

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\
 Data File : BF100355.D
 Acq On : 9 Nov 2017 21:56
 Operator : SJ/JU
 Sample : I6377-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 10 00:28:57 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	182574	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	731182	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	337525	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	623275	20.00	ng	0.00
75) Chrysene-d12	14.06	240	384330	20.00	ng	0.00
86) Perylene-d12	15.54	264	380739	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	1103188	96.86	ng	0.01
7) Phenol-d6	6.53	99	1387427	98.79	ng	0.00
23) Nitrobenzene-d5	7.46	82	879726	79.54	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	345088	100.33	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1520387	68.59	ng	0.00
78) Terphenyl-d14	13.01	244	1247770	74.60	ng	0.00

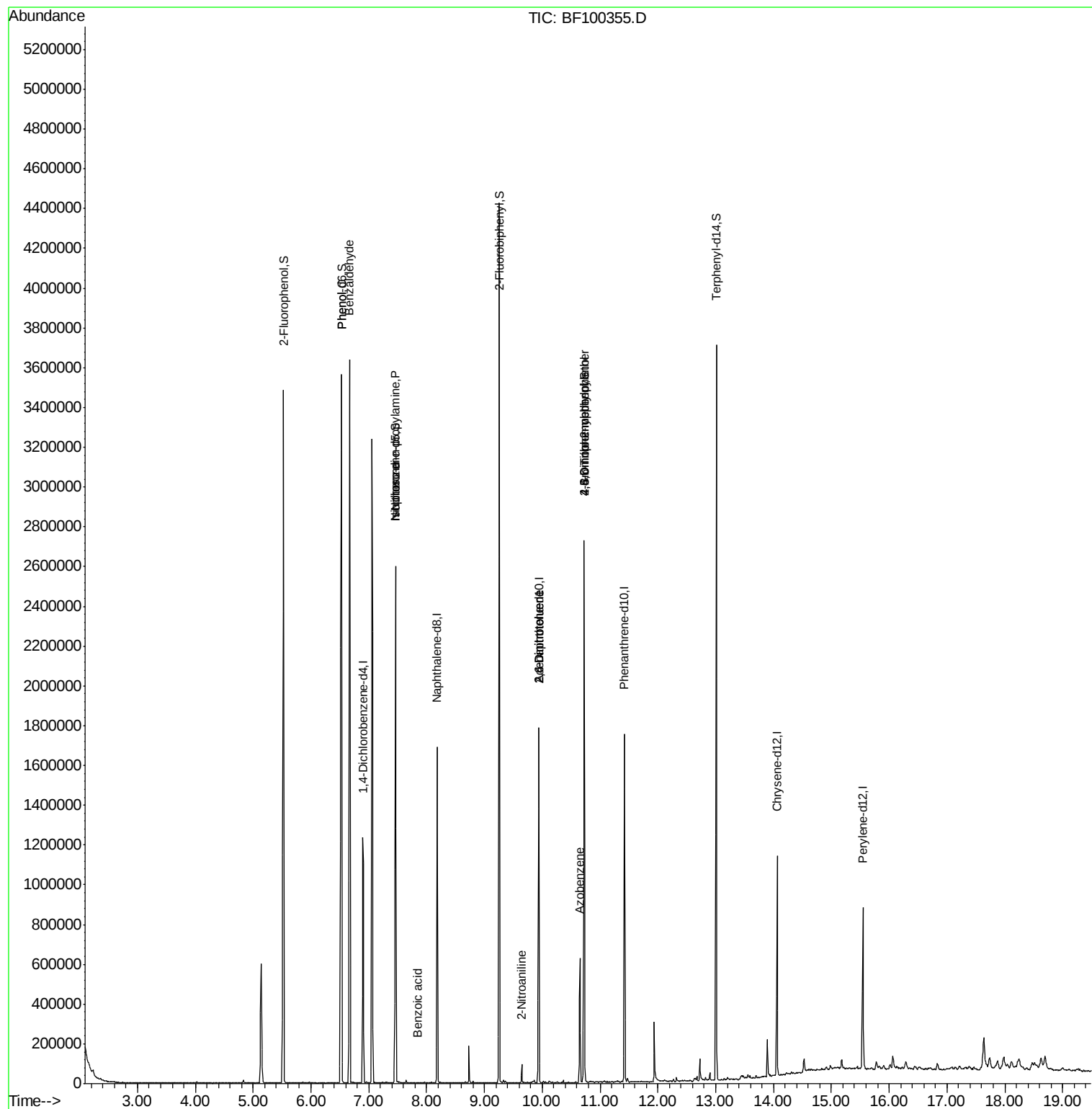
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.67	77	24851	2.478	ng	81
10) Phenol	6.53	94	44373	3.010	ng	89
19) n-Nitroso-di-n-propylamine	7.46	70	115402	11.848	ng	# 81
25) Isophorone	7.46	82	879371	37.838	ng	# 64
32) Benzoic acid	7.85	122	287	9.400	ng	# 81
47) 2-Nitroaniline	9.65	65	192	2.813	ng	# 1
50) 2,6-Dinitrotoluene	9.94	165	42113	8.256	ng	# 26
56) 2,4-Dinitrotoluene	9.94	165	42113	6.544	ng	# 24
62) Azobenzene	10.65	77	99055	4.078	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.73	198	818	8.784	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	21873	3.274	ng	# 1

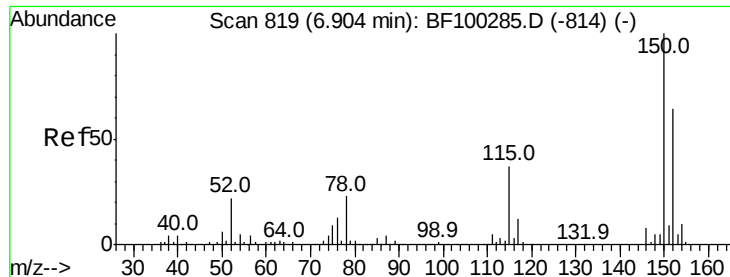
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\
Data File : BF100355.D
Acq On : 9 Nov 2017 21:56
Operator : SJ/JU
Sample : I6377-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 10 00:28:57 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



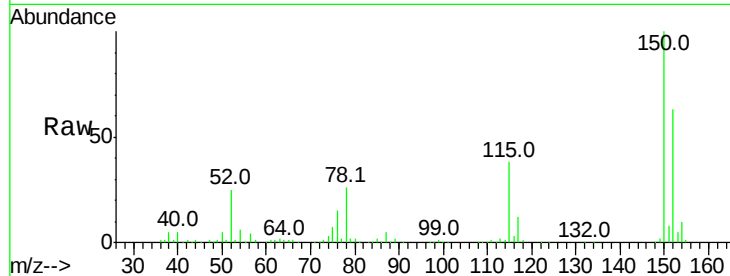


#1

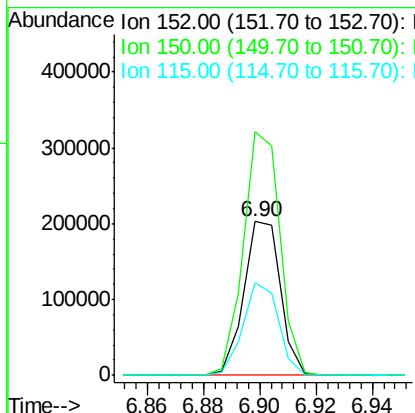
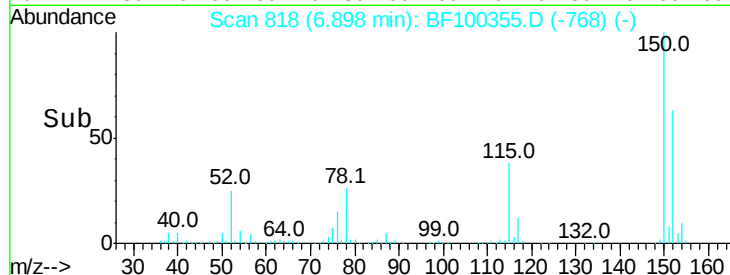
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100355.D
Acq: 9 Nov 2017 21:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 182574
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 60.2 50.1 75.1



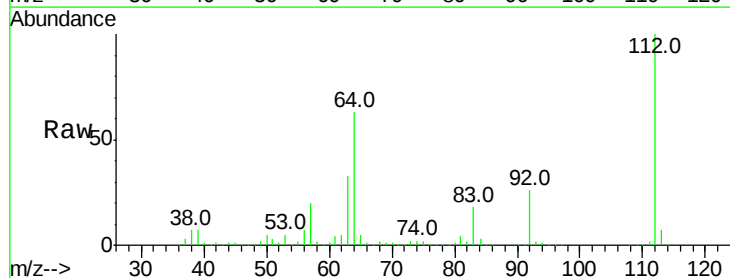
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



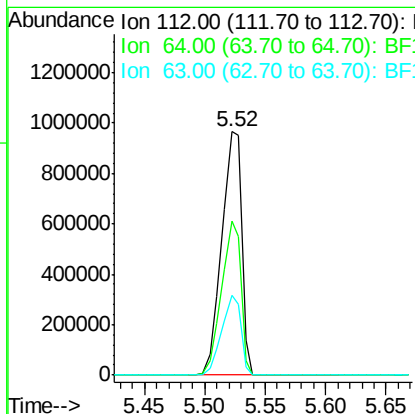
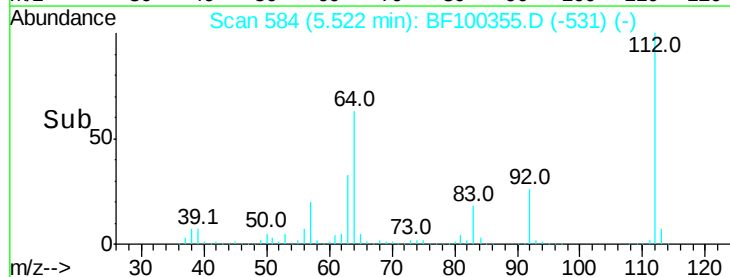
#5

2-Fluorophenol
Concen: 96.859 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF100355.D
Acq: 9 Nov 2017 21:56

Tgt Ion:112 Resp: 1103188
Ion Ratio Lower Upper
112 100
64 63.1 47.9 71.9
63 32.6 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: 98.785 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF100355.D

Acq: 9 Nov 2017 21:56

Instrument :

BNA_F

ClientSampleId :

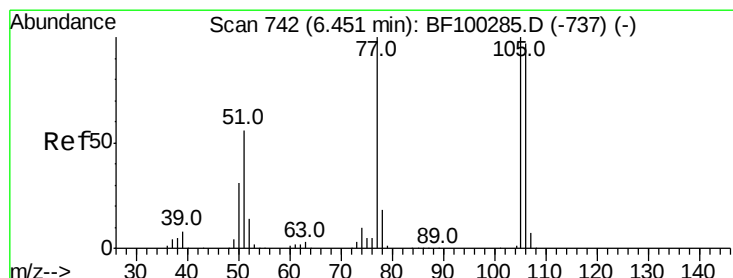
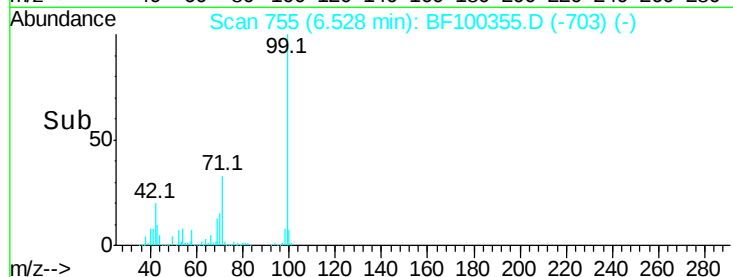
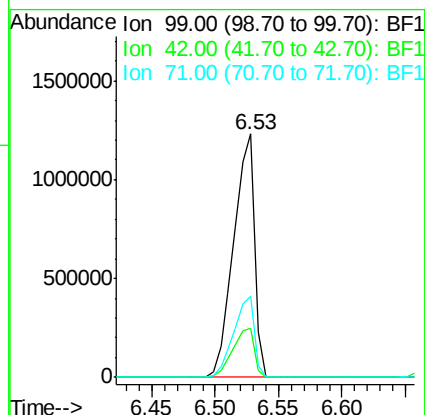
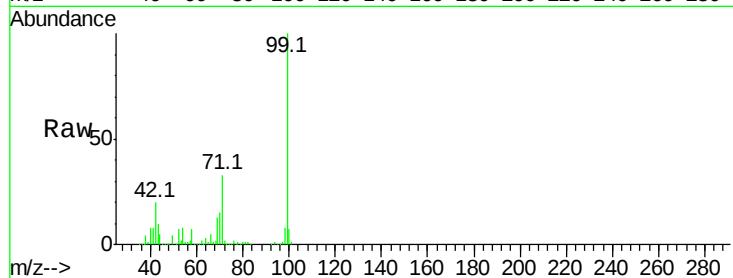
Tot Ion: 99 Resp: 1387427

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

71 33.1 25.4 38.0



#9

Benzaldehyde

Concen: 2.478 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.21 min

Lab File: BF100355.D

Acq: 9 Nov 2017 21:56

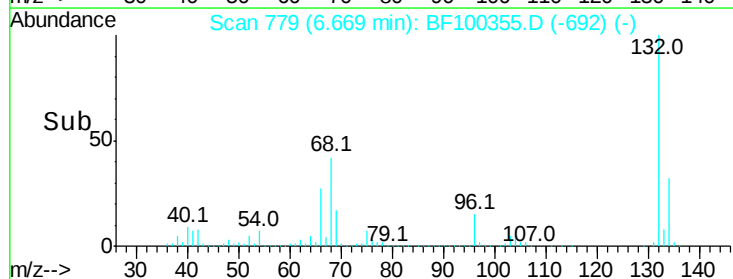
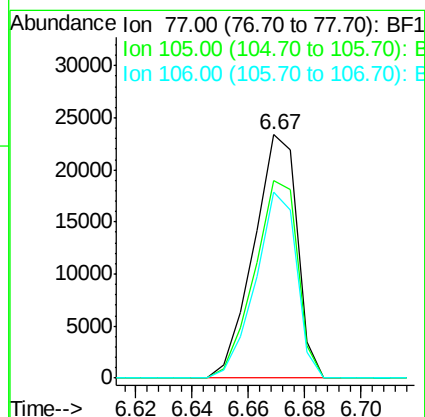
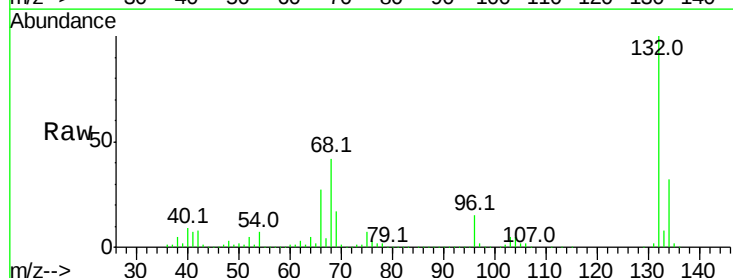
Tgt Ion: 77 Resp: 24851

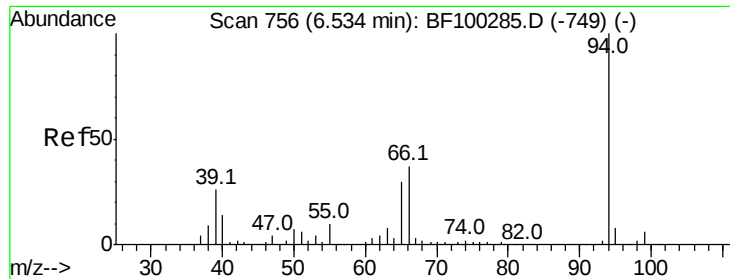
Ion Ratio Lower Upper

77 100

105 81.3 81.1 121.1

106 76.6 74.5 114.5

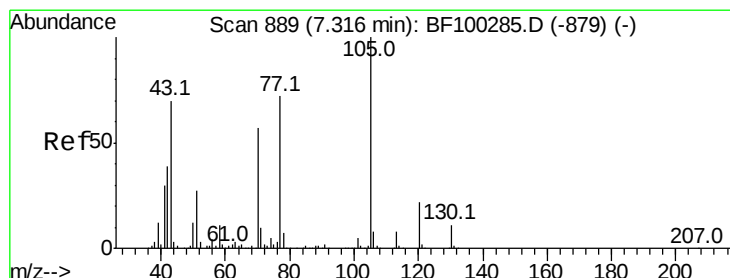
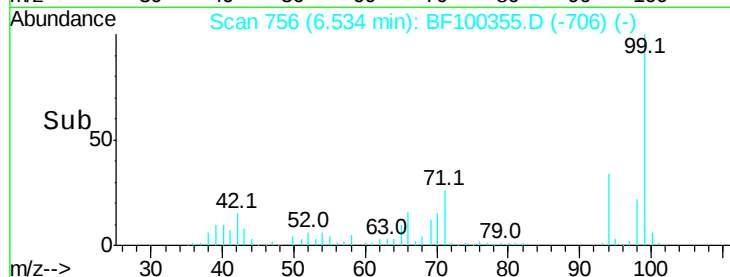
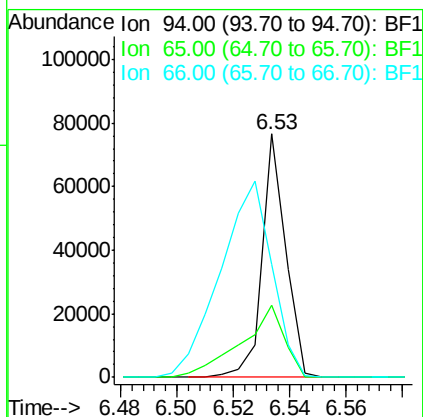
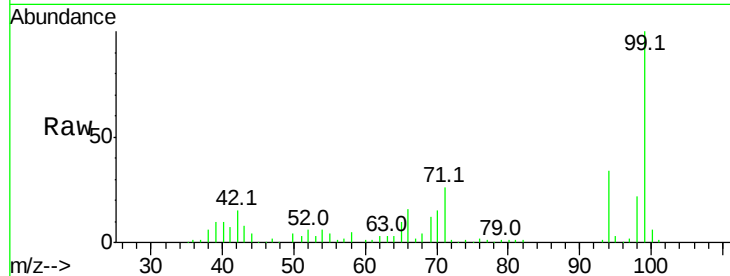




#10
Phenol
Concen: 3.010 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF100355.D
Acq: 9 Nov 2017 21:56

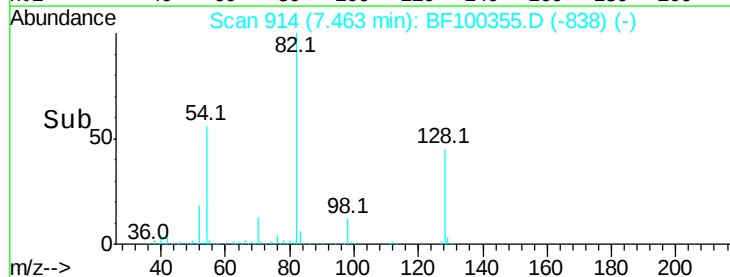
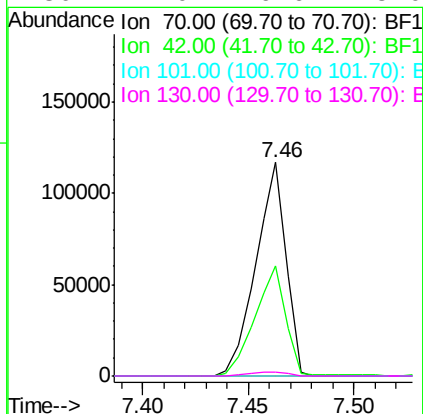
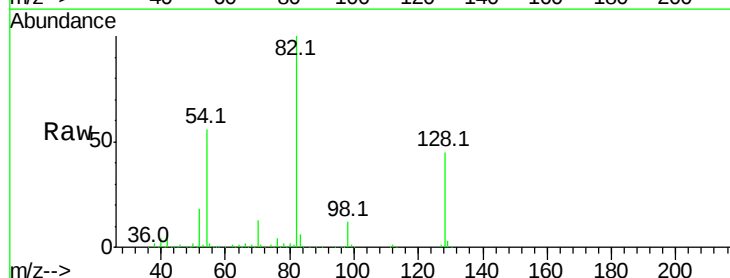
Instrument :
BNA_F
ClientSampled :

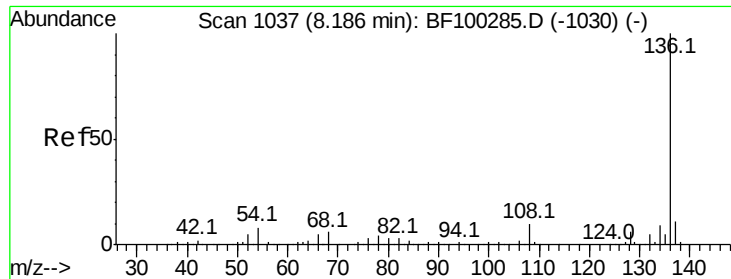
Tot Ion: 94 Resp: 44373
Ion Ratio Lower Upper
94 100
65 29.7 7.9 47.9
66 46.6 16.2 56.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.848 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.15 min
Lab File: BF100355.D
Acq: 9 Nov 2017 21:56

Tgt Ion: 70 Resp: 115402
Ion Ratio Lower Upper
70 100
42 51.7 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#

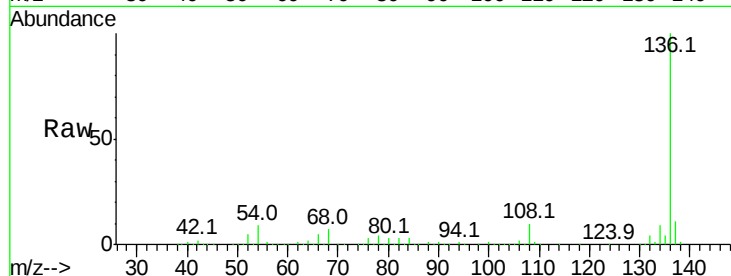




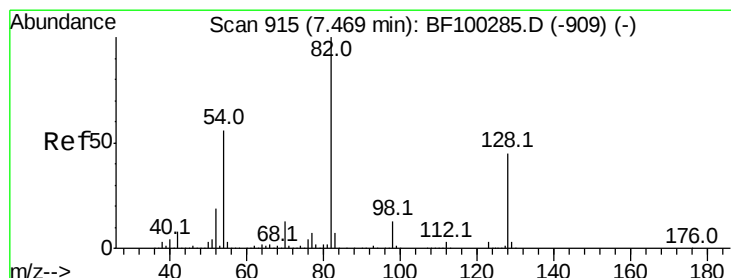
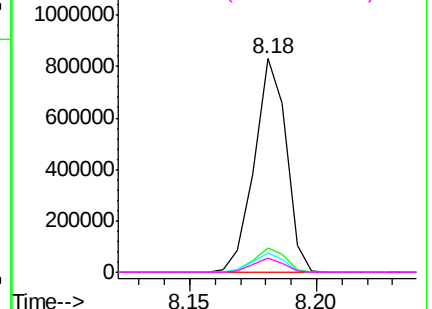
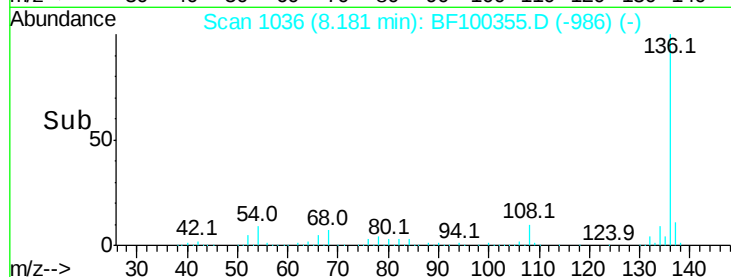
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100355.D
Acq: 9 Nov 2017 21:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	731182
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.2	6.6	9.8
68	6.5	5.0	7.4

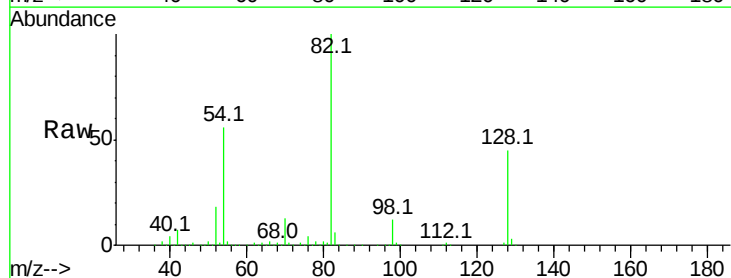


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

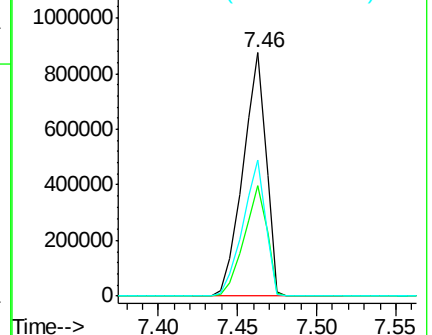
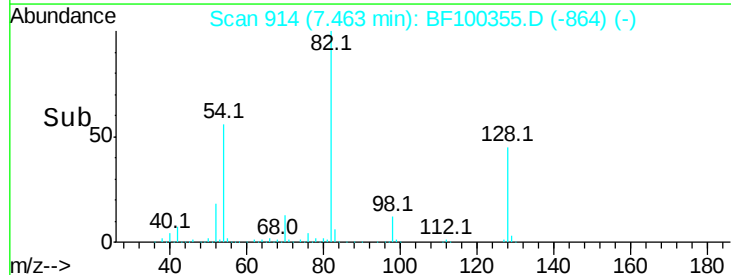


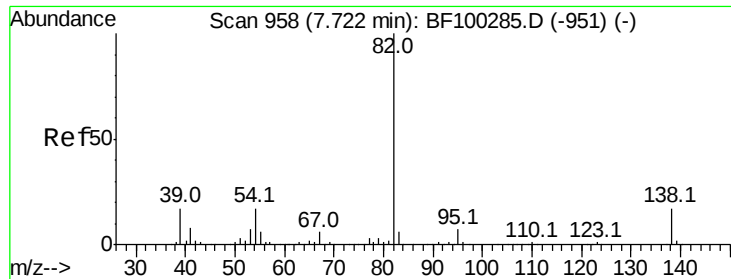
#23
Nitrobenzene-d5
Concen: 79.545 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100355.D
Acq: 9 Nov 2017 21:56

Tgt Ion:	82	Resp:	879726
Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	55.8	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: 37.838 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.26 min

Lab File: BF100355.D

Acq: 9 Nov 2017 21:56

Instrument :

BNA_F

ClientSampled :

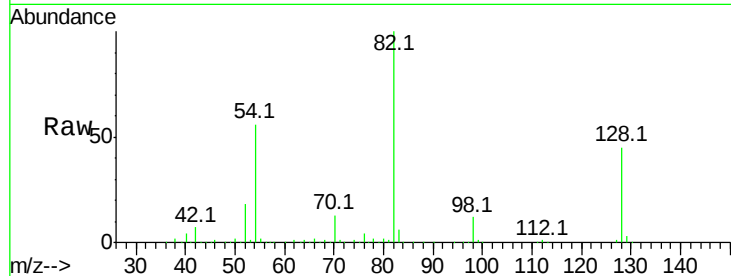
Tot Ion: 82 Resp: 879371

Ion Ratio Lower Upper

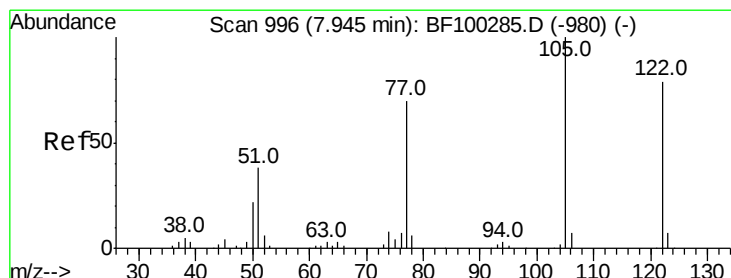
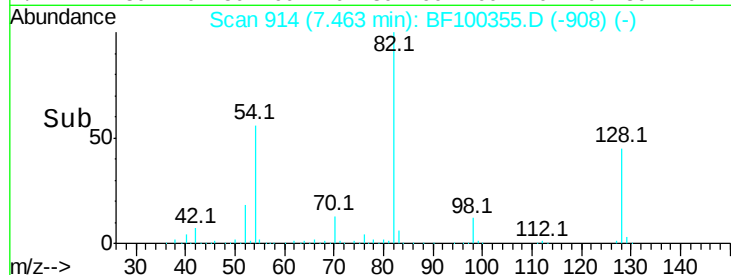
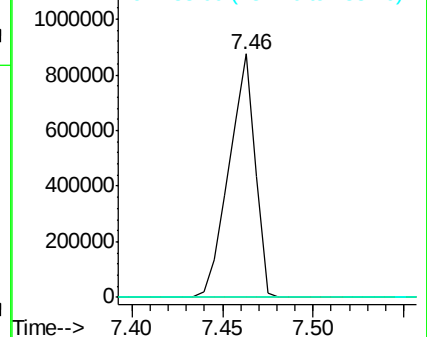
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#32

Benzoic acid

Concen: 9.400 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.10 min

Lab File: BF100355.D

Acq: 9 Nov 2017 21:56

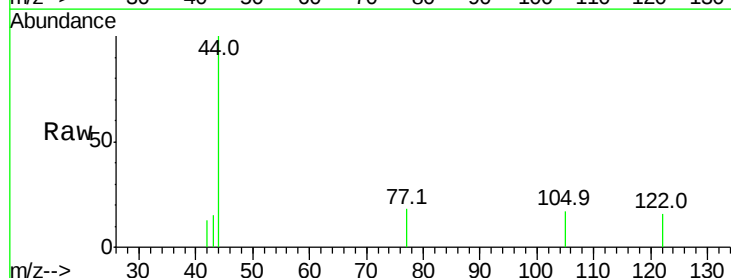
Tgt Ion: 122 Resp: 287

Ion Ratio Lower Upper

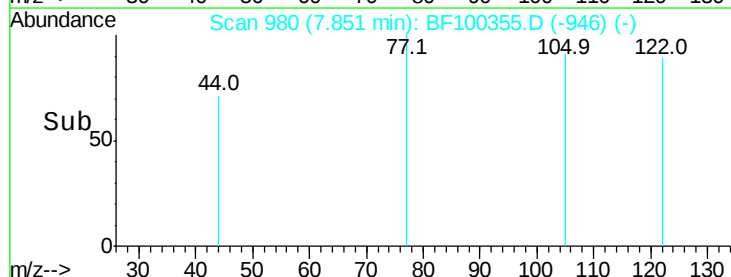
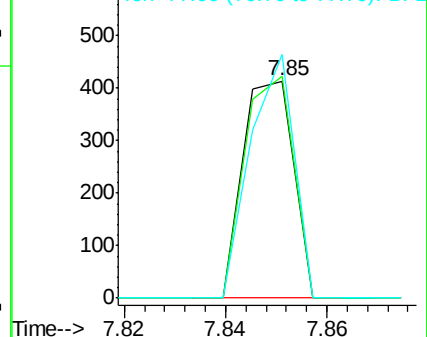
122 100

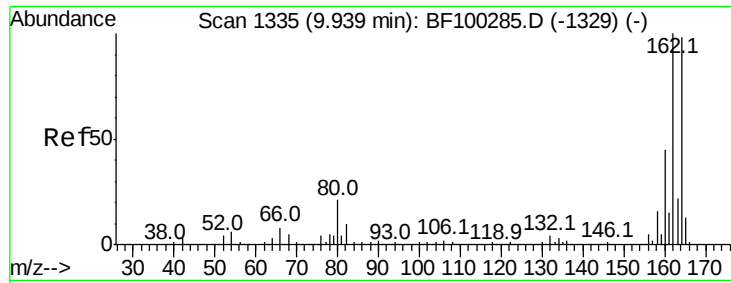
105 102.4 101.1 141.1

77 112.1 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

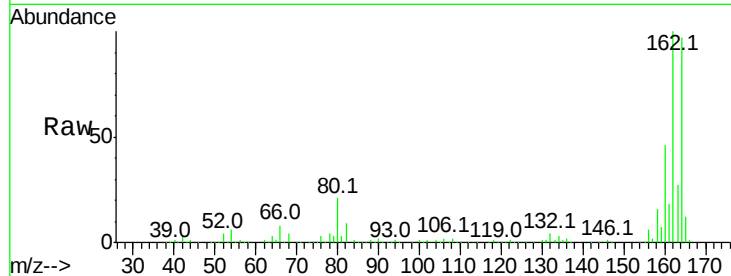




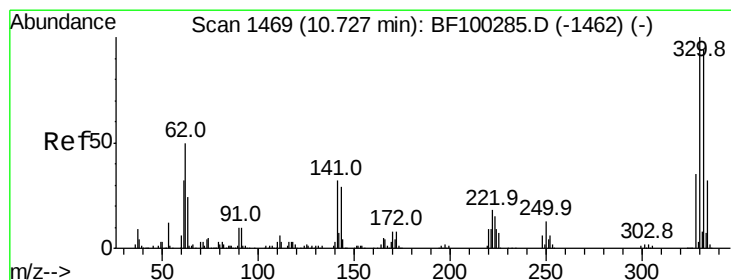
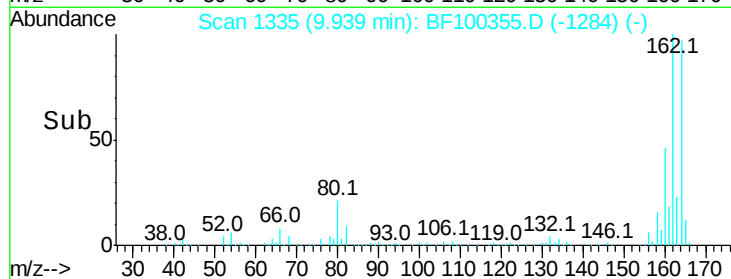
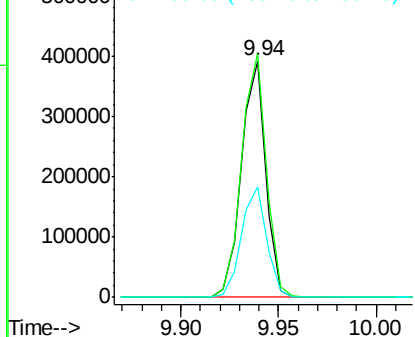
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF100355.D
Acq: 9 Nov 2017 21:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 337525
Ion Ratio Lower Upper
164 100
162 103.0 86.1 129.1
160 47.0 38.3 57.5

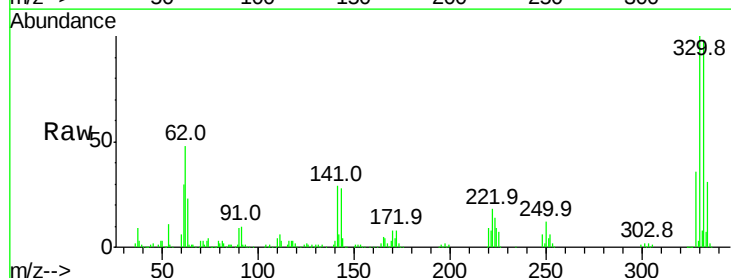


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

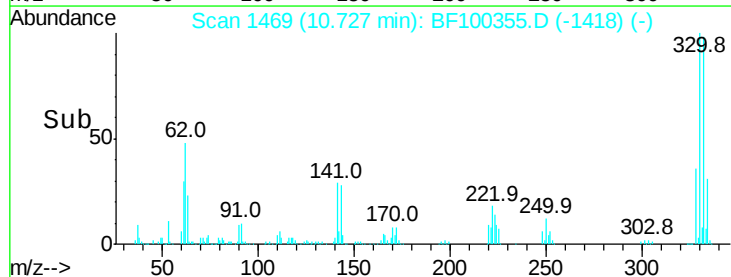
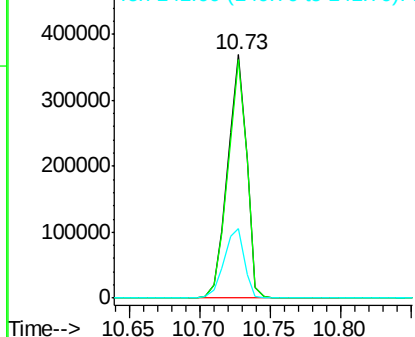


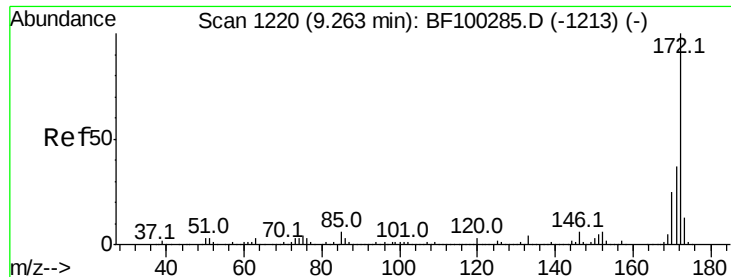
#41
2,4,6-Tribromophenol
Concen: 100.334 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.00 min
Lab File: BF100355.D
Acq: 9 Nov 2017 21:56

Tgt Ion:330 Resp: 345088
Ion Ratio Lower Upper
330 100
332 97.6 77.0 115.6
141 30.7 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

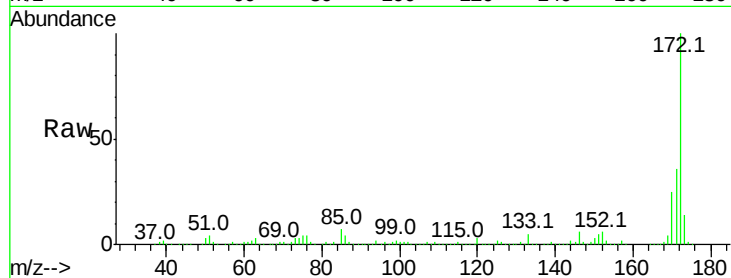




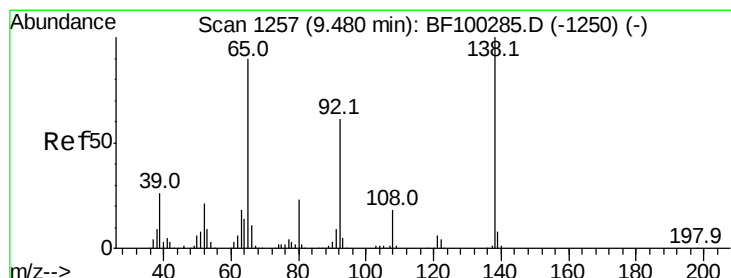
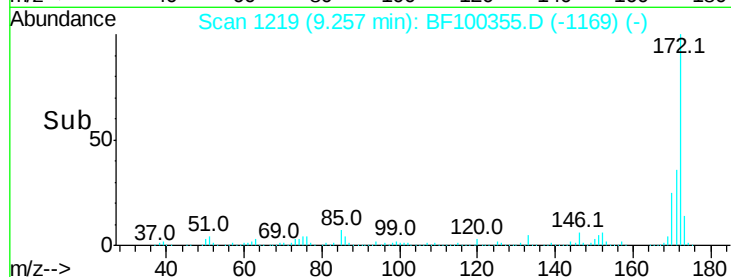
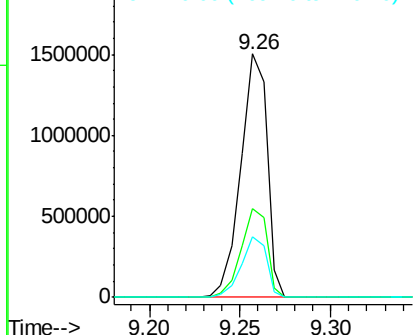
#44
2-Fluorobiphenyl
Concen: 68.591 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF100355.D
Acq: 9 Nov 2017 21:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1520387
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.7 19.6 29.4

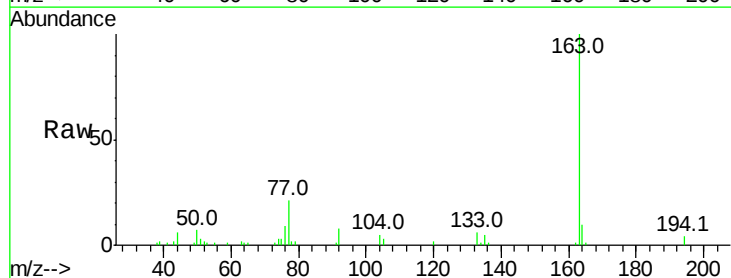


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

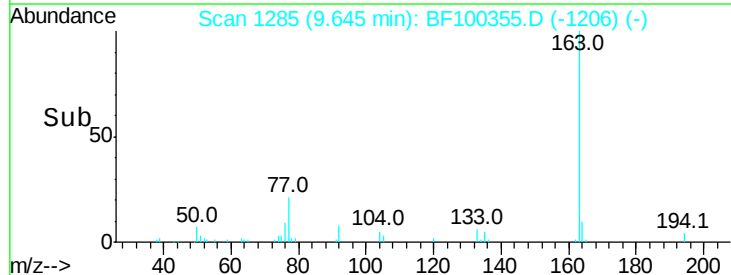
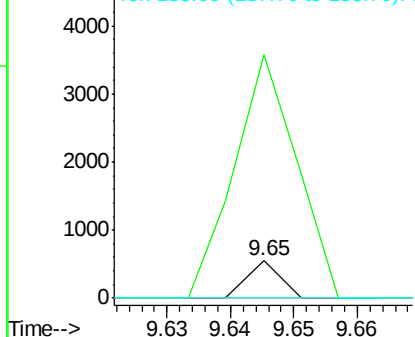


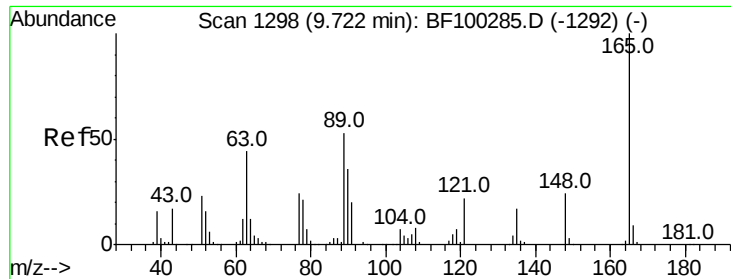
#47
2-Nitroaniline
Concen: 2.813 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.16 min
Lab File: BF100355.D
Acq: 9 Nov 2017 21:56

Tgt Ion: 65 Resp: 192
Ion Ratio Lower Upper
65 100
92 658.3 55.8 83.6#
138 0.0 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

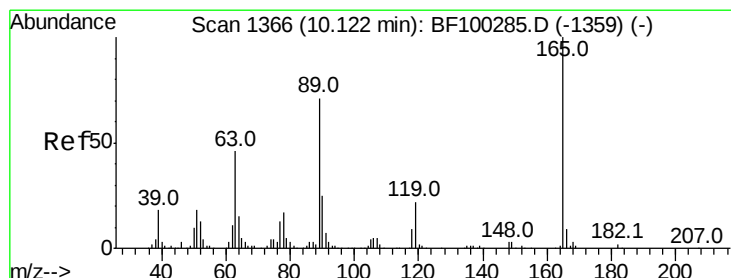
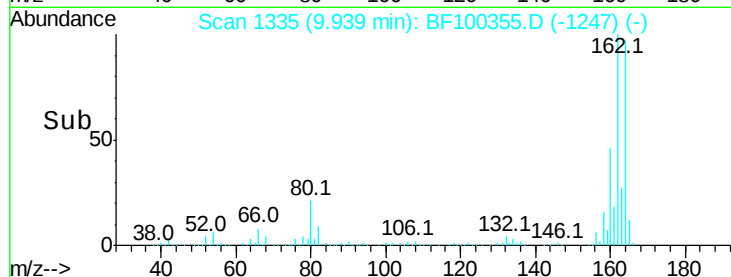
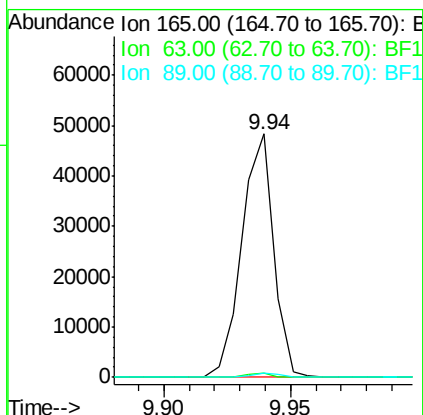
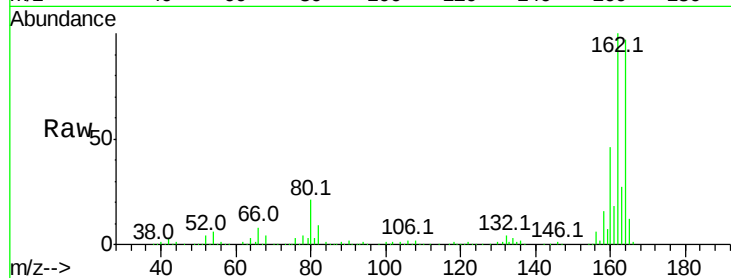




#50
 2,6-Dinitrotoluene
 Concen: 8.256 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.22 min
 Lab File: BF100355.D
 Acq: 9 Nov 2017 21:56

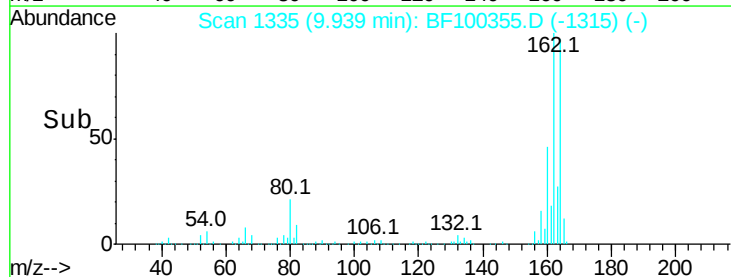
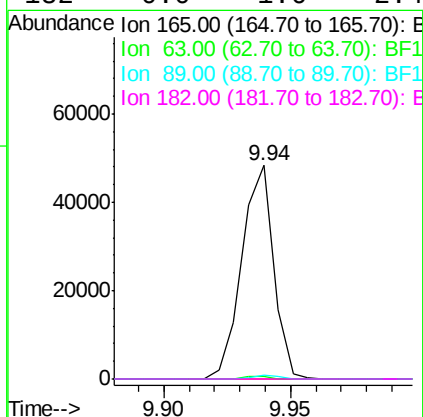
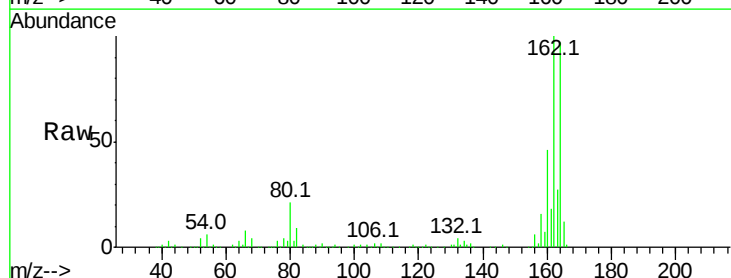
Instrument :
 BNA_F
 ClientSampleId :

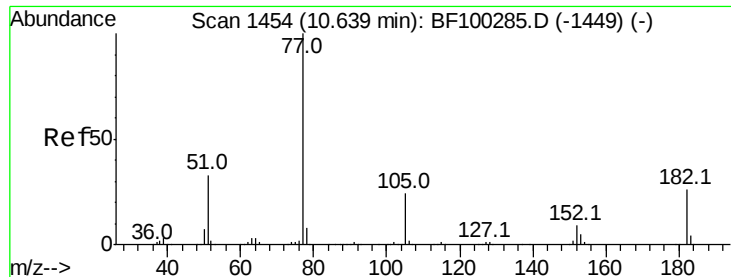
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.7	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.544 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.18 min
 Lab File: BF100355.D
 Acq: 9 Nov 2017 21:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#





#62

Azobenzene

Concen: 4.078 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.01 min

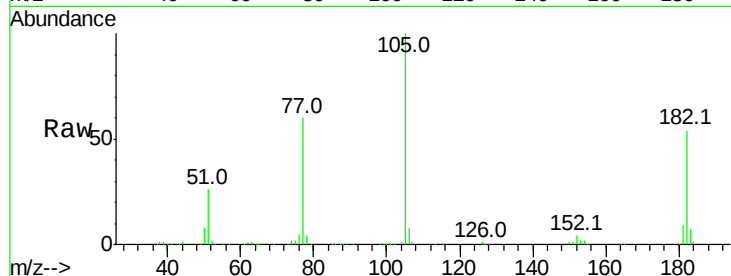
Lab File: BF100355.D

Acq: 9 Nov 2017 21:56

Instrument :

BNA_F

ClientSampled :



Tot Ion: 77 Resp: 99055

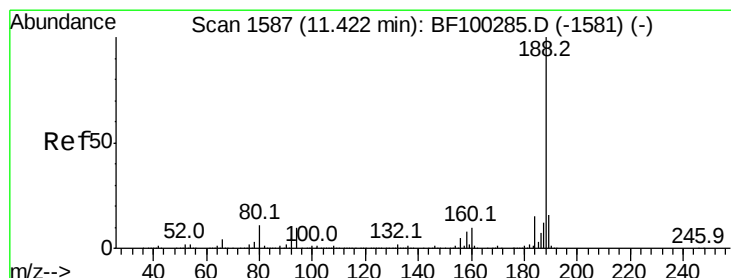
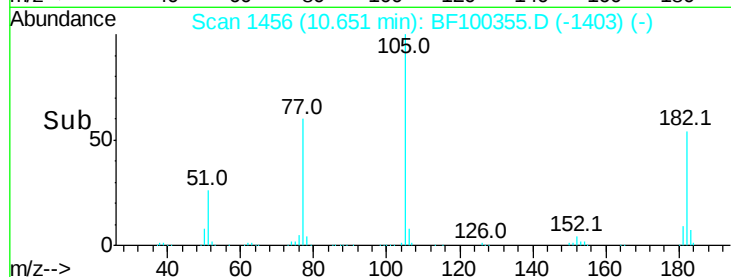
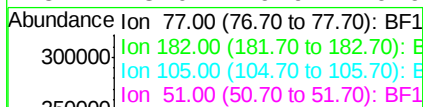
Ion Ratio Lower Upper

77 100

182 90.1 1.7 41.7#

105 167.1 3.0 43.0#

51 43.0 9.9 49.9



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF100355.D

Acq: 9 Nov 2017 21:56

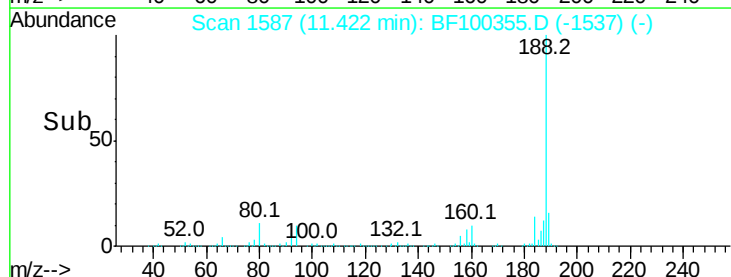
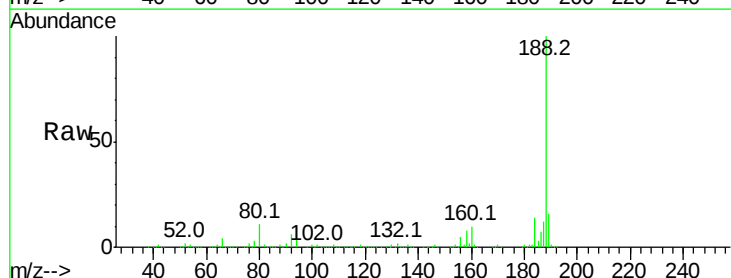
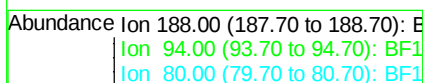
Tgt Ion: 188 Resp: 623275

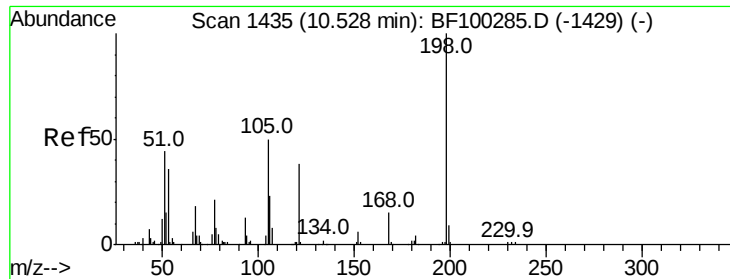
Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

80 11.4 9.2 13.8

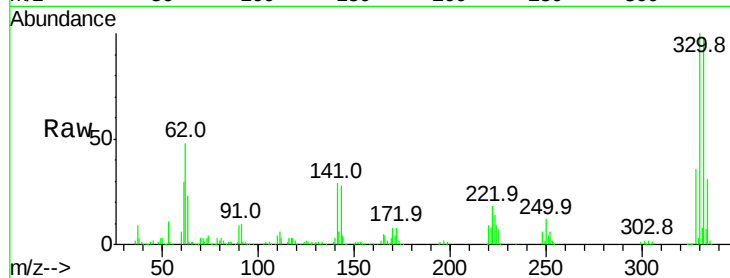




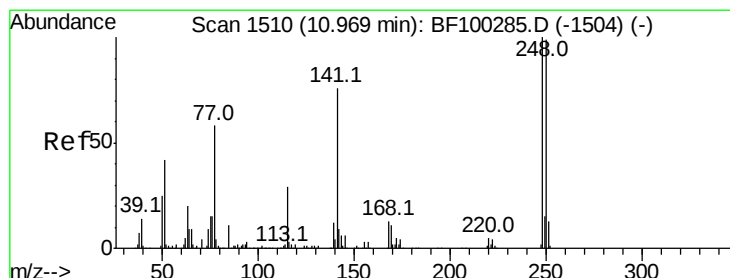
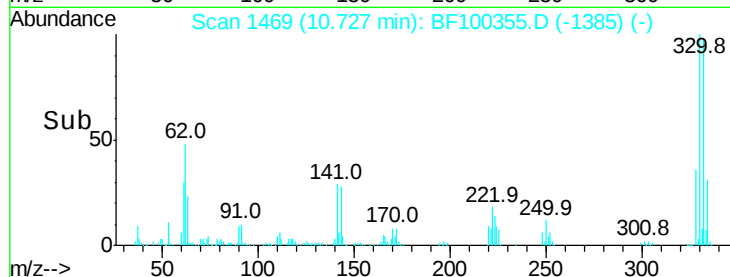
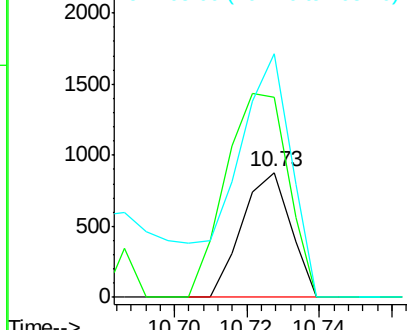
#64
4,6-Dinitro-2-methylphenol
Concen: 8.784 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.19 min
Lab File: BF100355.D
Acq: 9 Nov 2017 21:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 818
Ion Ratio Lower Upper
198 100
51 160.1 37.7 77.7#
105 195.3 36.3 76.3#

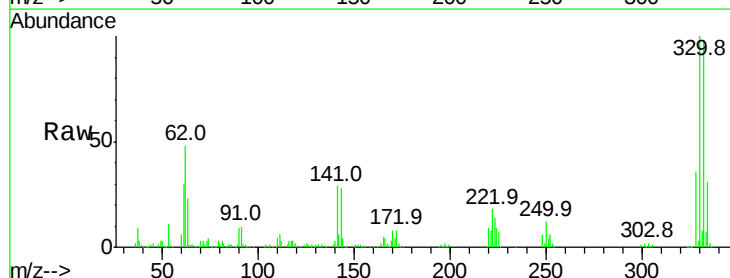


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

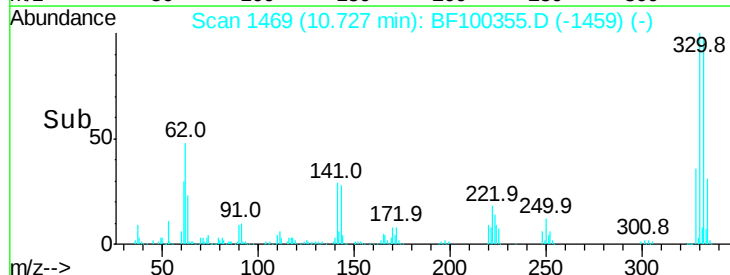
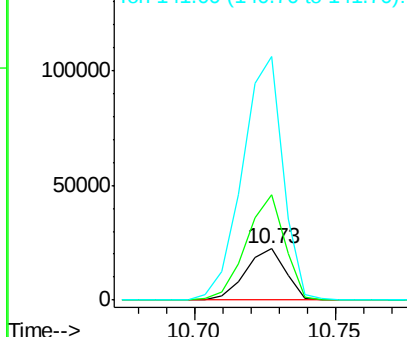


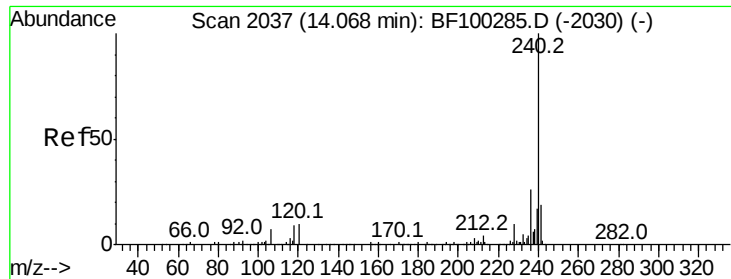
#66
4-Bromophenyl-phenylether
Concen: 3.274 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF100355.D
Acq: 9 Nov 2017 21:56

Tgt Ion:248 Resp: 21873
Ion Ratio Lower Upper
248 100
250 204.3 76.9 115.3#
141 474.8 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: BF100355.D

Acq: 9 Nov 2017 21:56

Instrument :

BNA_F

ClientSampleId :

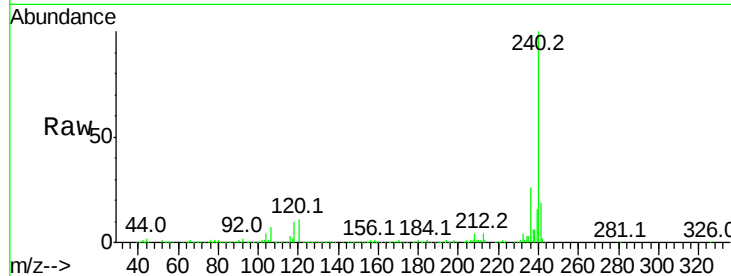
Tot Ion:240 Resp: 384330

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

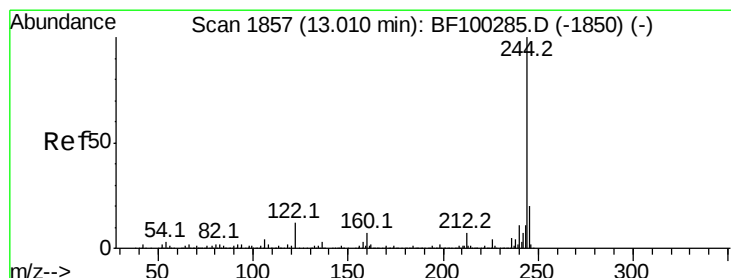
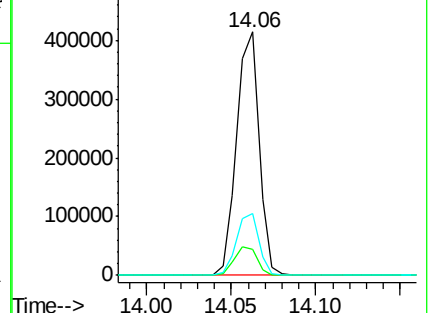
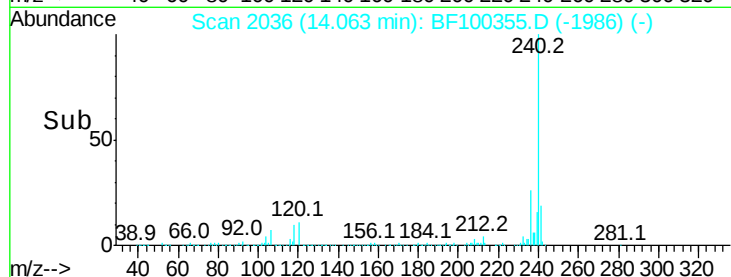
236 25.6 20.7 31.1



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: 74.598 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BF100355.D

Acq: 9 Nov 2017 21:56

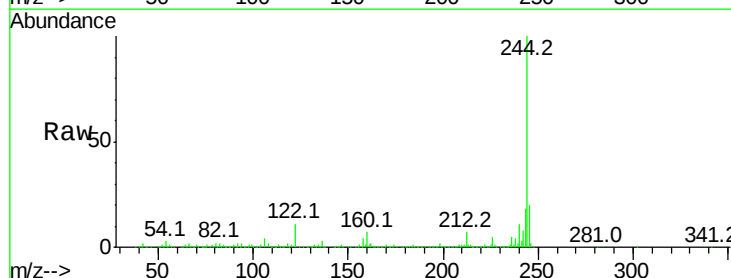
Tgt Ion:244 Resp: 1247770

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

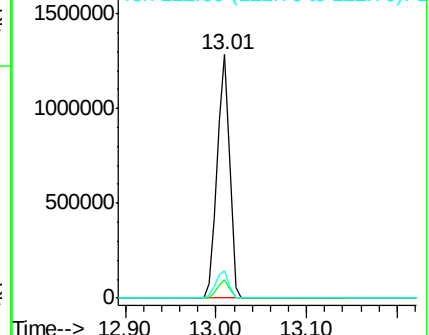
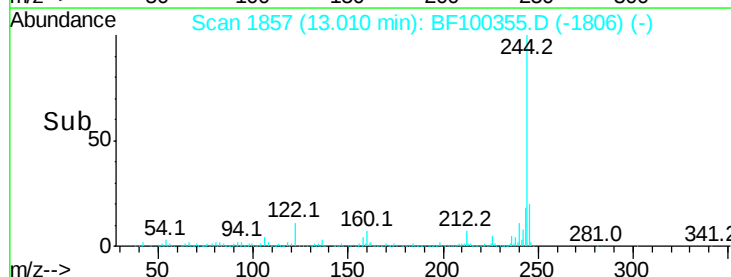
122 11.3 11.0 16.4

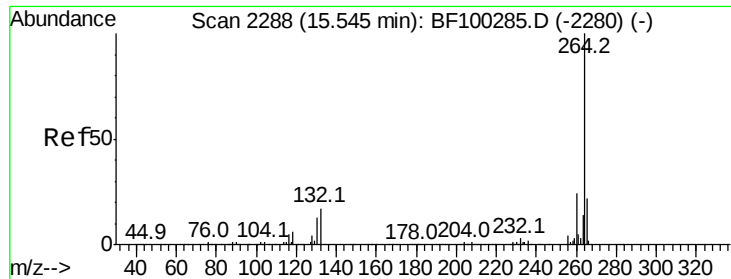


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF100355.D
 Acq: 9 Nov 2017 21:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.0	17.5	26.3

