

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
 Data File : BF102502.D
 Acq On : 27 Jan 2018 11:29
 Operator : SJ/JU
 Sample : J1306-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC1

Quant Time: Jan 27 20:56:00 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

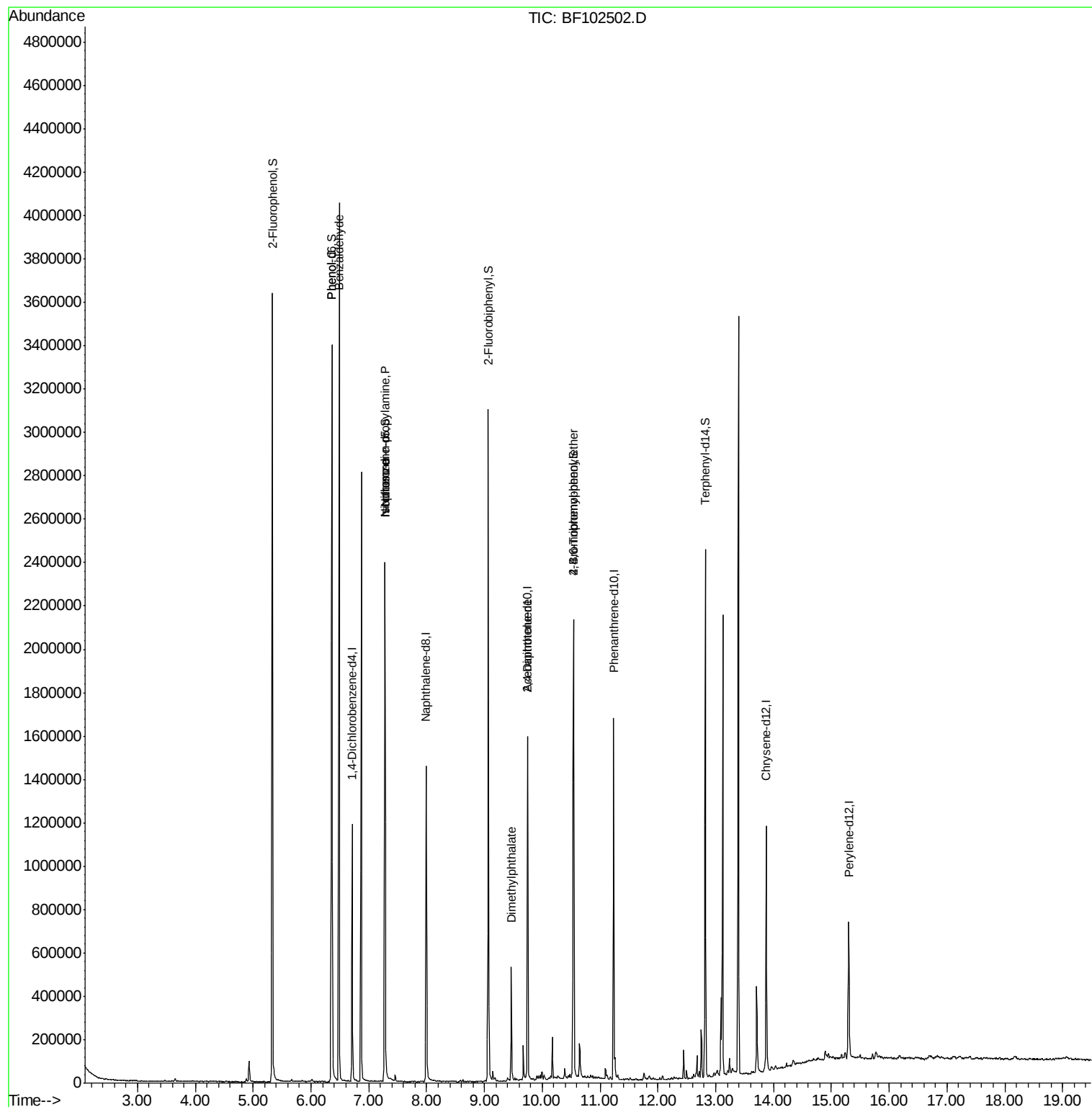
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	181449	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	765316	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	345777	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	585394	20.00	ng	0.00
75) Chrysene-d12	13.87	240	353935	20.00	ng	0.00
86) Perylene-d12	15.30	264	295898	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1129195	94.36	ng	0.01
7) Phenol-d6	6.36	99	1371658	95.07	ng	0.00
23) Nitrobenzene-d5	7.28	82	872182	65.49	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	250222	73.03	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1065987	45.33	ng	0.00
78) Terphenyl-d14	12.82	244	843840	53.75	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	23385	2.359	ng	83
10) Phenol	6.37	94	55005	3.492	ng	78
19) n-Nitroso-di-n-propylamine	7.28	70	113918	12.903	ng	# 81
25) Isophorone	7.28	82	864281	36.403	ng	# 64
49) Dimethylphthalate	9.47	163	224355	7.850	ng	99
56) 2,4-Dinitrotoluene	9.75	165	44089	5.818	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	17431	2.766	ng	# 1

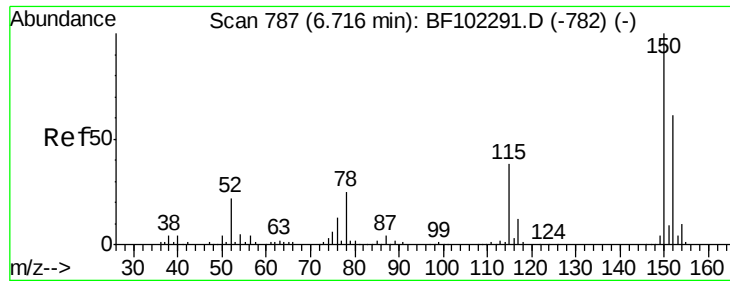
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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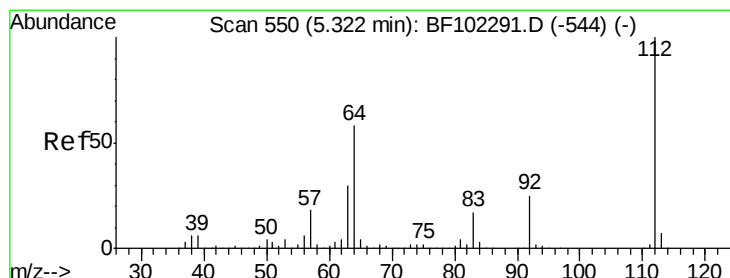
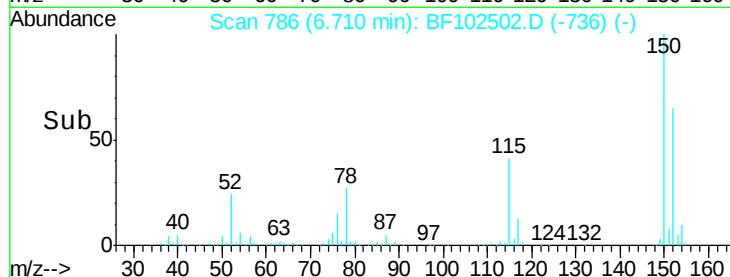
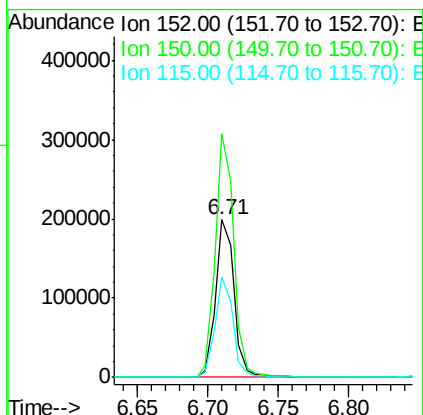
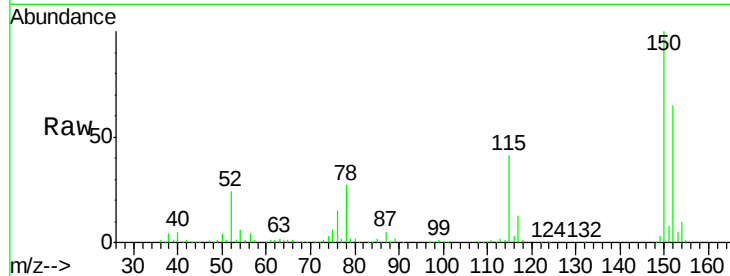


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102502.D
Acq: 27 Jan 2018 11:29

Instrument :
BNA_F
ClientSampleId :
WC1

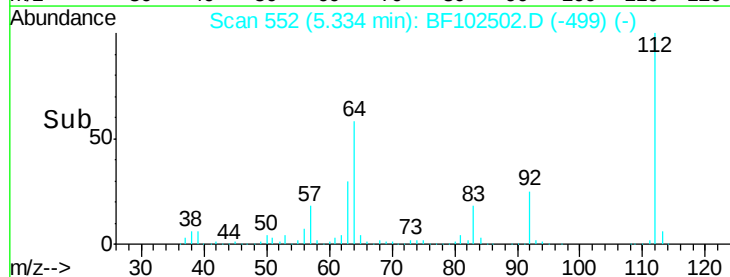
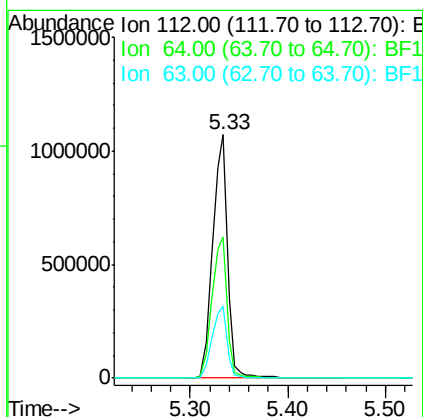
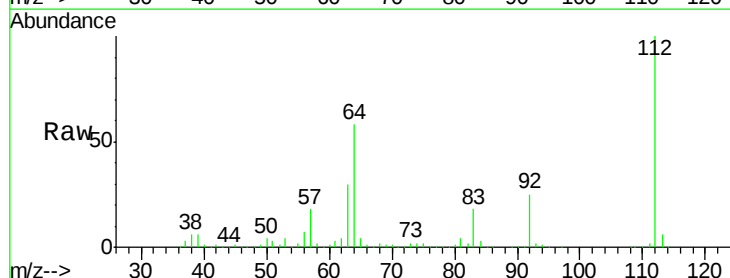
Tgt Ion:152 Resp: 181449
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 63.9 50.1 75.1

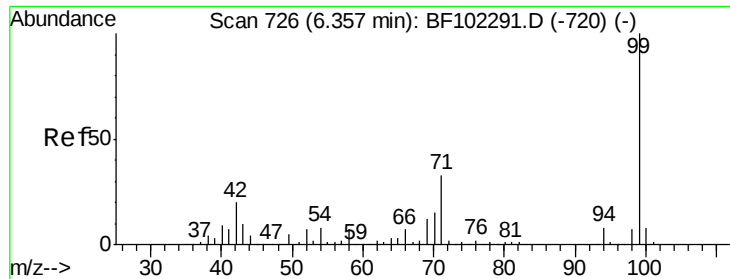


#5

2-Fluorophenol
Concen: 94.360 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102502.D
Acq: 27 Jan 2018 11:29

Tgt Ion:112 Resp: 1129195
Ion Ratio Lower Upper
112 100
64 58.2 47.9 71.9
63 29.8 23.7 35.5





#7

Phenol-d6

Concen: 95.075 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102502.D

Acq: 27 Jan 2018 11:29

Instrument :

BNA_F

ClientSampleId :

WC1

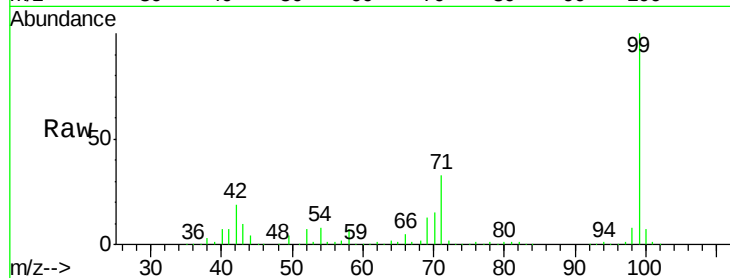
Tgt Ion: 99 Resp: 1371658

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

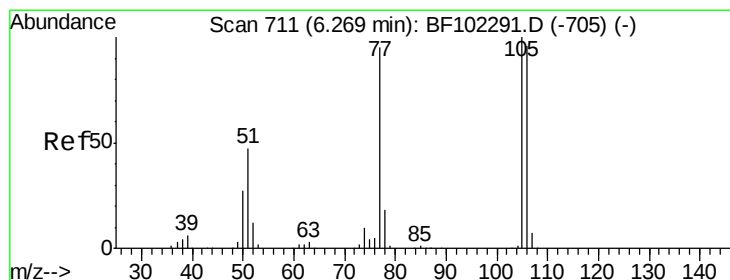
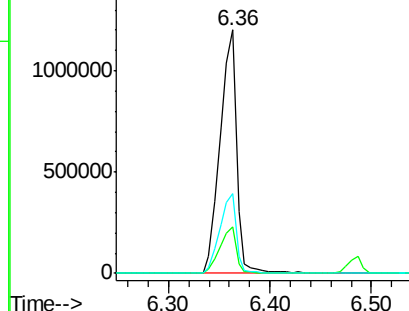
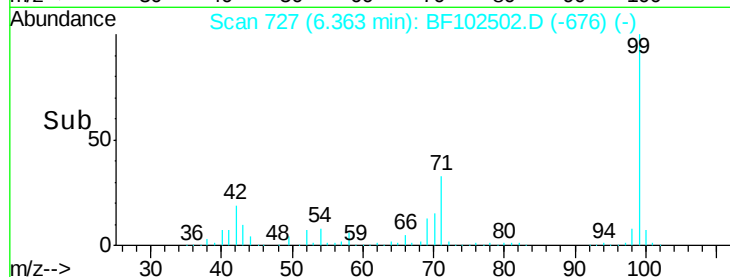
71 32.6 25.4 38.0



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: 2.359 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF102502.D

Acq: 27 Jan 2018 11:29

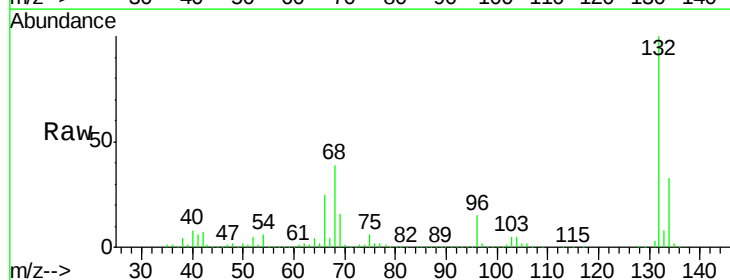
Tgt Ion: 77 Resp: 23385

Ion Ratio Lower Upper

77 100

105 83.1 81.1 121.1

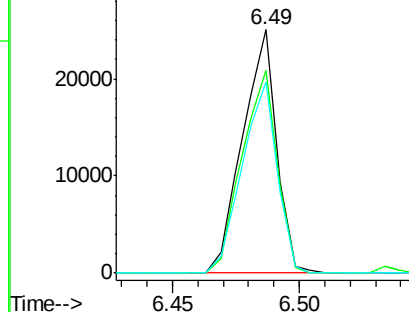
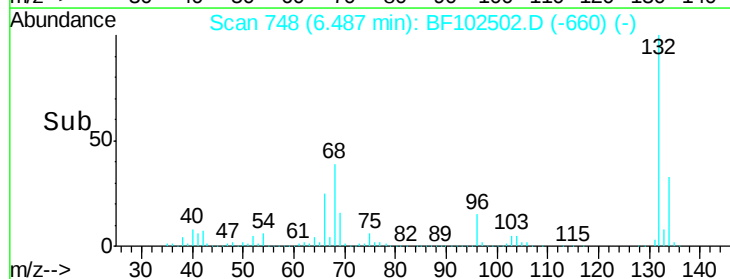
106 78.7 74.5 114.5

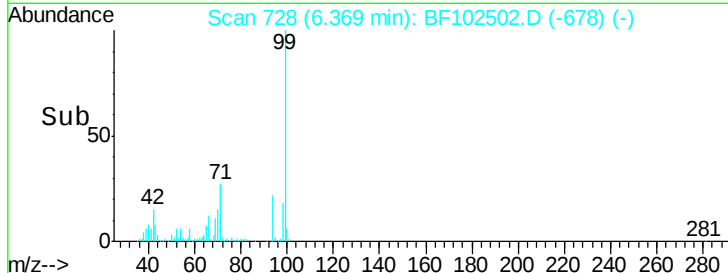
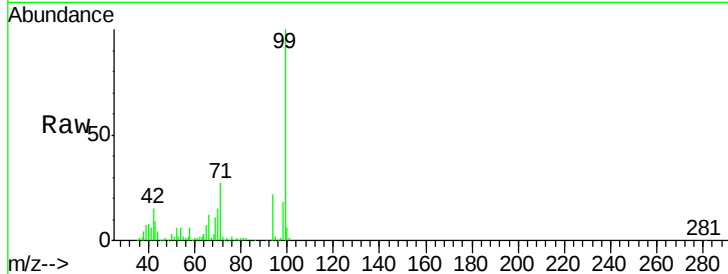
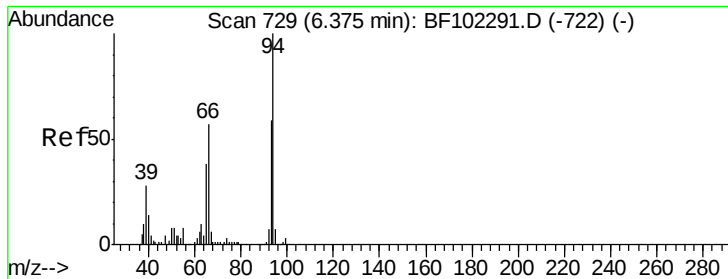


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 3.492 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102502.D

Acq: 27 Jan 2018 11:29

Instrument :

BNA_F

ClientSampleId :

WC1

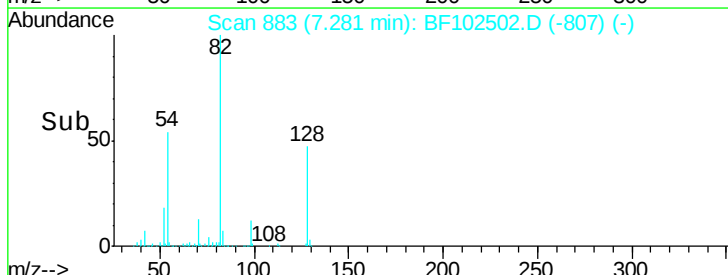
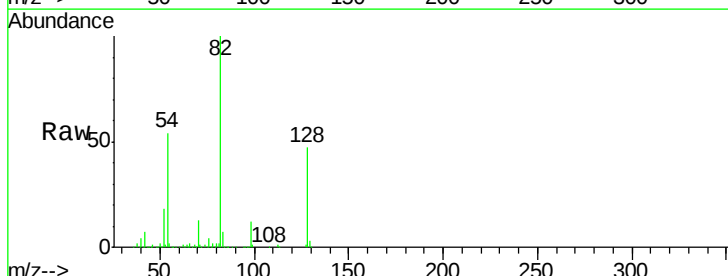
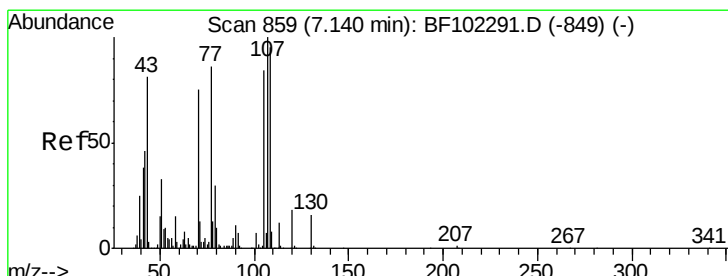
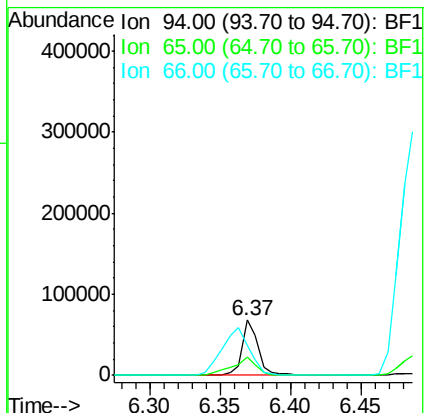
Tgt Ion: 94 Resp: 55005

Ion Ratio Lower Upper

94 100

65 33.3 7.9 47.9

66 54.1 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 12.903 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF102502.D

Acq: 27 Jan 2018 11:29

Tgt Ion: 70 Resp: 113918

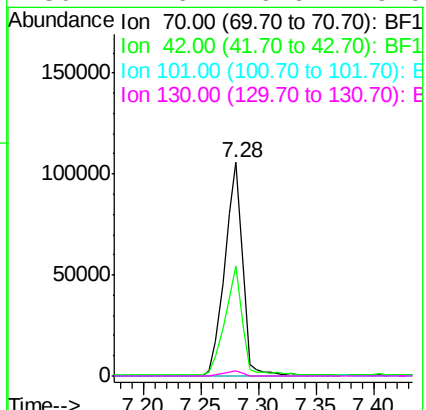
Ion Ratio Lower Upper

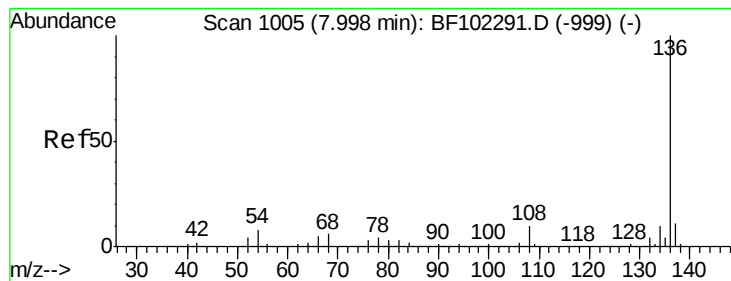
70 100

42 51.6 47.5 71.3

101 0.0 7.4 11.2#

130 2.6 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: BF102502.D

Acq: 27 Jan 2018 11:29

Instrument :

BNA_F

ClientSampled :

WC1

Tgt Ion:136 Resp: 765316

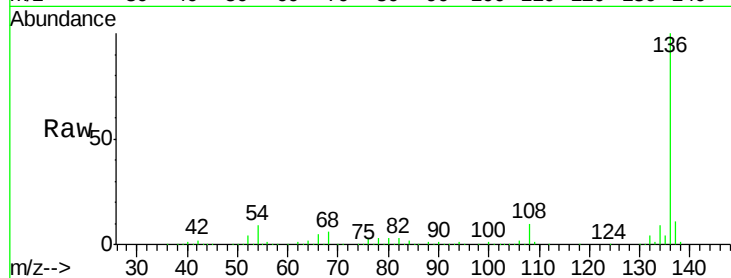
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.6 6.6 9.8

68 6.4 5.0 7.4

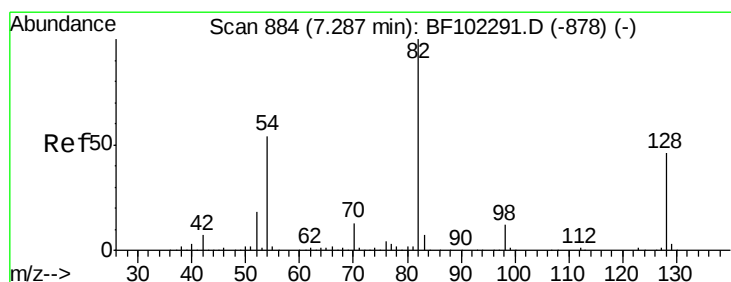
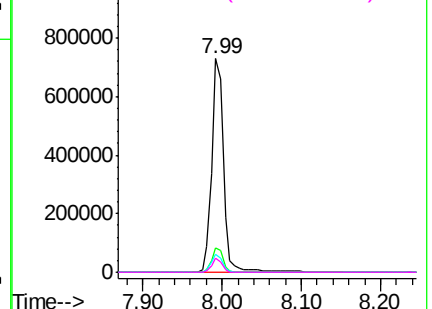
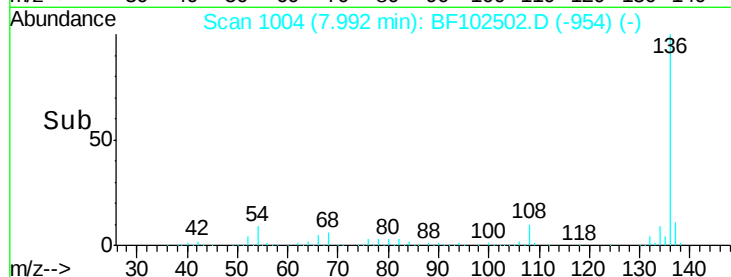


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.491 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102502.D

Acq: 27 Jan 2018 11:29

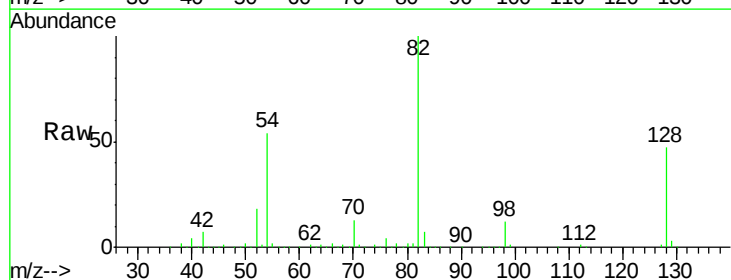
Tgt Ion: 82 Resp: 872182

Ion Ratio Lower Upper

82 100

128 46.8 36.1 54.1

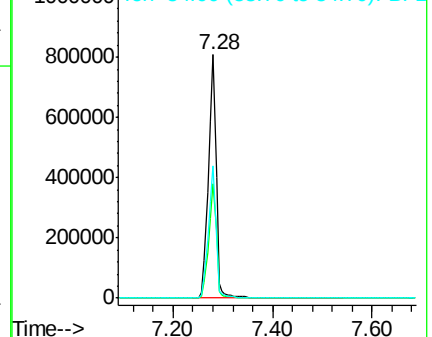
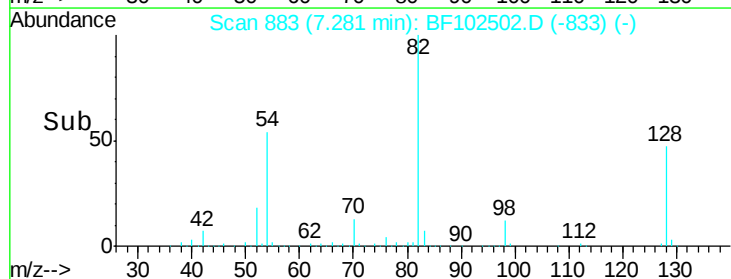
54 54.2 41.4 62.2

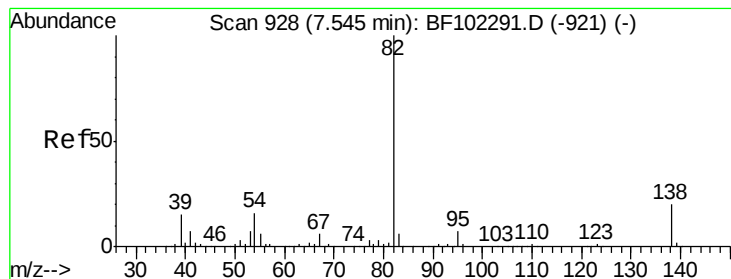


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 36.403 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF102502.D

Acq: 27 Jan 2018 11:29

Instrument :

BNA_F

ClientSampleId :

WC1

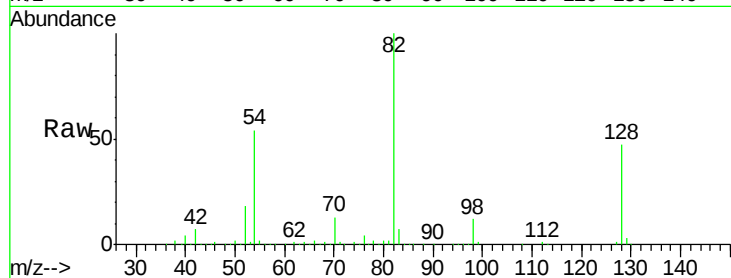
Tgt Ion: 82 Resp: 864281

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

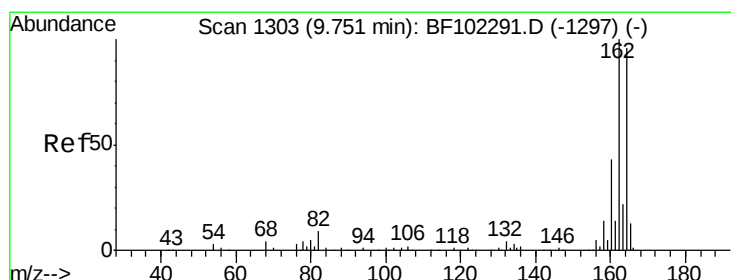
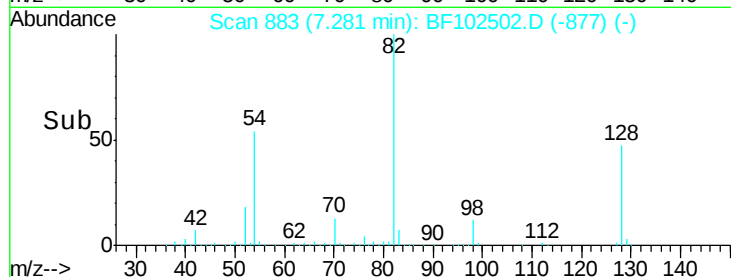
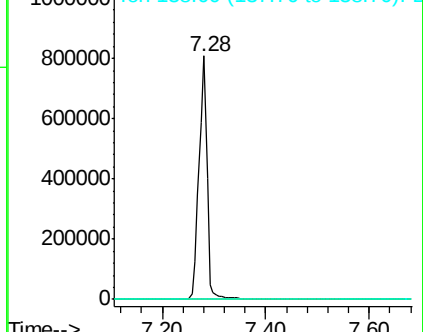
138 0.0 14.9 22.3#



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: BF102502.D

Acq: 27 Jan 2018 11:29

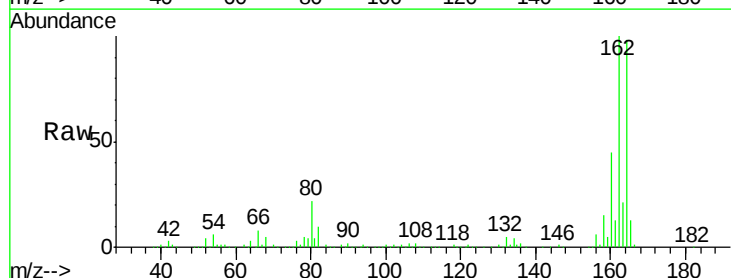
Tgt Ion: 164 Resp: 345777

Ion Ratio Lower Upper

164 100

162 102.0 86.1 129.1

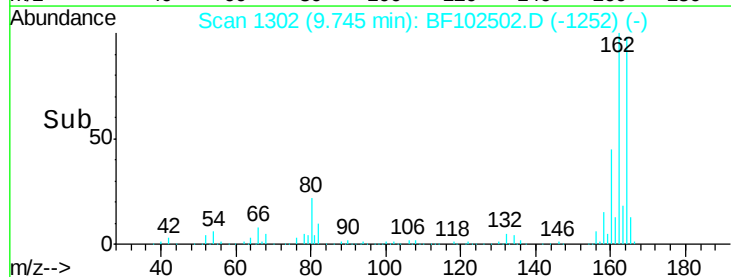
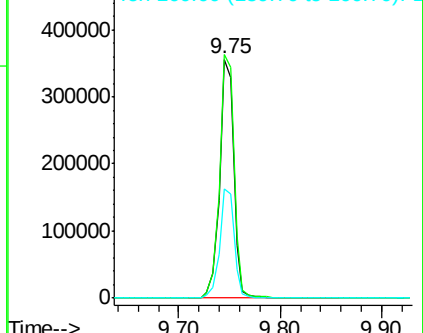
160 45.6 38.3 57.5

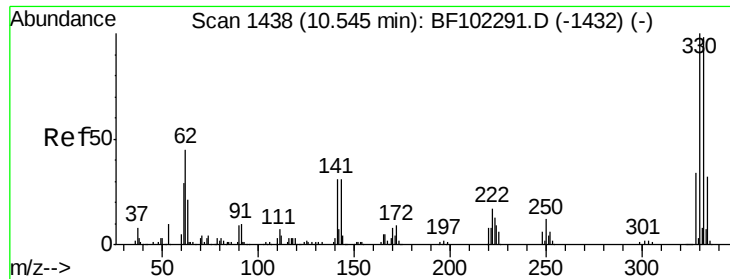


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

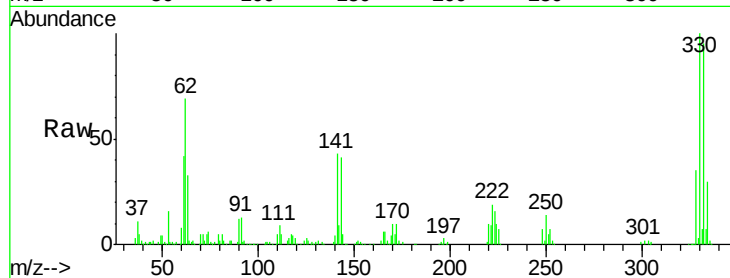




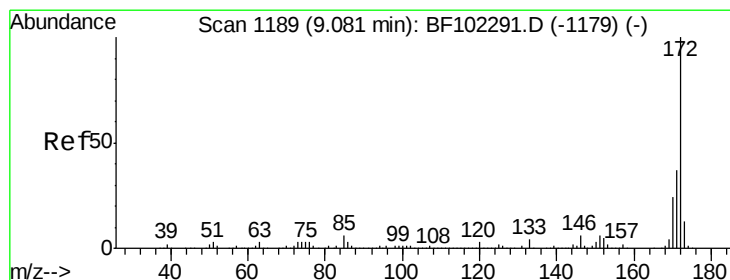
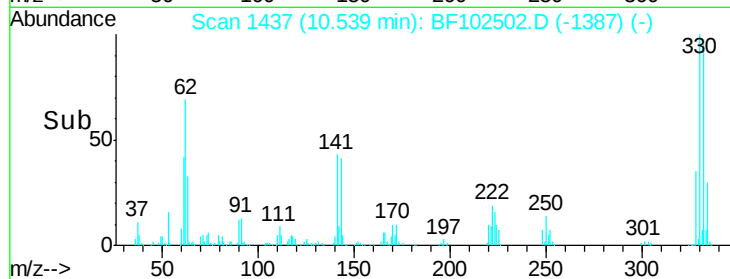
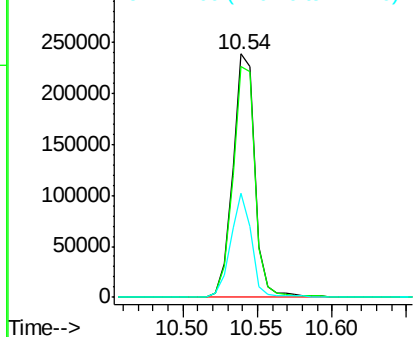
#41
 2,4,6-Tribromophenol
 Concen: 73.033 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102502.D
 Acq: 27 Jan 2018 11:29

Instrument :
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Tgt Ion:330 Resp: 250222
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 40.8 29.9 44.9

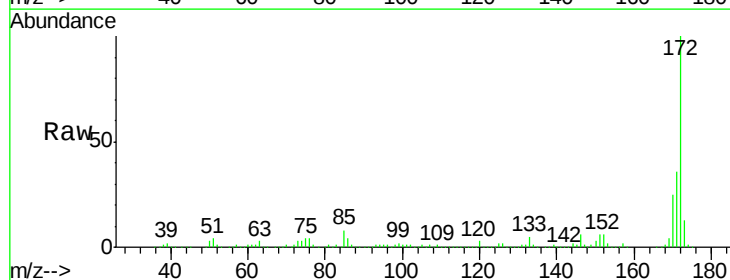


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

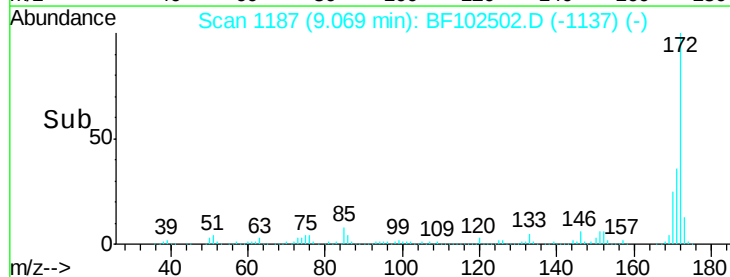
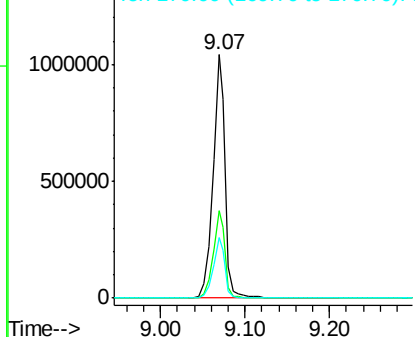


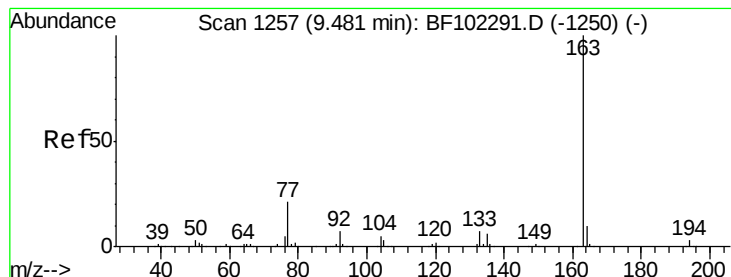
#44
 2-Fluorobiphenyl
 Concen: 45.329 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF102502.D
 Acq: 27 Jan 2018 11:29

Tgt Ion:172 Resp: 1065987
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.7 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: 7.850 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF102502.D

Acq: 27 Jan 2018 11:29

Instrument :

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ClientSampleId :

WC1

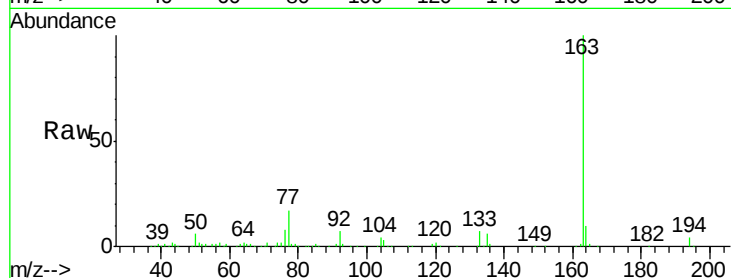
Tgt Ion:163 Resp: 224355

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

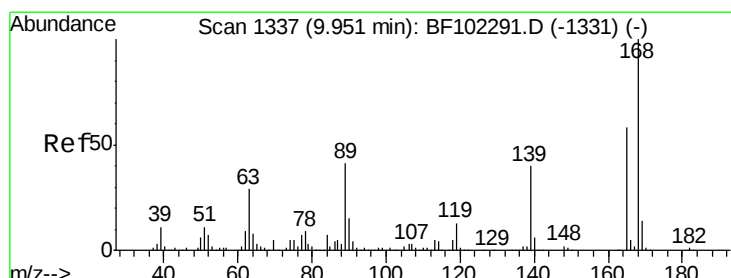
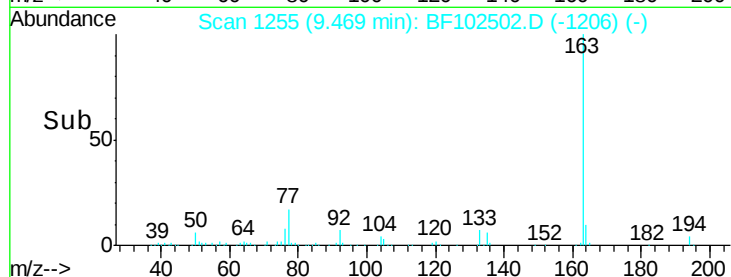
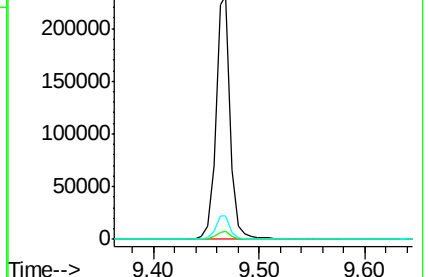
164 9.8 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 5.818 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.21 min

Lab File: BF102502.D

Acq: 27 Jan 2018 11:29

Tgt Ion:165 Resp: 44089

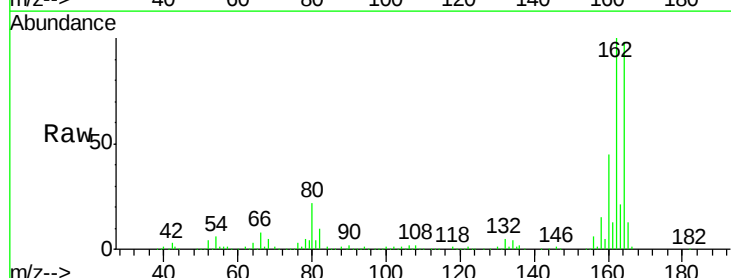
Ion Ratio Lower Upper

165 100

63 1.2 36.4 54.6#

89 1.2 57.8 86.6#

182 0.7 1.6 2.4#

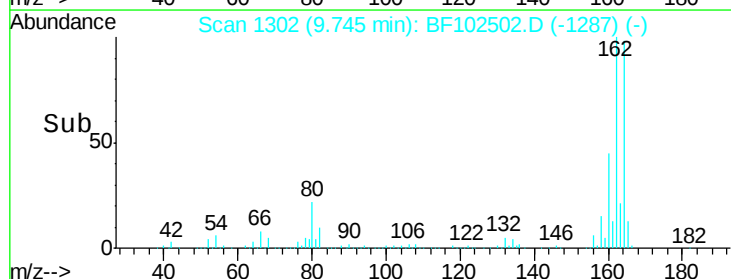
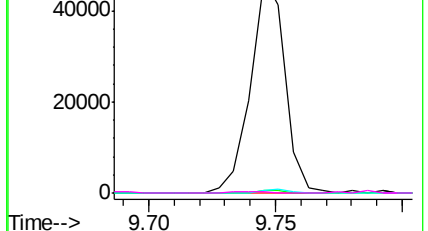


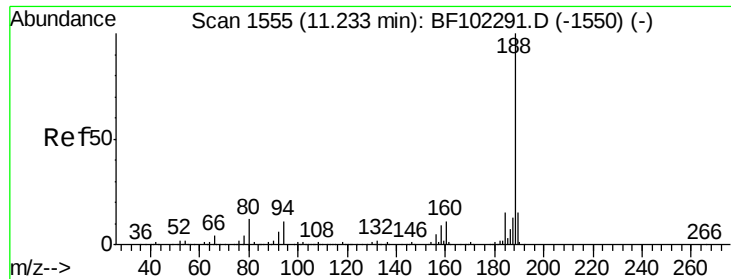
Abundance Ion 165.00 (164.70 to 165.70): E

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

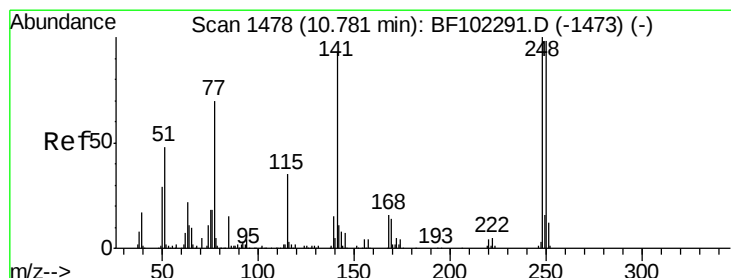
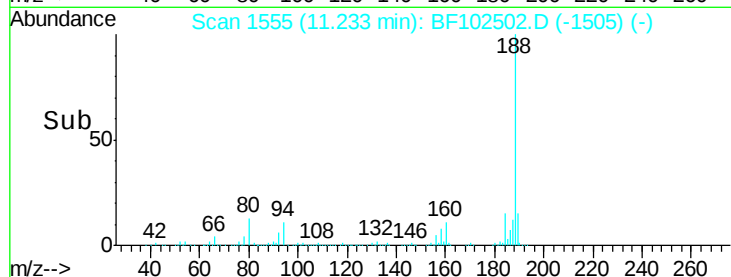
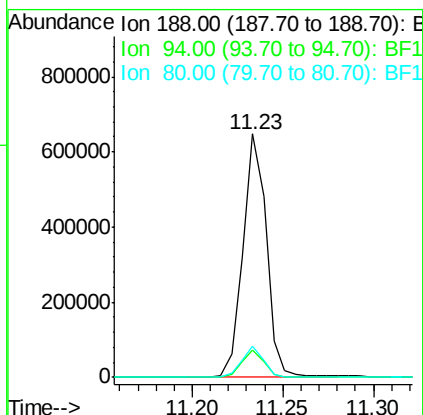
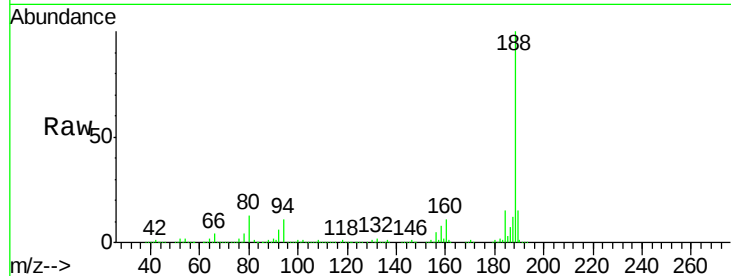




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102502.D
Acq: 27 Jan 2018 11:29

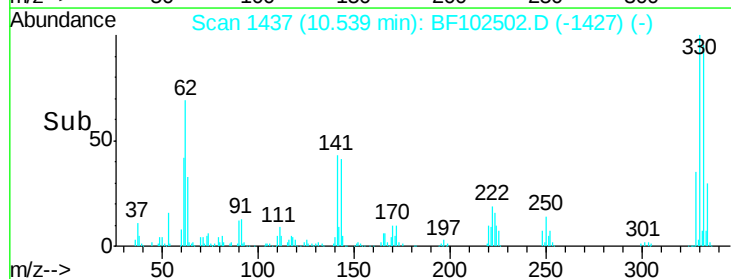
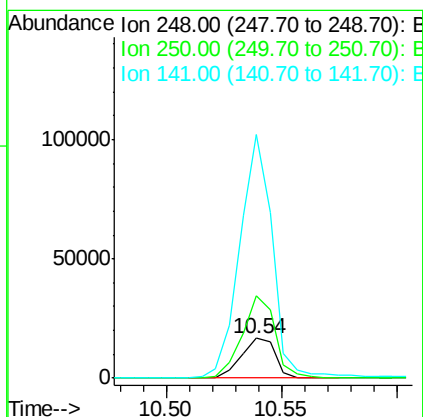
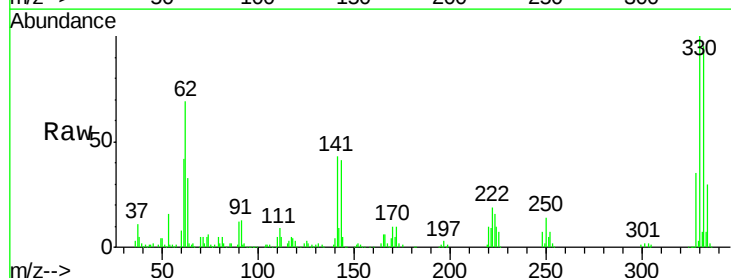
Instrument :
BNA_F
ClientSampleId :
WC1

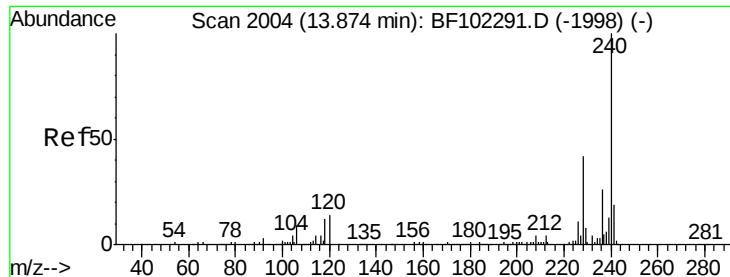
Tgt Ion:188 Resp: 585394
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 12.7 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.766 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102502.D
Acq: 27 Jan 2018 11:29

Tgt Ion:248 Resp: 17431
Ion Ratio Lower Upper
248 100
250 207.4 76.9 115.3#
141 614.6 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: BF102502.D

Acq: 27 Jan 2018 11:29

Instrument :

BNA_F

ClientSampleId :

WC1

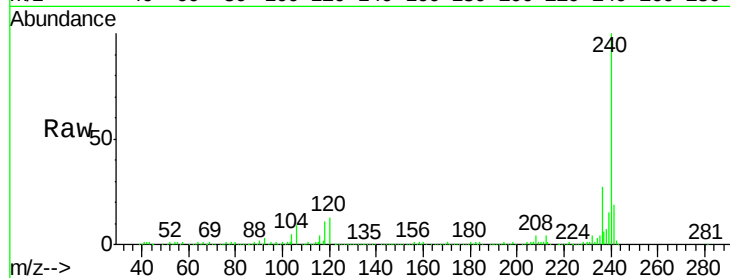
Tgt Ion:240 Resp: 353935

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

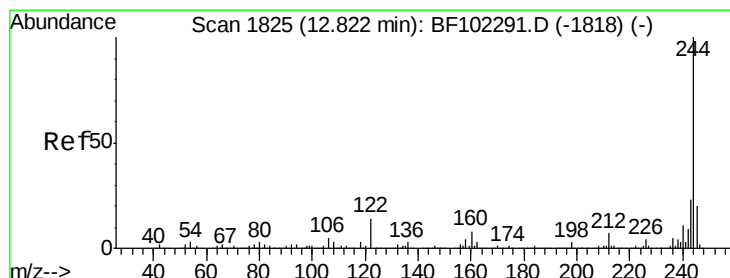
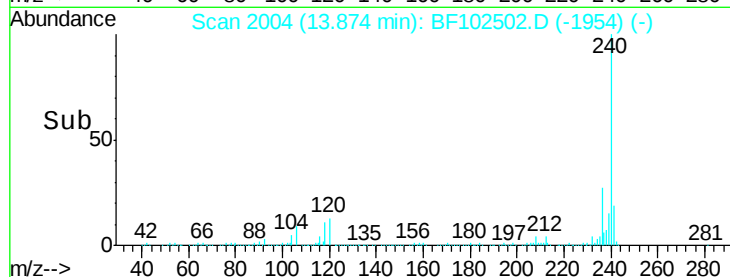
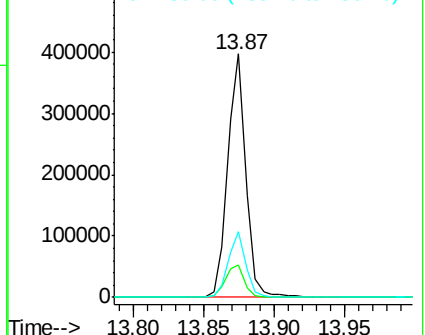
236 27.0 20.7 31.1



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: 53.748 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF102502.D

Acq: 27 Jan 2018 11:29

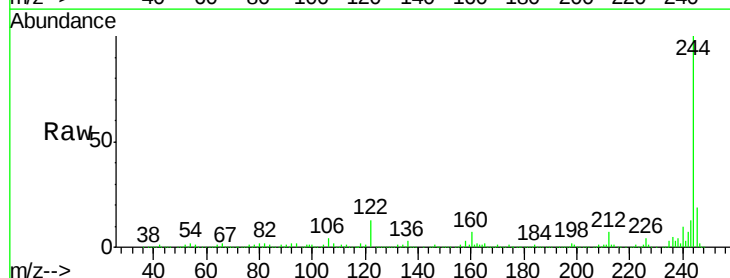
Tgt Ion:244 Resp: 843840

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

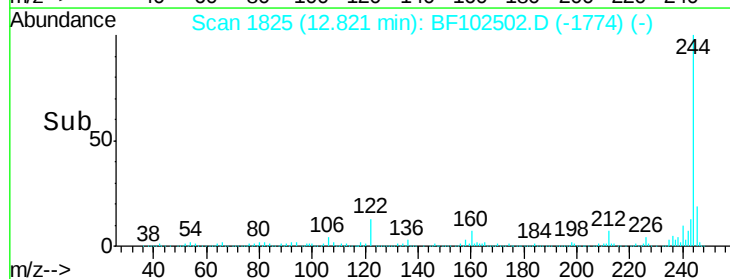
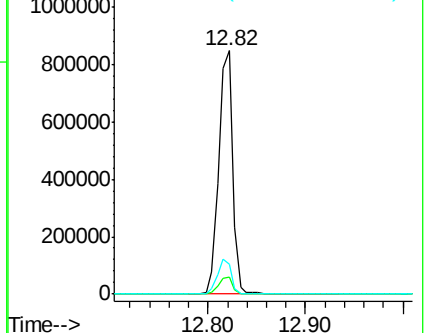
122 12.5 11.0 16.4

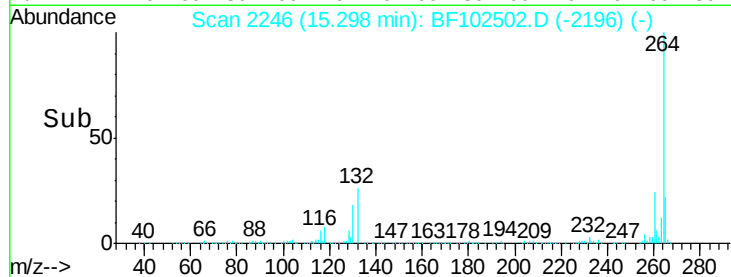
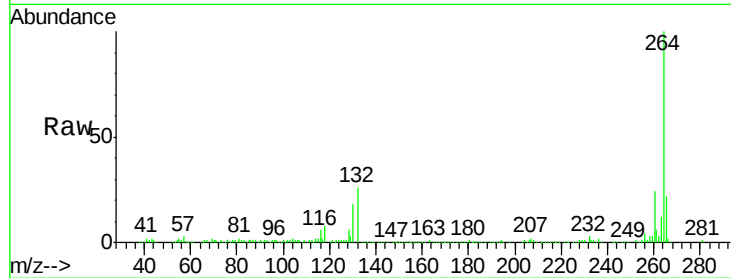
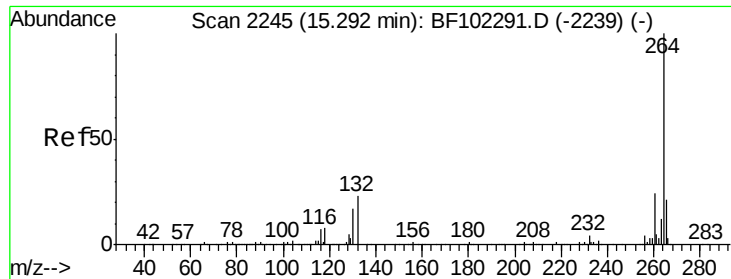


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BF102502.D
Acq: 27 Jan 2018 11:29

Instrument :
BNA_F
ClientSampleId :
WC1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.9	17.5	26.3

