

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
 Data File : BF106905.D
 Acq On : 28 Jun 2018 6:52
 Operator : JU/SJ
 Sample : J3719-04
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 28 08:41:14 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

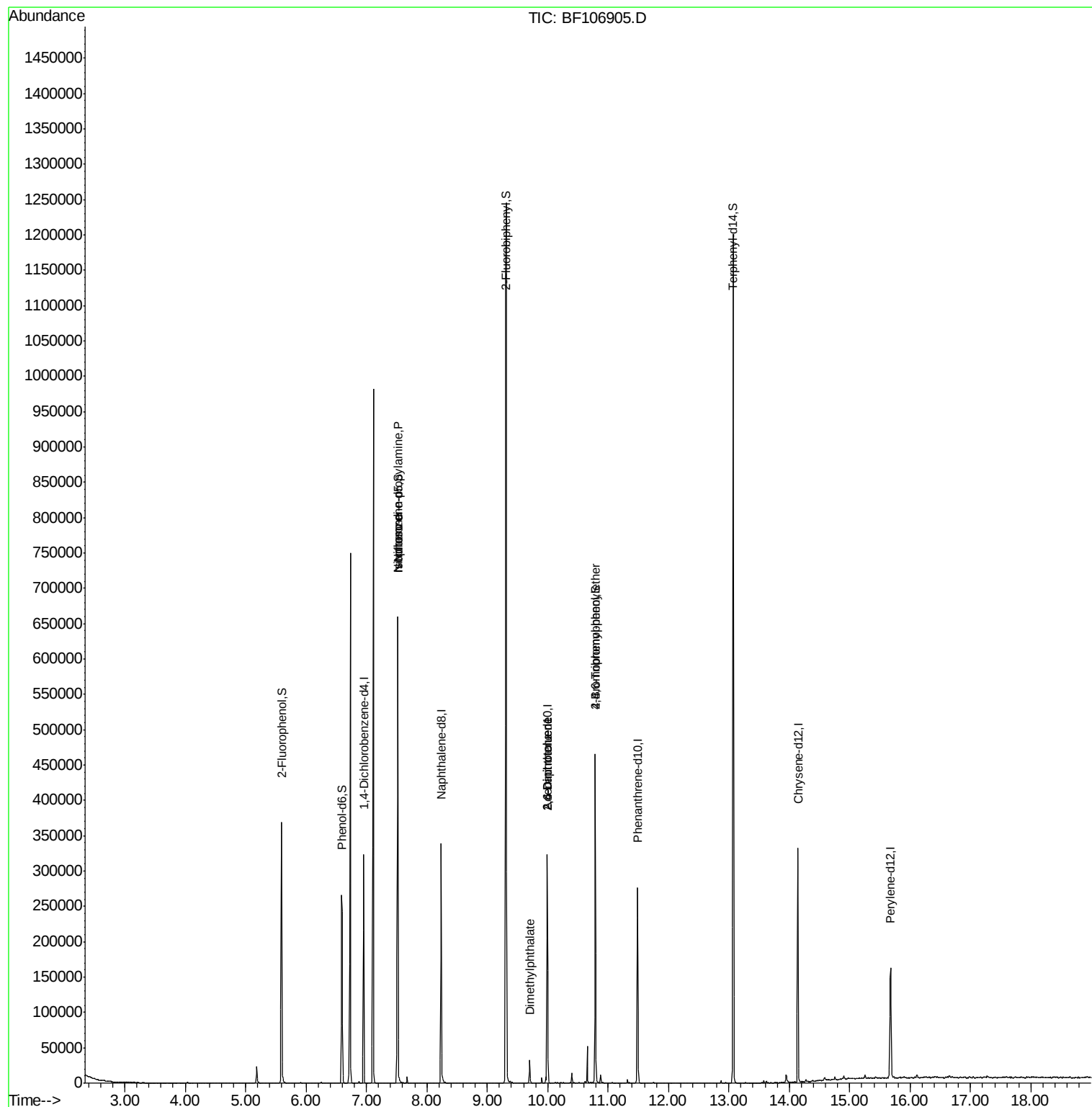
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	45169	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	155630	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	64947	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	111906	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	128452	20.00	ng	-0.02
86) Perylene-d12	15.68	264	89504	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	111439	41.78	ng	0.00
7) Phenol-d6	6.59	99	93917	28.19	ng	-0.02
23) Nitrobenzene-d5	7.52	82	247846	88.50	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	65406	86.89	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	434335	119.12	ng	-0.01
78) Terphenyl-d14	13.07	244	461814	87.09	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	31927	14.540	ng	# 76
25) Isophorone	7.52	82	247842	50.224	ng	# 64
49) Dimethylphthalate	9.70	163	15917	3.268	ng	# 97
50) 2,6-Dinitrotoluene	10.00	165	8168	7.919	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	8168	6.067	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	3838	2.874	ng	# 1

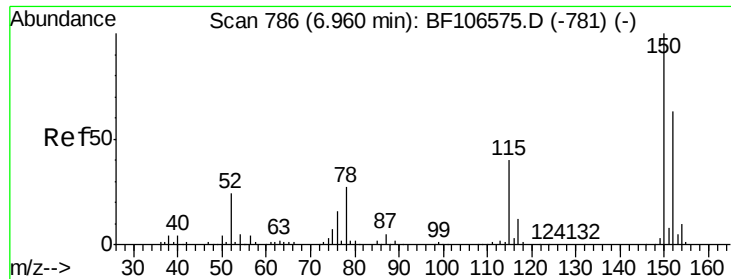
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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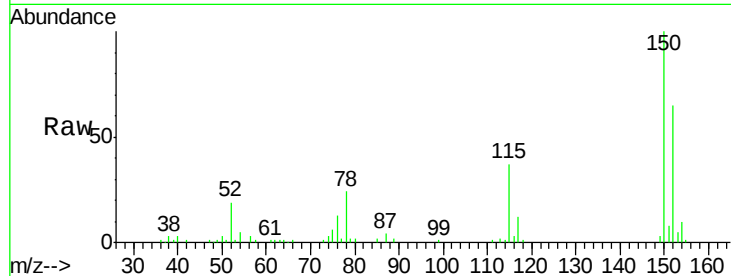


#1

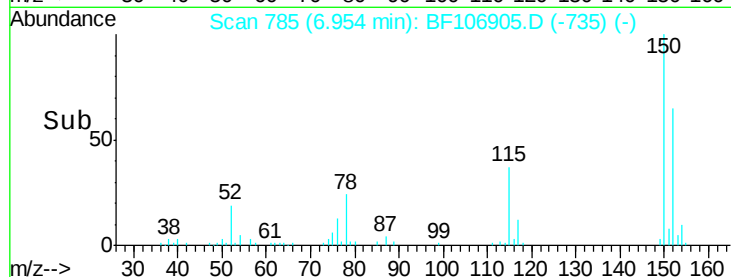
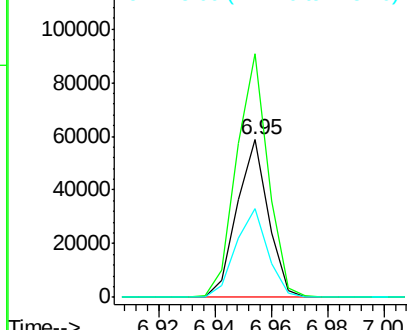
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106905.D
Acq: 28 Jun 2018 6:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 45169
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 56.6 50.1 75.1



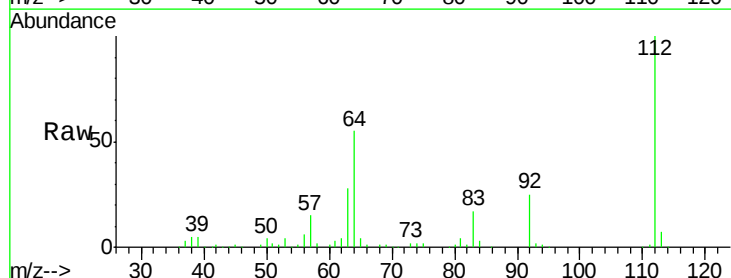
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



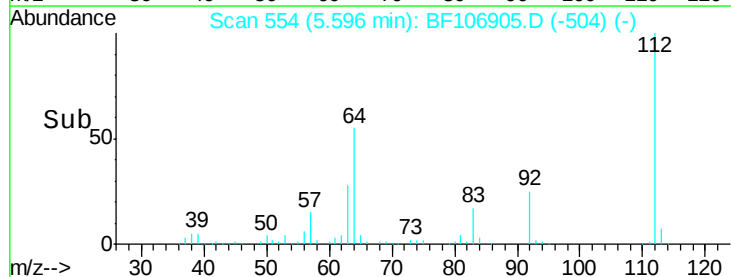
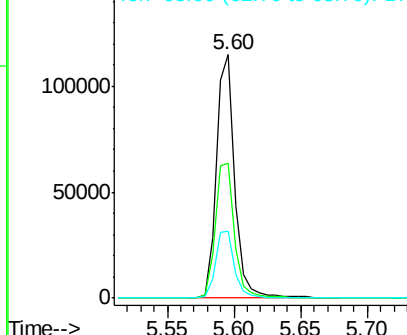
#5

2-Fluorophenol
Concen: 41.777 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106905.D
Acq: 28 Jun 2018 6:52

Tgt Ion:112 Resp: 111439
Ion Ratio Lower Upper
112 100
64 55.4 47.9 71.9
63 27.5 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: 28.193 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF106905.D

Acq: 28 Jun 2018 6:52

Instrument :

BNA_F

ClientSampled :

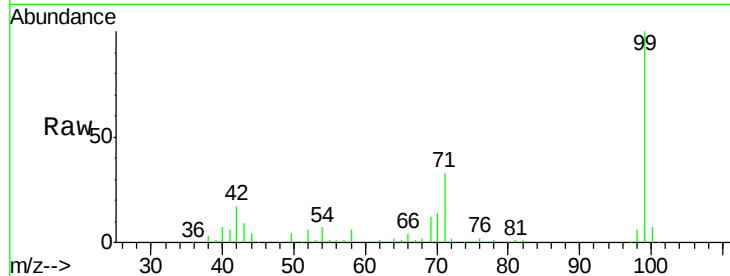
Tot Ion: 99 Resp: 93917

Ion Ratio Lower Upper

99 100

42 17.2 14.5 21.7

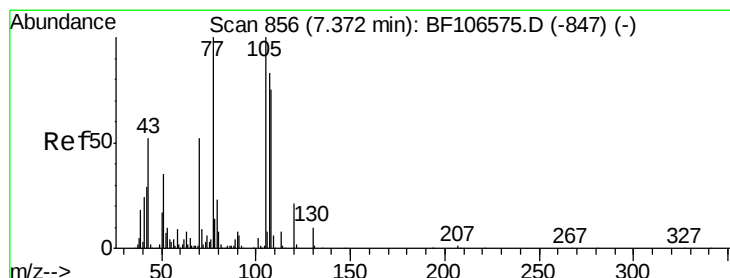
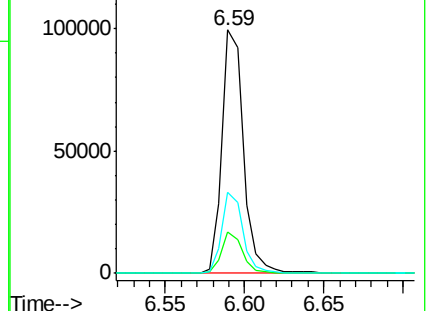
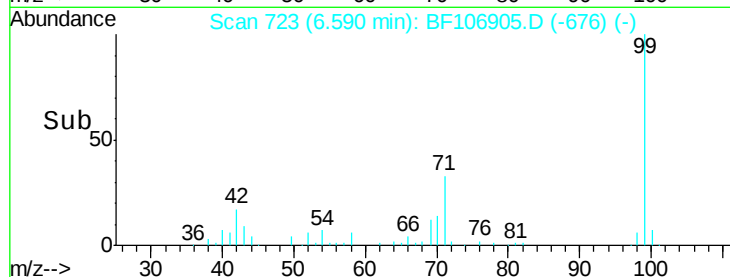
71 33.4 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.540 ng

RT: 7.52 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF106905.D

Acq: 28 Jun 2018 6:52

Tgt Ion: 70 Resp: 31927

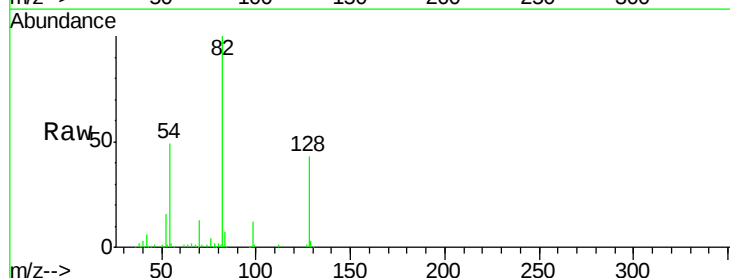
Ion Ratio Lower Upper

70 100

42 45.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

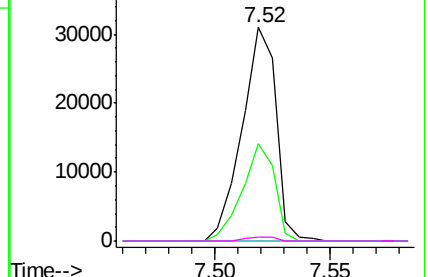
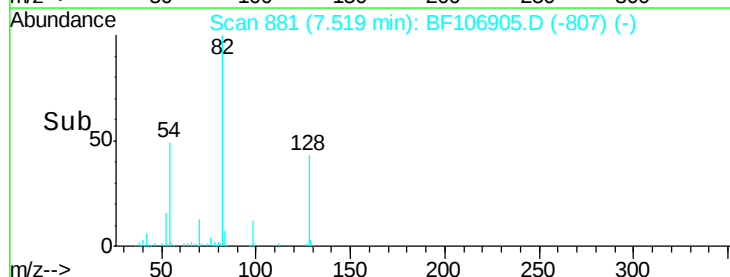


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

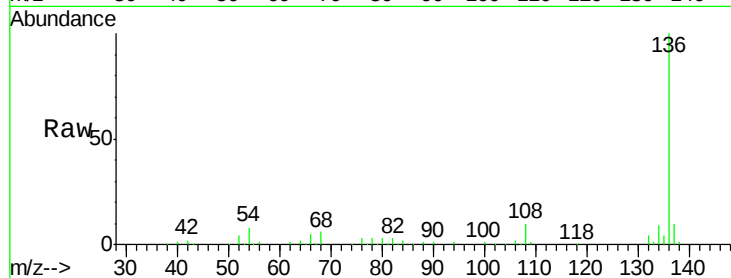




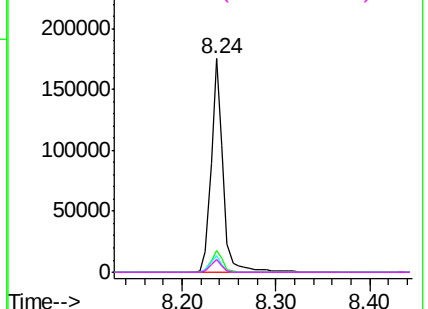
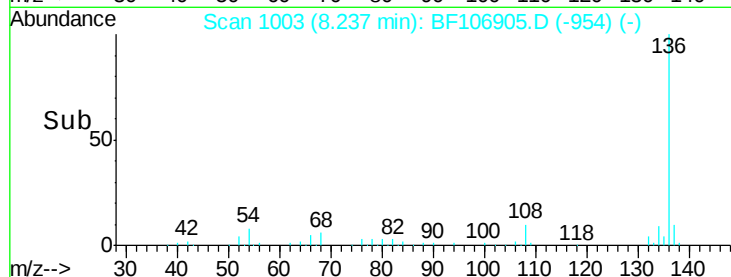
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106905.D
Acq: 28 Jun 2018 6:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	155630
Ion	Ratio	Lower Upper
136	100	
137	10.5	8.9 13.3
54	7.7	6.6 9.8
68	5.8	5.0 7.4

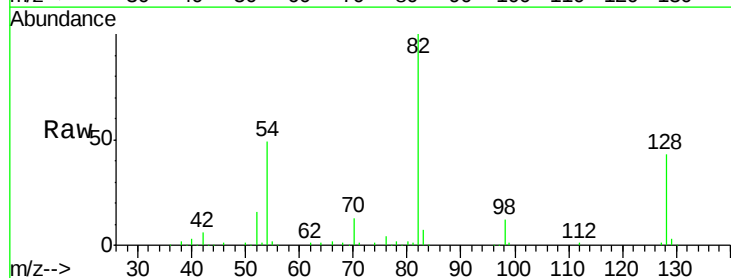


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

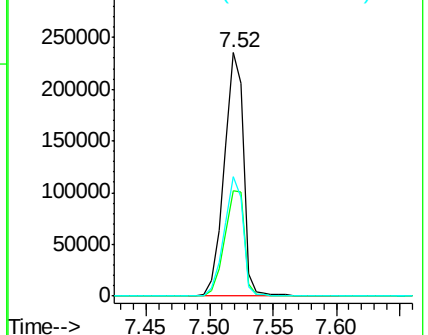
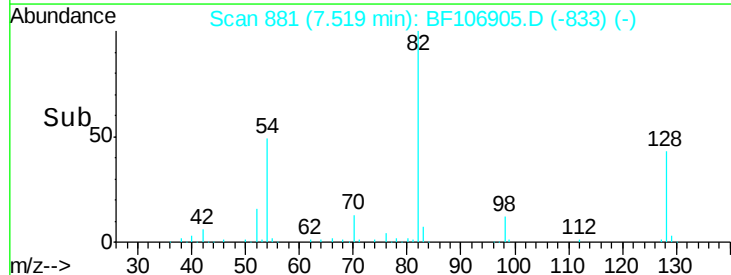


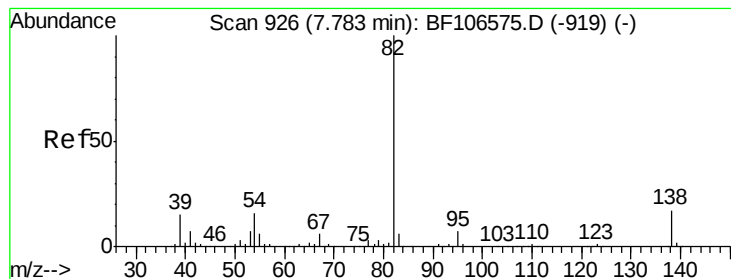
#23
Nitrobenzene-d5
Concen: 88.503 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF106905.D
Acq: 28 Jun 2018 6:52

Tgt Ion: 82	Resp:	247846
Ion	Ratio	Lower Upper
82	100	
128	43.5	36.1 54.1
54	49.2	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: 50.224 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.27 min

Lab File: BF106905.D

Acq: 28 Jun 2018 6:52

Instrument :

BNA_F

ClientSampleId :

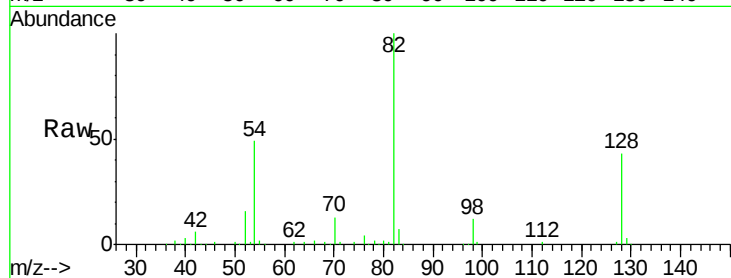
Tot Ion: 82 Resp: 247842

Ion Ratio Lower Upper

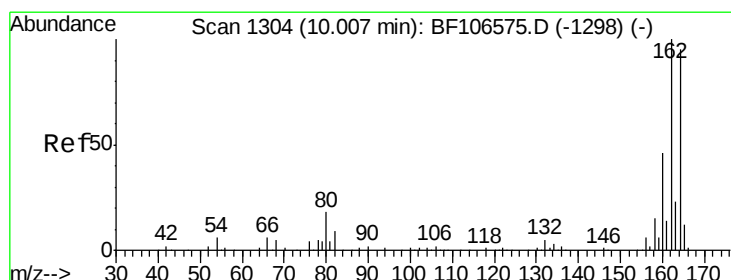
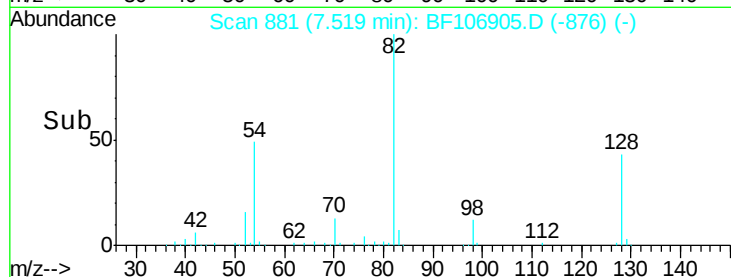
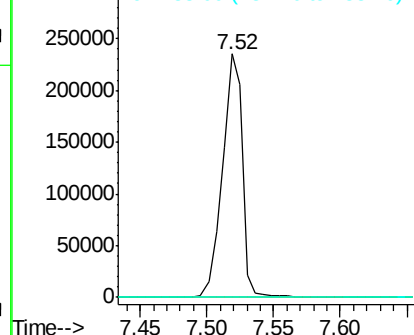
82 100

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: BF106905.D

Acq: 28 Jun 2018 6:52

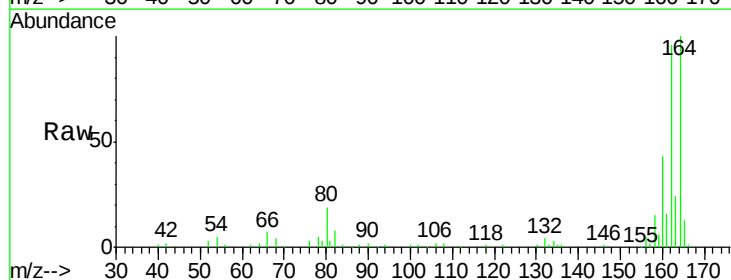
Tgt Ion: 164 Resp: 64947

Ion Ratio Lower Upper

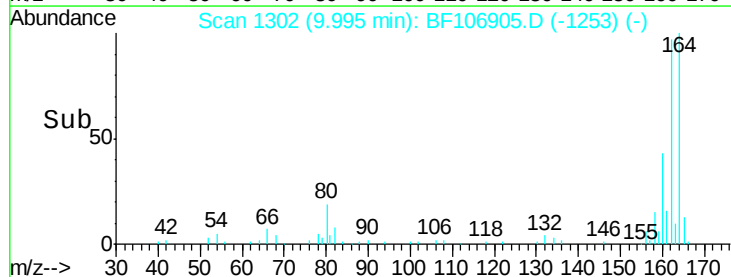
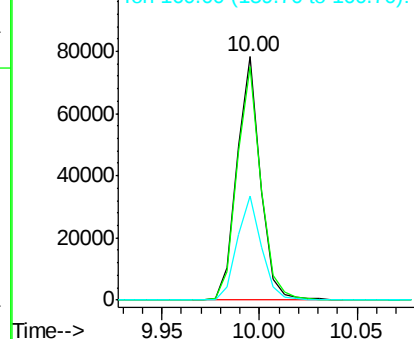
164 100

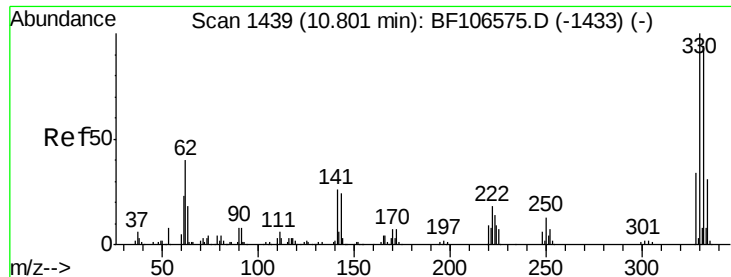
162 95.7 86.1 129.1

160 42.5 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

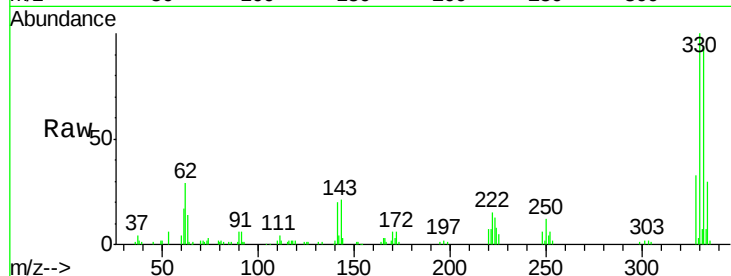




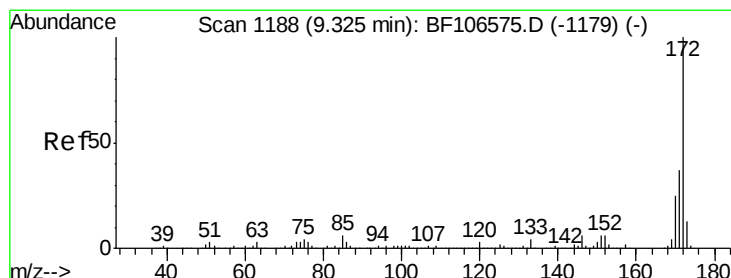
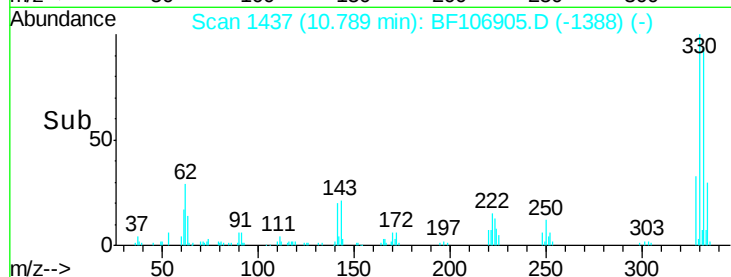
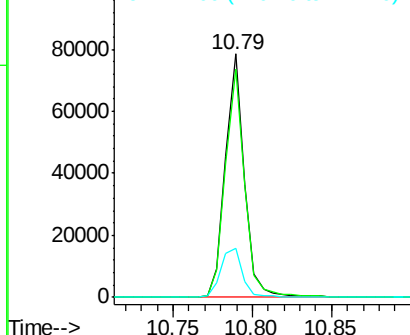
#41
 2,4,6-Tribromophenol
 Concen: 86.889 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106905.D
 Acq: 28 Jun 2018 6:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	22.8	29.9	44.9#

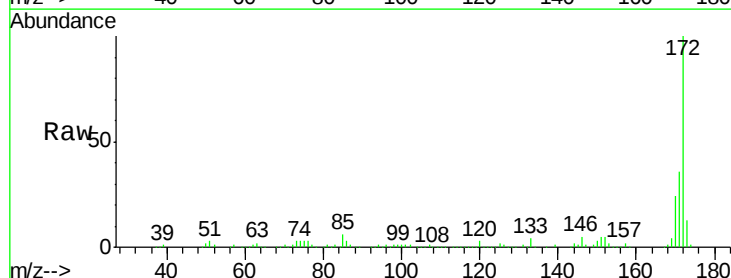


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

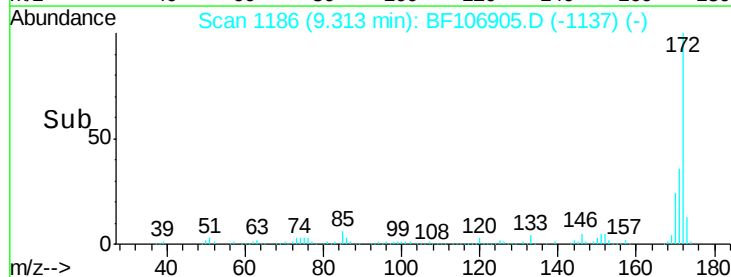
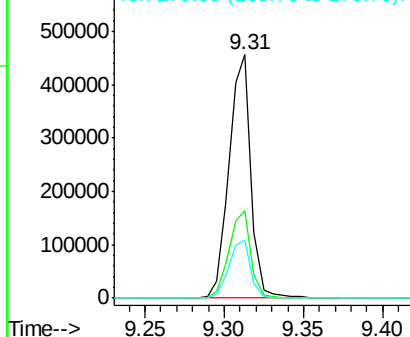


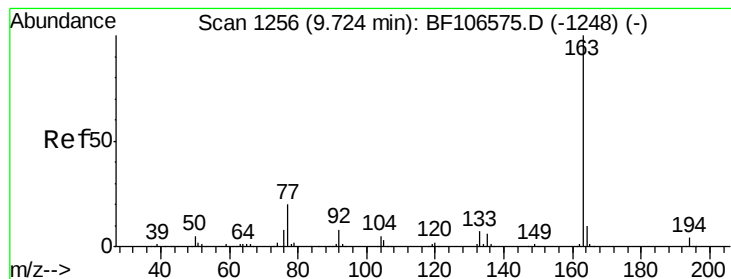
#44
 2-Fluorobiphenyl
 Concen: 119.115 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106905.D
 Acq: 28 Jun 2018 6:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.0	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: 3.268 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF106905.D

Acq: 28 Jun 2018 6:52

Instrument :

BNA_F

ClientSampleId :

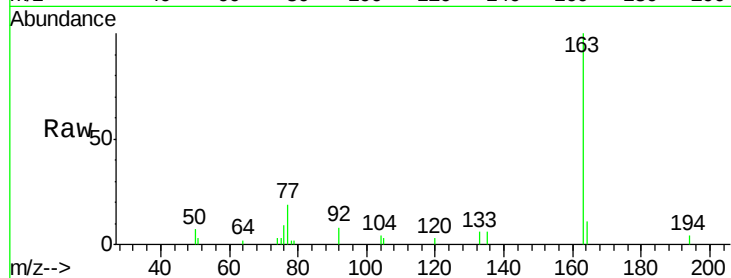
Tot Ion:163 Resp: 15917

Ion Ratio Lower Upper

163 100

194 4.3 2.7 4.1#

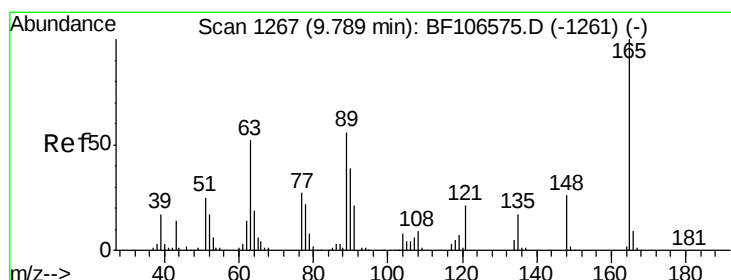
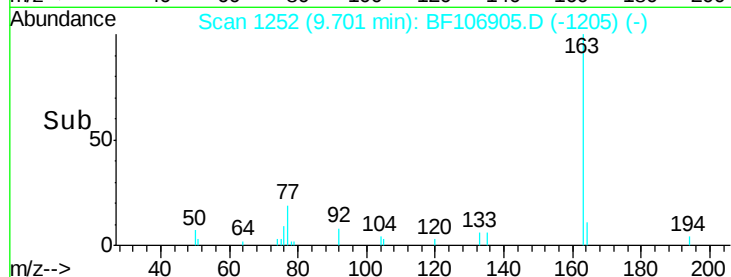
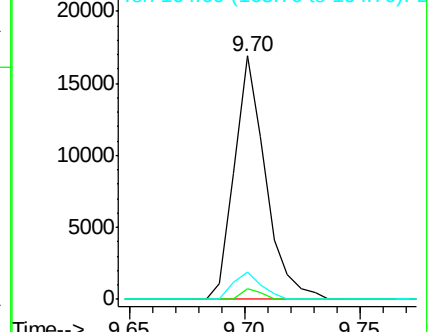
164 11.3 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 7.919 ng

RT: 10.00 min Scan# 1302

Delta R.T. 0.20 min

Lab File: BF106905.D

Acq: 28 Jun 2018 6:52

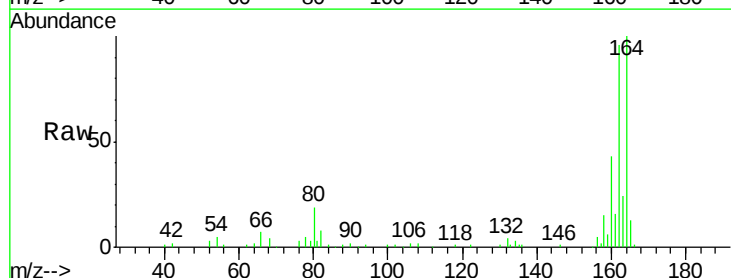
Tgt Ion:165 Resp: 8168

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

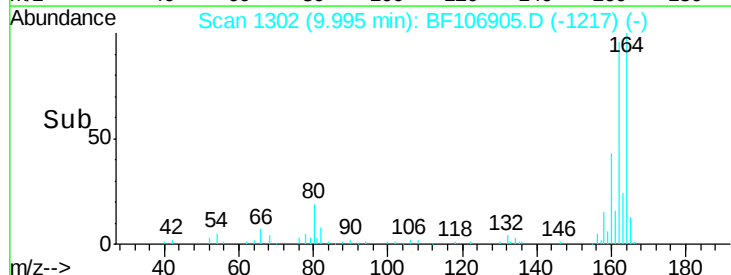
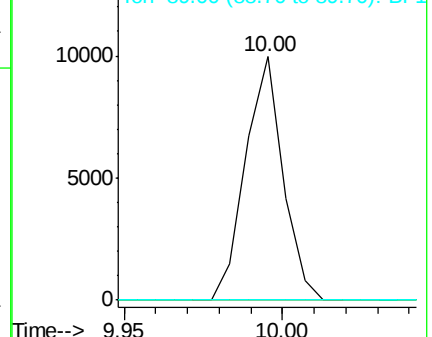
89 0.0 44.0 66.0#



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

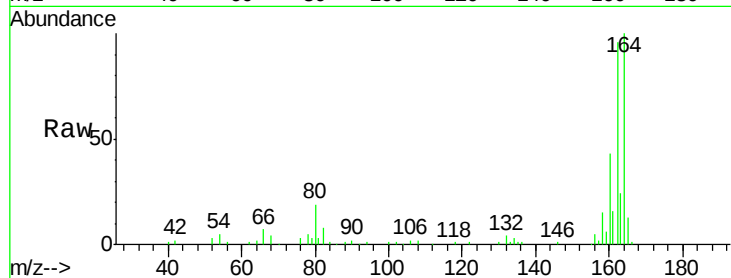




#56
2,4-Dinitrotoluene
Concen: 6.067 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF106905.D
Acq: 28 Jun 2018 6:52

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#

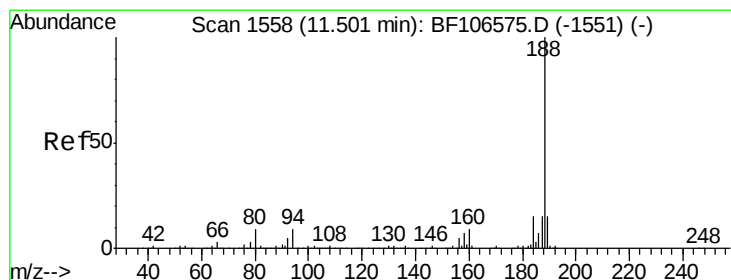
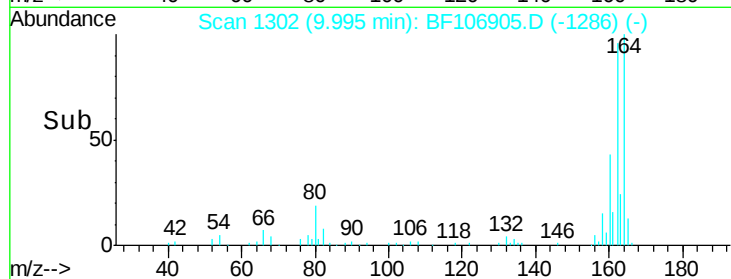
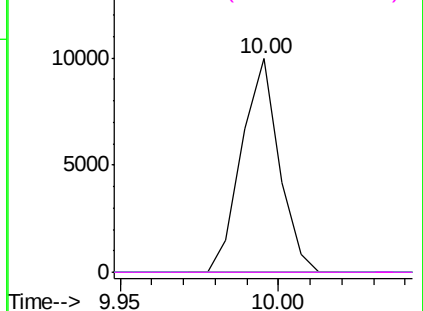


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

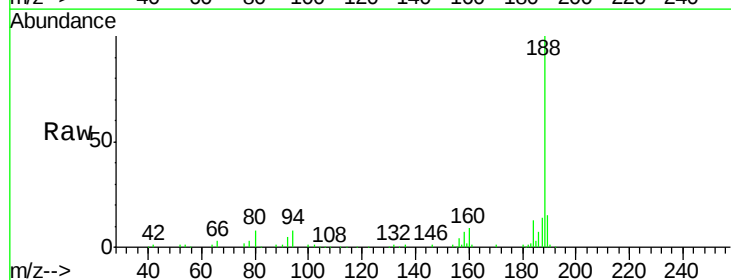
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106905.D
Acq: 28 Jun 2018 6:52

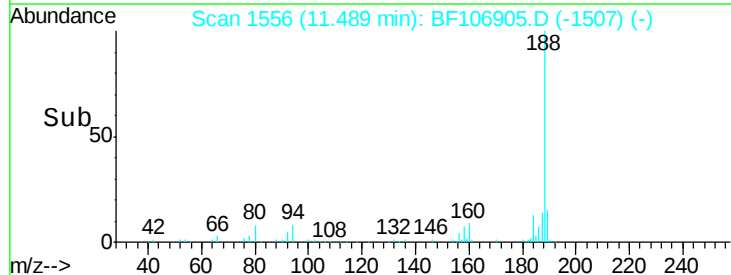
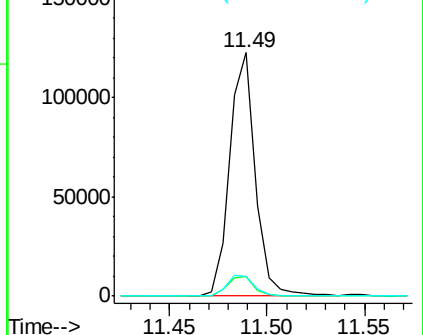
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.5	12.7#
80	8.3	9.2	13.8#



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

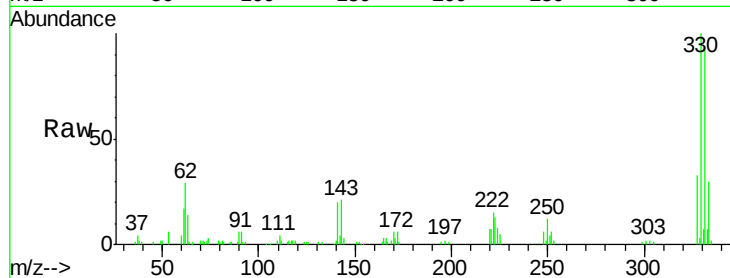




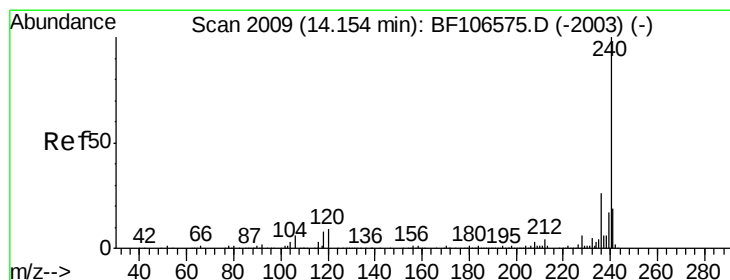
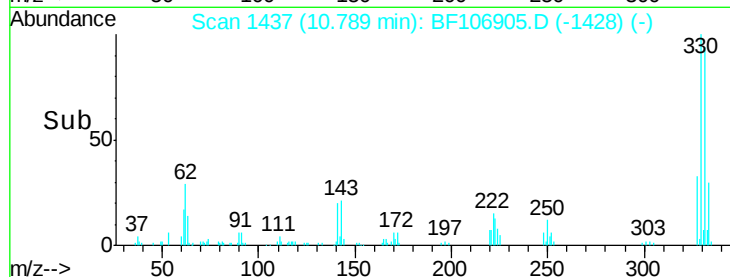
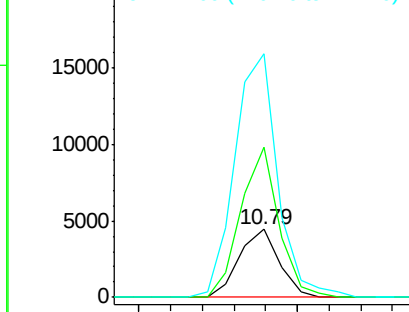
#66
4-Bromophenyl-phenylether
Concen: 2.874 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF106905.D
Acq: 28 Jun 2018 6:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	221.1	76.9	115.3#
141	359.0	74.4	111.6#

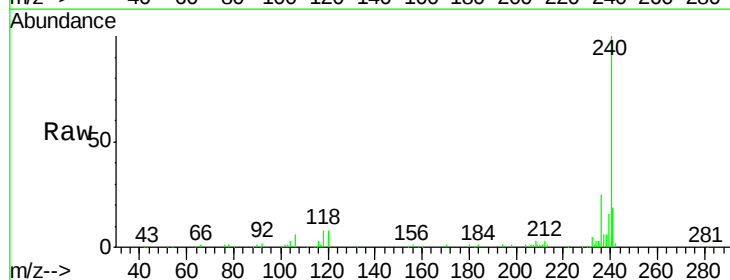


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

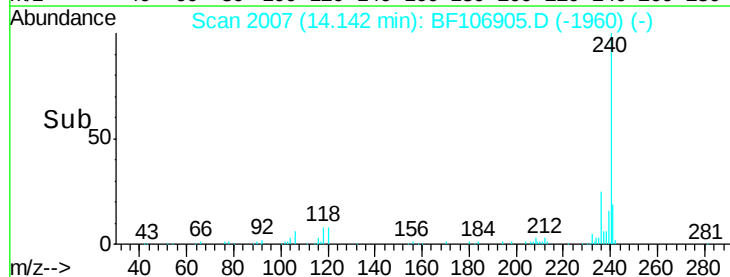
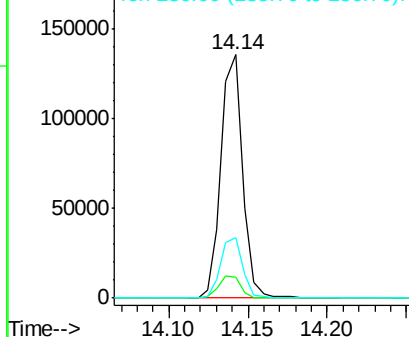


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF106905.D
Acq: 28 Jun 2018 6:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.4	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

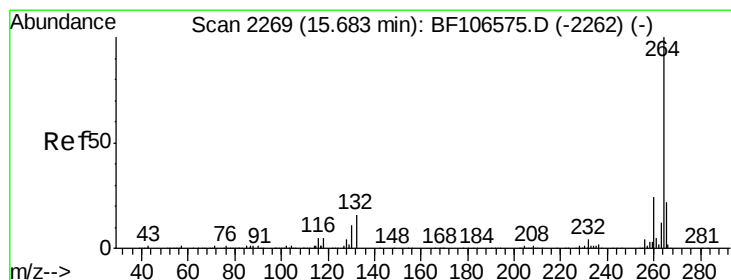
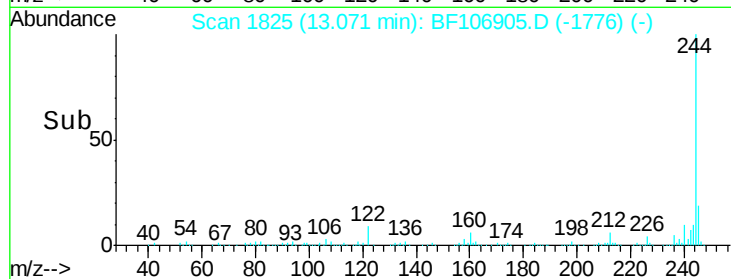
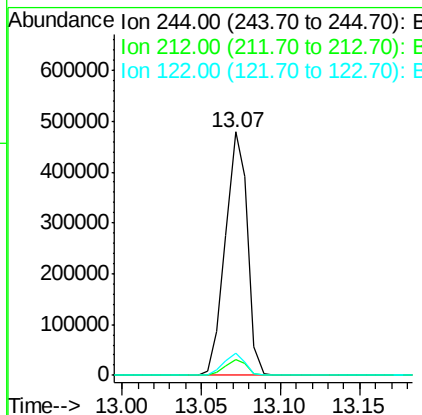
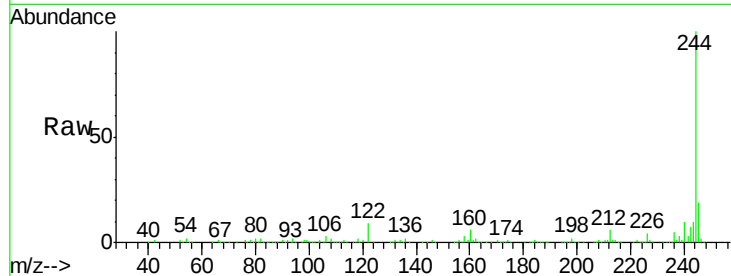




#78
 Terphenyl-d14
 Concen: 87.087 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF106905.D
 Acq: 28 Jun 2018 6:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 461814
 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# 2268
 Delta R.T. -0.04 min
 Lab File: BF106905.D
 Acq: 28 Jun 2018 6:52

Tgt Ion:264 Resp: 89504
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.3 17.5 26.3

