

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071218\
 Data File : BF107333.D
 Acq On : 12 Jul 2018 12:45
 Operator : JU/SJ
 Sample : PB110986BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110986BL

Quant Time: Jul 12 15:12:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 11 16:39:37 2018
 Response via : Initial Calibration

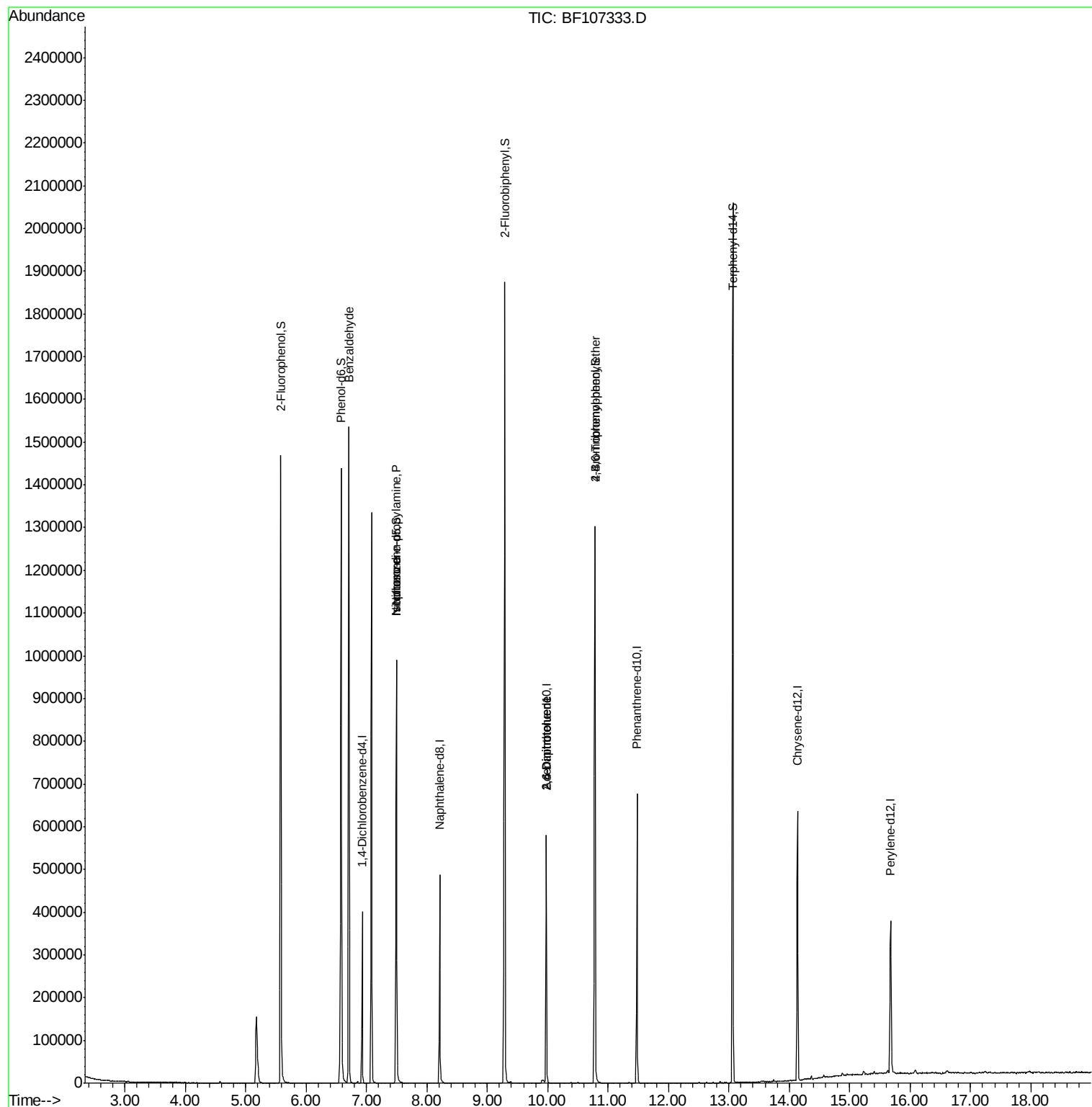
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	62098	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	237336	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	127543	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	277173	20.00	ng	0.00
75) Chrysene-d12	14.14	240	230395	20.00	ng	0.00
86) Perylene-d12	15.68	264	199155	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	506749	138.18	ng	0.02
7) Phenol-d6	6.58	99	631797	137.96	ng	0.00
23) Nitrobenzene-d5	7.50	82	424381	99.37	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	232910	157.56	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	771927	106.11	ng	0.00
78) Terphenyl-d14	13.07	244	981242	103.16	ng	0.00
Target Compounds						
9) Benzaldehyde	6.71	77	10836	2.800	ng	89
19) n-Nitroso-di-n-propylamine	7.50	70	54521	18.061	ng	# 72
25) Isophorone	7.50	82	424376	56.391	ng	# 64
50) 2,6-Dinitrotoluene	9.98	165	15956	7.877	ng	# 24
56) 2,4-Dinitrotoluene	9.98	165	15956	6.035	ng	# 21
66) 4-Bromophenyl-phenylether	10.78	248	13891	4.199	ng	# 1

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

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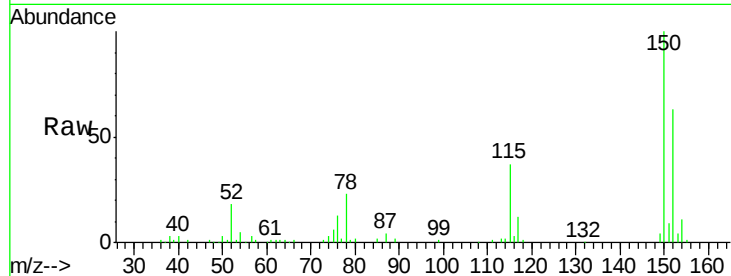


#1

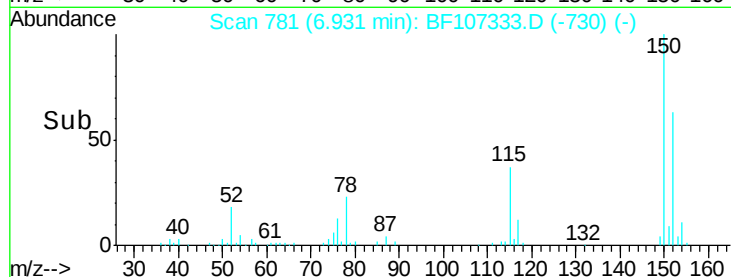
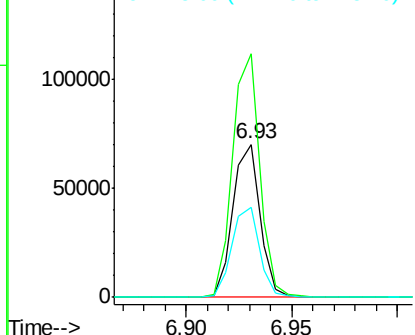
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.93 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: BF107333.D
 Acq: 12 Jul 2018 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB110986BL

Tgt Ion:152 Resp: 62098
 Ion Ratio Lower Upper
 152 100
 150 159.4 124.6 186.8
 115 59.1 50.1 75.1



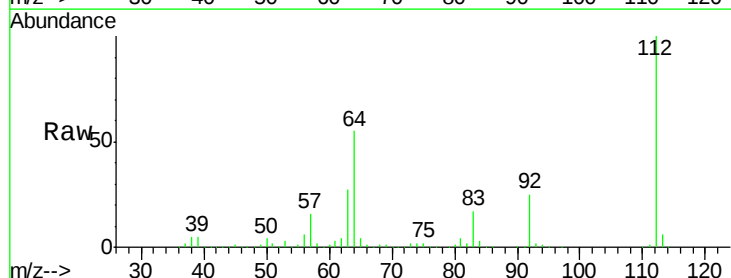
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



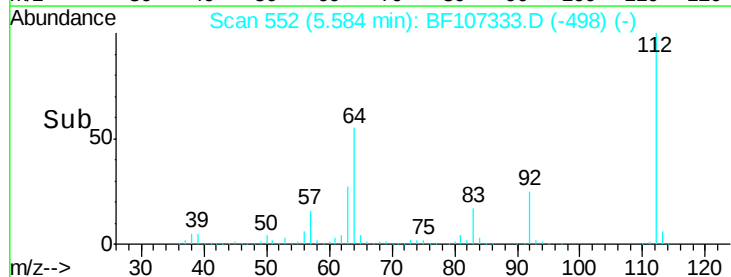
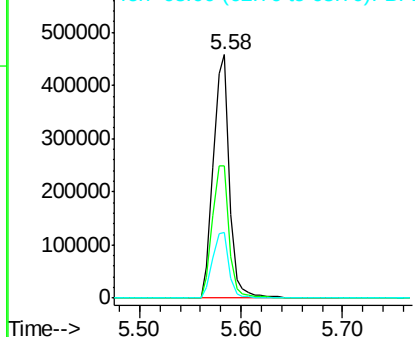
#5

2-Fluorophenol
 Concen: 138.183 ng
 RT: 5.58 min Scan# 552
 Delta R.T. 0.02 min
 Lab File: BF107333.D
 Acq: 12 Jul 2018 12:45

Tgt Ion:112 Resp: 506749
 Ion Ratio Lower Upper
 112 100
 64 54.6 47.9 71.9
 63 27.0 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: 137.957 ng

RT: 6.58 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF107333.D

Acq: 12 Jul 2018 12:45

Instrument :

BNA_F

ClientSampleId :

PB110986BL

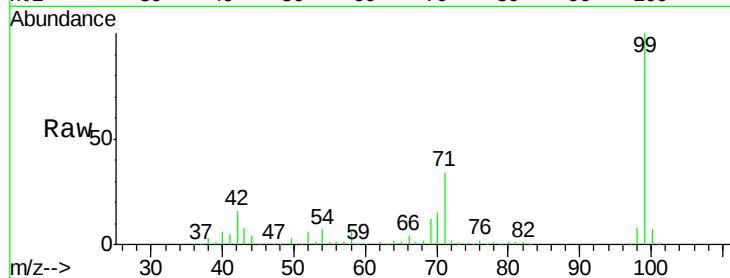
Tgt Ion: 99 Resp: 631797

Ion Ratio Lower Upper

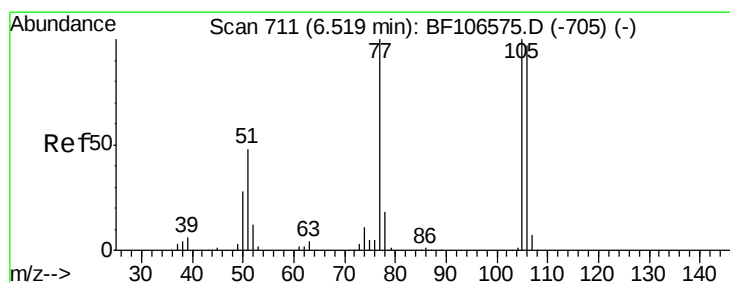
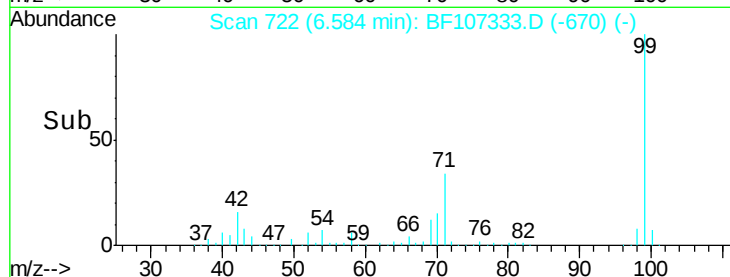
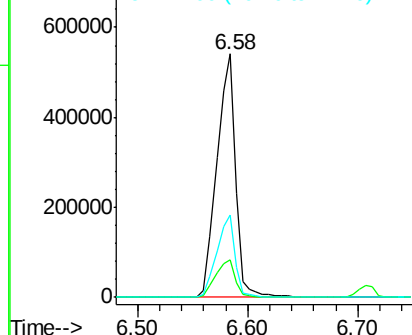
99 100

42 15.7 14.5 21.7

71 33.8 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: 2.800 ng

RT: 6.71 min Scan# 744

Delta R.T. 0.22 min

Lab File: BF107333.D

Acq: 12 Jul 2018 12:45

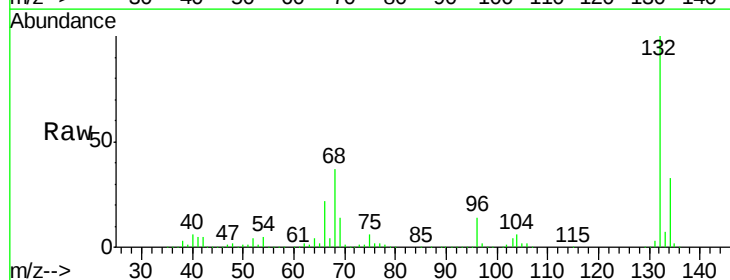
Tgt Ion: 77 Resp: 10836

Ion Ratio Lower Upper

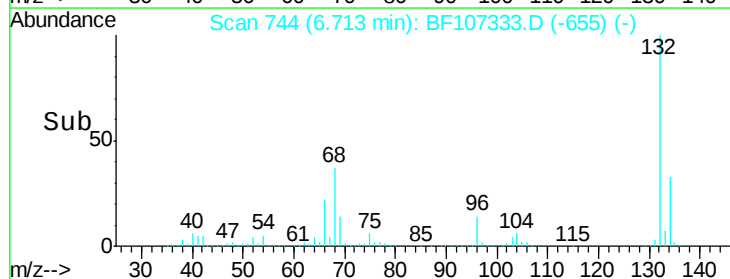
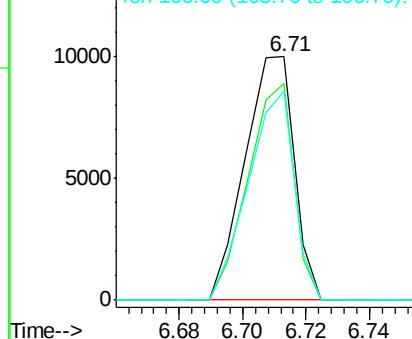
77 100

105 89.1 81.1 121.1

106 85.7 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

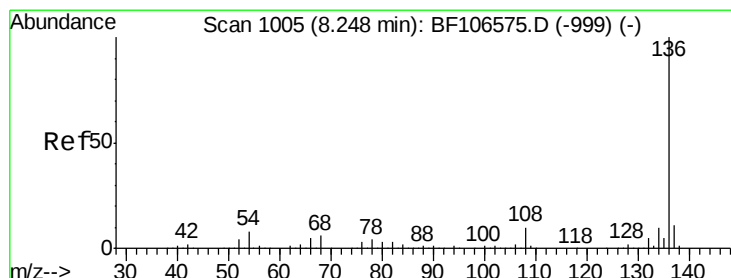
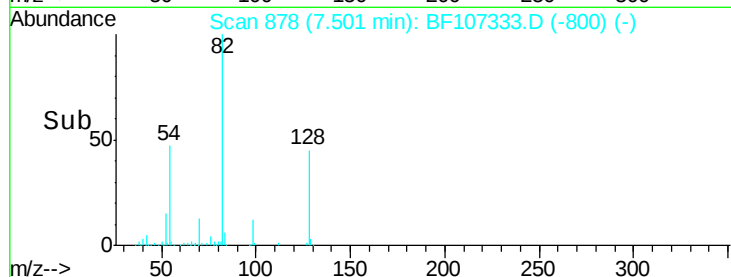
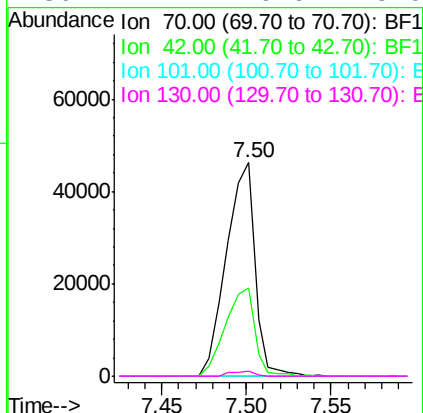
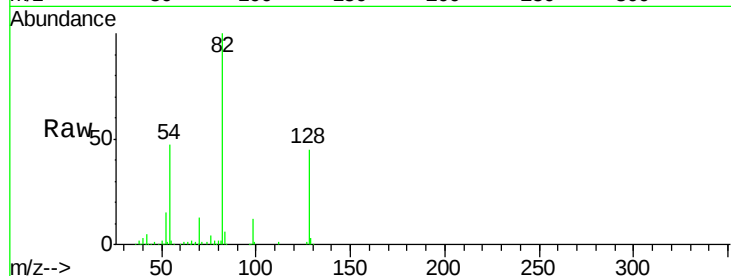




#19
n-Nitroso-di-n-propylamine
Concen: 18.061 ng
RT: 7.50 min Scan# 878
Delta R.T. 0.16 min
Lab File: BF107333.D
Acq: 12 Jul 2018 12:45

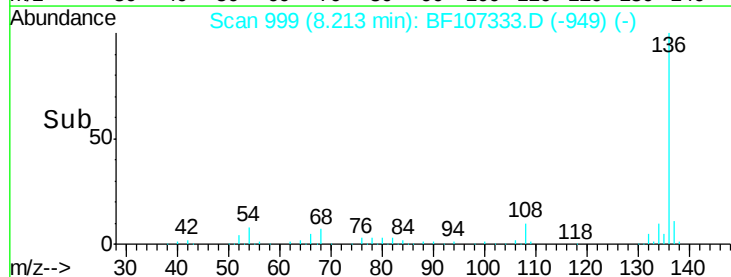
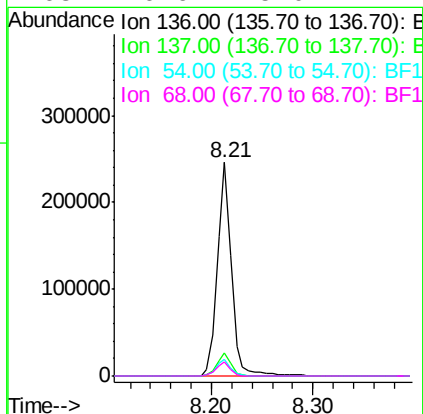
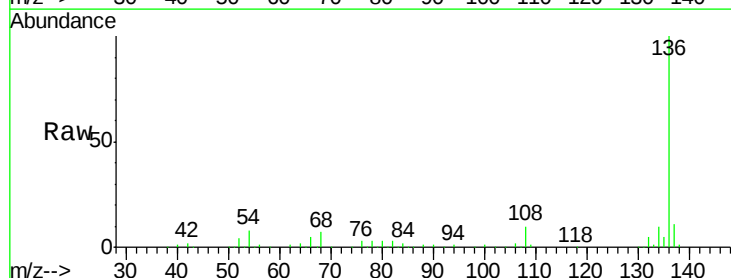
Instrument :
BNA_F
ClientSampleId :
PB110986BL

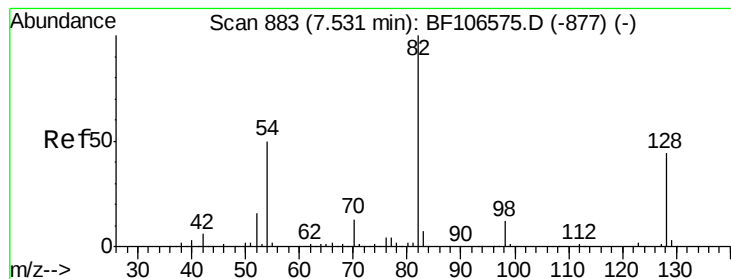
Tgt Ion: 70 Resp: 54521
Ion Ratio Lower Upper
70 100
42 41.2 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF107333.D
Acq: 12 Jul 2018 12:45

Tgt Ion: 136 Resp: 237336
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.0 6.6 9.8
68 6.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 99.371 ng

RT: 7.50 min Scan# 878

Delta R.T. -0.00 min

Lab File: BF107333.D

Acq: 12 Jul 2018 12:45

Instrument :

BNA_F

ClientSampleId :

PB110986BL

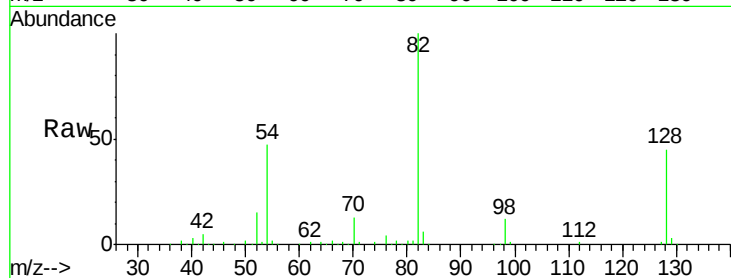
Tgt Ion: 82 Resp: 424381

Ion Ratio Lower Upper

82 100

128 45.4 36.1 54.1

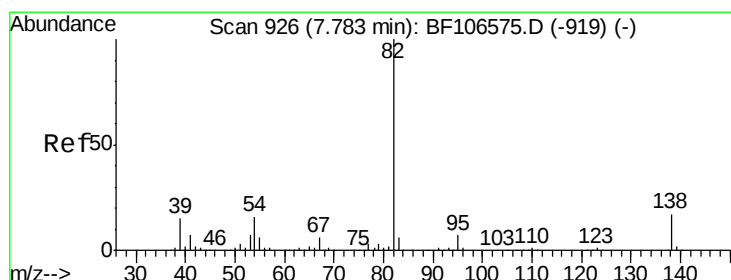
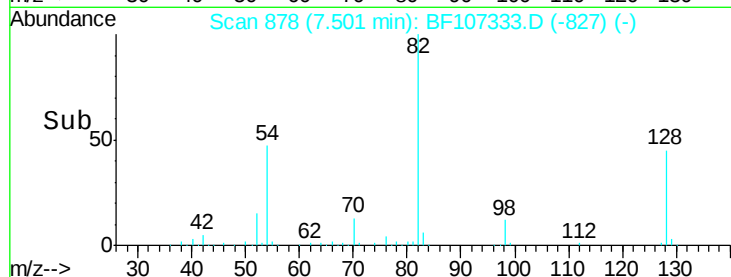
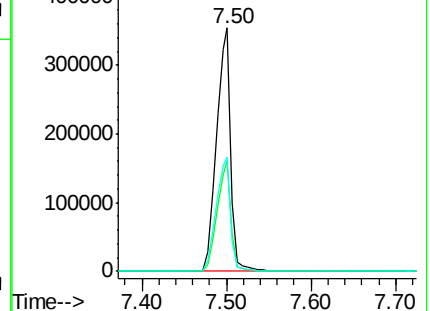
54 46.8 41.4 62.2



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: 56.391 ng

RT: 7.50 min Scan# 878

Delta R.T. -0.25 min

Lab File: BF107333.D

Acq: 12 Jul 2018 12:45

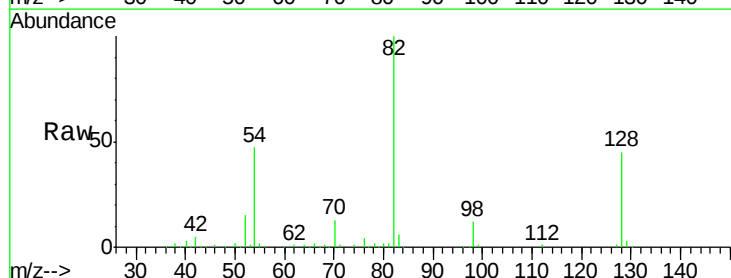
Tgt Ion: 82 Resp: 424376

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

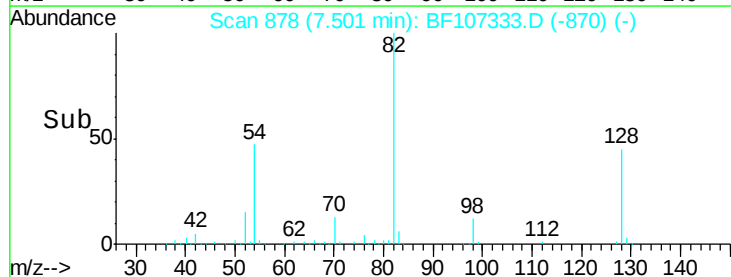
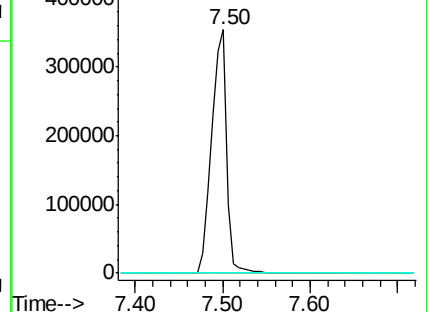
138 0.0 14.9 22.3#

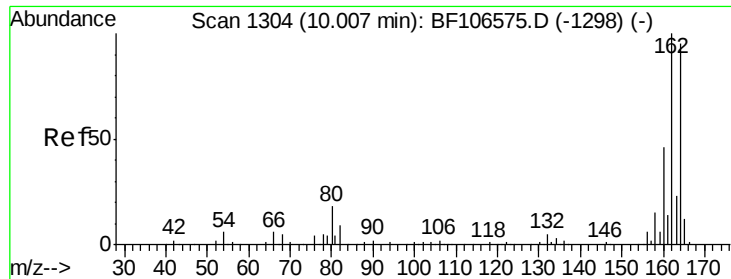


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.98 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF107333.D

Acq: 12 Jul 2018 12:45

Instrument :

BNA_F

ClientSampleId :

PB110986BL

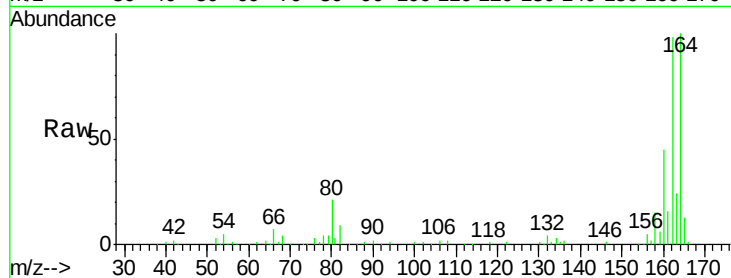
Tgt Ion:164 Resp: 127543

Ion Ratio Lower Upper

164 100

162 98.0 86.1 129.1

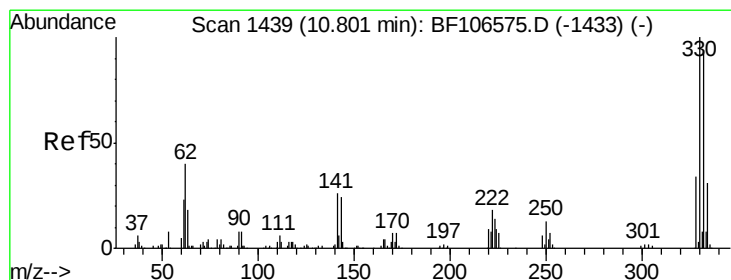
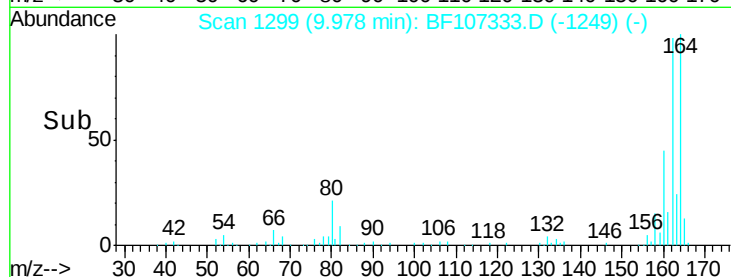
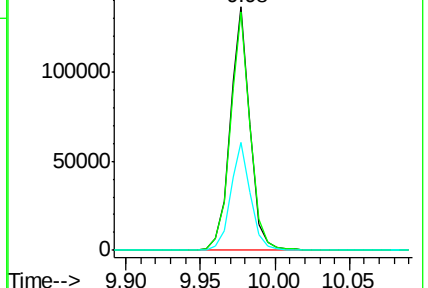
160 44.5 38.3 57.5



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: 157.557 ng

RT: 10.78 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BF107333.D

Acq: 12 Jul 2018 12:45

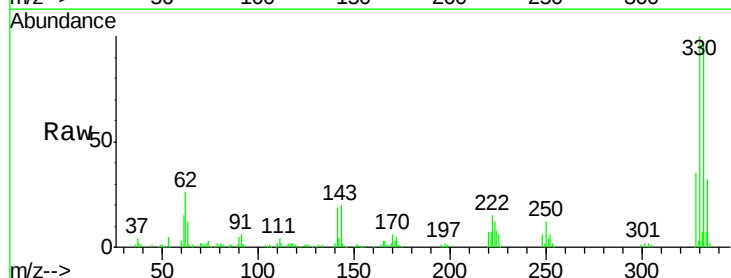
Tgt Ion:330 Resp: 232910

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

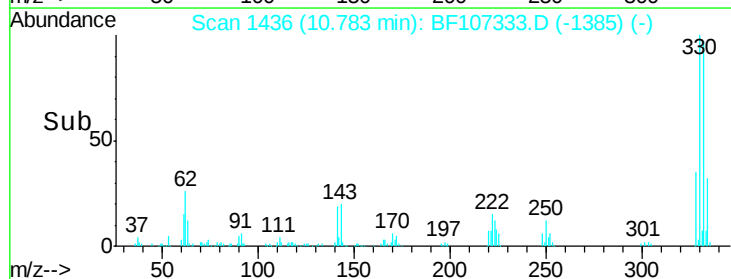
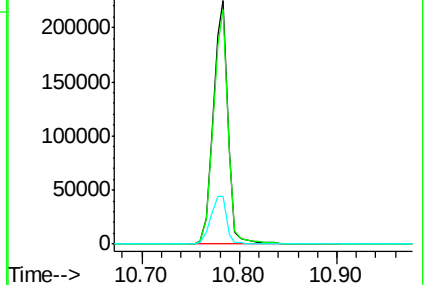
141 21.6 29.9 44.9#



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

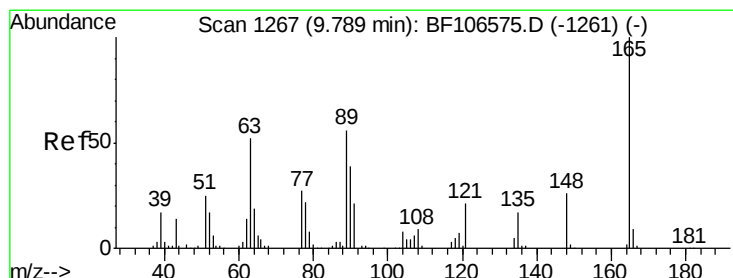
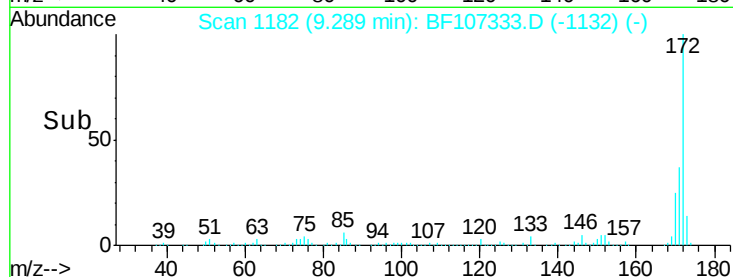
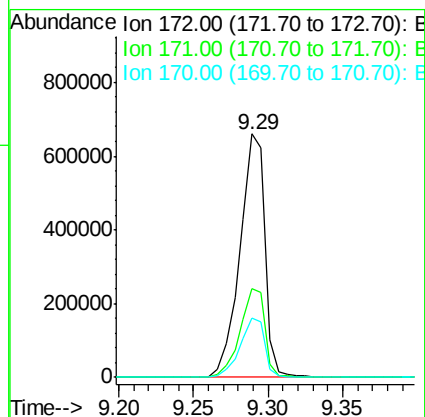
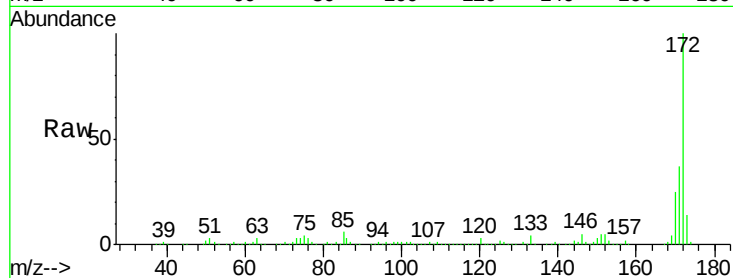




#44
 2-Fluorobiphenyl
 Concen: 106.105 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF107333.D
 Acq: 12 Jul 2018 12:45

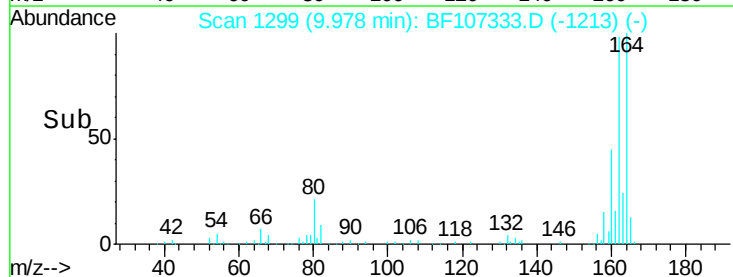
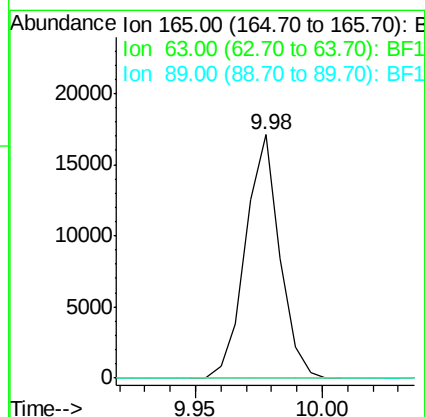
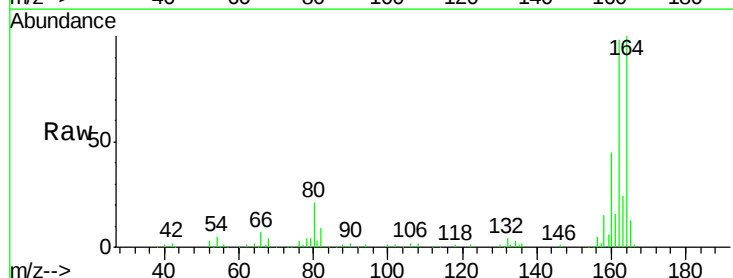
Instrument :
 BNA_F
 ClientSampleId :
 PB110986BL

Tgt Ion:172 Resp: 771927
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.6 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.877 ng
 RT: 9.98 min Scan# 1299
 Delta R.T. 0.21 min
 Lab File: BF107333.D
 Acq: 12 Jul 2018 12:45

Tgt Ion:165 Resp: 15956
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

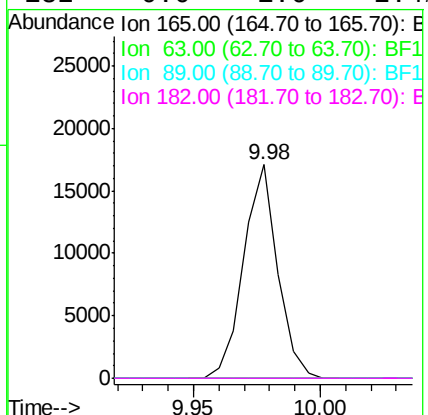
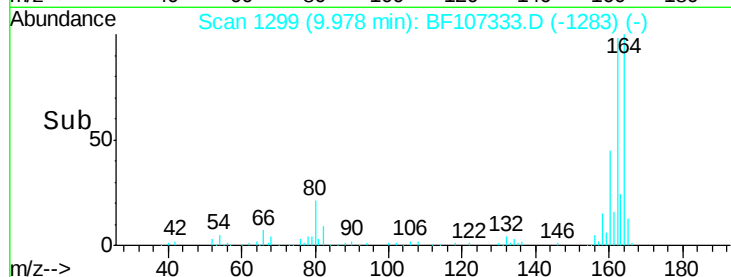
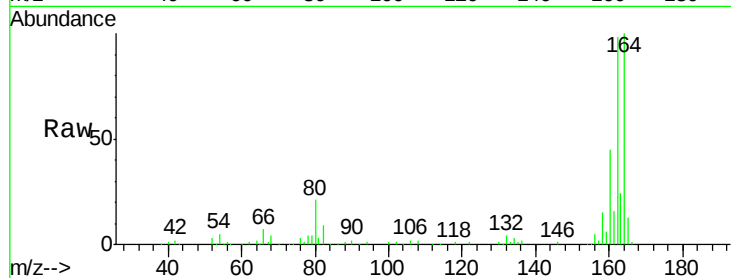




#56
2,4-Dinitrotoluene
Concen: 6.035 ng
RT: 9.98 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF107333.D
Acq: 12 Jul 2018 12:45

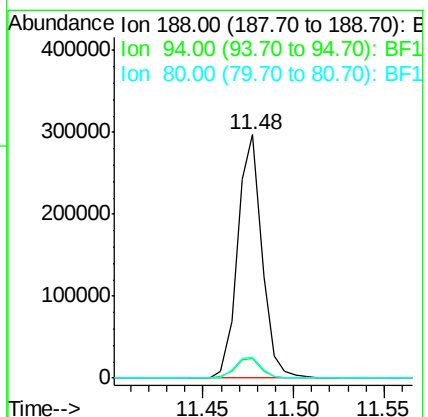
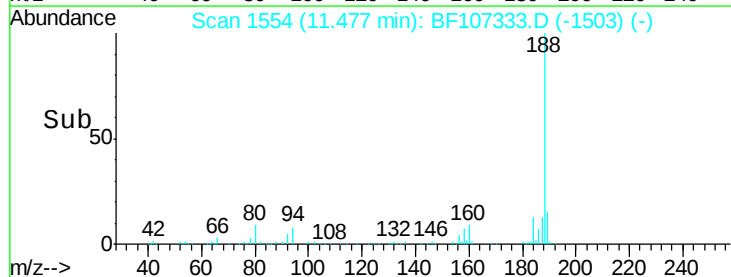
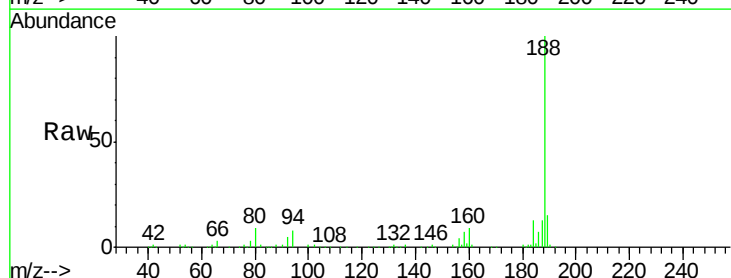
Instrument :
BNA_F
ClientSampleId :
PB110986BL

Tgt Ion:	165	Resp:	15956
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# 1554
Delta R.T. -0.00 min
Lab File: BF107333.D
Acq: 12 Jul 2018 12:45

Tgt Ion:	188	Resp:	277173
Ion Ratio	Lower	Upper	
188	100		
94	8.1	8.5	12.7#
80	8.8	9.2	13.8#

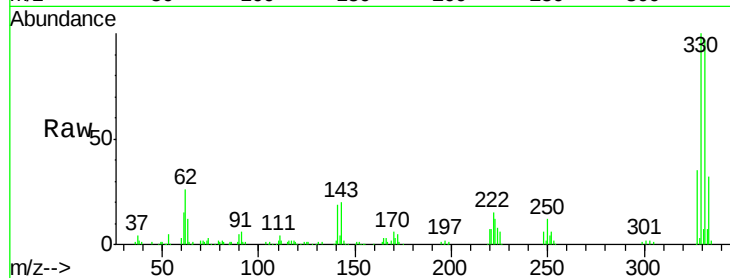




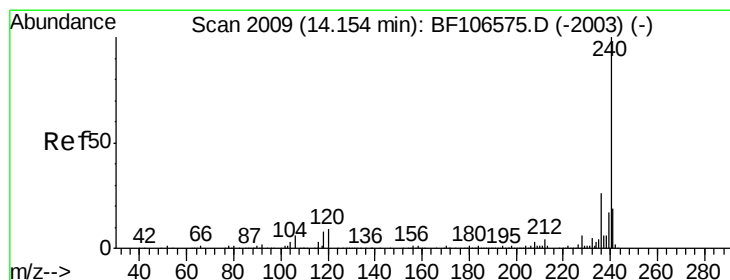
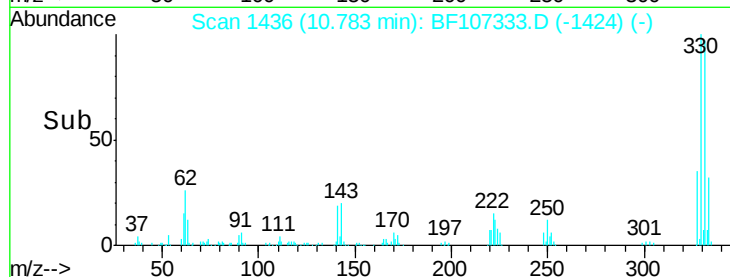
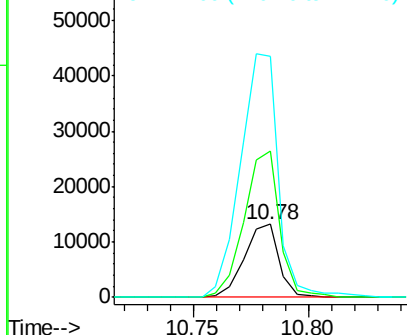
#66
4-Bromophenyl-phenylether
Concen: 4.199 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.23 min
Lab File: BF107333.D
Acq: 12 Jul 2018 12:45

Instrument :
BNA_F
ClientSampleId :
PB110986BL

Tgt Ion:248 Resp: 13891
Ion Ratio Lower Upper
248 100
250 201.0 76.9 115.3#
141 331.0 74.4 111.6#

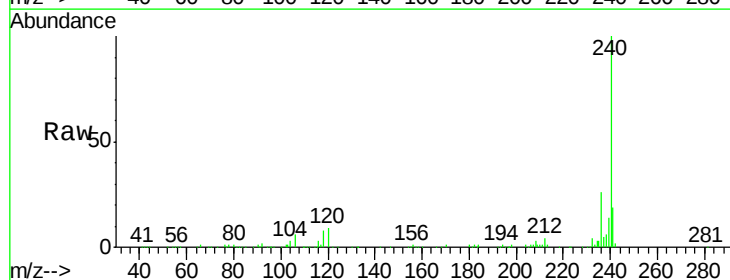


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

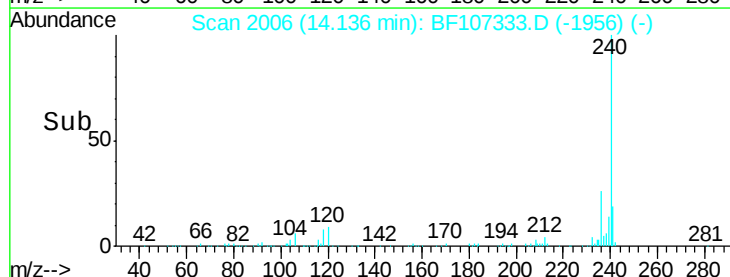
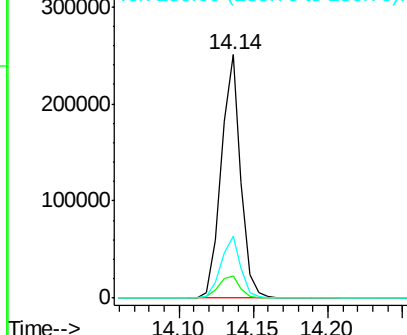


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF107333.D
Acq: 12 Jul 2018 12:45

Tgt Ion:240 Resp: 230395
Ion Ratio Lower Upper
240 100
120 9.4 9.5 14.3#
236 25.6 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

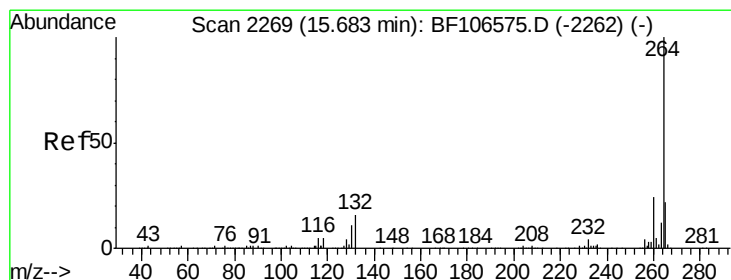
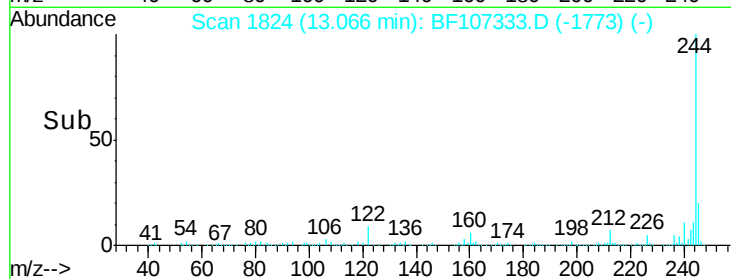
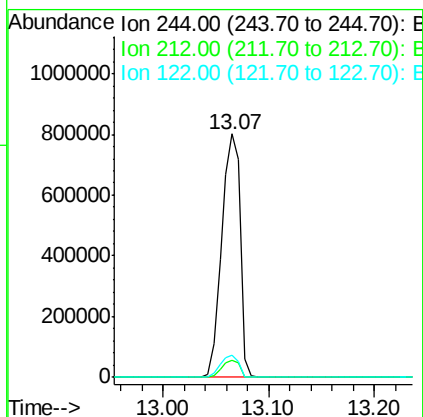
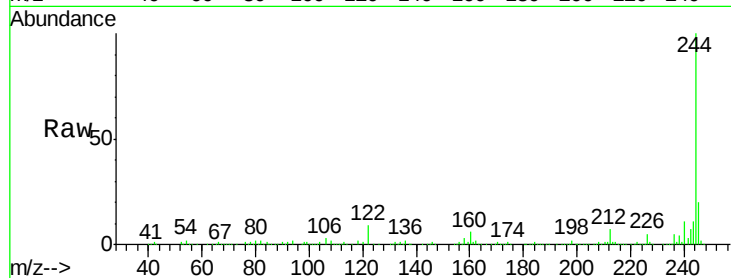




#78
 Terphenyl-d14
 Concen: 103.165 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BF107333.D
 Acq: 12 Jul 2018 12:45

Instrument :
 BNA_F
 ClientSampled :
 PB110986BL

Tgt Ion:244 Resp: 981242
 Ion Ratio Lower Upper
 244 100
 212 6.9 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. -0.00 min
 Lab File: BF107333.D
 Acq: 12 Jul 2018 12:45

Tgt Ion:264 Resp: 199155
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.5 17.5 26.3

