

51 4.3 22.3 33.5#

120 0.3 16.9 25.3#

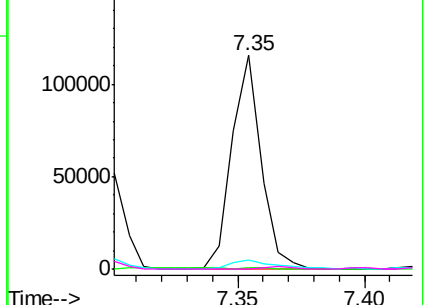
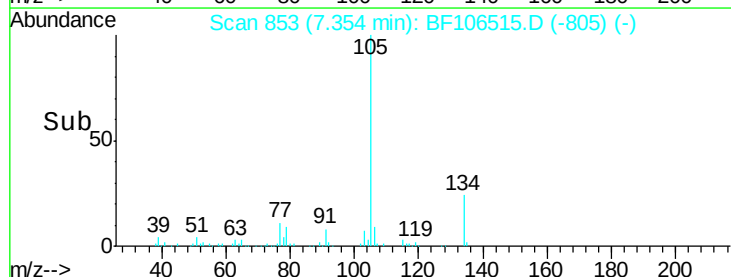


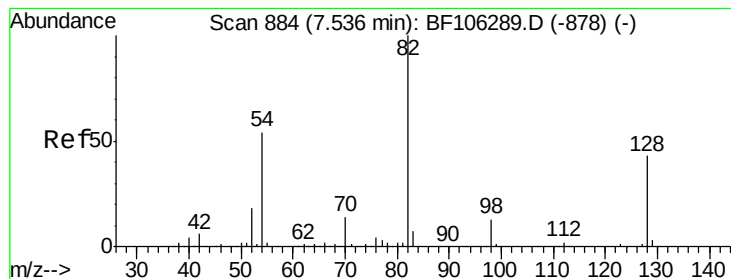
Abundance Ion 105.00 (104.70 to 105.70): E

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: 86.627 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF106515.D

Acq: 16 Jun 2018 2:33

Instrument :

BNA_F

ClientSampleId :

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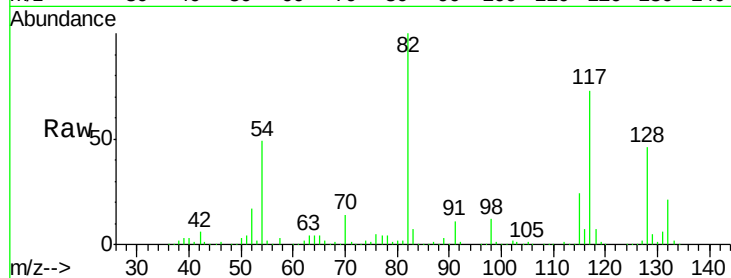
Tgt Ion: 82 Resp: 564134

Ion Ratio Lower Upper

82 100

128 46.0 36.1 54.1

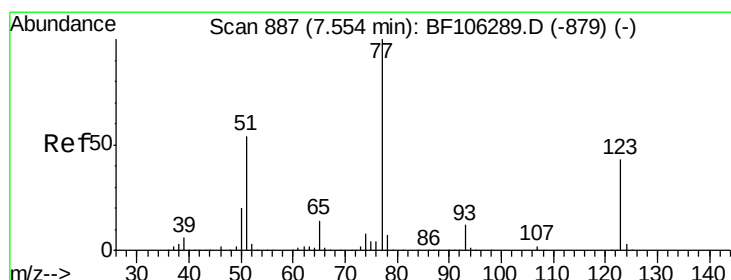
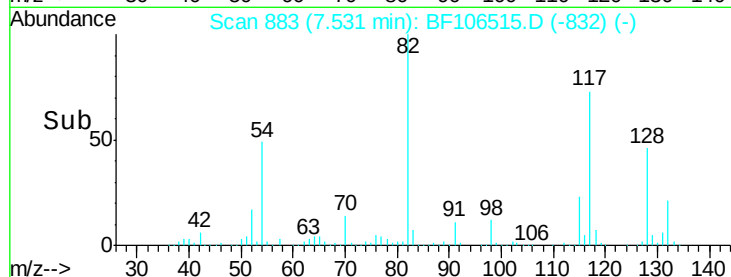
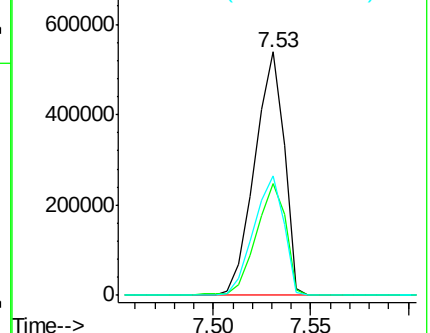
54 49.1 41.4 62.2



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



#24

Nitrobenzene

Concen: 3.020 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.02 min

Lab File: BF106515.D

Acq: 16 Jun 2018 2:33

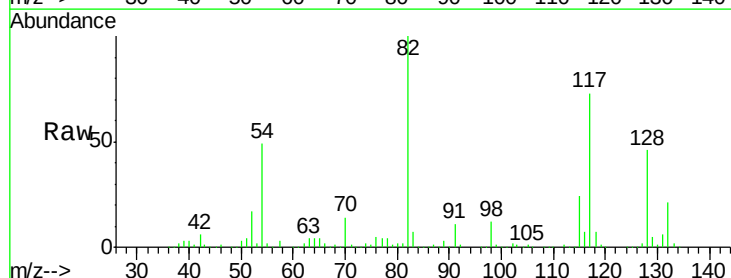
Tgt Ion: 77 Resp: 21375

Ion Ratio Lower Upper

77 100

123 0.0 37.9 56.9#

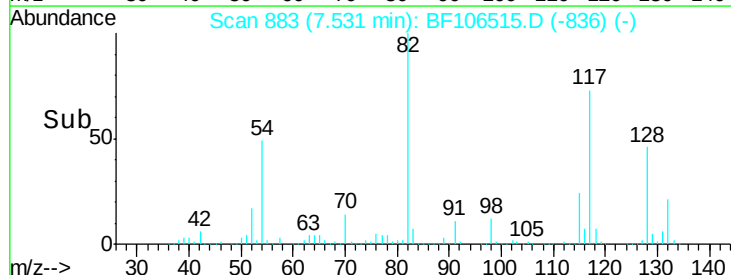
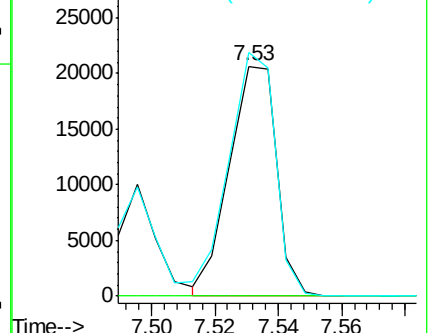
65 106.0 11.0 16.4#

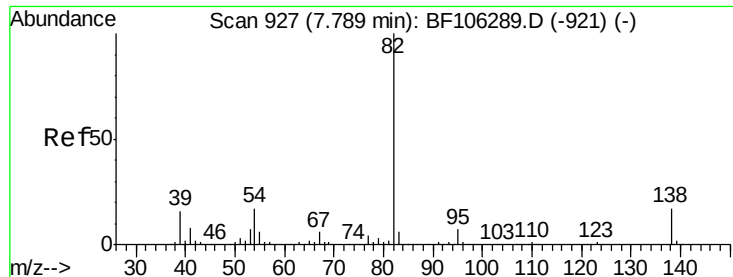


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

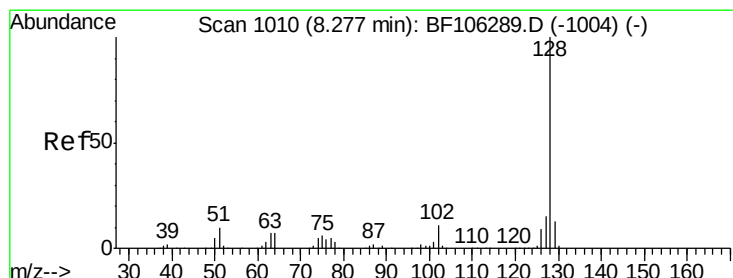
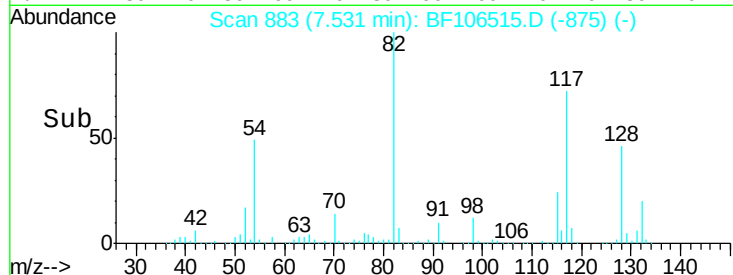
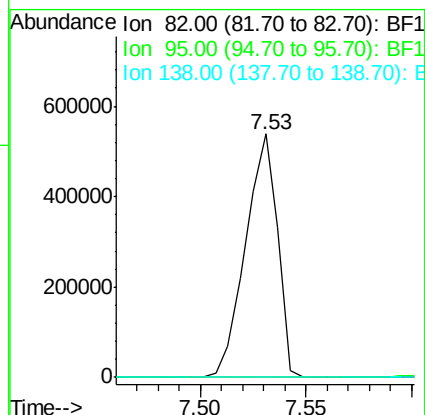
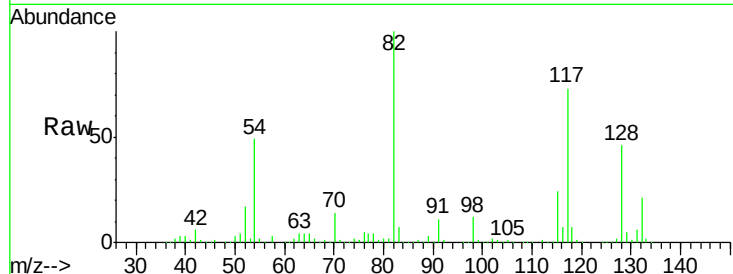




#25
Isophorone
Concen: 44.350 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.25 min
Lab File: BF106515.D
Acq: 16 Jun 2018 2:33

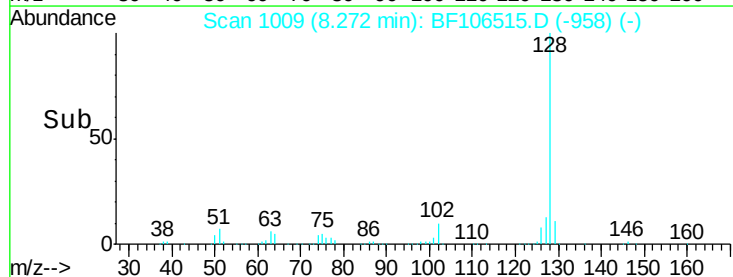
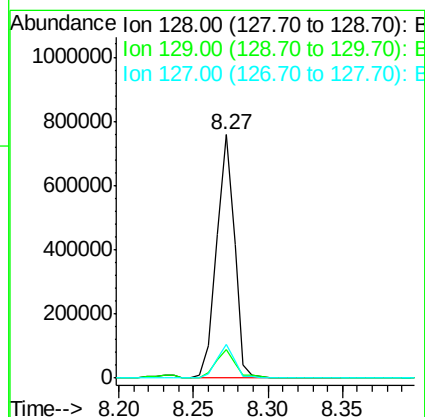
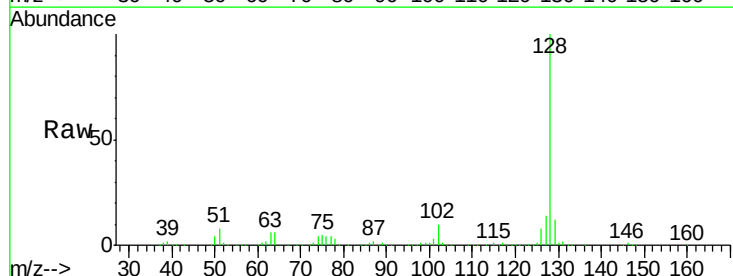
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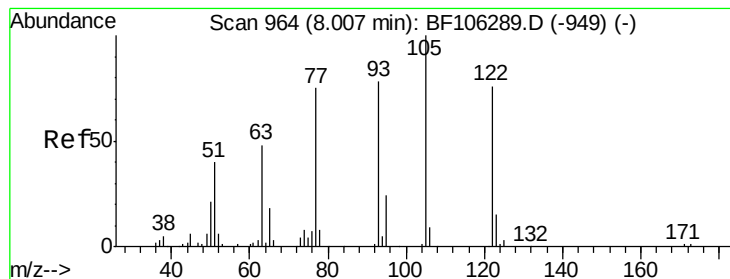
Tgt Ion: 82 Resp: 564124
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#31
Naphthalene
Concen: 36.702 ng
RT: 8.27 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF106515.D
Acq: 16 Jun 2018 2:33

Tgt Ion: 128 Resp: 635624
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 13.7 10.9 16.3





#32

Benzoic acid

Concen: 7.939 ng

RT: 8.01 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF106515.D

Acq: 16 Jun 2018 2:33

Instrument :

BNA_F

ClientSampleId :

W-33

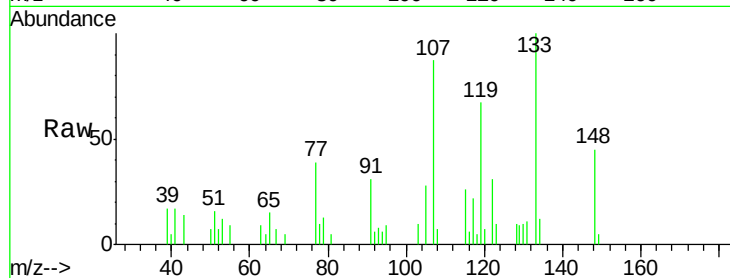
Tgt Ion:122 Resp: 3044

Ion Ratio Lower Upper

122 100

105 89.0 101.1 141.1#

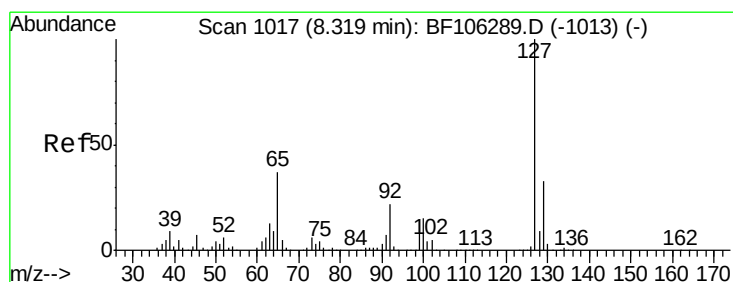
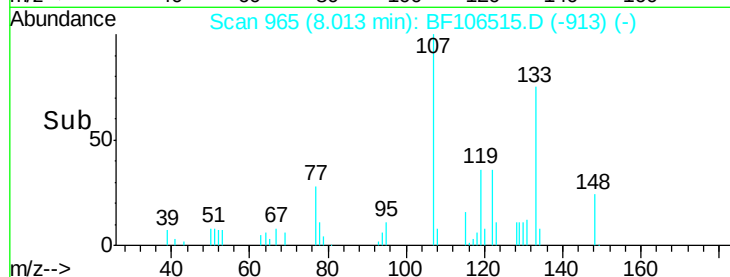
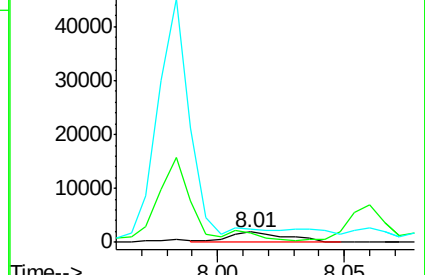
77 127.4 70.7 110.7#



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



#33

4-Chloroaniline

Concen: 11.422 ng

RT: 8.27 min Scan# 1009

Delta R.T. -0.05 min

Lab File: BF106515.D

Acq: 16 Jun 2018 2:33

Tgt Ion:127 Resp: 87662

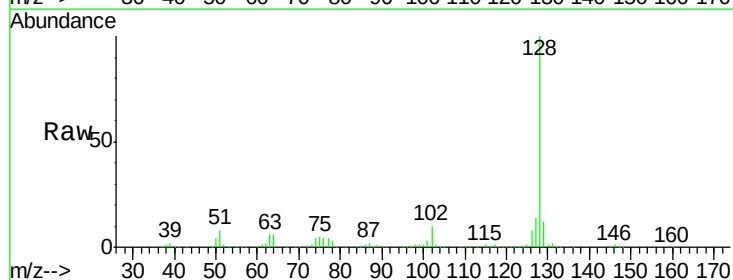
Ion Ratio Lower Upper

127 100

129 85.3 25.9 38.9#

65 0.0 25.0 37.4#

92 0.0 15.2 22.8#

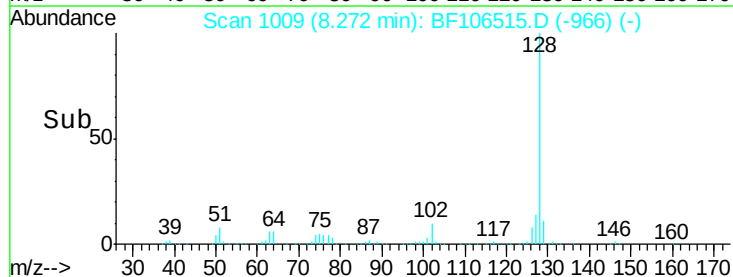
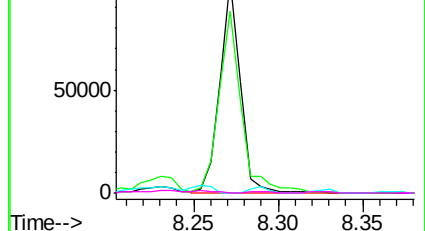


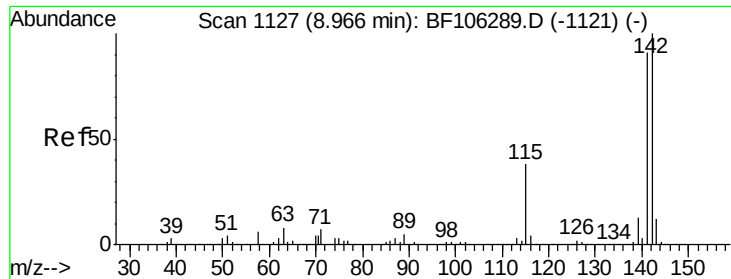
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

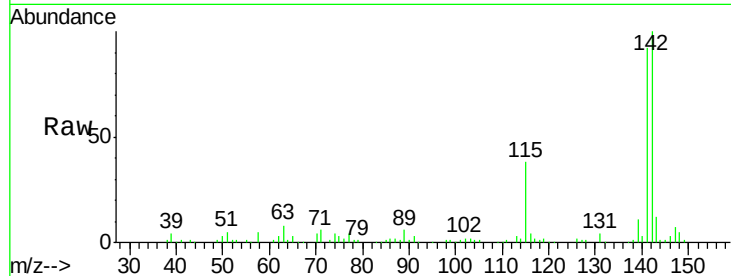




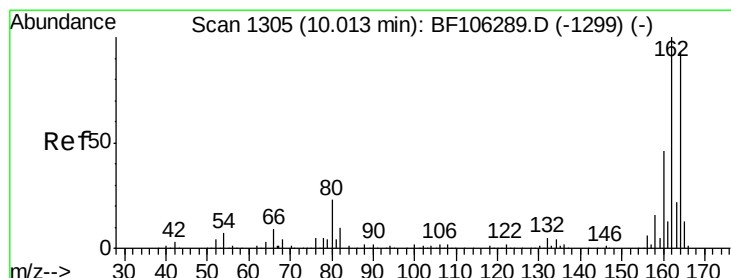
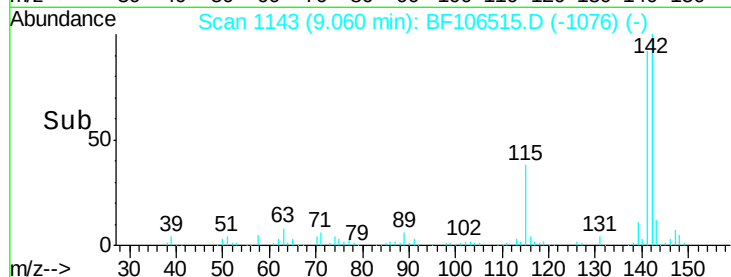
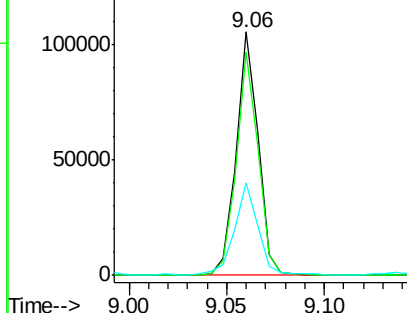
#37
2-Methylnaphthalene
Concen: 6.950 ng
RT: 9.06 min Scan# 1143
Delta R.T. 0.09 min
Lab File: BF106515.D
Acq: 16 Jun 2018 2:33

Instrument :
BNA_F
ClientSampleId :
W-33

Tgt Ion:142 Resp: 81975
Ion Ratio Lower Upper
142 100
141 91.6 70.8 106.2
115 37.8 26.1 39.1

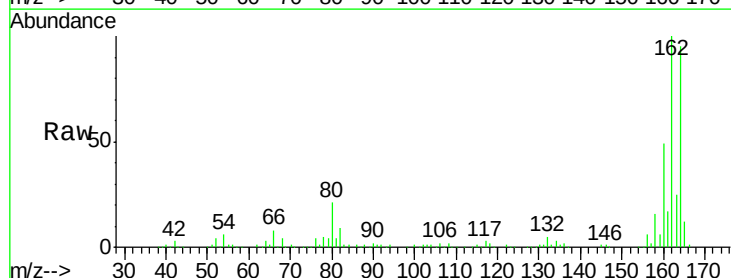


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

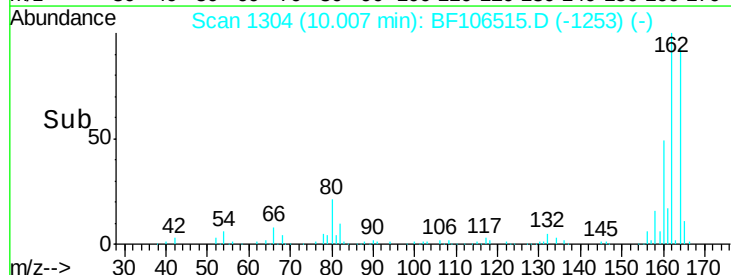
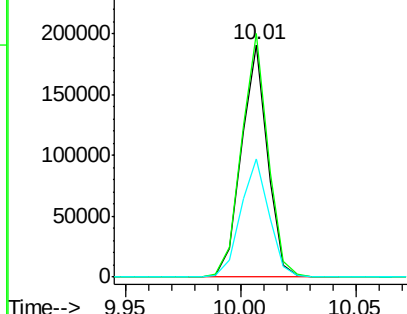


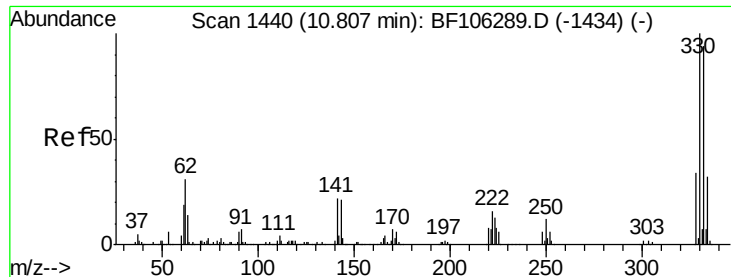
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF106515.D
Acq: 16 Jun 2018 2:33

Tgt Ion:164 Resp: 150900
Ion Ratio Lower Upper
164 100
162 104.9 86.1 129.1
160 51.0 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

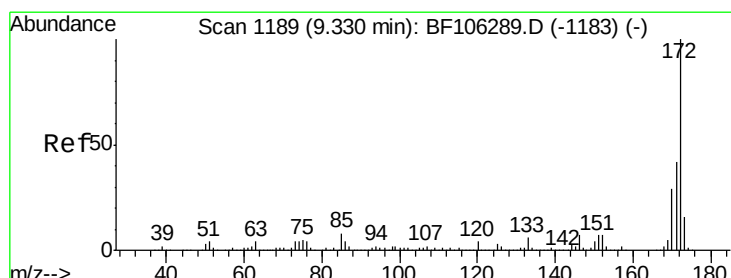
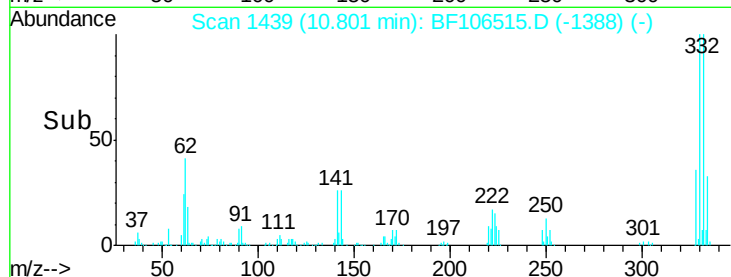
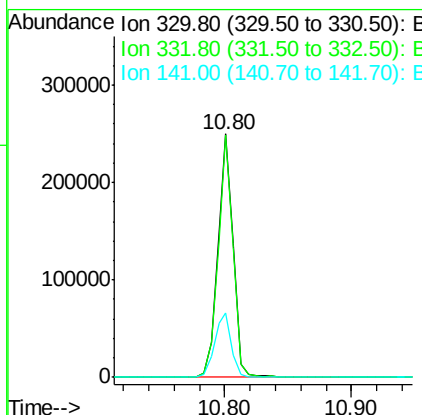
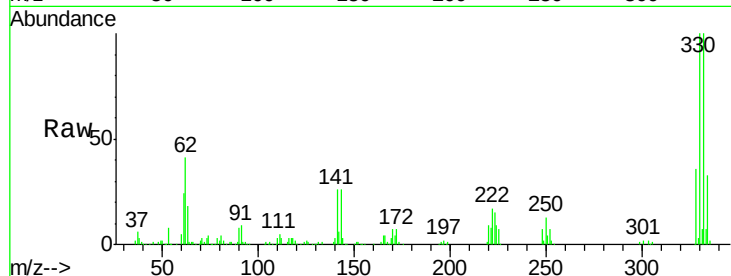




#41
 2,4,6-Tribromophenol
 Concen: 146.685 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106515.D
 Acq: 16 Jun 2018 2:33

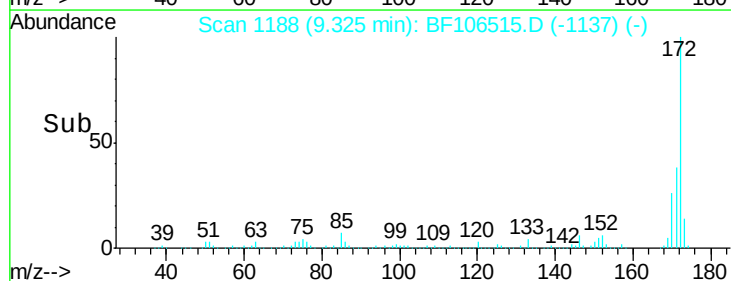
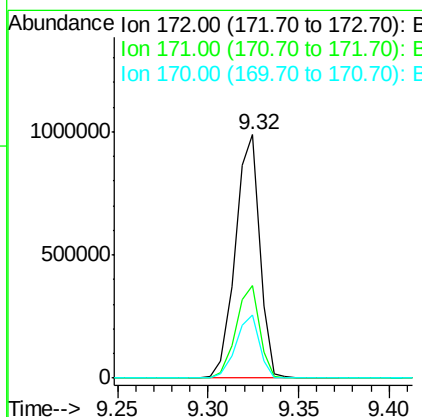
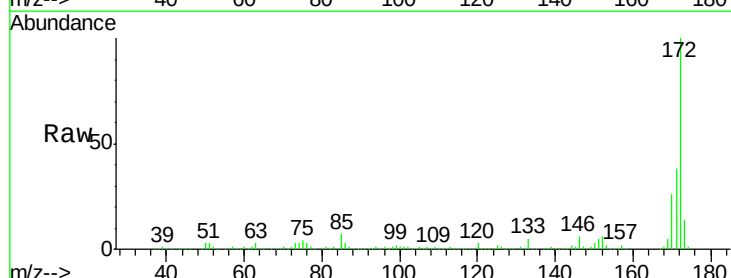
Instrument :
 BNA_F
 ClientSampleId :
 W-33

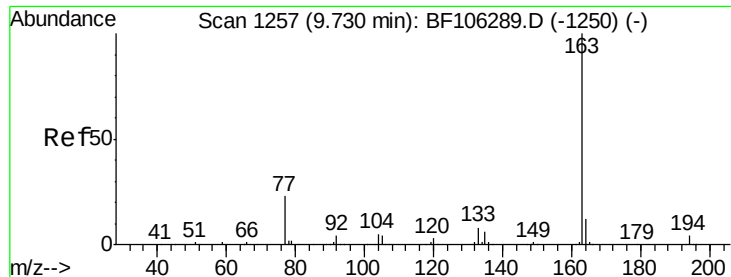
Tgt Ion:330 Resp: 212975
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 28.8 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 125.625 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF106515.D
 Acq: 16 Jun 2018 2:33

Tgt Ion:172 Resp: 923561
 Ion Ratio Lower Upper
 172 100
 171 38.1 29.7 44.5
 170 26.2 19.6 29.4

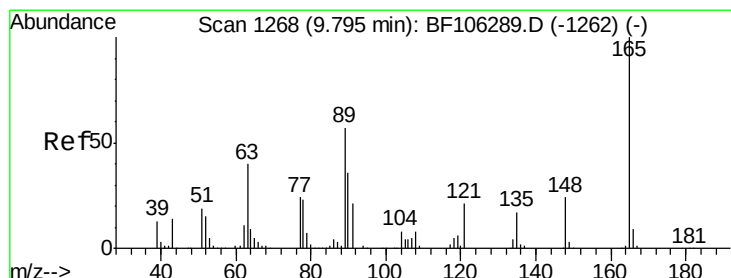
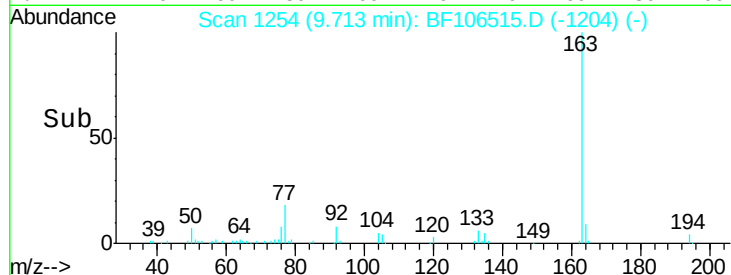
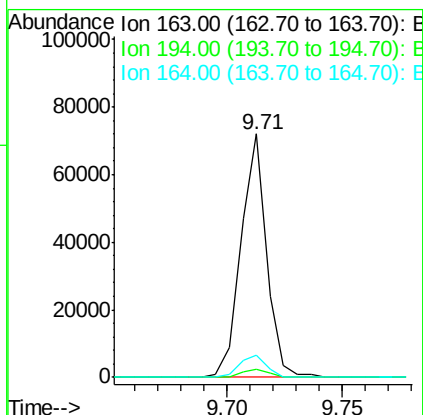
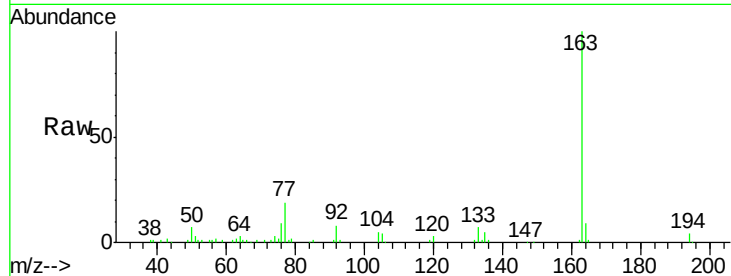




#49
 Dimethylphthalate
 Concen: 5.173 ng
 RT: 9.71 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF106515.D
 Acq: 16 Jun 2018 2:33

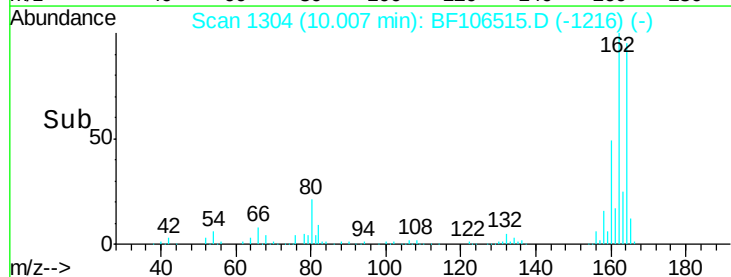
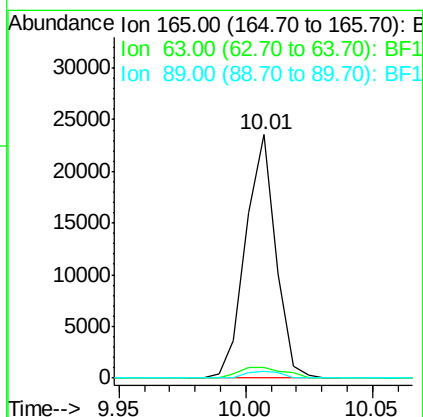
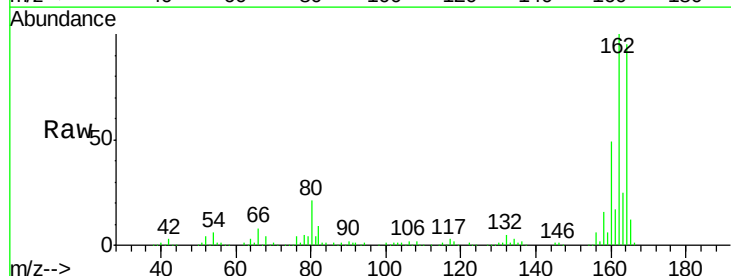
Instrument :
 BNA_F
 ClientSampleId :
 W-33

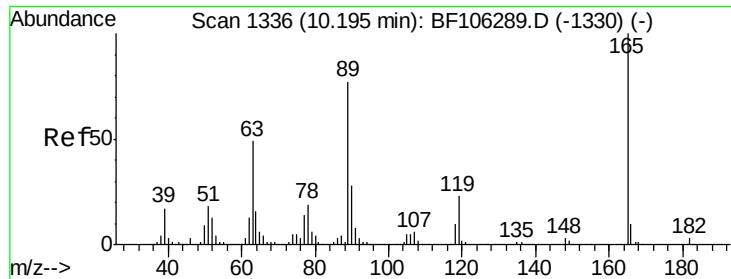
Tgt Ion:163 Resp: 55766
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.7 4.1
 164 9.1 8.2 12.2



#50
 2,6-Dinitrotoluene
 Concen: 8.843 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. 0.22 min
 Lab File: BF106515.D
 Acq: 16 Jun 2018 2:33

Tgt Ion:165 Resp: 19475
 Ion Ratio Lower Upper
 165 100
 63 4.2 44.7 67.1#
 89 3.0 44.0 66.0#

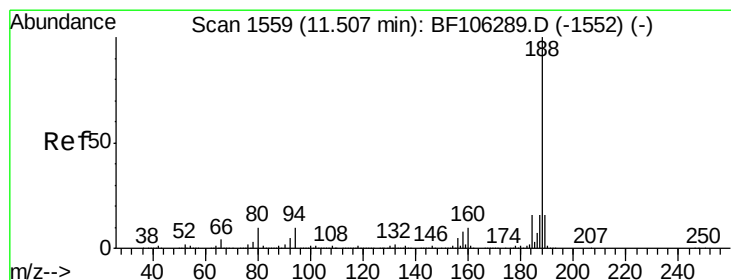
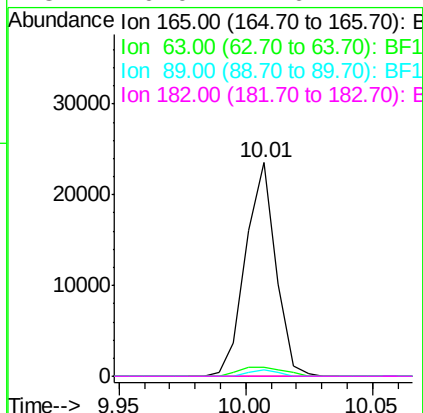
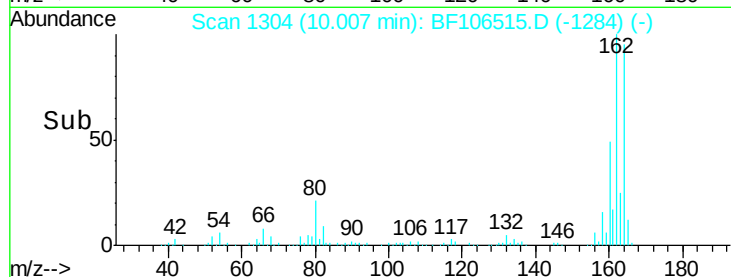
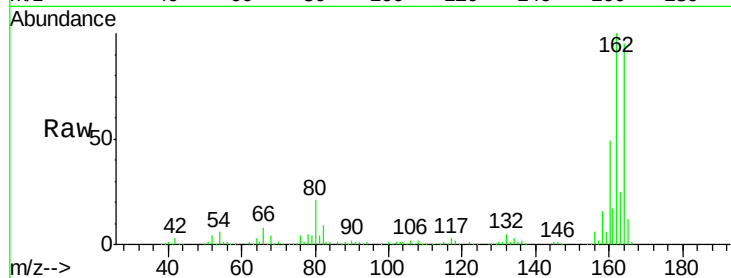




#56
2,4-Dinitrotoluene
Concen: 7.042 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.18 min
Lab File: BF106515.D
Acq: 16 Jun 2018 2:33

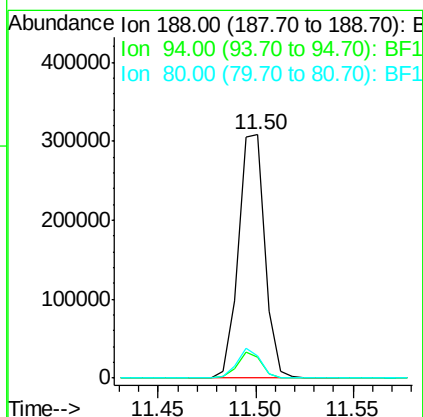
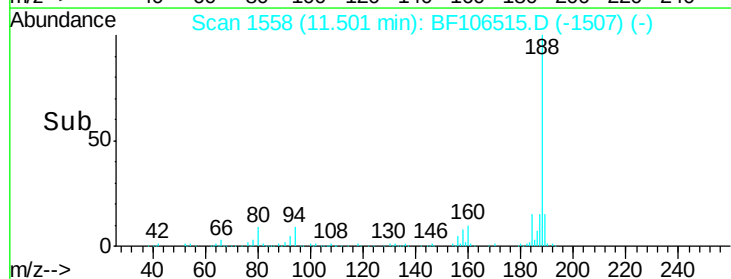
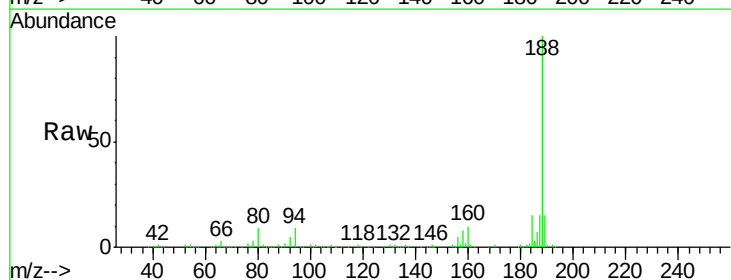
Instrument :
BNA_F
ClientSampleId :
W-33

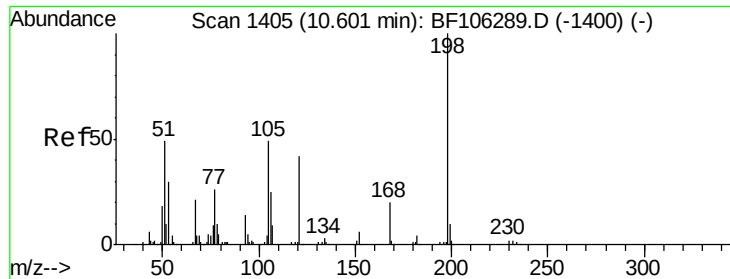
Tgt Ion:	165	Resp:	19475
Ion Ratio	Lower	Upper	
165	100		
63	4.2	36.4	54.6#
89	3.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF106515.D
Acq: 16 Jun 2018 2:33

Tgt Ion:	188	Resp:	288782
Ion Ratio	Lower	Upper	
188	100		
94	8.6	8.5	12.7
80	9.2	9.2	13.8#

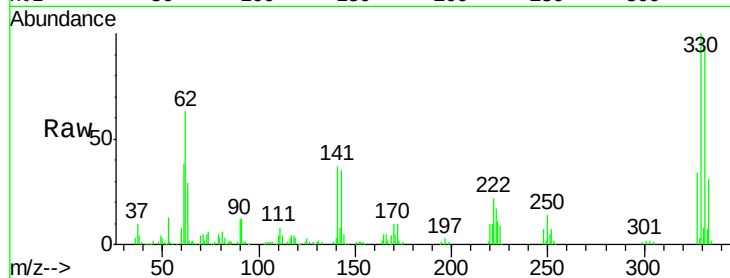




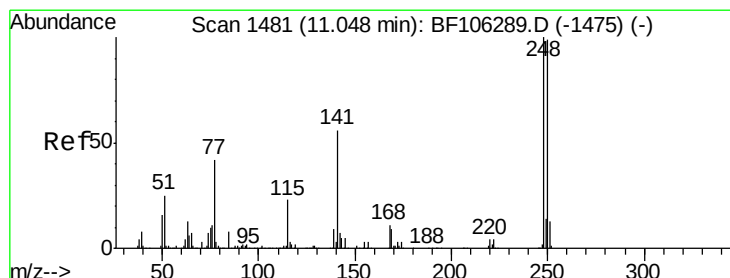
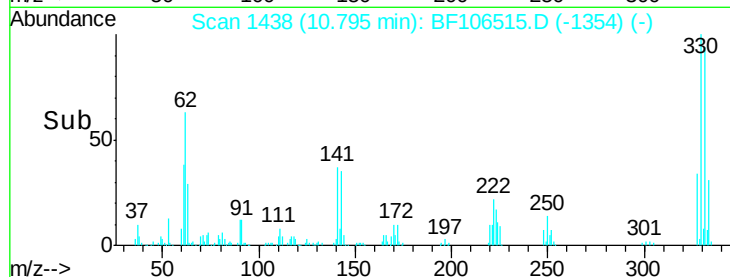
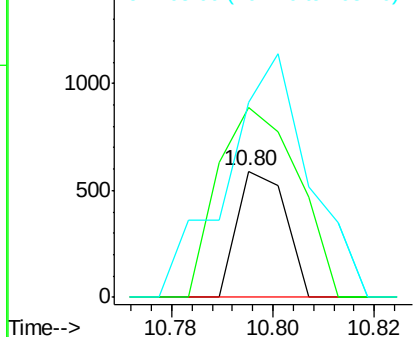
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.515 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. 0.19 min
 Lab File: BF106515.D
 Acq: 16 Jun 2018 2:33

Instrument :
 BNA_F
 ClientSampleId :
 W-33

Tgt Ion:198 Resp: 394
 Ion Ratio Lower Upper
 198 100
 51 150.8 37.7 77.7#
 105 155.3 36.3 76.3#

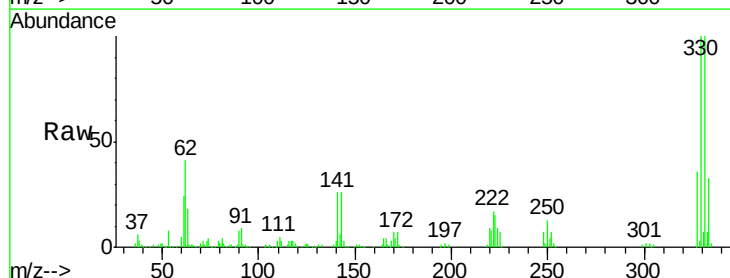


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

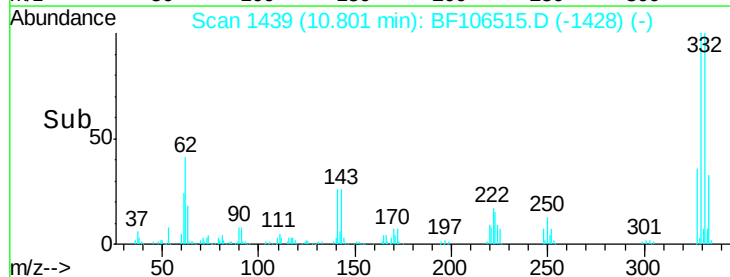
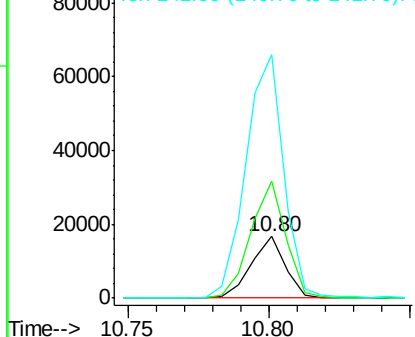


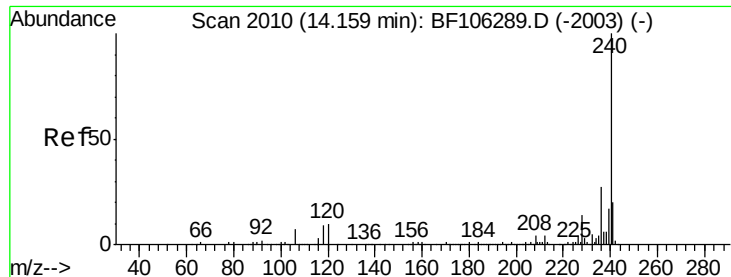
#66
 4-Bromophenyl-phenylether
 Concen: 4.219 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.24 min
 Lab File: BF106515.D
 Acq: 16 Jun 2018 2:33

Tgt Ion:248 Resp: 13857
 Ion Ratio Lower Upper
 248 100
 250 189.7 76.9 115.3#
 141 396.6 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: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106515.D

Acq: 16 Jun 2018 2:33

Instrument :

BNA_F

ClientSampleId :

W-33

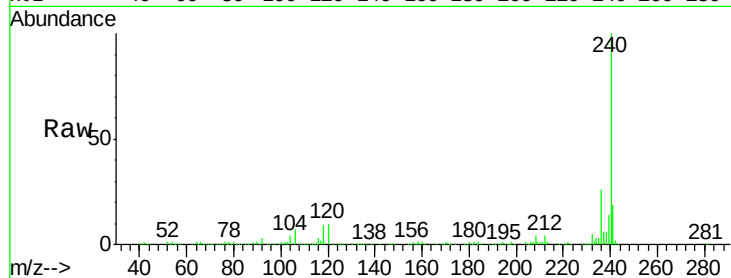
Tgt Ion:240 Resp: 306003

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

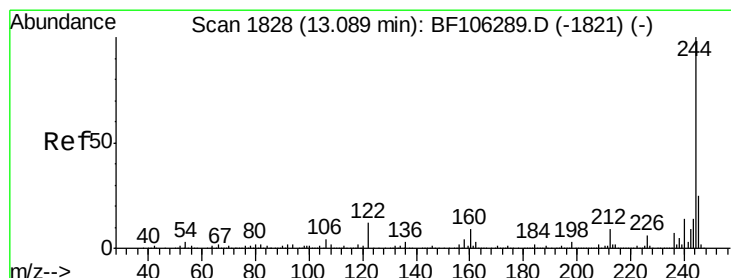
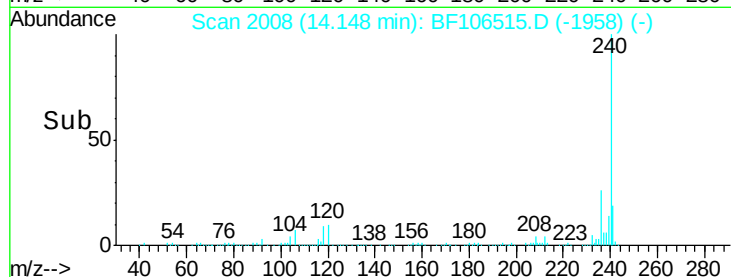
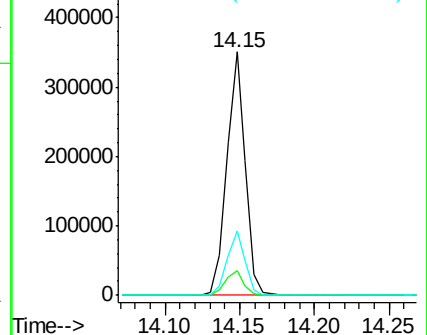
236 26.5 20.7 31.1



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: 89.748 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106515.D

Acq: 16 Jun 2018 2:33

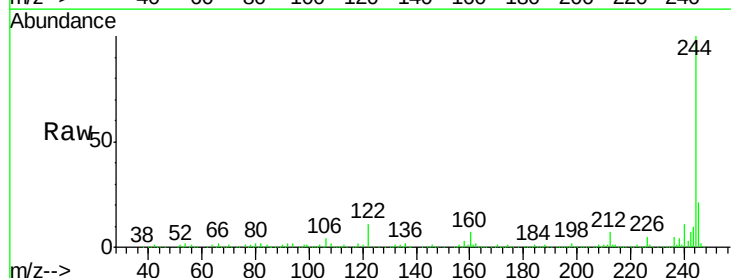
Tgt Ion:244 Resp: 1105702

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

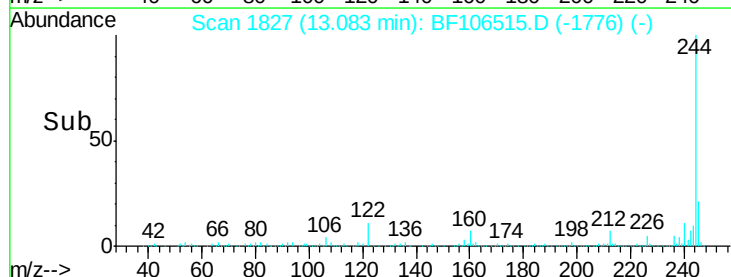
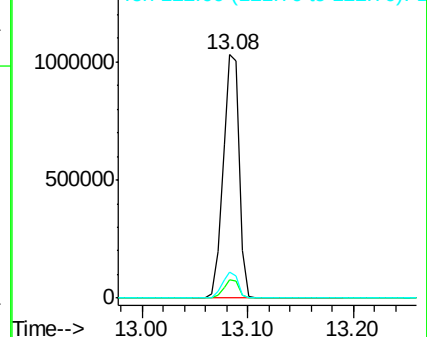
122 10.9 11.0 16.4#

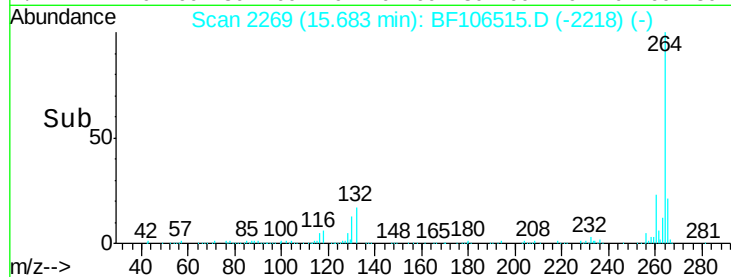
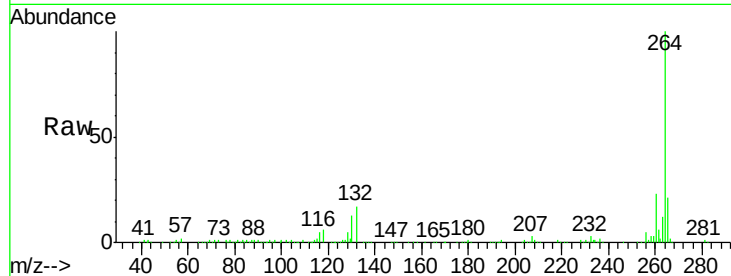
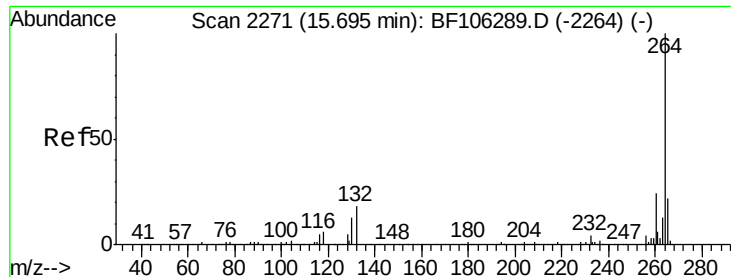


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF106515.D

Acq: 16 Jun 2018 2:33

Instrument :

BNA_F

ClientSampleId :

W-33

Tgt Ion: 264 Resp: 213083

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 20.9 17.5 26.3

