

Data Path : U:\HPCHEM1\BNA F\DATA\BF012818\
 Data File : BF102563.D
 Acq On : 28 Jan 2018 17:54
 Operator : SJ/JU
 Sample : J1290-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 29 03:16:40 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

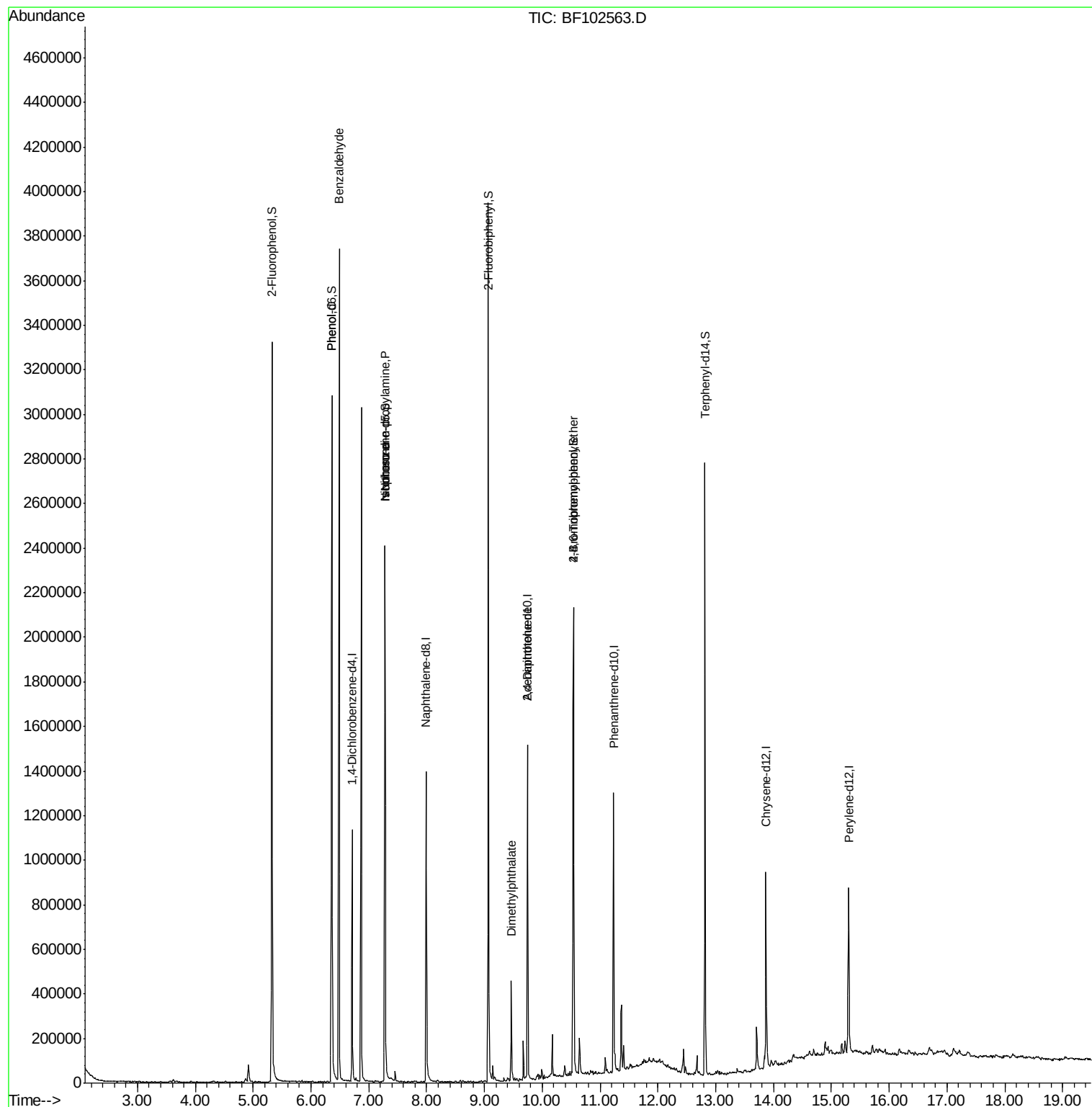
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	156929	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	658799	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	288456	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	457421	20.00	ng	0.00
75) Chrysene-d12	13.87	240	297006	20.00	ng	-0.01
86) Perylene-d12	15.30	264	318928	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1066602	103.06	ng	0.00
7) Phenol-d6	6.36	99	1291594	103.51	ng	0.00
23) Nitrobenzene-d5	7.28	82	804902	70.21	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	235106	82.26	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1305268	66.53	ng	0.00
78) Terphenyl-d14	12.82	244	907169	68.86	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	22708	2.632	ng	82
10) Phenol	6.37	94	57428	4.216	ng	89
19) n-Nitroso-di-n-propylamine	7.28	70	106536	13.952	ng	# 80
25) Isophorone	7.28	82	804897	39.383	ng	# 64
49) Dimethylphthalate	9.46	163	171349	7.187	ng	100
56) 2,4-Dinitrotoluene	9.75	165	36799	5.821	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	16795	3.411	ng	# 1

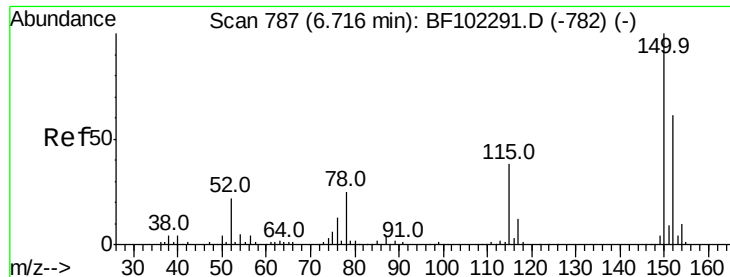
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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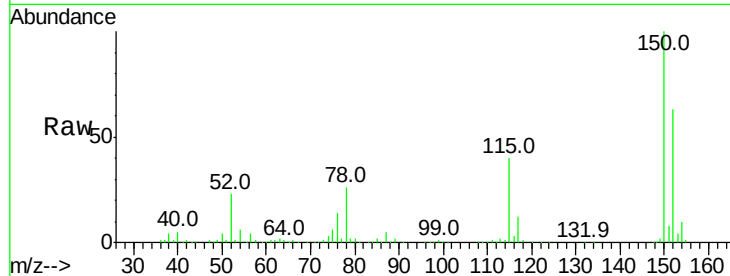


#1

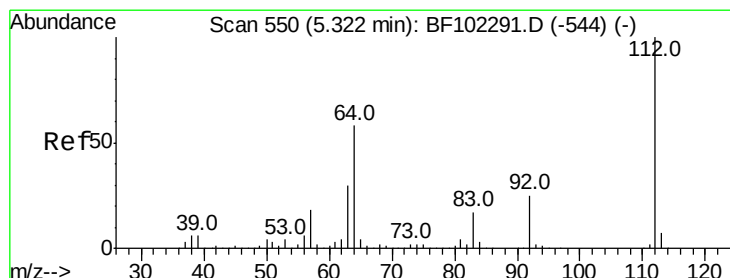
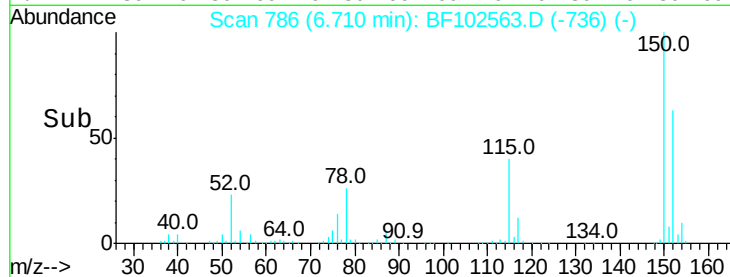
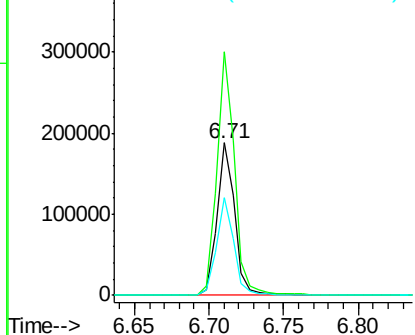
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102563.D
Acq: 28 Jan 2018 17:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 156929
Ion Ratio Lower Upper
152 100
150 159.5 124.6 186.8
115 63.7 50.1 75.1



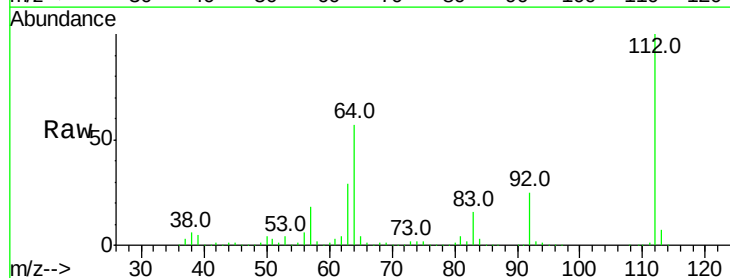
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



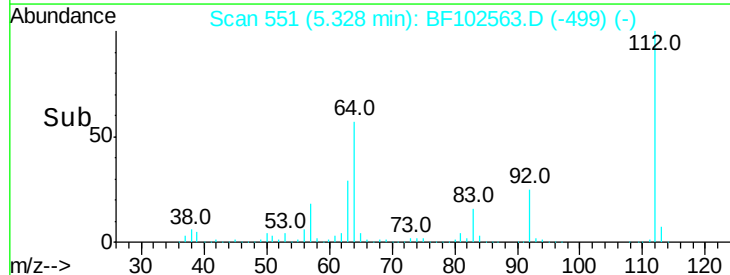
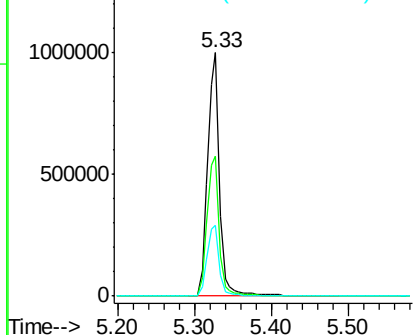
#5

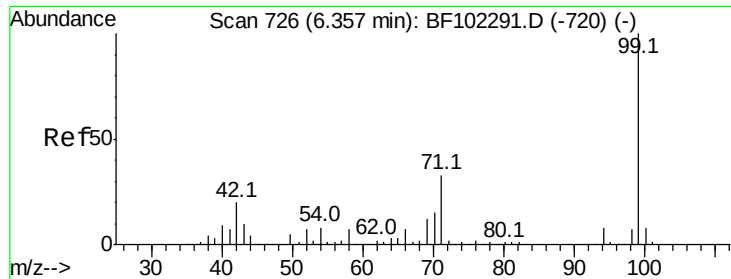
2-Fluorophenol
Concen: 103.056 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102563.D
Acq: 28 Jan 2018 17:54

Tgt Ion:112 Resp: 1066602
Ion Ratio Lower Upper
112 100
64 57.3 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: 103.513 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102563.D

Acq: 28 Jan 2018 17:54

Instrument :

BNA_F

ClientSampled :

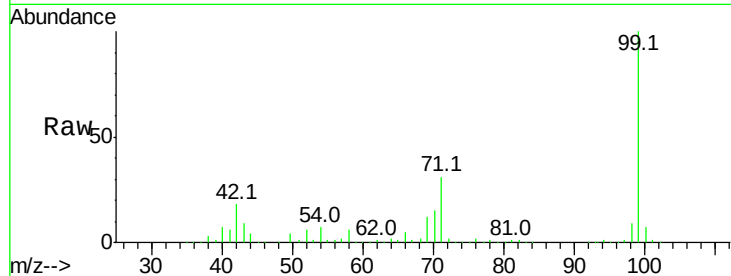
Tot Ion: 99 Resp: 1291594

Ion Ratio Lower Upper

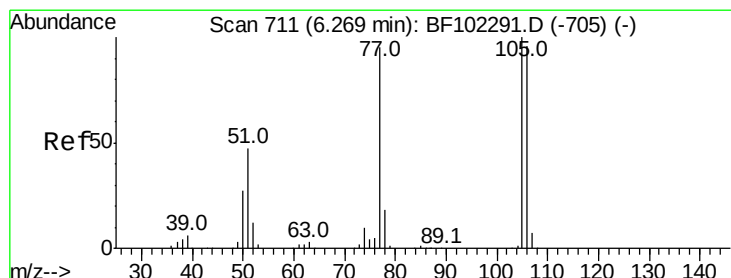
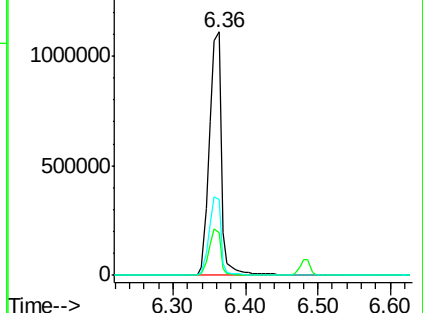
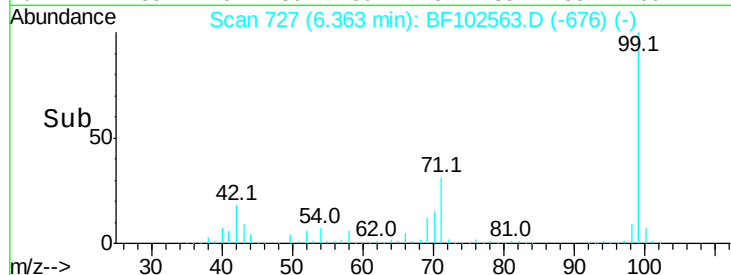
99 100

42 17.7 14.5 21.7

71 31.3 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: 2.632 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF102563.D

Acq: 28 Jan 2018 17:54

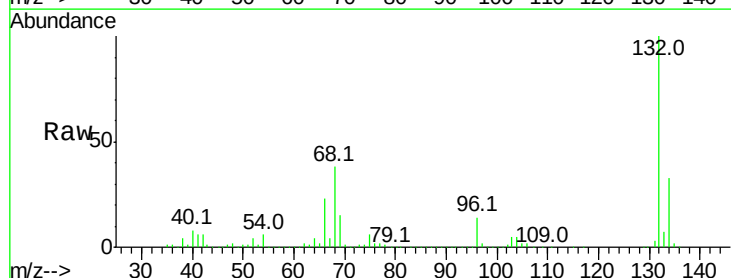
Tgt Ion: 77 Resp: 22708

Ion Ratio Lower Upper

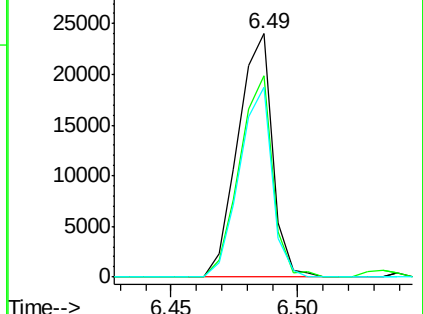
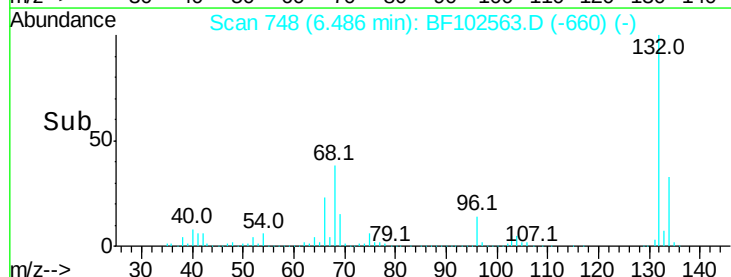
77 100

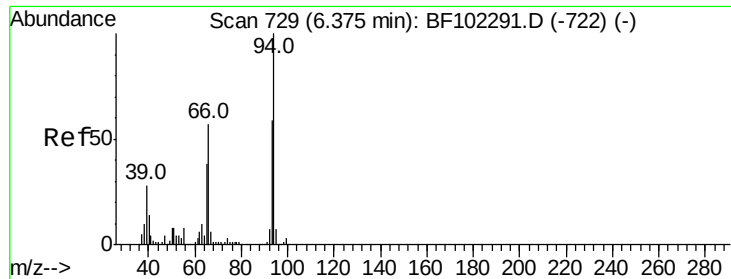
105 82.9 81.1 121.1

106 77.7 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: 4.216 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102563.D

Acq: 28 Jan 2018 17:54

Instrument :

BNA_F

ClientSampleId :

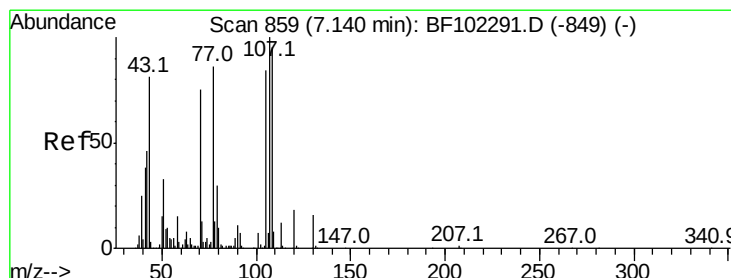
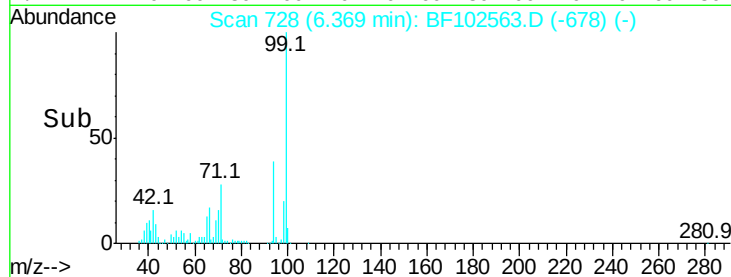
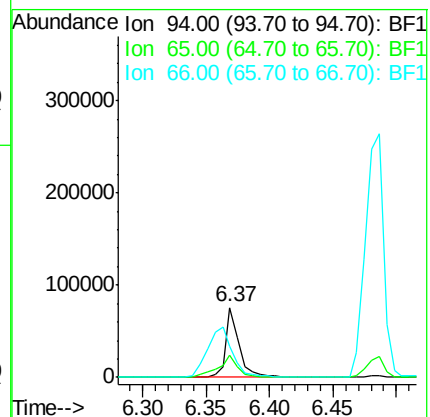
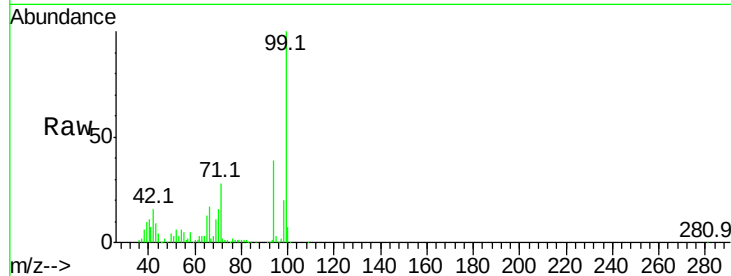
Tot Ion: 94 Resp: 57428

Ion Ratio Lower Upper

94 100

65 32.1 7.9 47.9

66 44.1 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 13.952 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF102563.D

Acq: 28 Jan 2018 17:54

Tgt Ion: 70 Resp: 106536

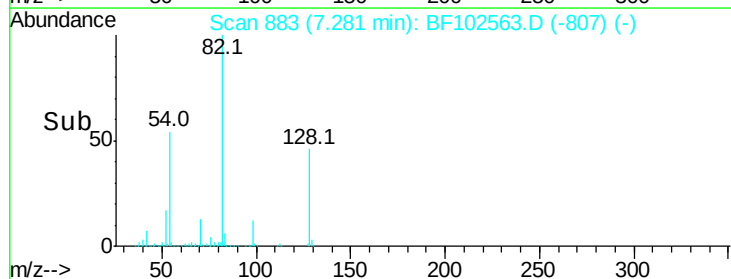
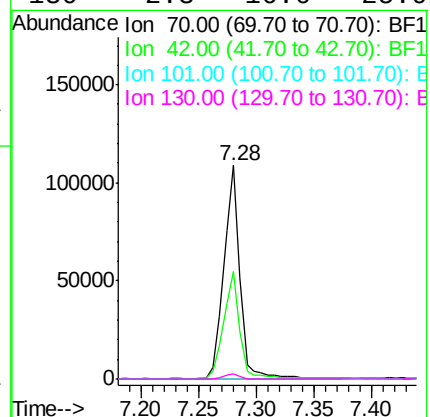
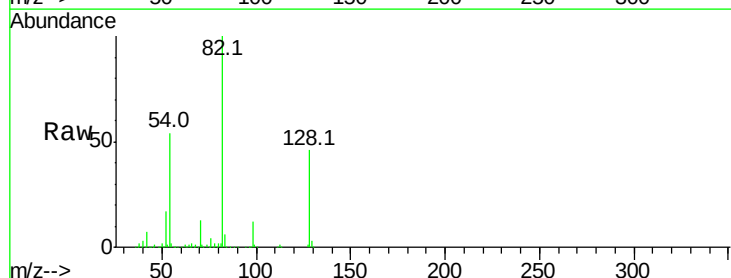
Ion Ratio Lower Upper

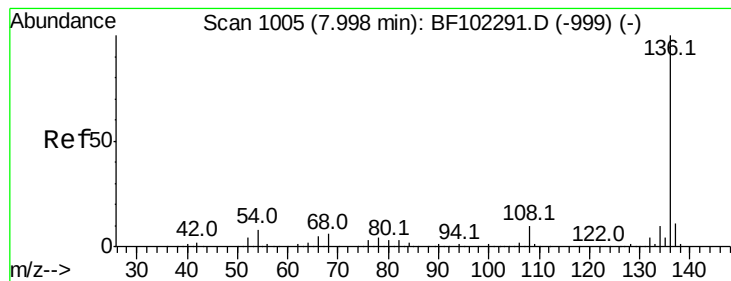
70 100

42 50.6 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: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF102563.D

Acq: 28 Jan 2018 17:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 658799

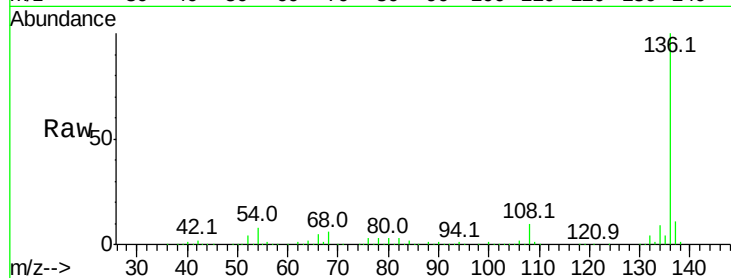
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.3 6.6 9.8

68 6.1 5.0 7.4

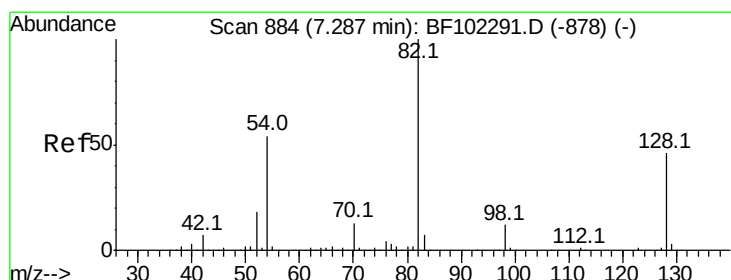
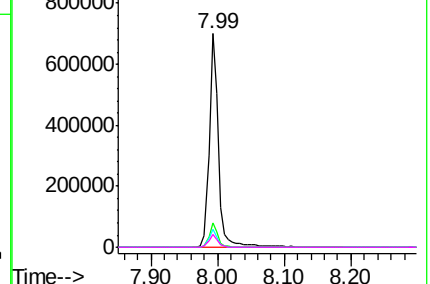
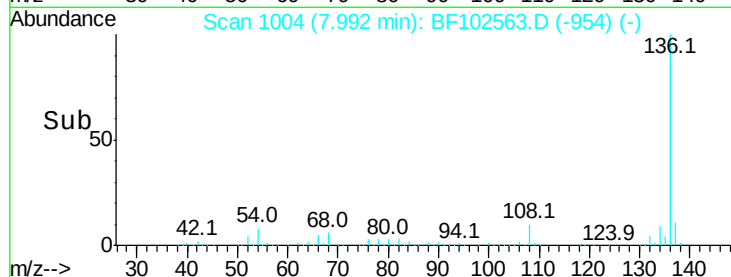


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.211 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102563.D

Acq: 28 Jan 2018 17:54

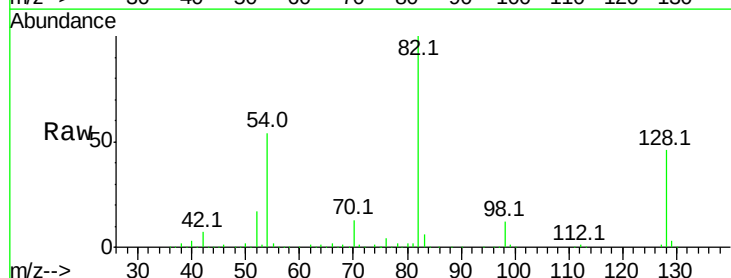
Tgt Ion: 82 Resp: 804902

Ion Ratio Lower Upper

82 100

128 45.9 36.1 54.1

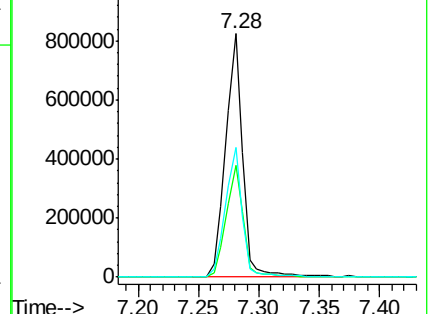
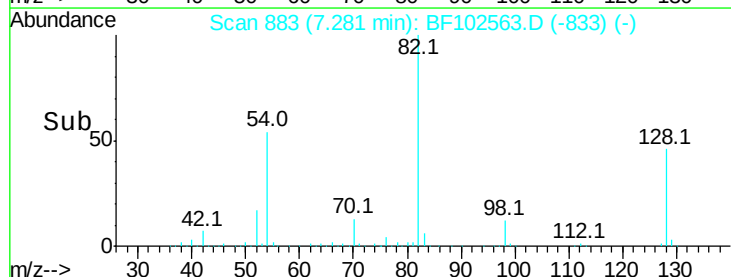
54 53.5 41.4 62.2

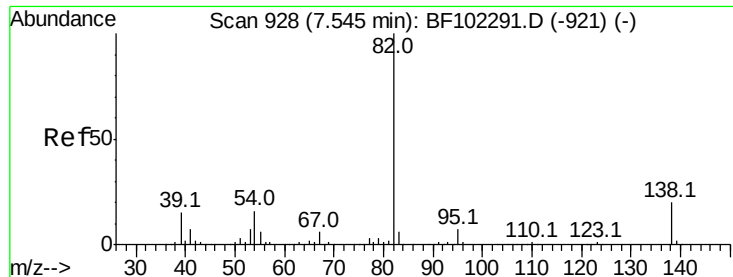


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 39.383 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF102563.D

Acq: 28 Jan 2018 17:54

Instrument :

BNA_F

ClientSampleId :

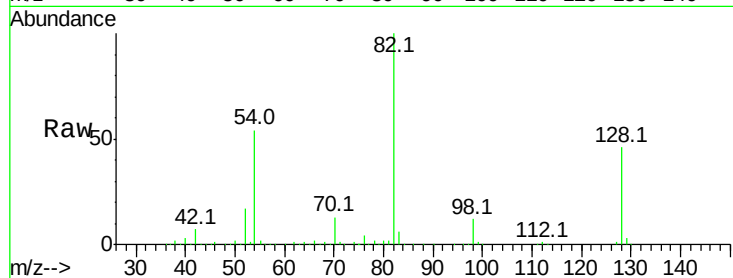
Tot Ion: 82 Resp: 804897

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

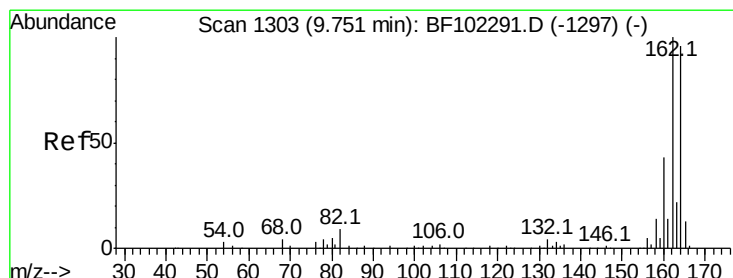
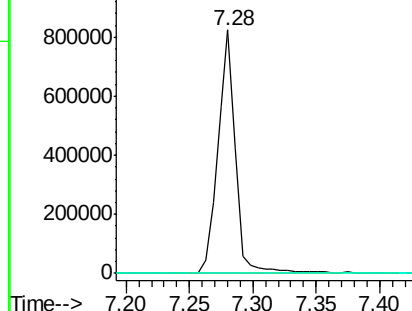
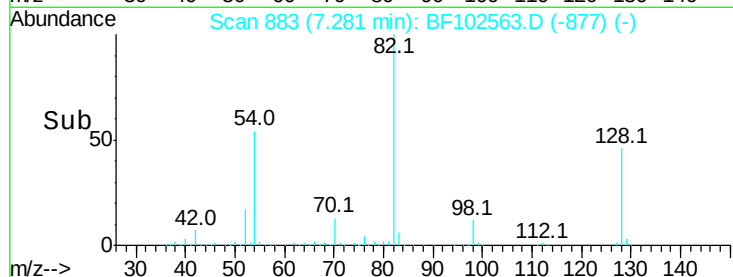
138 0.0 14.9 22.3#



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: BF102563.D

Acq: 28 Jan 2018 17:54

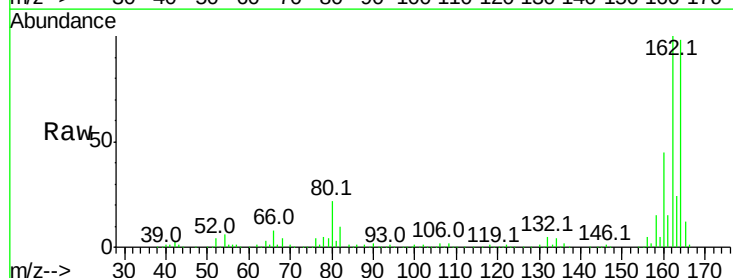
Tgt Ion:164 Resp: 288456

Ion Ratio Lower Upper

164 100

162 101.8 86.1 129.1

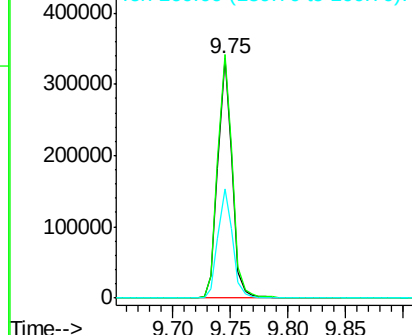
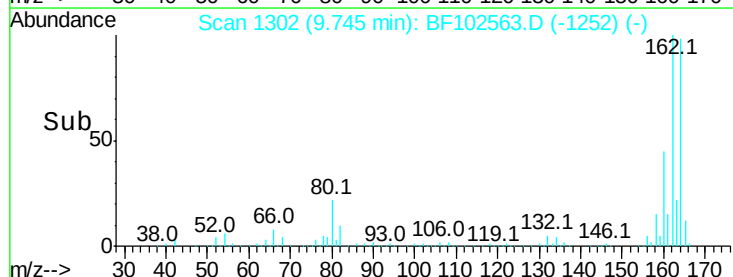
160 45.9 38.3 57.5

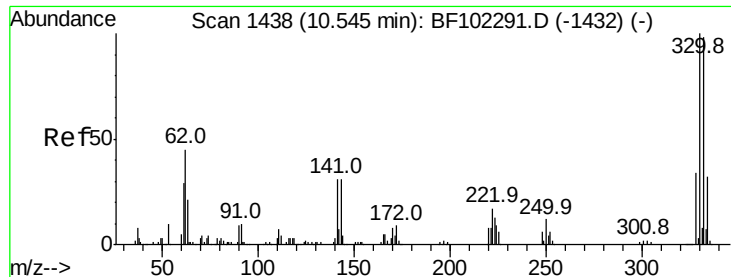


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

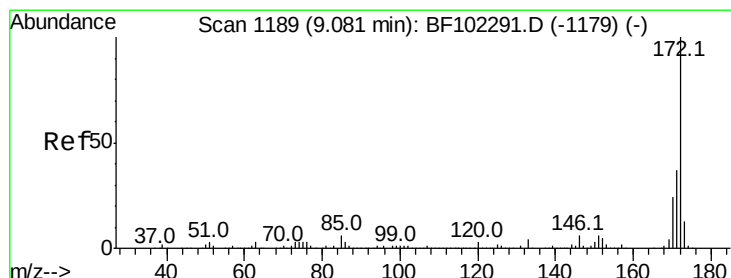
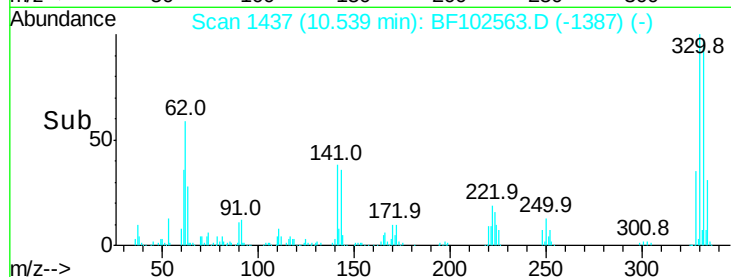
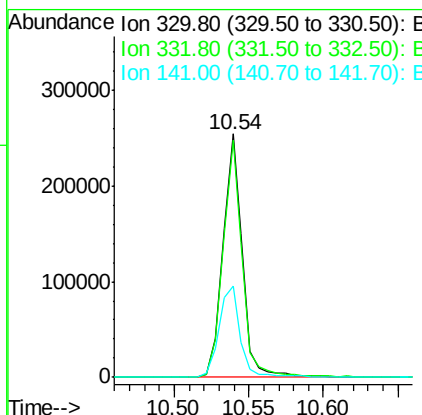
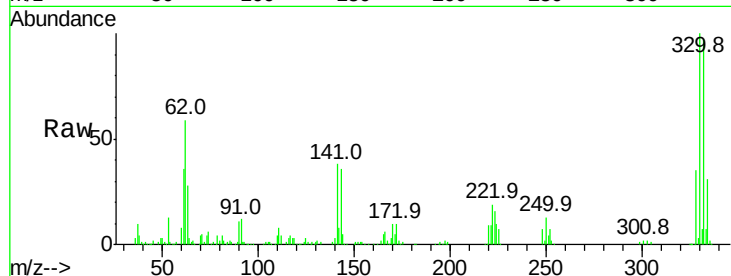




#41
 2,4,6-Tribromophenol
 Concen: 82.257 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102563.D
 Acq: 28 Jan 2018 17:54

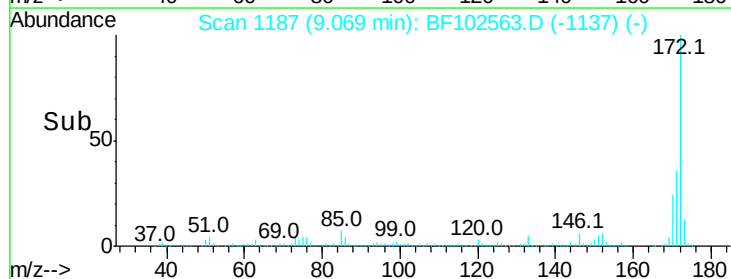
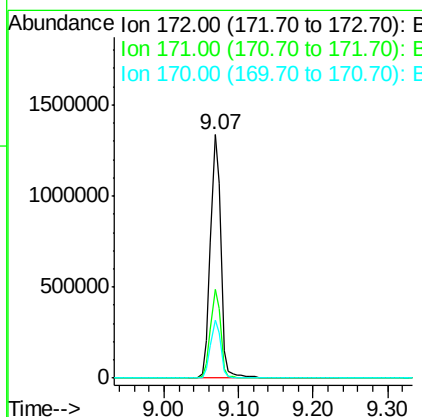
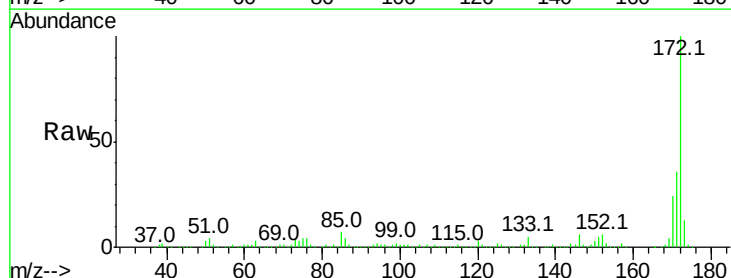
Instrument :
 BNA_F
 ClientSampleId :

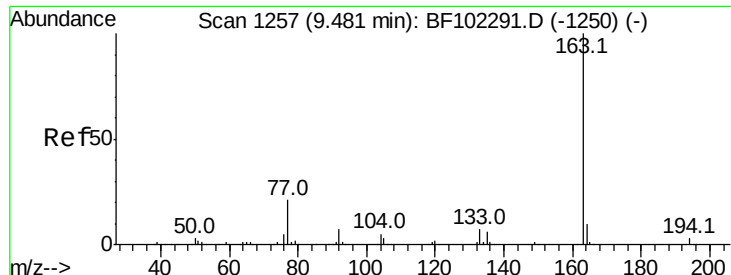
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	41.5	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 66.534 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF102563.D
 Acq: 28 Jan 2018 17:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	23.6	19.6	29.4

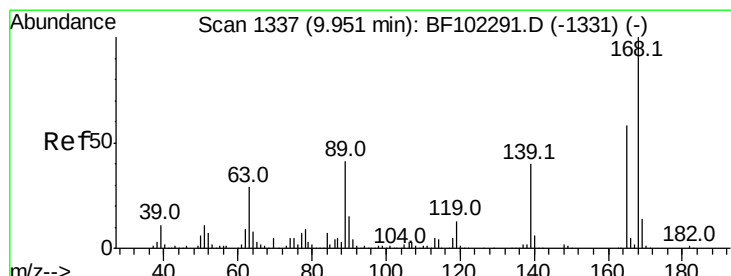
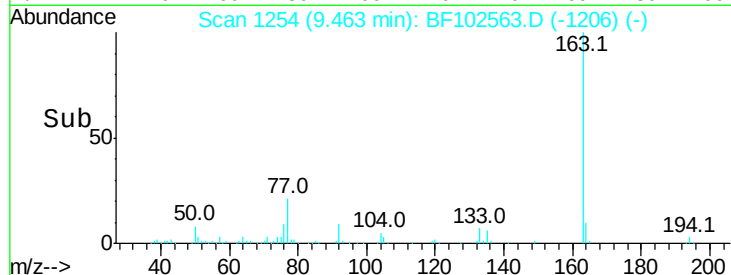
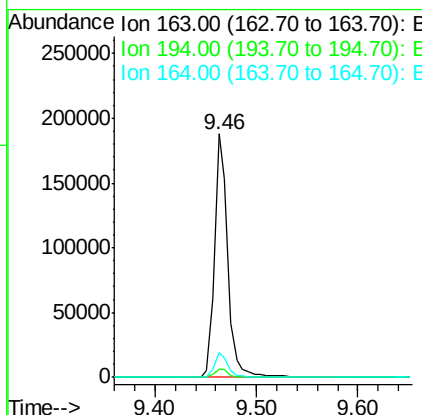
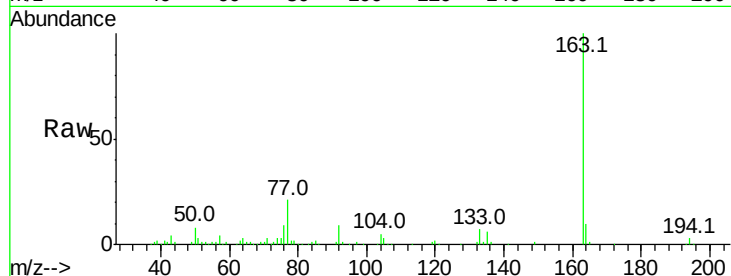




#49
 Dimethylphthalate
 Concen: 7.187 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.02 min
 Lab File: BF102563.D
 Acq: 28 Jan 2018 17:54

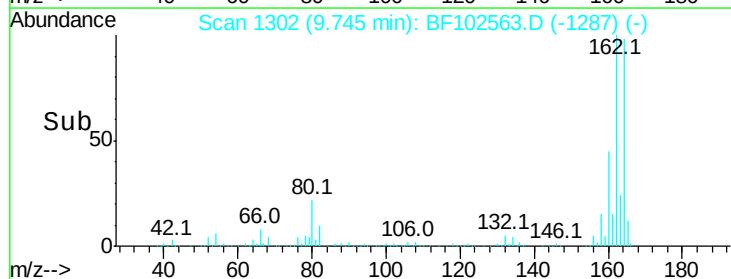
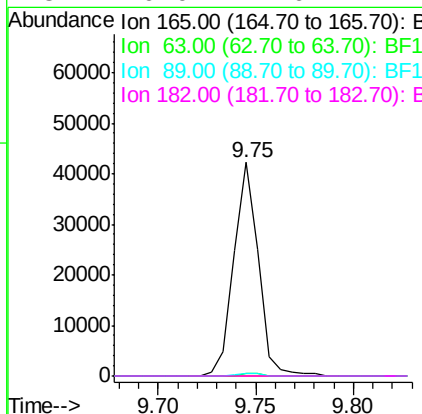
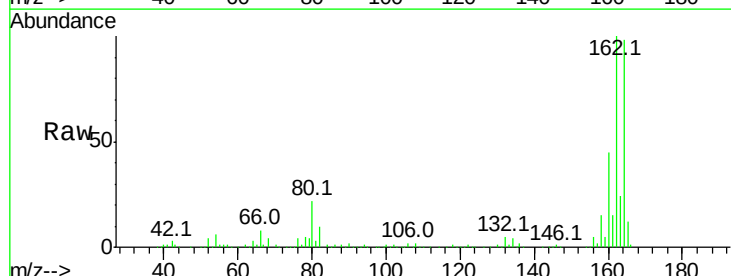
Instrument :
 BNA_F
 ClientSampled :

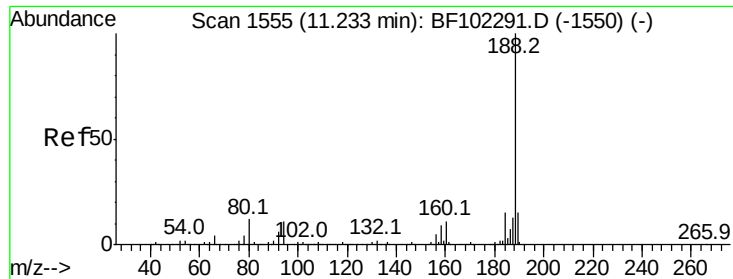
Tot Ion:	163	Resp:	171349
Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.2	8.2	12.2



#56
 2,4-Dinitrotoluene
 Concen: 5.821 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF102563.D
 Acq: 28 Jan 2018 17:54

Tgt Ion:	165	Resp:	36799
Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

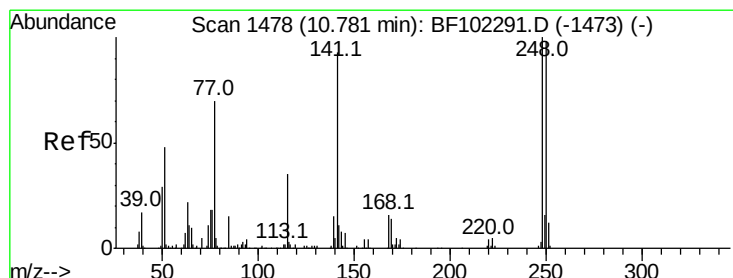
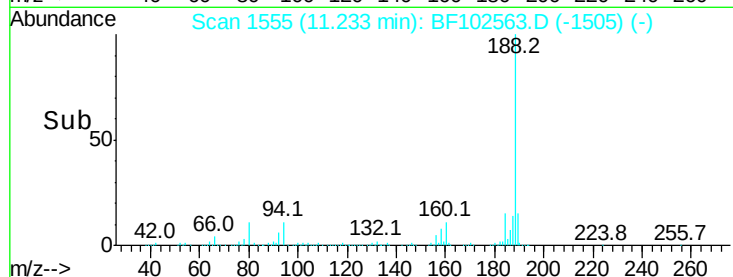
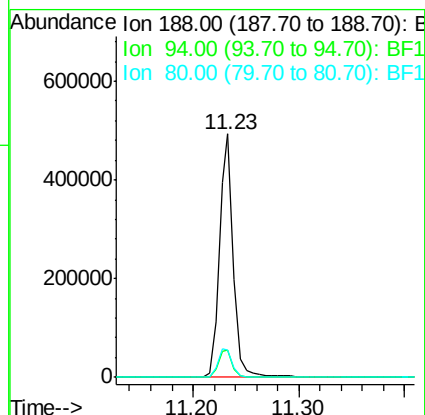
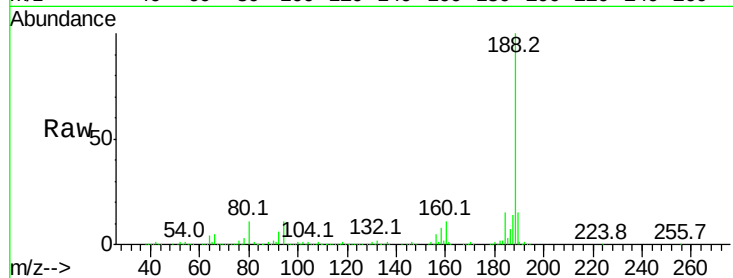




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102563.D
Acq: 28 Jan 2018 17:54

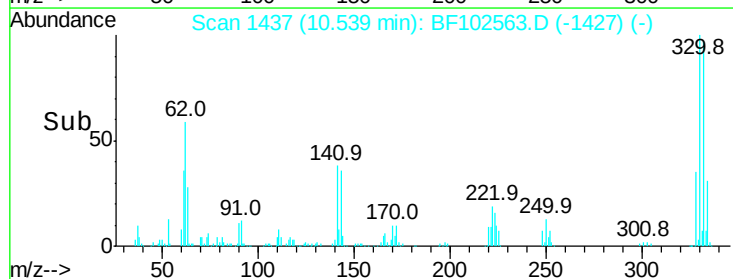
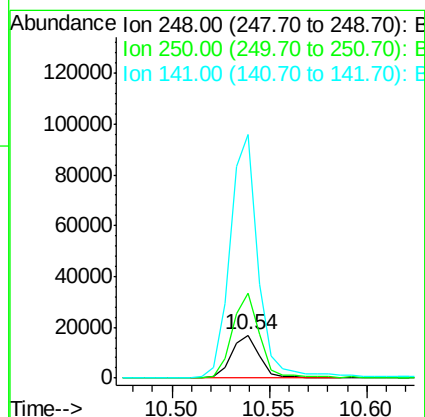
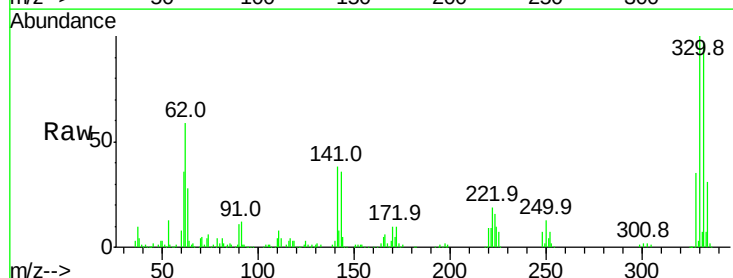
Instrument :
BNA_F
ClientSampleId :

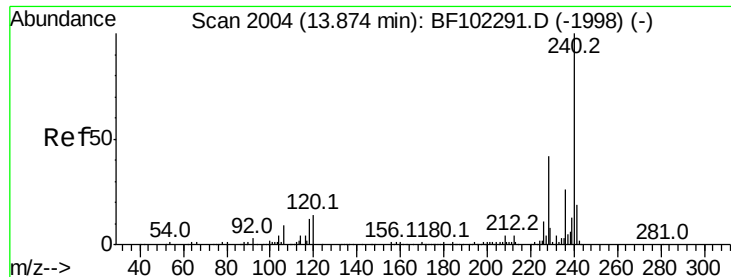
Tot Ion:188 Resp: 457421
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.4 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.411 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102563.D
Acq: 28 Jan 2018 17:54

Tgt Ion:248 Resp: 16795
Ion Ratio Lower Upper
248 100
250 199.9 76.9 115.3#
141 569.3 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: BF102563.D

Acq: 28 Jan 2018 17:54

Instrument :

BNA_F

ClientSampleId :

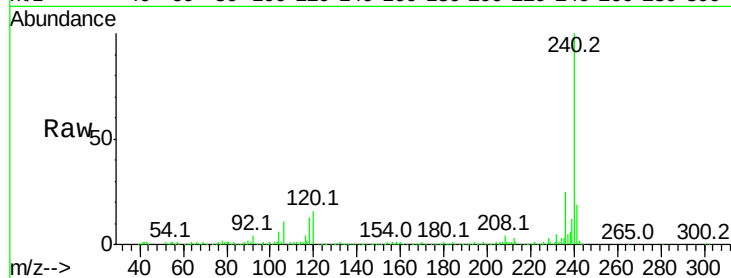
Tot Ion:240 Resp: 297006

Ion Ratio Lower Upper

240 100

120 16.0 9.5 14.3#

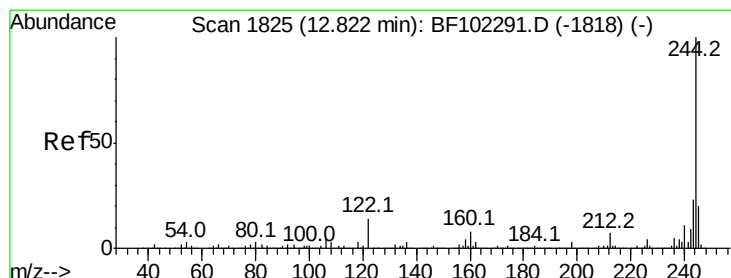
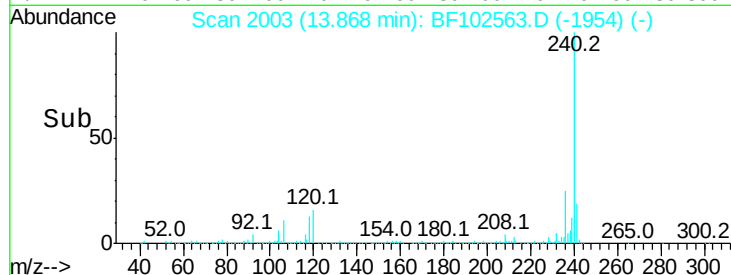
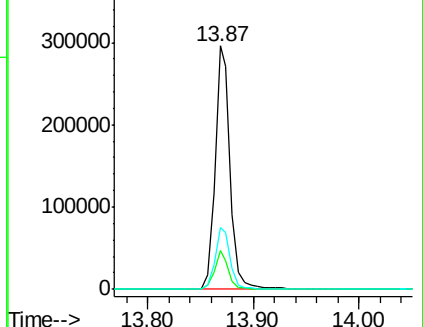
236 25.4 20.7 31.1



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: 68.857 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF102563.D

Acq: 28 Jan 2018 17:54

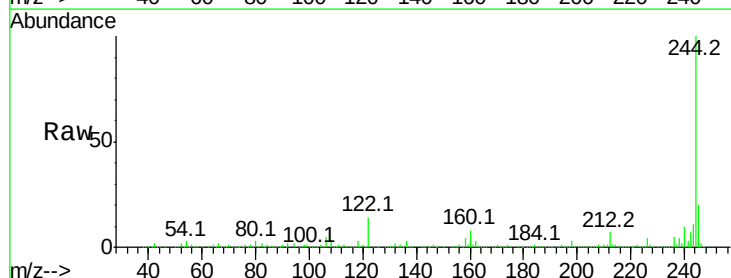
Tgt Ion:244 Resp: 907169

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

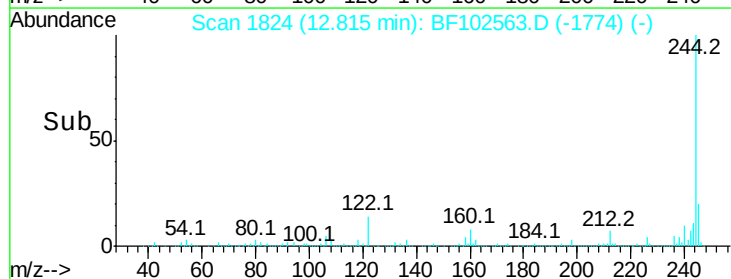
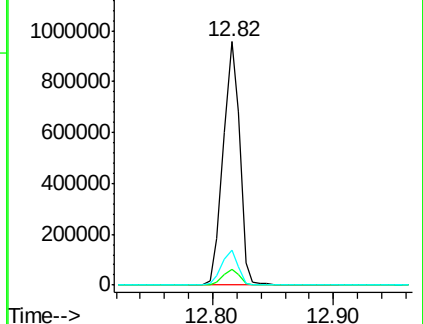
122 14.4 11.0 16.4

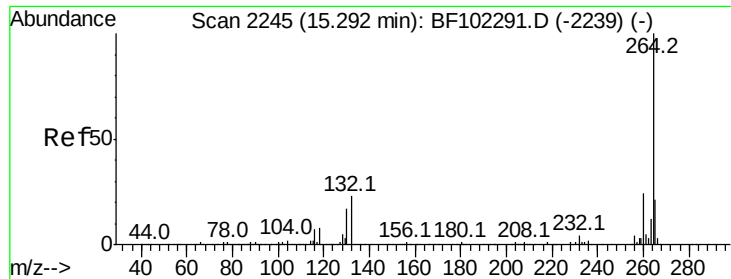


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

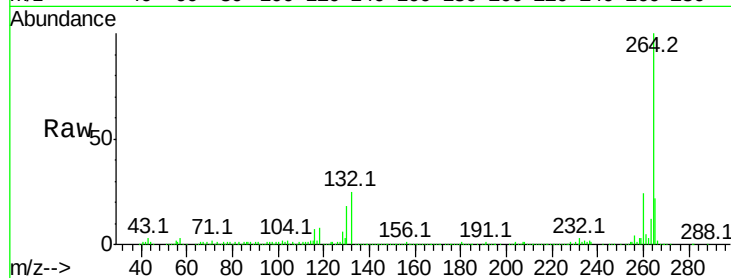




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BF102563.D
 Acq: 28 Jan 2018 17:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.9	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

