

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070618\
 Data File : BF107173.D
 Acq On : 6 Jul 2018 15:26
 Operator : JU/SJ
 Sample : J3858-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-005-A

Quant Time: Jul 06 16:01:20 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 29 14:38:29 2018
 Response via : Initial Calibration

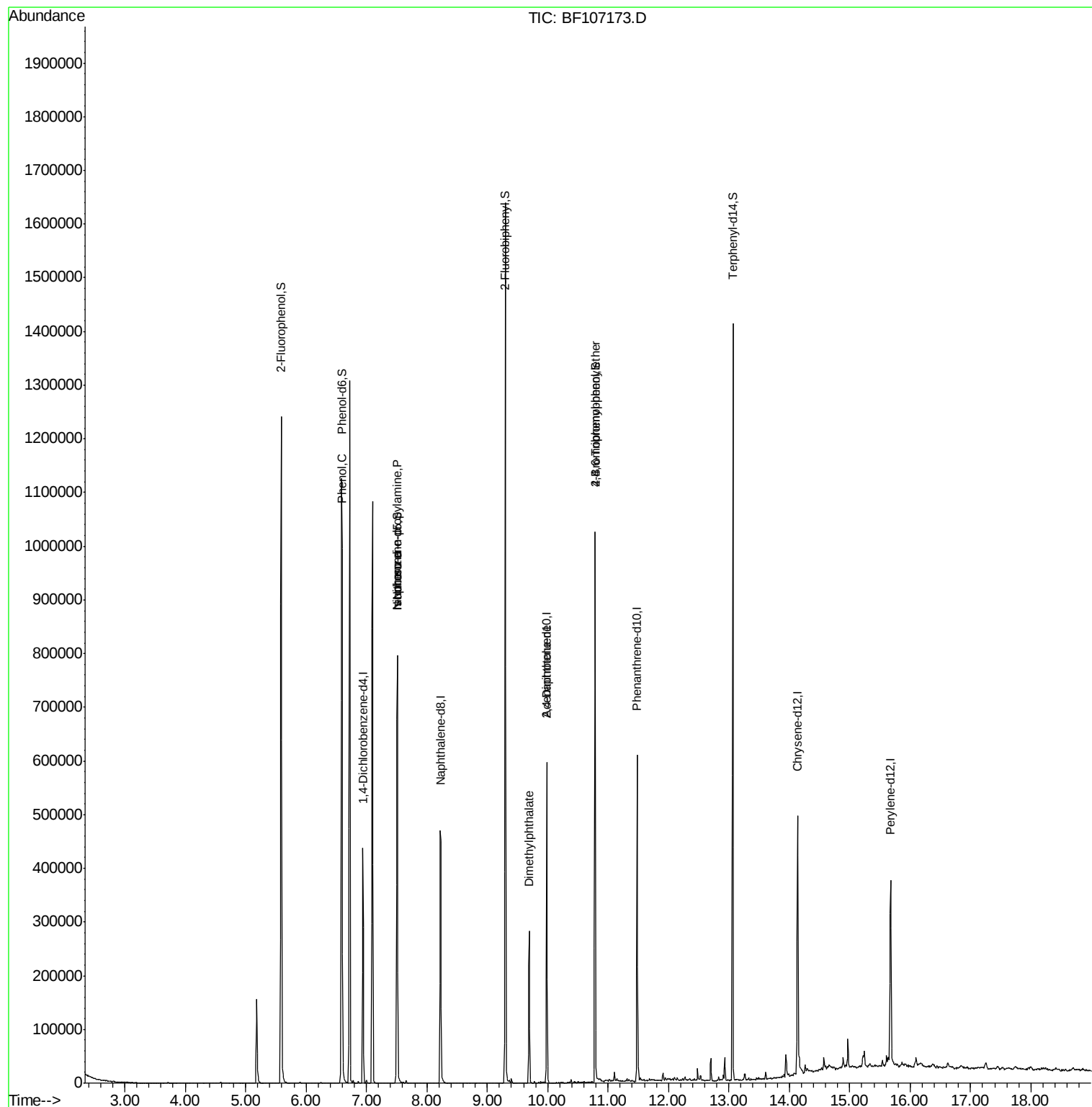
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	62249	20.00	ng	-0.02
21) Naphthalene-d8	8.22	136	251729	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	128839	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	248537	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	176536	20.00	ng	-0.03
86) Perylene-d12	15.68	264	181470	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	356712	97.03	ng	-0.01
7) Phenol-d6	6.59	99	452956	98.67	ng	-0.02
23) Nitrobenzene-d5	7.51	82	285262	62.98	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	154506	103.47	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	533272	66.92	ng	-0.02
78) Terphenyl-d14	13.07	244	543263	74.54	ng	-0.02
Target Compounds						
10) Phenol	6.60	94	10821	2.065	ng	# 75
19) n-Nitroso-di-n-propylamine	7.51	70	36962	12.214	ng	# 71
25) Isophorone	7.51	82	285258	35.738	ng	# 64
49) Dimethylphthalate	9.70	163	118860	12.300	ng	# 98
56) 2,4-Dinitrotoluene	9.98	165	16548	6.196	ng	# 21
66) 4-Bromophenyl-phenylether	10.78	248	9321	3.142	ng	# 1

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

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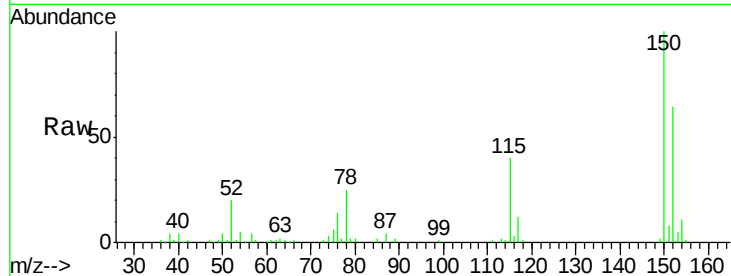


#1

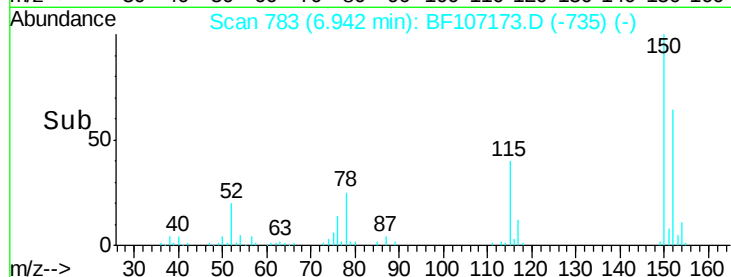
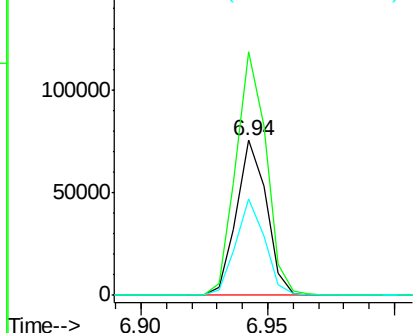
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107173.D
Acq: 6 Jul 2018 15:26

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-005-A

Tgt Ion:152 Resp: 62249
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 62.2 50.1 75.1



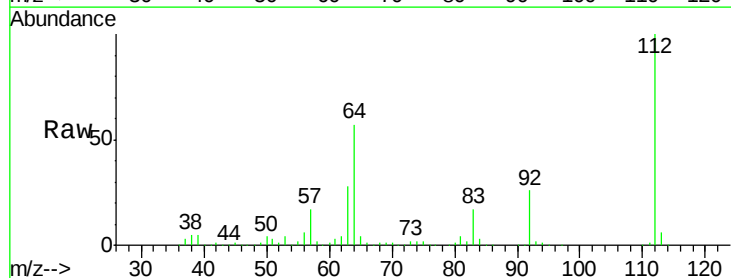
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



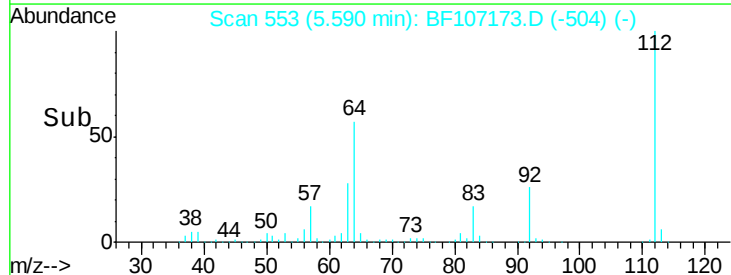
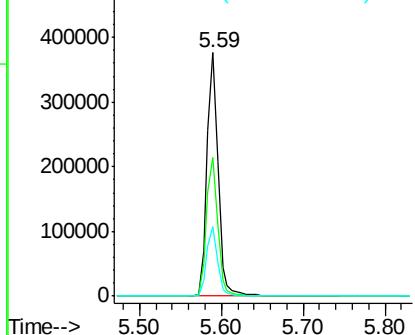
#5

2-Fluorophenol
Concen: 97.034 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107173.D
Acq: 6 Jul 2018 15:26

Tgt Ion:112 Resp: 356712
Ion Ratio Lower Upper
112 100
64 57.2 47.9 71.9
63 28.5 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: 98.666 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107173.D

Acq: 6 Jul 2018 15:26

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-005-A

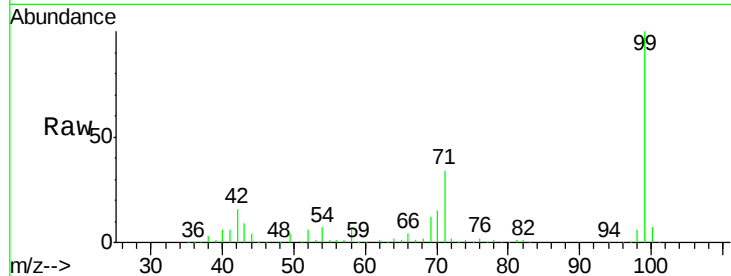
Tgt Ion: 99 Resp: 452956

Ion Ratio Lower Upper

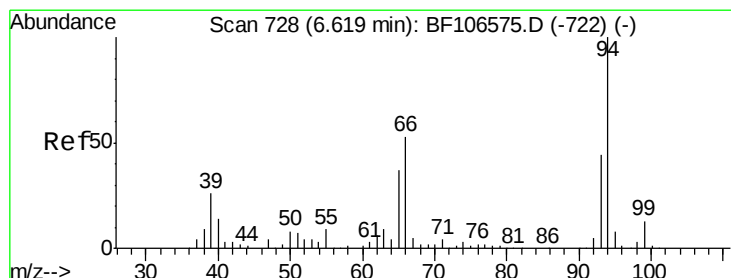
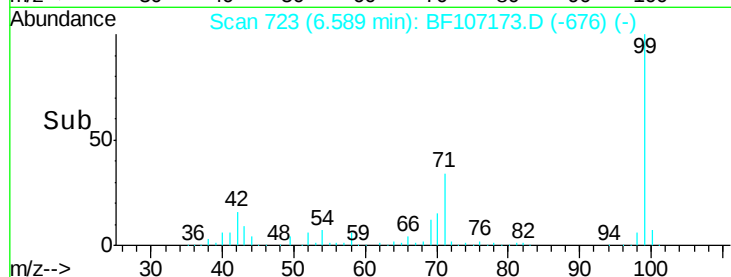
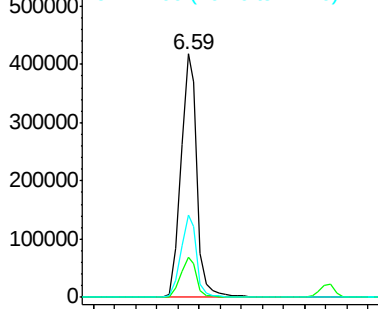
99 100

42 16.4 14.5 21.7

71 33.9 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



#10

Phenol

Concen: 2.065 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF107173.D

Acq: 6 Jul 2018 15:26

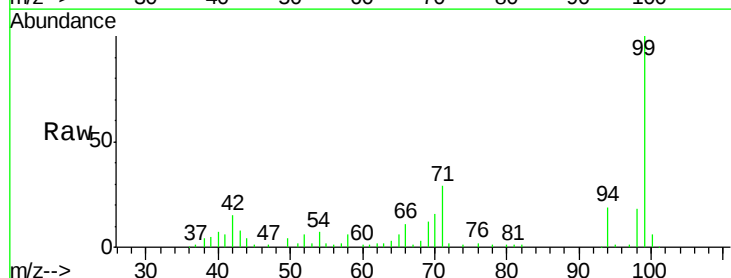
Tgt Ion: 94 Resp: 10821

Ion Ratio Lower Upper

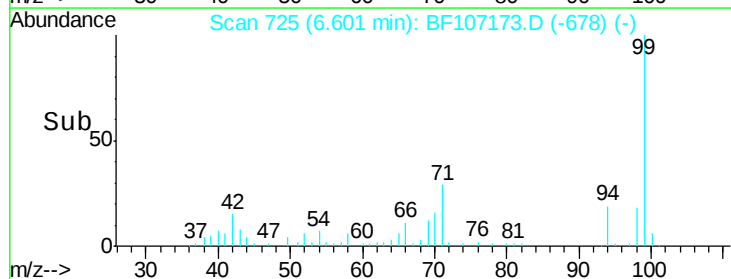
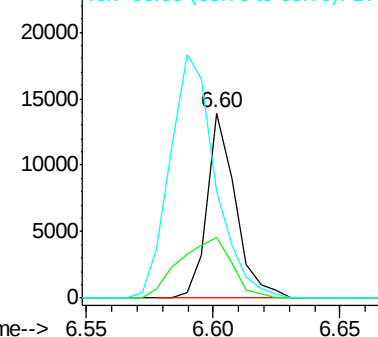
94 100

65 32.8 7.9 47.9

66 58.0 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

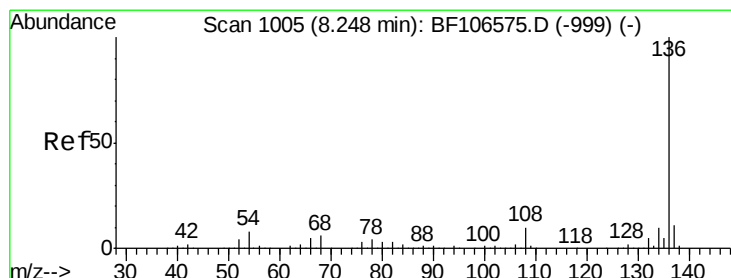
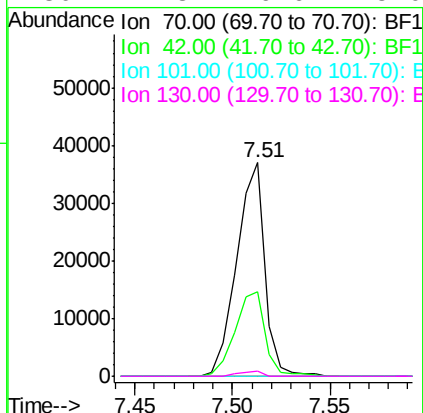
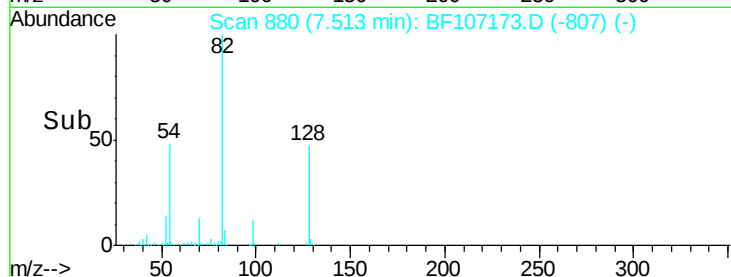
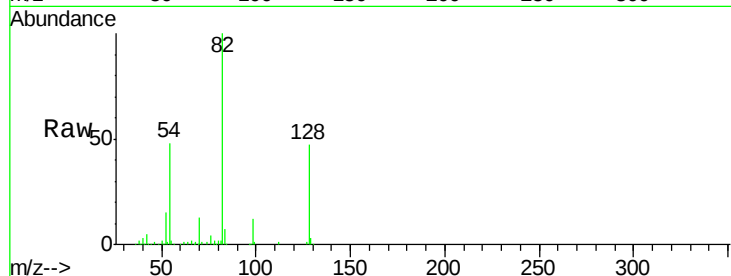




#19
n-Nitroso-di-n-propylamine
Concen: 12.214 ng
RT: 7.51 min Scan# 880
Delta R.T. 0.13 min
Lab File: BF107173.D
Acq: 6 Jul 2018 15:26

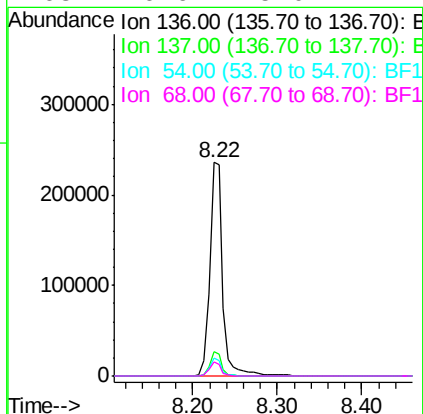
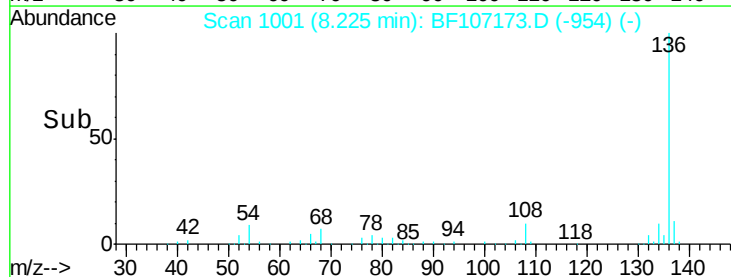
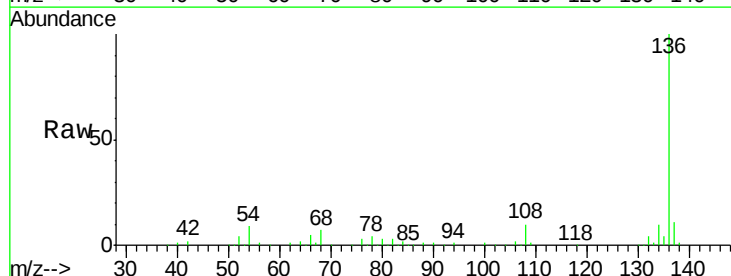
Instrument :
BNA_F
ClientSampleId :
FK-GF-03-005-A

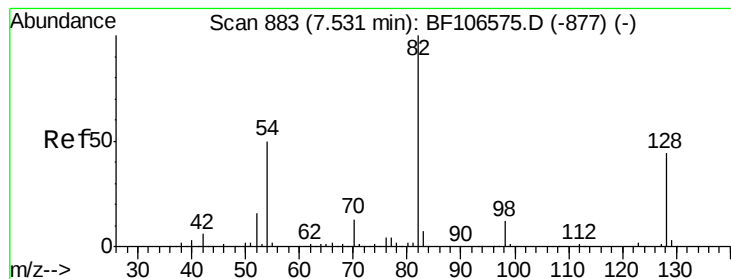
Tgt Ion: 70 Resp: 36962
Ion Ratio Lower Upper
70 100
42 39.5 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF107173.D
Acq: 6 Jul 2018 15:26

Tgt Ion: 136 Resp: 251729
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.6 6.6 9.8
68 6.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 62.977 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF107173.D

Acq: 6 Jul 2018 15:26

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-005-A

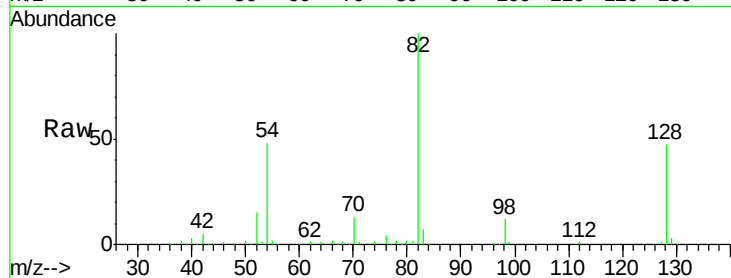
Tgt Ion: 82 Resp: 285262

Ion Ratio Lower Upper

82 100

128 47.3 36.1 54.1

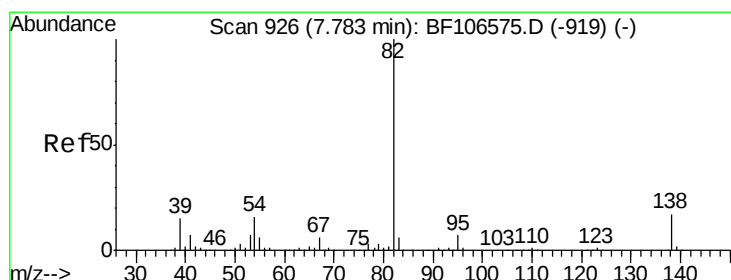
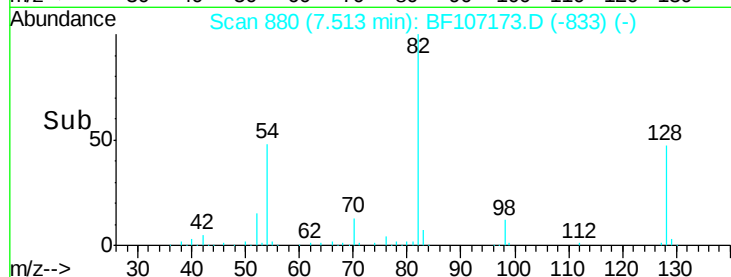
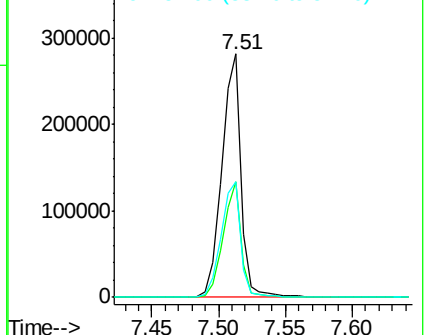
54 47.7 41.4 62.2



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: 35.738 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF107173.D

Acq: 6 Jul 2018 15:26

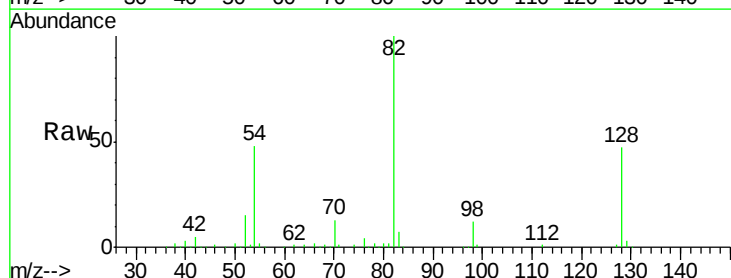
Tgt Ion: 82 Resp: 285258

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

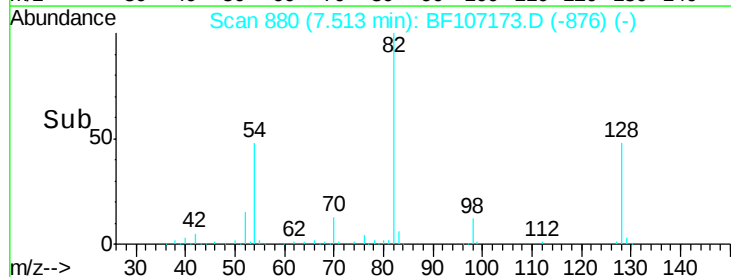
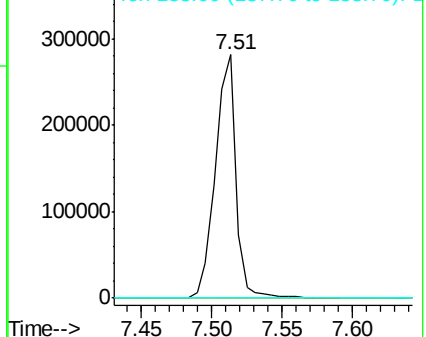
138 0.0 14.9 22.3#

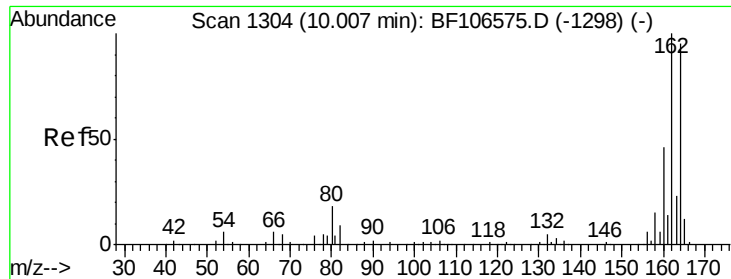


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

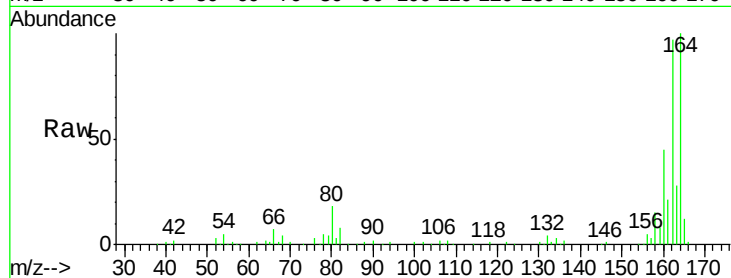




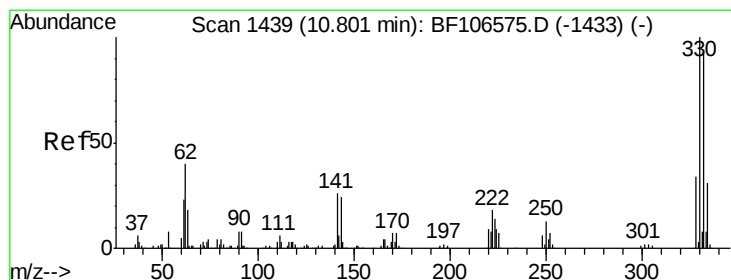
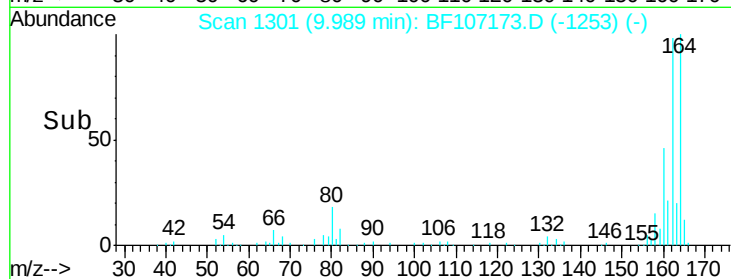
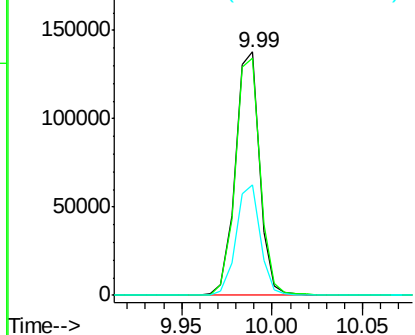
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF107173.D
 Acq: 6 Jul 2018 15:26

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-005-A

Tgt Ion:164 Resp: 128839
 Ion Ratio Lower Upper
 164 100
 162 97.4 86.1 129.1
 160 45.2 38.3 57.5

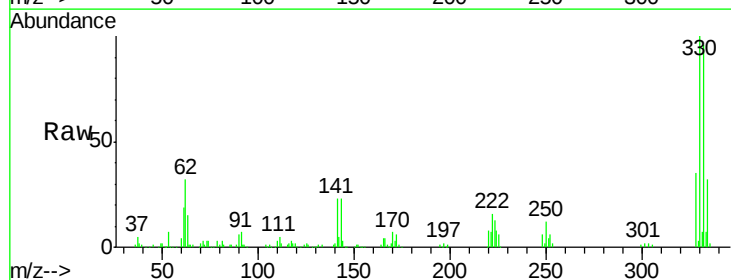


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

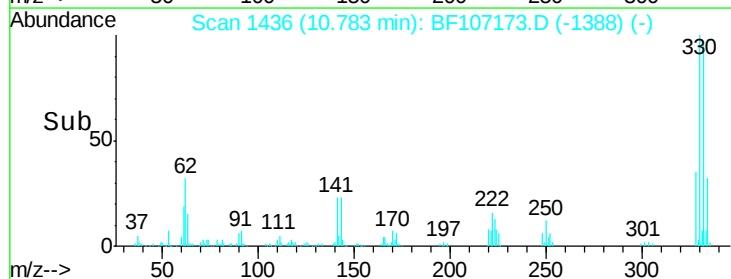
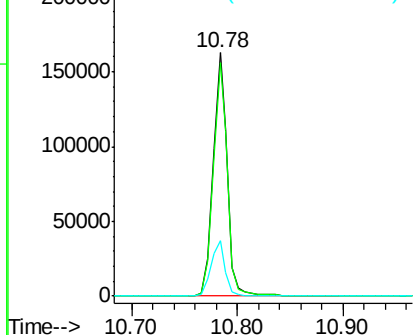


#41
 2,4,6-Tribromophenol
 Concen: 103.468 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107173.D
 Acq: 6 Jul 2018 15:26

Tgt Ion:330 Resp: 154506
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 22.7 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

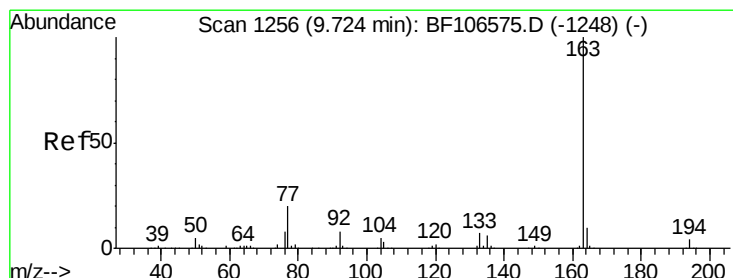
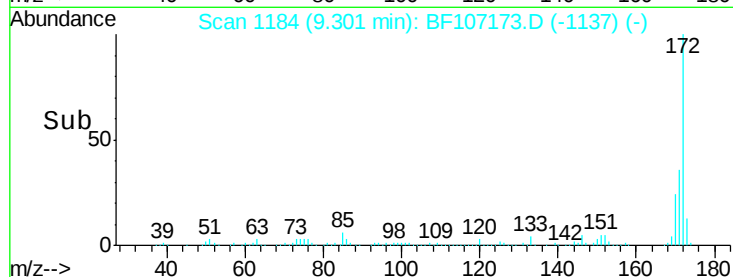
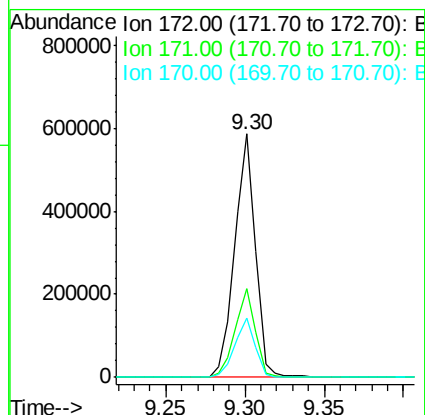
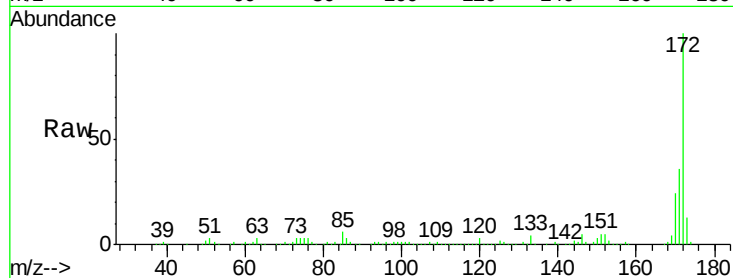




#44
2-Fluorobiphenyl
Concen: 66.921 ng
RT: 9.30 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF107173.D
Acq: 6 Jul 2018 15:26

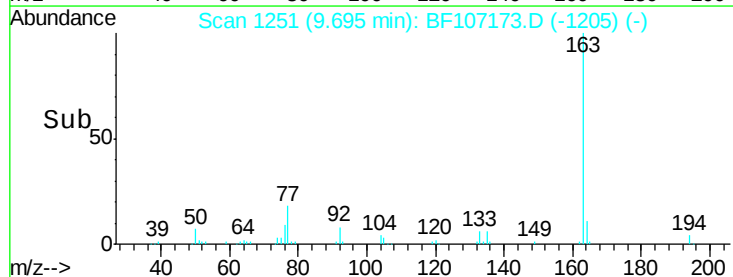
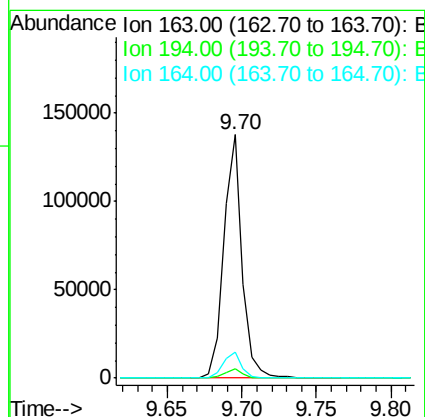
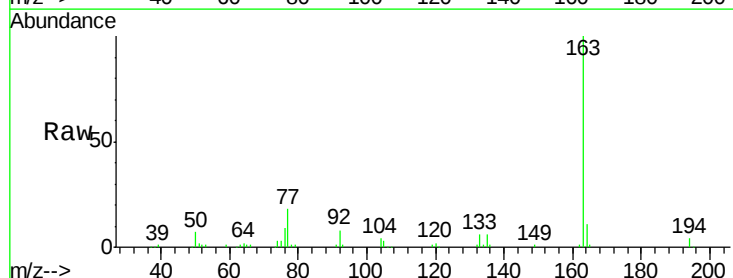
Instrument :
BNA_F
ClientSampleId :
FK-GF-03-005-A

Tgt Ion:172 Resp: 533272
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.2 19.6 29.4



#49
Dimethylphthalate
Concen: 12.300 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107173.D
Acq: 6 Jul 2018 15:26

Tgt Ion:163 Resp: 118860
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.9 8.2 12.2

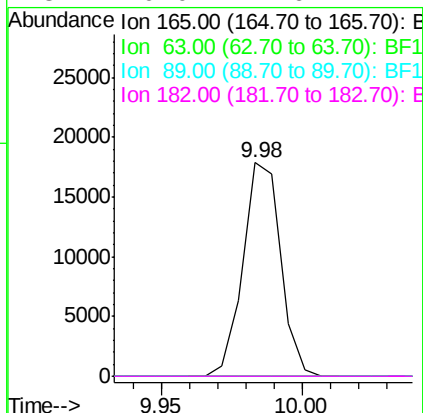
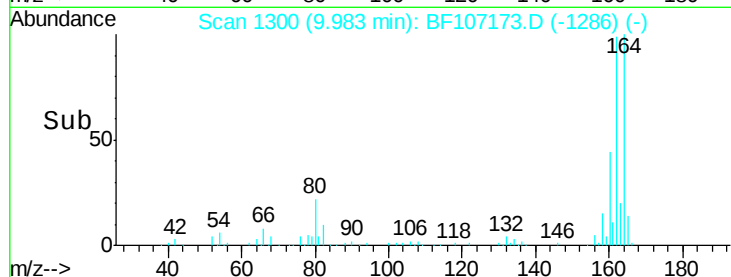
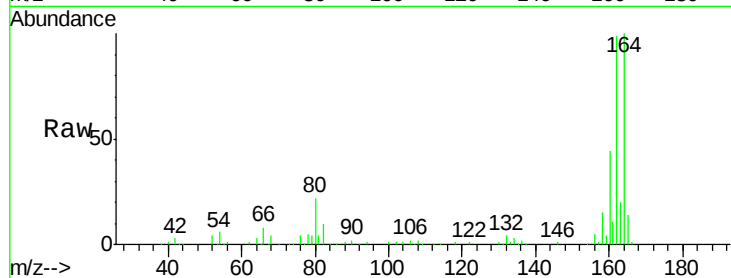




#56
2,4-Dinitrotoluene
Concen: 6.196 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.22 min
Lab File: BF107173.D
Acq: 6 Jul 2018 15:26

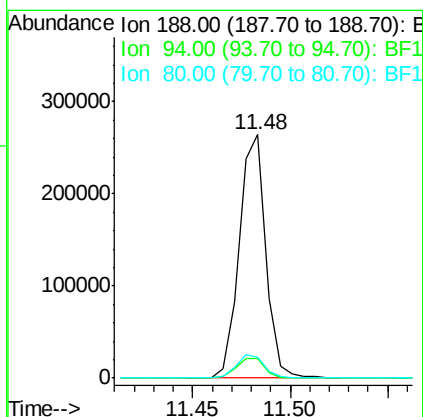
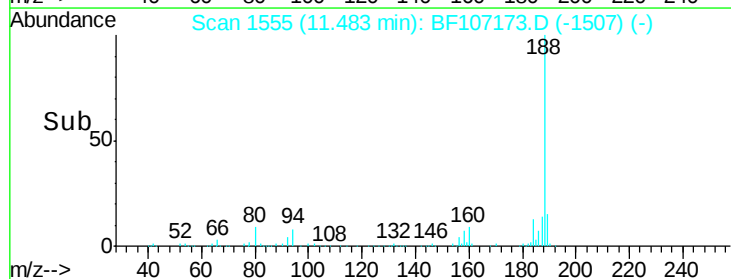
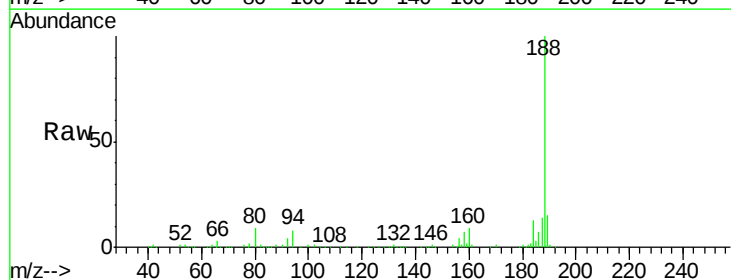
Instrument :
BNA_F
ClientSampleId :
FK-GF-03-005-A

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#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107173.D
Acq: 6 Jul 2018 15:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.5	12.7#
80	8.7	9.2	13.8#

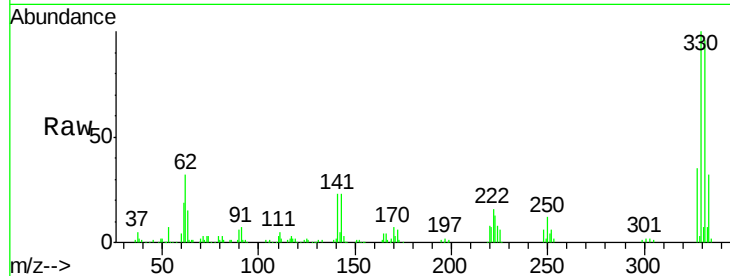




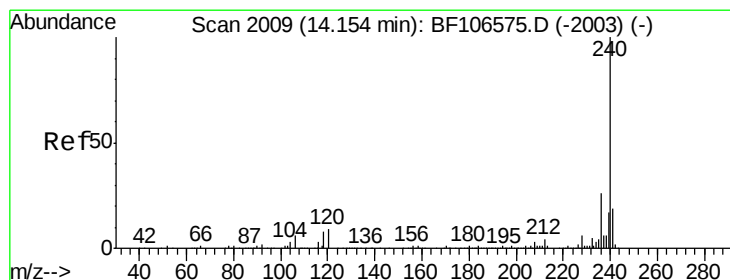
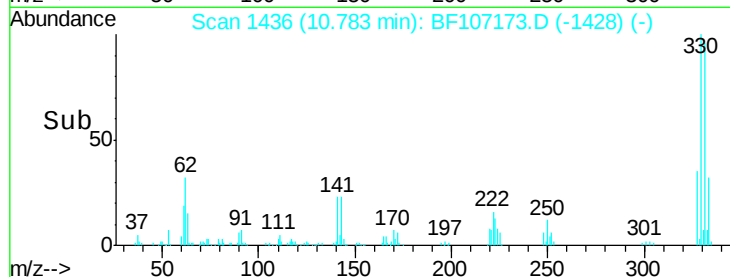
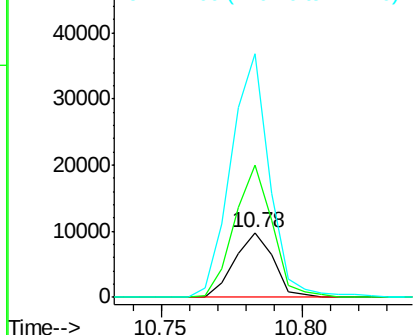
#66
 4-Bromophenyl-phenylether
 Concen: 3.142 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.25 min
 Lab File: BF107173.D
 Acq: 6 Jul 2018 15:26

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-005-A

Tgt Ion:248 Resp: 9321
 Ion Ratio Lower Upper
 248 100
 250 203.9 76.9 115.3#
 141 376.2 74.4 111.6#

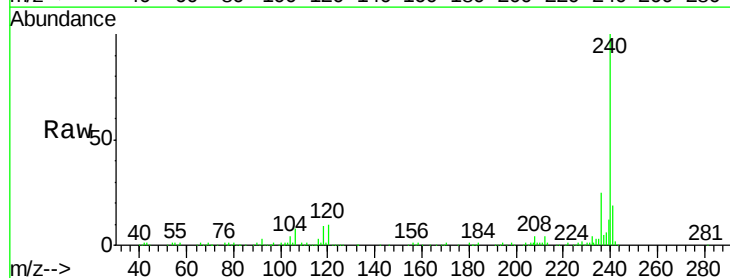


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

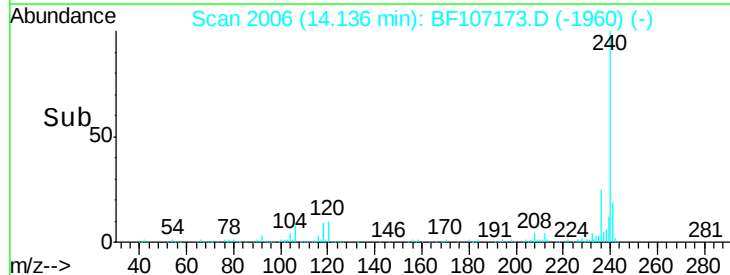
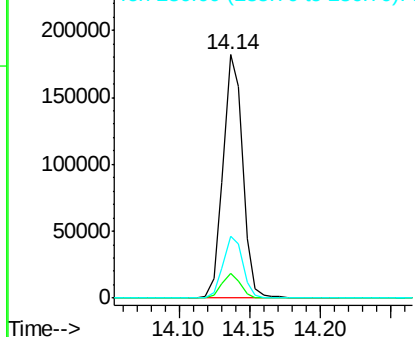


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.03 min
 Lab File: BF107173.D
 Acq: 6 Jul 2018 15:26

Tgt Ion:240 Resp: 176536
 Ion Ratio Lower Upper
 240 100
 120 10.1 9.5 14.3
 236 25.4 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

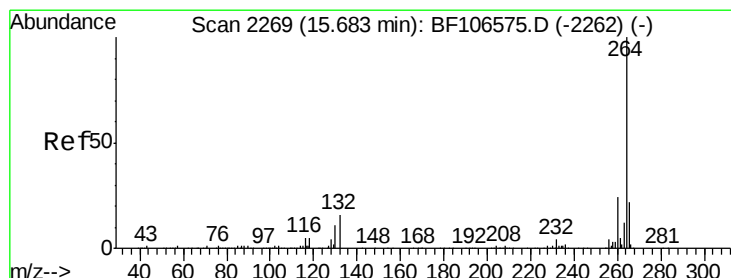
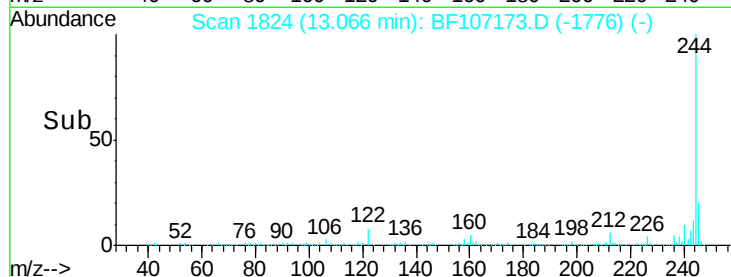
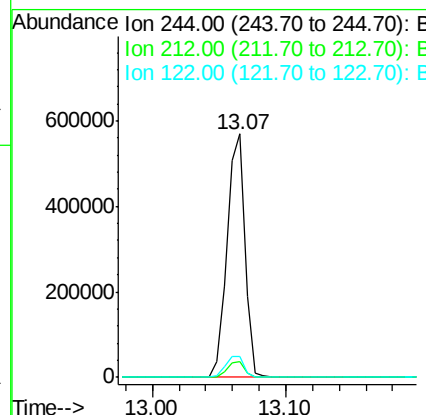
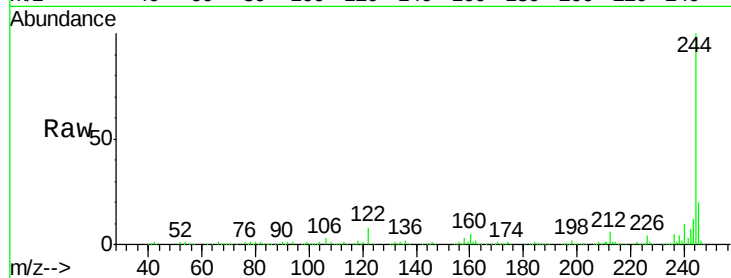




#78
 Terphenyl-d14
 Concen: 74.543 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF107173.D
 Acq: 6 Jul 2018 15:26

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-005-A

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	8.4	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: BF107173.D
 Acq: 6 Jul 2018 15:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.0	17.5	26.3

