

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
 Data File : BF100910.D
 Acq On : 28 Nov 2017 00:13
 Operator : SJ/JU
 Sample : PB104527TB
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 28 02:19:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 14:11:25 2017
 Response via : Initial Calibration

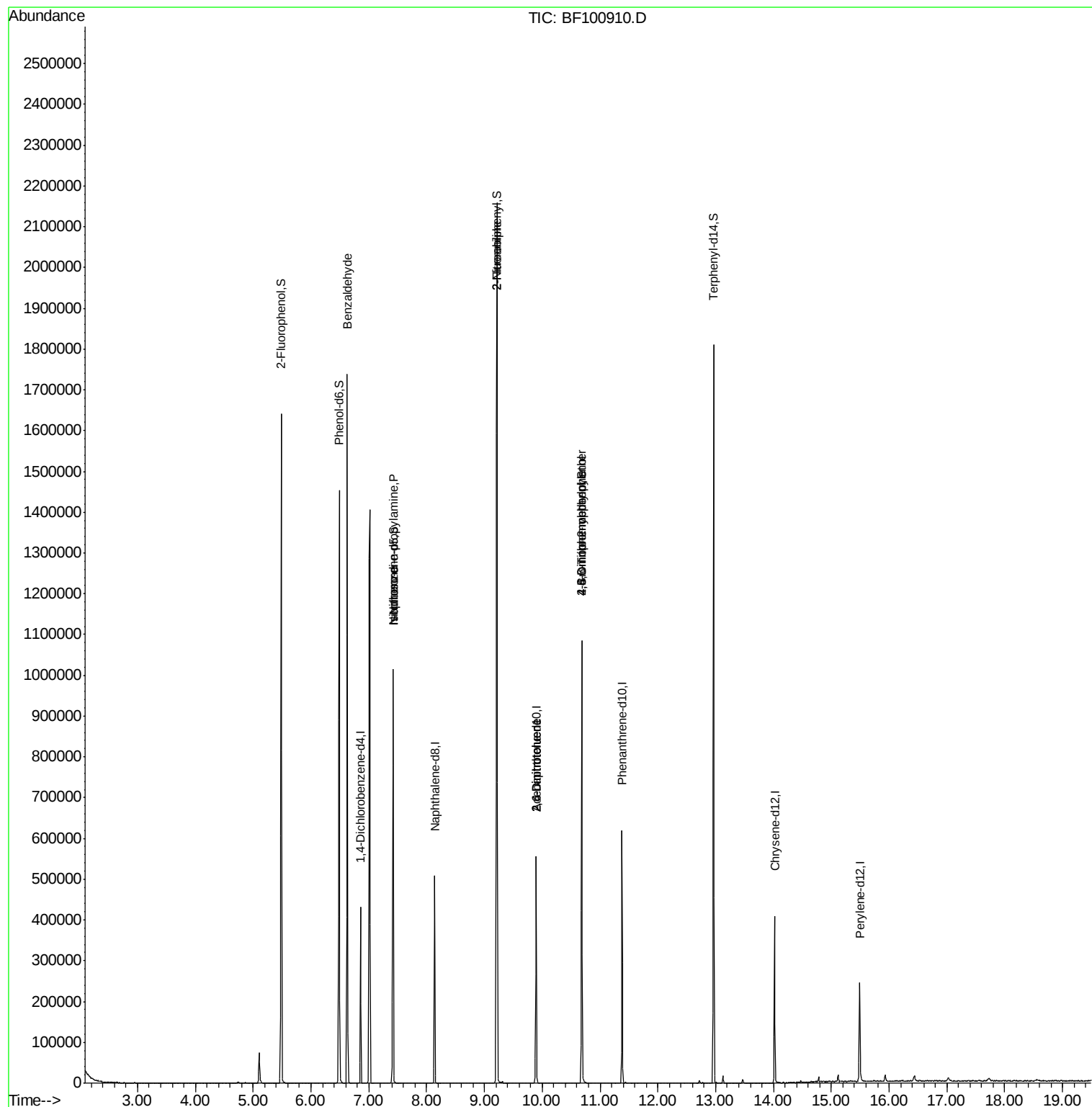
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	61272	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	241907	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	114863	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	211431	20.00	ng	0.00
75) Chrysene-d12	14.02	240	146333	20.00	ng	0.00
86) Perylene-d12	15.49	264	122082	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	467871	122.40	ng	0.01
7) Phenol-d6	6.49	99	557656	118.31	ng	0.00
23) Nitrobenzene-d5	7.42	82	348617	95.28	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	148473	126.85	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	735141	97.46	ng	0.00
78) Terphenyl-d14	12.97	244	648642	101.85	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	10015	2.975	ng	84
19) n-Nitroso-di-n-propylamine	7.42	70	44272	13.544	ng	# 80
25) Isophorone	7.42	82	348609	45.338	ng	# 64
47) 2-Nitroaniline	9.21	65	854	3.162	ng	# 1
50) 2,6-Dinitrotoluene	9.89	165	14845	8.551	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	14845	6.779	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.69	198	122	8.664	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	8939	3.944	ng	# 1

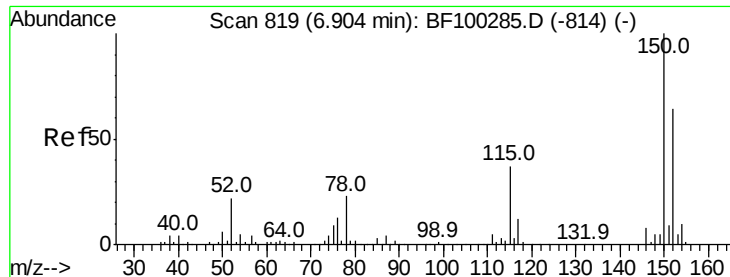
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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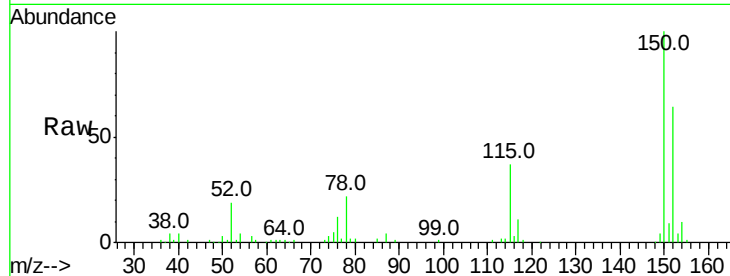


#1

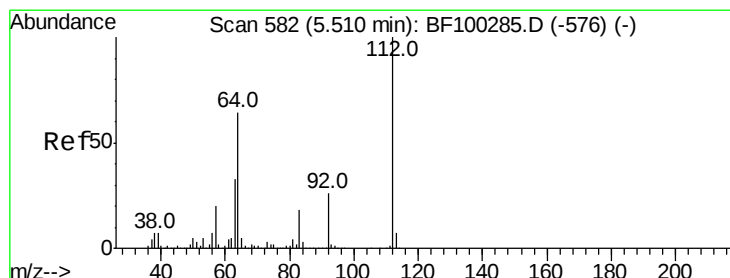
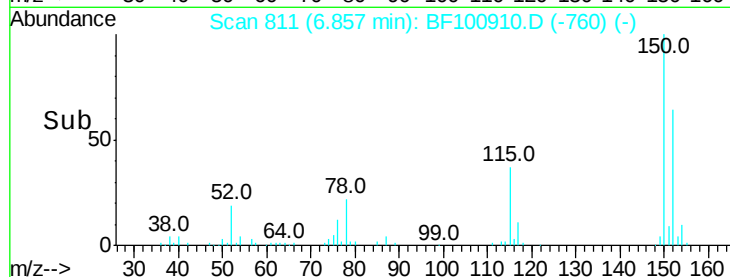
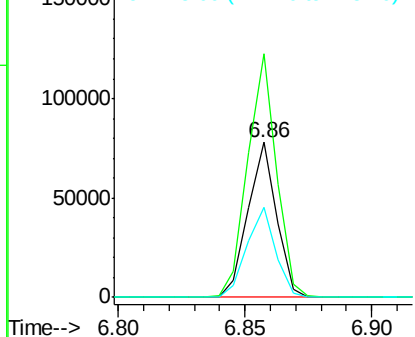
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF100910.D
Acq: 28 Nov 2017 00:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 61272
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 57.8 50.1 75.1



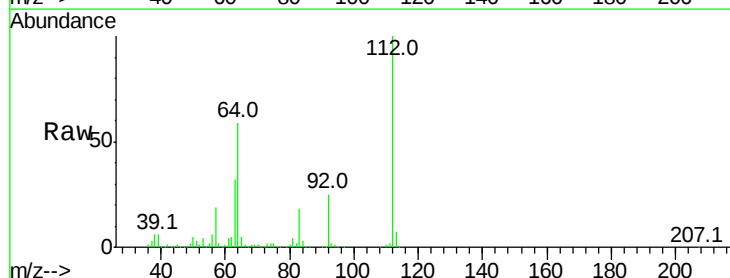
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



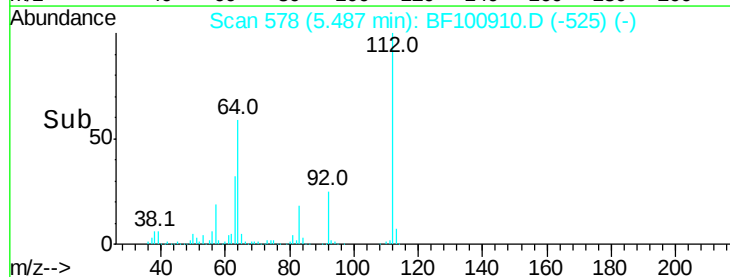
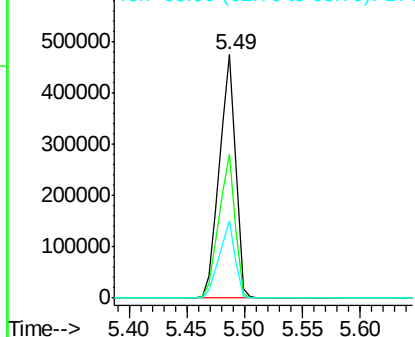
#5

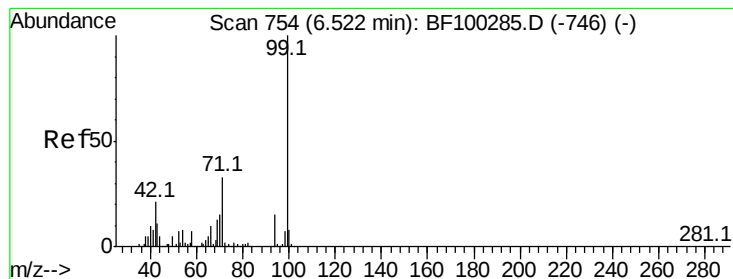
2-Fluorophenol
Concen: 122.404 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF100910.D
Acq: 28 Nov 2017 00:13

Tgt Ion:112 Resp: 467871
Ion Ratio Lower Upper
112 100
64 59.3 47.9 71.9
63 31.5 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: 118.311 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF100910.D

Acq: 28 Nov 2017 00:13

Instrument :

BNA_F

ClientSampleId :

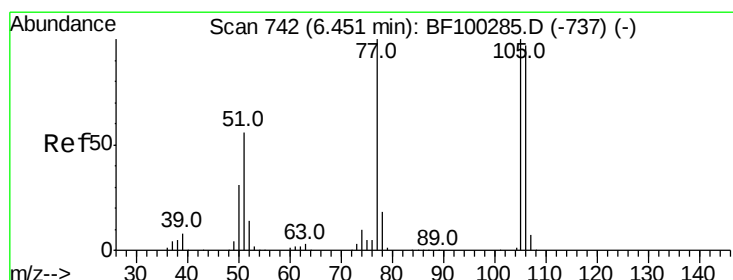
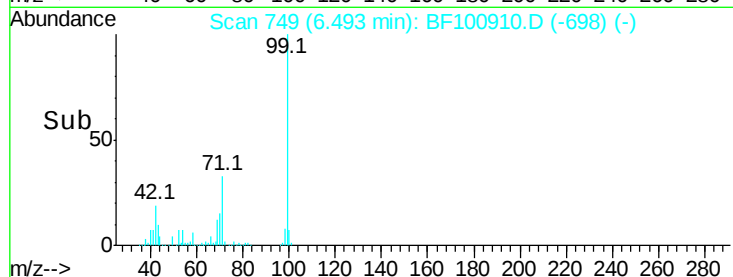
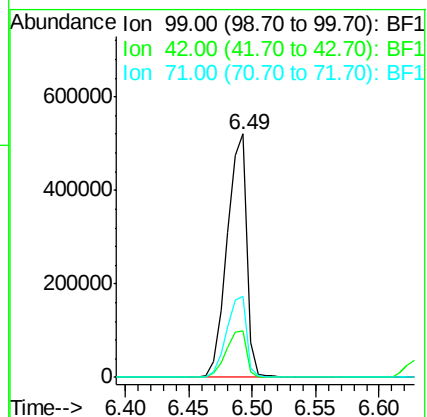
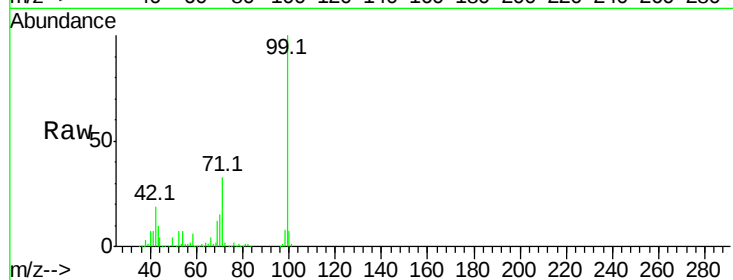
Tot Ion: 99 Resp: 557656

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

71 33.1 25.4 38.0



#9

Benzaldehyde

Concen: 2.975 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.22 min

Lab File: BF100910.D

Acq: 28 Nov 2017 00:13

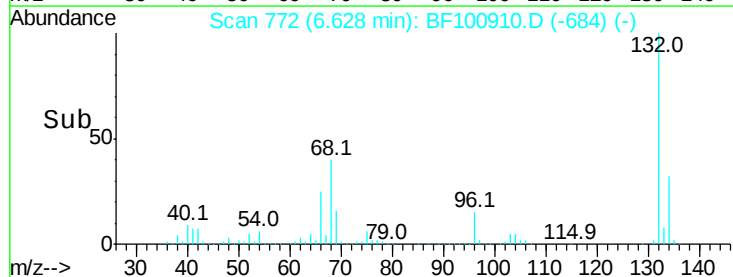
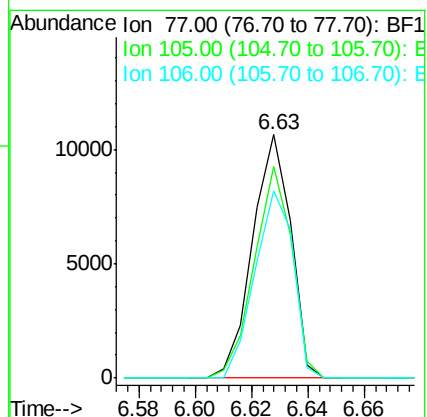
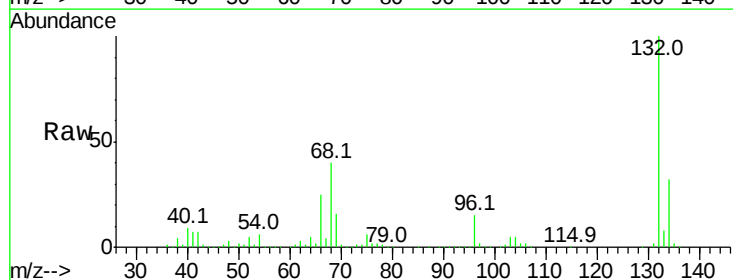
Tgt Ion: 77 Resp: 10015

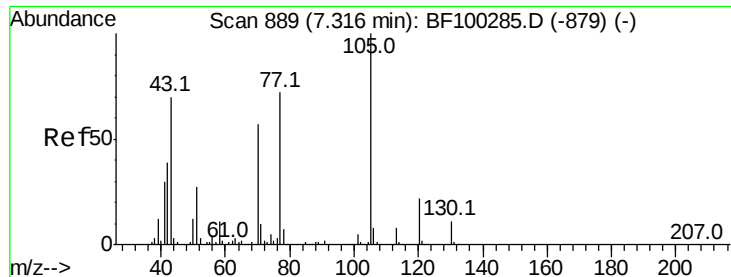
Ion Ratio Lower Upper

77 100

105 86.8 81.1 121.1

106 76.9 74.5 114.5

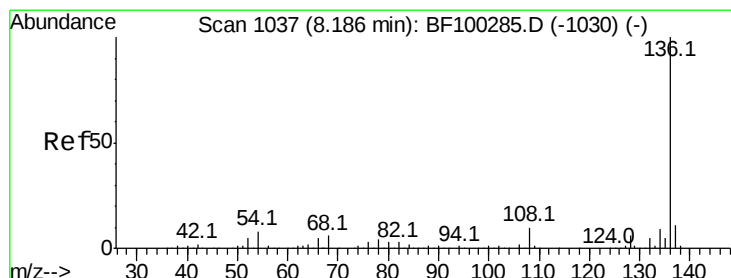
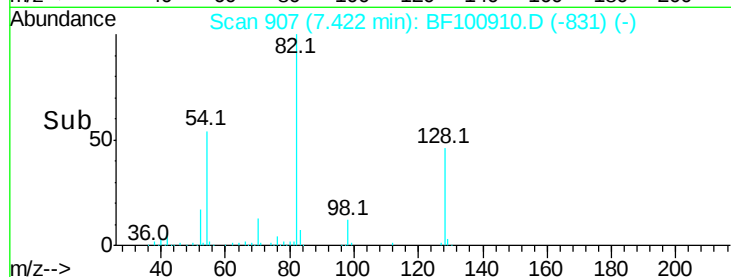
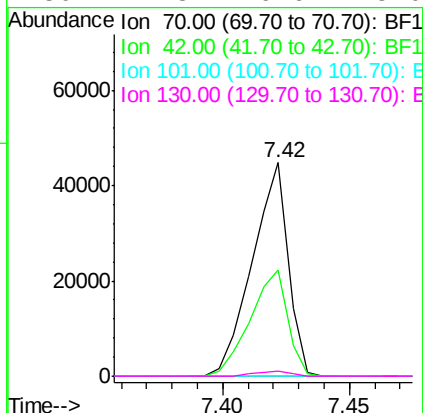
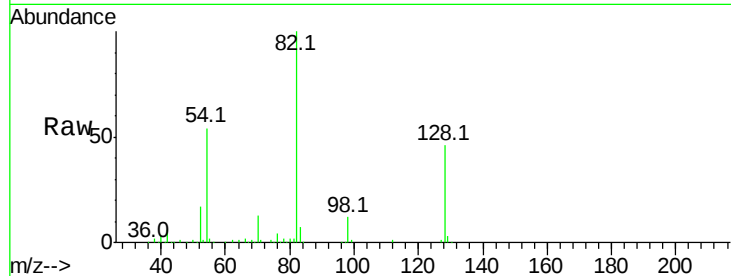




#19
n-Nitroso-di-n-propylamine
Concen: 13.544 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF100910.D
Acq: 28 Nov 2017 00:13

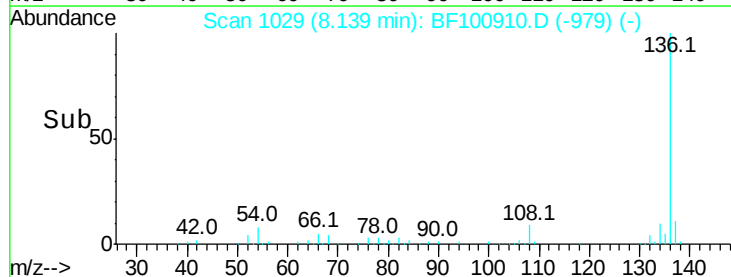
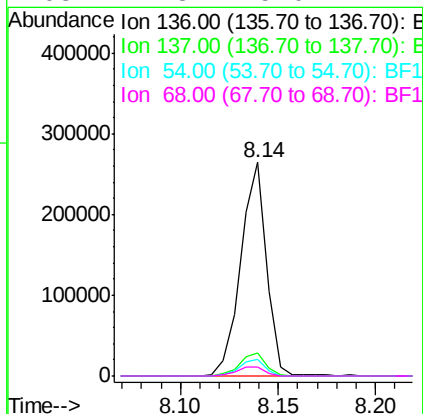
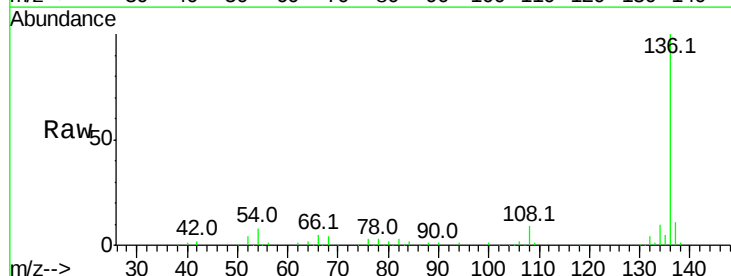
Instrument :
BNA_F
ClientSampleId :

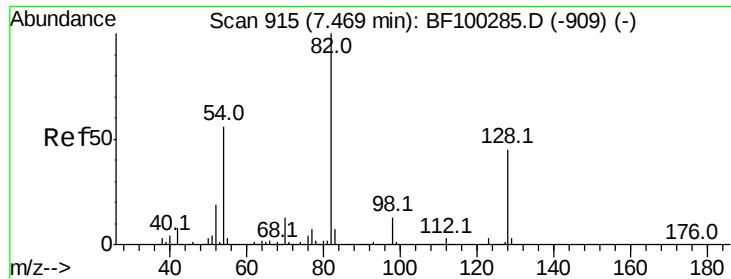
Tot Ion: 70 Resp: 44272
Ion Ratio Lower Upper
70 100
42 49.6 47.5 71.3
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF100910.D
Acq: 28 Nov 2017 00:13

Tgt Ion:136 Resp: 241907
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.9 6.6 9.8
68 4.3 5.0 7.4#

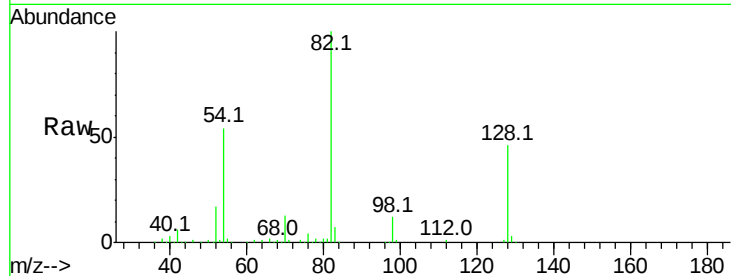




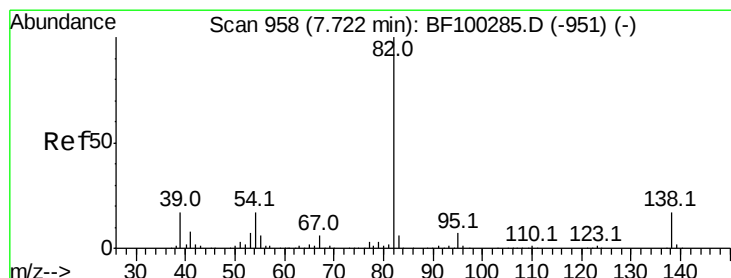
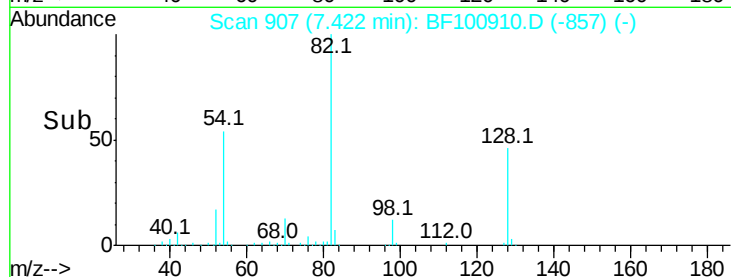
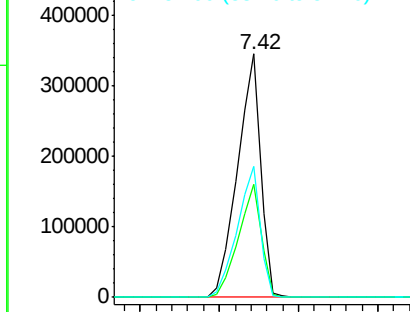
#23
Nitrobenzene-d5
Concen: 95.277 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF100910.D
Acq: 28 Nov 2017 00:13

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	348617
Ion Ratio	100	Lower	Upper
128	46.5	36.1	54.1
54	54.0	41.4	62.2

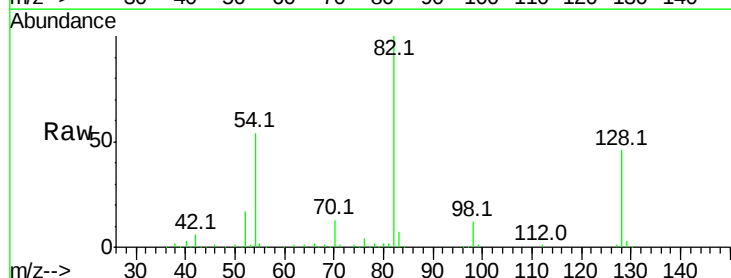


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

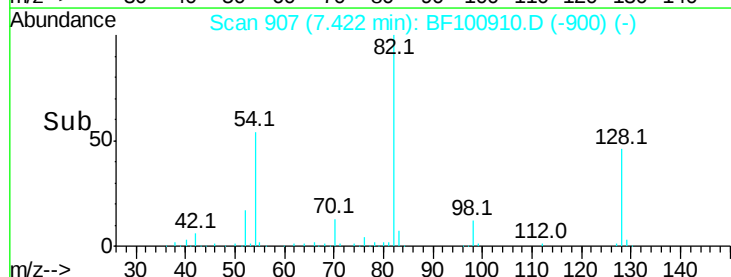
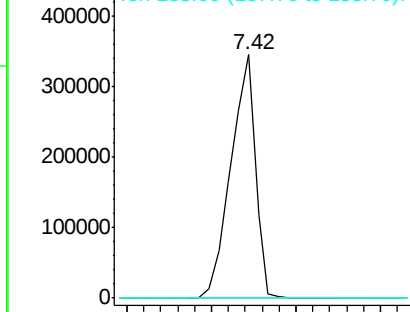


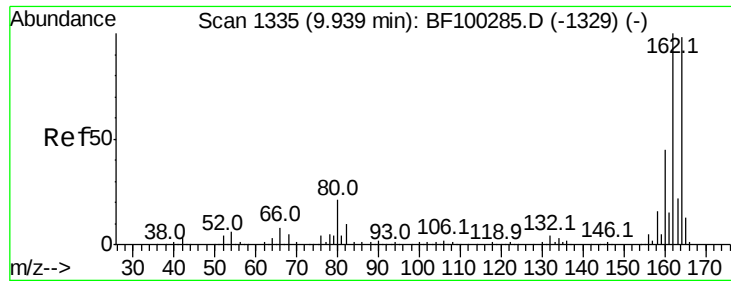
#25
Isophorone
Concen: 45.338 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.26 min
Lab File: BF100910.D
Acq: 28 Nov 2017 00:13

Tgt Ion	82	Resp	348609
Ion Ratio	100	Lower	Upper
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

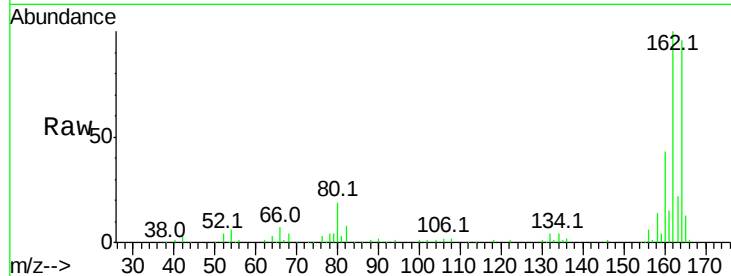




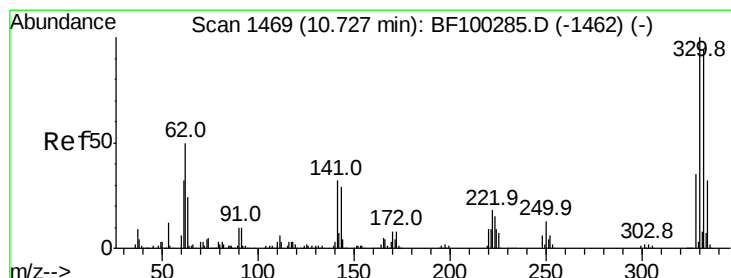
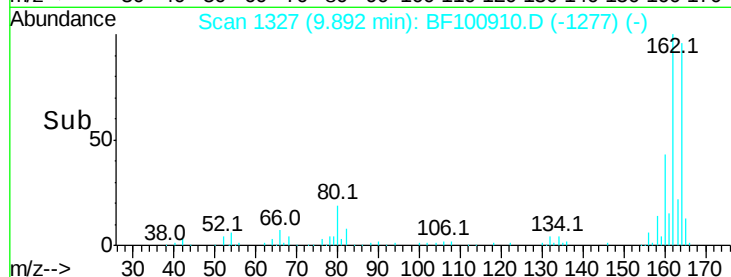
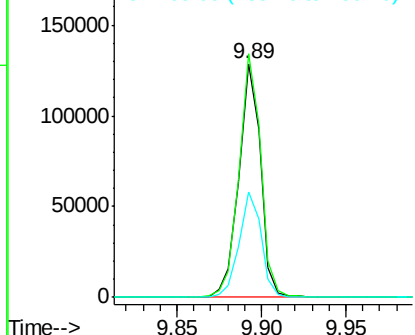
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF100910.D
Acq: 28 Nov 2017 00:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 114863
Ion Ratio Lower Upper
164 100
162 104.3 86.1 129.1
160 45.0 38.3 57.5

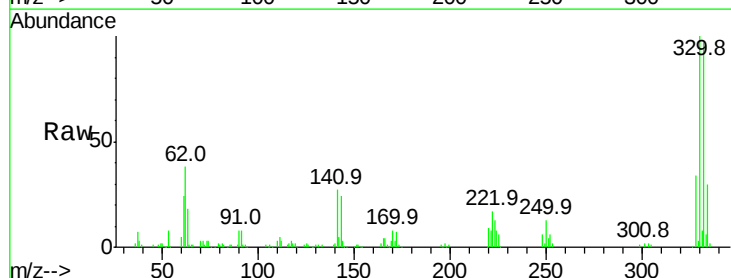


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

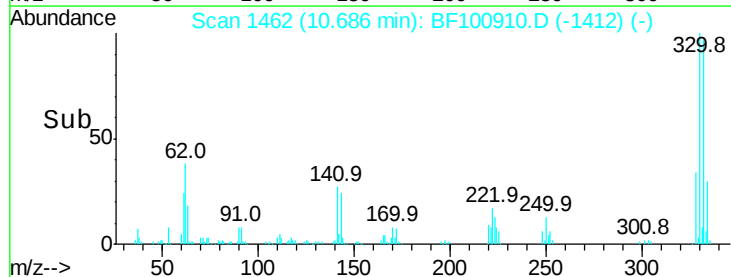
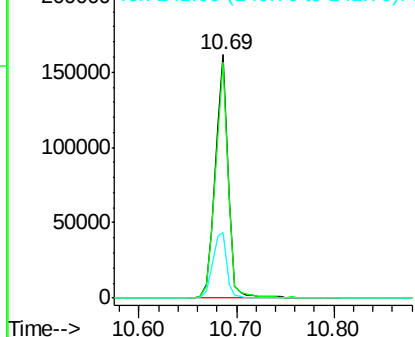


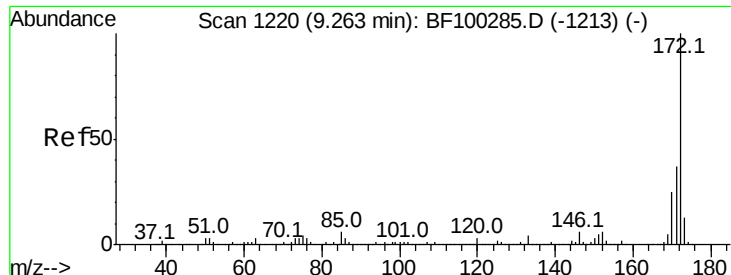
#41
2,4,6-Tribromophenol
Concen: 126.851 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF100910.D
Acq: 28 Nov 2017 00:13

Tgt Ion:330 Resp: 148473
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.6
141 29.4 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

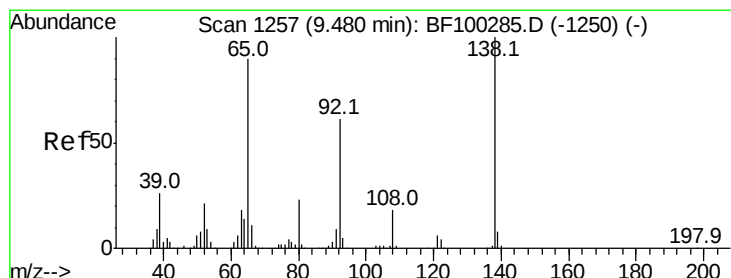
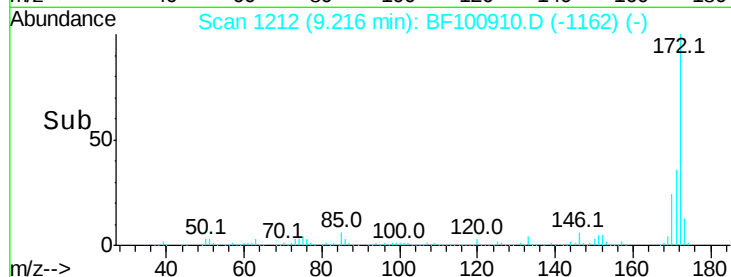
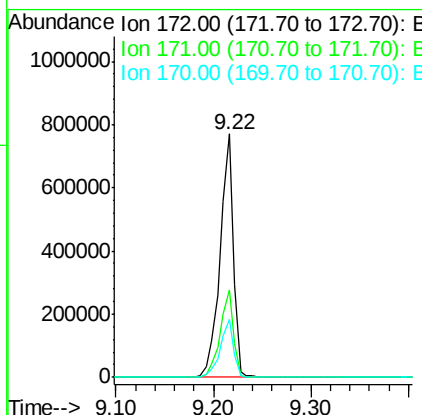
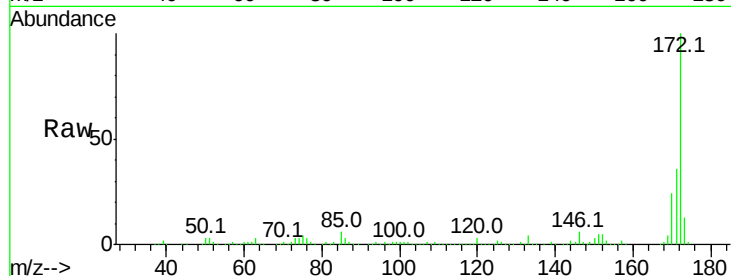




#44
 2-Fluorobiphenyl
 Concen: 97.456 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF100910.D
 Acq: 28 Nov 2017 00:13

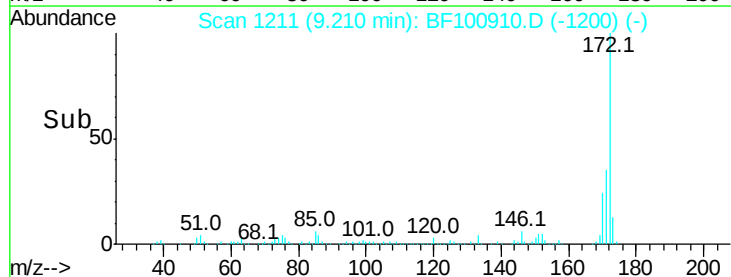
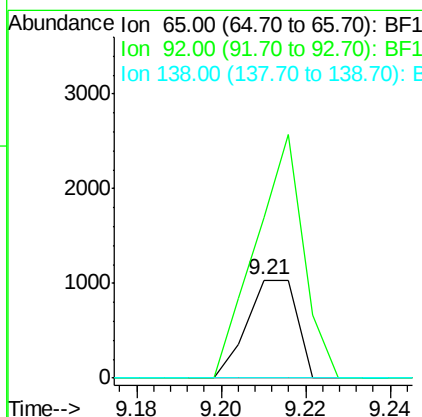
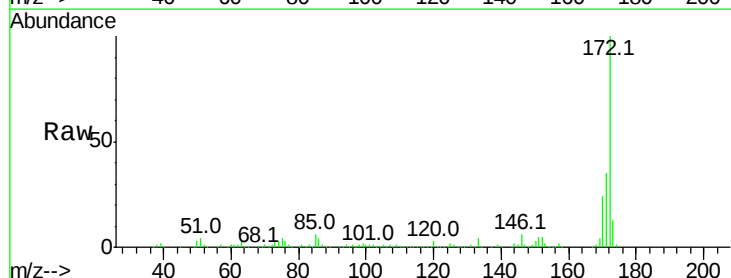
Instrument :
 BNA_F
 ClientSampled :

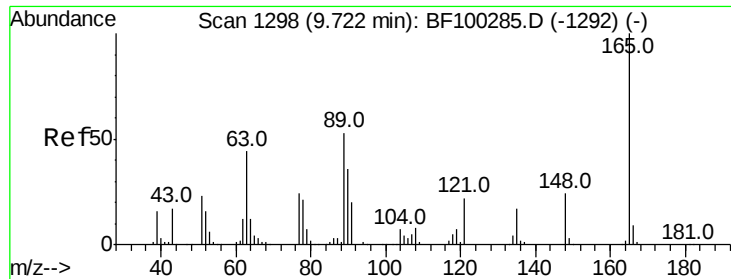
Tot Ion:172 Resp: 735141
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.0 19.6 29.4



#47
 2-Nitroaniline
 Concen: 3.162 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.24 min
 Lab File: BF100910.D
 Acq: 28 Nov 2017 00:13

Tgt Ion: 65 Resp: 854
 Ion Ratio Lower Upper
 65 100
 92 163.3 55.8 83.6#
 138 0.0 91.2 136.8#

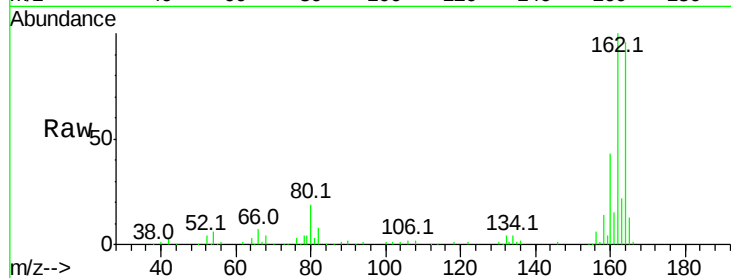




#50
 2,6-Dinitrotoluene
 Concen: 8.551 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.21 min
 Lab File: BF100910.D
 Acq: 28 Nov 2017 00:13

Instrument :
 BNA_F
 ClientSampleId :

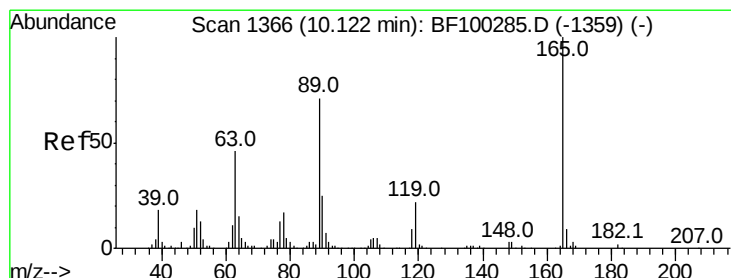
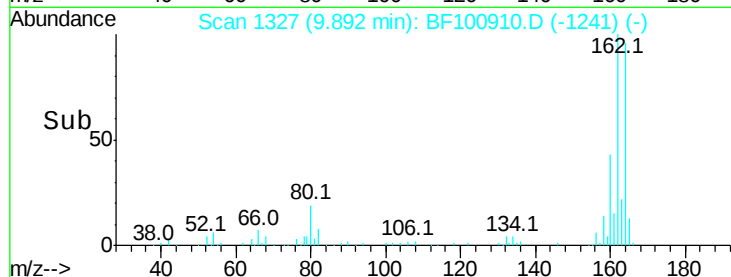
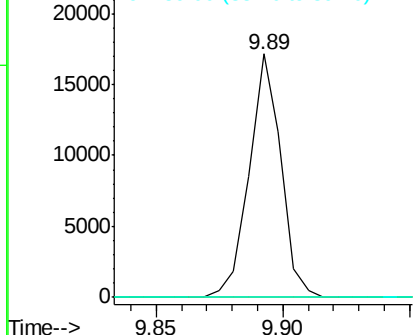
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

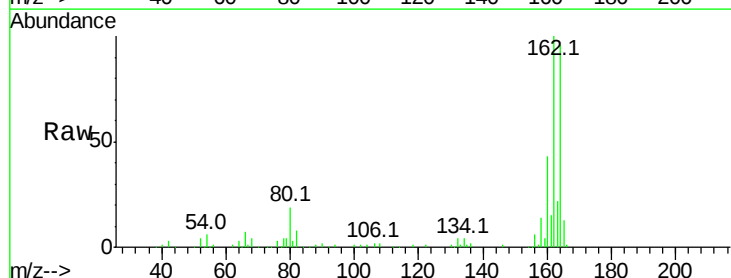
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56
 2,4-Dinitrotoluene
 Concen: 6.779 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF100910.D
 Acq: 28 Nov 2017 00:13

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

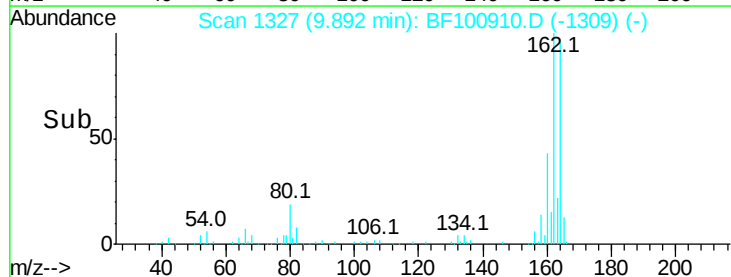
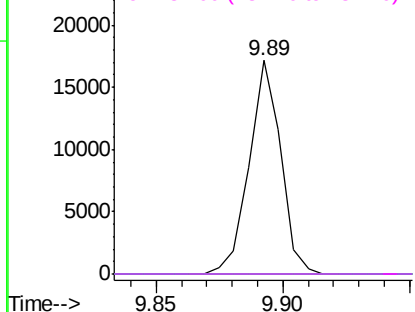


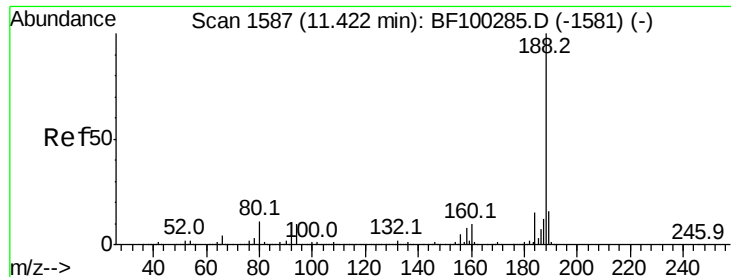
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF100910.D

Acq: 28 Nov 2017 00:13

Instrument :

BNA_F

ClientSampleId :

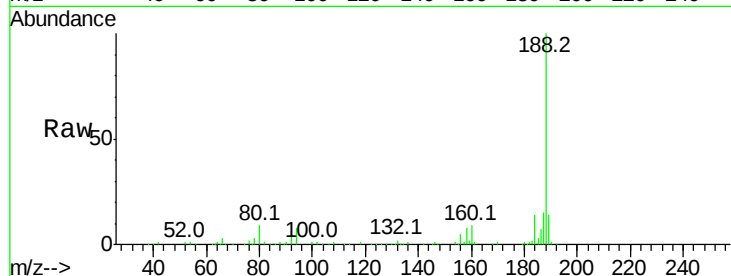
Tot Ion:188 Resp: 211431

Ion Ratio Lower Upper

188 100

94 7.9 8.5 12.7#

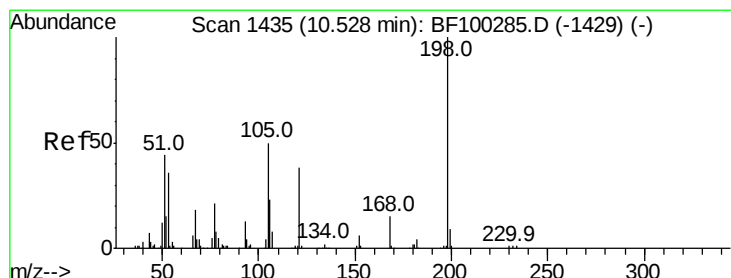
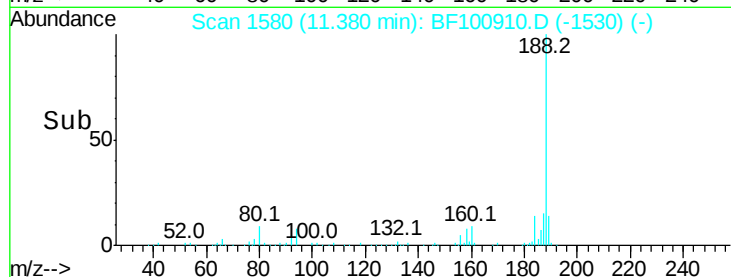
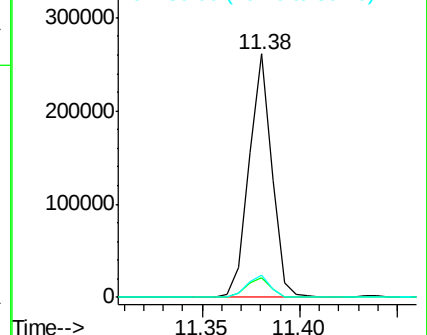
80 9.0 9.2 13.8#



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: 8.664 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.19 min

Lab File: BF100910.D

Acq: 28 Nov 2017 00:13

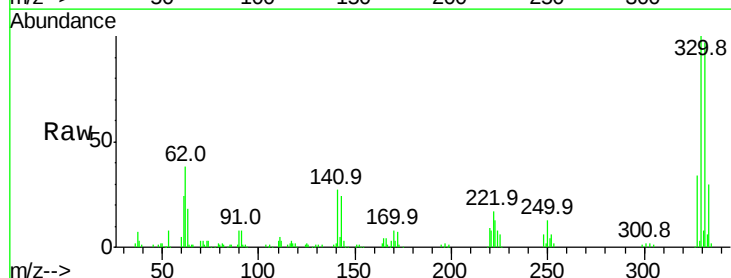
Tgt Ion:198 Resp: 122

Ion Ratio Lower Upper

198 100

51 154.2 37.7 77.7#

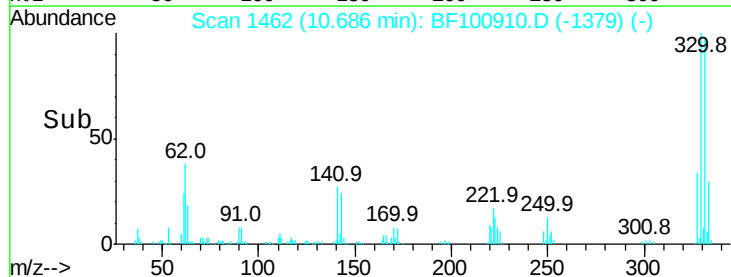
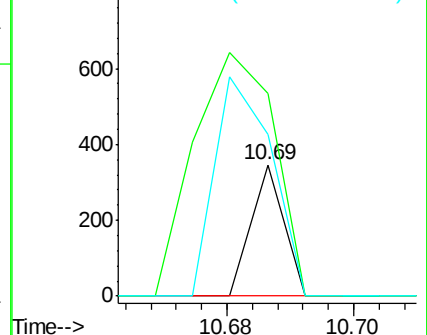
105 122.5 36.3 76.3#

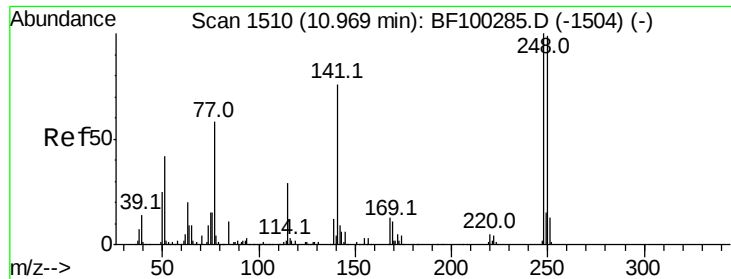


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

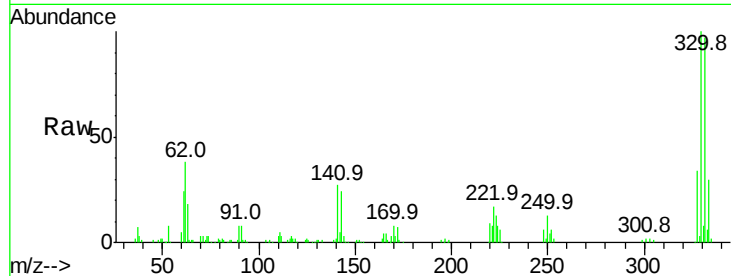




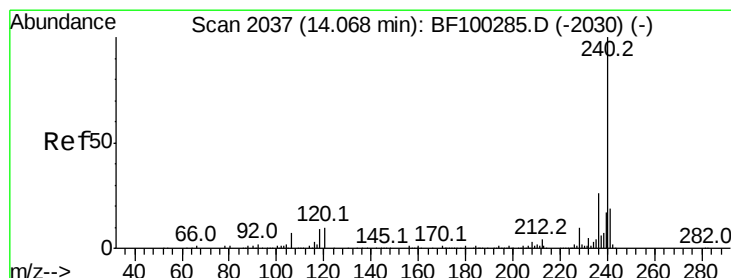
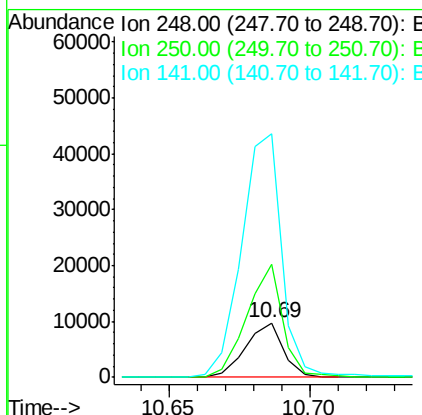
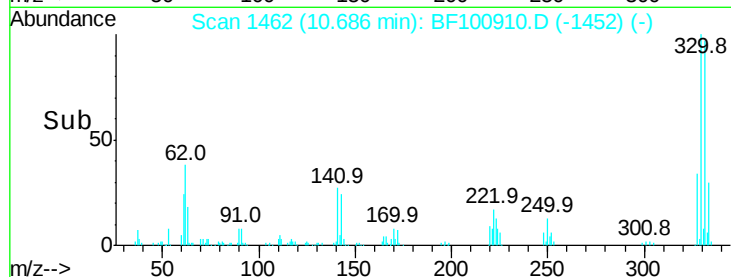
#66
4-Bromophenyl-phenylether
Concen: 3.944 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.24 min
Lab File: BF100910.D
Acq: 28 Nov 2017 00:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 8939
Ion Ratio Lower Upper
248 100
250 207.1 76.9 115.3#
141 445.7 74.4 111.6#

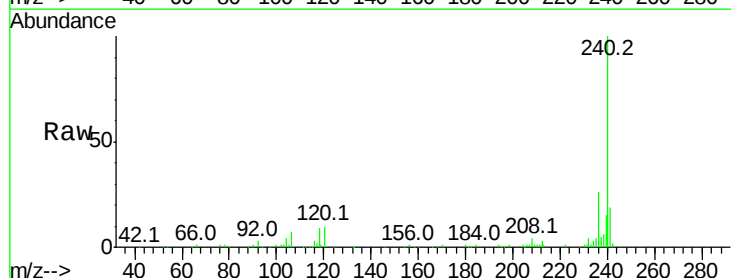


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

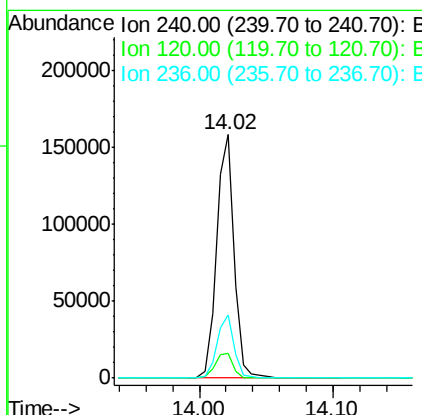
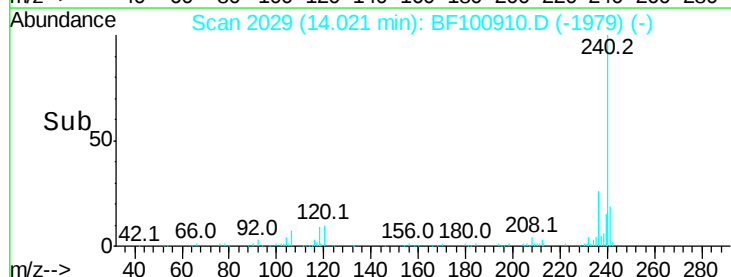


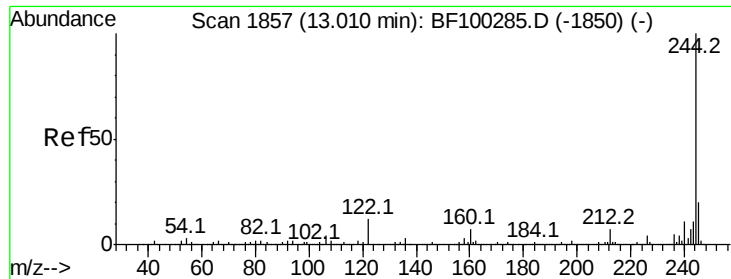
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100910.D
Acq: 28 Nov 2017 00:13

Tgt Ion:240 Resp: 146333
Ion Ratio Lower Upper
240 100
120 10.0 9.5 14.3
236 26.1 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: 101.849 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF100910.D

Acq: 28 Nov 2017 00:13

Instrument :

BNA_F

ClientSampled :

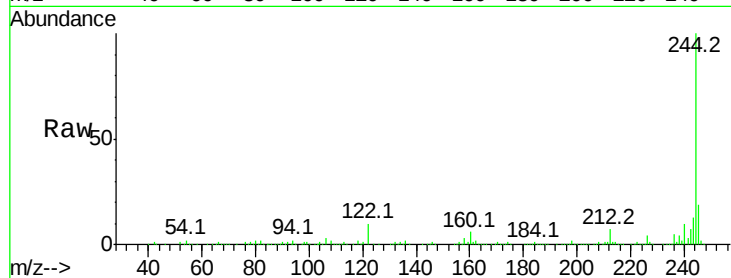
Tot Ion:244 Resp: 648642

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

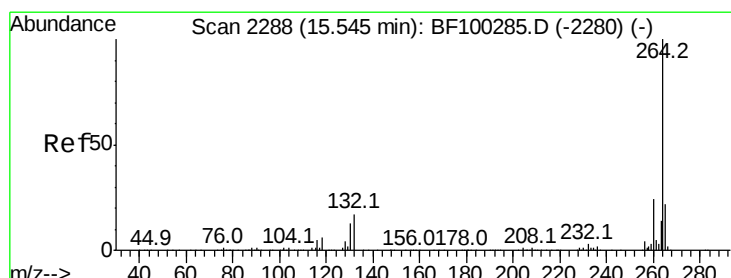
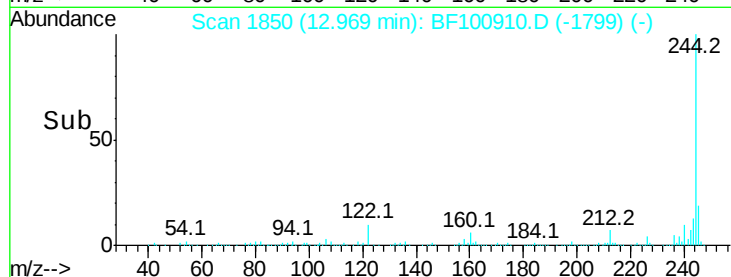
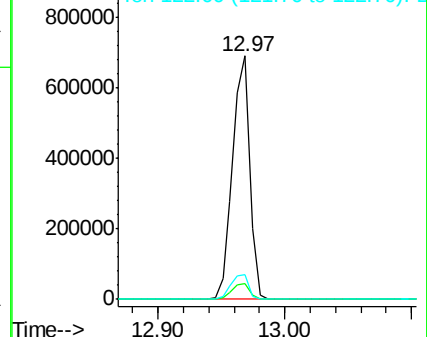
122 10.1 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF100910.D

Acq: 28 Nov 2017 00:13

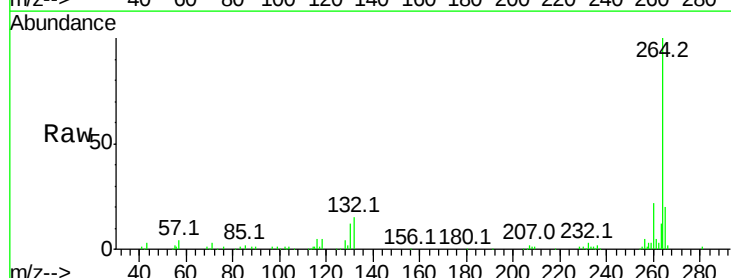
Tgt Ion:264 Resp: 122082

Ion Ratio Lower Upper

264 100

260 22.0 19.2 28.8

265 20.0 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

