

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
 Data File : BF100938.D
 Acq On : 28 Nov 2017 17:12
 Operator : SJ/JU
 Sample : I6579-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 29 00:38:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 15:21:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	67464	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	261015	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	112542	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	187613	20.00	ng	0.00
75) Chrysene-d12	14.02	240	155933	20.00	ng	0.00
86) Perylene-d12	15.49	264	159005	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	499373	118.65	ng	0.01
7) Phenol-d6	6.49	99	615682	118.63	ng	0.00
23) Nitrobenzene-d5	7.42	82	379015	96.00	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	143757	125.35	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	741746	100.36	ng	0.00
78) Terphenyl-d14	12.97	244	562901	82.94	ng	0.00

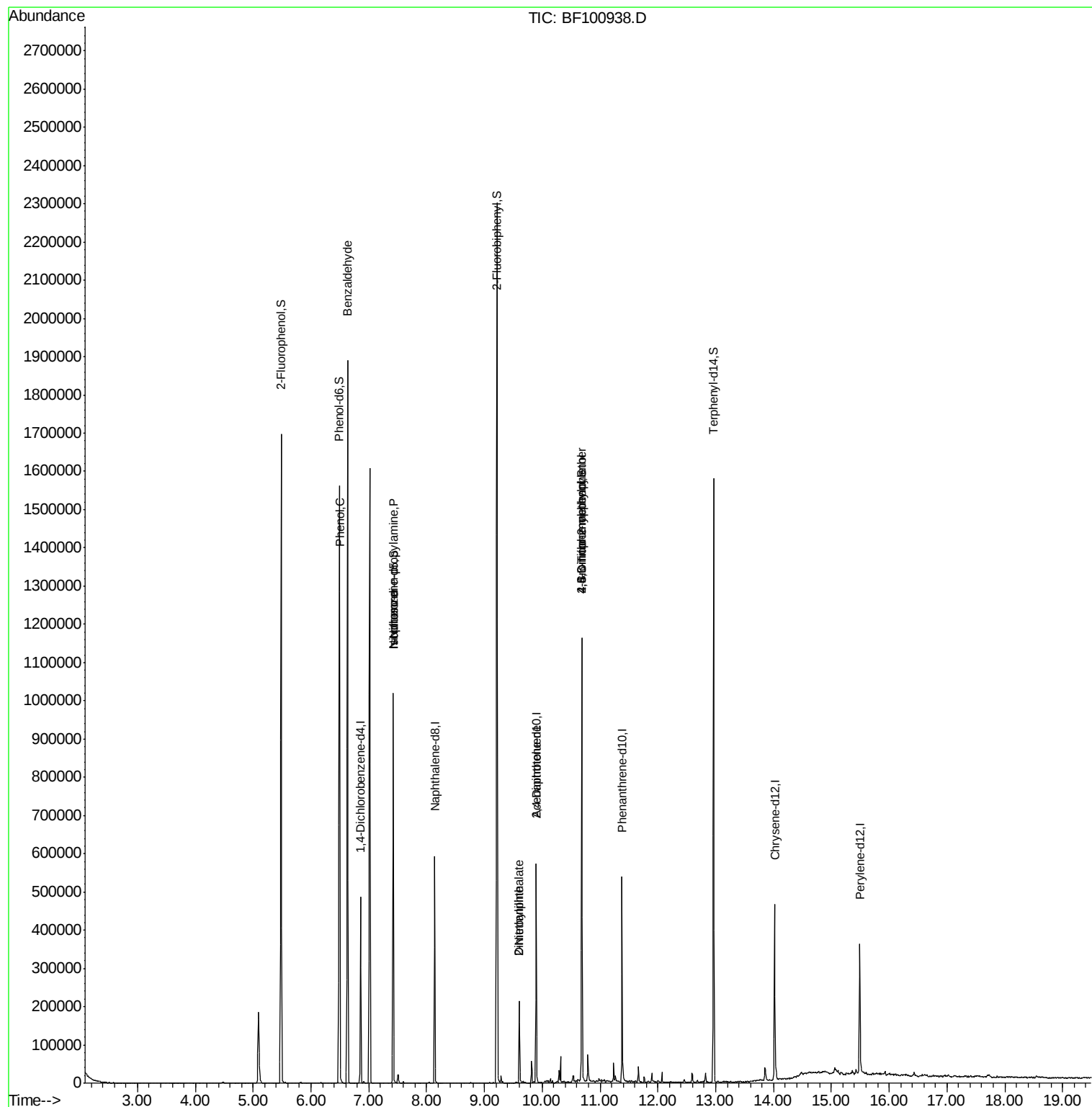
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.63	77	10983	2.963	ng	91
10) Phenol	6.50	94	24600	4.515	ng	99
19) n-Nitroso-di-n-propylamine	7.43	70	50987	14.166	ng	# 75
25) Isophorone	7.42	82	379009	45.684	ng	# 64
47) 2-Nitroaniline	9.60	65	751	3.123	ng	# 1
49) Dimethylphthalate	9.60	163	85342	9.932	ng	99
56) 2,4-Dinitrotoluene	9.89	165	14005	6.527	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.69	198	141	8.692	ng	# 3
66) 4-Bromophenyl-phenylether	10.69	248	9539	4.743	ng	# 1

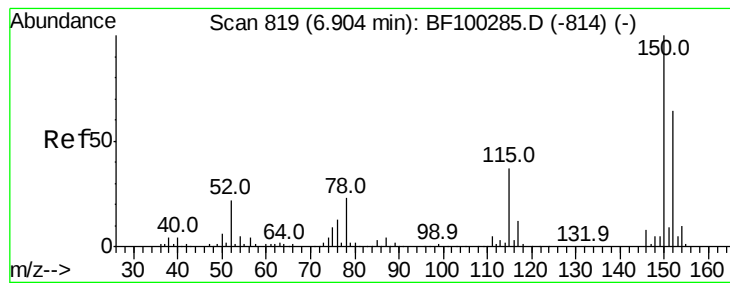
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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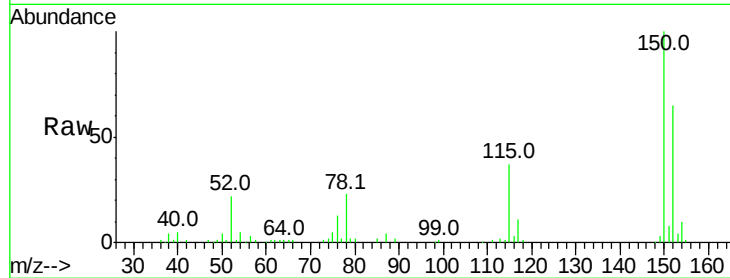


#1

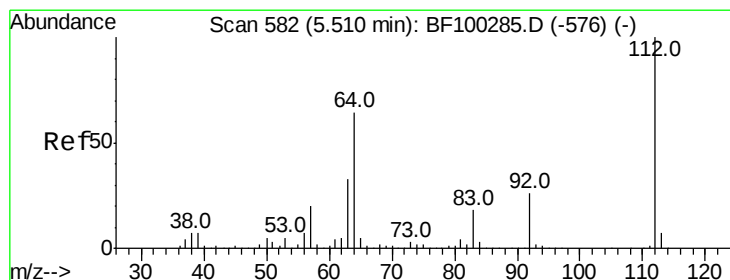
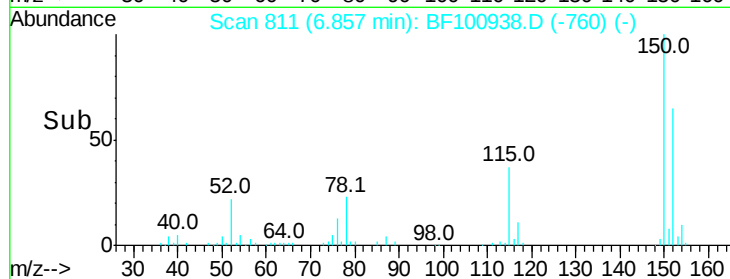
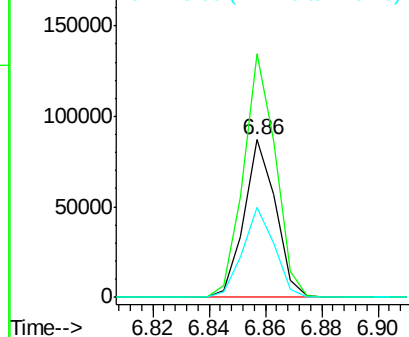
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF100938.D
Acq: 28 Nov 2017 17:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 67464
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 57.4 50.1 75.1



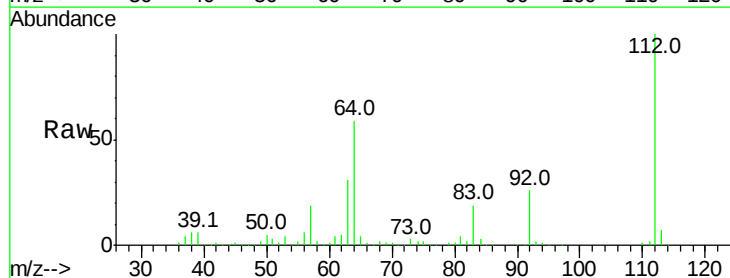
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



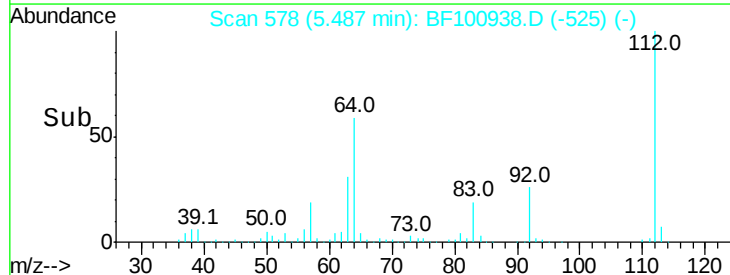
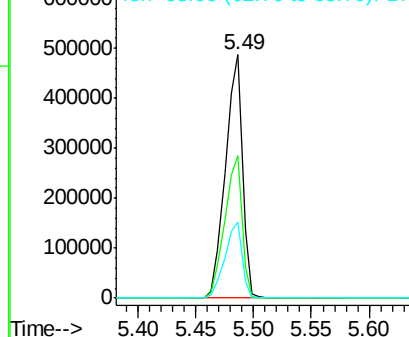
#5

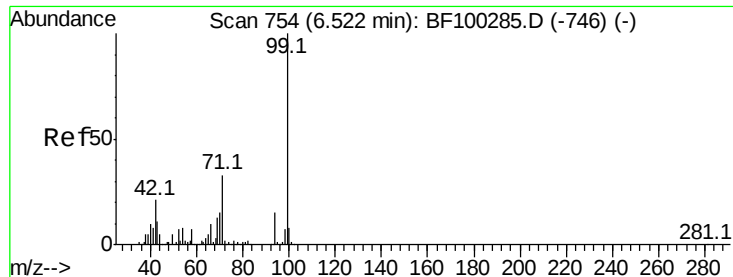
2-Fluorophenol
Concen: 118.654 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF100938.D
Acq: 28 Nov 2017 17:12

Tgt Ion:112 Resp: 499373
Ion Ratio Lower Upper
112 100
64 58.7 47.9 71.9
63 31.0 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: 118.633 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF100938.D

Acq: 28 Nov 2017 17:12

Instrument :

BNA_F

ClientSampleId :

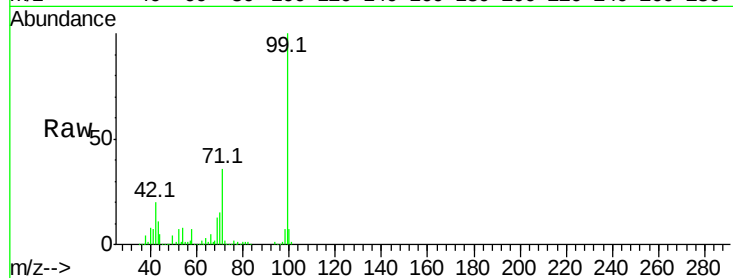
Tot Ion: 99 Resp: 615682

Ion Ratio Lower Upper

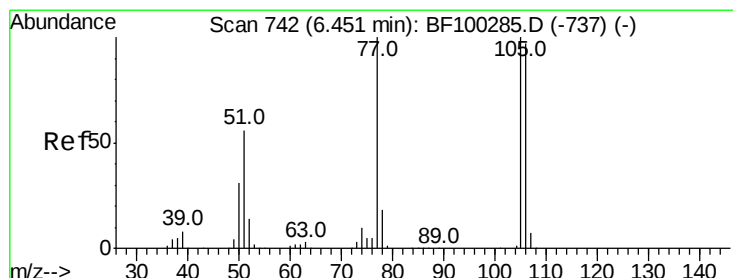
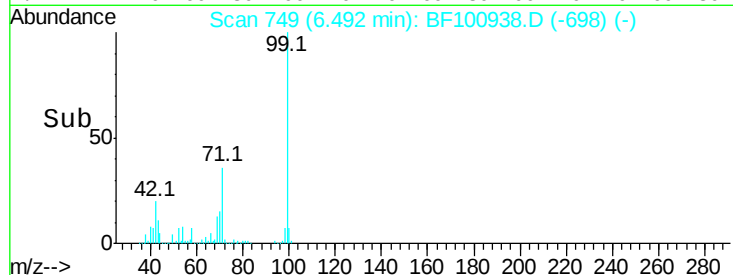
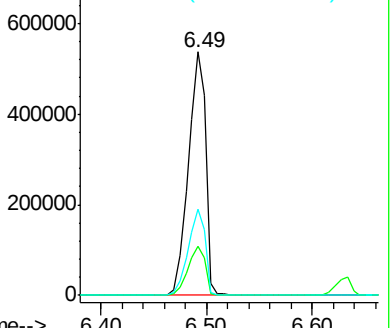
99 100

42 20.3 14.5 21.7

71 35.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 2.963 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.22 min

Lab File: BF100938.D

Acq: 28 Nov 2017 17:12

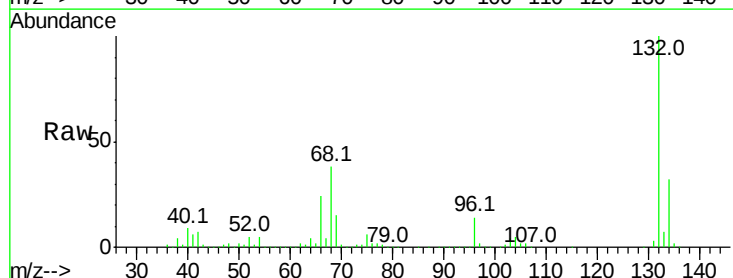
Tgt Ion: 77 Resp: 10983

Ion Ratio Lower Upper

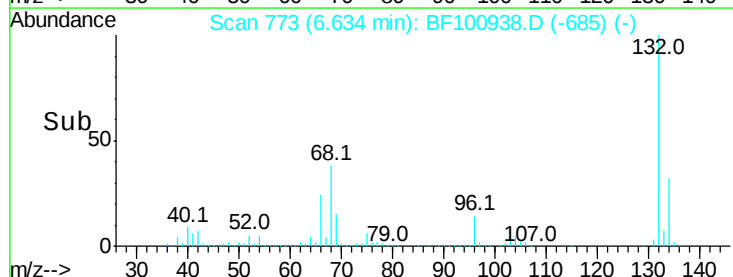
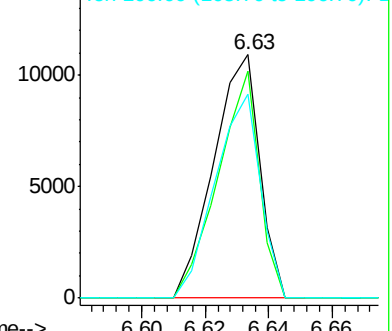
77 100

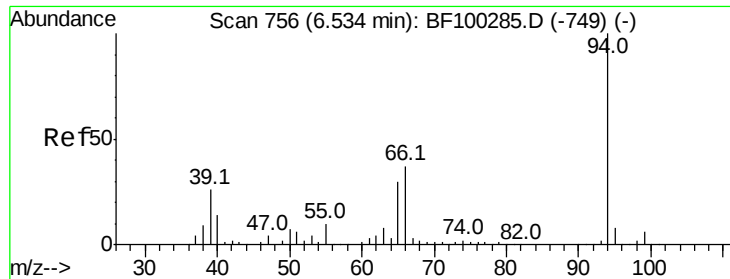
105 93.4 81.1 121.1

106 84.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 4.515 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF100938.D

Acq: 28 Nov 2017 17:12

Instrument :
BNA_F
ClientSampled :

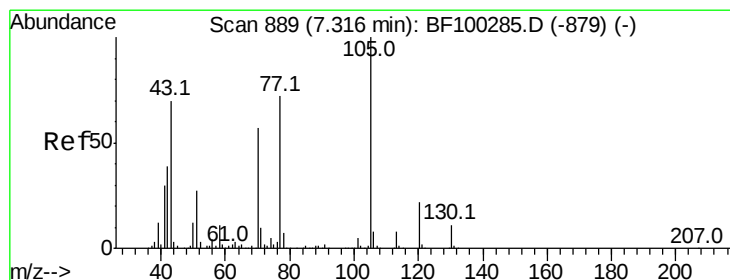
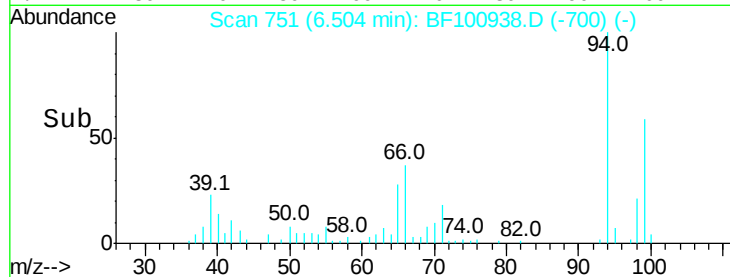
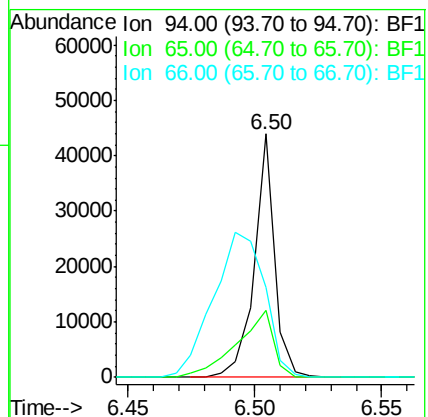
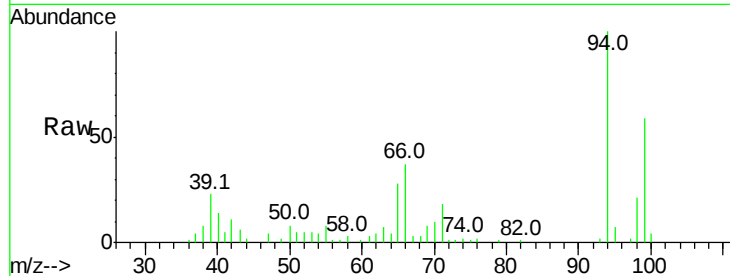
Tot Ion: 94 Resp: 24600

Ion Ratio Lower Upper

94 100

65 27.8 7.9 47.9

66 36.9 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 14.166 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.15 min

Lab File: BF100938.D

Acq: 28 Nov 2017 17:12

Tgt Ion: 70 Resp: 50987

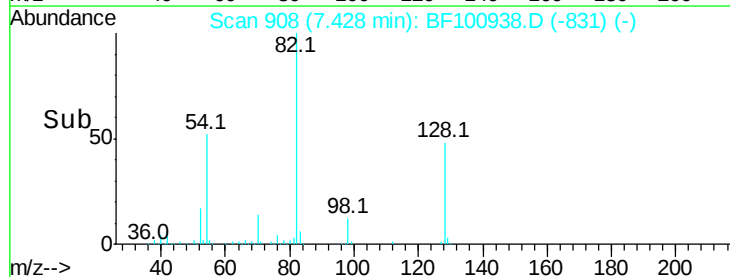
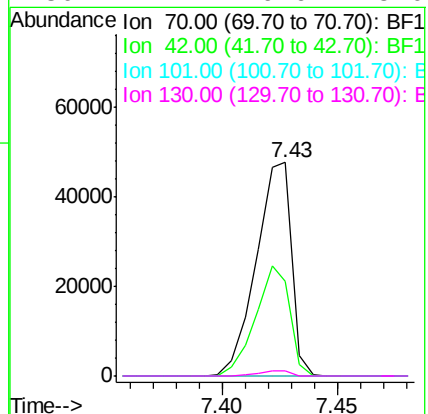
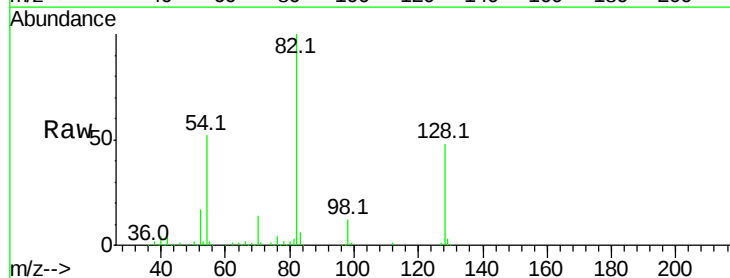
Ion Ratio Lower Upper

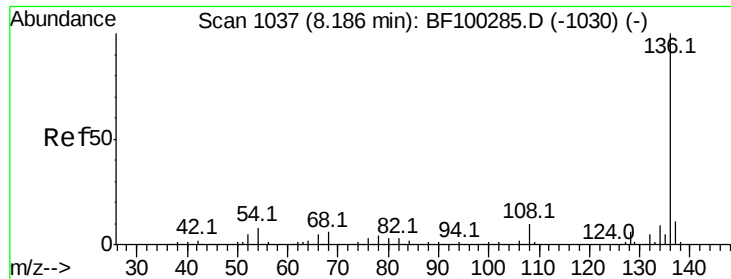
70 100

42 44.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

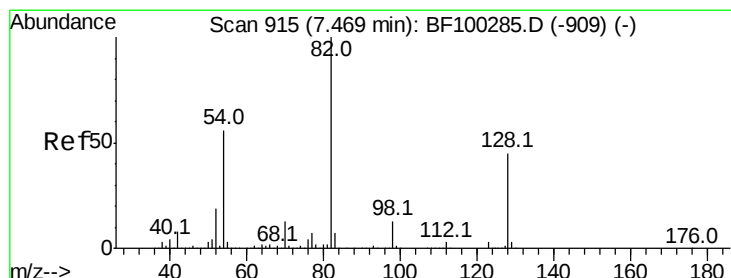
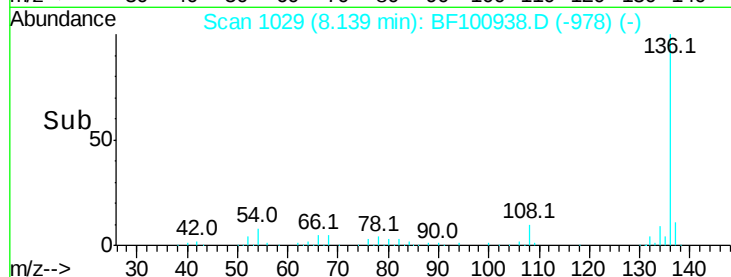
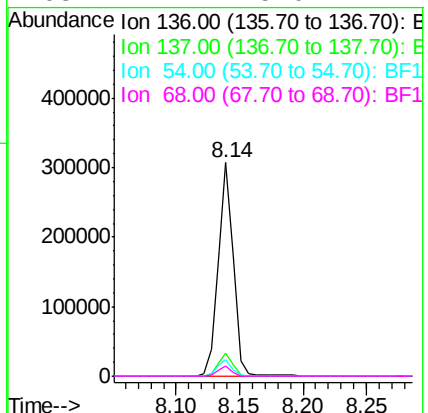
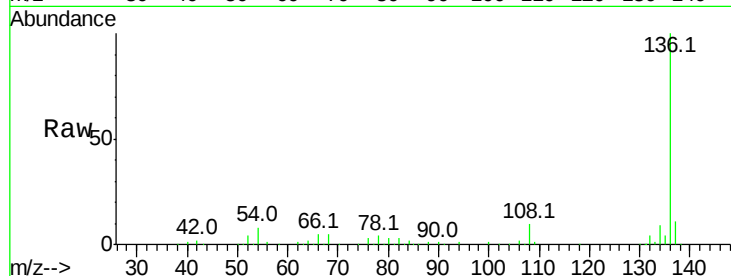




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF100938.D
Acq: 28 Nov 2017 17:12

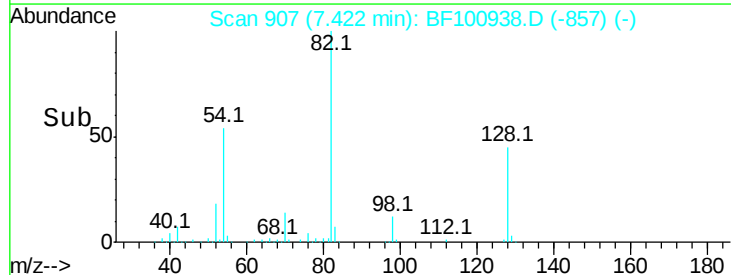
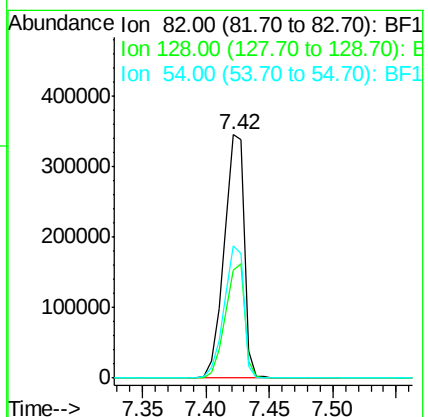
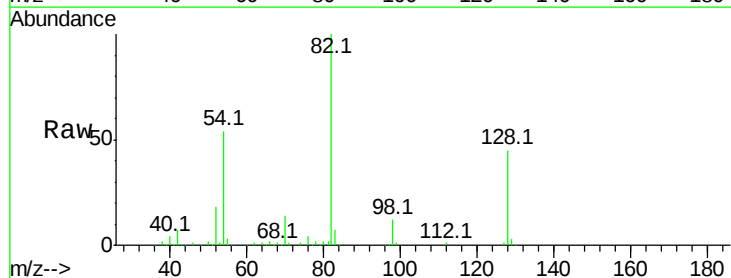
Instrument :
BNA_F
ClientSampled :

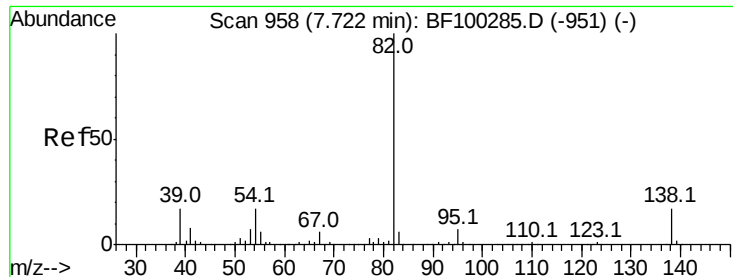
Tot Ion:	136	Resp:	261015
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.9	6.6	9.8
68	4.7	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 96.002 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF100938.D
Acq: 28 Nov 2017 17:12

Tgt Ion:	82	Resp:	379015
Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	54.3	41.4	62.2





#25

Isophorone

Concen: 45.684 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.26 min

Lab File: BF100938.D

Acq: 28 Nov 2017 17:12

Instrument :

BNA_F

ClientSampled :

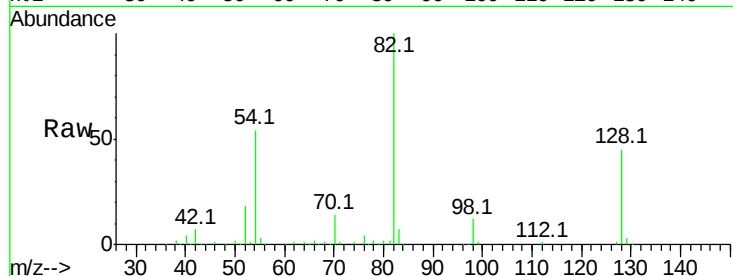
Tot Ion: 82 Resp: 379009

Ion Ratio Lower Upper

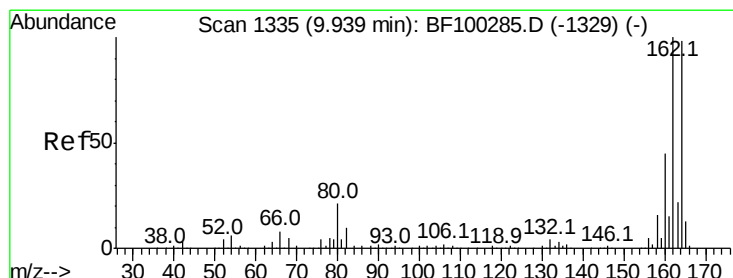
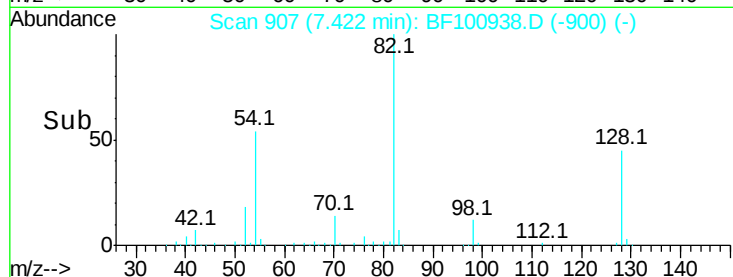
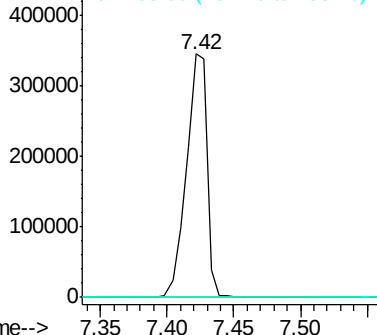
82 100

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: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF100938.D

Acq: 28 Nov 2017 17:12

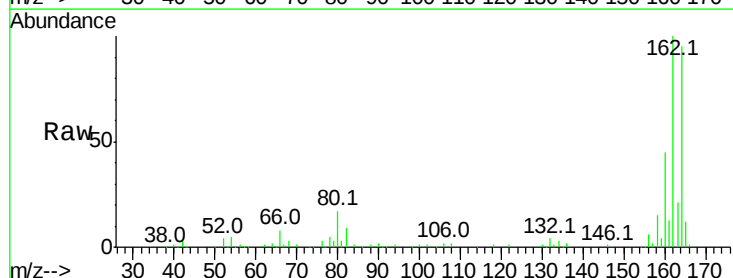
Tgt Ion:164 Resp: 112542

Ion Ratio Lower Upper

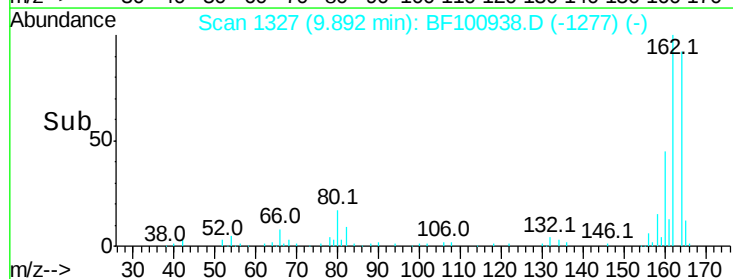
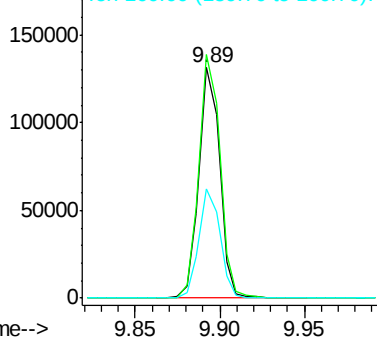
164 100

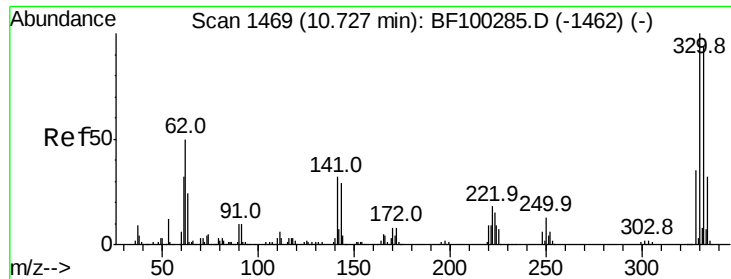
162 105.7 86.1 129.1

160 47.4 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

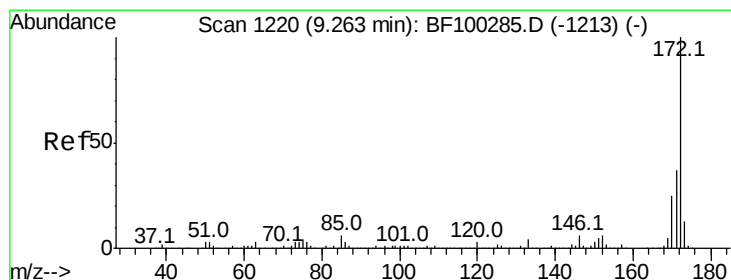
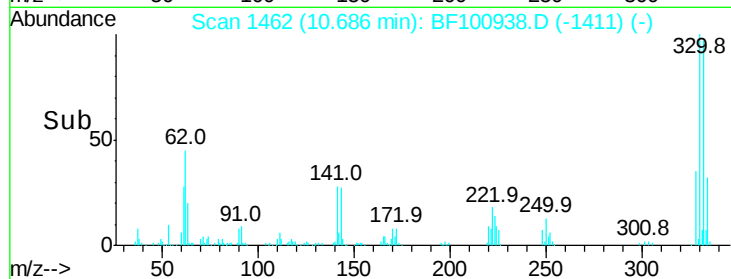
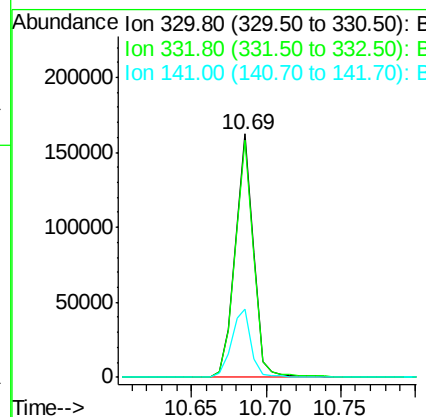
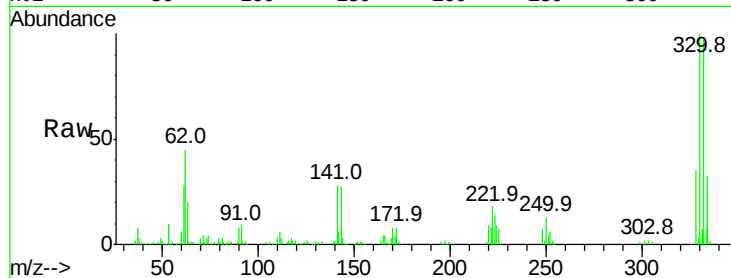




#41
 2,4,6-Tribromophenol
 Concen: 125.355 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: BF100938.D
 Acq: 28 Nov 2017 17:12

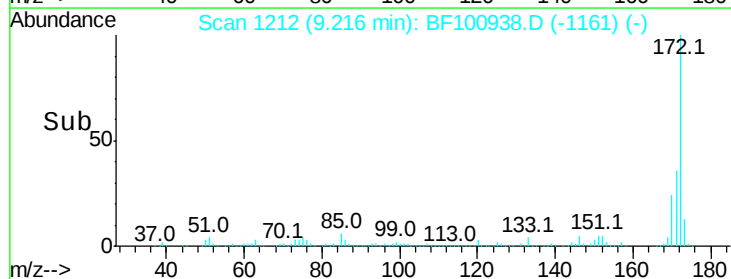
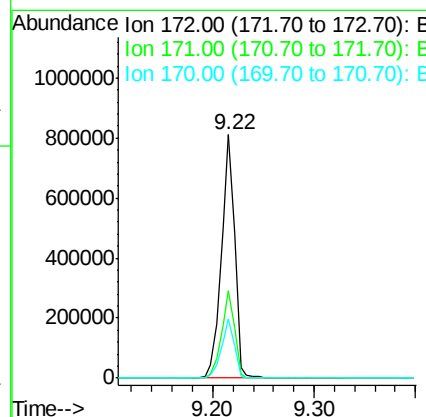
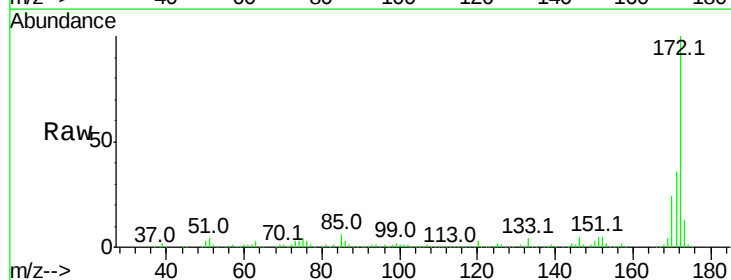
Instrument :
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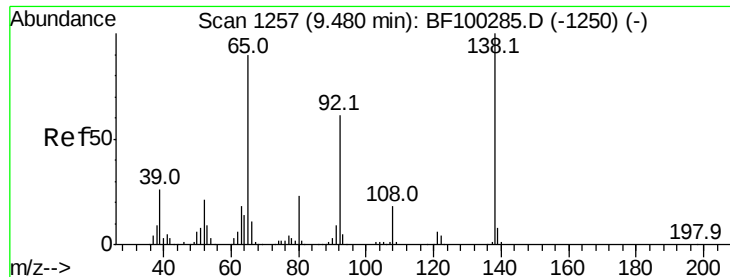
Tot Ion:330 Resp: 143757
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.0 115.6
 141 29.9 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 100.359 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF100938.D
 Acq: 28 Nov 2017 17:12

Tgt Ion:172 Resp: 741746
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 24.4 19.6 29.4

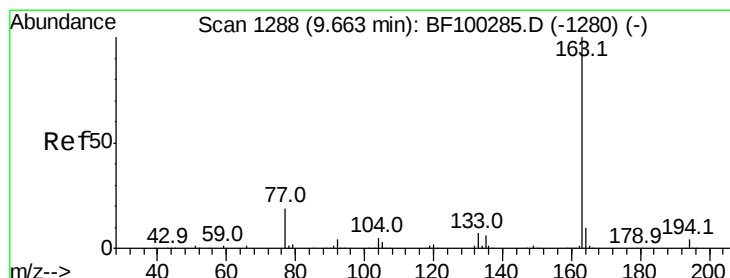
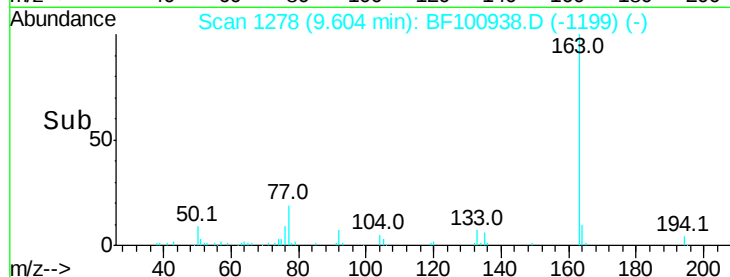
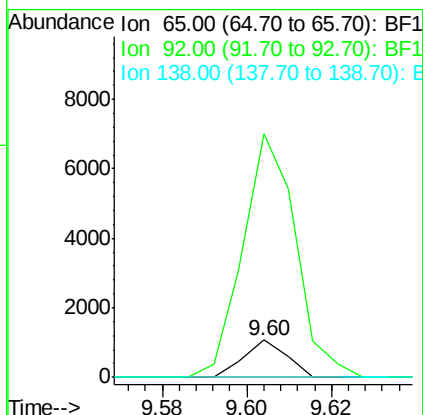
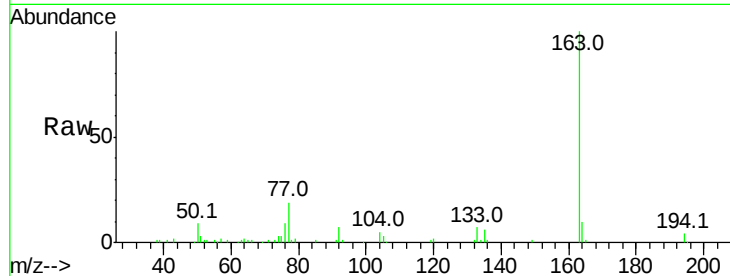




#47
2-Nitroaniline
Concen: 3.123 ng
RT: 9.60 min Scan# 1278
Delta R.T. 0.16 min
Lab File: BF100938.D
Acq: 28 Nov 2017 17:12

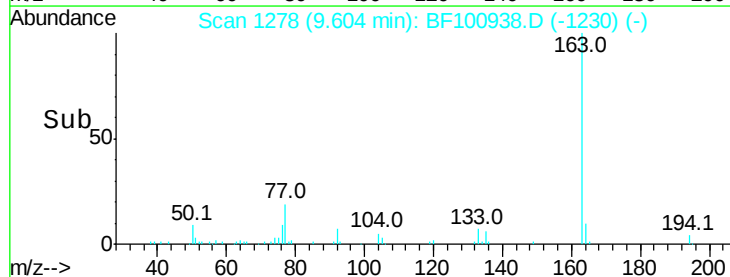
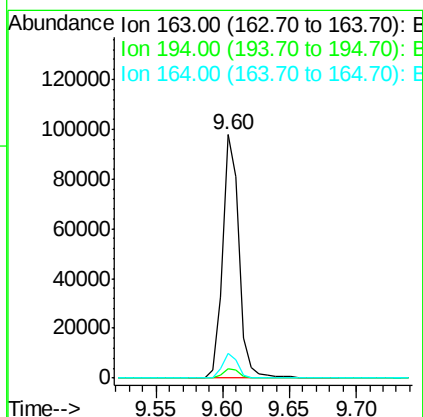
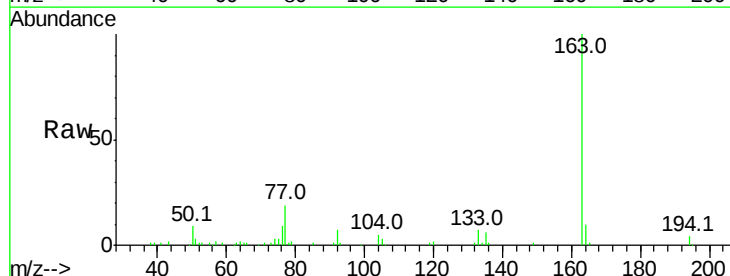
Instrument :
BNA_F
ClientSampleId :

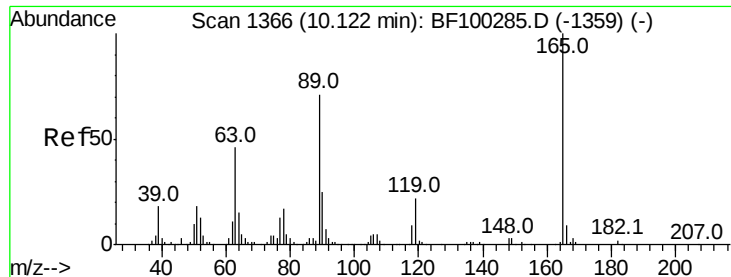
Tot Ion: 65 Resp: 751
Ion Ratio Lower Upper
65 100
92 649.4 55.8 83.6#
138 0.0 91.2 136.8#



#49
Dimethylphthalate
Concen: 9.932 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF100938.D
Acq: 28 Nov 2017 17:12

Tgt Ion:163 Resp: 85342
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.0 8.2 12.2

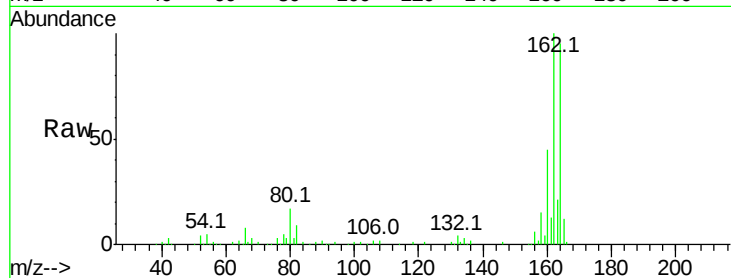




#56
 2,4-Dinitrotoluene
 Concen: 6.527 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF100938.D
 Acq: 28 Nov 2017 17:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	165	Resp:	14005
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#

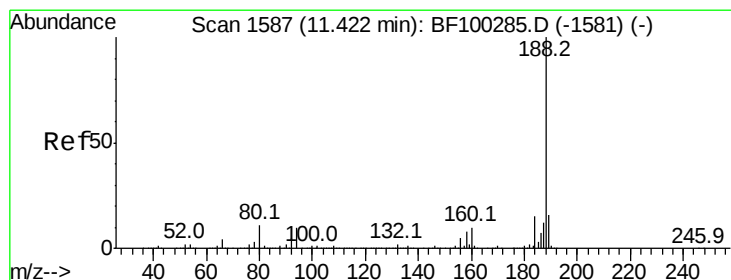
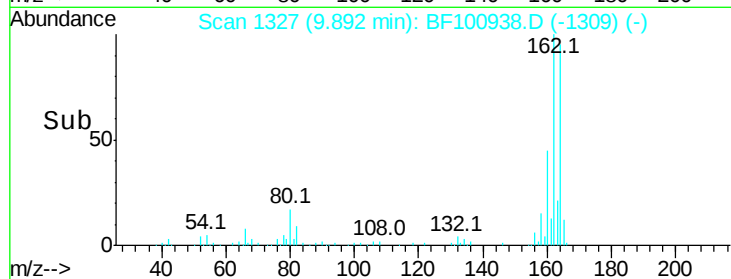
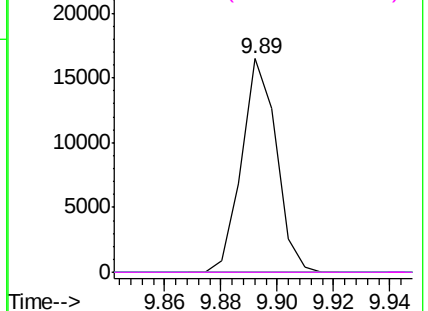


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

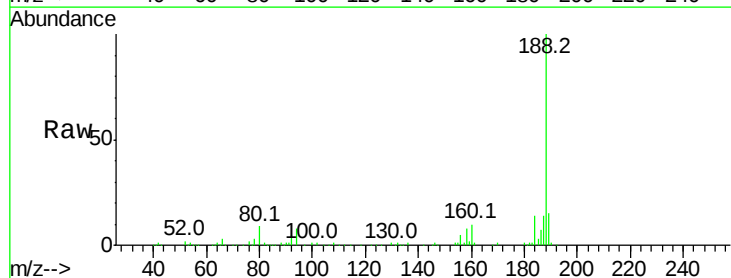
Ion 89.00 (88.70 to 89.70): BF1

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. -0.00 min
 Lab File: BF100938.D
 Acq: 28 Nov 2017 17:12

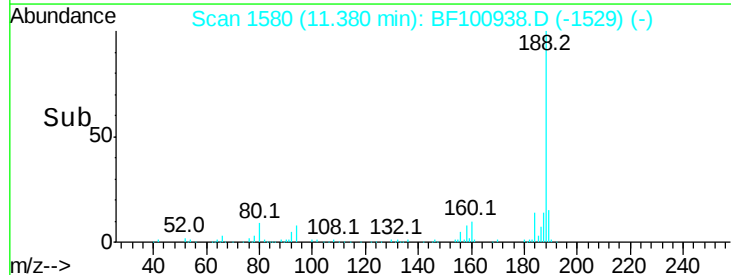
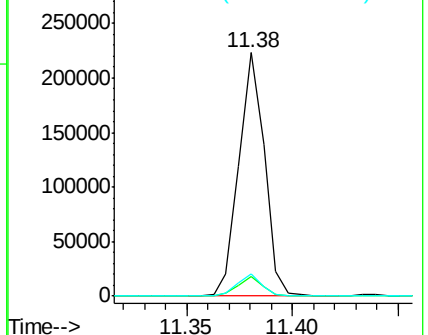
Tgt Ion:	188	Resp:	187613
Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.5	12.7#
80	8.9	9.2	13.8#

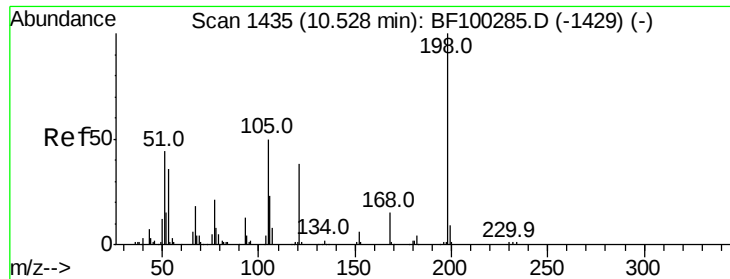


Abundance Ion 188.00 (187.70 to 188.70): E

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: 8.692 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.19 min

Lab File: BF100938.D

Acq: 28 Nov 2017 17:12

Instrument :

BNA_F

ClientSampleId :

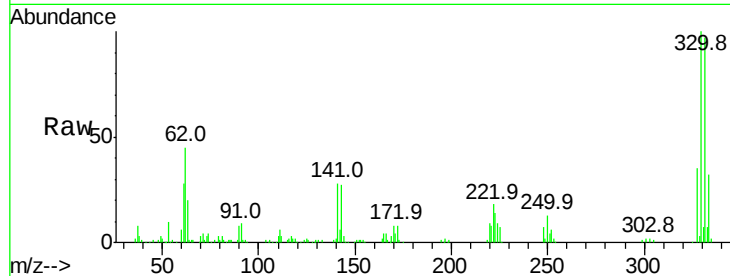
Tot Ion:198 Resp: 141

Ion Ratio Lower Upper

198 100

51 106.8 37.7 77.7#

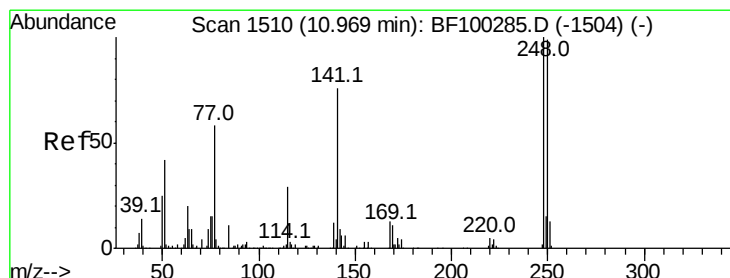
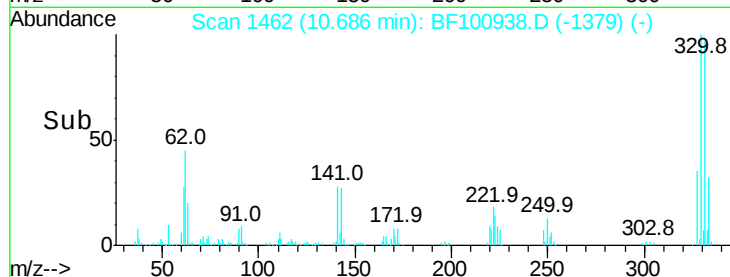
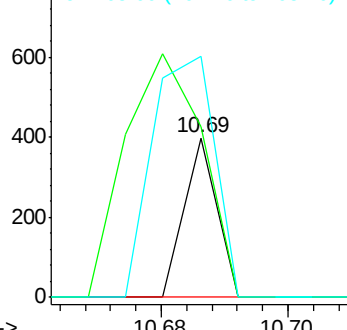
105 150.6 36.3 76.3#



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: 4.743 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.24 min

Lab File: BF100938.D

Acq: 28 Nov 2017 17:12

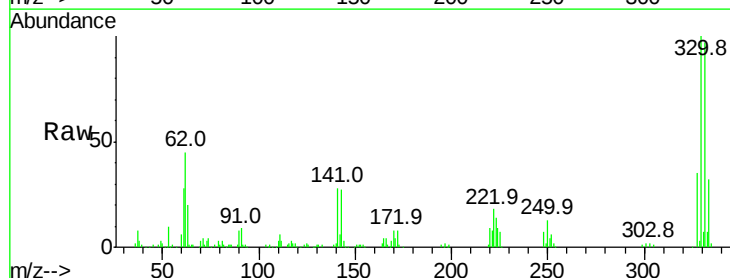
Tgt Ion:248 Resp: 9539

Ion Ratio Lower Upper

248 100

250 189.8 76.9 115.3#

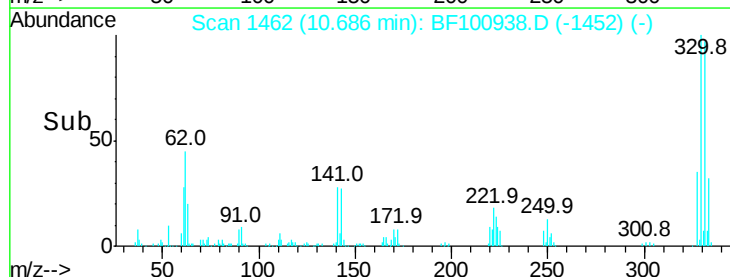
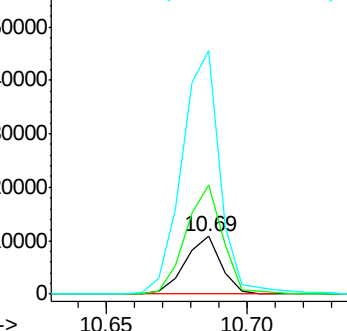
141 422.0 74.4 111.6#

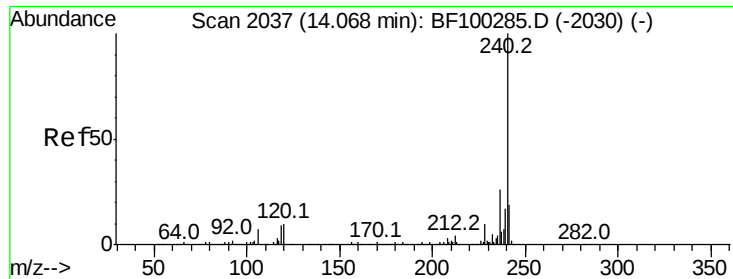


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF100938.D

Acq: 28 Nov 2017 17:12

Instrument :

BNA_F

ClientSampleId :

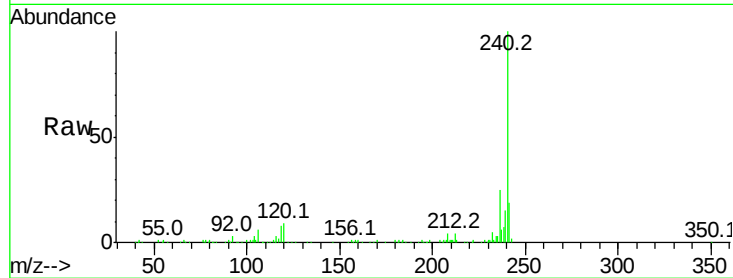
Tot Ion:240 Resp: 155933

Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

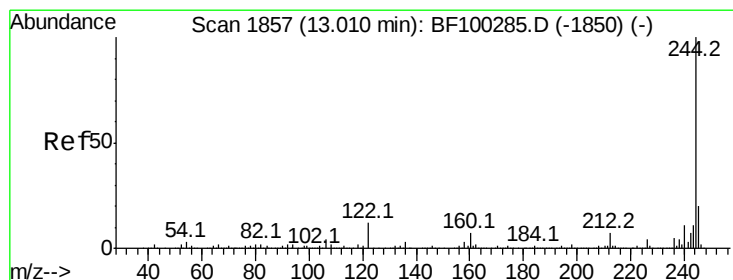
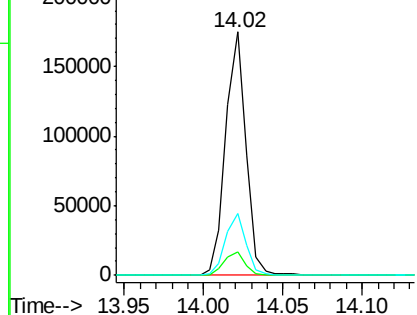
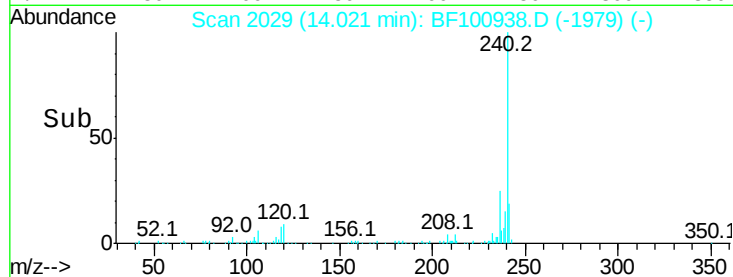
236 25.3 20.7 31.1



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: 82.945 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BF100938.D

Acq: 28 Nov 2017 17:12

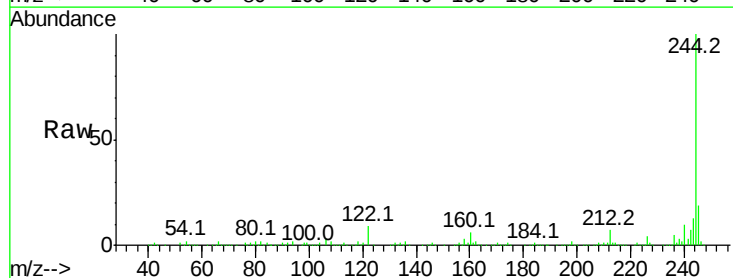
Tgt Ion:244 Resp: 562901

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

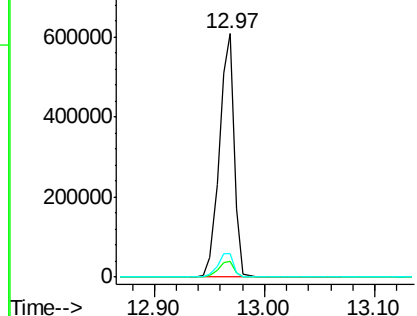
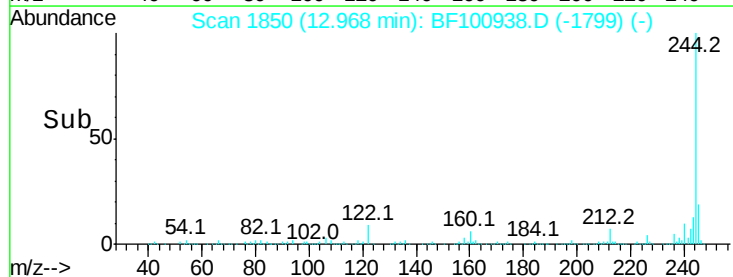
122 9.4 11.0 16.4#

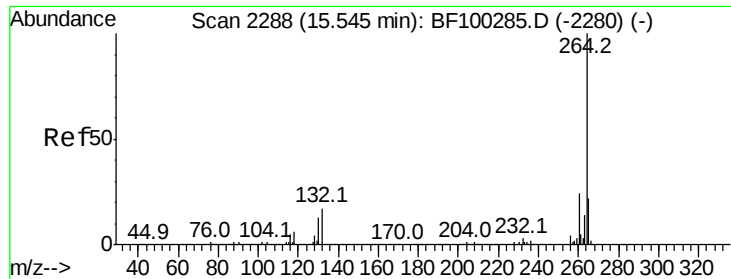


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

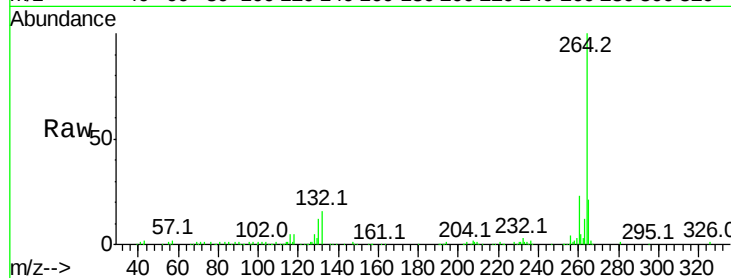




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BF100938.D
Acq: 28 Nov 2017 17:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.0	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

