

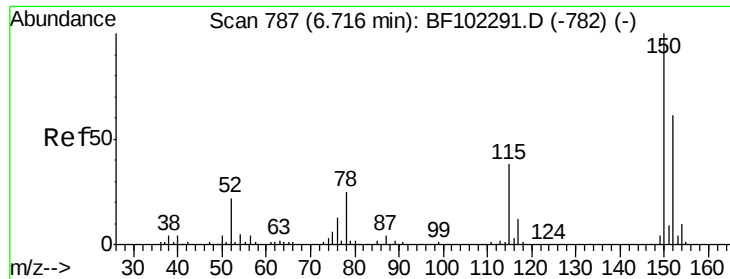
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020218\
 Data File : BF102702.D
 Acq On : 2 Feb 2018 12:16
 Operator : SJ/JU
 Sample : J1410-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 02 13:25:09 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 18:38:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	211183	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	890885	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	388505	20.00	ng	-0.02
63) Phenanthrene-d10	11.22	188	519129	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	328786	20.00	ng	-0.01
86) Perylene-d12	15.30	264	285463	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	726953	52.19	ng	0.01
7) Phenol-d6	6.37	99	852971	50.80	ng	0.01
23) Nitrobenzene-d5	7.26	82	621021	40.06	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	154575	40.15	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	1045991	39.59	ng	-0.02
78) Terphenyl-d14	12.80	244	711594	48.79	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	79340	7.721	ng	# 82
25) Isophorone	7.26	82	621017	22.470	ng	# 64
50) 2,6-Dinitrotoluene	9.72	165	49957	7.216	ng	# 27

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

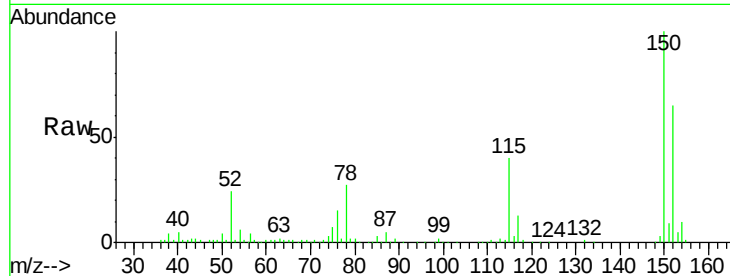


#1

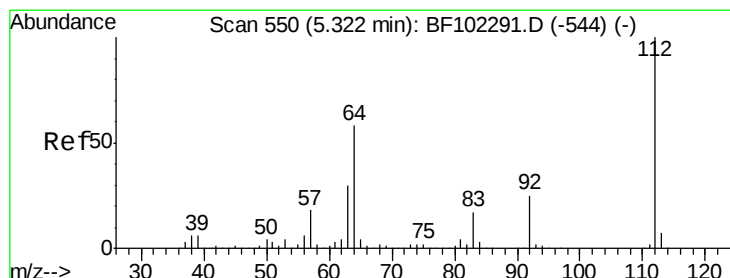
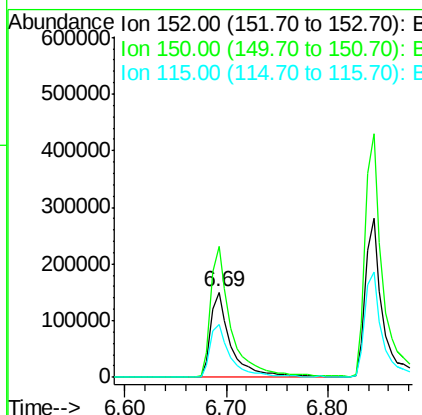
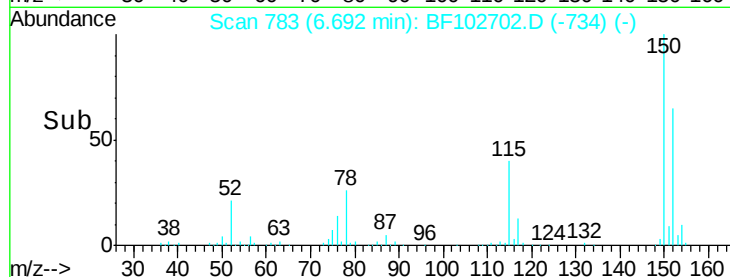
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF102702.D
Acq: 2 Feb 2018 12:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 211183
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 62.3 50.1 75.1



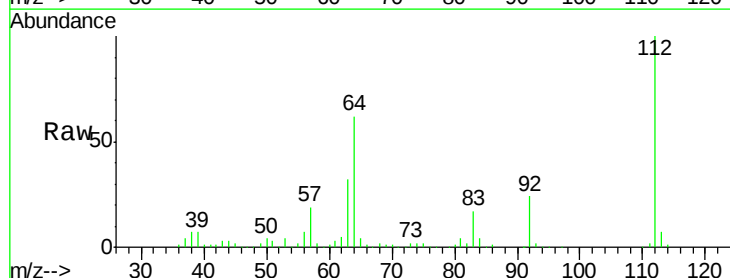
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



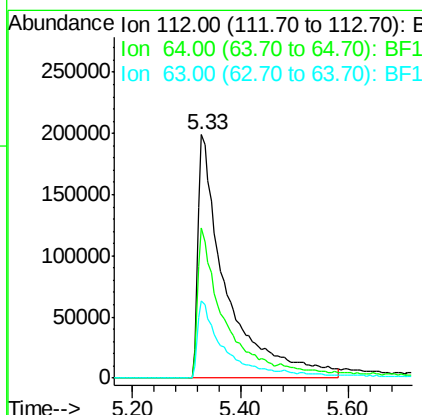
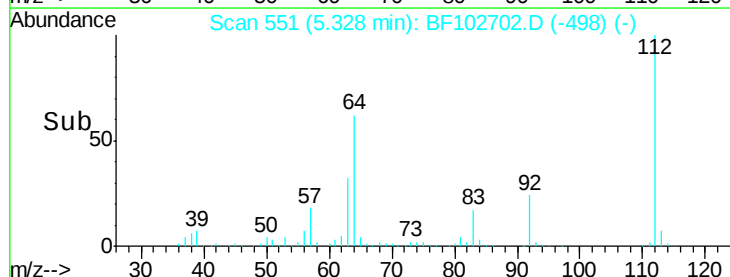
#5

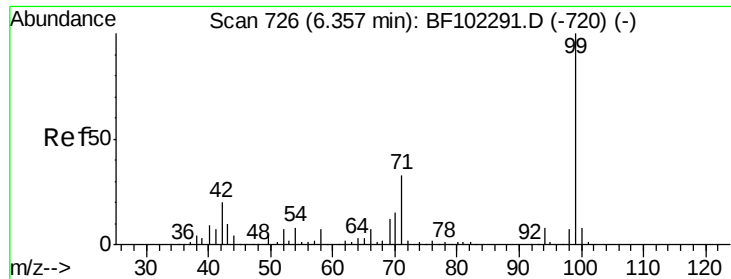
2-Fluorophenol
Concen: 52.194 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102702.D
Acq: 2 Feb 2018 12:16

Tgt Ion:112 Resp: 726953
Ion Ratio Lower Upper
112 100
64 61.7 47.9 71.9
63 31.5 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: 50.798 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102702.D

Acq: 2 Feb 2018 12:16

Instrument :

BNA_F

ClientSampleId :

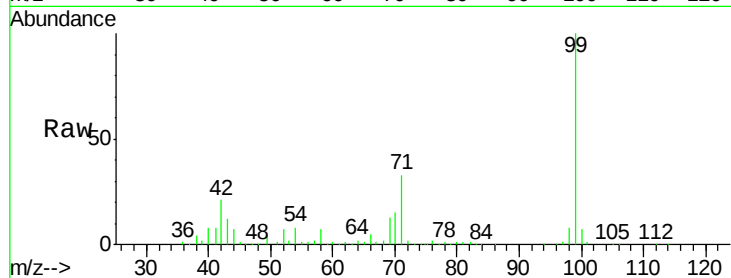
Tot Ion: 99 Resp: 852971

Ion Ratio Lower Upper

99 100

42 21.0 14.5 21.7

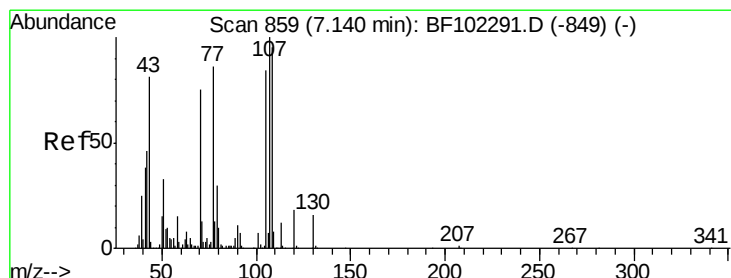
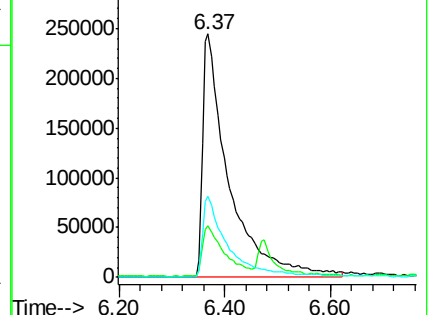
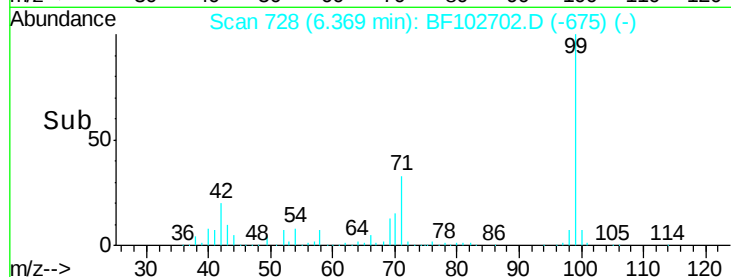
71 33.1 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 7.721 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.14 min

Lab File: BF102702.D

Acq: 2 Feb 2018 12:16

Tgt Ion: 70 Resp: 79340

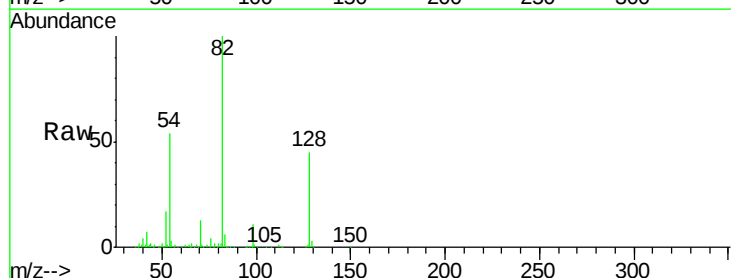
Ion Ratio Lower Upper

70 100

42 52.6 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

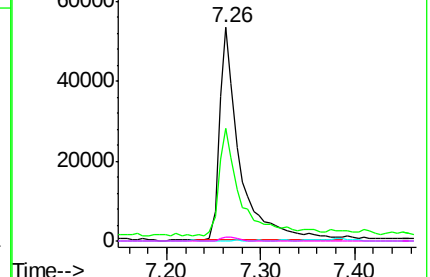
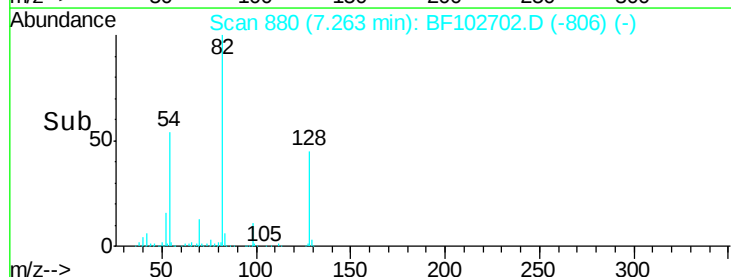


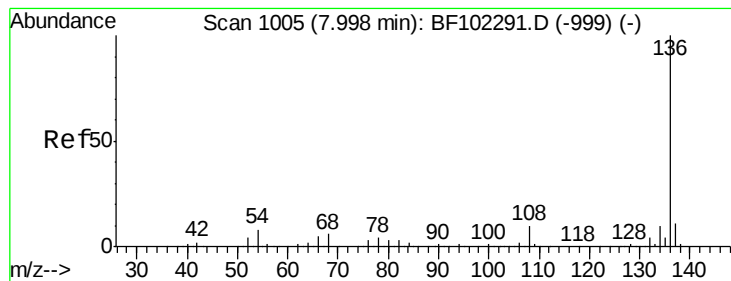
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF102702.D

Acq: 2 Feb 2018 12:16

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 890885

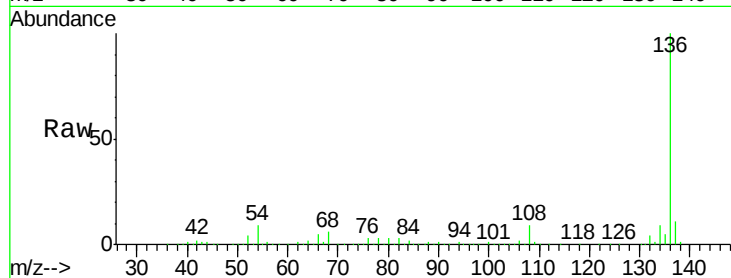
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 8.5 6.6 9.8

68 6.2 5.0 7.4

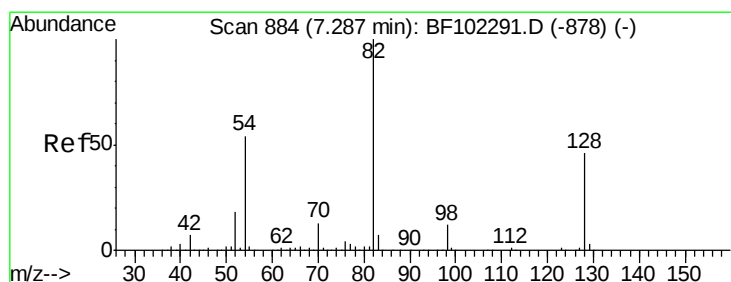
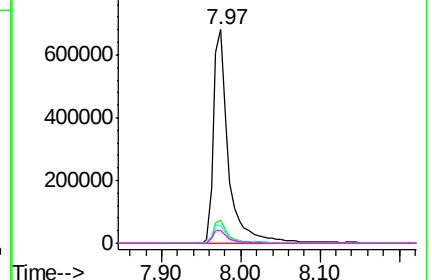
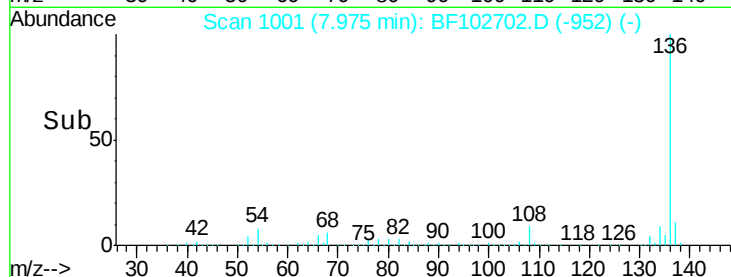


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.059 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF102702.D

Acq: 2 Feb 2018 12:16

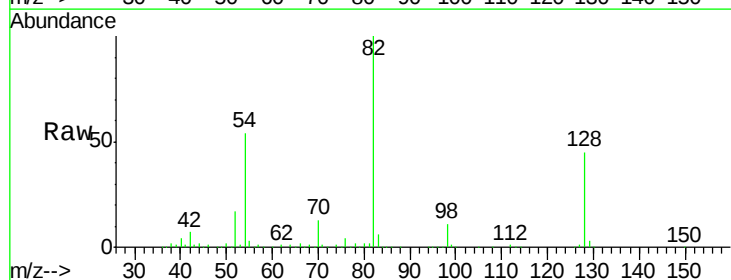
Tgt Ion: 82 Resp: 621021

Ion Ratio Lower Upper

82 100

128 45.0 36.1 54.1

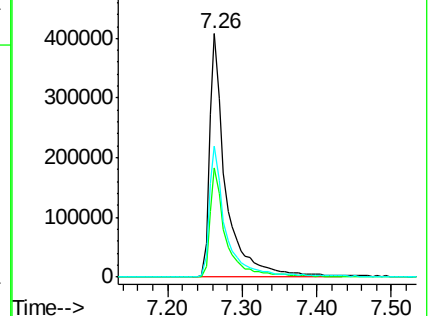
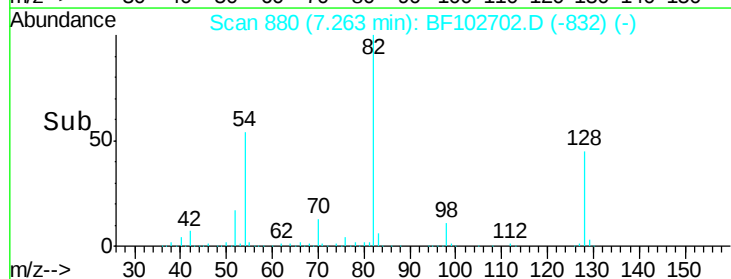
54 53.9 41.4 62.2

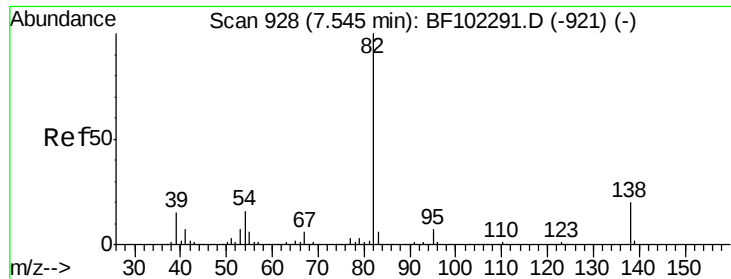


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 22.470 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.27 min

Lab File: BF102702.D

Acq: 2 Feb 2018 12:16

Instrument :

BNA_F

ClientSampleId :

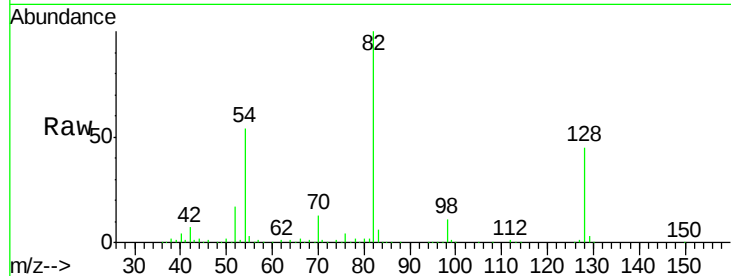
Tot Ion: 82 Resp: 621017

Ion Ratio Lower Upper

82 100

95 0.2 5.2 7.8#

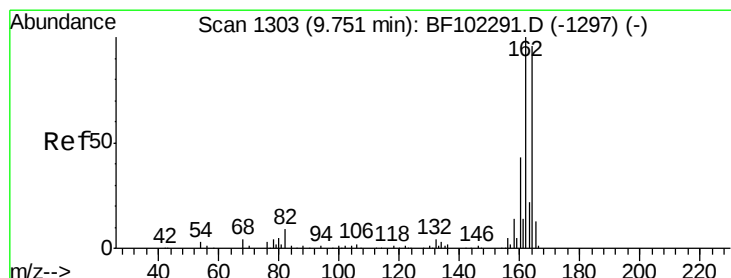
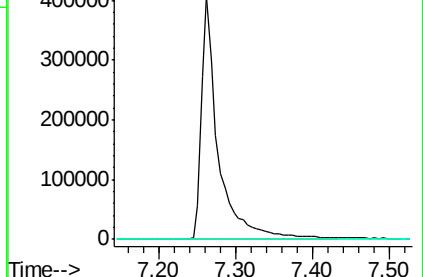
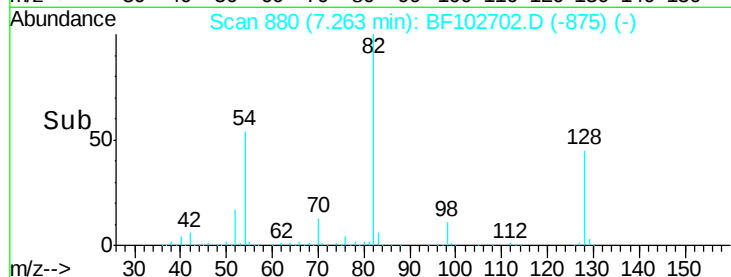
138 0.0 14.9 22.3#



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: 9.72 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF102702.D

Acq: 2 Feb 2018 12:16

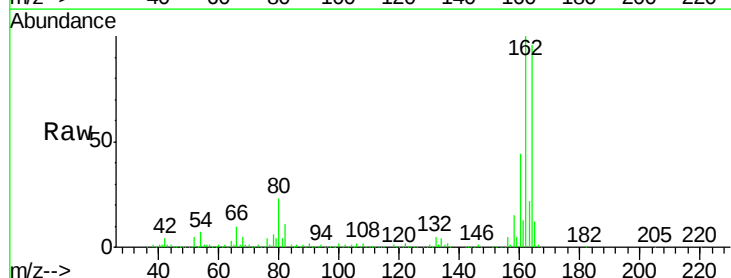
Tgt Ion:164 Resp: 388505

Ion Ratio Lower Upper

164 100

162 103.9 86.1 129.1

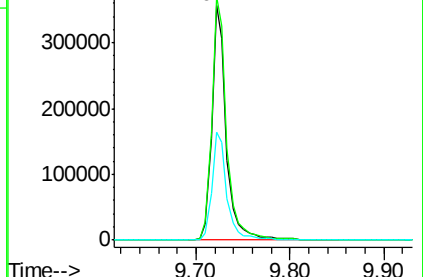
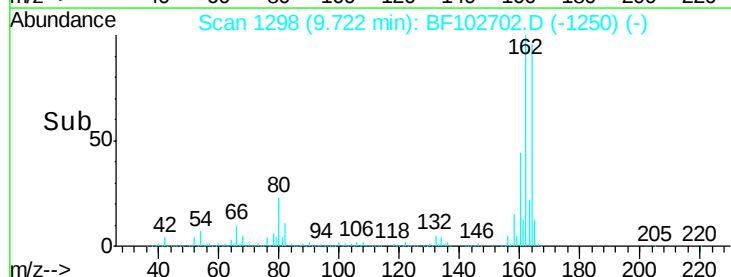
160 46.0 38.3 57.5

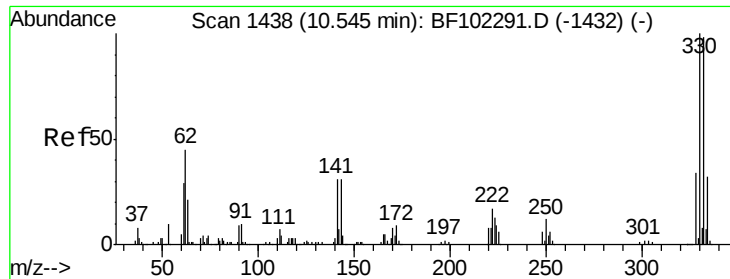


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

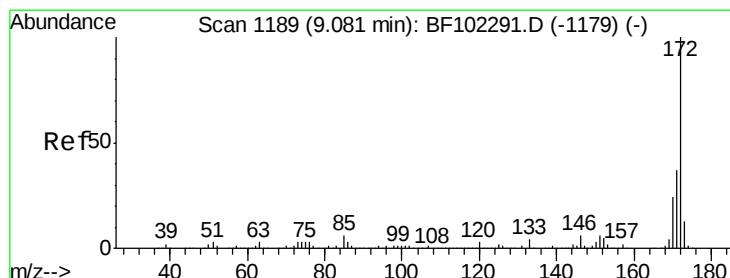
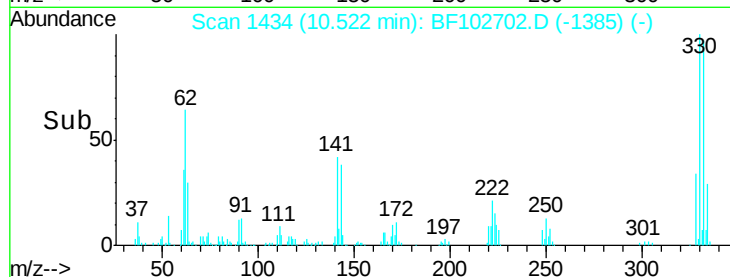
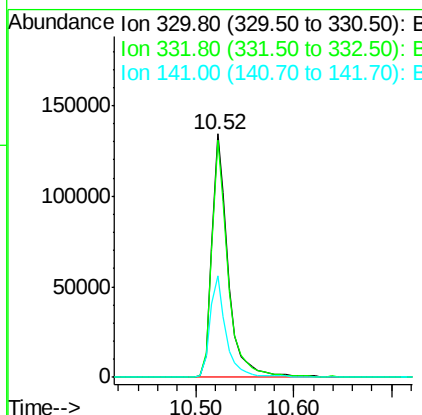
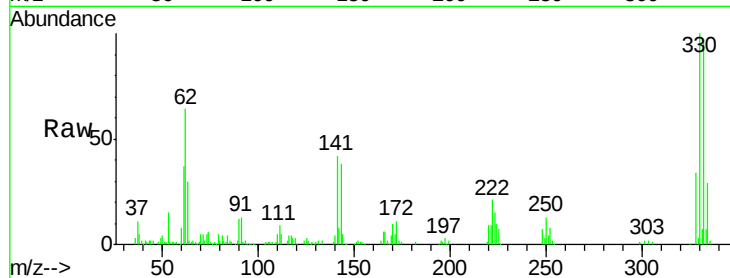




#41
 2,4,6-Tribromophenol
 Concen: 40.154 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF102702.D
 Acq: 2 Feb 2018 12:16

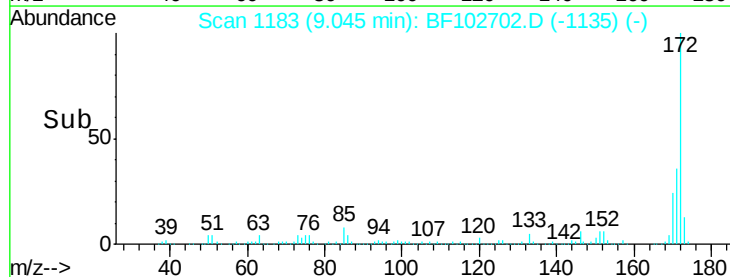
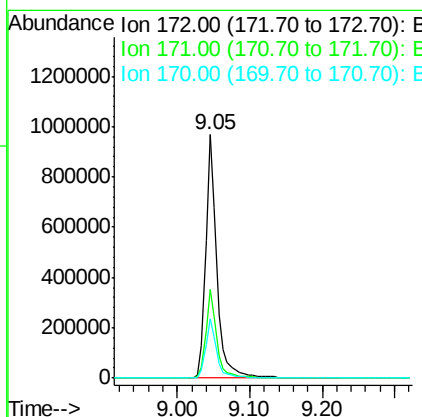
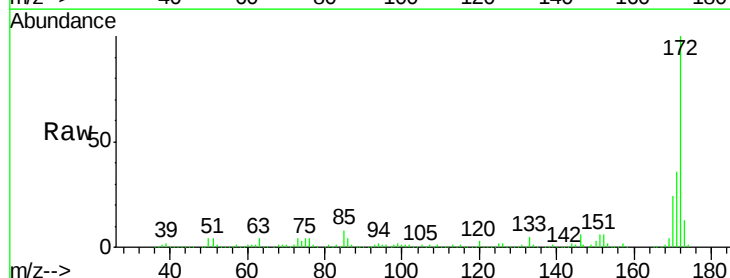
Instrument :
 BNA_F
 ClientSampled :

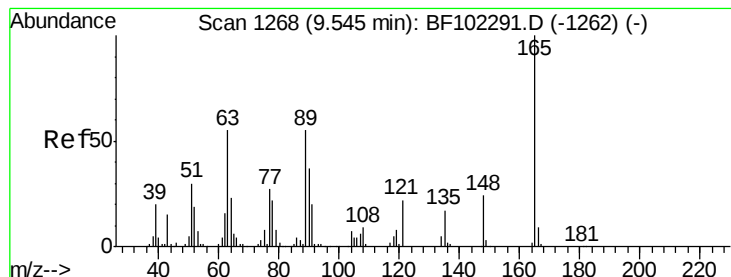
Tot Ion:330 Resp: 154575
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 41.1 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 39.587 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF102702.D
 Acq: 2 Feb 2018 12:16

Tgt Ion:172 Resp: 1045991
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.3 19.6 29.4





#50

2,6-Dinitrotoluene

Concen: 7.216 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.18 min

Lab File: BF102702.D

Acq: 2 Feb 2018 12:16

Instrument :

BNA_F

ClientSampleId :

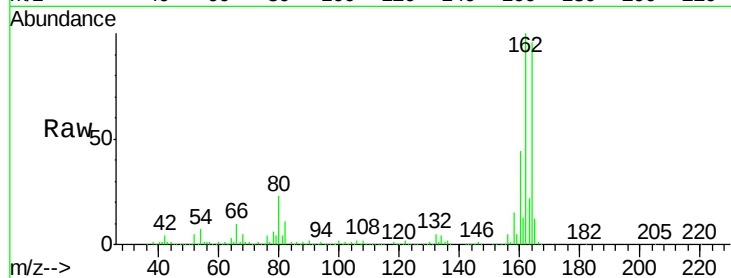
Tot Ion:165 Resp: 49957

Ion Ratio Lower Upper

165 100

63 2.0 44.7 67.1#

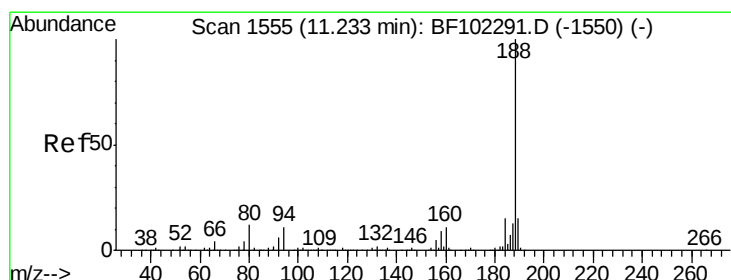
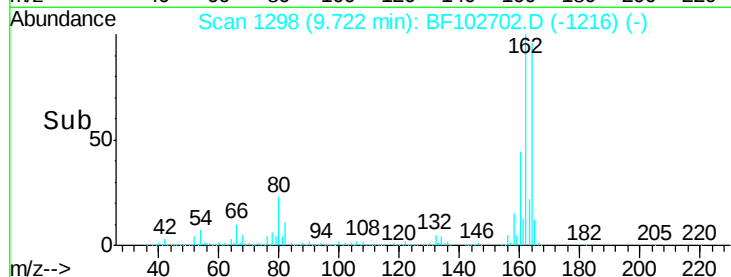
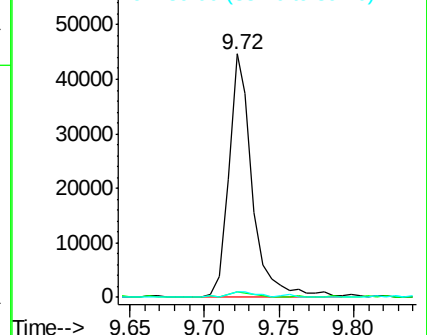
89 2.2 44.0 66.0#



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BF102702.D

Acq: 2 Feb 2018 12:16

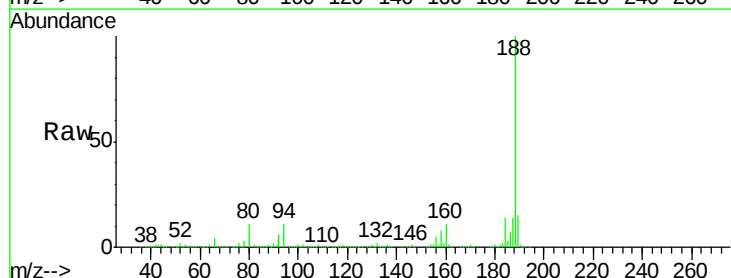
Tgt Ion:188 Resp: 519129

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

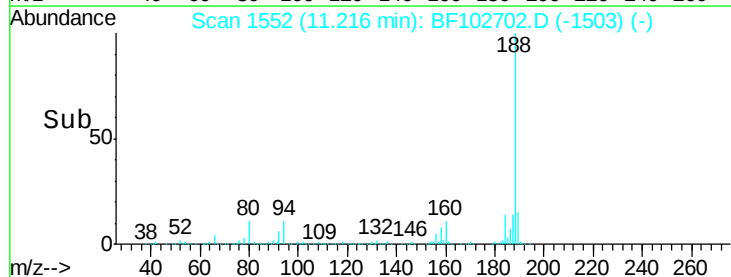
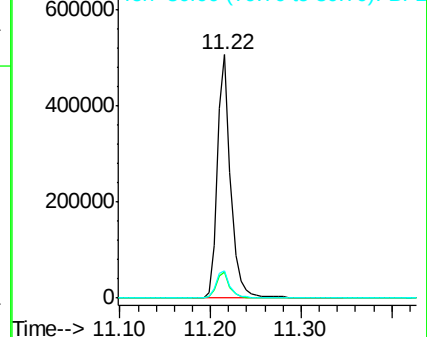
80 11.1 9.2 13.8

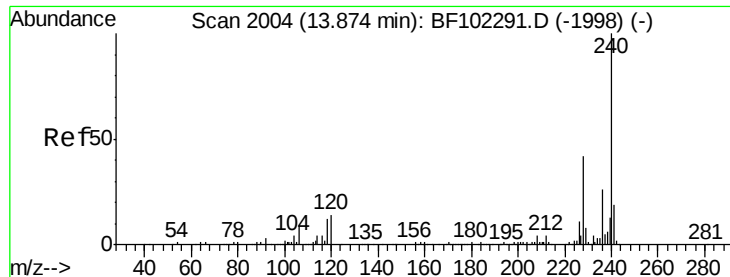


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF102702.D

Acq: 2 Feb 2018 12:16

Instrument :

BNA_F

ClientSampleId :

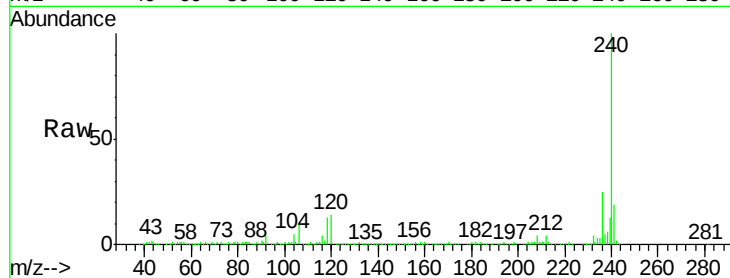
Tot Ion:240 Resp: 328786

Ion Ratio Lower Upper

240 100

120 14.2 9.5 14.3

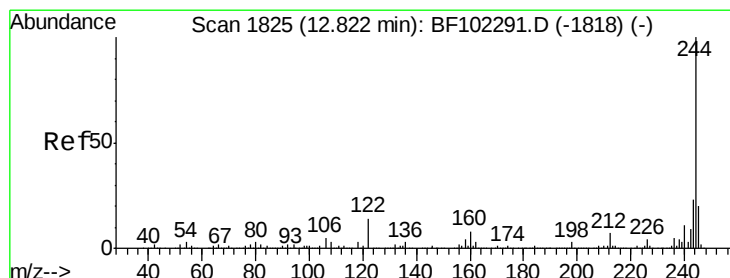
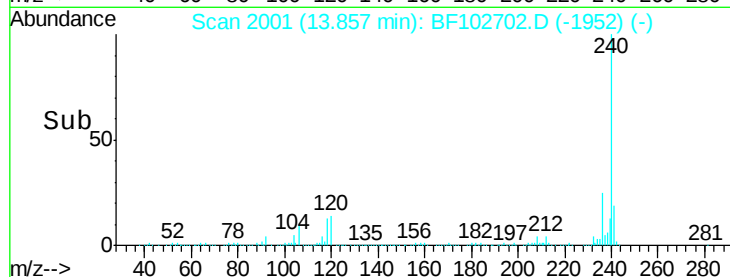
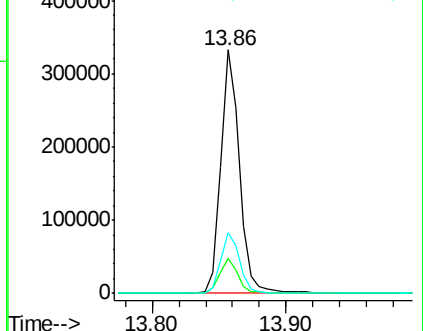
236 25.1 20.7 31.1



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: 48.791 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF102702.D

Acq: 2 Feb 2018 12:16

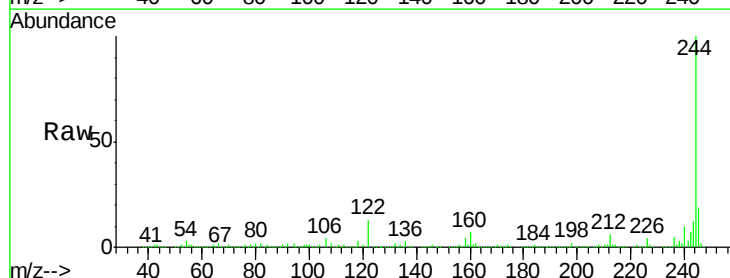
Tgt Ion:244 Resp: 711594

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

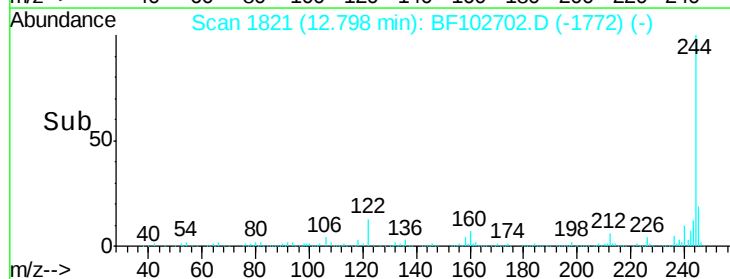
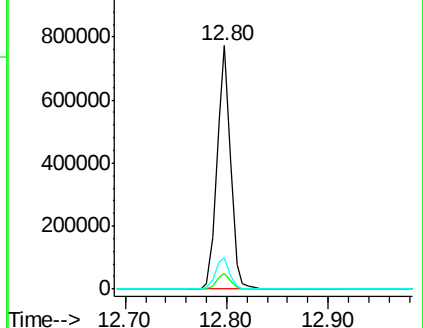
122 12.8 11.0 16.4

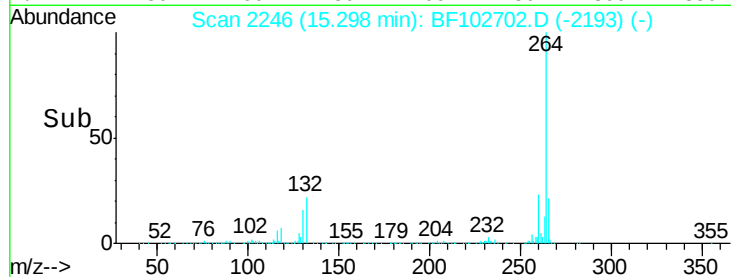
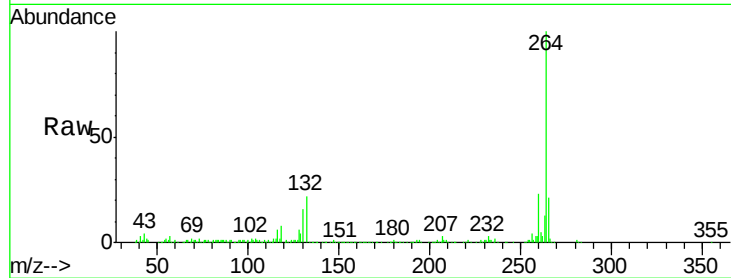
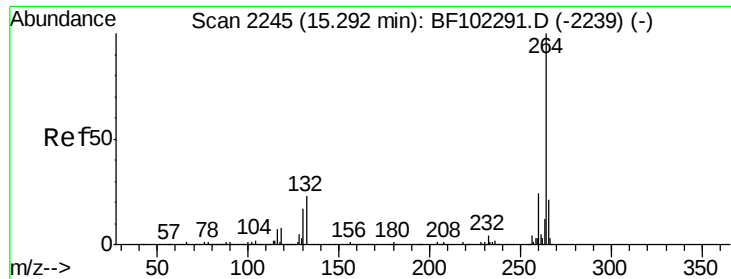


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF102702.D
Acq: 2 Feb 2018 12:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	20.9	17.5	26.3

