

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\
 Data File : BF100420.D
 Acq On : 11 Nov 2017 4:49
 Operator : SJ/JU
 Sample : I6355-10
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 13 07:17:30 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	164177	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	597223	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	248415	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	401398	20.00	ng	0.00
75) Chrysene-d12	14.06	240	333284	20.00	ng	0.00
86) Perylene-d12	15.54	264	255415	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	484532	47.31	ng	0.00
7) Phenol-d6	6.52	99	388594	30.77	ng	-0.01
23) Nitrobenzene-d5	7.47	82	960616	106.34	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	205277	81.09	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1596140	97.84	ng	0.00
78) Terphenyl-d14	13.01	244	1172804	80.85	ng	0.00

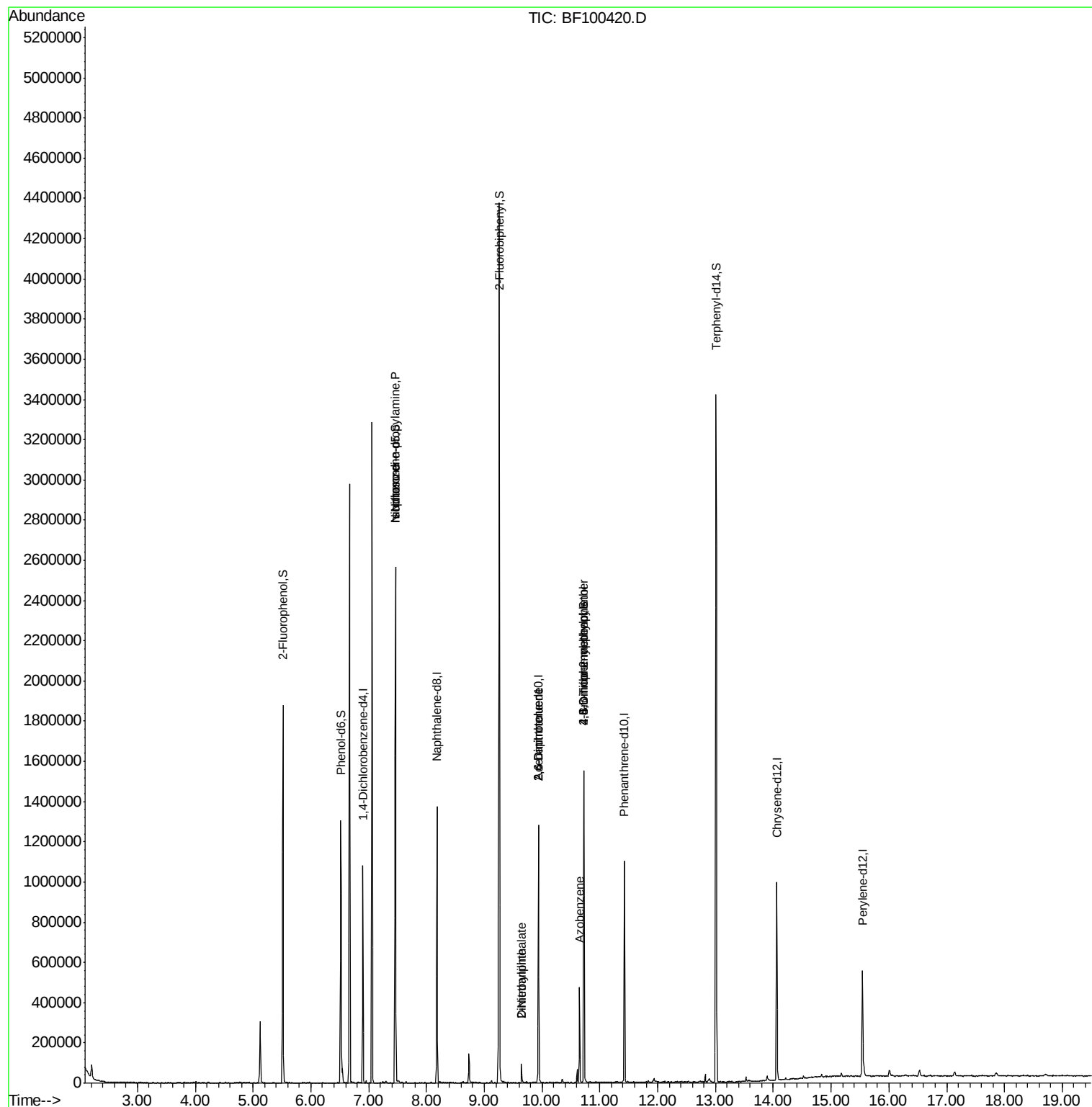
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.47	70	130054	14.849	ng	# 80
25) Isophorone	7.47	82	960606	50.604	ng	# 64
47) 2-Nitroaniline	9.65	65	292	2.844	ng	# 1
49) Dimethylphthalate	9.65	163	39170	2.065	ng	# 98
50) 2,6-Dinitrotoluene	9.94	165	31468	8.382	ng	# 26
56) 2,4-Dinitrotoluene	9.94	165	31468	6.644	ng	# 23
62) Azobenzene	10.64	77	83554	4.674	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.73	198	400	8.732	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	13097	3.044	ng	# 1

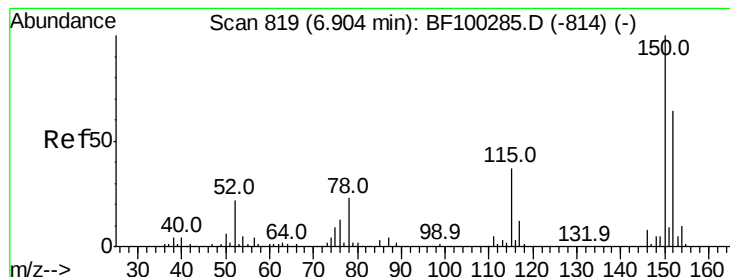
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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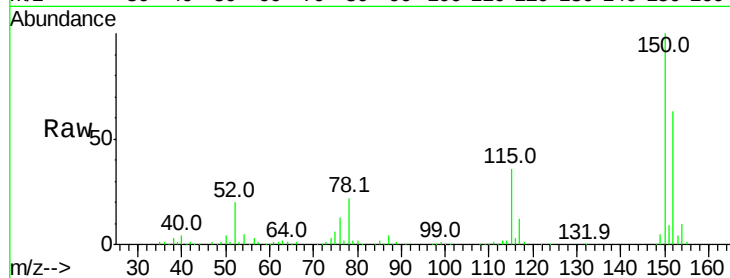


#1

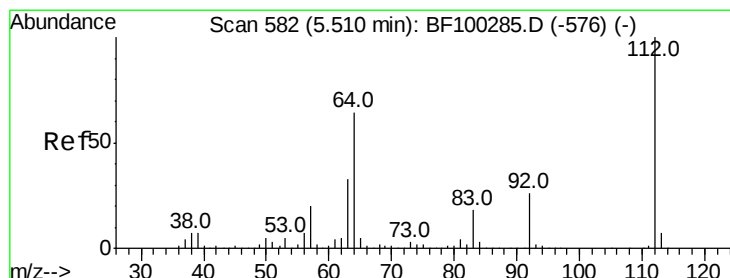
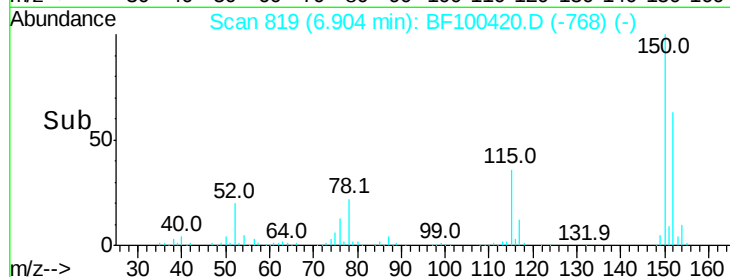
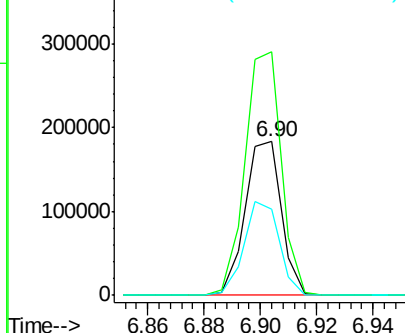
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100420.D
Acq: 11 Nov 2017 4:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.6	186.8
115	56.3	50.1	75.1



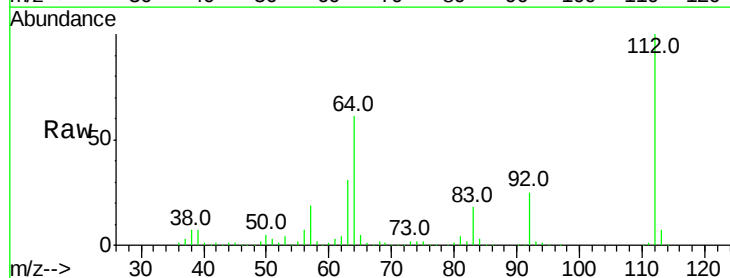
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



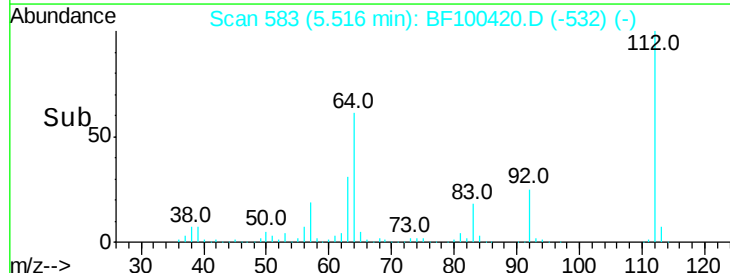
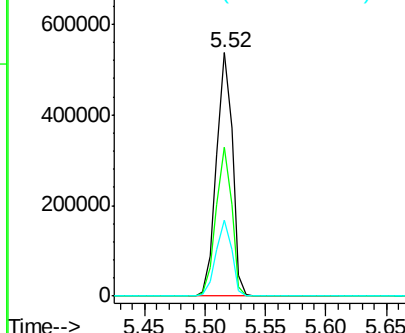
#5

2-Fluorophenol
Concen: 47.309 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF100420.D
Acq: 11 Nov 2017 4:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.1	47.9	71.9
63	31.3	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: 30.768 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100420.D

Acq: 11 Nov 2017 4:49

Instrument :

BNA_F

ClientSampleId :

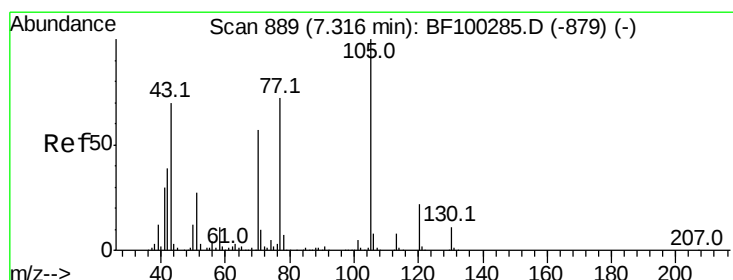
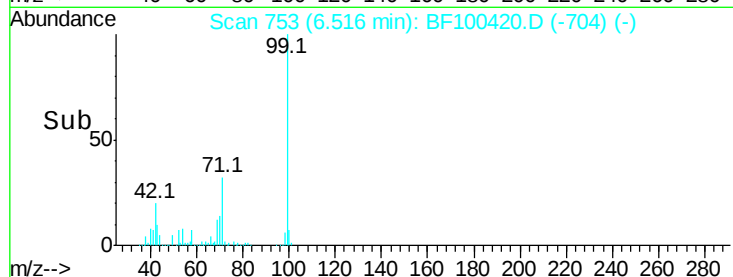
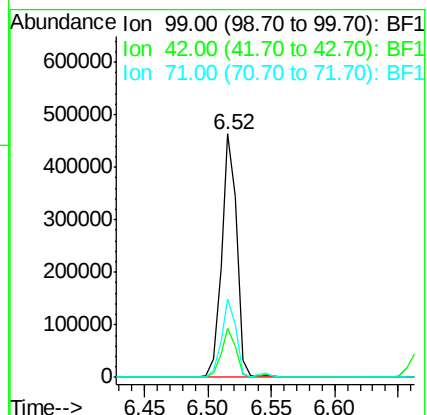
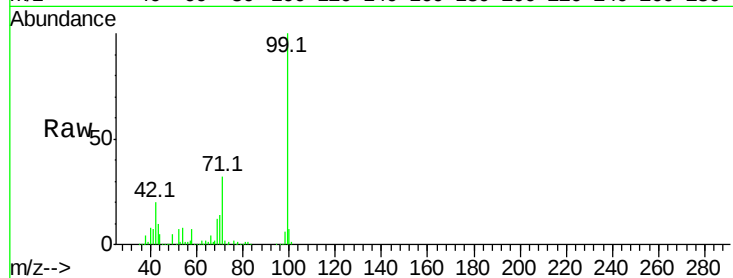
Tot Ion: 99 Resp: 388594

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

71 32.3 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.849 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.15 min

Lab File: BF100420.D

Acq: 11 Nov 2017 4:49

Tgt Ion: 70 Resp: 130054

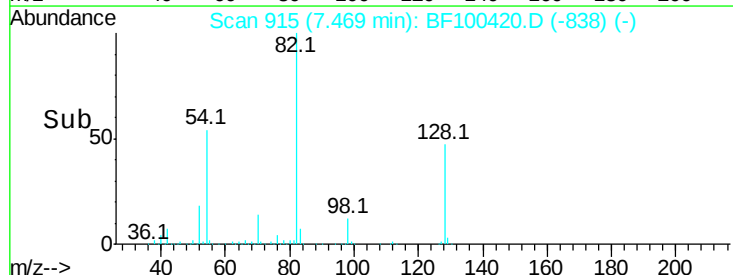
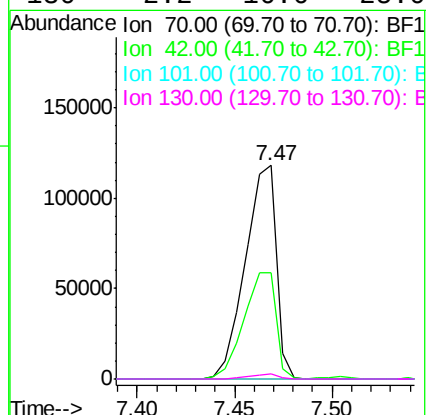
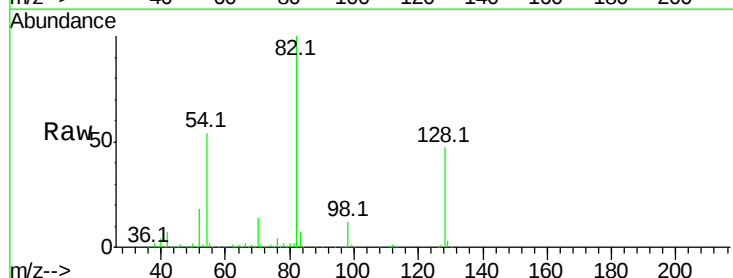
Ion Ratio Lower Upper

70 100

42 49.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

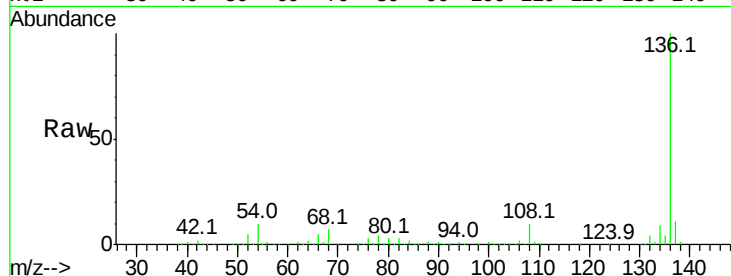




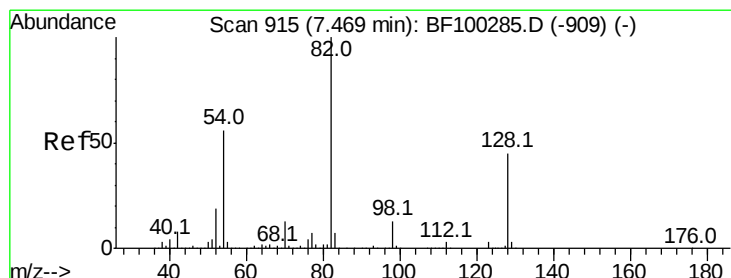
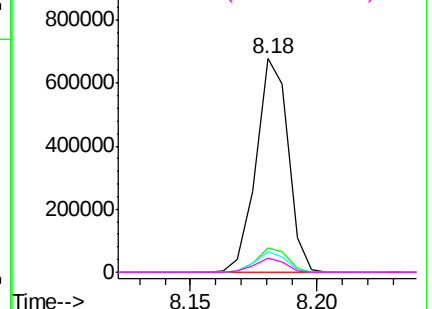
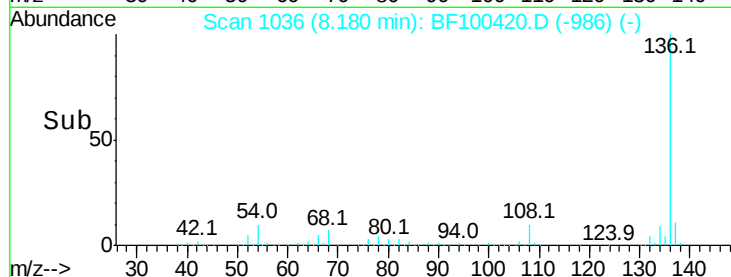
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100420.D
Acq: 11 Nov 2017 4:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	597223
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	9.5	6.6	9.8
68	6.5	5.0	7.4

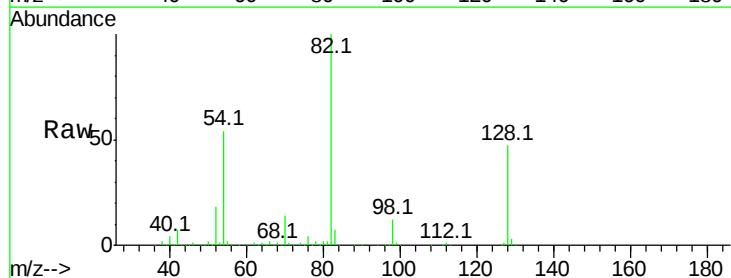


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

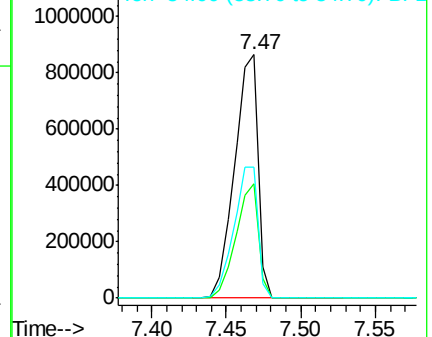
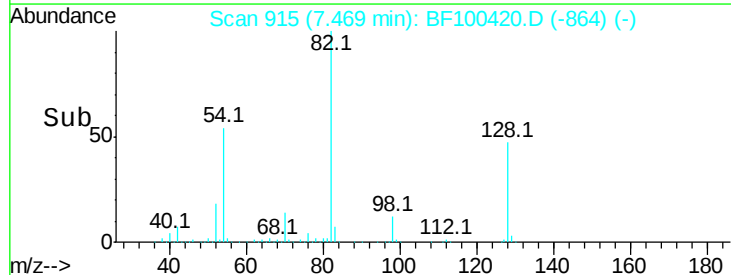


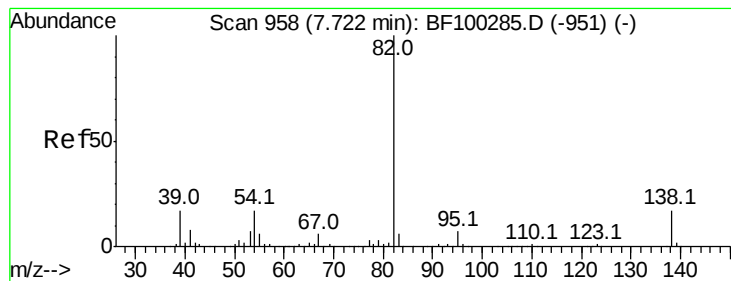
#23
Nitrobenzene-d5
Concen: 106.341 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF100420.D
Acq: 11 Nov 2017 4:49

Tgt Ion:	82	Resp:	960616
Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.1	54.1
54	53.6	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: 50.604 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.26 min

Lab File: BF100420.D

Acq: 11 Nov 2017 4:49

Instrument :

BNA_F

ClientSampled :

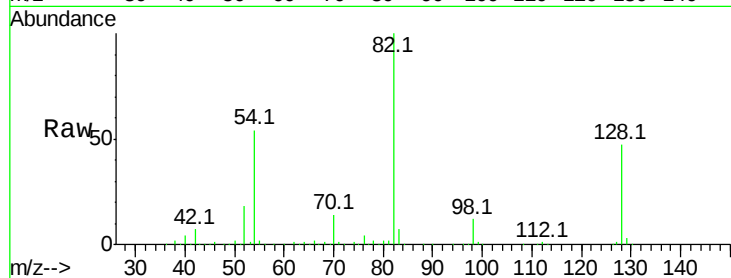
Tot Ion: 82 Resp: 960606

Ion Ratio Lower Upper

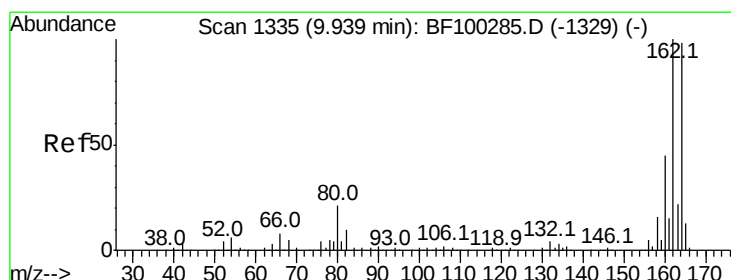
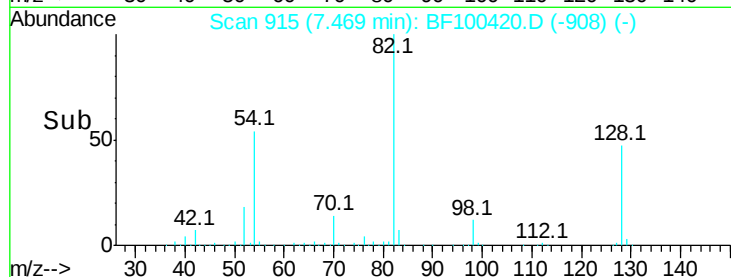
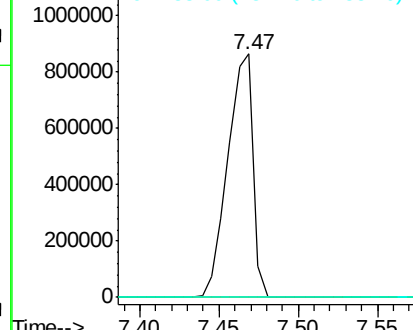
82 100

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: BF100420.D

Acq: 11 Nov 2017 4:49

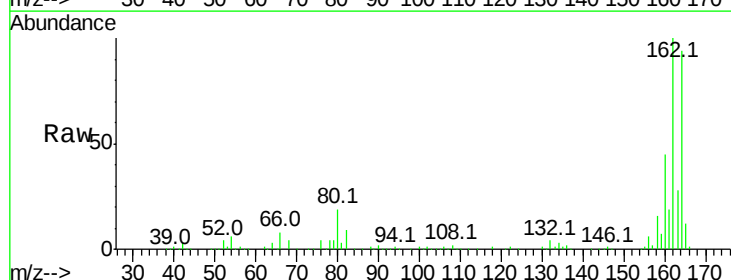
Tgt Ion:164 Resp: 248415

Ion Ratio Lower Upper

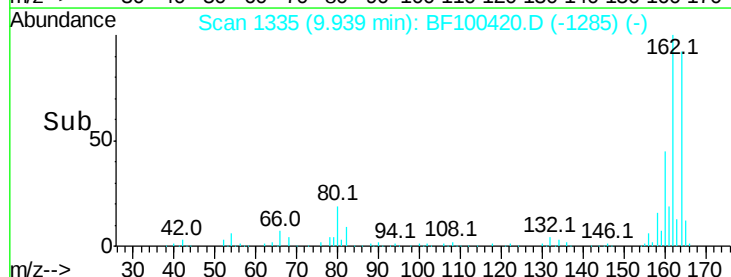
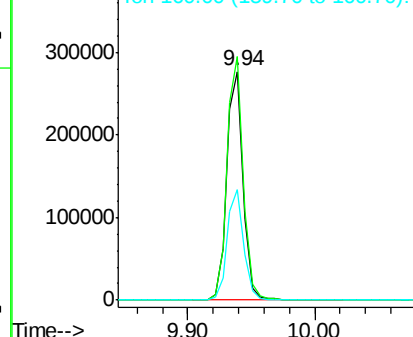
164 100

162 106.6 86.1 129.1

160 48.4 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

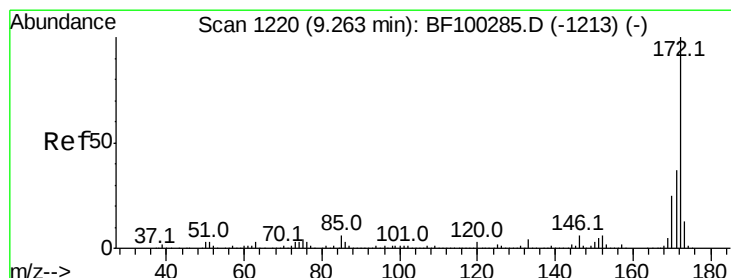
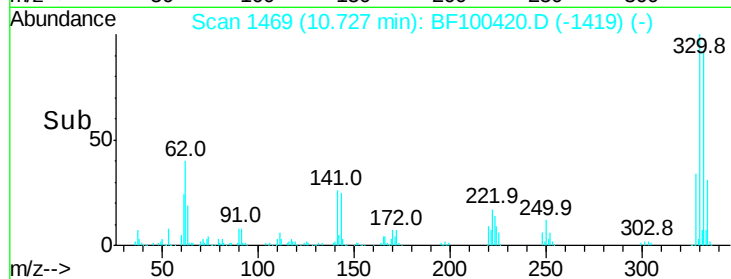
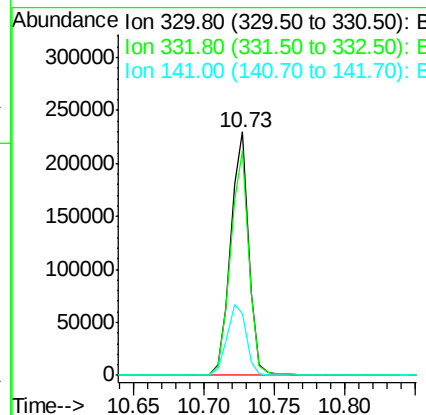
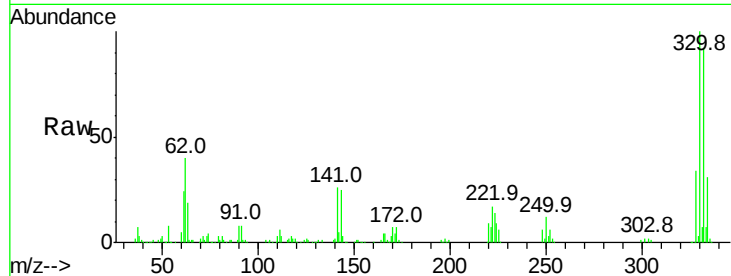




#41
 2,4,6-Tribromophenol
 Concen: 81.094 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100420.D
 Acq: 11 Nov 2017 4:49

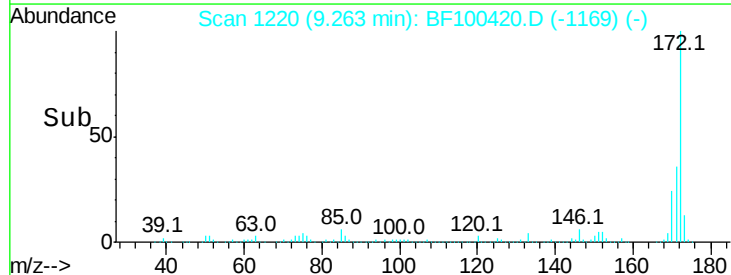
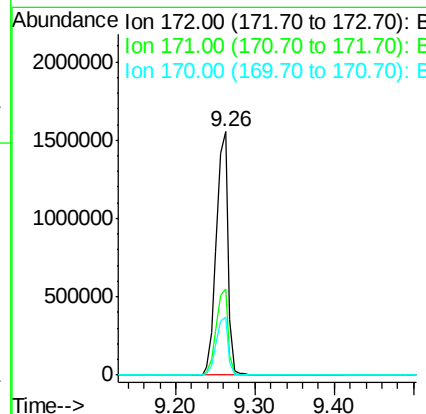
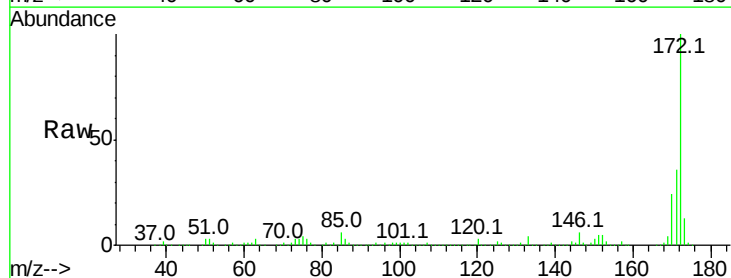
Instrument :
 BNA_F
 ClientSampleId :

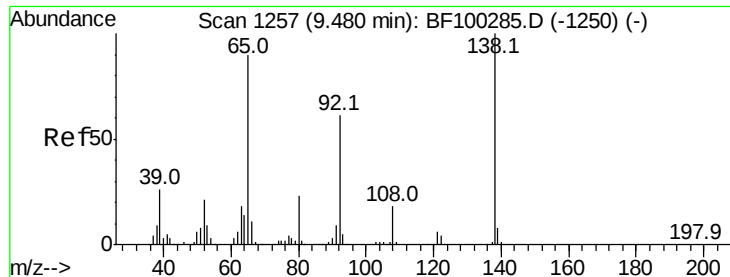
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.0	115.6
141	31.2	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 97.839 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF100420.D
 Acq: 11 Nov 2017 4:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.0	19.6	29.4





#47

2-Nitroaniline

Concen: 2.844 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.16 min

Lab File: BF100420.D

Acq: 11 Nov 2017 4:49

Instrument :

BNA_F

ClientSampled :

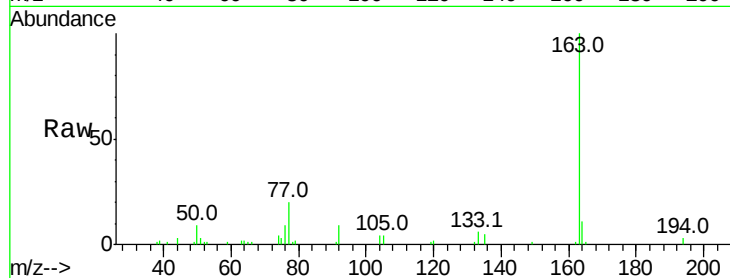
Tot Ion: 65 Resp: 292

Ion Ratio Lower Upper

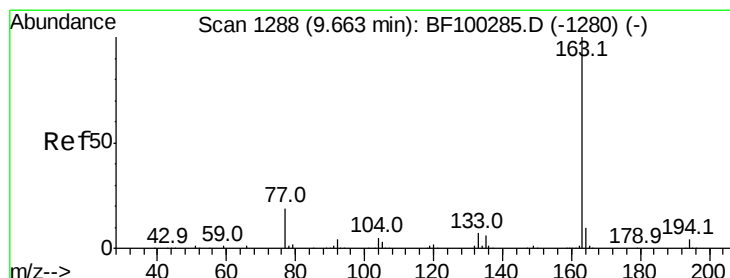
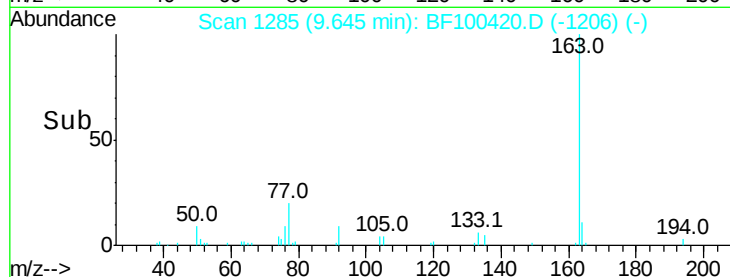
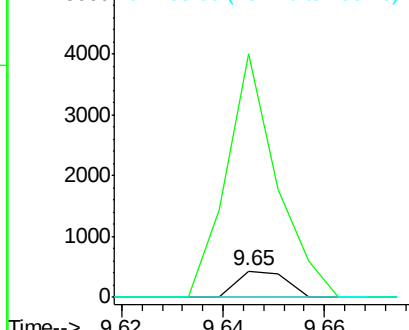
65 100

92 925.9 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



#49

Dimethylphthalate

Concen: 2.065 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BF100420.D

Acq: 11 Nov 2017 4:49

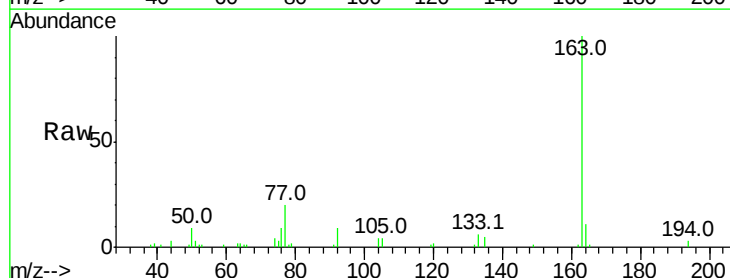
Tgt Ion: 163 Resp: 39170

Ion Ratio Lower Upper

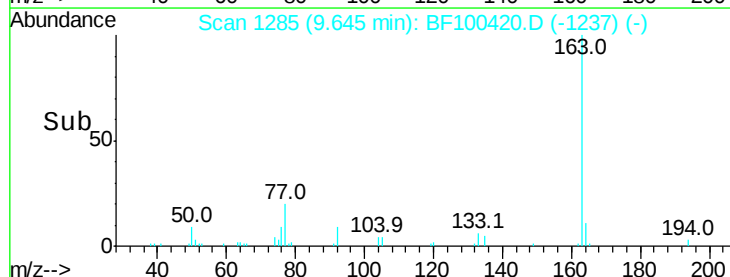
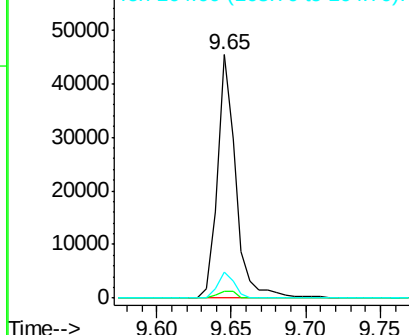
163 100

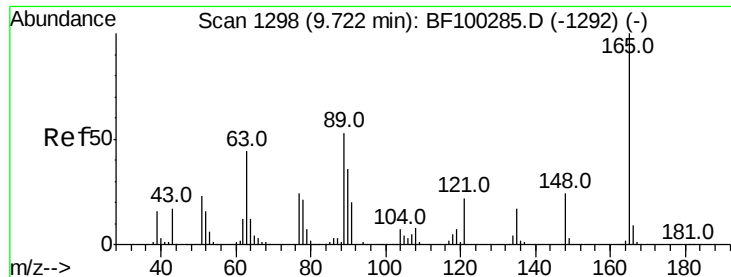
194 2.9 2.7 4.1

164 10.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 8.382 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.22 min

Lab File: BF100420.D

Acq: 11 Nov 2017 4:49

Instrument :

BNA_F

ClientSampleId :

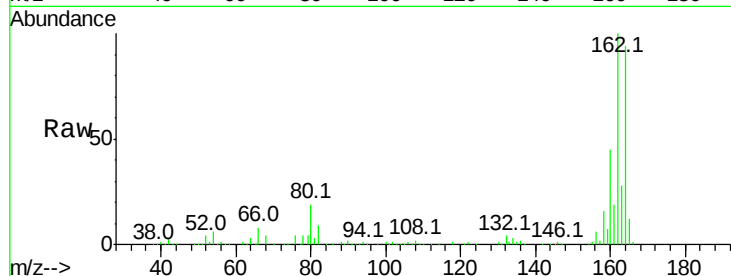
Tot Ion:165 Resp: 31468

Ion Ratio Lower Upper

165 100

63 1.4 44.7 67.1#

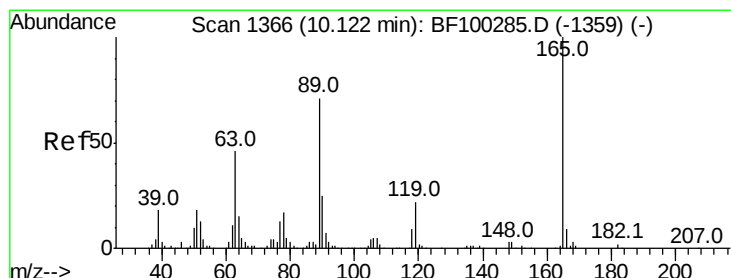
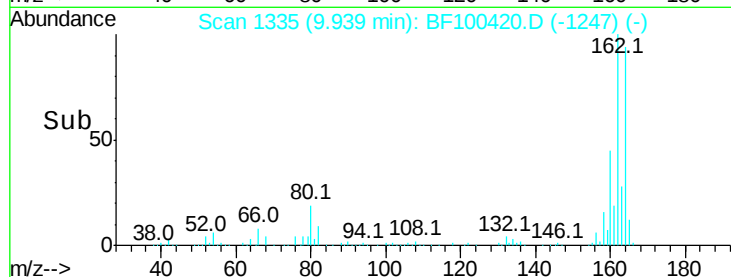
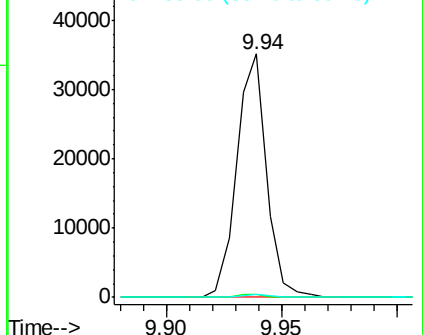
89 1.5 44.0 66.0#



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: 6.644 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.19 min

Lab File: BF100420.D

Acq: 11 Nov 2017 4:49

Tgt Ion:165 Resp: 31468

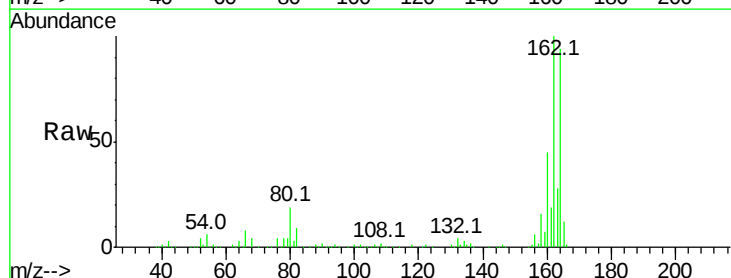
Ion Ratio Lower Upper

165 100

63 1.4 36.4 54.6#

89 1.5 57.8 86.6#

182 0.0 1.6 2.4#

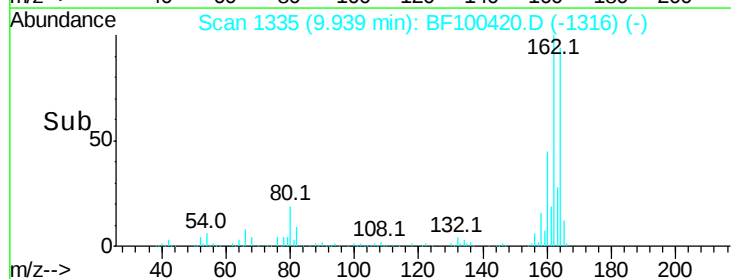
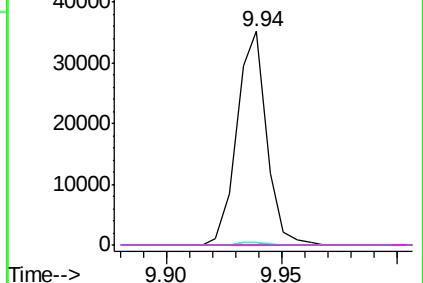


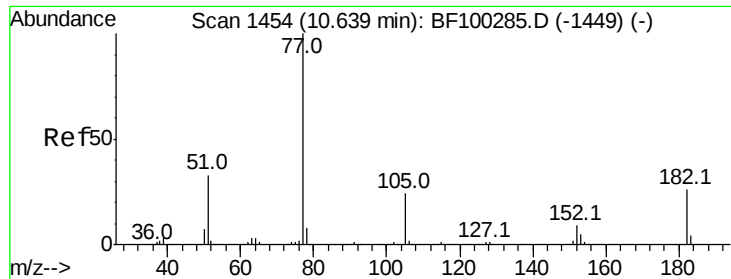
Abundance Ion 165.00 (164.70 to 165.70): E

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





#62

Azobenzene

Concen: 4.674 ng

RT: 10.64 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF100420.D

Acq: 11 Nov 2017 4:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 83554

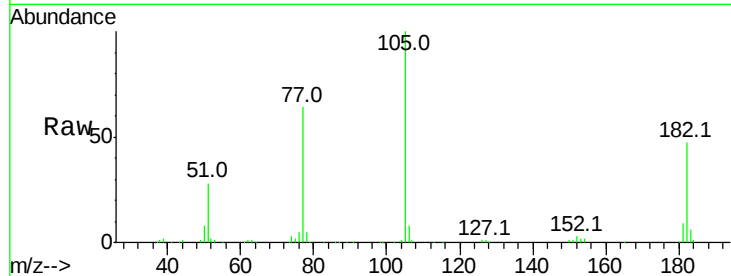
Ion Ratio Lower Upper

77 100

182 73.9 1.7 41.7#

105 156.0 3.0 43.0#

51 43.7 9.9 49.9

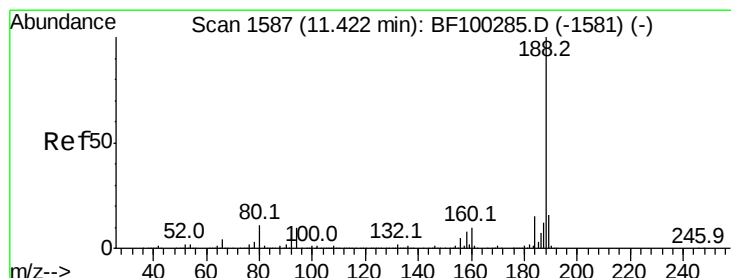
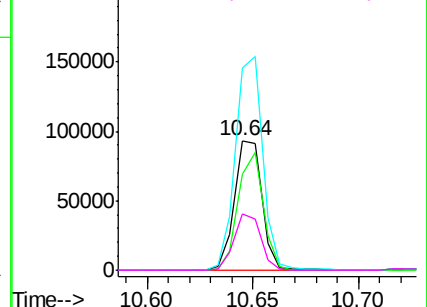
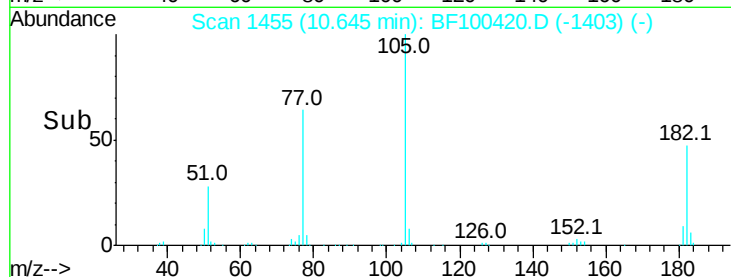


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF100420.D

Acq: 11 Nov 2017 4:49

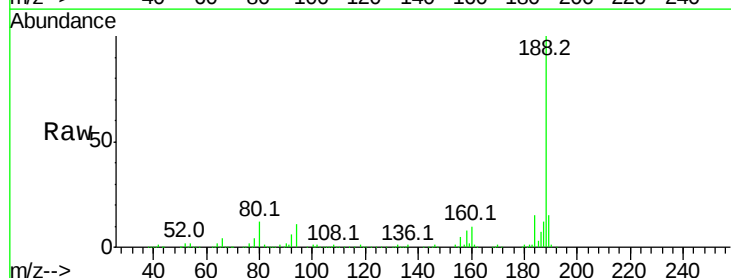
Tgt Ion: 188 Resp: 401398

Ion Ratio Lower Upper

188 100

94 10.7 8.5 12.7

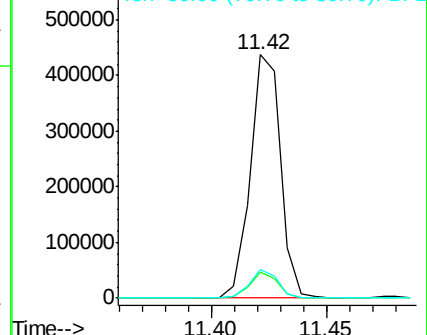
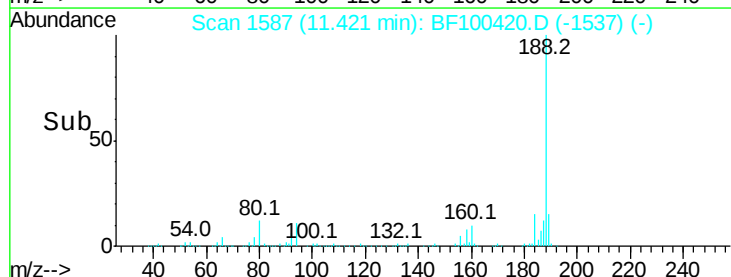
80 11.9 9.2 13.8

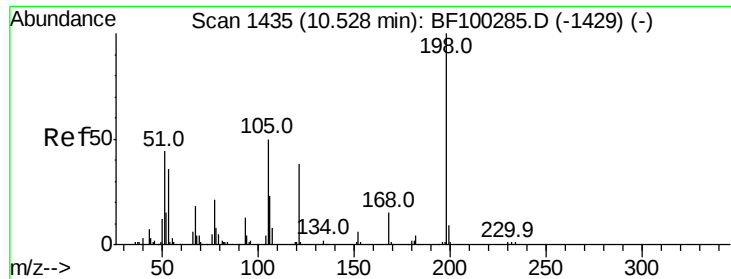


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 8.732 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.19 min

Lab File: BF100420.D

Acq: 11 Nov 2017 4:49

Instrument :

BNA_F

ClientSampleId :

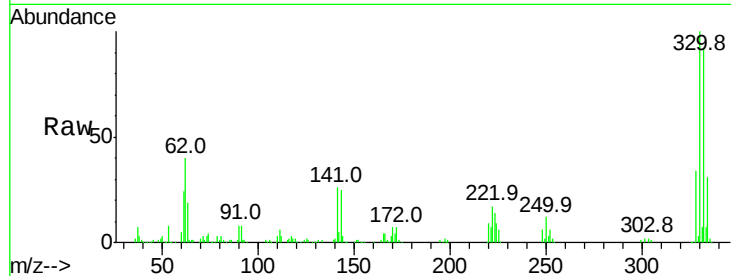
Tot Ion:198 Resp: 400

Ion Ratio Lower Upper

198 100

51 114.3 37.7 77.7#

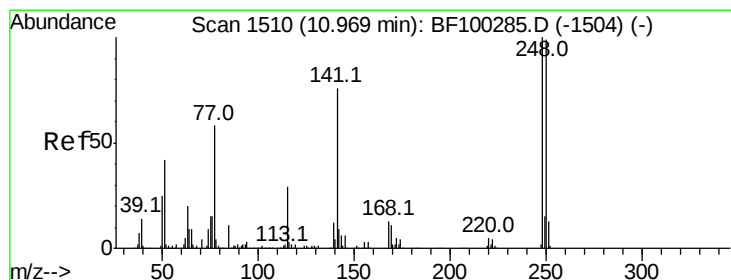
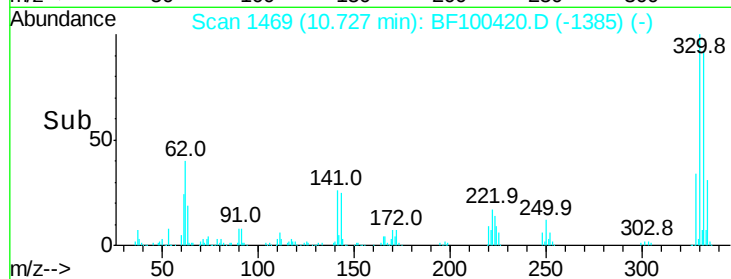
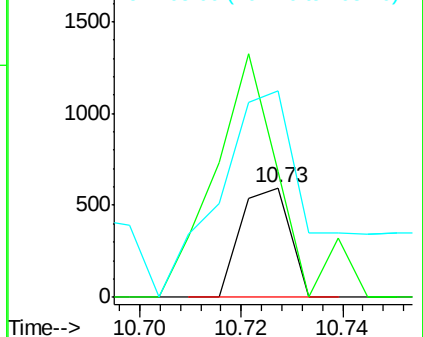
105 187.9 36.3 76.3#



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: 3.044 ng

RT: 10.73 min Scan# 1469

Delta R.T. -0.24 min

Lab File: BF100420.D

Acq: 11 Nov 2017 4:49

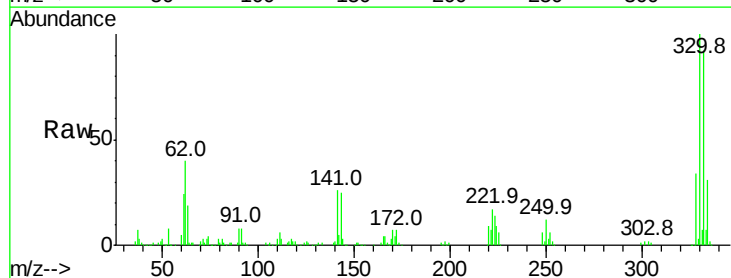
Tgt Ion:248 Resp: 13097

Ion Ratio Lower Upper

248 100

250 208.2 76.9 115.3#

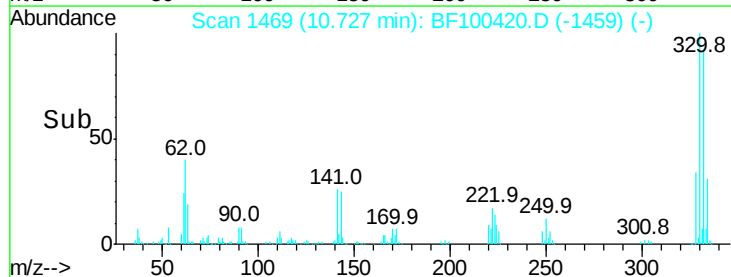
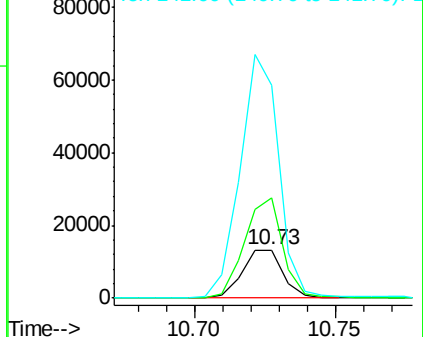
141 442.1 74.4 111.6#

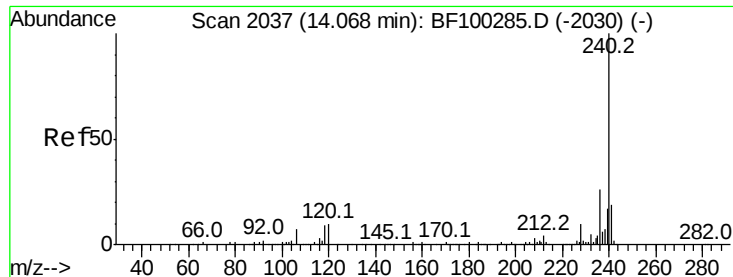


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100420.D

Acq: 11 Nov 2017 4:49

Instrument :

BNA_F

ClientSampleId :

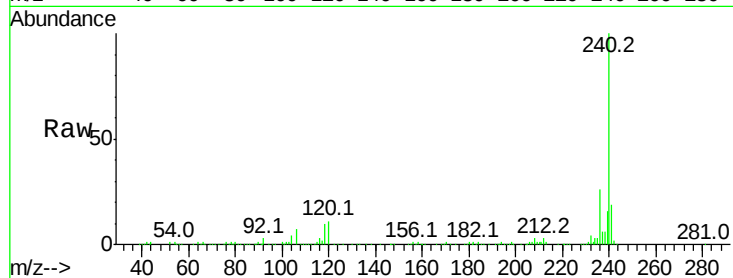
Tot Ion:240 Resp: 333284

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

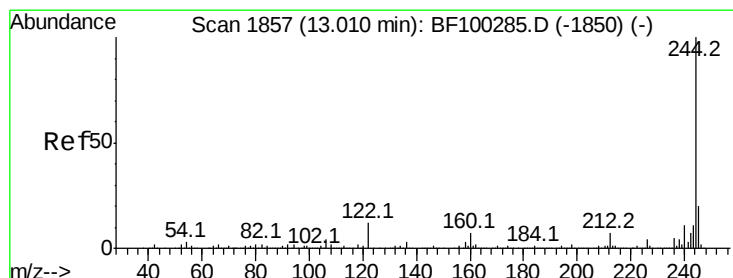
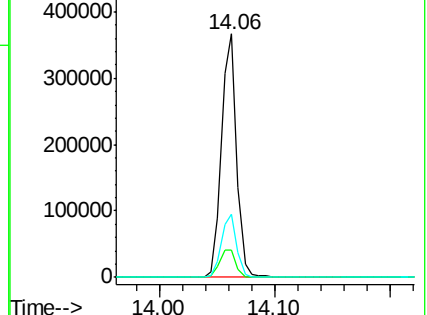
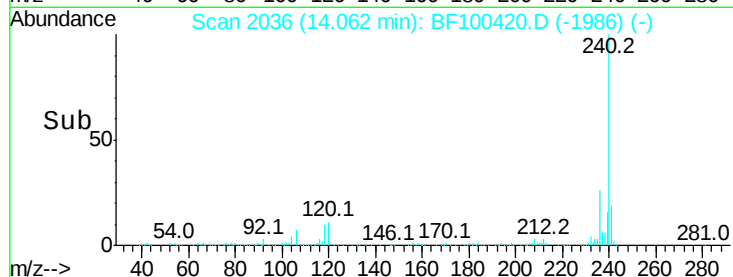
236 25.9 20.7 31.1



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: 80.855 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100420.D

Acq: 11 Nov 2017 4:49

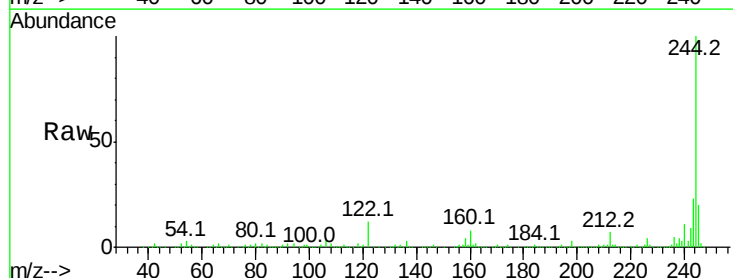
Tgt Ion:244 Resp: 1172804

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

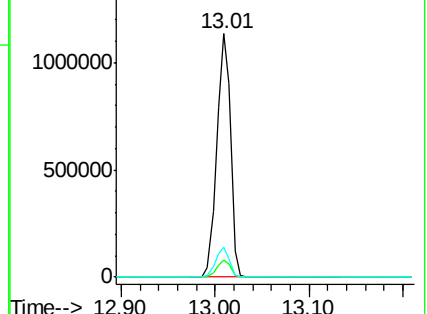
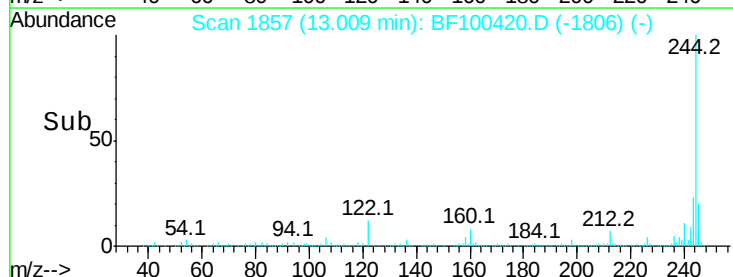
122 12.4 11.0 16.4

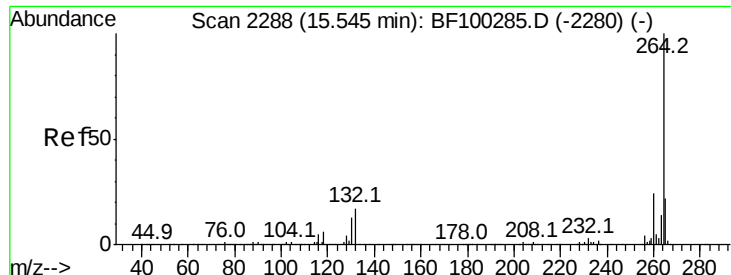


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

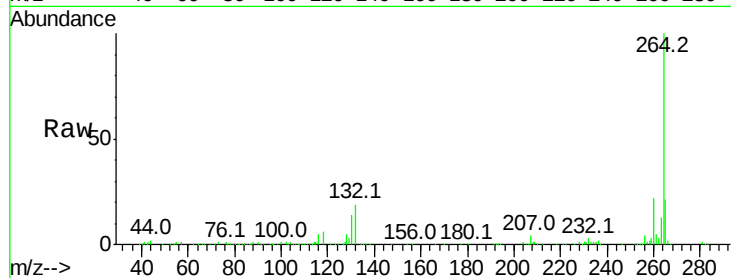




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BF100420.D
Acq: 11 Nov 2017 4:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.2	28.8
265	20.9	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

