

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\
 Data File : BF100418.D
 Acq On : 11 Nov 2017 3:55
 Operator : SJ/JU
 Sample : I6355-08
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 13 07:16:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:44:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	150156	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	541256	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	232301	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	369509	20.00	ng	0.00
75) Chrysene-d12	14.06	240	291222	20.00	ng	0.00
86) Perylene-d12	15.54	264	224761	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	457042	48.79	ng	0.00
7) Phenol-d6	6.52	99	374564	32.43	ng	-0.01
23) Nitrobenzene-d5	7.47	82	940612	114.89	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	210078	88.75	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1554609	101.90	ng	0.00
78) Terphenyl-d14	13.01	244	1141649	90.07	ng	0.00

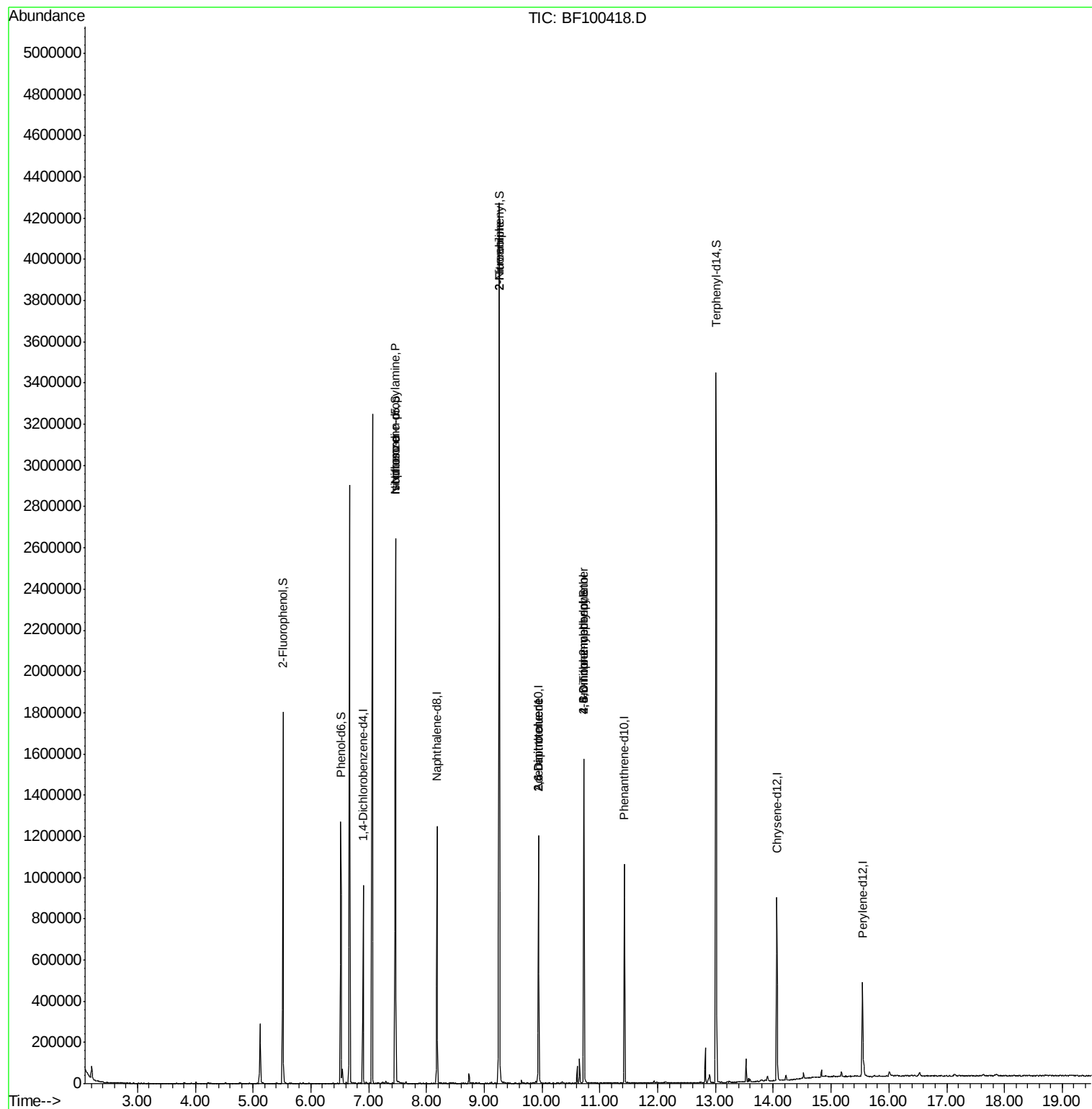
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.47	70	125812	15.705	ng	# 81
25) Isophorone	7.47	82	940466	54.666	ng	# 64
47) 2-Nitroaniline	9.26	65	2458	3.322	ng	# 1
50) 2,6-Dinitrotoluene	9.94	165	28762	8.192	ng	# 26
56) 2,4-Dinitrotoluene	9.94	165	28762	6.494	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.73	198	294	8.699	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	13273	3.351	ng	# 1

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

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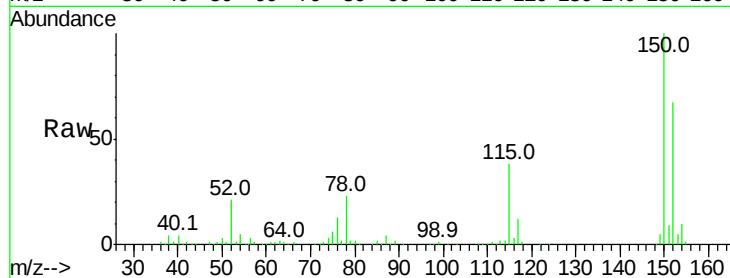


#1

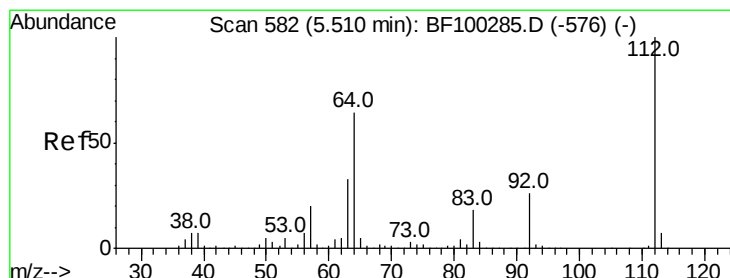
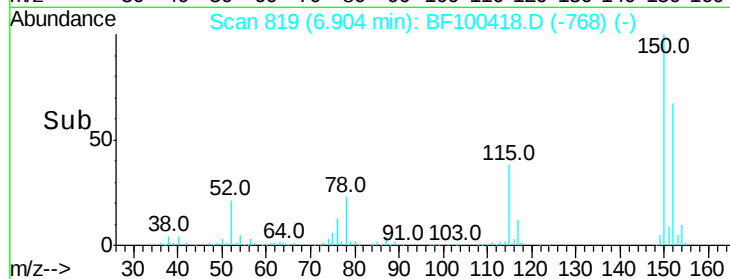
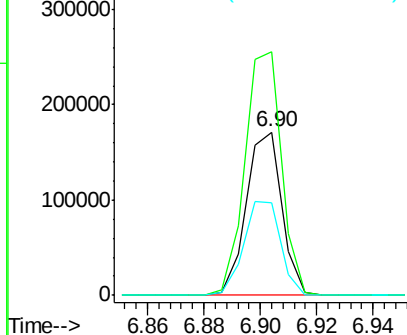
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100418.D
Acq: 11 Nov 2017 3:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.1	124.6	186.8
115	56.3	50.1	75.1



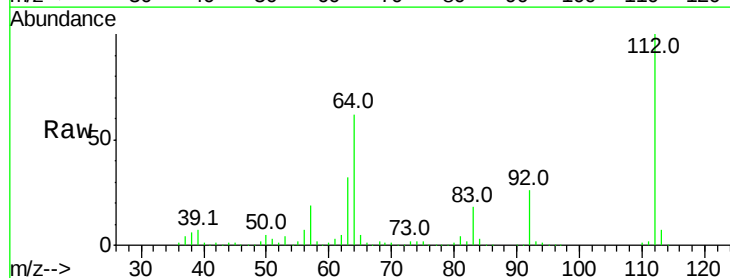
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



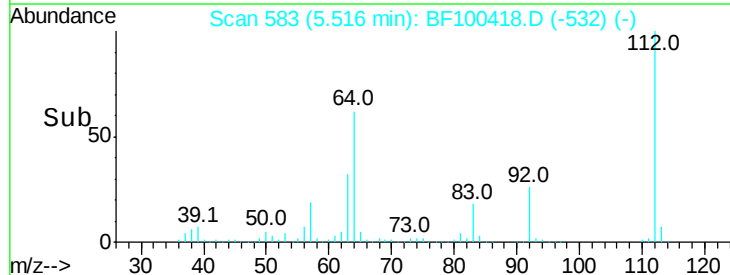
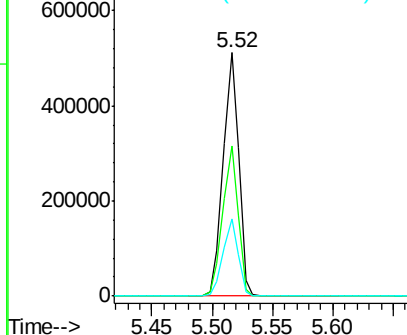
#5

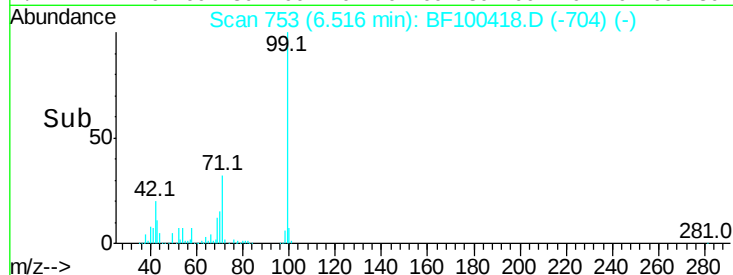
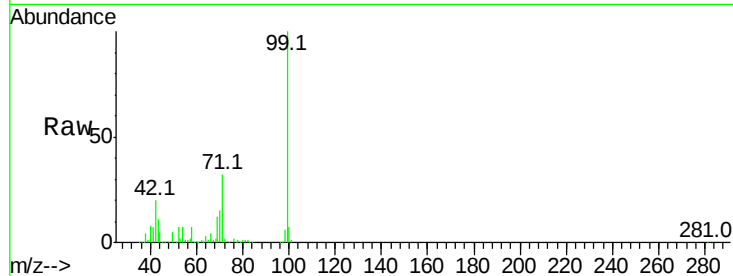
2-Fluorophenol
Concen: 48.791 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF100418.D
Acq: 11 Nov 2017 3:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	47.9	71.9
63	31.5	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: 32.427 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100418.D

Acq: 11 Nov 2017 3:55

Instrument :

BNA_F

ClientSampleId :

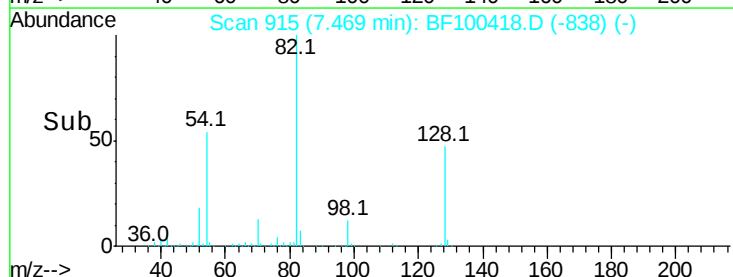
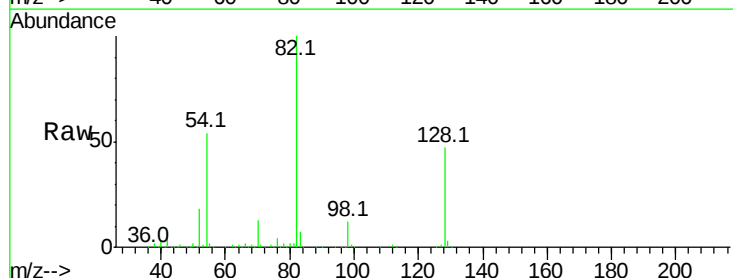
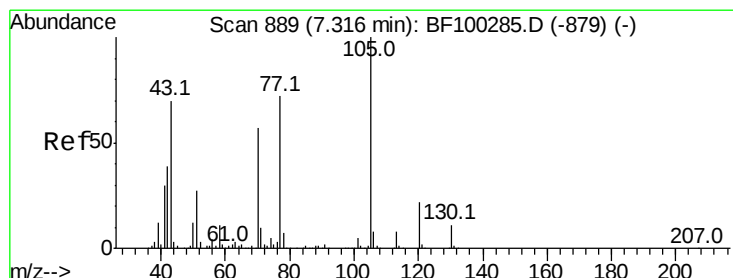
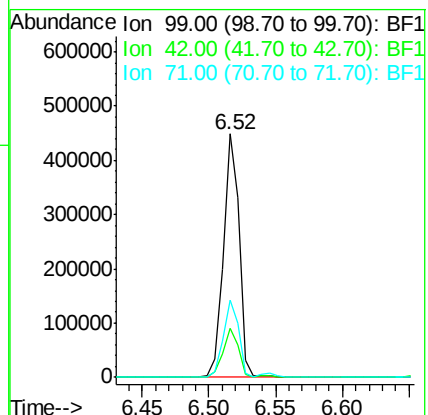
Tot Ion: 99 Resp: 374564

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

71 31.9 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.705 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.15 min

Lab File: BF100418.D

Acq: 11 Nov 2017 3:55

Tgt Ion: 70 Resp: 125812

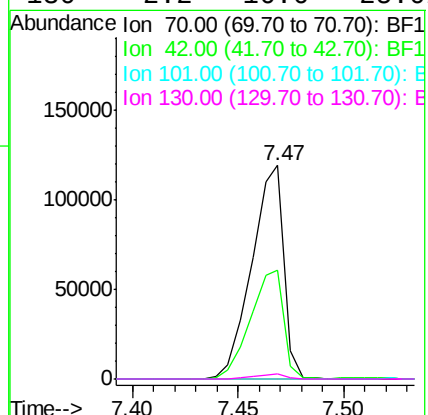
Ion Ratio Lower Upper

70 100

42 50.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

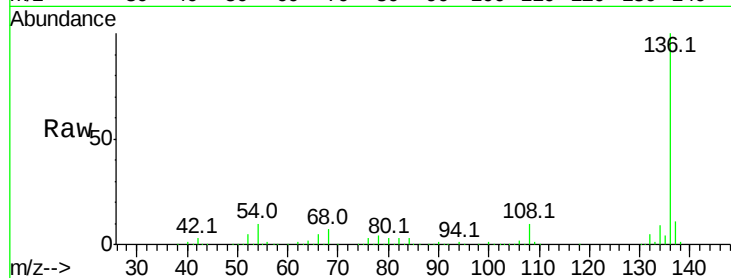




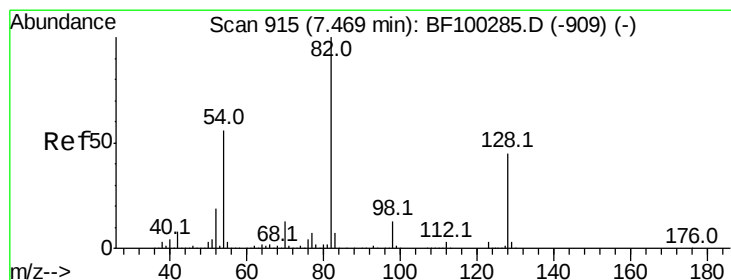
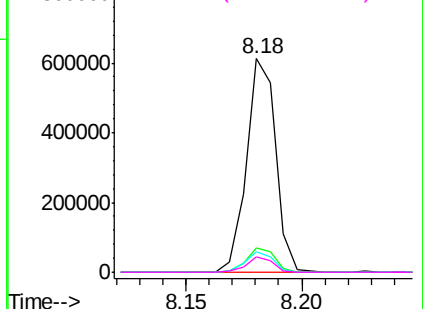
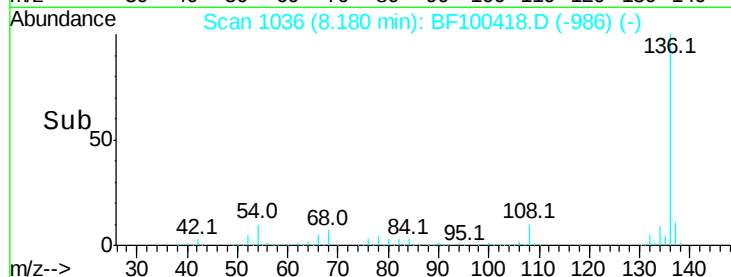
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100418.D
Acq: 11 Nov 2017 3:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	541256
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.9	6.6	9.8#
68	7.0	5.0	7.4

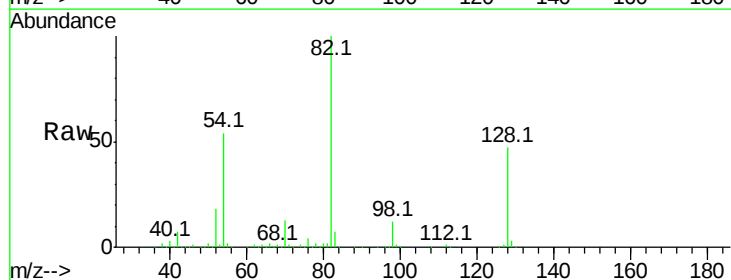


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

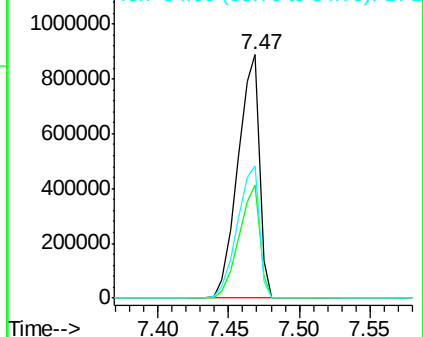
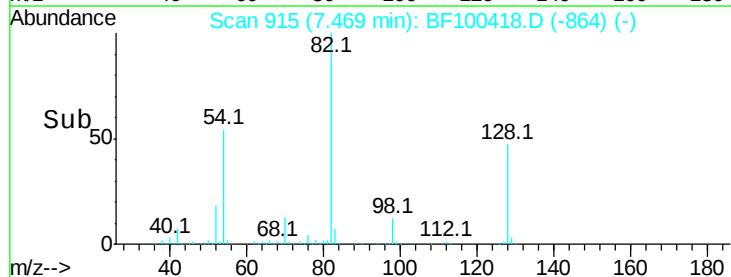


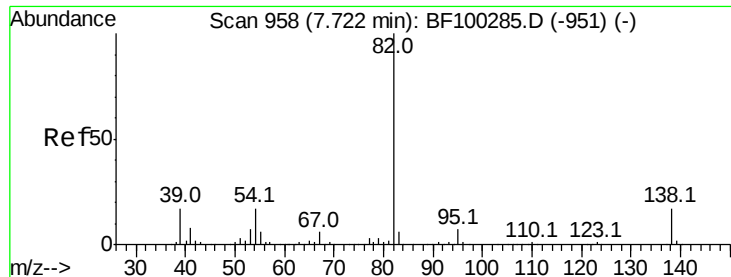
#23
Nitrobenzene-d5
Concen: 114.894 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF100418.D
Acq: 11 Nov 2017 3:55

Tgt Ion:	82	Resp:	940612
Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	54.4	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: 54.666 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.26 min

Lab File: BF100418.D

Acq: 11 Nov 2017 3:55

Instrument :

BNA_F

ClientSampled :

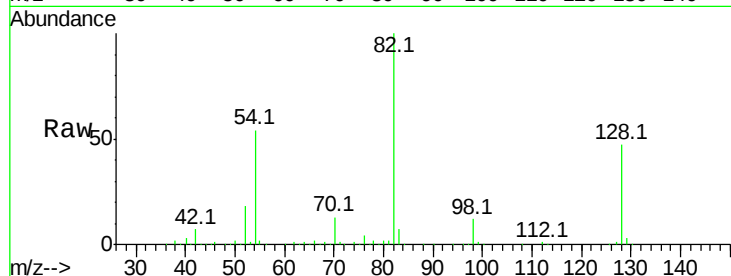
Tot Ion: 82 Resp: 940466

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

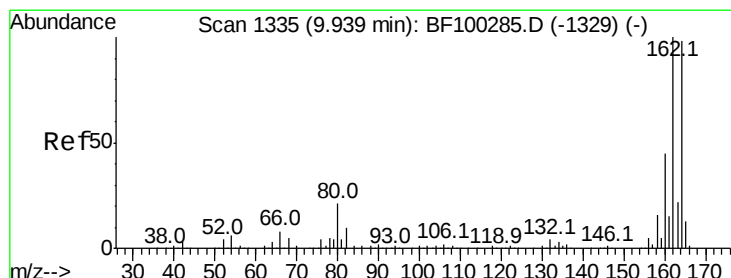
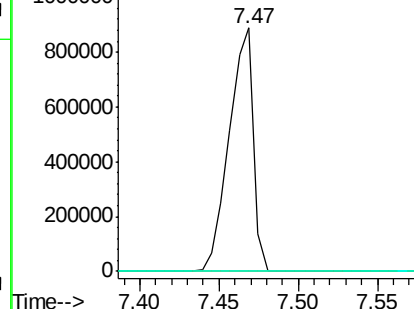
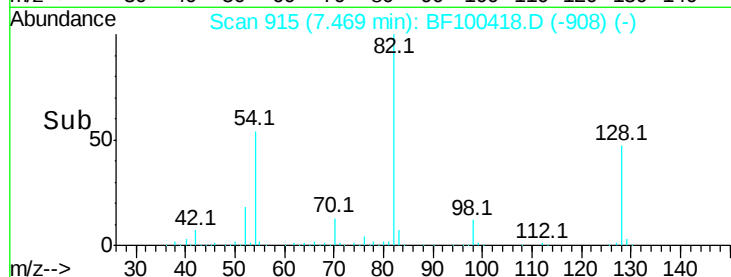
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF100418.D

Acq: 11 Nov 2017 3:55

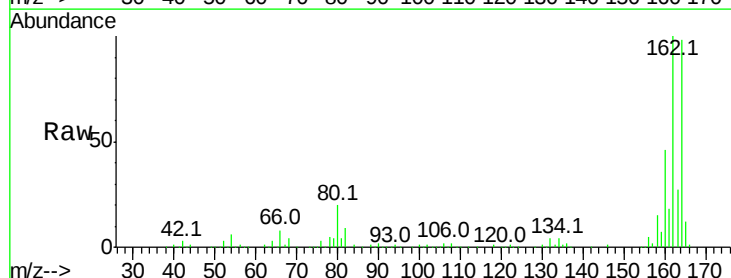
Tgt Ion:164 Resp: 232301

Ion Ratio Lower Upper

164 100

162 102.5 86.1 129.1

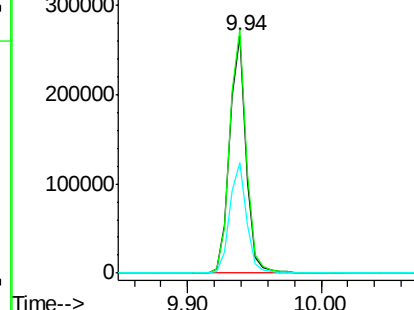
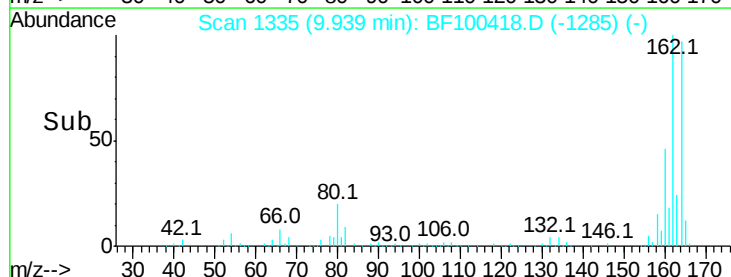
160 46.8 38.3 57.5

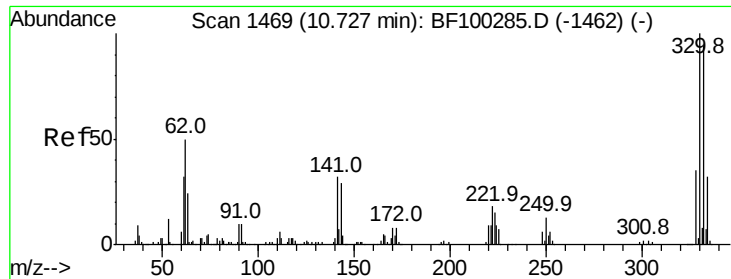


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

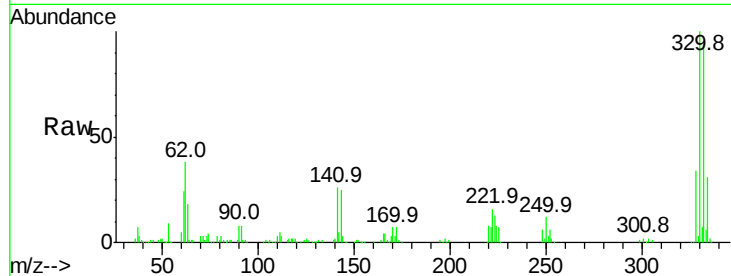




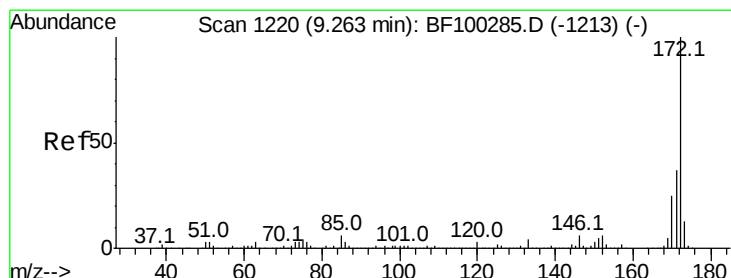
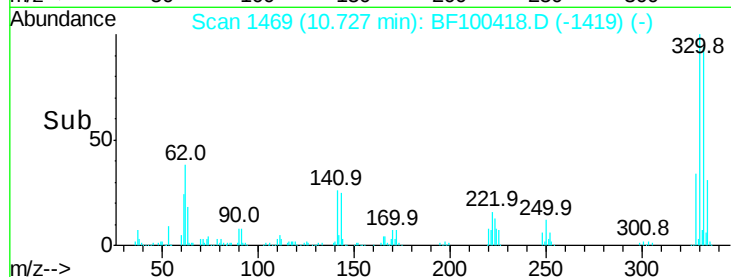
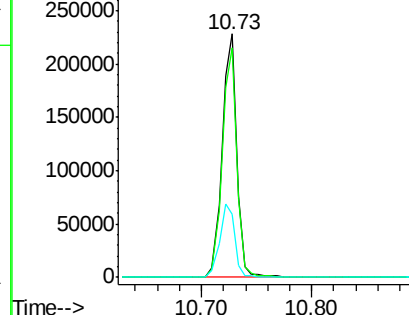
#41
 2,4,6-Tribromophenol
 Concen: 88.747 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100418.D
 Acq: 11 Nov 2017 3:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.0	115.6
141	30.8	29.9	44.9

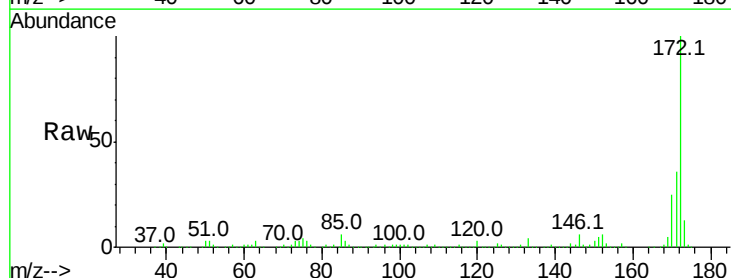


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

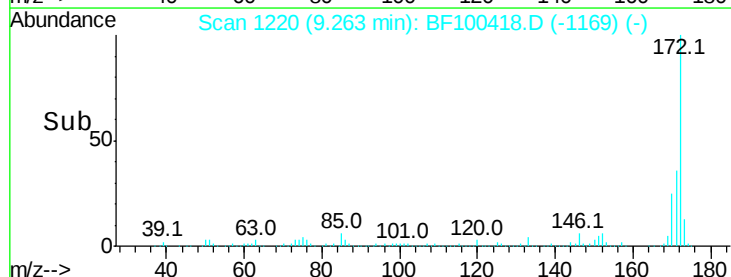
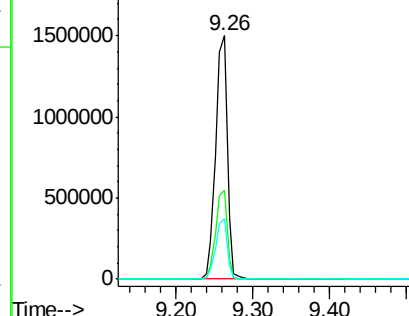


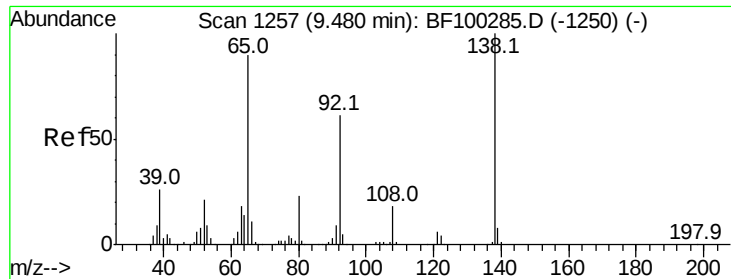
#44
 2-Fluorobiphenyl
 Concen: 101.903 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF100418.D
 Acq: 11 Nov 2017 3:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.7	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

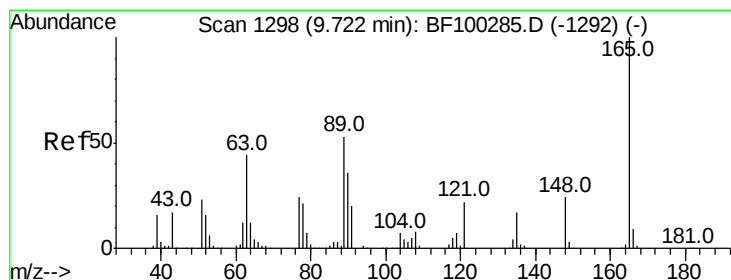
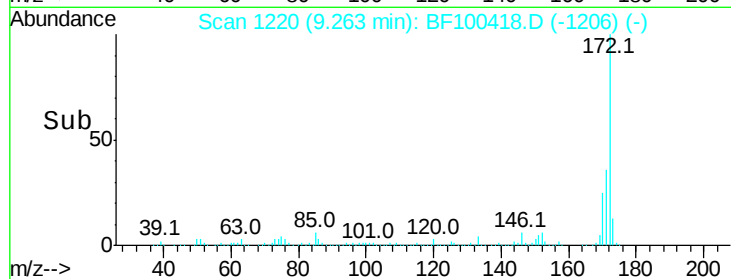
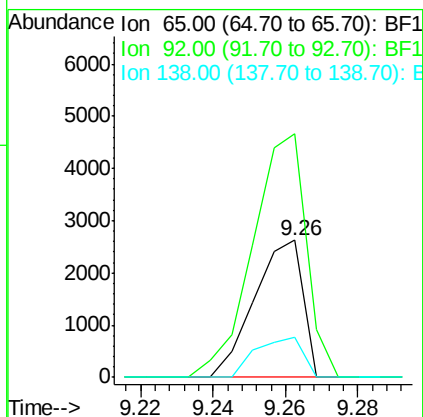
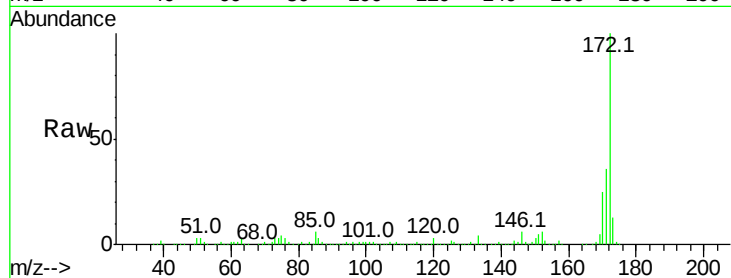




#47
2-Nitroaniline
Concen: 3.322 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.22 min
Lab File: BF100418.D
Acq: 11 Nov 2017 3:55

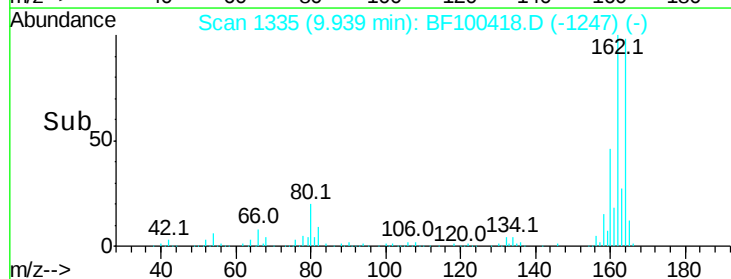
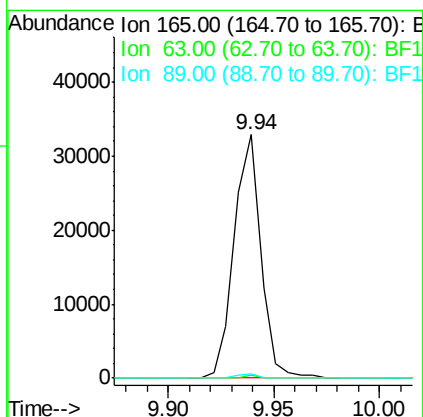
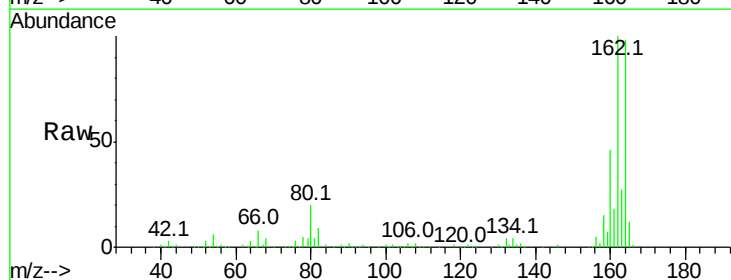
Instrument :
BNA_F
ClientSampleId :

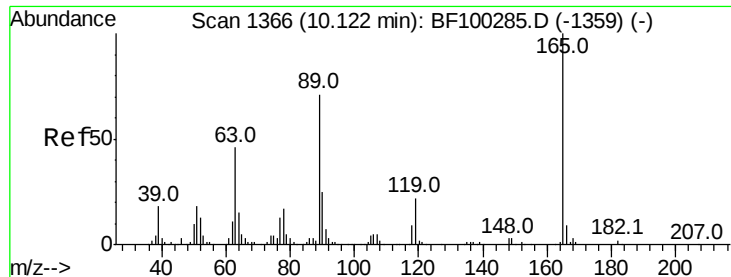
Tot Ion: 65 Resp: 2458
Ion Ratio Lower Upper
65 100
92 177.6 55.8 83.6#
138 28.9 91.2 136.8#



#50
2,6-Dinitrotoluene
Concen: 8.192 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.22 min
Lab File: BF100418.D
Acq: 11 Nov 2017 3:55

Tgt Ion:165 Resp: 28762
Ion Ratio Lower Upper
165 100
63 1.0 44.7 67.1#
89 1.8 44.0 66.0#

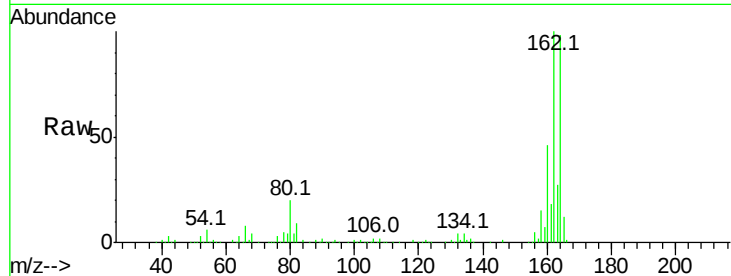




#56
2,4-Dinitrotoluene
Concen: 6.494 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.19 min
Lab File: BF100418.D
Acq: 11 Nov 2017 3:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

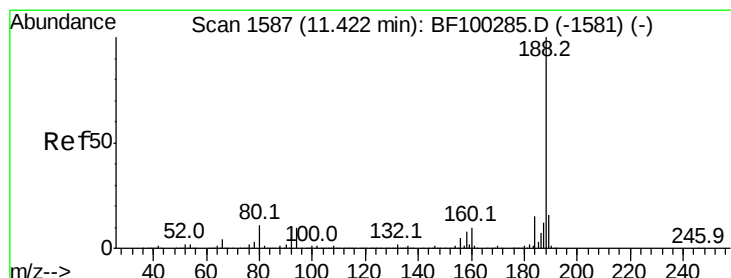
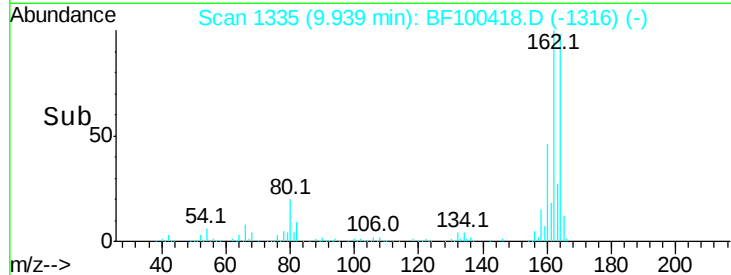
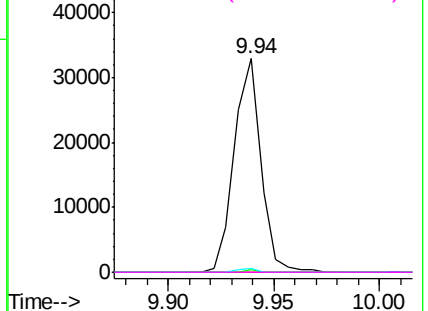


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

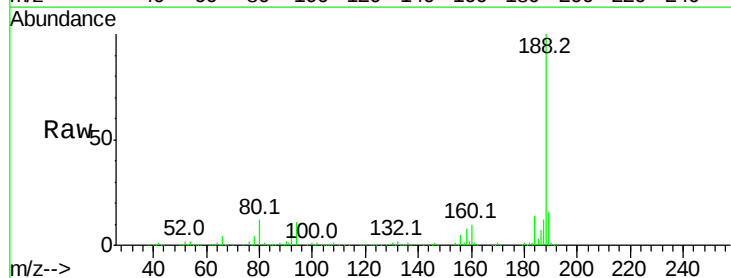
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF100418.D
Acq: 11 Nov 2017 3:55

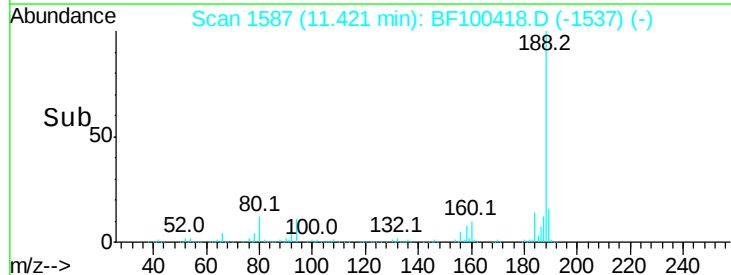
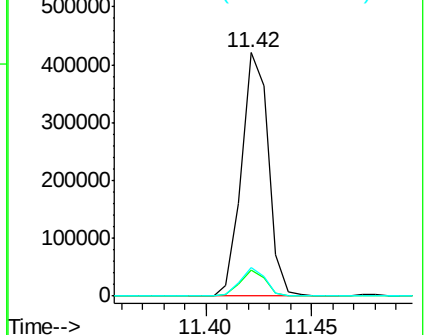
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.9	9.2	13.8

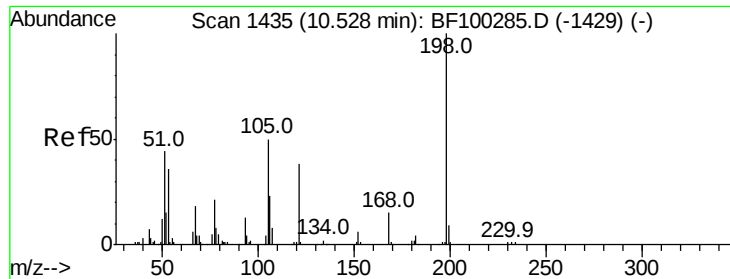


Abundance Ion 188.00 (187.70 to 188.70): E

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: 8.699 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.19 min

Lab File: BF100418.D

Acq: 11 Nov 2017 3:55

Instrument :

BNA_F

ClientSampleId :

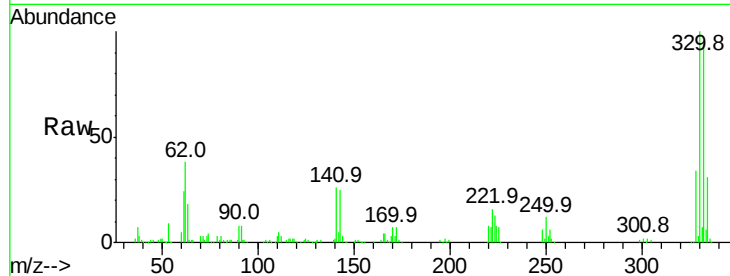
Tot Ion:198 Resp: 294

Ion Ratio Lower Upper

198 100

51 204.1 37.7 77.7#

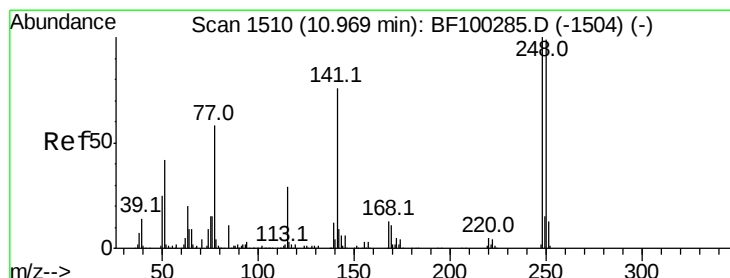
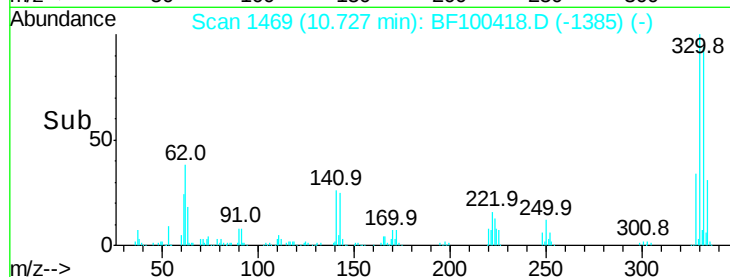
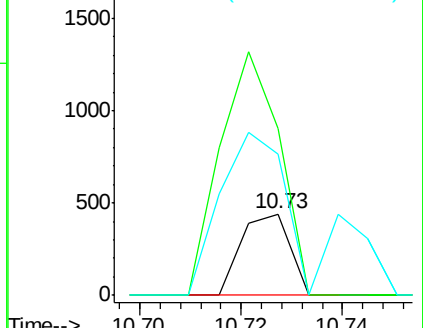
105 173.2 36.3 76.3#



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: 3.351 ng

RT: 10.73 min Scan# 1469

Delta R.T. -0.24 min

Lab File: BF100418.D

Acq: 11 Nov 2017 3:55

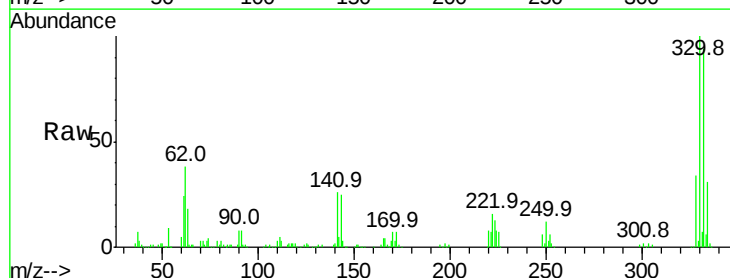
Tgt Ion:248 Resp: 13273

Ion Ratio Lower Upper

248 100

250 191.8 76.9 115.3#

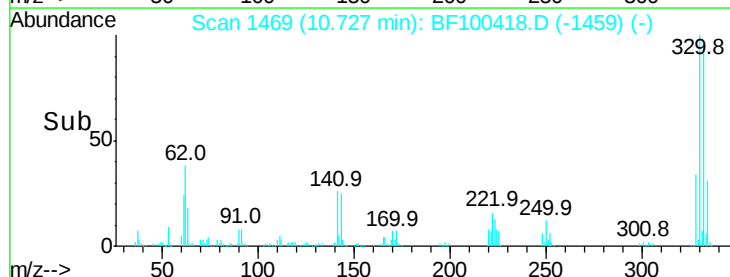
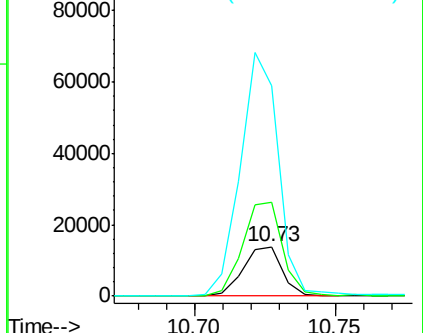
141 428.7 74.4 111.6#

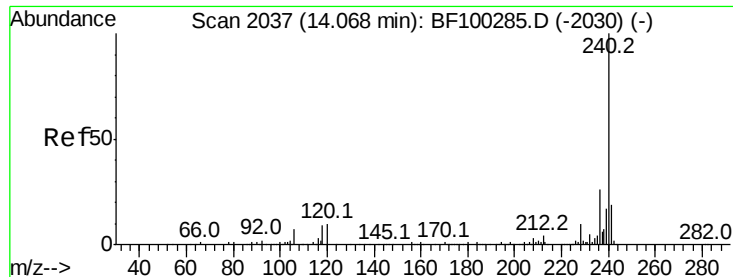


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100418.D

Acq: 11 Nov 2017 3:55

Instrument :

BNA_F

ClientSampleId :

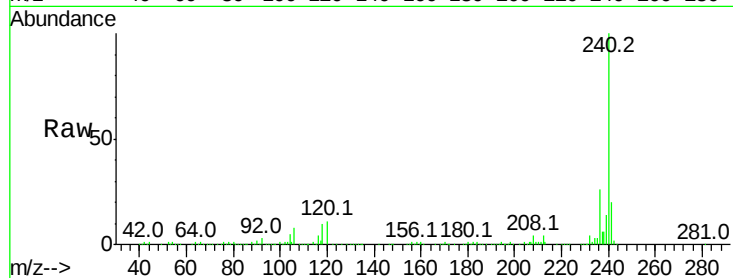
Tot Ion:240 Resp: 291222

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

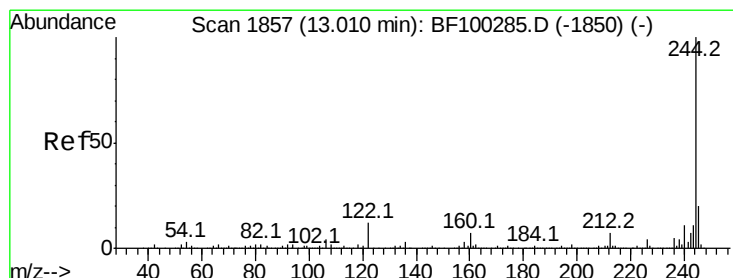
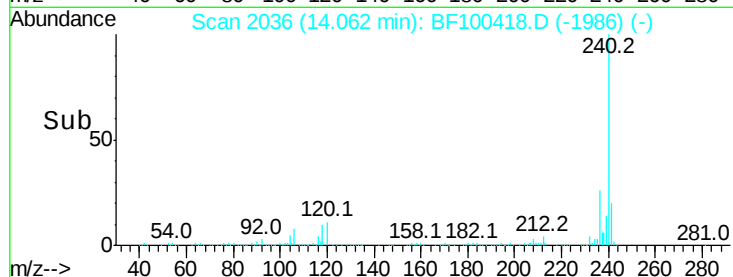
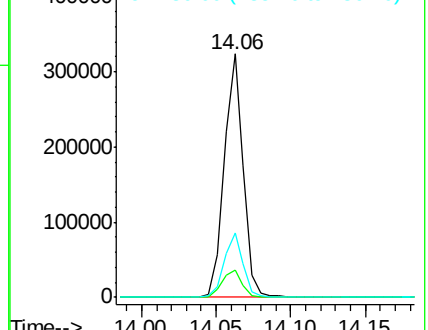
236 26.2 20.7 31.1



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: 90.075 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100418.D

Acq: 11 Nov 2017 3:55

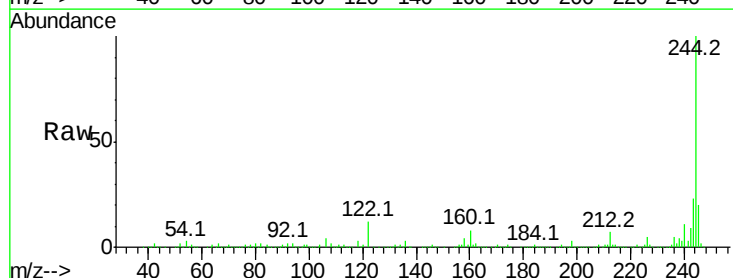
Tgt Ion:244 Resp: 1141649

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

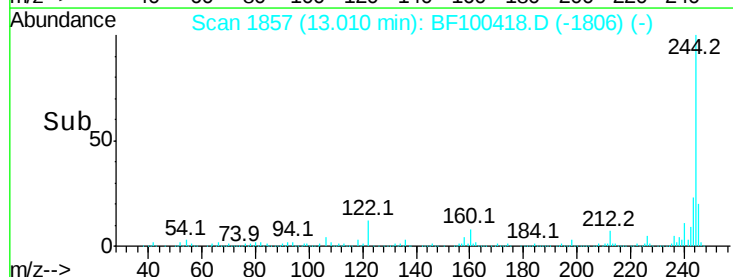
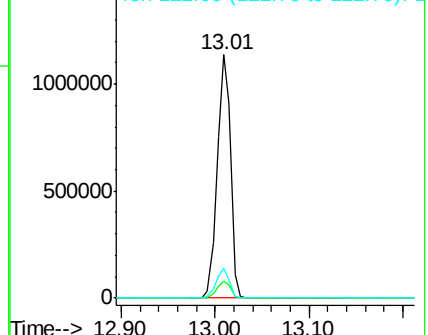
122 12.0 11.0 16.4

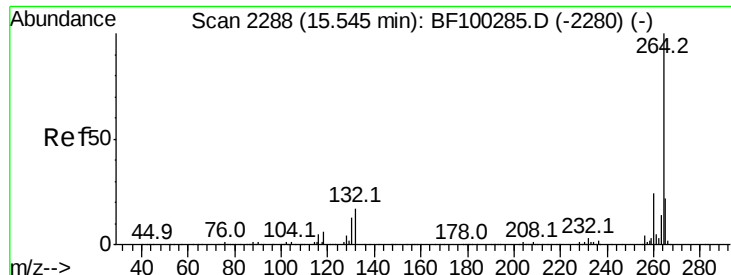


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

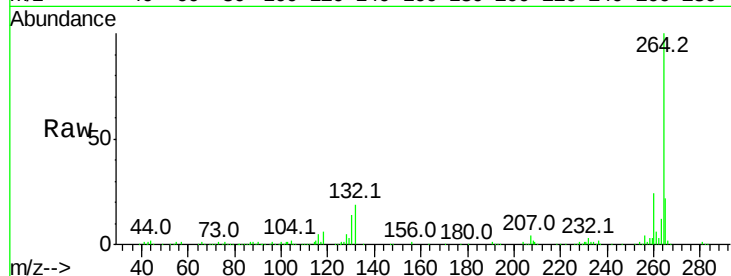




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. -0.00 min
 Lab File: BF100418.D
 Acq: 11 Nov 2017 3:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.1	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

