

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\
 Data File : BF100422.D
 Acq On : 11 Nov 2017 5:43
 Operator : SJ/JU
 Sample : I6355-12
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 13 07:18:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:44:40 2017
 Response via : Initial Calibration

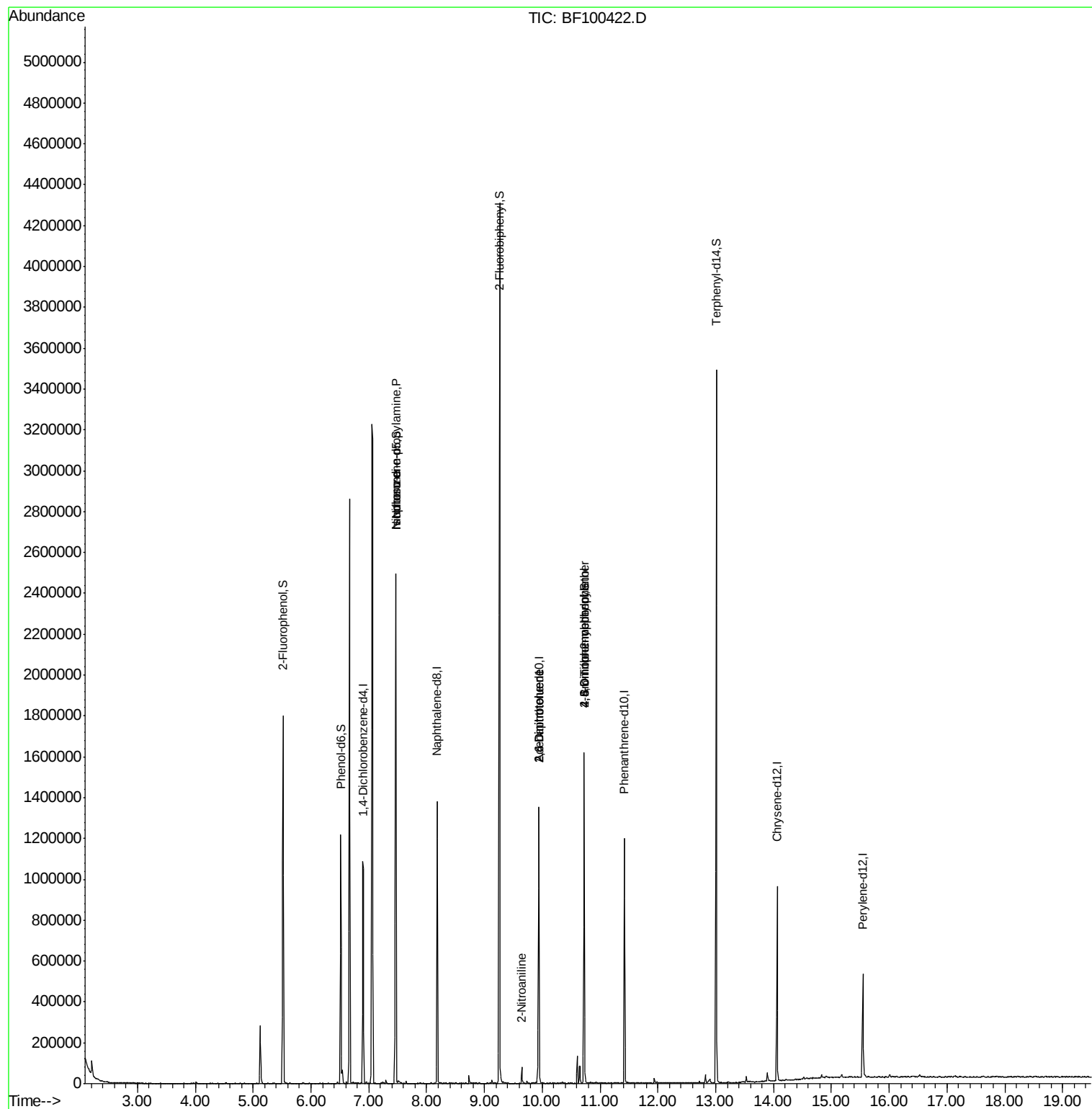
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	163311	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	602343	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	249776	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	400348	20.00	ng	0.00
75) Chrysene-d12	14.06	240	332478	20.00	ng	0.00
86) Perylene-d12	15.54	264	256186	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	450246	44.19	ng	0.00
7) Phenol-d6	6.52	99	342990	27.30	ng	-0.01
23) Nitrobenzene-d5	7.47	82	948277	104.08	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	199147	78.24	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1549461	94.46	ng	0.00
78) Terphenyl-d14	13.01	244	1161121	80.24	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	128488	14.747	ng	# 81
25) Isophorone	7.47	82	946557	49.440	ng	# 64
47) 2-Nitroaniline	9.65	65	131	2.811	ng	# 1
50) 2,6-Dinitrotoluene	9.94	165	32032	8.485	ng	# 26
56) 2,4-Dinitrotoluene	9.94	165	32032	6.726	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.73	198	448	8.752	ng	# 22
66) 4-Bromophenyl-phenylether	10.72	248	12612	2.939	ng	# 1

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

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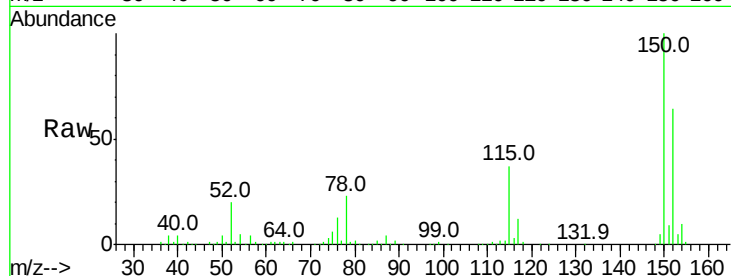


#1

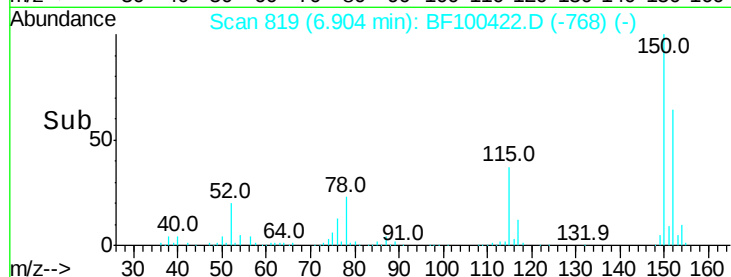
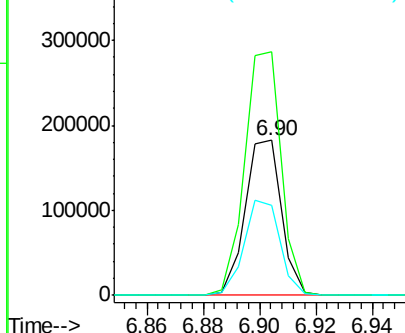
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF100422.D
Acq: 11 Nov 2017 5:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	57.8	50.1	75.1



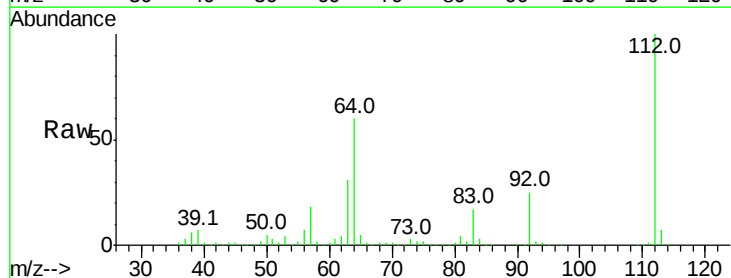
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



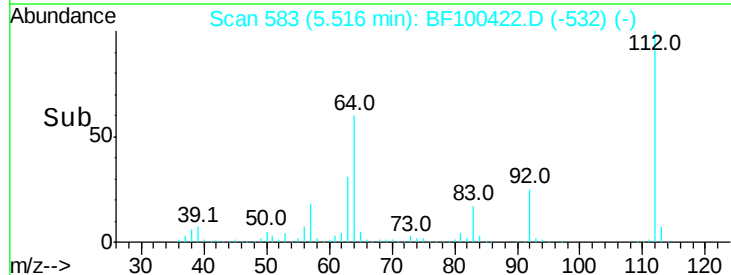
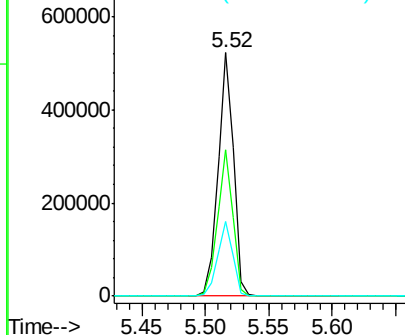
#5

2-Fluorophenol
Concen: 44.194 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF100422.D
Acq: 11 Nov 2017 5:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	47.9	71.9
63	30.7	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: 27.302 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100422.D

Acq: 11 Nov 2017 5:43

Instrument :

BNA_F

ClientSampled :

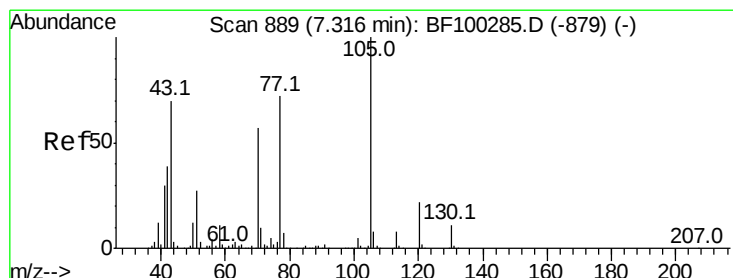
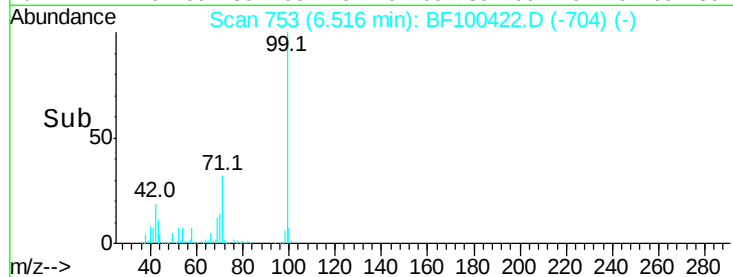
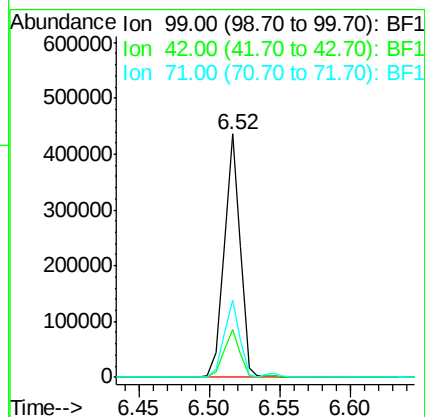
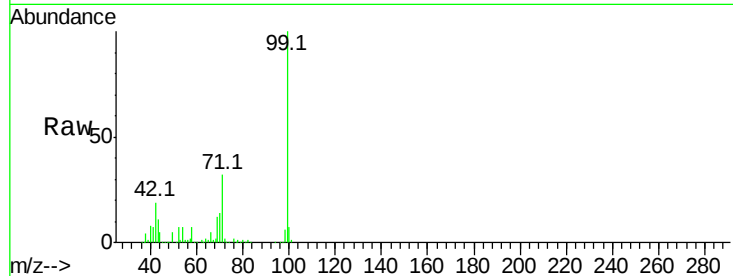
Tot Ion: 99 Resp: 342990

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 32.0 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.747 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.15 min

Lab File: BF100422.D

Acq: 11 Nov 2017 5:43

Tgt Ion: 70 Resp: 128488

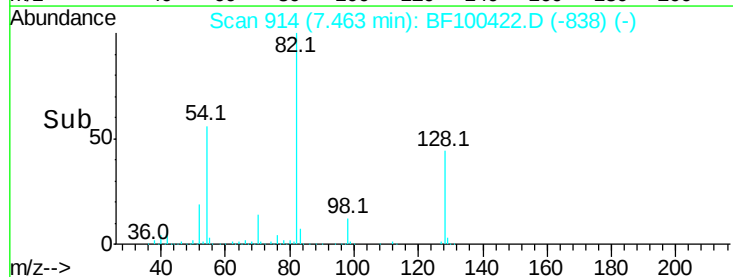
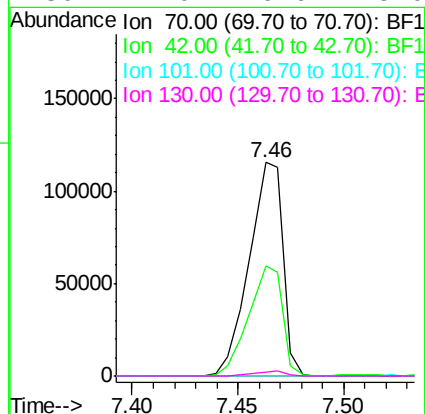
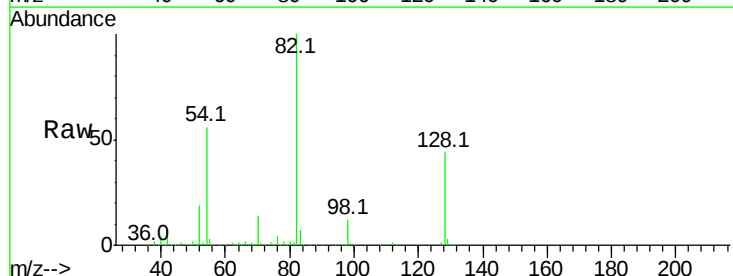
Ion Ratio Lower Upper

70 100

42 51.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

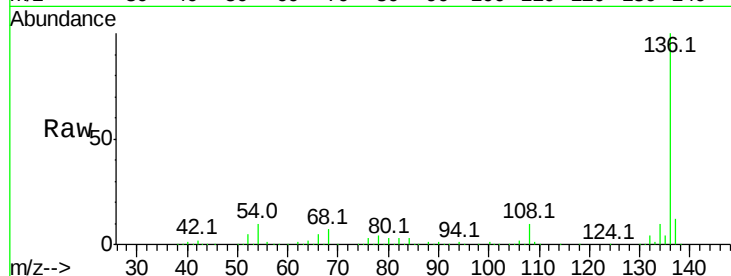




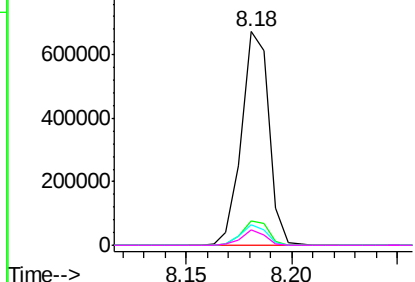
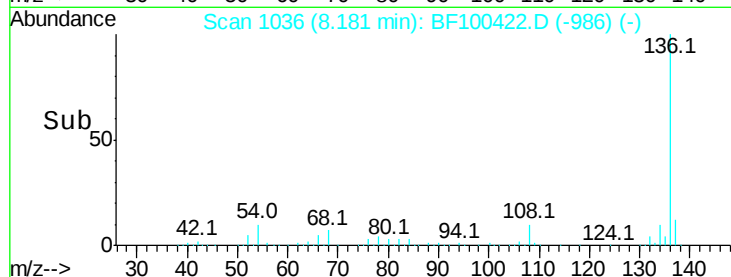
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100422.D
Acq: 11 Nov 2017 5:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	602343
Ion Ratio	Lower	Upper
136	100	
137	11.6	8.9 13.3
54	9.6	6.6 9.8
68	7.0	5.0 7.4

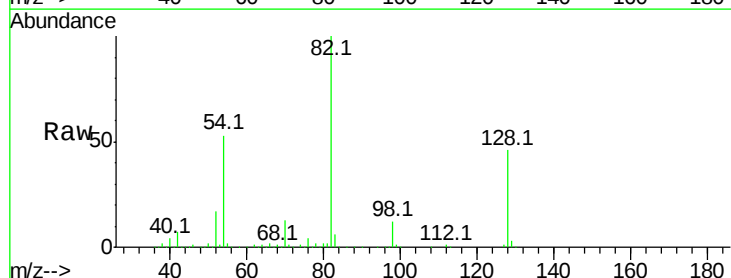


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

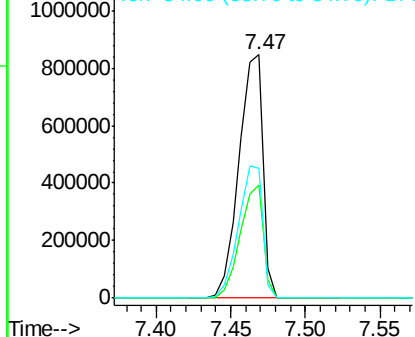
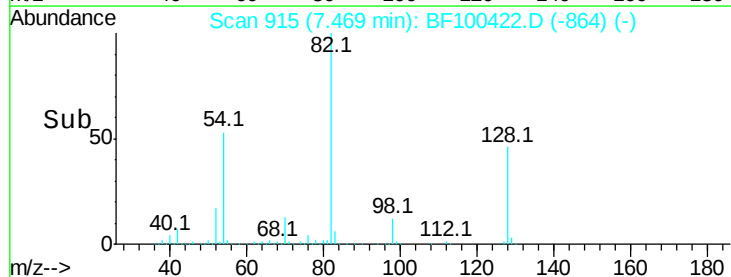


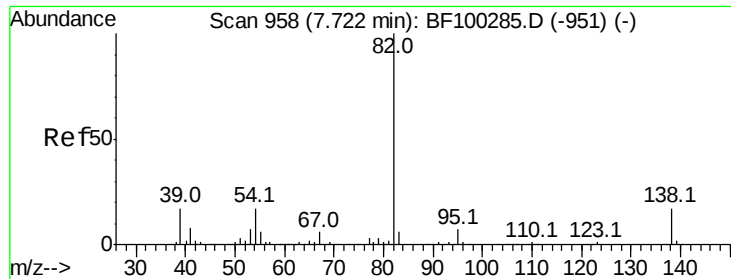
#23
Nitrobenzene-d5
Concen: 104.083 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF100422.D
Acq: 11 Nov 2017 5:43

Tgt Ion: 82	Resp:	948277
Ion Ratio	Lower	Upper
82	100	
128	46.3	36.1 54.1
54	53.2	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: 49.440 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.26 min

Lab File: BF100422.D

Acq: 11 Nov 2017 5:43

Instrument :

BNA_F

ClientSampleId :

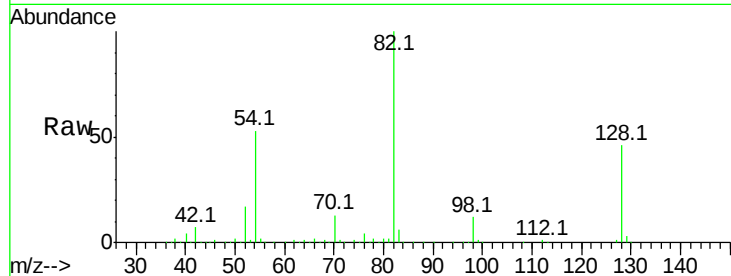
Tot Ion: 82 Resp: 946557

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

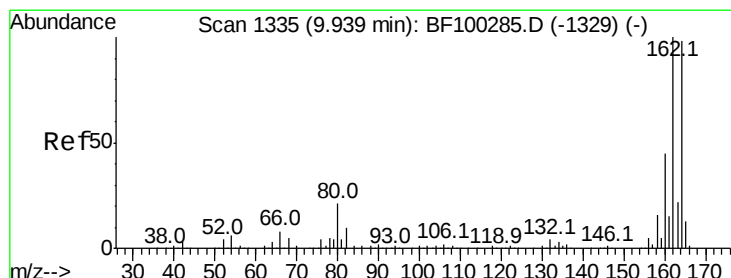
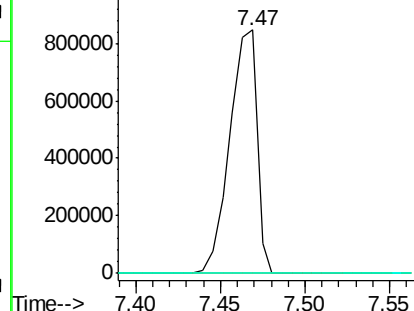
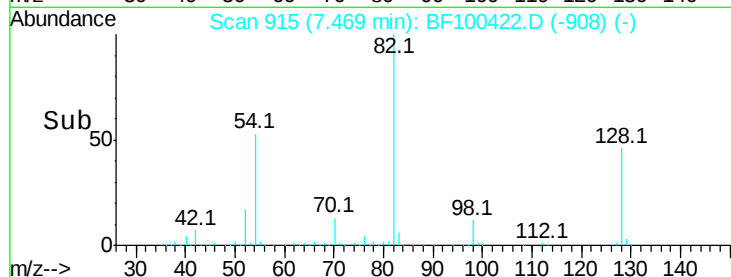
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF100422.D

Acq: 11 Nov 2017 5:43

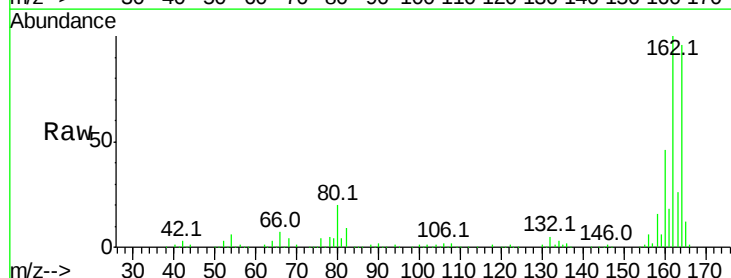
Tgt Ion: 164 Resp: 249776

Ion Ratio Lower Upper

164 100

162 104.0 86.1 129.1

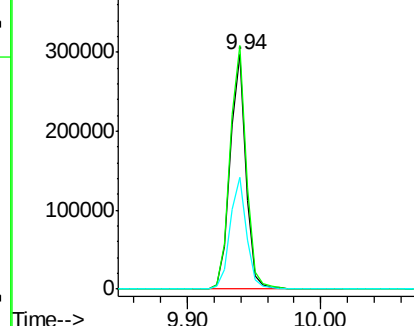
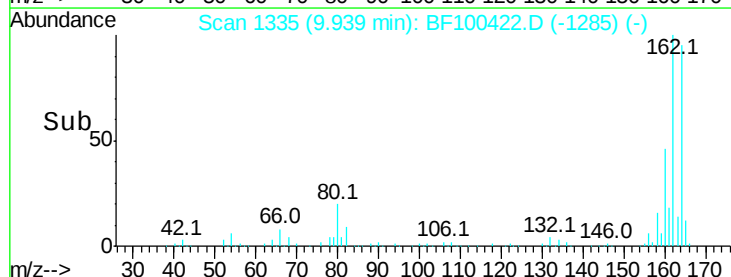
160 48.0 38.3 57.5



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

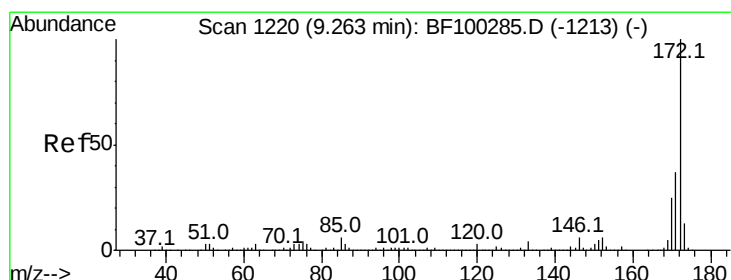
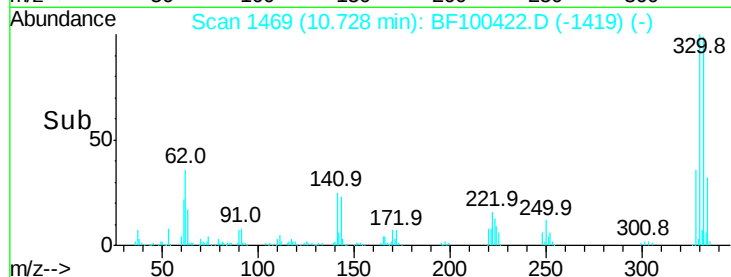
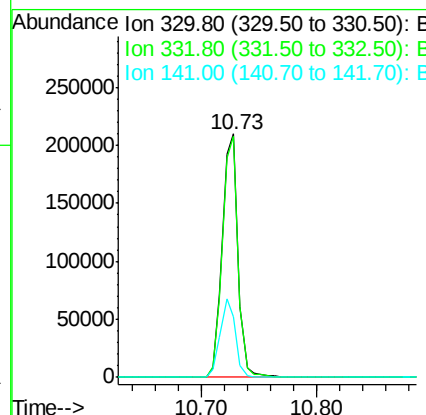
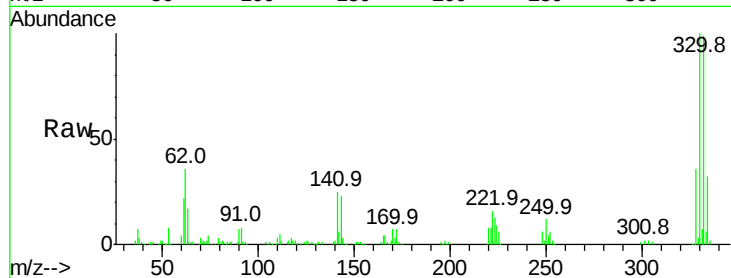




#41
 2,4,6-Tribromophenol
 Concen: 78.244 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100422.D
 Acq: 11 Nov 2017 5:43

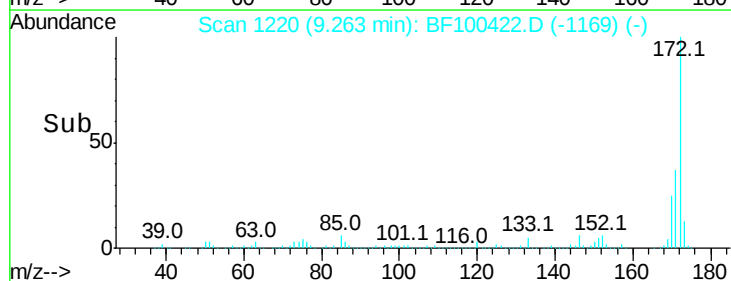
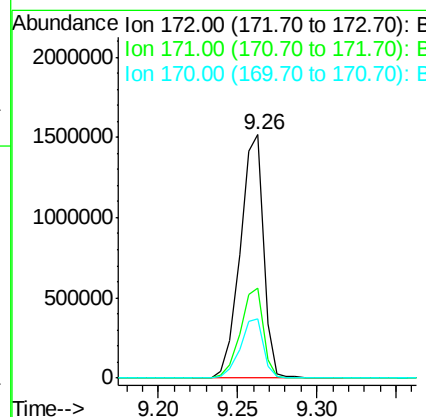
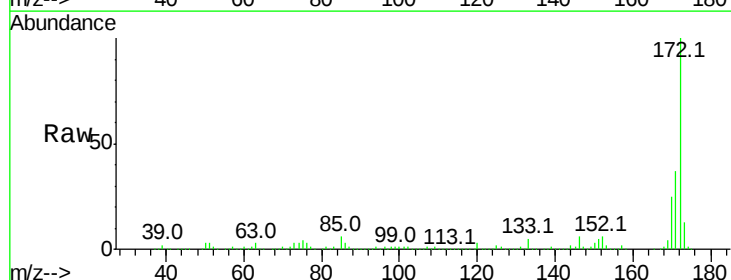
Instrument :
 BNA_F
 ClientSampleId :

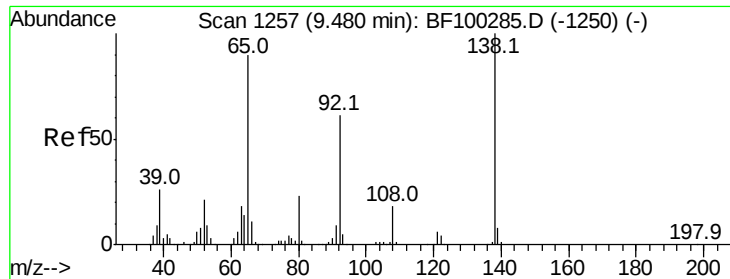
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	31.2	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 94.460 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BF100422.D
 Acq: 11 Nov 2017 5:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.6	19.6	29.4

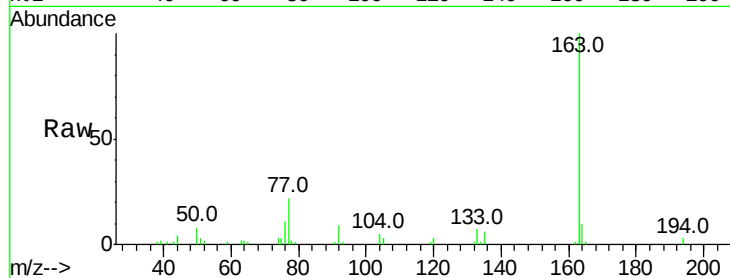




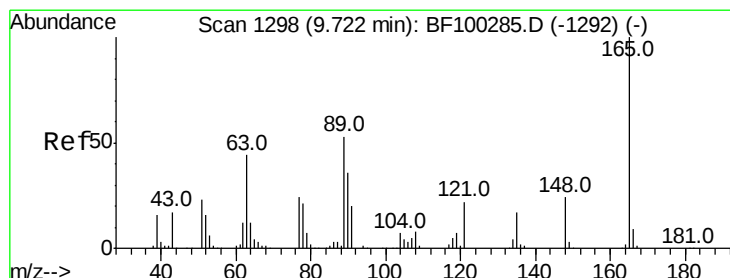
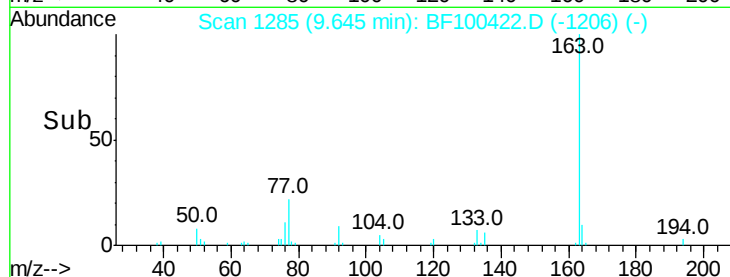
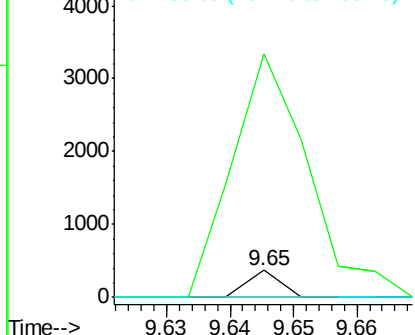
#47
2-Nitroaniline
Concen: 2.811 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.16 min
Lab File: BF100422.D
Acq: 11 Nov 2017 5:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 131
Ion Ratio Lower Upper
65 100
92 902.7 55.8 83.6#
138 0.0 91.2 136.8#

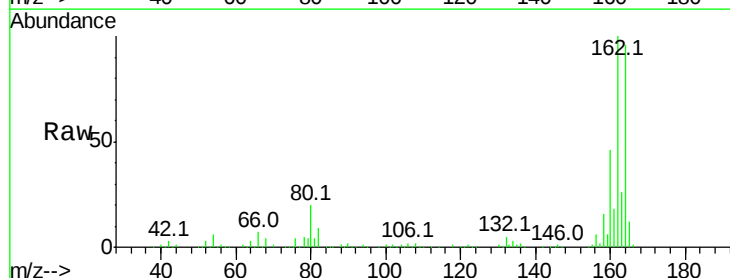


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

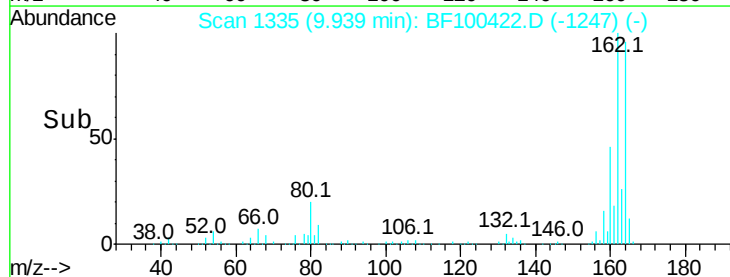
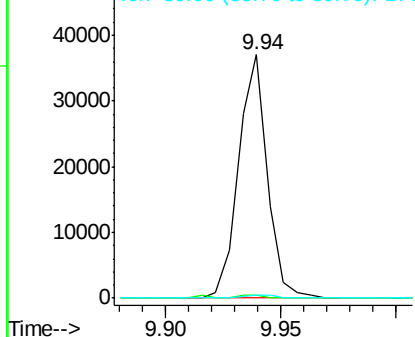


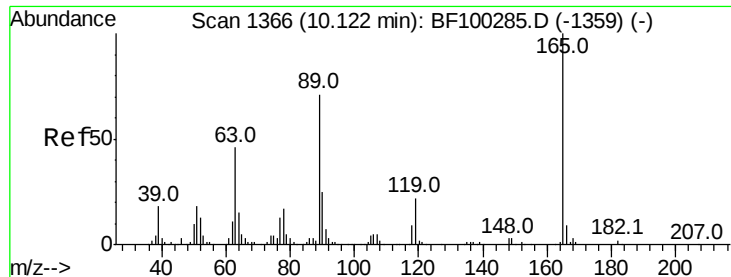
#50
2,6-Dinitrotoluene
Concen: 8.485 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.22 min
Lab File: BF100422.D
Acq: 11 Nov 2017 5:43

Tgt Ion:165 Resp: 32032
Ion Ratio Lower Upper
165 100
63 1.4 44.7 67.1#
89 1.5 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

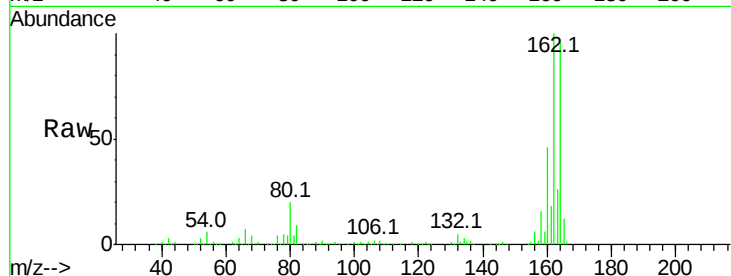




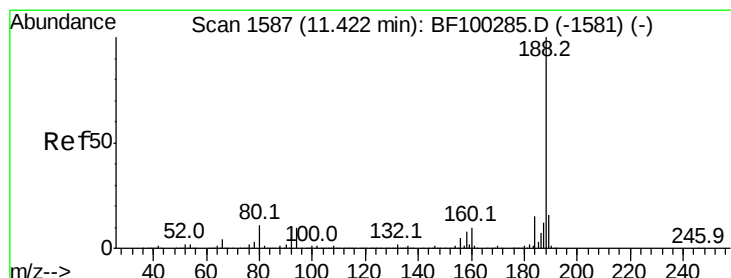
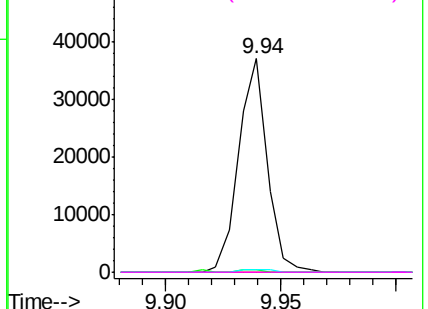
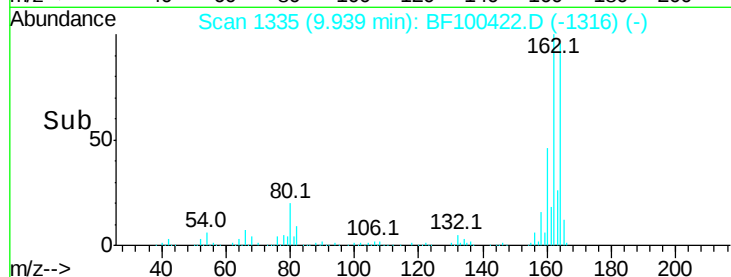
#56
 2,4-Dinitrotoluene
 Concen: 6.726 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.19 min
 Lab File: BF100422.D
 Acq: 11 Nov 2017 5:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 32032
 Ion Ratio Lower Upper
 165 100
 63 1.4 36.4 54.6#
 89 1.5 57.8 86.6#
 182 0.0 1.6 2.4#

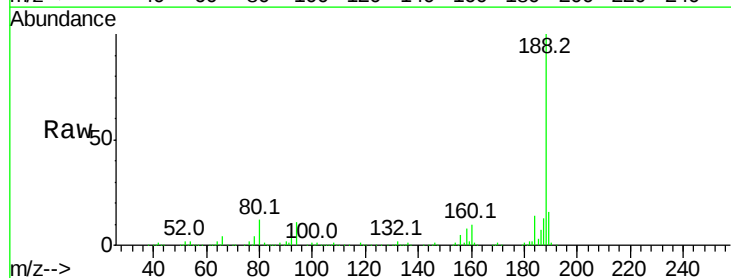


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

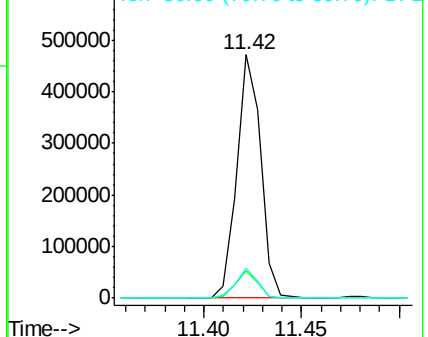
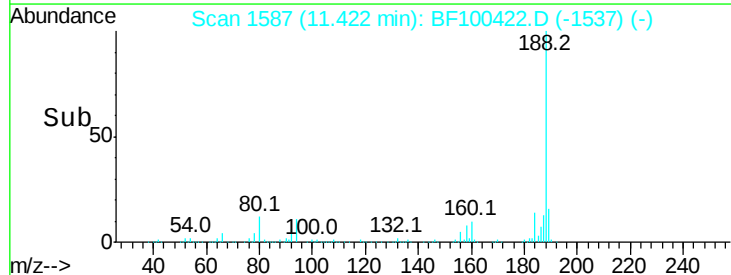


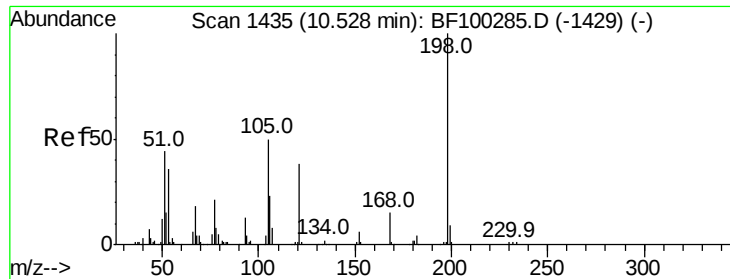
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF100422.D
 Acq: 11 Nov 2017 5:43

Tgt Ion:188 Resp: 400348
 Ion Ratio Lower Upper
 188 100
 94 11.2 8.5 12.7
 80 12.0 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

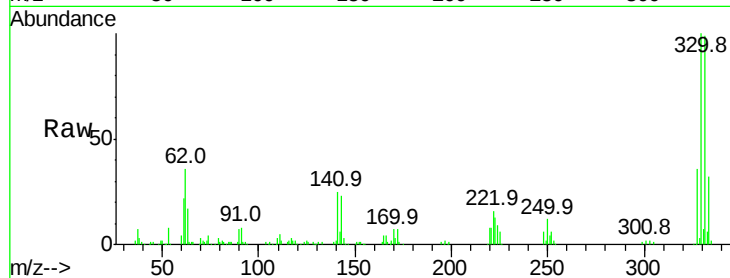




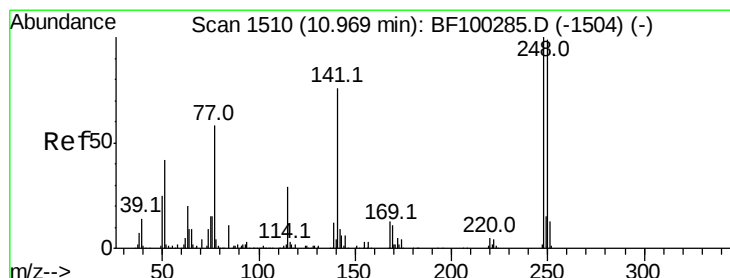
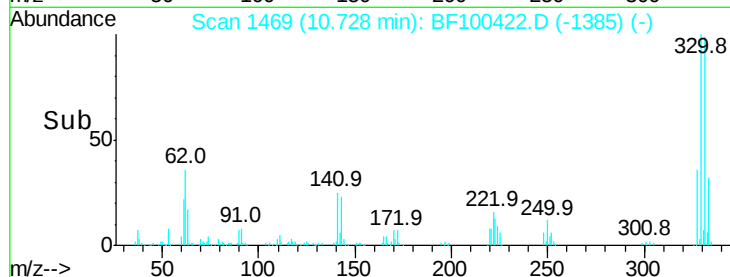
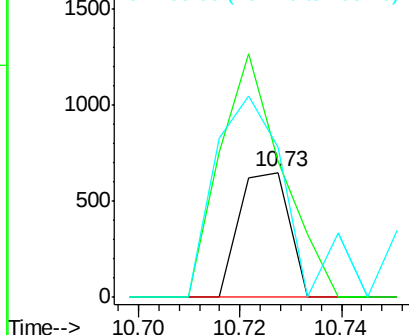
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.752 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.19 min
 Lab File: BF100422.D
 Acq: 11 Nov 2017 5:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 448
 Ion Ratio Lower Upper
 198 100
 51 108.8 37.7 77.7#
 105 120.5 36.3 76.3#

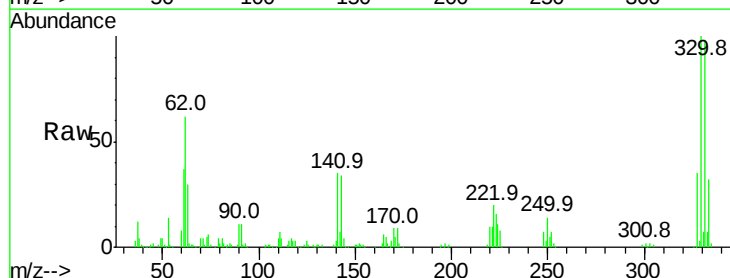


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

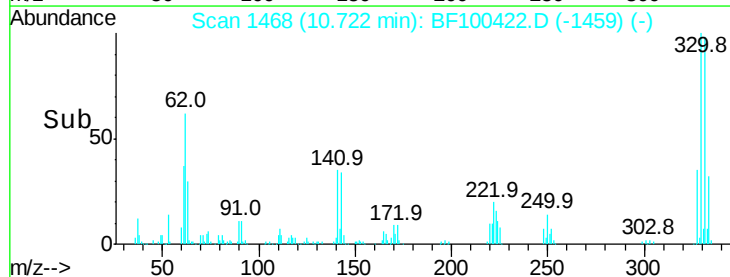
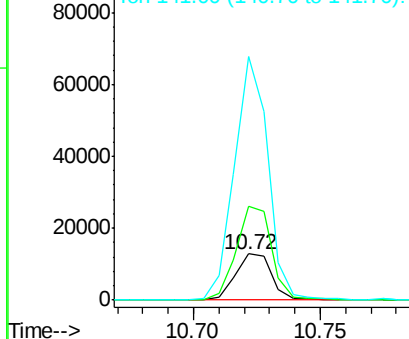


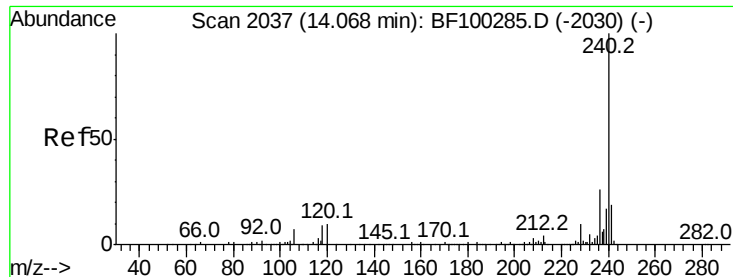
#66
 4-Bromophenyl-phenylether
 Concen: 2.939 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.25 min
 Lab File: BF100422.D
 Acq: 11 Nov 2017 5:43

Tgt Ion:248 Resp: 12612
 Ion Ratio Lower Upper
 248 100
 250 203.3 76.9 115.3#
 141 524.0 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: BF100422.D

Acq: 11 Nov 2017 5:43

Instrument :

BNA_F

ClientSampleId :

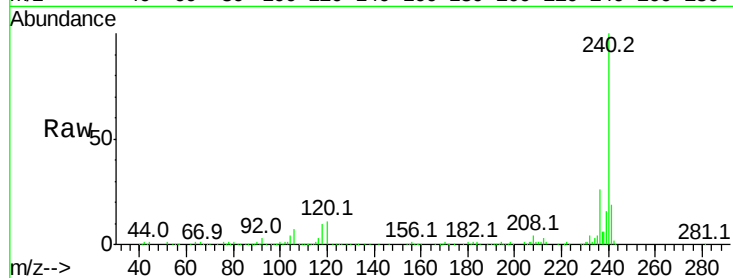
Tot Ion:240 Resp: 332478

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

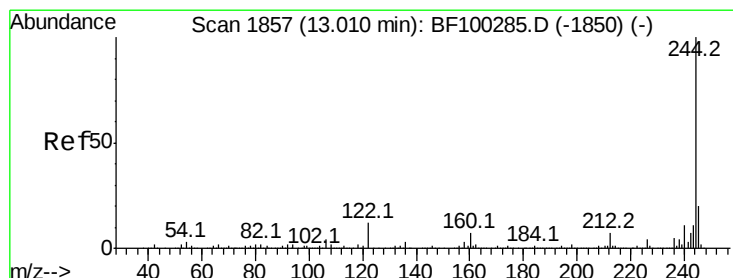
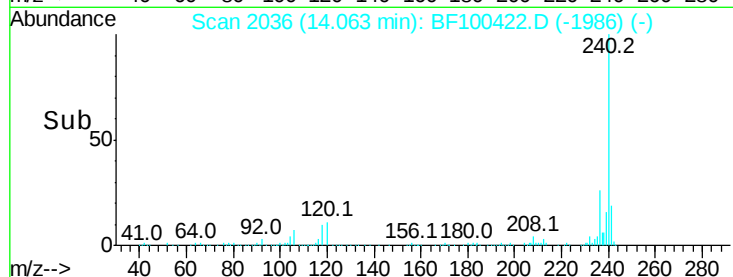
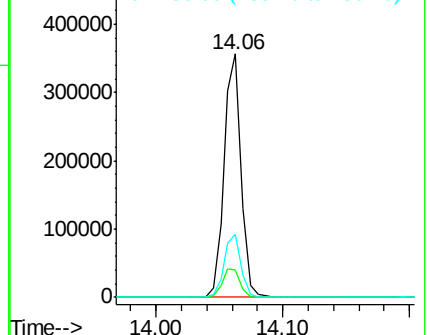
236 25.9 20.7 31.1



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: 80.243 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BF100422.D

Acq: 11 Nov 2017 5:43

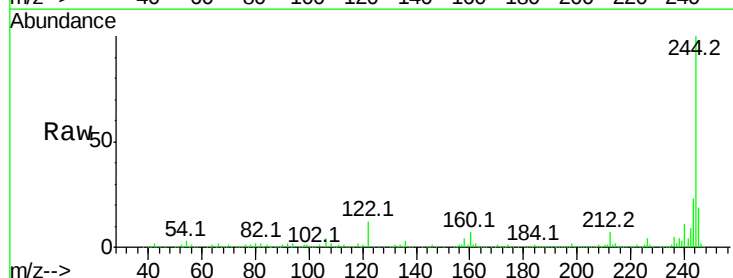
Tgt Ion:244 Resp: 1161121

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

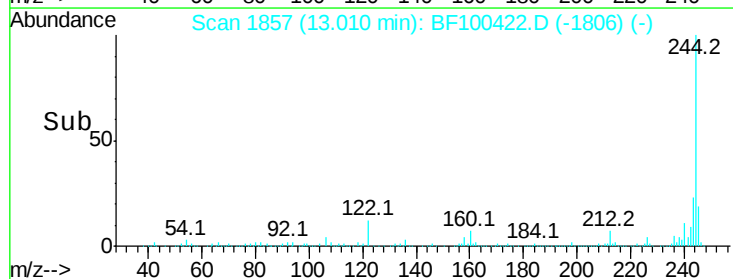
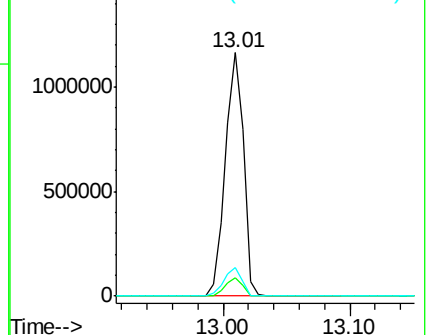
122 11.8 11.0 16.4

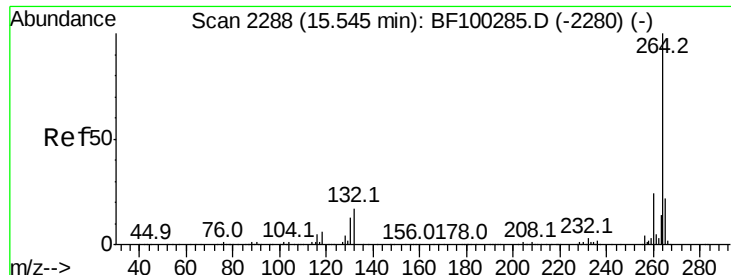


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

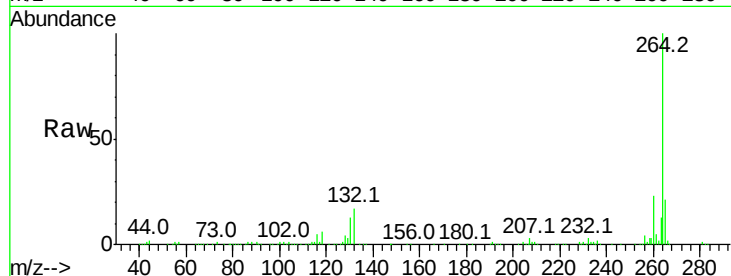




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. 0.00 min
 Lab File: BF100422.D
 Acq: 11 Nov 2017 5:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	20.8	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

