

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\
 Data File : BF100380.D
 Acq On : 10 Nov 2017 10:07
 Operator : SJ/JU
 Sample : I6355-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 10 10:52:08 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

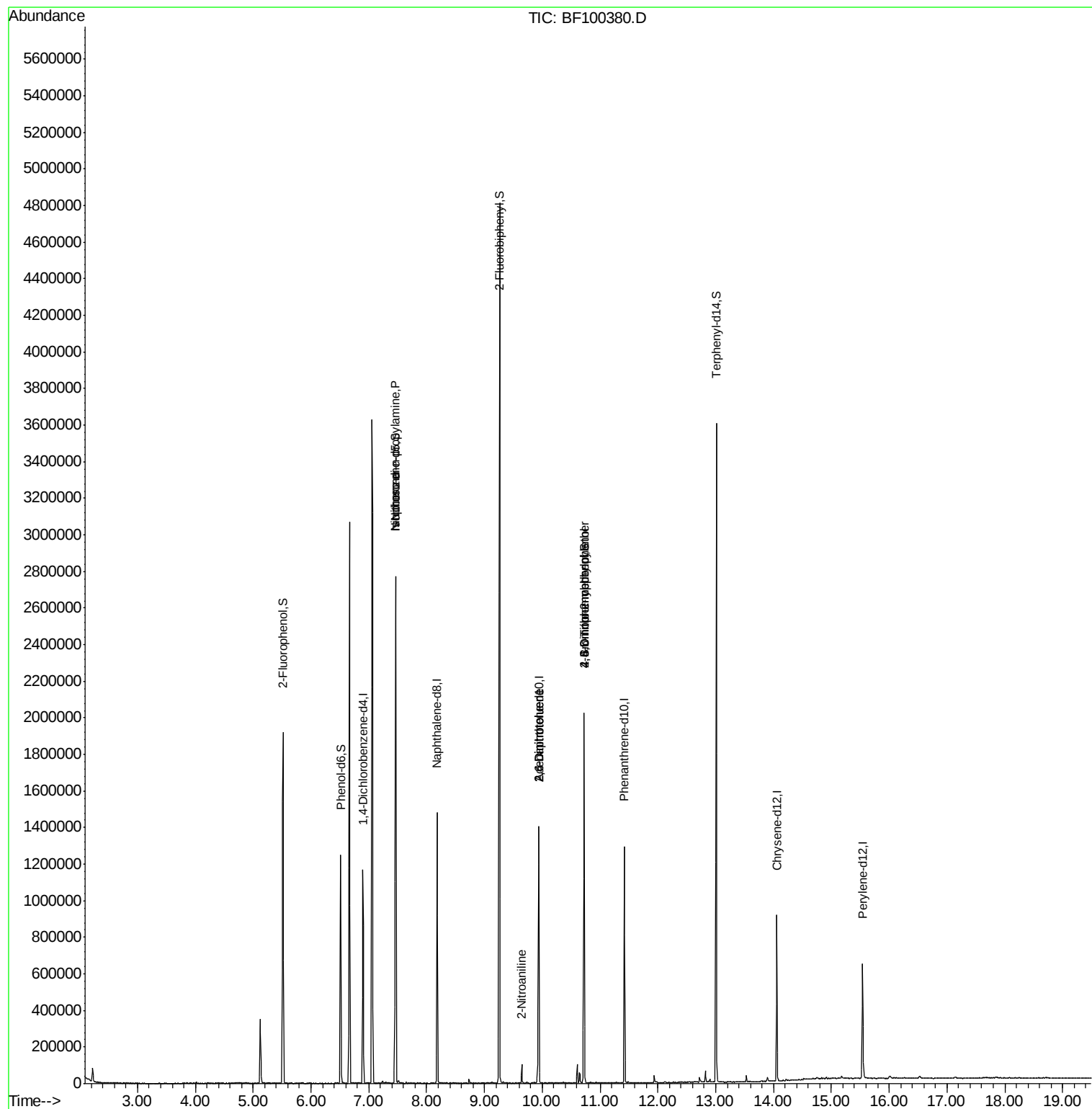
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	159360	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	612856	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	266588	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	428645	20.00	ng	0.00
75) Chrysene-d12	14.06	240	293577	20.00	ng	-0.01
86) Perylene-d12	15.54	264	301337	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	506618	50.96	ng	0.00
7) Phenol-d6	6.52	99	395702	32.28	ng	0.00
23) Nitrobenzene-d5	7.46	82	1075491	116.02	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	255898	94.20	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1759183	100.48	ng	0.00
78) Terphenyl-d14	13.01	244	1151012	90.09	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	145064	17.063	ng	# 81
25) Isophorone	7.46	82	1074992	55.185	ng	# 64
47) 2-Nitroaniline	9.64	65	312	2.843	ng	# 1
50) 2,6-Dinitrotoluene	9.94	165	33353	8.278	ng	# 25
56) 2,4-Dinitrotoluene	9.94	165	33353	6.562	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.72	198	513	8.765	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	16384	3.566	ng	# 1

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

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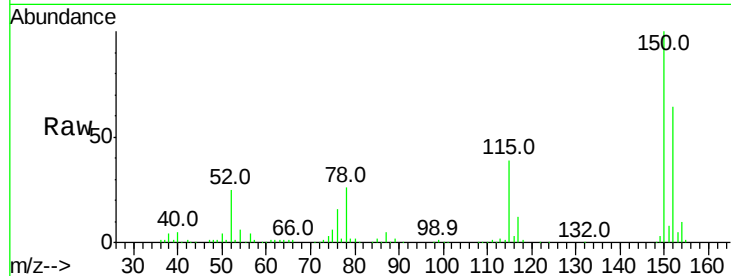


#1

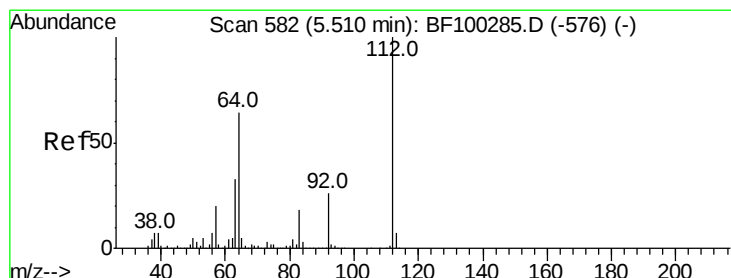
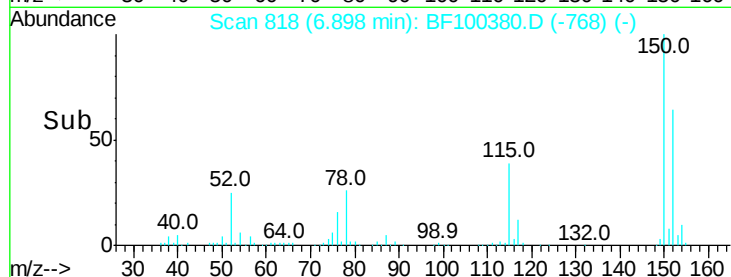
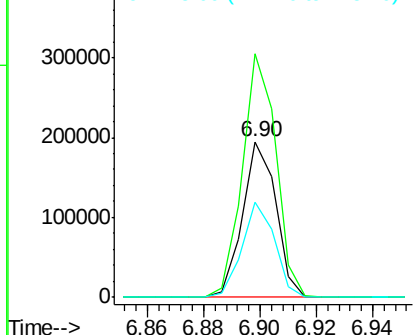
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF100380.D
 Acq: 10 Nov 2017 10:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	60.9	50.1	75.1



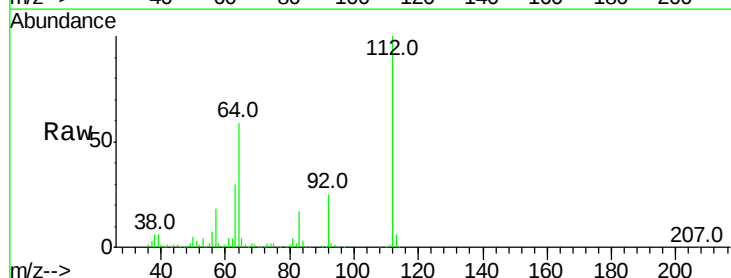
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



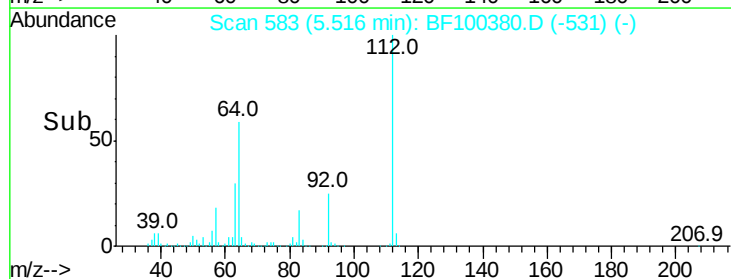
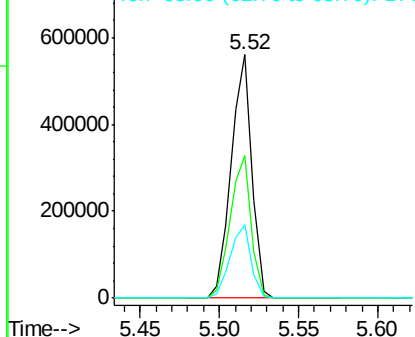
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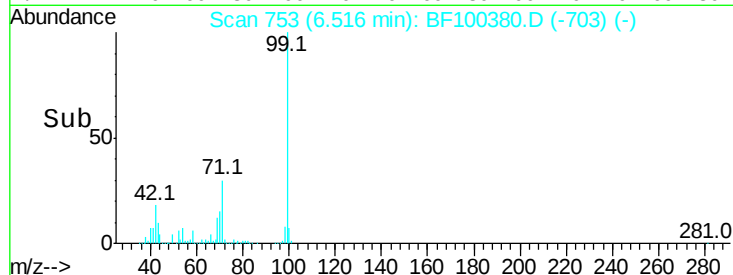
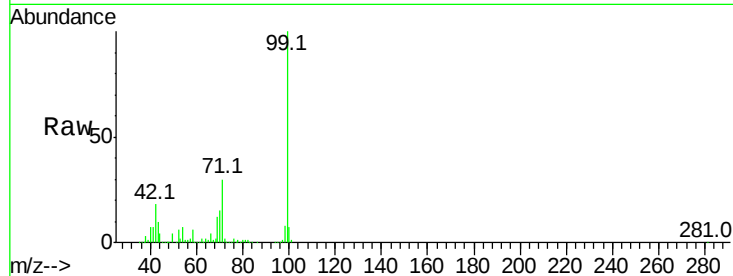
2-Fluorophenol
 Concen: 50.960 ng
 RT: 5.52 min Scan# 583
 Delta R.T. 0.01 min
 Lab File: BF100380.D
 Acq: 10 Nov 2017 10:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.9	71.9
63	30.1	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: 32.278 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100380.D

Acq: 10 Nov 2017 10:07

Instrument :

BNA_F

ClientSampleId :

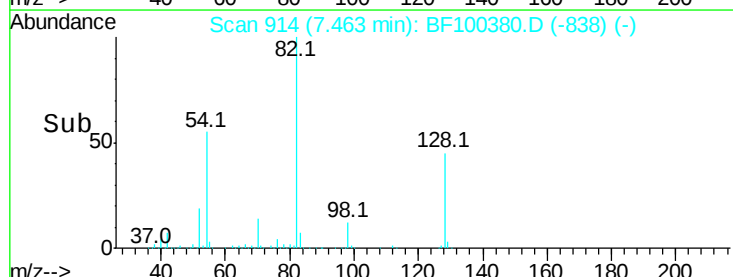
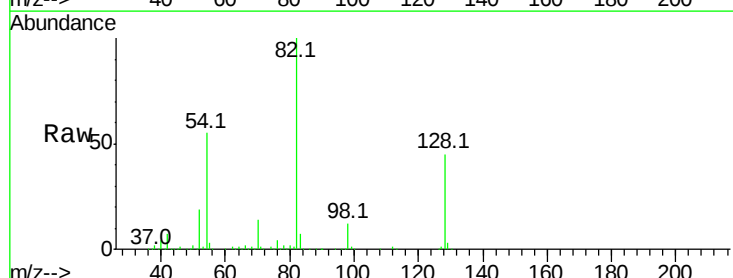
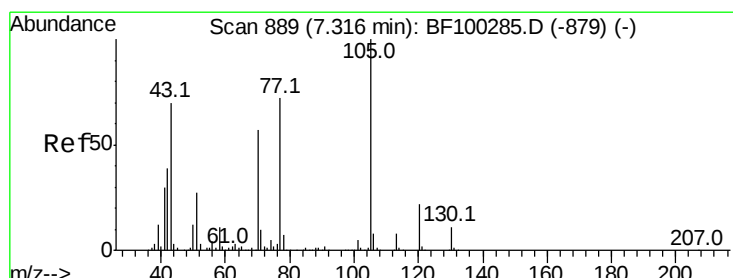
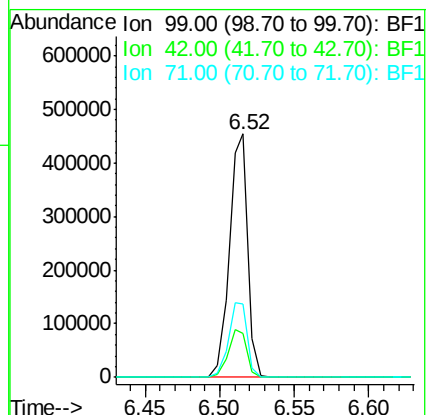
Tot Ion: 99 Resp: 395702

Ion Ratio Lower Upper

99 100

42 18.2 14.5 21.7

71 30.1 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 17.063 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.15 min

Lab File: BF100380.D

Acq: 10 Nov 2017 10:07

Tgt Ion: 70 Resp: 145064

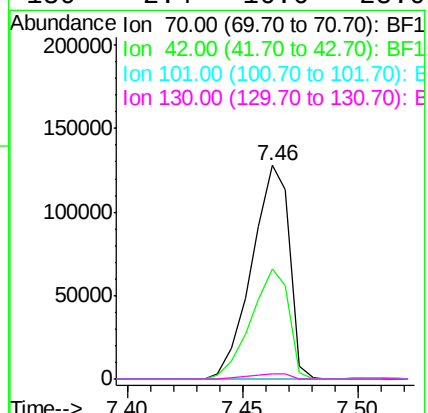
Ion Ratio Lower Upper

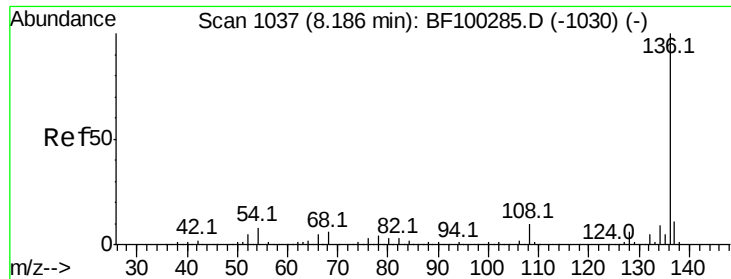
70 100

42 51.4 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

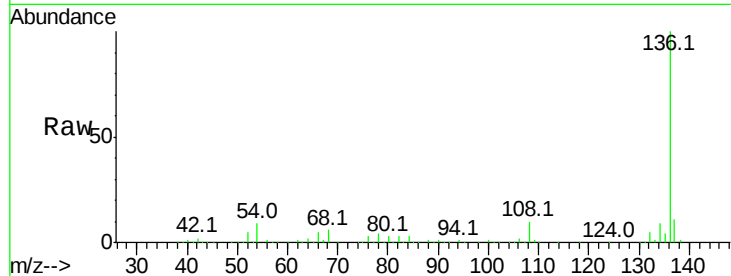




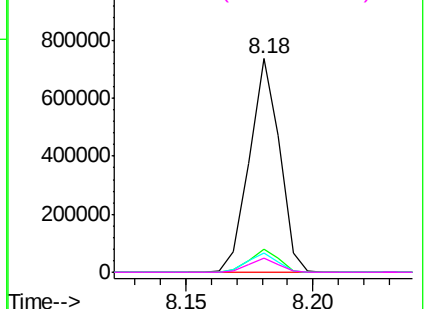
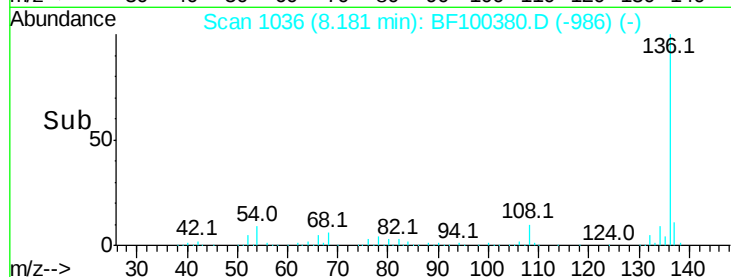
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100380.D
Acq: 10 Nov 2017 10:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	612856
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.0	6.6	9.8
68	6.4	5.0	7.4

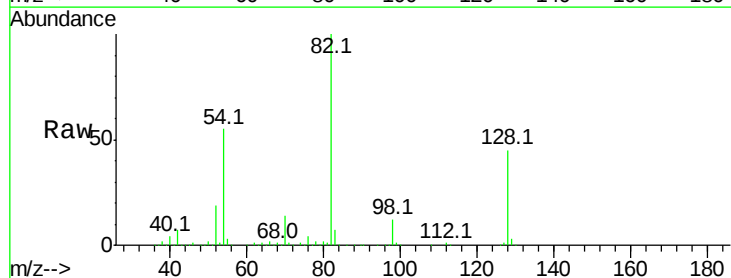


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

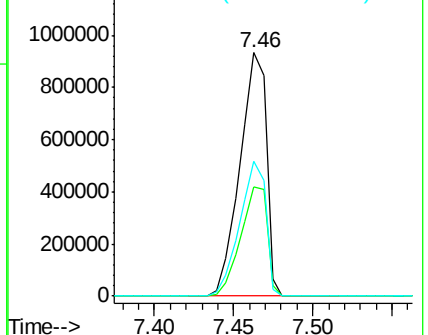
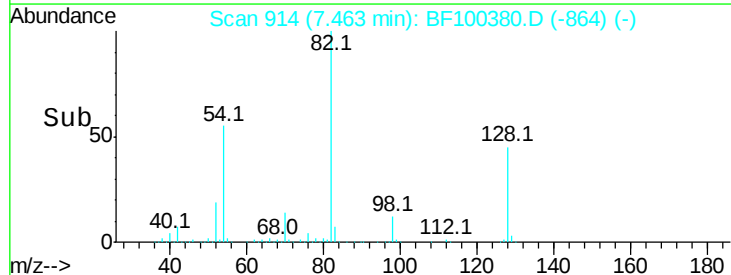


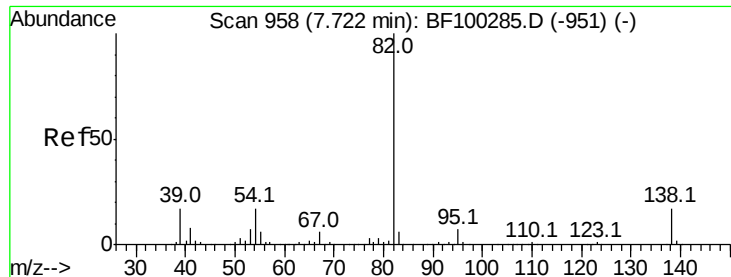
#23
Nitrobenzene-d5
Concen: 116.021 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100380.D
Acq: 10 Nov 2017 10:07

Tgt Ion:	82	Resp:	1075491
Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	55.3	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: 55.185 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.26 min

Lab File: BF100380.D

Acq: 10 Nov 2017 10:07

Instrument :

BNA_F

ClientSampleId :

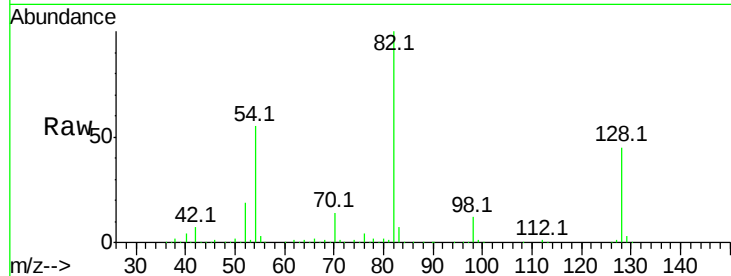
Tot Ion: 82 Resp: 1074992

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

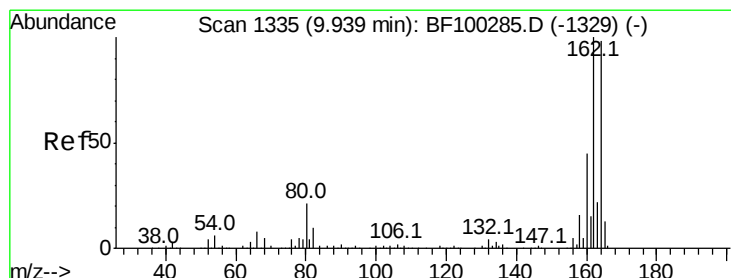
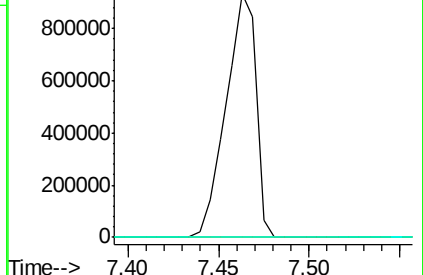
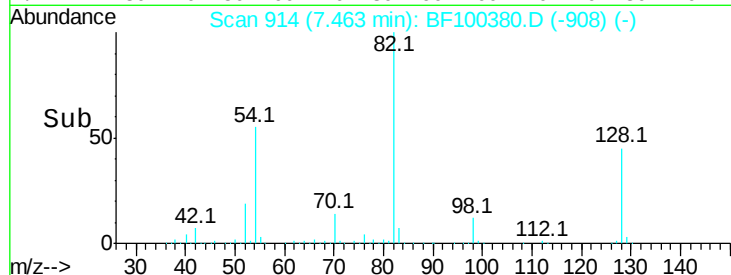
138 0.0 14.9 22.3#



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. 0.00 min

Lab File: BF100380.D

Acq: 10 Nov 2017 10:07

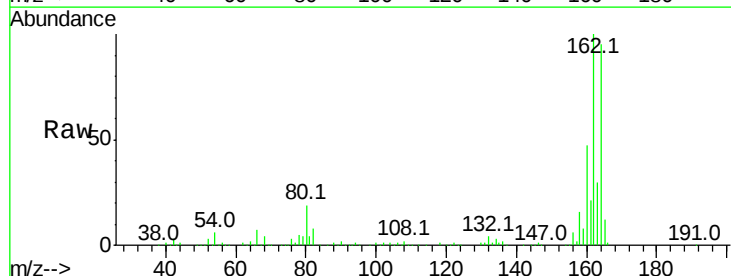
Tgt Ion:164 Resp: 266588

Ion Ratio Lower Upper

164 100

162 105.7 86.1 129.1

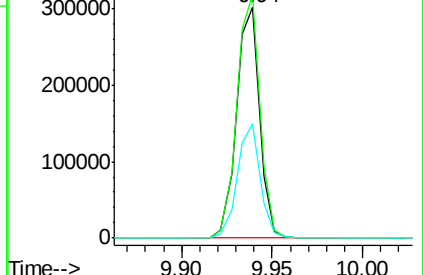
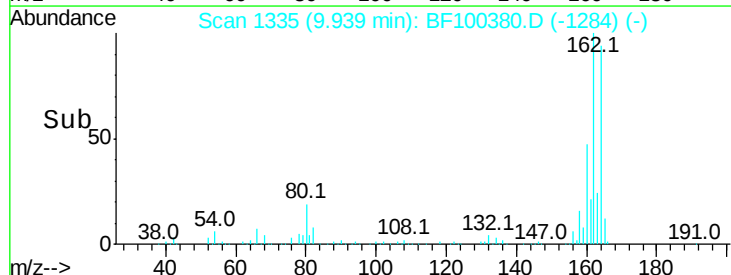
160 49.5 38.3 57.5

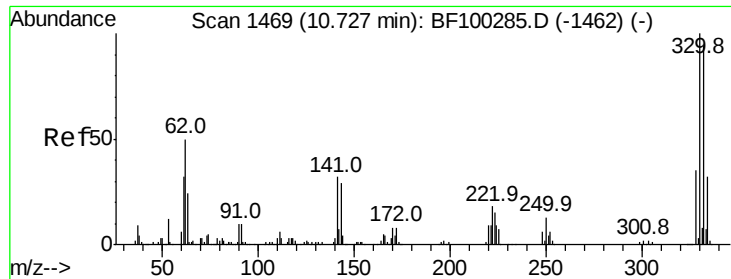


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

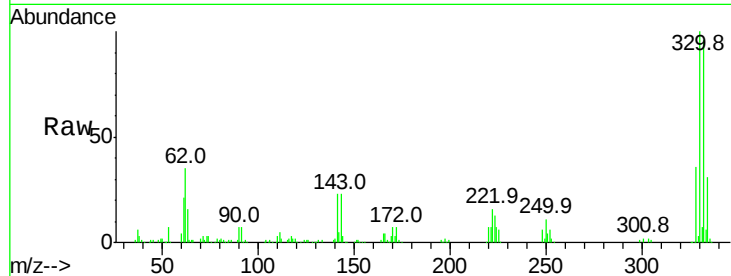




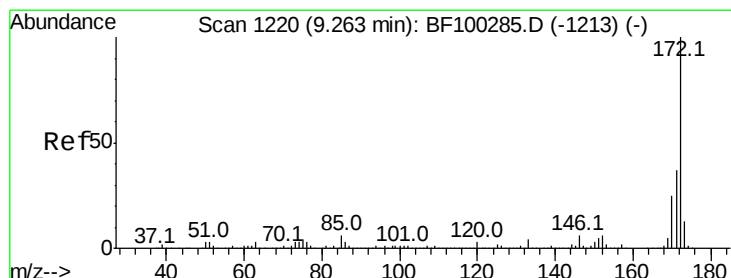
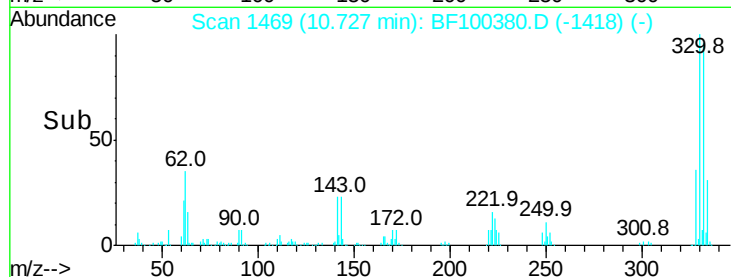
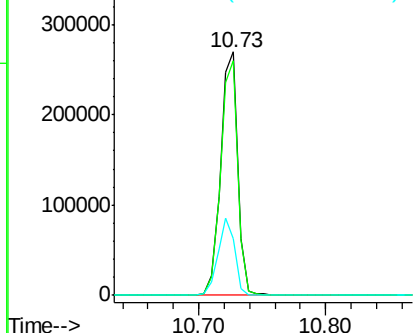
#41
 2,4,6-Tribromophenol
 Concen: 94.200 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: BF100380.D
 Acq: 10 Nov 2017 10:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	31.0	29.9	44.9

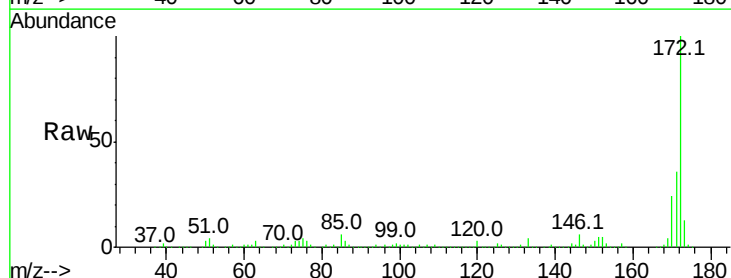


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

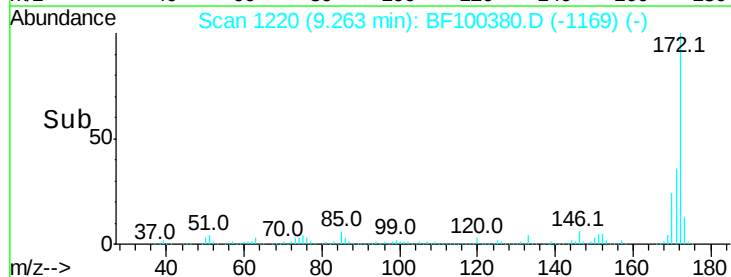
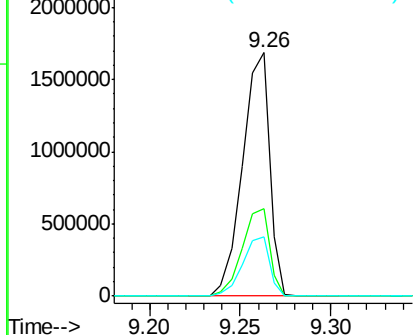


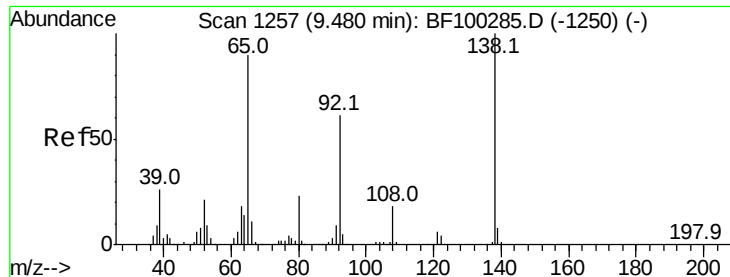
#44
 2-Fluorobiphenyl
 Concen: 100.482 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BF100380.D
 Acq: 10 Nov 2017 10:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.3	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

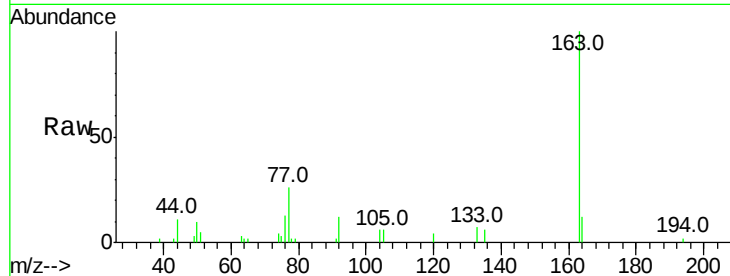




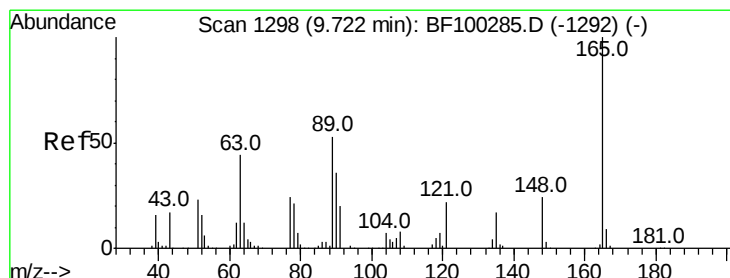
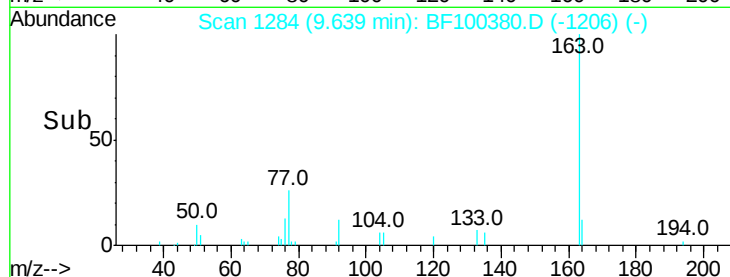
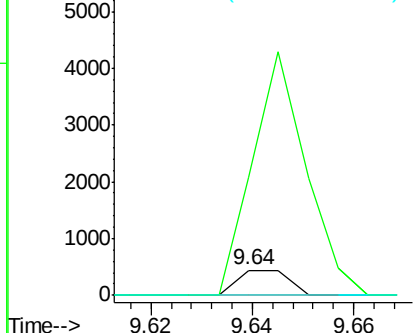
#47
2-Nitroaniline
Concen: 2.843 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.16 min
Lab File: BF100380.D
Acq: 10 Nov 2017 10:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 312
Ion Ratio Lower Upper
65 100
92 465.6 55.8 83.6#
138 0.0 91.2 136.8#

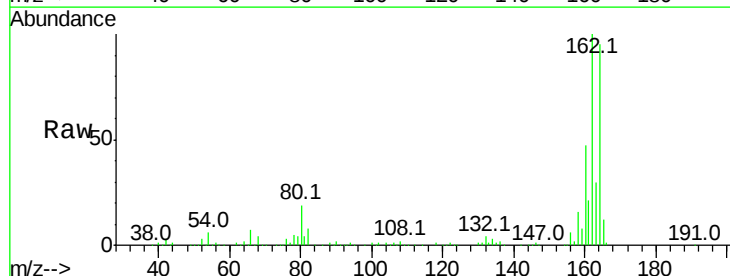


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

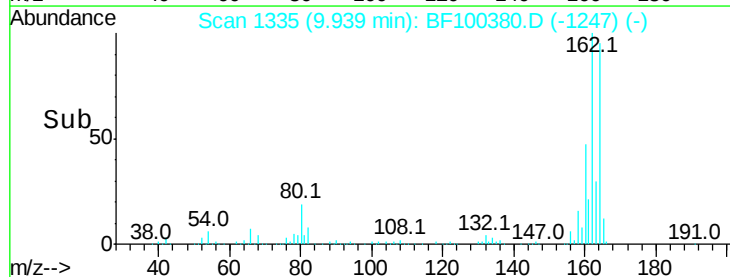
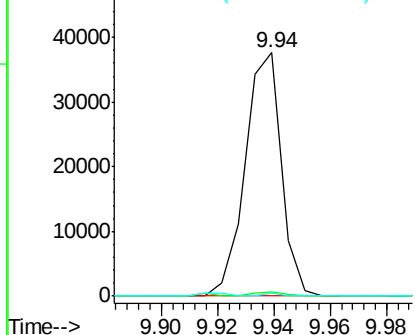


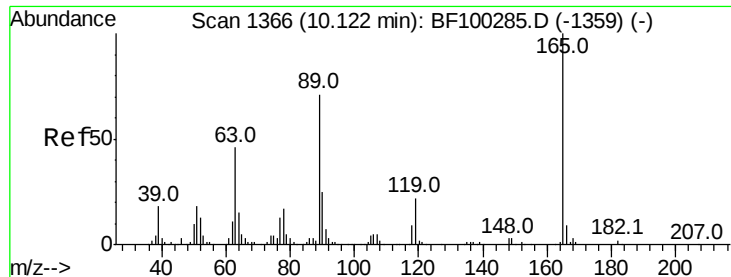
#50
2,6-Dinitrotoluene
Concen: 8.278 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.22 min
Lab File: BF100380.D
Acq: 10 Nov 2017 10:07

Tgt Ion:165 Resp: 33353
Ion Ratio Lower Upper
165 100
63 1.5 44.7 67.1#
89 1.0 44.0 66.0#



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

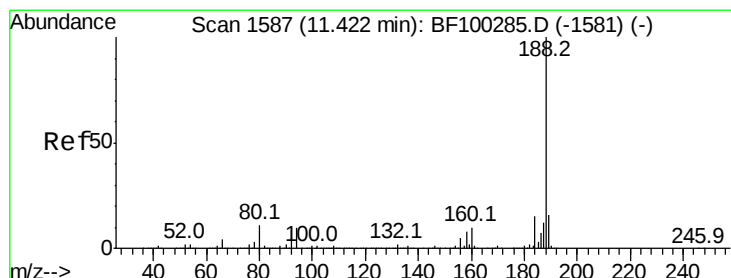
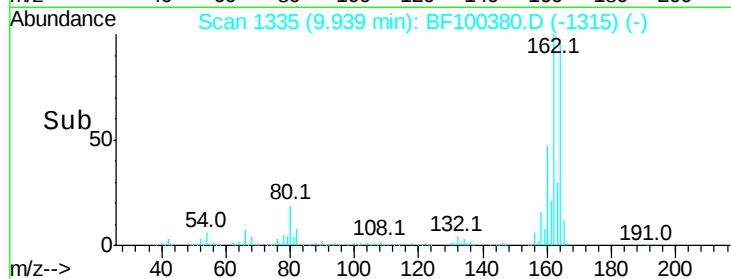
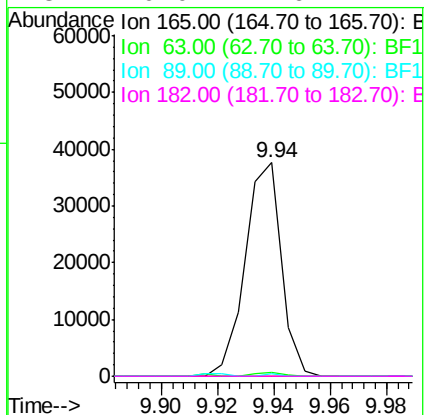
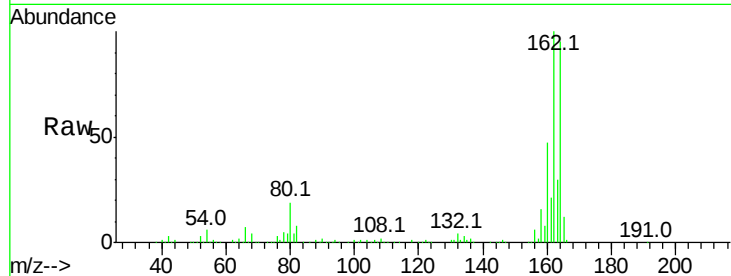




#56
 2,4-Dinitrotoluene
 Concen: 6.562 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.18 min
 Lab File: BF100380.D
 Acq: 10 Nov 2017 10:07

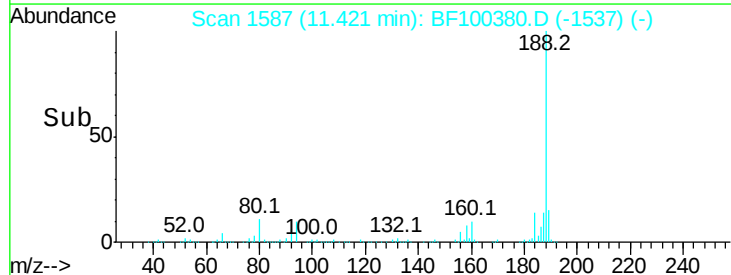
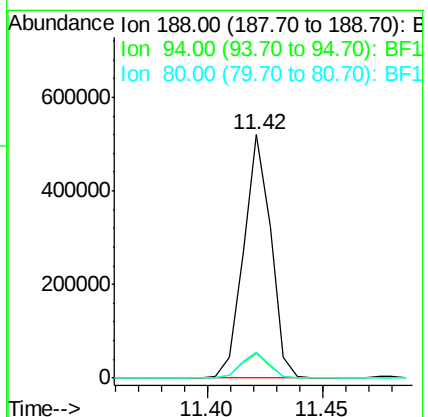
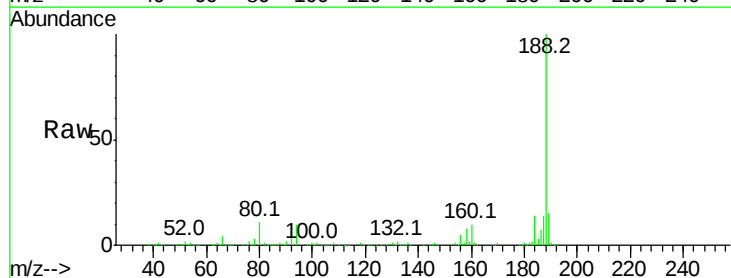
Instrument :
 BNA_F
 ClientSampled :

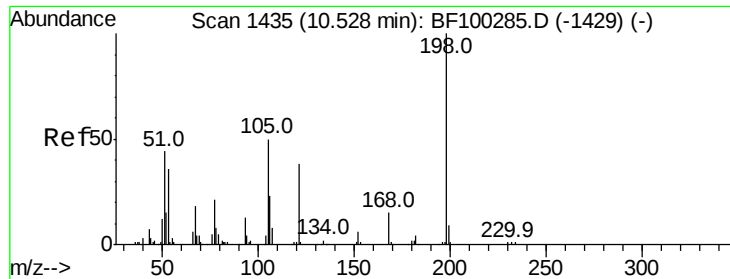
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF100380.D
 Acq: 10 Nov 2017 10:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.9	9.2	13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 8.765 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.19 min

Lab File: BF100380.D

Acq: 10 Nov 2017 10:07

Instrument :

BNA_F

ClientSampleId :

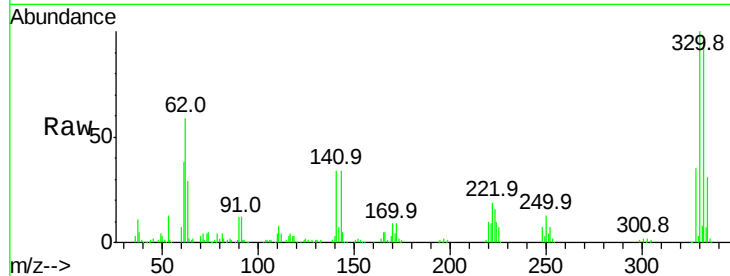
Tot Ion:198 Resp: 513

Ion Ratio Lower Upper

198 100

51 260.4 37.7 77.7#

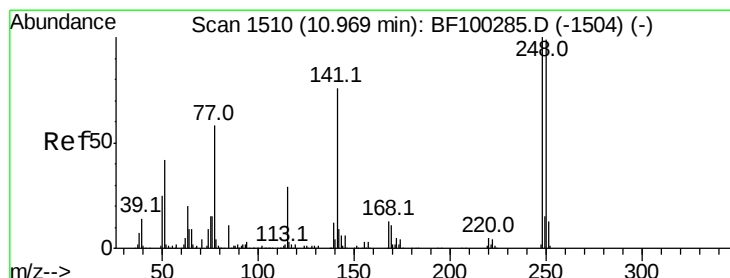
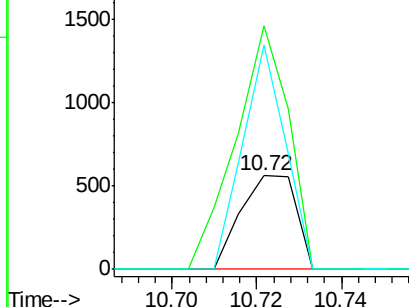
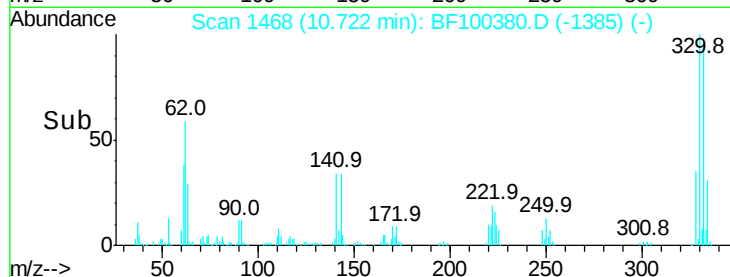
105 240.2 36.3 76.3#



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: 3.566 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.25 min

Lab File: BF100380.D

Acq: 10 Nov 2017 10:07

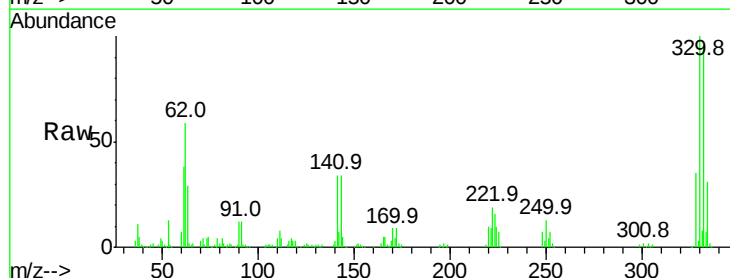
Tgt Ion:248 Resp: 16384

Ion Ratio Lower Upper

248 100

250 192.8 76.9 115.3#

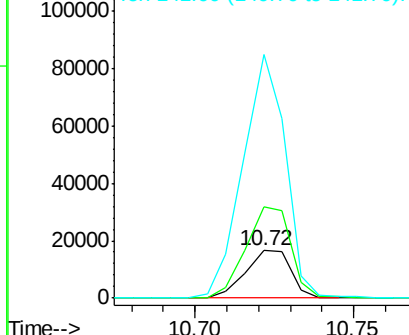
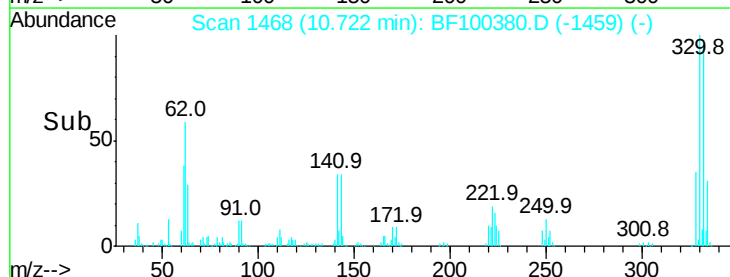
141 513.4 74.4 111.6#

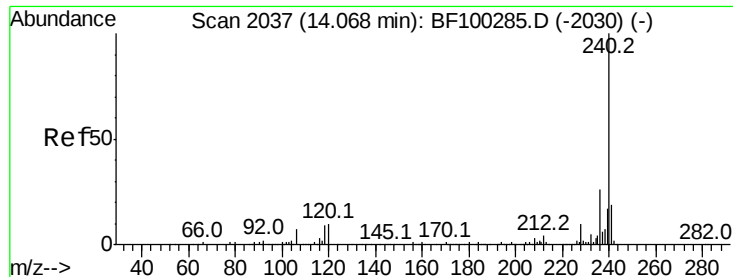


Abundance Ion 248.00 (247.70 to 248.70): E

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# 2035

Delta R.T. -0.01 min

Lab File: BF100380.D

Acq: 10 Nov 2017 10:07

Instrument :

BNA_F

ClientSampleId :

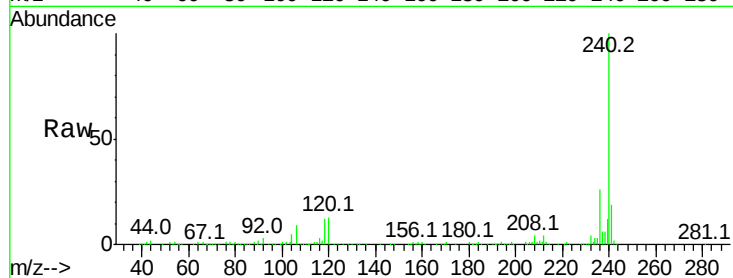
Tot Ion:240 Resp: 293577

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

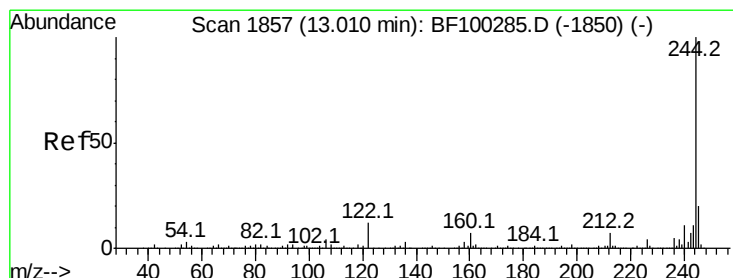
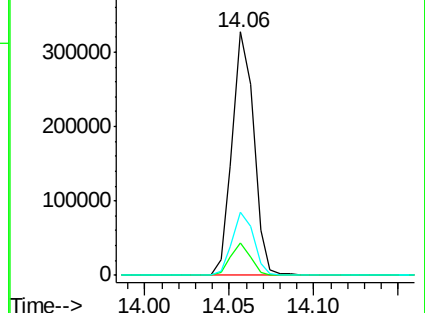
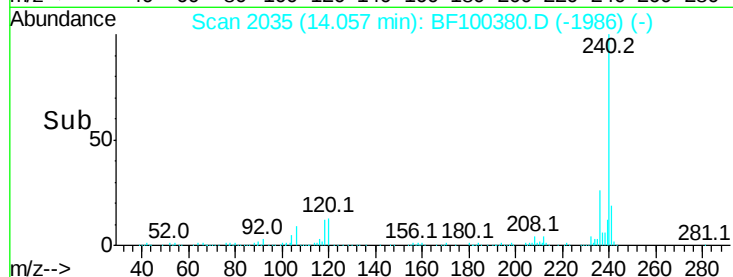
236 25.9 20.7 31.1



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: 90.085 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BF100380.D

Acq: 10 Nov 2017 10:07

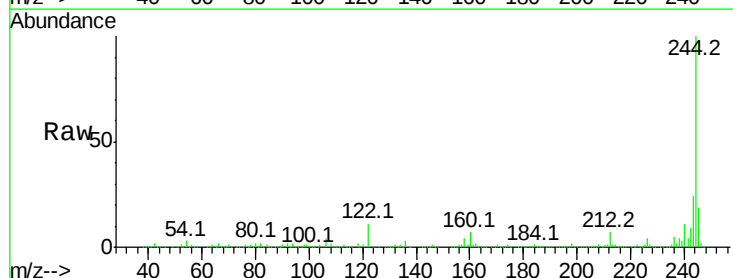
Tgt Ion:244 Resp: 1151012

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

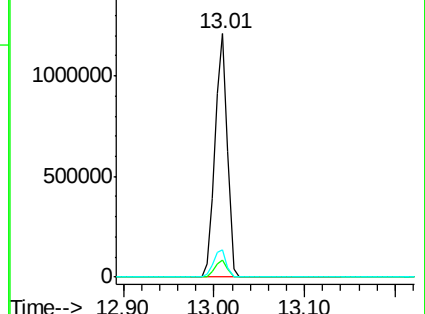
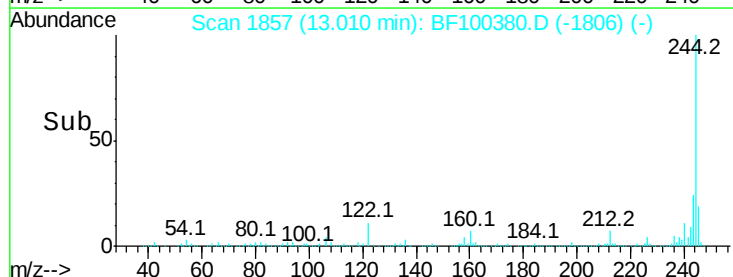
122 11.1 11.0 16.4

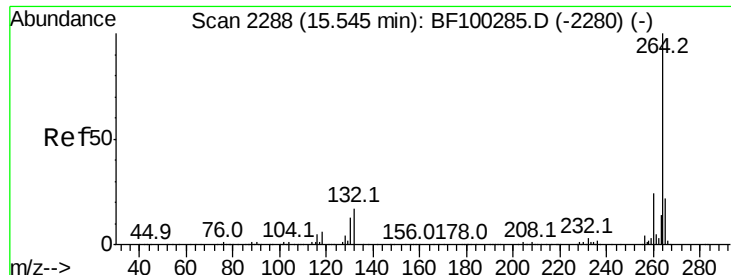


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2287
Delta R.T. -0.01 min
Lab File: BF100380.D
Acq: 10 Nov 2017 10:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.6	17.5	26.3

