

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062818\
 Data File : BF106939.D
 Acq On : 28 Jun 2018 23:37
 Operator : JU/SJ
 Sample : J3745-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-8(55-57)

Quant Time: Jun 29 01:12:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

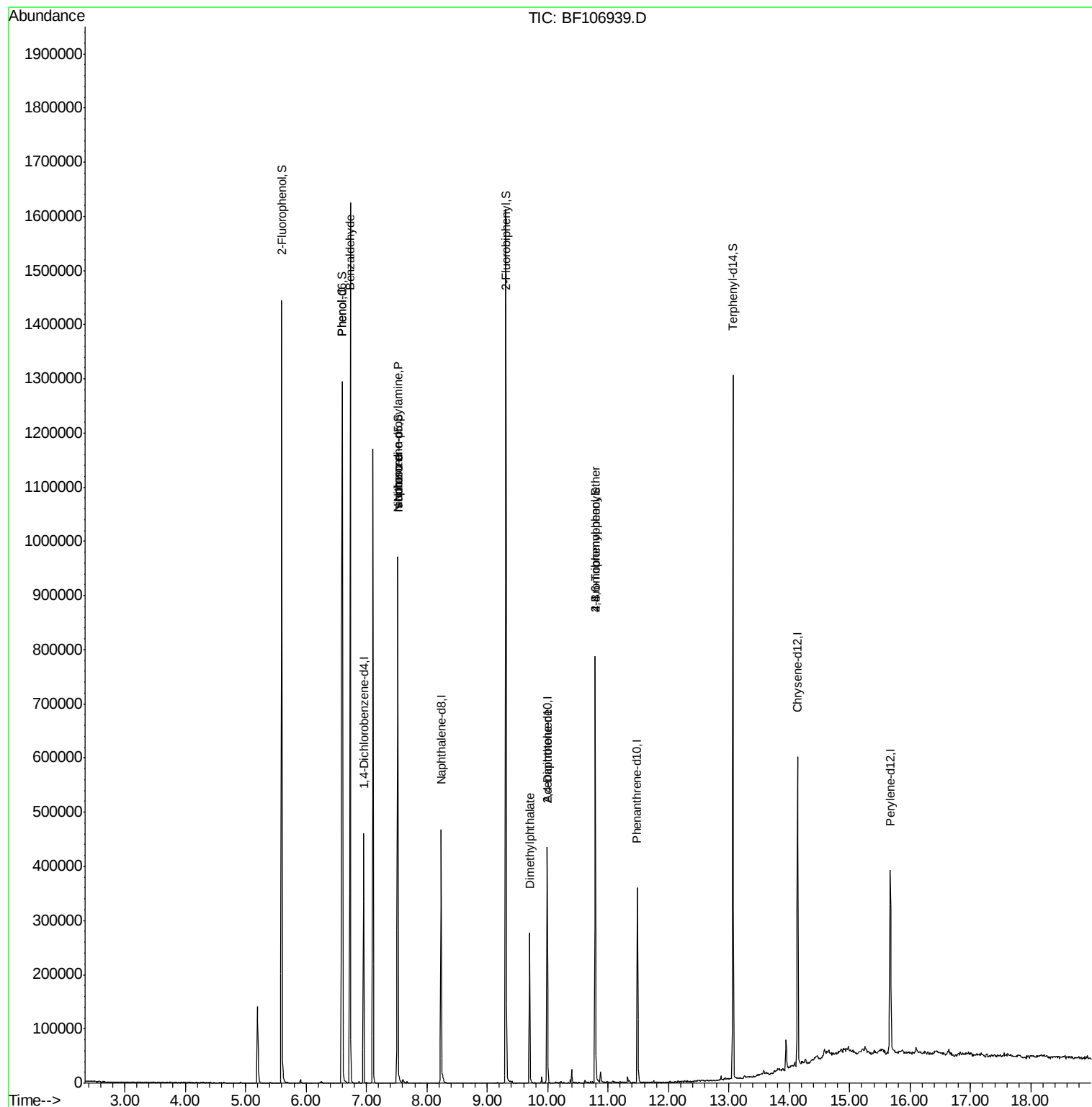
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	64669	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	225219	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	91340	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	155714	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	199583	20.00	ng	-0.03
86) Perylene-d12	15.67	264	181916	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	435313	113.98	ng	0.00
7) Phenol-d6	6.60	99	531373	111.42	ng	-0.01
23) Nitrobenzene-d5	7.52	82	314542	77.61	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	121363	114.64	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	506216	95.66	ng	-0.02
78) Terphenyl-d14	13.07	244	503993	61.17	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.73	77	9625	2.396	ng	Qvalue 84
10) Phenol	6.61	94	10984	2.018	ng	# 74
19) n-Nitroso-di-n-propylamine	7.52	70	41384	13.164	ng	# 71
25) Isophorone	7.52	82	314536	44.045	ng	# 64
49) Dimethylphthalate	9.70	163	115076	16.798	ng	99
56) 2,4-Dinitrotoluene	10.00	165	11220	5.926	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	7664	4.124	ng	# 1

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

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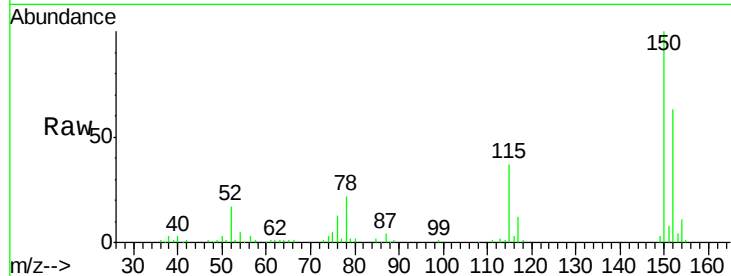




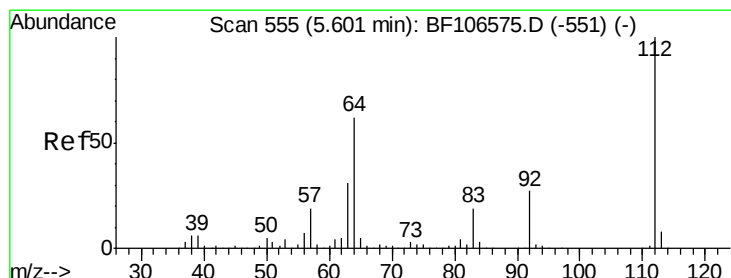
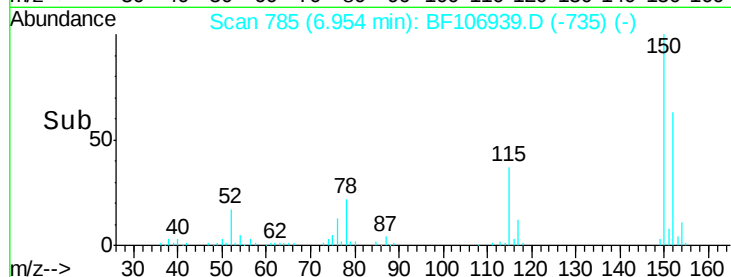
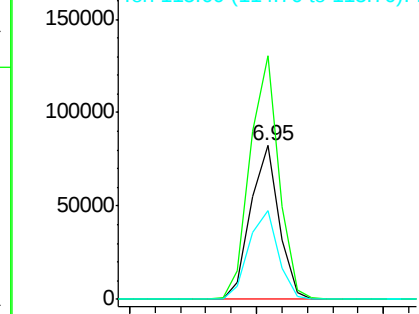
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF106939.D
 Acq: 28 Jun 2018 23:37

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-8(55-57)

Tgt Ion:152 Resp: 64669
 Ion Ratio Lower Upper
 152 100
 150 158.6 124.6 186.8
 115 58.1 50.1 75.1

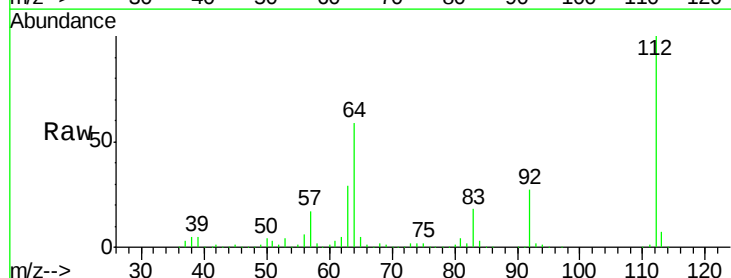


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

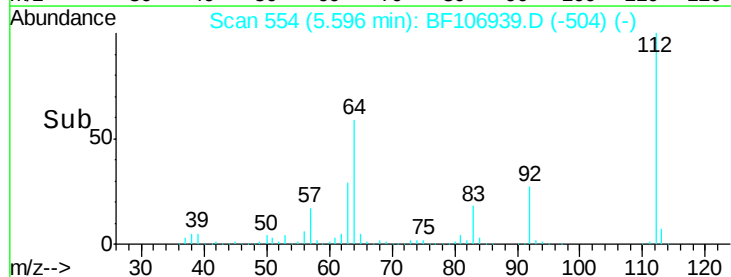
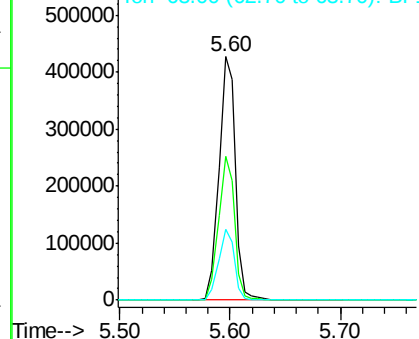


#5
 2-Fluorophenol
 Concen: 113.984 ng
 RT: 5.60 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF106939.D
 Acq: 28 Jun 2018 23:37

Tgt Ion:112 Resp: 435313
 Ion Ratio Lower Upper
 112 100
 64 59.2 47.9 71.9
 63 29.2 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: 111.416 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106939.D

Acq: 28 Jun 2018 23:37

Instrument :

BNA_F

ClientSampleId :

EPE-106-8(55-57)

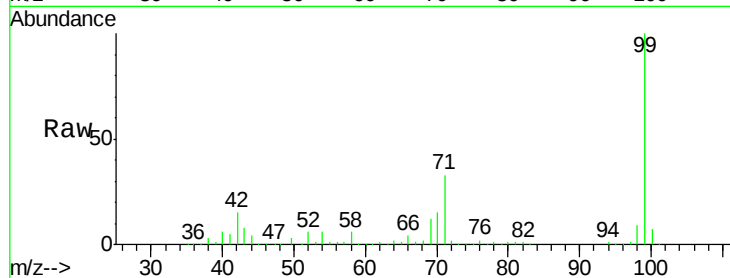
Tgt Ion: 99 Resp: 531373

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

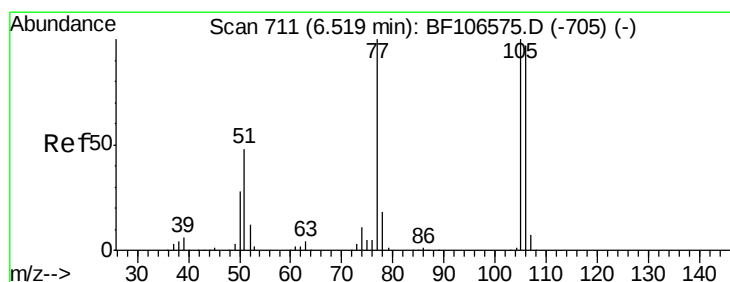
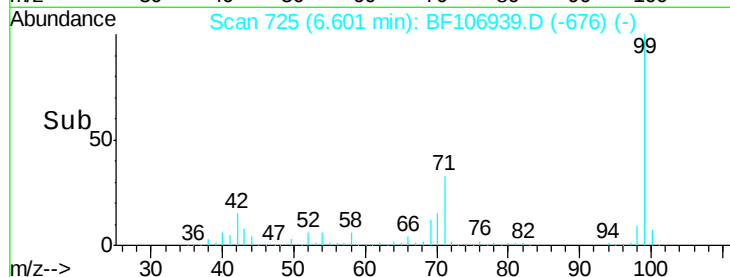
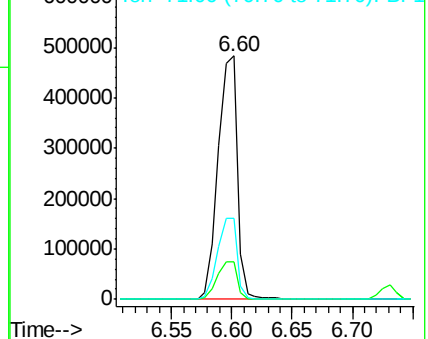
71 33.1 25.4 38.0



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: 2.396 ng

RT: 6.73 min Scan# 747

Delta R.T. 0.21 min

Lab File: BF106939.D

Acq: 28 Jun 2018 23:37

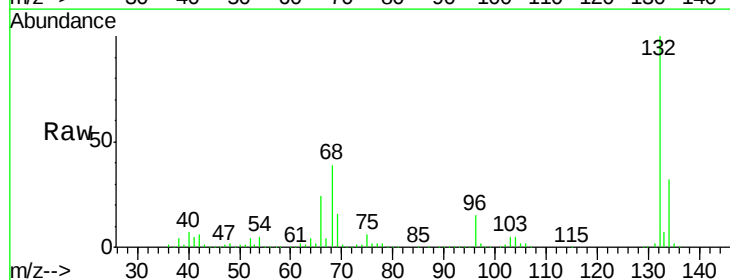
Tgt Ion: 77 Resp: 9625

Ion Ratio Lower Upper

77 100

105 81.8 81.1 121.1

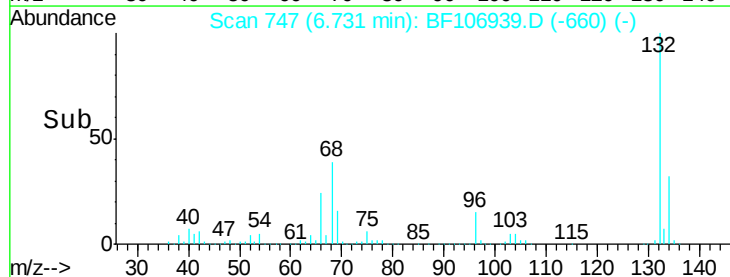
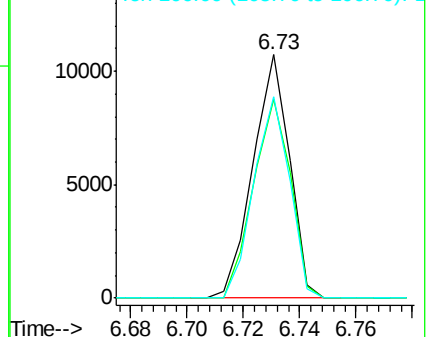
106 82.6 74.5 114.5

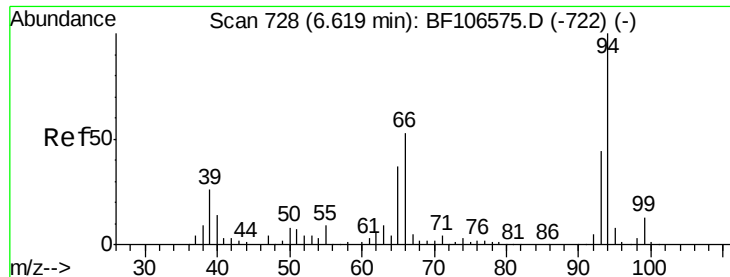


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 2.018 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF106939.D

Acq: 28 Jun 2018 23:37

Instrument :

BNA_F

ClientSampleId :

EPE-106-8(55-57)

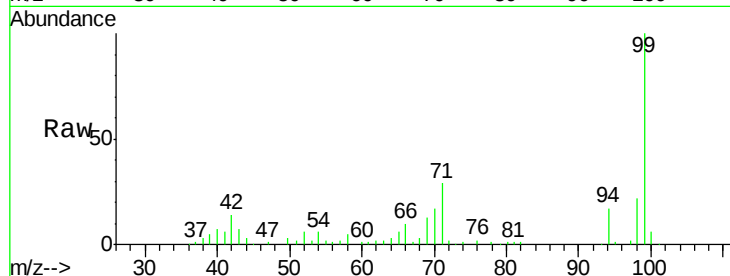
Tgt Ion: 94 Resp: 10984

Ion Ratio Lower Upper

94 100

65 32.8 7.9 47.9

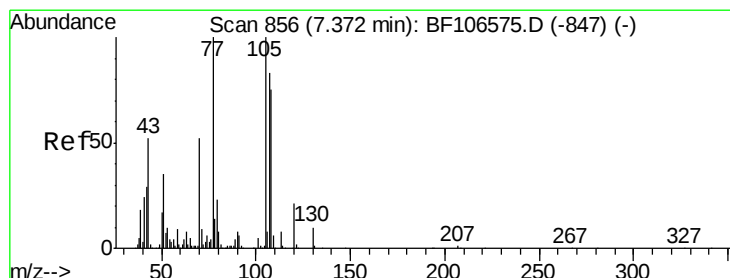
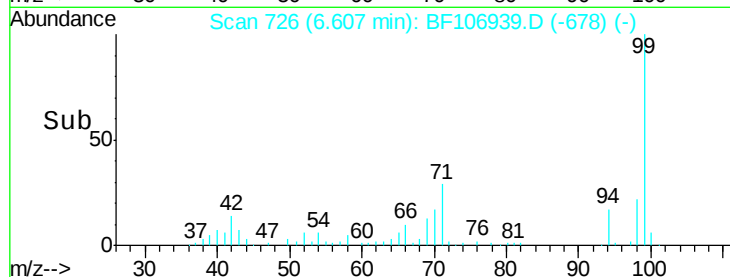
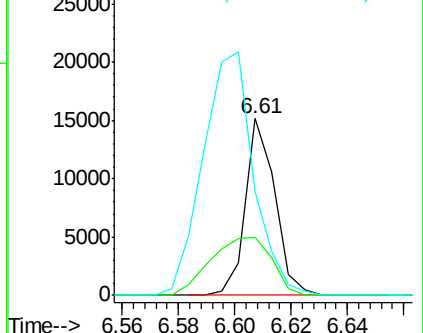
66 58.6 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 13.164 ng

RT: 7.52 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF106939.D

Acq: 28 Jun 2018 23:37

Tgt Ion: 70 Resp: 41384

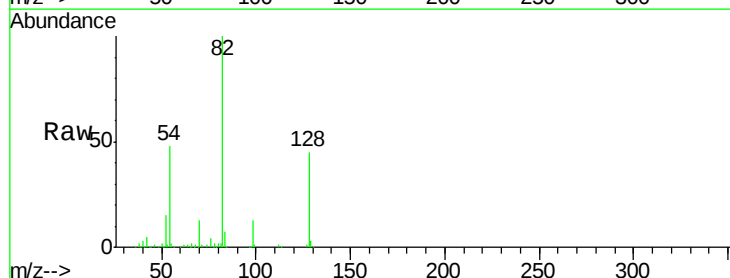
Ion Ratio Lower Upper

70 100

42 40.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

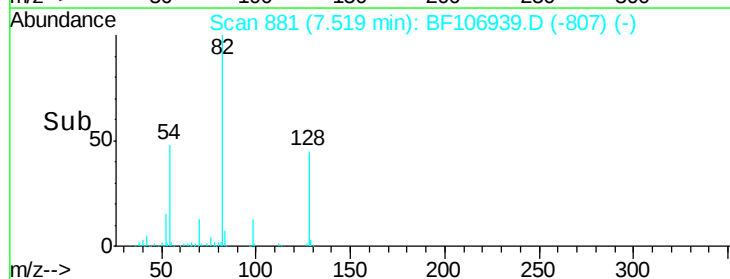
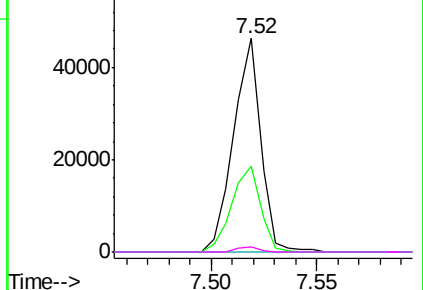


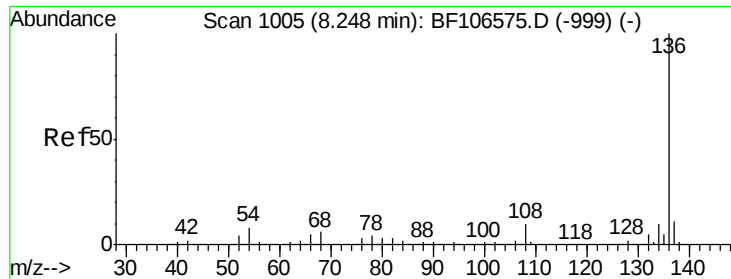
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

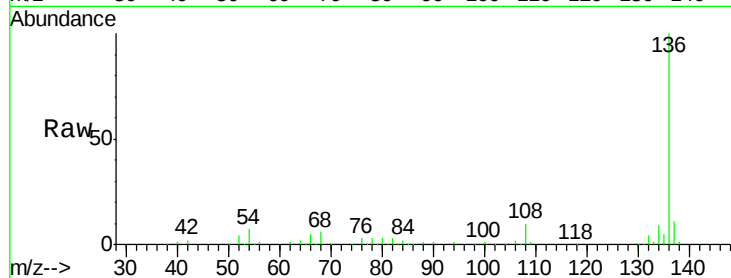




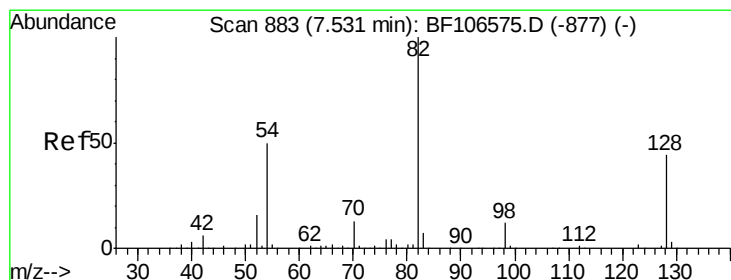
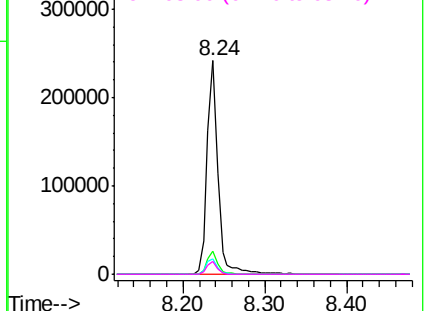
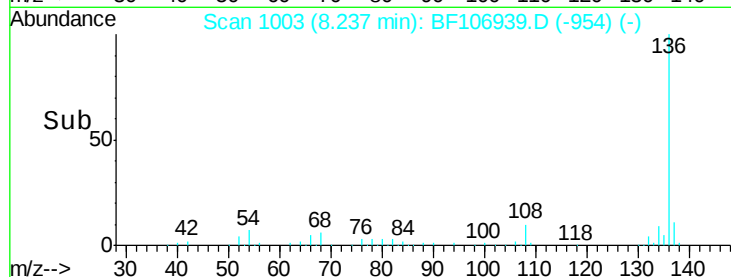
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106939.D
Acq: 28 Jun 2018 23:37

Instrument :
BNA_F
ClientSampleId :
EPE-106-8(55-57)

Tgt Ion:	136	Resp:	225219
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.3	6.6	9.8
68	5.7	5.0	7.4

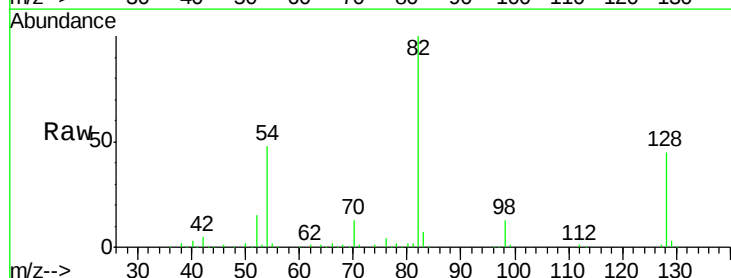


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

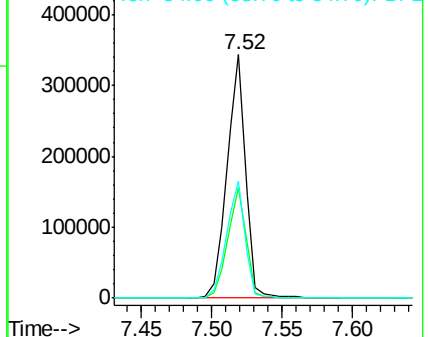
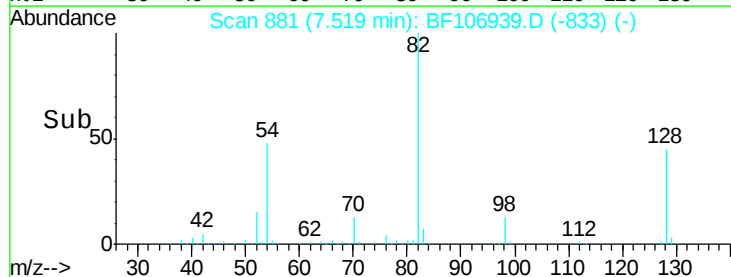


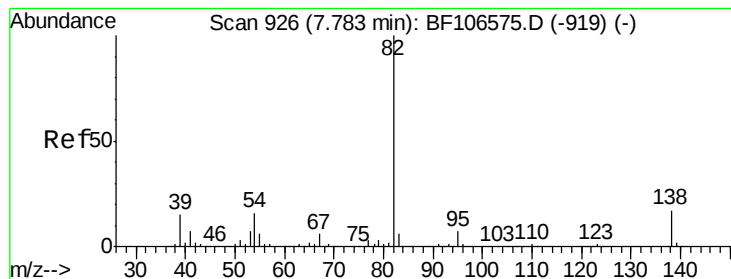
#23
Nitrobenzene-d5
Concen: 77.614 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF106939.D
Acq: 28 Jun 2018 23:37

Tgt Ion:	82	Resp:	314542
Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	48.2	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: 44.045 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.27 min

Lab File: BF106939.D

Acq: 28 Jun 2018 23:37

Instrument :

BNA_F

ClientSampleId :

EPE-106-8(55-57)

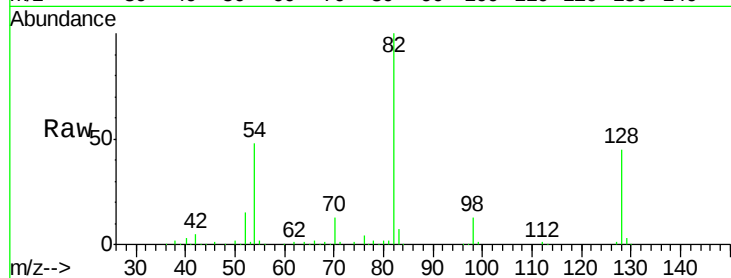
Tgt Ion: 82 Resp: 314536

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

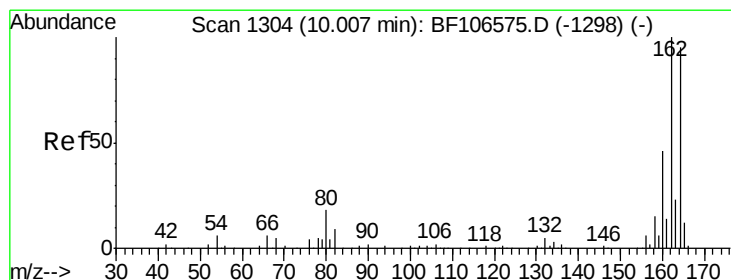
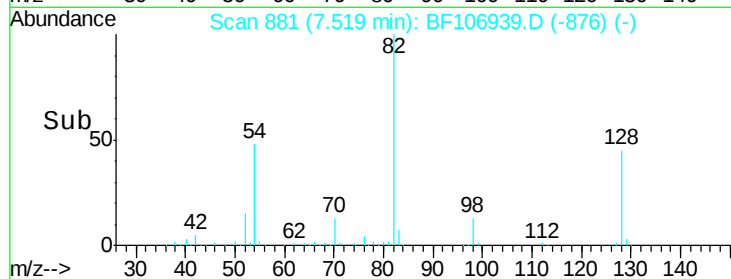
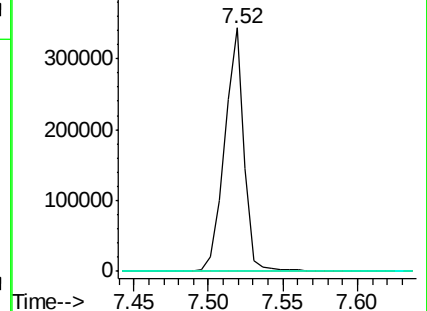
138 0.0 14.9 22.3#



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: 10.00 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF106939.D

Acq: 28 Jun 2018 23:37

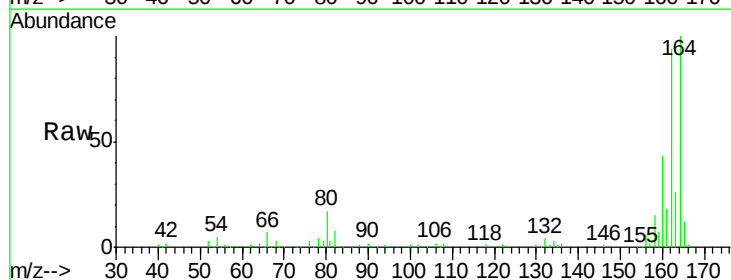
Tgt Ion: 164 Resp: 91340

Ion Ratio Lower Upper

164 100

162 93.7 86.1 129.1

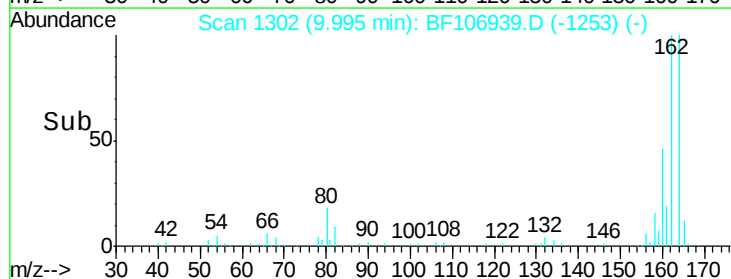
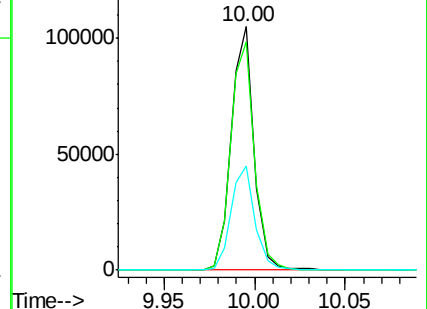
160 43.0 38.3 57.5

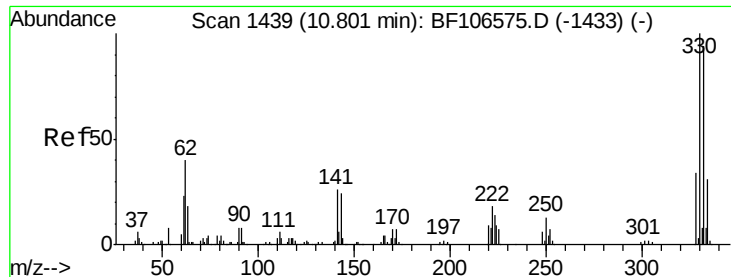


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

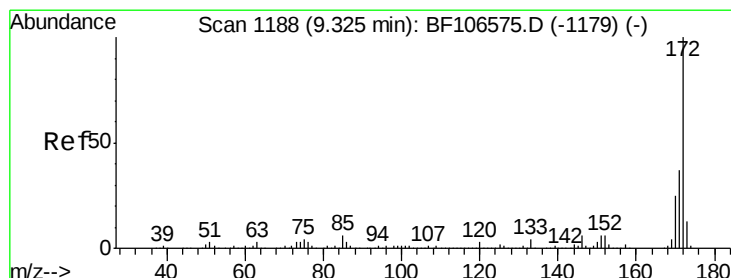
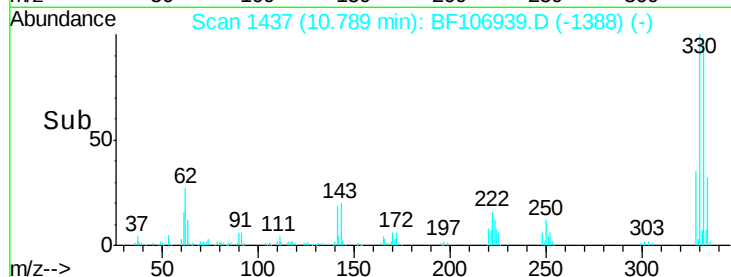
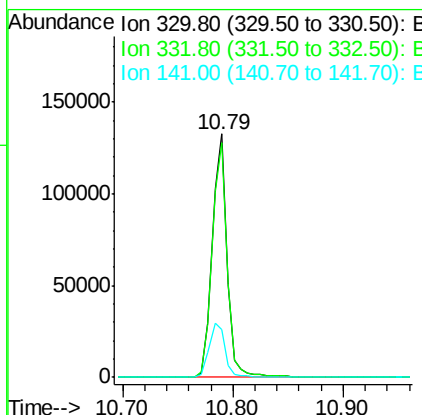
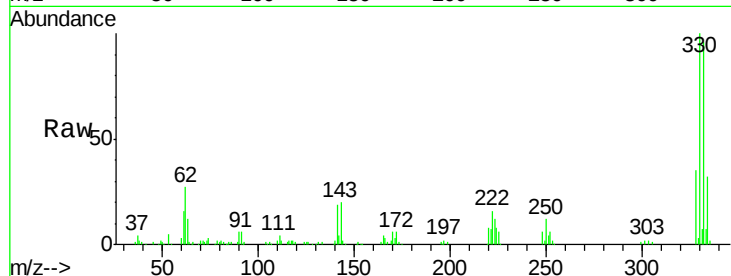




#41
 2,4,6-Tribromophenol
 Concen: 114.639 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106939.D
 Acq: 28 Jun 2018 23:37

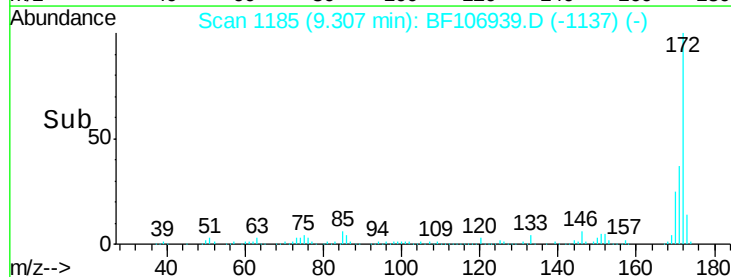
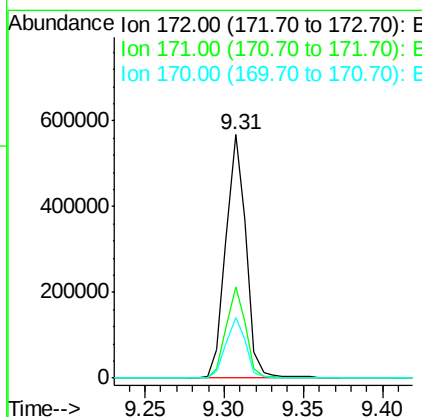
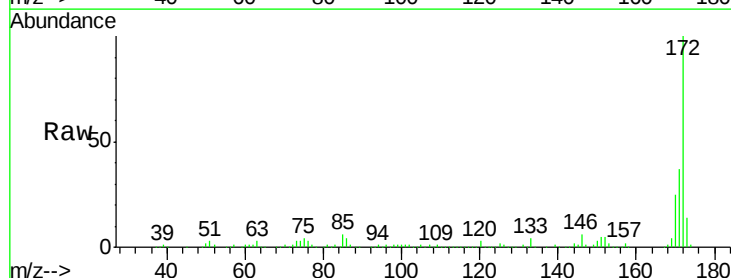
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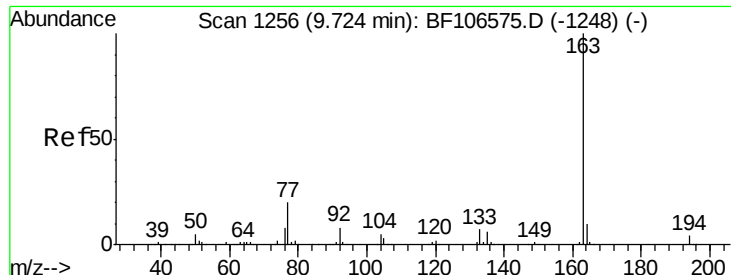
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	23.4	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 95.656 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106939.D
 Acq: 28 Jun 2018 23:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.7	44.5
170	24.8	19.6	29.4

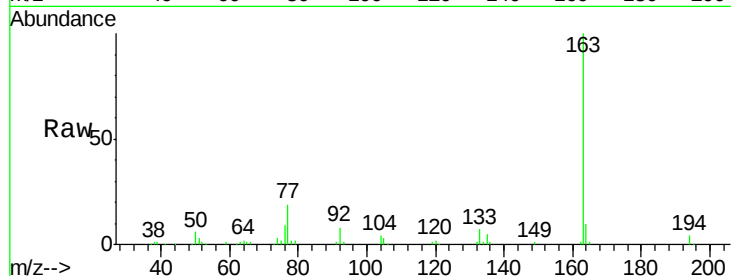




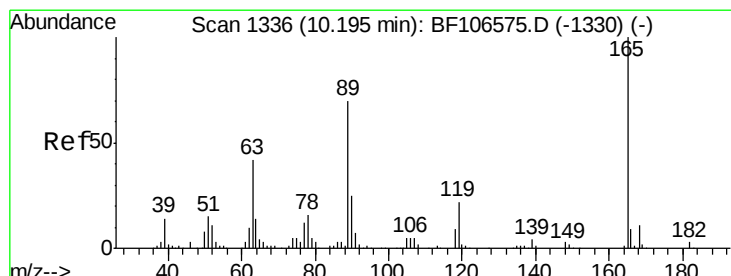
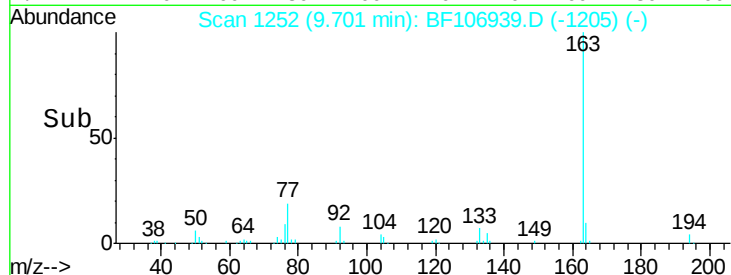
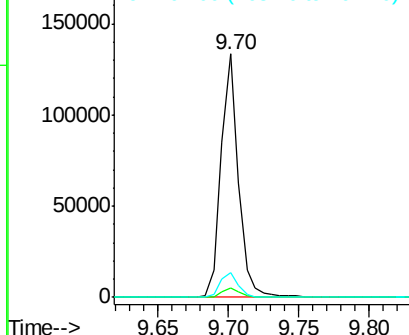
#49
Dimethylphthalate
Concen: 16.798 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF106939.D
Acq: 28 Jun 2018 23:37

Instrument :
BNA_F
ClientSampleId :
EPE-106-8(55-57)

Tgt Ion:163 Resp: 115076
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.4 8.2 12.2

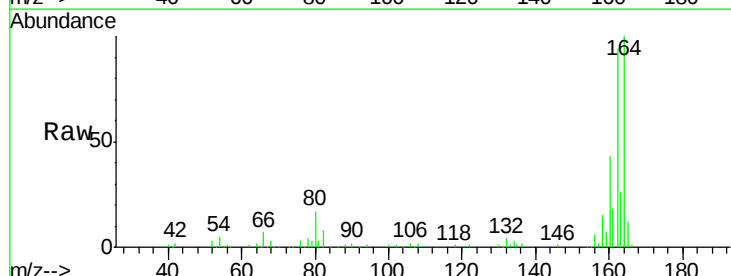


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

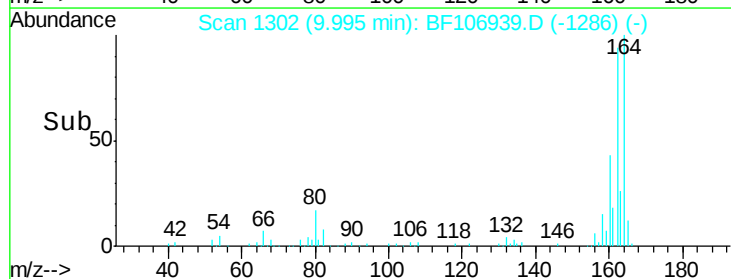
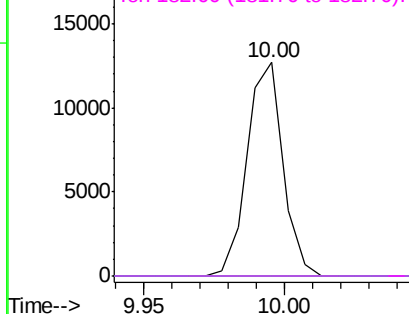


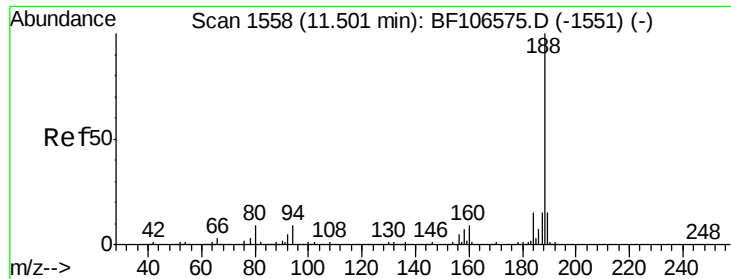
#56
2,4-Dinitrotoluene
Concen: 5.926 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF106939.D
Acq: 28 Jun 2018 23:37

Tgt Ion:165 Resp: 11220
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# 1555

Delta R.T. -0.02 min

Lab File: BF106939.D

Acq: 28 Jun 2018 23:37

Instrument :

BNA_F

ClientSampleId :

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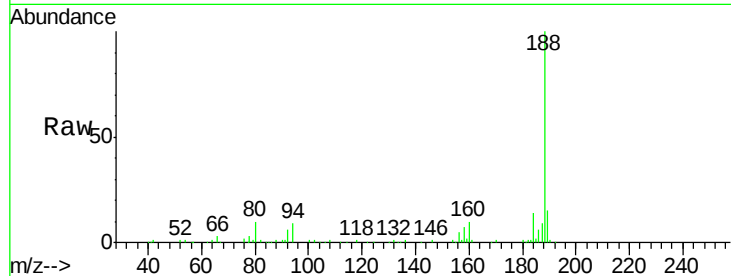
Tgt Ion:188 Resp: 155714

Ion Ratio Lower Upper

188 100

94 8.6 8.5 12.7

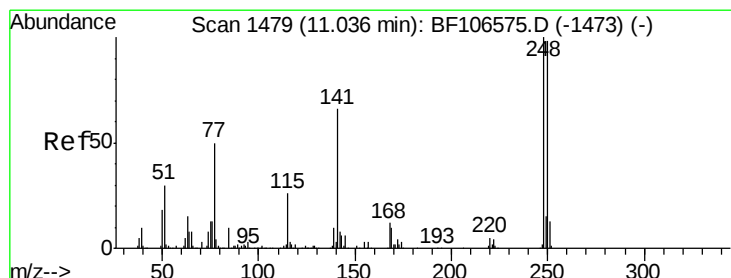
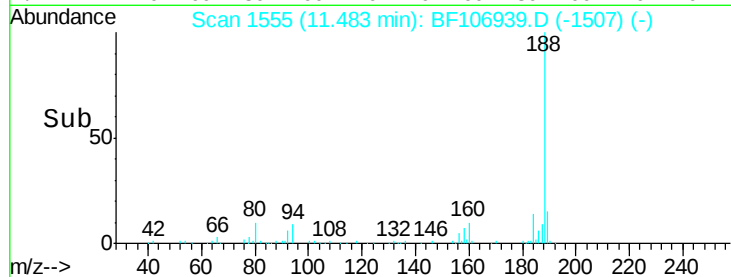
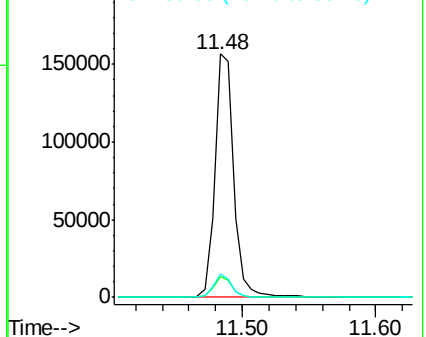
80 9.9 9.2 13.8



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: 4.124 ng

RT: 10.79 min Scan# 1437

Delta R.T. -0.25 min

Lab File: BF106939.D

Acq: 28 Jun 2018 23:37

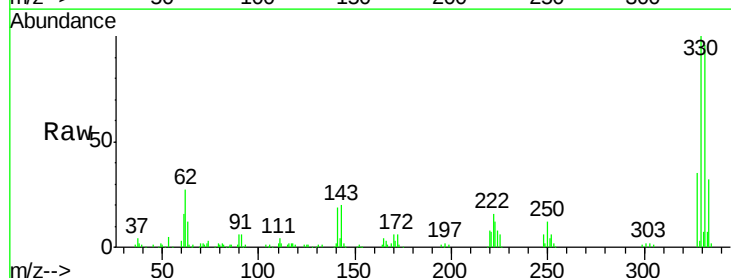
Tgt Ion:248 Resp: 7664

Ion Ratio Lower Upper

248 100

250 201.4 76.9 115.3#

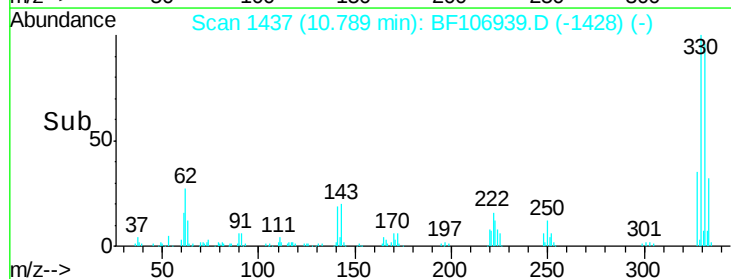
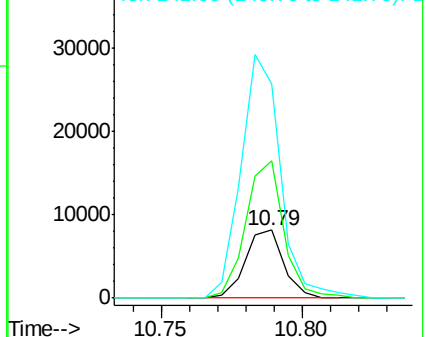
141 314.8 74.4 111.6#

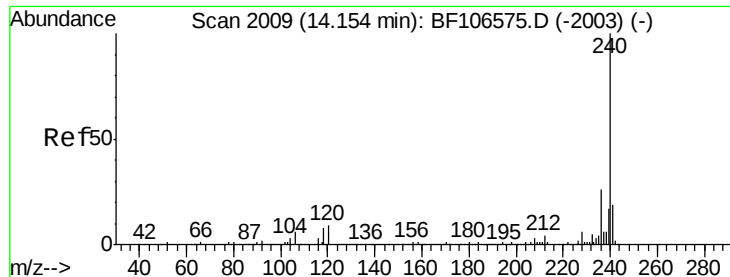


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF106939.D

Acq: 28 Jun 2018 23:37

Instrument :

BNA_F

ClientSampleId :

EPE-106-8(55-57)

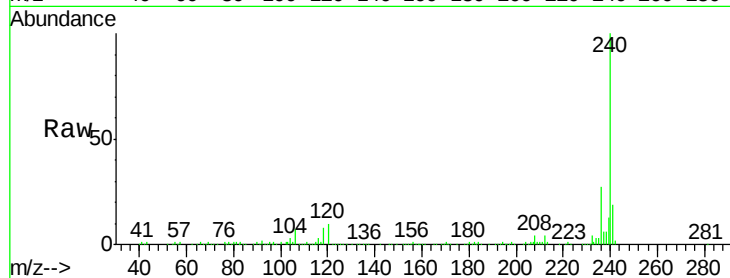
Tgt Ion:240 Resp: 199583

Ion Ratio Lower Upper

240 100

120 9.7 9.5 14.3

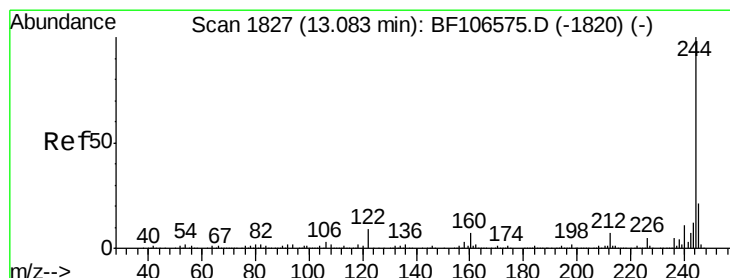
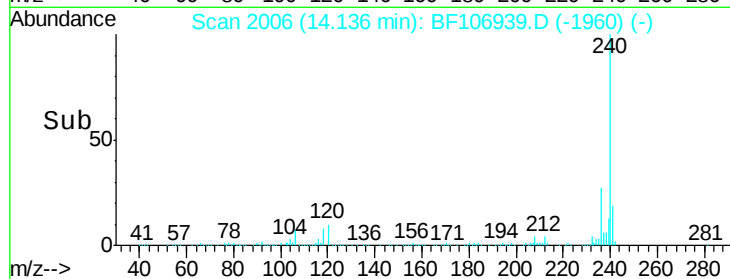
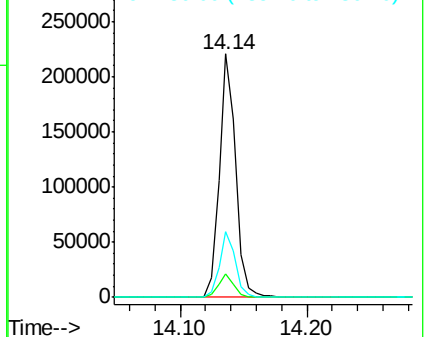
236 26.8 20.7 31.1



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: 61.169 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106939.D

Acq: 28 Jun 2018 23:37

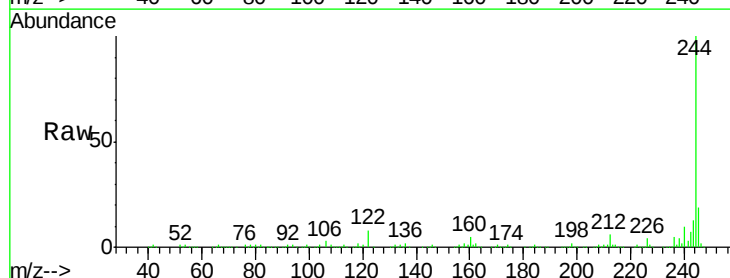
Tgt Ion:244 Resp: 503993

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

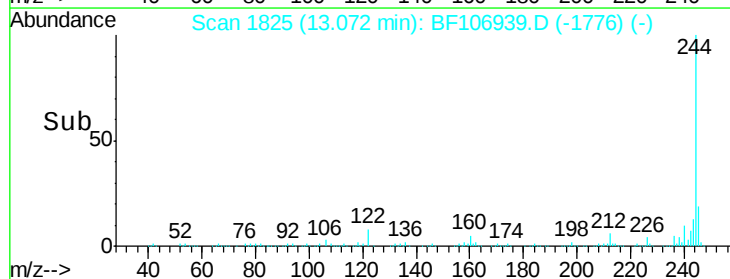
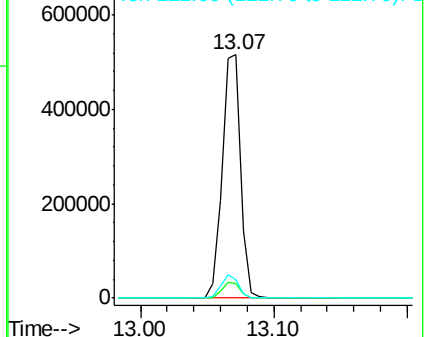
122 7.7 11.0 16.4#

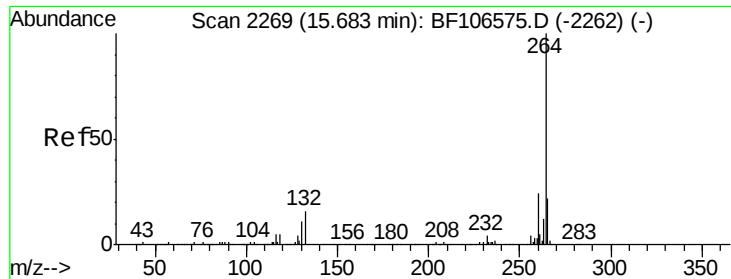


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.05 min
Lab File: BF106939.D
Acq: 28 Jun 2018 23:37

Instrument :
BNA_F
ClientSampleId :
EPE-106-8(55-57)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.6	17.5	26.3

