

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070518\
 Data File : BF107160.D
 Acq On : 6 Jul 2018 8:40
 Operator : JU/SJ
 Sample : J3851-07
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 070218-TIPC-F-U-B

Quant Time: Jul 06 10:58:03 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

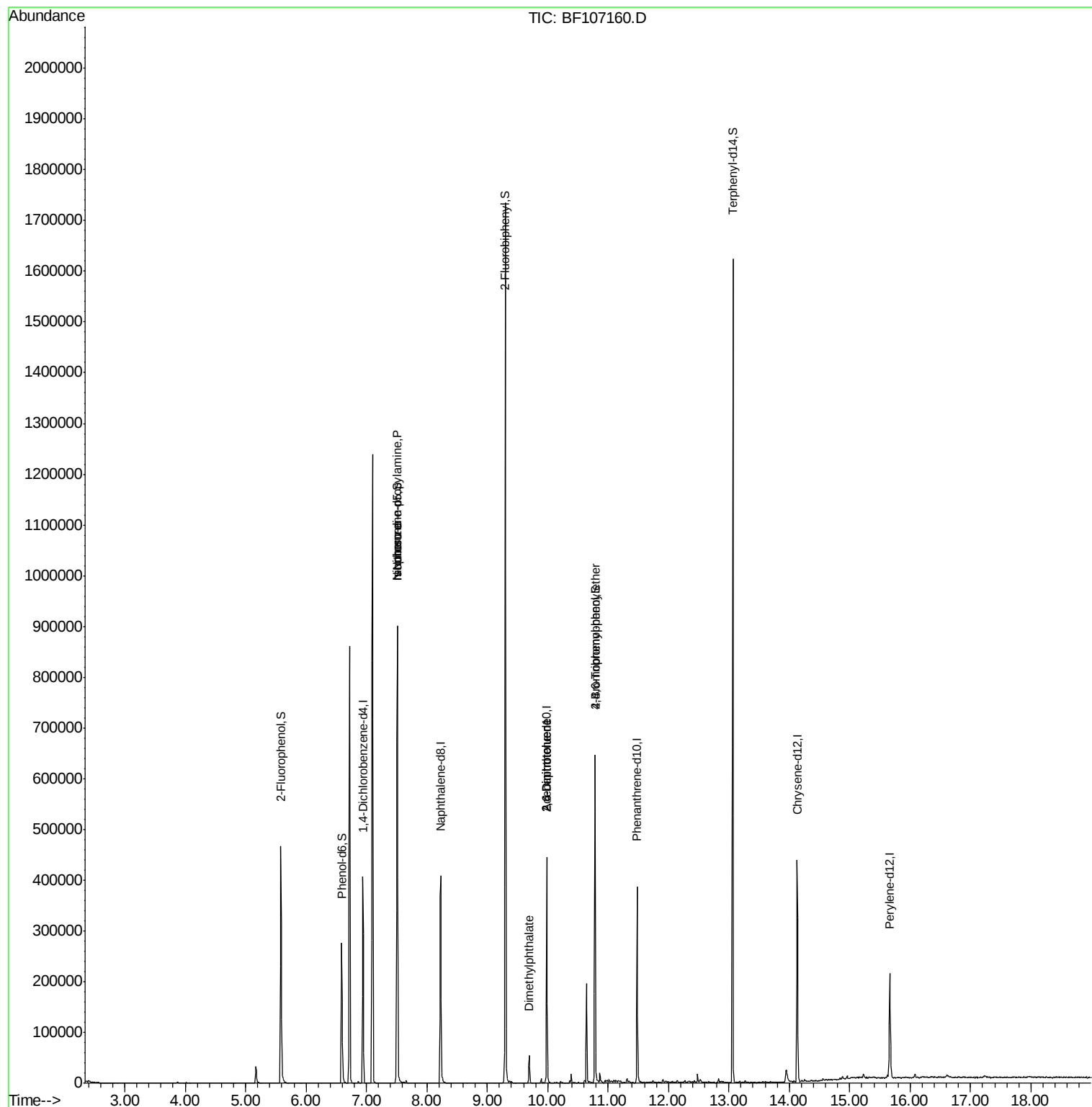
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	58545	20.00	ng	-0.02
21) Naphthalene-d8	8.23	136	219252	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	99870	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	167582	20.00	ng	-0.02
75) Chrysene-d12	14.13	240	160072	20.00	ng	-0.04
86) Perylene-d12	15.67	264	112549	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	140834	40.73	ng	-0.02
7) Phenol-d6	6.59	99	109912	25.46	ng	-0.02
23) Nitrobenzene-d5	7.51	82	320816	81.32	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	98462	85.06	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	584472	102.01	ng	-0.02
78) Terphenyl-d14	13.07	244	617573	93.45	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	41915	14.727	ng	# 72
25) Isophorone	7.51	82	320814	46.146	ng	# 64
49) Dimethylphthalate	9.70	163	27425	3.661	ng	100
50) 2,6-Dinitrotoluene	9.98	165	12538	7.905	ng	# 24
56) 2,4-Dinitrotoluene	9.98	165	12538	6.056	ng	# 21
66) 4-Bromophenyl-phenylether	10.78	248	5922	2.961	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070518\
Data File : BF107160.D
Acq On : 6 Jul 2018 8:40
Operator : JU/SJ
Sample : J3851-07
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
070218-TIPC-F-U-B

Quant Time: Jul 06 10:58:03 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



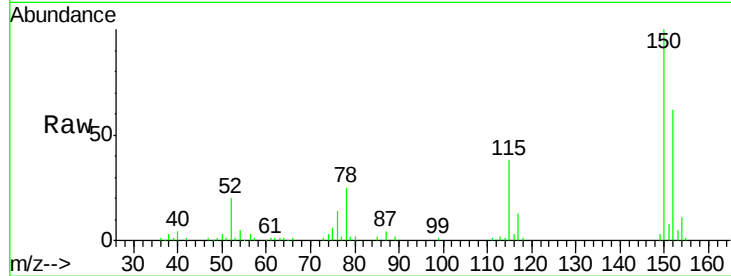


#1

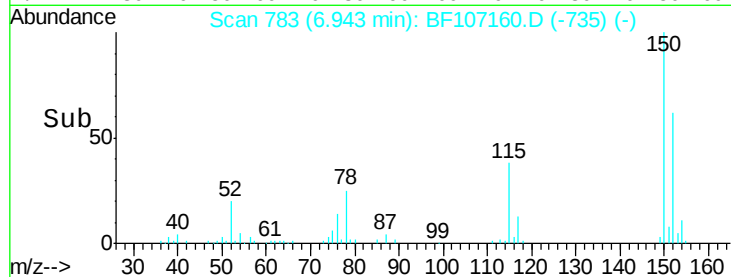
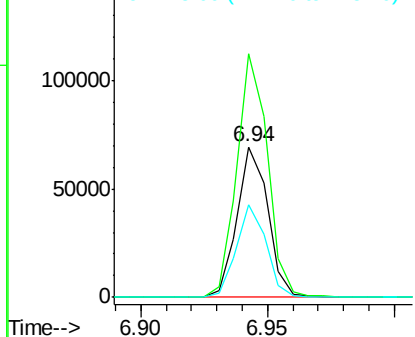
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107160.D
Acq: 6 Jul 2018 8:40

Instrument :
BNA_F
ClientSampleId :
070218-TIPC-F-U-B

Tgt Ion:152 Resp: 58545
Ion Ratio Lower Upper
152 100
150 161.7 124.6 186.8
115 61.5 50.1 75.1



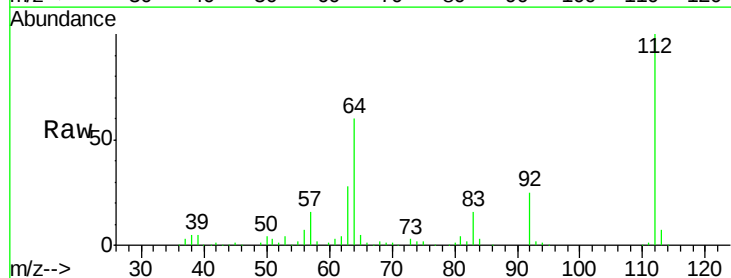
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



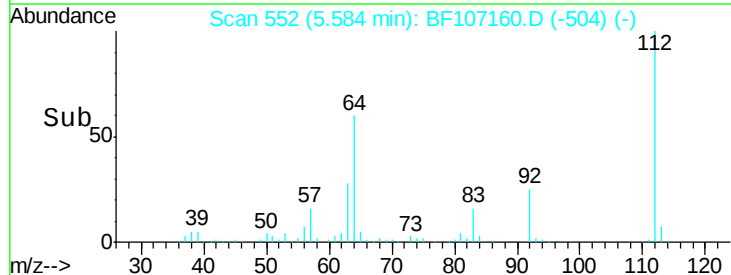
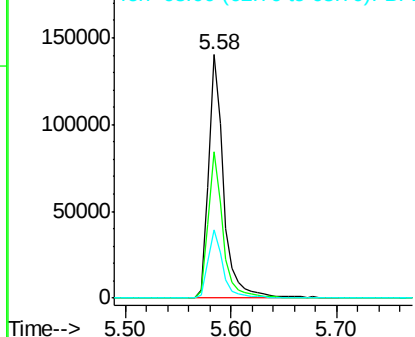
#5

2-Fluorophenol
Concen: 40.734 ng
RT: 5.58 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF107160.D
Acq: 6 Jul 2018 8:40

Tgt Ion:112 Resp: 140834
Ion Ratio Lower Upper
112 100
64 60.0 47.9 71.9
63 28.2 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: 25.457 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107160.D

Acq: 6 Jul 2018 8:40

Instrument :

BNA_F

ClientSampleId :

070218-TIPC-F-U-B

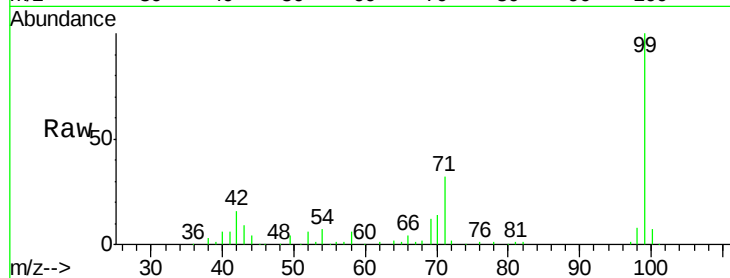
Tgt Ion: 99 Resp: 109912

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

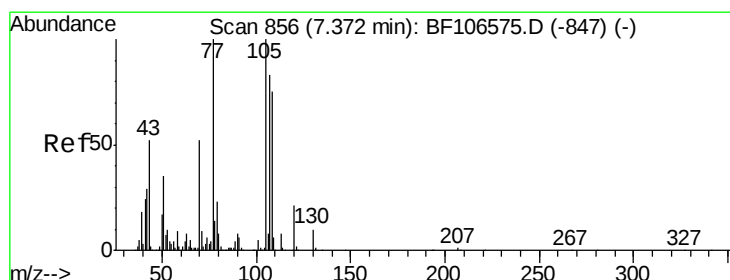
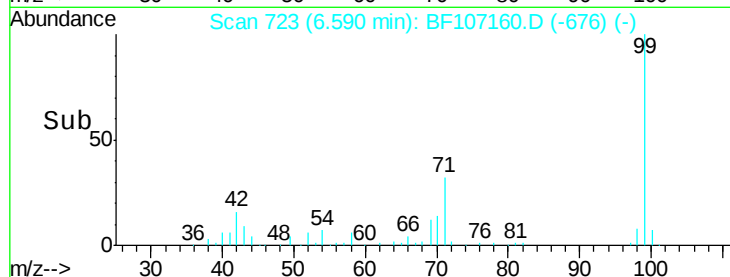
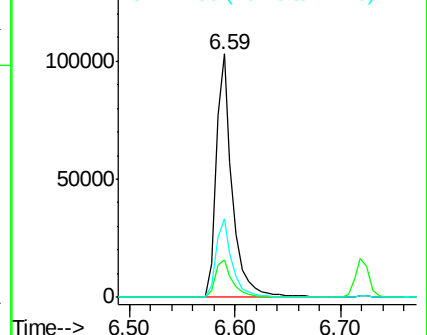
71 32.2 25.4 38.0



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: 14.727 ng

RT: 7.51 min Scan# 880

Delta R.T. 0.13 min

Lab File: BF107160.D

Acq: 6 Jul 2018 8:40

Tgt Ion: 70 Resp: 41915

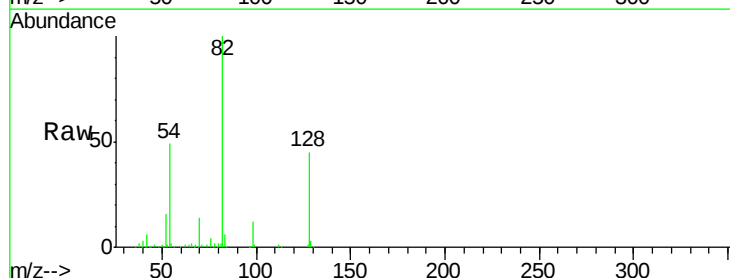
Ion Ratio Lower Upper

70 100

42 40.8 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

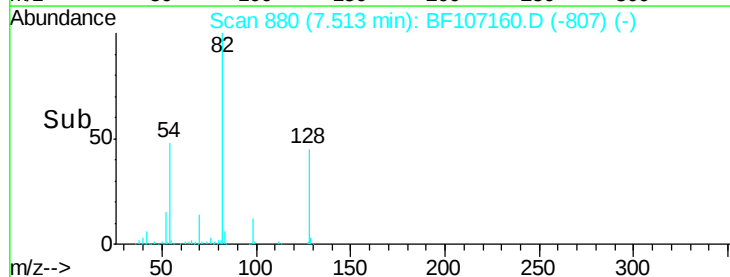
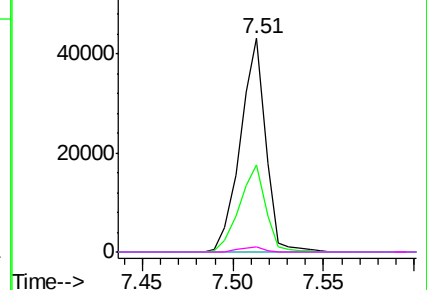


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

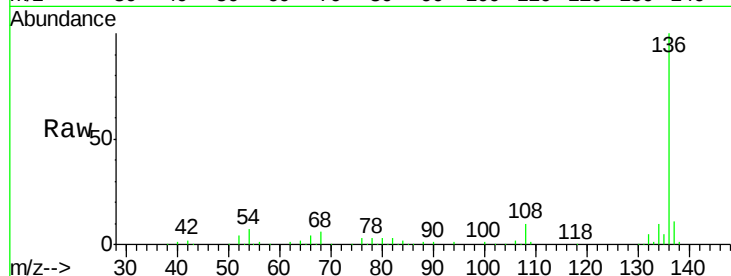




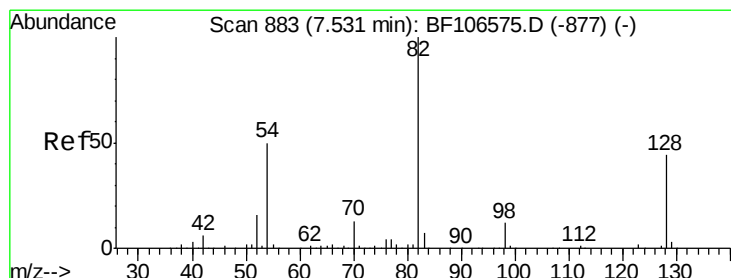
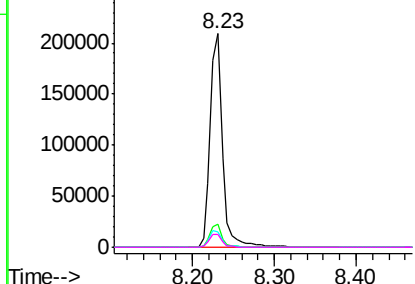
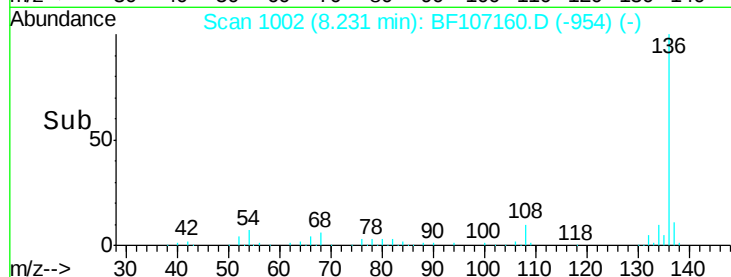
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107160.D
Acq: 6 Jul 2018 8:40

Instrument :
BNA_F
ClientSampleId :
070218-TIPC-F-U-B

Tgt Ion:	136	Resp:	219252
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.3	6.6	9.8
68	6.0	5.0	7.4

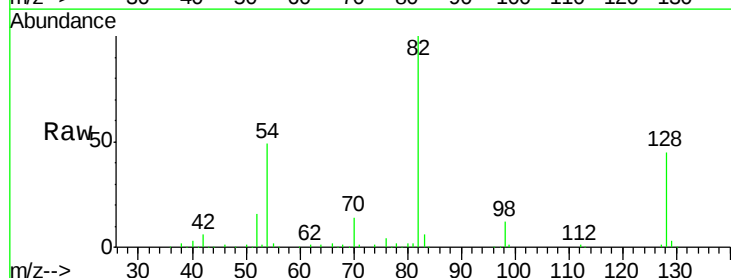


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

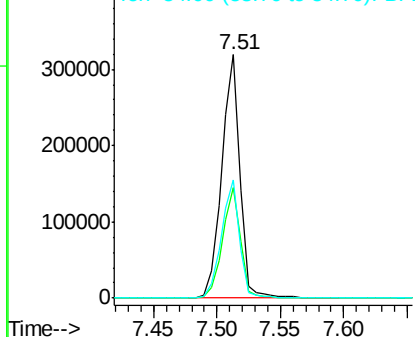
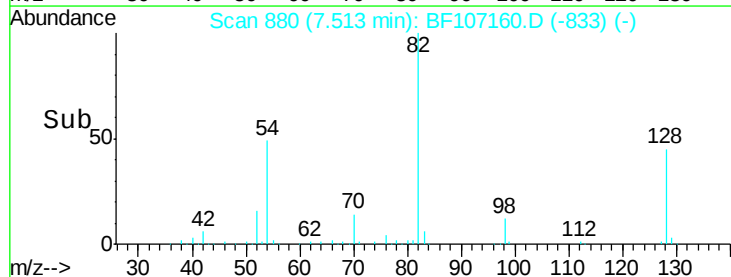


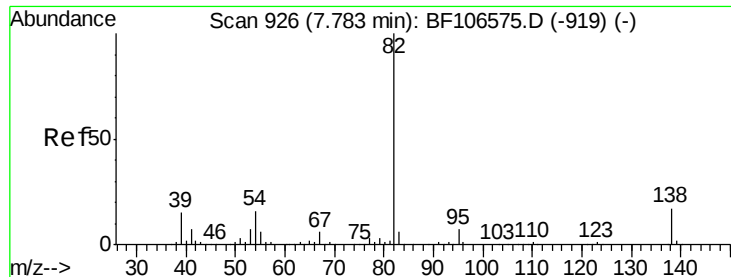
#23
Nitrobenzene-d5
Concen: 81.317 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107160.D
Acq: 6 Jul 2018 8:40

Tgt Ion:	82	Resp:	320816
Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	48.6	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: 46.146 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF107160.D

Acq: 6 Jul 2018 8:40

Instrument :

BNA_F

ClientSampleId :

070218-TIPC-F-U-B

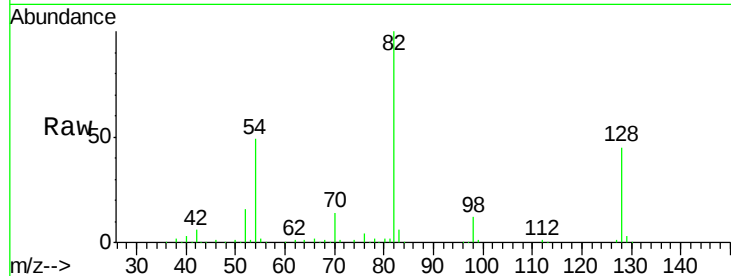
Tgt Ion: 82 Resp: 320814

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#

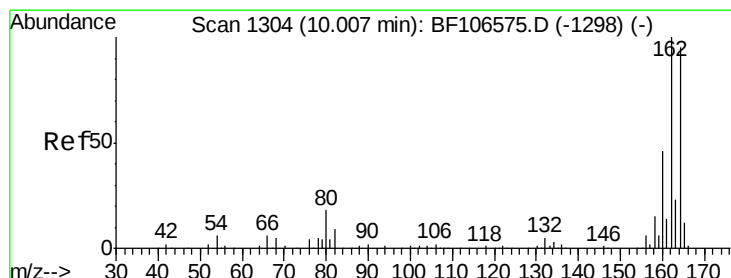
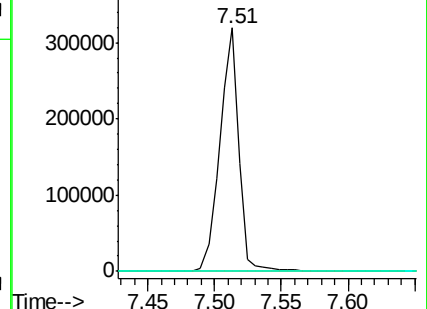
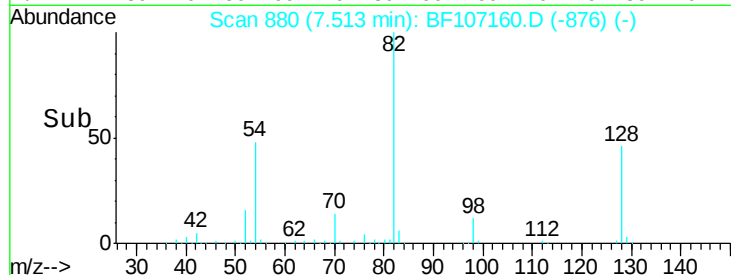


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF107160.D

Acq: 6 Jul 2018 8:40

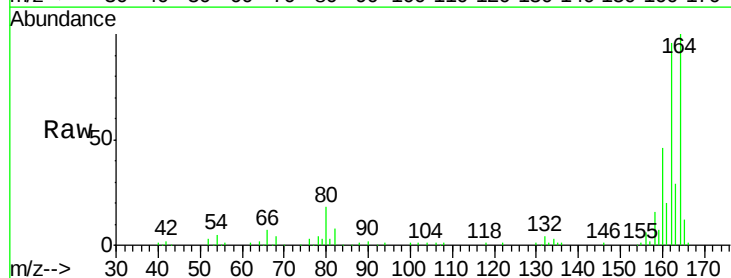
Tgt Ion: 164 Resp: 99870

Ion Ratio Lower Upper

164 100

162 96.4 86.1 129.1

160 46.0 38.3 57.5

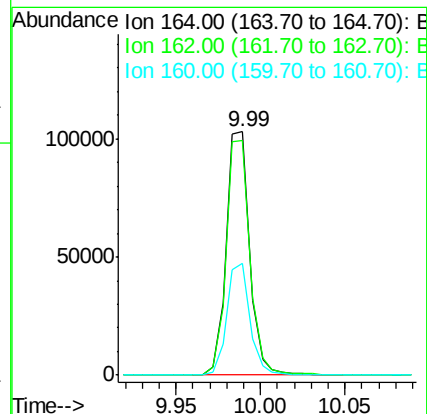
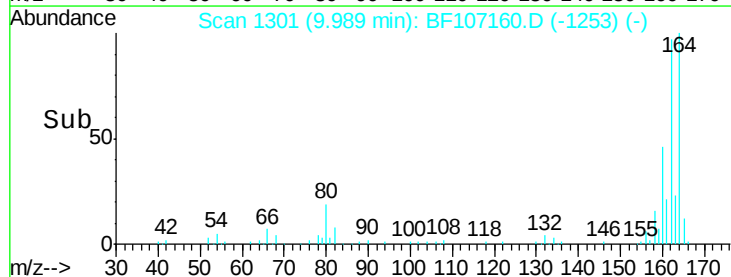


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

Time-->

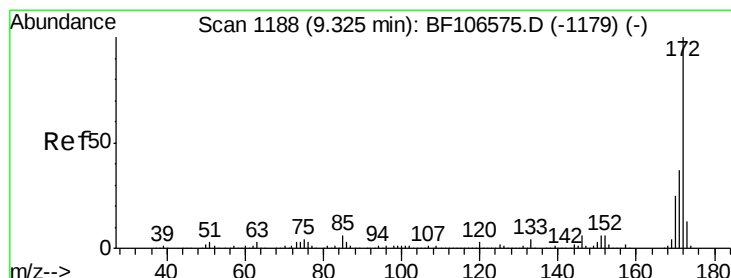
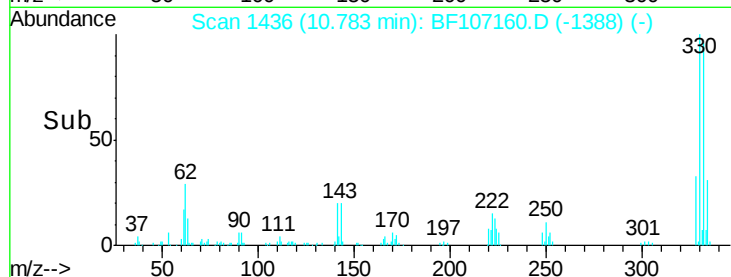
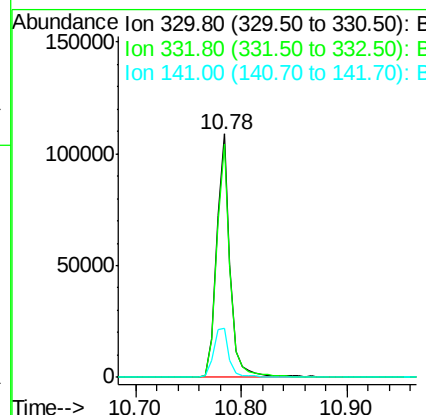
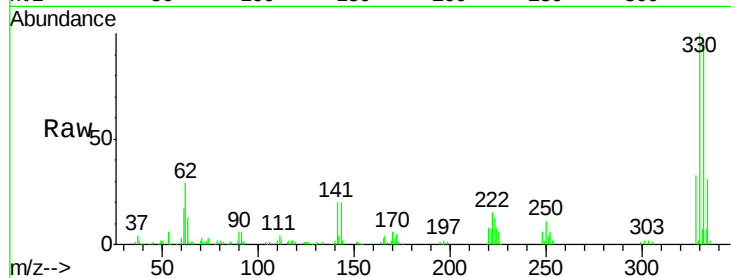




#41
 2,4,6-Tribromophenol
 Concen: 85.063 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107160.D
 Acq: 6 Jul 2018 8:40

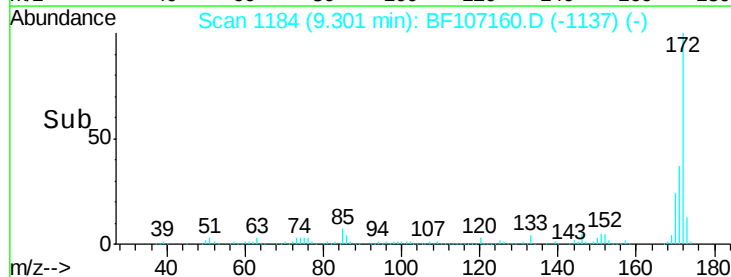
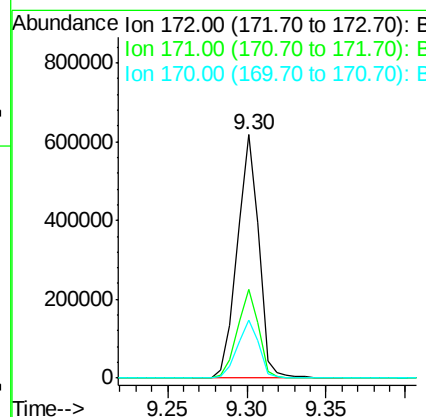
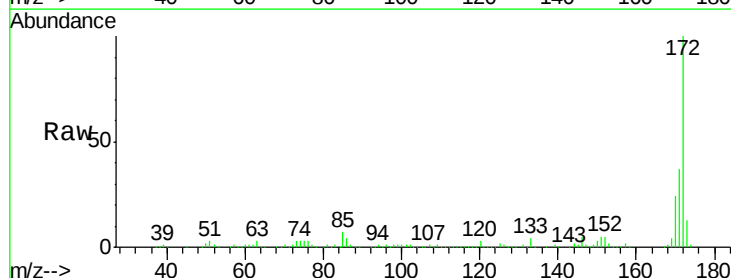
Instrument :
 BNA_F
 ClientSampleId :
 070218-TIPC-F-U-B

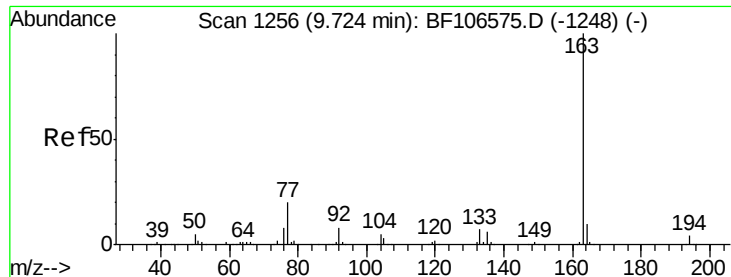
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	22.9	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 102.010 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107160.D
 Acq: 6 Jul 2018 8:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	23.8	19.6	29.4

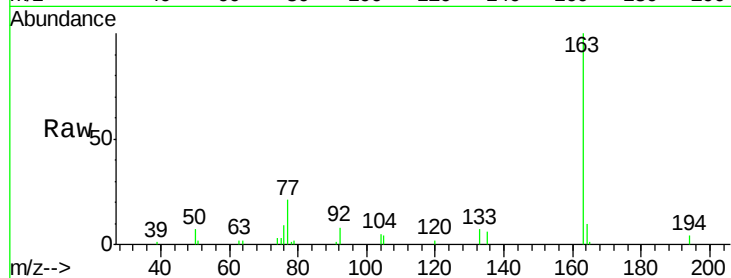




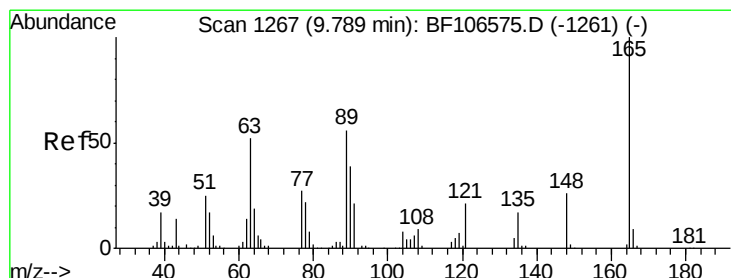
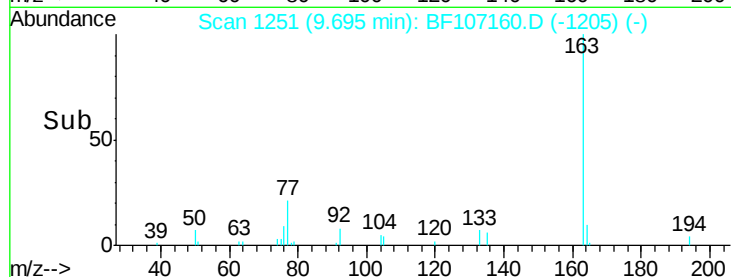
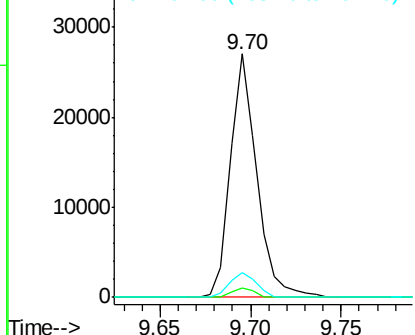
#49
Dimethylphthalate
Concen: 3.661 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107160.D
Acq: 6 Jul 2018 8:40

Instrument :
BNA_F
ClientSampleId :
070218-TIPC-F-U-B

Tgt Ion:163 Resp: 27425
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.1 8.2 12.2

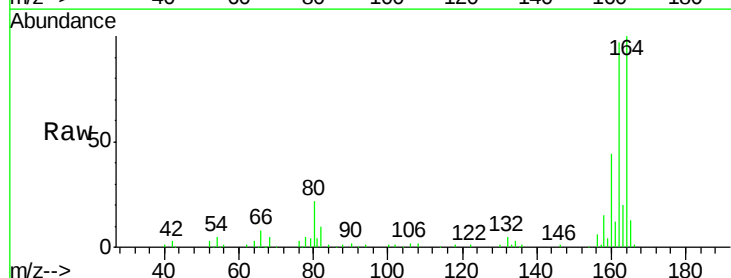


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

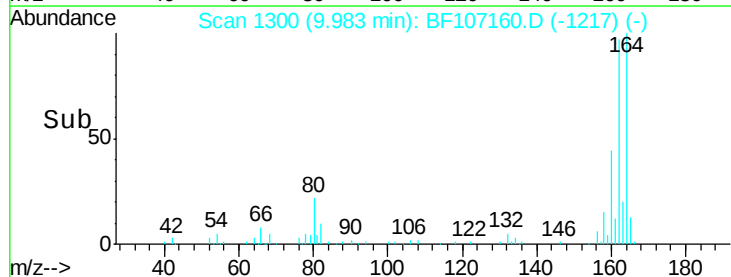
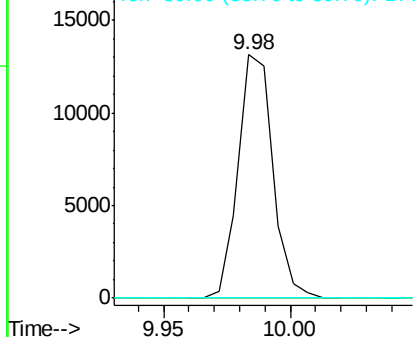


#50
2,6-Dinitrotoluene
Concen: 7.905 ng
RT: 9.98 min Scan# 1300
Delta R.T. 0.19 min
Lab File: BF107160.D
Acq: 6 Jul 2018 8:40

Tgt Ion:165 Resp: 12538
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

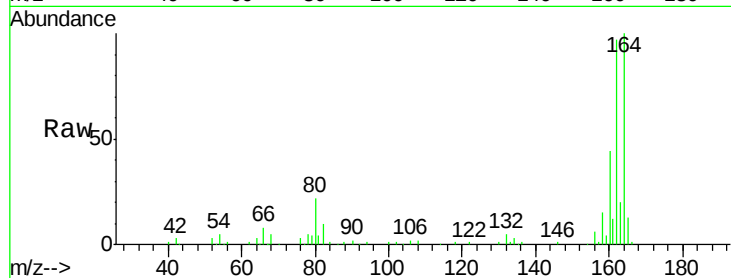




#56
 2,4-Dinitrotoluene
 Concen: 6.056 ng
 RT: 9.98 min Scan# 1300
 Delta R.T. -0.22 min
 Lab File: BF107160.D
 Acq: 6 Jul 2018 8:40

Instrument :
 BNA_F
 ClientSampleId :
 070218-TIPC-F-U-B

Tgt Ion:	165	Resp:	12538
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#

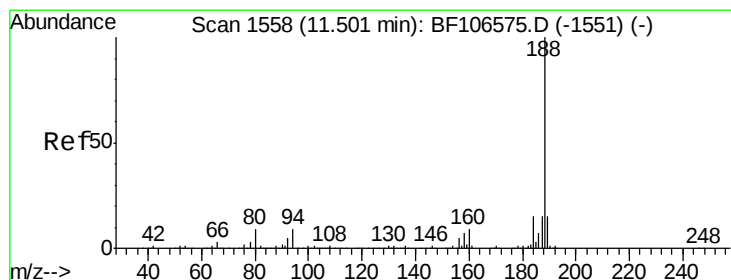
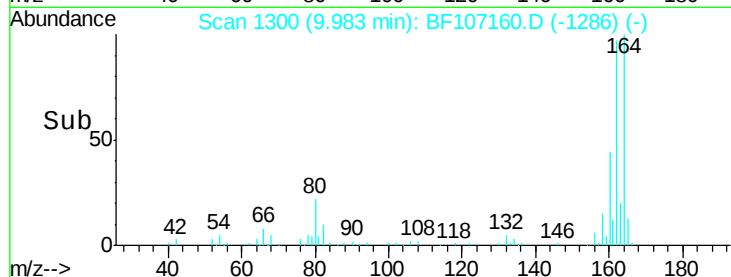
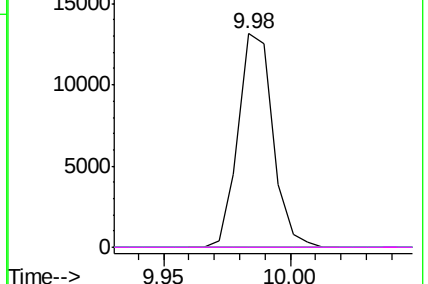


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

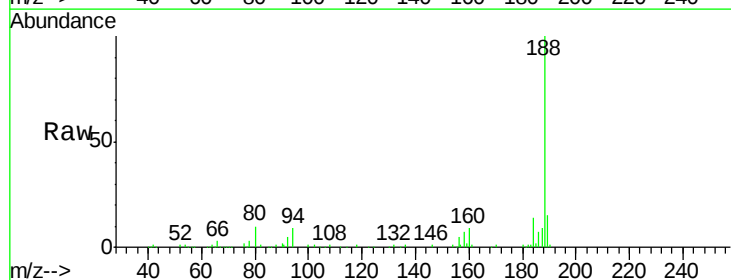
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1554
 Delta R.T. -0.02 min
 Lab File: BF107160.D
 Acq: 6 Jul 2018 8:40

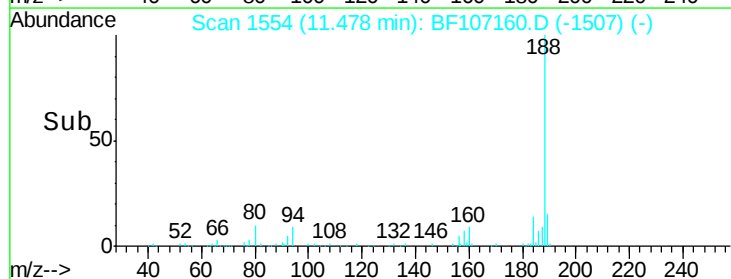
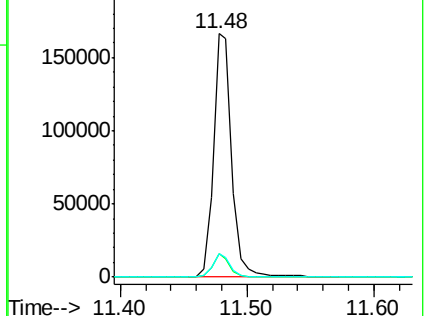
Tgt Ion:	188	Resp:	167582
Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	9.8	9.2	13.8

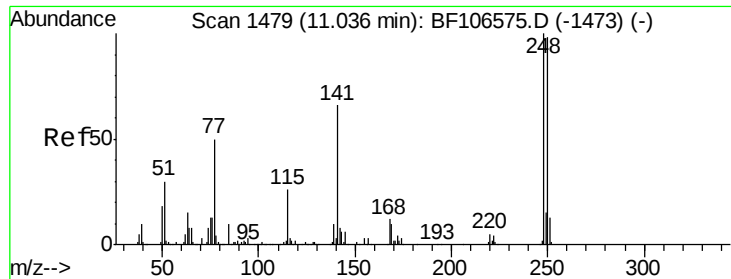


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

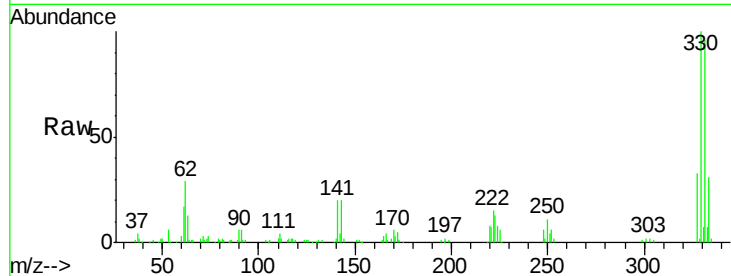




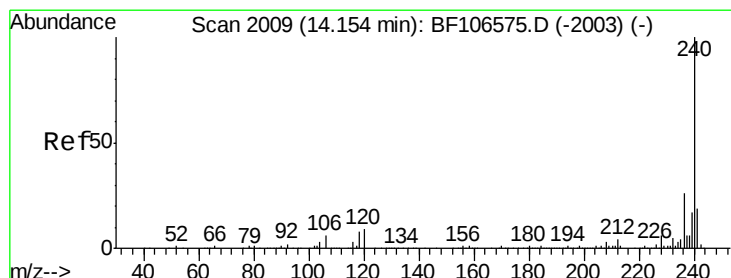
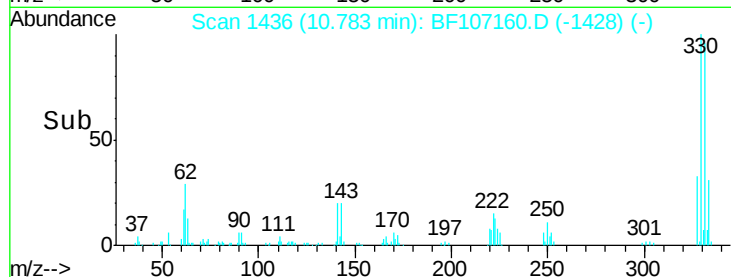
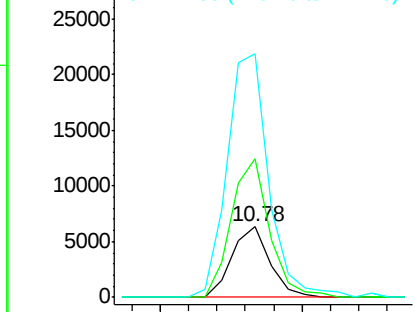
#66
 4-Bromophenyl-phenylether
 Concen: 2.961 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.25 min
 Lab File: BF107160.D
 Acq: 6 Jul 2018 8:40

Instrument :
 BNA_F
 ClientSampleId :
 070218-TIPC-F-U-B

Tgt Ion:248 Resp: 5922
 Ion Ratio Lower Upper
 248 100
 250 198.2 76.9 115.3#
 141 346.9 74.4 111.6#

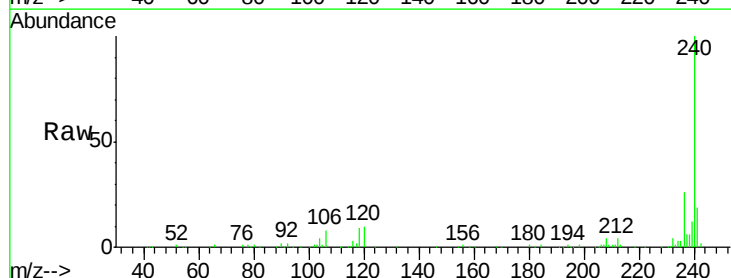


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

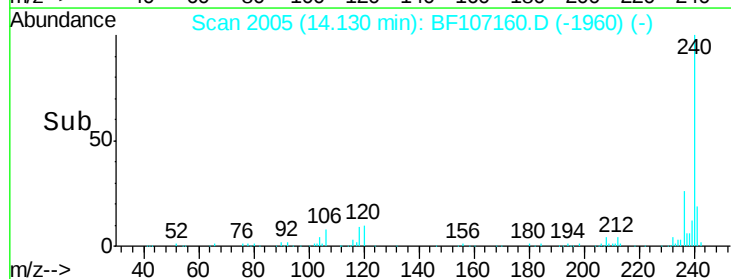
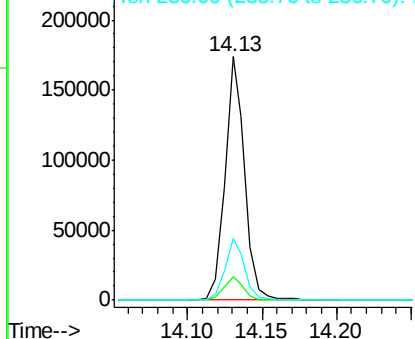


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2005
 Delta R.T. -0.04 min
 Lab File: BF107160.D
 Acq: 6 Jul 2018 8:40

Tgt Ion:240 Resp: 160072
 Ion Ratio Lower Upper
 240 100
 120 9.6 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

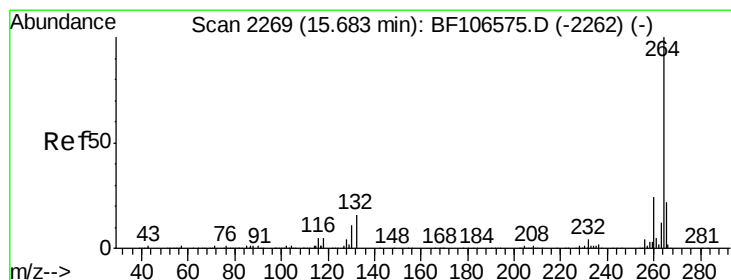
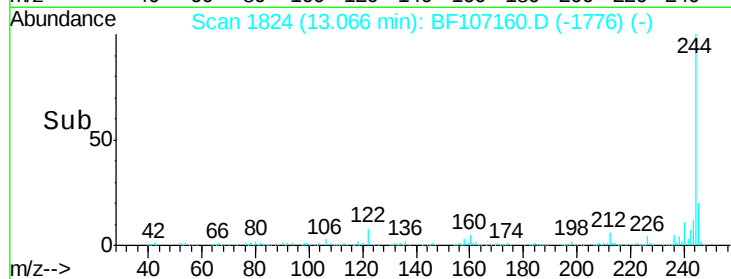
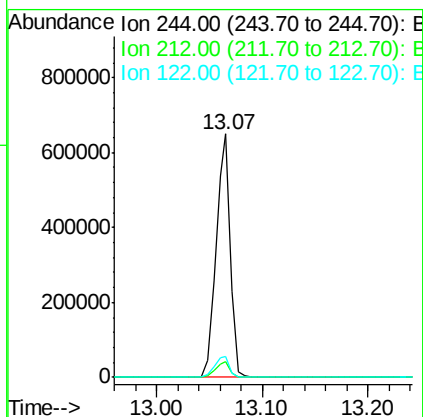
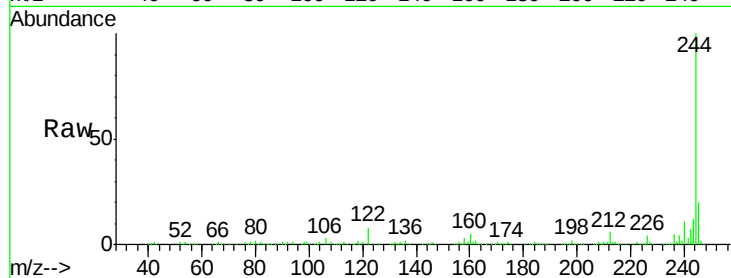




#78
 Terphenyl-d14
 Concen: 93.455 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF107160.D
 Acq: 6 Jul 2018 8:40

Instrument :
 BNA_F
 ClientSampleId :
 070218-TIPC-F-U-B

Tgt Ion:244 Resp: 617573
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 8.4 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: BF107160.D
 Acq: 6 Jul 2018 8:40

Tgt Ion:264 Resp: 112549
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.6 17.5 26.3

