

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
 Data File : BF102518.D
 Acq On : 27 Jan 2018 18:53
 Operator : SJ/JU
 Sample : J1009-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-012518-B

Quant Time: Jan 27 21:00:50 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	6.72	152	146657	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	595837	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	240508	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	330374	20.00	ng	0.00
75) Chrysene-d12	13.88	240	269582	20.00	ng	0.00
86) Perylene-d12	15.30	264	244615	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	1113153	115.09	ng	0.00
7) Phenol-d6	6.36	99	1314137	112.70	ng	0.00
23) Nitrobenzene-d5	7.28	82	830016	80.05	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	205594	86.27	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1175278	71.85	ng	0.00
78) Terphenyl-d14	12.83	244	744421	62.25	ng	0.01

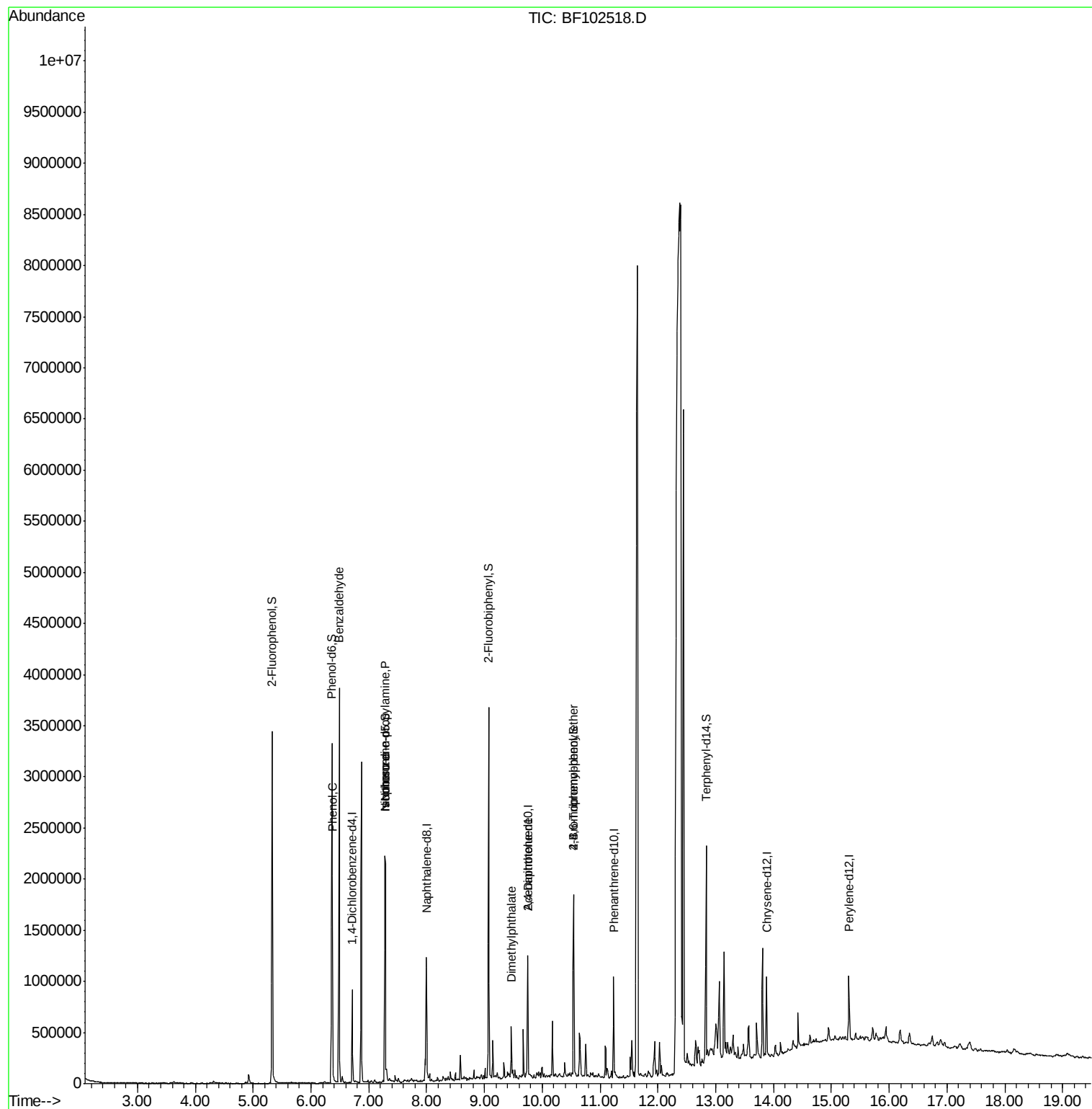
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.49	77	22735	2.811	ng	87
10) Phenol	6.37	94	58057	4.560	ng	96
19) n-Nitroso-di-n-propylamine	7.28	70	112300	15.737	ng	# 78
25) Isophorone	7.28	82	815047	44.094	ng	# 64
49) Dimethylphthalate	9.46	163	154927	7.793	ng	98
56) 2,4-Dinitrotoluene	9.75	165	32865	6.235	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	14097	3.964	ng	# 1

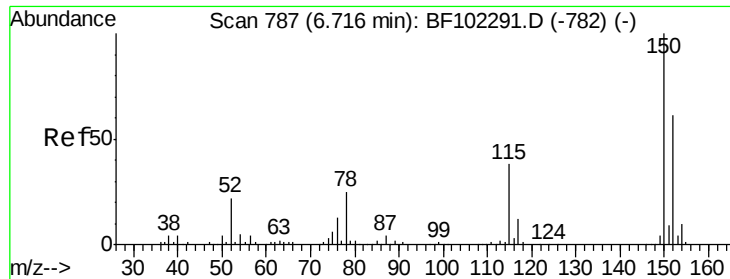
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102518.D
Acq On : 27 Jan 2018 18:53
Operator : SJ/JU
Sample : J1009-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-012518-B

Quant Time: Jan 27 21:00:50 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



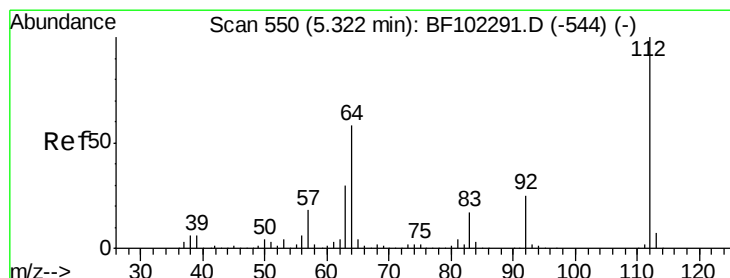
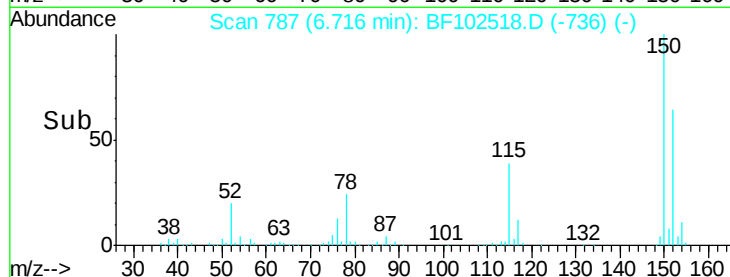
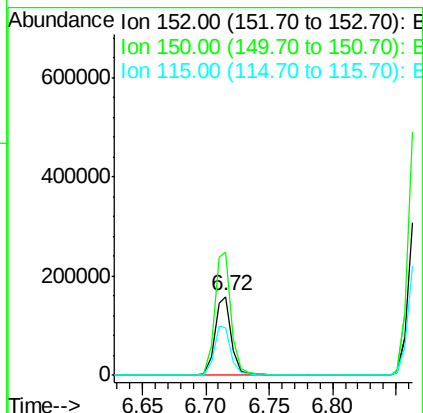
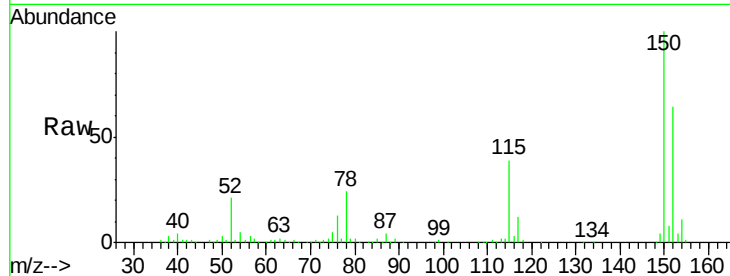


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102518.D
Acq: 27 Jan 2018 18:53

Instrument :
BNA_F
ClientSampleId :
AU-05-012518-B

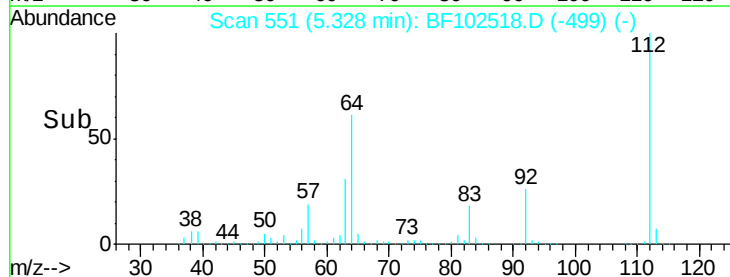
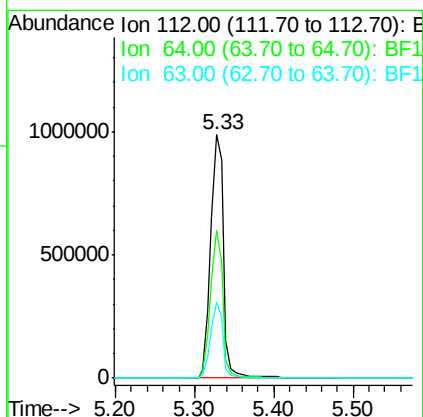
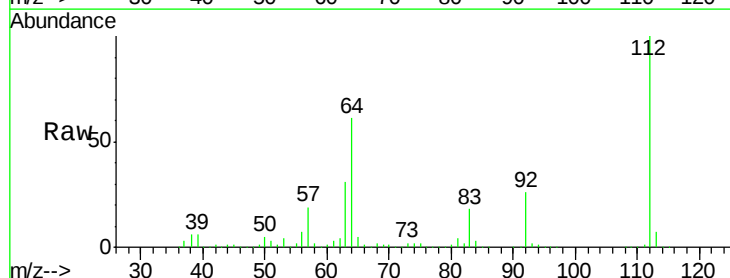
Tgt Ion:152 Resp: 146657
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 60.4 50.1 75.1

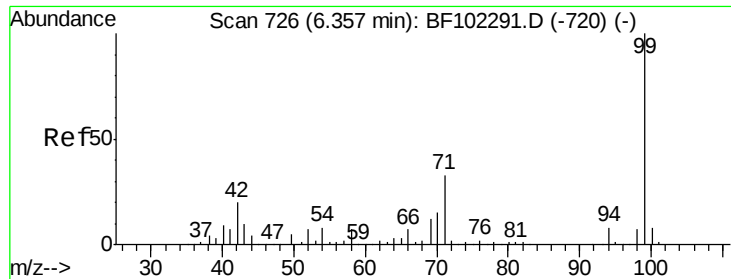


#5

2-Fluorophenol
Concen: 115.087 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102518.D
Acq: 27 Jan 2018 18:53

Tgt Ion:112 Resp: 1113153
Ion Ratio Lower Upper
112 100
64 60.8 47.9 71.9
63 31.4 23.7 35.5





#7

Phenol-d6

Concen: 112.697 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102518.D

Acq: 27 Jan 2018 18:53

Instrument :

BNA_F

ClientSampleId :

AU-05-012518-B

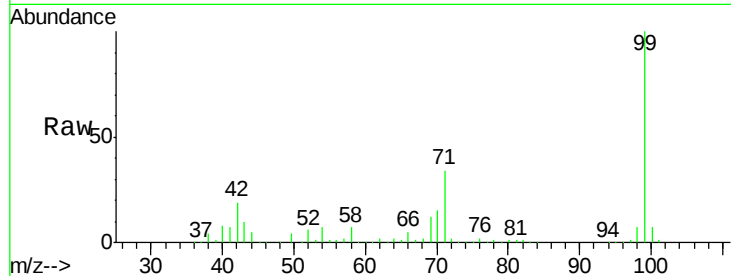
Tgt Ion: 99 Resp: 1314137

Ion Ratio Lower Upper

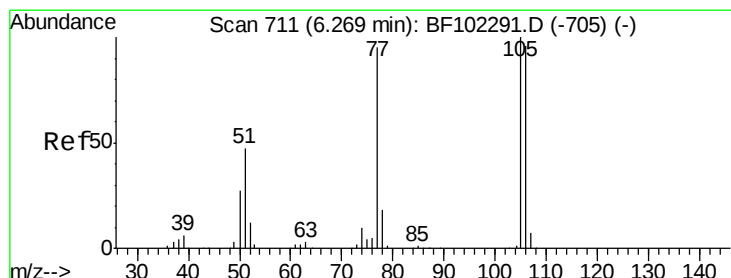
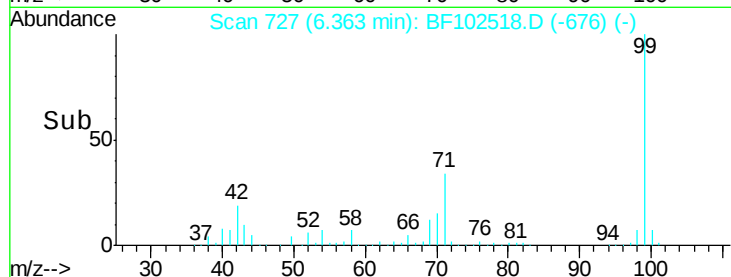
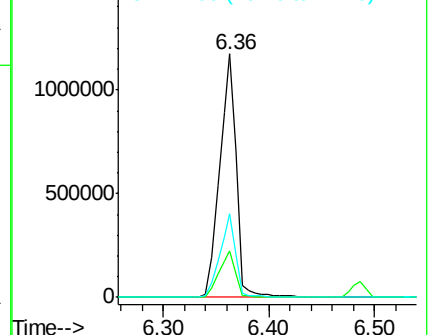
99 100

42 19.0 14.5 21.7

71 34.2 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: 2.811 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF102518.D

Acq: 27 Jan 2018 18:53

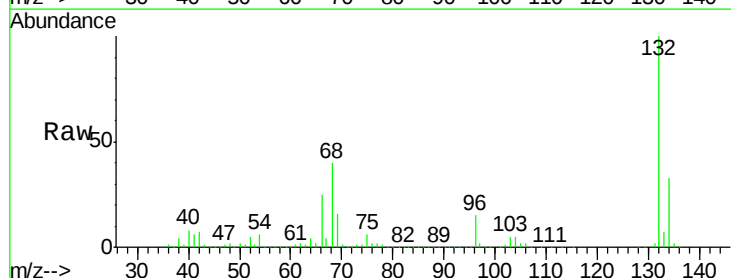
Tgt Ion: 77 Resp: 22735

Ion Ratio Lower Upper

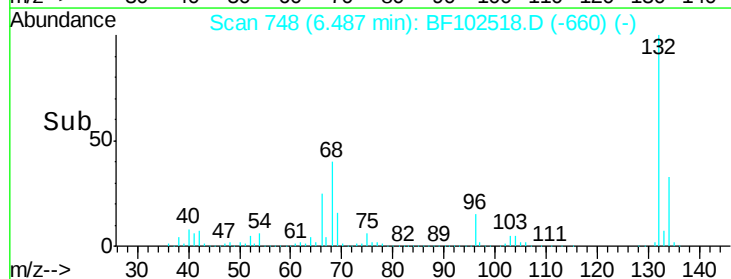
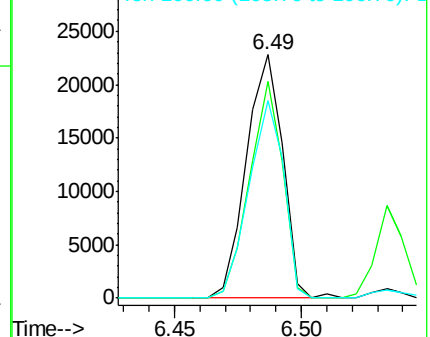
77 100

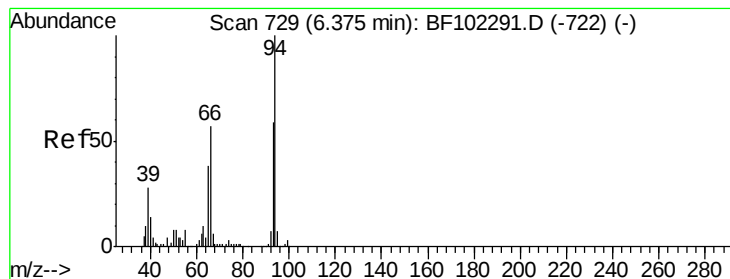
105 89.0 81.1 121.1

106 81.3 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: 4.560 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF102518.D

Acq: 27 Jan 2018 18:53

Instrument :

BNA_F

ClientSampleId :

AU-05-012518-B

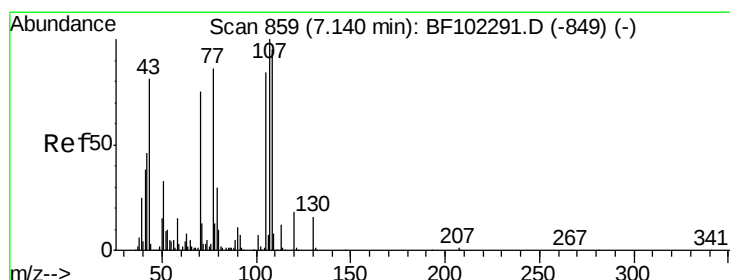
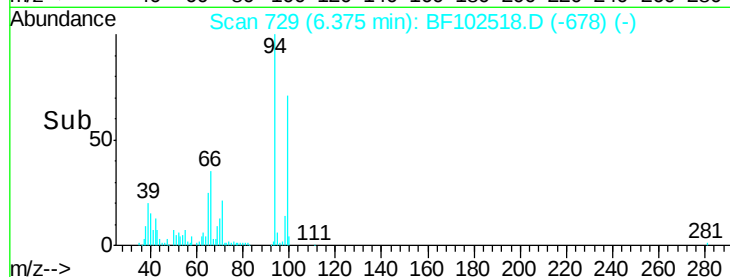
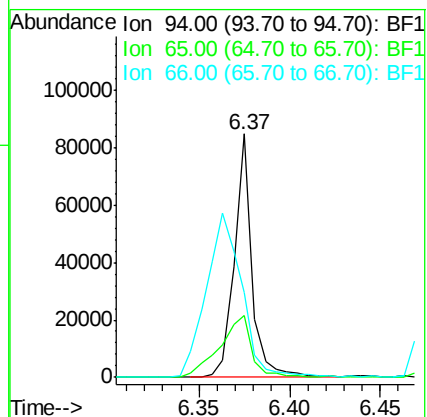
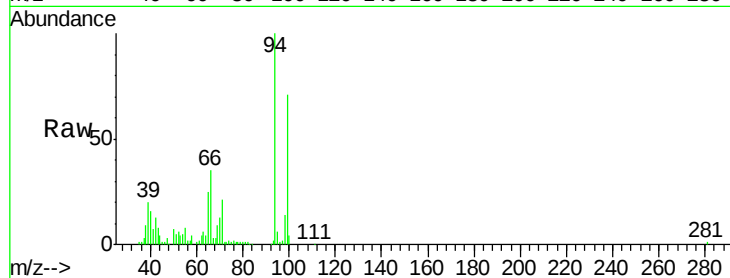
Tgt Ion: 94 Resp: 58057

Ion Ratio Lower Upper

94 100

65 25.3 7.9 47.9

66 34.7 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 15.737 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF102518.D

Acq: 27 Jan 2018 18:53

Tgt Ion: 70 Resp: 112300

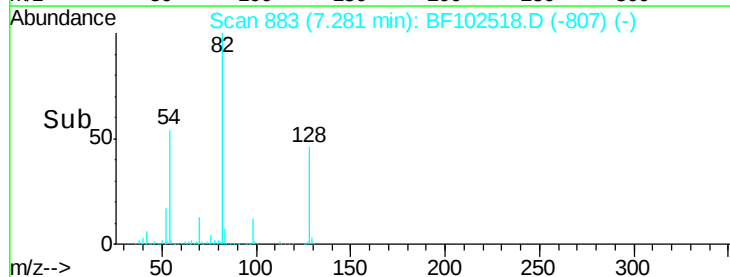
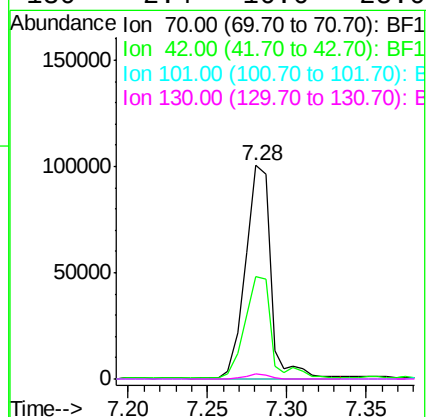
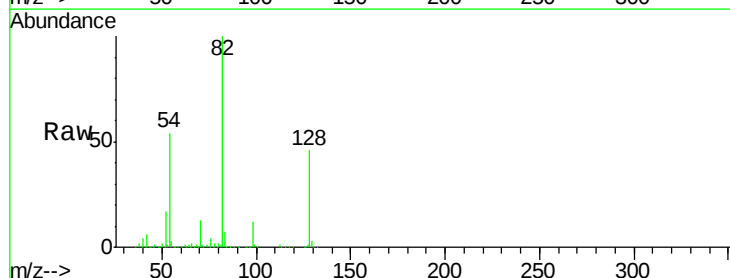
Ion Ratio Lower Upper

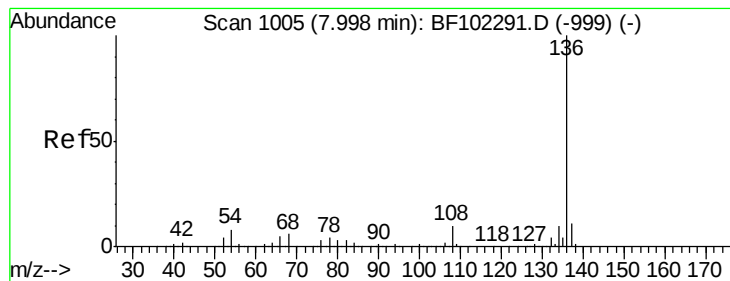
70 100

42 48.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF102518.D

Acq: 27 Jan 2018 18:53

Instrument :

BNA_F

ClientSampleId :

AU-05-012518-B

Tgt Ion: 136 Resp: 595837

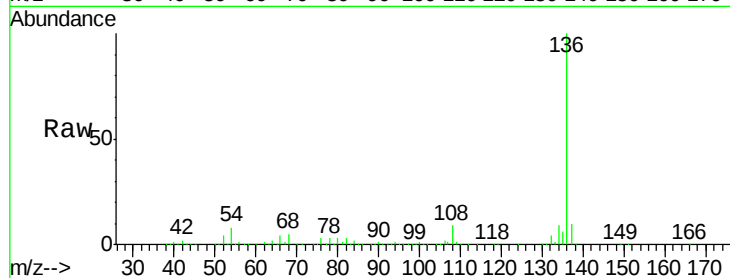
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 7.5 6.6 9.8

68 5.3 5.0 7.4

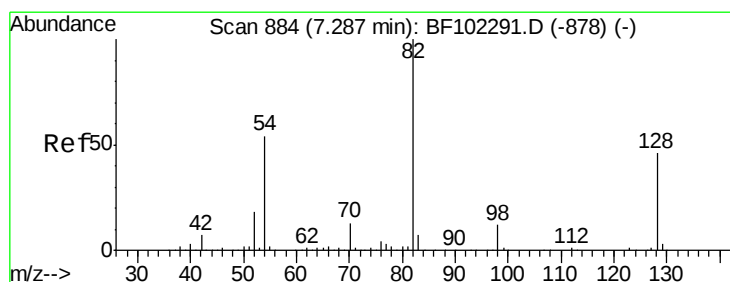
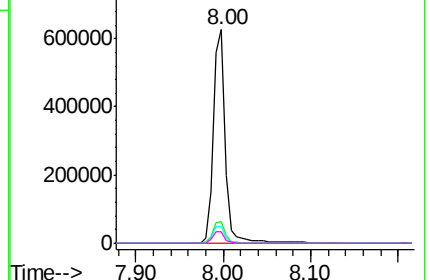
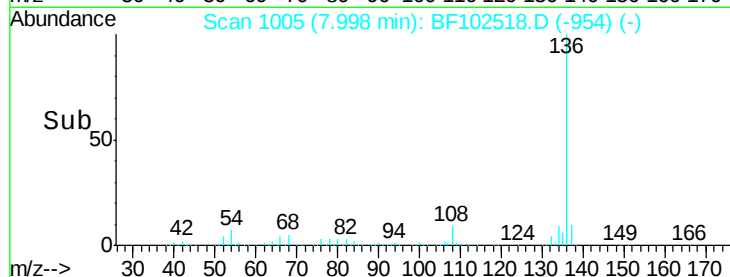


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.053 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102518.D

Acq: 27 Jan 2018 18:53

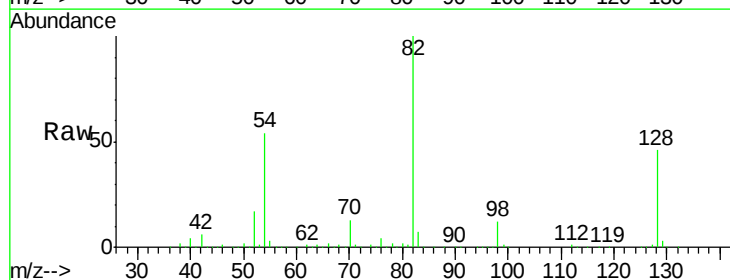
Tgt Ion: 82 Resp: 830016

Ion Ratio Lower Upper

82 100

128 45.9 36.1 54.1

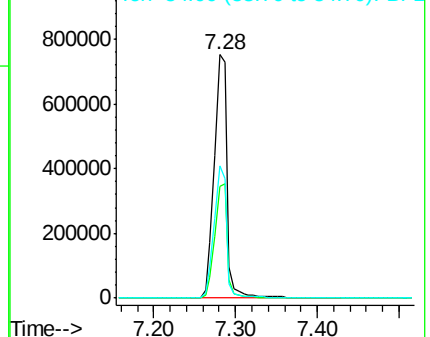
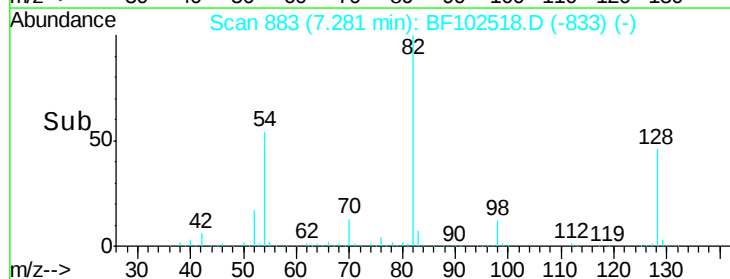
54 54.3 41.4 62.2

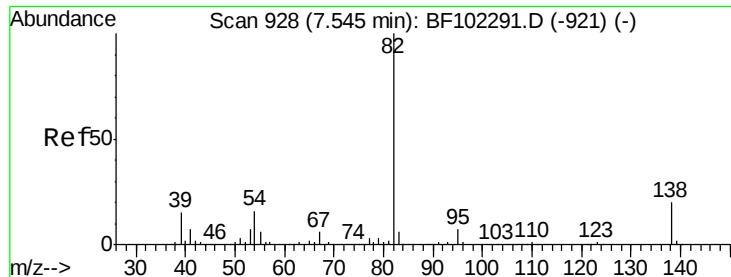


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 44.094 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF102518.D

Acq: 27 Jan 2018 18:53

Instrument :

BNA_F

ClientSampleId :

AU-05-012518-B

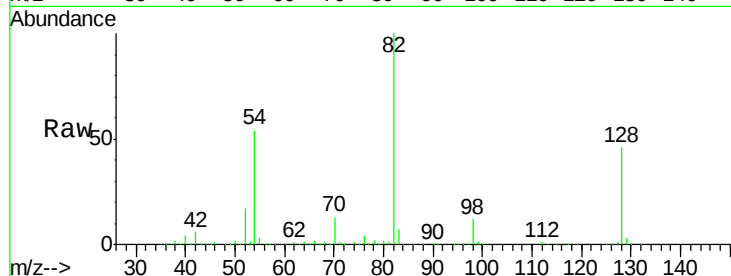
Tgt Ion: 82 Resp: 815047

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

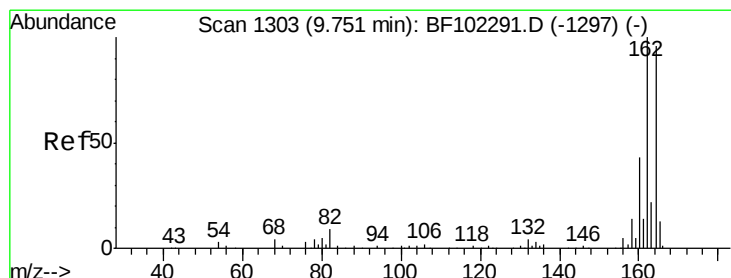
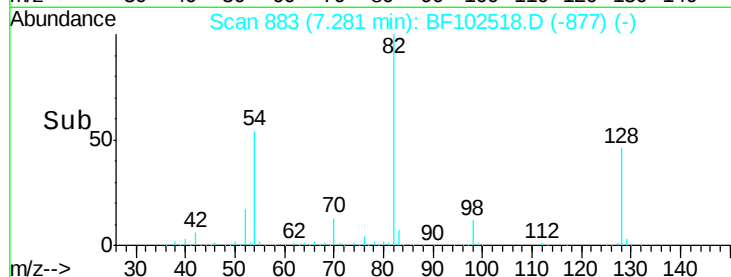
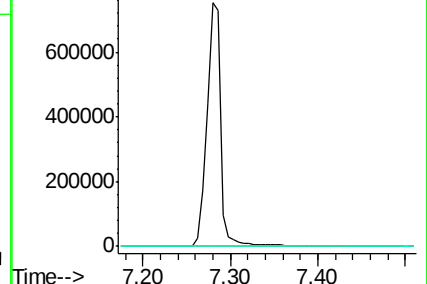
138 0.0 14.9 22.3#



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# 1303

Delta R.T. 0.00 min

Lab File: BF102518.D

Acq: 27 Jan 2018 18:53

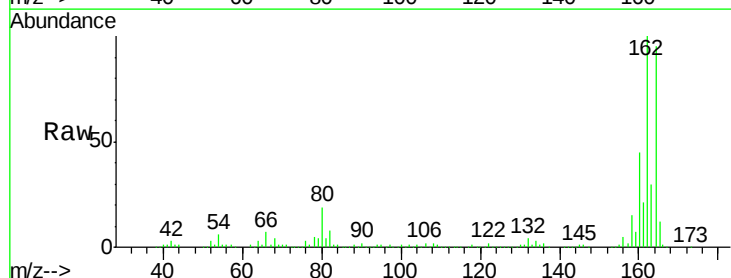
Tgt Ion: 164 Resp: 240508

Ion Ratio Lower Upper

164 100

162 105.7 86.1 129.1

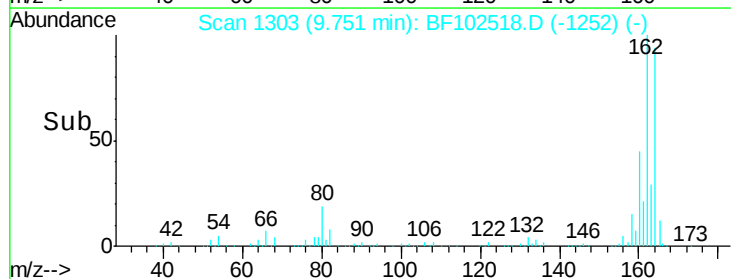
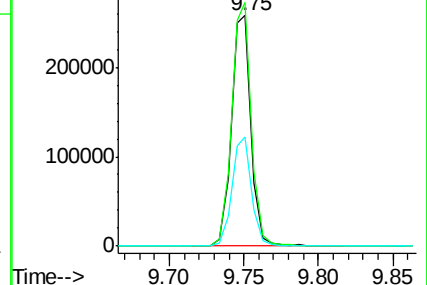
160 47.4 38.3 57.5

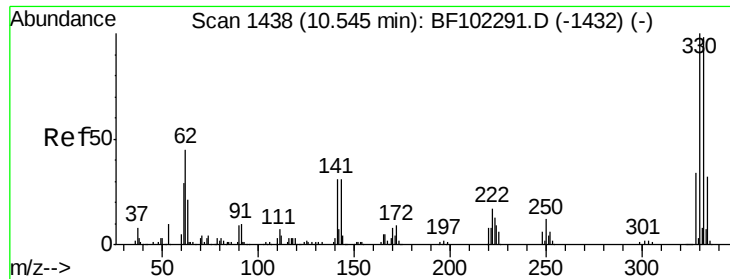


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

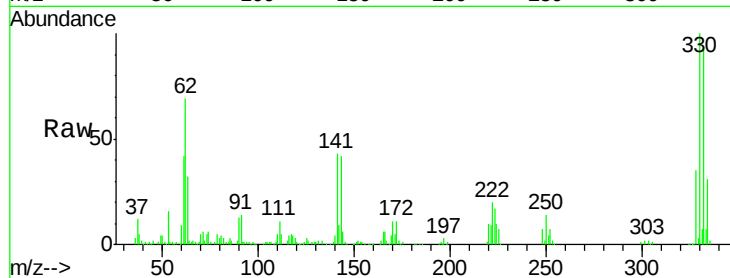




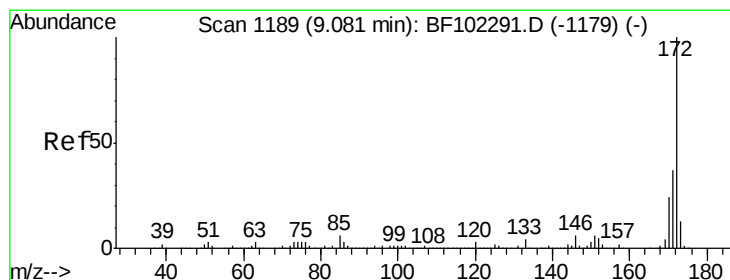
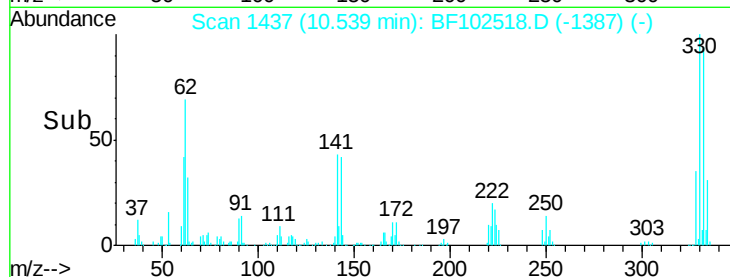
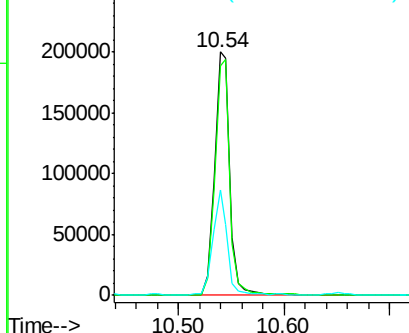
#41
 2,4,6-Tribromophenol
 Concen: 86.272 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102518.D
 Acq: 27 Jan 2018 18:53

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-012518-B

Tgt Ion:330 Resp: 205594
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 40.1 29.9 44.9

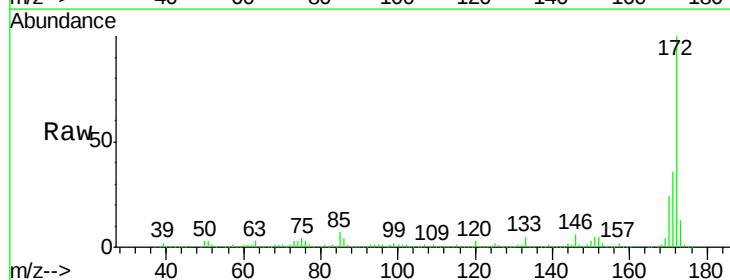


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

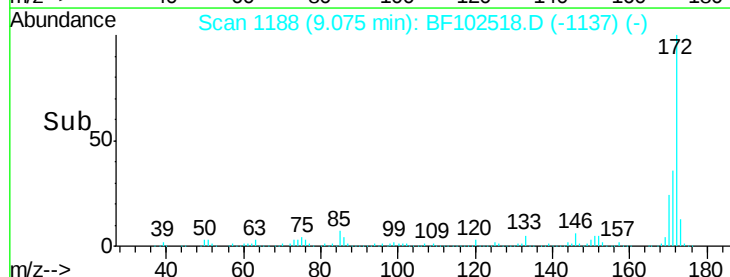
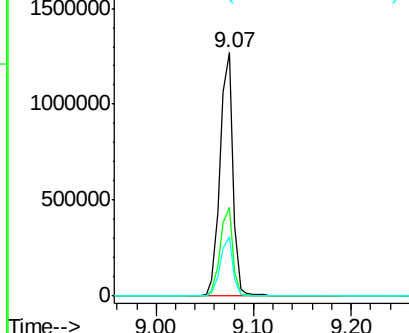


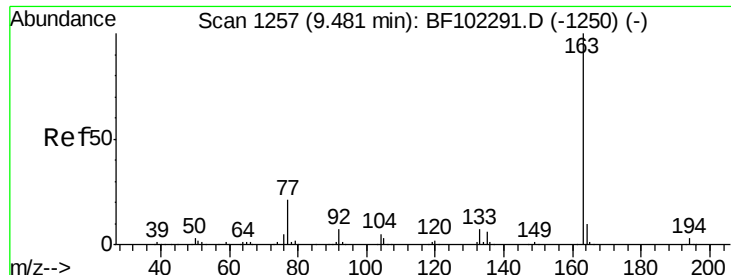
#44
 2-Fluorobiphenyl
 Concen: 71.851 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF102518.D
 Acq: 27 Jan 2018 18:53

Tgt Ion:172 Resp: 1175278
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.2 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

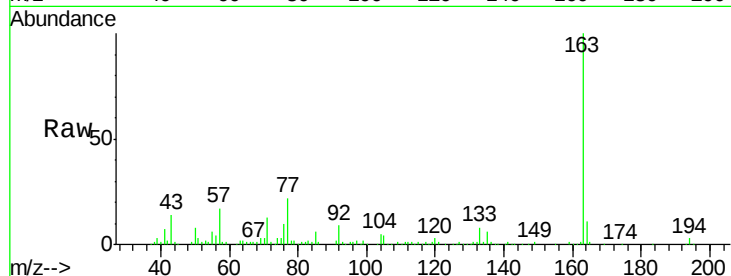




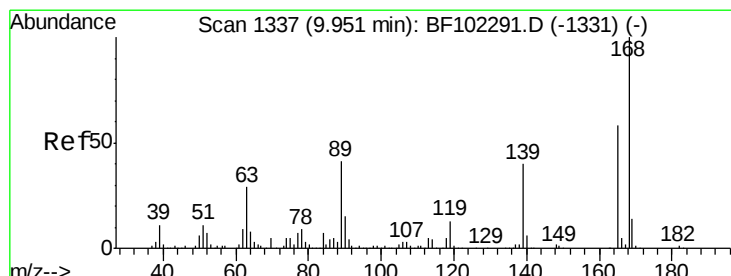
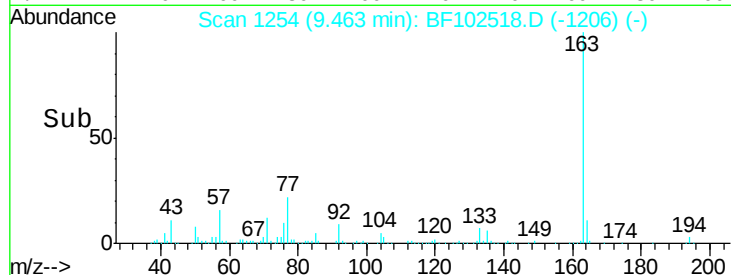
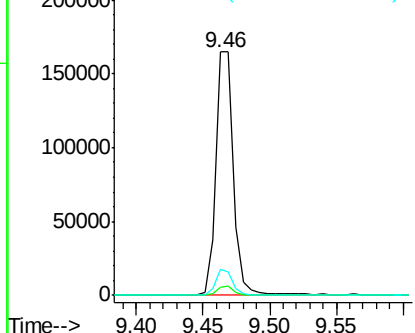
#49
Dimethylphthalate
Concen: 7.793 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF102518.D
Acq: 27 Jan 2018 18:53

Instrument :
BNA_F
ClientSampleId :
AU-05-012518-B

Tgt Ion:163 Resp: 154927
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.9 8.2 12.2

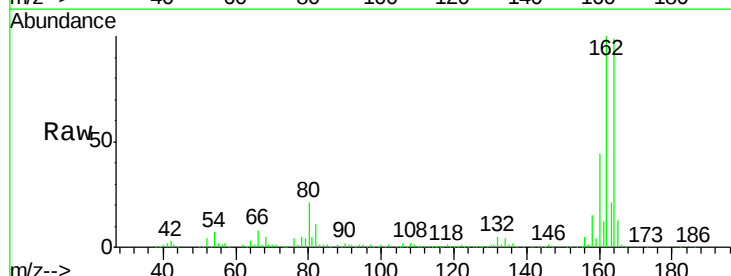


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

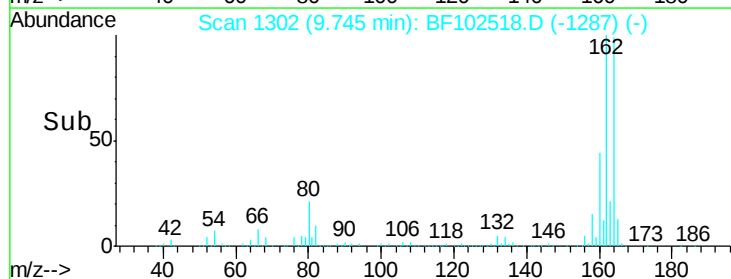
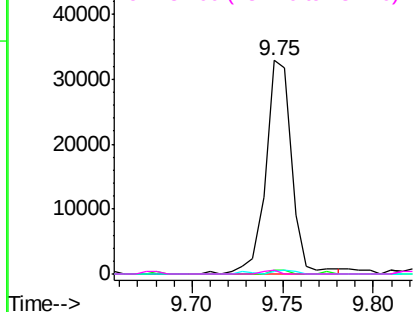


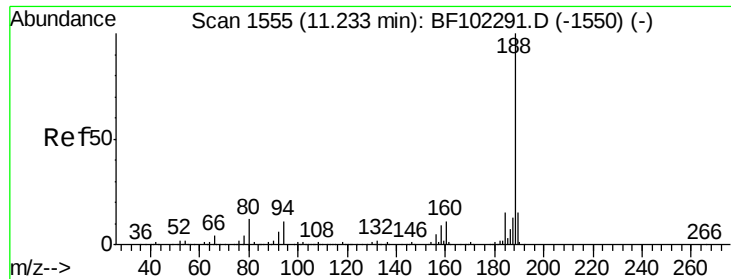
#56
2,4-Dinitrotoluene
Concen: 6.235 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF102518.D
Acq: 27 Jan 2018 18:53

Tgt Ion:165 Resp: 32865
Ion Ratio Lower Upper
165 100
63 1.6 36.4 54.6#
89 1.1 57.8 86.6#
182 1.7 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

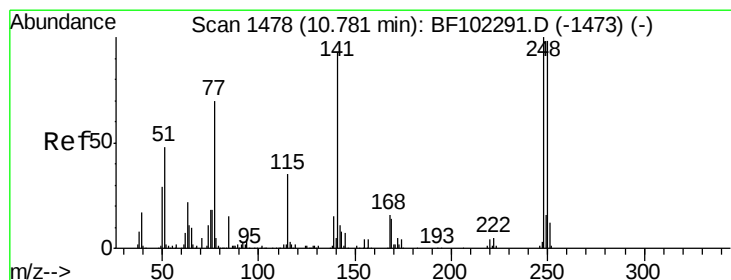
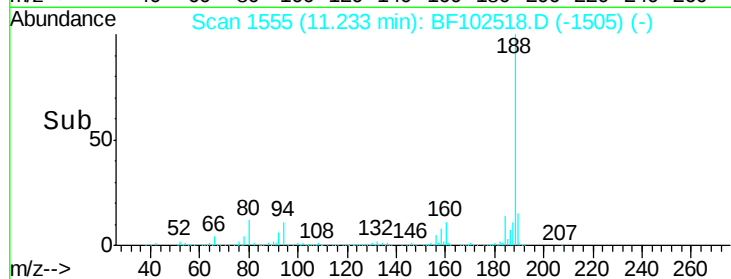
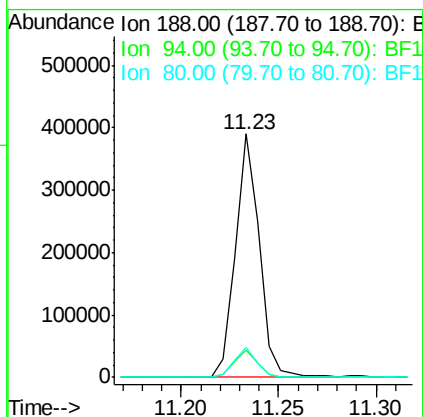
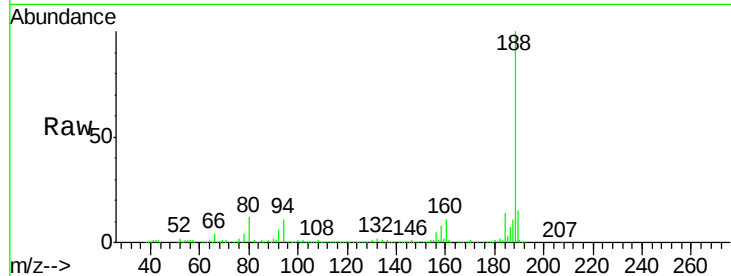




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102518.D
Acq: 27 Jan 2018 18:53

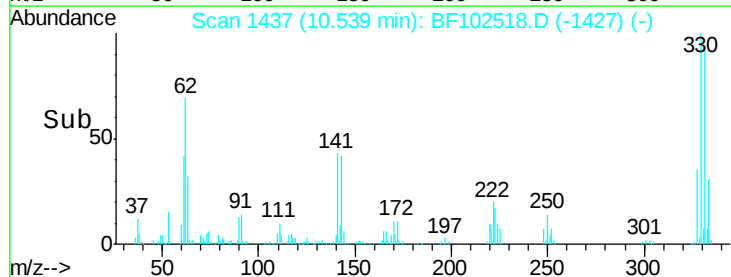
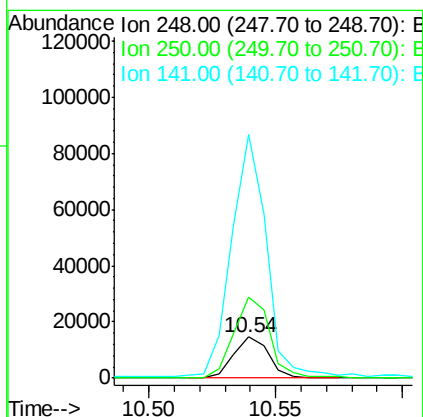
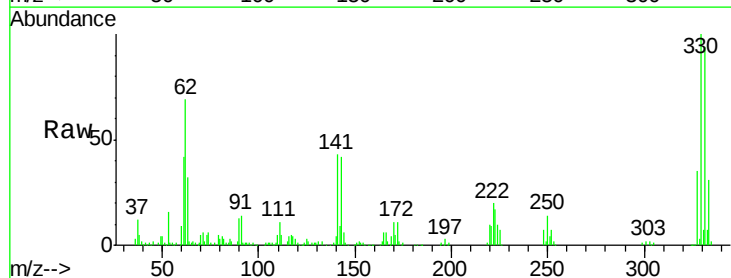
Instrument :
BNA_F
ClientSampleId :
AU-05-012518-B

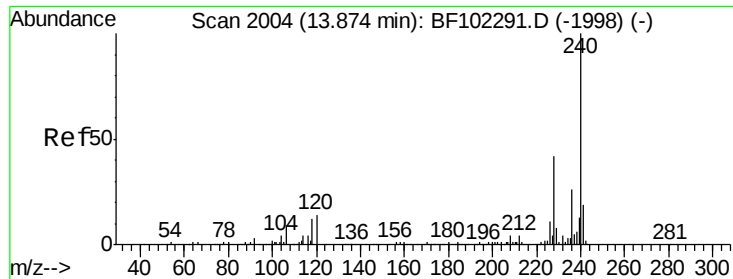
Tgt Ion:188 Resp: 330374
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 12.3 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.964 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102518.D
Acq: 27 Jan 2018 18:53

Tgt Ion:248 Resp: 14097
Ion Ratio Lower Upper
248 100
250 195.1 76.9 115.3#
141 590.5 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF102518.D

Acq: 27 Jan 2018 18:53

Instrument :

BNA_F

ClientSampleId :

AU-05-012518-B

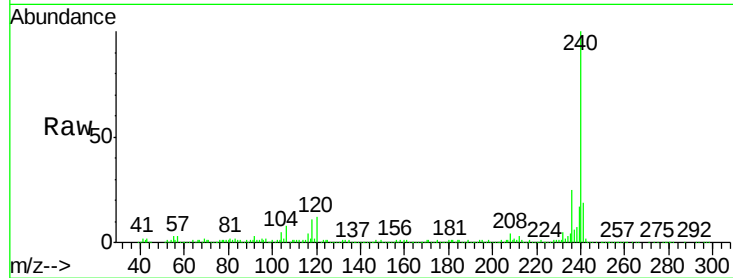
Tgt Ion:240 Resp: 269582

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

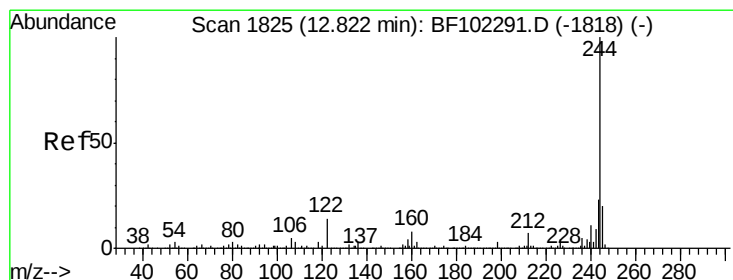
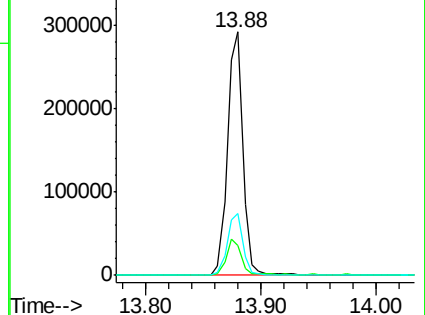
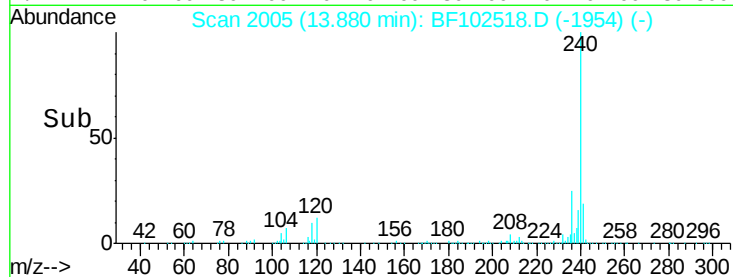
236 25.2 20.7 31.1



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: 62.252 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF102518.D

Acq: 27 Jan 2018 18:53

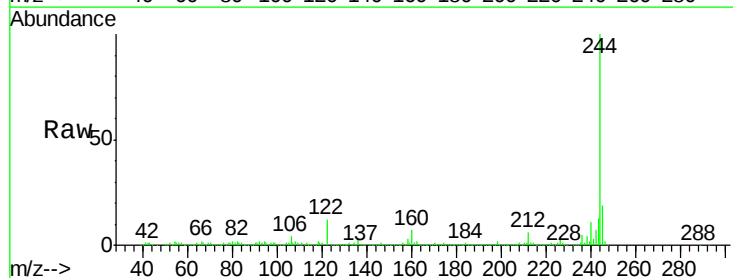
Tgt Ion:244 Resp: 744421

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

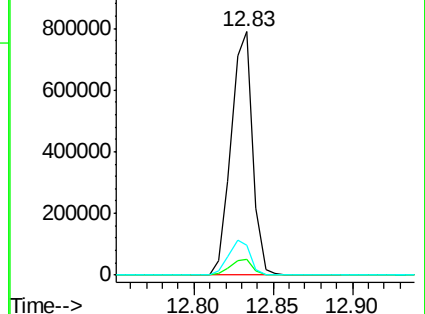
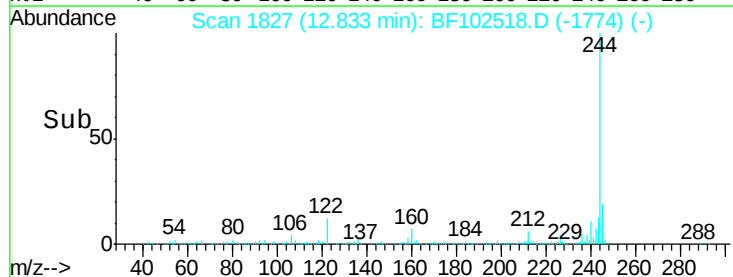
122 12.2 11.0 16.4

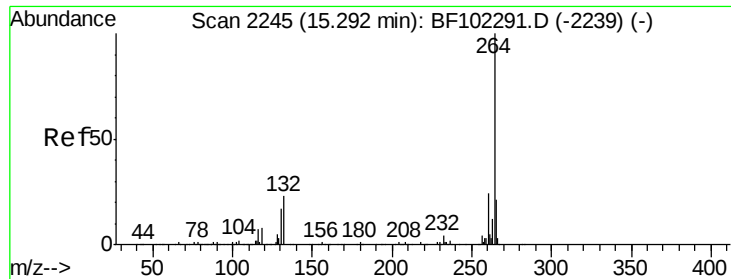


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2247
Delta R.T. 0.00 min
Lab File: BF102518.D
Acq: 27 Jan 2018 18:53

Instrument :
BNA_F
ClientSampleId :
AU-05-012518-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.3	17.5	26.3

