

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111417\
 Data File : BF100575.D
 Acq On : 15 Nov 2017 7:53
 Operator : SJ/JU
 Sample : I6307-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 15 11:11:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 14 14:17:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	101665	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	364325	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	131938	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	222328	20.00	ng	0.00
75) Chrysene-d12	14.04	240	231772	20.00	ng	-0.01
86) Perylene-d12	15.52	264	157242	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	833066	131.35	ng	0.02
7) Phenol-d6	6.51	99	914727	116.96	ng	0.00
23) Nitrobenzene-d5	7.45	82	651437	118.22	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	193624	144.02	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1055684	121.84	ng	0.00
78) Terphenyl-d14	12.99	244	891496	88.38	ng	0.00

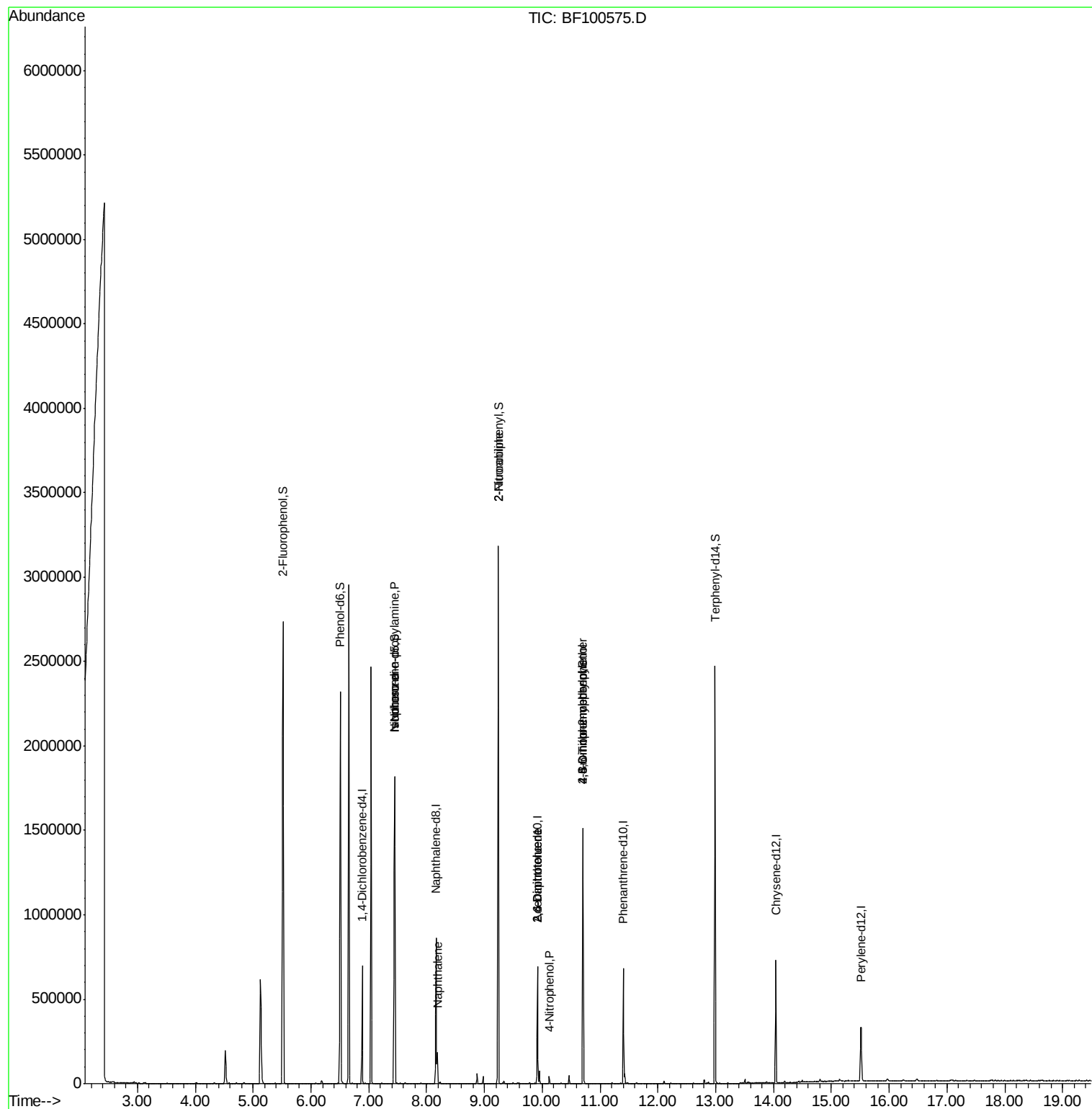
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	85904	15.838	ng	# 82
25) Isophorone	7.45	82	651429	56.254	ng	# 64
31) Naphthalene	8.19	128	71762	4.090	ng	100
47) 2-Nitroaniline	9.24	65	1437	3.337	ng	# 1
50) 2,6-Dinitrotoluene	9.92	165	16262	8.155	ng	# 25
55) 4-Nitrophenol	10.12	139	5366	2.807	ng	# 9
56) 2,4-Dinitrotoluene	9.92	165	16262	6.465	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	291	8.783	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	11911	4.998	ng	# 1

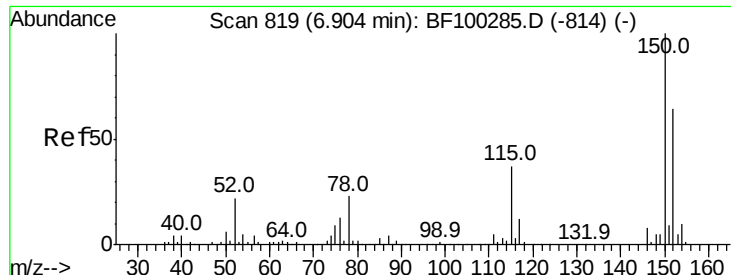
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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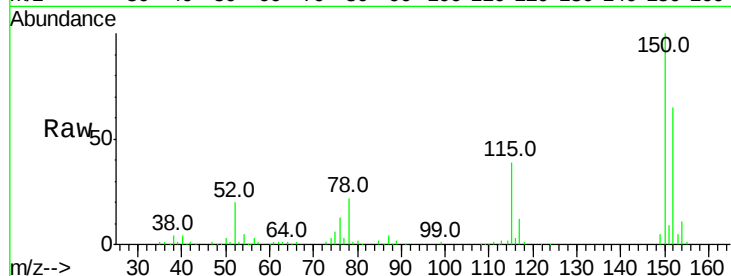


#1

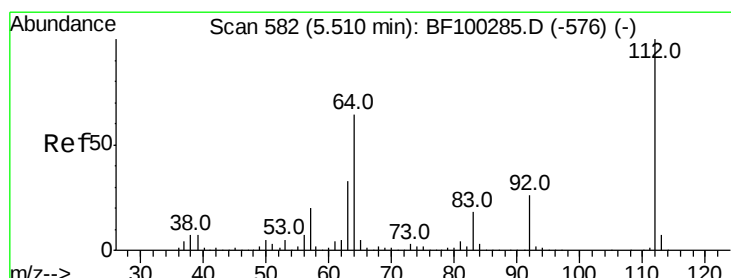
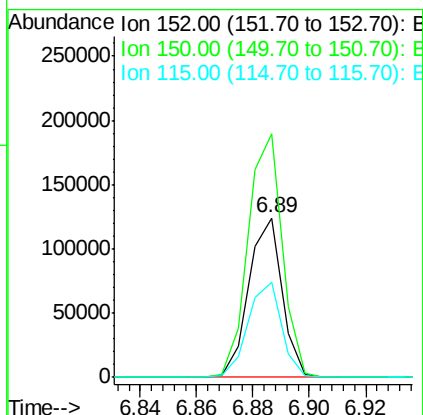
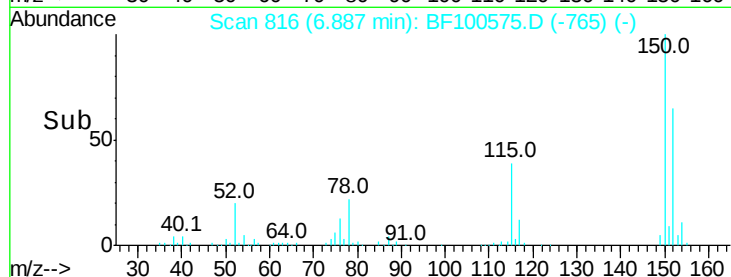
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF100575.D
Acq: 15 Nov 2017 7:53

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	124.6	186.8
115	59.5	50.1	75.1



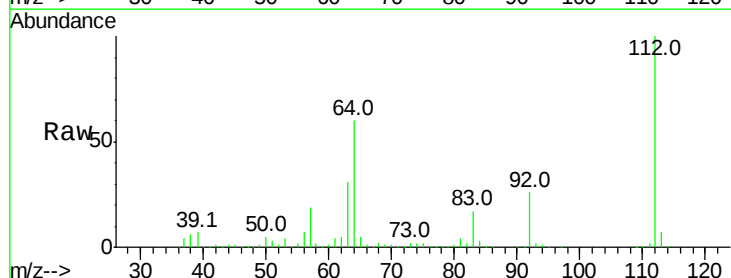
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



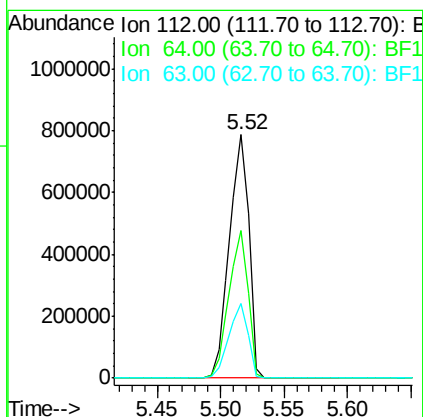
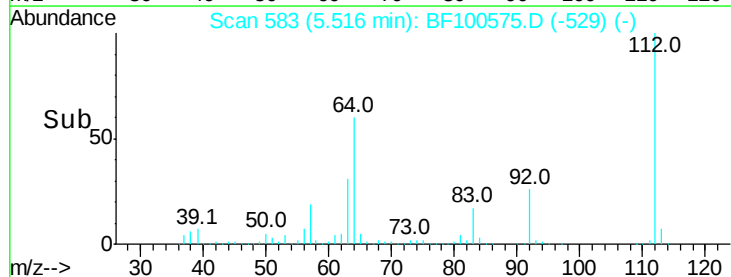
#5

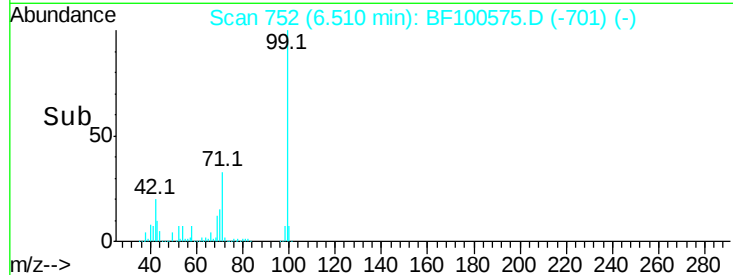
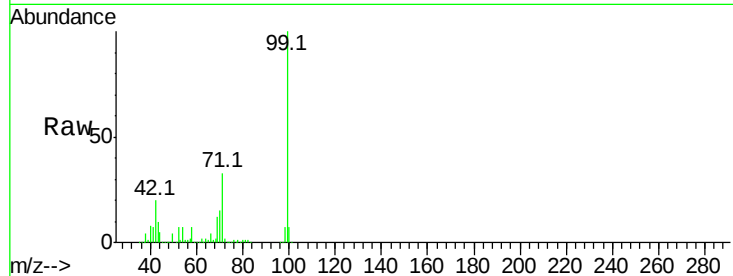
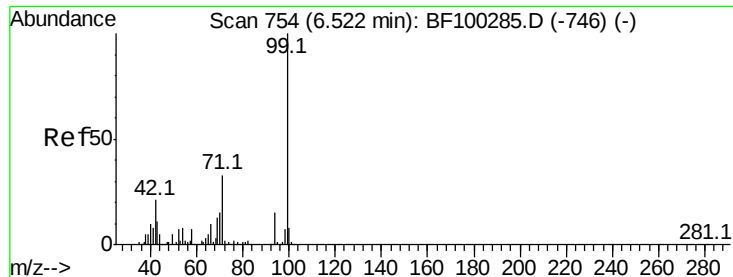
2-Fluorophenol
Concen: 131.352 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF100575.D
Acq: 15 Nov 2017 7:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	47.9	71.9
63	30.5	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: 116.961 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF100575.D

Acq: 15 Nov 2017 7:53

Instrument :

BNA_F

ClientSampled :

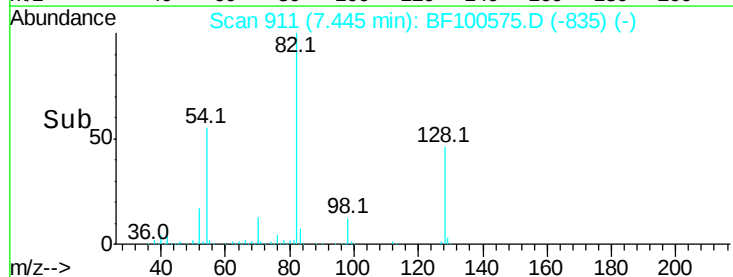
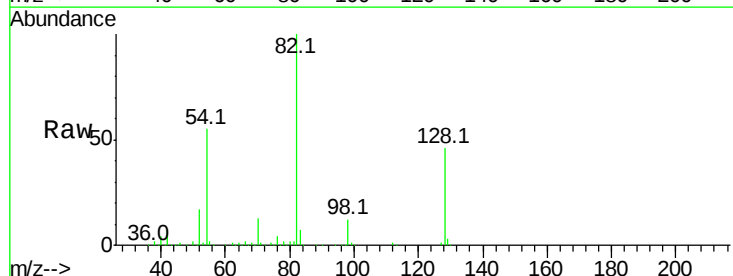
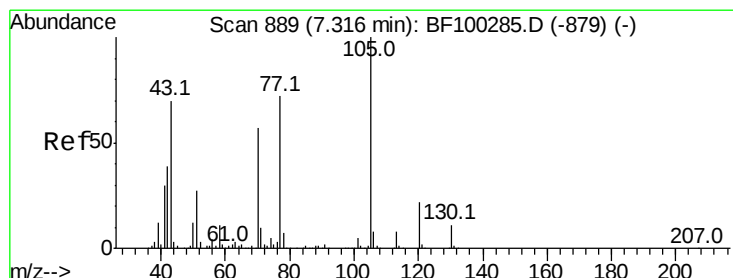
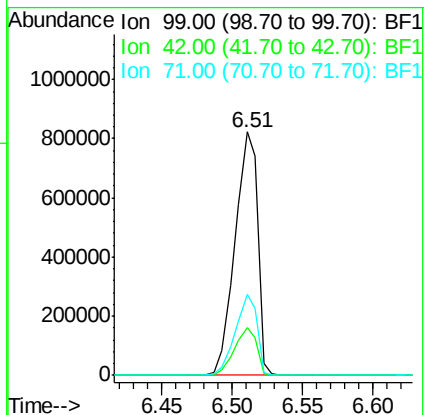
Tot Ion: 99 Resp: 914727

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

71 33.2 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.838 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF100575.D

Acq: 15 Nov 2017 7:53

Tgt Ion: 70 Resp: 85904

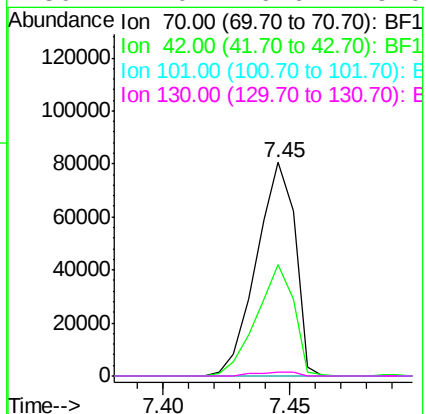
Ion Ratio Lower Upper

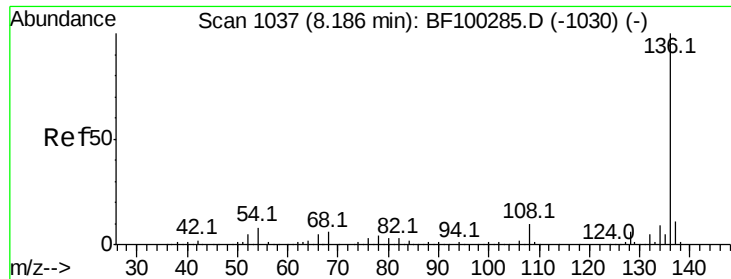
70 100

42 52.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

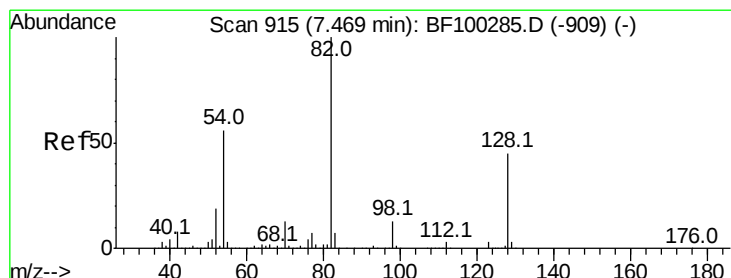
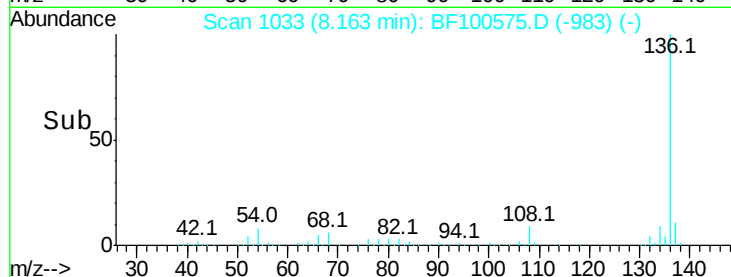
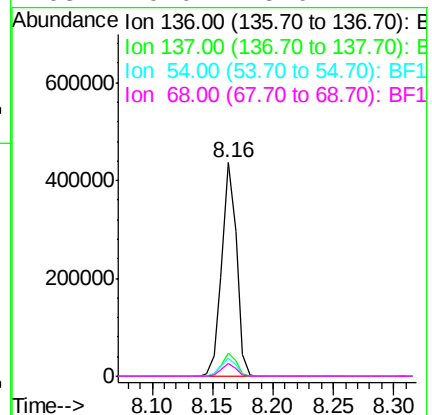
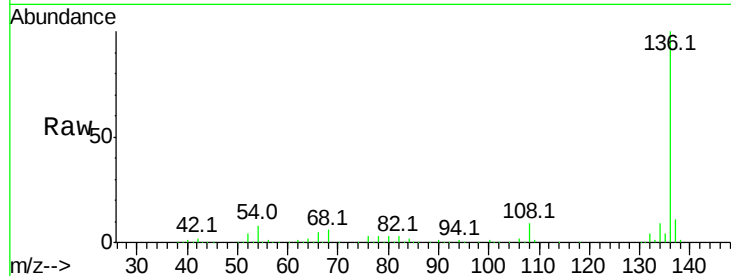




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100575.D
Acq: 15 Nov 2017 7:53

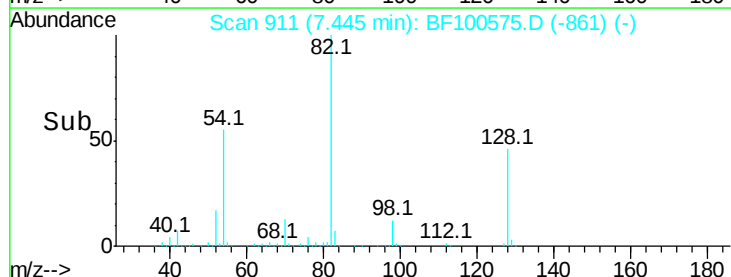
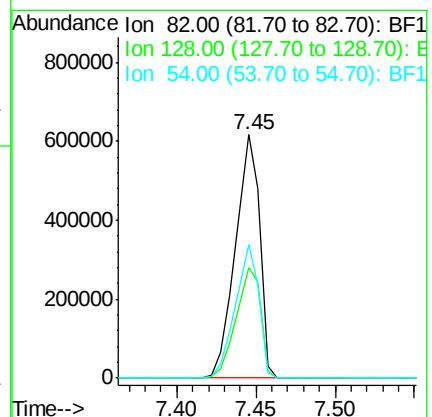
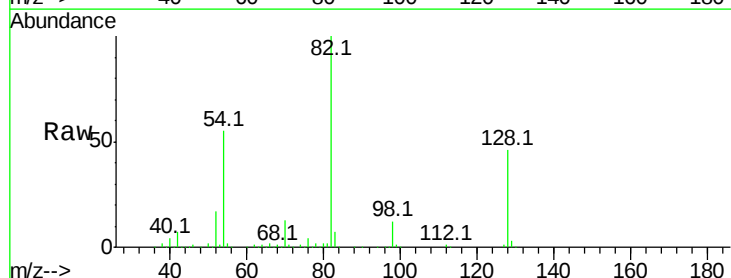
Instrument :
BNA_F
ClientSampleId :

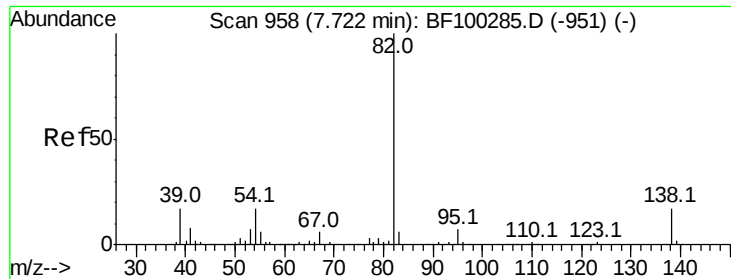
Tot Ion:136	Resp:	364325
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	8.4	6.6 9.8
68	6.0	5.0 7.4



#23
Nitrobenzene-d5
Concen: 118.215 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100575.D
Acq: 15 Nov 2017 7:53

Tgt Ion: 82	Resp:	651437
Ion Ratio	Lower	Upper
82	100	
128	45.6	36.1 54.1
54	55.0	41.4 62.2





#25

Isophorone

Concen: 56.254 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF100575.D

Acq: 15 Nov 2017 7:53

Instrument :

BNA_F

ClientSampleId :

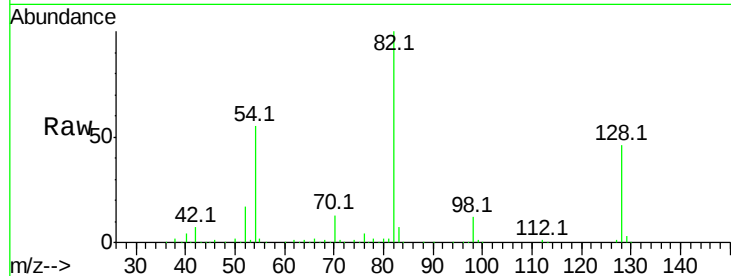
Tot Ion: 82 Resp: 651429

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

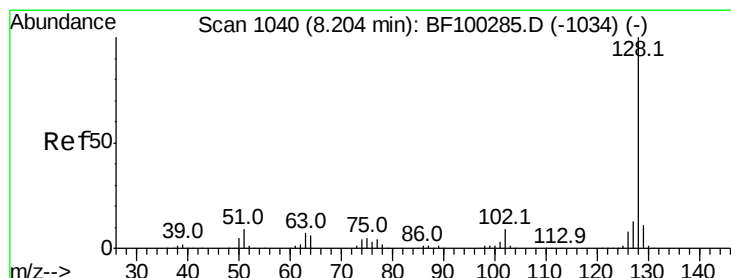
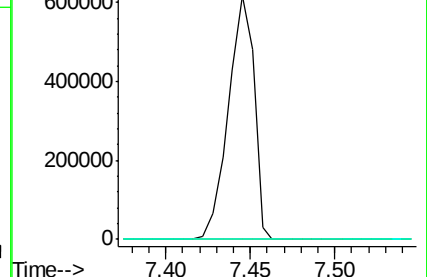
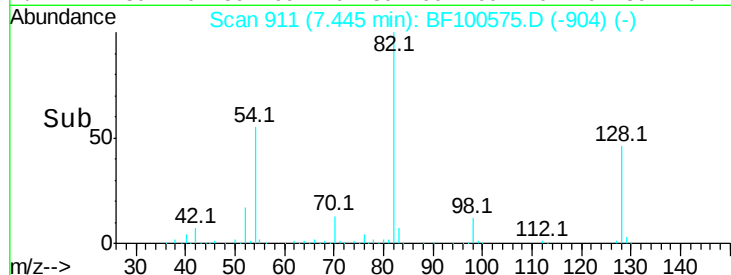
138 0.0 14.9 22.3#



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



#31

Naphthalene

Concen: 4.090 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF100575.D

Acq: 15 Nov 2017 7:53

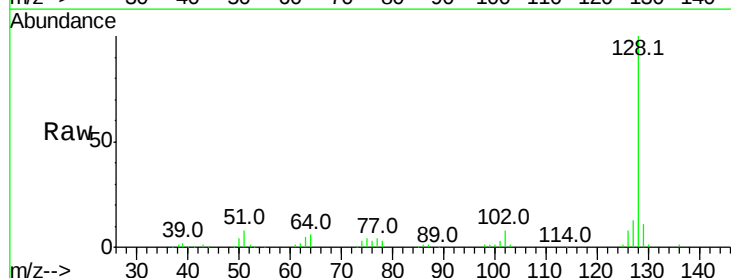
Tgt Ion: 128 Resp: 71762

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

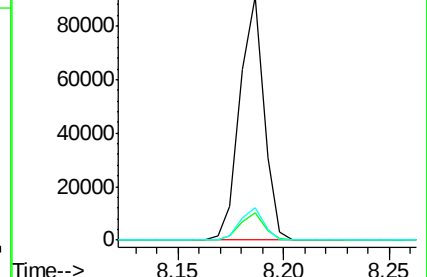
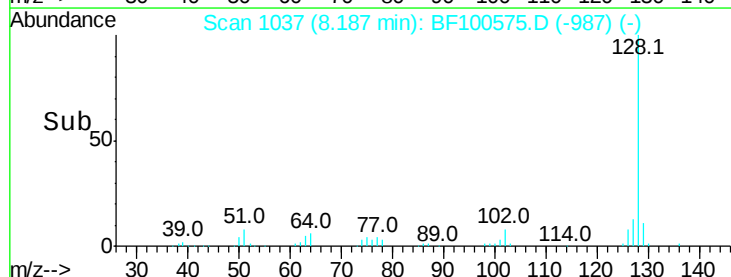
127 13.3 10.9 16.3

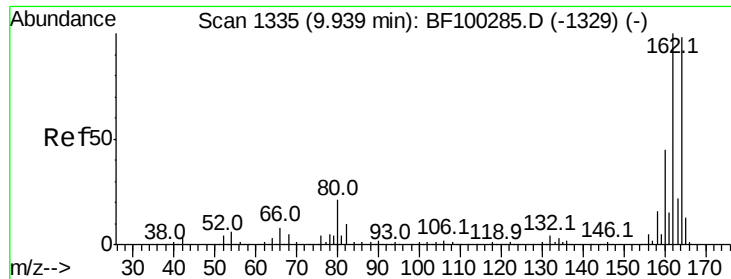


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

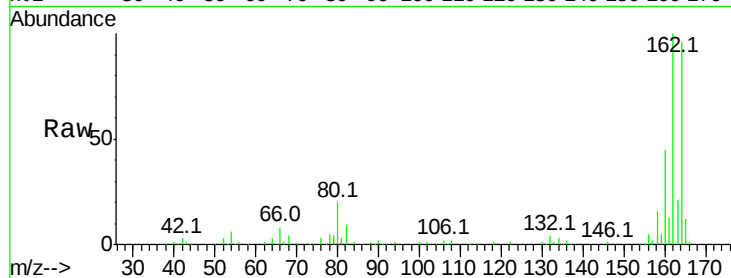




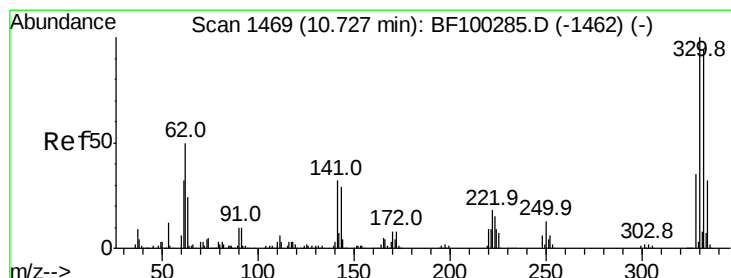
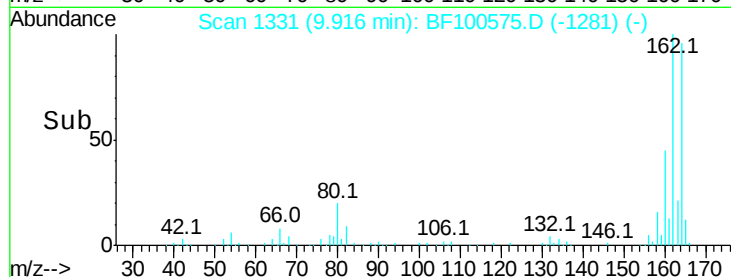
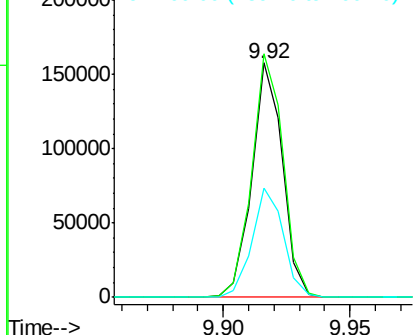
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100575.D
Acq: 15 Nov 2017 7:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 131938
Ion Ratio Lower Upper
164 100
162 104.0 86.1 129.1
160 46.9 38.3 57.5

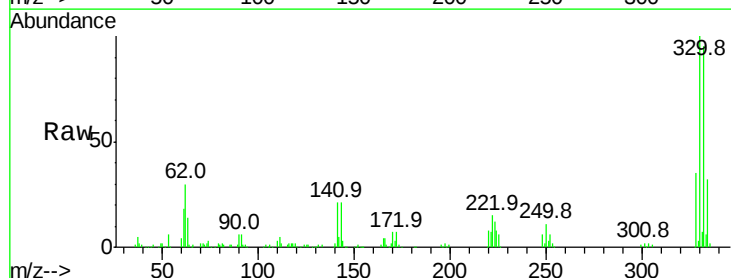


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

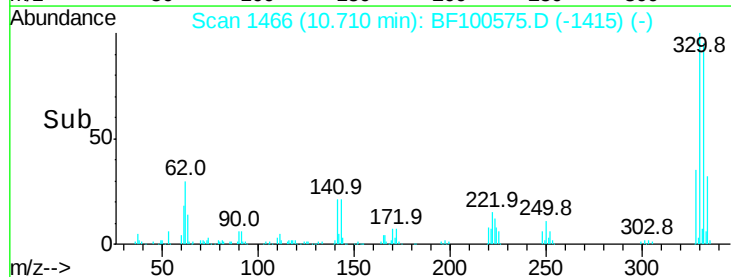
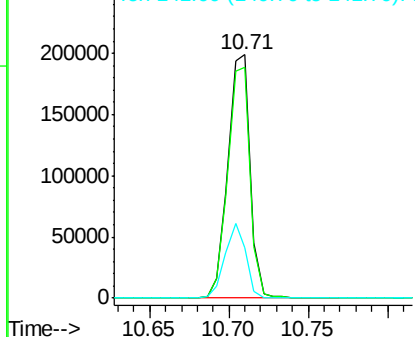


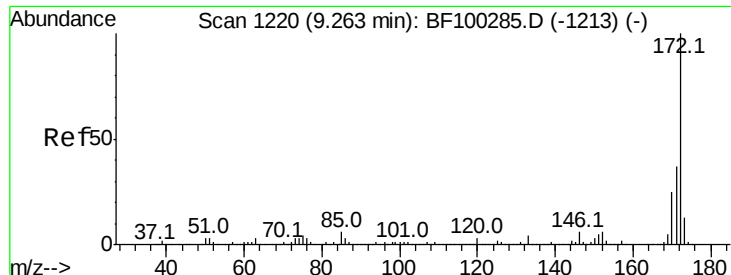
#41
2,4,6-Tribromophenol
Concen: 144.017 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF100575.D
Acq: 15 Nov 2017 7:53

Tgt Ion:330 Resp: 193624
Ion Ratio Lower Upper
330 100
332 95.2 77.0 115.6
141 28.7 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



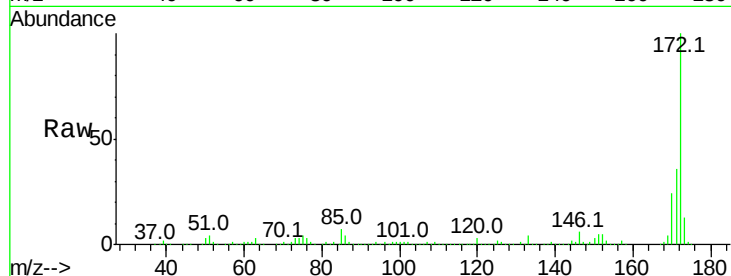


#44
 2-Fluorobiphenyl
 Concen: 121.838 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF100575.D
 Acq: 15 Nov 2017 7:53

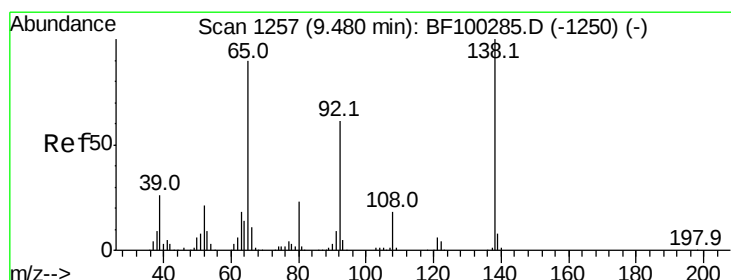
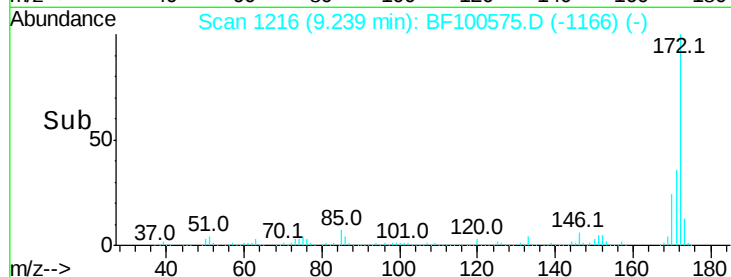
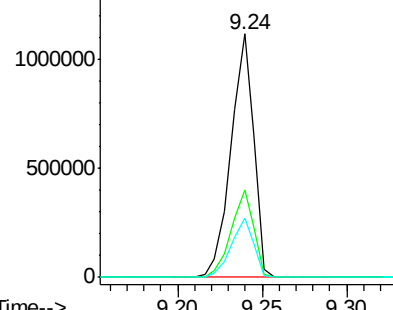
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1055684

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.1	19.6	29.4



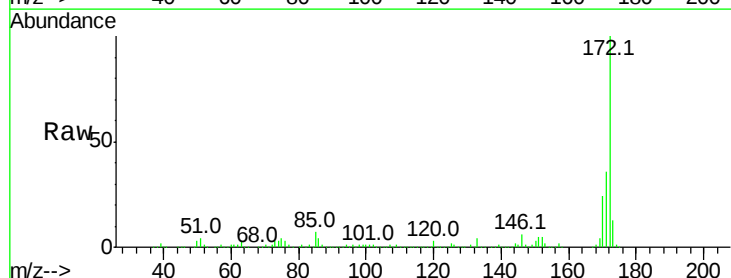
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



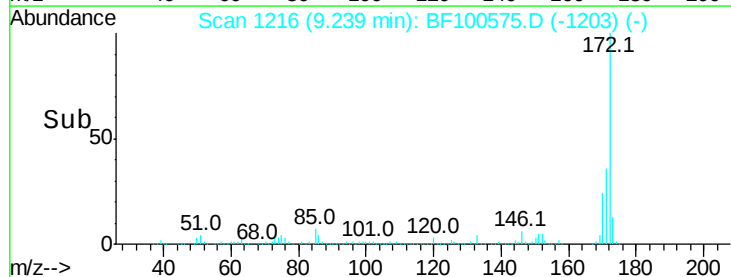
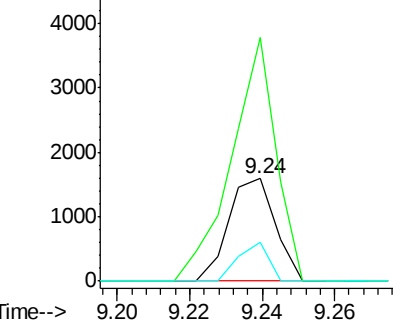
#47
 2-Nitroaniline
 Concen: 3.337 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.22 min
 Lab File: BF100575.D
 Acq: 15 Nov 2017 7:53

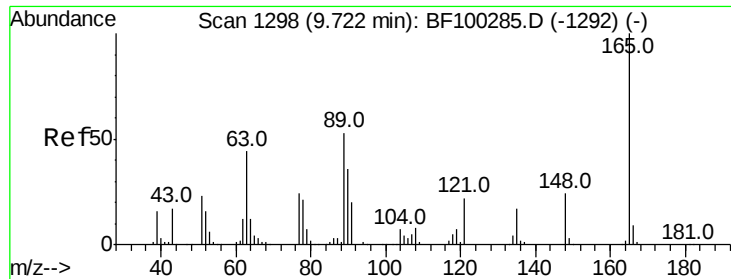
Tgt Ion: 65 Resp: 1437

Ion	Ratio	Lower	Upper
65	100		
92	237.1	55.8	83.6#
138	37.6	91.2	136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E

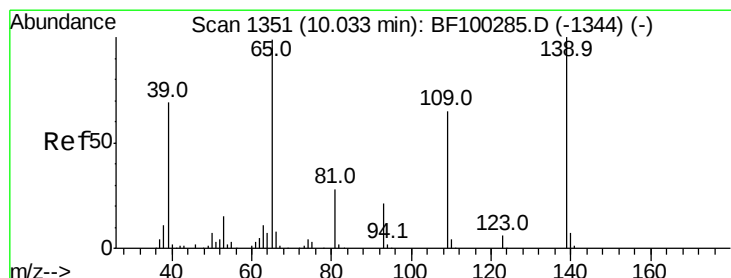
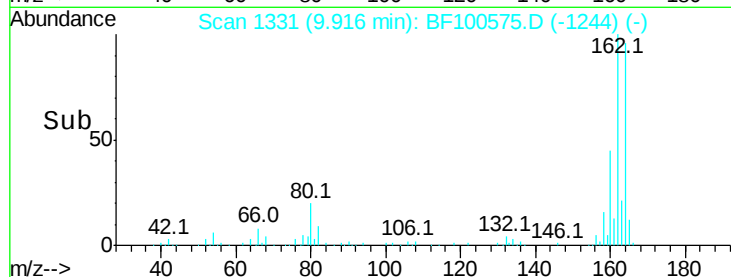
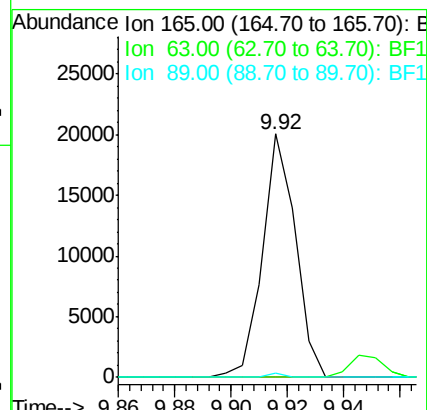
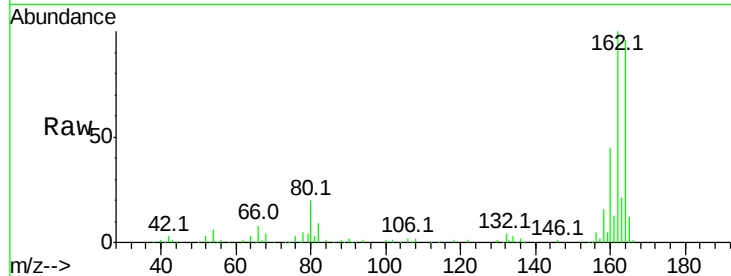




#50
2,6-Dinitrotoluene
Concen: 8.155 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF100575.D
Acq: 15 Nov 2017 7:53

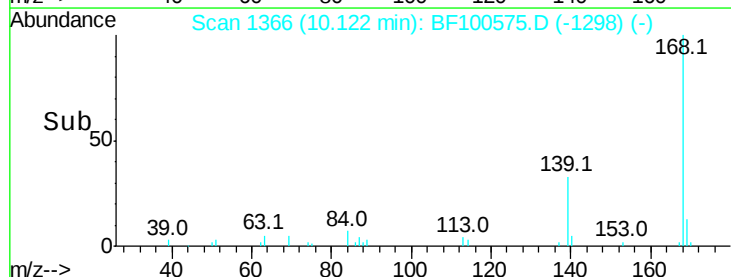
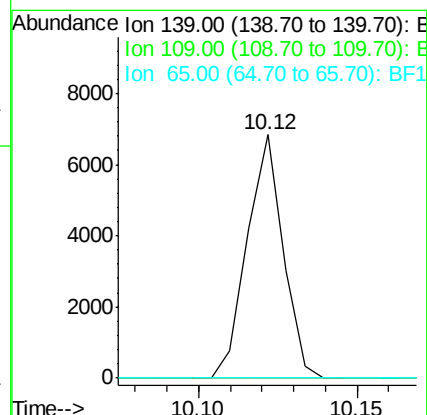
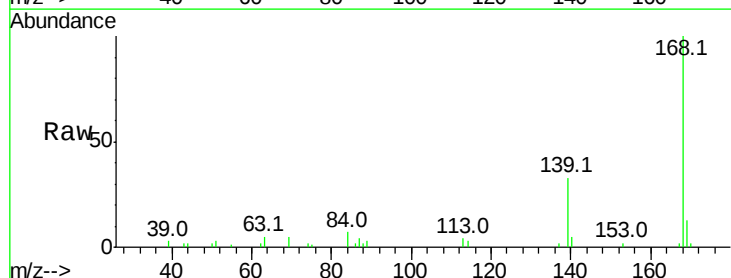
Instrument :
BNA_F
ClientSampleId :

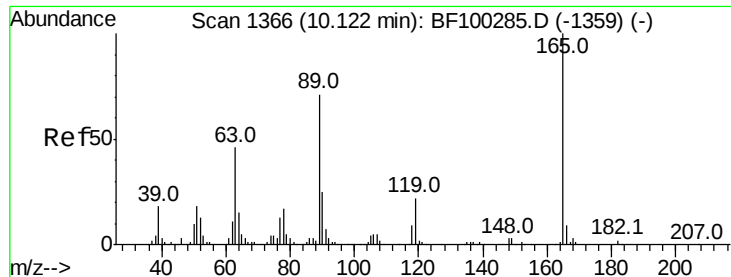
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.8	44.0	66.0#



#55
4-Nitrophenol
Concen: 2.807 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.10 min
Lab File: BF100575.D
Acq: 15 Nov 2017 7:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#

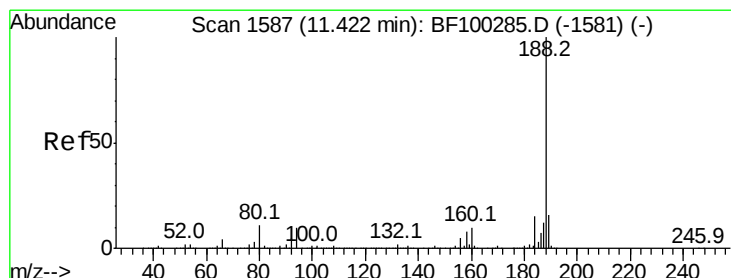
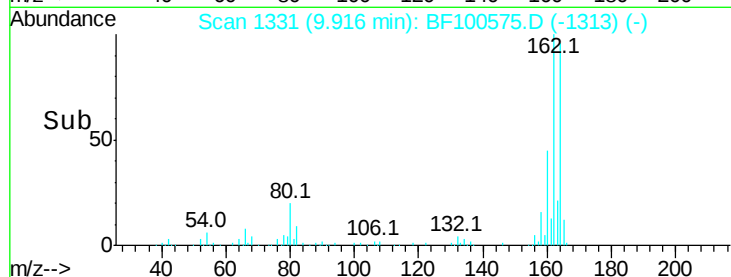
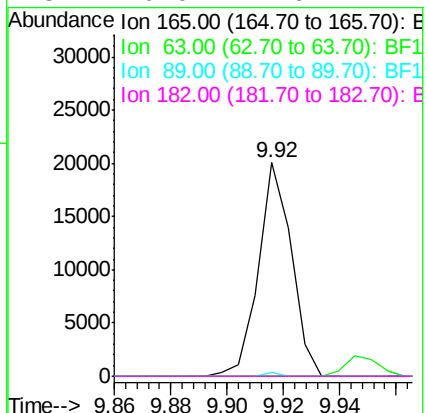
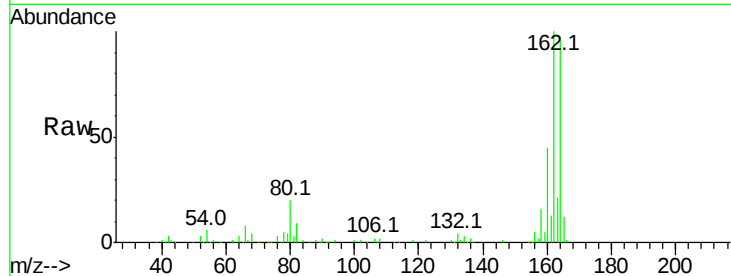




#56
 2,4-Dinitrotoluene
 Concen: 6.465 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF100575.D
 Acq: 15 Nov 2017 7:53

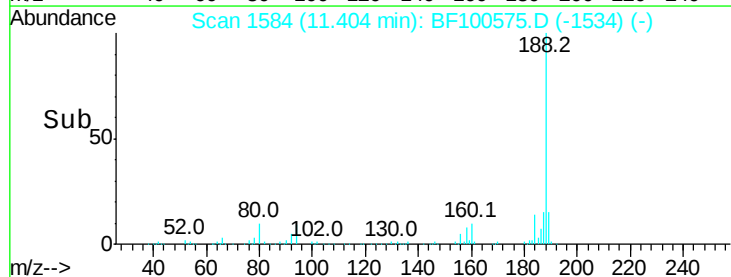
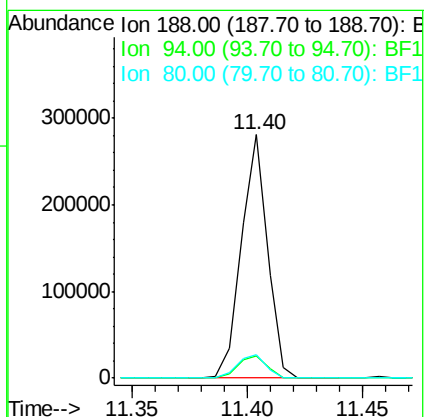
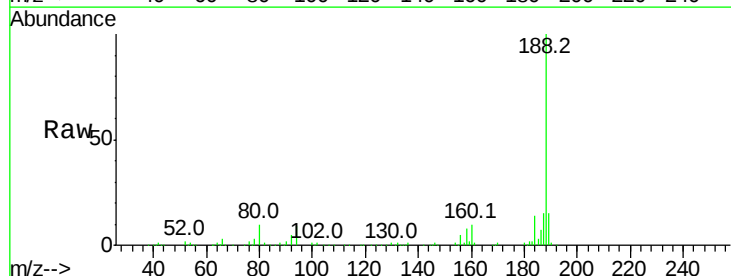
Instrument :
 BNA_F
 ClientSampleId :

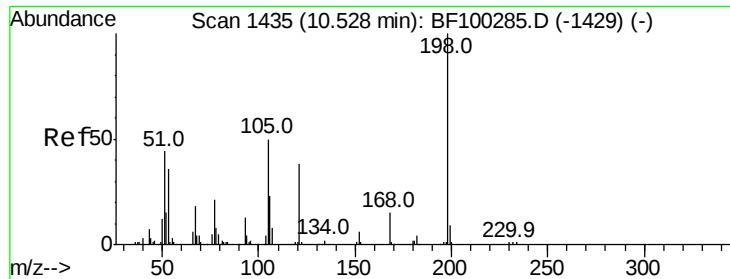
Tot Ion:	165	Resp:	16262
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF100575.D
 Acq: 15 Nov 2017 7:53

Tgt Ion:	188	Resp:	222328
Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	9.7	9.2	13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 8.783 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.19 min

Lab File: BF100575.D

Acq: 15 Nov 2017 7:53

Instrument :

BNA_F

ClientSampleId :

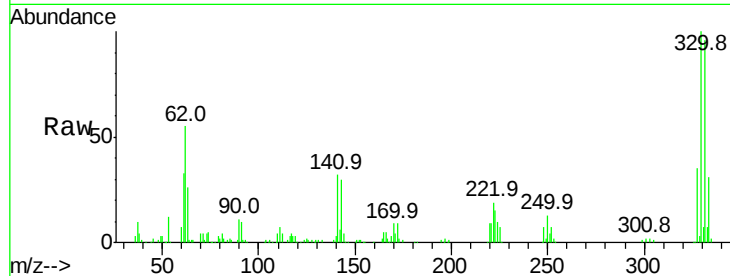
Tot Ion:198 Resp: 291

Ion Ratio Lower Upper

198 100

51 161.6 37.7 77.7#

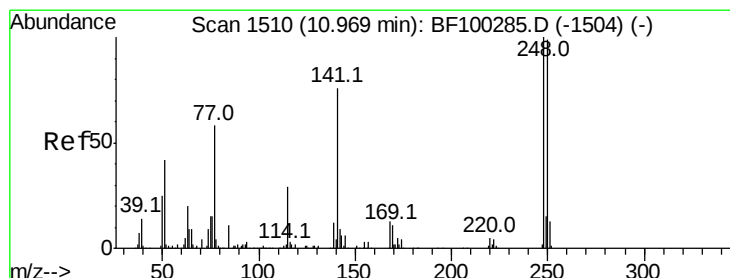
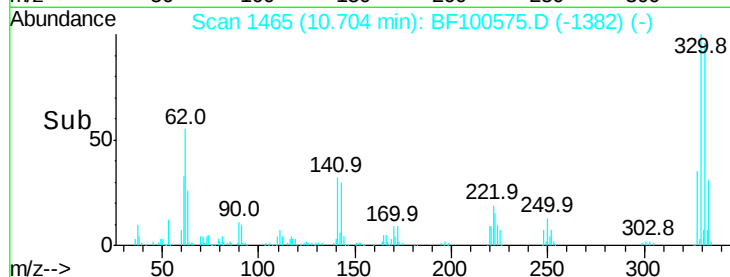
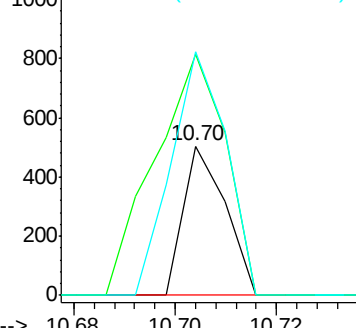
105 163.0 36.3 76.3#



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: 4.998 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.25 min

Lab File: BF100575.D

Acq: 15 Nov 2017 7:53

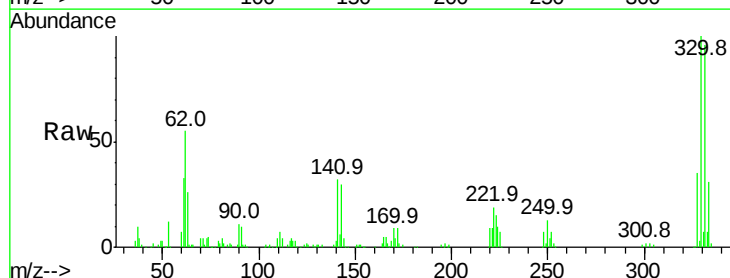
Tgt Ion:248 Resp: 11911

Ion Ratio Lower Upper

248 100

250 192.8 76.9 115.3#

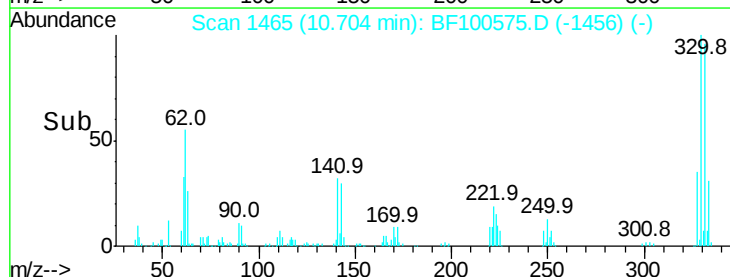
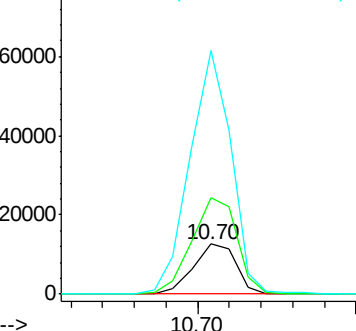
141 484.3 74.4 111.6#

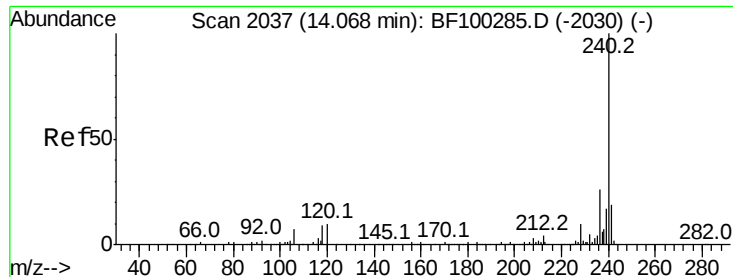


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100575.D

Acq: 15 Nov 2017 7:53

Instrument :

BNA_F

ClientSampleId :

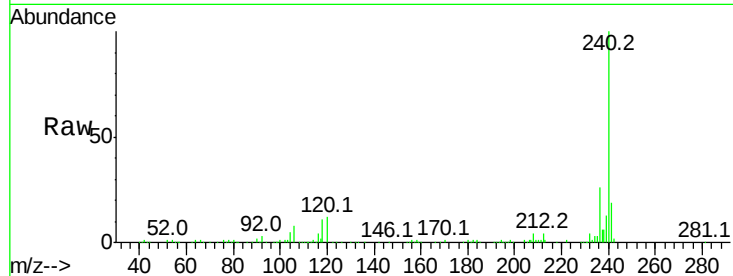
Tot Ion:240 Resp: 231772

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

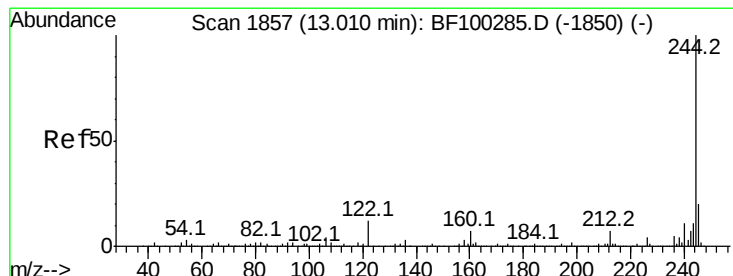
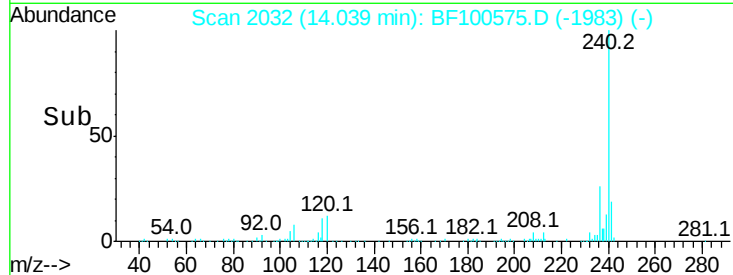
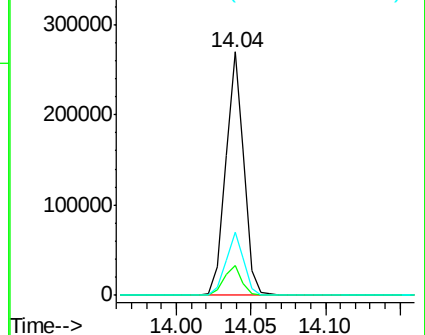
236 26.0 20.7 31.1



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: 88.380 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100575.D

Acq: 15 Nov 2017 7:53

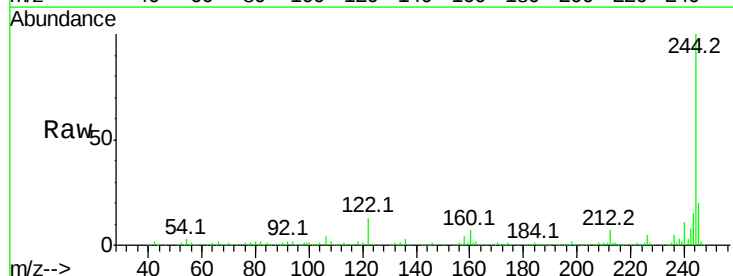
Tgt Ion:244 Resp: 891496

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

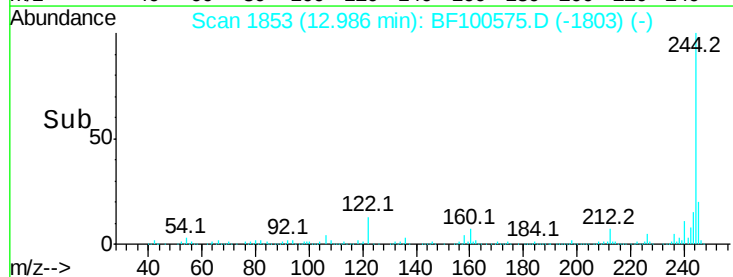
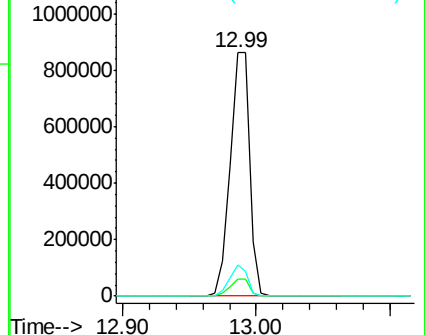
122 12.6 11.0 16.4

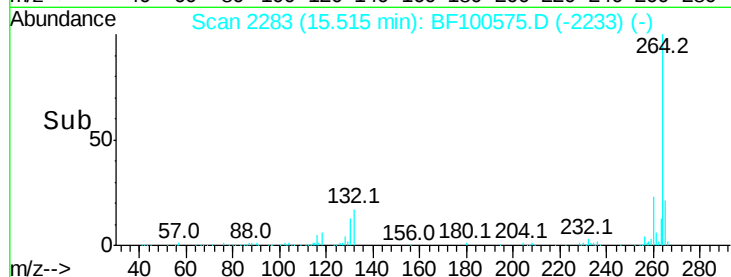
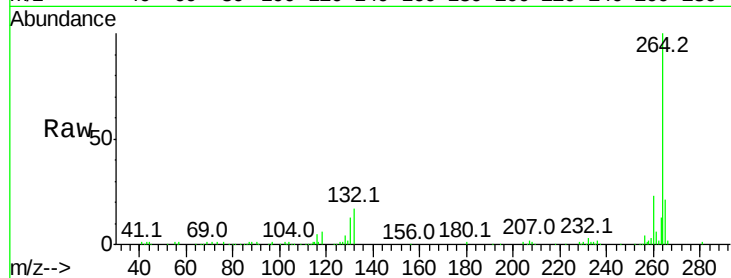
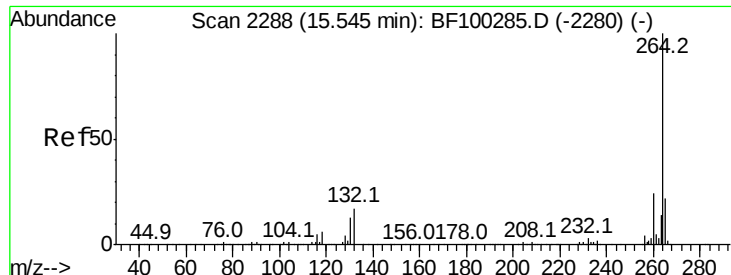


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.52 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BF100575.D
 Acq: 15 Nov 2017 7:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.1	17.5	26.3

