

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
 Data File : BF102508.D
 Acq On : 27 Jan 2018 14:11
 Operator : SJ/JU
 Sample : J1306-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC5

Quant Time: Jan 27 20:58:38 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

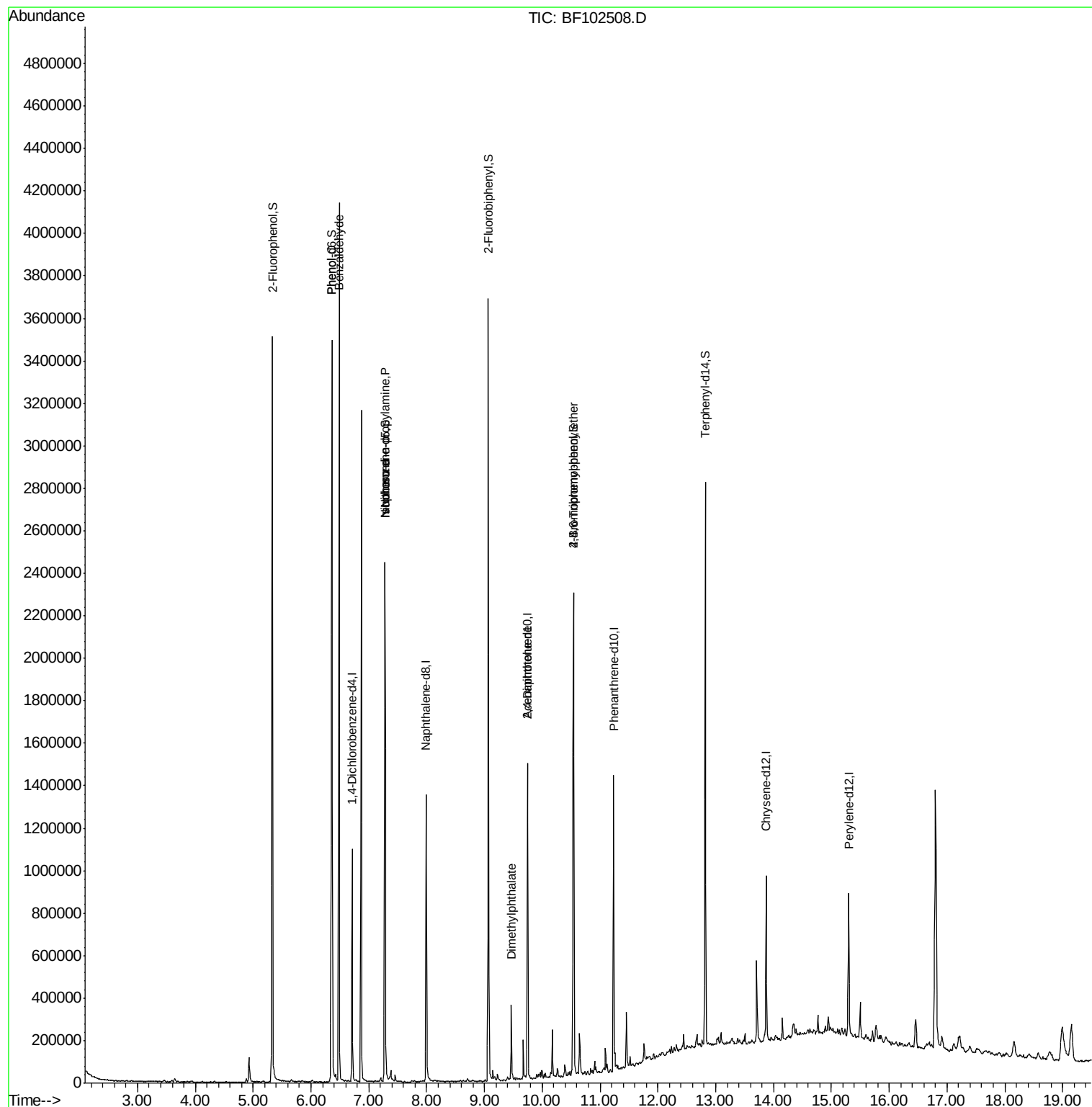
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	164553	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	677166	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	293788	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	460205	20.00	ng	0.00
75) Chrysene-d12	13.87	240	271066	20.00	ng	0.00
86) Perylene-d12	15.30	264	284557	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1195506	110.16	ng	0.01
7) Phenol-d6	6.36	99	1457188	111.37	ng	0.00
23) Nitrobenzene-d5	7.28	82	902245	76.57	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	266735	91.63	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1288208	64.47	ng	0.00
78) Terphenyl-d14	12.82	244	933389	77.63	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	24213	2.674	ng	87
10) Phenol	6.37	94	63600	4.453	ng	# 73
19) n-Nitroso-di-n-propylamine	7.28	70	119529	14.928	ng	# 79
25) Isophorone	7.28	82	899574	42.822	ng	# 64
49) Dimethylphthalate	9.46	163	131550	5.417	ng	99
56) 2,4-Dinitrotoluene	9.75	165	37649	5.848	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	18305	3.695	ng	# 1

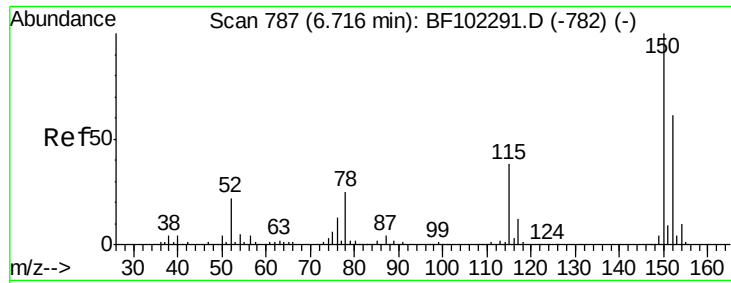
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 11 Sample Multiplier: 1

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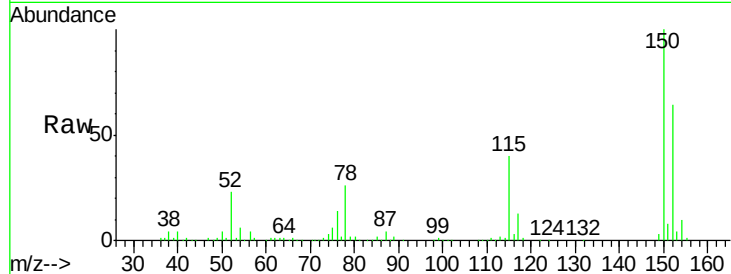


#1

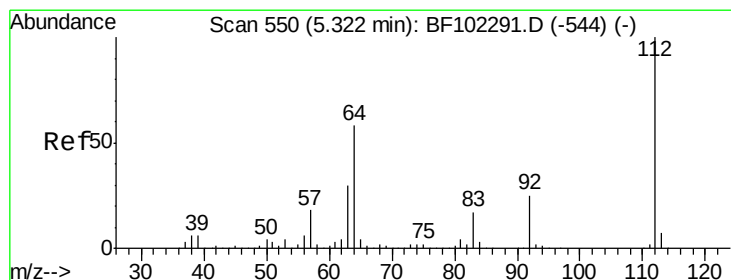
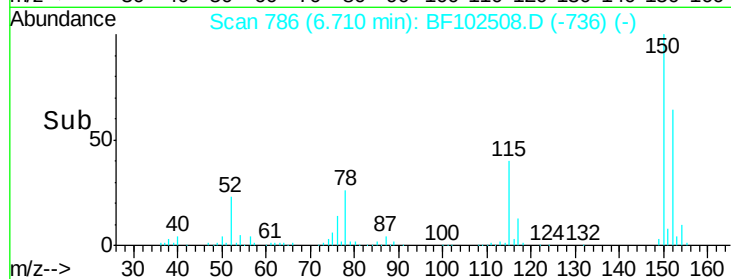
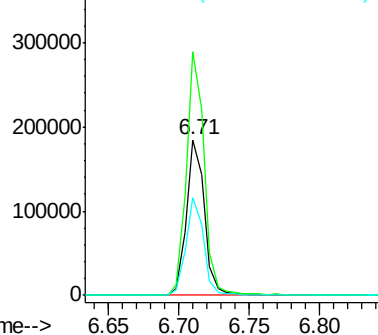
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF102508.D
 Acq: 27 Jan 2018 14:11

Instrument :
 BNA_F
 ClientSampleId :
 WC5

Tgt Ion:152 Resp: 164553
 Ion Ratio Lower Upper
 152 100
 150 156.3 124.6 186.8
 115 62.8 50.1 75.1



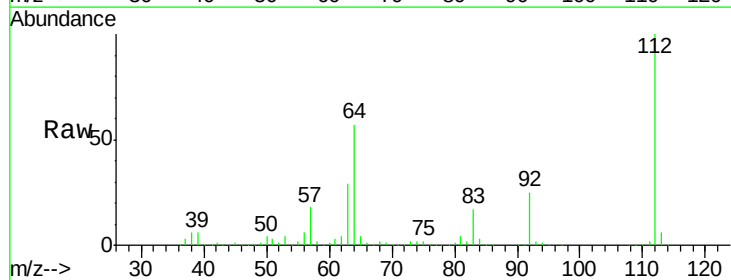
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



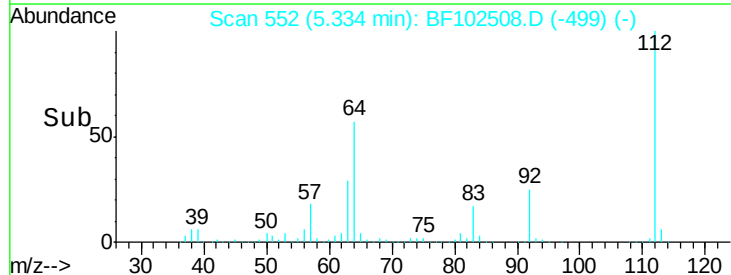
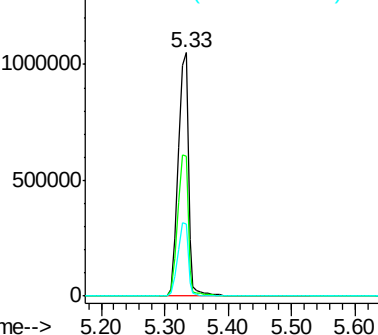
#5

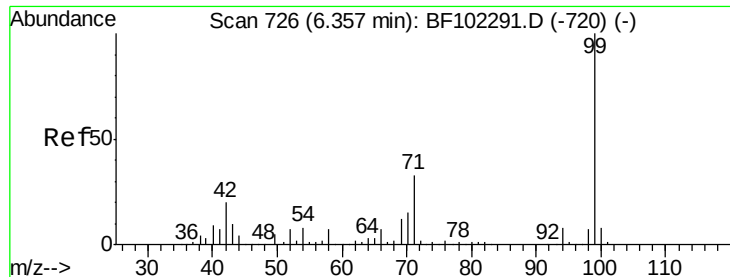
2-Fluorophenol
 Concen: 110.159 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.01 min
 Lab File: BF102508.D
 Acq: 27 Jan 2018 14:11

Tgt Ion:112 Resp: 1195506
 Ion Ratio Lower Upper
 112 100
 64 57.4 47.9 71.9
 63 29.5 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: 111.374 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102508.D

Acq: 27 Jan 2018 14:11

Instrument :

BNA_F

ClientSampleId :

WC5

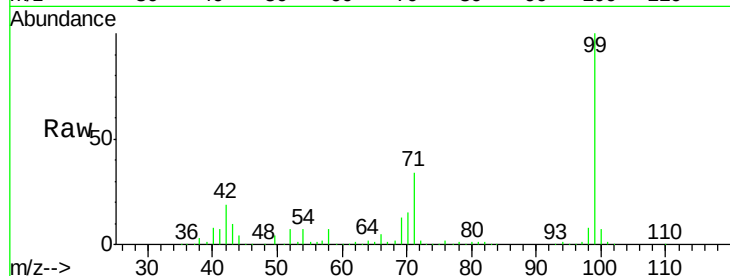
Tgt Ion: 99 Resp: 1457188

Ion Ratio Lower Upper

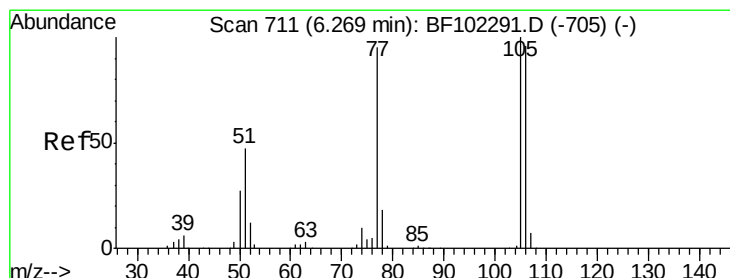
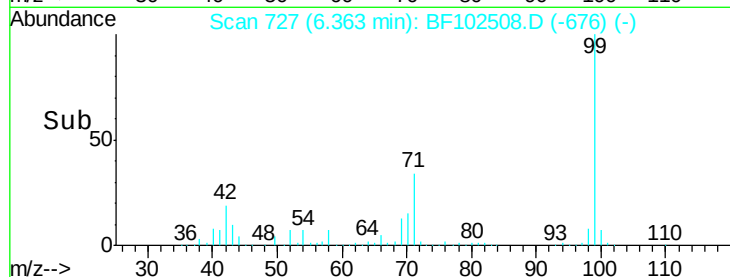
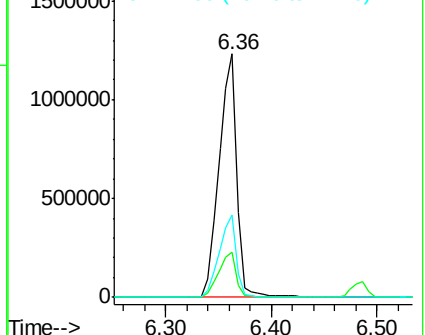
99 100

42 18.7 14.5 21.7

71 33.6 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: 2.674 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF102508.D

Acq: 27 Jan 2018 14:11

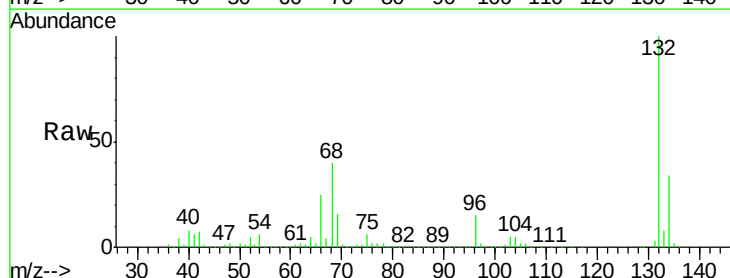
Tgt Ion: 77 Resp: 24213

Ion Ratio Lower Upper

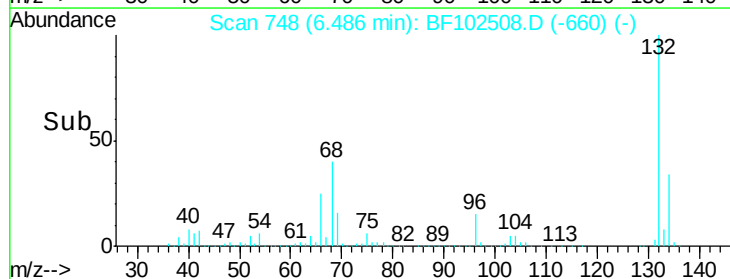
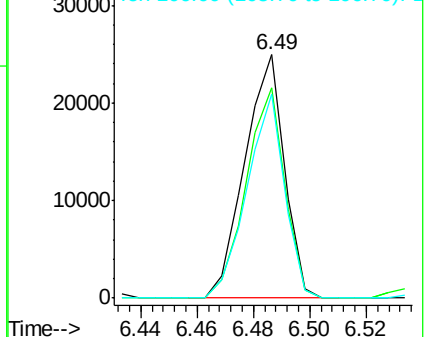
77 100

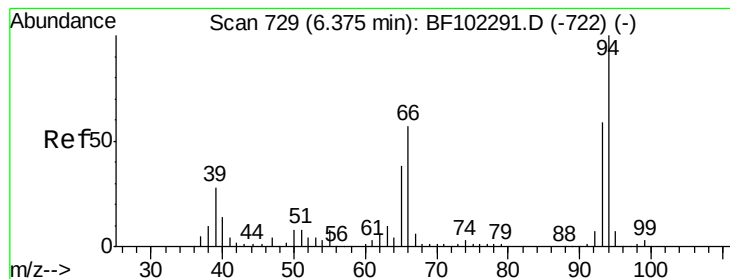
105 86.5 81.1 121.1

106 83.9 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: 4.453 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102508.D

Acq: 27 Jan 2018 14:11

Instrument :

BNA_F

ClientSampleId :

WC5

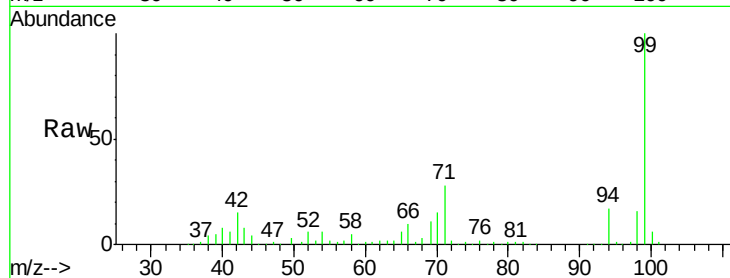
Tgt Ion: 94 Resp: 63600

Ion Ratio Lower Upper

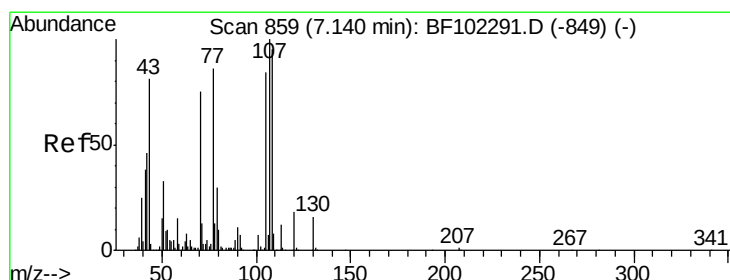
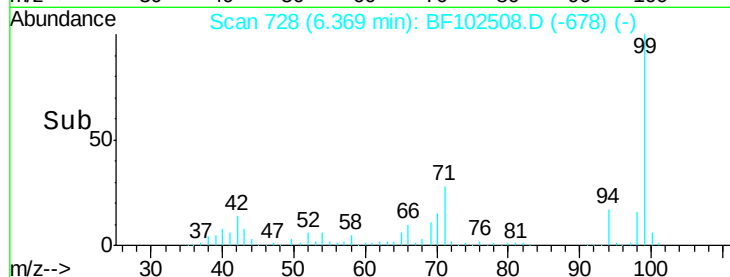
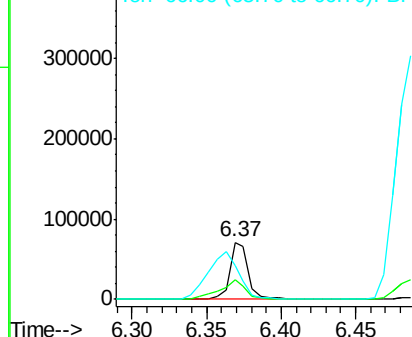
94 100

65 34.3 7.9 47.9

66 59.3 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 14.928 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF102508.D

Acq: 27 Jan 2018 14:11

Tgt Ion: 70 Resp: 119529

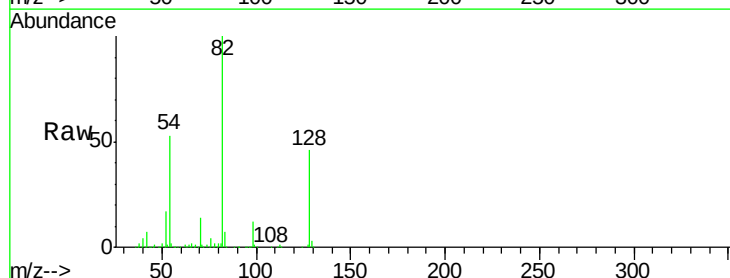
Ion Ratio Lower Upper

70 100

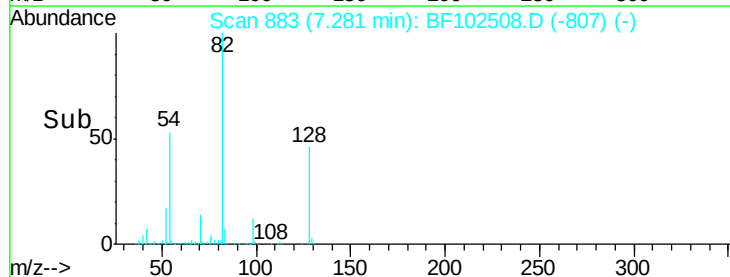
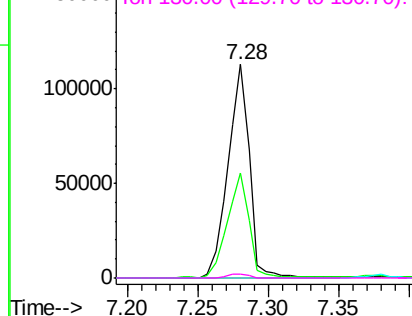
42 49.2 47.5 71.3

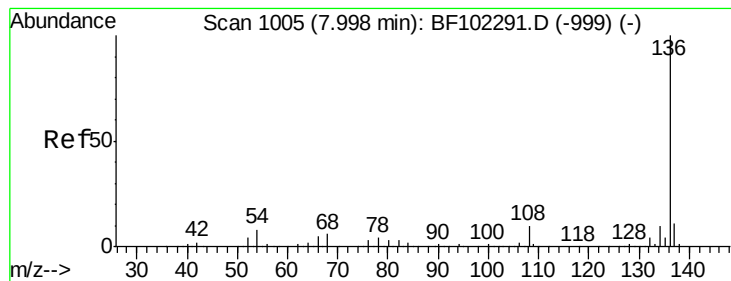
101 0.0 7.4 11.2#

130 2.1 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF102508.D

Acq: 27 Jan 2018 14:11

Instrument :

BNA_F

ClientSampleId :

WC5

Tgt Ion:136 Resp: 677166

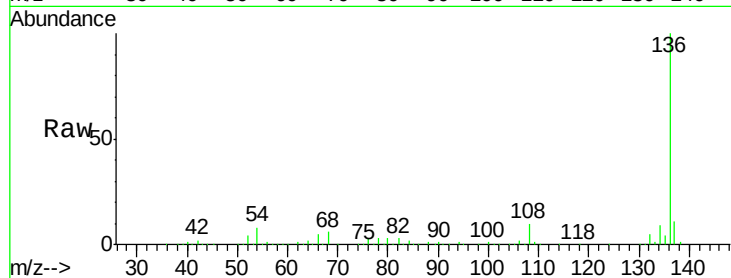
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.4 6.6 9.8

68 5.9 5.0 7.4

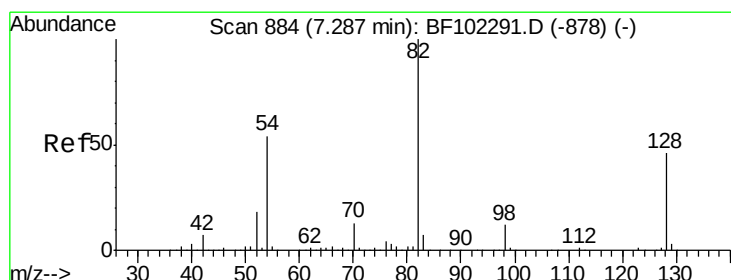
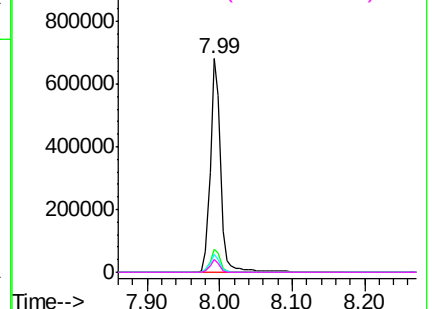
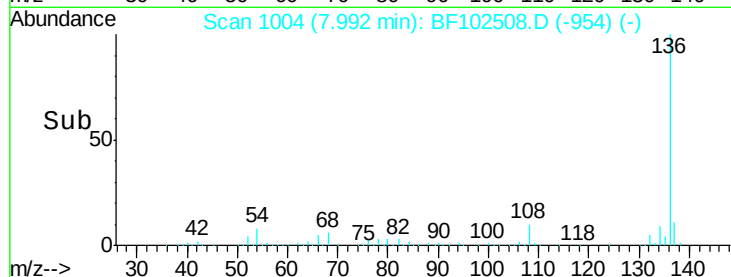


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.568 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102508.D

Acq: 27 Jan 2018 14:11

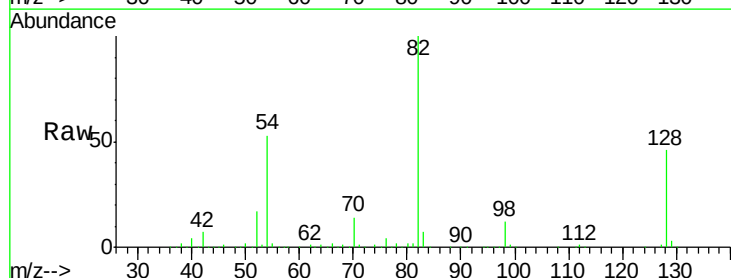
Tgt Ion: 82 Resp: 902245

Ion Ratio Lower Upper

82 100

128 46.1 36.1 54.1

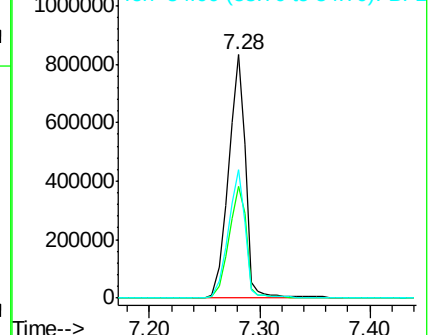
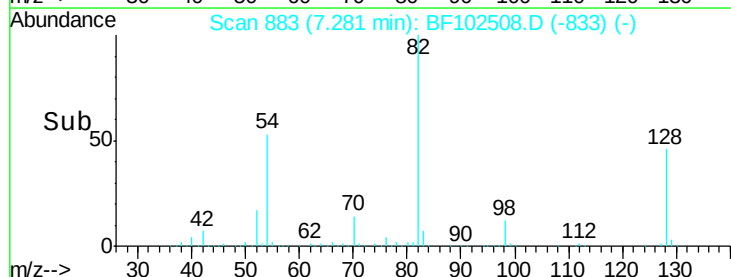
54 52.9 41.4 62.2

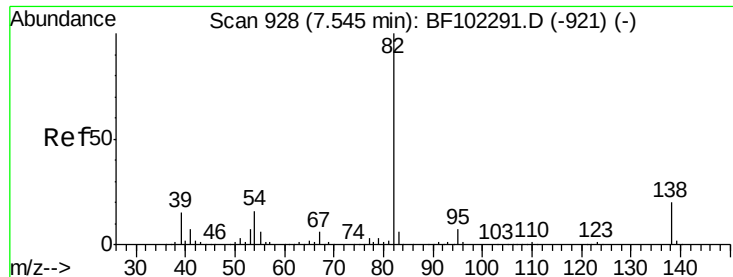


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 42.822 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF102508.D

Acq: 27 Jan 2018 14:11

Instrument :

BNA_F

ClientSampled :

WC5

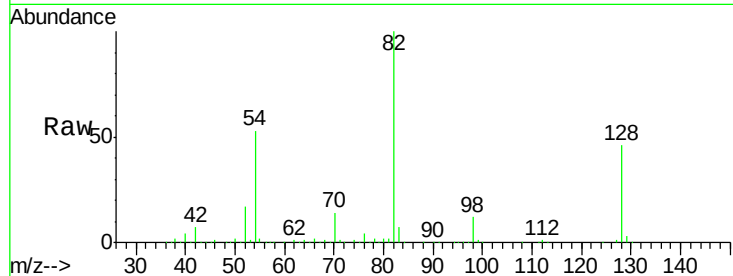
Tgt Ion: 82 Resp: 899574

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

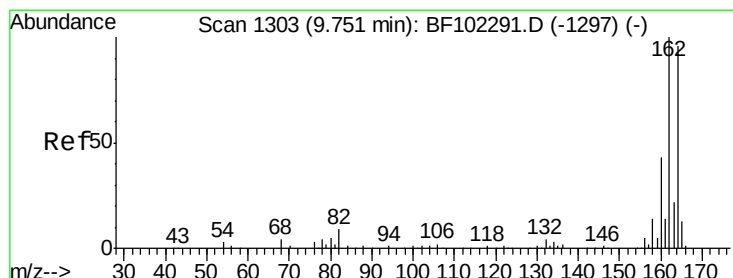
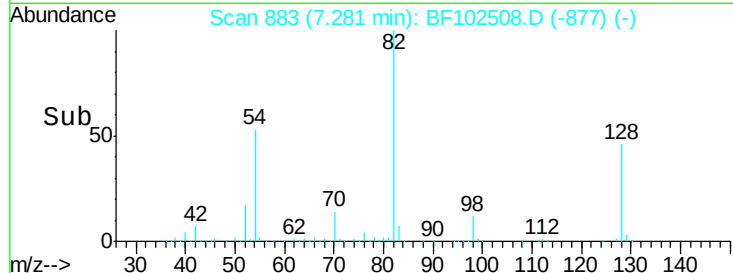
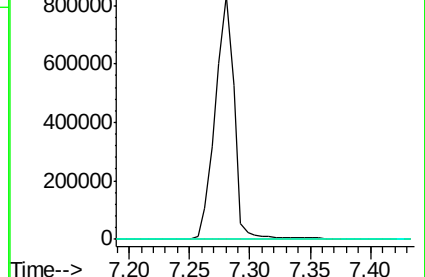
138 0.0 14.9 22.3#



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: BF102508.D

Acq: 27 Jan 2018 14:11

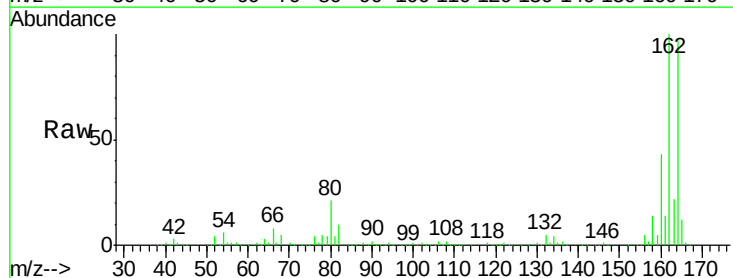
Tgt Ion: 164 Resp: 293788

Ion Ratio Lower Upper

164 100

162 102.9 86.1 129.1

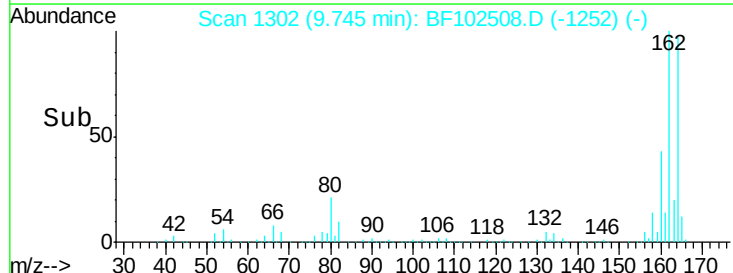
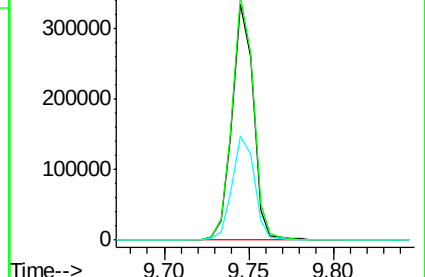
160 44.0 38.3 57.5

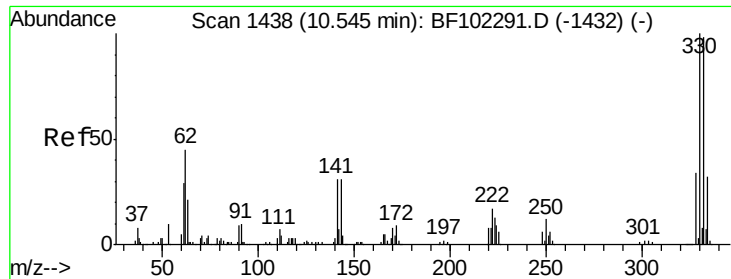


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

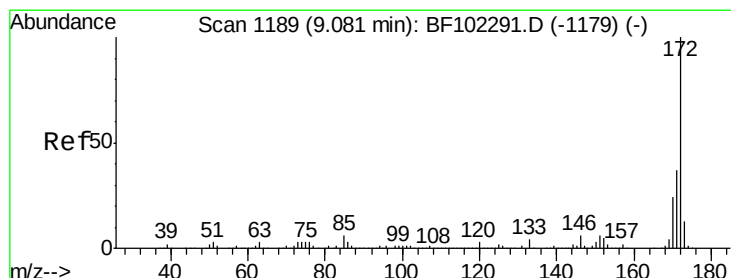
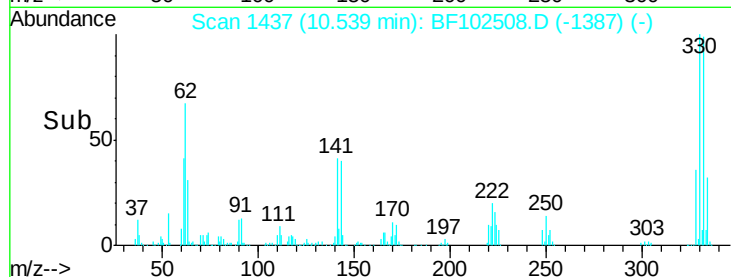
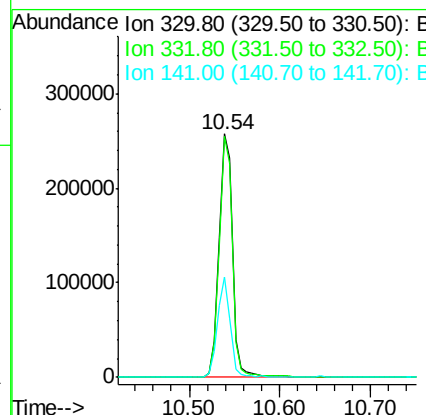
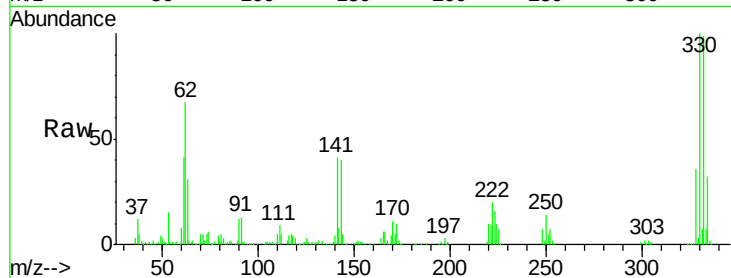




#41
 2,4,6-Tribromophenol
 Concen: 91.630 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102508.D
 Acq: 27 Jan 2018 14:11

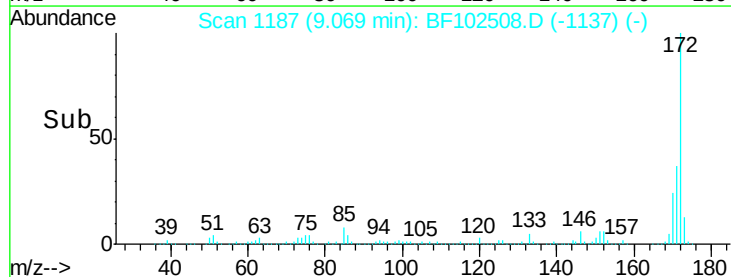
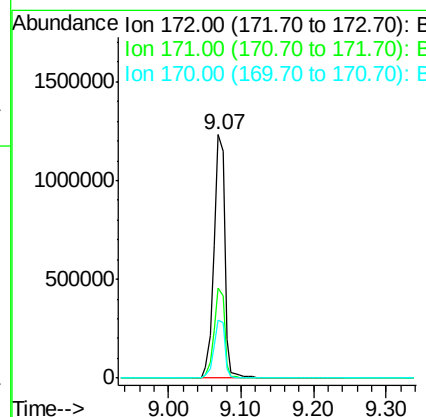
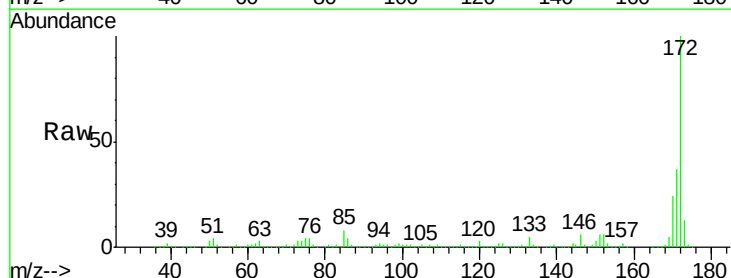
Instrument :
 BNA_F
 ClientSampleId :
 WC5

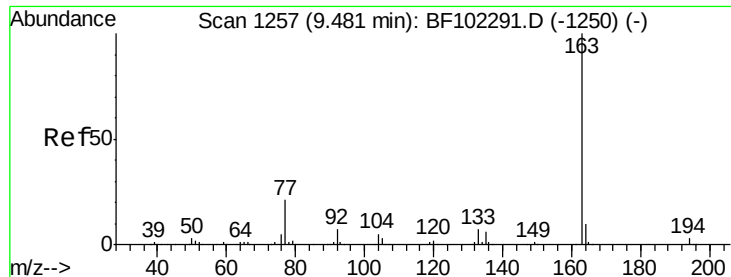
Tgt Ion:330 Resp: 266735
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 39.4 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 64.472 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF102508.D
 Acq: 27 Jan 2018 14:11

Tgt Ion:172 Resp: 1288208
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 23.7 19.6 29.4

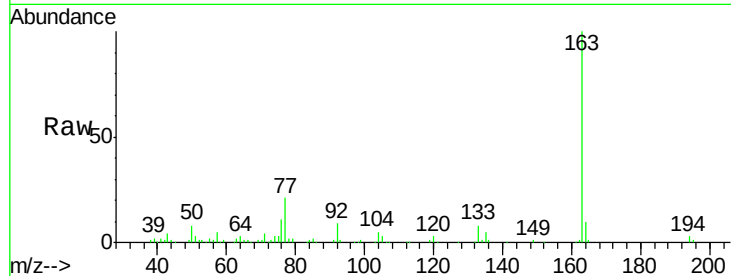




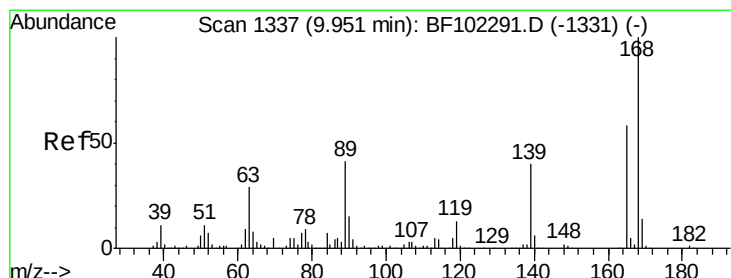
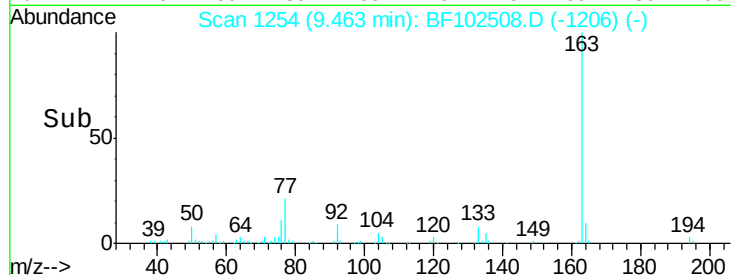
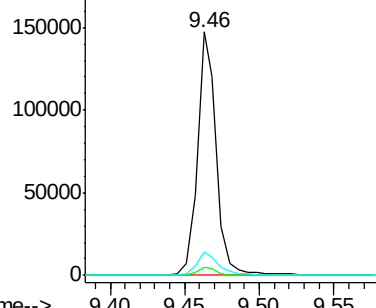
#49
Dimethylphthalate
Concen: 5.417 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF102508.D
Acq: 27 Jan 2018 14:11

Instrument :
BNA_F
ClientSampleId :
WC5

Tgt Ion:163 Resp: 131550
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.9 8.2 12.2

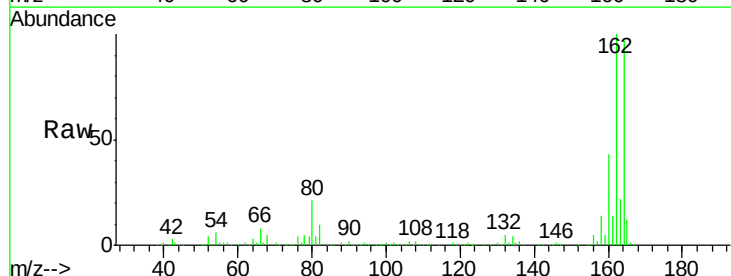


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

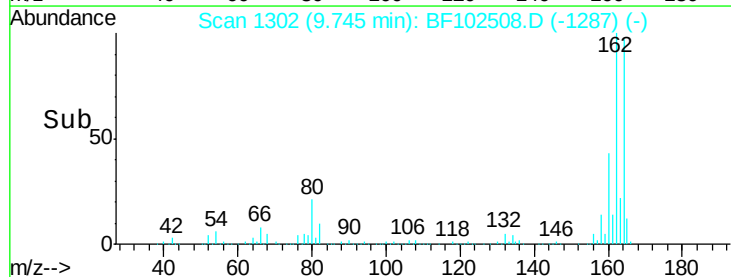
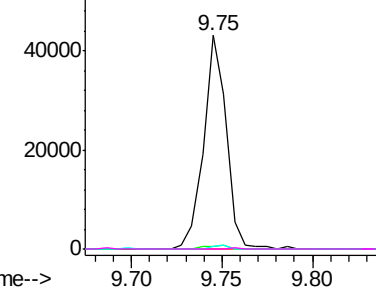


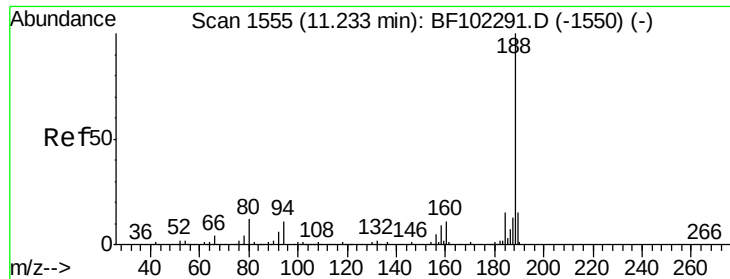
#56
2,4-Dinitrotoluene
Concen: 5.848 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF102508.D
Acq: 27 Jan 2018 14:11

Tgt Ion:165 Resp: 37649
Ion Ratio Lower Upper
165 100
63 1.3 36.4 54.6#
89 1.3 57.8 86.6#
182 0.0 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

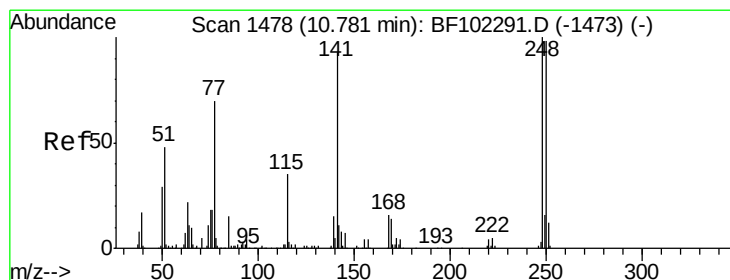
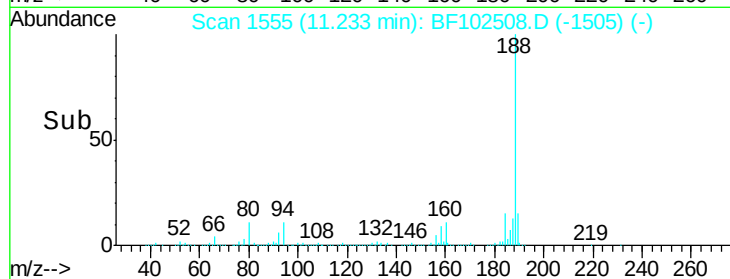
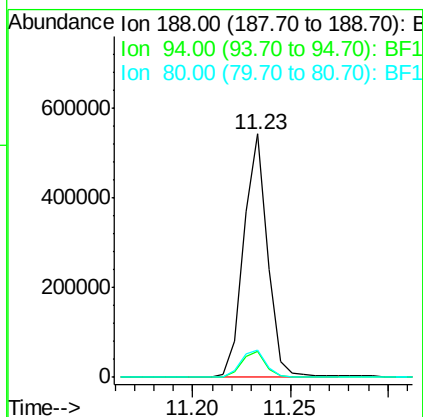
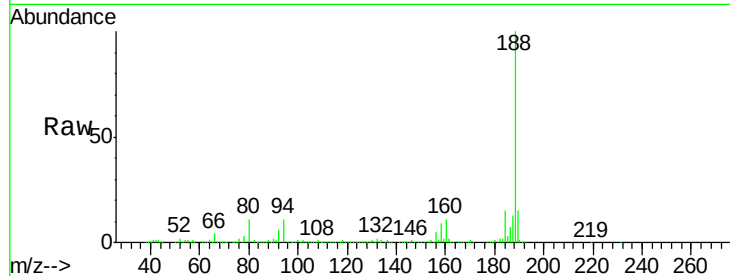




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102508.D
Acq: 27 Jan 2018 14:11

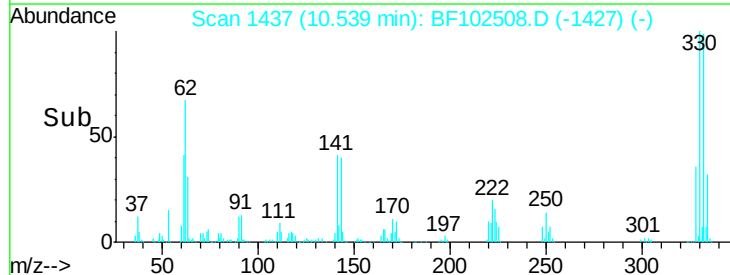
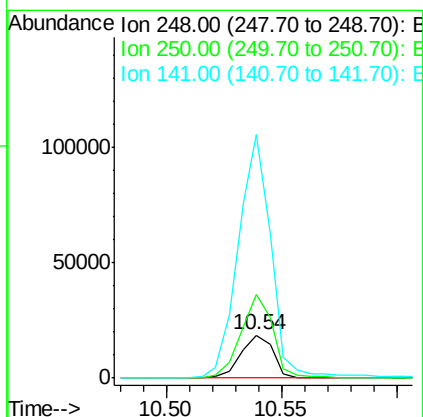
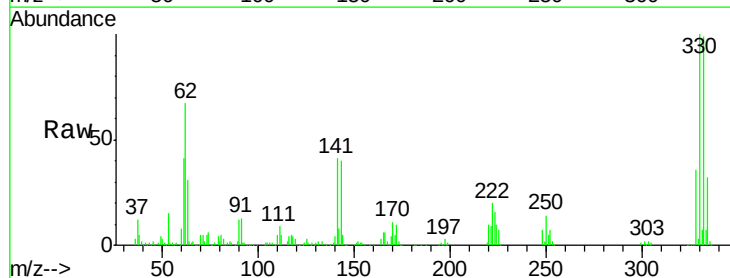
Instrument :
BNA_F
ClientSampleId :
WC5

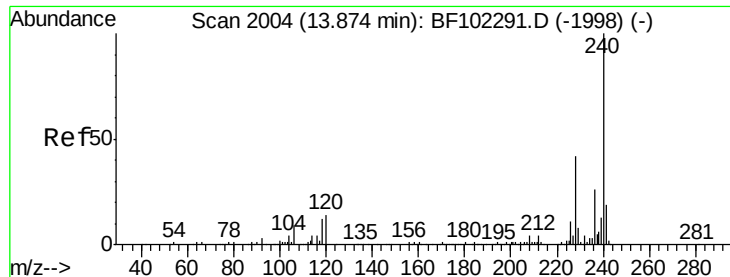
Tgt Ion:188 Resp: 460205
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.4 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.695 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102508.D
Acq: 27 Jan 2018 14:11

Tgt Ion:248 Resp: 18305
Ion Ratio Lower Upper
248 100
250 195.6 76.9 115.3#
141 566.7 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: BF102508.D

Acq: 27 Jan 2018 14:11

Instrument :

BNA_F

ClientSampleId :

WC5

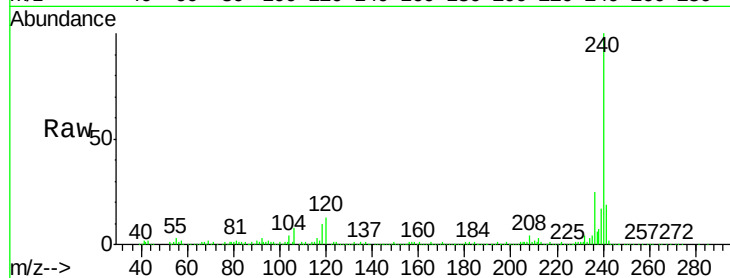
Tgt Ion:240 Resp: 271066

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

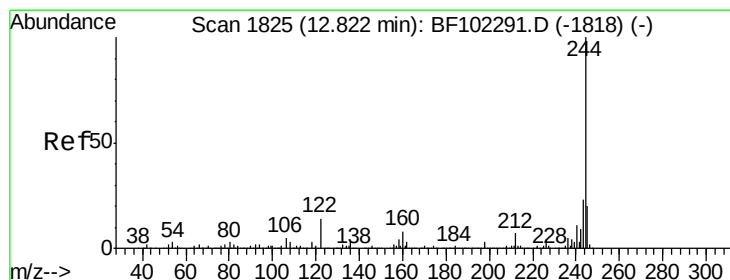
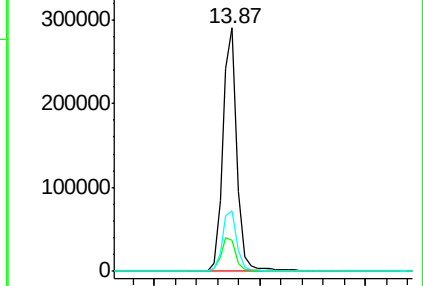
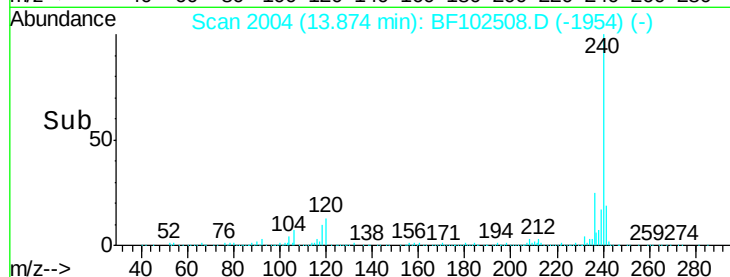
236 25.0 20.7 31.1



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: 77.627 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102508.D

Acq: 27 Jan 2018 14:11

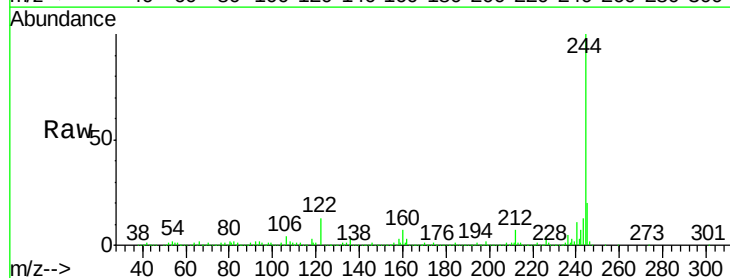
Tgt Ion:244 Resp: 933389

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

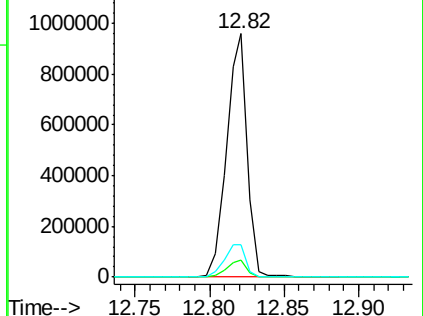
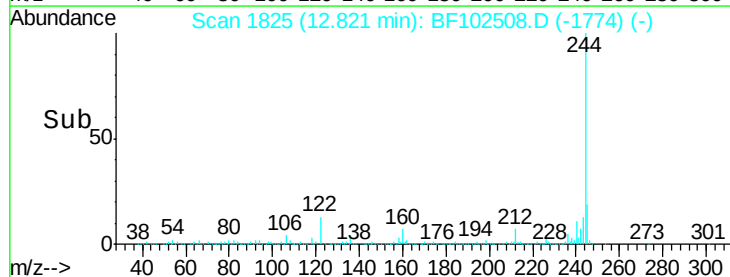
122 13.4 11.0 16.4

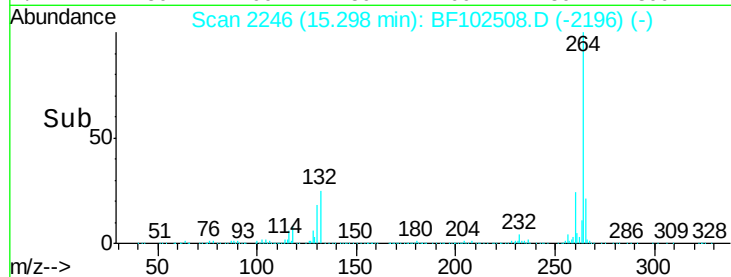
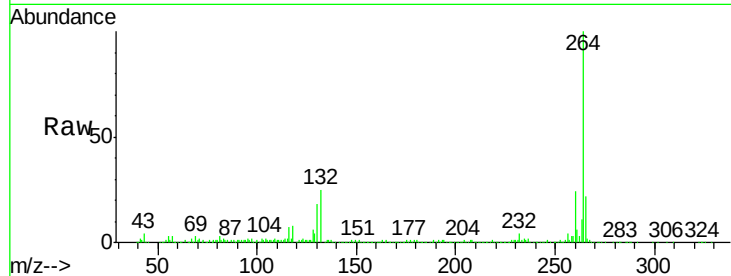
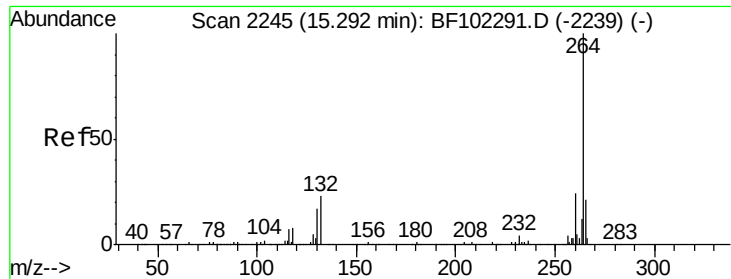


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.30 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BF102508.D

Acq: 27 Jan 2018 14:11

Instrument :

BNA_F

ClientSampleId :

WC5

Tgt Ion: 264 Resp: 284557

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.7 17.5 26.3

