

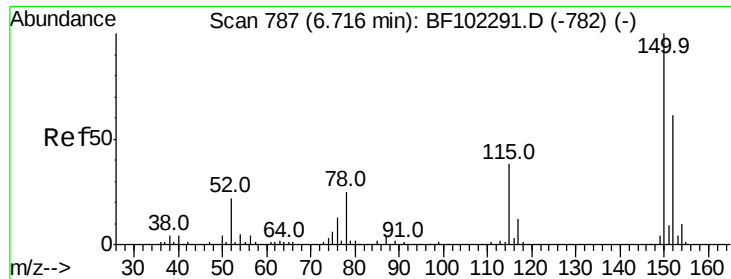
Data Path : U:\HPCHEM1\BNA F\DATA\BF013118\
 Data File : BF102679.D
 Acq On : 1 Feb 2018 2:23
 Operator : SJ/JU
 Sample : J1385-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 01 03:08:31 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	6.71	152	148198	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	560410	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	208265	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	306157	20.00	ng	0.00
75) Chrysene-d12	13.87	240	282791	20.00	ng	0.00
86) Perylene-d12	15.30	264	196691	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	994875	101.79	ng	0.02
7) Phenol-d6	6.37	99	1160969	98.53	ng	0.02
23) Nitrobenzene-d5	7.28	82	695362	71.31	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	165257	80.08	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1088619	76.86	ng	0.00
78) Terphenyl-d14	12.82	244	780371	62.21	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	20481	2.520	ng	82
10) Phenol	6.39	94	57227	4.449	ng	94
19) n-Nitroso-di-n-propylamine	7.28	70	92905	12.884	ng	# 79
25) Isophorone	7.28	82	695354	39.997	ng	# 64
49) Dimethylphthalate	9.46	163	178104	10.346	ng	100
56) 2,4-Dinitrotoluene	9.74	165	25919	5.679	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	11031	3.347	ng	# 1

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

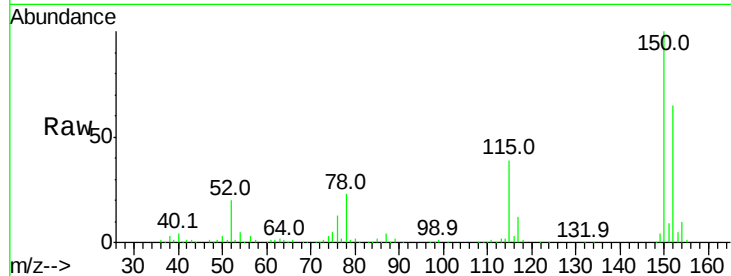


#1

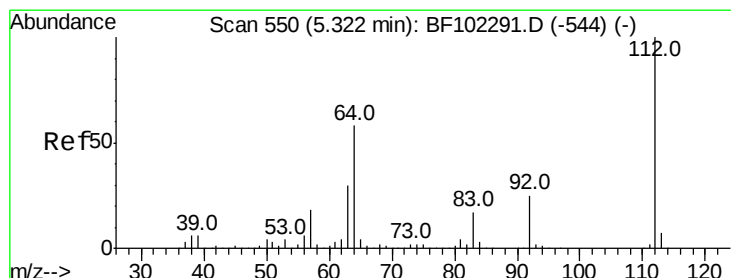
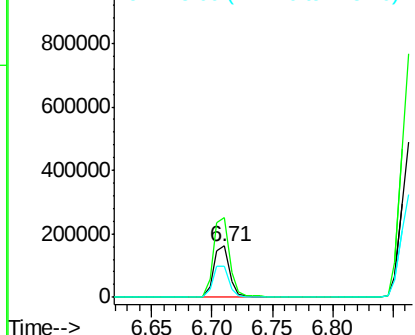
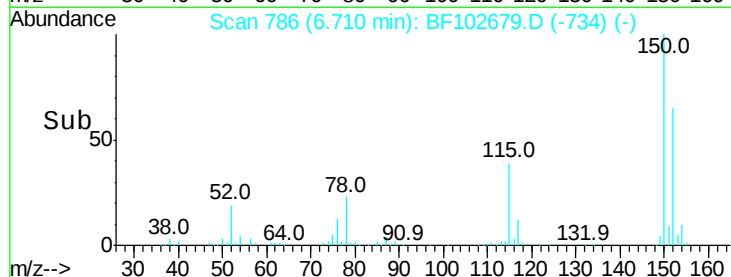
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.01 min
Lab File: BF102679.D
Acq: 1 Feb 2018 2:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 148198
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 60.3 50.1 75.1



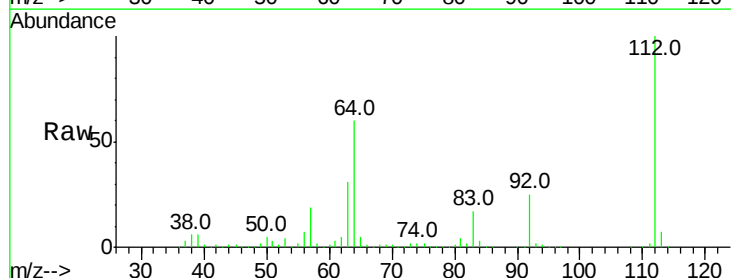
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



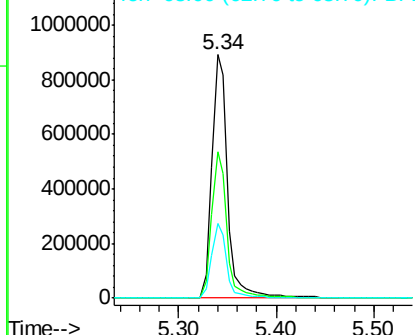
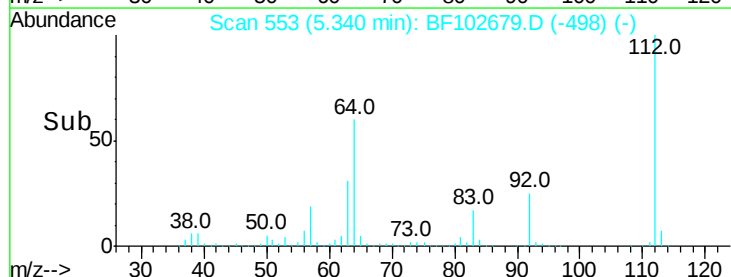
#5

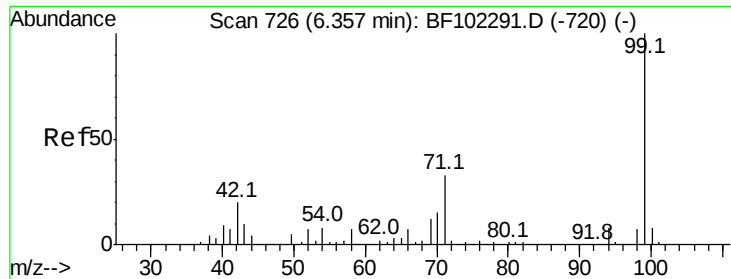
2-Fluorophenol
Concen: 101.789 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.02 min
Lab File: BF102679.D
Acq: 1 Feb 2018 2:23

Tgt Ion:112 Resp: 994875
Ion Ratio Lower Upper
112 100
64 59.9 47.9 71.9
63 30.9 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: 98.526 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.02 min

Lab File: BF102679.D

Acq: 1 Feb 2018 2:23

Instrument :

BNA_F

ClientSampled :

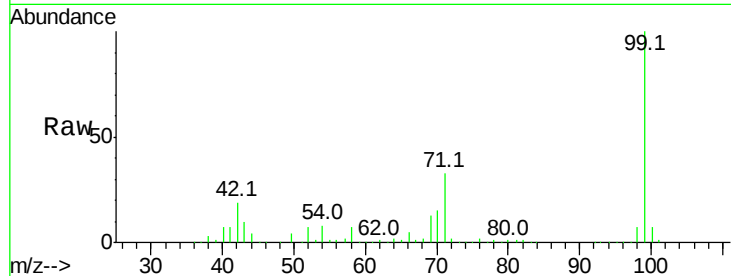
Tot Ion: 99 Resp: 1160969

Ion Ratio Lower Upper

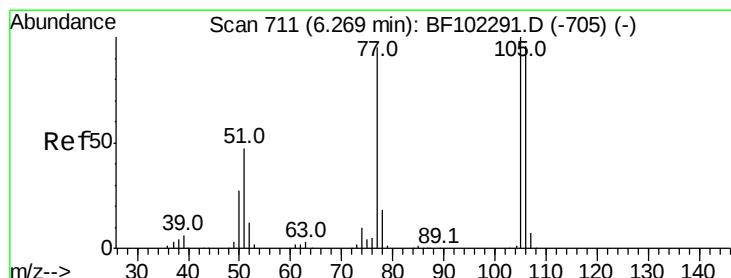
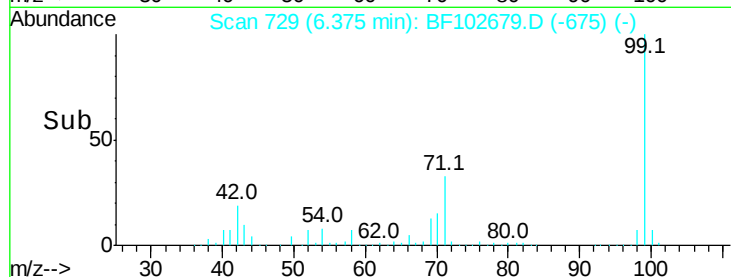
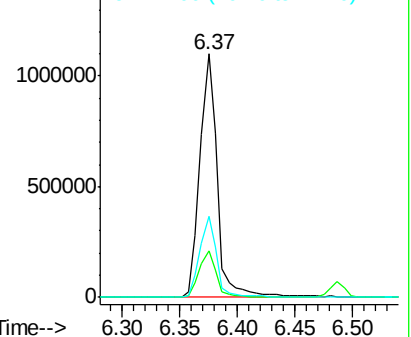
99 100

42 19.1 14.5 21.7

71 33.4 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: 2.520 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.23 min

Lab File: BF102679.D

Acq: 1 Feb 2018 2:23

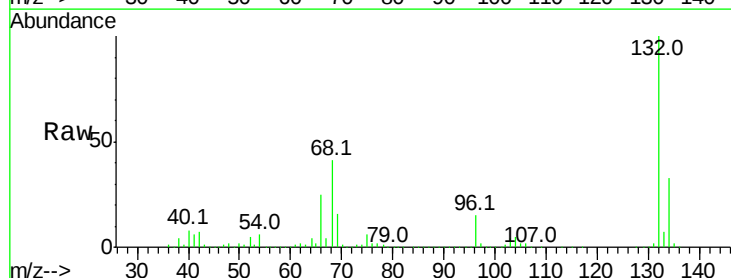
Tgt Ion: 77 Resp: 20481

Ion Ratio Lower Upper

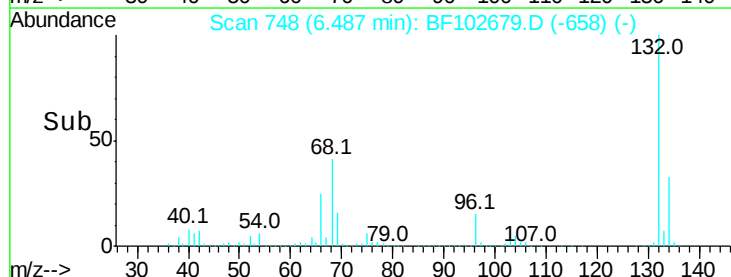
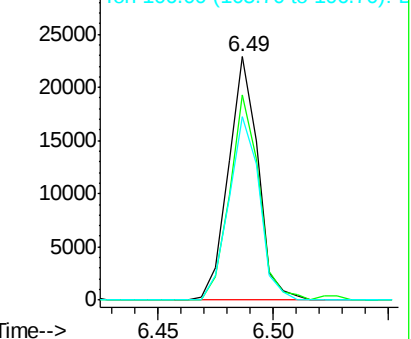
77 100

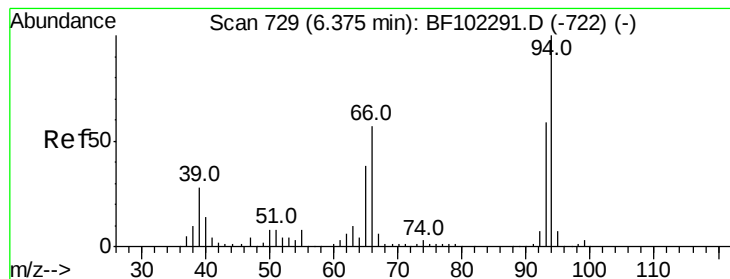
105 84.0 81.1 121.1

106 75.1 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: 4.449 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.02 min

Lab File: BF102679.D

Acq: 1 Feb 2018 2:23

Instrument :

BNA_F

ClientSampleId :

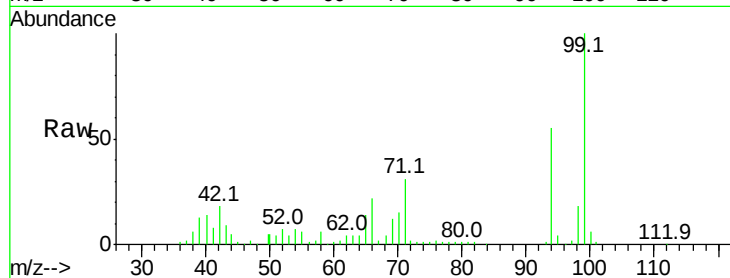
Tot Ion: 94 Resp: 57227

Ion Ratio Lower Upper

94 100

65 26.0 7.9 47.9

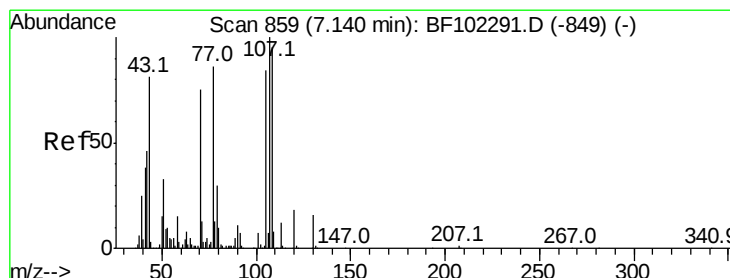
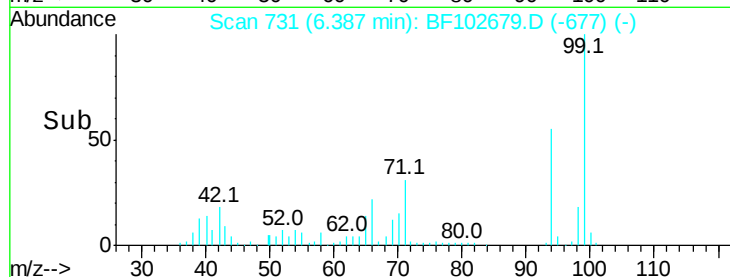
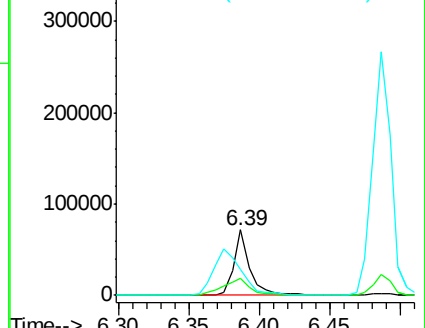
66 40.7 16.2 56.2



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: 12.884 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF102679.D

Acq: 1 Feb 2018 2:23

Tgt Ion: 70 Resp: 92905

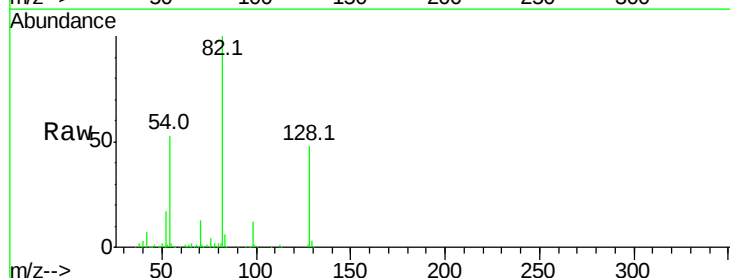
Ion Ratio Lower Upper

70 100

42 49.5 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

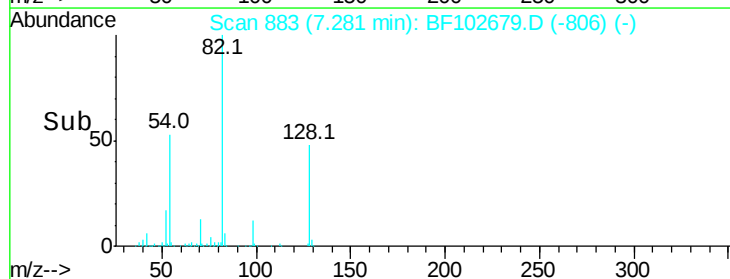
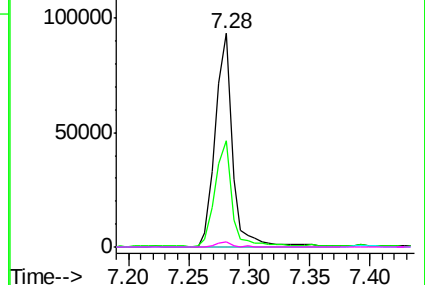


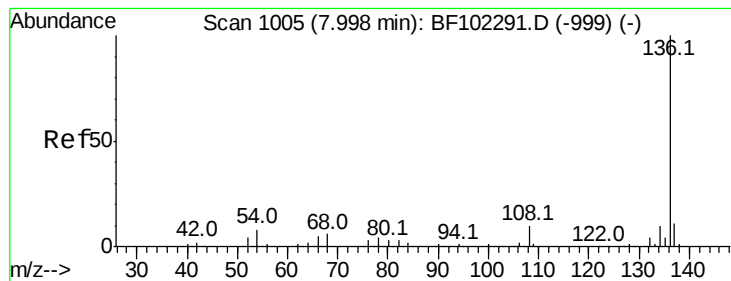
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF102679.D

Acq: 1 Feb 2018 2:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 560410

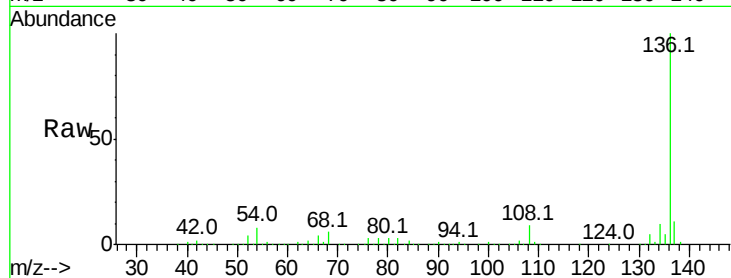
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.6 6.6 9.8

68 5.5 5.0 7.4

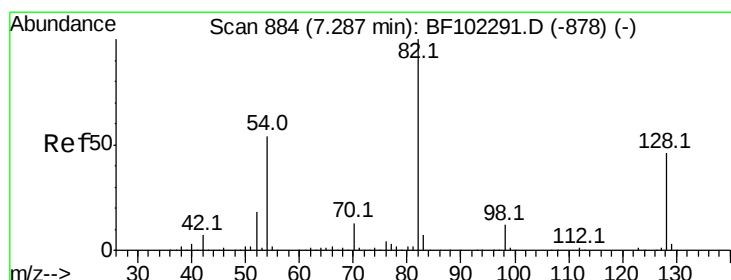
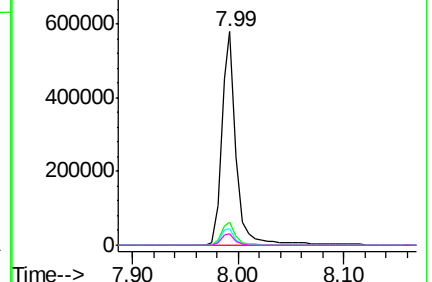
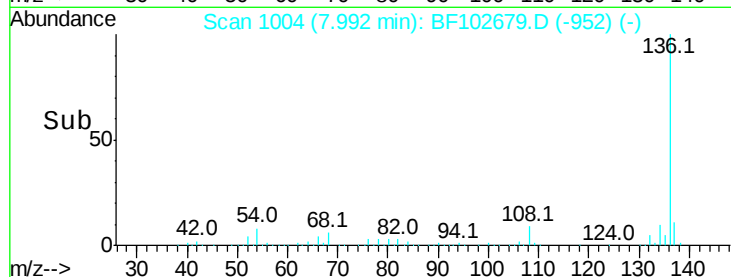


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.305 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF102679.D

Acq: 1 Feb 2018 2:23

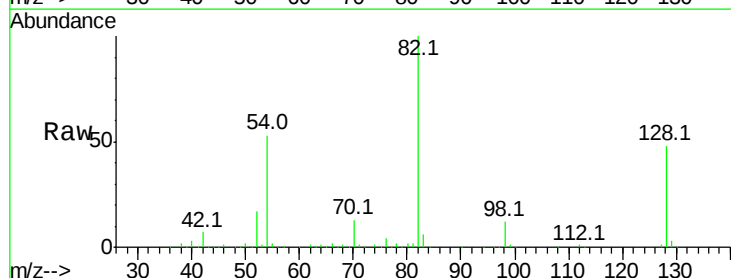
Tgt Ion: 82 Resp: 695362

Ion Ratio Lower Upper

82 100

128 47.8 36.1 54.1

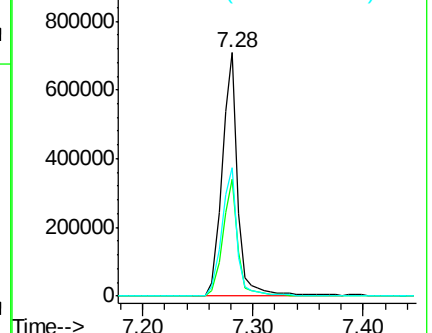
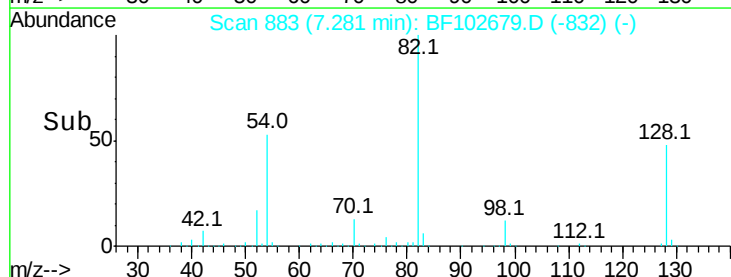
54 52.5 41.4 62.2

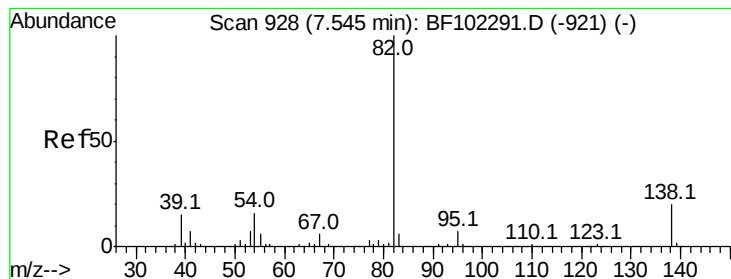


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 39.997 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.25 min

Lab File: BF102679.D

Acq: 1 Feb 2018 2:23

Instrument :

BNA_F

ClientSampled :

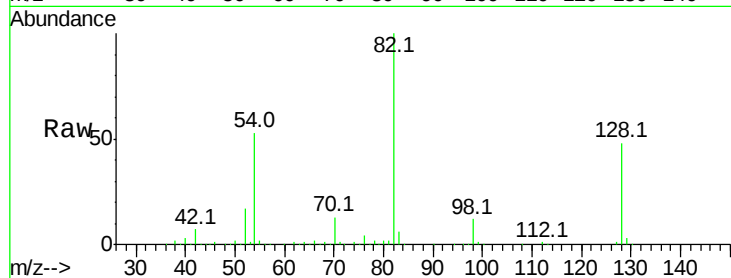
Tot Ion: 82 Resp: 695354

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

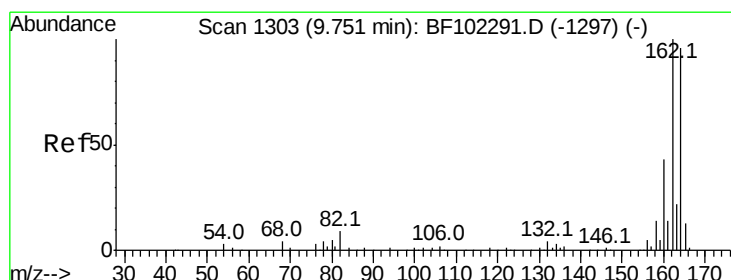
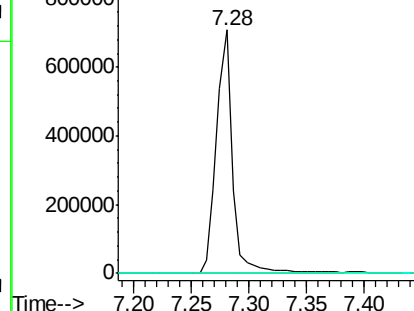
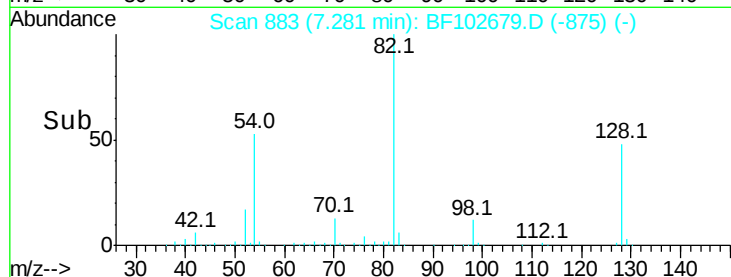
138 0.0 14.9 22.3#



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: BF102679.D

Acq: 1 Feb 2018 2:23

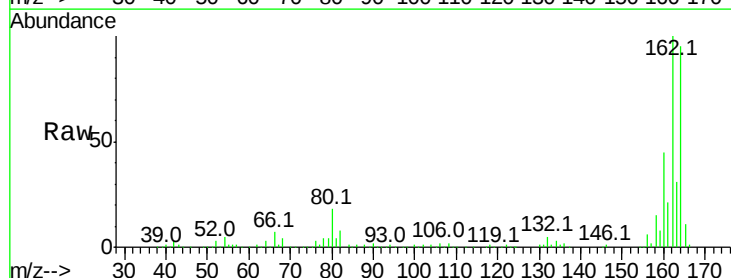
Tgt Ion:164 Resp: 208265

Ion Ratio Lower Upper

164 100

162 104.9 86.1 129.1

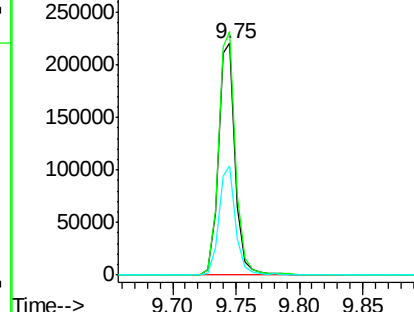
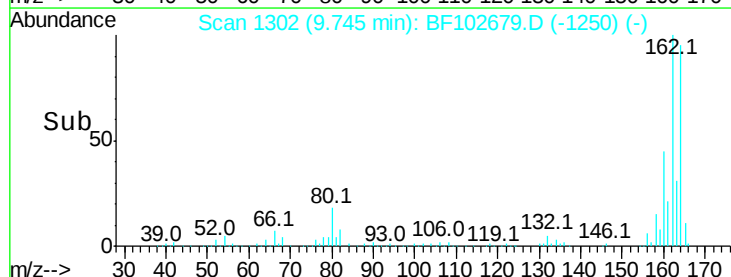
160 47.2 38.3 57.5

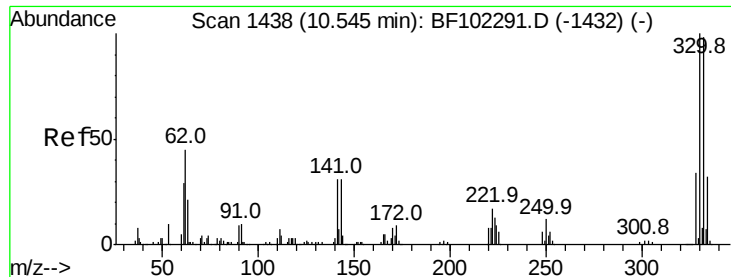


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

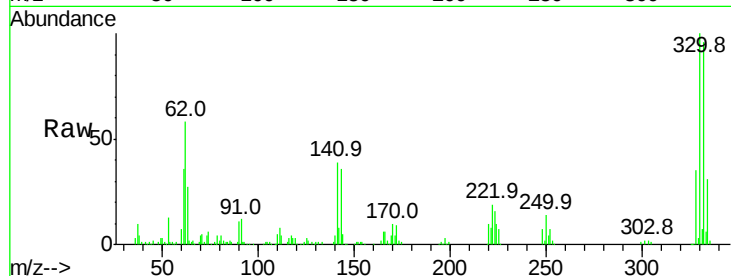




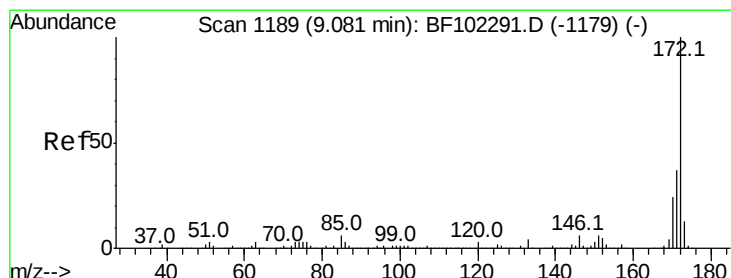
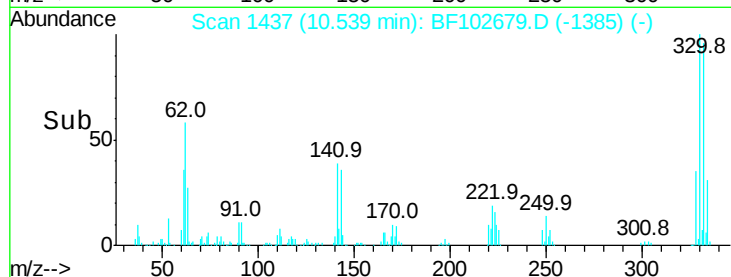
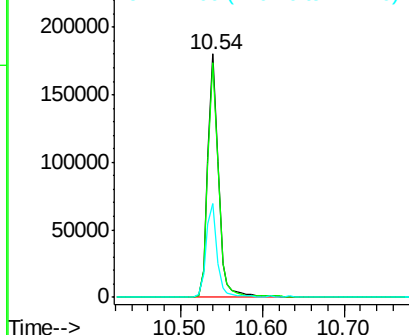
#41
 2,4,6-Tribromophenol
 Concen: 80.082 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. 0.01 min
 Lab File: BF102679.D
 Acq: 1 Feb 2018 2:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 165257
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 39.5 29.9 44.9

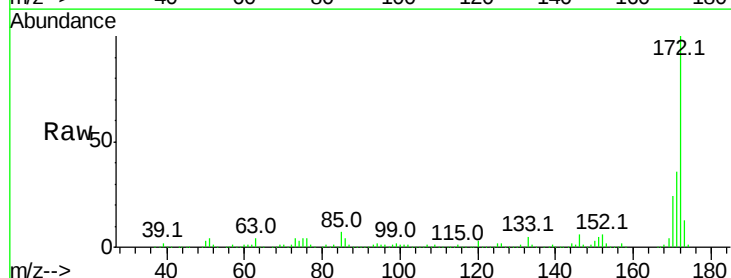


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

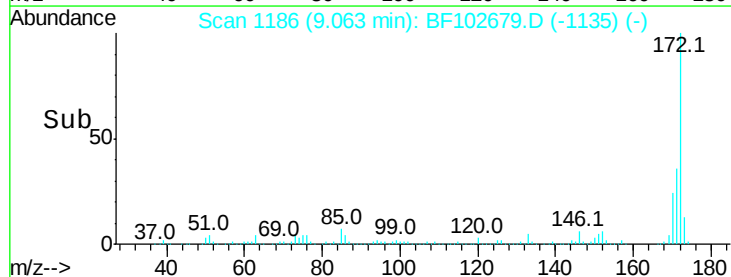
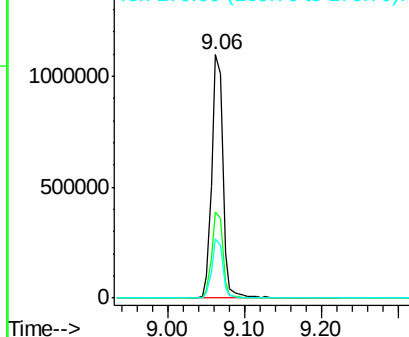


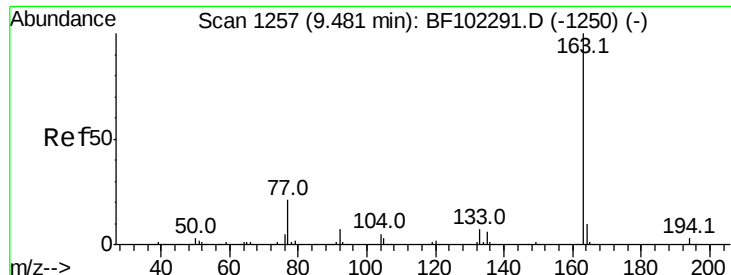
#44
 2-Fluorobiphenyl
 Concen: 76.857 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF102679.D
 Acq: 1 Feb 2018 2:23

Tgt Ion:172 Resp: 1088619
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 24.1 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

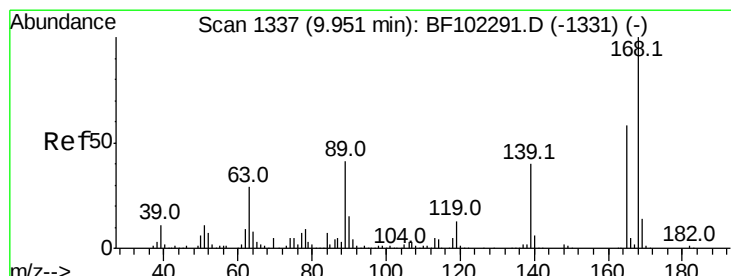
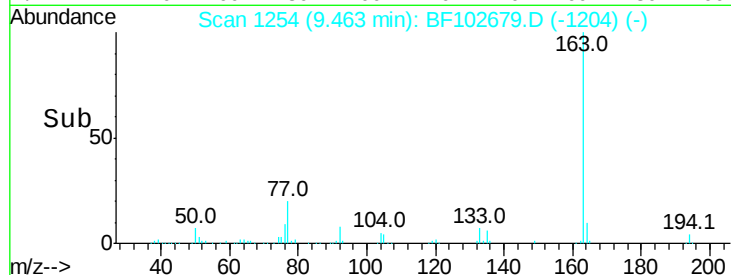
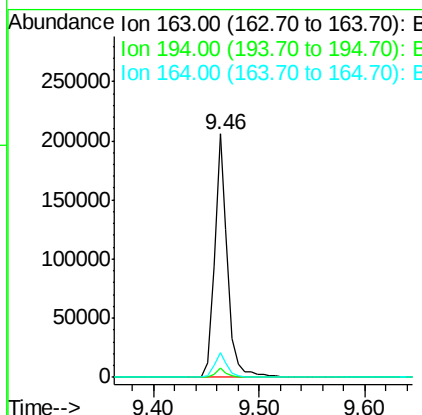
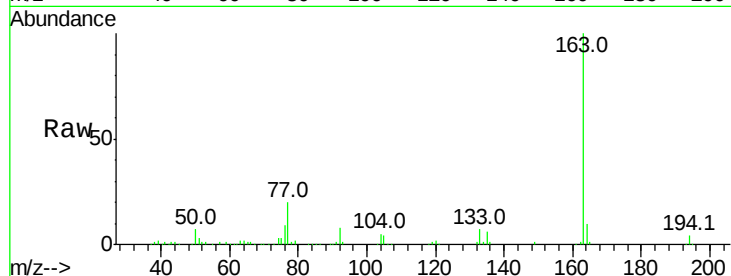




#49
Dimethylphthalate
Concen: 10.346 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF102679.D
Acq: 1 Feb 2018 2:23

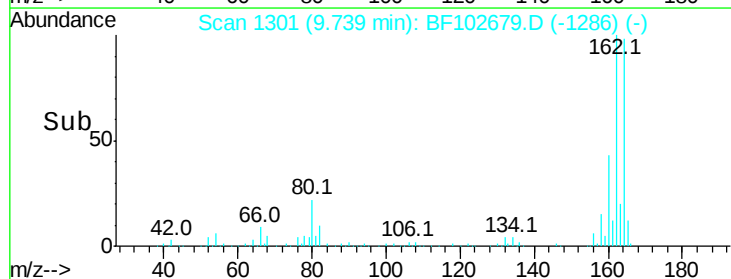
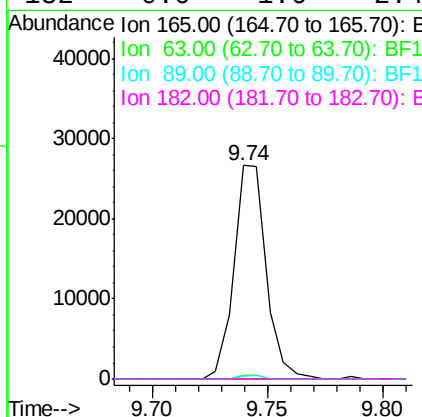
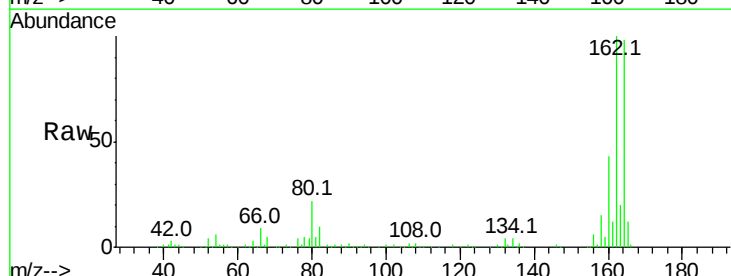
Instrument :
BNA_F
ClientSampled :

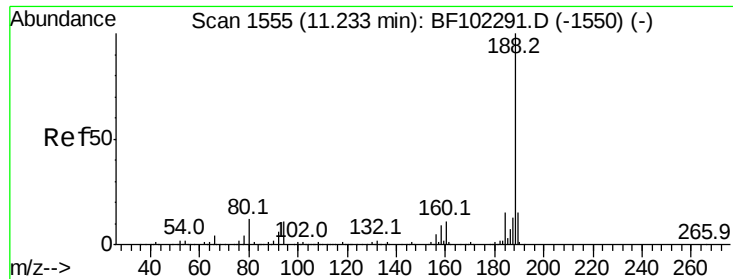
Tot Ion:163 Resp: 178104
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.1 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 5.679 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.21 min
Lab File: BF102679.D
Acq: 1 Feb 2018 2:23

Tgt Ion:165 Resp: 25919
Ion Ratio Lower Upper
165 100
63 1.7 36.4 54.6#
89 1.4 57.8 86.6#
182 0.0 1.6 2.4#

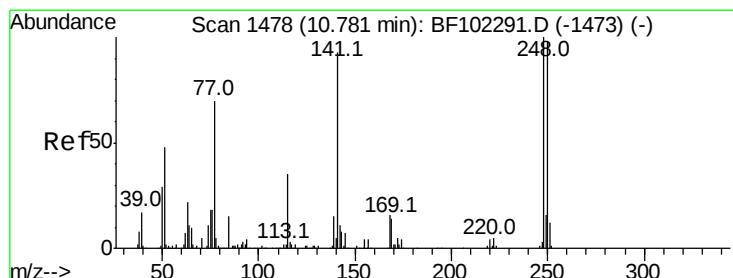
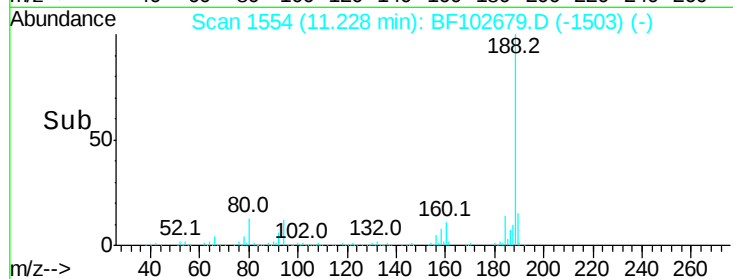
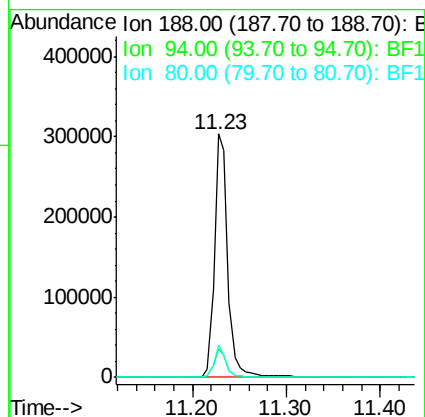
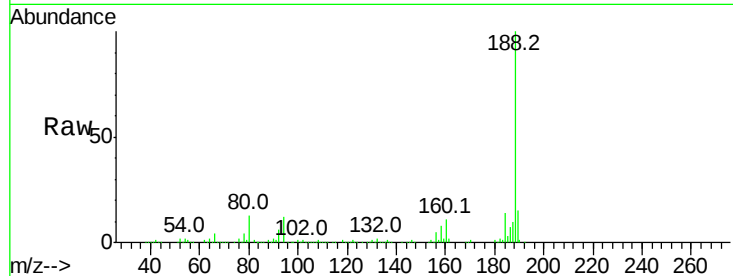




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.00 min
Lab File: BF102679.D
Acq: 1 Feb 2018 2:23

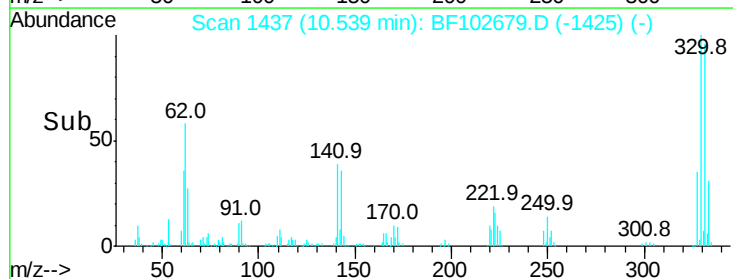
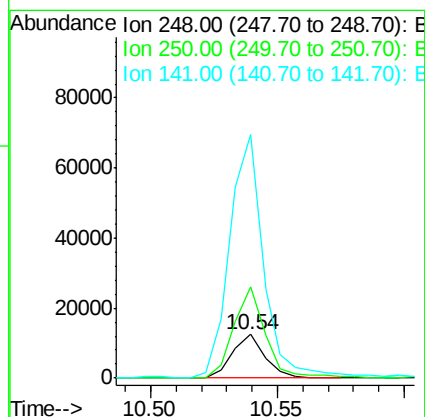
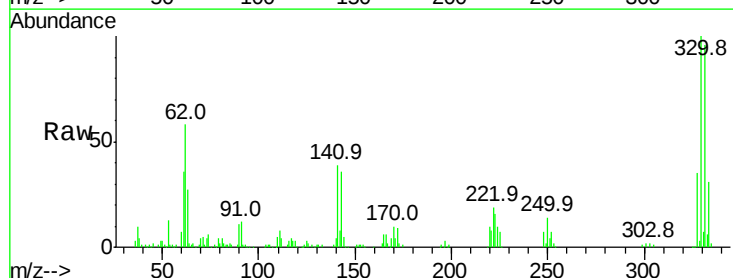
Instrument :
BNA_F
ClientSampleId :

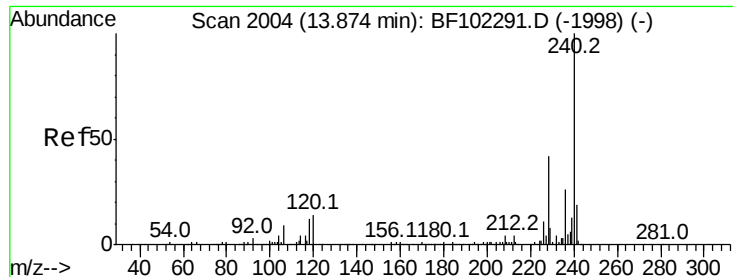
Tot Ion:188 Resp: 306157
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 13.1 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.347 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.23 min
Lab File: BF102679.D
Acq: 1 Feb 2018 2:23

Tgt Ion:248 Resp: 11031
Ion Ratio Lower Upper
248 100
250 210.1 76.9 115.3#
141 561.1 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BF102679.D

Acq: 1 Feb 2018 2:23

Instrument :

BNA_F

ClientSampleId :

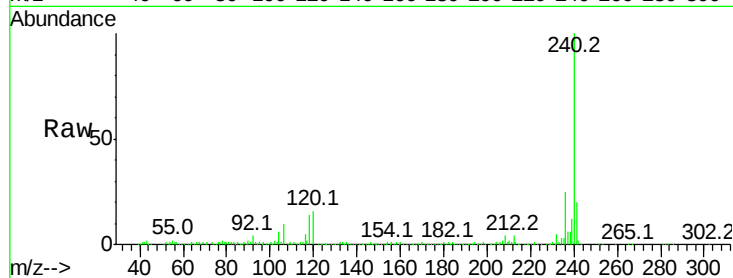
Tot Ion:240 Resp: 282791

Ion Ratio Lower Upper

240 100

120 15.8 9.5 14.3#

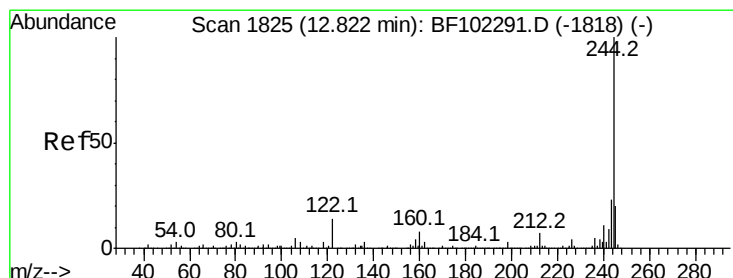
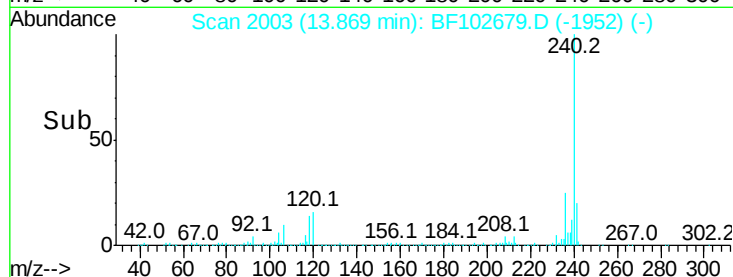
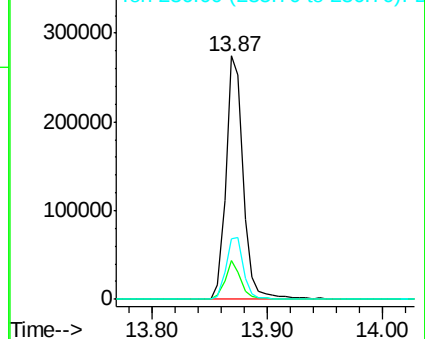
236 24.7 20.7 31.1



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: 62.210 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.01 min

Lab File: BF102679.D

Acq: 1 Feb 2018 2:23

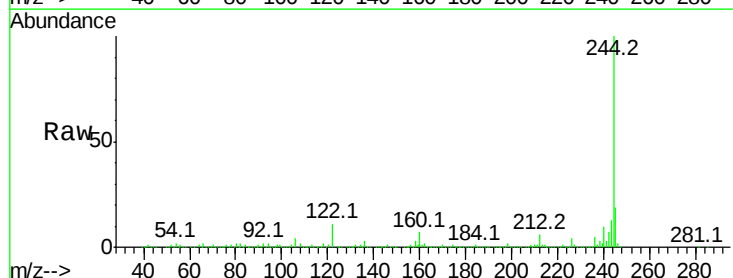
Tgt Ion:244 Resp: 780371

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

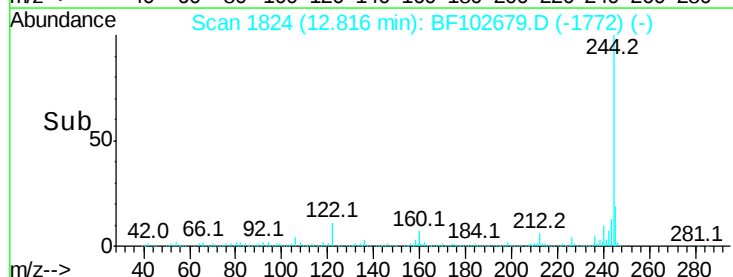
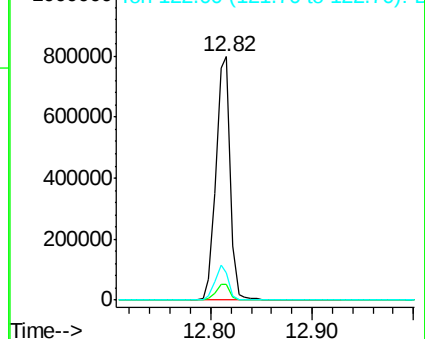
122 11.4 11.0 16.4

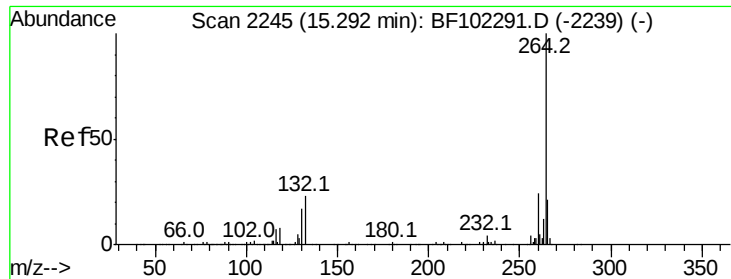


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

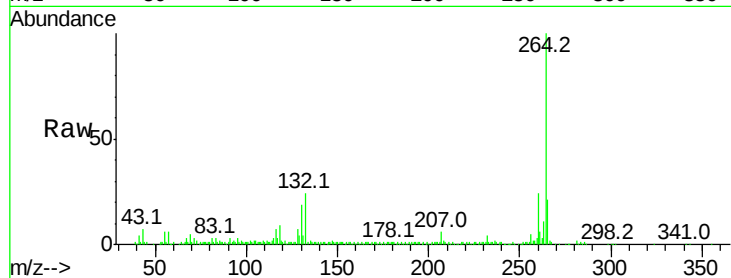




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BF102679.D
Acq: 1 Feb 2018 2:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.6	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

