

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070718\
 Data File : BF107198.D
 Acq On : 7 Jul 2018 11:37
 Operator : JU/SJ
 Sample : PB110905BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110905BL

Quant Time: Jul 09 02:10:45 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

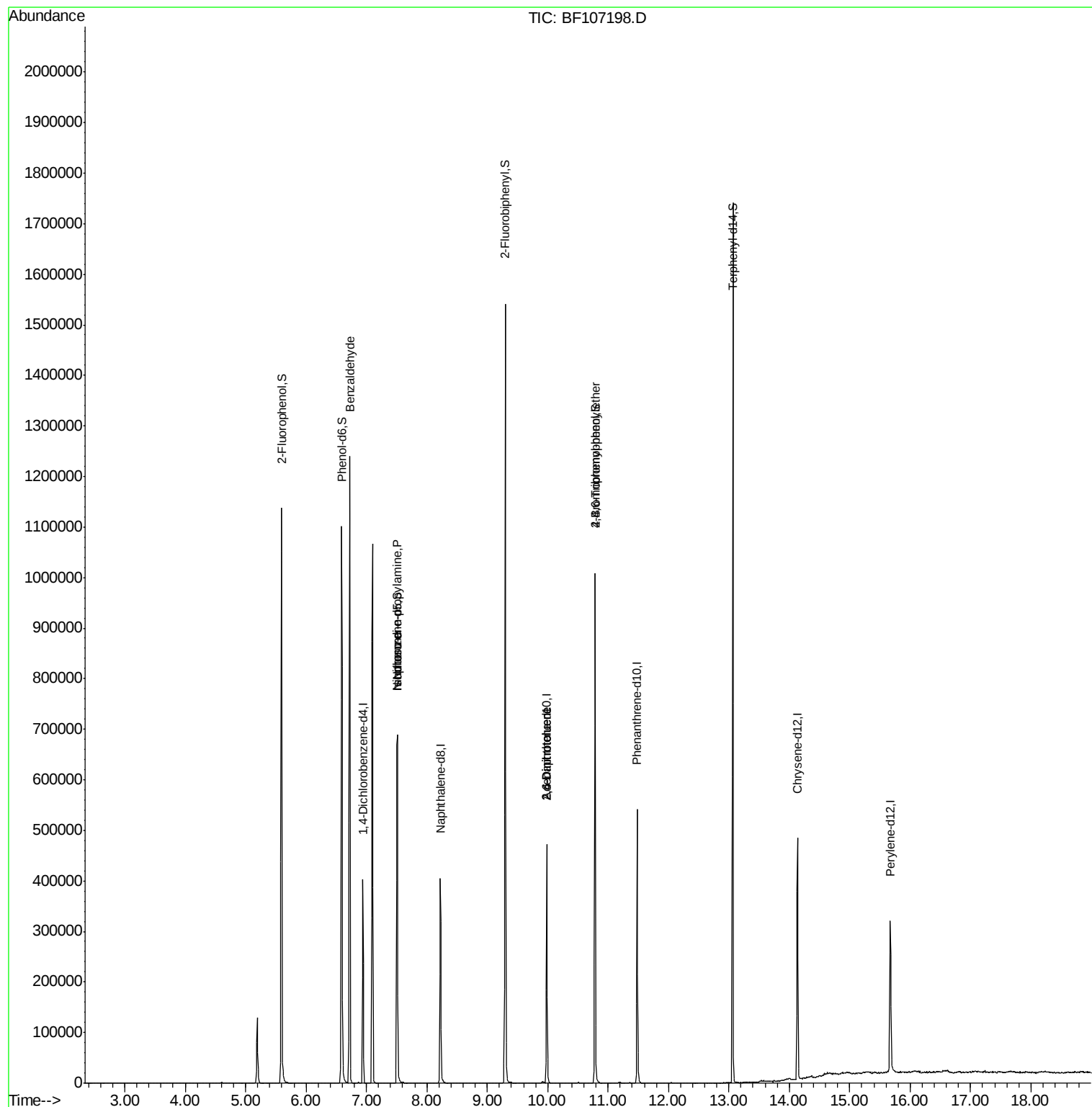
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	56398	20.00	ng	-0.02
21) Naphthalene-d8	8.22	136	218947	20.00	ng	-0.02
38) Acenaphthene-d10	9.98	164	113580	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	237330	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	187293	20.00	ng	-0.03
86) Perylene-d12	15.67	264	168454	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	350066	105.11	ng	0.00
7) Phenol-d6	6.59	99	443607	106.65	ng	-0.02
23) Nitrobenzene-d5	7.51	82	285745	72.53	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	155108	117.83	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	550187	81.36	ng	-0.02
78) Terphenyl-d14	13.07	244	661140	85.51	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.72	77	7679	2.198	ng	82
19) n-Nitroso-di-n-propylamine	7.51	70	35641	13.000	ng	# 72
25) Isophorone	7.51	82	285743	41.159	ng	# 64
50) 2,6-Dinitrotoluene	9.98	165	14381	7.972	ng	# 24
56) 2,4-Dinitrotoluene	9.98	165	14381	6.108	ng	# 21
66) 4-Bromophenyl-phenylether	10.78	248	9174	3.239	ng	# 1

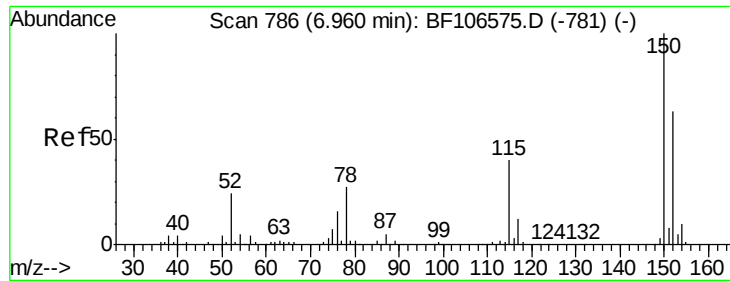
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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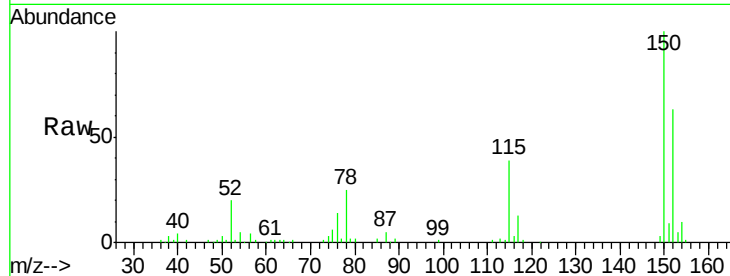


#1

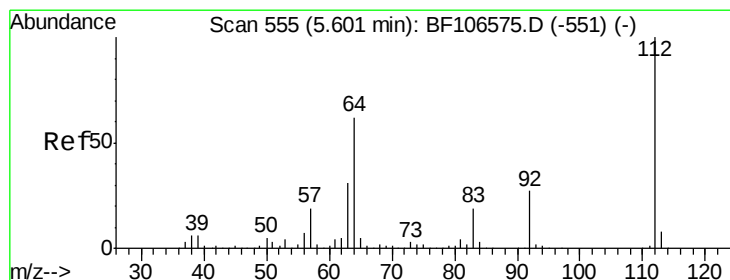
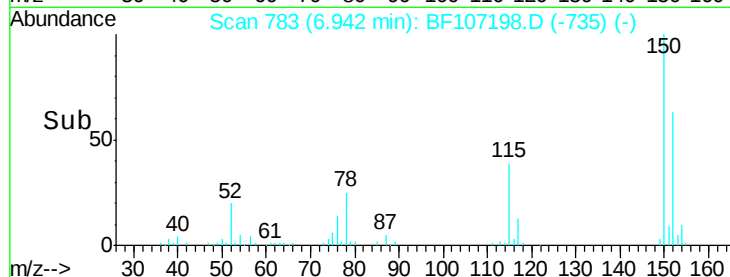
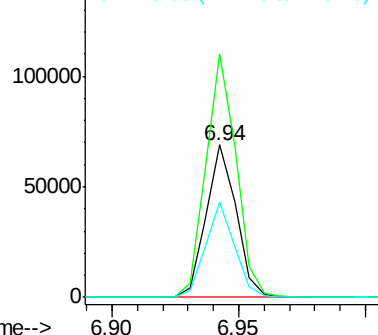
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107198.D
Acq: 7 Jul 2018 11:37

Instrument :
BNA_F
ClientSampled :
PB110905BL

Tgt Ion:152 Resp: 56398
Ion Ratio Lower Upper
152 100
150 159.6 124.6 186.8
115 62.7 50.1 75.1



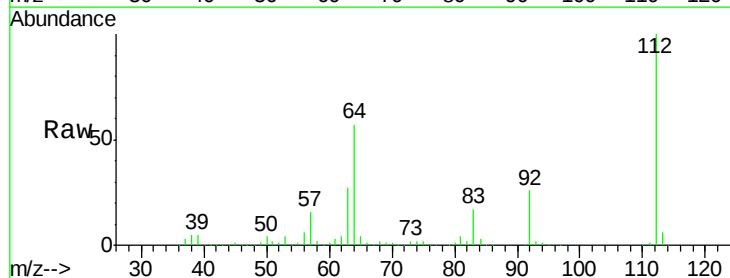
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



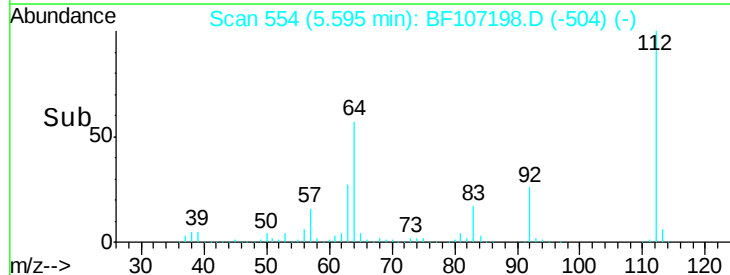
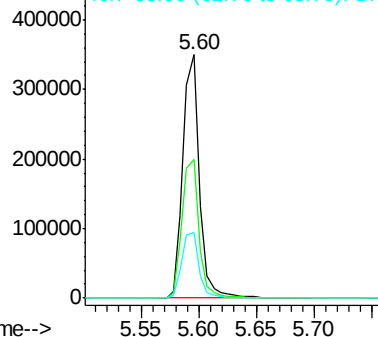
#5

2-Fluorophenol
Concen: 105.105 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107198.D
Acq: 7 Jul 2018 11:37

Tgt Ion:112 Resp: 350066
Ion Ratio Lower Upper
112 100
64 57.0 47.9 71.9
63 26.7 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: 106.654 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107198.D

Acq: 7 Jul 2018 11:37

Instrument :

BNA_F

ClientSampleId :

PB110905BL

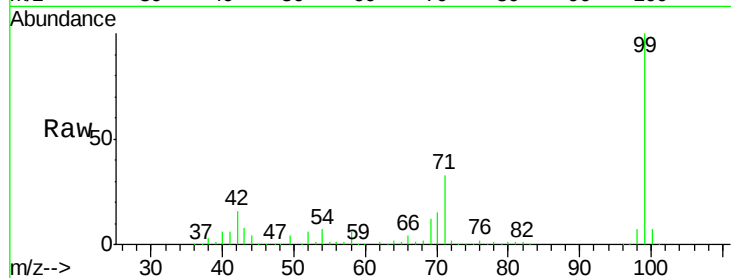
Tgt Ion: 99 Resp: 443607

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

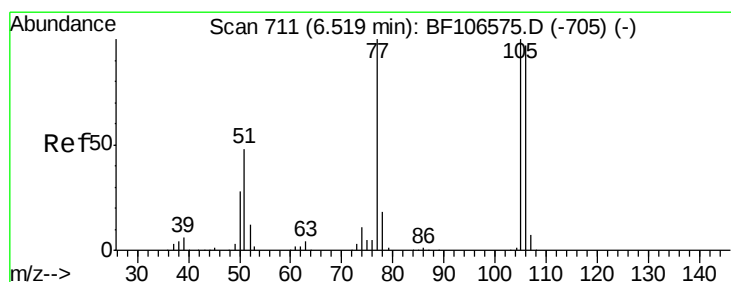
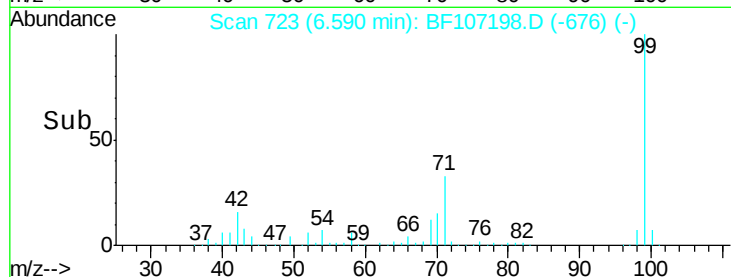
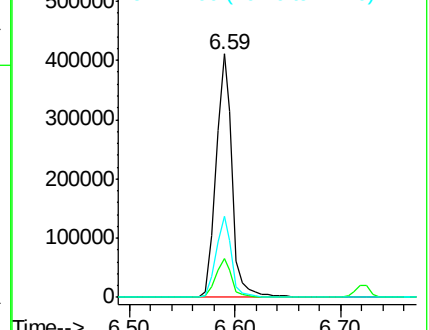
71 33.4 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.198 ng

RT: 6.72 min Scan# 746

Delta R.T. 0.21 min

Lab File: BF107198.D

Acq: 7 Jul 2018 11:37

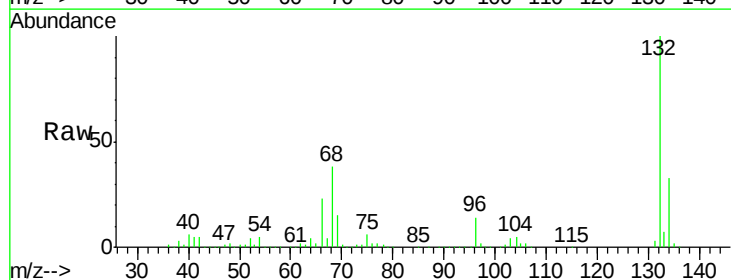
Tgt Ion: 77 Resp: 7679

Ion Ratio Lower Upper

77 100

105 82.0 81.1 121.1

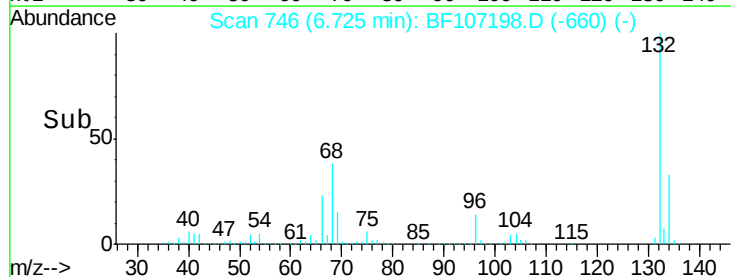
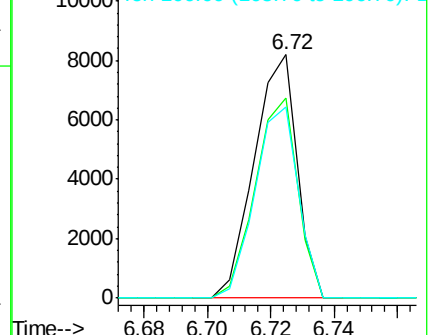
106 78.4 74.5 114.5

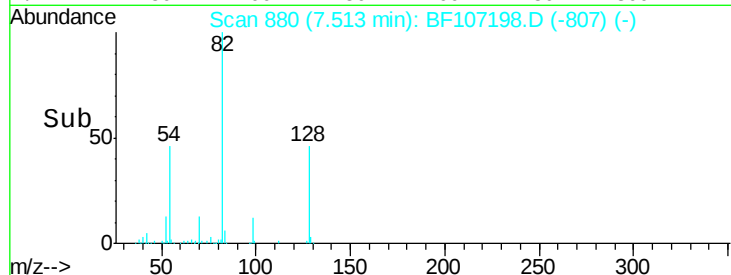
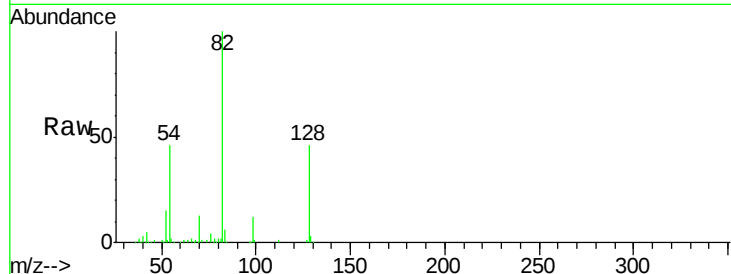


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

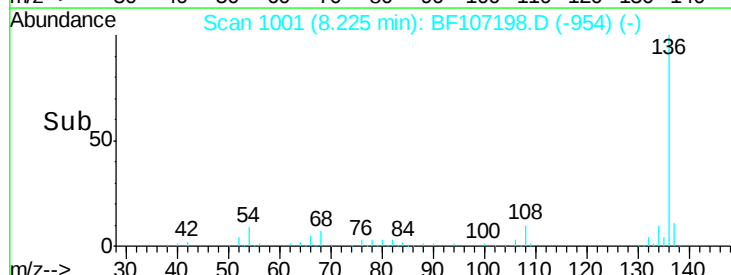
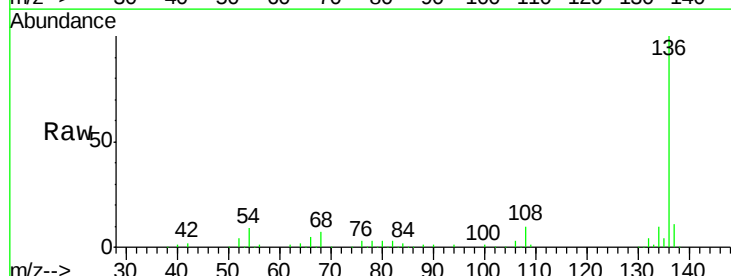
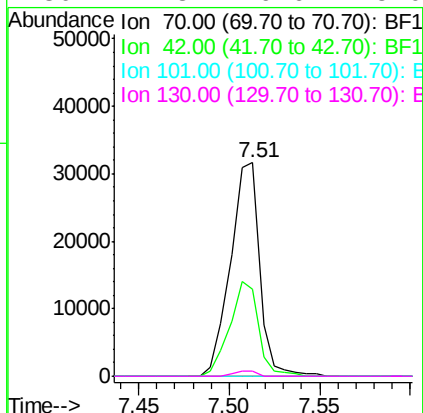




#19
n-Nitroso-di-n-propylamine
Concen: 13.000 ng
RT: 7.51 min Scan# 880
Delta R.T. 0.13 min
Lab File: BF107198.D
Acq: 7 Jul 2018 11:37

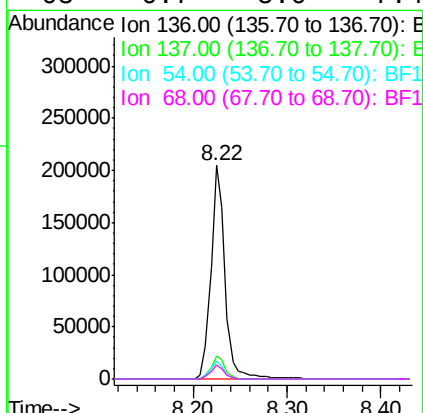
Instrument :
BNA_F
ClientSampleId :
PB110905BL

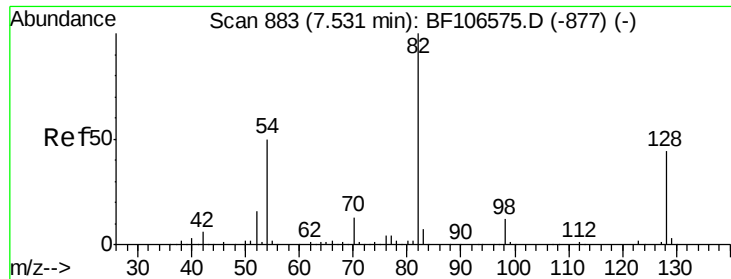
Tgt Ion:	70	Resp:	35641
Ion	Ratio	Lower	Upper
70	100		
42	40.8	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF107198.D
Acq: 7 Jul 2018 11:37

Tgt Ion:	136	Resp:	218947
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.7	6.6	9.8
68	6.7	5.0	7.4

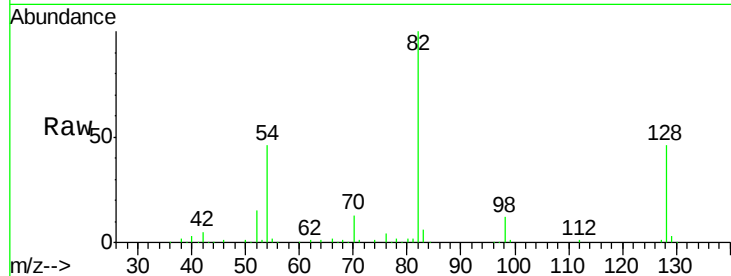




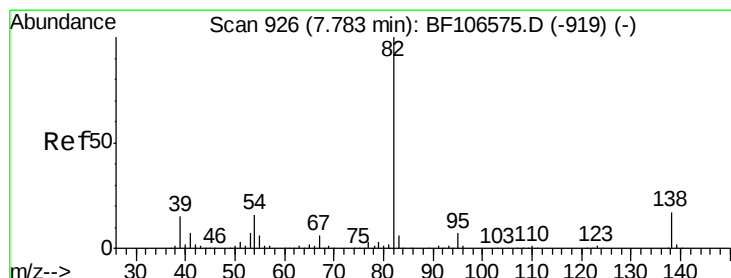
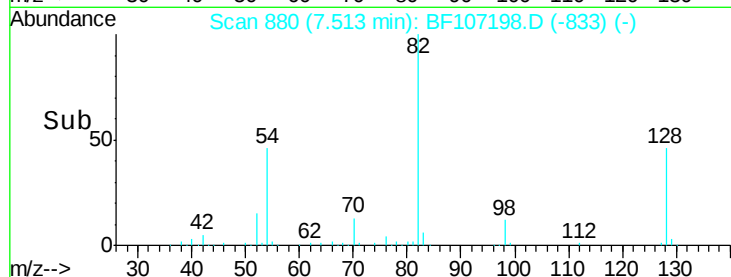
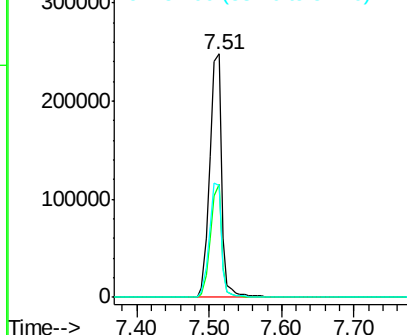
#23
Nitrobenzene-d5
Concen: 72.528 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107198.D
Acq: 7 Jul 2018 11:37

Instrument :
BNA_F
ClientSampleId :
PB110905BL

Tgt Ion: 82 Resp: 285745
Ion Ratio Lower Upper
82 100
128 46.3 36.1 54.1
54 45.8 41.4 62.2

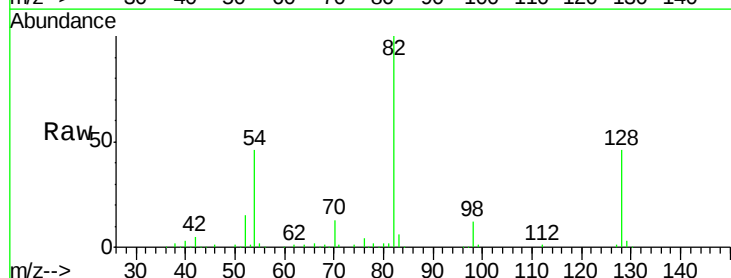


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

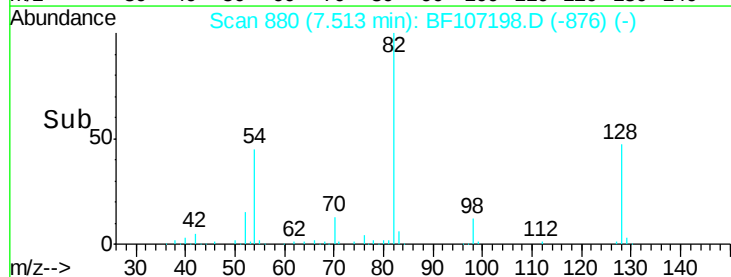
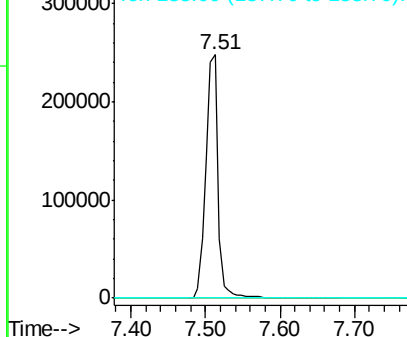


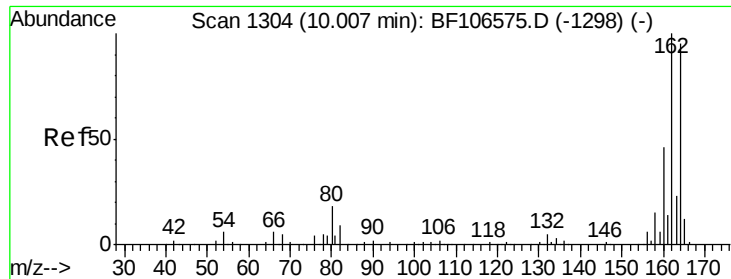
#25
Isophorone
Concen: 41.159 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF107198.D
Acq: 7 Jul 2018 11:37

Tgt Ion: 82 Resp: 285743
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

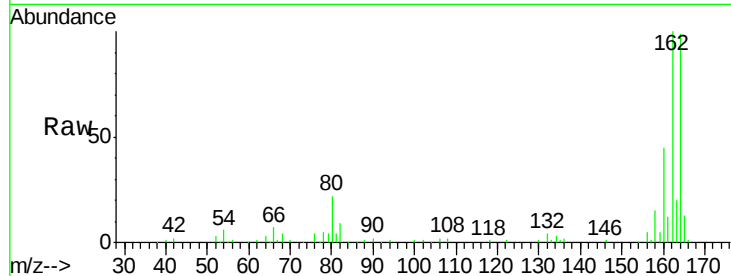




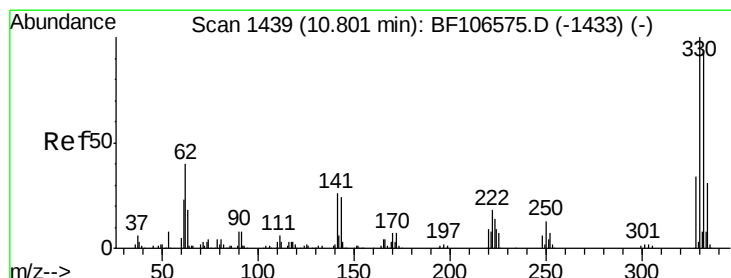
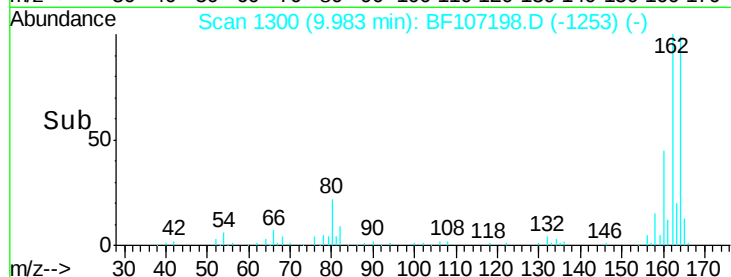
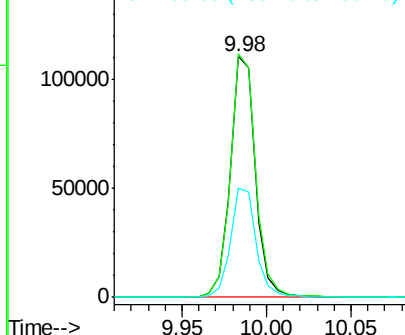
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF107198.D
Acq: 7 Jul 2018 11:37

Instrument :
BNA_F
ClientSampleId :
PB110905BL

Tgt Ion:164 Resp: 113580
Ion Ratio Lower Upper
164 100
162 101.1 86.1 129.1
160 45.3 38.3 57.5

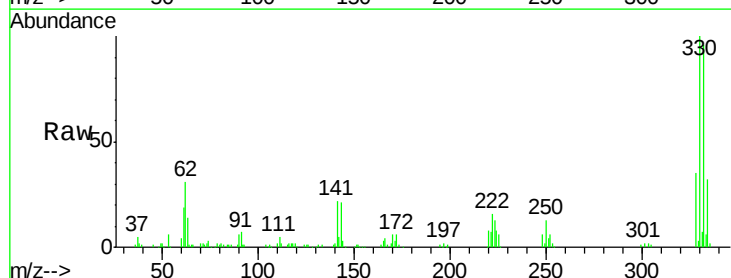


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

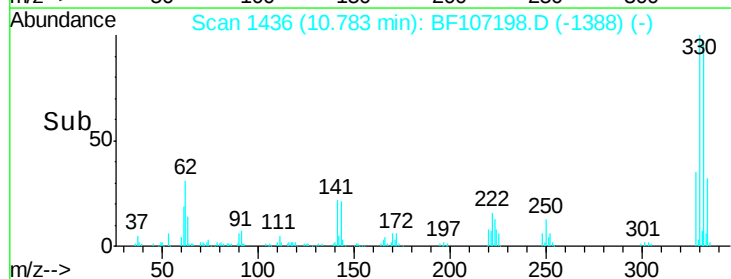
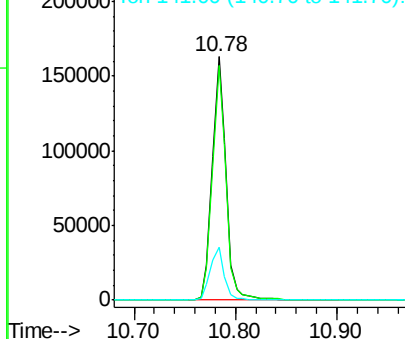


#41
2,4,6-Tribromophenol
Concen: 117.825 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BF107198.D
Acq: 7 Jul 2018 11:37

Tgt Ion:330 Resp: 155108
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.6
141 22.3 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

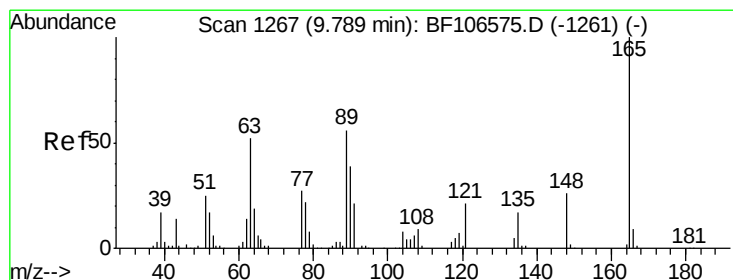
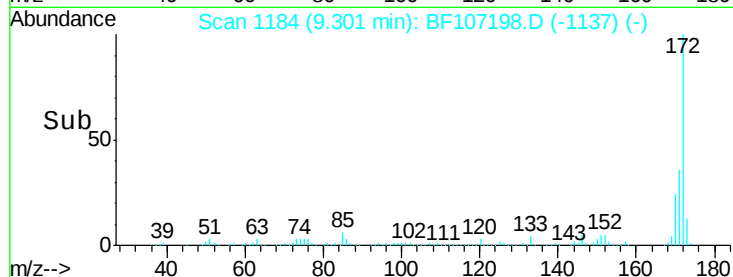
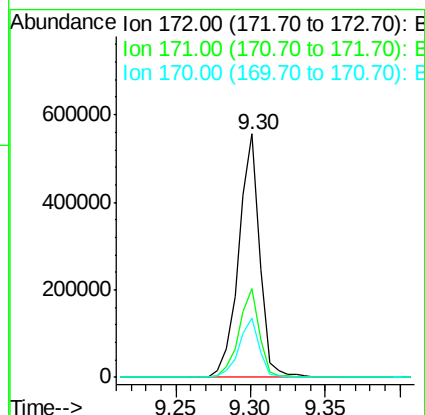
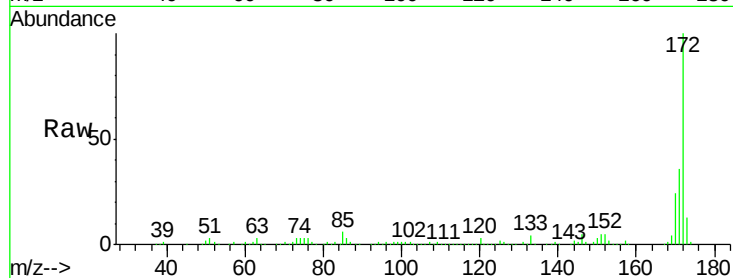




#44
 2-Fluorobiphenyl
 Concen: 81.360 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107198.D
 Acq: 7 Jul 2018 11:37

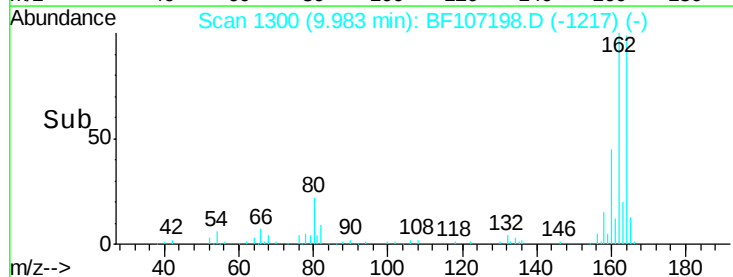
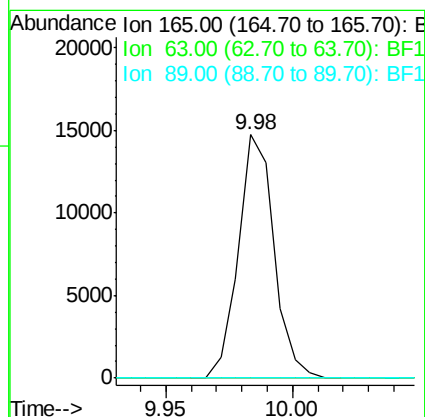
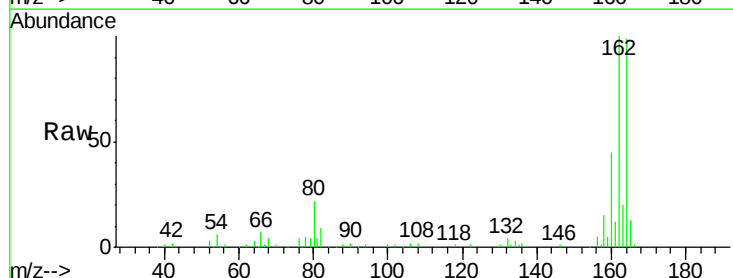
Instrument :
 BNA_F
 ClientSampleId :
 PB110905BL

Tgt Ion:172 Resp: 550187
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.1 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.972 ng
 RT: 9.98 min Scan# 1300
 Delta R.T. 0.19 min
 Lab File: BF107198.D
 Acq: 7 Jul 2018 11:37

Tgt Ion:165 Resp: 14381
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

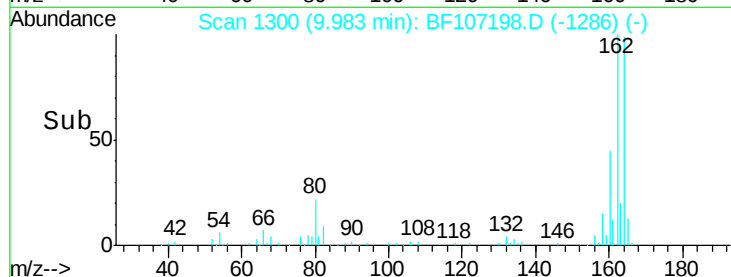
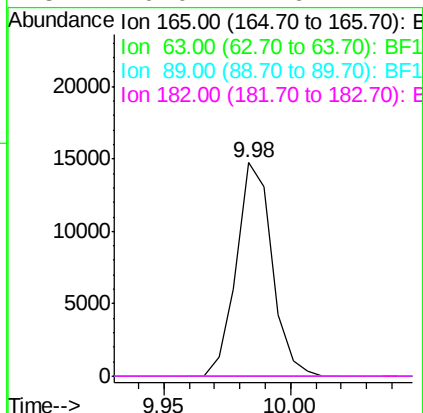
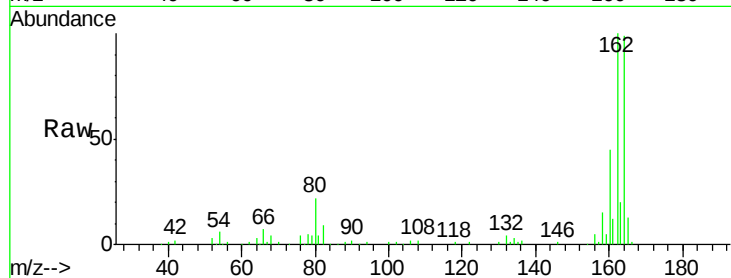




#56
 2,4-Dinitrotoluene
 Concen: 6.108 ng
 RT: 9.98 min Scan# 1300
 Delta R.T. -0.22 min
 Lab File: BF107198.D
 Acq: 7 Jul 2018 11:37

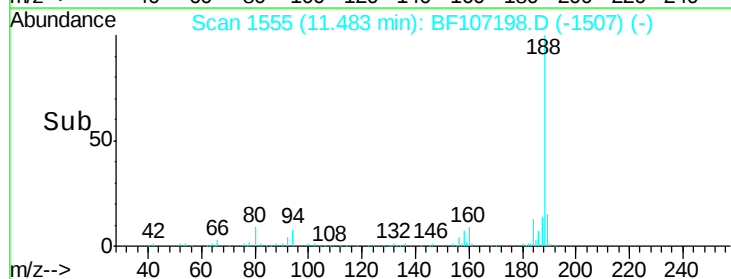
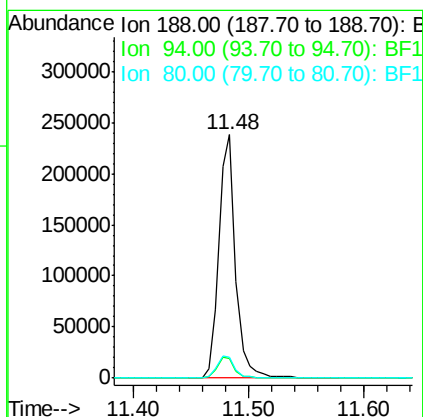
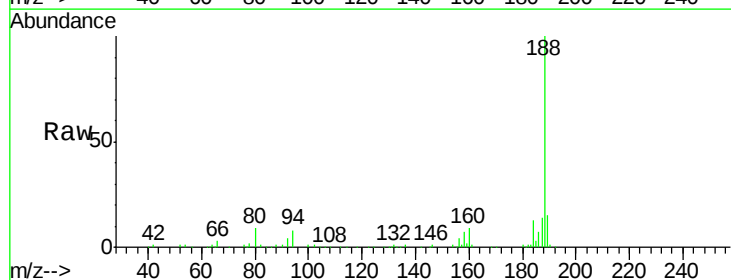
Instrument :
 BNA_F
 ClientSampleId :
 PB110905BL

Tgt Ion:	165	Resp:	14381
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: BF107198.D
 Acq: 7 Jul 2018 11:37

Tgt Ion:	188	Resp:	237330
Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.5	12.7#
80	8.8	9.2	13.8#

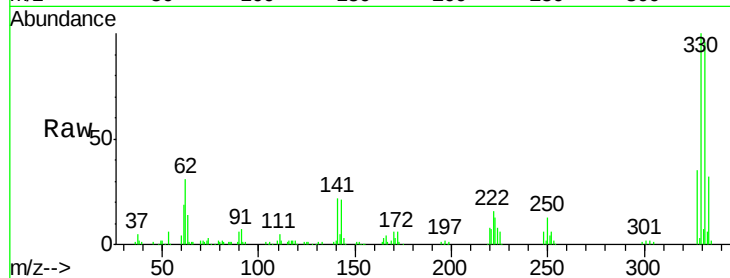




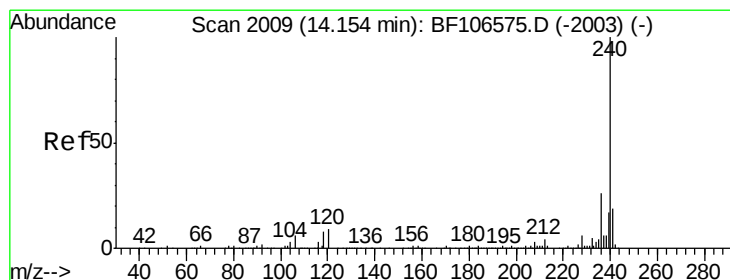
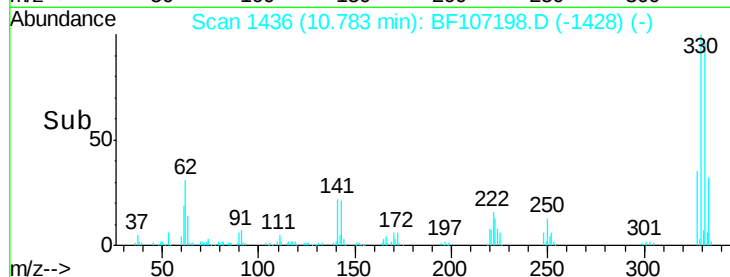
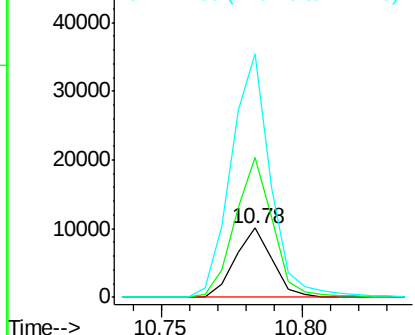
#66
4-Bromophenyl-phenylether
Concen: 3.239 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.25 min
Lab File: BF107198.D
Acq: 7 Jul 2018 11:37

Instrument :
BNA_F
ClientSampleId :
PB110905BL

Tgt Ion:248 Resp: 9174
Ion Ratio Lower Upper
248 100
250 202.3 76.9 115.3#
141 351.1 74.4 111.6#

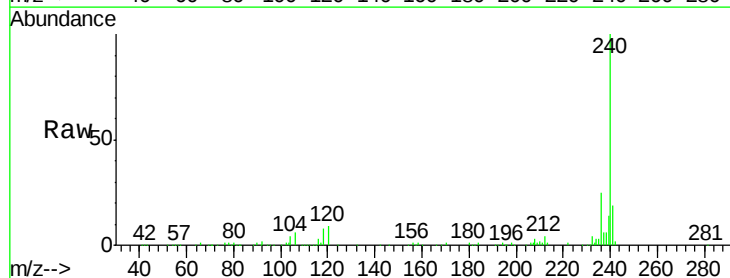


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

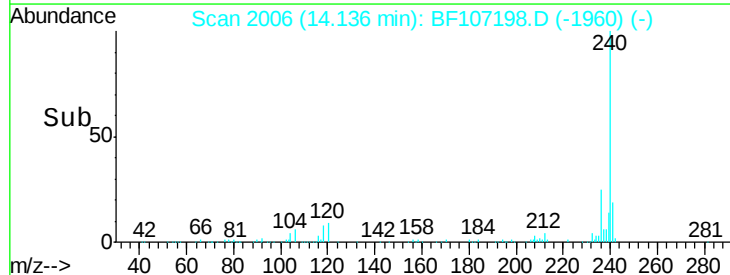
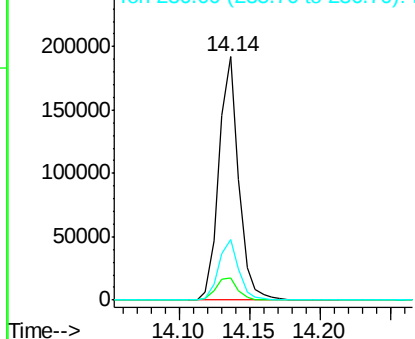


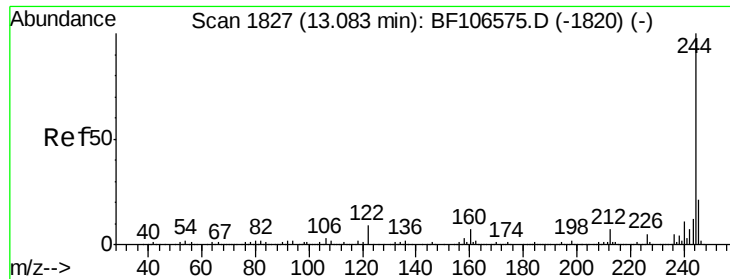
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF107198.D
Acq: 7 Jul 2018 11:37

Tgt Ion:240 Resp: 187293
Ion Ratio Lower Upper
240 100
120 9.0 9.5 14.3#
236 25.0 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

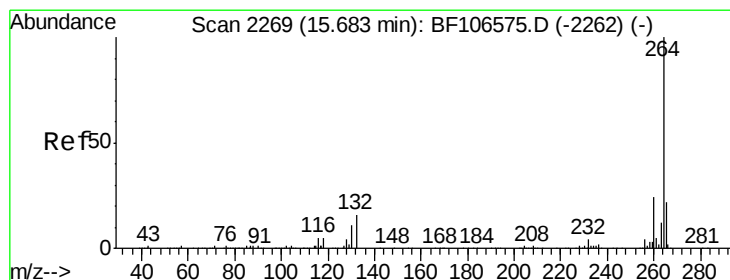
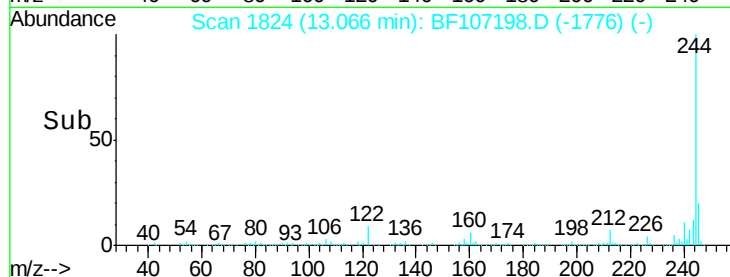
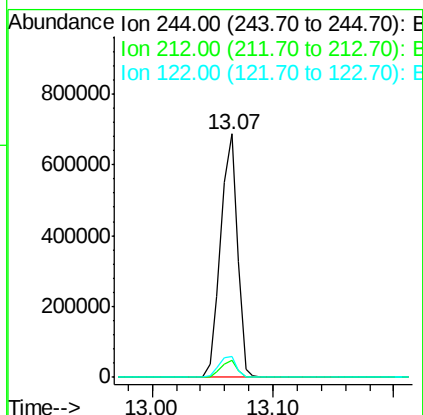
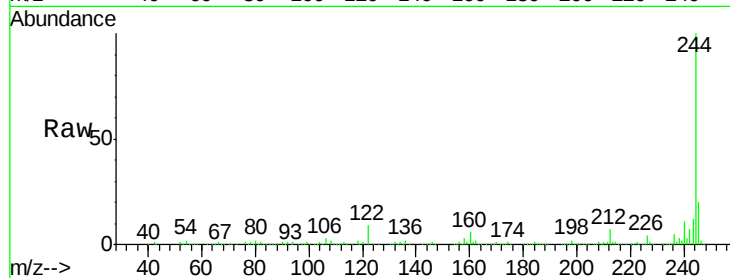




#78
 Terphenyl-d14
 Concen: 85.507 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF107198.D
 Acq: 7 Jul 2018 11:37

Instrument :
 BNA_F
 ClientSampleId :
 PB110905BL

Tgt Ion:244 Resp: 661140
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 8.5 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. -0.05 min
 Lab File: BF107198.D
 Acq: 7 Jul 2018 11:37

Tgt Ion:264 Resp: 168454
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.9 17.5 26.3

