

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
 Data File : BF106891.D
 Acq On : 28 Jun 2018 00:43
 Operator : JU/SJ
 Sample : J3702-01 DL 2X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 28 06:04:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

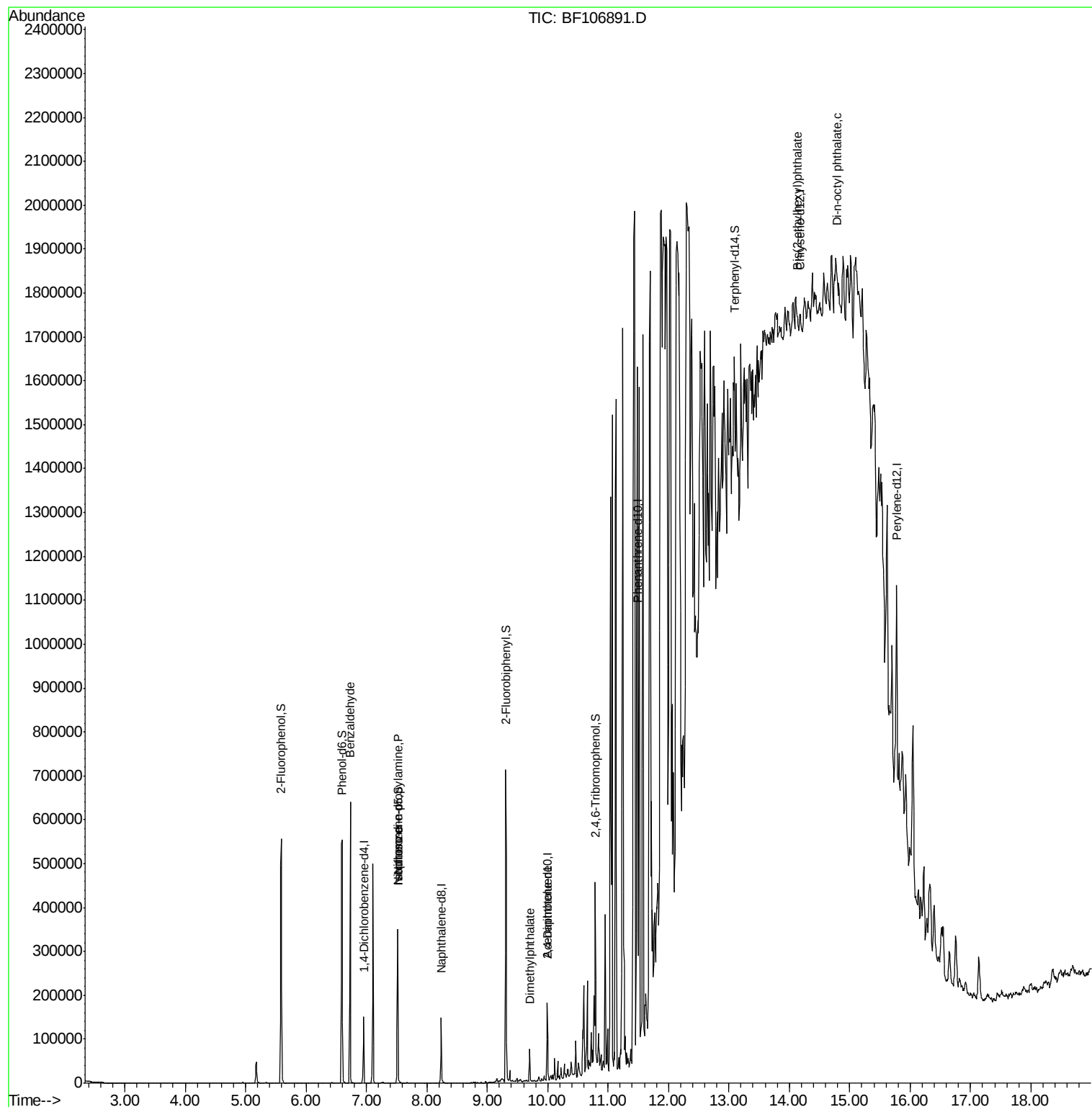
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	19756	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	69510	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	31216	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	53557	20.00	ng	0.00
75) Chrysene-d12	14.18	240	9842	20.00	ng	0.01
86) Perylene-d12	15.78	264	33452	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	162257	139.07	ng	-0.01
7) Phenol-d6	6.60	99	203598	139.74	ng	-0.02
23) Nitrobenzene-d5	7.52	82	117206	93.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	51933	143.54	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	220848	127.05	ng	-0.02
78) Terphenyl-d14	13.09	244	173562	427.17	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	3417	2.776	ng	90
19) n-Nitroso-di-n-propylamine	7.52	70	14833	15.445	ng	# 75
25) Isophorone	7.52	82	117223	53.185	ng	# 64
49) Dimethylphthalate	9.70	163	24158	10.318	ng	# 98
56) 2,4-Dinitrotoluene	10.00	165	3976	6.144	ng	# 21
83) Bis(2-ethylhexyl)phthalate	14.14	149	34615	101.466	ng	# 93
84) Di-n-octyl phthalate	14.79	149	1630	2.931	ng	# 1

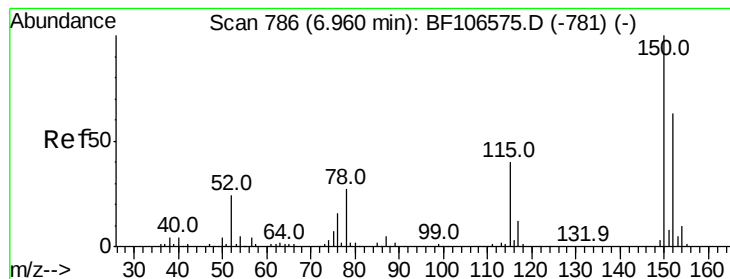
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
Data File : BF106891.D
Acq On : 28 Jun 2018 00:43
Operator : JU/SJ
Sample : J3702-01 DL 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 28 06:04:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 25 18:50:17 2018
Response via : Initial Calibration



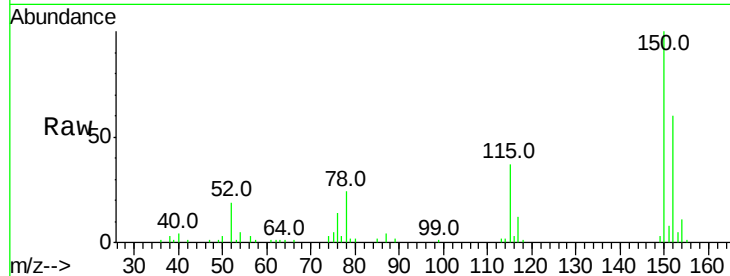


#1

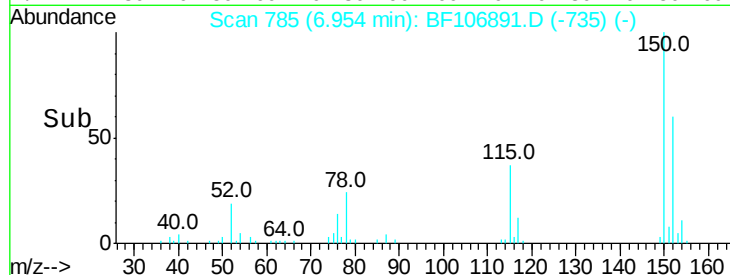
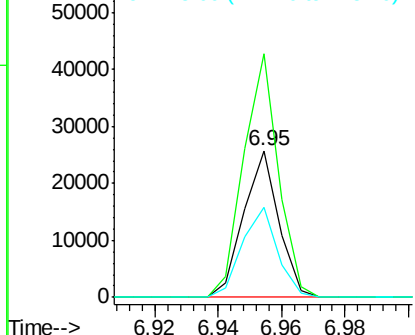
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106891.D
Acq: 28 Jun 2018 00:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 19756
Ion Ratio Lower Upper
152 100
150 166.4 124.6 186.8
115 61.2 50.1 75.1



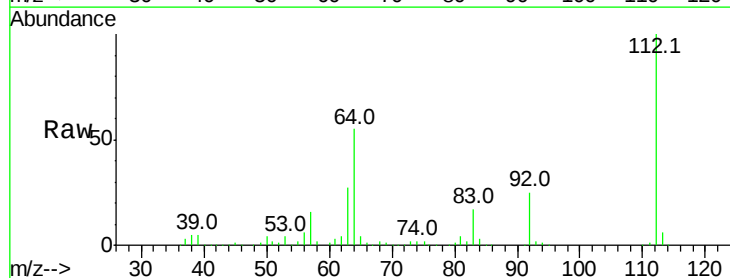
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



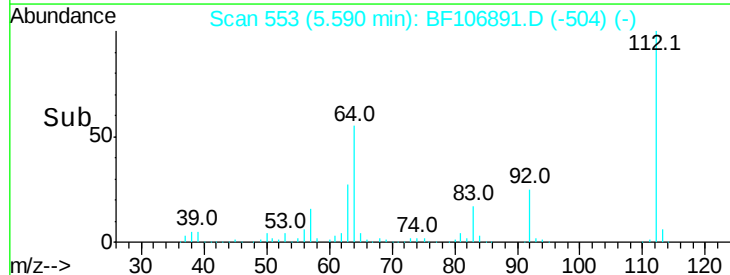
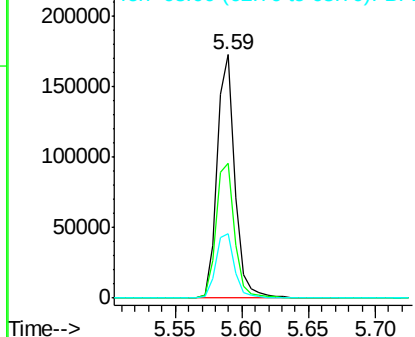
#5

2-Fluorophenol
Concen: 139.073 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF106891.D
Acq: 28 Jun 2018 00:43

Tgt Ion:112 Resp: 162257
Ion Ratio Lower Upper
112 100
64 55.4 47.9 71.9
63 26.6 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: 139.739 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106891.D

Acq: 28 Jun 2018 00:43

Instrument :

BNA_F

ClientSampled :

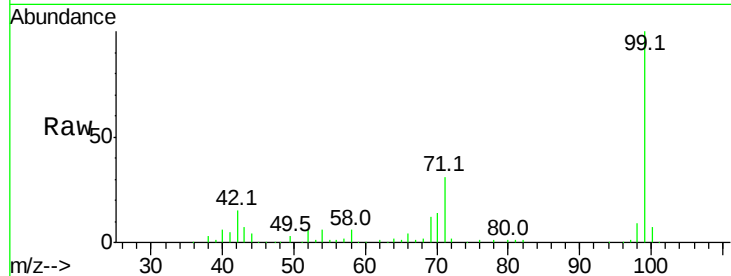
Tot Ion: 99 Resp: 203598

Ion Ratio Lower Upper

99 100

42 14.5 14.5 21.7

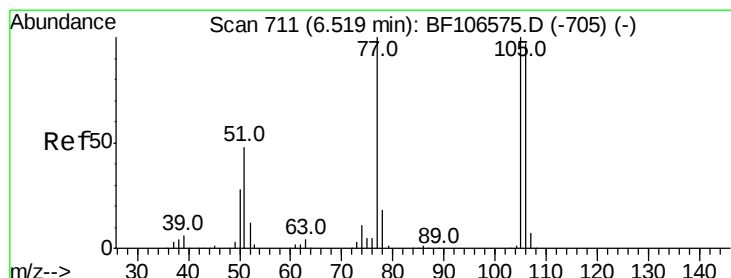
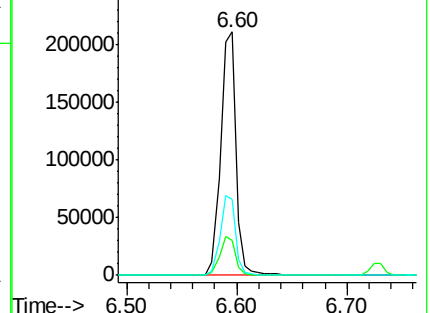
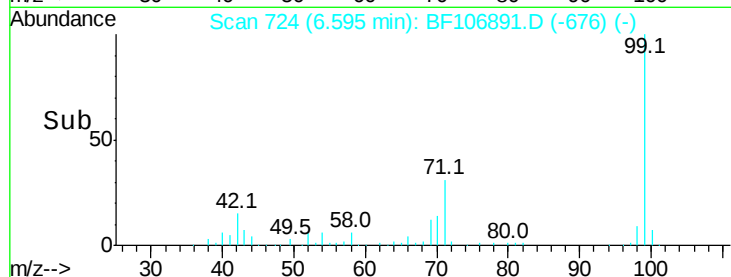
71 31.4 25.4 38.0



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: 2.776 ng

RT: 6.73 min Scan# 747

Delta R.T. 0.21 min

Lab File: BF106891.D

Acq: 28 Jun 2018 00:43

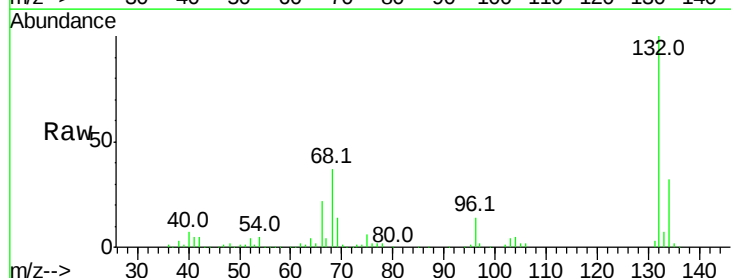
Tgt Ion: 77 Resp: 3417

Ion Ratio Lower Upper

77 100

105 87.6 81.1 121.1

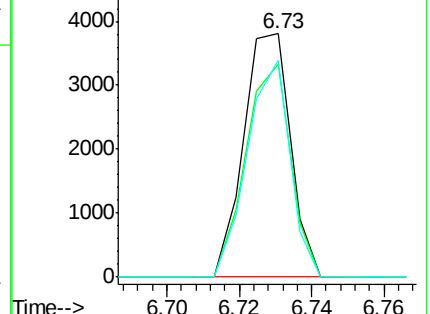
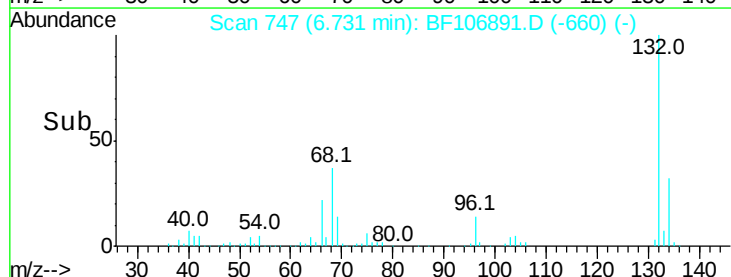
106 89.0 74.5 114.5

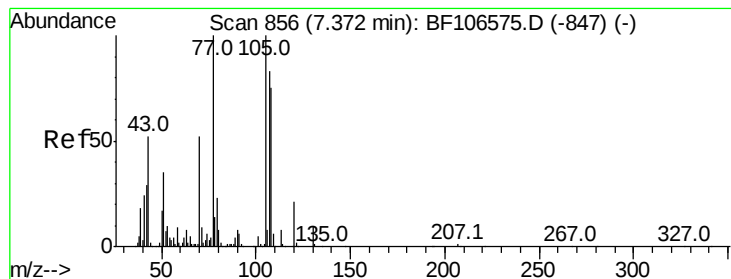


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 15.445 ng

RT: 7.52 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF106891.D

Acq: 28 Jun 2018 00:43

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 14833

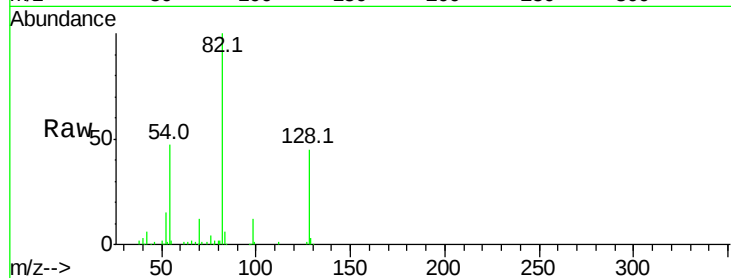
Ion Ratio Lower Upper

70 100

42 44.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

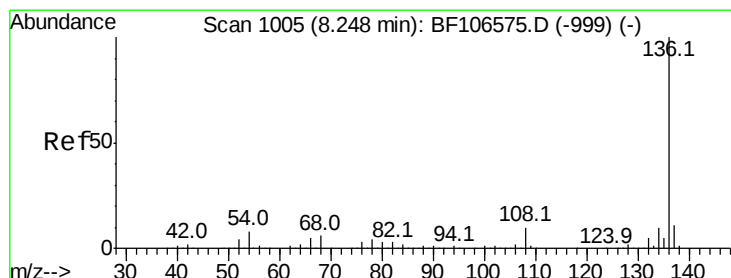
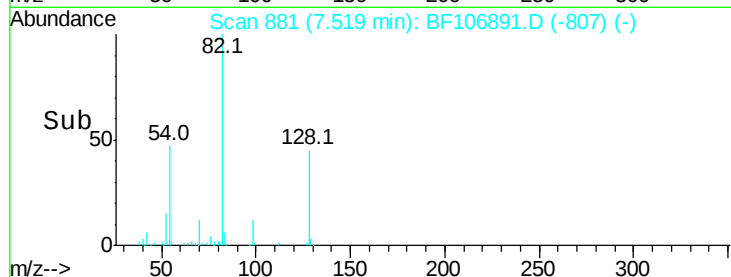
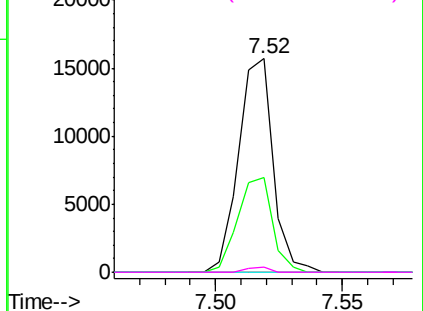


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF106891.D

Acq: 28 Jun 2018 00:43

Tgt Ion: 136 Resp: 69510

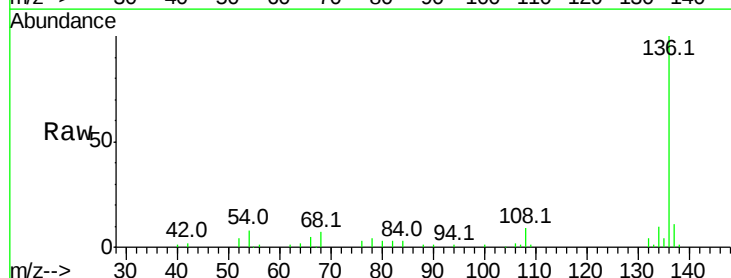
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.0 6.6 9.8

68 6.6 5.0 7.4

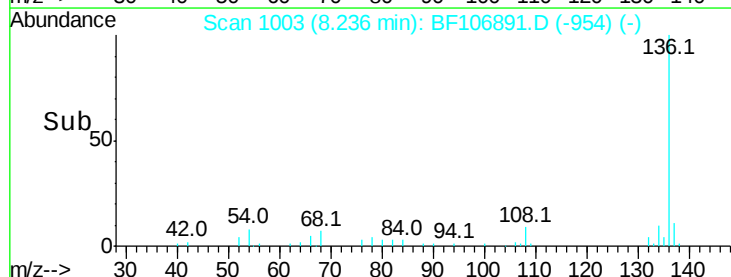
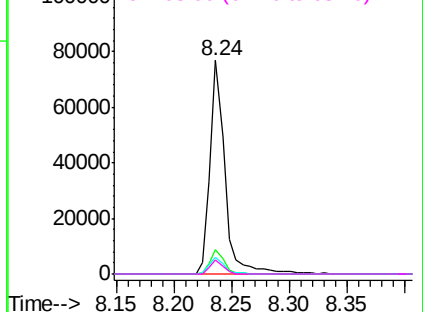


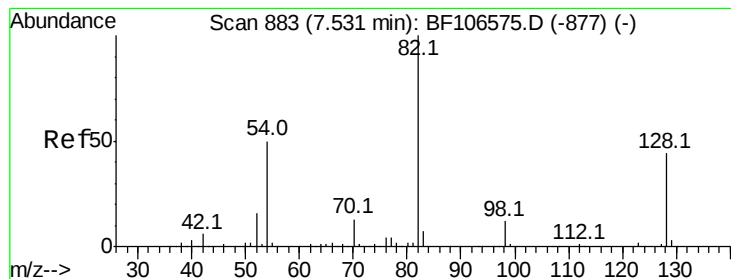
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 93.707 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF106891.D

Acq: 28 Jun 2018 00:43

Instrument :

BNA_F

ClientSampleId :

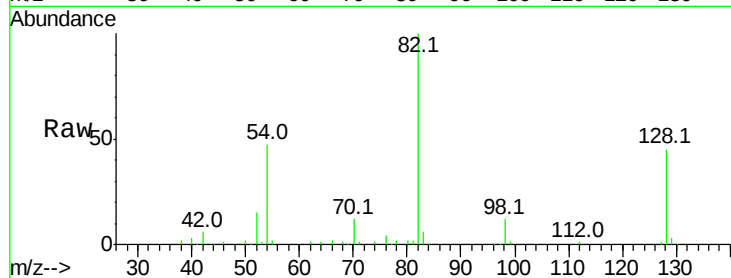
Tot Ion: 82 Resp: 117206

Ion Ratio Lower Upper

82 100

128 45.5 36.1 54.1

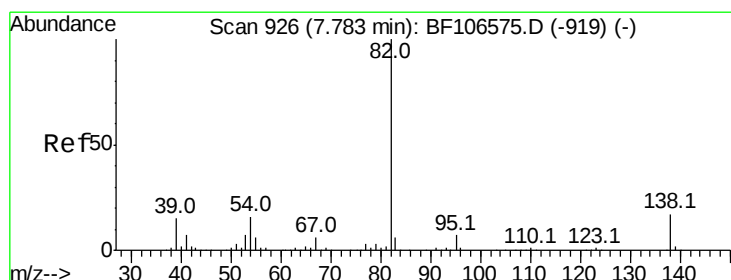
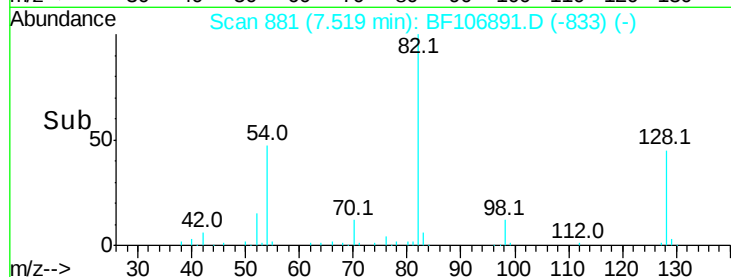
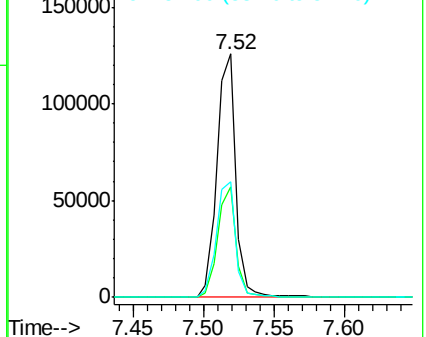
54 47.3 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 53.185 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.27 min

Lab File: BF106891.D

Acq: 28 Jun 2018 00:43

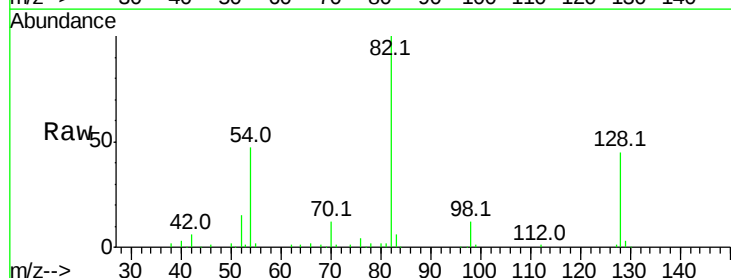
Tgt Ion: 82 Resp: 117223

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

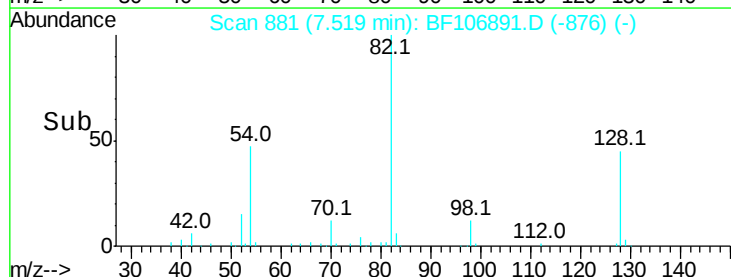
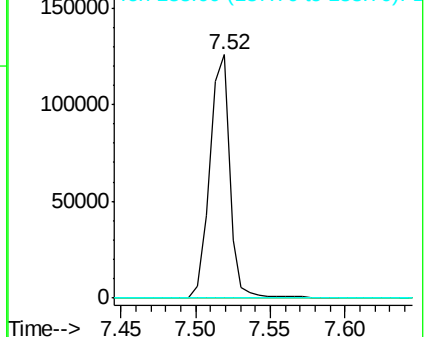
138 0.0 14.9 22.3#

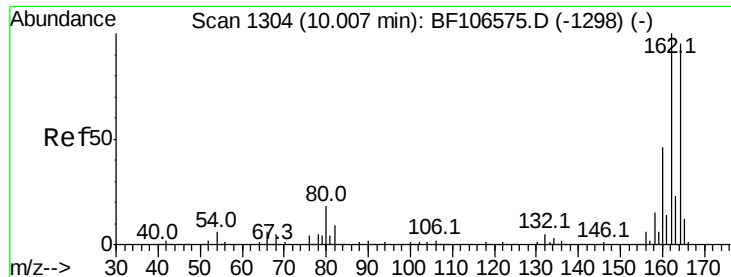


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 10.00 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF106891.D

Acq: 28 Jun 2018 00:43

Instrument :

BNA_F

ClientSampled :

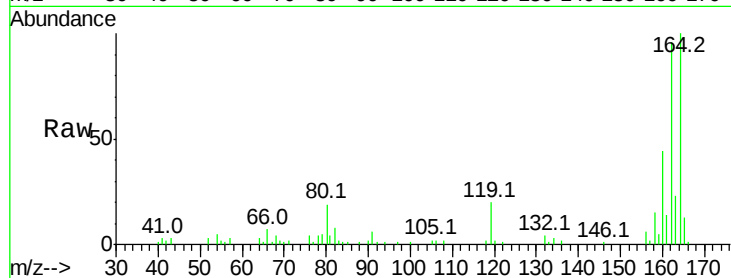
Tot Ion:164 Resp: 31216

Ion Ratio Lower Upper

164 100

162 95.6 86.1 129.1

160 43.8 38.3 57.5



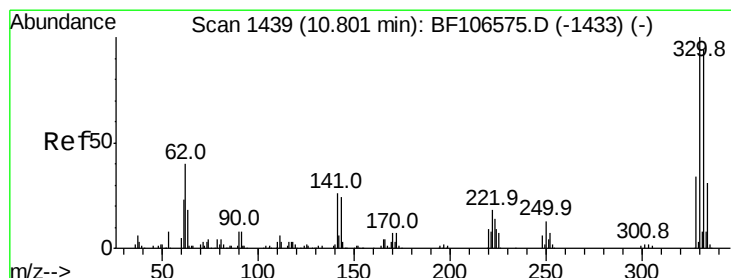
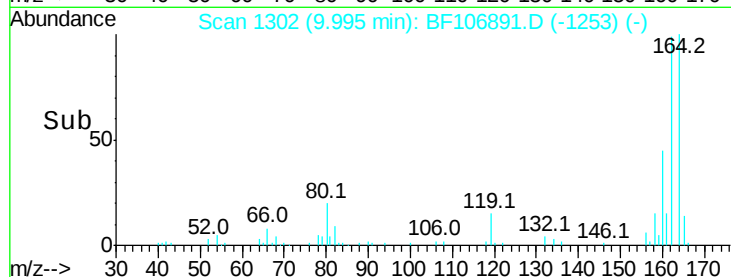
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

10.00

Time-->



#41

2,4,6-Tribromophenol

Concen: 143.540 ng

RT: 10.79 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF106891.D

Acq: 28 Jun 2018 00:43

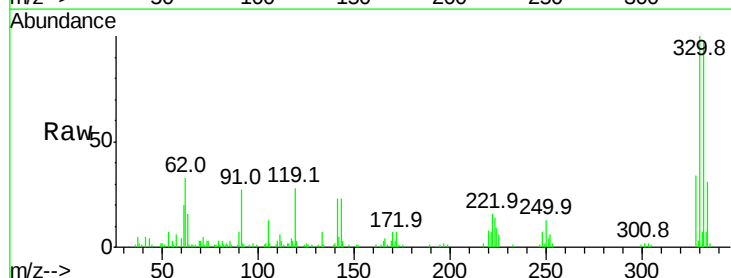
Tgt Ion:330 Resp: 51933

Ion Ratio Lower Upper

330 100

332 98.0 77.0 115.6

141 24.2 29.9 44.9#



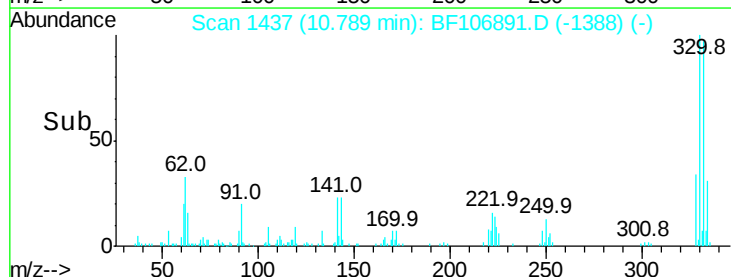
Abundance Ion 329.80 (329.50 to 330.50): E

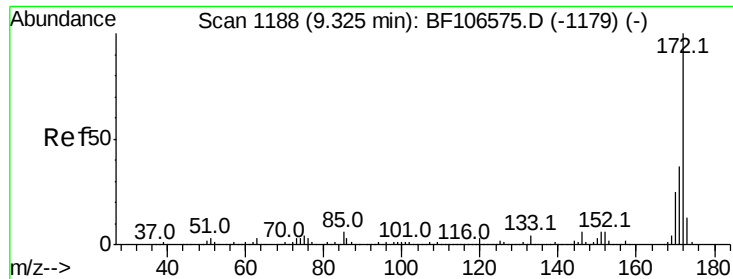
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

10.79

Time-->

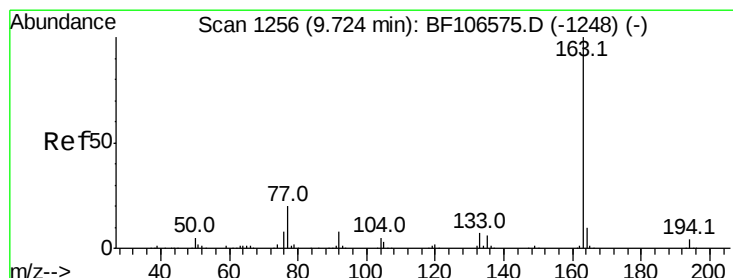
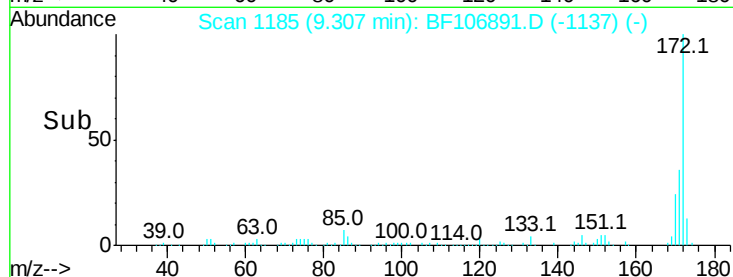
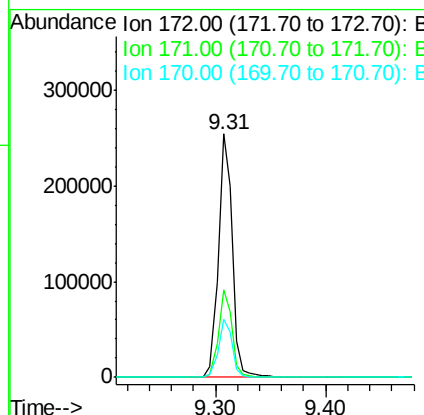
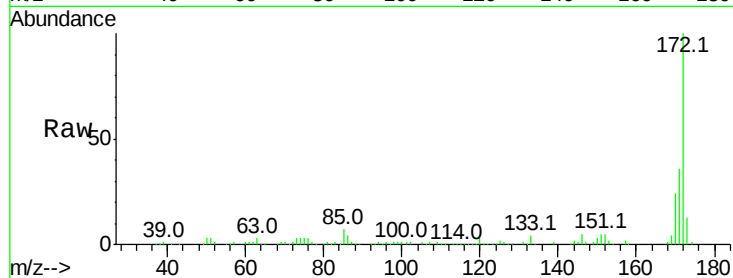




#44
 2-Fluorobiphenyl
 Concen: 127.047 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106891.D
 Acq: 28 Jun 2018 00:43

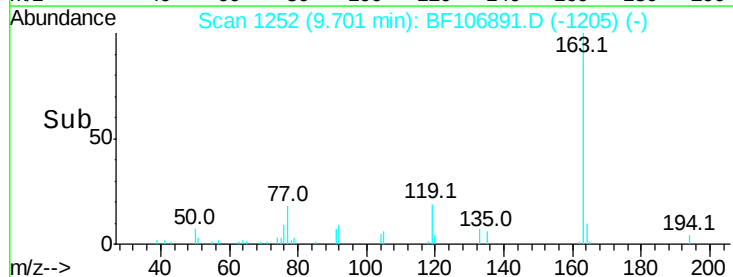
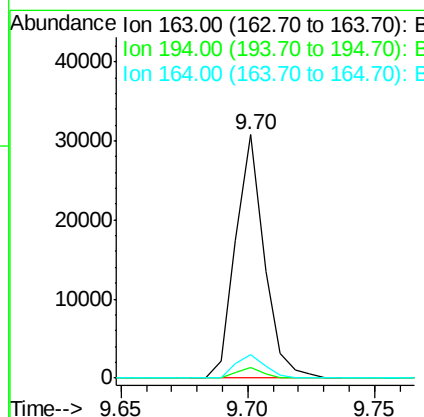
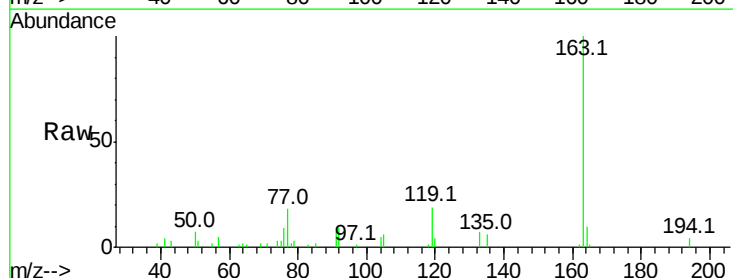
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.9	19.6	29.4



#49
 Dimethylphthalate
 Concen: 10.318 ng
 RT: 9.70 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF106891.D
 Acq: 28 Jun 2018 00:43

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	9.7	8.2	12.2

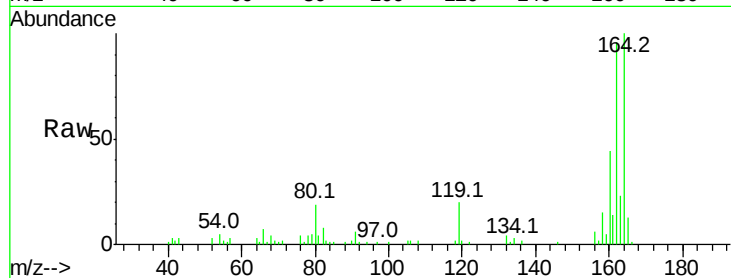




#56
2,4-Dinitrotoluene
Concen: 6.144 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF106891.D
Acq: 28 Jun 2018 00:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

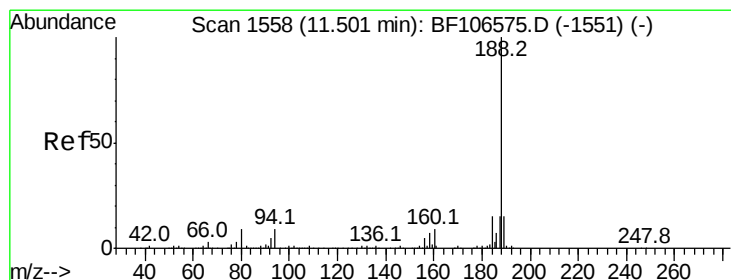
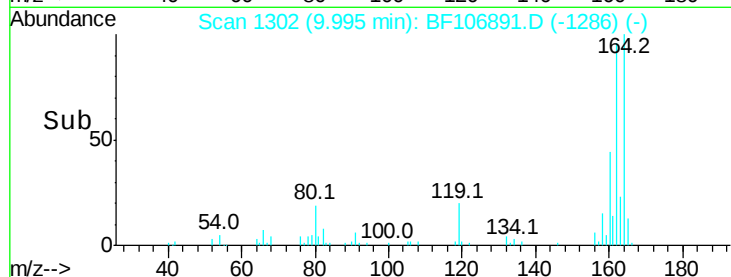
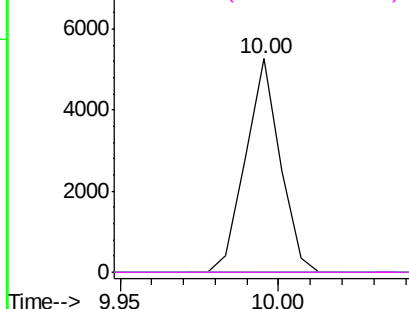


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

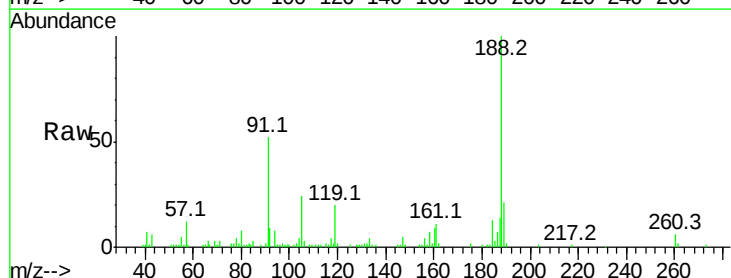
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106891.D
Acq: 28 Jun 2018 00:43

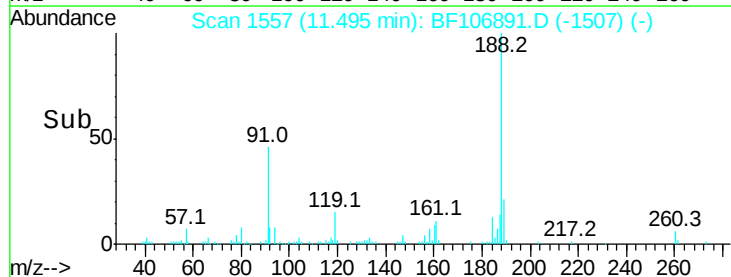
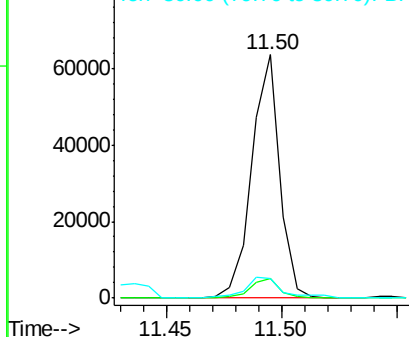
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	8.2	9.2	13.8#

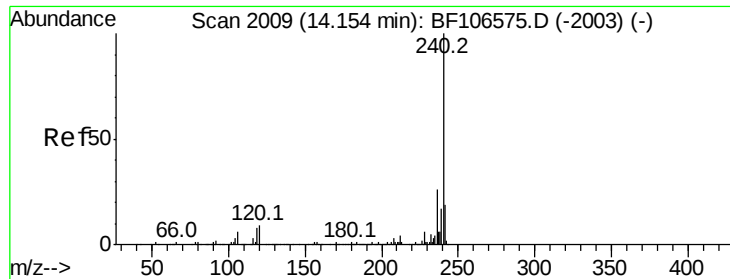


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.18 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BF106891.D

Acq: 28 Jun 2018 00:43

Instrument :

BNA_F

ClientSampled :

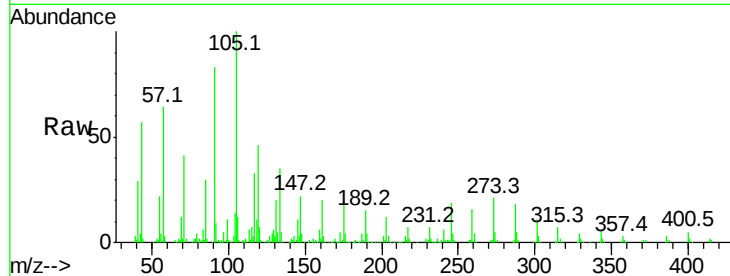
Tot Ion:240 Resp: 9842

Ion Ratio Lower Upper

240 100

120 103.7 9.5 14.3#

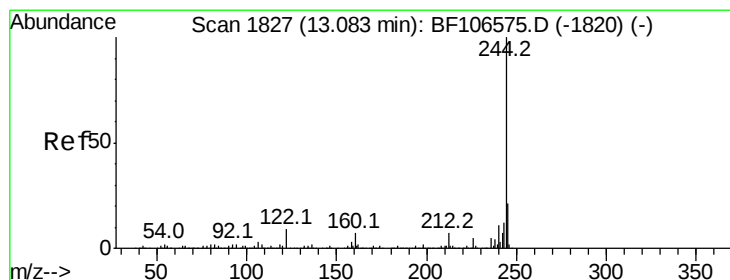
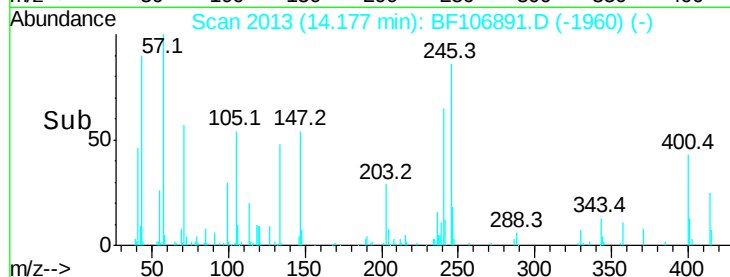
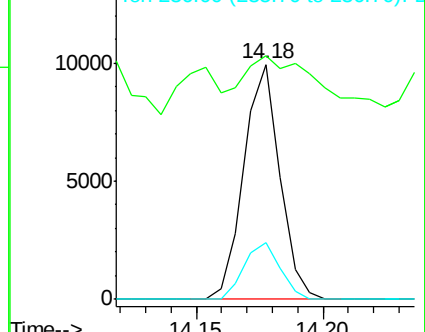
236 24.2 20.7 31.1



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: 427.168 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF106891.D

Acq: 28 Jun 2018 00:43

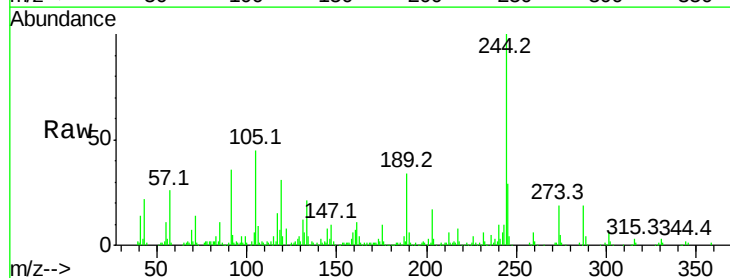
Tgt Ion:244 Resp: 173562

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

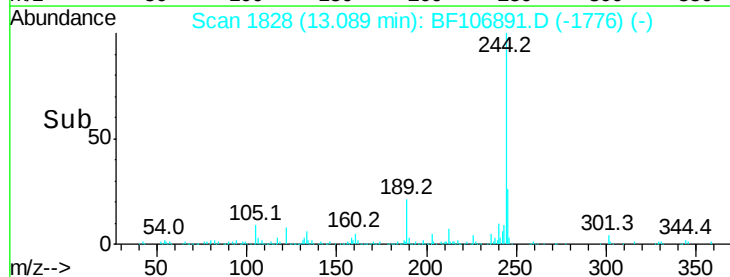
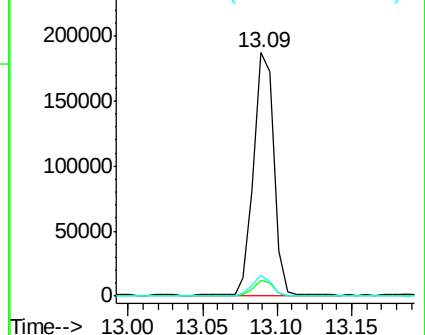
122 8.4 11.0 16.4#

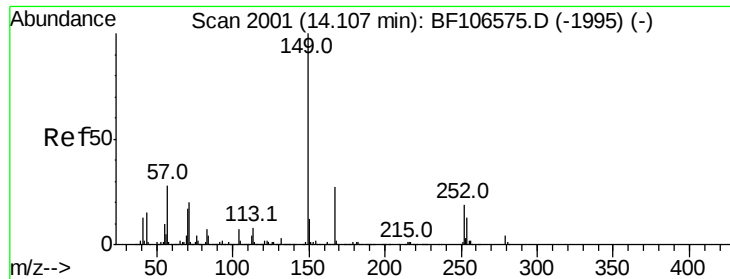


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

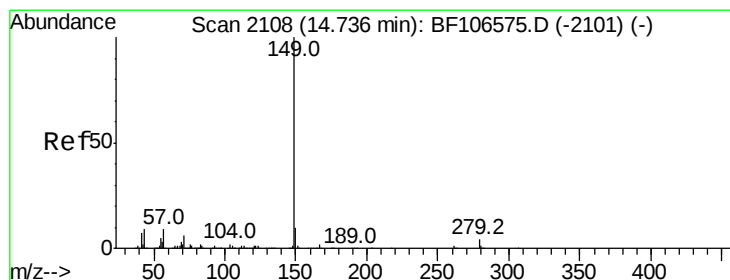
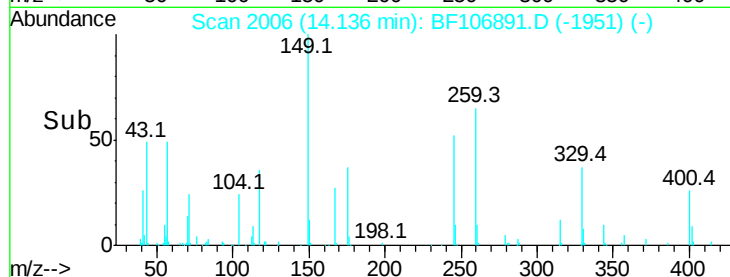
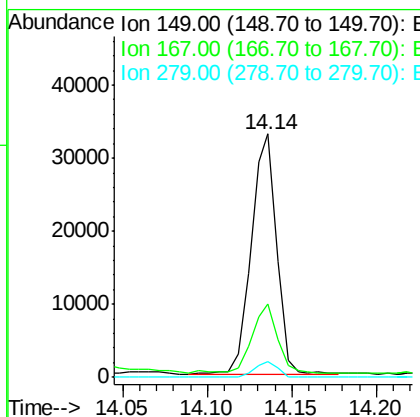
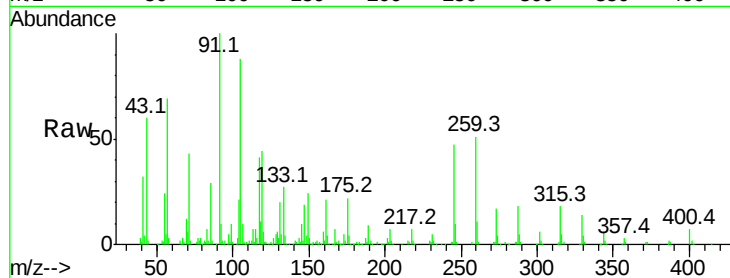




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 101.466 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. 0.02 min
 Lab File: BF106891.D
 Acq: 28 Jun 2018 00:43

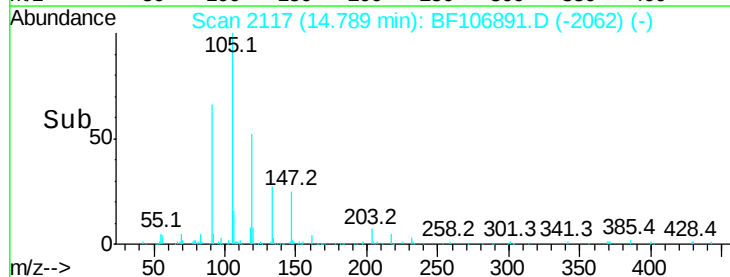
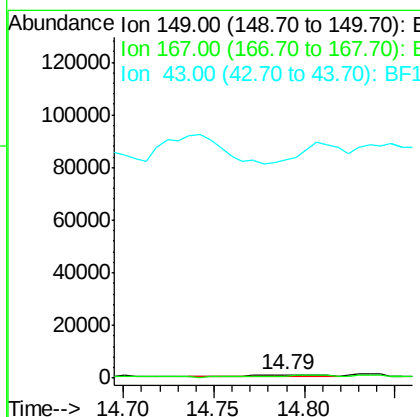
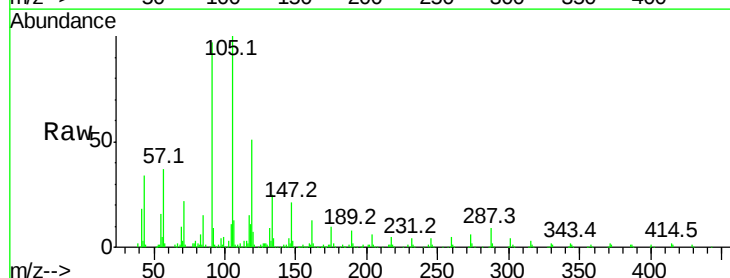
Instrument :
 BNA_F
 ClientSampleId :

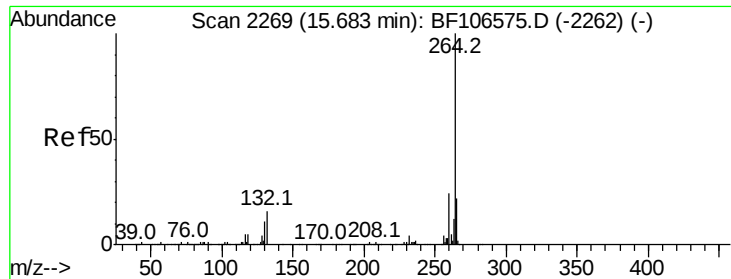
Tot Ion:149 Resp: 34615
 Ion Ratio Lower Upper
 149 100
 167 30.1 21.3 31.9
 279 6.3 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 2.931 ng
 RT: 14.79 min Scan# 2117
 Delta R.T. 0.02 min
 Lab File: BF106891.D
 Acq: 28 Jun 2018 00:43

Tgt Ion:149 Resp: 1630
 Ion Ratio Lower Upper
 149 100
 167 49.6 1.2 1.8#
 43 703.4 8.4 12.6#

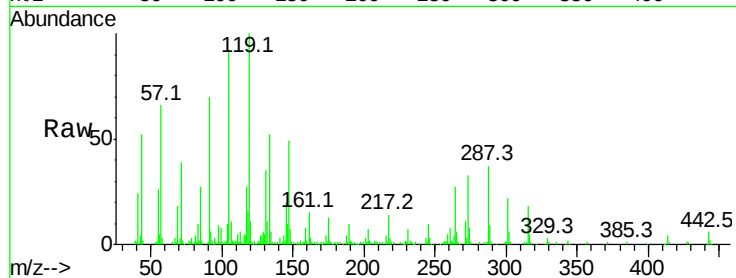




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.78 min Scan# 2285
Delta R.T. 0.06 min
Lab File: BF106891.D
Acq: 28 Jun 2018 00:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 33452
Ion Ratio Lower Upper
264 100
260 29.4 19.2 28.8#
265 22.4 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

