

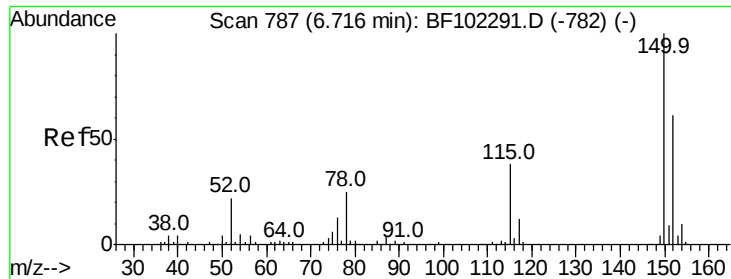
Data Path : U:\HPCHEM1\BNA F\DATA\BF012918\
 Data File : BF102622.D
 Acq On : 30 Jan 2018 2:54
 Operator : SJ/JU
 Sample : J1253-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 04:49:57 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	152587	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	667558	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	233751	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	317531	20.00	ng	0.00
75) Chrysene-d12	13.87	240	276712	20.00	ng	0.00
86) Perylene-d12	15.31	264	284972	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	911604	90.59	ng	0.00
7) Phenol-d6	6.36	99	1102622	90.88	ng	0.00
23) Nitrobenzene-d5	7.28	82	633883	54.57	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	142173	61.38	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	990093	62.28	ng	0.00
78) Terphenyl-d14	12.82	244	593690	48.37	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.49	77	18935	2.277	ng	85
10) Phenol	6.37	94	45985	3.472	ng	80
19) n-Nitroso-di-n-propylamine	7.28	70	82434	11.103	ng	# 81
25) Isophorone	7.28	82	633879	30.609	ng	# 64
49) Dimethylphthalate	9.47	163	176290	9.124	ng	100
56) 2,4-Dinitrotoluene	9.75	165	28393	5.543	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	9965	2.915	ng	# 1

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

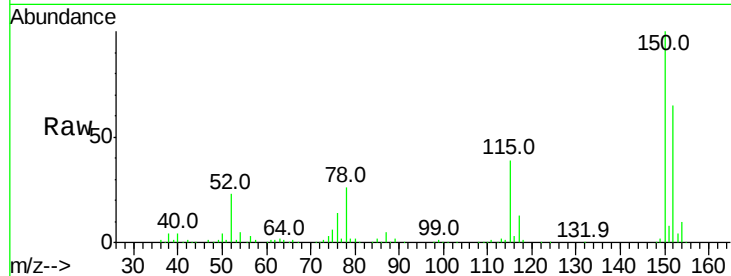


#1

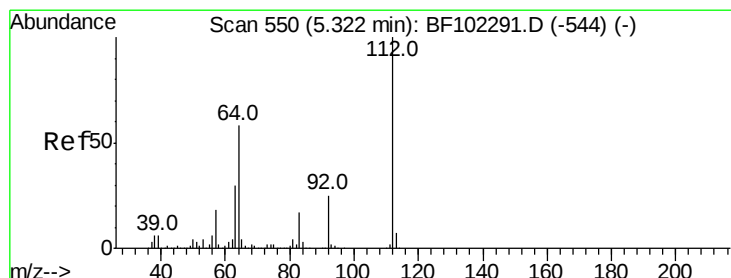
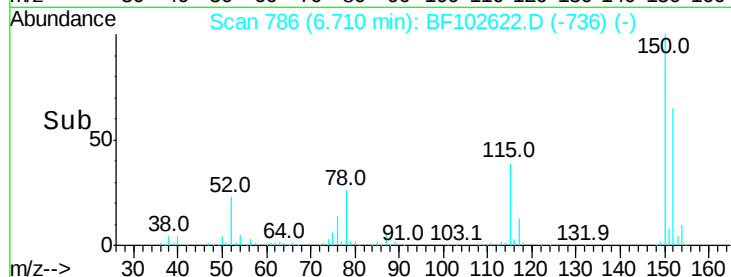
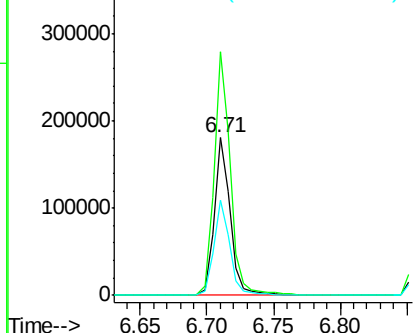
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102622.D
Acq: 30 Jan 2018 2:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.6	186.8
115	60.4	50.1	75.1



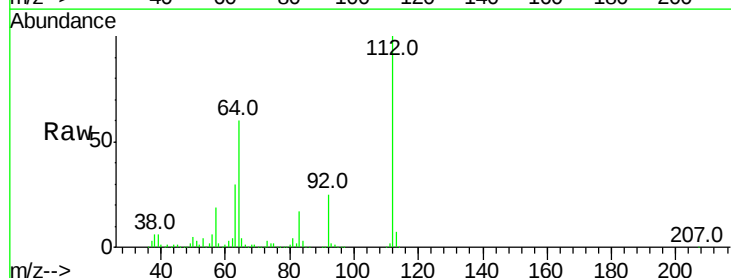
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



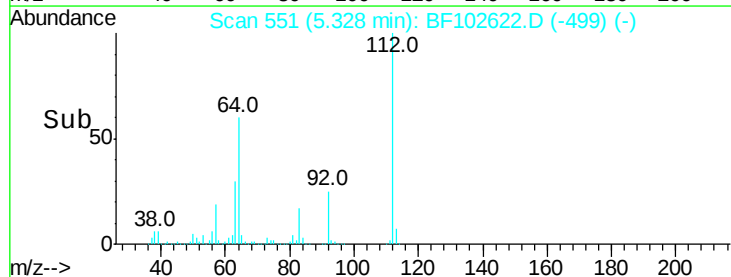
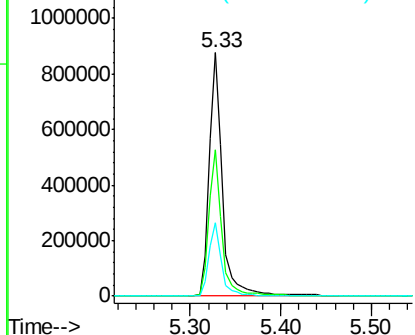
#5

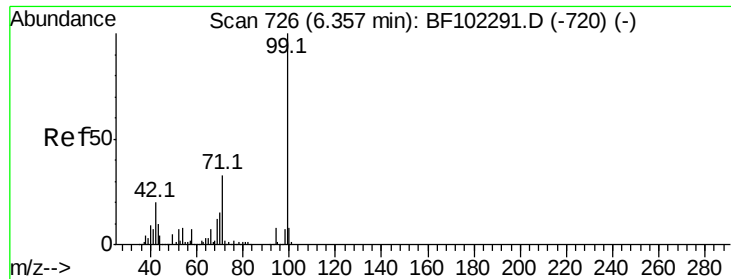
2-Fluorophenol
Concen: 90.586 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102622.D
Acq: 30 Jan 2018 2:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	47.9	71.9
63	30.3	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: 90.883 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102622.D

Acq: 30 Jan 2018 2:54

Instrument :

BNA_F

ClientSampleId :

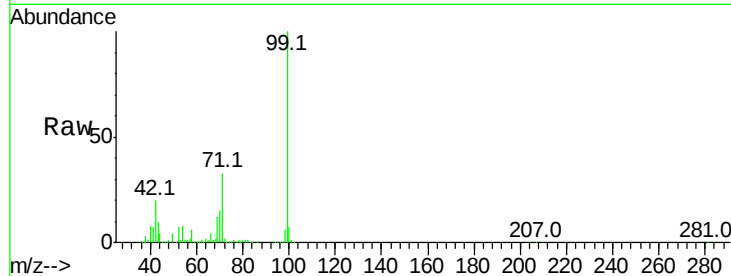
Tot Ion: 99 Resp: 1102622

Ion Ratio Lower Upper

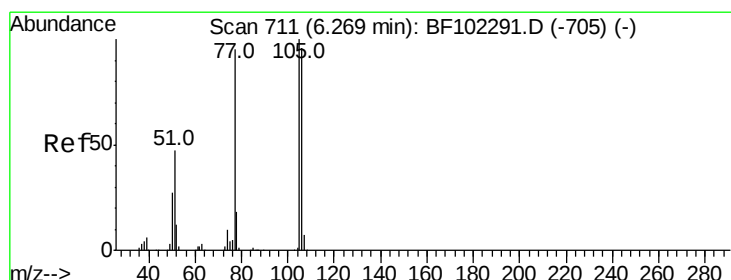
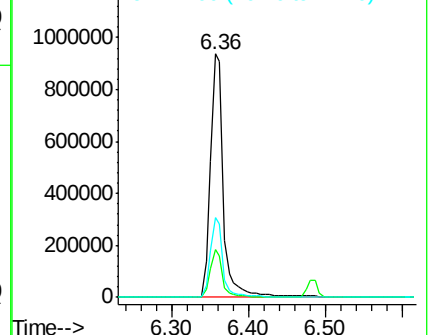
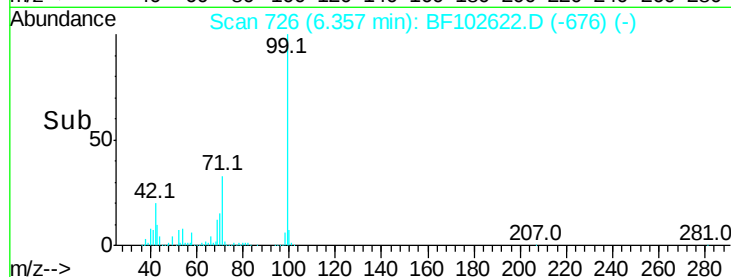
99 100

42 19.6 14.5 21.7

71 32.9 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: 2.277 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF102622.D

Acq: 30 Jan 2018 2:54

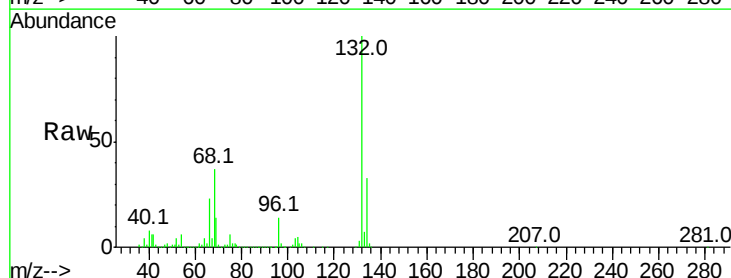
Tgt Ion: 77 Resp: 18935

Ion Ratio Lower Upper

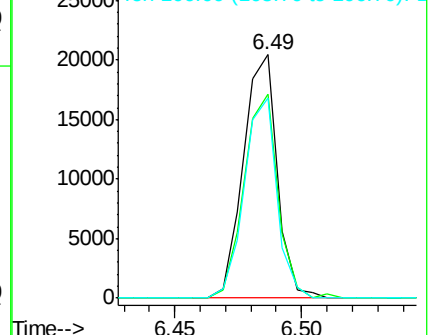
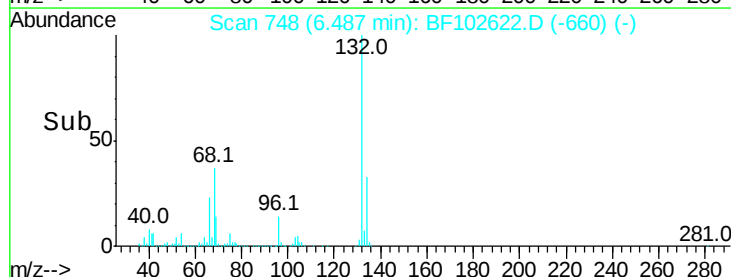
77 100

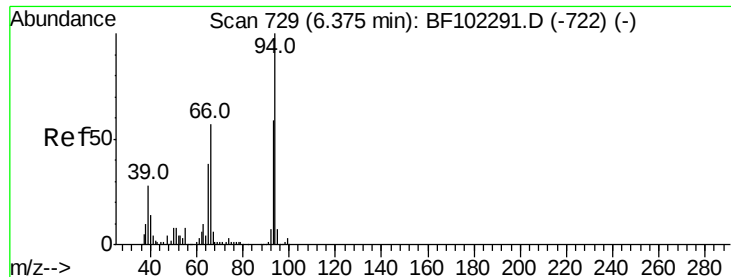
105 83.5 81.1 121.1

106 82.3 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: 3.472 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102622.D

Acq: 30 Jan 2018 2:54

Instrument :

BNA_F

ClientSampleId :

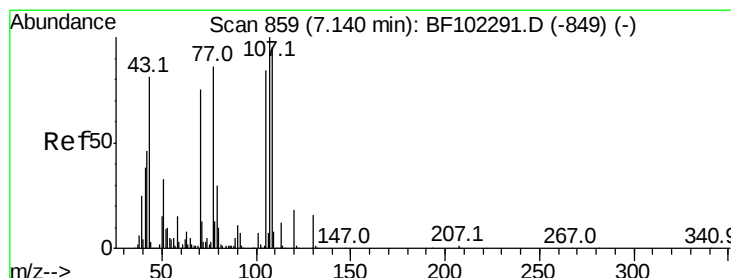
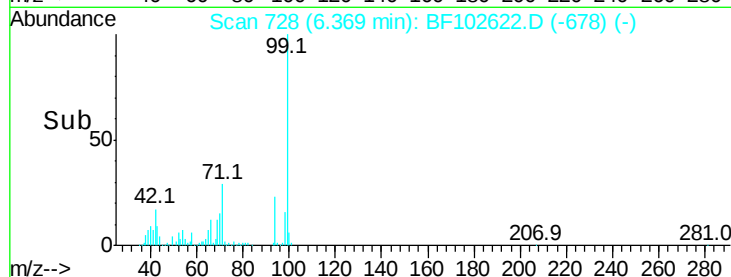
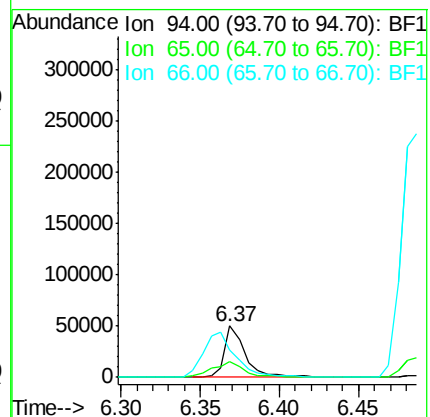
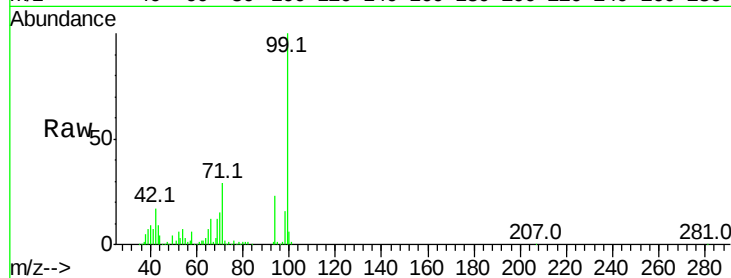
Tot Ion: 94 Resp: 45985

Ion Ratio Lower Upper

94 100

65 31.4 7.9 47.9

66 54.1 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 11.103 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF102622.D

Acq: 30 Jan 2018 2:54

Tgt Ion: 70 Resp: 82434

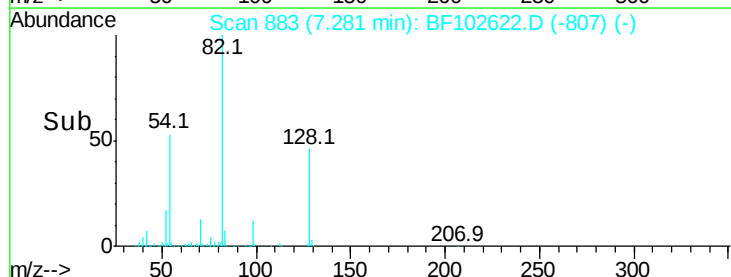
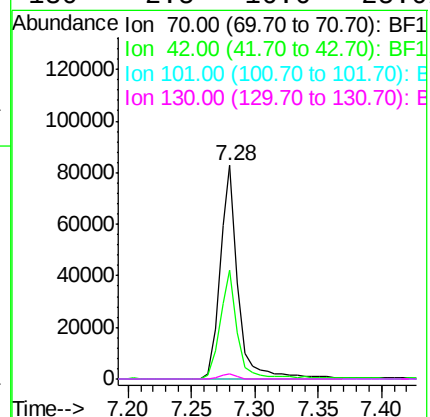
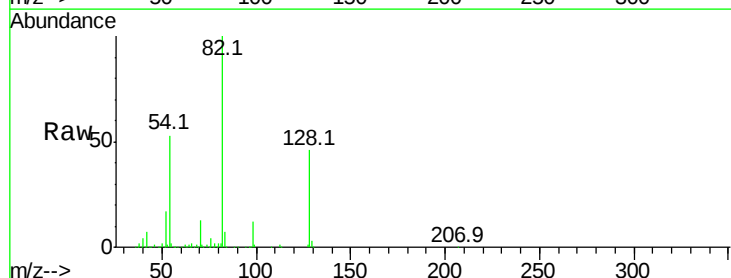
Ion Ratio Lower Upper

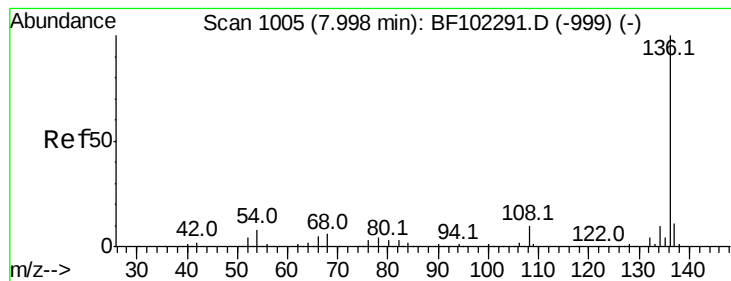
70 100

42 51.2 47.5 71.3

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF102622.D

Acq: 30 Jan 2018 2:54

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 667558

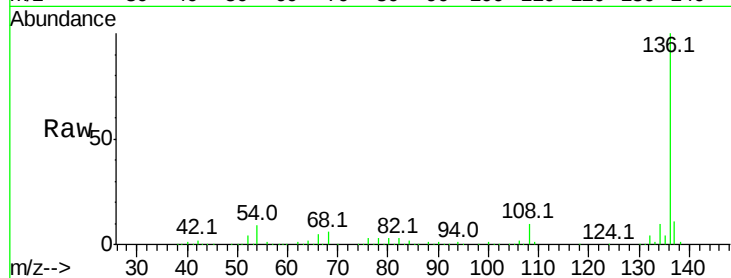
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.6 6.6 9.8

68 6.1 5.0 7.4

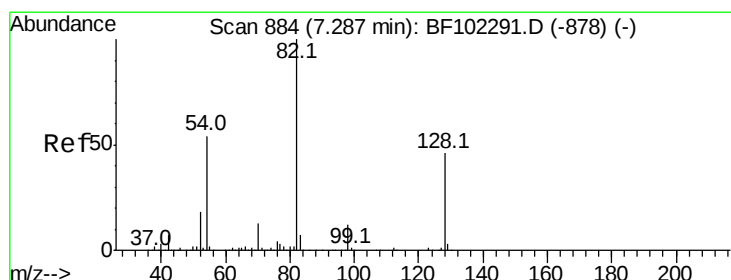
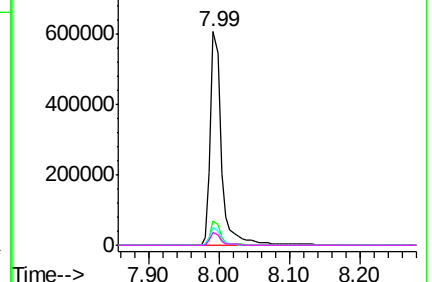
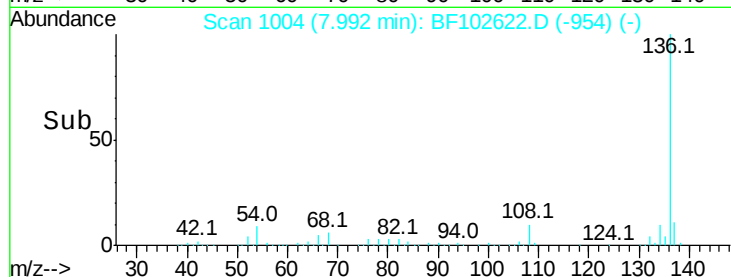


Abundance Ion 136.00 (135.70 to 136.70): E

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: 54.568 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102622.D

Acq: 30 Jan 2018 2:54

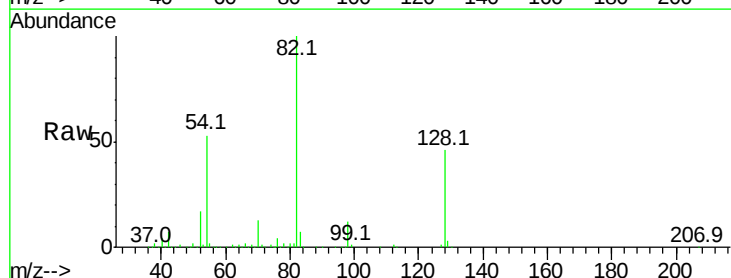
Tgt Ion: 82 Resp: 633883

Ion Ratio Lower Upper

82 100

128 45.7 36.1 54.1

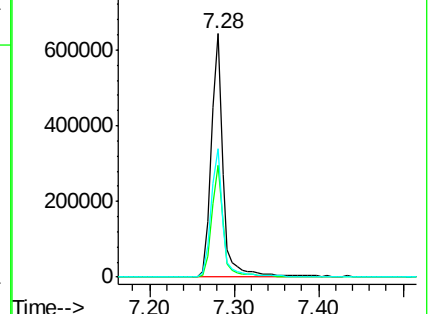
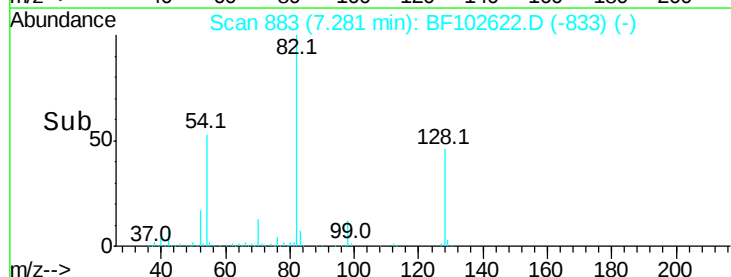
54 52.5 41.4 62.2

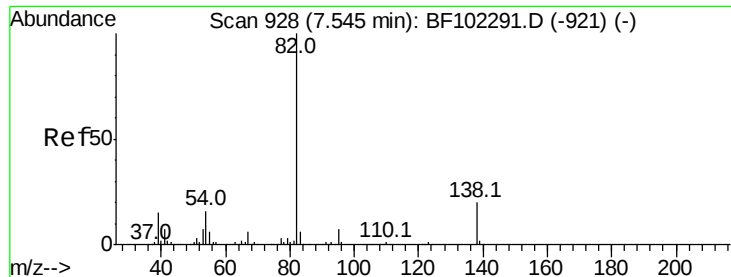


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 30.609 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF102622.D

Acq: 30 Jan 2018 2:54

Instrument :

BNA_F

ClientSampled :

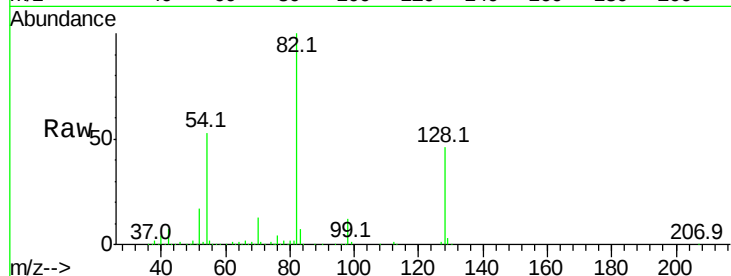
Tot Ion: 82 Resp: 633879

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

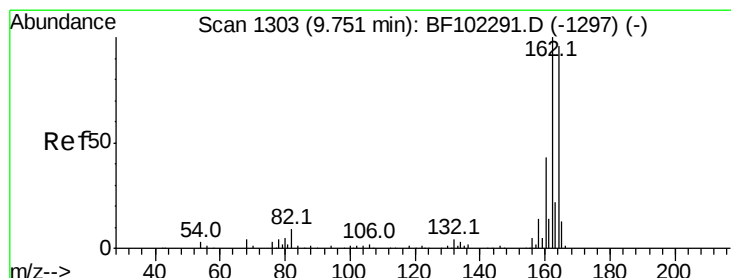
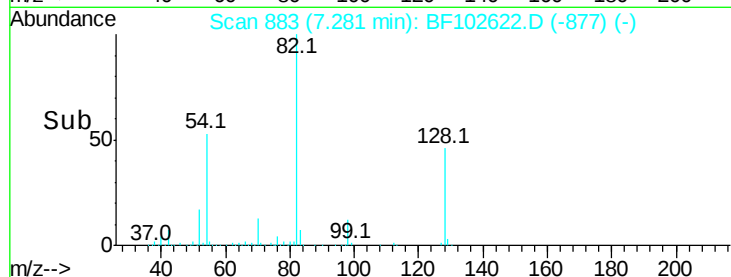
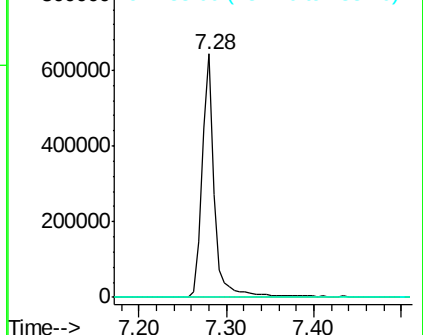
138 0.0 14.9 22.3#



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: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF102622.D

Acq: 30 Jan 2018 2:54

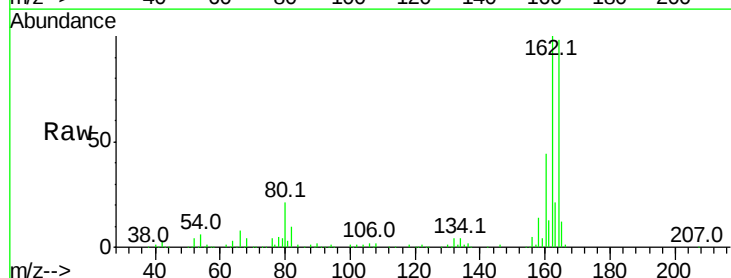
Tgt Ion:164 Resp: 233751

Ion Ratio Lower Upper

164 100

162 102.0 86.1 129.1

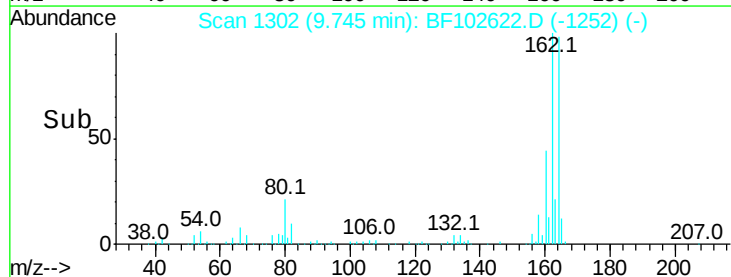
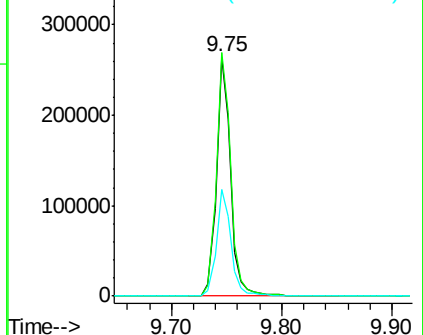
160 44.4 38.3 57.5

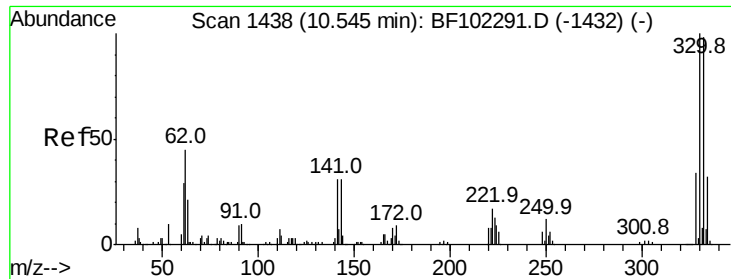


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

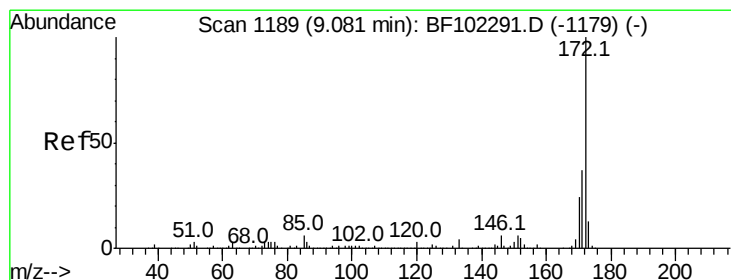
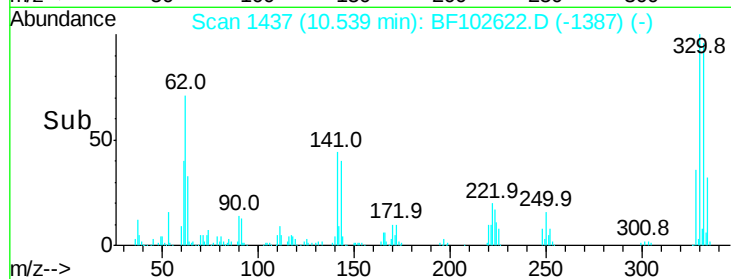
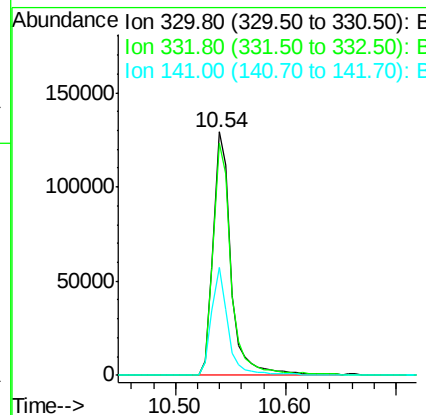
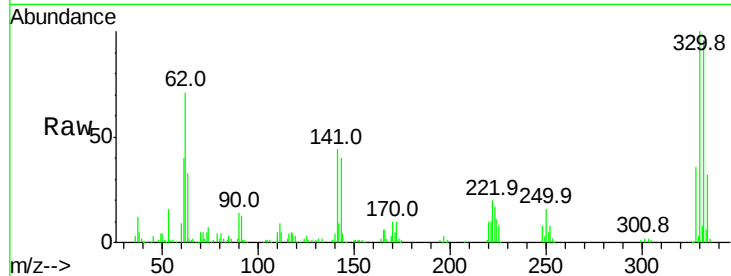




#41
 2,4,6-Tribromophenol
 Concen: 61.384 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102622.D
 Acq: 30 Jan 2018 2:54

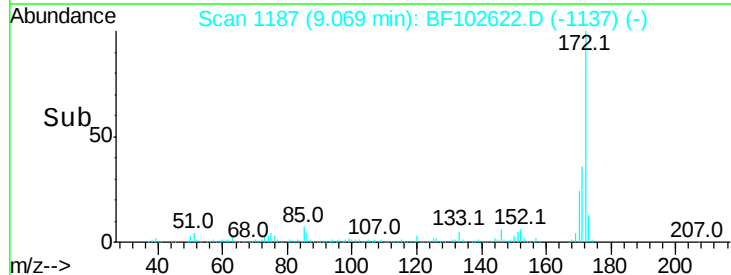
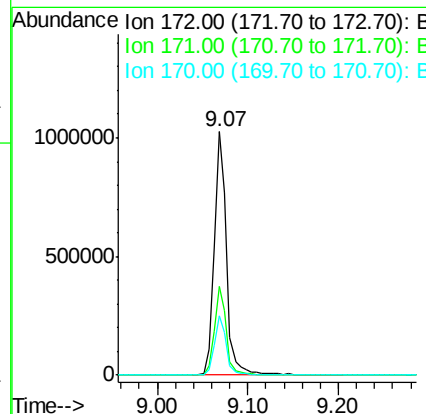
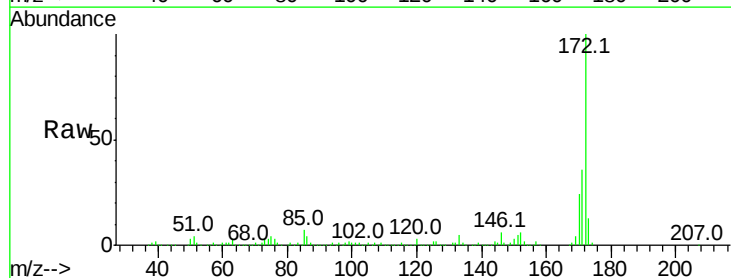
Instrument :
 BNA_F
 ClientSampleId :

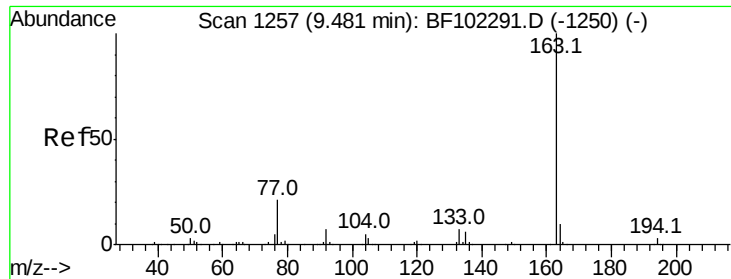
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	41.1	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 62.279 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF102622.D
 Acq: 30 Jan 2018 2:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.1	19.6	29.4

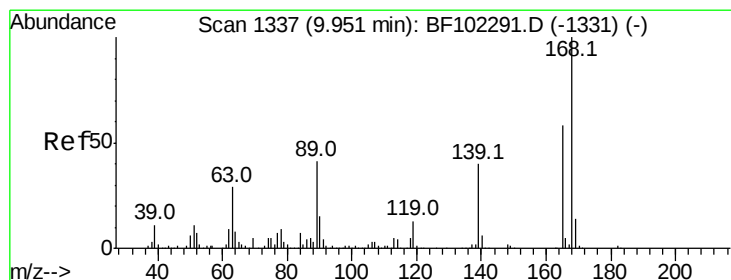
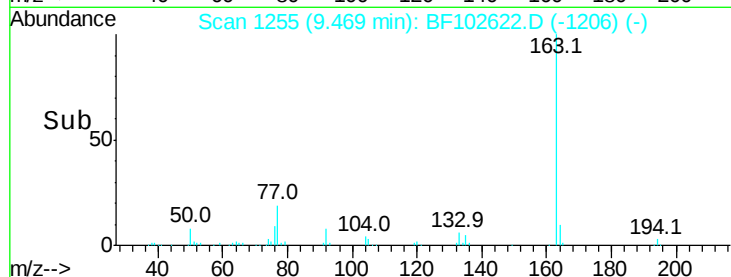
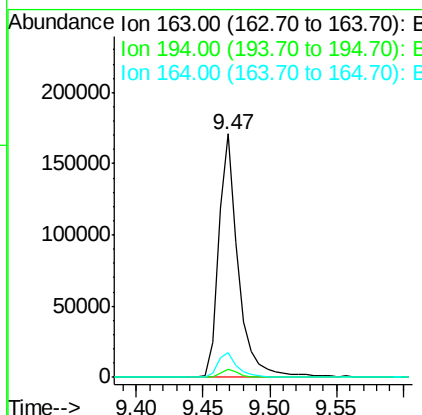
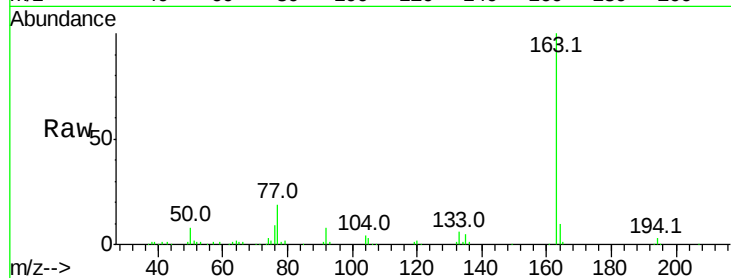




#49
Dimethylphthalate
Concen: 9.124 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102622.D
Acq: 30 Jan 2018 2:54

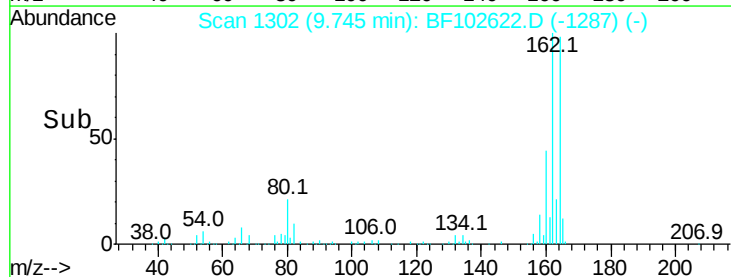
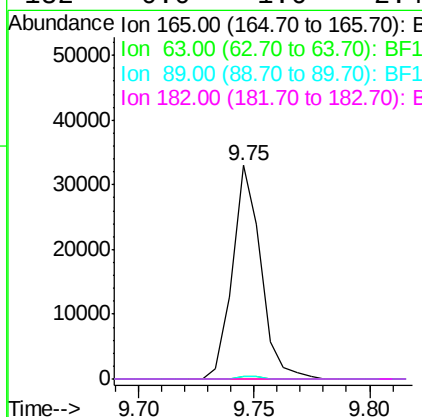
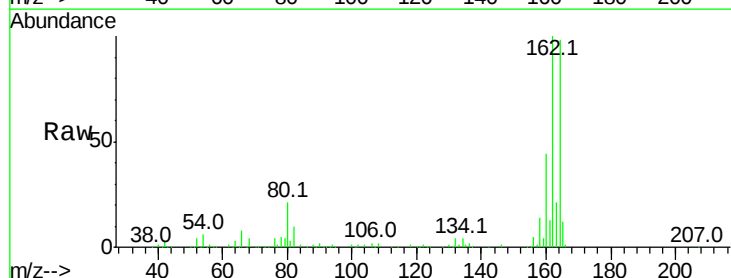
Instrument :
BNA_F
ClientSampleId :

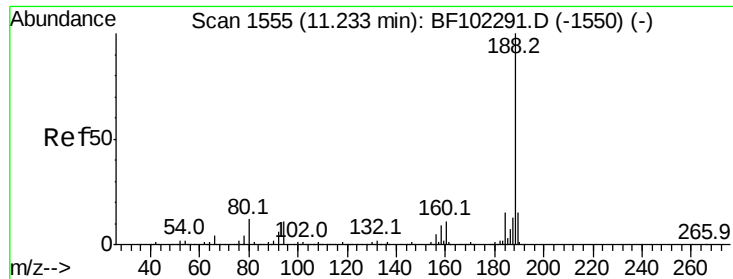
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.0	8.2	12.2



#56
2,4-Dinitrotoluene
Concen: 5.543 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF102622.D
Acq: 30 Jan 2018 2:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

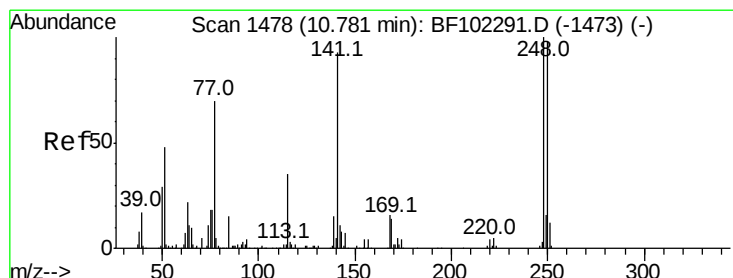
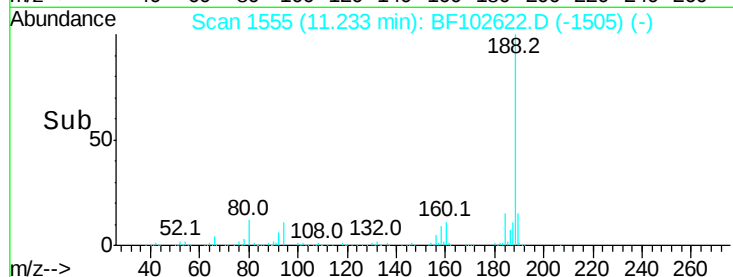
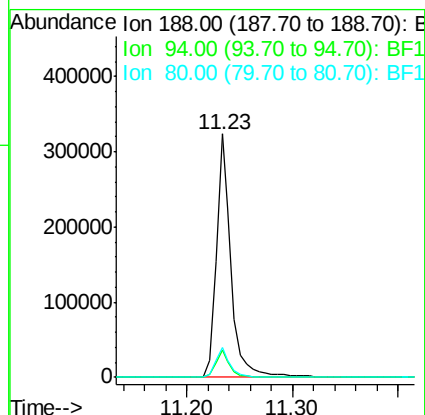
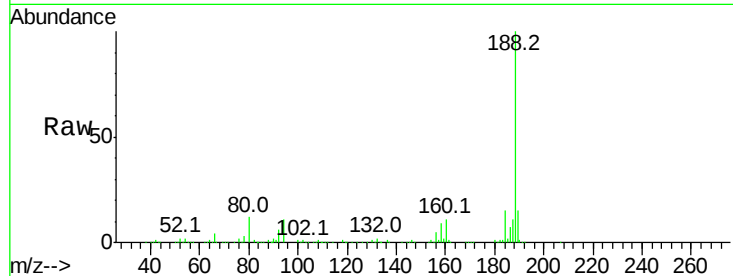




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102622.D
Acq: 30 Jan 2018 2:54

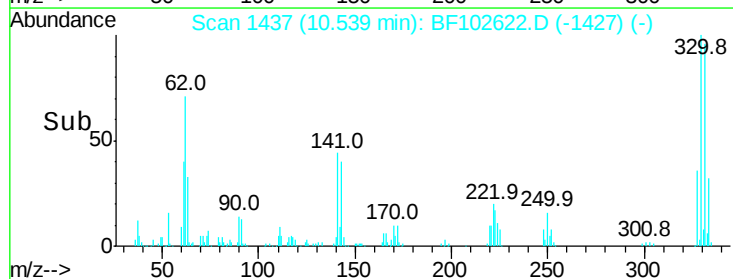
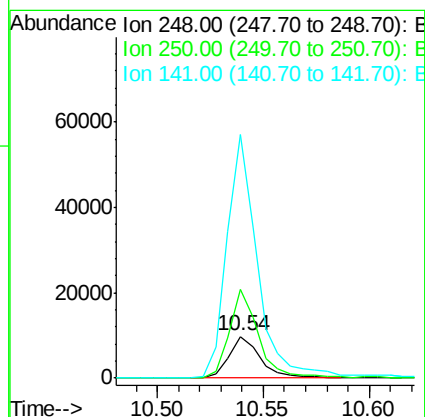
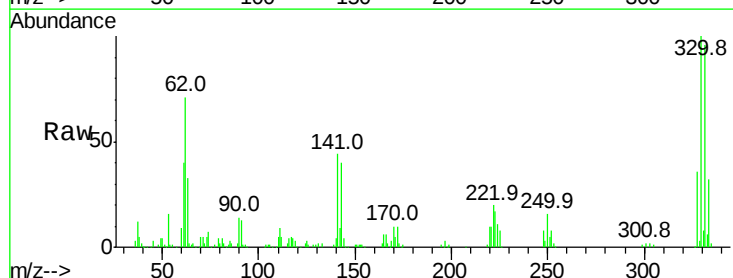
Instrument :
BNA_F
ClientSampleId :

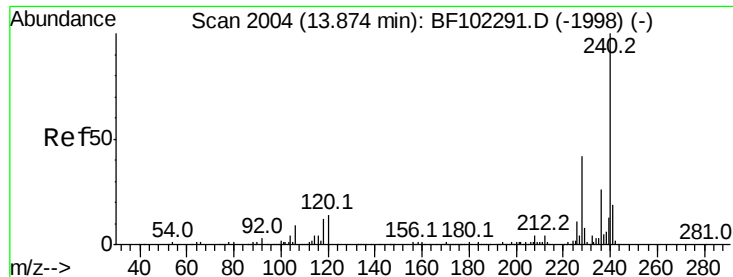
Tot Ion:188 Resp: 317531
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 12.2 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.915 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102622.D
Acq: 30 Jan 2018 2:54

Tgt Ion:248 Resp: 9965
Ion Ratio Lower Upper
248 100
250 210.8 76.9 115.3#
141 580.0 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF102622.D

Acq: 30 Jan 2018 2:54

Instrument :

BNA_F

ClientSampleId :

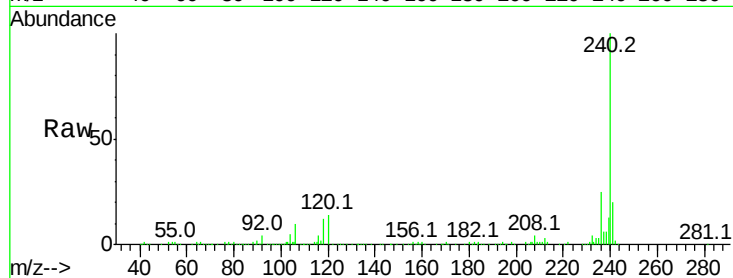
Tot Ion:240 Resp: 276712

Ion Ratio Lower Upper

240 100

120 13.5 9.5 14.3

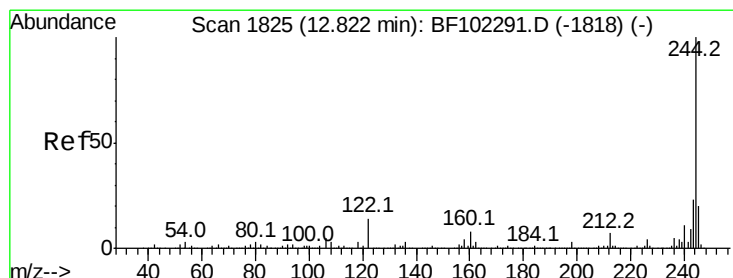
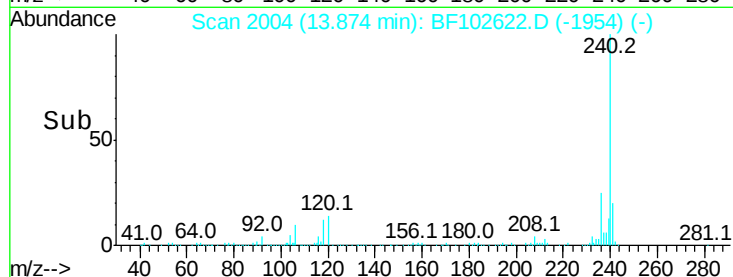
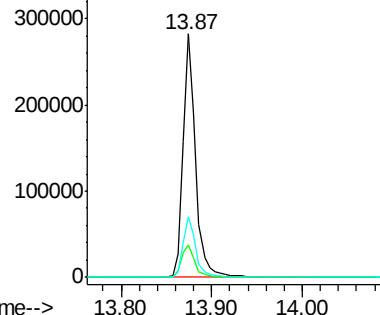
236 25.1 20.7 31.1



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: 48.368 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF102622.D

Acq: 30 Jan 2018 2:54

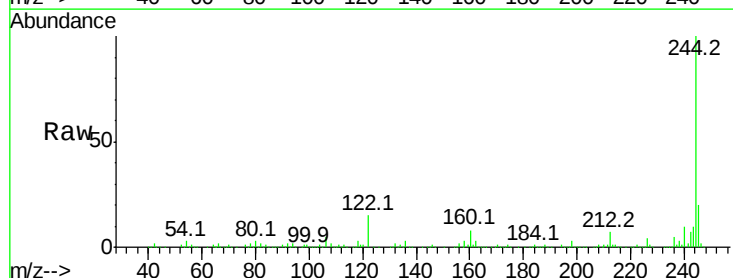
Tgt Ion:244 Resp: 593690

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

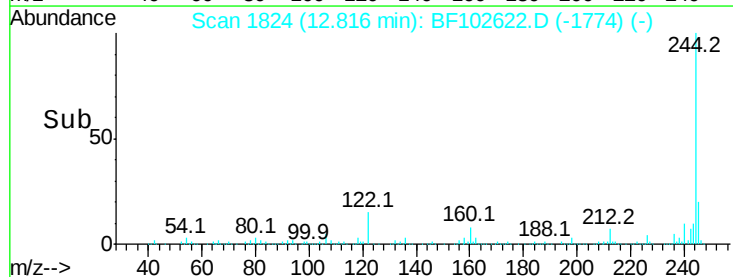
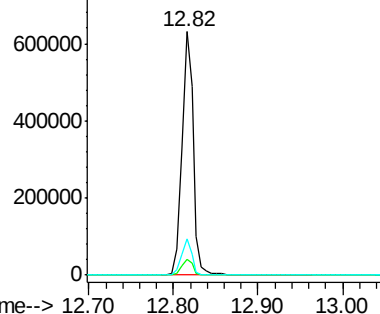
122 14.9 11.0 16.4

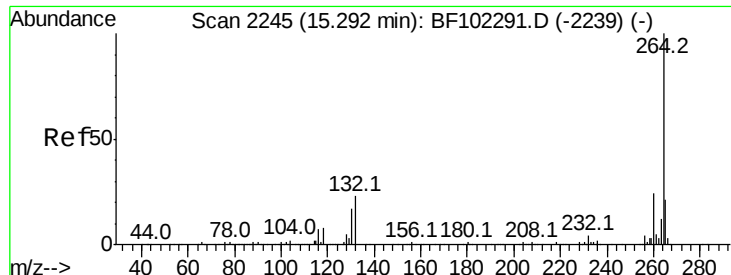


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.31 min Scan# 2248
Delta R.T. 0.01 min
Lab File: BF102622.D
Acq: 30 Jan 2018 2:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.2	17.5	26.3

