

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111317\
 Data File : BF100532.D
 Acq On : 14 Nov 2017 8:33
 Operator : SJ/JU
 Sample : I6307-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 14 10:28:45 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 02:37:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	120419	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	431406	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	166438	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	247192	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	218567	20.00	ng	-0.02
86) Perylene-d12	15.53	264	158813	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	1024864	136.43	ng	0.01
7) Phenol-d6	6.52	99	1104799	119.26	ng	0.00
23) Nitrobenzene-d5	7.46	82	842360	129.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	257082	151.58	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1434498	131.24	ng	-0.01
78) Terphenyl-d14	13.00	244	1016300	106.84	ng	-0.01

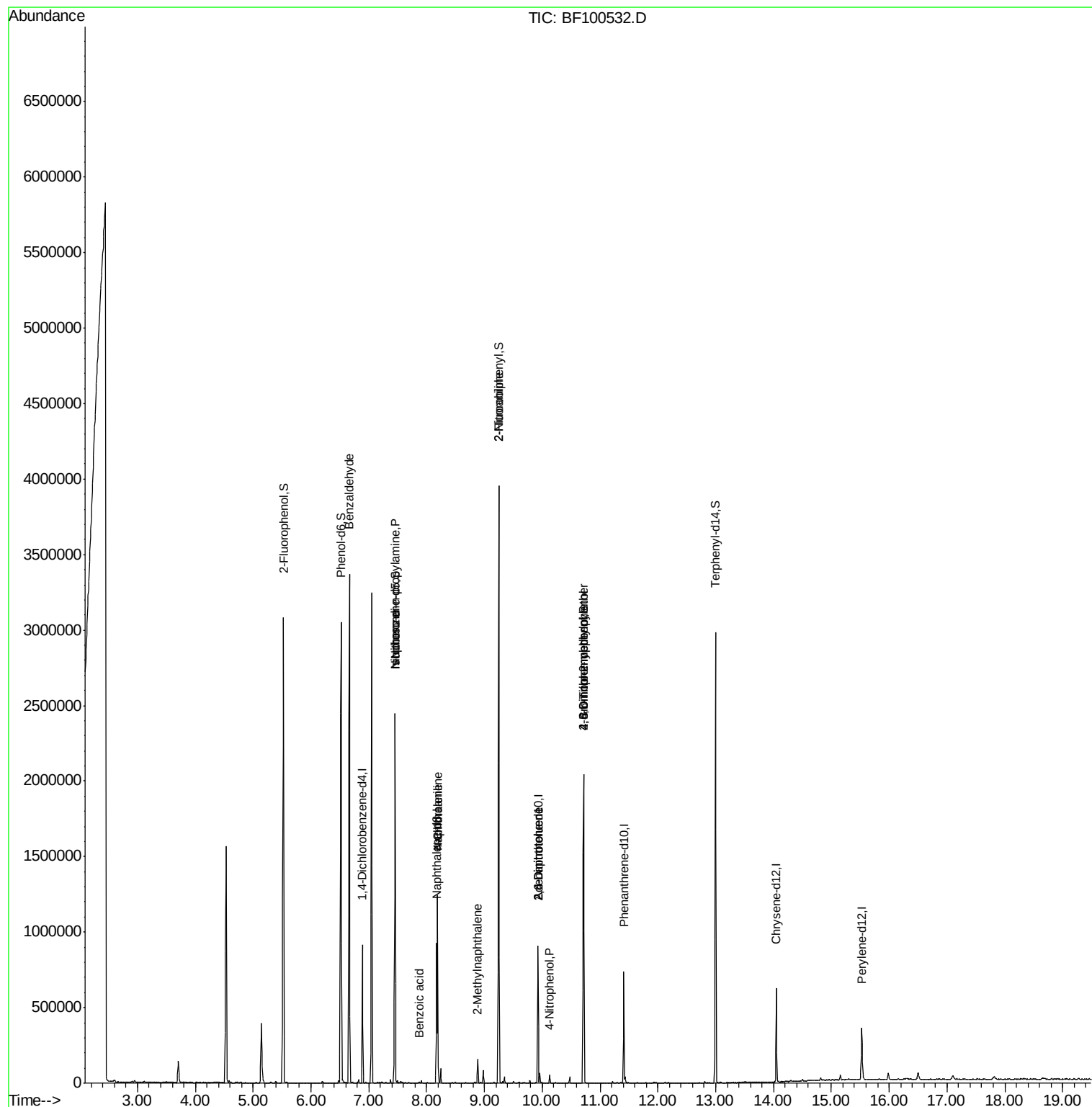
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.66	77	23240	3.513	ng	81
19) n-Nitroso-di-n-propylamine	7.46	70	111135	17.299	ng	# 82
25) Isophorone	7.46	82	842346	61.430	ng	# 64
31) Naphthalene	8.19	128	493079	23.730	ng	99
32) Benzoic acid	7.87	122	238	9.411	ng	# 85
33) 4-Chloroaniline	8.19	127	64852	7.498	ng	# 33
37) 2-Methylnaphthalene	8.88	142	40252	2.918	ng	98
47) 2-Nitroaniline	9.25	65	2343	3.499	ng	# 6
50) 2,6-Dinitrotoluene	9.93	165	21127	8.399	ng	# 26
55) 4-Nitrophenol	10.13	139	7323	3.036	ng	# 9
56) 2,4-Dinitrotoluene	9.93	165	21127	6.658	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.72	198	401	8.834	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	16007	6.041	ng	# 1

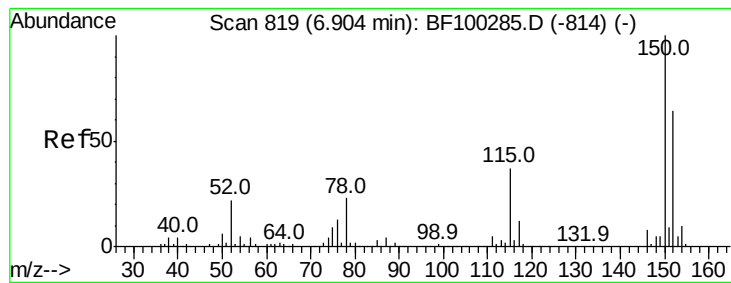
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100532.D
Acq On : 14 Nov 2017 8:33
Operator : SJ/JU
Sample : I6307-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 14 10:28:45 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 02:37:14 2017
Response via : Initial Calibration



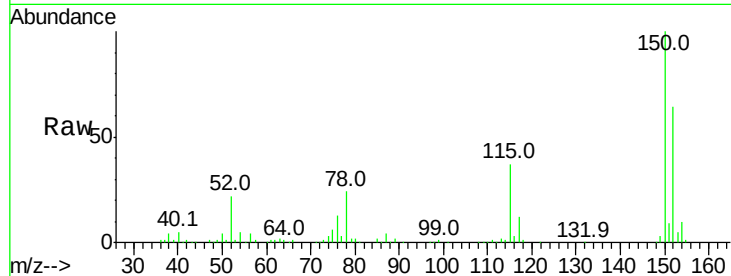


#1

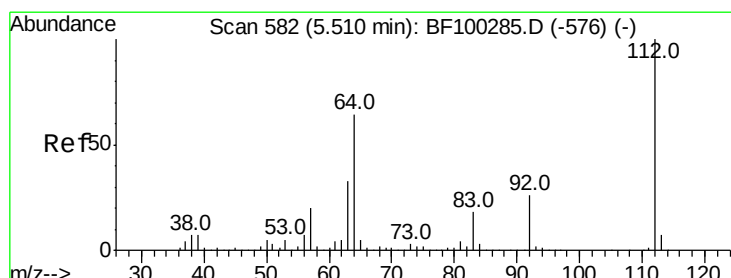
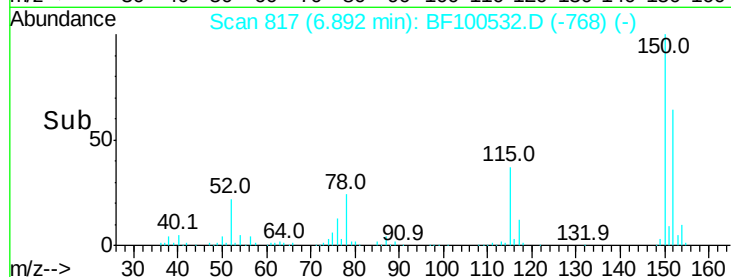
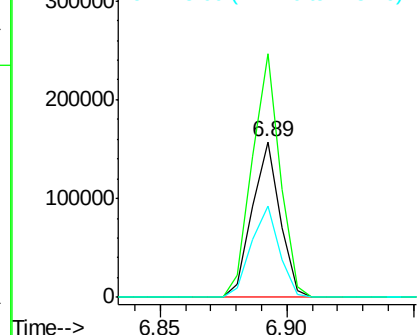
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF100532.D
Acq: 14 Nov 2017 8:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 120419
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 58.6 50.1 75.1



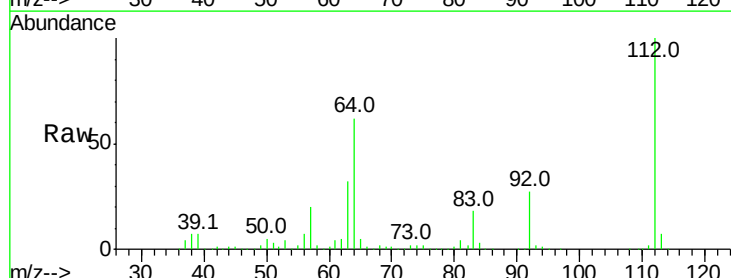
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



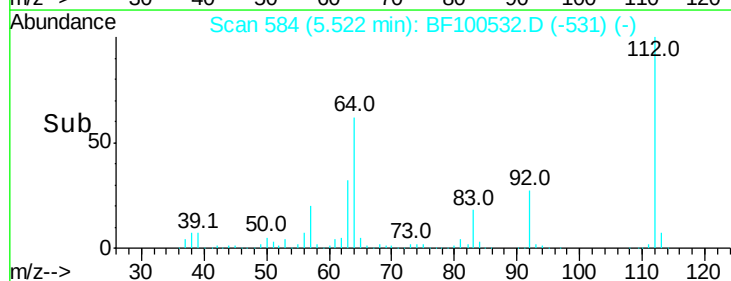
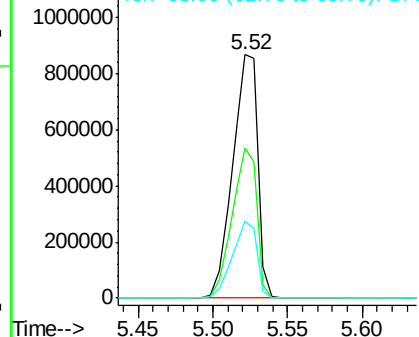
#5

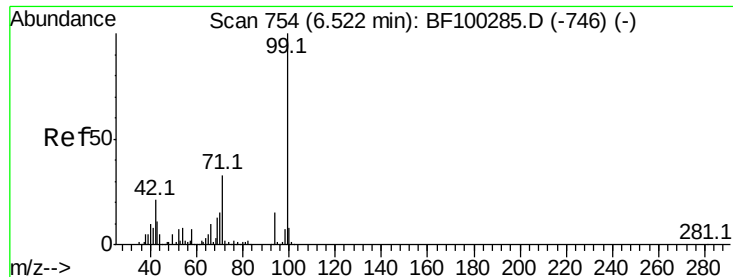
2-Fluorophenol
Concen: 136.427 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF100532.D
Acq: 14 Nov 2017 8:33

Tgt Ion:112 Resp: 1024864
Ion Ratio Lower Upper
112 100
64 61.7 47.9 71.9
63 31.7 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: 119.264 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF100532.D

Acq: 14 Nov 2017 8:33

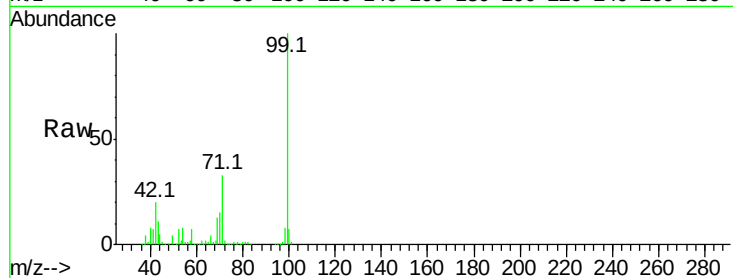
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1104799

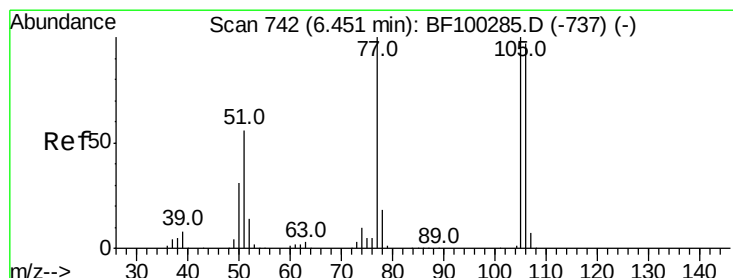
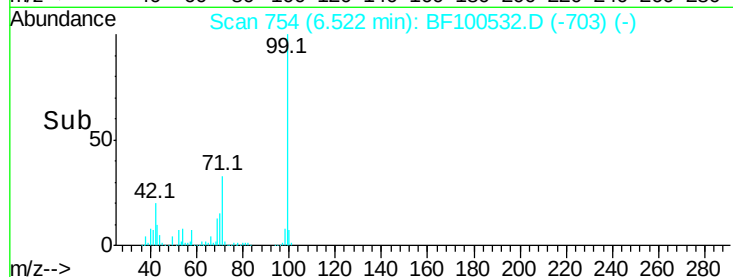
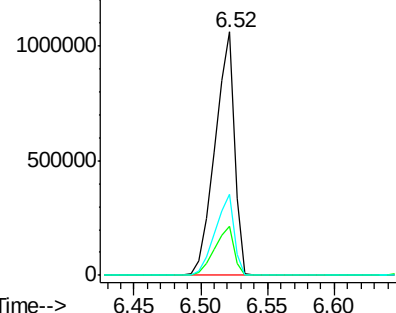
Ion	Ratio	Lower	Upper
99	100		
42	20.0	14.5	21.7
71	33.4	25.4	38.0



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: 3.513 ng

RT: 6.66 min Scan# 778

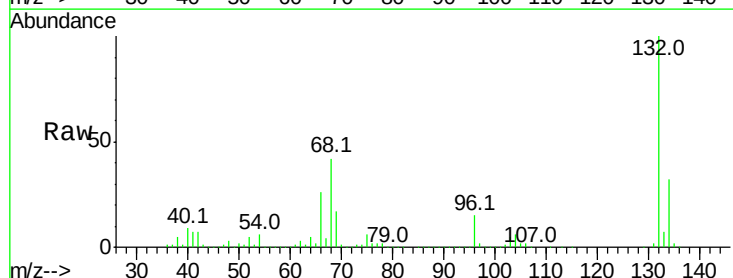
Delta R.T. 0.21 min

Lab File: BF100532.D

Acq: 14 Nov 2017 8:33

Tgt Ion: 77 Resp: 23240

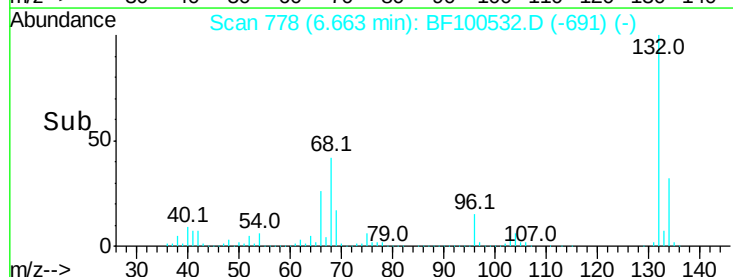
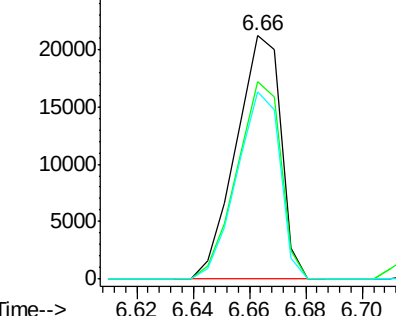
Ion	Ratio	Lower	Upper
77	100		
105	81.2	81.1	121.1
106	77.0	74.5	114.5

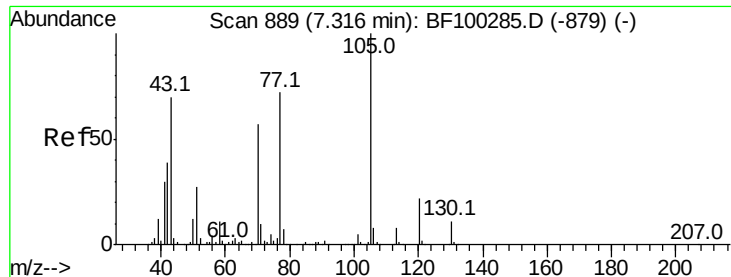


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

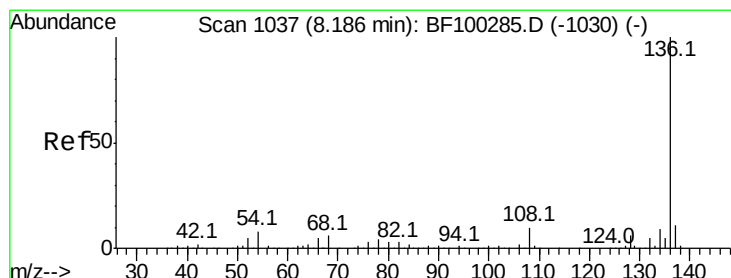
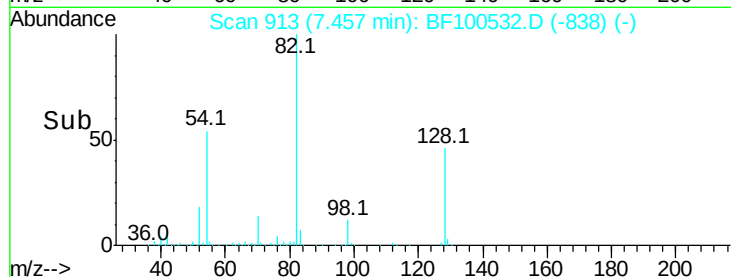
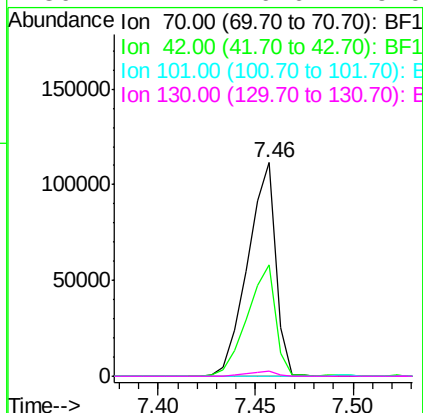
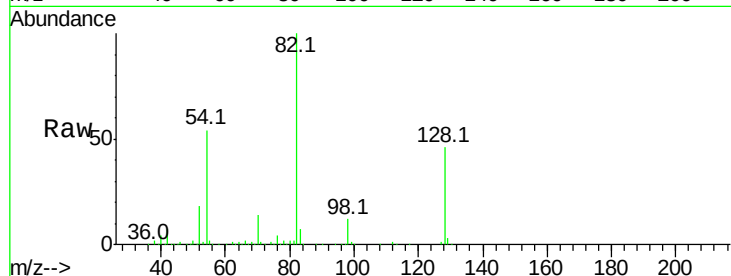




#19
n-Nitroso-di-n-propylamine
Concen: 17.299 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.14 min
Lab File: BF100532.D
Acq: 14 Nov 2017 8:33

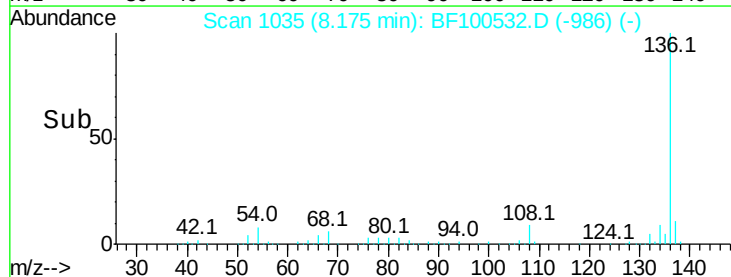
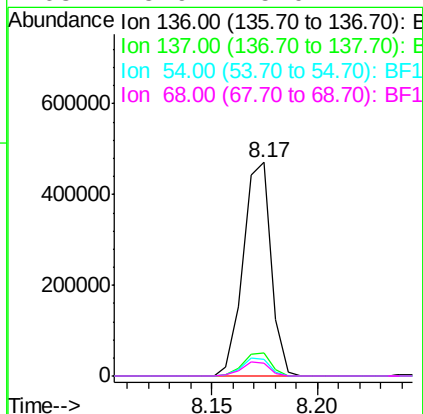
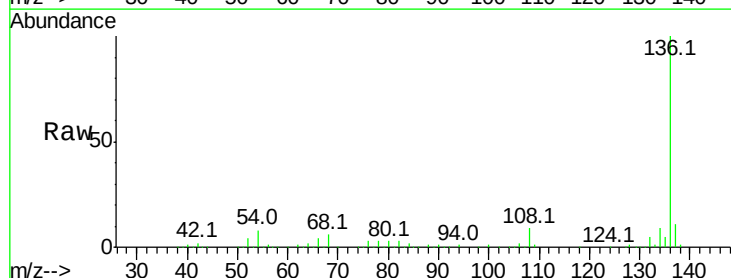
Instrument :
BNA_F
ClientSampleId :

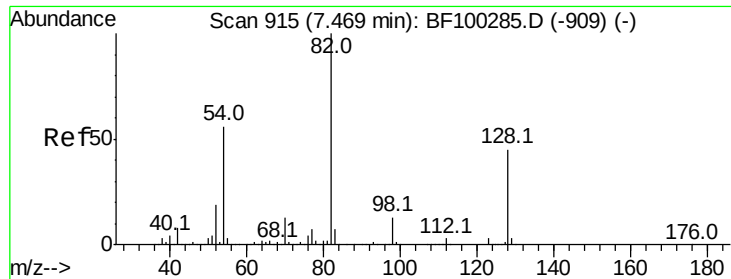
Tot Ion: 70 Resp: 111135
Ion Ratio Lower Upper
70 100
42 52.1 47.5 71.3
101 0.0 7.4 11.2#
130 2.7 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF100532.D
Acq: 14 Nov 2017 8:33

Tgt Ion:136 Resp: 431406
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 7.9 6.6 9.8
68 5.9 5.0 7.4

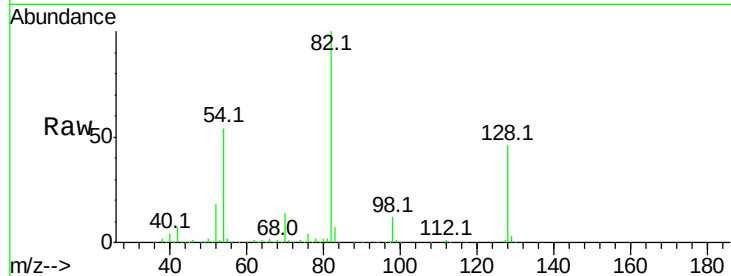




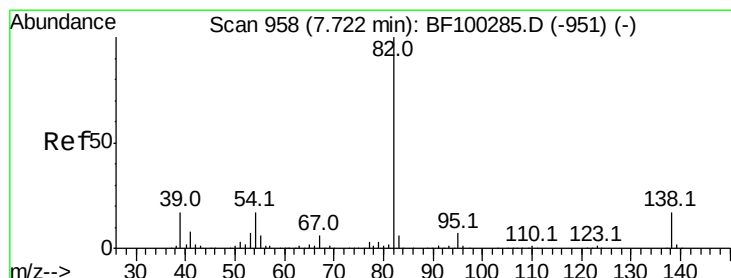
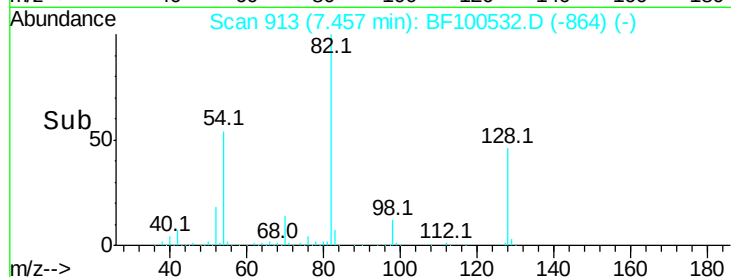
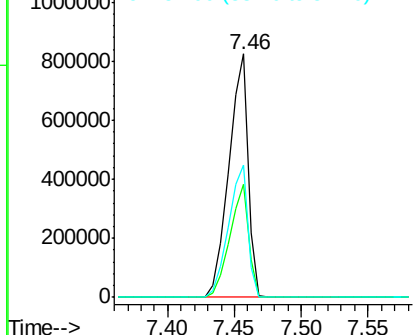
#23
 Nitrobenzene-d5
 Concen: 129.092 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF100532.D
 Acq: 14 Nov 2017 8:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 842360
 Ion Ratio Lower Upper
 82 100
 128 46.3 36.1 54.1
 54 54.2 41.4 62.2

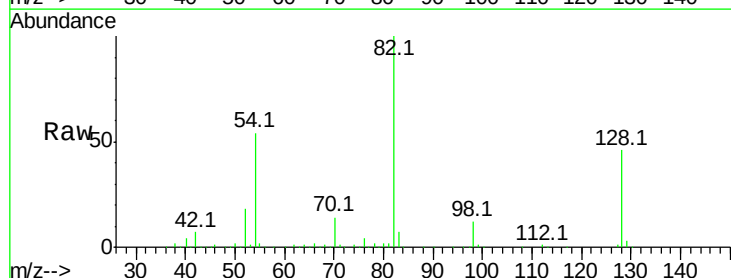


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

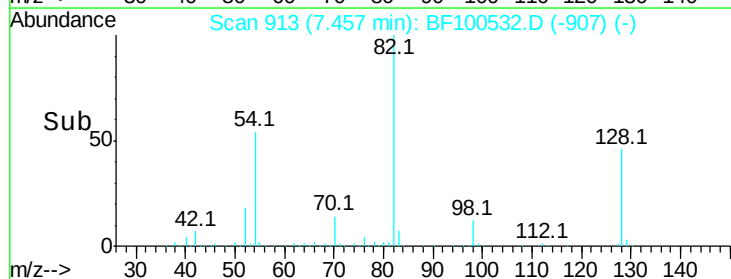
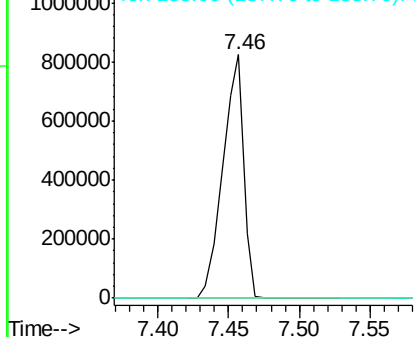


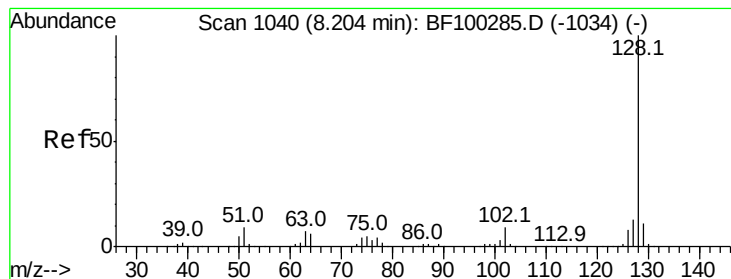
#25
 Isophorone
 Concen: 61.430 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.26 min
 Lab File: BF100532.D
 Acq: 14 Nov 2017 8:33

Tgt Ion: 82 Resp: 842346
 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: 23.730 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF100532.D

Acq: 14 Nov 2017 8:33

Instrument :

BNA_F

ClientSampleId :

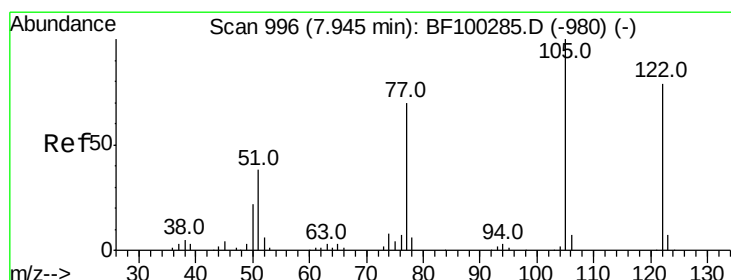
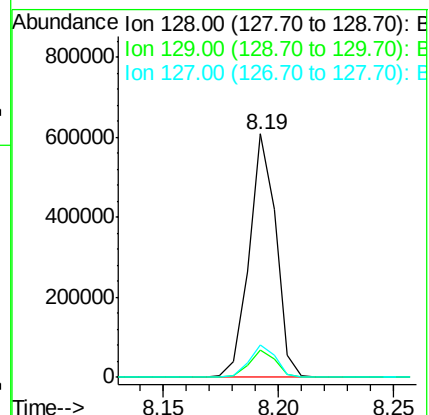
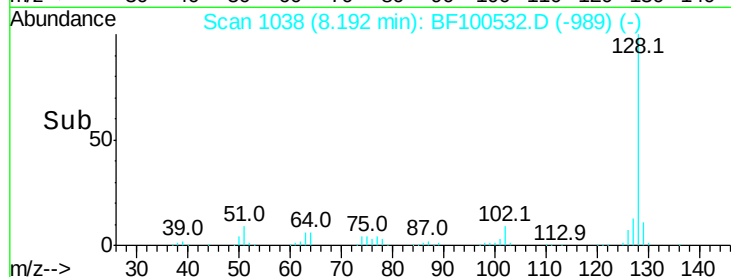
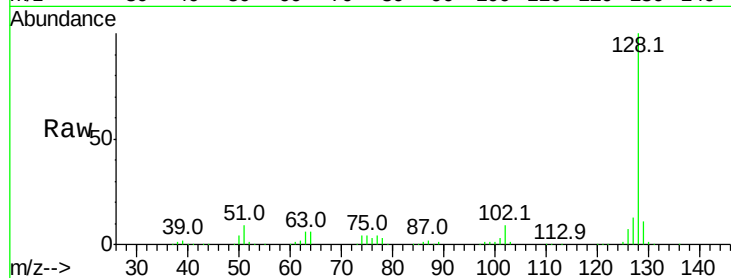
Tot Ion:128 Resp: 493079

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

127 13.2 10.9 16.3



#32

Benzoic acid

Concen: 9.411 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.08 min

Lab File: BF100532.D

Acq: 14 Nov 2017 8:33

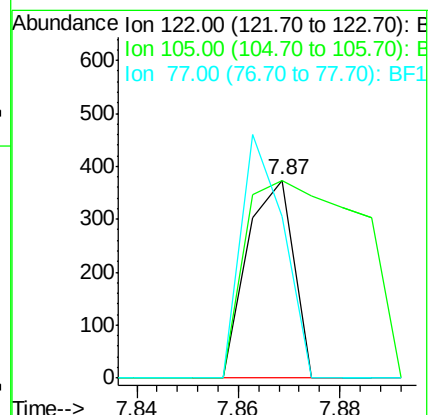
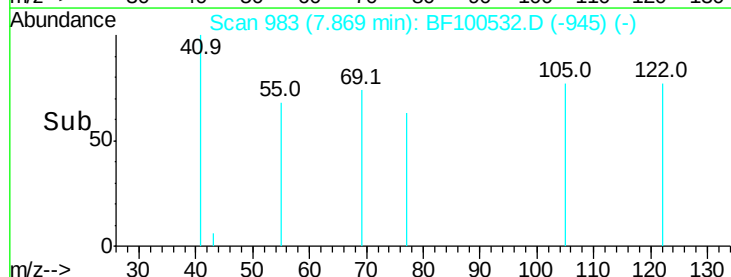
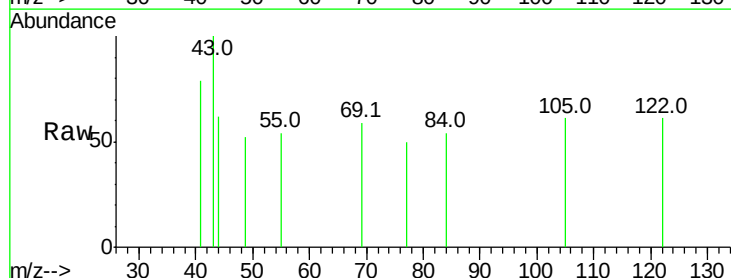
Tgt Ion:122 Resp: 238

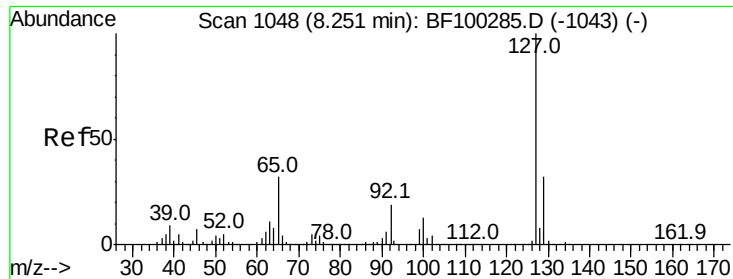
Ion Ratio Lower Upper

122 100

105 100.0 101.1 141.1#

77 81.8 70.7 110.7

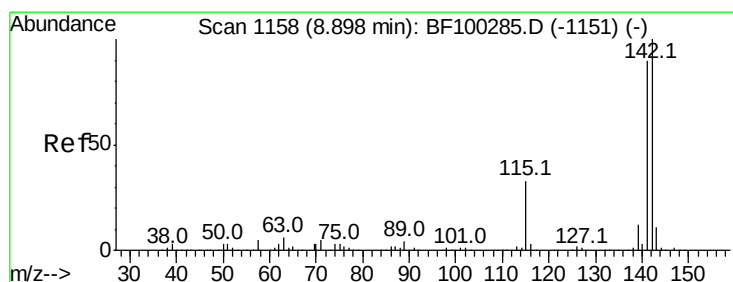
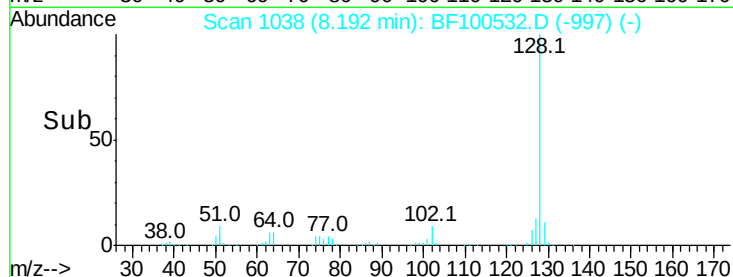
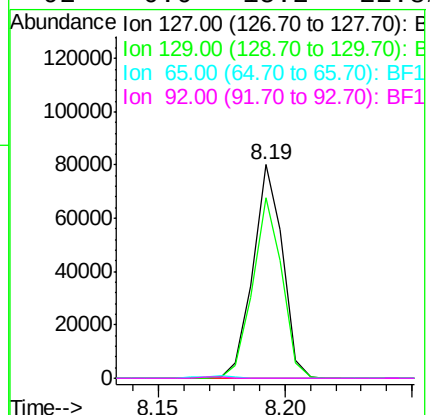
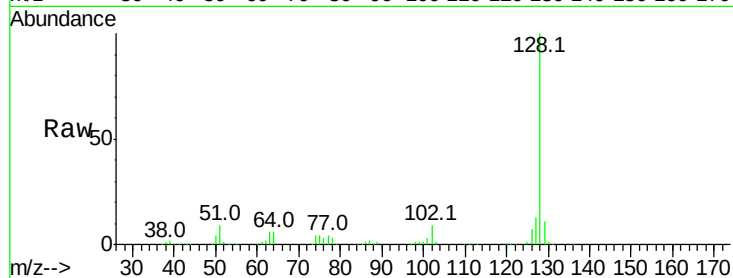




#33
4-Chloroaniline
Concen: 7.498 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.06 min
Lab File: BF100532.D
Acq: 14 Nov 2017 8:33

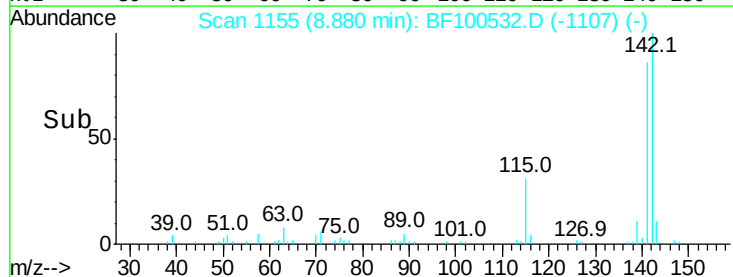
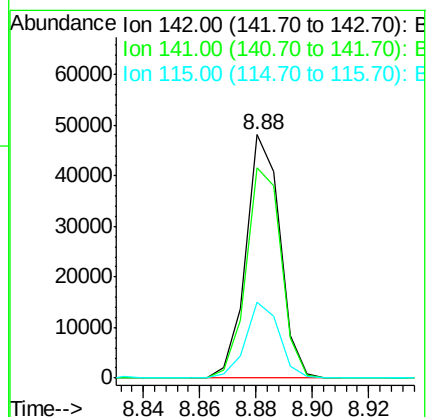
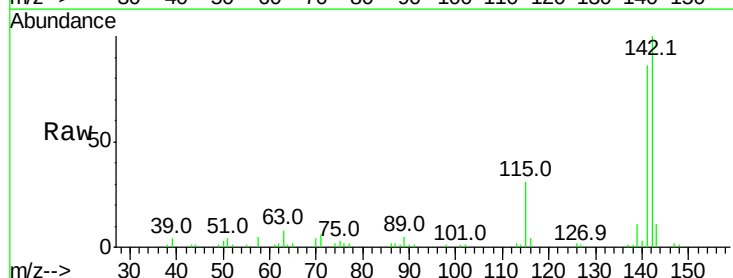
Instrument :
BNA_F
ClientSampleId :

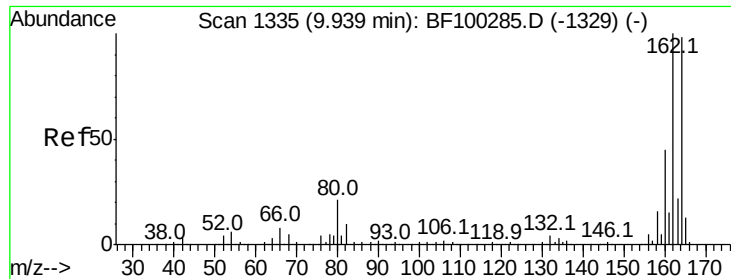
Tot Ion:	127	Resp:	64852
Ion	Ratio	Lower	Upper
127	100		
129	84.4	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



#37
2-Methylnaphthalene
Concen: 2.918 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.02 min
Lab File: BF100532.D
Acq: 14 Nov 2017 8:33

Tgt Ion:	142	Resp:	40252
Ion	Ratio	Lower	Upper
142	100		
141	86.3	70.8	106.2
115	31.1	26.1	39.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF100532.D

Acq: 14 Nov 2017 8:33

Instrument :

BNA_F

ClientSampleId :

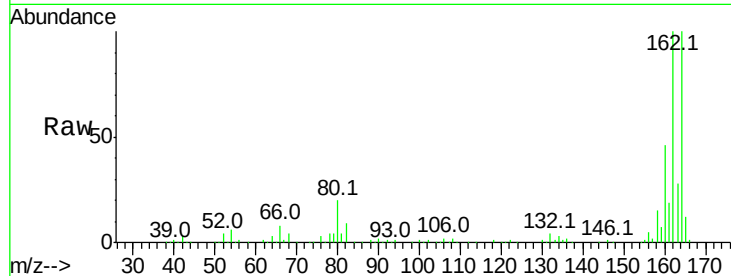
Tot Ion:164 Resp: 166438

Ion Ratio Lower Upper

164 100

162 100.3 86.1 129.1

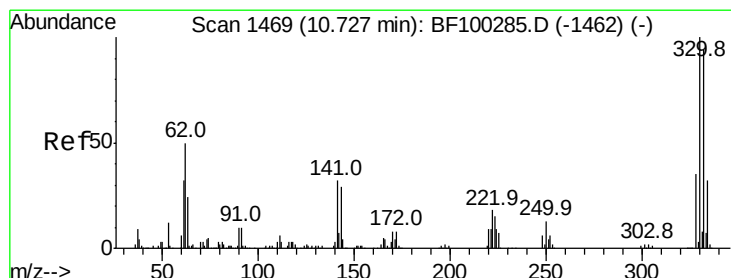
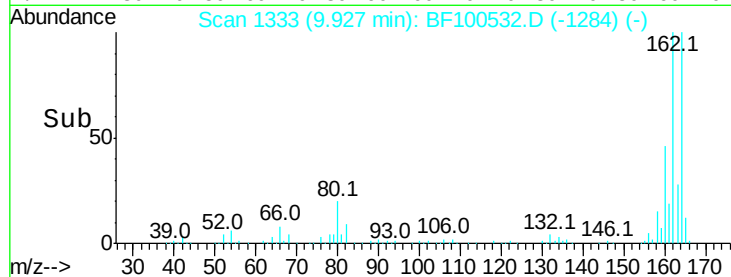
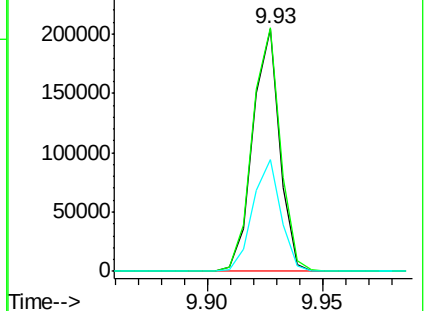
160 46.0 38.3 57.5



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: 151.581 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF100532.D

Acq: 14 Nov 2017 8:33

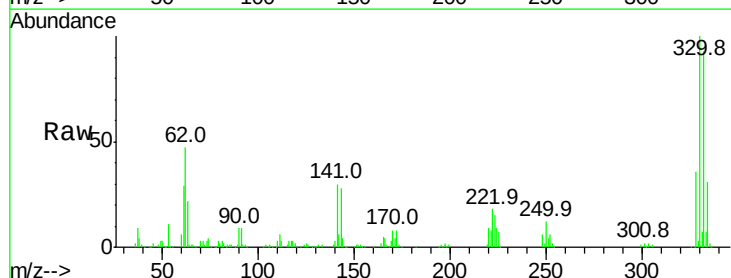
Tgt Ion:330 Resp: 257082

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

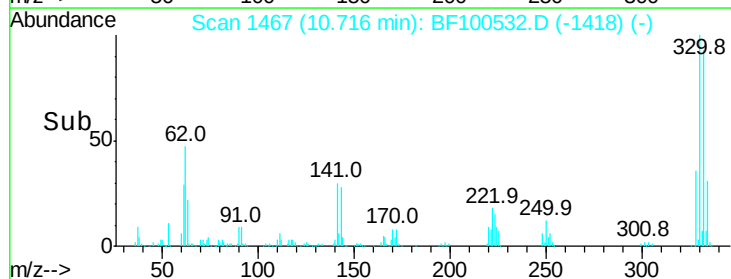
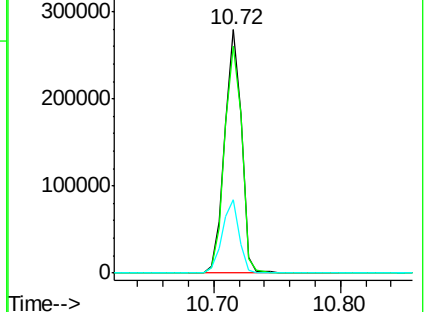
141 30.2 29.9 44.9

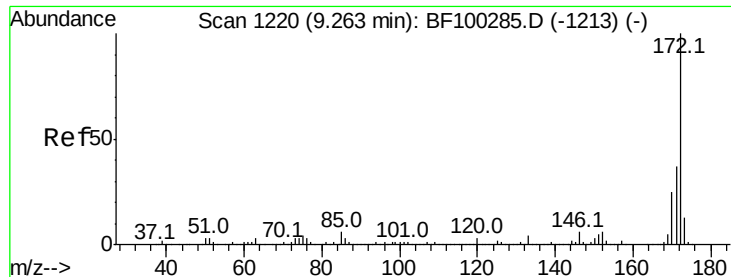


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

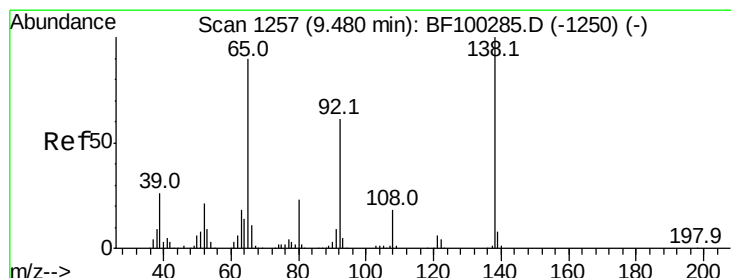
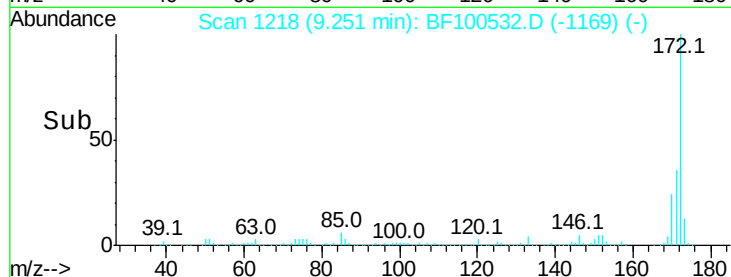
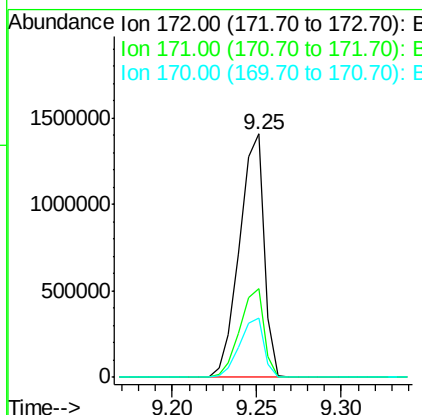
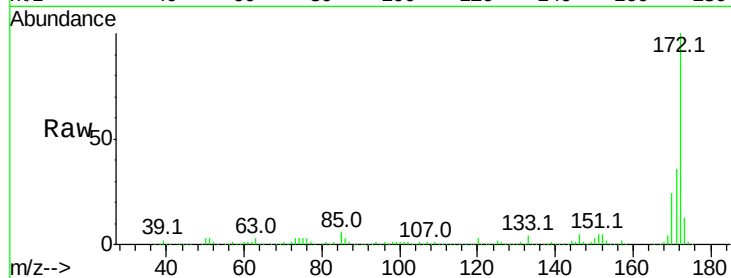




#44
 2-Fluorobiphenyl
 Concen: 131.240 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF100532.D
 Acq: 14 Nov 2017 8:33

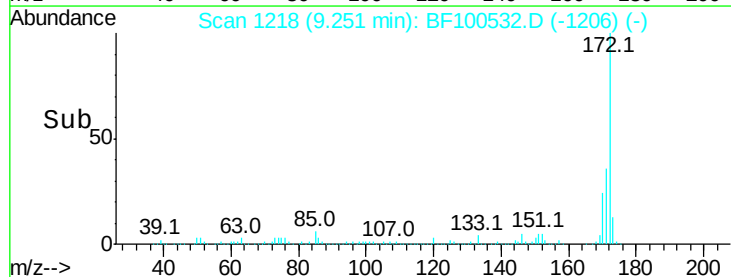
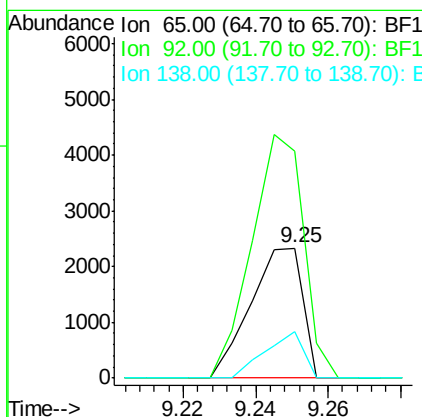
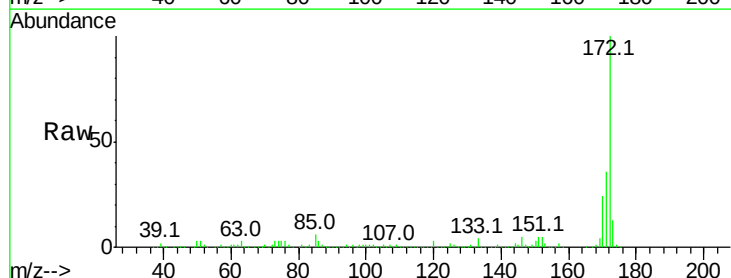
Instrument :
 BNA_F
 ClientSampleId :

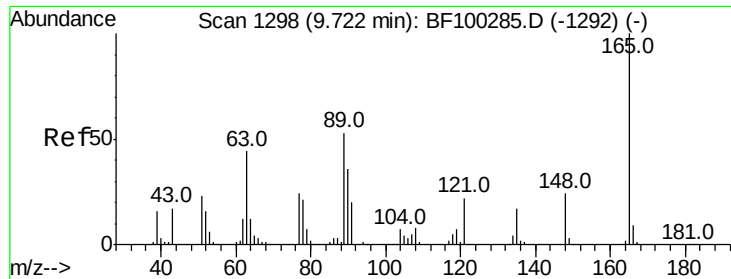
Tot Ion:172 Resp: 1434498
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.5 19.6 29.4



#47
 2-Nitroaniline
 Concen: 3.499 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.23 min
 Lab File: BF100532.D
 Acq: 14 Nov 2017 8:33

Tgt Ion: 65 Resp: 2343
 Ion Ratio Lower Upper
 65 100
 92 174.5 55.8 83.6#
 138 35.5 91.2 136.8#

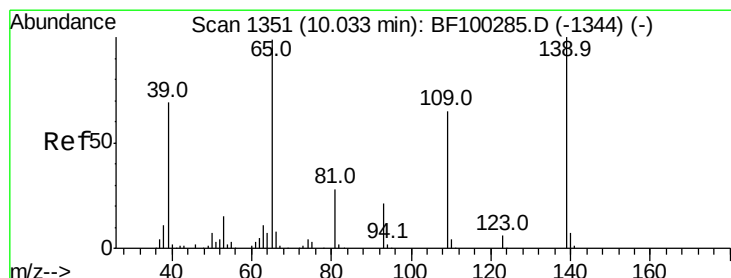
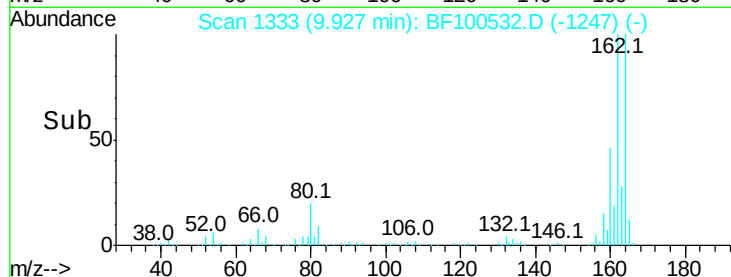
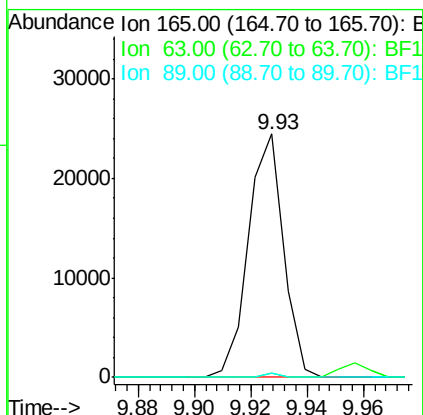
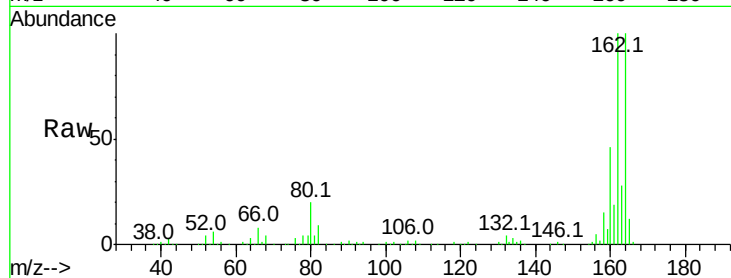




#50
 2,6-Dinitrotoluene
 Concen: 8.399 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.21 min
 Lab File: BF100532.D
 Acq: 14 Nov 2017 8:33

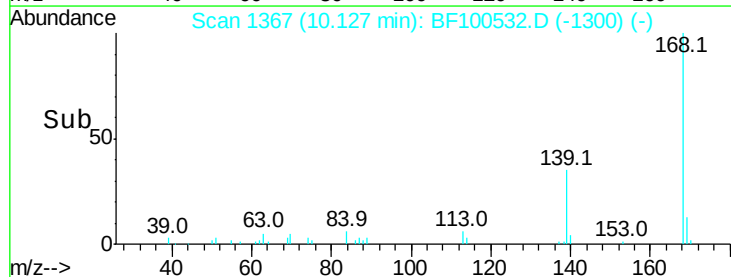
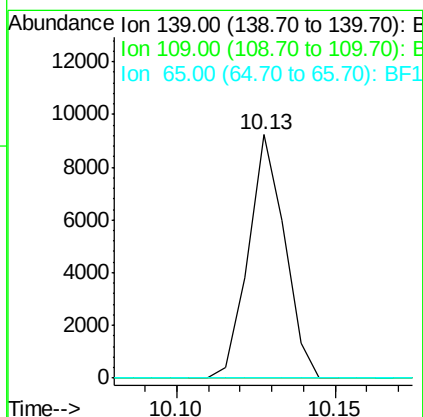
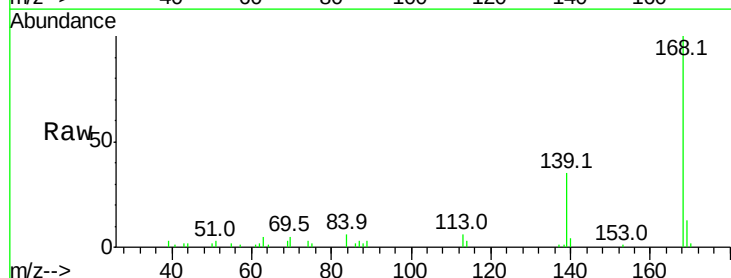
Instrument :
 BNA_F
 ClientSampleId :

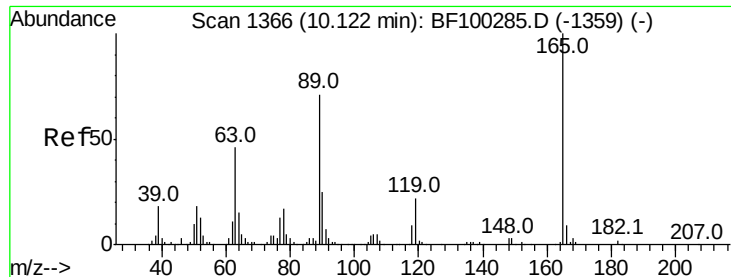
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.7	67.1#
89	1.8	44.0	66.0#



#55
 4-Nitrophenol
 Concen: 3.036 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. 0.09 min
 Lab File: BF100532.D
 Acq: 14 Nov 2017 8:33

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

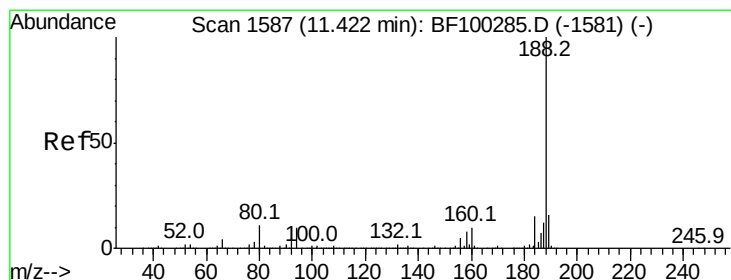
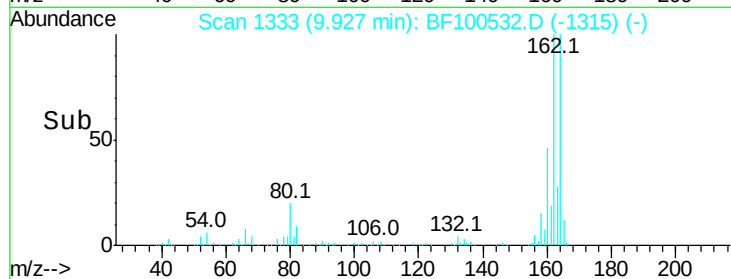
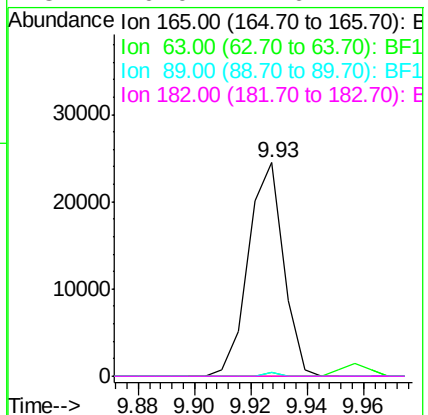
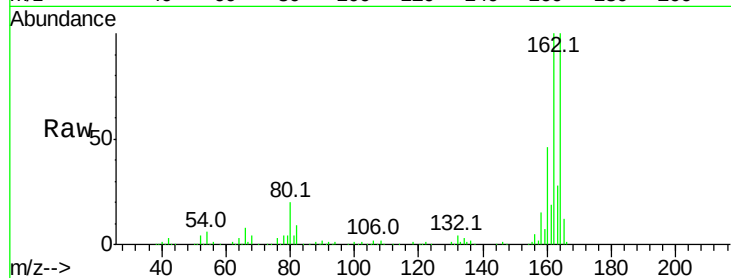




#56
 2,4-Dinitrotoluene
 Concen: 6.658 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.19 min
 Lab File: BF100532.D
 Acq: 14 Nov 2017 8:33

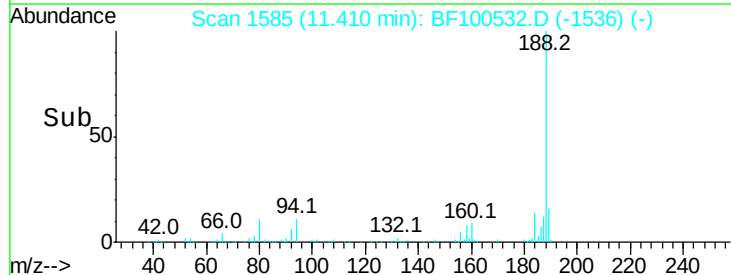
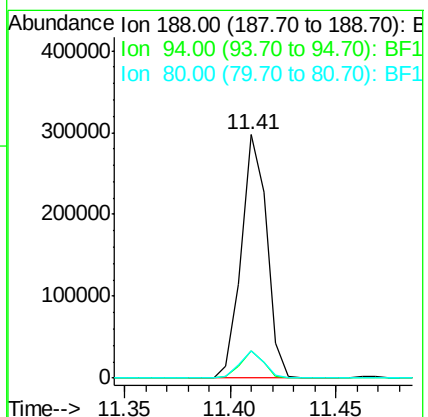
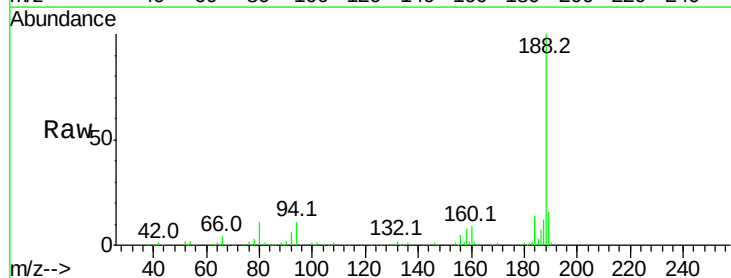
Instrument :
 BNA_F
 ClientSampleId :

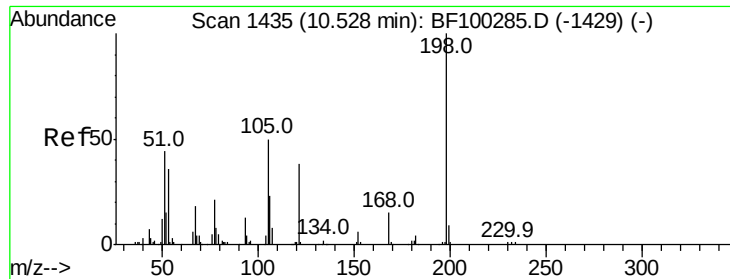
Tot Ion:	165	Resp:	21127
Ion	Ratio	Lower	Upper
165	100		
63	2.0	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF100532.D
 Acq: 14 Nov 2017 8:33

Tgt Ion:	188	Resp:	247192
Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.2	9.2	13.8

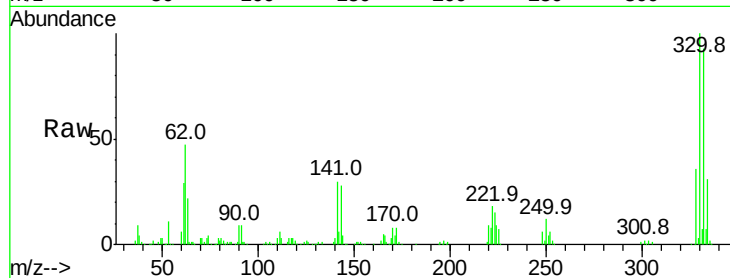




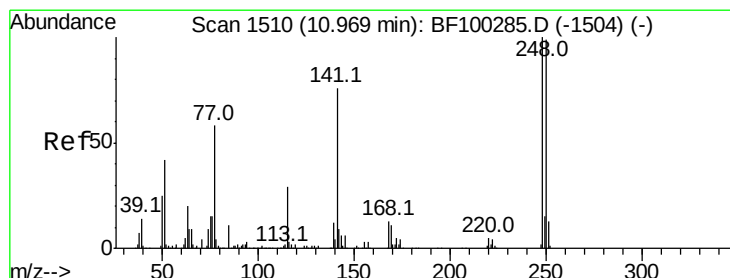
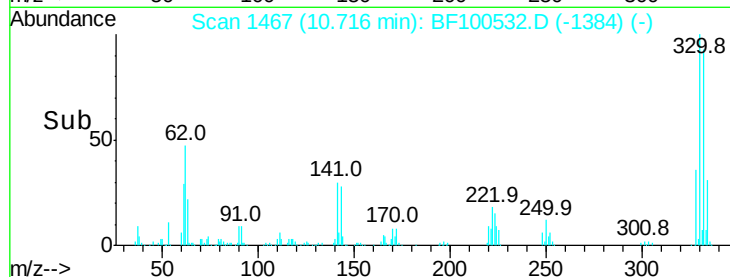
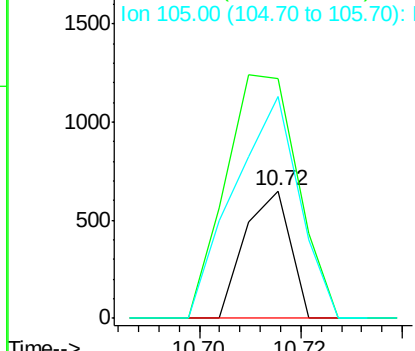
#64
4,6-Dinitro-2-methylphenol
Concen: 8.834 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.19 min
Lab File: BF100532.D
Acq: 14 Nov 2017 8:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 401
Ion Ratio Lower Upper
198 100
51 188.1 37.7 77.7#
105 174.1 36.3 76.3#

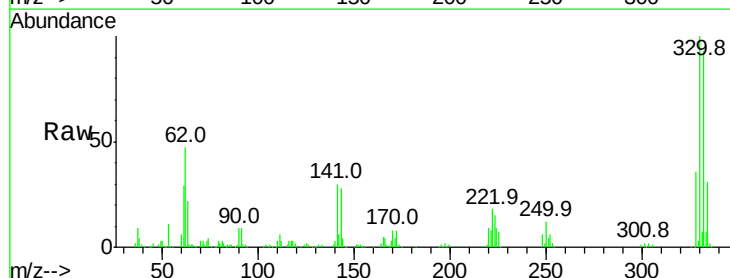


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

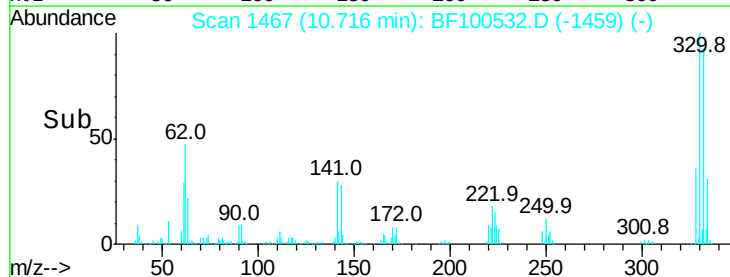
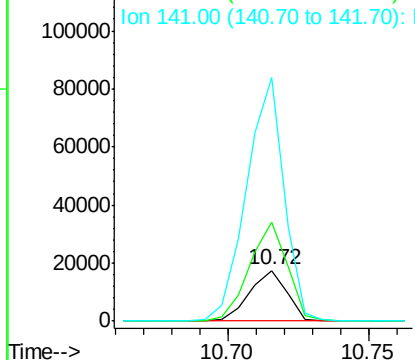


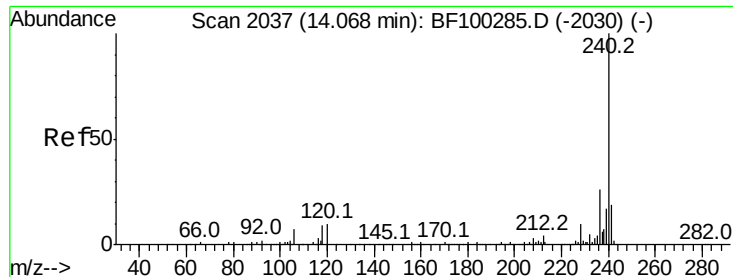
#66
4-Bromophenyl-phenylether
Concen: 6.041 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.25 min
Lab File: BF100532.D
Acq: 14 Nov 2017 8:33

Tgt Ion:248 Resp: 16007
Ion Ratio Lower Upper
248 100
250 195.1 76.9 115.3#
141 482.1 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: 14.05 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF100532.D

Acq: 14 Nov 2017 8:33

Instrument :

BNA_F

ClientSampleId :

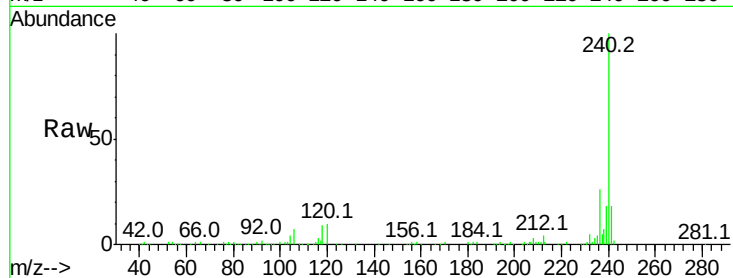
Tot Ion:240 Resp: 218567

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

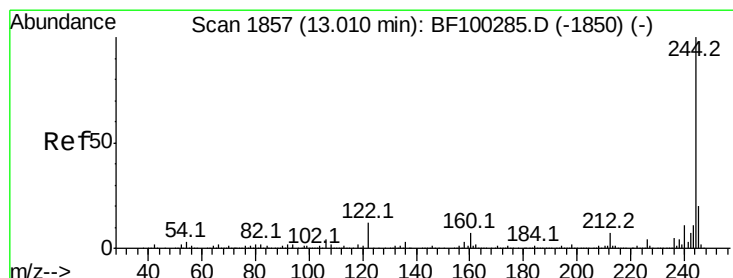
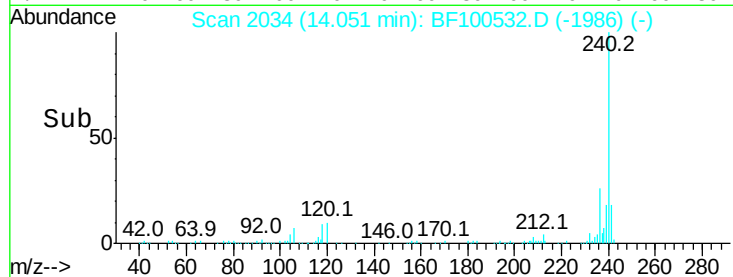
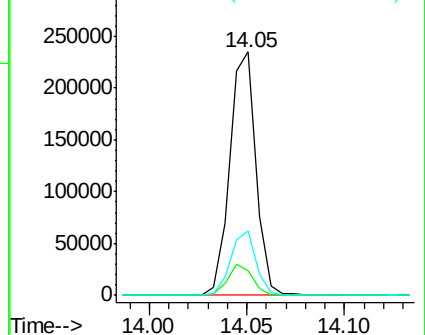
236 26.2 20.7 31.1



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: 106.840 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF100532.D

Acq: 14 Nov 2017 8:33

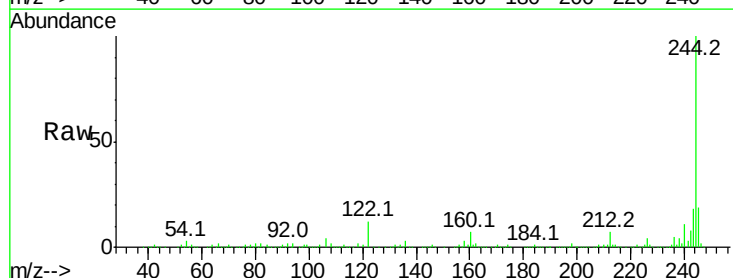
Tgt Ion:244 Resp: 1016300

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

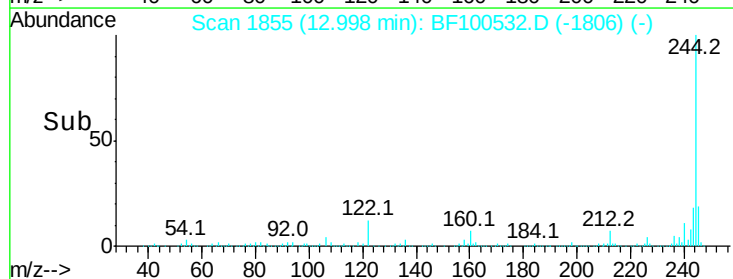
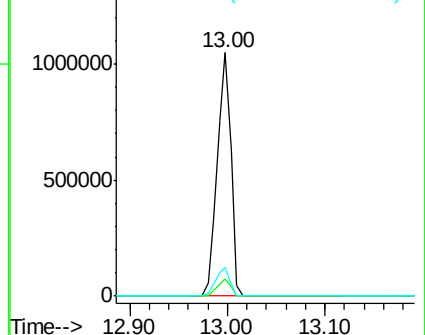
122 11.6 11.0 16.4

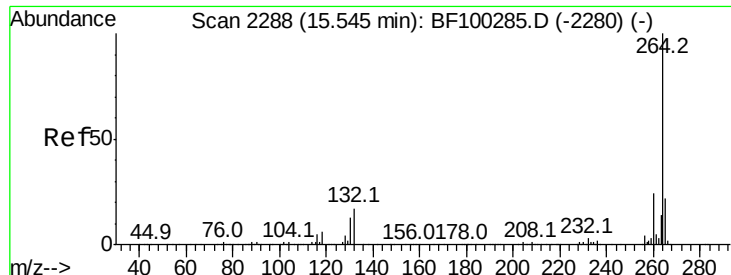


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

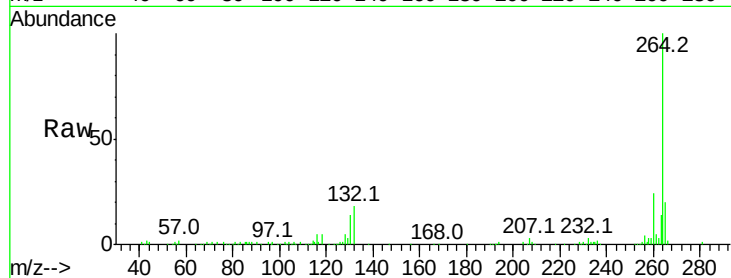




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2285
 Delta R.T. -0.02 min
 Lab File: BF100532.D
 Acq: 14 Nov 2017 8:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	19.8	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

