

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106434.D
 Acq On : 14 Jun 2018 11:02
 Operator : JU/SJ
 Sample : PB110241BL
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 11:29:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 14 11:27:54 2018
 Response via : Initial Calibration

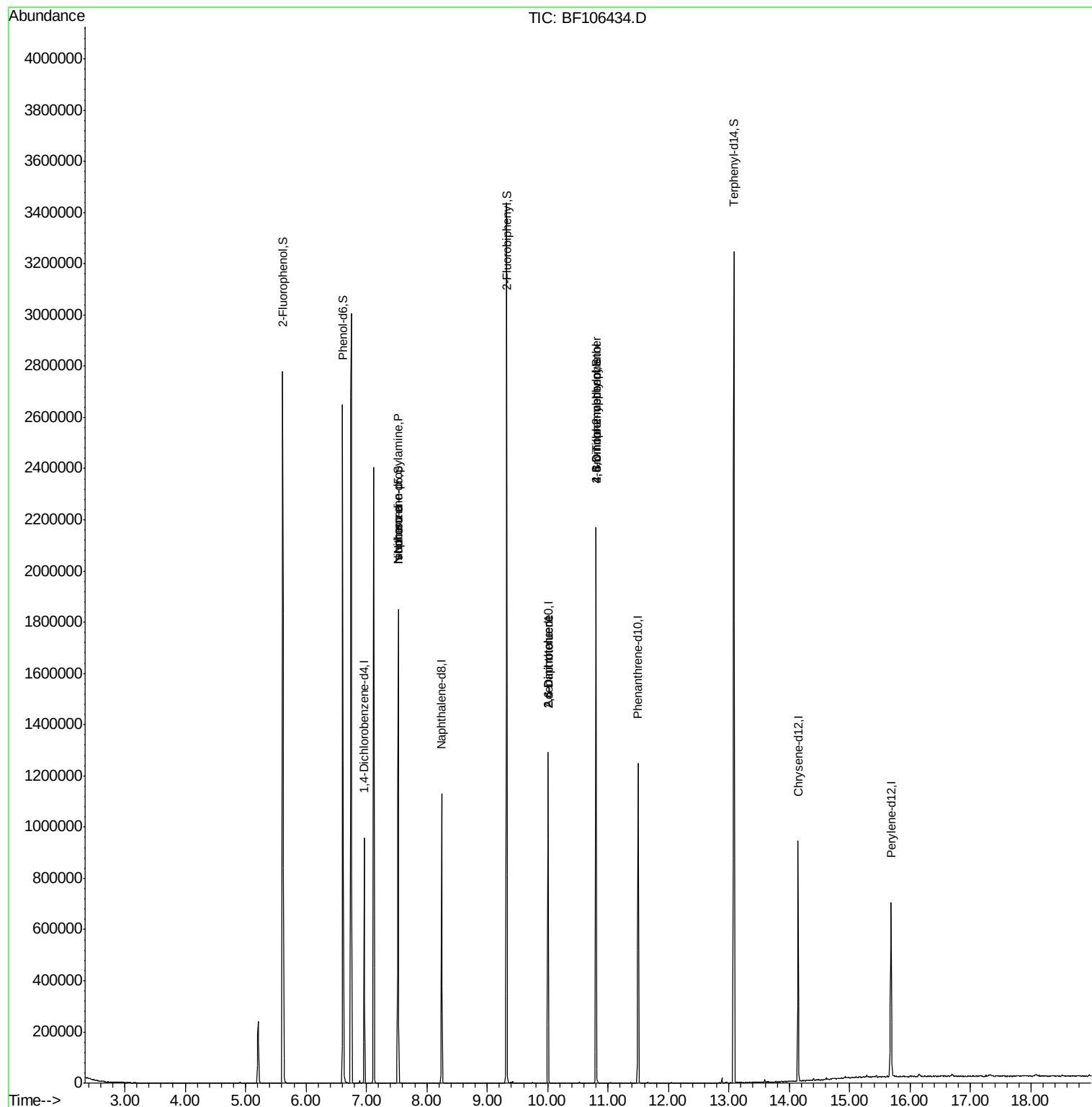
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	127161	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	487313	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	232942	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	444247	20.00	ng	0.00
75) Chrysene-d12	14.15	240	323208	20.00	ng	0.00
86) Perylene-d12	15.68	264	319791	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	818135	108.89	ng	0.00
7) Phenol-d6	6.61	99	989691	104.26	ng	-0.01
23) Nitrobenzene-d5	7.52	82	660912	79.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	280320	125.07	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1143195	88.19	ng	0.00
78) Terphenyl-d14	13.08	244	1127474	86.64	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	89859	12.618	ng	# 75
25) Isophorone	7.52	82	660906	40.848	ng	# 64
50) 2,6-Dinitrotoluene	10.01	165	29931	8.805	ng	# 25
56) 2,4-Dinitrotoluene	10.01	165	29931	7.011	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	596	6.511	ng	# 31
66) 4-Bromophenyl-phenylether	10.80	248	18190	3.600	ng	# 1

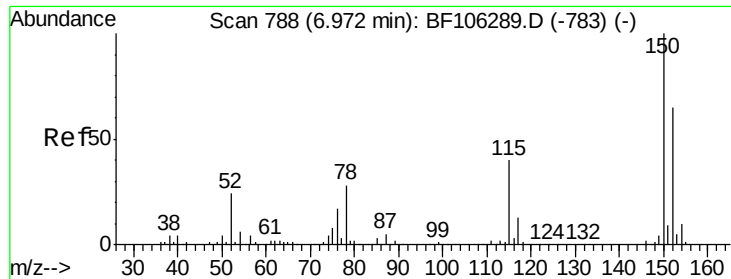
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 47 Sample Multiplier: 1

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BNA_F
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Quant Time: Jun 14 11:29:33 2018
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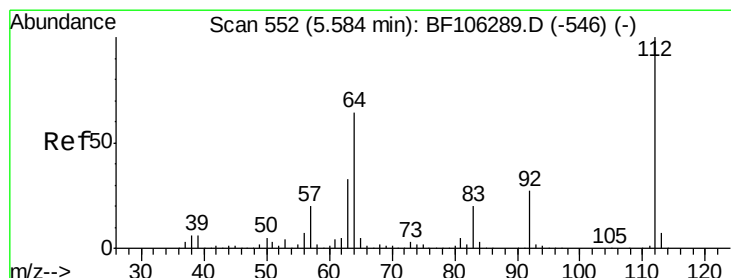
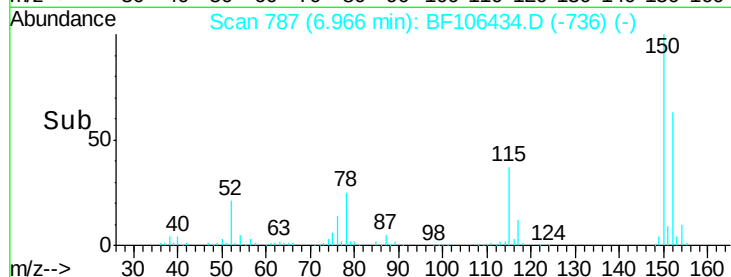
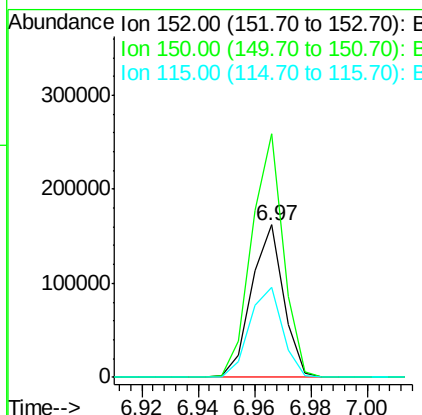
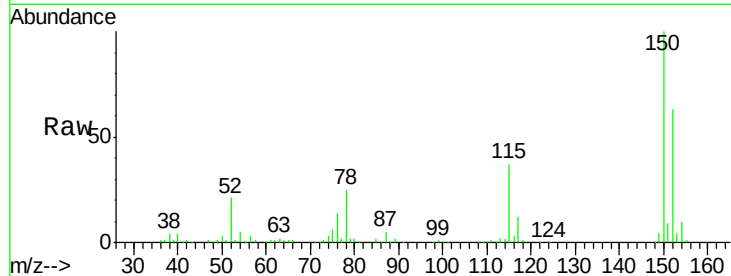




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF106434.D
 Acq: 14 Jun 2018 11:02

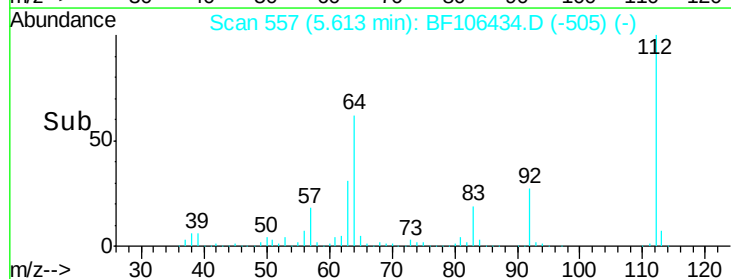
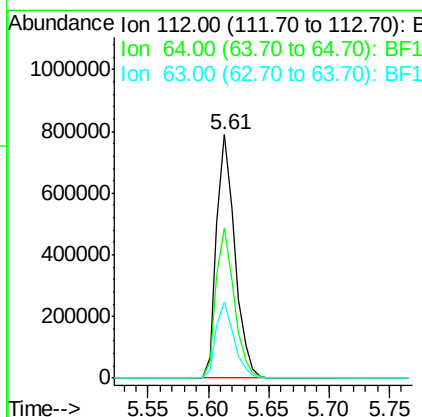
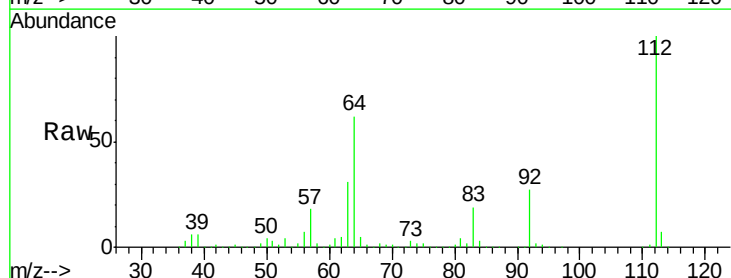
Instrument :
 BNA_F
 ClientSampleId :

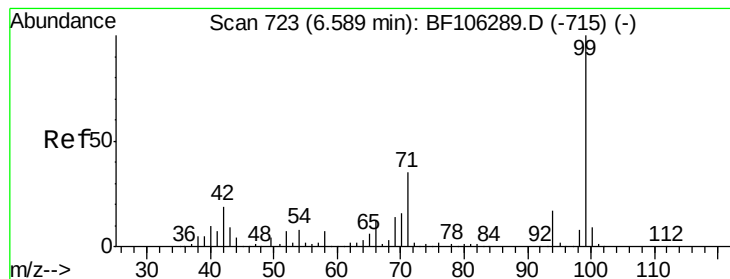
Tot Ion:152 Resp: 127161
 Ion Ratio Lower Upper
 152 100
 150 159.5 124.6 186.8
 115 58.6 50.1 75.1



#5
 2-Fluorophenol
 Concen: 108.893 ng
 RT: 5.61 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: BF106434.D
 Acq: 14 Jun 2018 11:02

Tgt Ion:112 Resp: 818135
 Ion Ratio Lower Upper
 112 100
 64 61.7 47.9 71.9
 63 31.0 23.7 35.5





#7

Phenol-d6

Concen: 104.263 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106434.D

Acq: 14 Jun 2018 11:02

Instrument :

BNA_F

ClientSampleId :

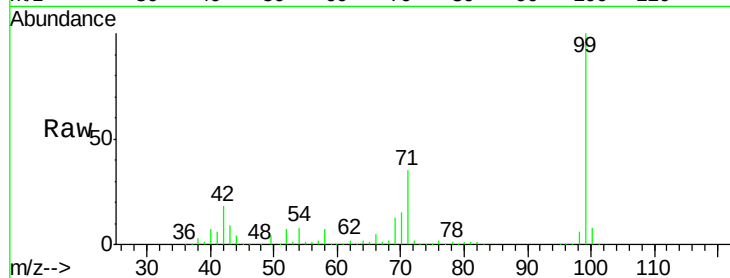
Tot Ion: 99 Resp: 989691

Ion Ratio Lower Upper

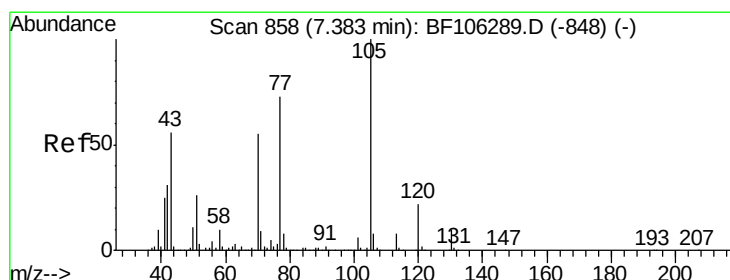
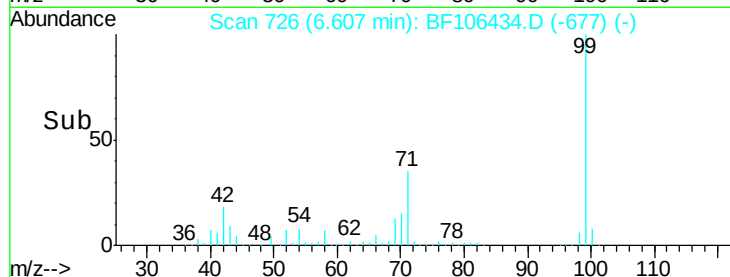
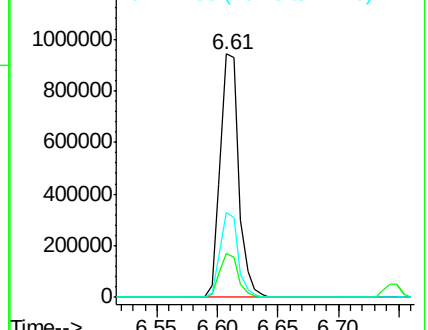
99 100

42 18.0 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



#19

n-Nitroso-di-n-propylamine

Concen: 12.618 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.14 min

Lab File: BF106434.D

Acq: 14 Jun 2018 11:02

Tgt Ion: 70 Resp: 89859

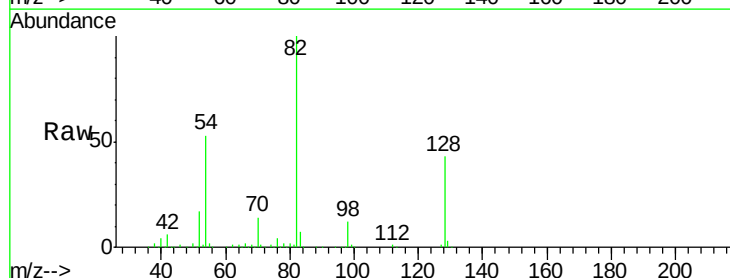
Ion Ratio Lower Upper

70 100

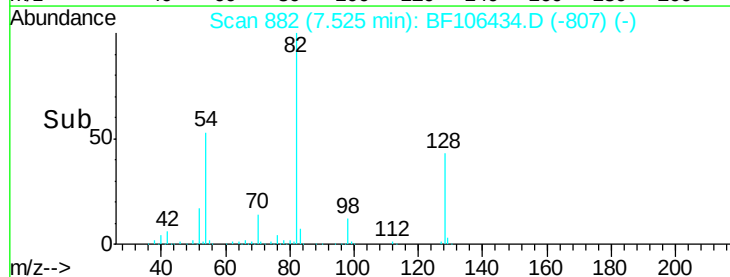
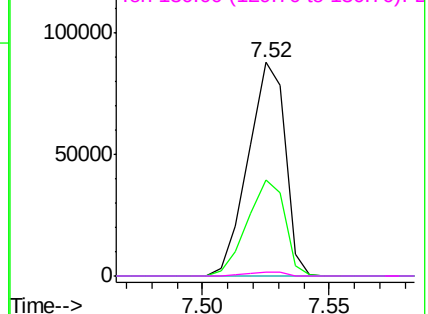
42 45.2 47.5 71.3#

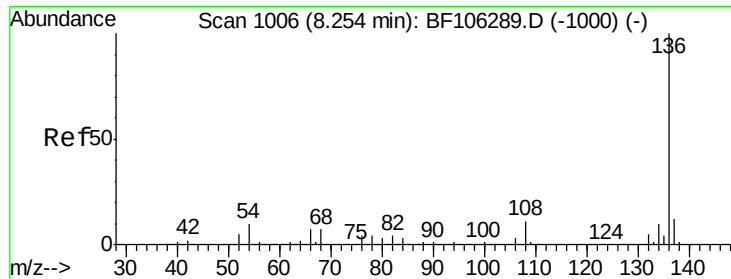
101 0.0 7.4 11.2#

130 2.0 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

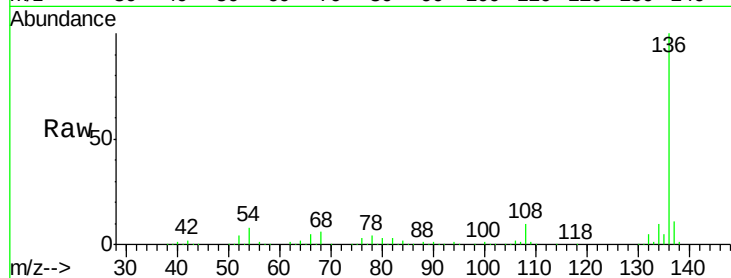




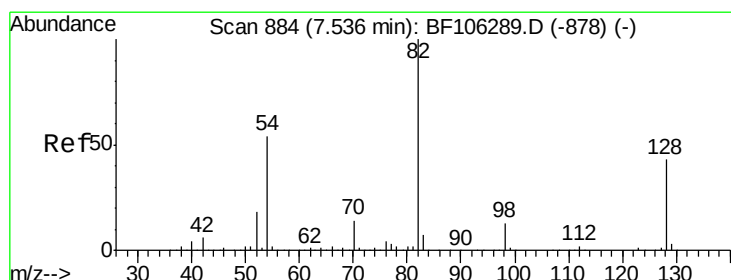
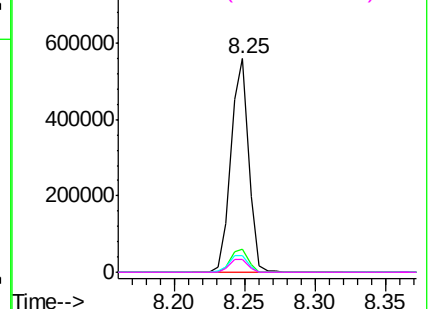
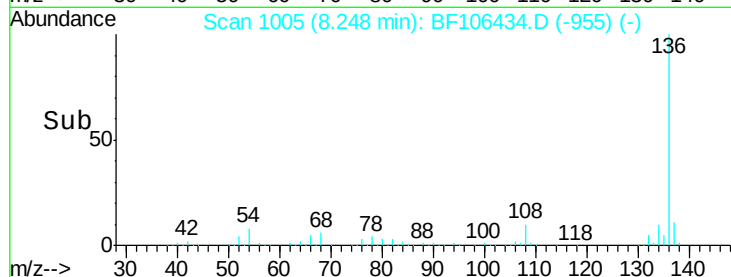
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106434.D
Acq: 14 Jun 2018 11:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	487313
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.8	6.6	9.8
68	6.2	5.0	7.4

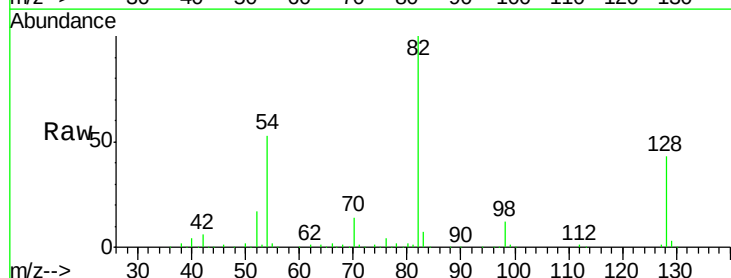


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

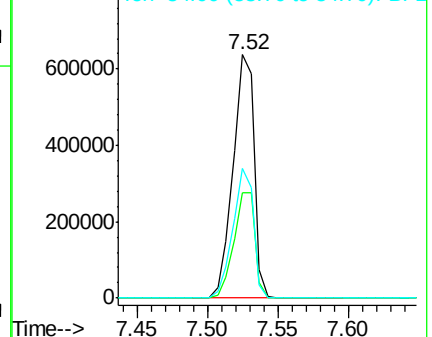
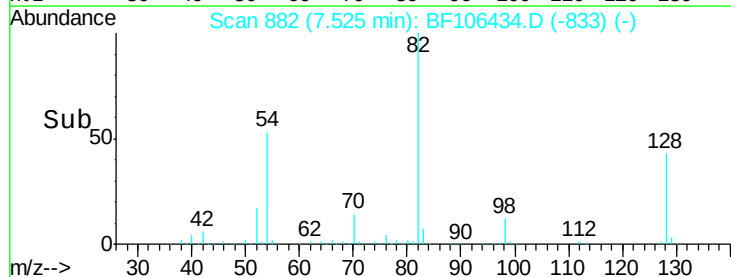


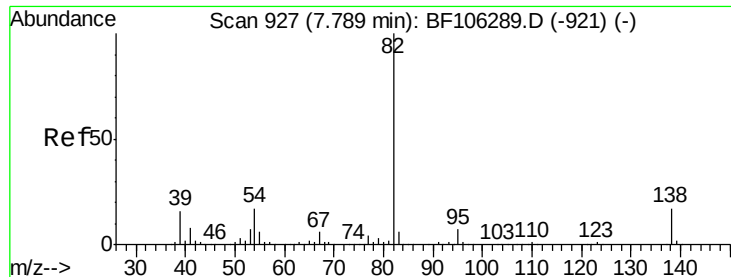
#23
Nitrobenzene-d5
Concen: 79.785 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106434.D
Acq: 14 Jun 2018 11:02

Tgt Ion:	82	Resp:	660912
Ion	Ratio	Lower	Upper
82	100		
128	43.3	36.1	54.1
54	53.0	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





#25

Isophorone

Concen: 40.848 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106434.D

Acq: 14 Jun 2018 11:02

Instrument :

BNA_F

ClientSampleId :

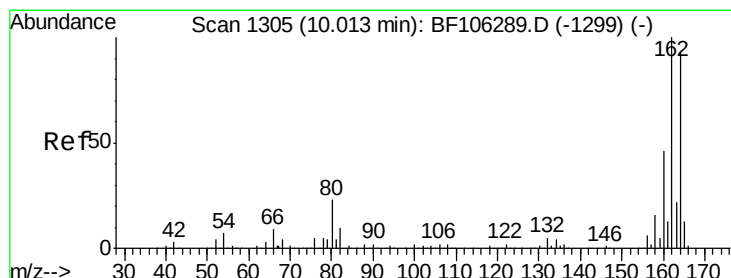
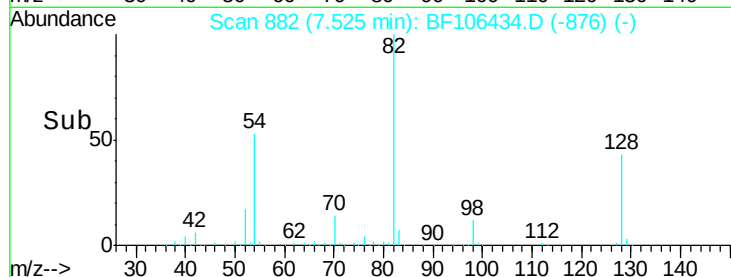
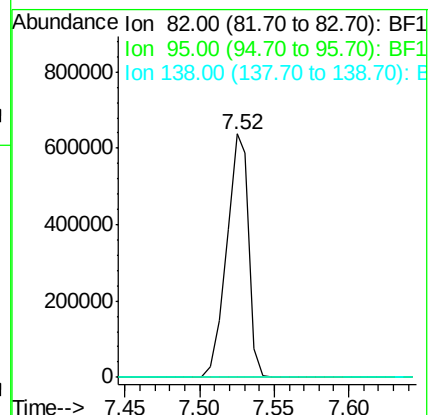
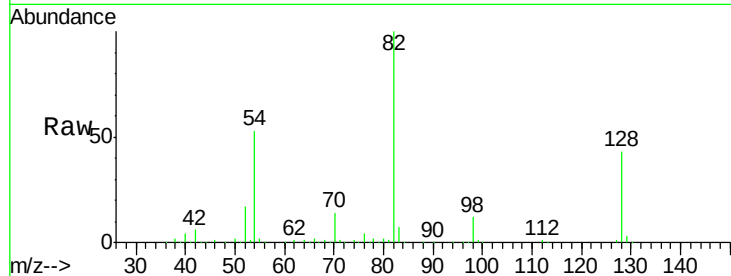
Tot Ion: 82 Resp: 660906

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF106434.D

Acq: 14 Jun 2018 11:02

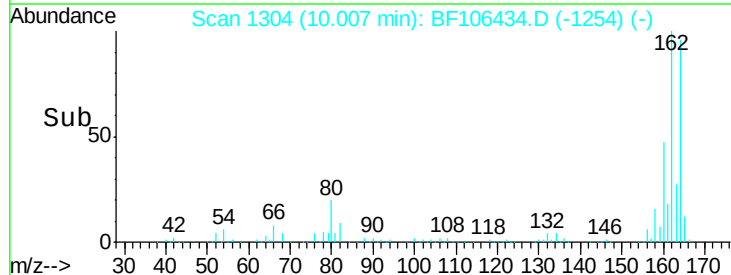
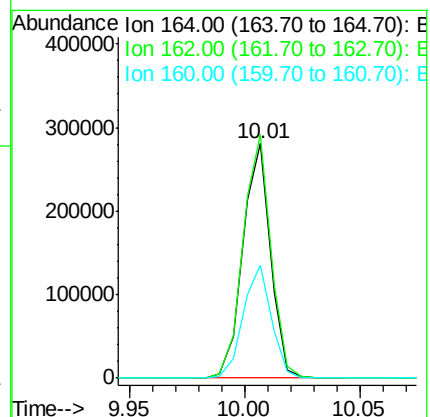
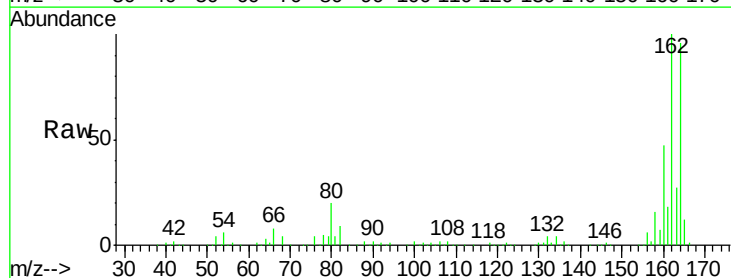
Tgt Ion: 164 Resp: 232942

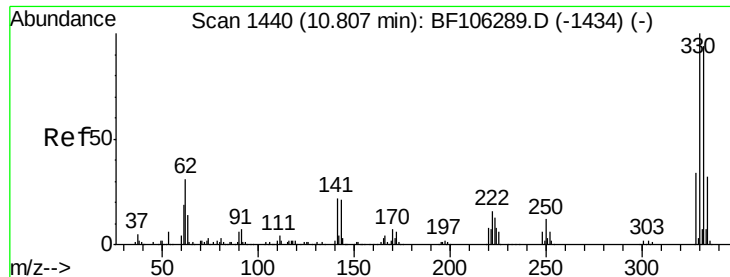
Ion Ratio Lower Upper

164 100

162 103.9 86.1 129.1

160 48.3 38.3 57.5

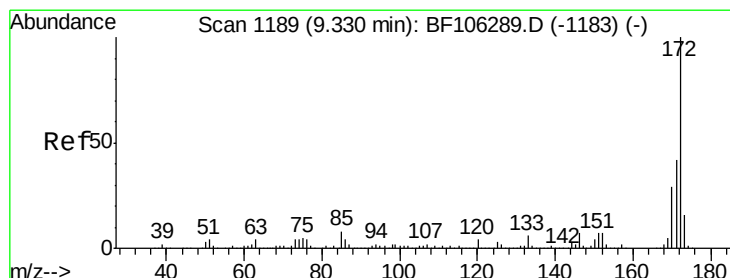
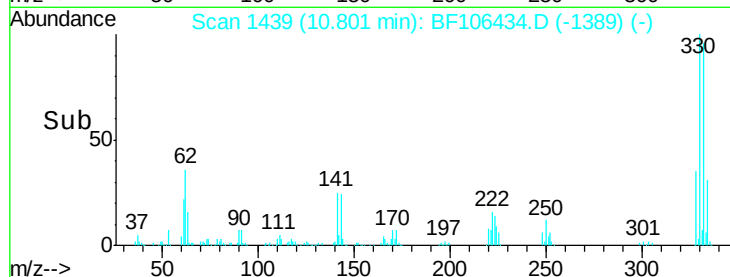
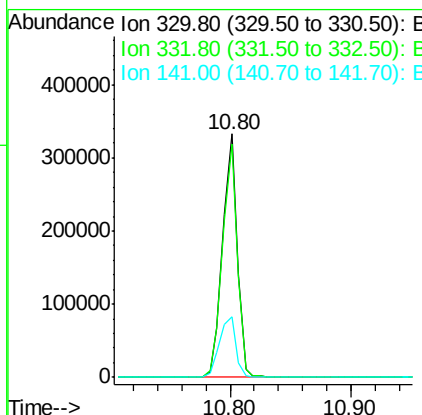
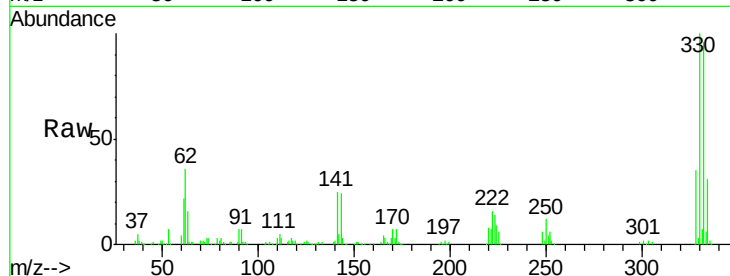




#41
 2,4,6-Tribromophenol
 Concen: 125.070 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF106434.D
 Acq: 14 Jun 2018 11:02

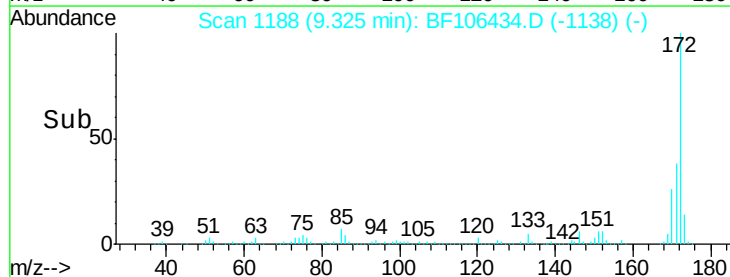
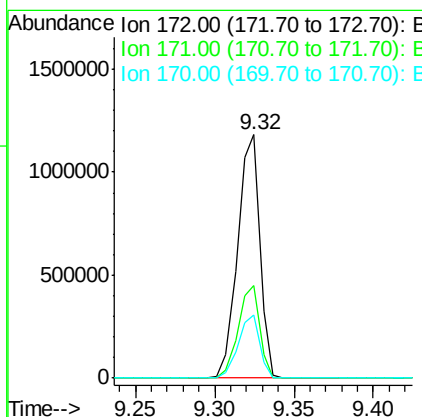
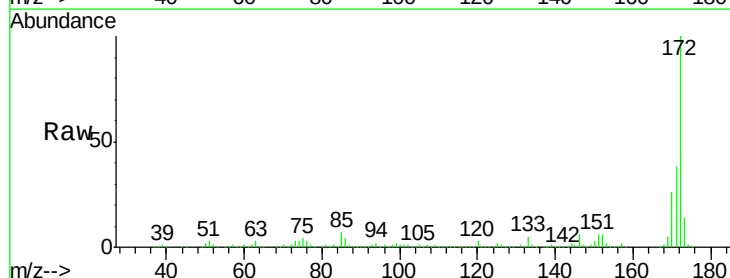
Instrument :
 BNA_F
 ClientSampleId :

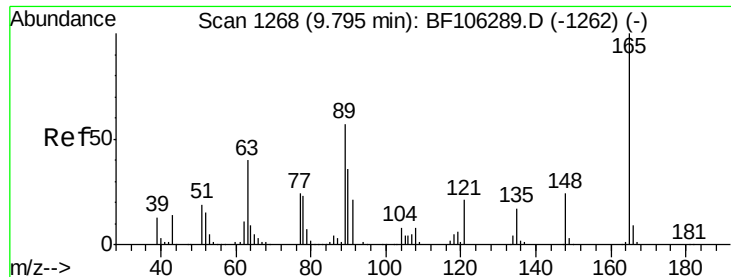
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	27.7	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 88.187 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF106434.D
 Acq: 14 Jun 2018 11:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.7	44.5
170	25.9	19.6	29.4

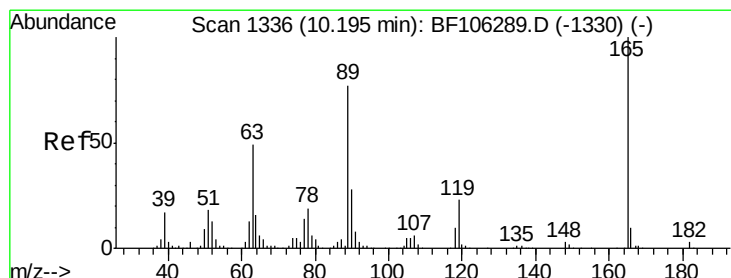
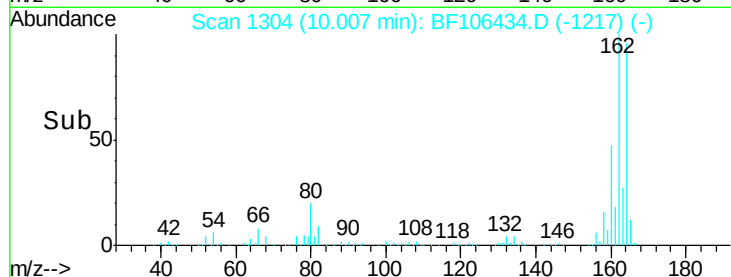
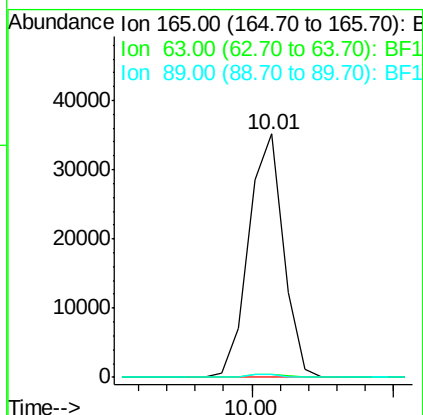
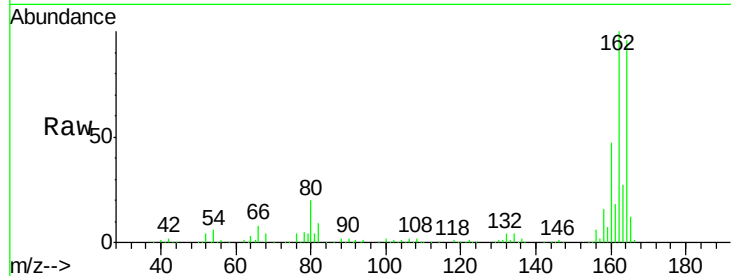




#50
 2,6-Dinitrotoluene
 Concen: 8.805 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. 0.21 min
 Lab File: BF106434.D
 Acq: 14 Jun 2018 11:02

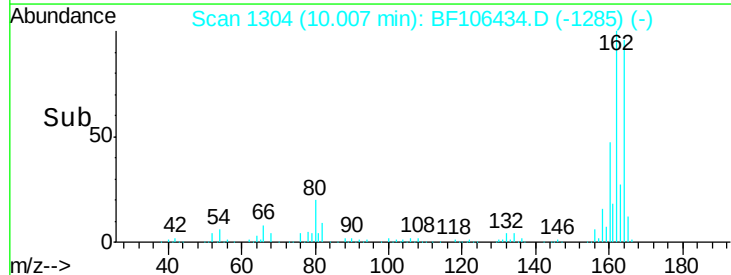
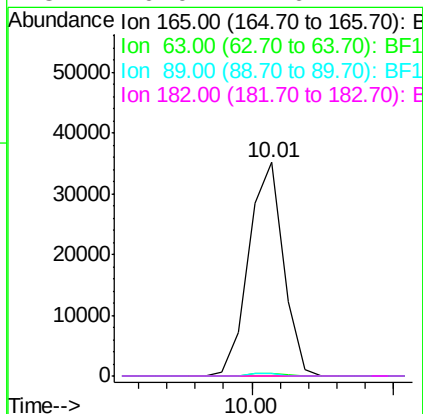
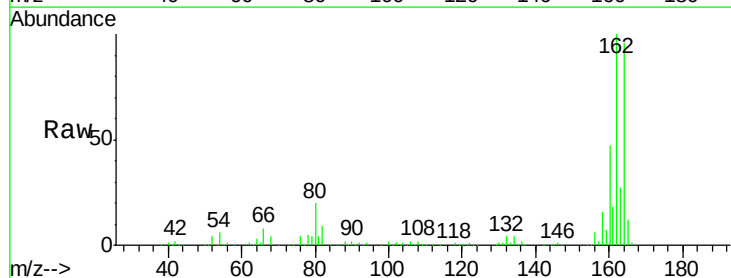
Instrument :
 BNA_F
 ClientSampleId :

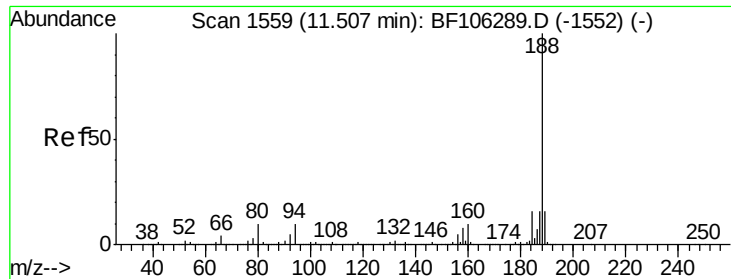
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.3	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 7.011 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.19 min
 Lab File: BF106434.D
 Acq: 14 Jun 2018 11:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106434.D

Acq: 14 Jun 2018 11:02

Instrument :

BNA_F

ClientSampleId :

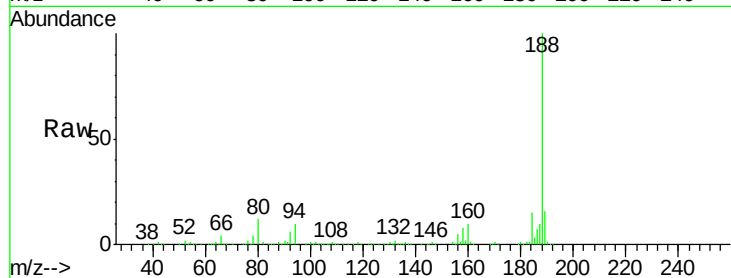
Tot Ion:188 Resp: 444247

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

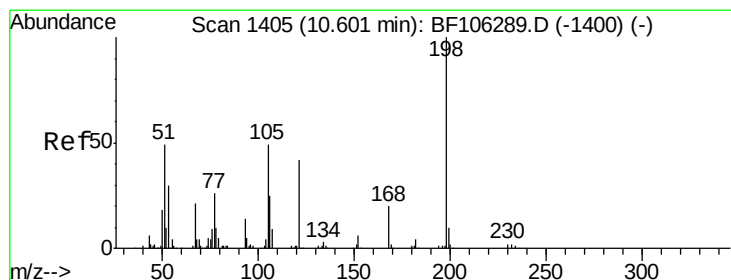
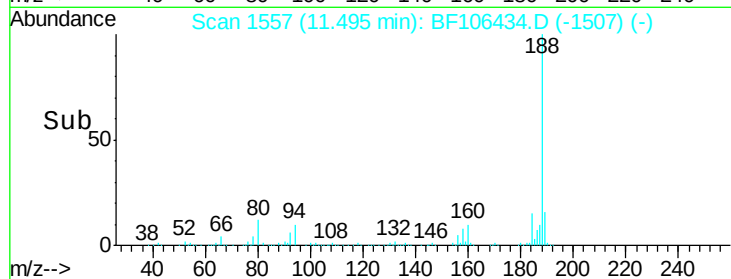
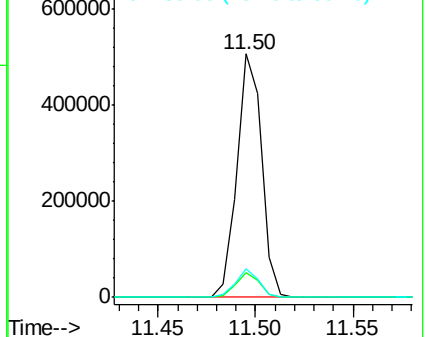
80 11.6 9.2 13.8



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: 6.511 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.19 min

Lab File: BF106434.D

Acq: 14 Jun 2018 11:02

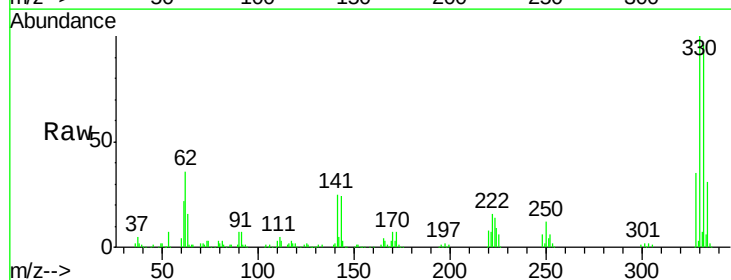
Tgt Ion:198 Resp: 596

Ion Ratio Lower Upper

198 100

51 94.5 37.7 77.7#

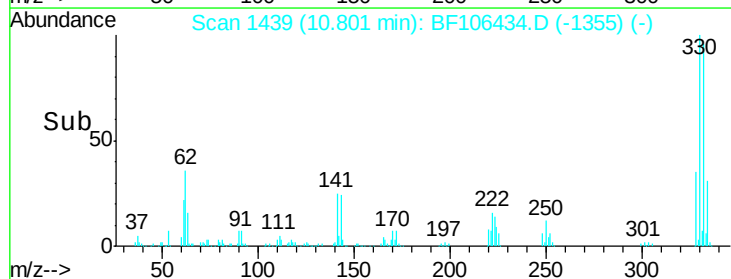
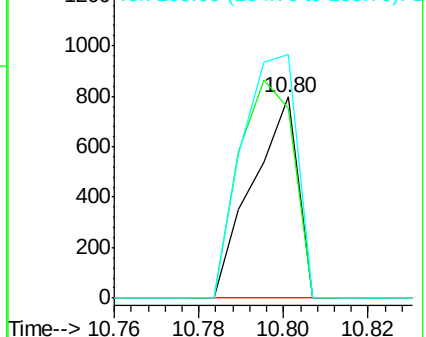
105 121.1 36.3 76.3#

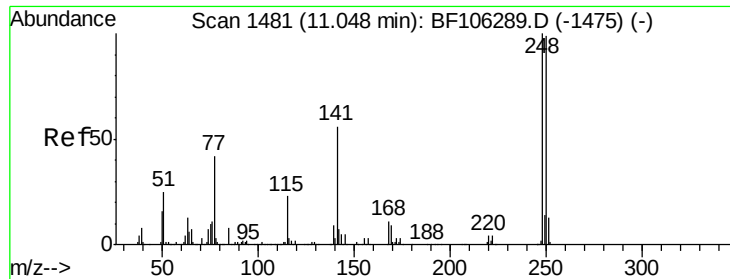


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

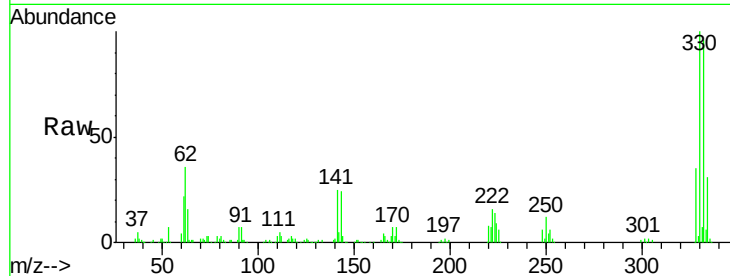




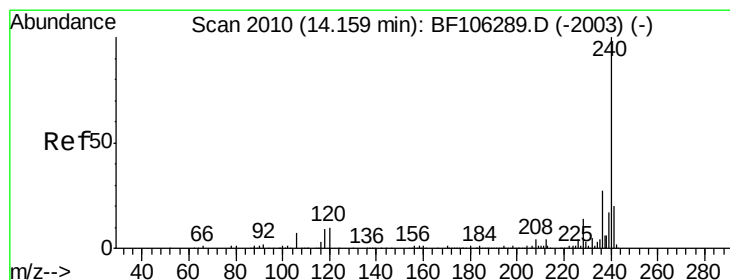
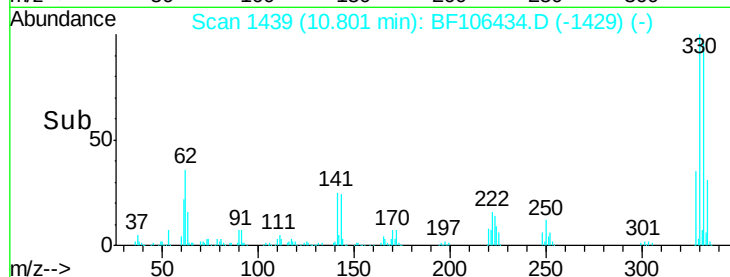
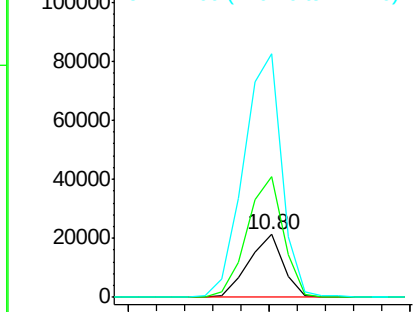
#66
 4-Bromophenyl-phenylether
 Concen: 3.600 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.24 min
 Lab File: BF106434.D
 Acq: 14 Jun 2018 11:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 18190
 Ion Ratio Lower Upper
 248 100
 250 192.0 76.9 115.3#
 141 388.5 74.4 111.6#

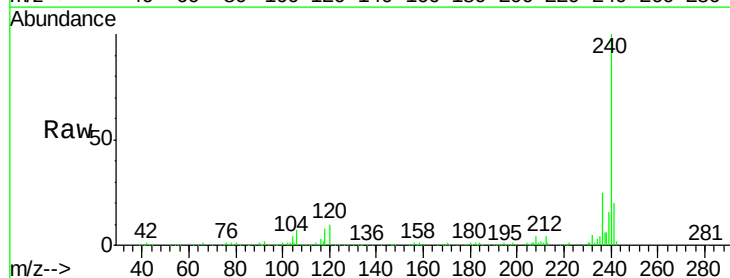


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

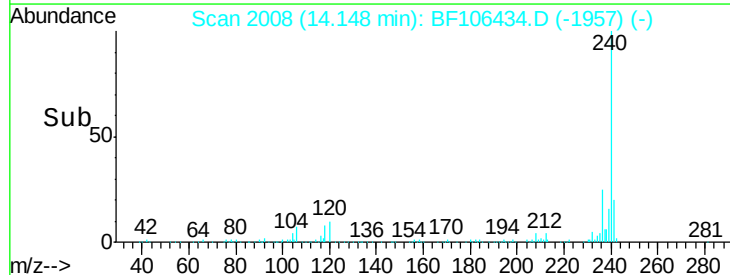
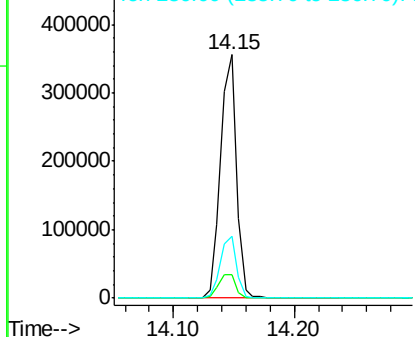


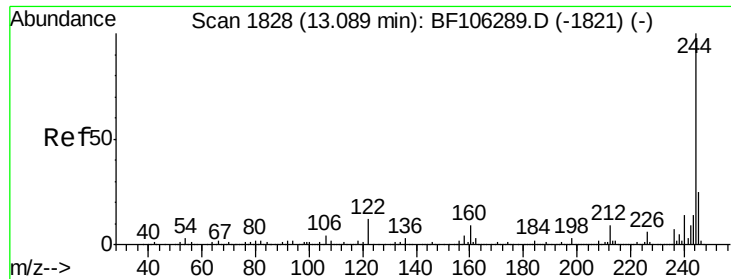
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: BF106434.D
 Acq: 14 Jun 2018 11:02

Tgt Ion:240 Resp: 323208
 Ion Ratio Lower Upper
 240 100
 120 9.7 9.5 14.3
 236 25.5 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: 86.644 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106434.D

Acq: 14 Jun 2018 11:02

Instrument :

BNA_F

ClientSampleId :

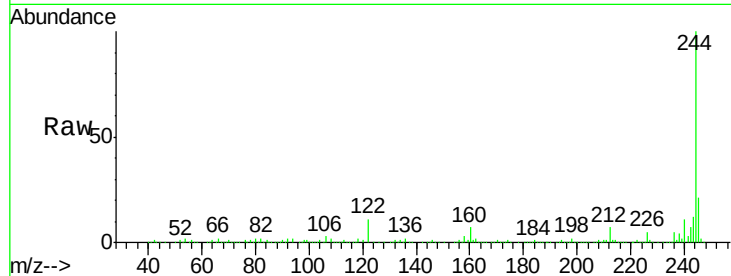
Tot Ion:244 Resp: 1127474

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

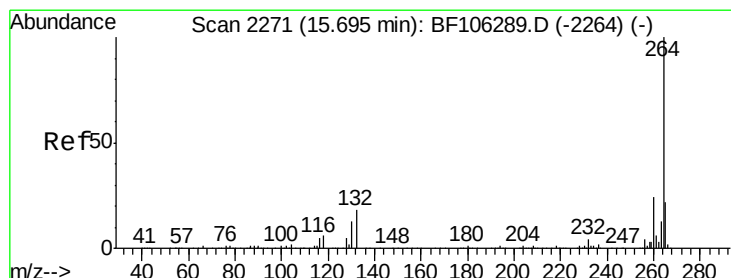
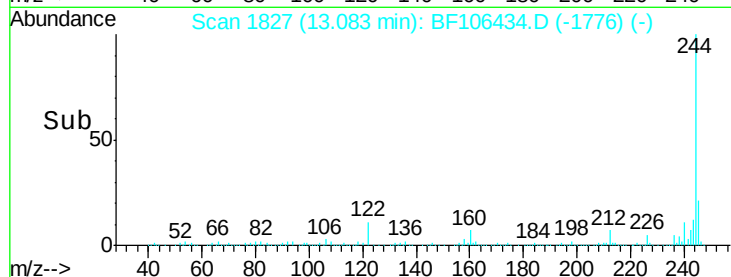
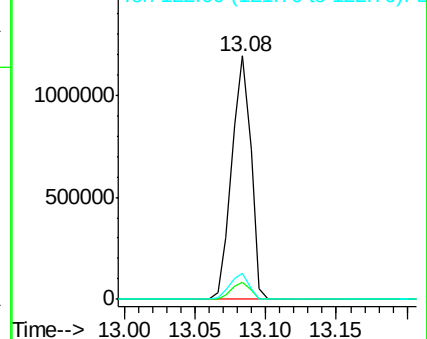
122 10.5 11.0 16.4#



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. 0.01 min

Lab File: BF106434.D

Acq: 14 Jun 2018 11:02

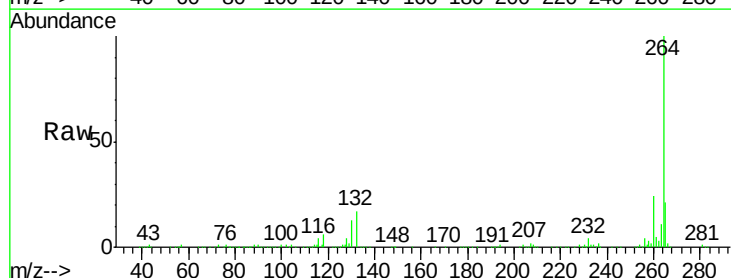
Tgt Ion:264 Resp: 319791

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.2 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

