

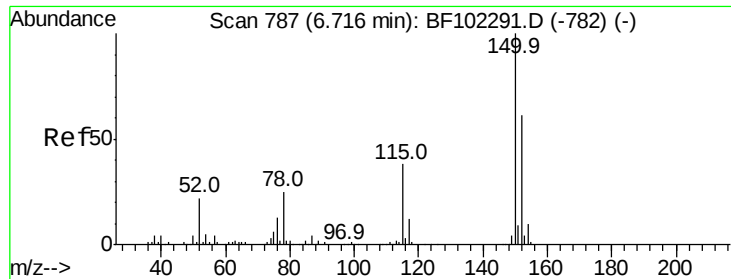
Data Path : U:\HPCHEM1\BNA F\DATA\BF013018\
 Data File : BF102647.D
 Acq On : 30 Jan 2018 18:47
 Operator : SJ/JU
 Sample : J1359-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 22:19:40 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	159070	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	664714	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	304947	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	534881	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	434849	20.00	ng	-0.01
86) Perylene-d12	15.30	264	323210	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1087243	103.64	ng	0.02
7) Phenol-d6	6.36	99	1201029	94.96	ng	0.00
23) Nitrobenzene-d5	7.28	82	935313	80.86	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	305589	101.14	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1624699	78.34	ng	0.00
78) Terphenyl-d14	12.82	244	1590099	82.43	ng	0.00
Target Compounds						
17) 2-Methylphenol	7.15	107	38325	4.013	ng	# 73
19) n-Nitroso-di-n-propylamine	7.28	70	125626	16.231	ng	# 79
20) 3+4-Methylphenols	7.15	107	39814	3.544	ng	# 89
25) Isophorone	7.28	82	935300	45.357	ng	# 64
31) Naphthalene	8.02	128	86750	2.614	ng	# 98
49) Dimethylphthalate	9.46	163	62324	2.473	ng	# 100
50) 2,6-Dinitrotoluene	9.75	165	38738	7.128	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	38738	5.797	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	20541	3.567	ng	# 1

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

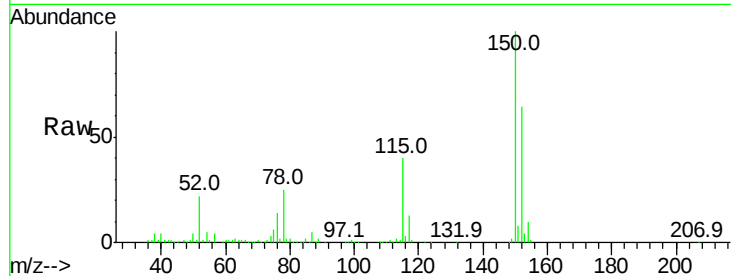


#1

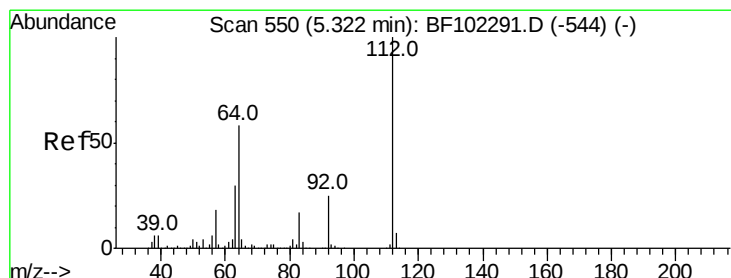
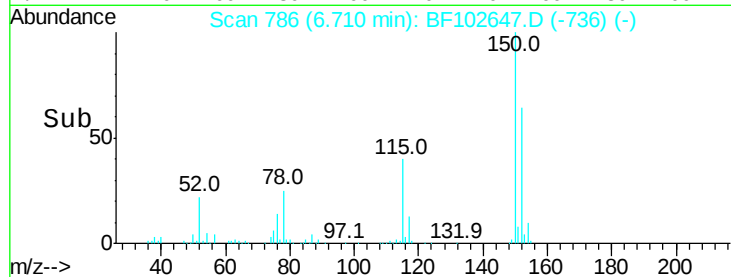
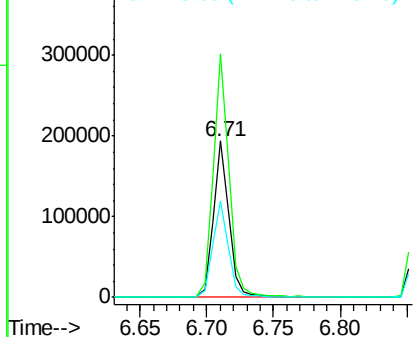
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102647.D
Acq: 30 Jan 2018 18:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 159070
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 61.9 50.1 75.1



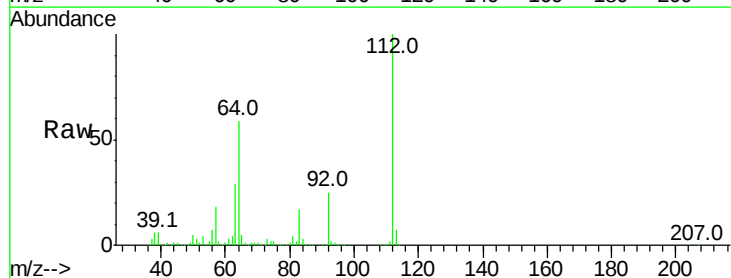
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



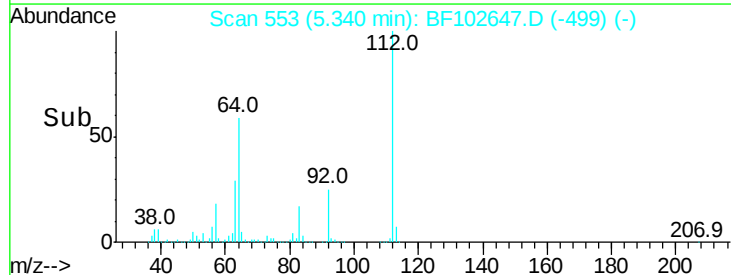
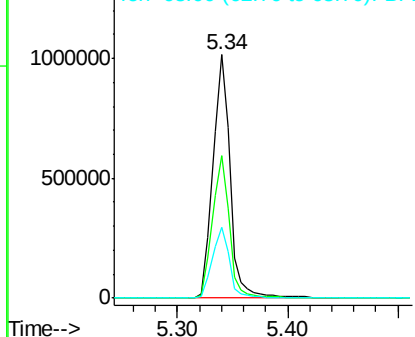
#5

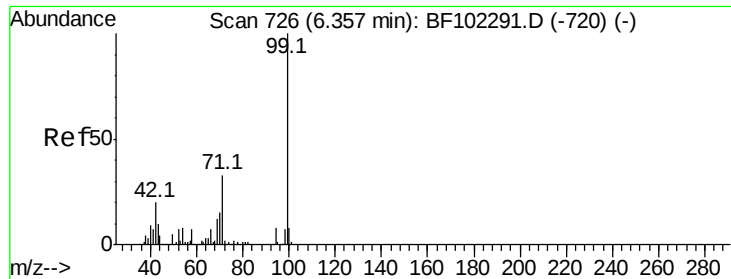
2-Fluorophenol
Concen: 103.636 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.02 min
Lab File: BF102647.D
Acq: 30 Jan 2018 18:47

Tgt Ion:112 Resp: 1087243
Ion Ratio Lower Upper
112 100
64 58.5 47.9 71.9
63 29.3 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: 94.960 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102647.D

Acq: 30 Jan 2018 18:47

Instrument :

BNA_F

ClientSampled :

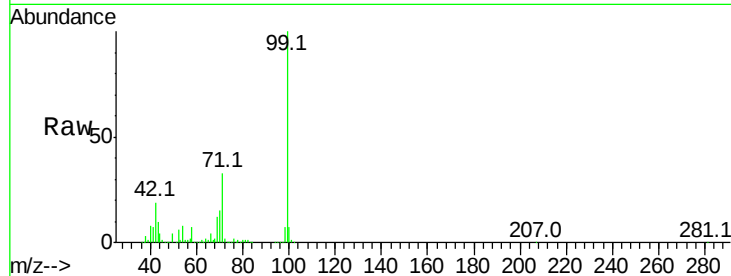
Tot Ion: 99 Resp: 1201029

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

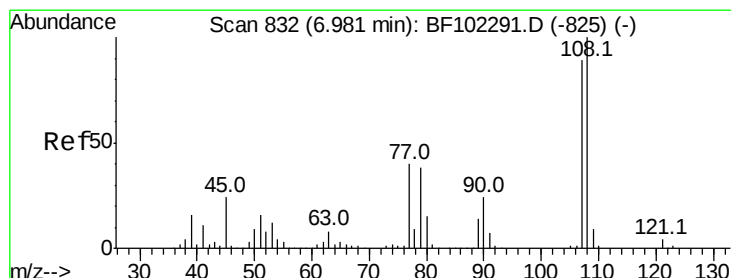
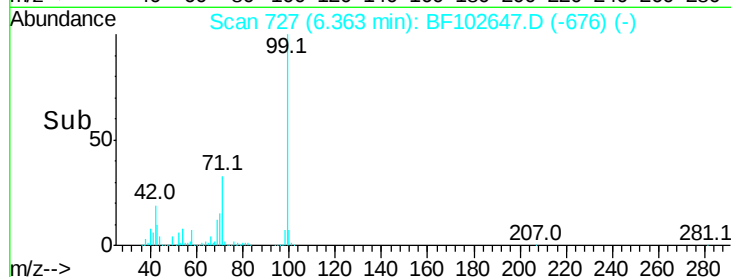
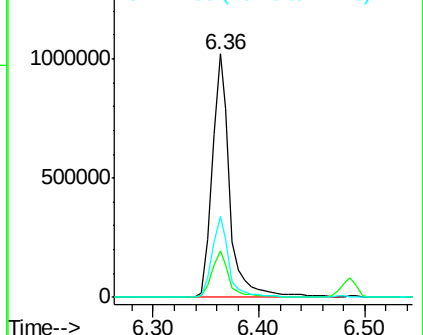
71 33.5 25.4 38.0



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



#17

2-Methylphenol

Concen: 4.013 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.17 min

Lab File: BF102647.D

Acq: 30 Jan 2018 18:47

Tgt Ion:107 Resp: 38325

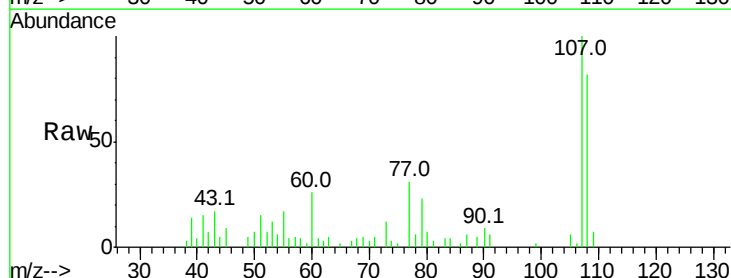
Ion Ratio Lower Upper

107 100

108 81.9 91.7 137.5#

77 31.4 33.8 50.8#

79 23.4 33.8 50.8#

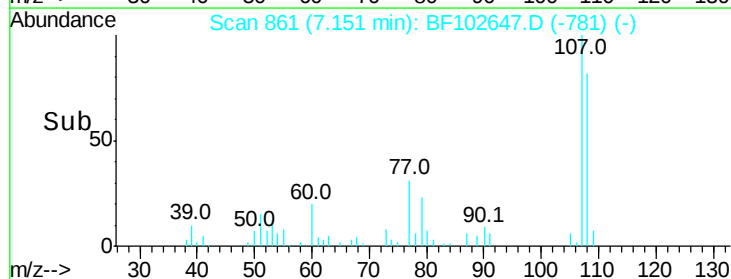
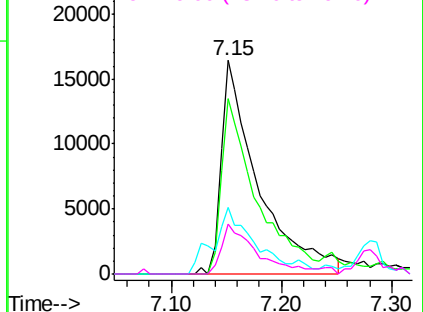


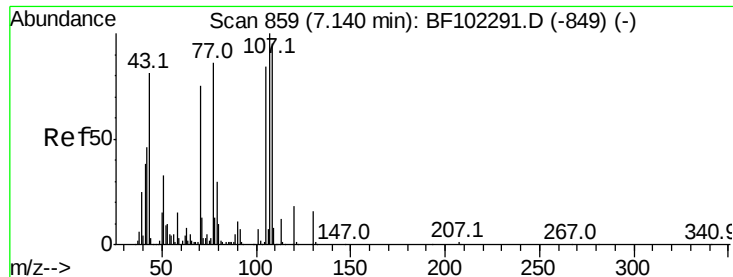
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

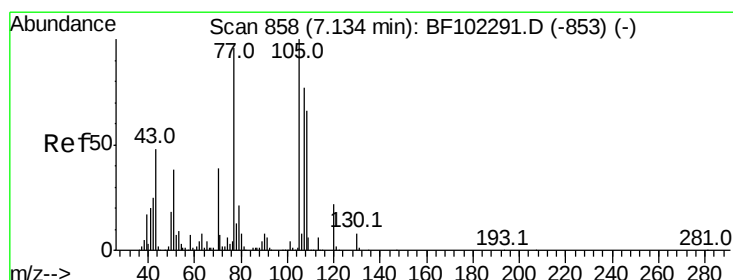
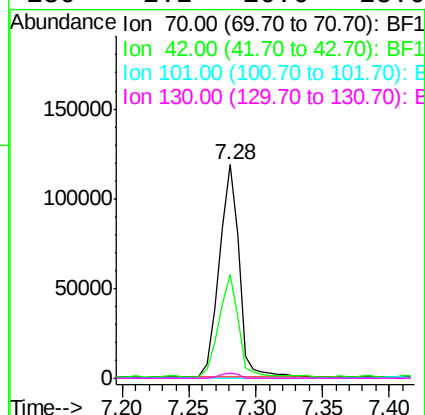
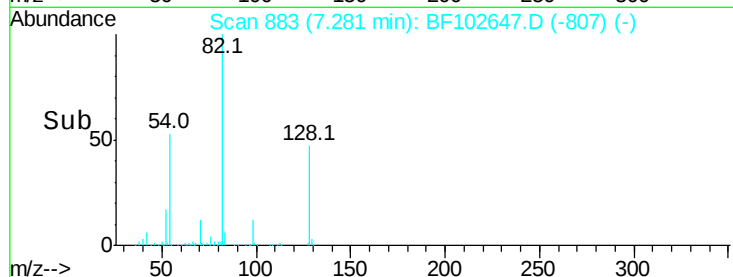
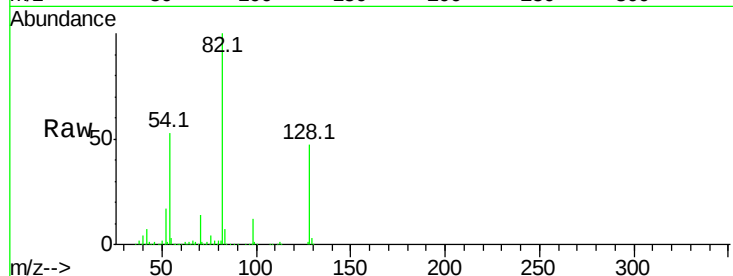




#19
n-Nitroso-di-n-propylamine
Concen: 16.231 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF102647.D
Acq: 30 Jan 2018 18:47

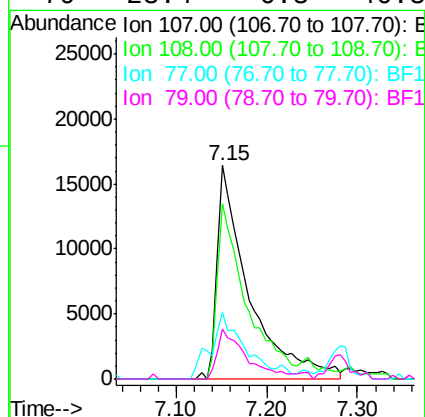
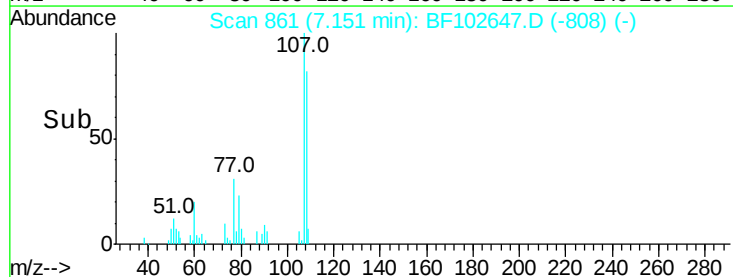
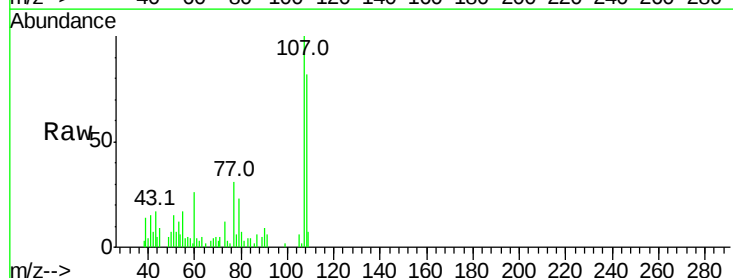
Instrument :
BNA_F
ClientSampleId :

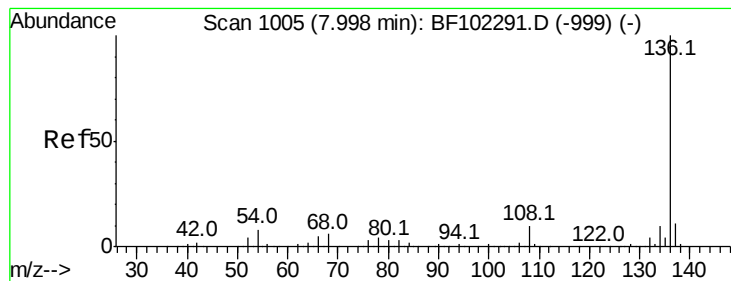
Tot Ion: 70 Resp: 125626
Ion Ratio Lower Upper
70 100
42 48.6 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#20
3+4-Methylphenols
Concen: 3.544 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF102647.D
Acq: 30 Jan 2018 18:47

Tgt Ion: 107 Resp: 39814
Ion Ratio Lower Upper
107 100
108 81.9 68.2 108.2
77 31.4 26.7 66.7
79 23.4 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF102647.D

Acq: 30 Jan 2018 18:47

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 664714

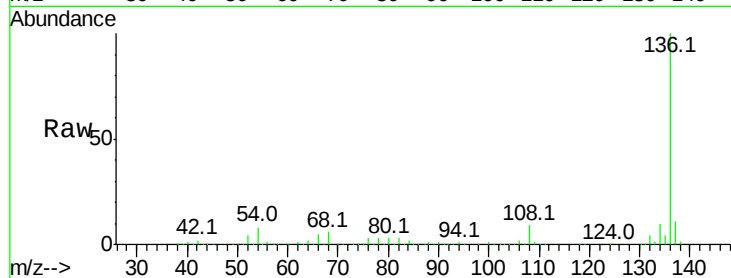
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.9 6.6 9.8

68 5.8 5.0 7.4

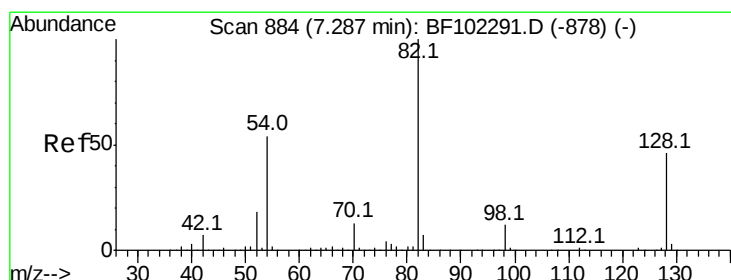
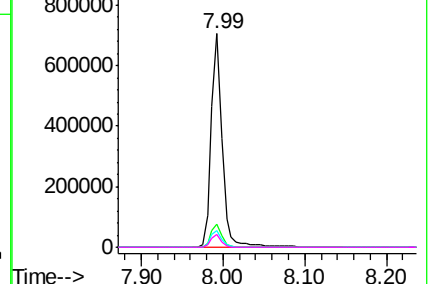
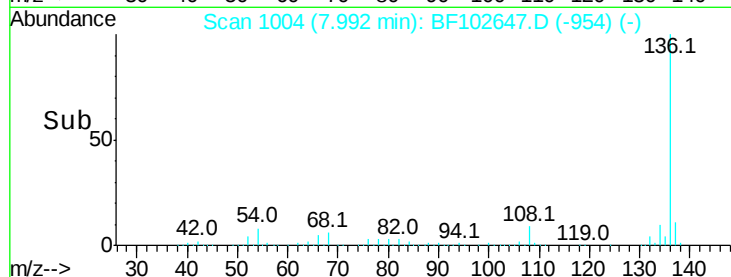


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.861 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102647.D

Acq: 30 Jan 2018 18:47

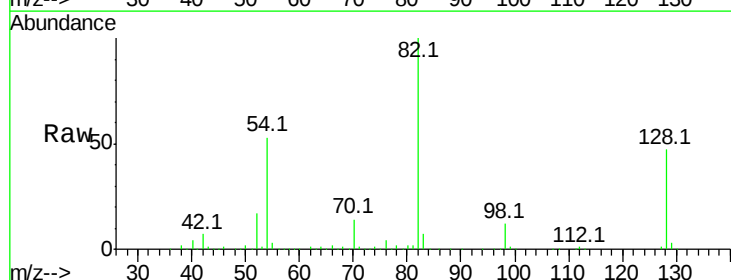
Tgt Ion: 82 Resp: 935313

Ion Ratio Lower Upper

82 100

128 46.8 36.1 54.1

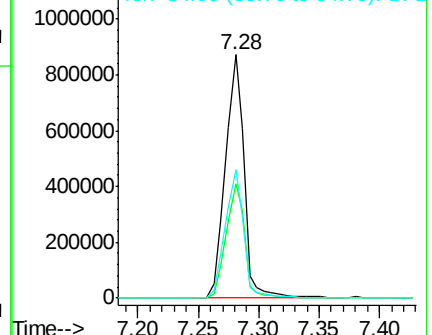
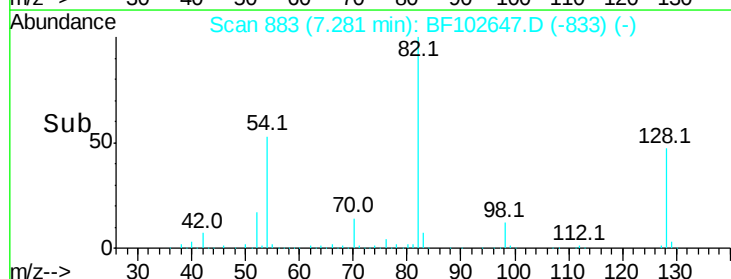
54 52.9 41.4 62.2

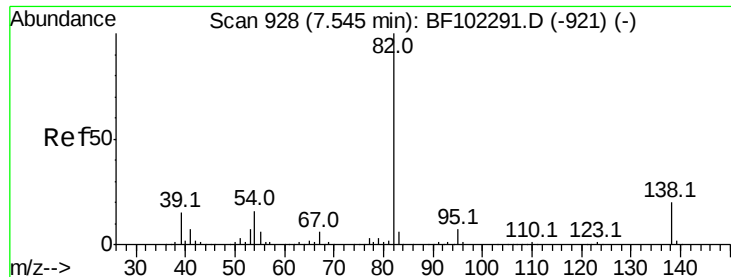


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 45.357 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF102647.D

Acq: 30 Jan 2018 18:47

Instrument :

BNA_F

ClientSampled :

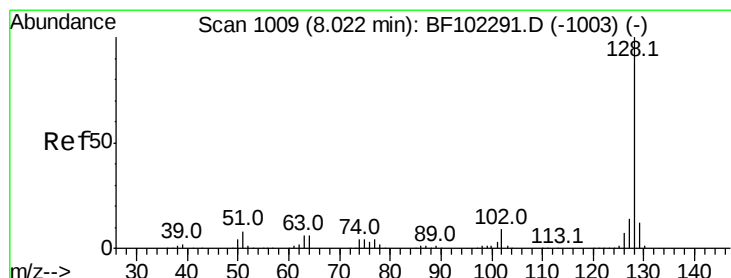
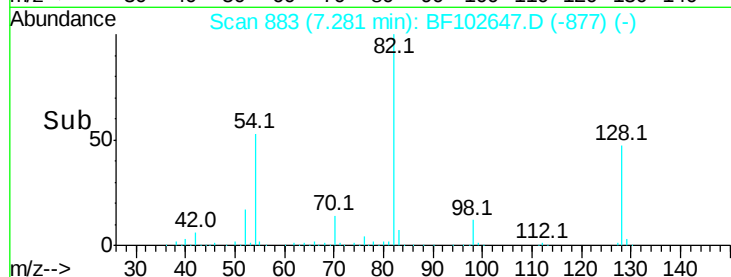
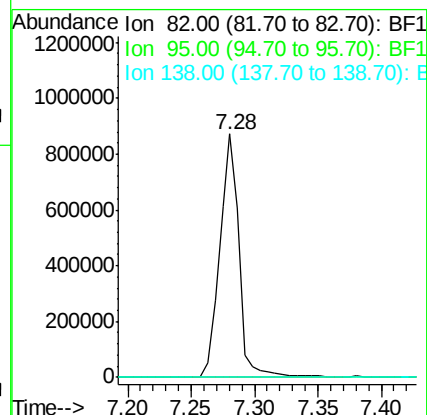
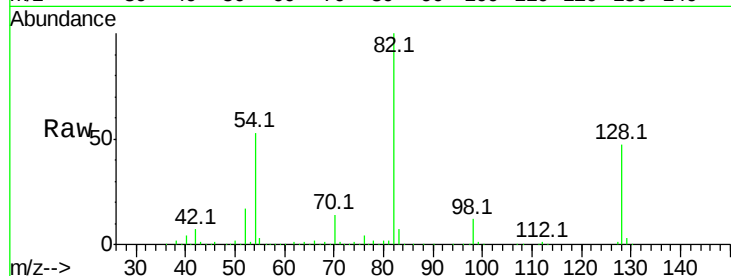
Tot Ion: 82 Resp: 935300

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#31

Naphthalene

Concen: 2.614 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF102647.D

Acq: 30 Jan 2018 18:47

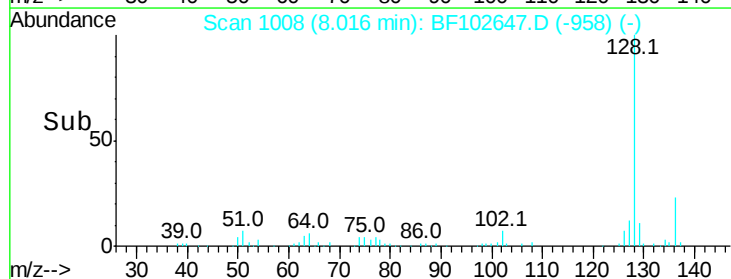
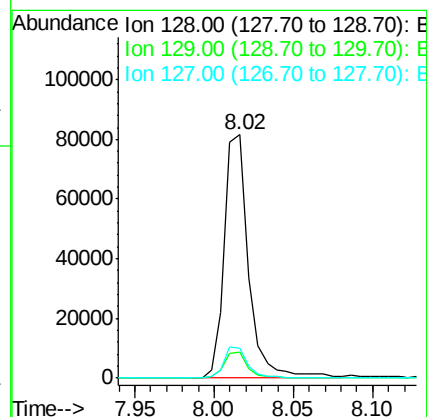
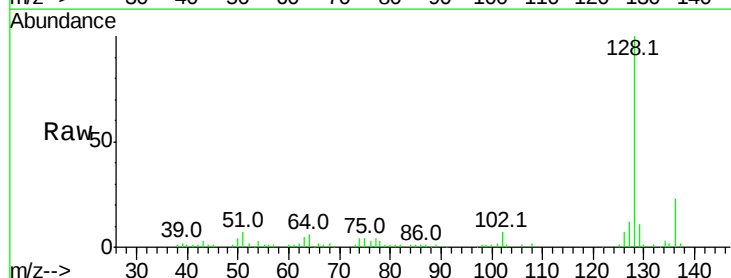
Tgt Ion: 128 Resp: 86750

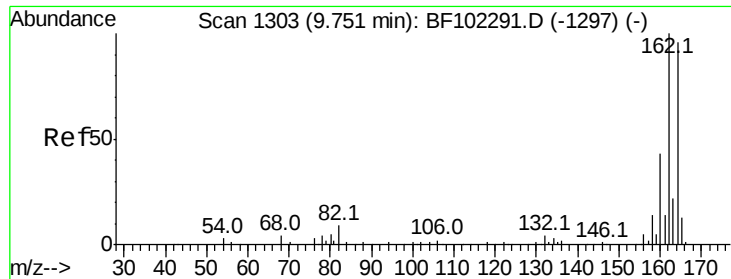
Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

127 12.4 10.9 16.3

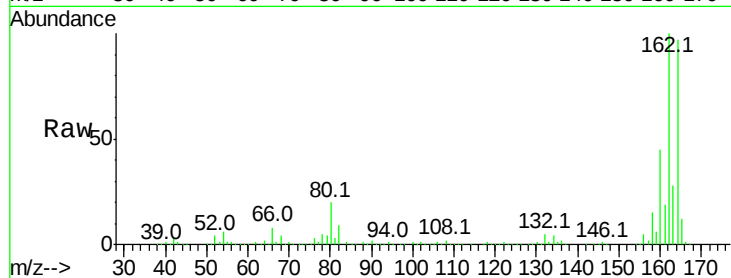




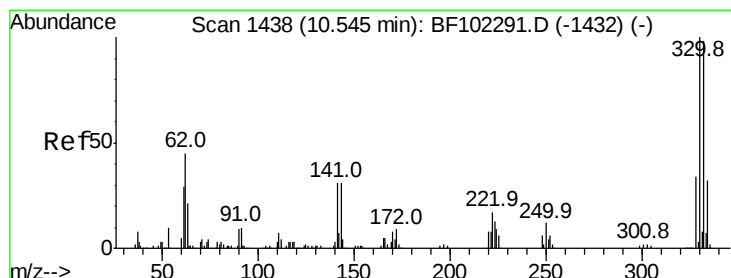
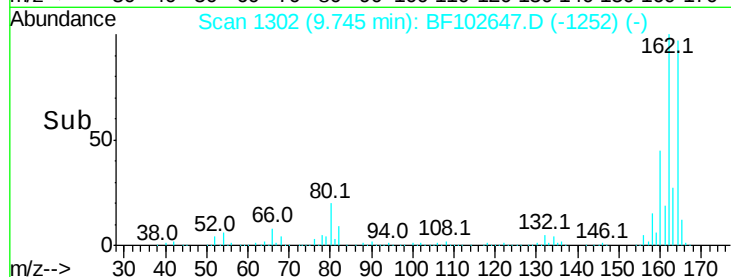
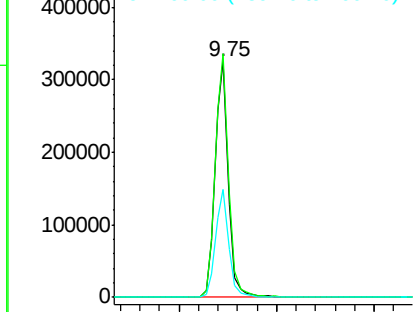
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF102647.D
 Acq: 30 Jan 2018 18:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 304947
 Ion Ratio Lower Upper
 164 100
 162 103.3 86.1 129.1
 160 46.1 38.3 57.5

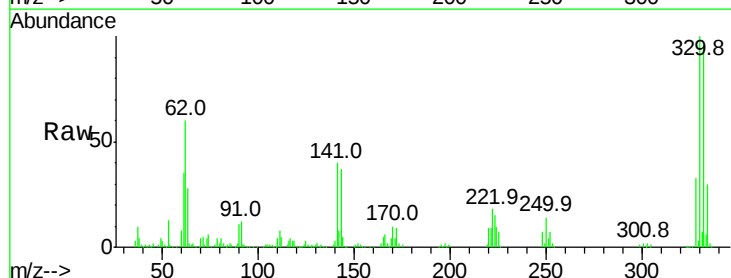


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

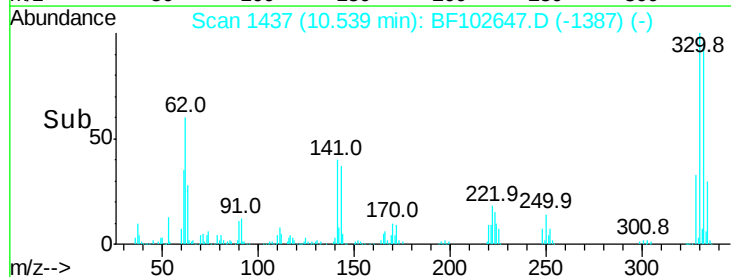
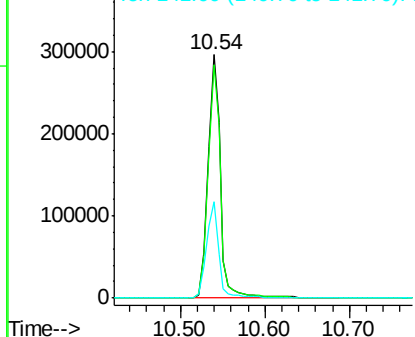


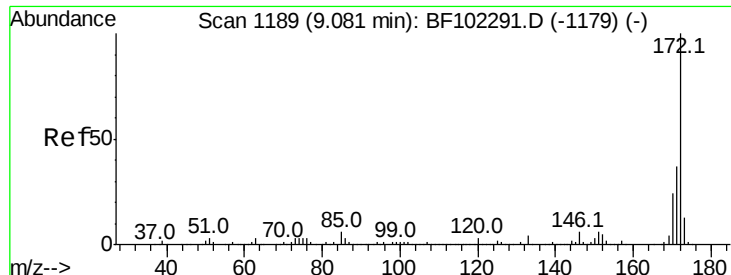
#41
 2,4,6-Tribromophenol
 Concen: 101.135 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102647.D
 Acq: 30 Jan 2018 18:47

Tgt Ion:330 Resp: 305589
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 39.0 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



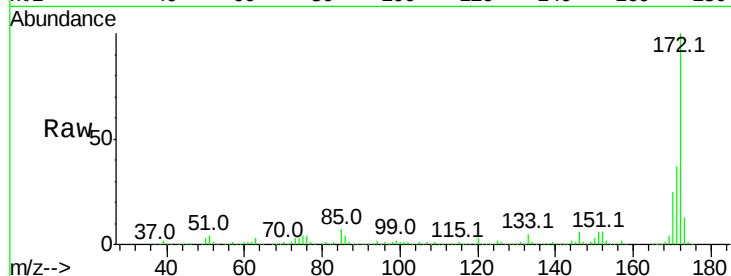


#44
 2-Fluorobiphenyl
 Concen: 78.338 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF102647.D
 Acq: 30 Jan 2018 18:47

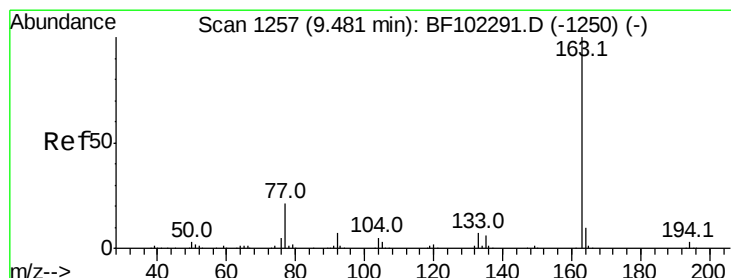
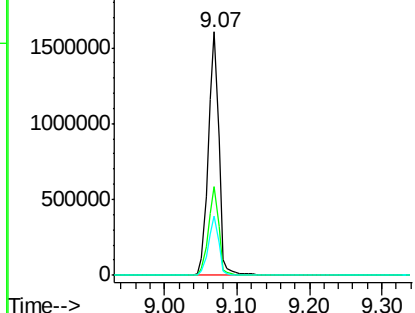
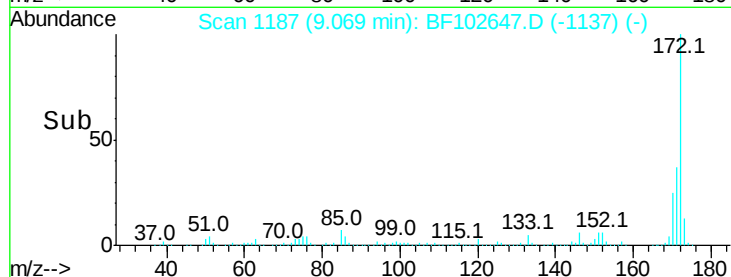
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1624699

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.5	19.6	29.4



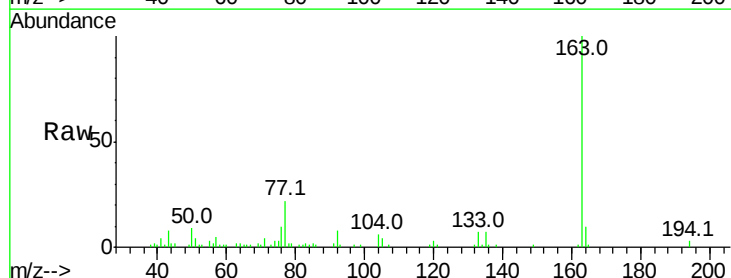
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



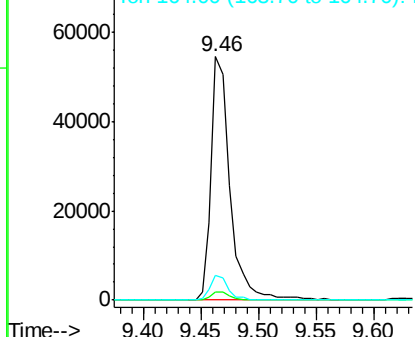
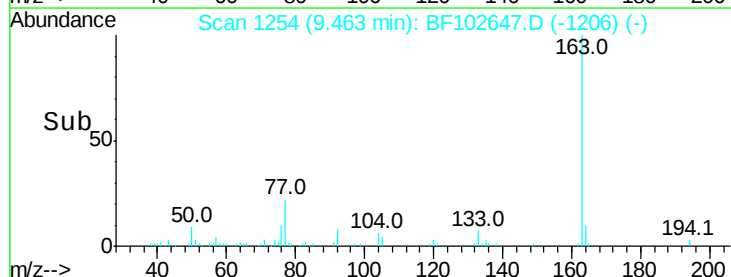
#49
 Dimethylphthalate
 Concen: 2.473 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.02 min
 Lab File: BF102647.D
 Acq: 30 Jan 2018 18:47

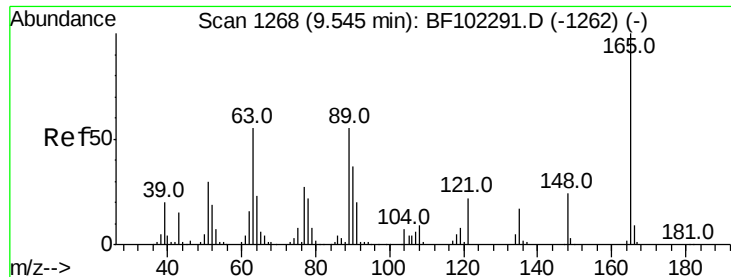
Tgt Ion:163 Resp: 62324

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.1	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

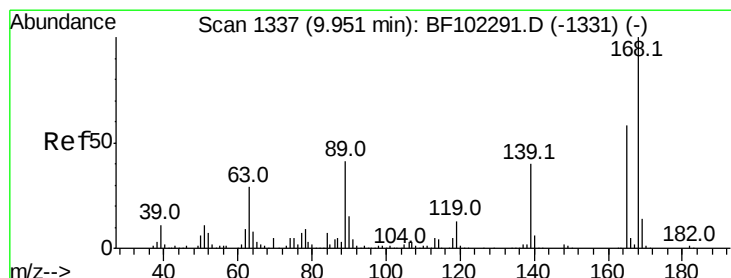
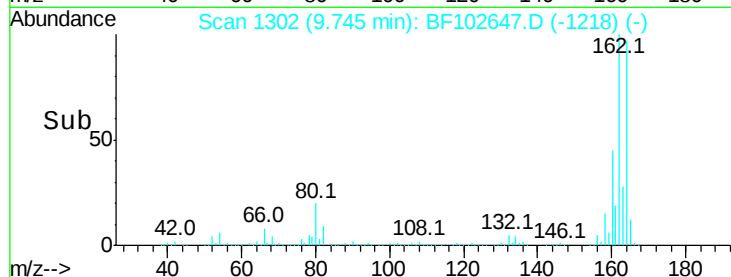
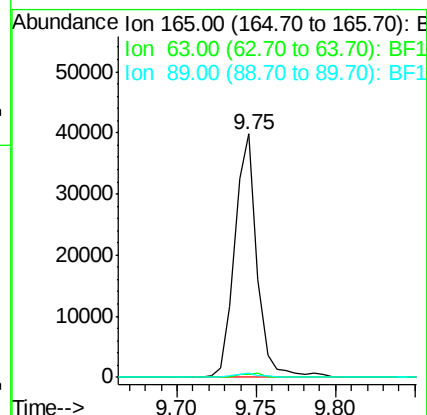
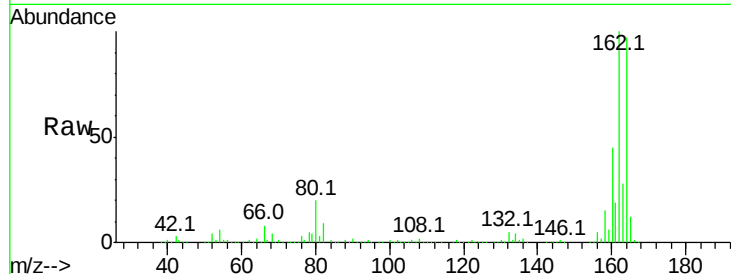




#50
 2,6-Dinitrotoluene
 Concen: 7.128 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. 0.19 min
 Lab File: BF102647.D
 Acq: 30 Jan 2018 18:47

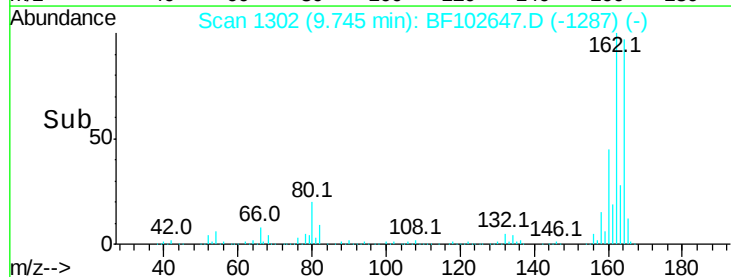
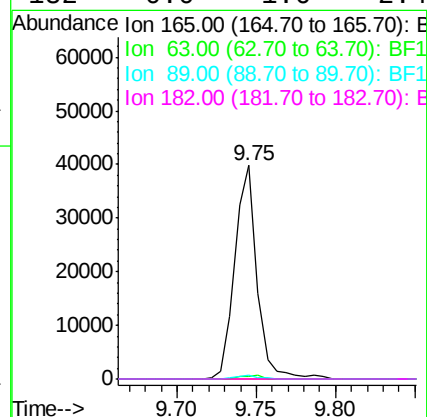
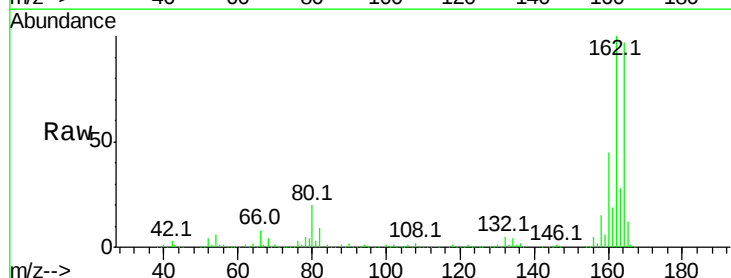
Instrument :
 BNA_F
 ClientSampleId :

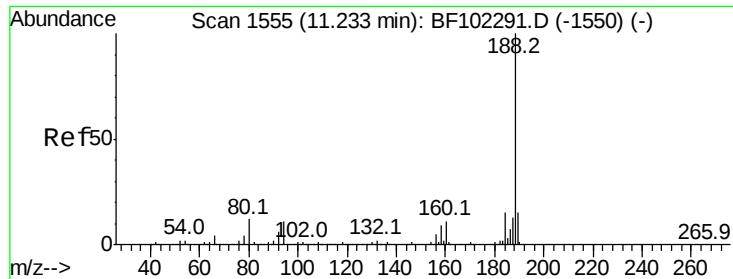
Tot Ion:165 Resp: 38738
 Ion Ratio Lower Upper
 165 100
 63 1.4 44.7 67.1#
 89 1.6 44.0 66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.797 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF102647.D
 Acq: 30 Jan 2018 18:47

Tgt Ion:165 Resp: 38738
 Ion Ratio Lower Upper
 165 100
 63 1.4 36.4 54.6#
 89 1.6 57.8 86.6#
 182 0.0 1.6 2.4#

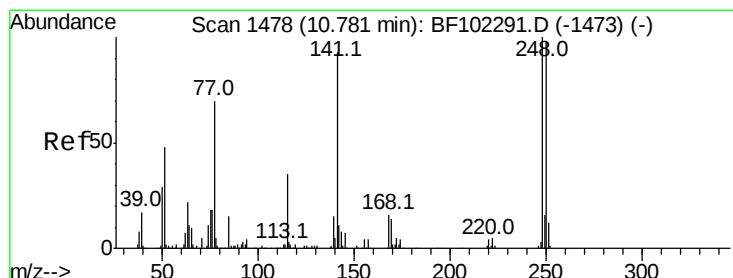
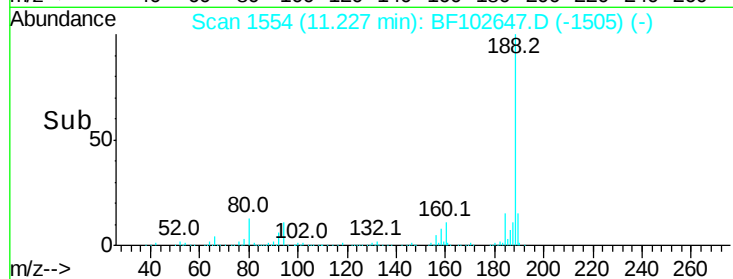
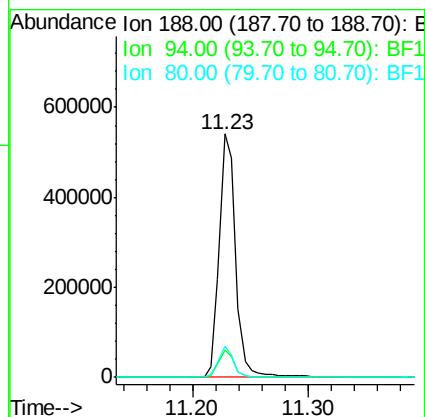
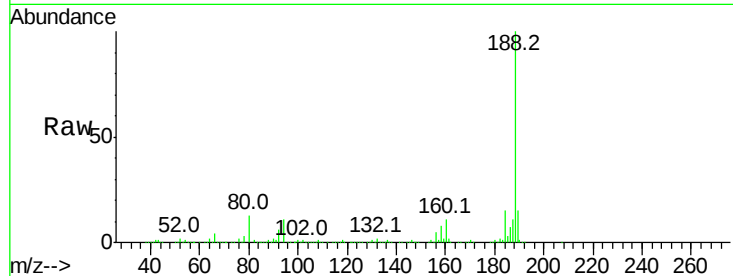




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF102647.D
Acq: 30 Jan 2018 18:47

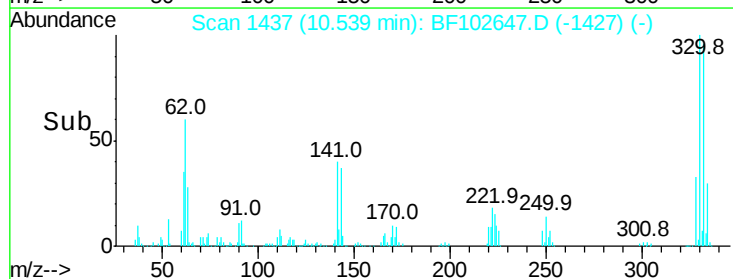
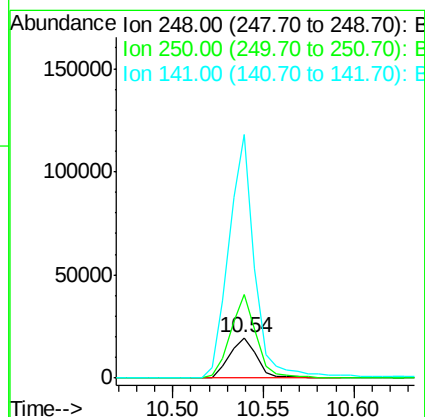
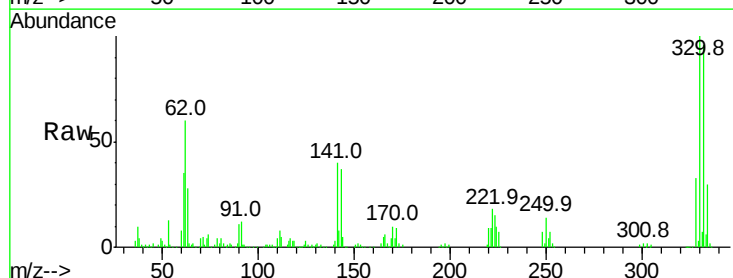
Instrument :
BNA_F
ClientSampleId :

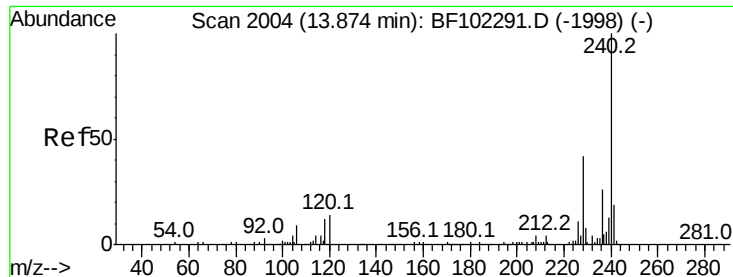
Tot Ion:188 Resp: 534881
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 12.9 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.567 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102647.D
Acq: 30 Jan 2018 18:47

Tgt Ion:248 Resp: 20541
Ion Ratio Lower Upper
248 100
250 206.8 76.9 115.3#
141 600.1 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102647.D

Acq: 30 Jan 2018 18:47

Instrument :

BNA_F

ClientSampled :

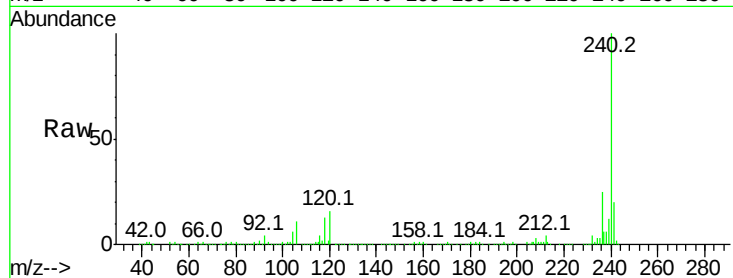
Tot Ion:240 Resp: 434849

Ion Ratio Lower Upper

240 100

120 15.8 9.5 14.3#

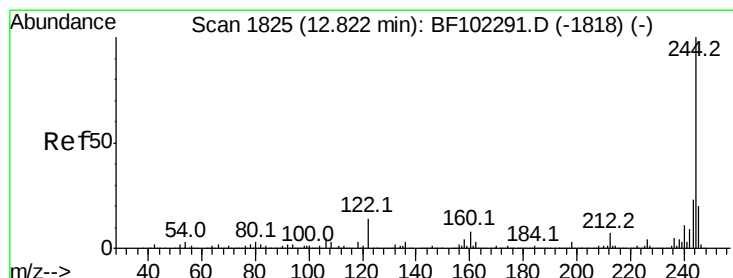
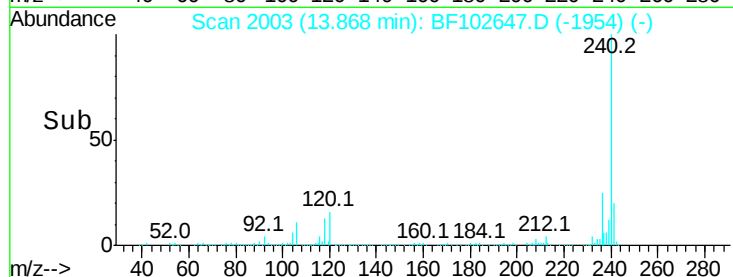
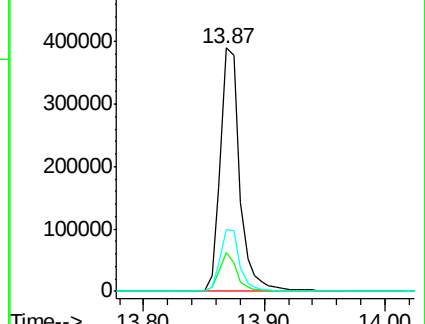
236 25.3 20.7 31.1



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: 82.434 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF102647.D

Acq: 30 Jan 2018 18:47

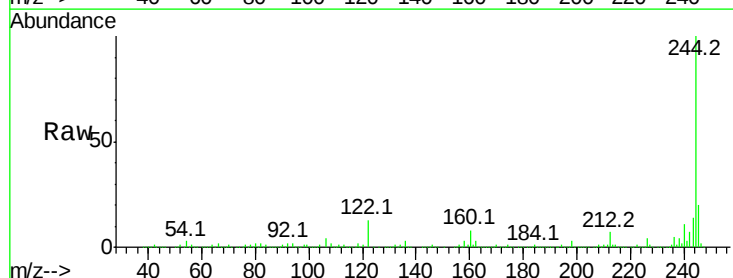
Tgt Ion:244 Resp: 1590099

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

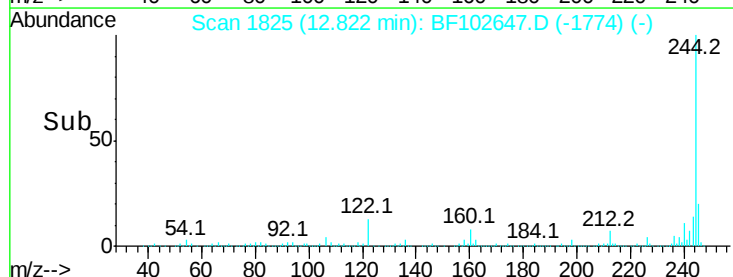
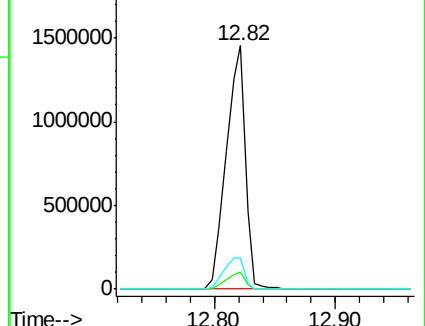
122 12.9 11.0 16.4

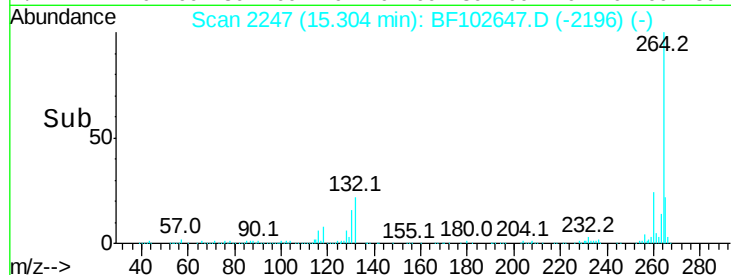
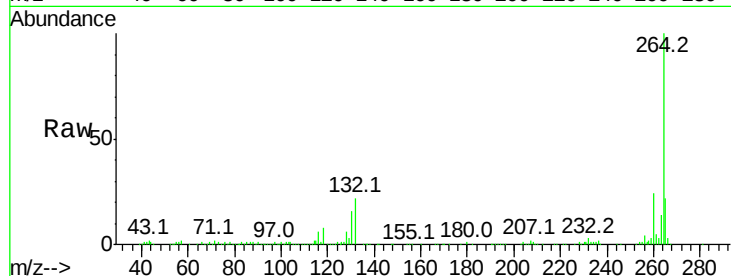
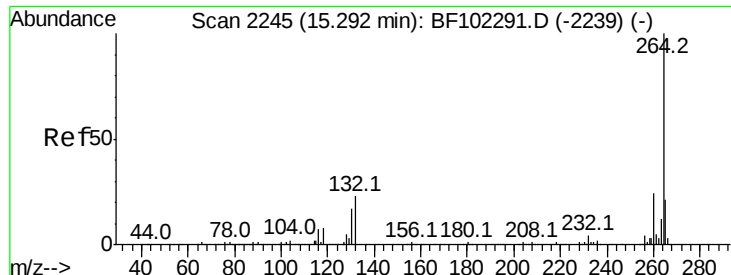


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.30 min Scan# 2247
Delta R.T. 0.00 min
Lab File: BF102647.D
Acq: 30 Jan 2018 18:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264	Resp:	323210
Ion	Ratio	Lower Upper
264	100	
260	24.0	19.2 28.8
265	21.5	17.5 26.3

