

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\
 Data File : BF100352.D
 Acq On : 9 Nov 2017 20:35
 Operator : SJ/JU
 Sample : PB104074BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 10 00:27:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 16:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	163274	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	666285	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	319921	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	644531	20.00	ng	0.00
75) Chrysene-d12	14.06	240	533242	20.00	ng	0.00
86) Perylene-d12	15.54	264	397467	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1133820	111.32	ng	0.02
7) Phenol-d6	6.53	99	1378087	109.72	ng	0.00
23) Nitrobenzene-d5	7.46	82	878854	87.21	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	385884	118.37	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1649353	78.50	ng	0.00
78) Terphenyl-d14	13.02	244	1659311	71.50	ng	0.00

Target Compounds

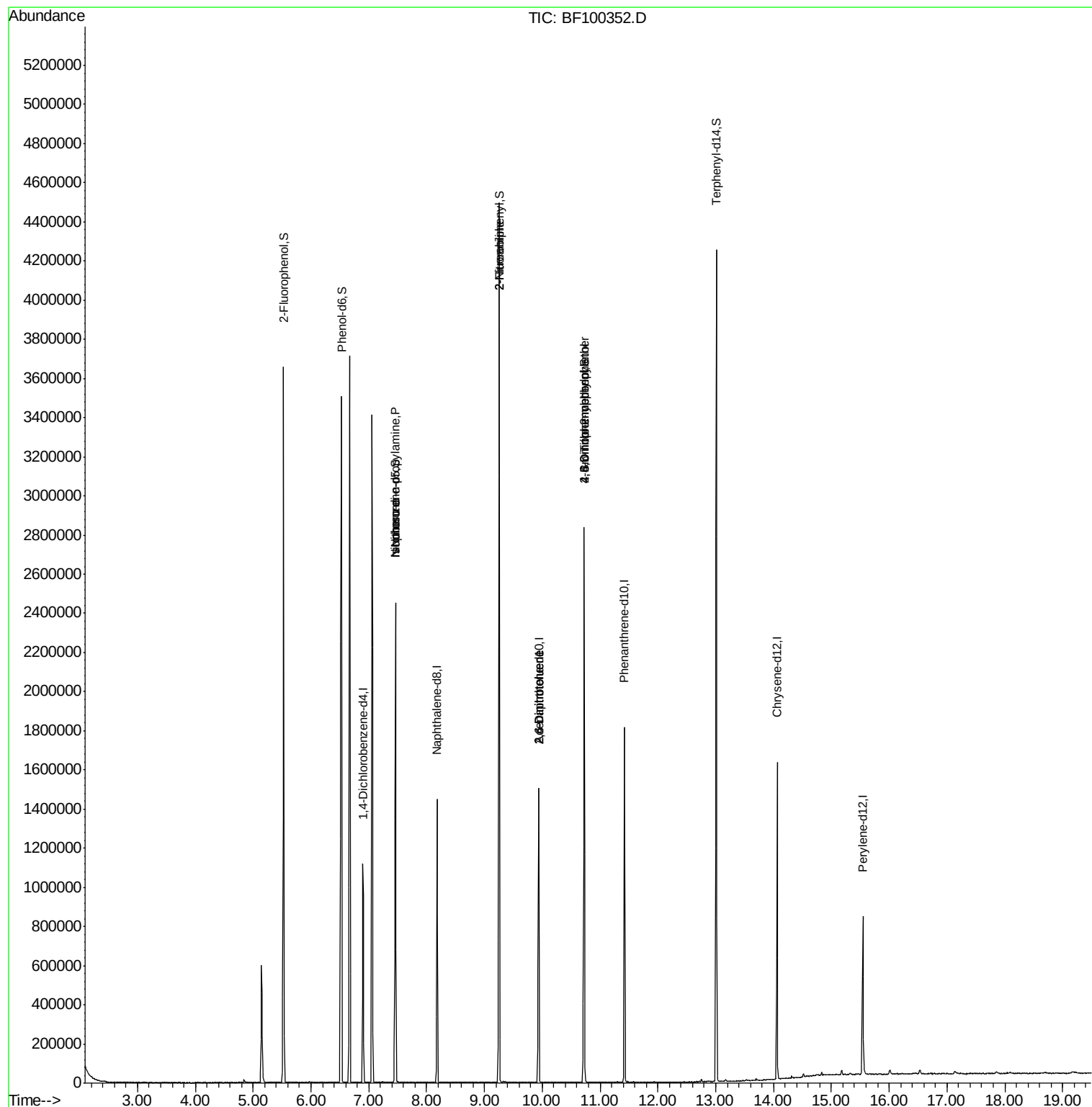
						Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	116772	13.406	ng	# 83
25) Isophorone	7.46	82	877666	41.442	ng	# 64
47) 2-Nitroaniline	9.26	65	2633	3.202	ng	# 1
50) 2,6-Dinitrotoluene	9.94	165	41430	8.569	ng	# 25
56) 2,4-Dinitrotoluene	9.94	165	41430	6.792	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.73	198	890	8.795	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	24025	3.477	ng	# 1

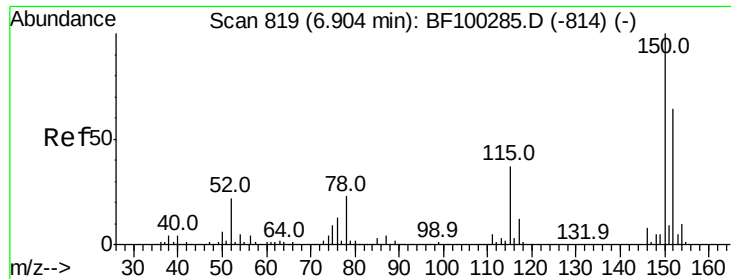
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110917\
Data File : BF100352.D
Acq On : 9 Nov 2017 20:35
Operator : SJ/JU
Sample : PB104074BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 10 00:27:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 09 16:04:38 2017
Response via : Initial Calibration



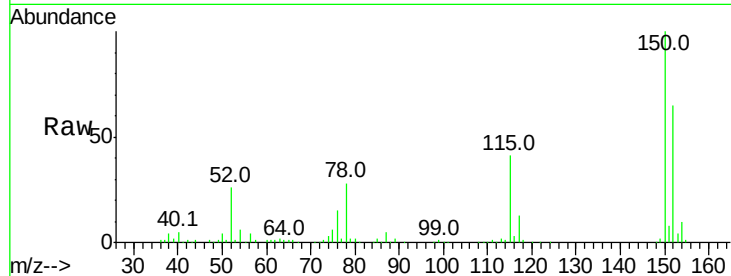


#1

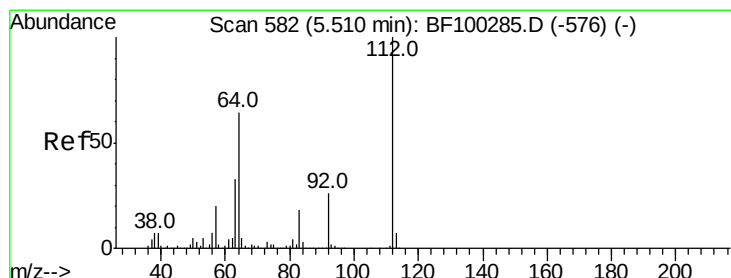
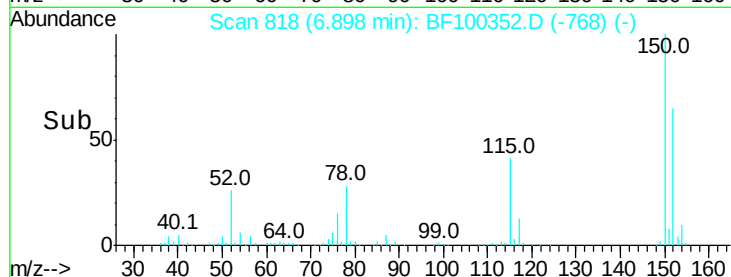
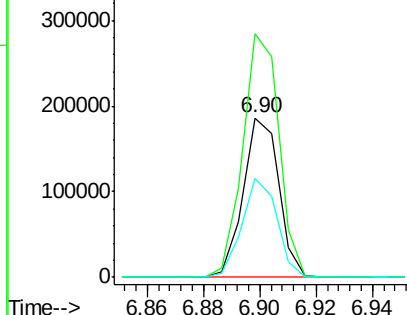
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF100352.D
 Acq: 9 Nov 2017 20:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 163274
 Ion Ratio Lower Upper
 152 100
 150 152.8 124.6 186.8
 115 62.3 50.1 75.1



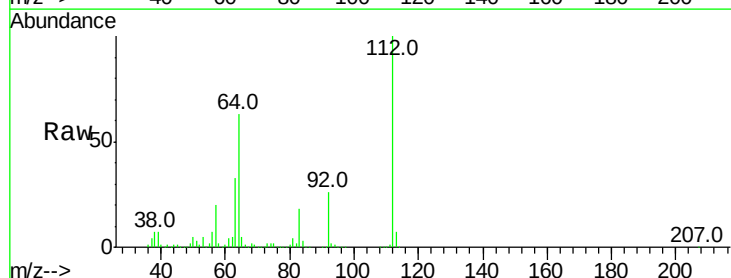
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



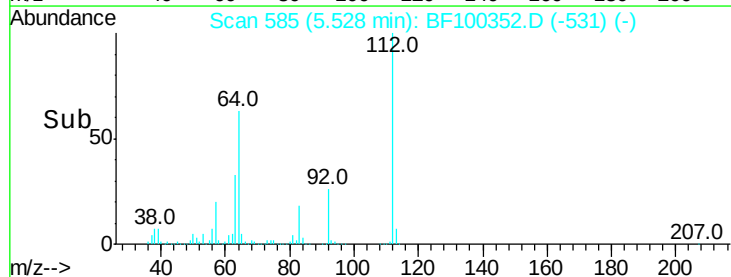
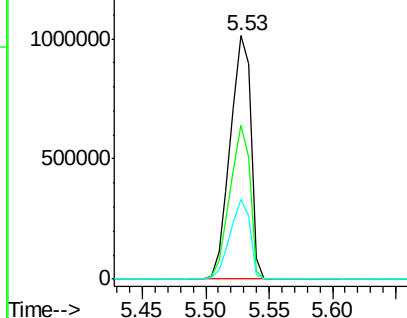
#5

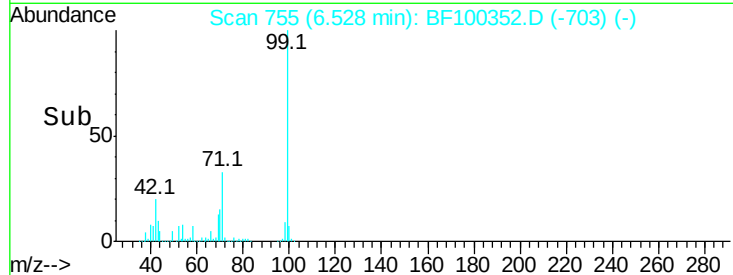
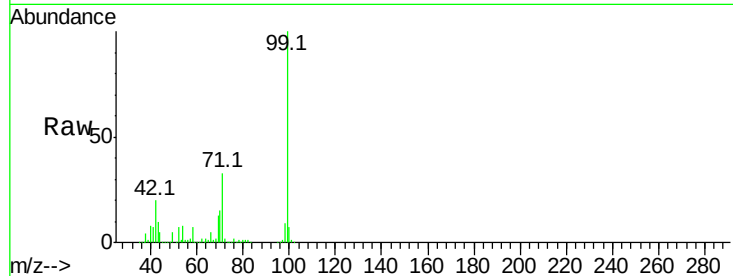
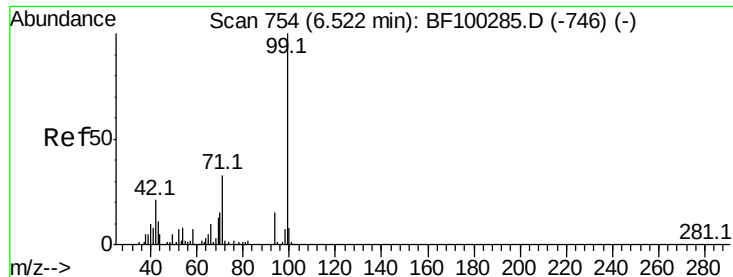
2-Fluorophenol
 Concen: 111.316 ng
 RT: 5.53 min Scan# 585
 Delta R.T. 0.02 min
 Lab File: BF100352.D
 Acq: 9 Nov 2017 20:35

Tgt Ion:112 Resp: 1133820
 Ion Ratio Lower Upper
 112 100
 64 63.0 47.9 71.9
 63 32.9 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: 109.719 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF100352.D

Acq: 9 Nov 2017 20:35

Instrument :

BNA_F

ClientSampleId :

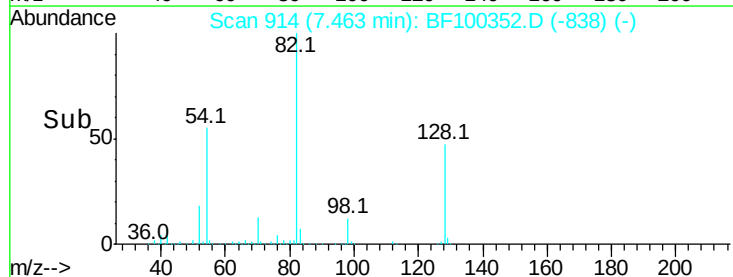
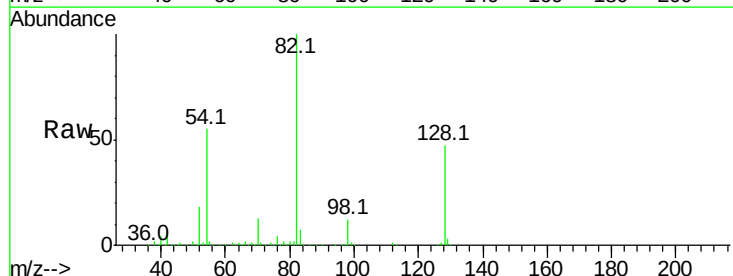
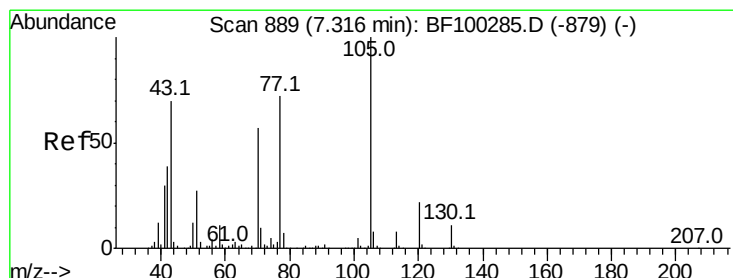
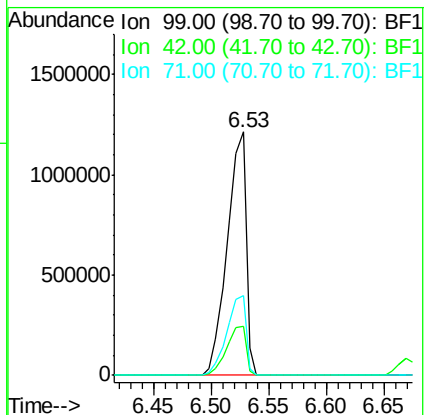
Tot Ion: 99 Resp: 1378087

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

71 32.9 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.406 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.15 min

Lab File: BF100352.D

Acq: 9 Nov 2017 20:35

Tgt Ion: 70 Resp: 116772

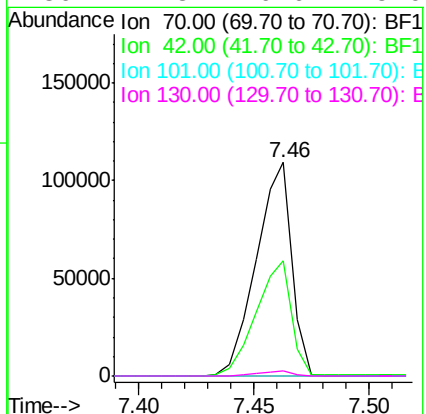
Ion Ratio Lower Upper

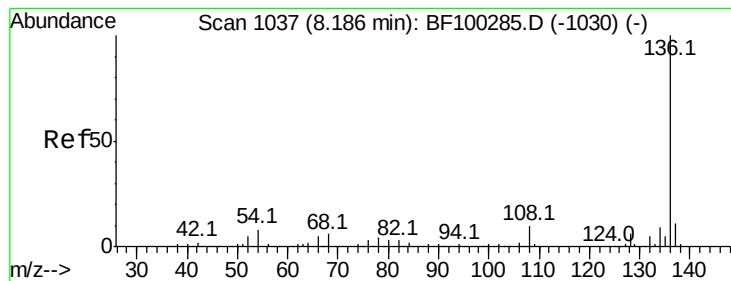
70 100

42 53.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 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: BF100352.D

Acq: 9 Nov 2017 20:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 666285

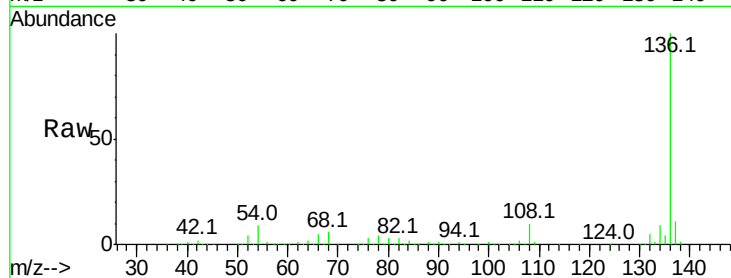
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.0 6.6 9.8

68 6.2 5.0 7.4

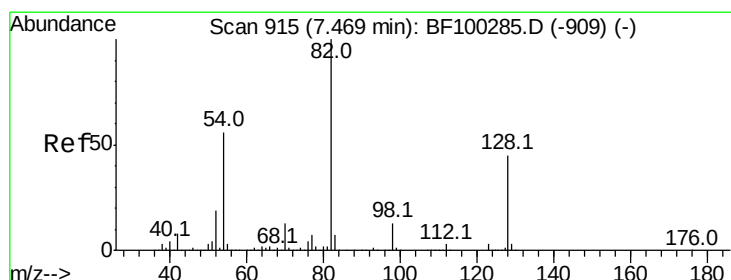
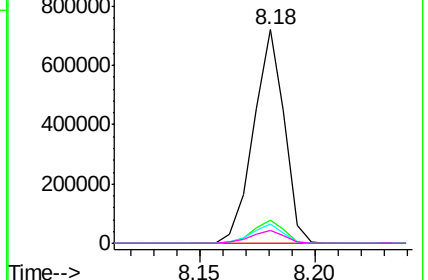
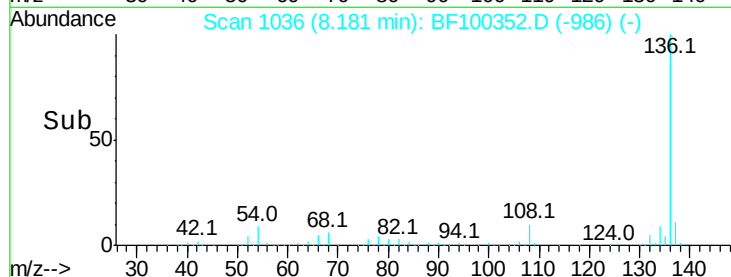


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.206 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF100352.D

Acq: 9 Nov 2017 20:35

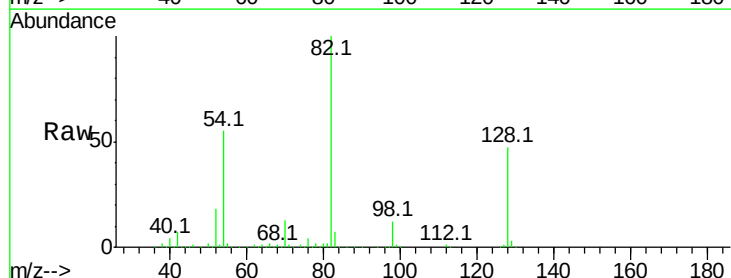
Tgt Ion: 82 Resp: 878854

Ion Ratio Lower Upper

82 100

128 46.6 36.1 54.1

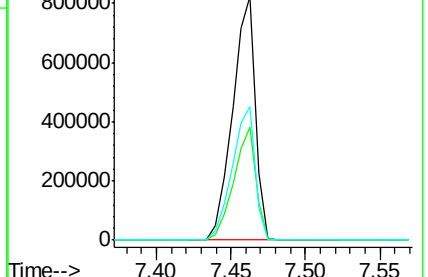
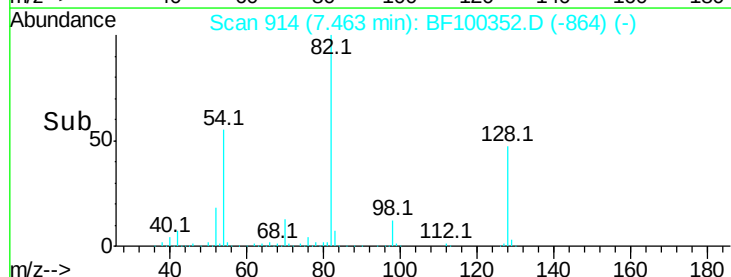
54 54.8 41.4 62.2

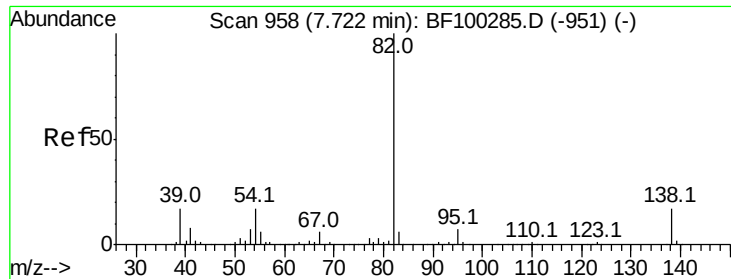


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 41.442 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.26 min

Lab File: BF100352.D

Acq: 9 Nov 2017 20:35

Instrument :

BNA_F

ClientSampleId :

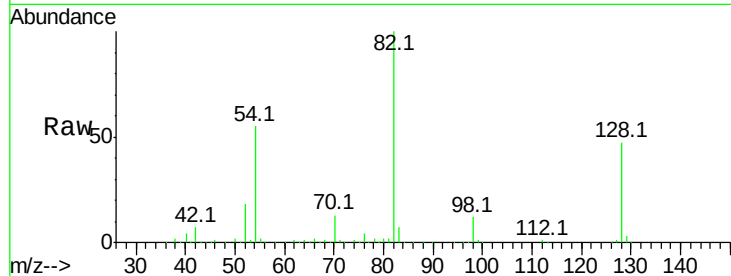
Tot Ion: 82 Resp: 877666

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

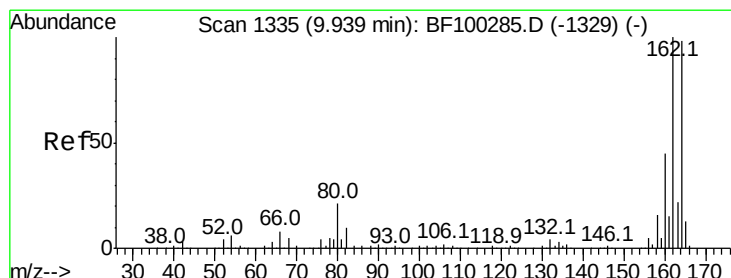
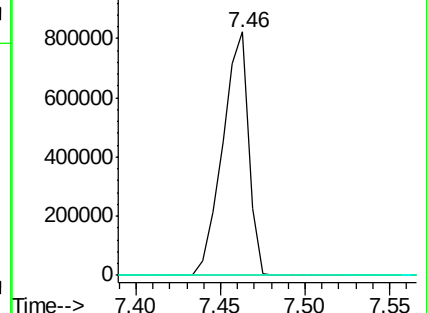
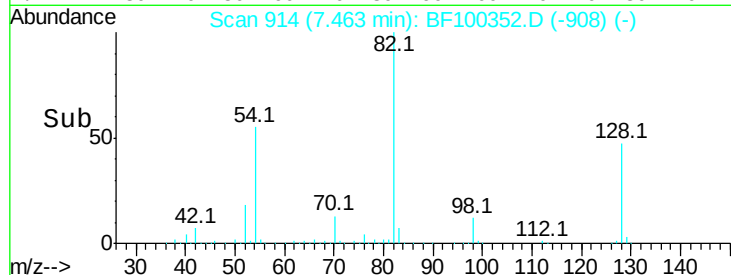
138 0.0 14.9 22.3#



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. 0.00 min

Lab File: BF100352.D

Acq: 9 Nov 2017 20:35

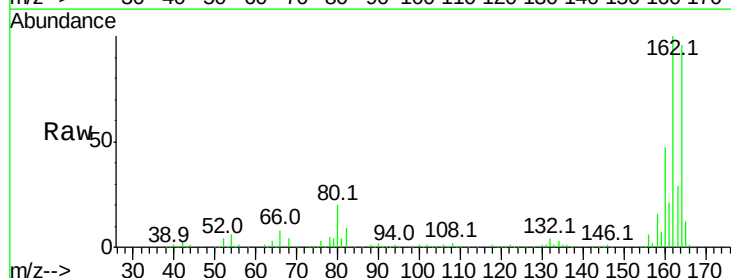
Tgt Ion:164 Resp: 319921

Ion Ratio Lower Upper

164 100

162 104.5 86.1 129.1

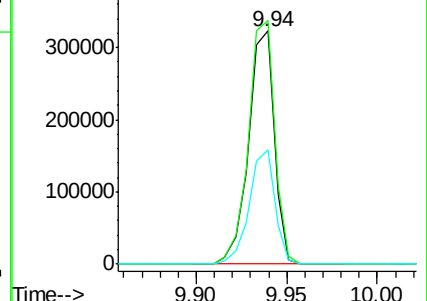
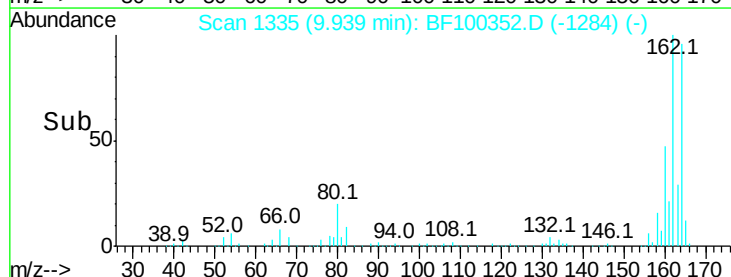
160 49.3 38.3 57.5

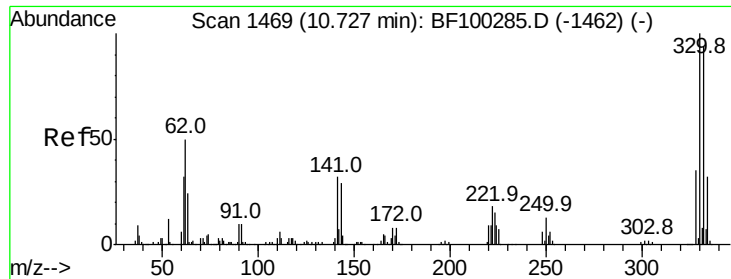


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

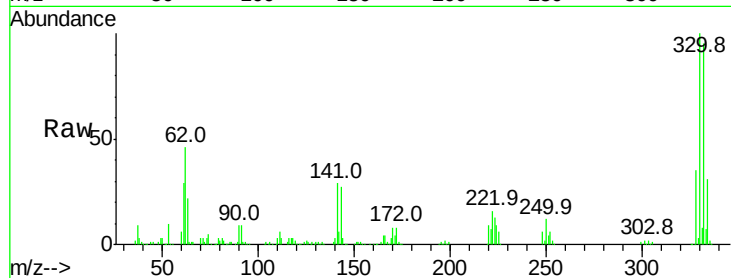




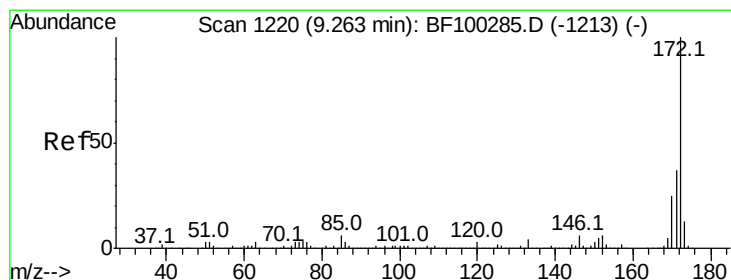
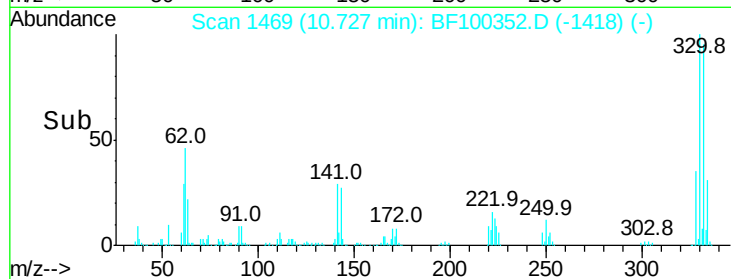
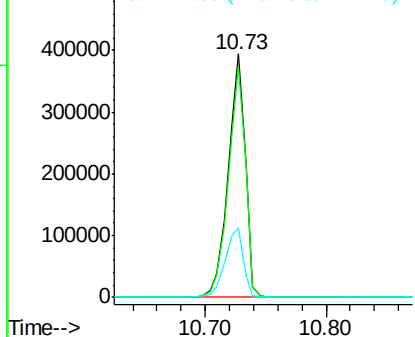
#41
 2,4,6-Tribromophenol
 Concen: 118.369 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: BF100352.D
 Acq: 9 Nov 2017 20:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	30.2	29.9	44.9

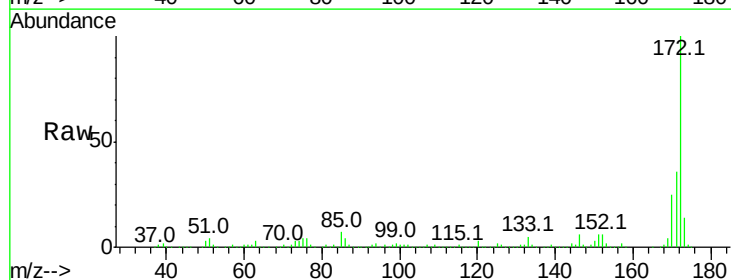


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

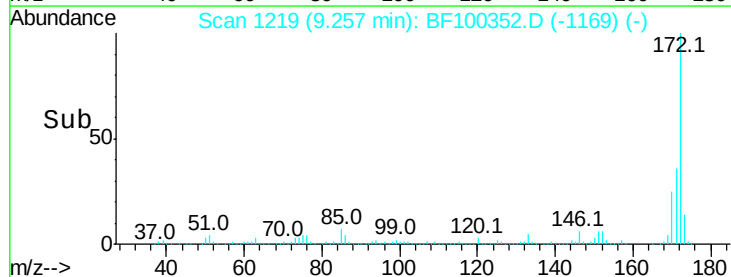
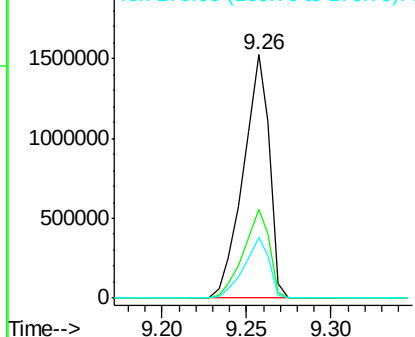


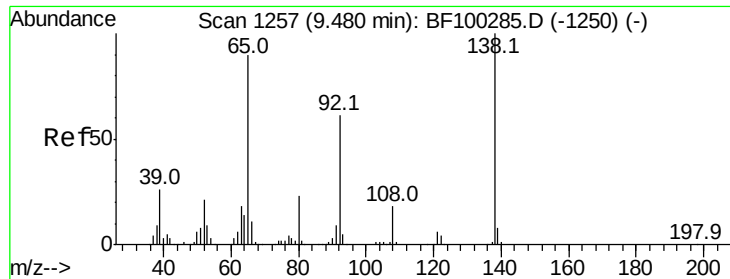
#44
 2-Fluorobiphenyl
 Concen: 78.503 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100352.D
 Acq: 9 Nov 2017 20:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	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

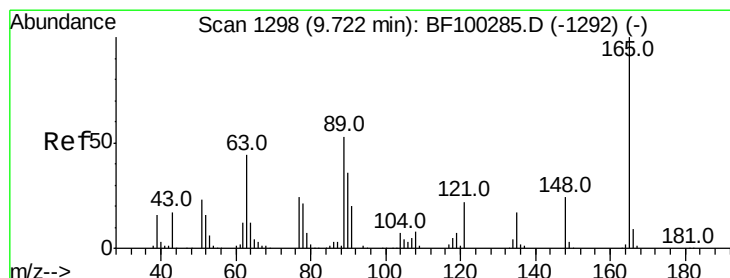
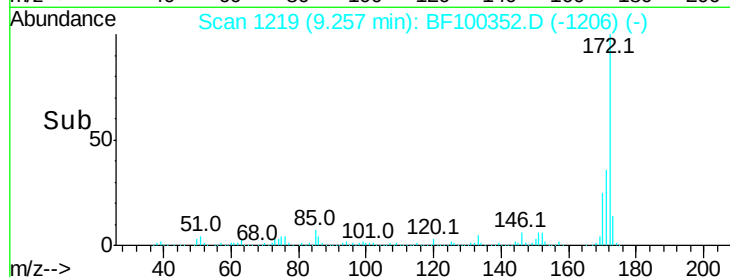
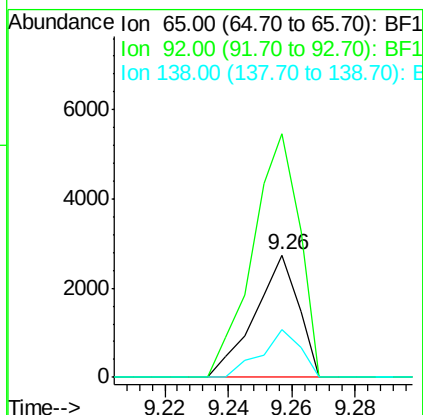
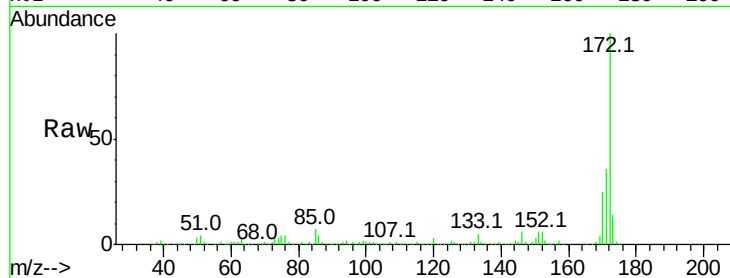




#47
2-Nitroaniline
Concen: 3.202 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.22 min
Lab File: BF100352.D
Acq: 9 Nov 2017 20:35

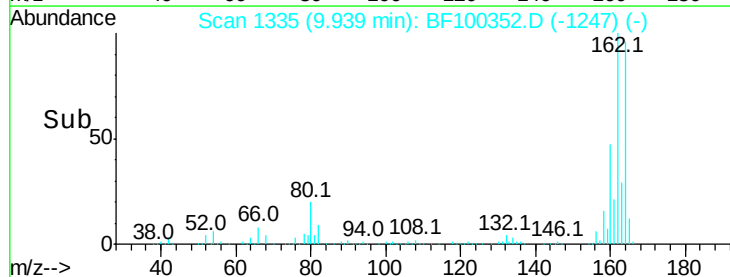
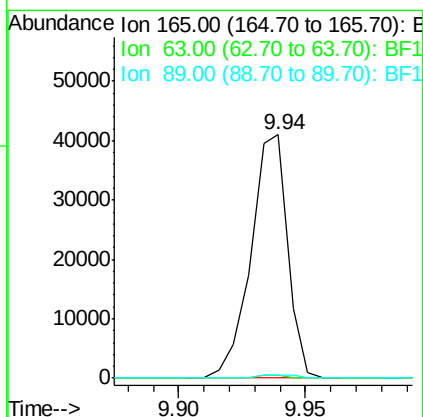
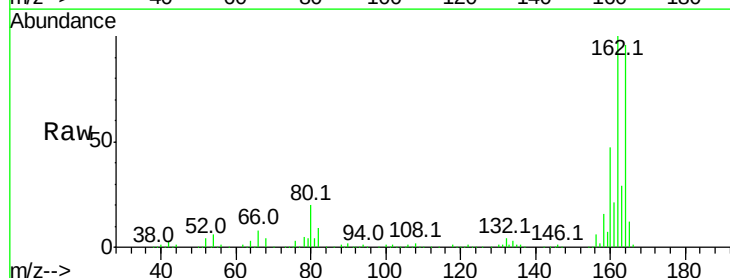
Instrument :
BNA_F
ClientSampled :

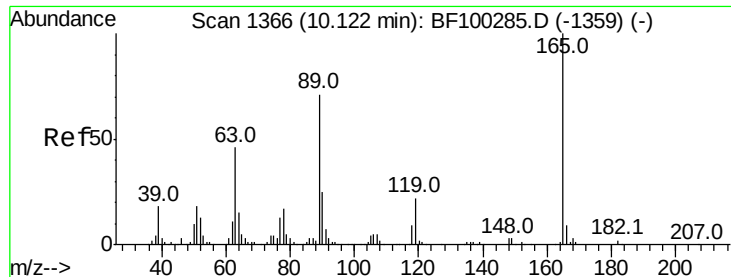
Tot Ion: 65 Resp: 2633
Ion Ratio Lower Upper
65 100
92 199.2 55.8 83.6#
138 38.6 91.2 136.8#



#50
2,6-Dinitrotoluene
Concen: 8.569 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.22 min
Lab File: BF100352.D
Acq: 9 Nov 2017 20:35

Tgt Ion:165 Resp: 41430
Ion Ratio Lower Upper
165 100
63 1.5 44.7 67.1#
89 1.2 44.0 66.0#

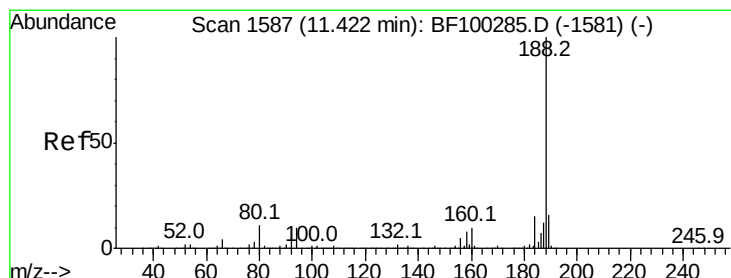
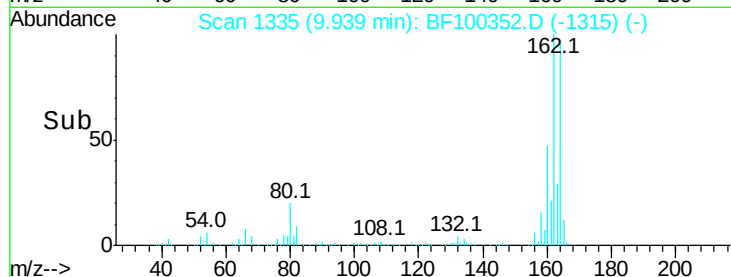
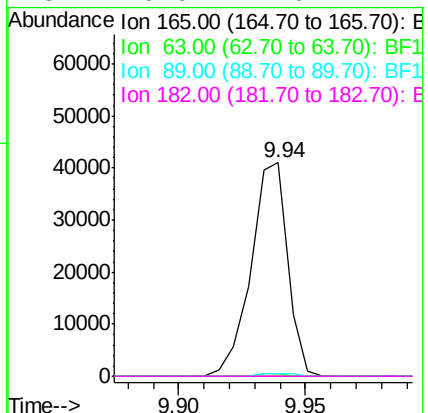
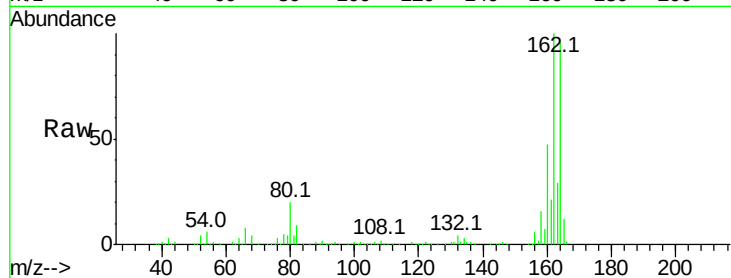




#56
 2,4-Dinitrotoluene
 Concen: 6.792 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.18 min
 Lab File: BF100352.D
 Acq: 9 Nov 2017 20:35

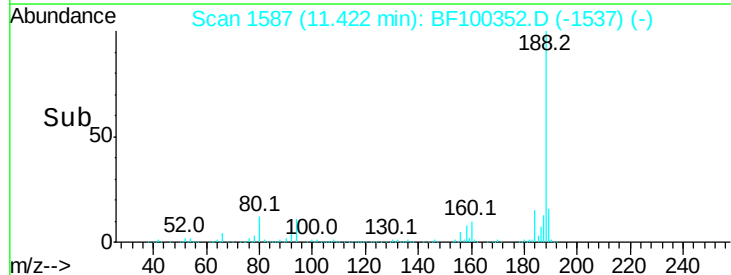
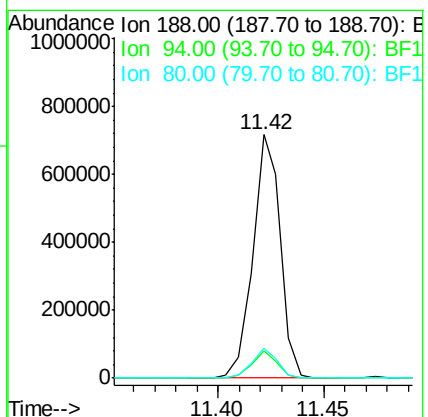
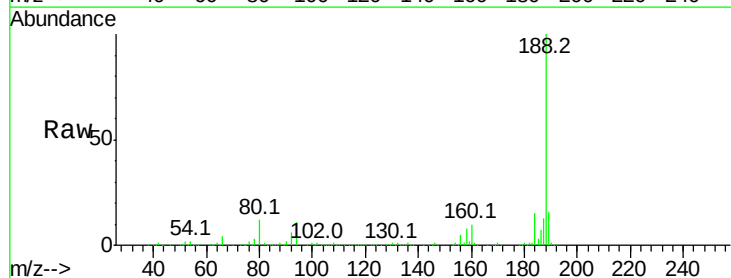
Instrument :
 BNA_F
 ClientSampleId :

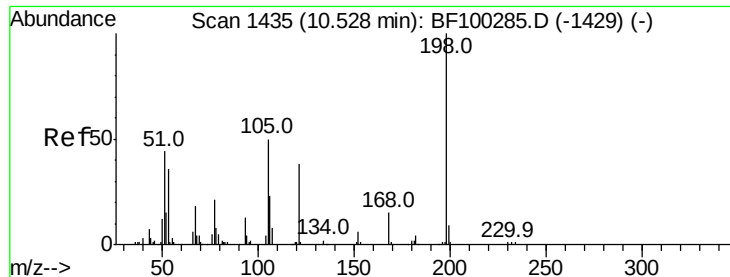
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF100352.D
 Acq: 9 Nov 2017 20:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	12.1	9.2	13.8

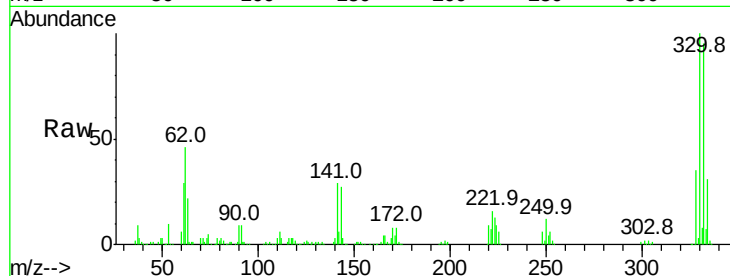




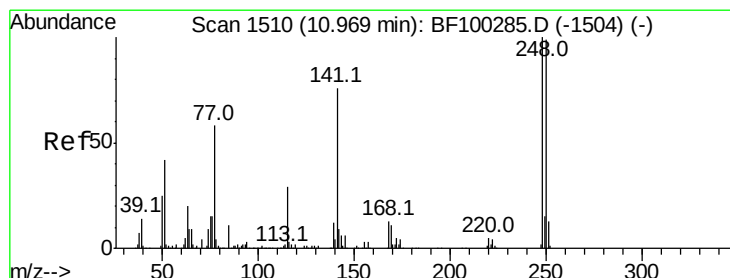
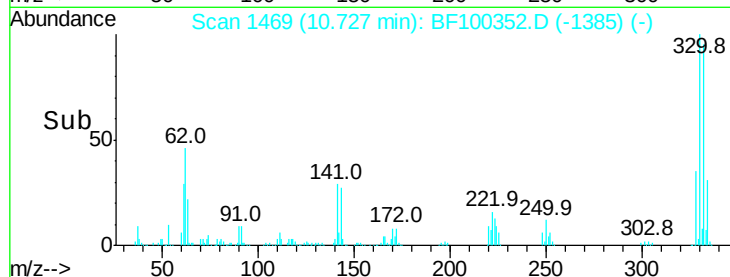
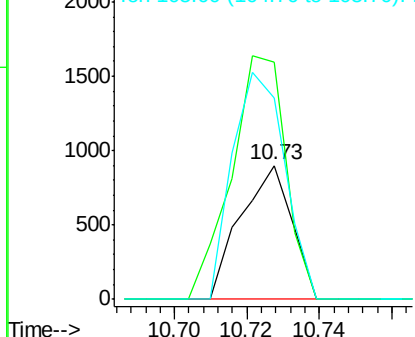
#64
4,6-Dinitro-2-methylphenol
Concen: 8.795 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.19 min
Lab File: BF100352.D
Acq: 9 Nov 2017 20:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 890
Ion Ratio Lower Upper
198 100
51 176.7 37.7 77.7#
105 149.8 36.3 76.3#

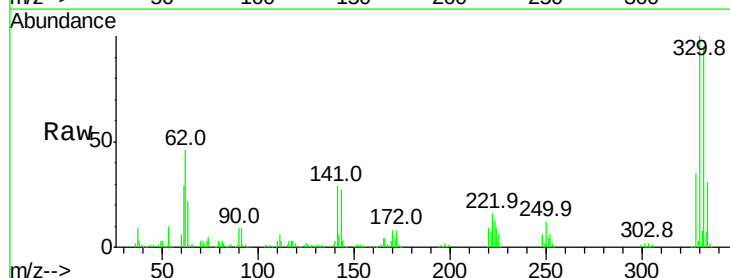


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

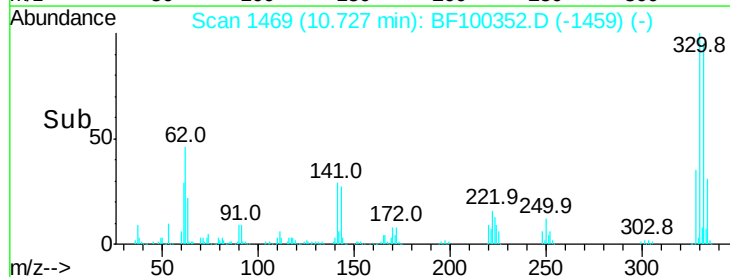
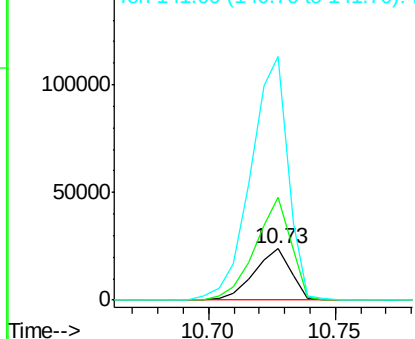


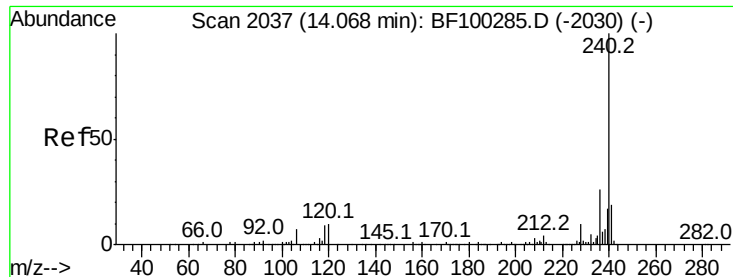
#66
4-Bromophenyl-phenylether
Concen: 3.477 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF100352.D
Acq: 9 Nov 2017 20:35

Tgt Ion:248 Resp: 24025
Ion Ratio Lower Upper
248 100
250 199.6 76.9 115.3#
141 474.2 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: BF100352.D

Acq: 9 Nov 2017 20:35

Instrument :

BNA_F

ClientSampleId :

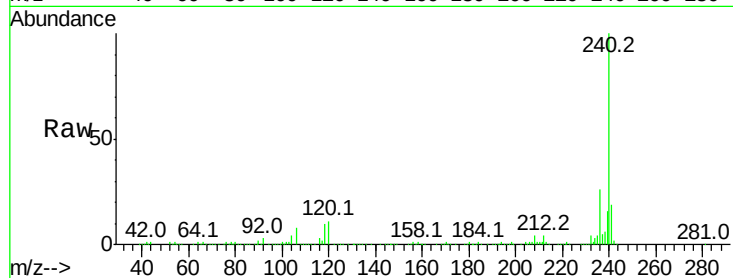
Tot Ion:240 Resp: 533242

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

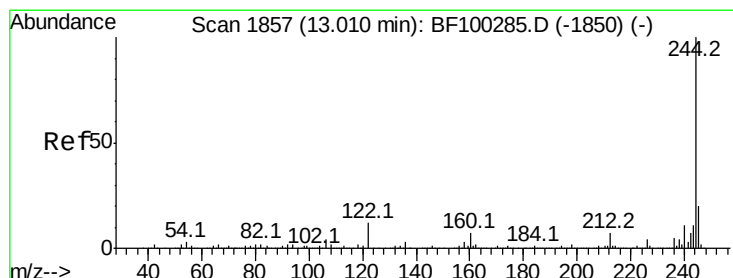
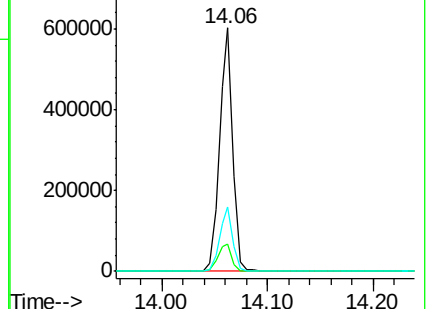
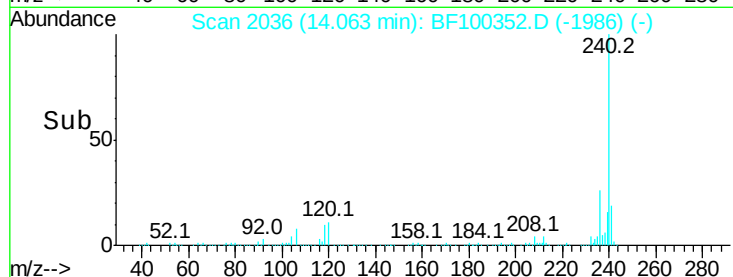
236 26.2 20.7 31.1



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: 71.499 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.01 min

Lab File: BF100352.D

Acq: 9 Nov 2017 20:35

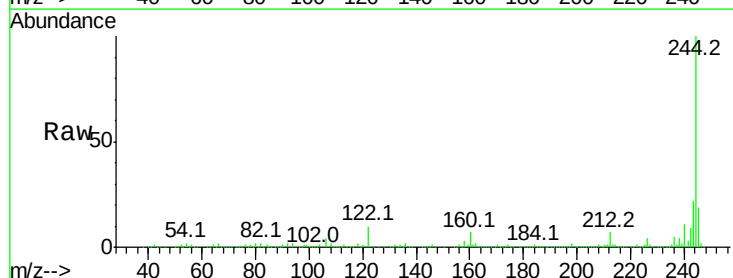
Tgt Ion:244 Resp: 1659311

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

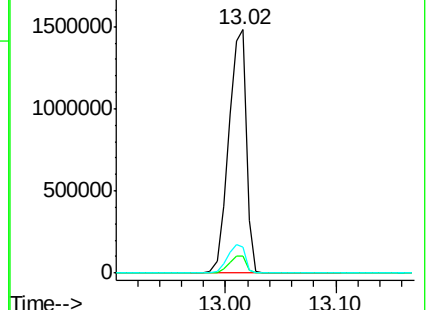
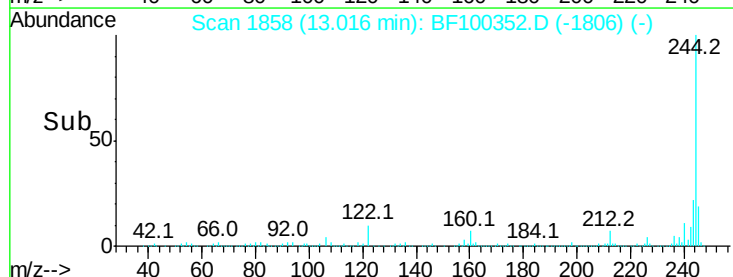
122 10.5 11.0 16.4#

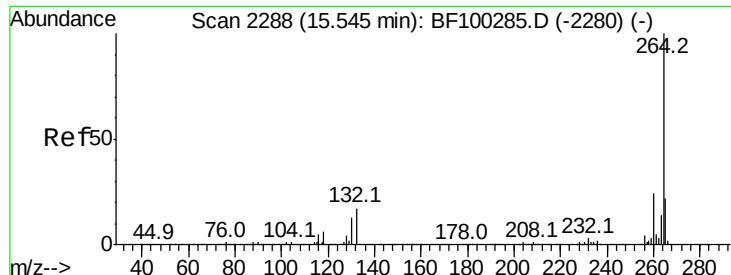


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BF100352.D
Acq: 9 Nov 2017 20:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.8	17.5	26.3

