

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106410.D
 Acq On : 13 Jun 2018 23:53
 Operator : JU/SJ
 Sample : J3448-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 02:23:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 13 10:51:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	142736	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	533216	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	255235	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	470042	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	356587	20.00	ng	-0.02
86) Perylene-d12	15.68	264	361160	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	449138	53.26	ng	-0.01
7) Phenol-d6	6.61	99	353870	33.21	ng	-0.01
23) Nitrobenzene-d5	7.53	82	745061	82.20	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	331153	134.85	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1211053	83.93	ng	0.00
78) Terphenyl-d14	13.08	244	1193343	83.12	ng	0.00

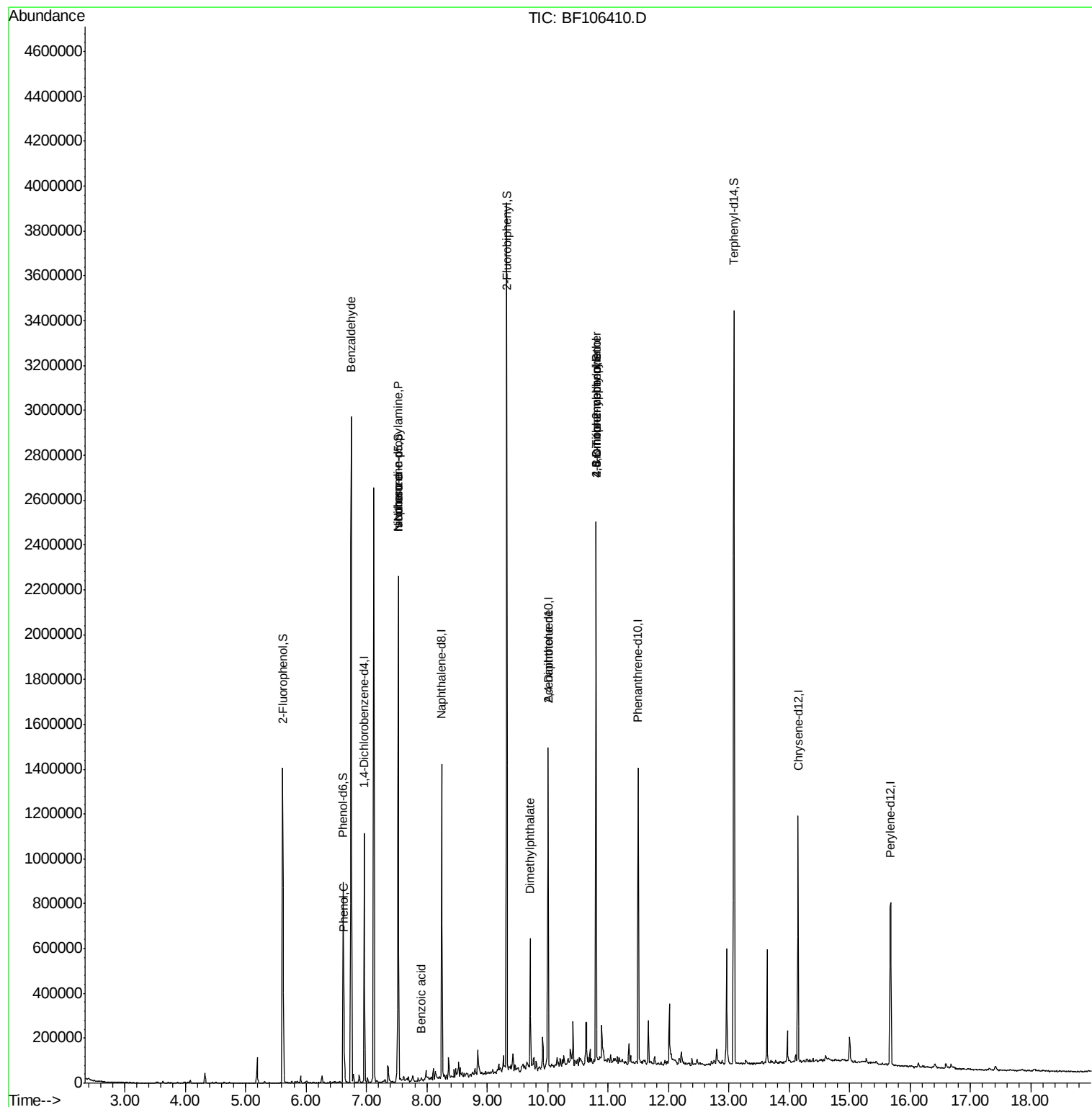
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.75	77	17755	2.197	ng	82
10) Phenol	6.63	94	40670	3.496	ng	91
19) n-Nitroso-di-n-propylamine	7.53	70	102453	12.817	ng	# 75
25) Isophorone	7.53	82	745052	42.084	ng	# 64
32) Benzoic acid	7.92	122	292	7.334	ng	# 1
49) Dimethylphthalate	9.71	163	192661	10.565	ng	100
56) 2,4-Dinitrotoluene	10.01	165	32539	6.957	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.80	198	681	6.528	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	21728	4.064	ng	# 1

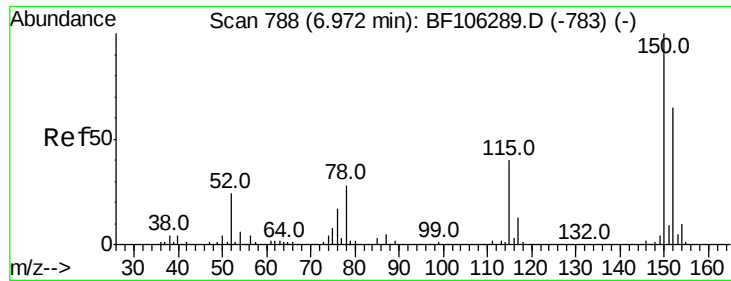
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106410.D
Acq On : 13 Jun 2018 23:53
Operator : JU/SJ
Sample : J3448-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 14 02:23:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 13 10:51:26 2018
Response via : Initial Calibration



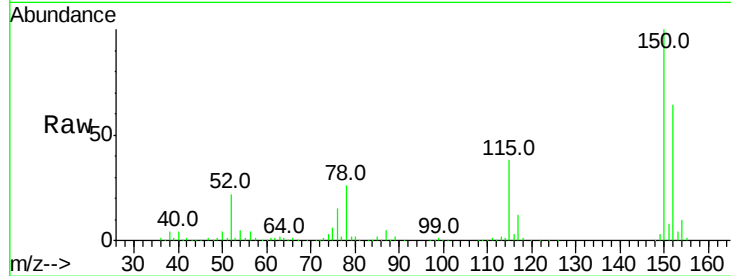


#1

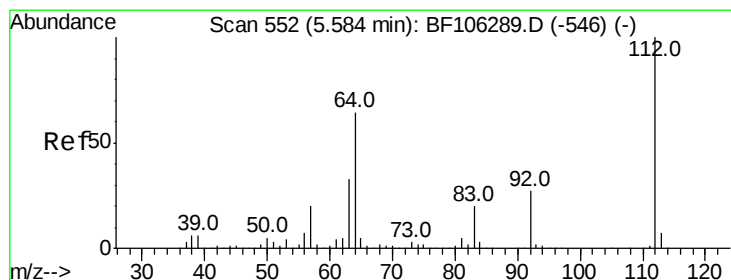
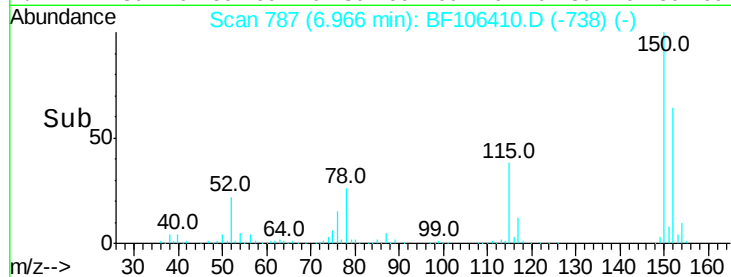
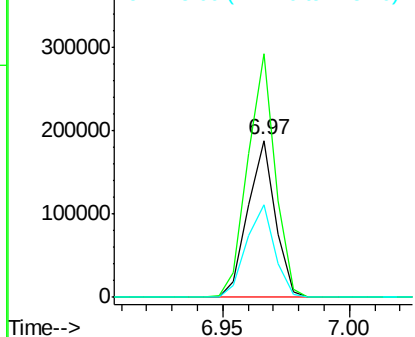
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF106410.D
Acq: 13 Jun 2018 23:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 142736
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 58.9 50.1 75.1



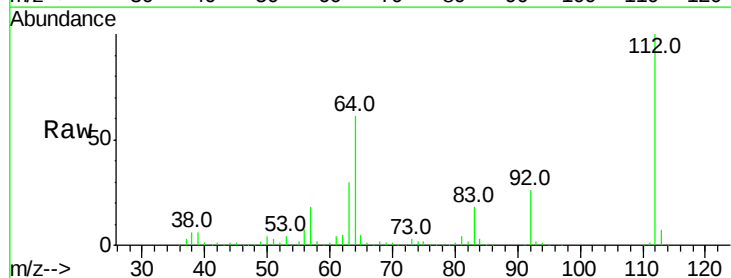
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



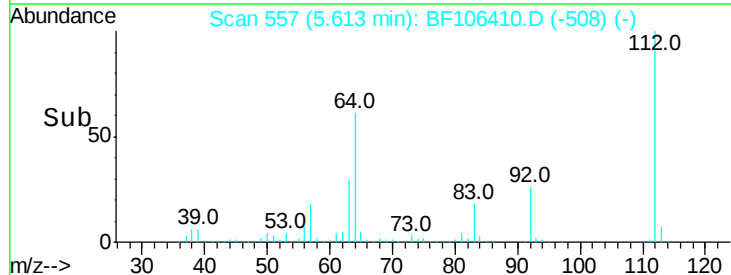
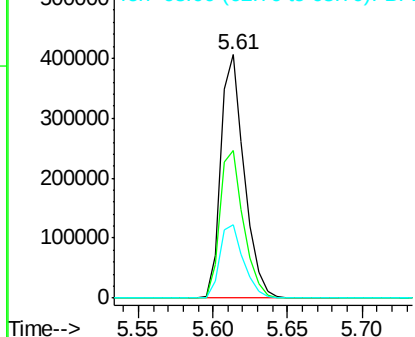
#5

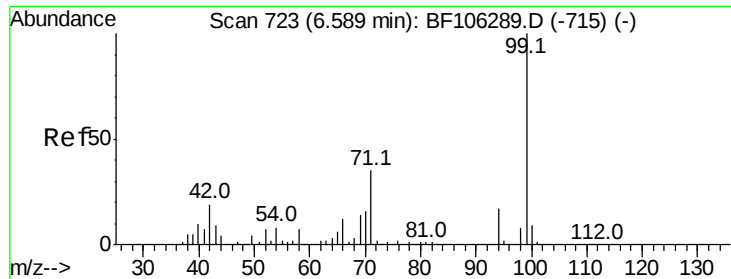
2-Fluorophenol
Concen: 53.257 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.01 min
Lab File: BF106410.D
Acq: 13 Jun 2018 23:53

Tgt Ion:112 Resp: 449138
Ion Ratio Lower Upper
112 100
64 60.6 47.9 71.9
63 30.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 33.212 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106410.D

Acq: 13 Jun 2018 23:53

Instrument :

BNA_F

ClientSampleId :

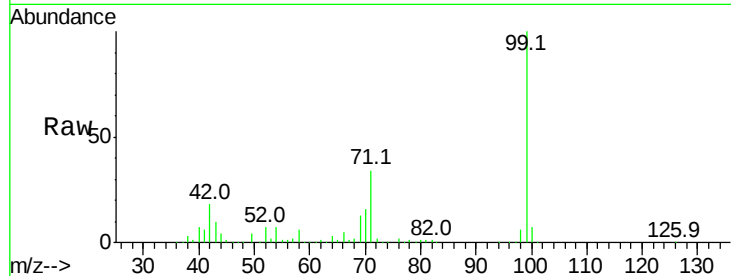
Tot Ion: 99 Resp: 353870

Ion Ratio Lower Upper

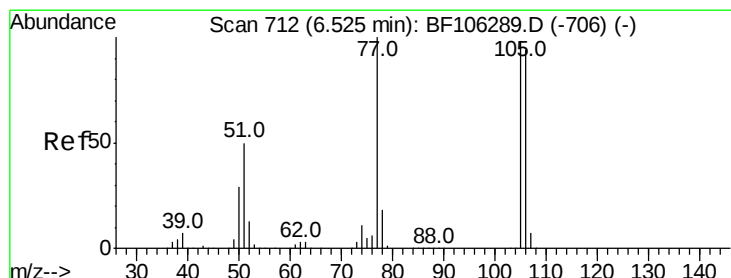
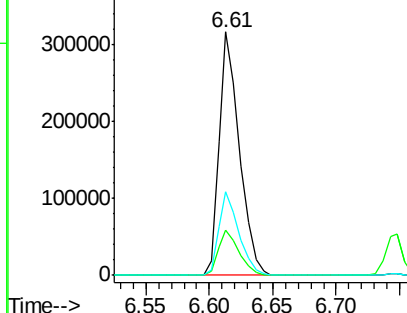
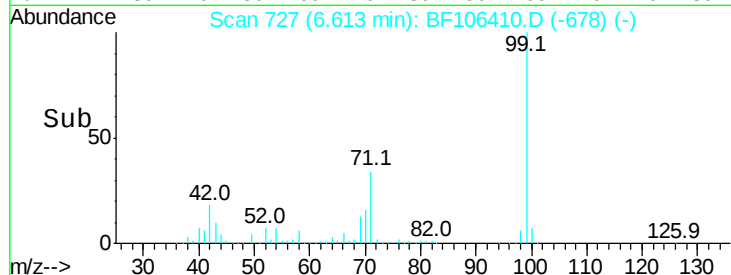
99 100

42 18.5 14.5 21.7

71 34.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 2.197 ng

RT: 6.75 min Scan# 750

Delta R.T. 0.22 min

Lab File: BF106410.D

Acq: 13 Jun 2018 23:53

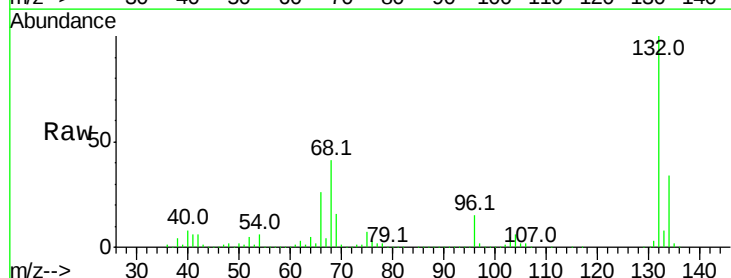
Tgt Ion: 77 Resp: 17755

Ion Ratio Lower Upper

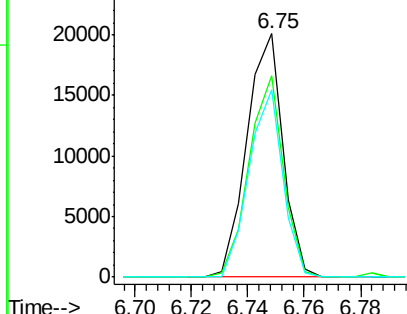
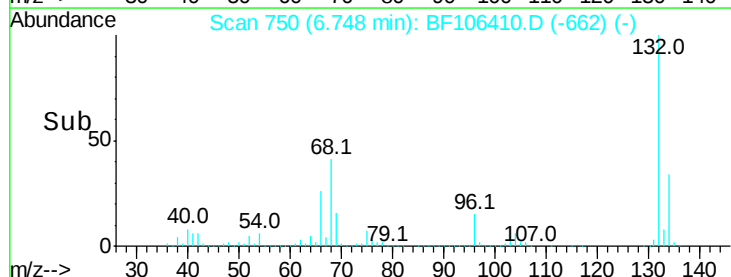
77 100

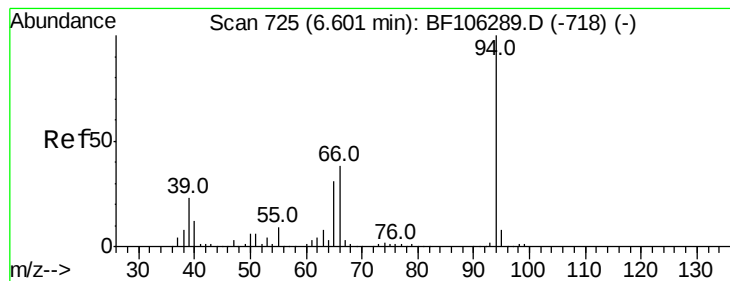
105 82.7 81.1 121.1

106 76.9 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





#10

Phenol

Concen: 3.496 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF106410.D

Acq: 13 Jun 2018 23:53

Instrument :

BNA_F

ClientSampleId :

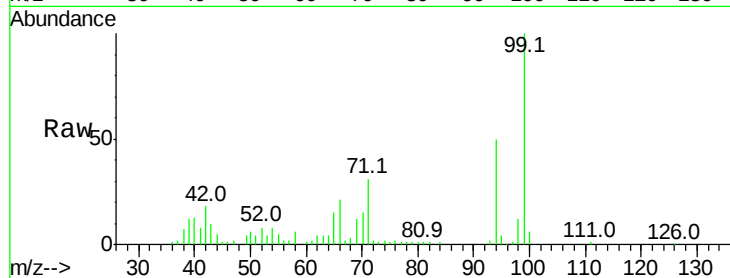
Tot Ion: 94 Resp: 40670

Ion Ratio Lower Upper

94 100

65 31.1 7.9 47.9

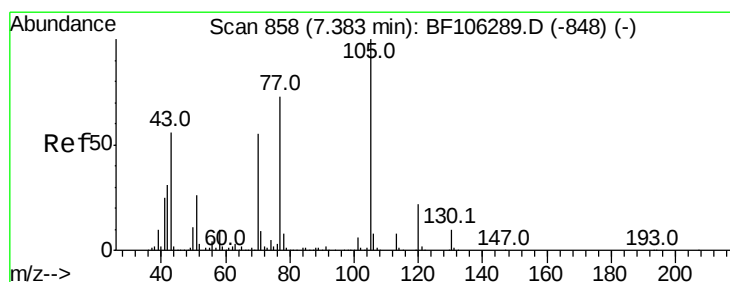
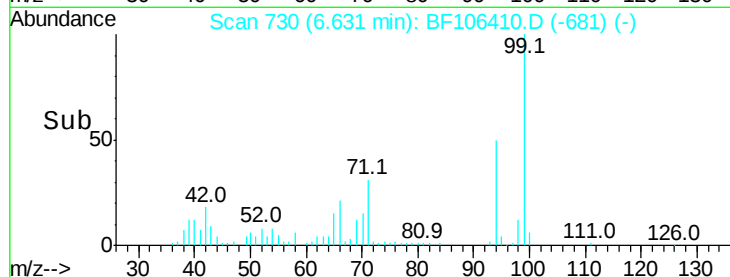
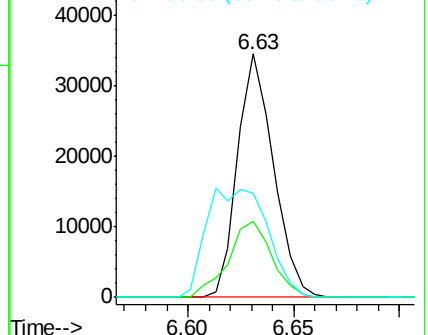
66 42.8 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 12.817 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF106410.D

Acq: 13 Jun 2018 23:53

Tgt Ion: 70 Resp: 102453

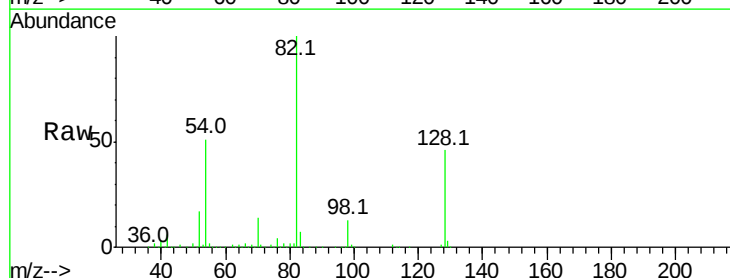
Ion Ratio Lower Upper

70 100

42 44.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

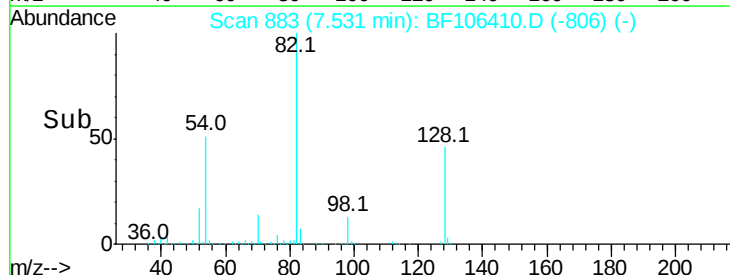
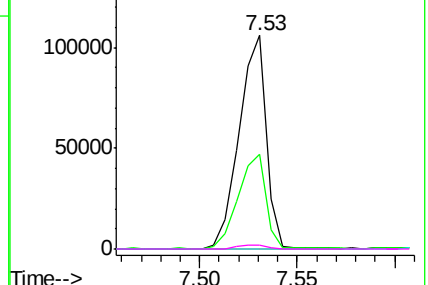


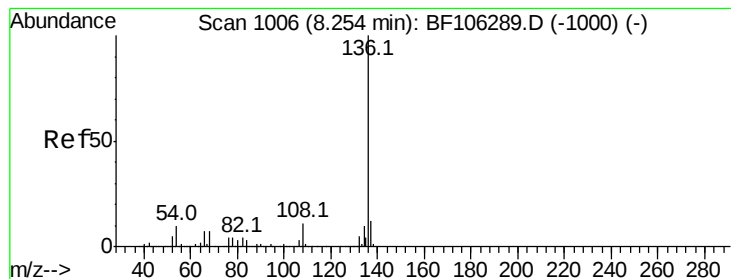
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF106410.D

Acq: 13 Jun 2018 23:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 533216

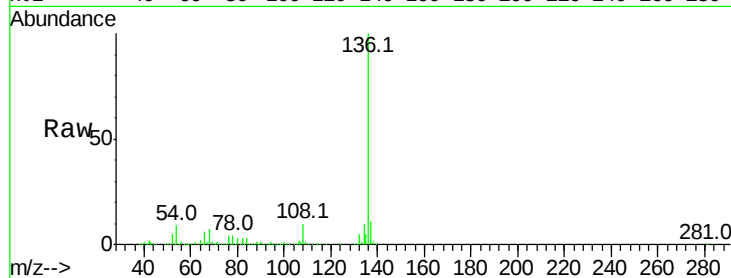
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.7 6.6 9.8

68 6.7 5.0 7.4

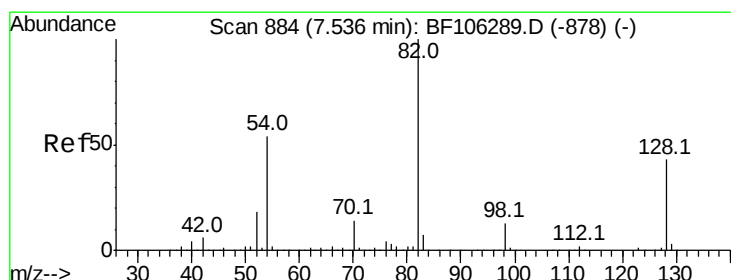
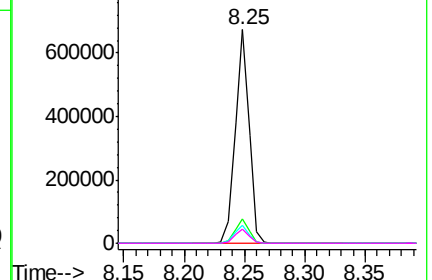
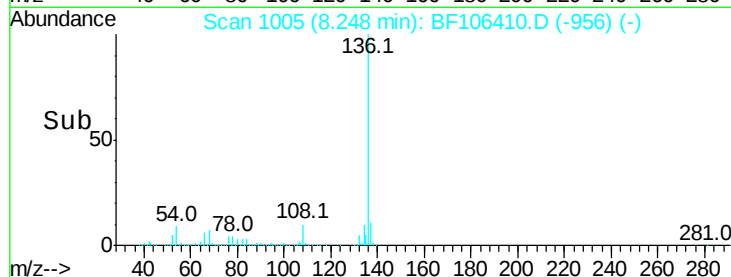


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.201 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF106410.D

Acq: 13 Jun 2018 23:53

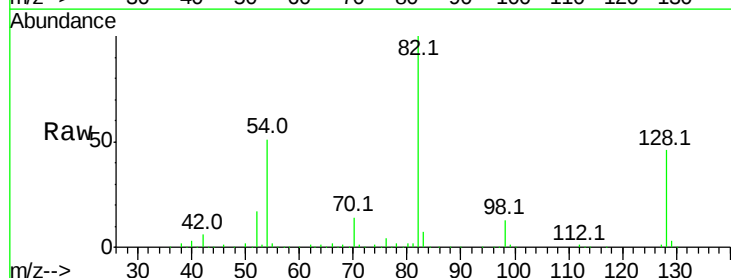
Tgt Ion: 82 Resp: 745061

Ion Ratio Lower Upper

82 100

128 45.7 36.1 54.1

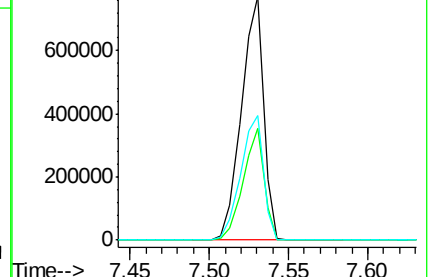
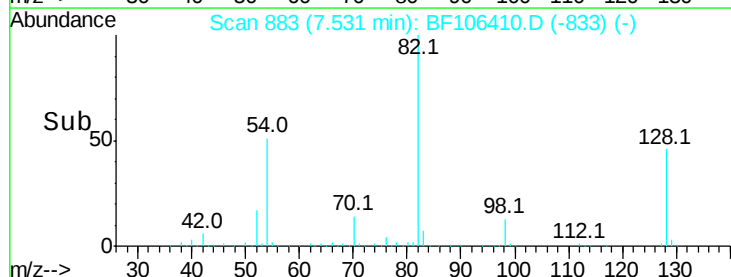
54 51.3 41.4 62.2

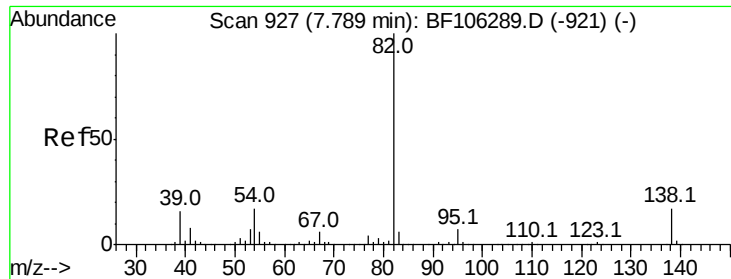


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 42.084 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF106410.D

Acq: 13 Jun 2018 23:53

Instrument :

BNA_F

ClientSampleId :

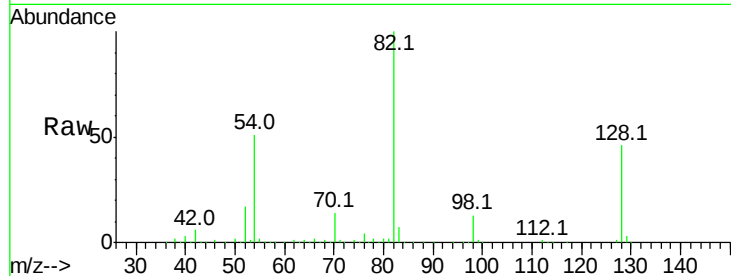
Tot Ion: 82 Resp: 745052

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

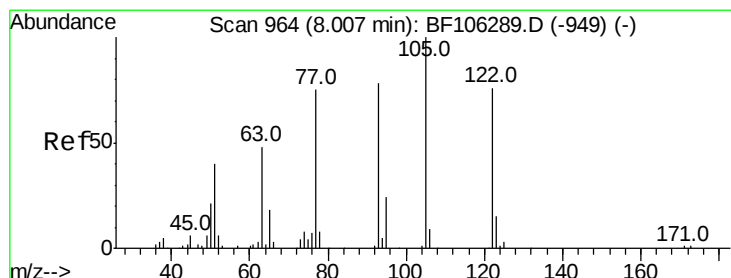
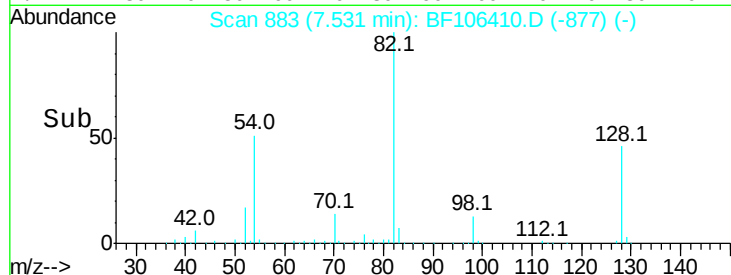
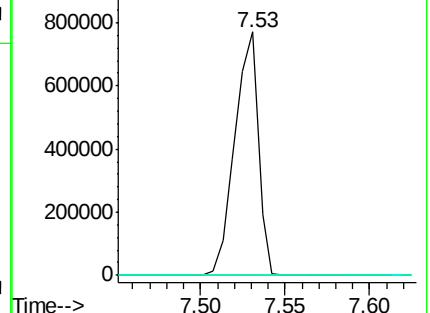
138 0.0 14.9 22.3#



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: 7.334 ng

RT: 7.92 min Scan# 949

Delta R.T. -0.09 min

Lab File: BF106410.D

Acq: 13 Jun 2018 23:53

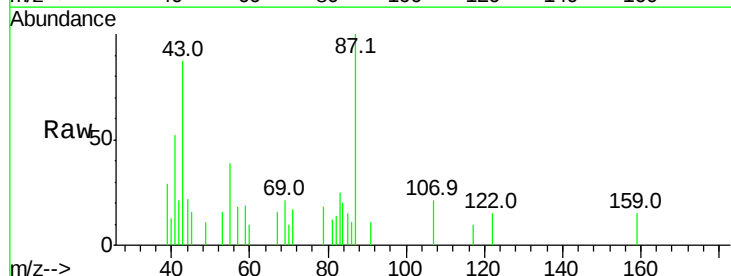
Tgt Ion: 122 Resp: 292

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

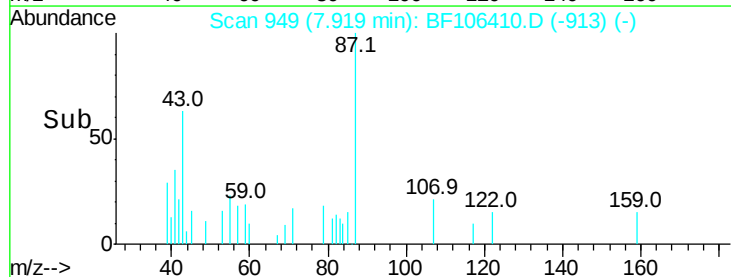
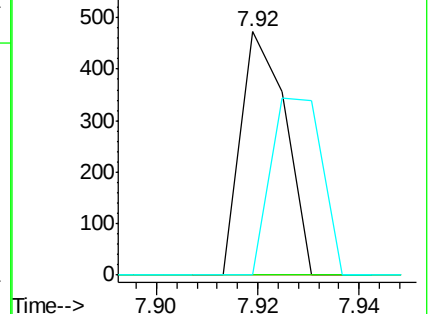
77 0.0 70.7 110.7#

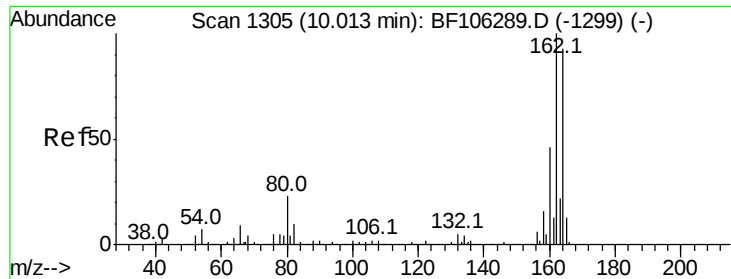


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

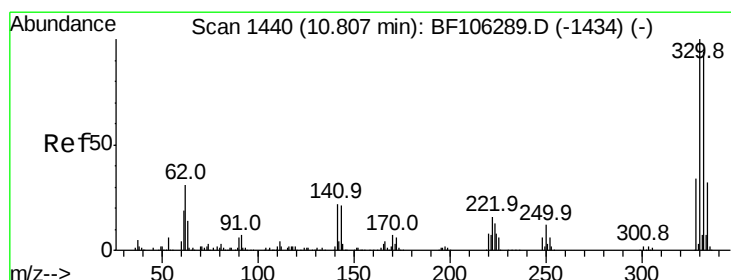
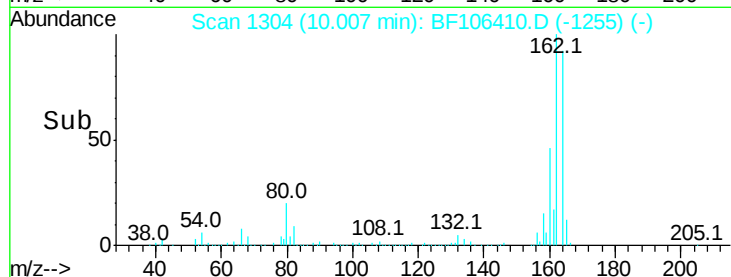
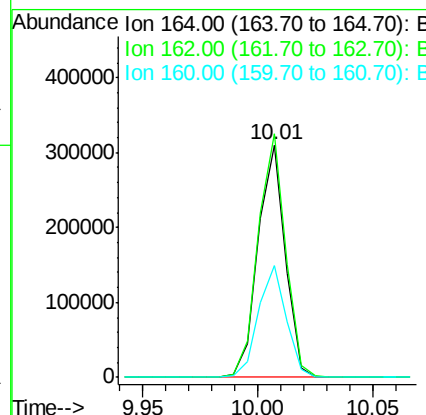
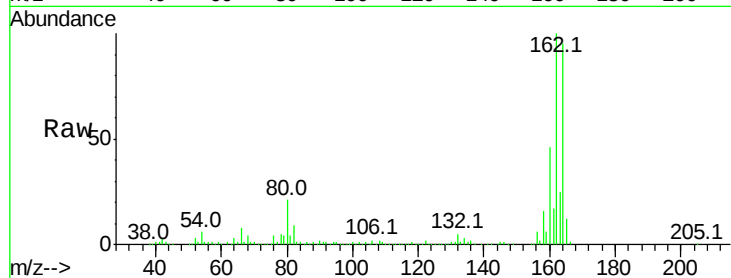




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF106410.D
 Acq: 13 Jun 2018 23:53

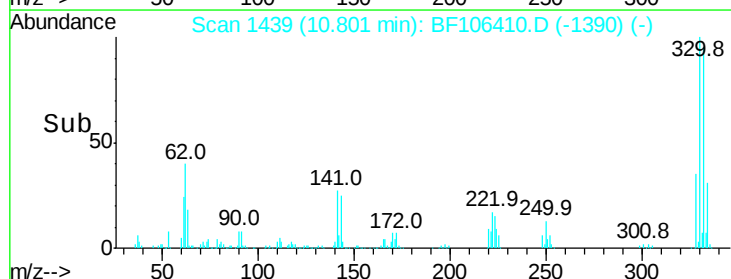
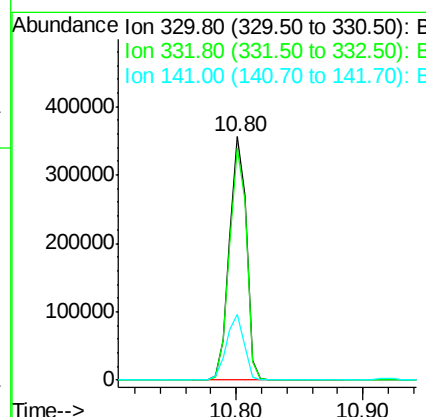
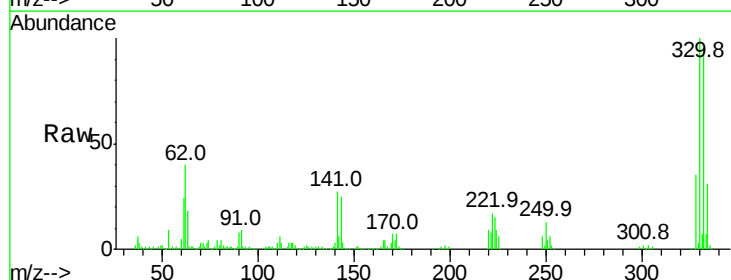
Instrument :
 BNA_F
 ClientSampled :

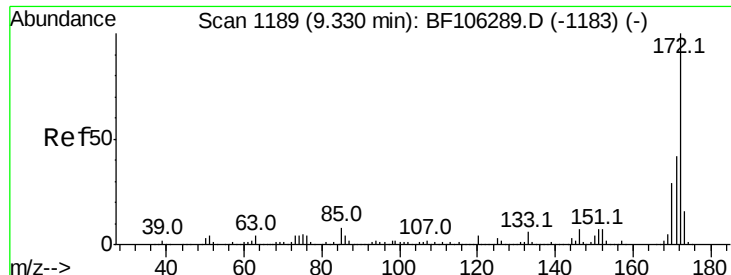
Tot Ion:164 Resp: 255235
 Ion Ratio Lower Upper
 164 100
 162 104.9 86.1 129.1
 160 48.1 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 134.845 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF106410.D
 Acq: 13 Jun 2018 23:53

Tgt Ion:330 Resp: 331153
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 28.0 29.9 44.9#

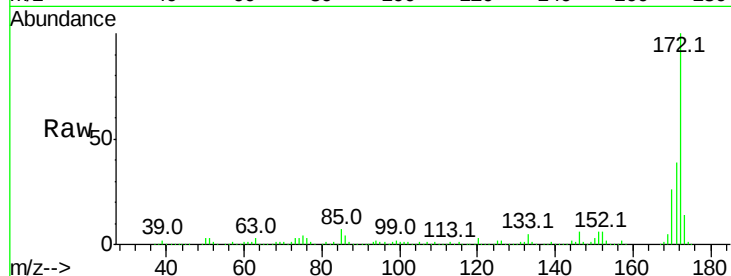




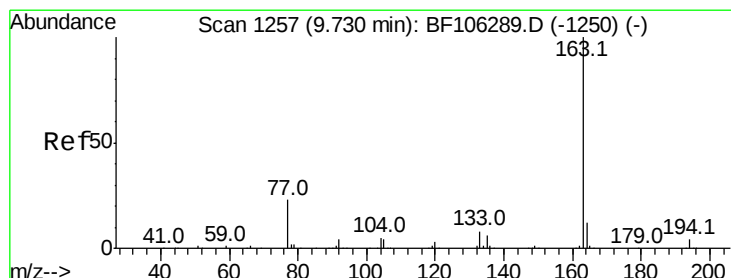
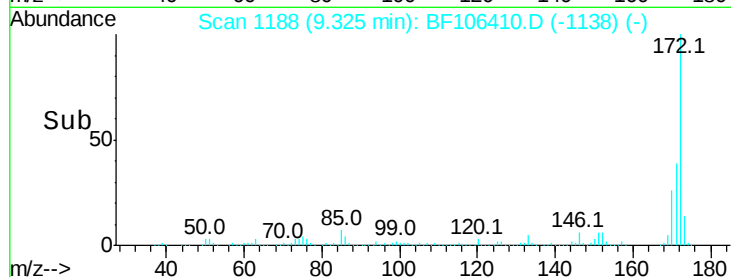
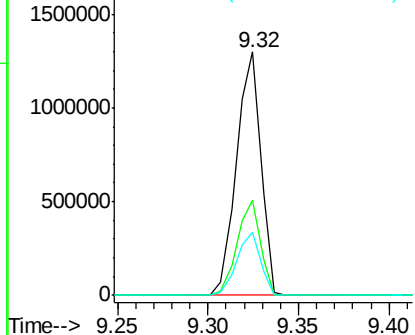
#44
2-Fluorobiphenyl
Concen: 83.927 ng
RT: 9.32 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF106410.D
Acq: 13 Jun 2018 23:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1211053
Ion Ratio Lower Upper
172 100
171 39.0 29.7 44.5
170 26.2 19.6 29.4

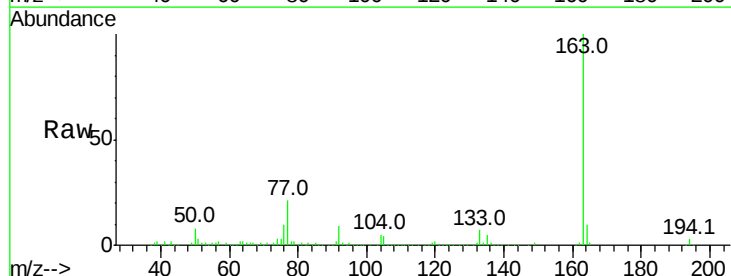


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

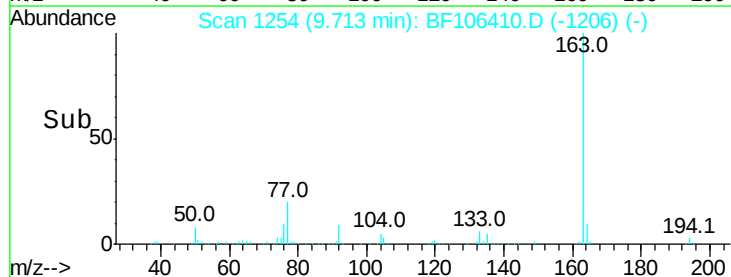
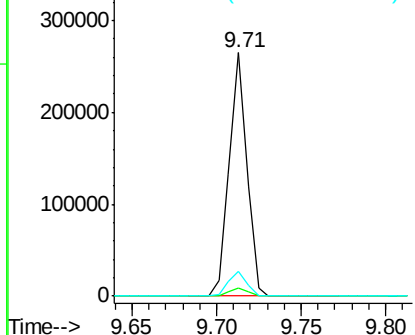


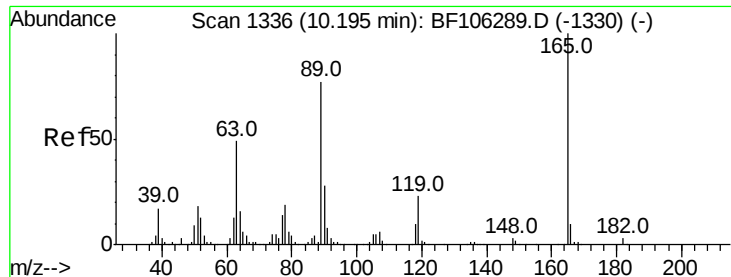
#49
Dimethylphthalate
Concen: 10.565 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF106410.D
Acq: 13 Jun 2018 23:53

Tgt Ion:163 Resp: 192661
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.3 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

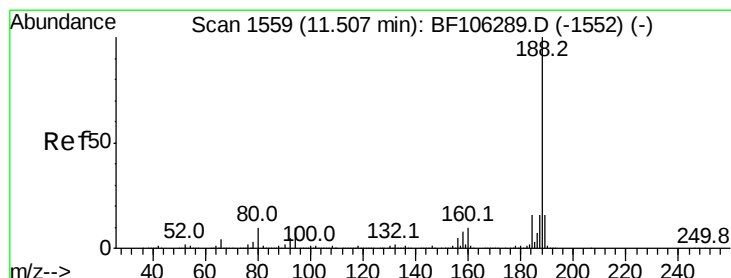
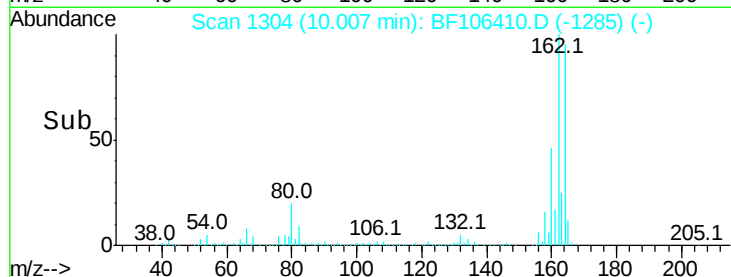
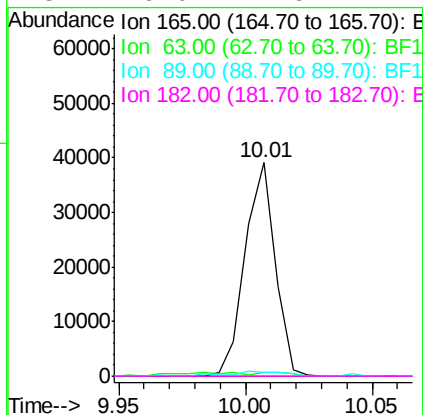
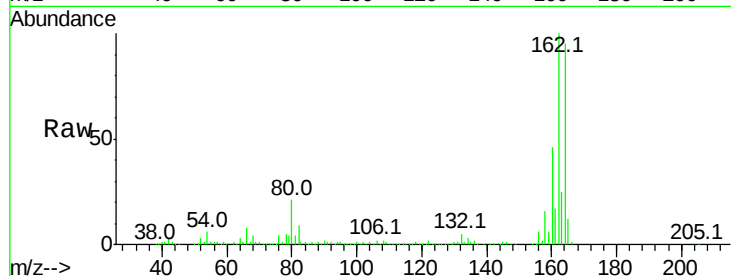




#56
 2,4-Dinitrotoluene
 Concen: 6.957 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.19 min
 Lab File: BF106410.D
 Acq: 13 Jun 2018 23:53

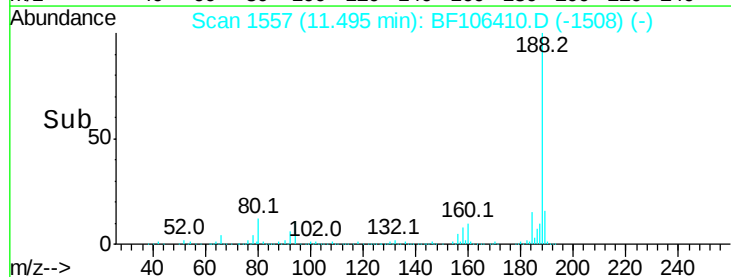
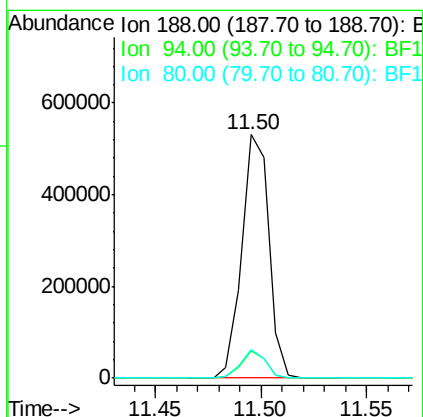
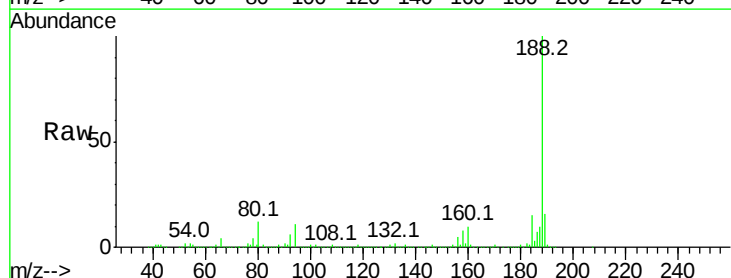
Instrument :
 BNA_F
 ClientSampleId :

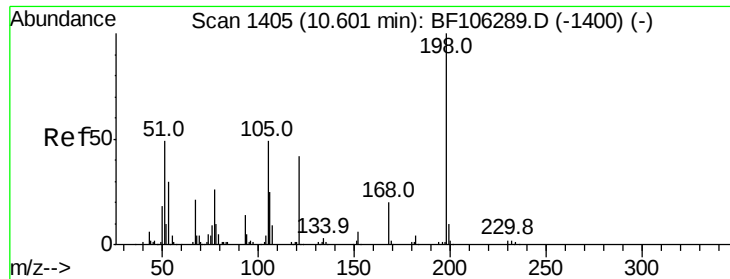
Tot Ion:	165	Resp:	32539
Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF106410.D
 Acq: 13 Jun 2018 23:53

Tgt Ion:	188	Resp:	470042
Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	11.9	9.2	13.8

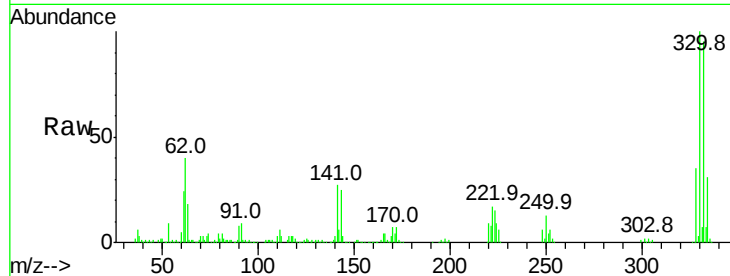




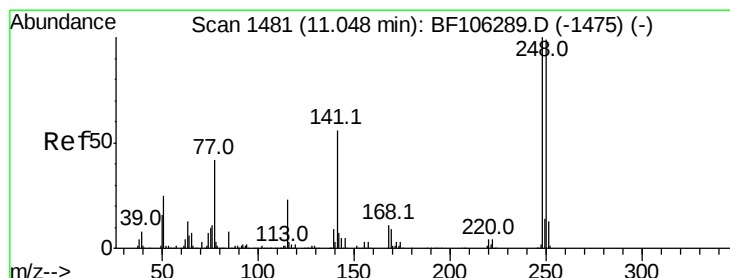
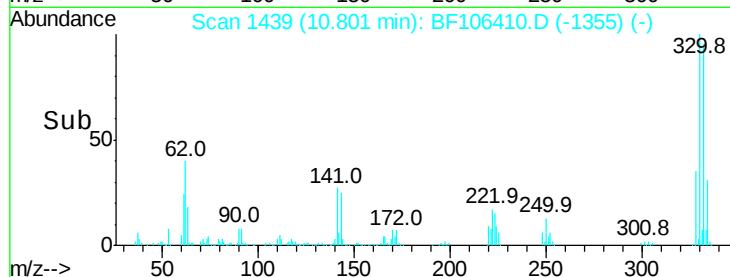
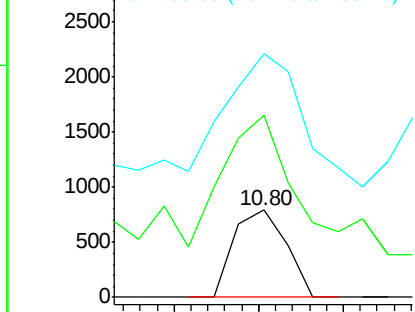
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.528 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.19 min
 Lab File: BF106410.D
 Acq: 13 Jun 2018 23:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 681
 Ion Ratio Lower Upper
 198 100
 51 208.7 37.7 77.7#
 105 278.9 36.3 76.3#

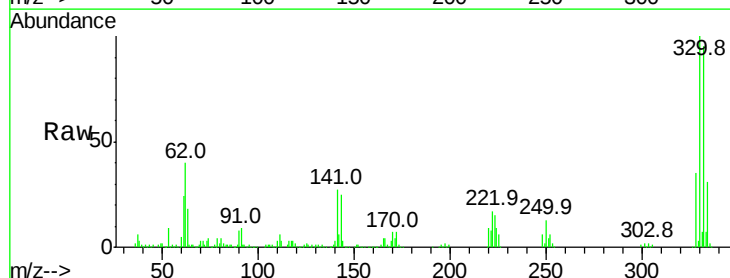


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

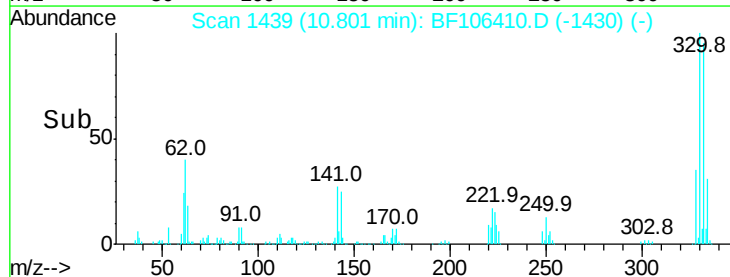
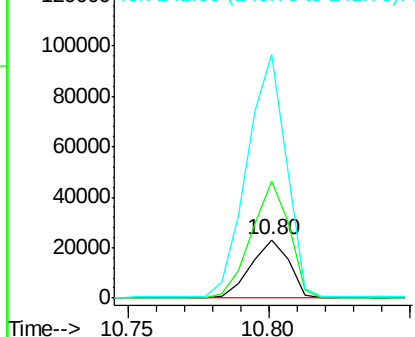


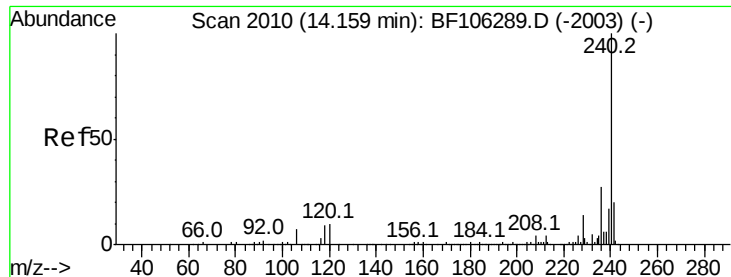
#66
 4-Bromophenyl-phenylether
 Concen: 4.064 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.25 min
 Lab File: BF106410.D
 Acq: 13 Jun 2018 23:53

Tgt Ion:248 Resp: 21728
 Ion Ratio Lower Upper
 248 100
 250 200.5 76.9 115.3#
 141 419.0 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. -0.02 min

Lab File: BF106410.D

Acq: 13 Jun 2018 23:53

Instrument :

BNA_F

ClientSampled :

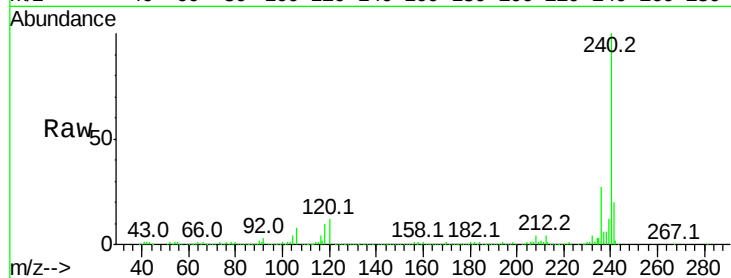
Tot Ion:240 Resp: 356587

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

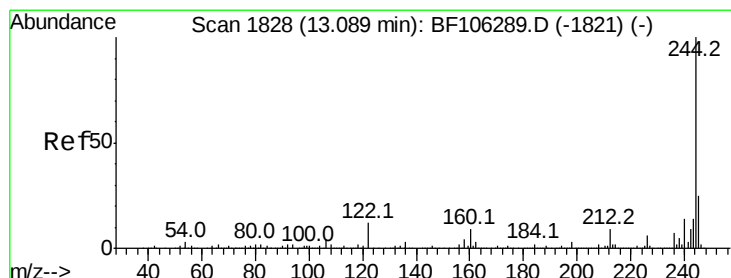
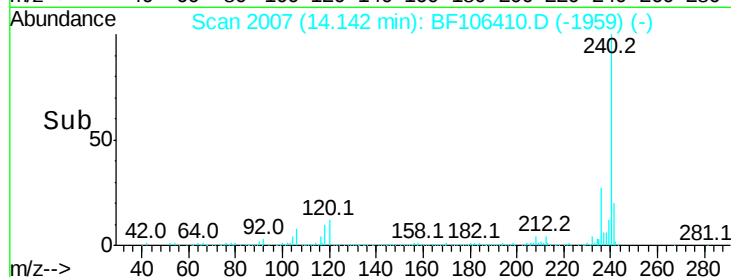
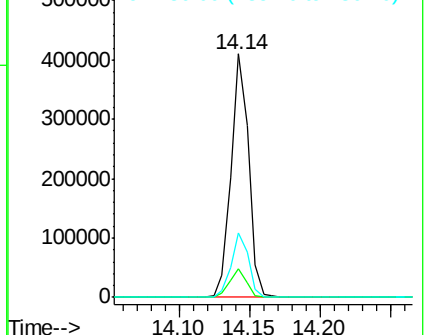
236 26.5 20.7 31.1



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: 83.121 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106410.D

Acq: 13 Jun 2018 23:53

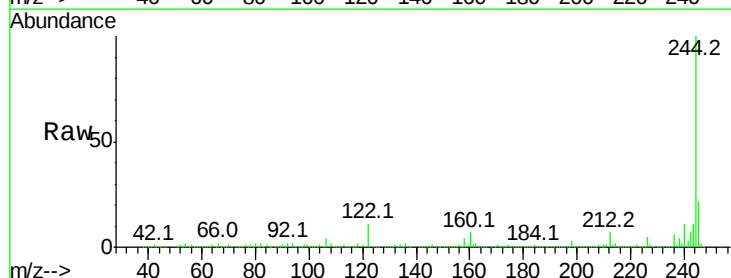
Tgt Ion:244 Resp: 1193343

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

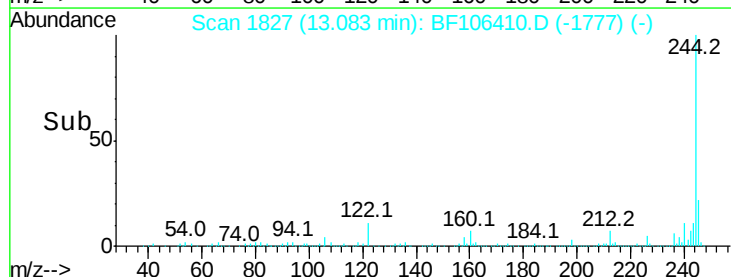
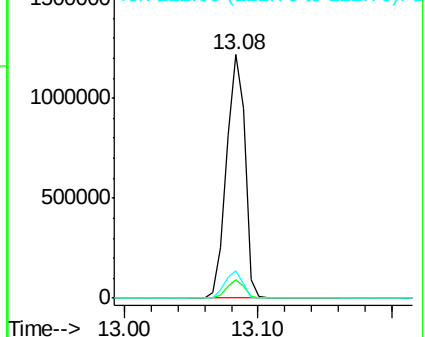
122 11.0 11.0 16.4

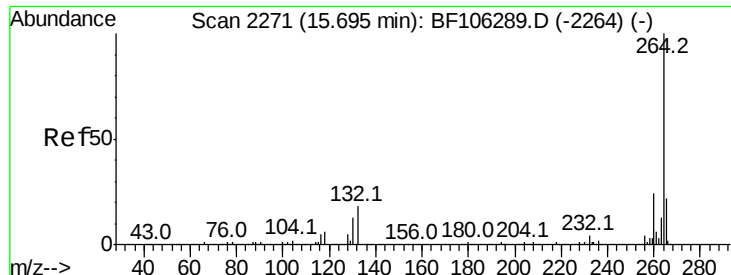


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

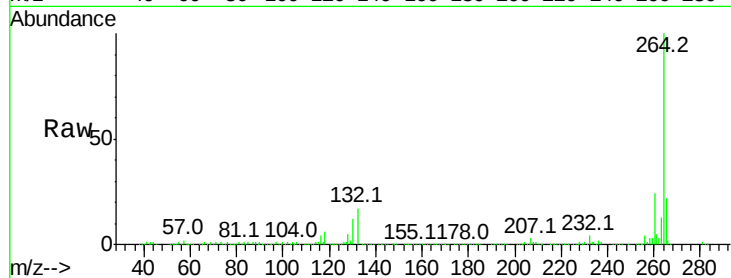




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BF106410.D
 Acq: 13 Jun 2018 23:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	361160
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.2	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

