

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
 Data File : BF107157.D
 Acq On : 6 Jul 2018 7:19
 Operator : JU/SJ
 Sample : J3851-04
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 06 08:14:37 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

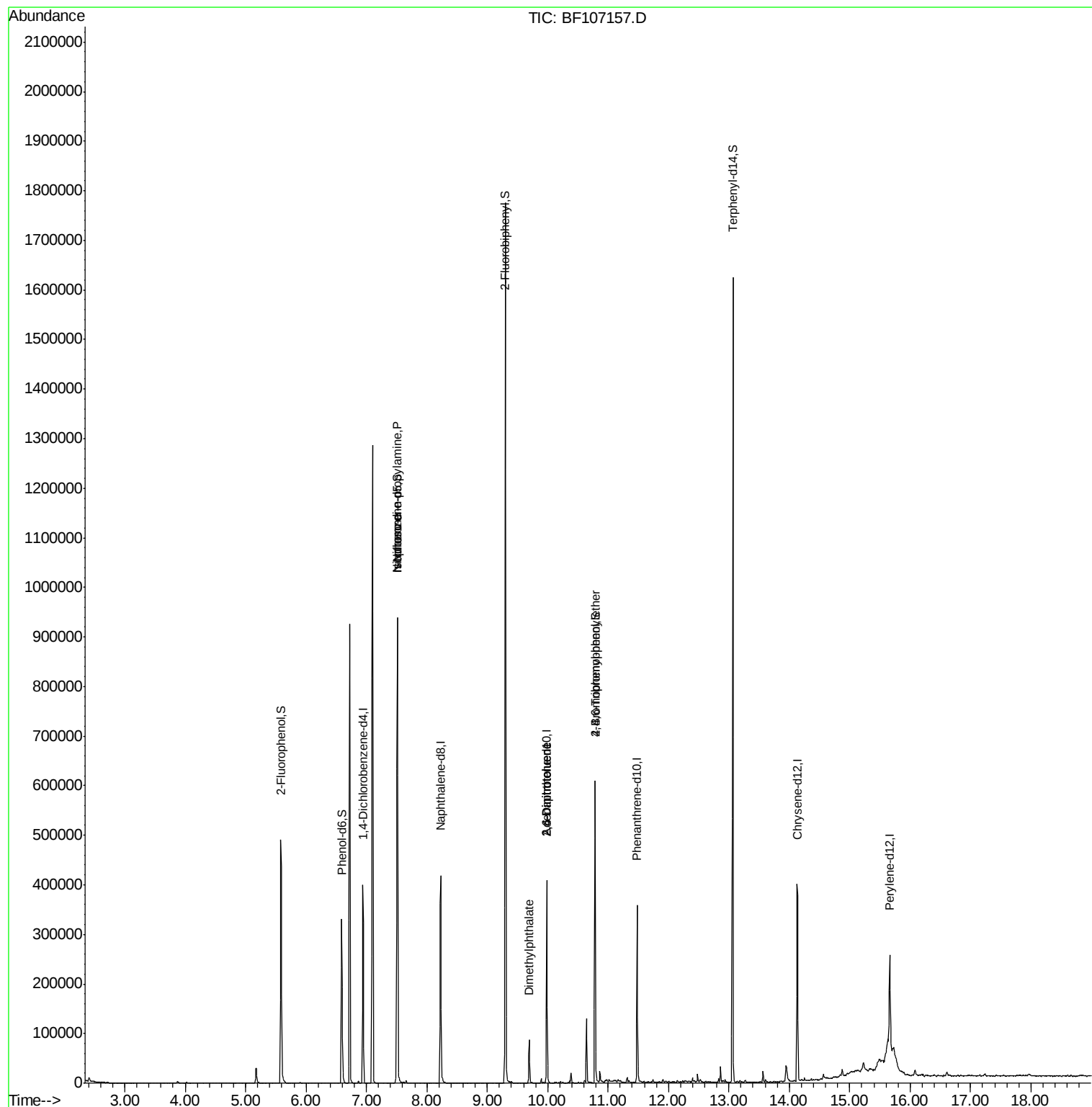
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	59920	20.00	ng	-0.02
21) Naphthalene-d8	8.23	136	213323	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	93039	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	155377	20.00	ng	-0.02
75) Chrysene-d12	14.13	240	159471	20.00	ng	-0.04
86) Perylene-d12	15.67	264	109021	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	155310	43.89	ng	-0.02
7) Phenol-d6	6.59	99	125146	28.32	ng	-0.02
23) Nitrobenzene-d5	7.51	82	346503	90.27	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	90642	84.06	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	610768	116.60	ng	-0.02
78) Terphenyl-d14	13.07	244	603509	91.67	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	44957	15.434	ng	# 71
25) Isophorone	7.51	82	346498	51.226	ng	# 64
49) Dimethylphthalate	9.70	163	39281	5.629	ng	# 98
50) 2,6-Dinitrotoluene	9.98	165	11532	7.804	ng	# 24
56) 2,4-Dinitrotoluene	9.98	165	11532	5.979	ng	# 21
66) 4-Bromophenyl-phenylether	10.78	248	5568	3.003	ng	# 1

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

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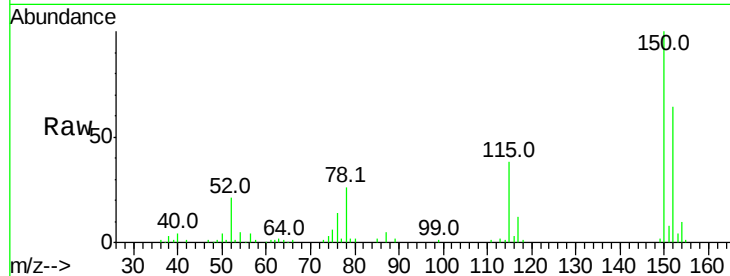


#1

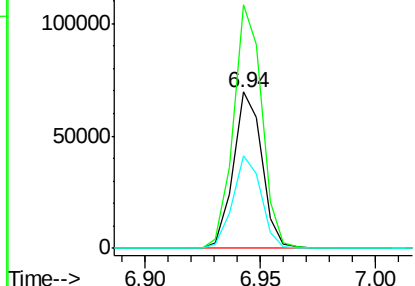
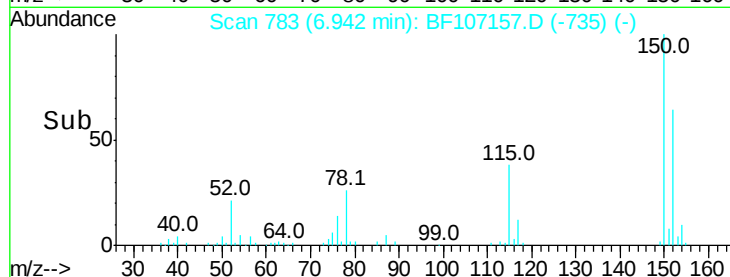
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107157.D
Acq: 6 Jul 2018 7:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	186.8
115	59.6	50.1	75.1



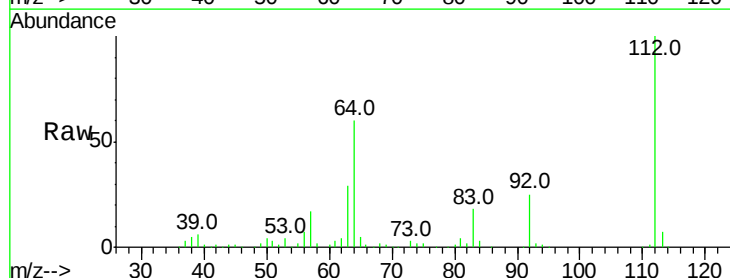
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



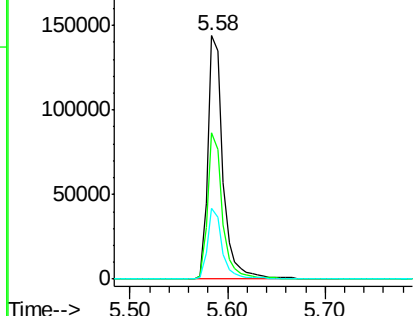
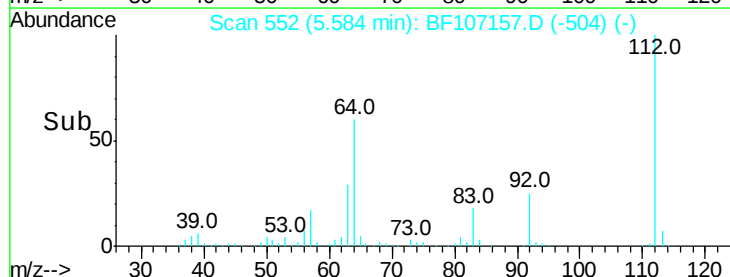
#5

2-Fluorophenol
Concen: 43.890 ng
RT: 5.58 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF107157.D
Acq: 6 Jul 2018 7:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	47.9	71.9
63	29.3	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: 28.320 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107157.D

Acq: 6 Jul 2018 7:19

Instrument :

BNA_F

ClientSampleId :

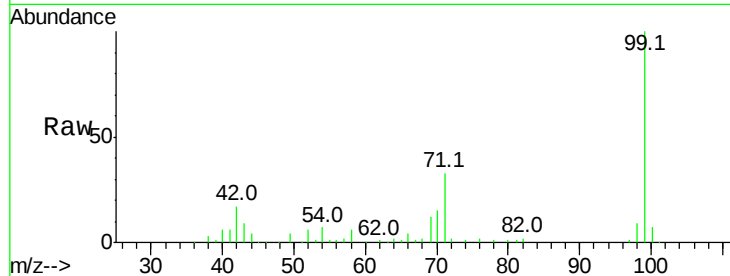
Tot Ion: 99 Resp: 125146

Ion Ratio Lower Upper

99 100

42 16.8 14.5 21.7

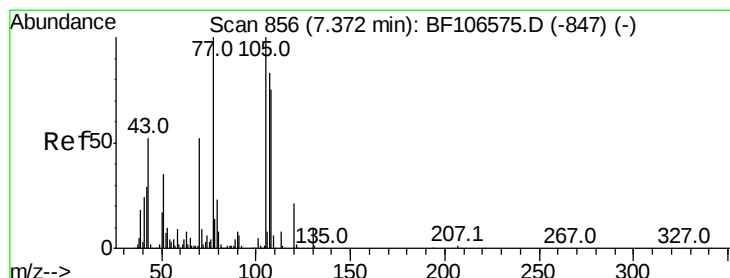
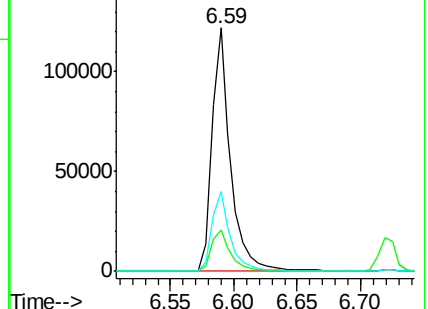
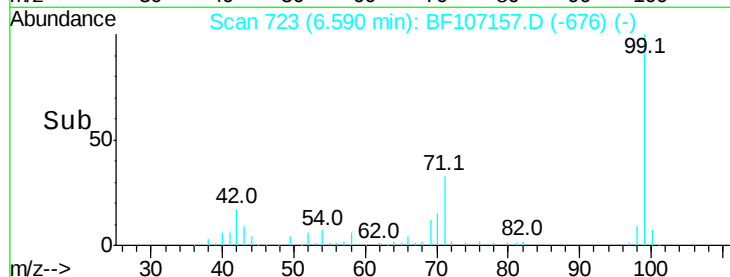
71 32.9 25.4 38.0



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: 15.434 ng

RT: 7.51 min Scan# 880

Delta R.T. 0.13 min

Lab File: BF107157.D

Acq: 6 Jul 2018 7:19

Tgt Ion: 70 Resp: 44957

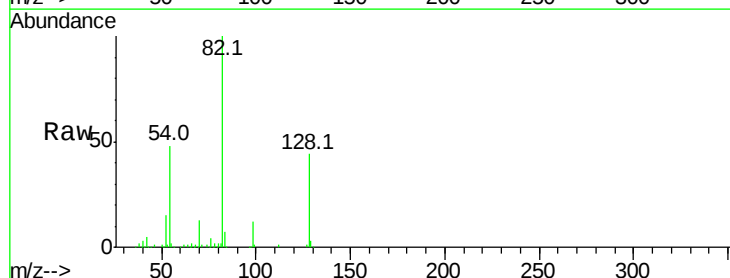
Ion Ratio Lower Upper

70 100

42 40.2 47.5 71.3#

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

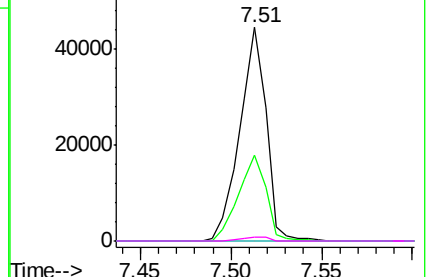
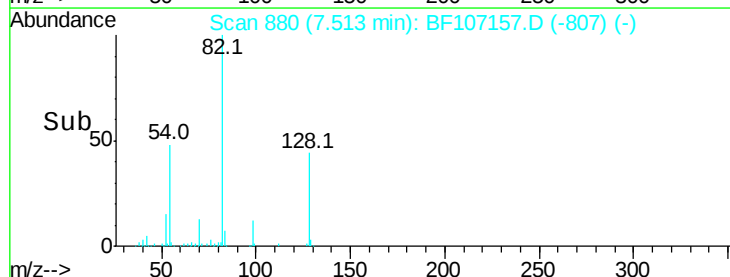


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.23 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF107157.D

Acq: 6 Jul 2018 7:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 213323

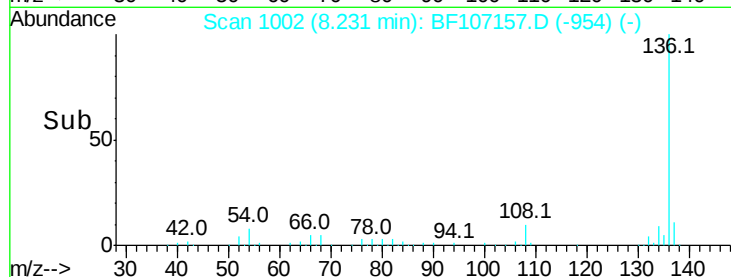
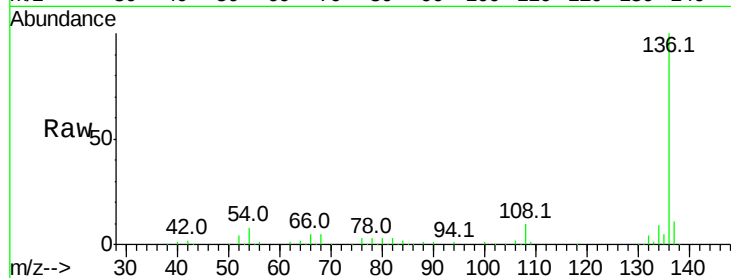
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.7 6.6 9.8

68 5.5 5.0 7.4

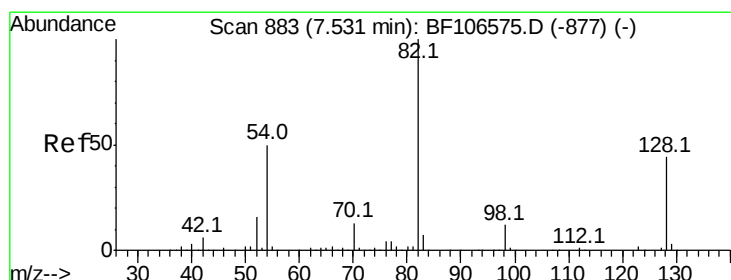
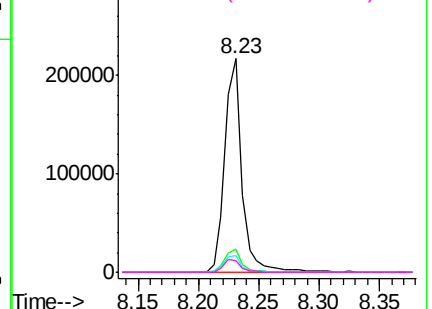


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.269 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF107157.D

Acq: 6 Jul 2018 7:19

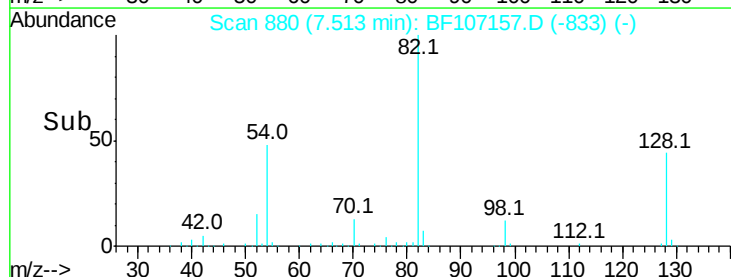
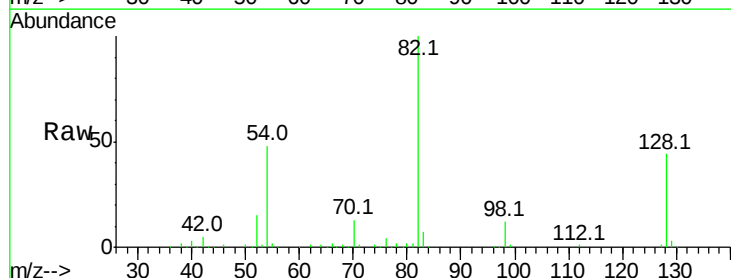
Tgt Ion: 82 Resp: 346503

Ion Ratio Lower Upper

82 100

128 43.9 36.1 54.1

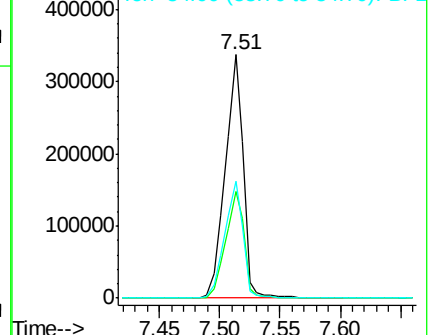
54 48.1 41.4 62.2

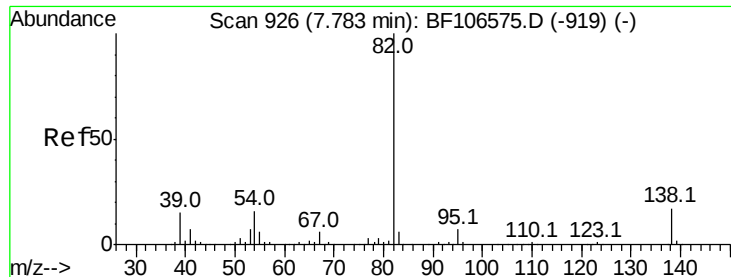


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

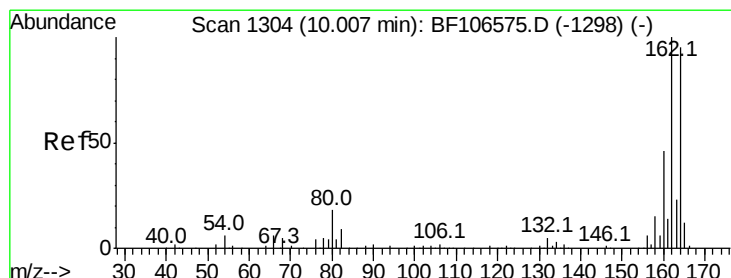
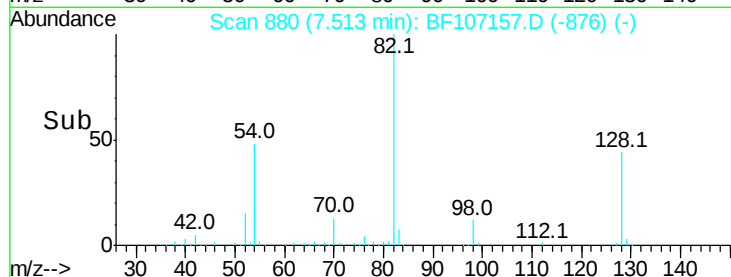
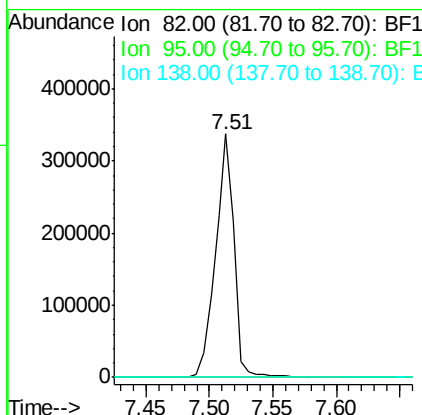
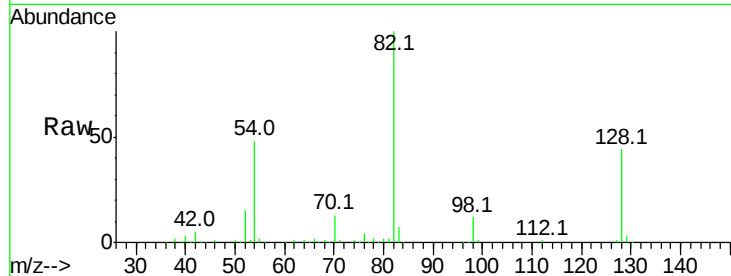




#25
Isophorone
Concen: 51.226 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF107157.D
Acq: 6 Jul 2018 7:19

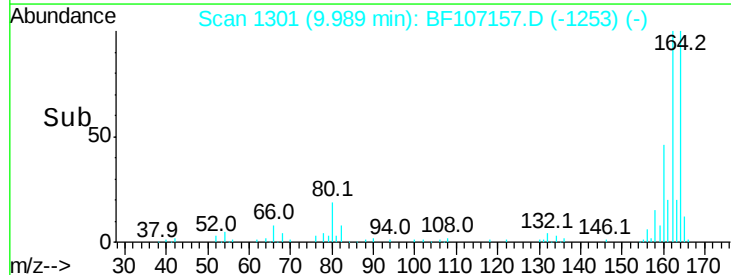
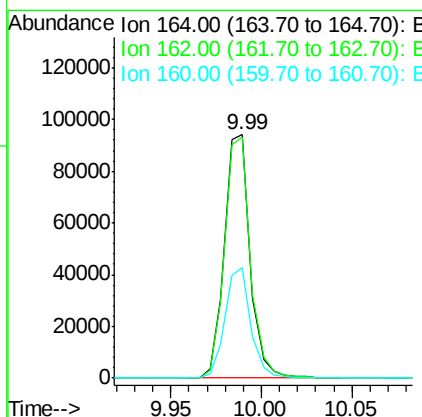
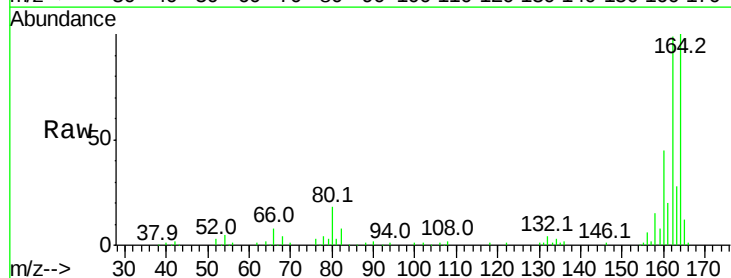
Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 346498
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107157.D
Acq: 6 Jul 2018 7:19

Tgt Ion:164 Resp: 93039
Ion Ratio Lower Upper
164 100
162 99.1 86.1 129.1
160 45.2 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 84.056 ng

RT: 10.78 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BF107157.D

Acq: 6 Jul 2018 7:19

Instrument :

BNA_F

ClientSampled :

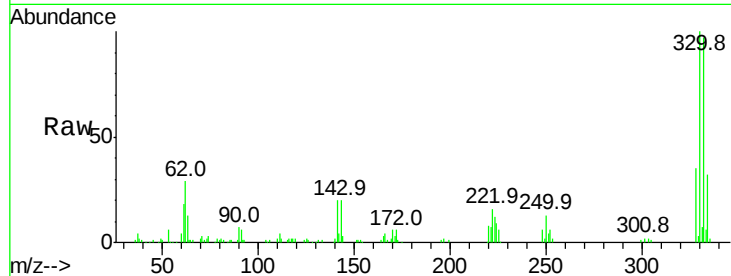
Tot Ion:330 Resp: 90642

Ion Ratio Lower Upper

330 100

332 97.7 77.0 115.6

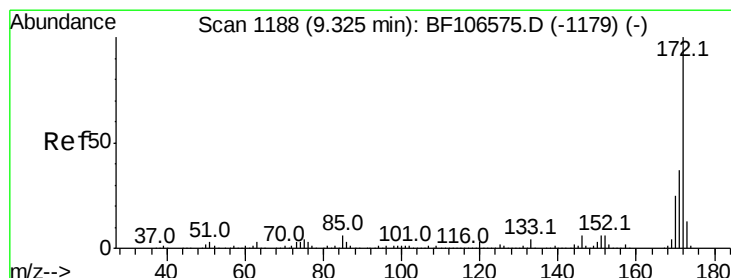
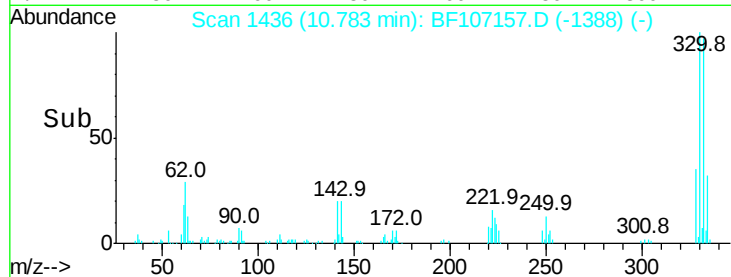
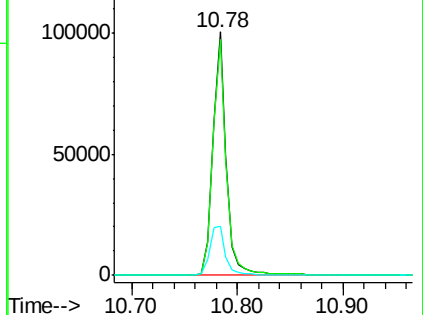
141 23.4 29.9 44.9#



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: 116.599 ng

RT: 9.30 min Scan# 1184

Delta R.T. -0.02 min

Lab File: BF107157.D

Acq: 6 Jul 2018 7:19

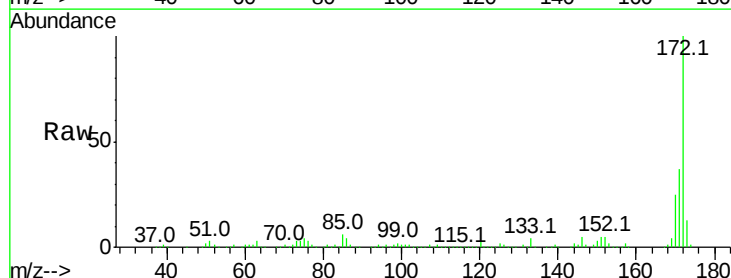
Tgt Ion:172 Resp: 610768

Ion Ratio Lower Upper

172 100

171 36.6 29.7 44.5

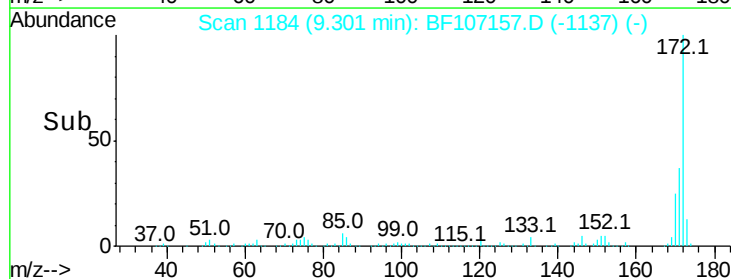
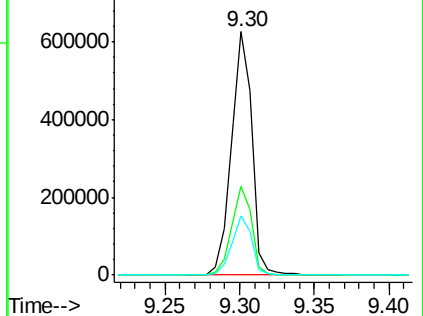
170 24.6 19.6 29.4

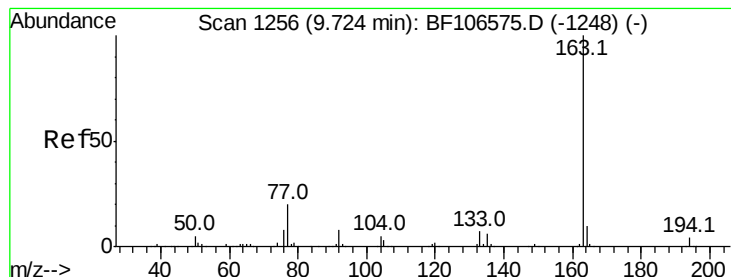


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 5.629 ng

RT: 9.70 min Scan# 1251

Delta R.T. -0.03 min

Lab File: BF107157.D

Acq: 6 Jul 2018 7:19

Instrument :

BNA_F

ClientSampleId :

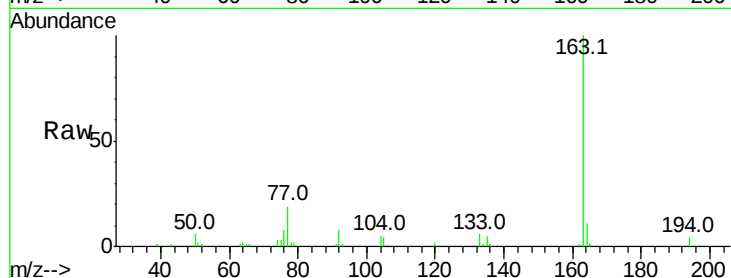
Tot Ion:163 Resp: 39281

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

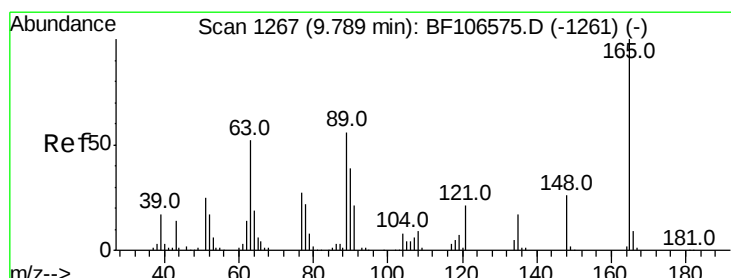
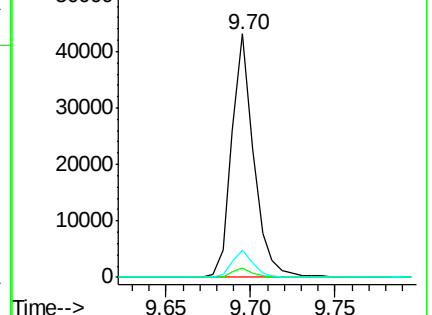
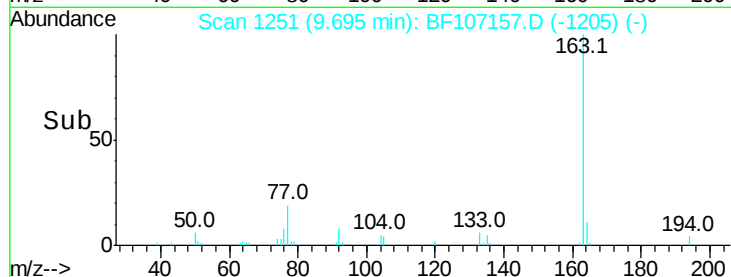
164 11.1 8.2 12.2



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: 7.804 ng

RT: 9.98 min Scan# 1300

Delta R.T. 0.19 min

Lab File: BF107157.D

Acq: 6 Jul 2018 7:19

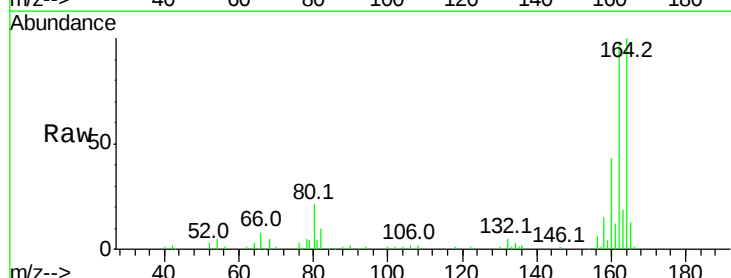
Tgt Ion:165 Resp: 11532

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

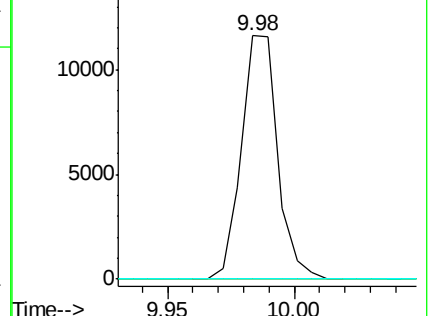
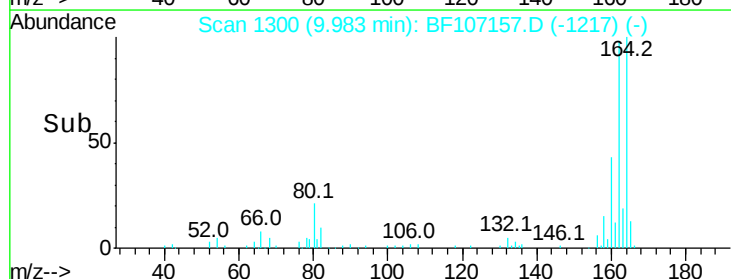
89 0.0 44.0 66.0#



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

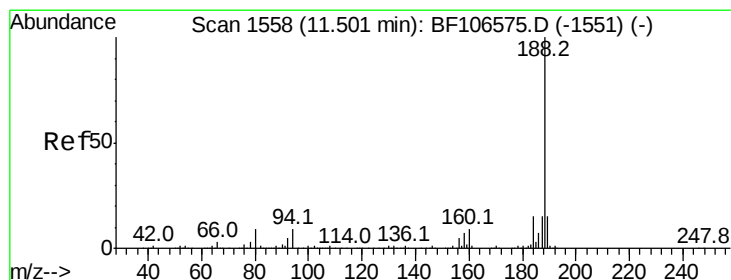
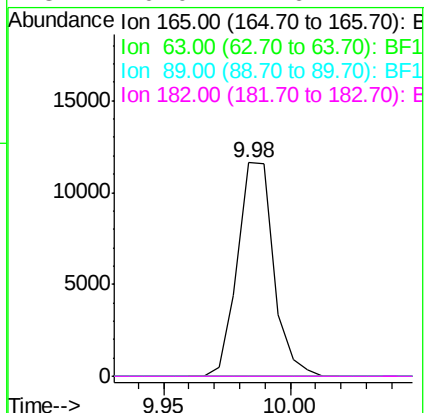
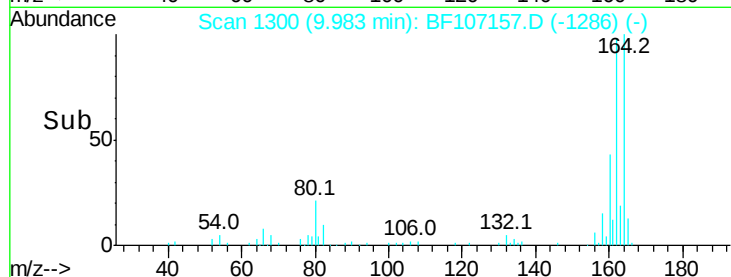
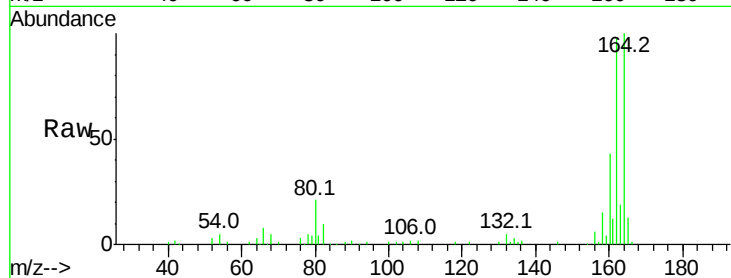




#56
 2,4-Dinitrotoluene
 Concen: 5.979 ng
 RT: 9.98 min Scan# 1300
 Delta R.T. -0.22 min
 Lab File: BF107157.D
 Acq: 6 Jul 2018 7:19

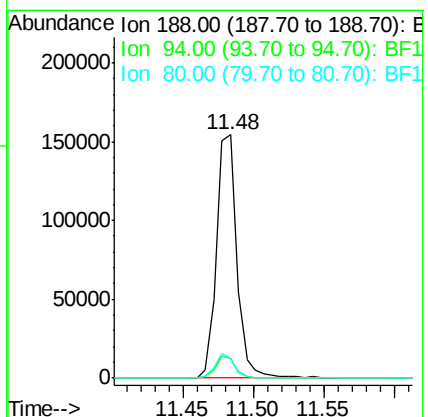
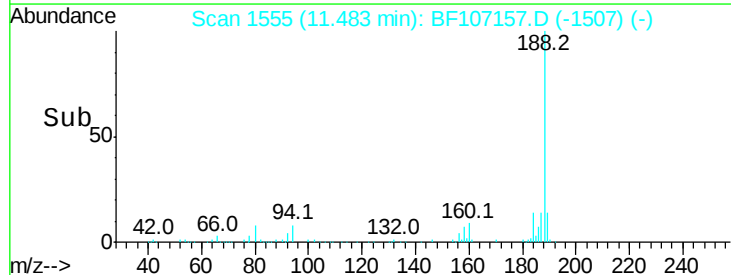
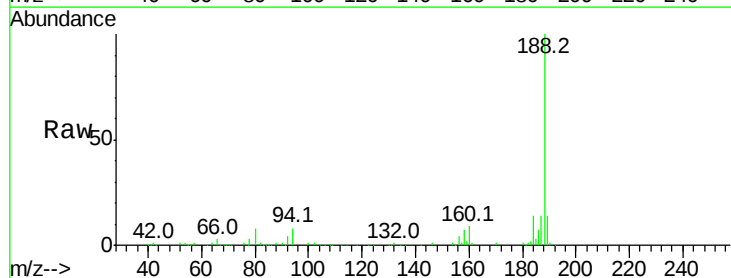
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 11532
 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: BF107157.D
 Acq: 6 Jul 2018 7:19

Tgt Ion:188 Resp: 155377
 Ion Ratio Lower Upper
 188 100
 94 8.0 8.5 12.7#
 80 8.3 9.2 13.8#

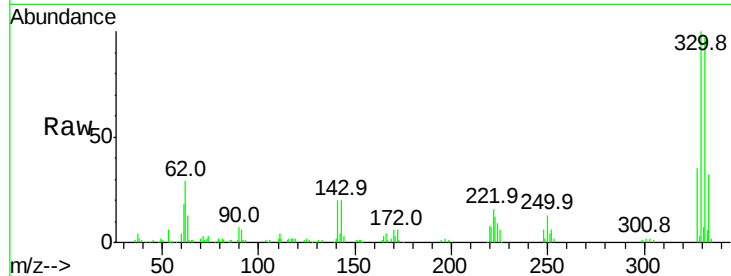




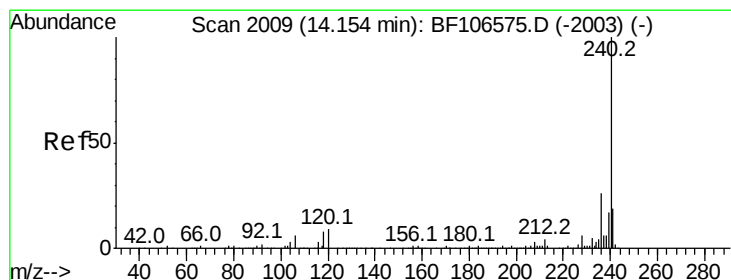
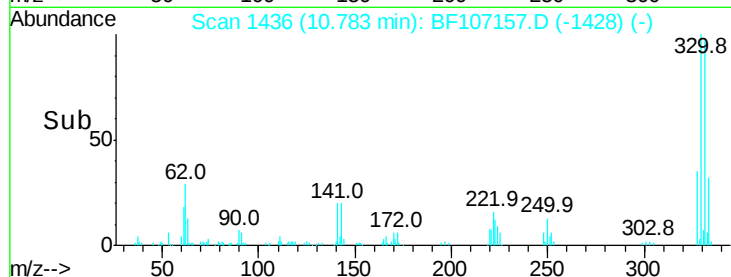
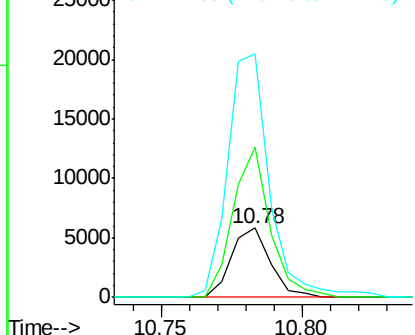
#66
4-Bromophenyl-phenylether
Concen: 3.003 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.25 min
Lab File: BF107157.D
Acq: 6 Jul 2018 7:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 5568
Ion Ratio Lower Upper
248 100
250 217.2 76.9 115.3#
141 353.3 74.4 111.6#

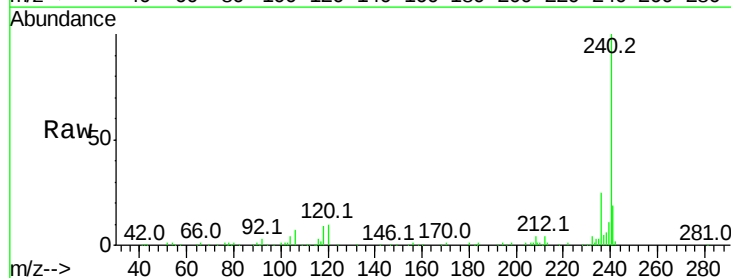


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

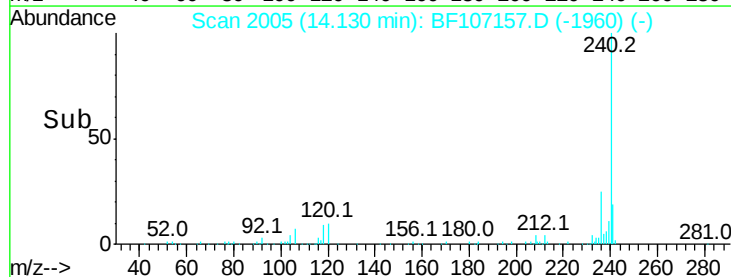
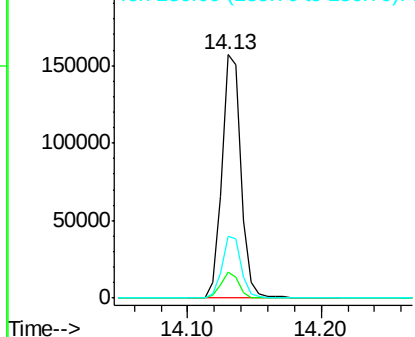


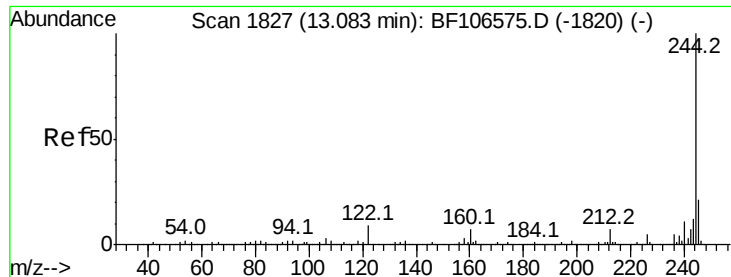
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.04 min
Lab File: BF107157.D
Acq: 6 Jul 2018 7:19

Tgt Ion:240 Resp: 159471
Ion Ratio Lower Upper
240 100
120 10.5 9.5 14.3
236 25.2 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

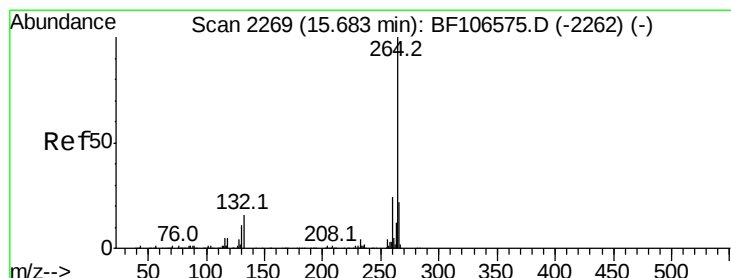
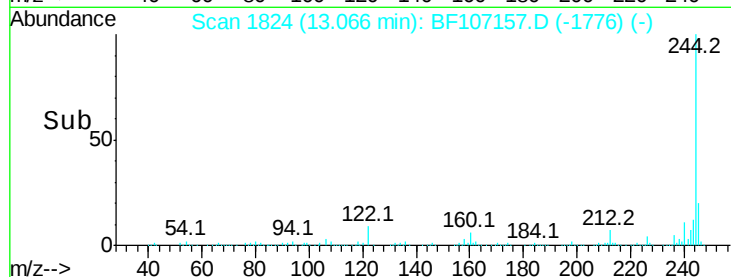
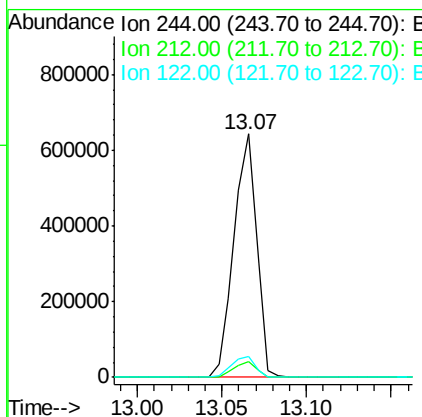
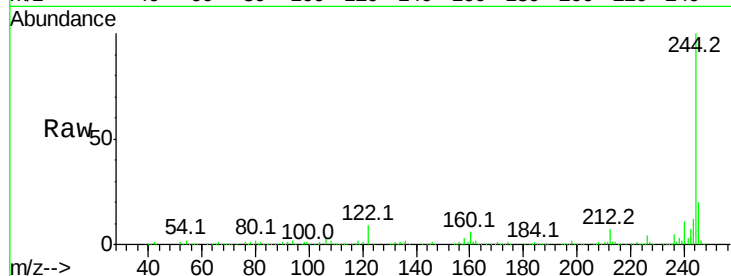




#78
 Terphenyl-d14
 Concen: 91.671 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF107157.D
 Acq: 6 Jul 2018 7:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 603509
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 8.6 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2266
 Delta R.T. -0.05 min
 Lab File: BF107157.D
 Acq: 6 Jul 2018 7:19

Tgt Ion:264 Resp: 109021
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.2 28.8
 265 21.3 17.5 26.3

