

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071318\
 Data File : BF107393.D
 Acq On : 14 Jul 2018 4:01
 Operator : JU/SJ
 Sample : J3970-07
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 071118-TIPC-F-D-B

Quant Time: Jul 14 04:33:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 13 11:54:53 2018
 Response via : Initial Calibration

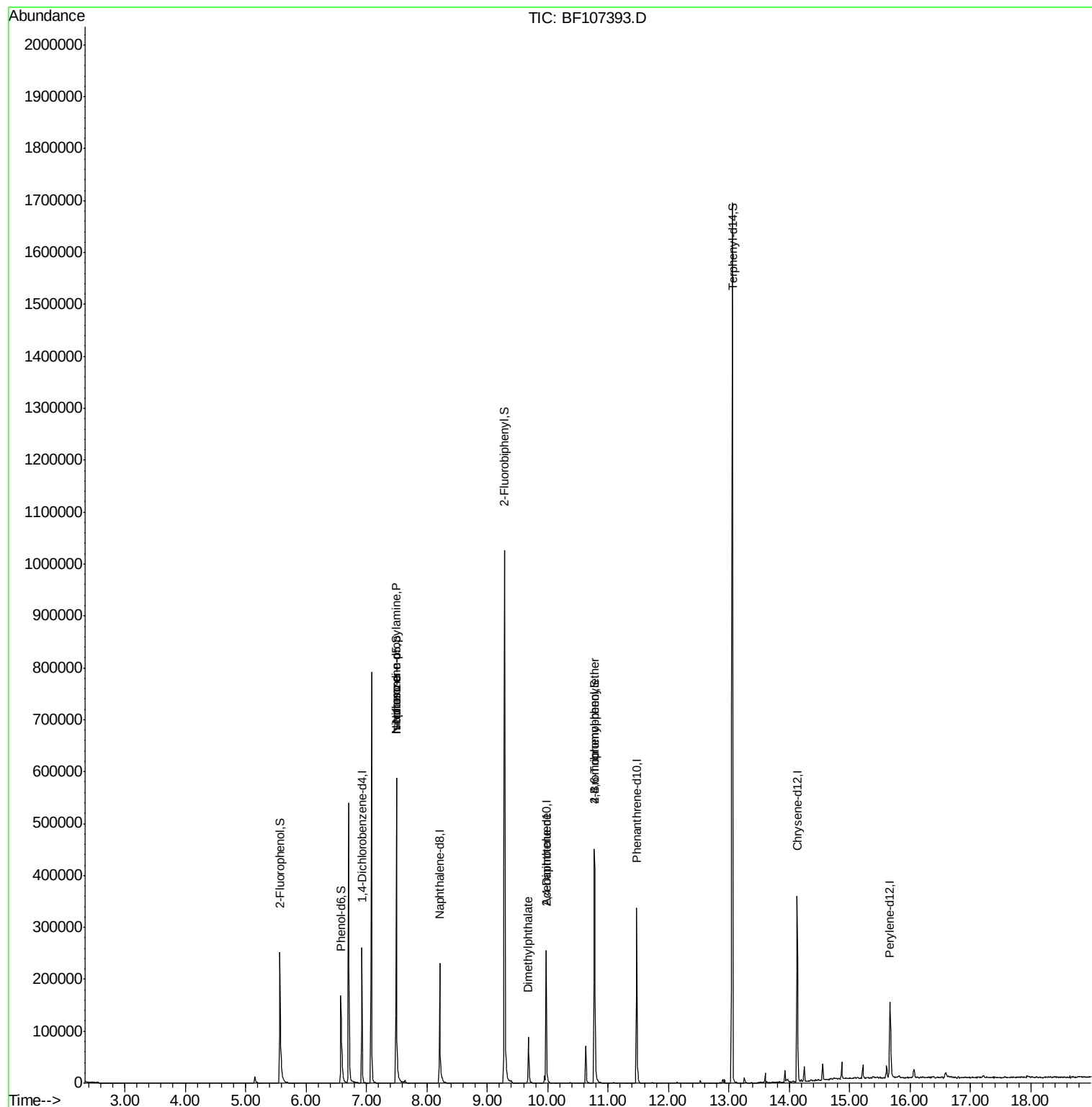
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	40123	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	135162	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	65940	20.00	ng	0.00
63) Phenanthrene-d10	11.47	188	147621	20.00	ng	0.00
75) Chrysene-d12	14.13	240	137080	20.00	ng	0.00
86) Perylene-d12	15.67	264	93274	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	104425	44.07	ng	0.00
7) Phenol-d6	6.58	99	82021	27.72	ng	0.00
23) Nitrobenzene-d5	7.50	82	212412	87.34	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	81046	106.04	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	420173	112.65	ng	0.00
78) Terphenyl-d14	13.06	244	657963	116.27	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.50	70	27538	14.118	ng	# 74
25) Isophorone	7.50	82	212409	49.562	ng	# 64
49) Dimethylphthalate	9.68	163	46928	9.489	ng	# 95
56) 2,4-Dinitrotoluene	9.97	165	8469	6.196	ng	# 21
66) 4-Bromophenyl-phenylether	10.77	248	4907	2.785	ng	# 1

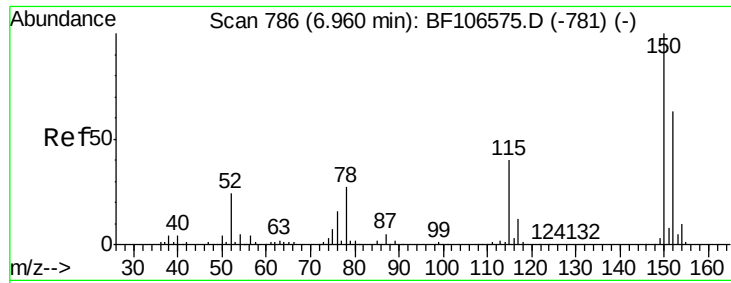
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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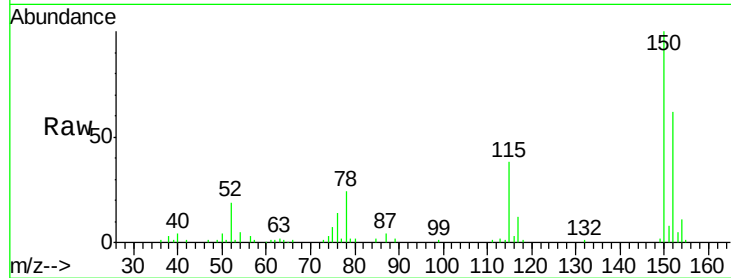


#1

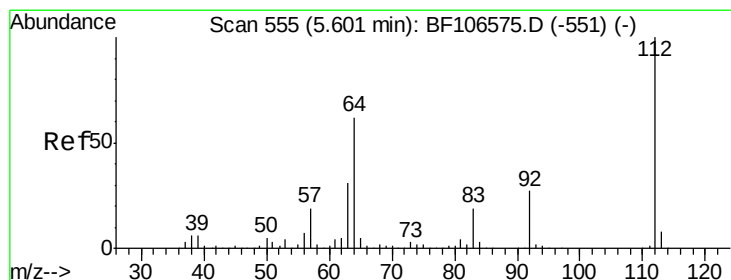
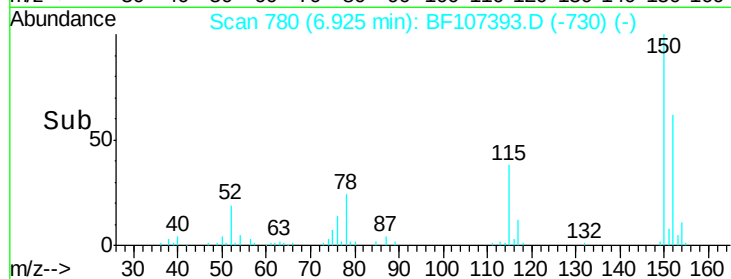
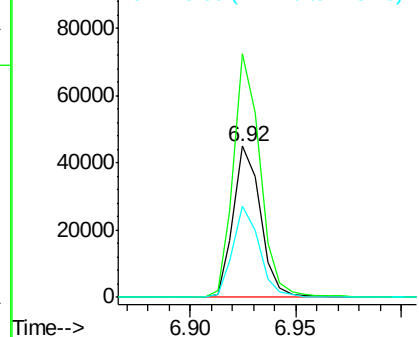
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF107393.D
Acq: 14 Jul 2018 4:01

Instrument :
BNA_F
ClientSampleId :
071118-TIPC-F-D-B

Tgt Ion:152 Resp: 40123
Ion Ratio Lower Upper
152 100
150 160.8 124.6 186.8
115 60.4 50.1 75.1



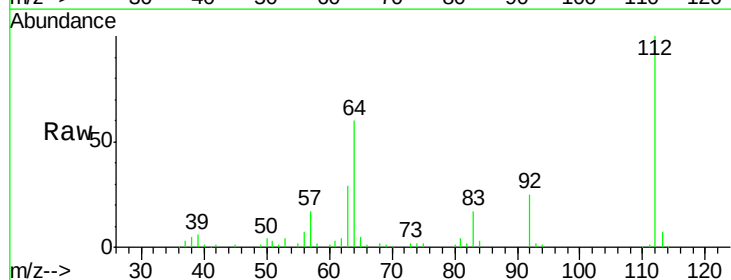
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



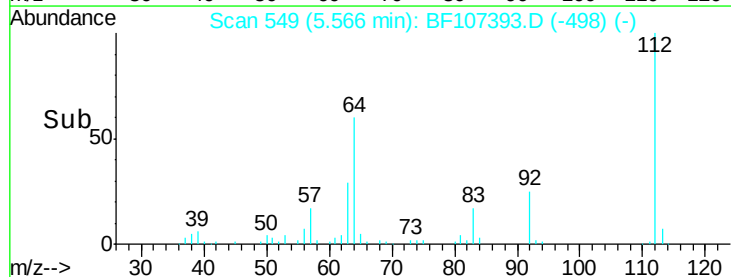
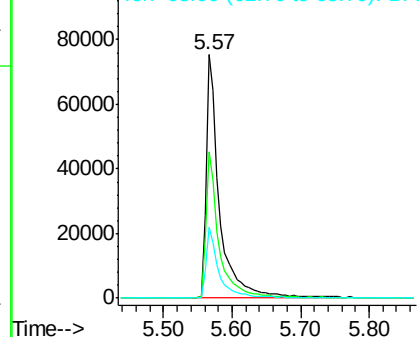
#5

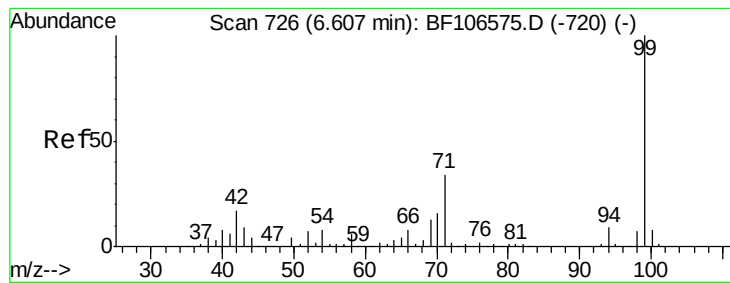
2-Fluorophenol
Concen: 44.071 ng
RT: 5.57 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF107393.D
Acq: 14 Jul 2018 4:01

Tgt Ion:112 Resp: 104425
Ion Ratio Lower Upper
112 100
64 60.0 47.9 71.9
63 28.9 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: 27.719 ng

RT: 6.58 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF107393.D

Acq: 14 Jul 2018 4:01

Instrument :

BNA_F

ClientSampleId :

071118-TIPC-F-D-B

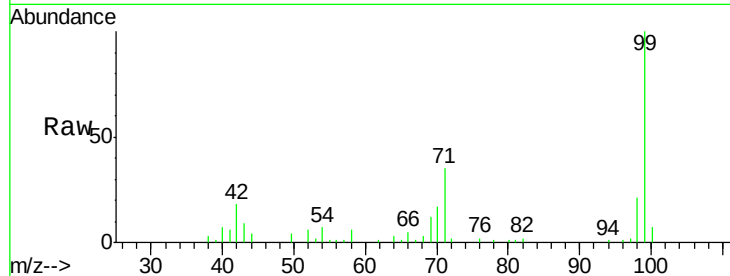
Tgt Ion: 99 Resp: 82021

Ion Ratio Lower Upper

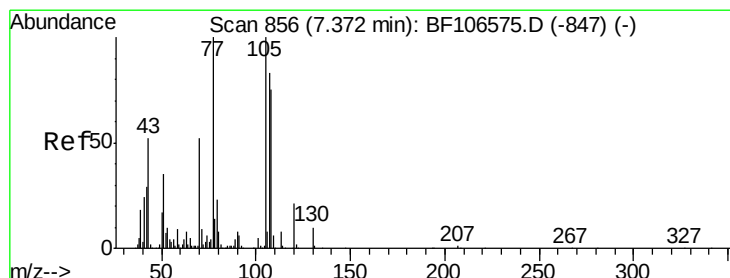
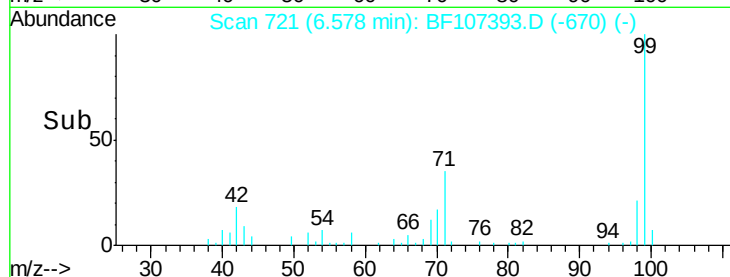
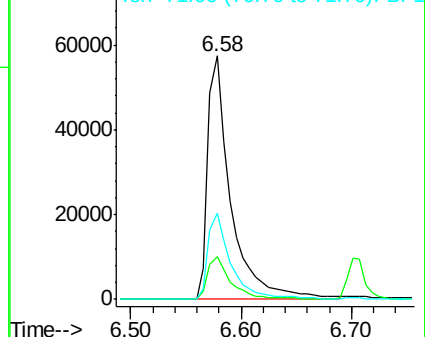
99 100

42 17.7 14.5 21.7

71 35.4 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



#19

n-Nitroso-di-n-propylamine

Concen: 14.118 ng

RT: 7.50 min Scan# 877

Delta R.T. 0.15 min

Lab File: BF107393.D

Acq: 14 Jul 2018 4:01

Tgt Ion: 70 Resp: 27538

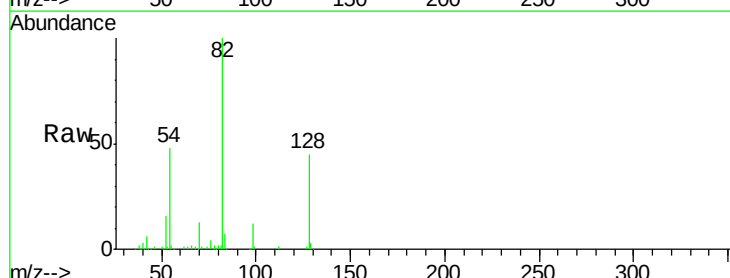
Ion Ratio Lower Upper

70 100

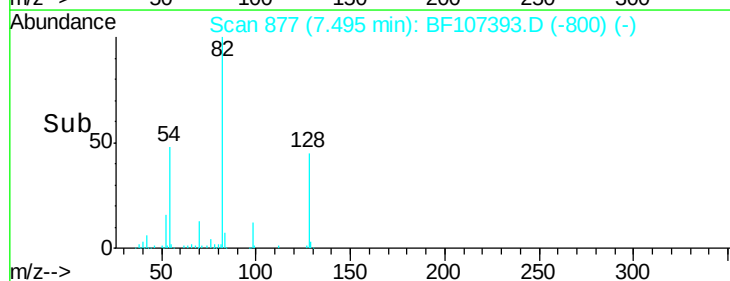
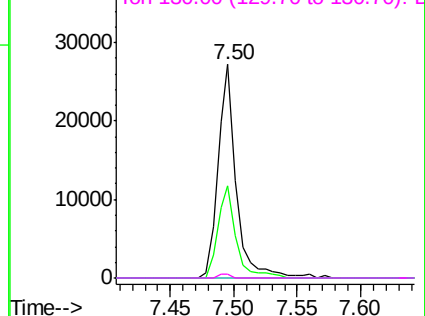
42 43.1 47.5 71.3#

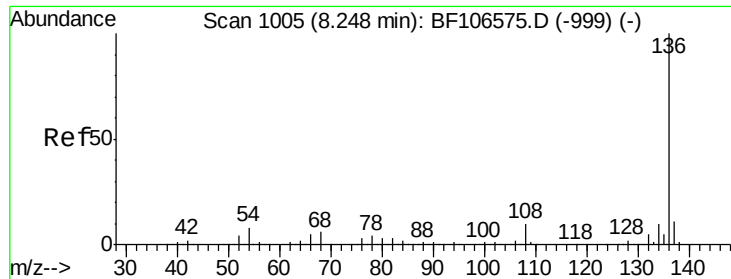
101 0.0 7.4 11.2#

130 2.0 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

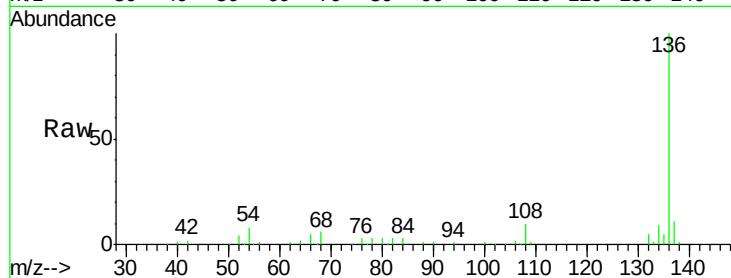




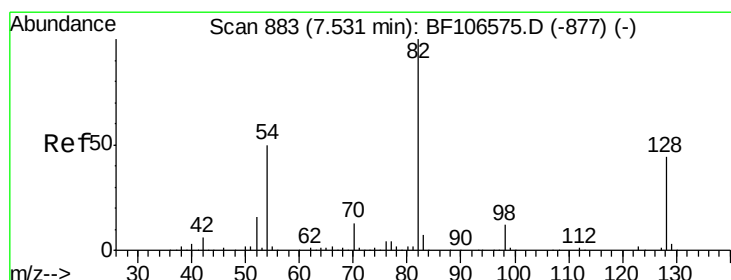
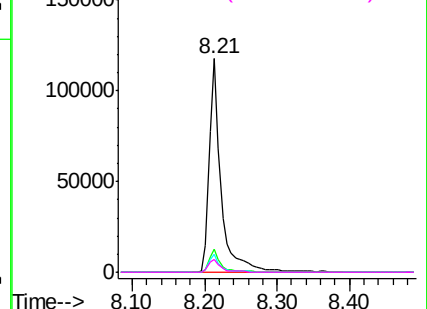
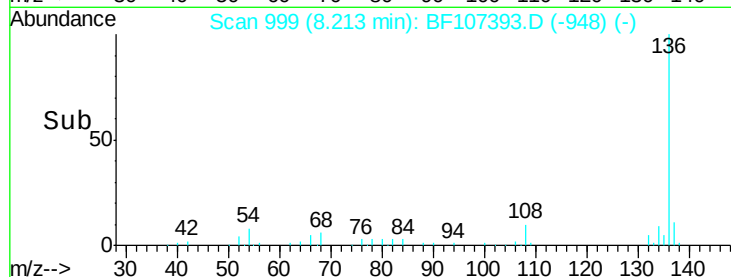
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF107393.D
Acq: 14 Jul 2018 4:01

Instrument :
BNA_F
ClientSampleId :
071118-TIPC-F-D-B

Tgt Ion:	136	Resp:	135162
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	8.3	6.6	9.8
68	6.0	5.0	7.4

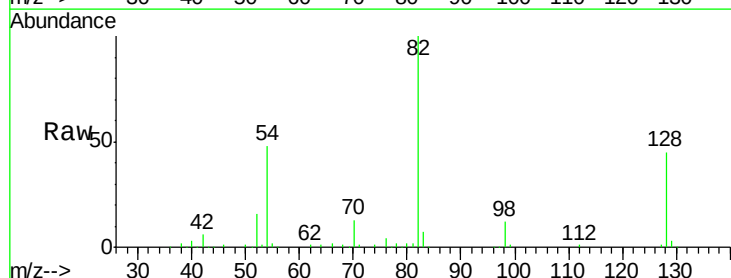


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

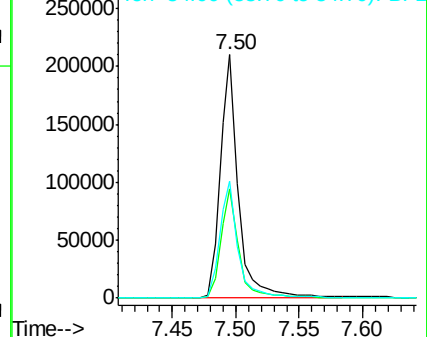
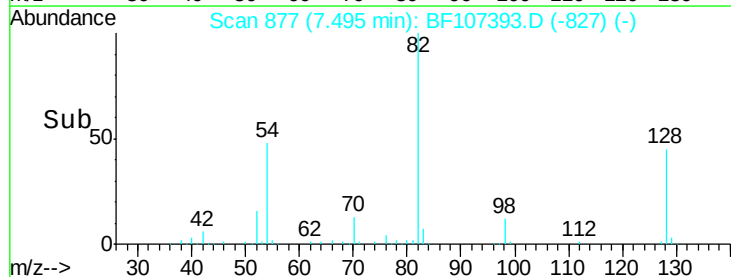


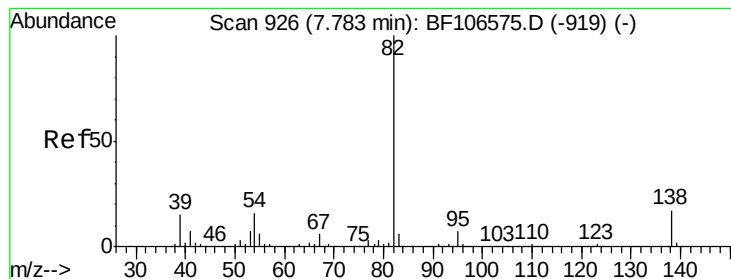
#23
Nitrobenzene-d5
Concen: 87.336 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF107393.D
Acq: 14 Jul 2018 4:01

Tgt Ion:	82	Resp:	212412
Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	48.0	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: 49.562 ng

RT: 7.50 min Scan# 877

Delta R.T. -0.26 min

Lab File: BF107393.D

Acq: 14 Jul 2018 4:01

Instrument :

BNA_F

ClientSampleId :

071118-TIPC-F-D-B

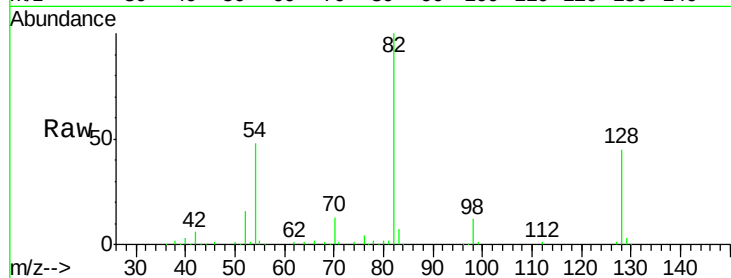
Tgt Ion: 82 Resp: 212409

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

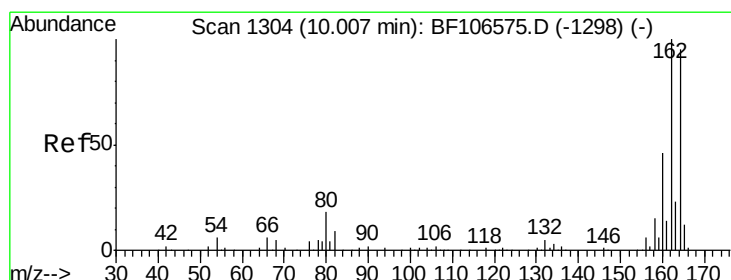
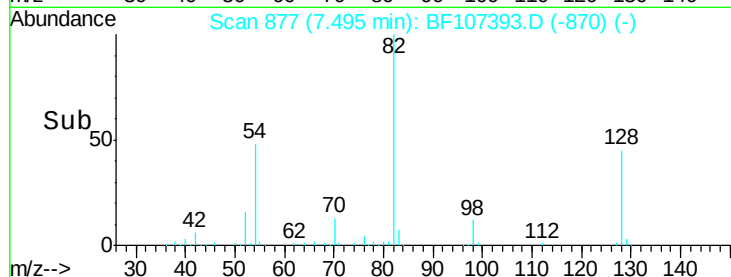
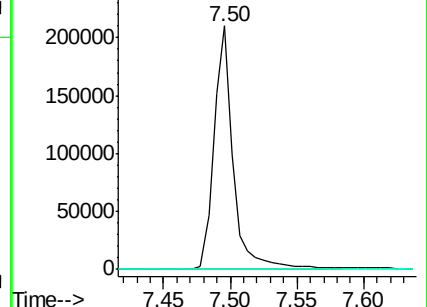
138 0.0 14.9 22.3#



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: 9.97 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF107393.D

Acq: 14 Jul 2018 4:01

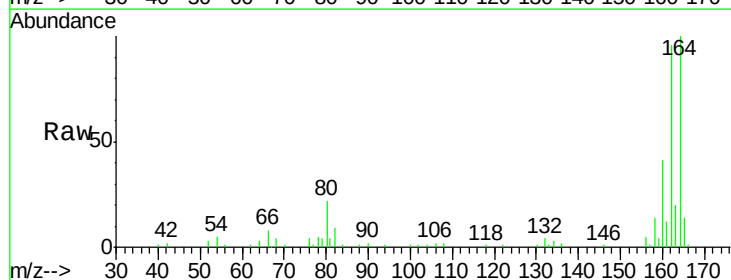
Tgt Ion: 164 Resp: 65940

Ion Ratio Lower Upper

164 100

162 96.0 86.1 129.1

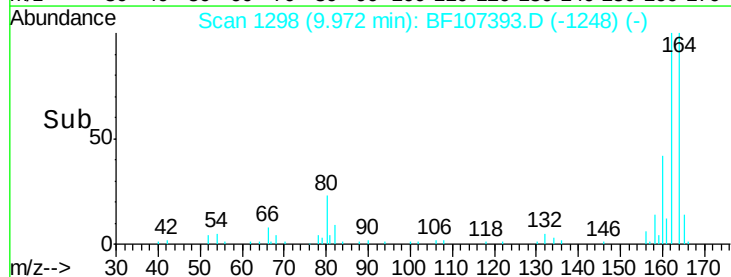
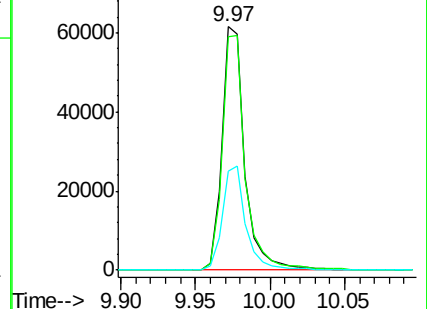
160 40.7 38.3 57.5

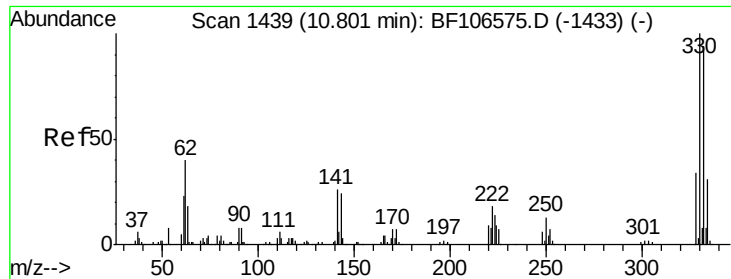


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

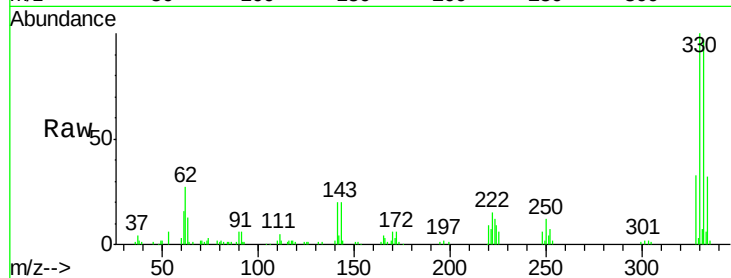




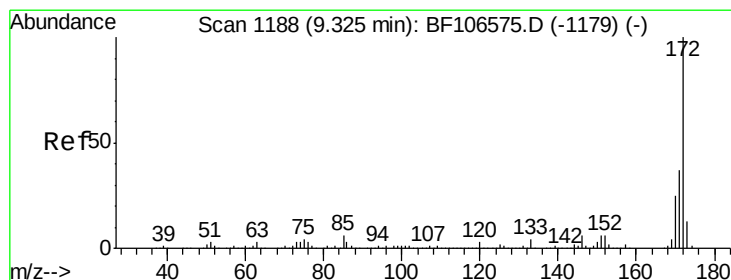
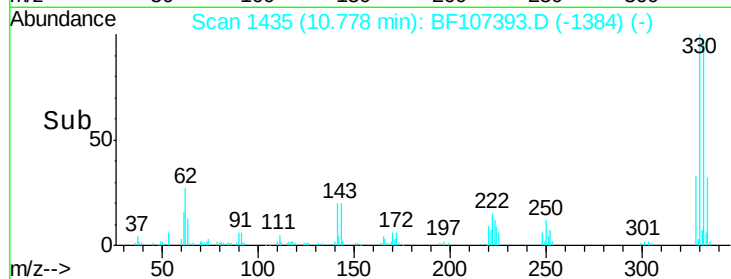
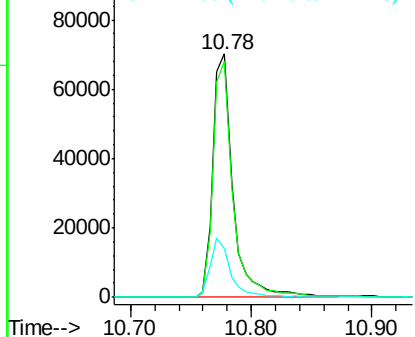
#41
 2,4,6-Tribromophenol
 Concen: 106.045 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF107393.D
 Acq: 14 Jul 2018 4:01

Instrument :
 BNA_F
 ClientSampleId :
 071118-TIPC-F-D-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	24.2	29.9	44.9#

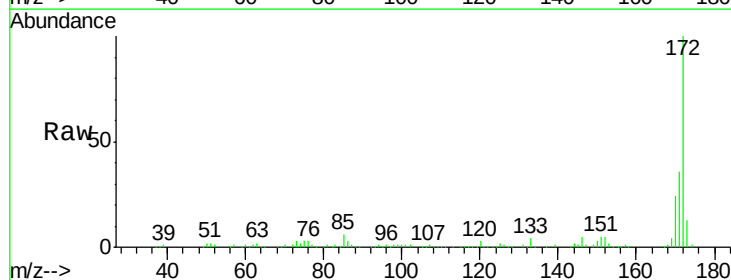


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

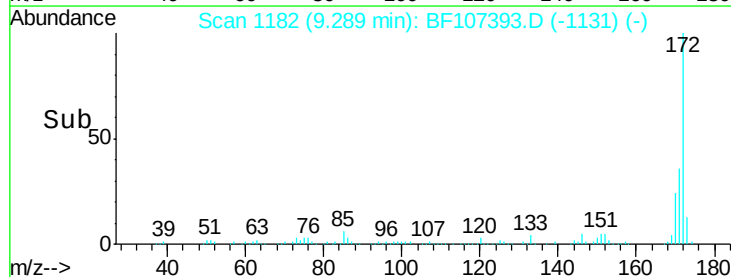
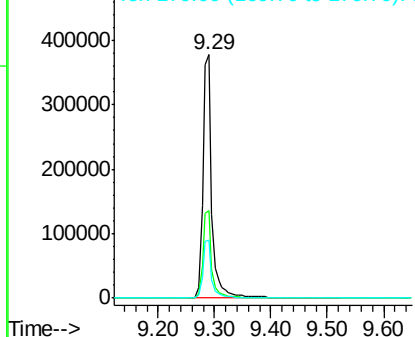


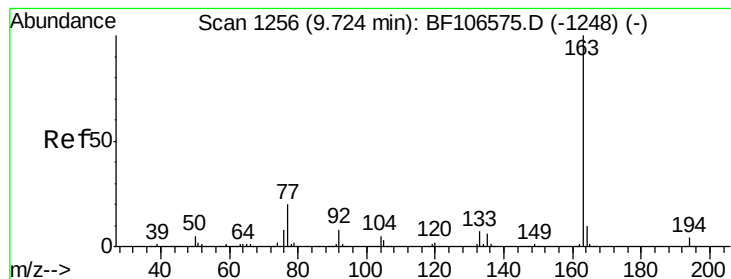
#44
 2-Fluorobiphenyl
 Concen: 112.654 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF107393.D
 Acq: 14 Jul 2018 4:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.7	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: 9.489 ng

RT: 9.68 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BF107393.D

Acq: 14 Jul 2018 4:01

Instrument :

BNA_F

ClientSampleId :

071118-TIPC-F-D-B

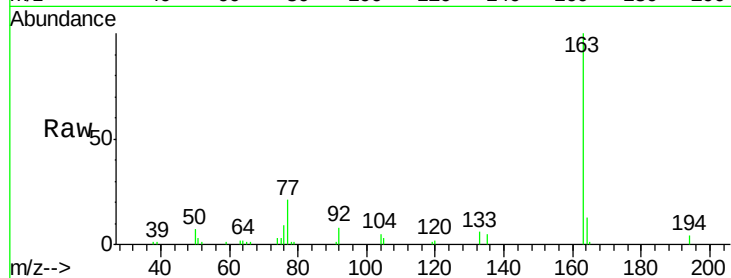
Tgt Ion:163 Resp: 46928

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

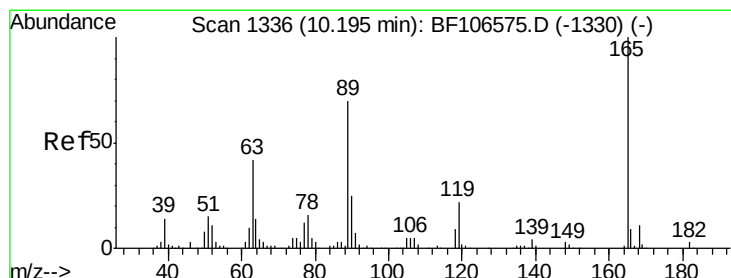
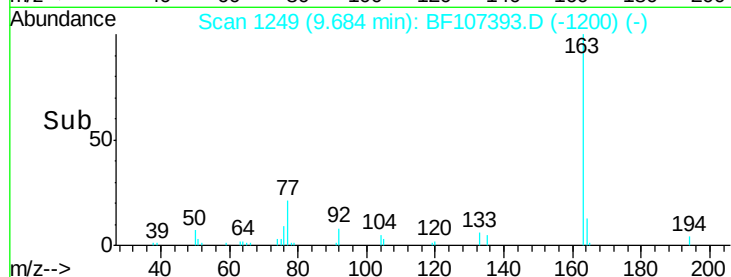
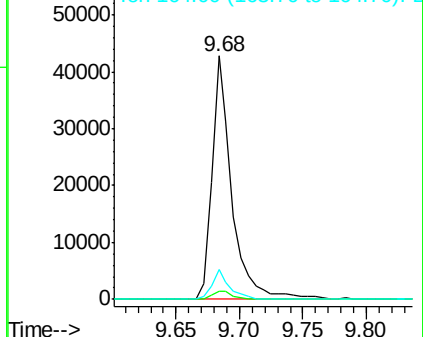
164 12.5 8.2 12.2#



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



#56

2,4-Dinitrotoluene

Concen: 6.196 ng

RT: 9.97 min Scan# 1298

Delta R.T. -0.21 min

Lab File: BF107393.D

Acq: 14 Jul 2018 4:01

Tgt Ion:165 Resp: 8469

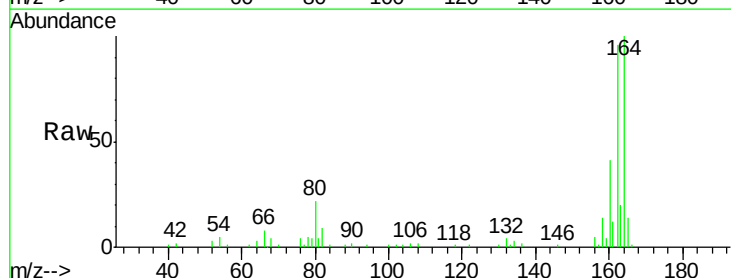
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

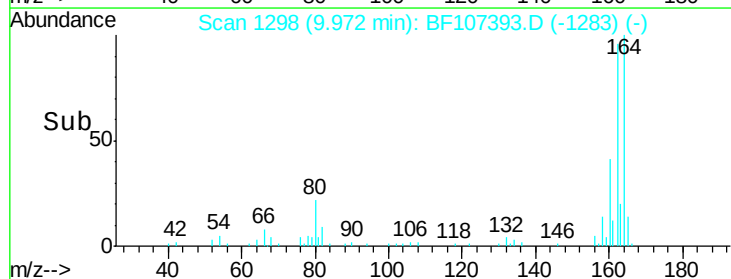
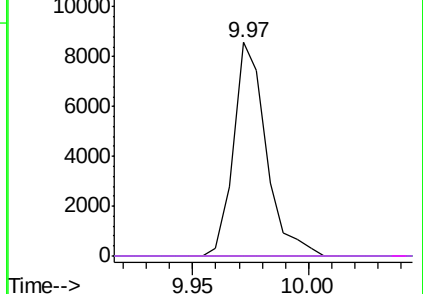


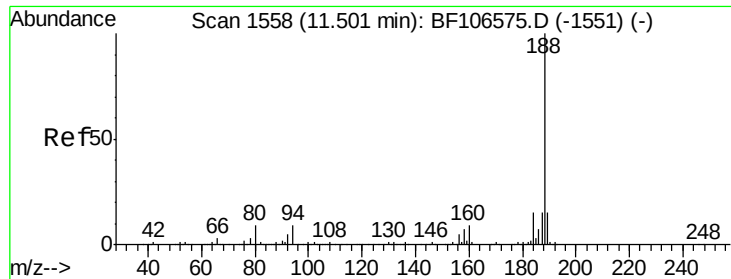
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.47 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BF107393.D

Acq: 14 Jul 2018 4:01

Instrument :

BNA_F

ClientSampleId :

071118-TIPC-F-D-B

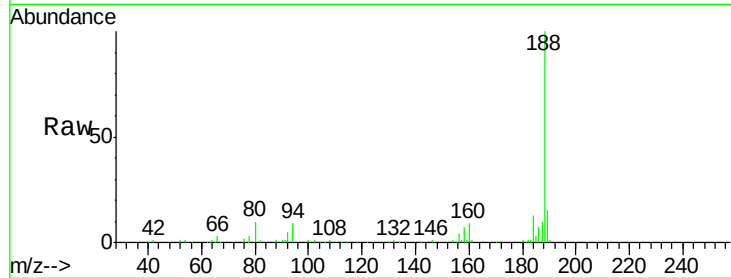
Tgt Ion:188 Resp: 147621

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

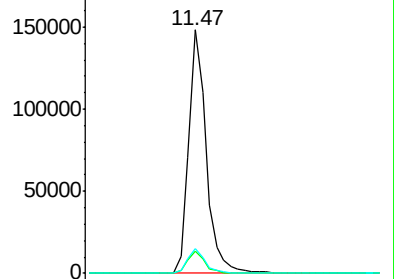
80 10.3 9.2 13.8



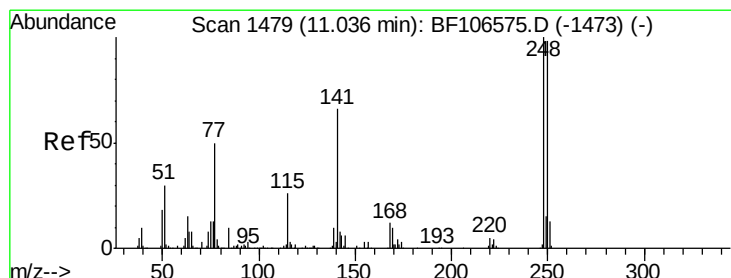
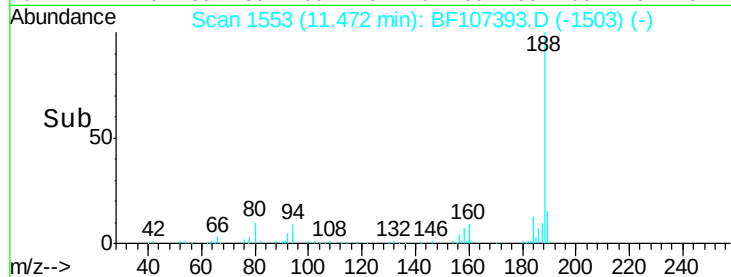
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#66

4-Bromophenyl-phenylether

Concen: 2.785 ng

RT: 10.77 min Scan# 1434

Delta R.T. -0.24 min

Lab File: BF107393.D

Acq: 14 Jul 2018 4:01

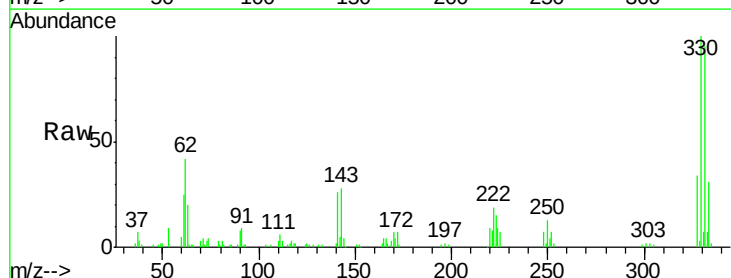
Tgt Ion:248 Resp: 4907

Ion Ratio Lower Upper

248 100

250 185.7 76.9 115.3#

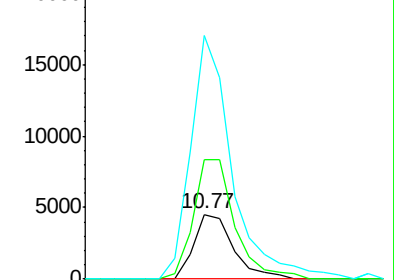
141 377.8 74.4 111.6#



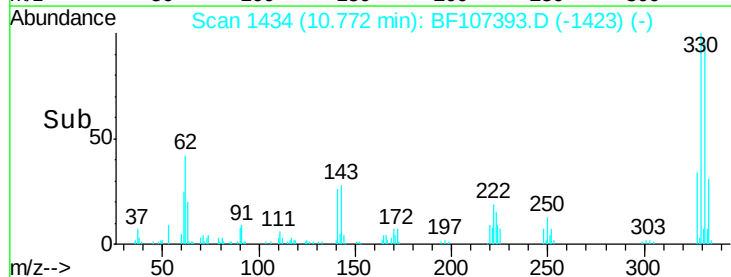
Abundance Ion 248.00 (247.70 to 248.70): E

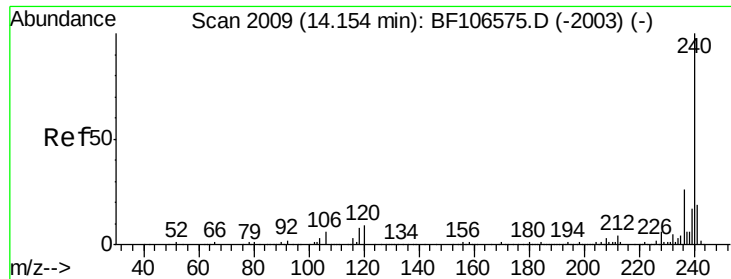
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->

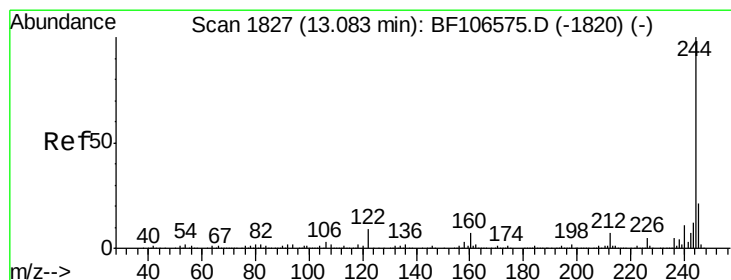
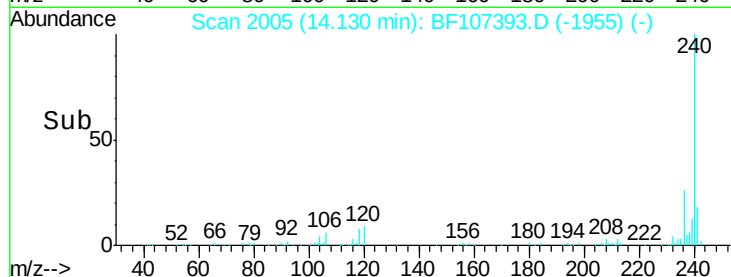
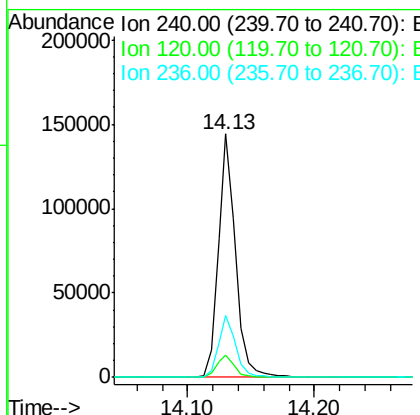
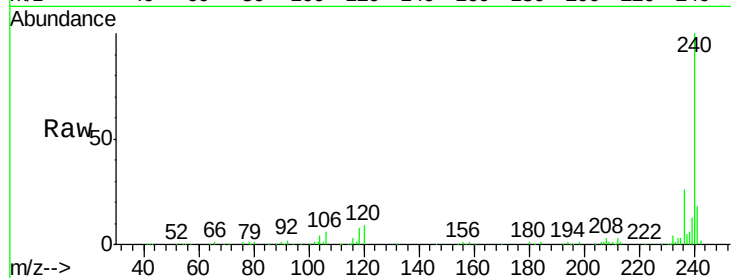




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BF107393.D
 Acq: 14 Jul 2018 4:01

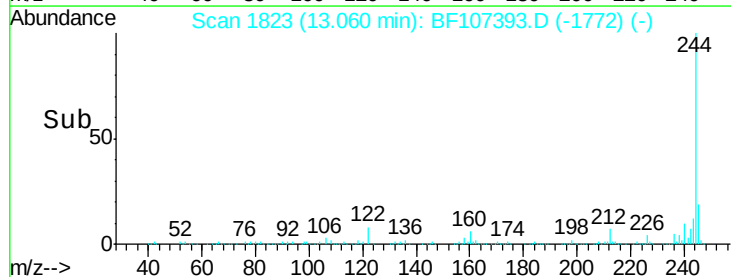
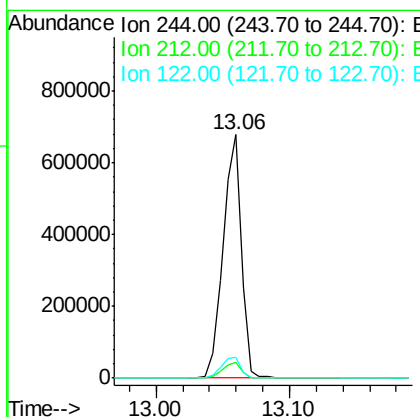
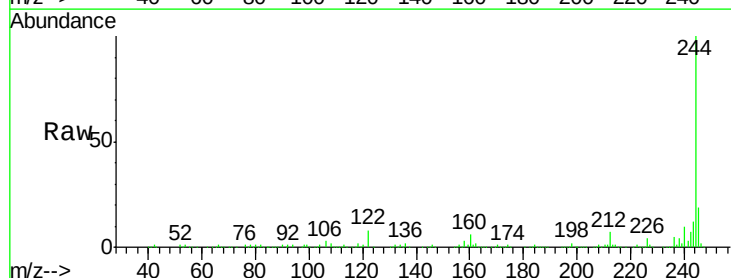
Instrument :
 BNA_F
 ClientSampleId :
 071118-TIPC-F-D-B

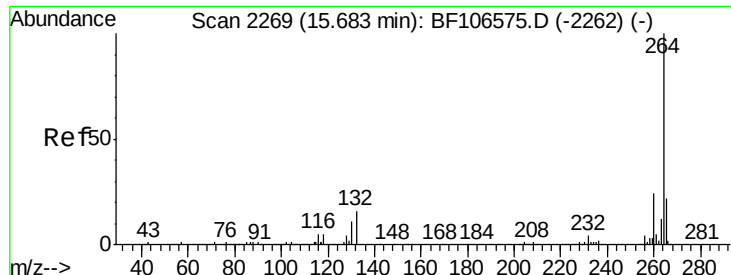
Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.5	14.3#
236	25.6	20.7	31.1



#78
 Terphenyl-d14
 Concen: 116.267 ng
 RT: 13.06 min Scan# 1823
 Delta R.T. 0.00 min
 Lab File: BF107393.D
 Acq: 14 Jul 2018 4:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	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. 0.00 min
Lab File: BF107393.D
Acq: 14 Jul 2018 4:01

Instrument :
BNA_F
ClientSampleId :
071118-TIPC-F-D-B

Tgt Ion:	264	Resp:	93274
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	20.1	17.5	26.3

