

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032018\
 Data File : BF103833.D
 Acq On : 21 Mar 2018 6:02
 Operator : JU/SJ
 Sample : J1975-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 21 06:51:01 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	161521	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	636080	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	276259	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	430241	20.00	ng	0.00
75) Chrysene-d12	14.16	240	311718	20.00	ng	0.00
86) Perylene-d12	15.69	264	260934	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	878764	82.75	ng	0.01
7) Phenol-d6	6.59	99	1101141	84.75	ng	0.00
23) Nitrobenzene-d5	7.53	82	681268	74.69	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	217309	91.49	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1183611	68.34	ng	0.00
78) Terphenyl-d14	13.09	244	936013	69.70	ng	0.00

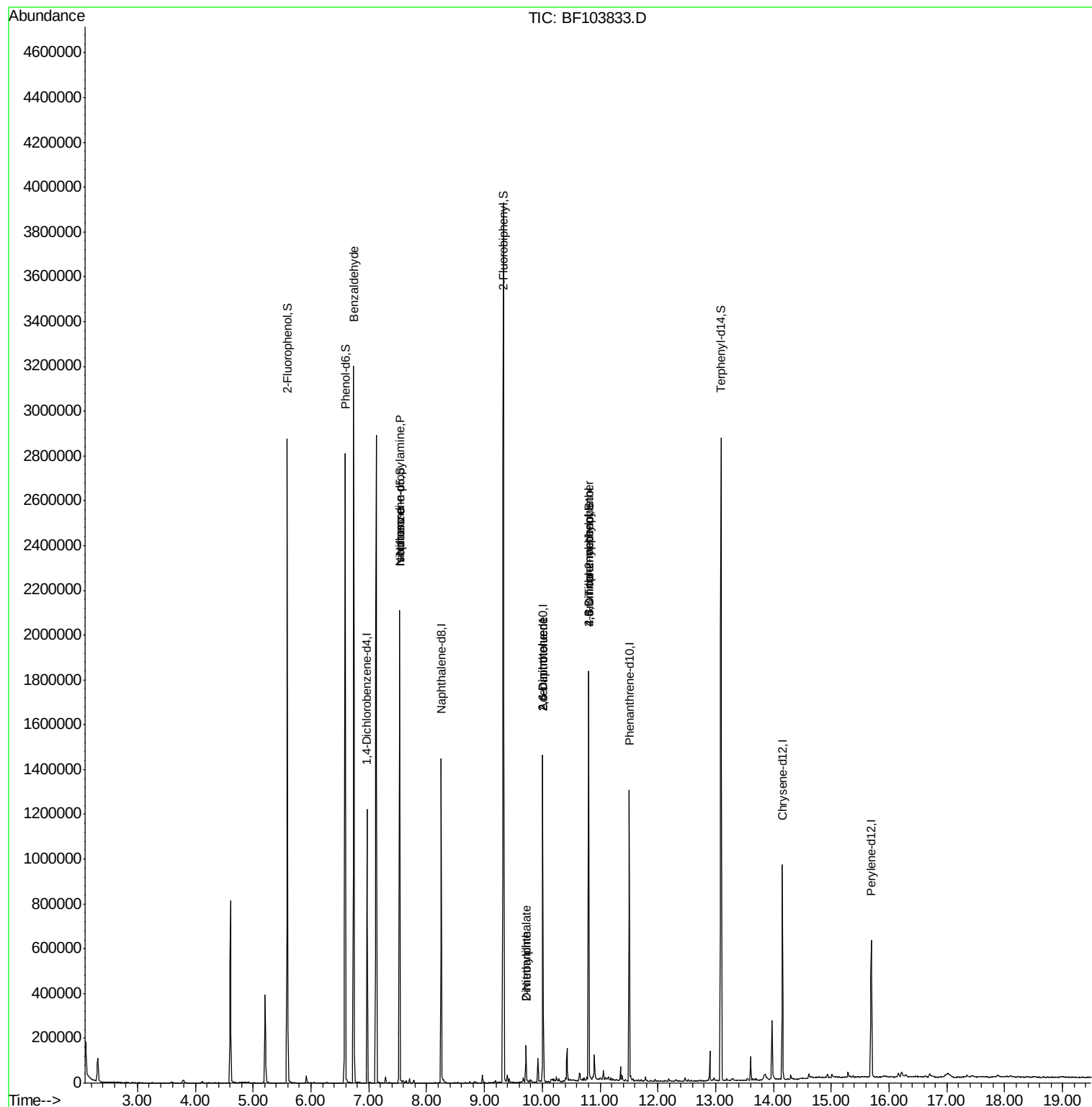
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.74	77	18902	2.215	ng	82
19) n-Nitroso-di-n-propylamine	7.53	70	88701	10.653	ng	# 72
25) Isophorone	7.53	82	681258	32.264	ng	# 64
47) 2-Nitroaniline	9.72	65	575	6.917	ng	# 1
49) Dimethylphthalate	9.72	163	53767	2.551	ng	99
50) 2,6-Dinitrotoluene	10.01	165	35481	11.964	ng	# 25
56) 2,4-Dinitrotoluene	10.01	165	35481	12.193	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	360	8.367	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	13172	2.982	ng	# 1

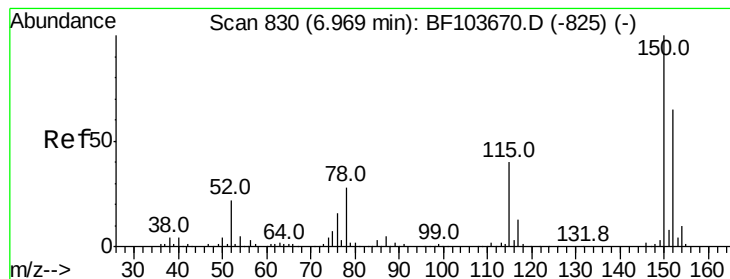
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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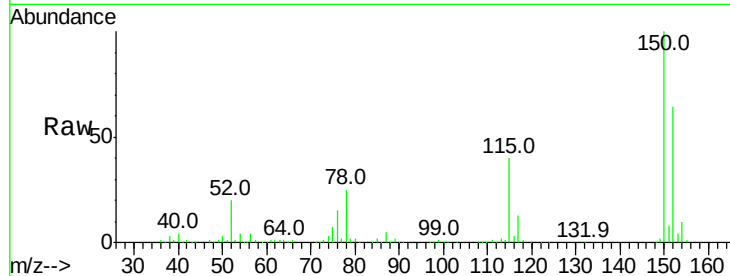


#1

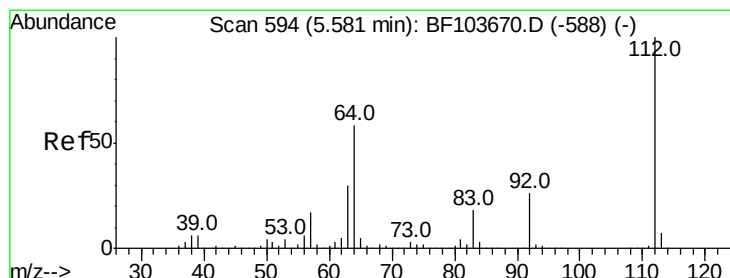
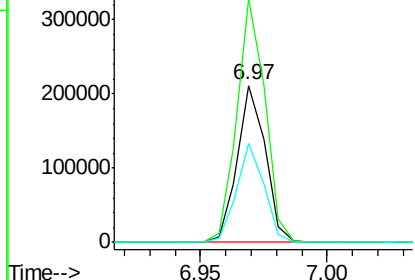
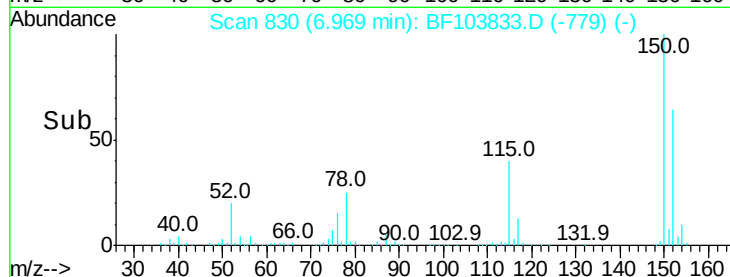
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF103833.D
Acq: 21 Mar 2018 6:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 161521
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 62.9 50.1 75.1



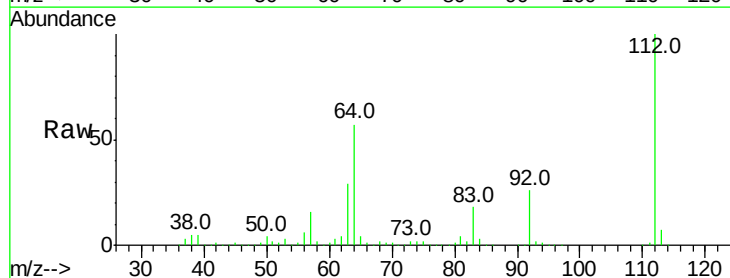
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



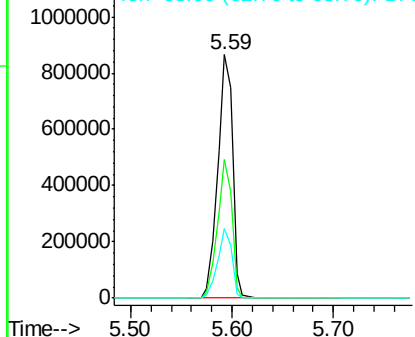
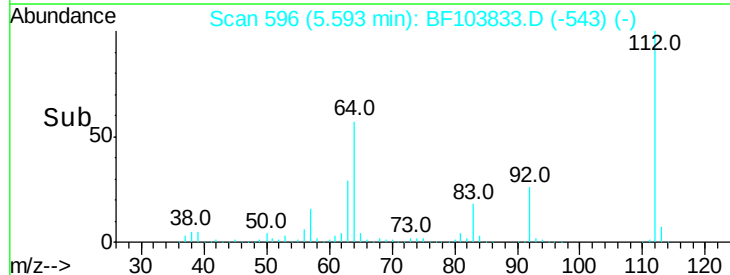
#5

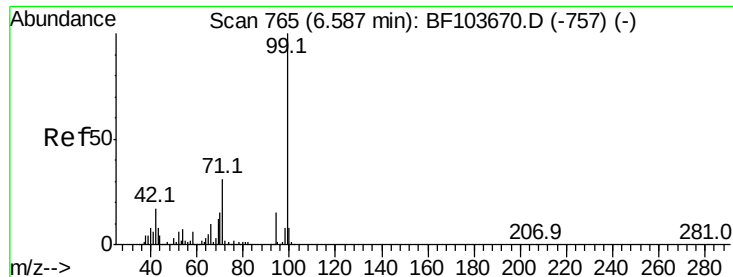
2-Fluorophenol
Concen: 82.751 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF103833.D
Acq: 21 Mar 2018 6:02

Tgt Ion:112 Resp: 878764
Ion Ratio Lower Upper
112 100
64 56.9 47.9 71.9
63 28.8 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: 84.754 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF103833.D

Acq: 21 Mar 2018 6:02

Instrument :

BNA_F

ClientSampled :

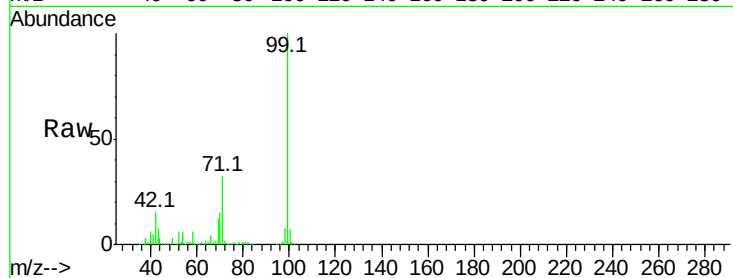
Tot Ion: 99 Resp: 1101141

Ion Ratio Lower Upper

99 100

42 15.1 14.5 21.7

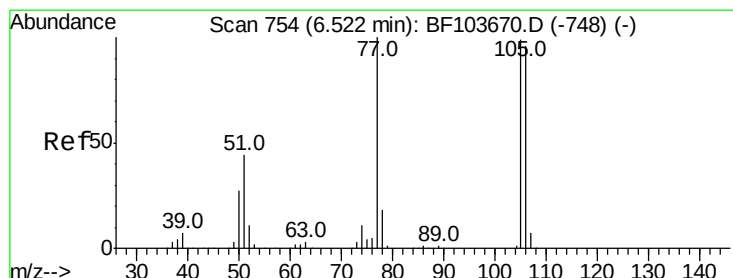
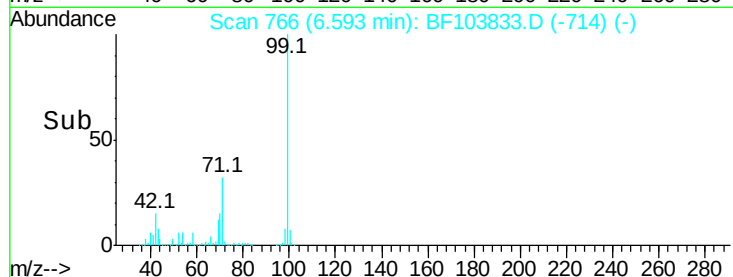
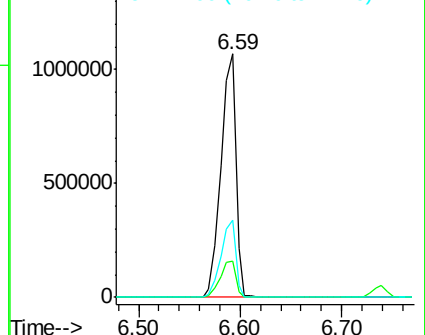
71 31.9 25.4 38.0



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: 2.215 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.22 min

Lab File: BF103833.D

Acq: 21 Mar 2018 6:02

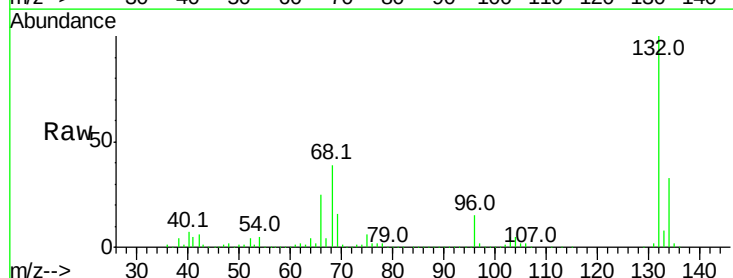
Tgt Ion: 77 Resp: 18902

Ion Ratio Lower Upper

77 100

105 83.4 81.1 121.1

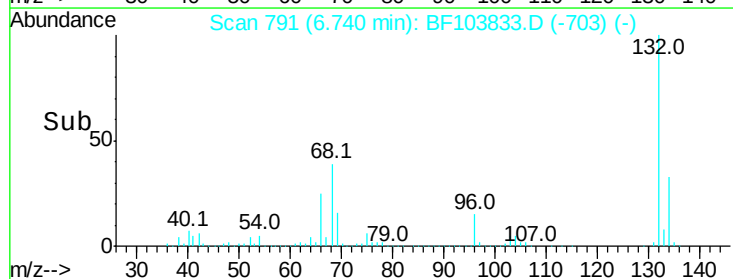
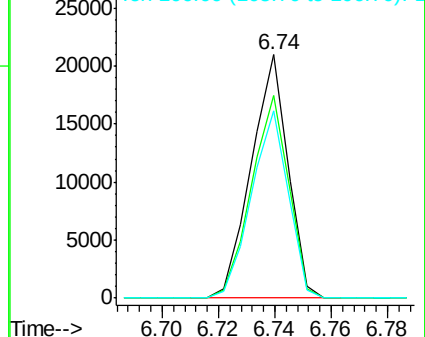
106 77.0 74.5 114.5

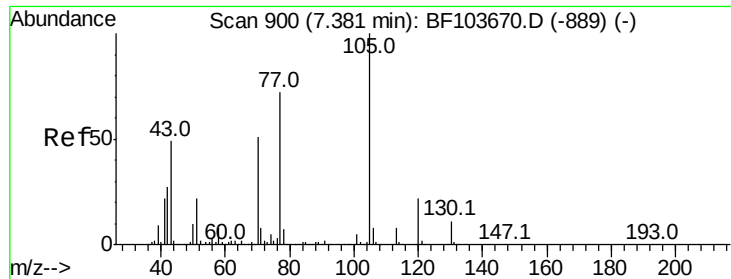


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

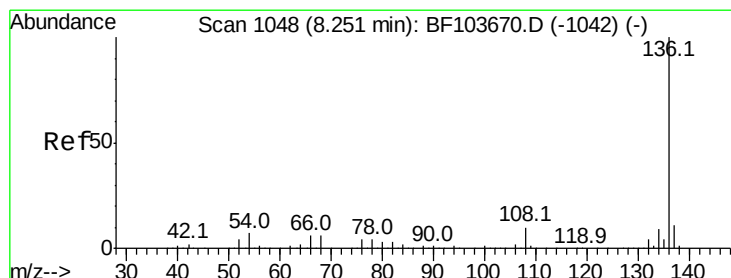
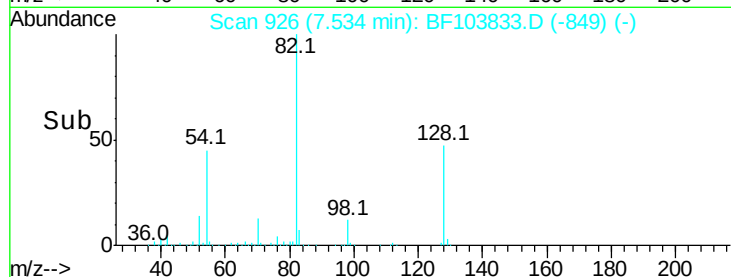
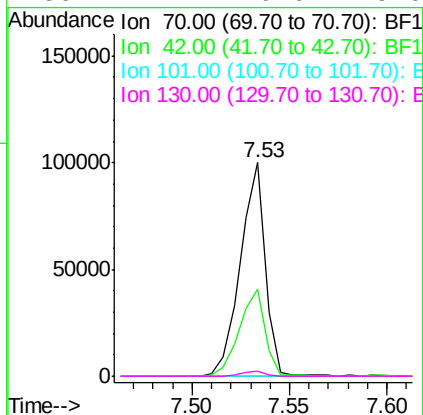
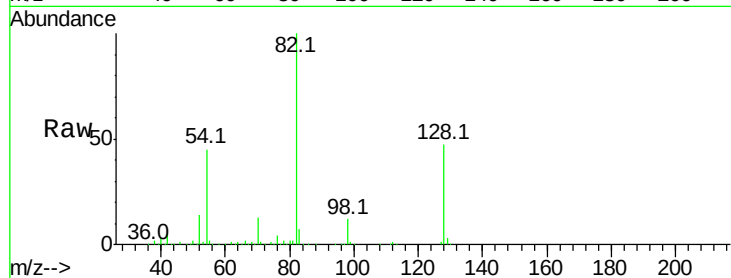




#19
n-Nitroso-di-n-propylamine
Concen: 10.653 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.15 min
Lab File: BF103833.D
Acq: 21 Mar 2018 6:02

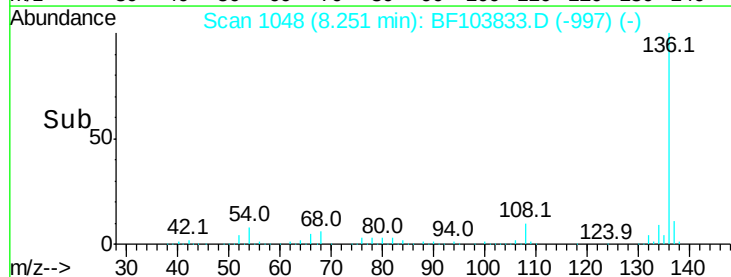
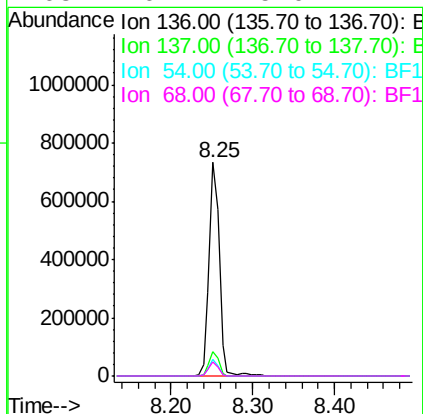
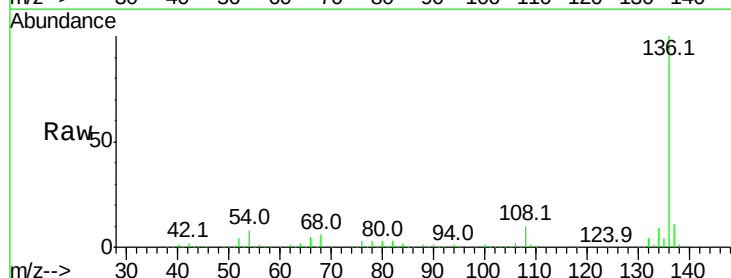
Instrument :
BNA_F
ClientSampleId :

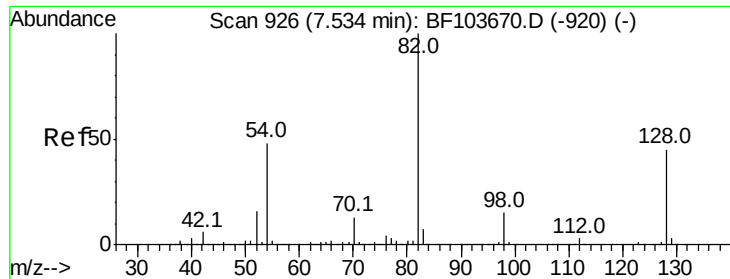
Tot Ion: 70 Resp: 88701
Ion Ratio Lower Upper
70 100
42 41.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF103833.D
Acq: 21 Mar 2018 6:02

Tgt Ion: 136 Resp: 636080
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.8 6.6 9.8
68 6.4 5.0 7.4

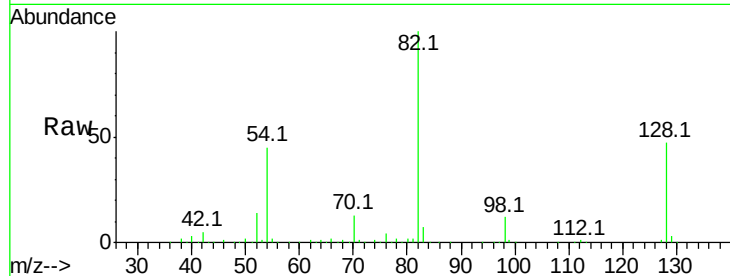




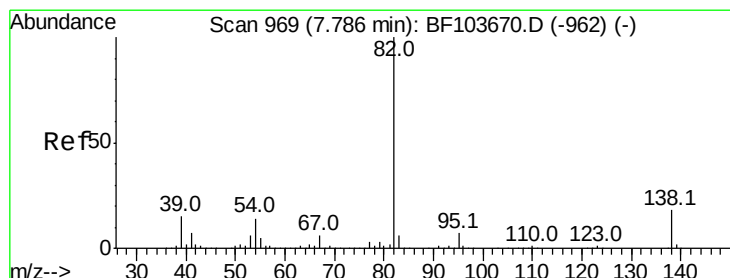
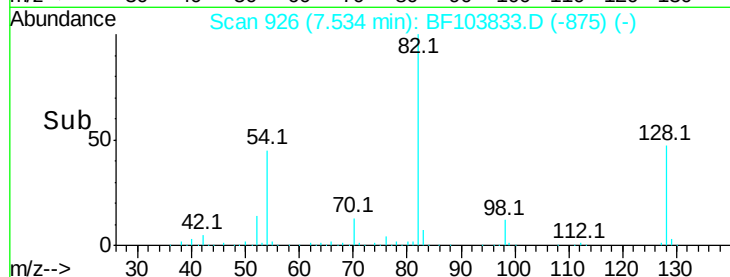
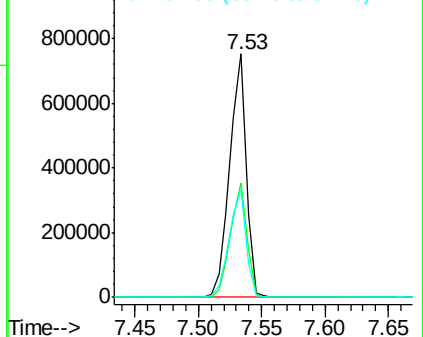
#23
 Nitrobenzene-d5
 Concen: 74.690 ng
 RT: 7.53 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: BF103833.D
 Acq: 21 Mar 2018 6:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	681268
Ion Ratio	Lower	Upper	
82	100		
128	46.9	36.1	54.1
54	44.6	41.4	62.2

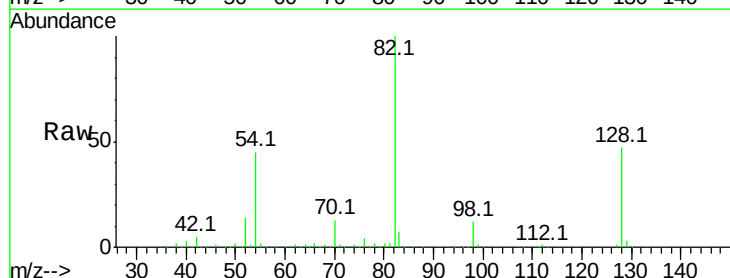


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

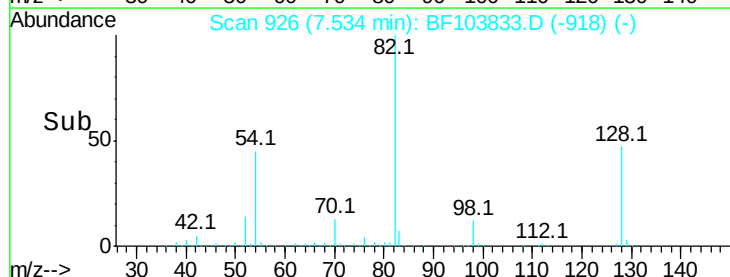
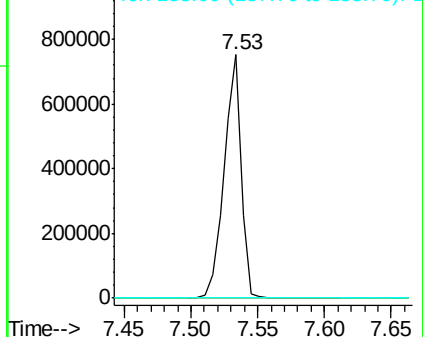


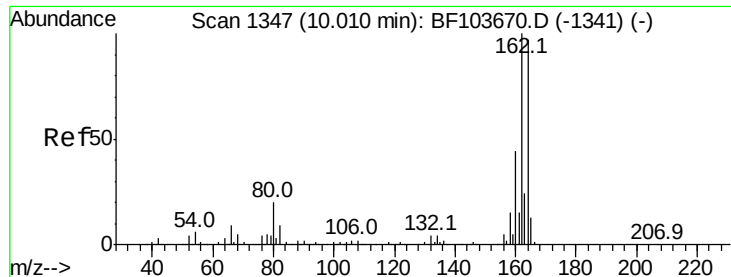
#25
 Isophorone
 Concen: 32.264 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.25 min
 Lab File: BF103833.D
 Acq: 21 Mar 2018 6:02

Tgt Ion	82	Resp	681258
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

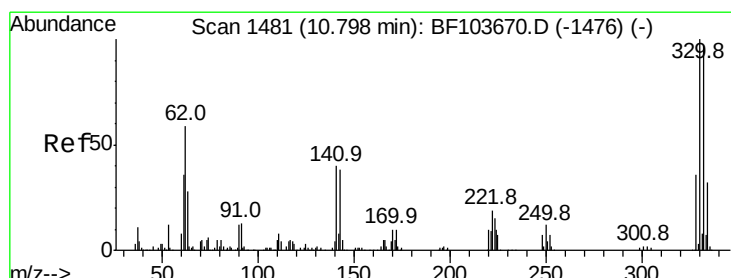
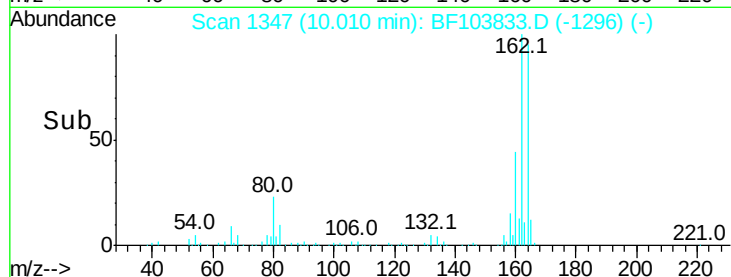
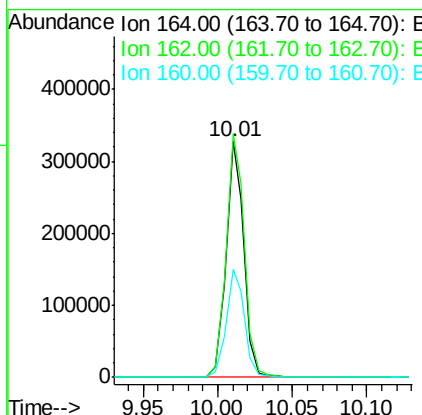
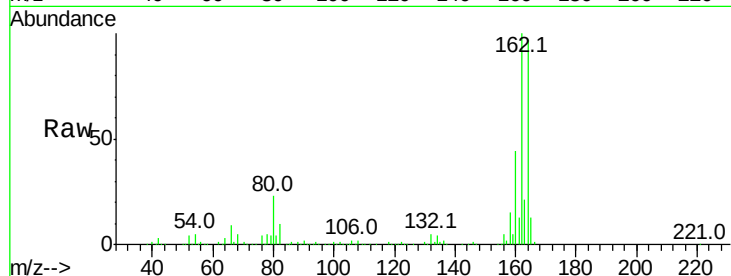




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: BF103833.D
 Acq: 21 Mar 2018 6:02

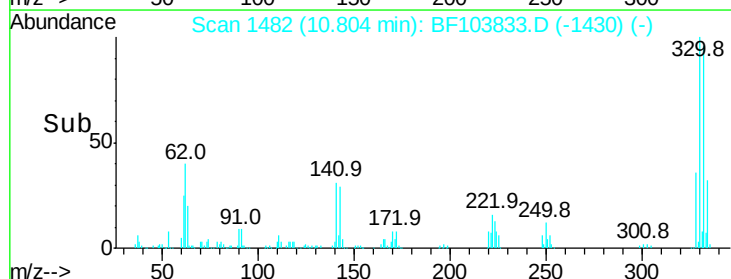
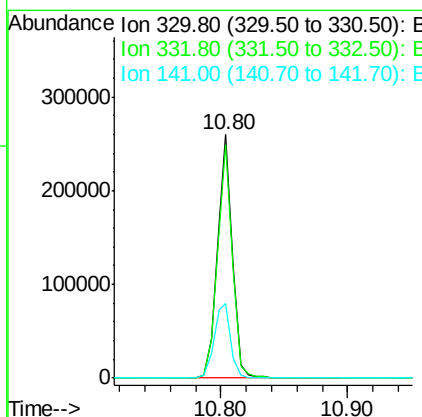
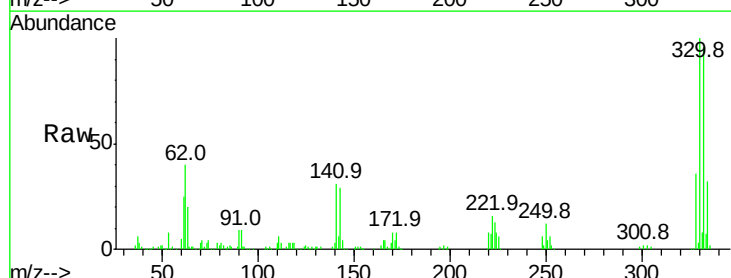
Instrument :
 BNA_F
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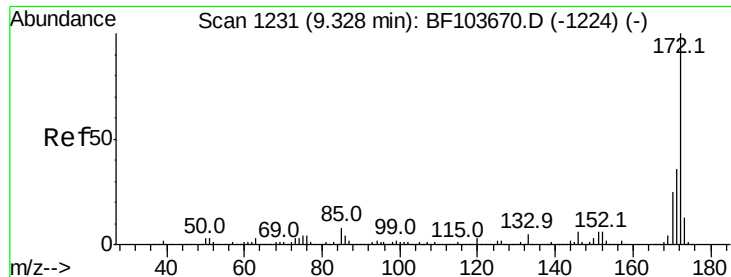
Tot Ion:164 Resp: 276259
 Ion Ratio Lower Upper
 164 100
 162 103.5 86.1 129.1
 160 45.7 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 91.487 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF103833.D
 Acq: 21 Mar 2018 6:02

Tgt Ion:330 Resp: 217309
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 33.9 29.9 44.9



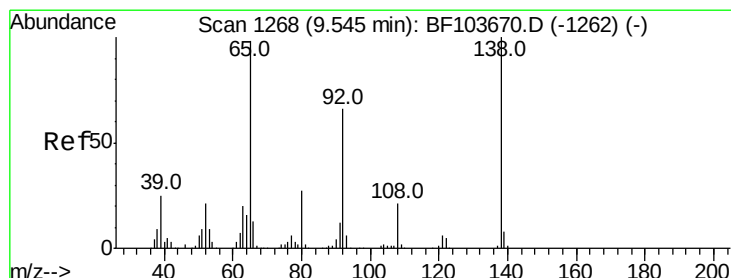
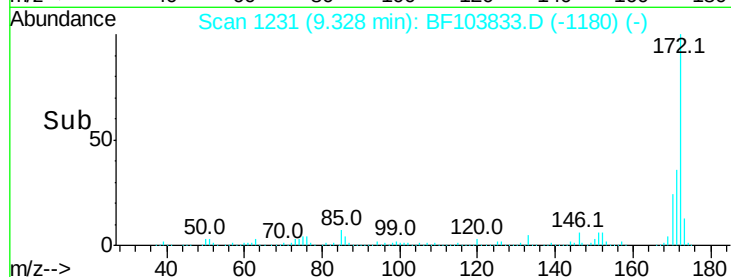
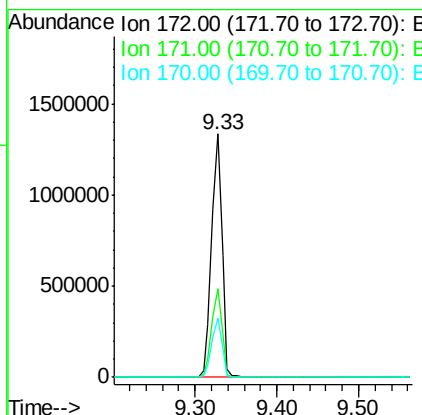
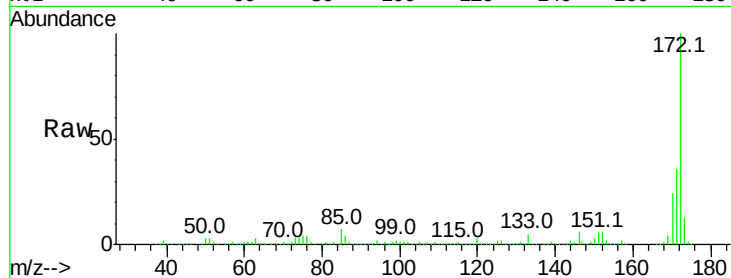


#44
 2-Fluorobiphenyl
 Concen: 68.343 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103833.D
 Acq: 21 Mar 2018 6:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1183611

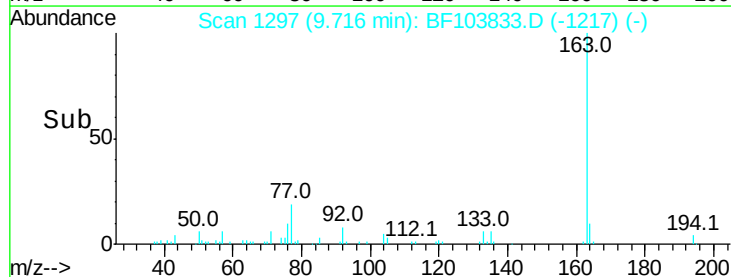
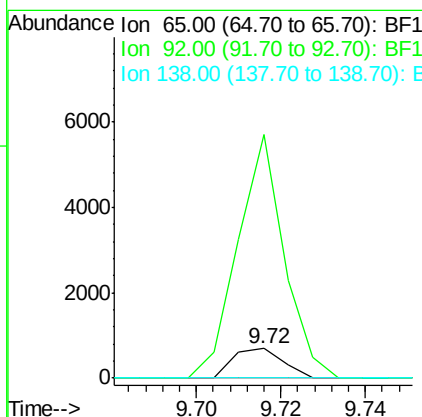
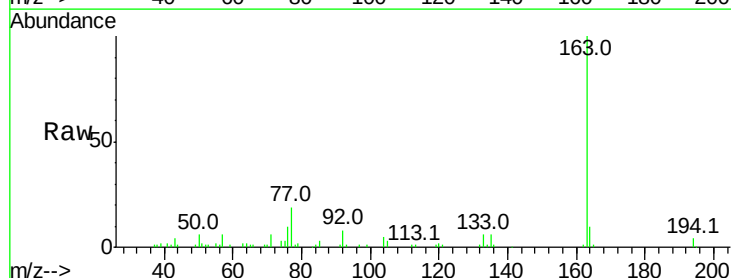
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.4	19.6	29.4

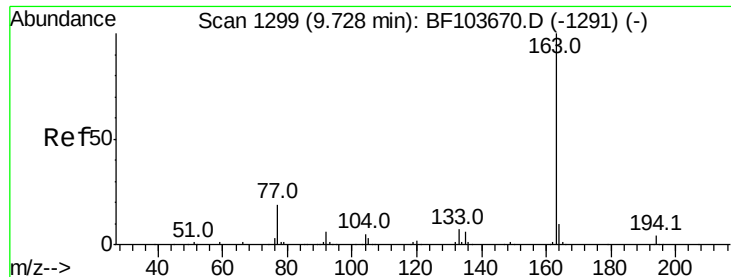


#47
 2-Nitroaniline
 Concen: 6.917 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.17 min
 Lab File: BF103833.D
 Acq: 21 Mar 2018 6:02

Tgt Ion: 65 Resp: 575

Ion	Ratio	Lower	Upper
65	100		
92	816.9	55.8	83.6#
138	0.0	91.2	136.8#

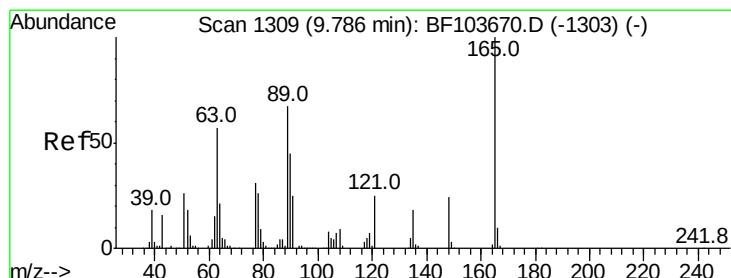
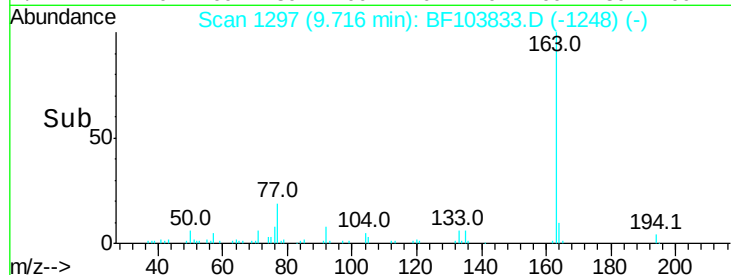
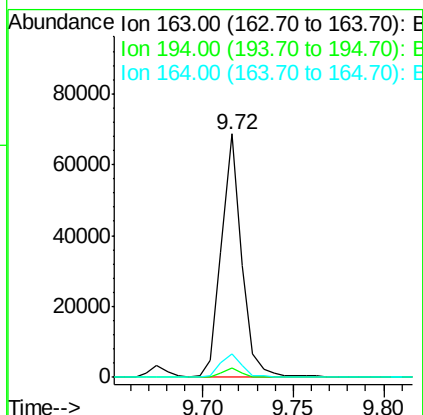
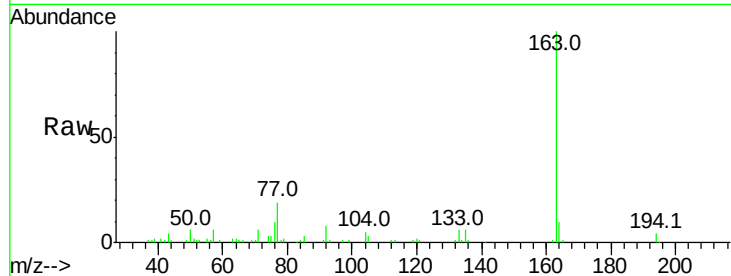




#49
 Dimethylphthalate
 Concen: 2.551 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF103833.D
 Acq: 21 Mar 2018 6:02

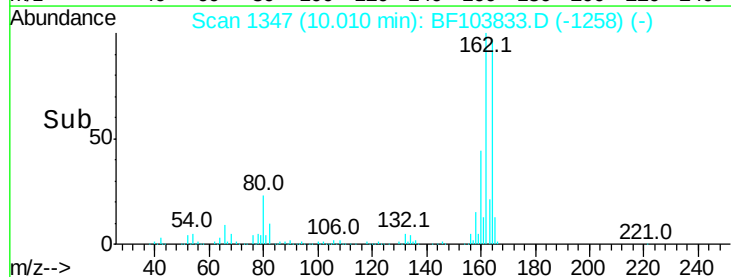
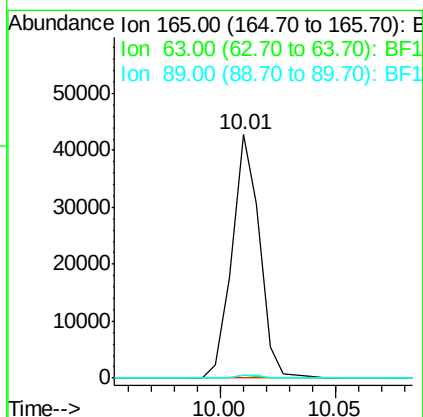
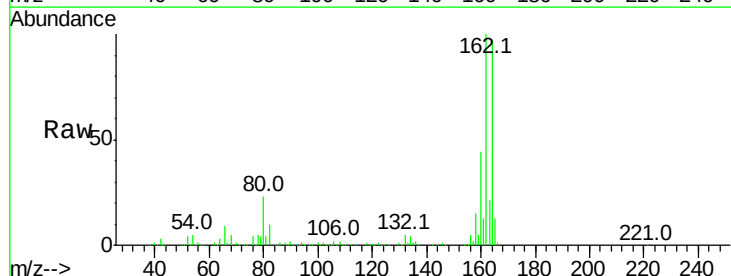
Instrument :
 BNA_F
 ClientSampleId :

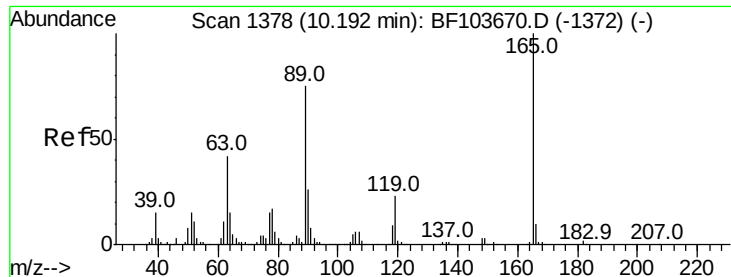
Tot Ion:	163	Resp:	53767
Ion Ratio	Lower	Upper	
163	100		
194	3.9	2.7	4.1
164	9.7	8.2	12.2



#50
 2,6-Dinitrotoluene
 Concen: 11.964 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.22 min
 Lab File: BF103833.D
 Acq: 21 Mar 2018 6:02

Tgt Ion:	165	Resp:	35481
Ion Ratio	Lower	Upper	
165	100		
63	1.2	44.7	67.1#
89	1.0	44.0	66.0#

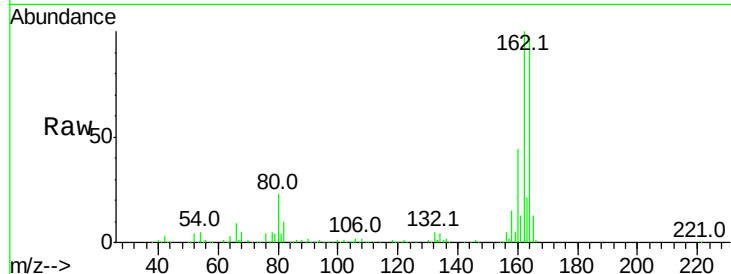




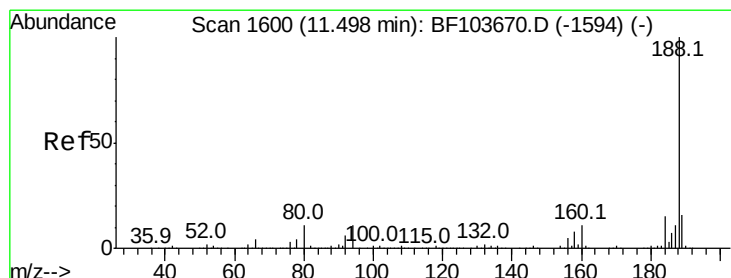
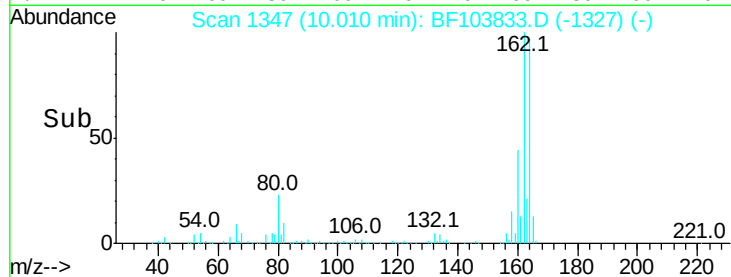
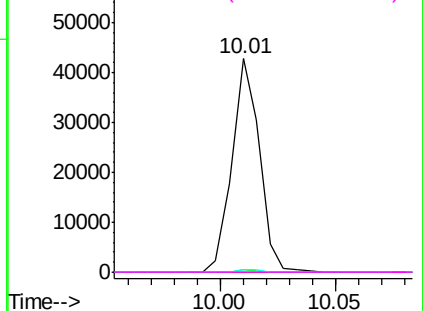
#56
 2,4-Dinitrotoluene
 Concen: 12.193 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.18 min
 Lab File: BF103833.D
 Acq: 21 Mar 2018 6:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 35481
 Ion Ratio Lower Upper
 165 100
 63 1.2 36.4 54.6#
 89 1.0 57.8 86.6#
 182 0.0 1.6 2.4#

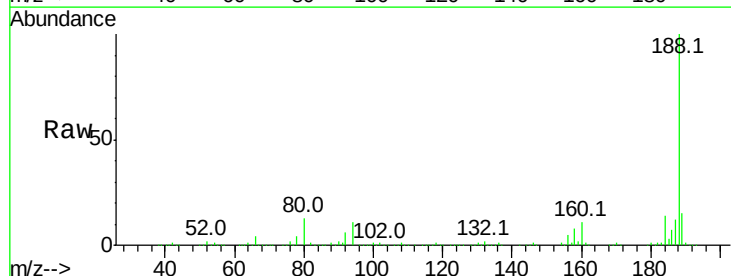


Abundance Ion 165.00 (164.70 to 165.70): E

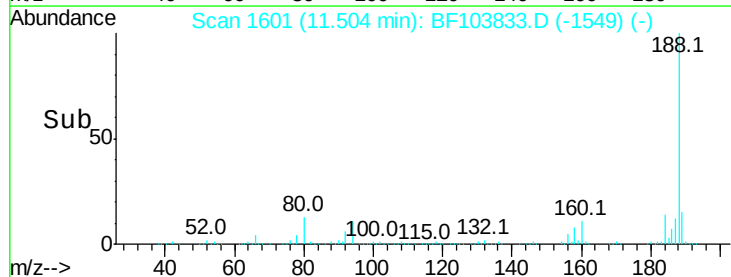
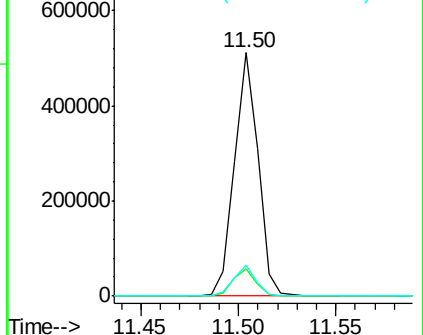


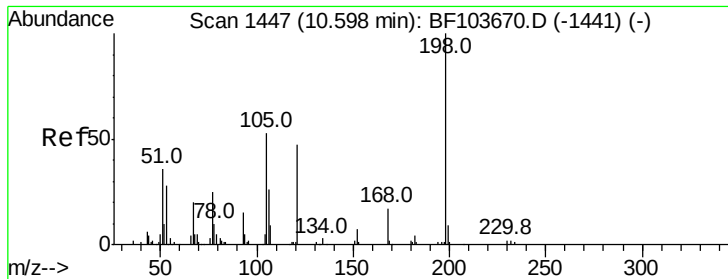
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. 0.01 min
 Lab File: BF103833.D
 Acq: 21 Mar 2018 6:02

Tgt Ion:188 Resp: 430241
 Ion Ratio Lower Upper
 188 100
 94 11.2 8.5 12.7
 80 12.6 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

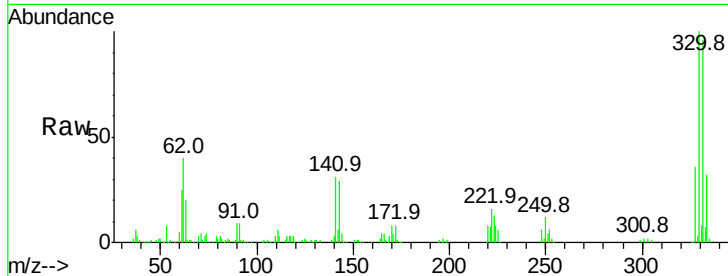




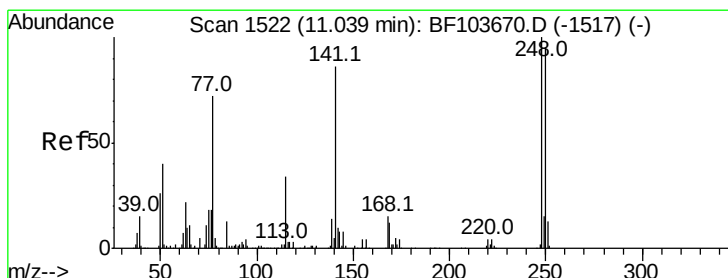
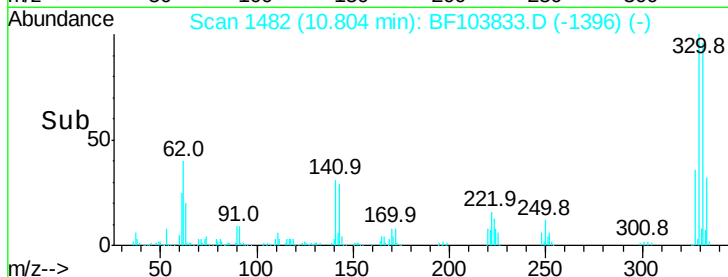
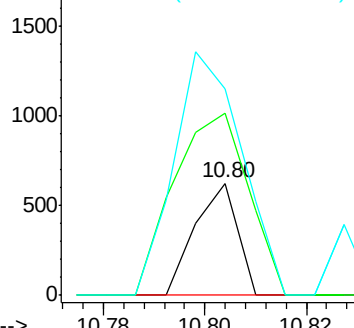
#64
4,6-Dinitro-2-methylphenol
Concen: 8.367 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.21 min
Lab File: BF103833.D
Acq: 21 Mar 2018 6:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 360
Ion Ratio Lower Upper
198 100
51 162.8 37.7 77.7#
105 184.6 36.3 76.3#

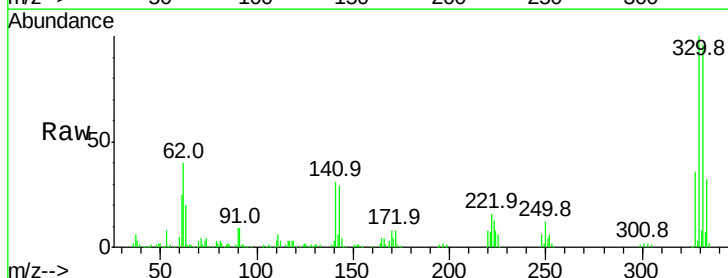


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

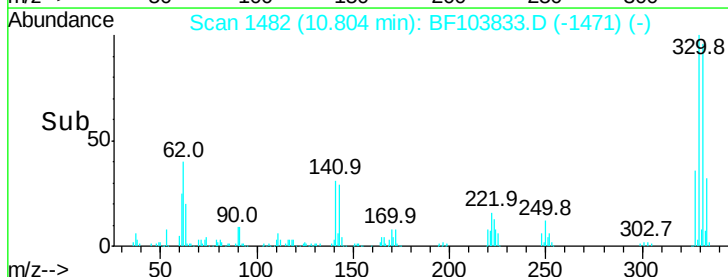
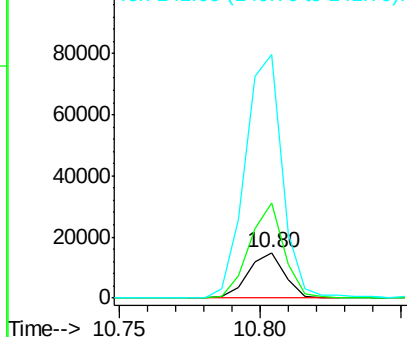


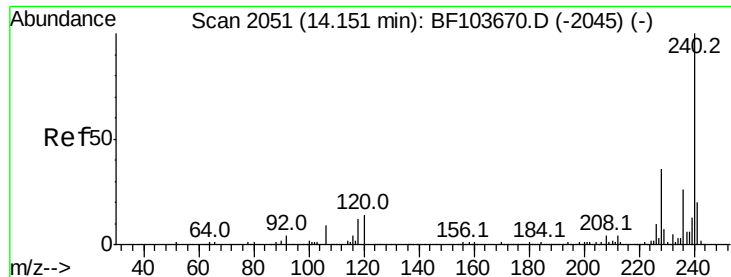
#66
4-Bromophenyl-phenylether
Concen: 2.982 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.24 min
Lab File: BF103833.D
Acq: 21 Mar 2018 6:02

Tgt Ion:248 Resp: 13172
Ion Ratio Lower Upper
248 100
250 208.0 76.9 115.3#
141 533.7 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: 14.16 min Scan# 2052

Delta R.T. 0.01 min

Lab File: BF103833.D

Acq: 21 Mar 2018 6:02

Instrument :

BNA_F

ClientSampleId :

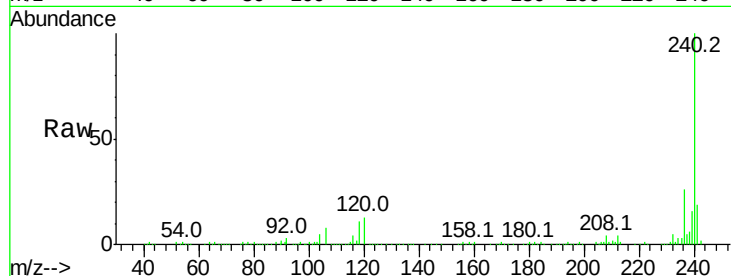
Tot Ion:240 Resp: 311718

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

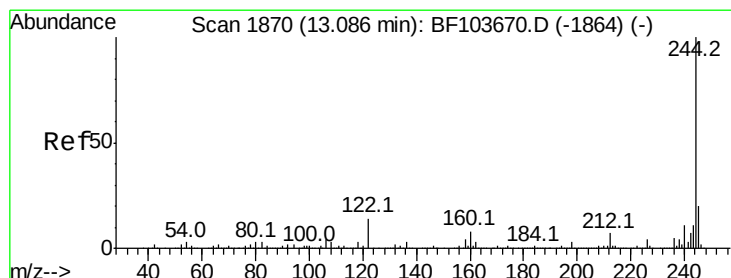
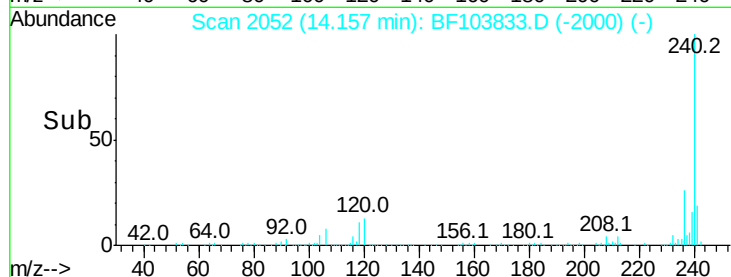
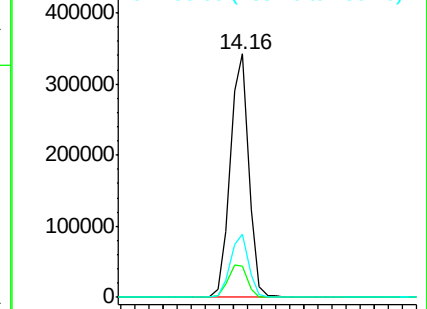
236 26.1 20.7 31.1



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: 69.698 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.01 min

Lab File: BF103833.D

Acq: 21 Mar 2018 6:02

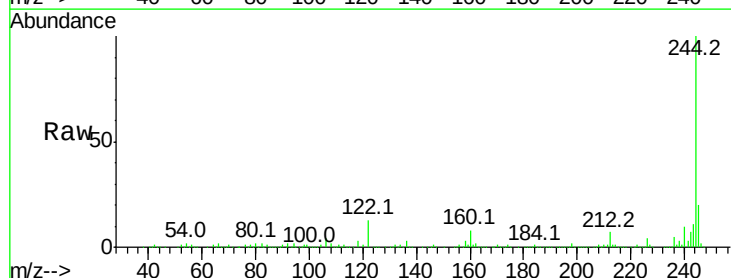
Tgt Ion:244 Resp: 936013

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

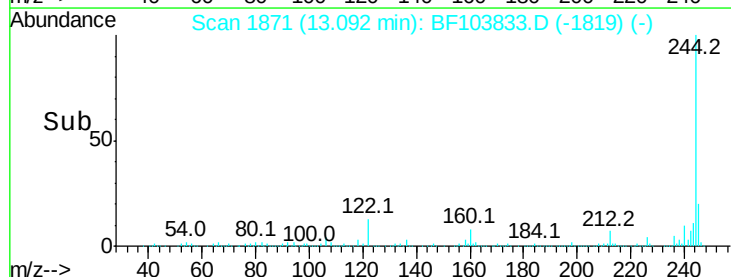
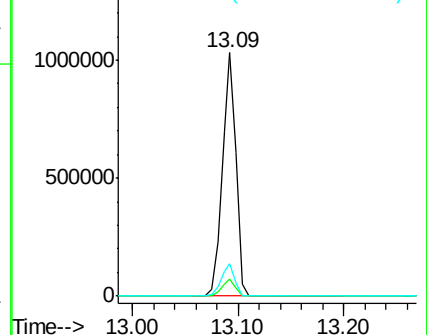
122 13.2 11.0 16.4

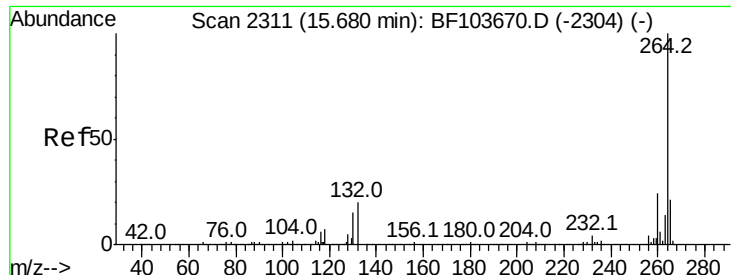


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

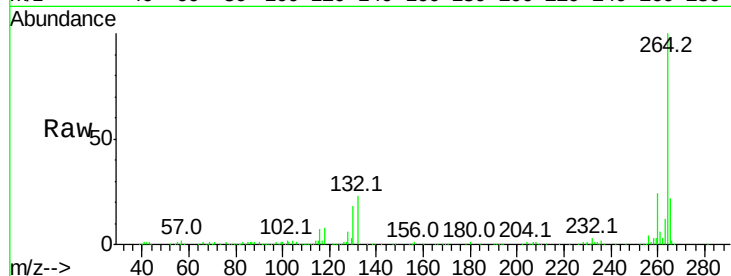




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. 0.01 min
Lab File: BF103833.D
Acq: 21 Mar 2018 6:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 260934
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.5 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

