

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062218\
 Data File : BF106751.D
 Acq On : 23 Jun 2018 10:50
 Operator : JU/SJ
 Sample : J3597-05
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-23

Quant Time: Jun 25 01:19:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 22 11:34:03 2018
 Response via : Initial Calibration

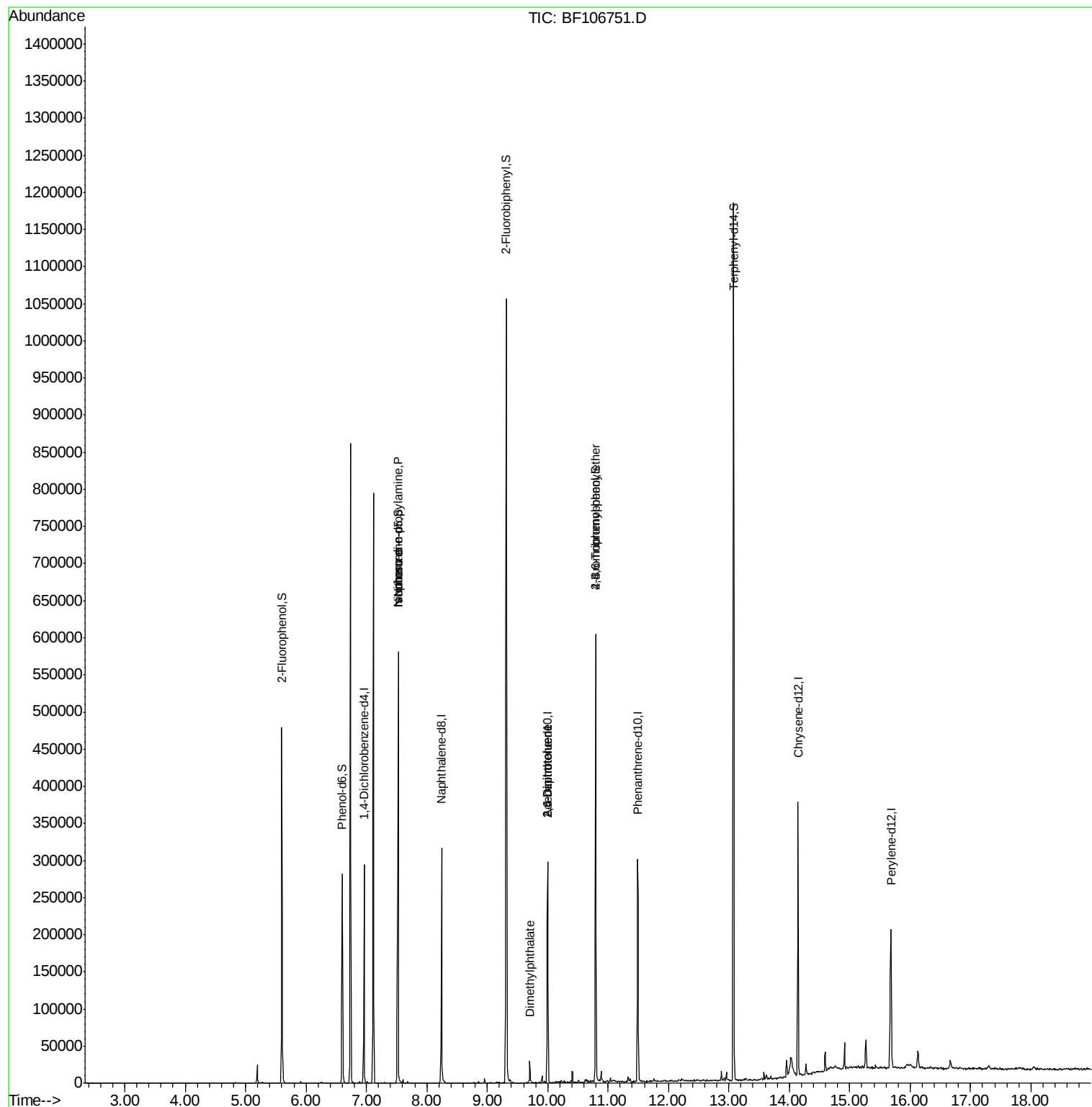
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	41835	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	143941	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	61290	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	116735	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	130597	20.00	ng	-0.01
86) Perylene-d12	15.68	264	94737	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	128733	52.11	ng	0.00
7) Phenol-d6	6.60	99	95826	31.06	ng	-0.01
23) Nitrobenzene-d5	7.52	82	201824	77.92	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	85557	120.44	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	355496	100.94	ng	-0.01
78) Terphenyl-d14	13.08	244	432570	80.23	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	26383	12.973	ng	# 70
25) Isophorone	7.52	82	201819	44.218	ng	# 64
49) Dimethylphthalate	9.71	163	13658	2.971	ng	# 98
50) 2,6-Dinitrotoluene	10.00	165	7533	7.739	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	7533	5.929	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	5275	3.786	ng	# 1

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

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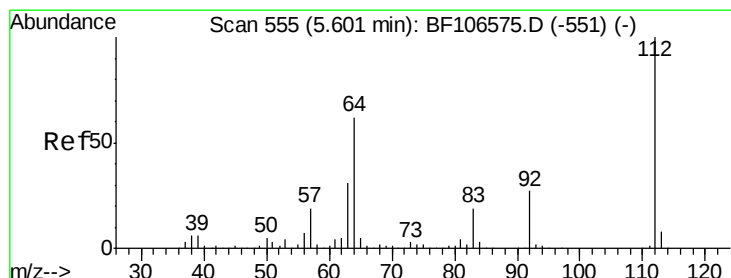
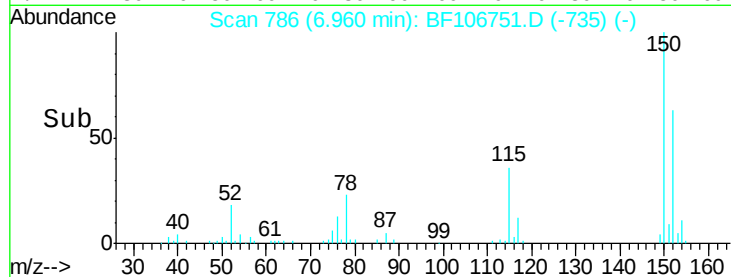
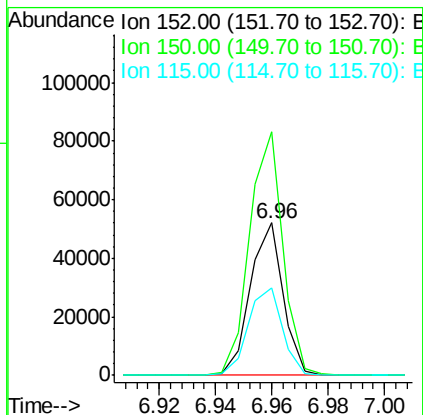
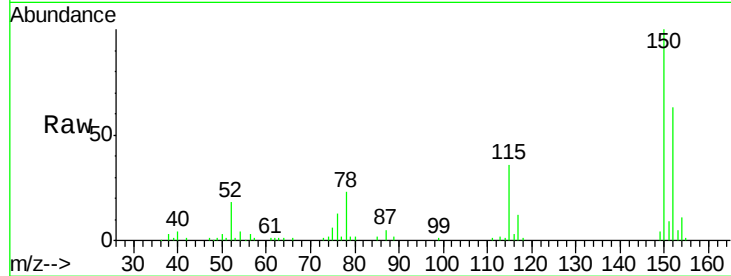


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106751.D
Acq: 23 Jun 2018 10:50

Instrument :
BNA_F
ClientSampled :
W-23

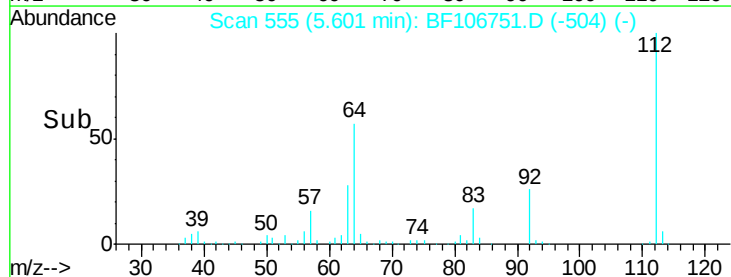
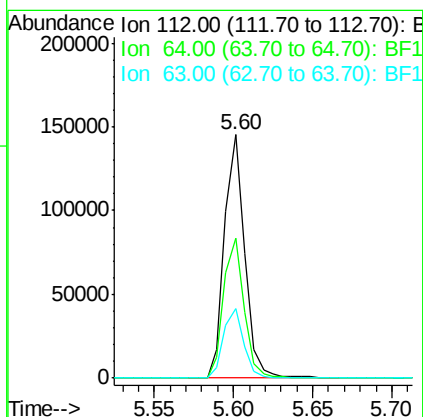
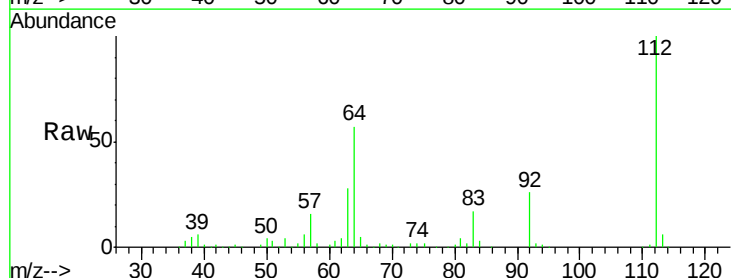
Tgt Ion:152 Resp: 41835
Ion Ratio Lower Upper
152 100
150 159.6 124.6 186.8
115 57.5 50.1 75.1



#5

2-Fluorophenol
Concen: 52.106 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF106751.D
Acq: 23 Jun 2018 10:50

Tgt Ion:112 Resp: 128733
Ion Ratio Lower Upper
112 100
64 57.5 47.9 71.9
63 28.4 23.7 35.5





#7

Phenol-d6

Concen: 31.059 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF106751.D

Acq: 23 Jun 2018 10:50

Instrument :

BNA_F

ClientSampleId :

W-23

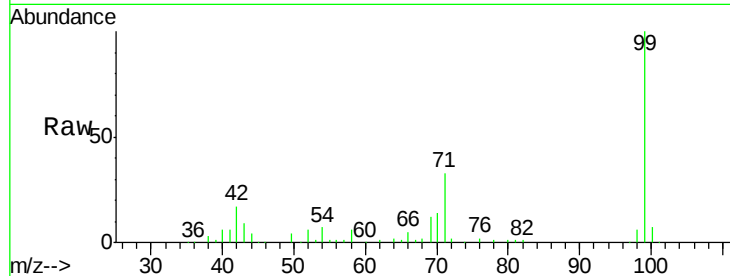
Tgt Ion: 99 Resp: 95826

Ion Ratio Lower Upper

99 100

42 16.9 14.5 21.7

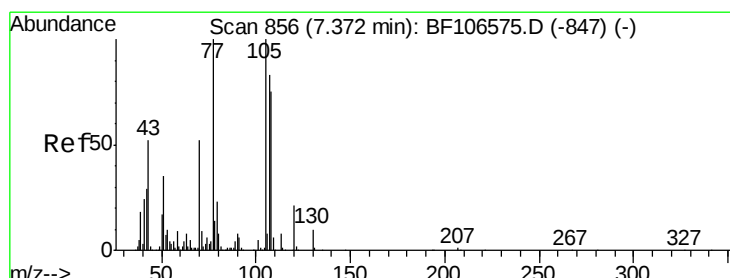
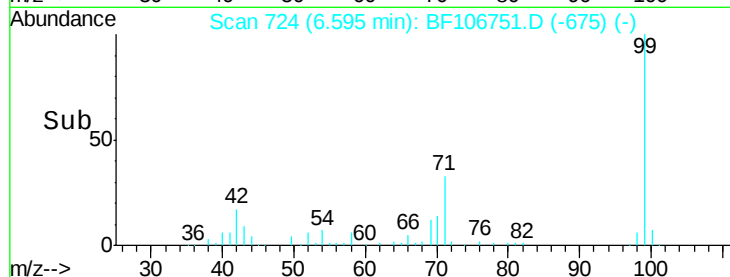
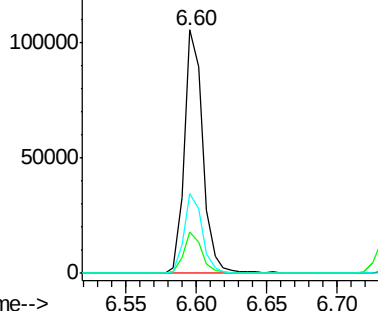
71 32.9 25.4 38.0



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: 12.973 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF106751.D

Acq: 23 Jun 2018 10:50

Tgt Ion: 70 Resp: 26383

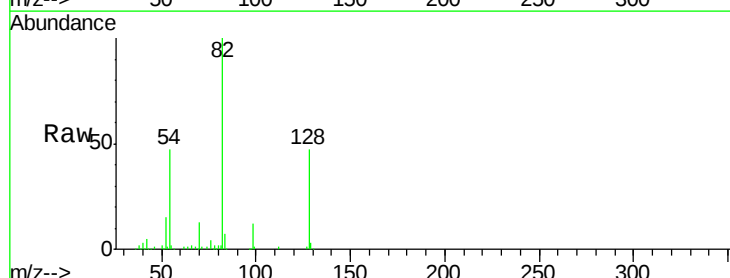
Ion Ratio Lower Upper

70 100

42 38.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

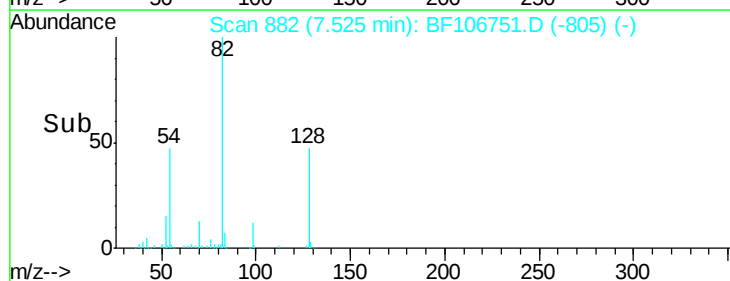
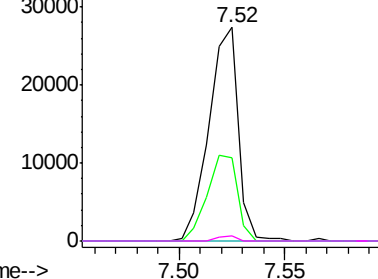


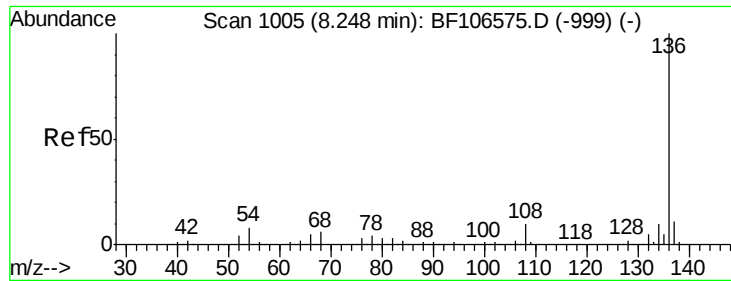
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

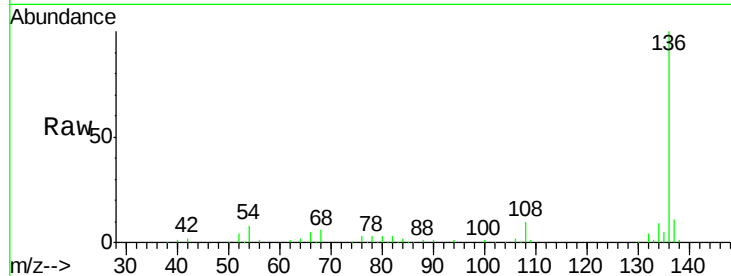




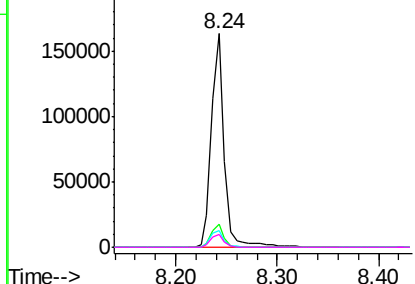
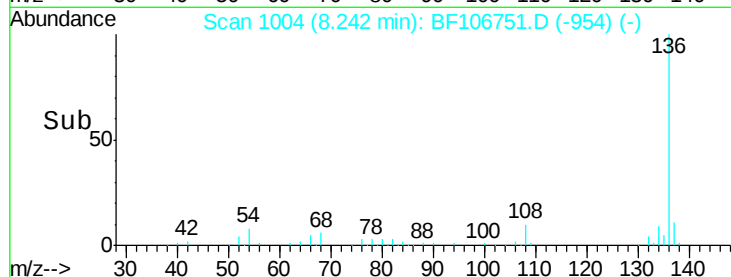
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106751.D
Acq: 23 Jun 2018 10:50

Instrument :
BNA_F
ClientSampled :
W-23

Tgt Ion:	136	Resp:	143941
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.6	6.6	9.8
68	6.1	5.0	7.4

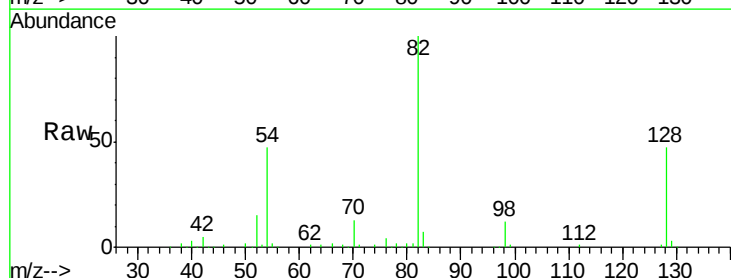


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

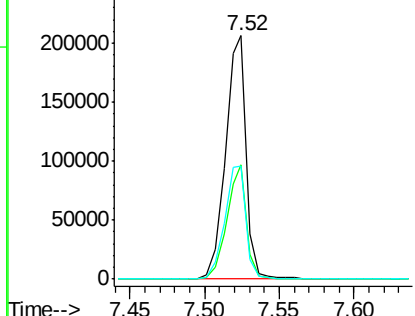
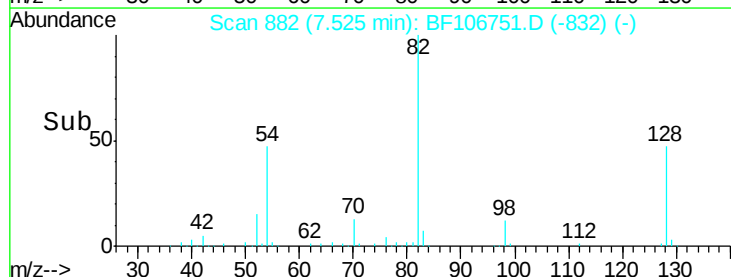


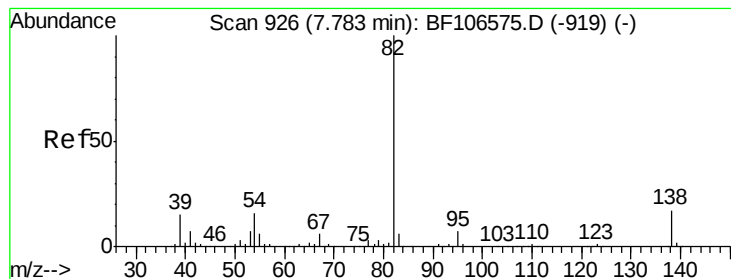
#23
Nitrobenzene-d5
Concen: 77.921 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106751.D
Acq: 23 Jun 2018 10:50

Tgt Ion:	82	Resp:	201824
Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.1	54.1
54	46.6	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: 44.218 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106751.D

Acq: 23 Jun 2018 10:50

Instrument :

BNA_F

ClientSampled :

W-23

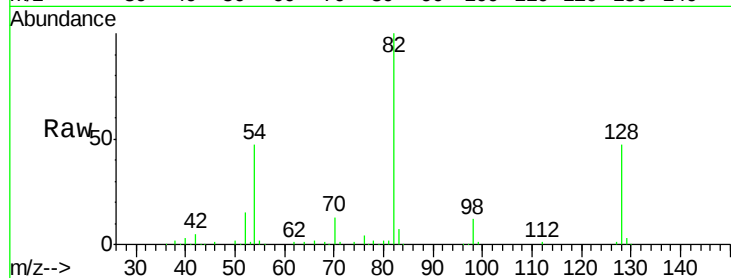
Tgt Ion: 82 Resp: 201819

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

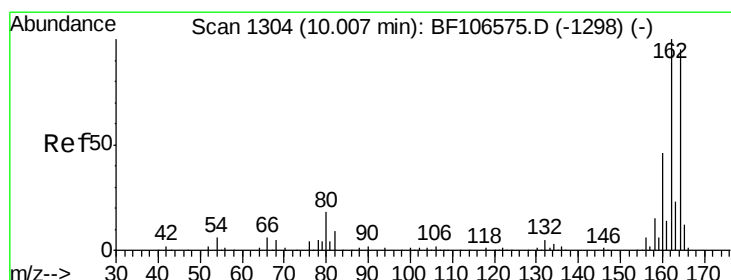
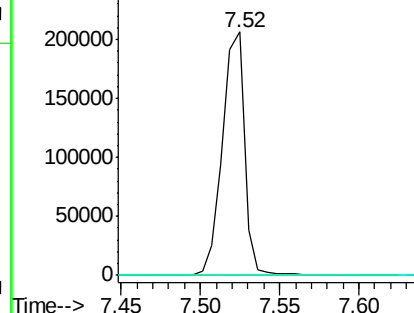
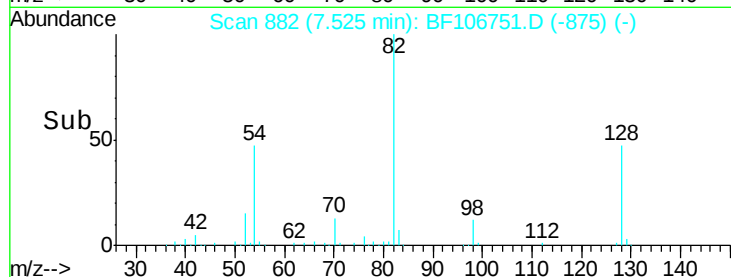
138 0.0 14.9 22.3#



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# 1303

Delta R.T. -0.01 min

Lab File: BF106751.D

Acq: 23 Jun 2018 10:50

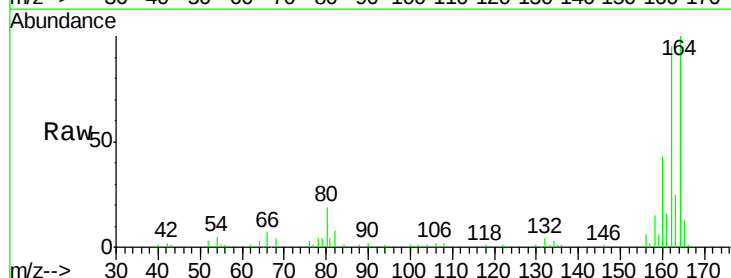
Tgt Ion: 164 Resp: 61290

Ion Ratio Lower Upper

164 100

162 95.2 86.1 129.1

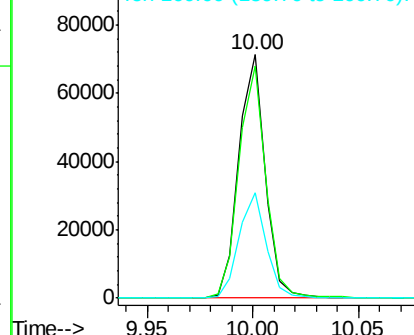
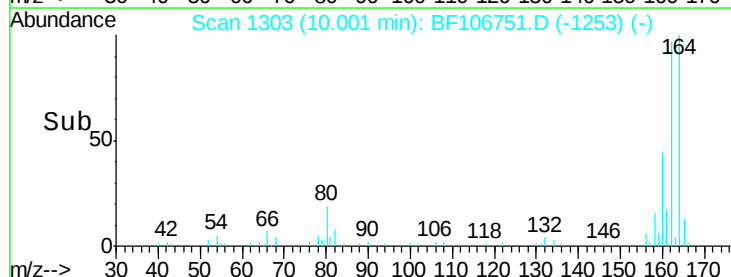
160 43.4 38.3 57.5



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

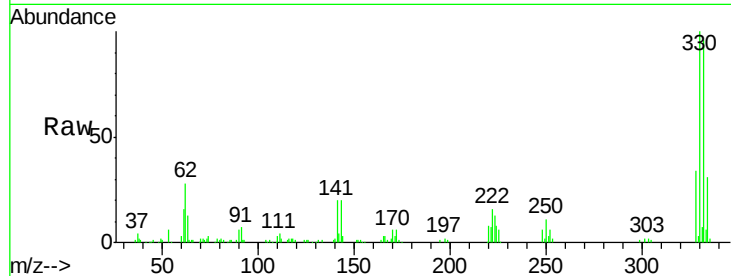




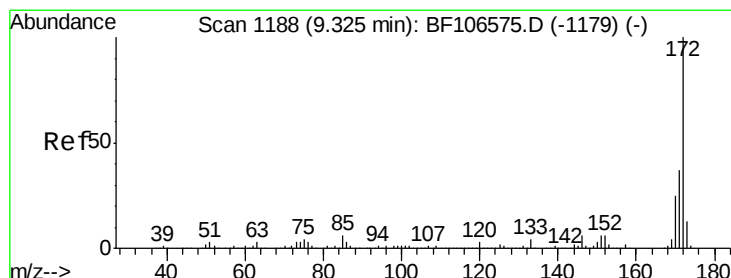
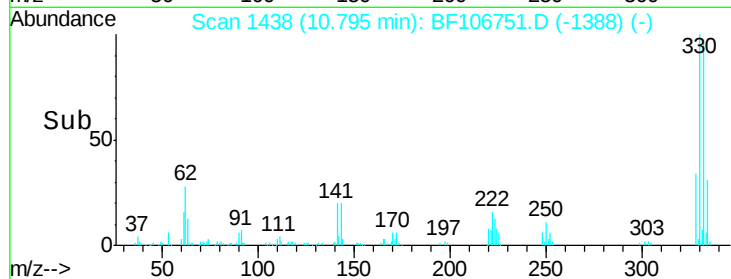
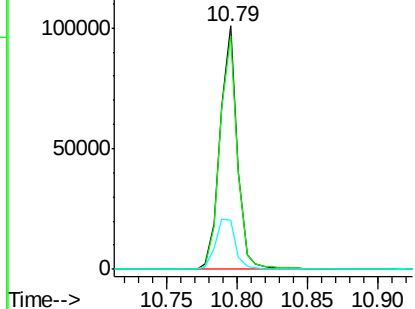
#41
 2,4,6-Tribromophenol
 Concen: 120.440 ng
 RT: 10.79 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106751.D
 Acq: 23 Jun 2018 10:50

Instrument :
 BNA_F
 ClientSampleId :
 W-23

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	23.8	29.9	44.9

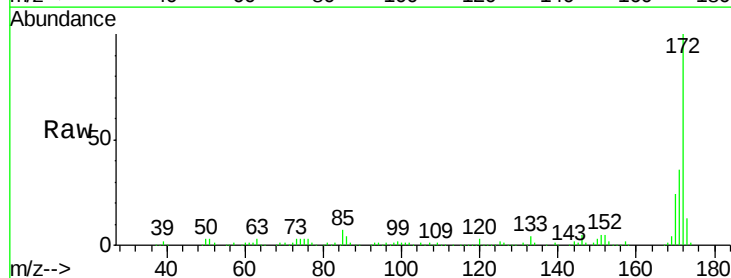


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

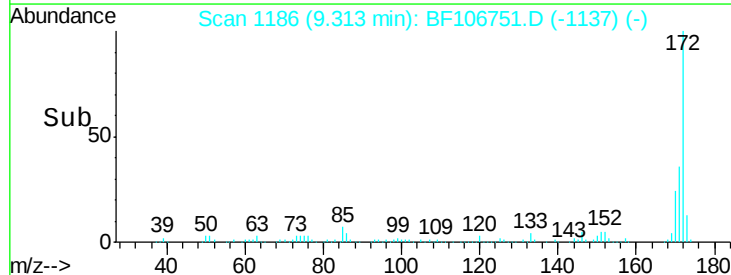
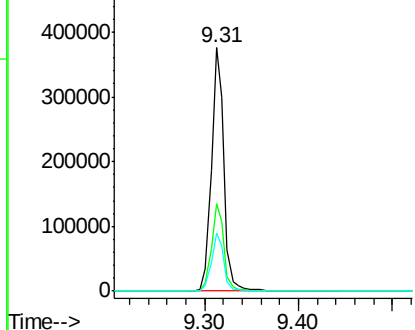


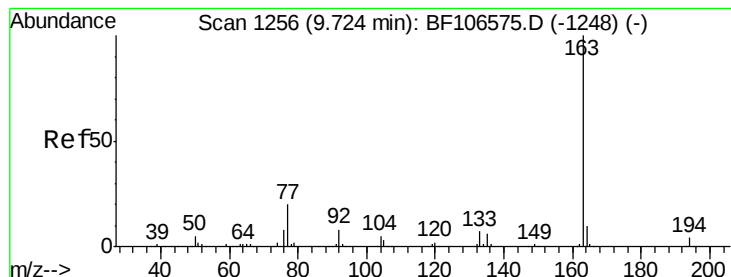
#44
 2-Fluorobiphenyl
 Concen: 100.943 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106751.D
 Acq: 23 Jun 2018 10:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.9	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: 2.971 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106751.D

Acq: 23 Jun 2018 10:50

Instrument :

BNA_F

ClientSampleId :

W-23

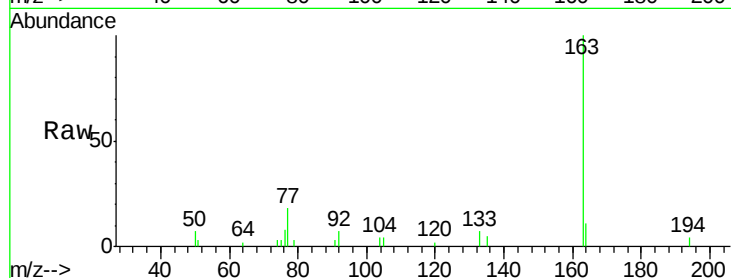
Tgt Ion:163 Resp: 13658

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

164 10.7 8.2 12.2

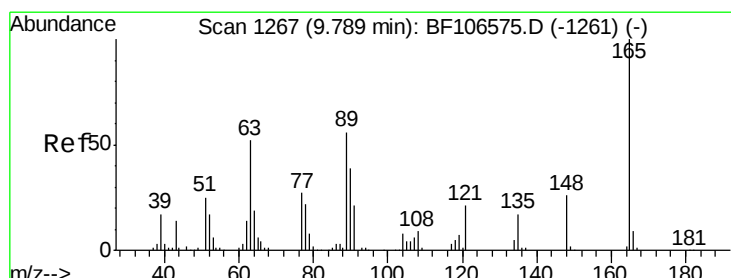
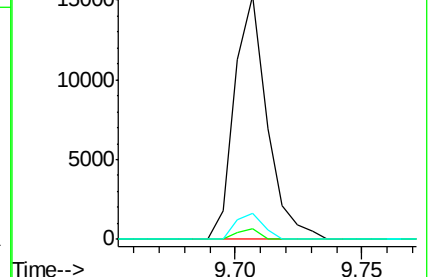
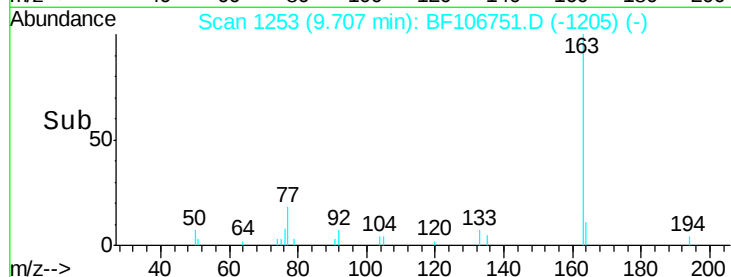


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

9.71



#50

2,6-Dinitrotoluene

Concen: 7.739 ng

RT: 10.00 min Scan# 1303

Delta R.T. 0.21 min

Lab File: BF106751.D

Acq: 23 Jun 2018 10:50

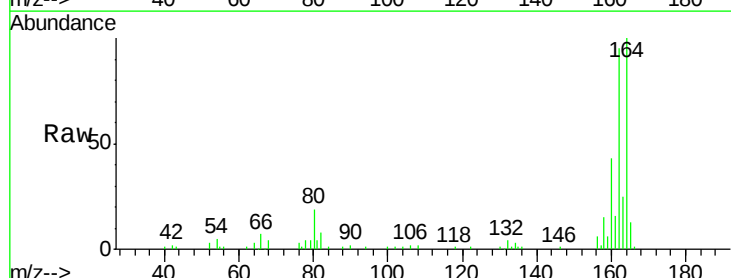
Tgt Ion:165 Resp: 7533

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

89 0.0 44.0 66.0#

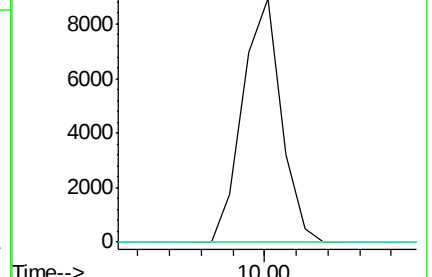
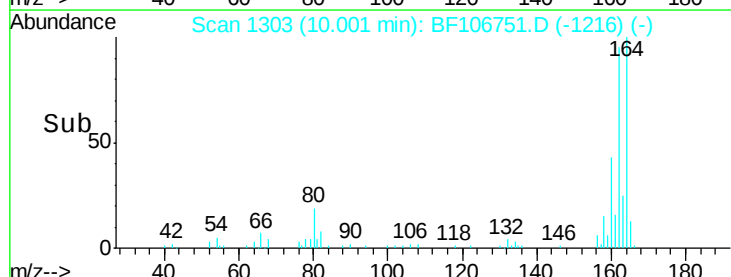


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

10.00

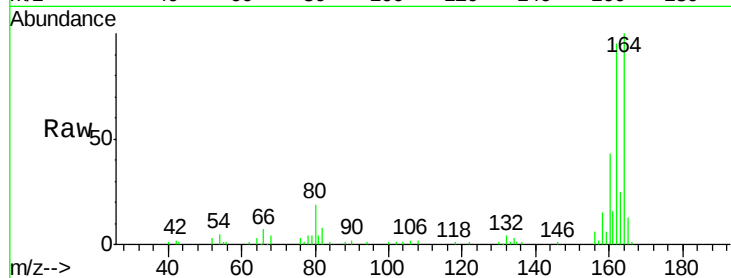




#56
 2,4-Dinitrotoluene
 Concen: 5.929 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.19 min
 Lab File: BF106751.D
 Acq: 23 Jun 2018 10:50

Instrument :
 BNA_F
 ClientSampleId :
 W-23

Tgt 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#

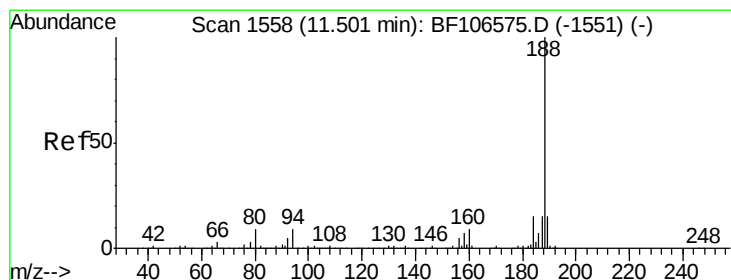
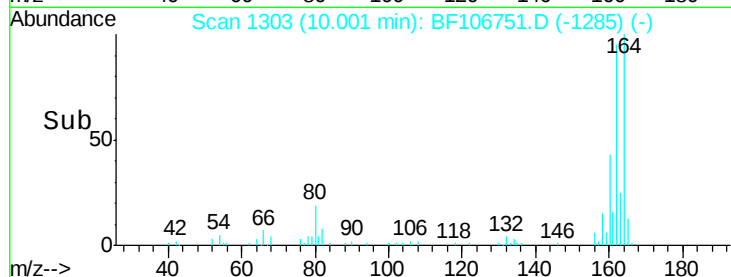
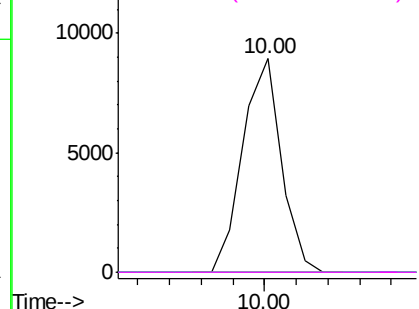


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

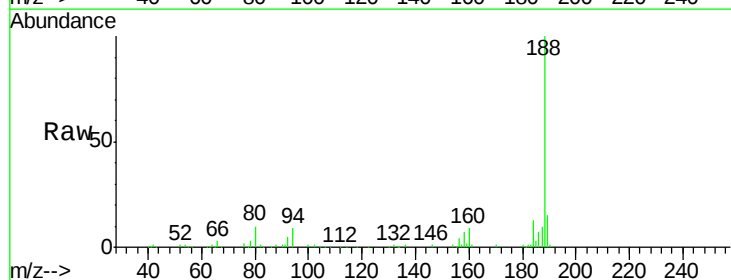
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF106751.D
 Acq: 23 Jun 2018 10:50

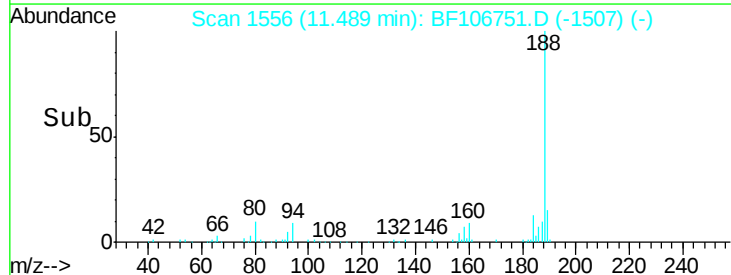
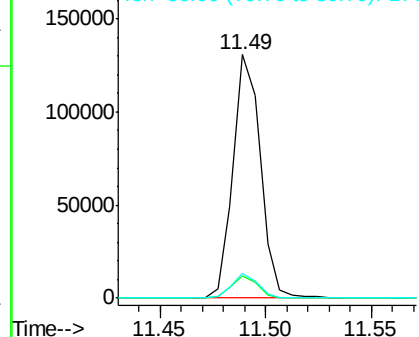
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	10.0	9.2	13.8



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

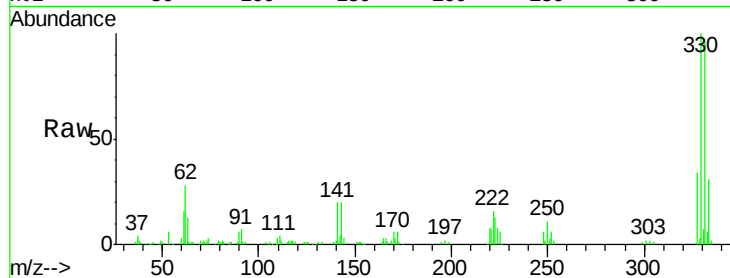




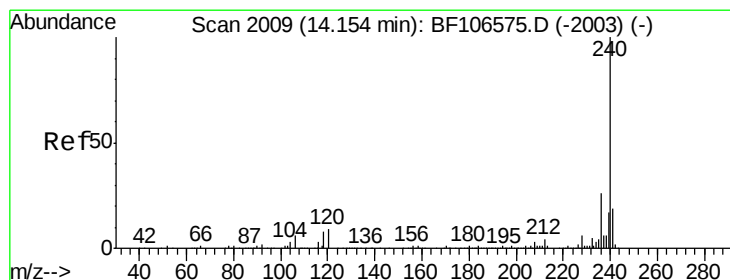
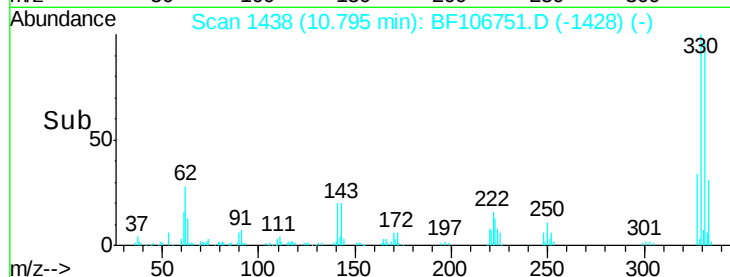
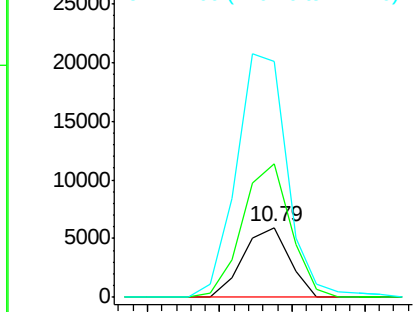
#66
4-Bromophenyl-phenylether
Concen: 3.786 ng
RT: 10.79 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106751.D
Acq: 23 Jun 2018 10:50

Instrument :
BNA_F
ClientSampled :
W-23

Tgt Ion:248 Resp: 5275
Ion Ratio Lower Upper
248 100
250 191.7 76.9 115.3#
141 338.9 74.4 111.6#

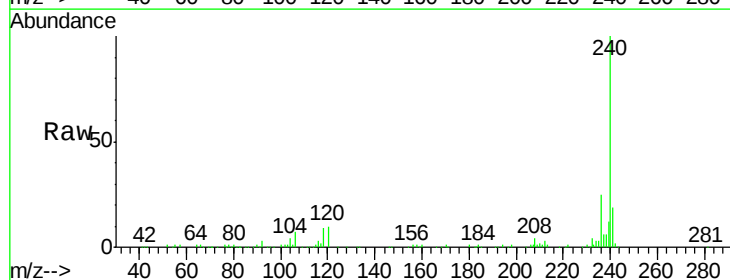


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

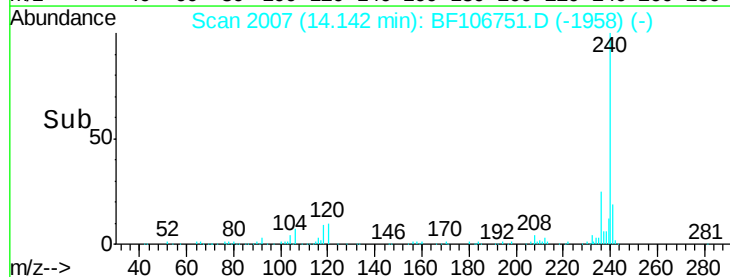
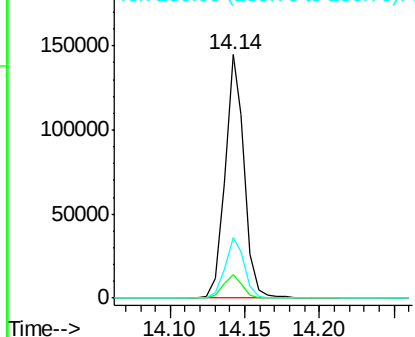


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF106751.D
Acq: 23 Jun 2018 10:50

Tgt Ion:240 Resp: 130597
Ion Ratio Lower Upper
240 100
120 9.5 9.5 14.3
236 24.9 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

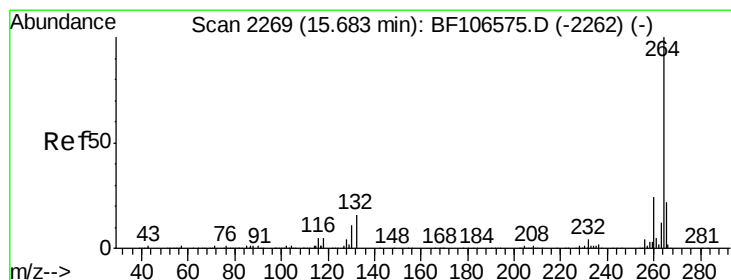
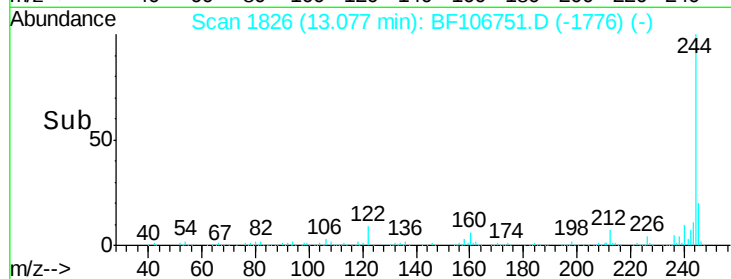
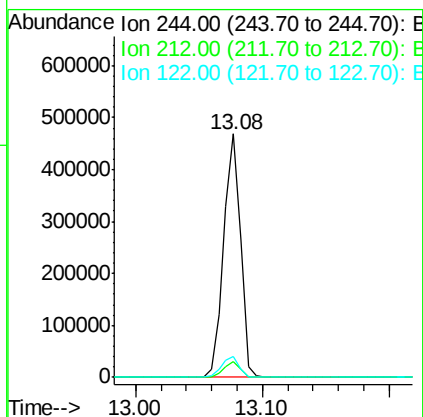
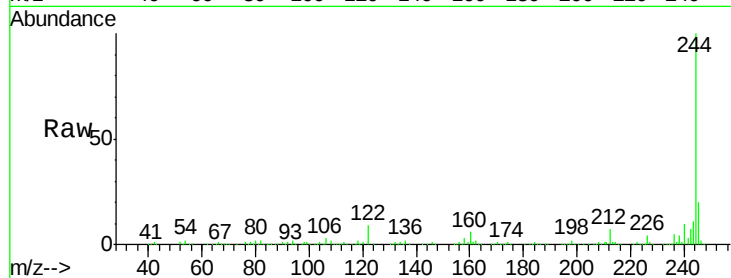




#78
 Terphenyl-d14
 Concen: 80.233 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106751.D
 Acq: 23 Jun 2018 10:50

Instrument :
 BNA_F
 ClientSampleId :
 W-23

Tgt Ion:244 Resp: 432570
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 8.9 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF106751.D
 Acq: 23 Jun 2018 10:50

Tgt Ion:264 Resp: 94737
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 20.9 17.5 26.3

