

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
 Data File : BF087759.D
 Acq On : 6 Jun 2016 18:46
 Operator : UM/SJ
 Sample : H3382-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Quant Time: Jun 07 01:15:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

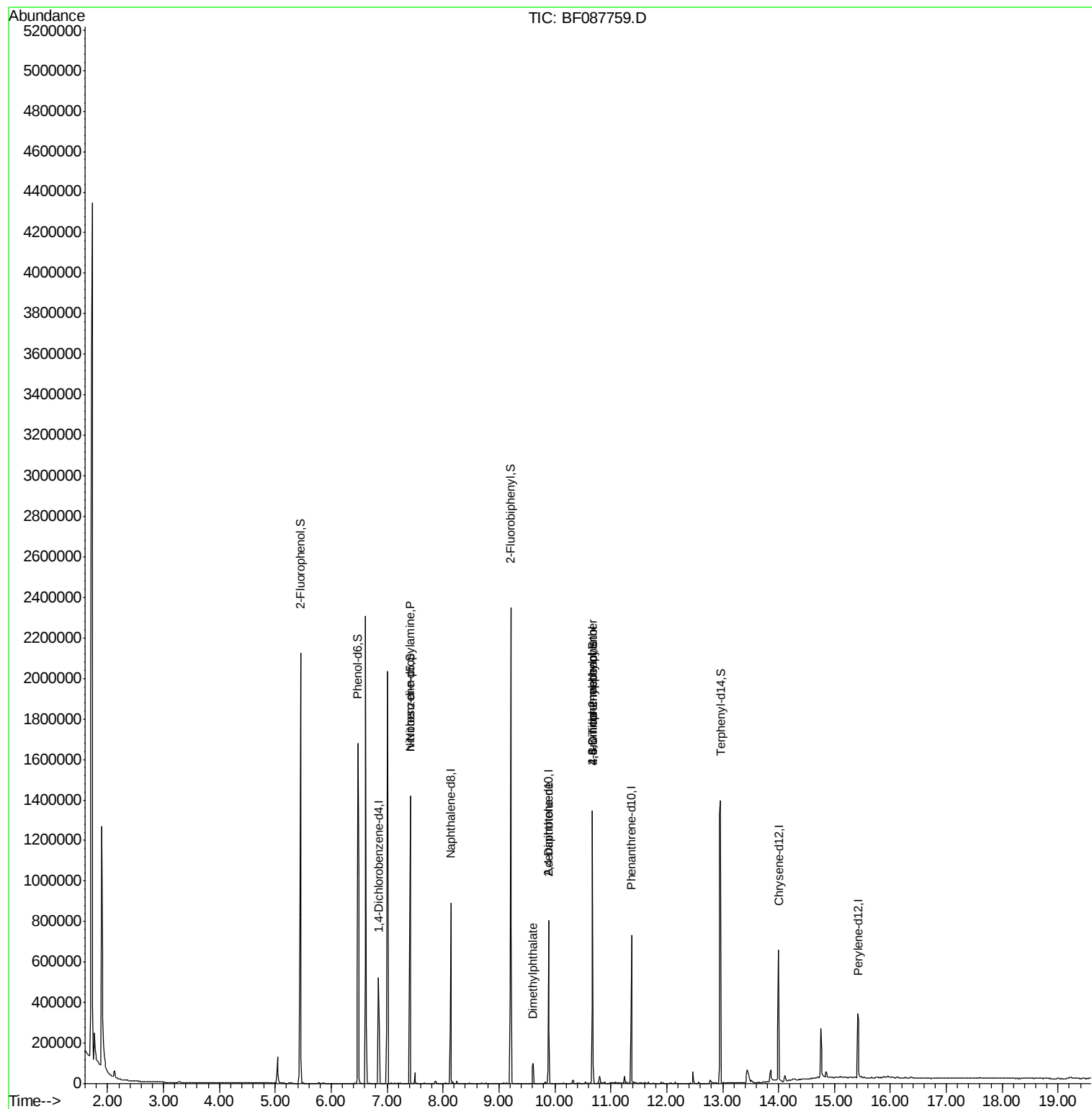
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	99225	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	412542	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	165330	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	286072	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	226974	20.00	ng	-0.02
86) Perylene-d12	15.43	264	171717	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	629348	102.52	ng	0.00
7) Phenol-d6	6.48	99	835657	108.54	ng	-0.01
23) Nitrobenzene-d5	7.42	82	534542	74.97	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	155597	93.76	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	854035	76.91	ng	-0.02
78) Terphenyl-d14	12.96	244	657804	70.72	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	69898	14.54	ng	# 72
49) Dimethylphthalate	9.61	163	63452	5.28	ng	98
56) 2,4-Dinitrotoluene	9.88	165	21174	6.08	ng	# 37
64) 4,6-Dinitro-2-methylphenol	10.67	198	334	2.22	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	9945	3.51	ng	# 1

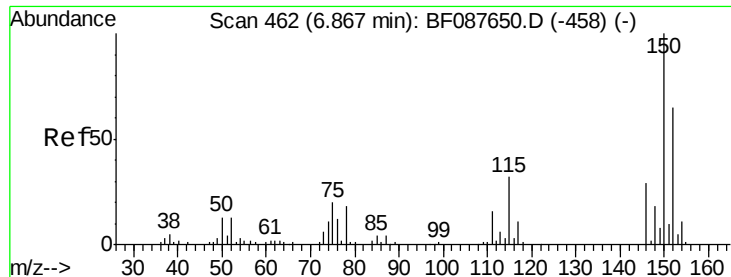
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.02 min

Lab File: BF087759.D

Acq: 6 Jun 2016 18:46

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

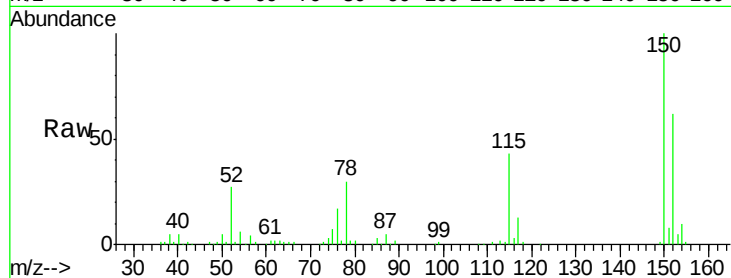
Tgt Ion:152 Resp: 99225

Ion Ratio Lower Upper

152 100

150 161.2 123.8 185.6

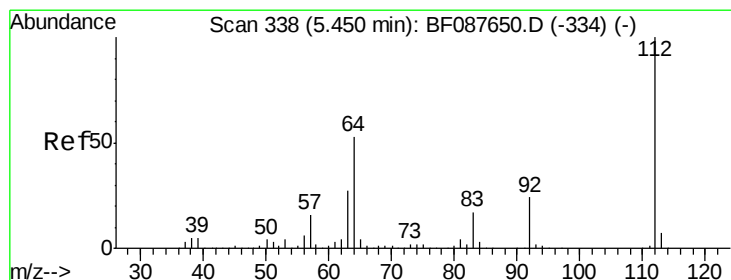
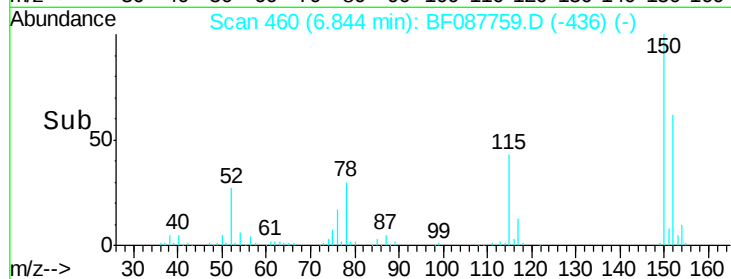
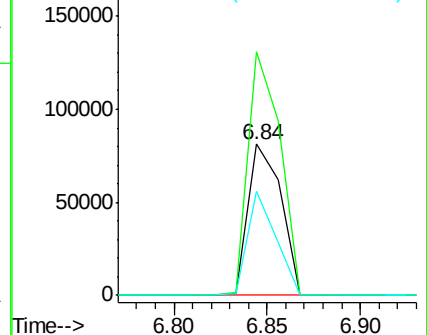
115 69.3 39.6 59.4#



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: 102.52 ng

RT: 5.45 min Scan# 338

Delta R.T. 0.00 min

Lab File: BF087759.D

Acq: 6 Jun 2016 18:46

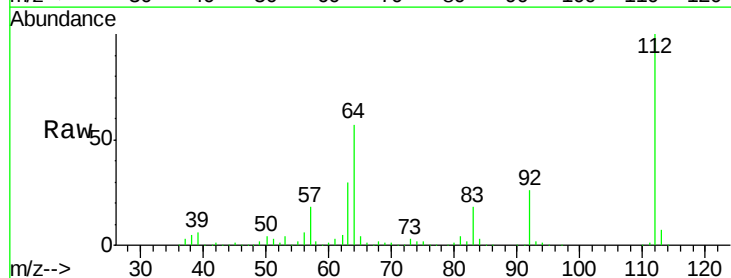
Tgt Ion:112 Resp: 629348

Ion Ratio Lower Upper

112 100

64 57.4 42.2 63.2

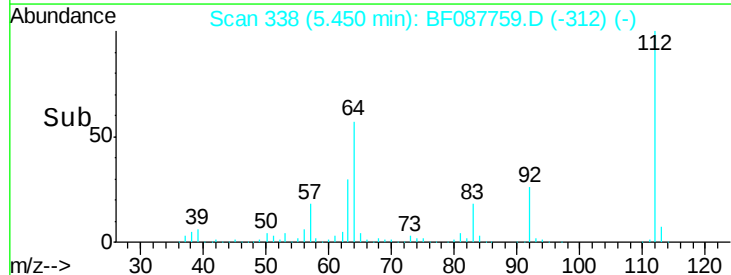
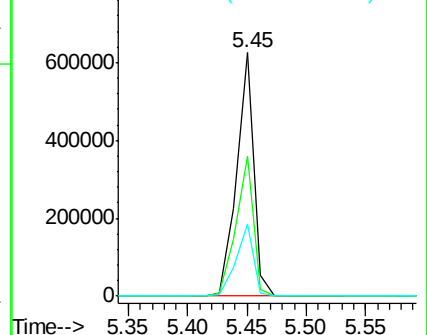
63 29.8 21.8 32.8

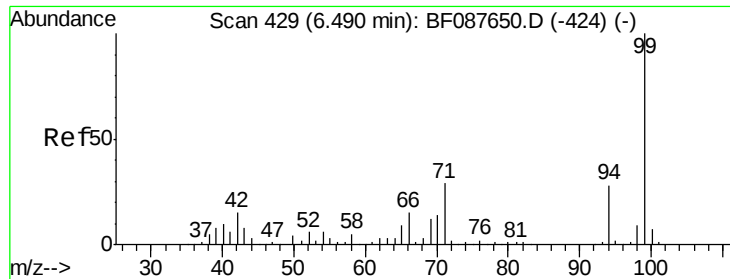


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.54 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087759.D

Acq: 6 Jun 2016 18:46

Instrument :

BNA_F

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SB-03-COMP

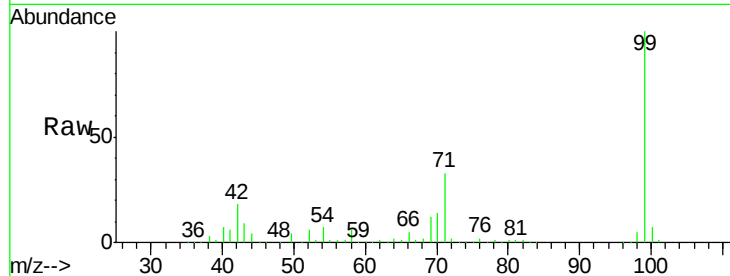
Tgt Ion: 99 Resp: 835657

Ion Ratio Lower Upper

99 100

42 17.6 12.2 18.2

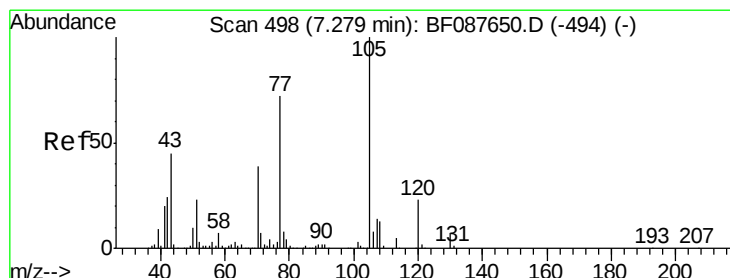
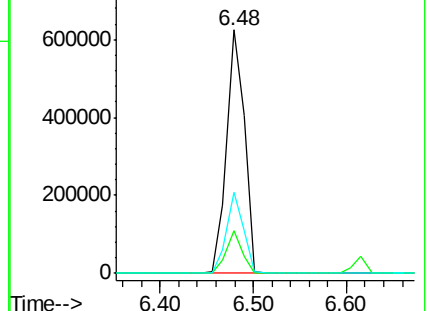
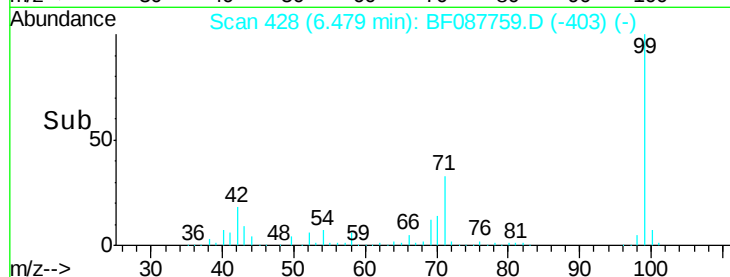
71 33.3 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 14.54 ng

RT: 7.42 min Scan# 510

Delta R.T. 0.14 min

Lab File: BF087759.D

Acq: 6 Jun 2016 18:46

Tgt Ion: 70 Resp: 69898

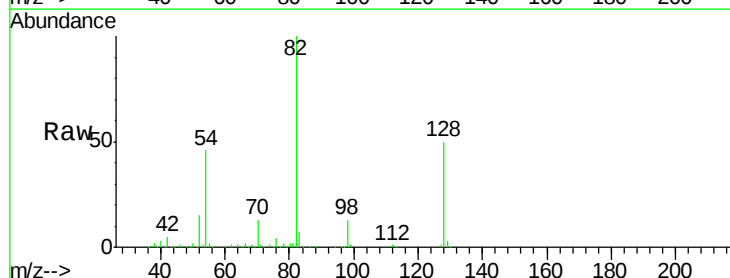
Ion Ratio Lower Upper

70 100

42 42.2 49.6 74.4#

101 0.0 7.1 10.7#

130 2.5 15.4 23.2#

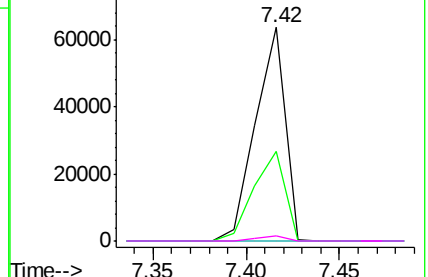
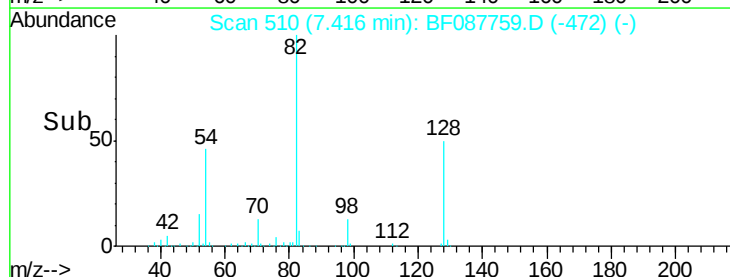


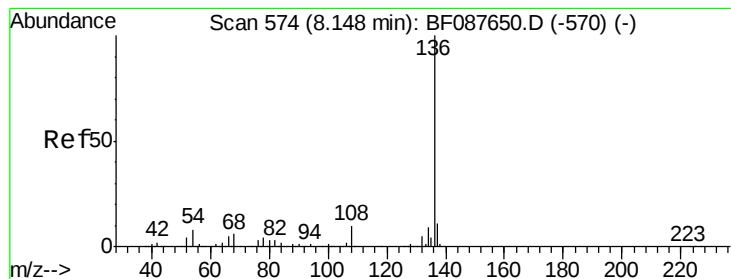
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF087759.D

Acq: 6 Jun 2016 18:46

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

Tgt Ion:136 Resp: 412542

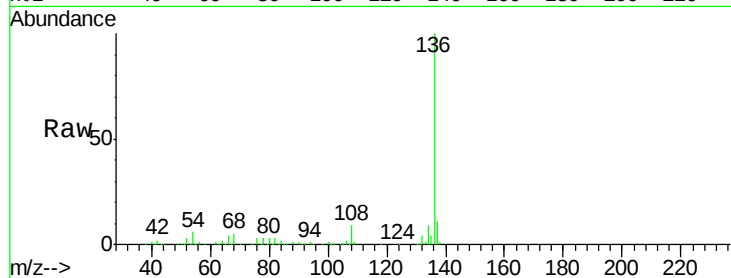
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.5 6.6 10.0#

68 5.2 5.1 7.7

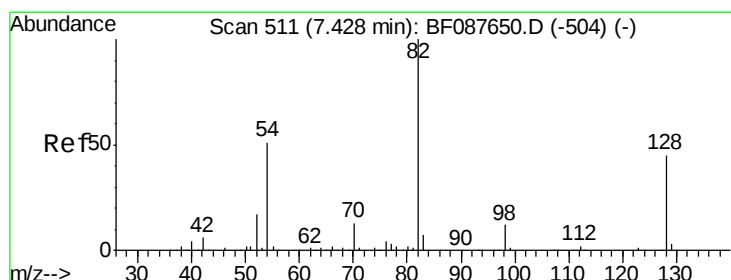
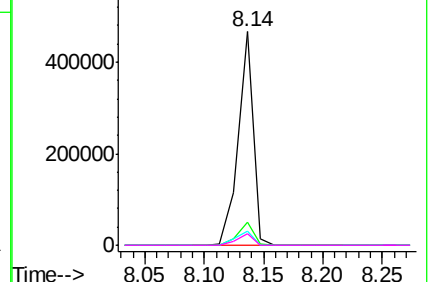
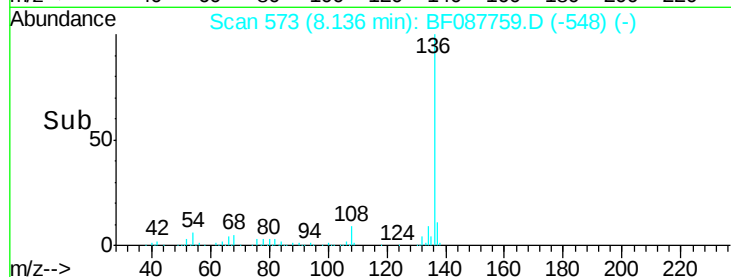


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 74.97 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF087759.D

Acq: 6 Jun 2016 18:46

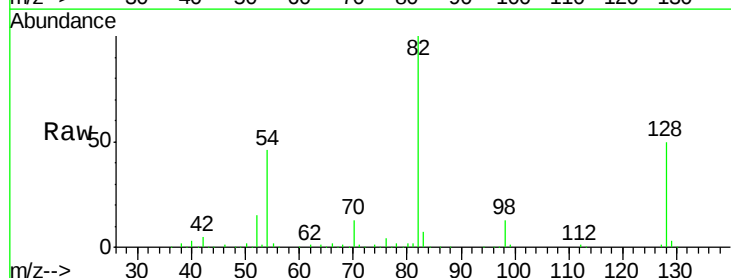
Tgt Ion: 82 Resp: 534542

Ion Ratio Lower Upper

82 100

128 50.1 35.9 53.9

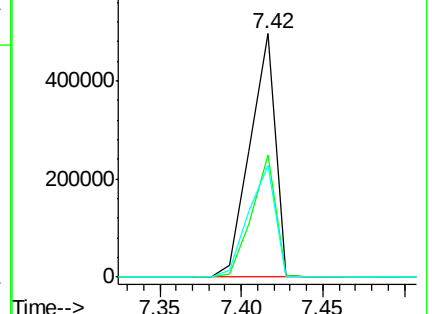
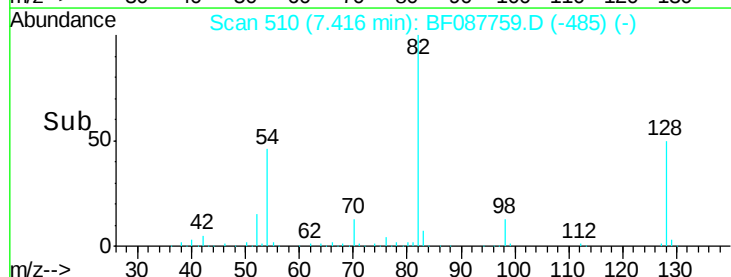
54 46.1 40.9 61.3

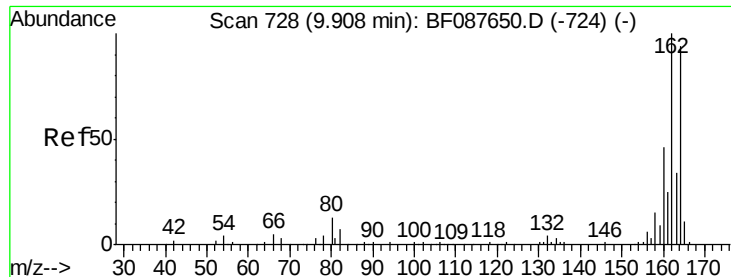


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

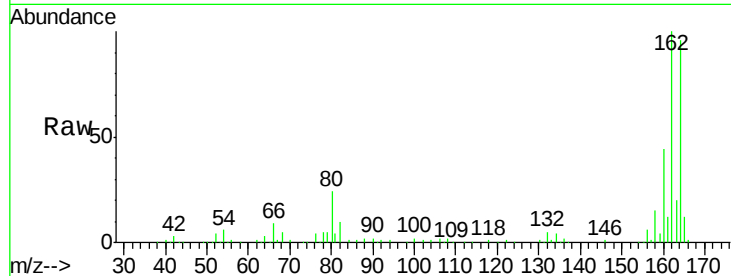




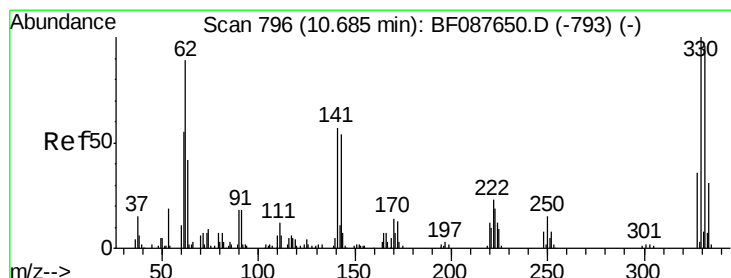
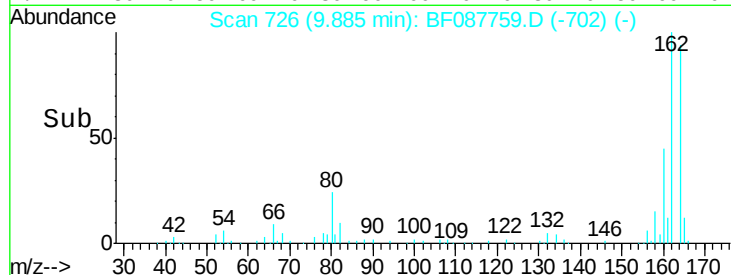
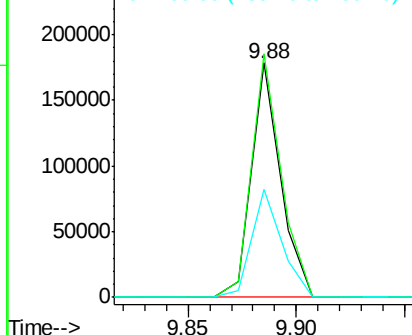
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 726
 Delta R.T. -0.02 min
 Lab File: BF087759.D
 Acq: 6 Jun 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Tgt Ion:164 Resp: 165330
 Ion Ratio Lower Upper
 164 100
 162 104.0 85.4 128.2
 160 46.2 39.5 59.3

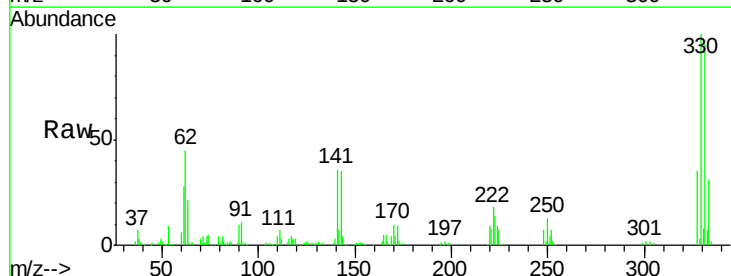


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

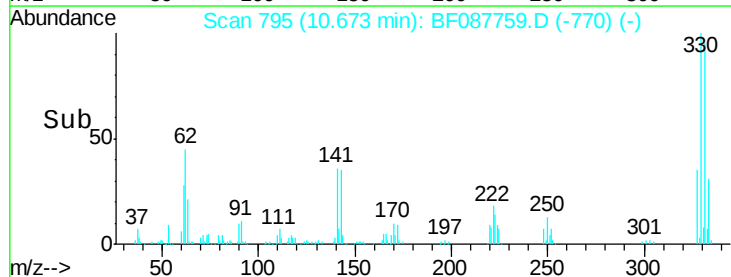
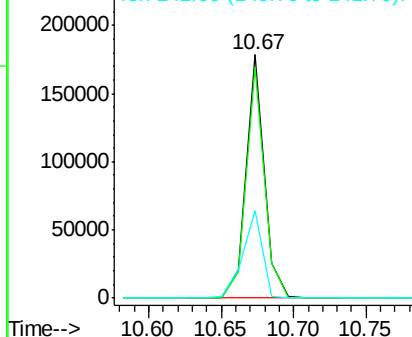


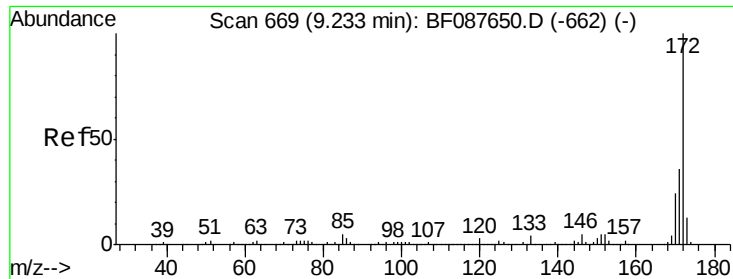
#41
 2,4,6-Tribromophenol
 Concen: 93.76 ng
 RT: 10.67 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF087759.D
 Acq: 6 Jun 2016 18:46

Tgt Ion:330 Resp: 155597
 Ion Ratio Lower Upper
 330 100
 332 94.9 0.0 0.0#
 141 38.6 0.0 0.0#



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

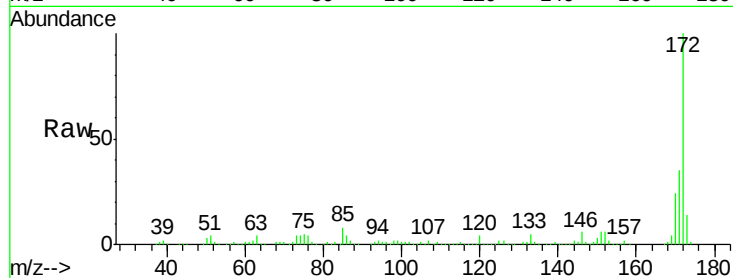




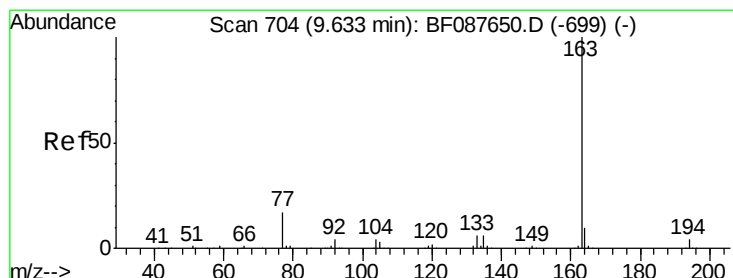
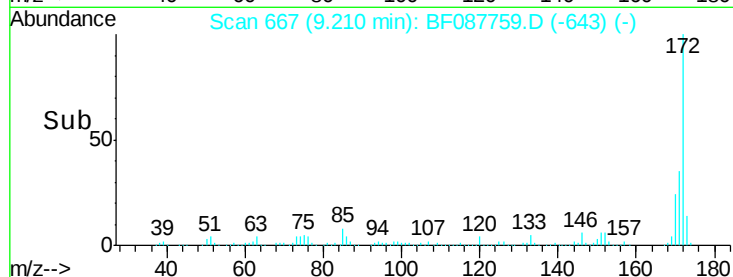
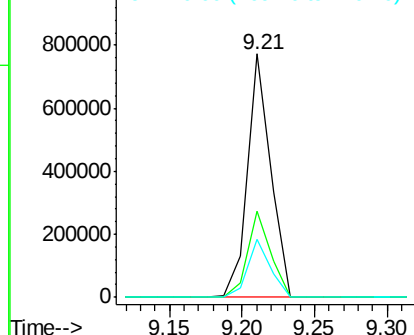
#44
2-Fluorobiphenyl
Concen: 76.91 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF087759.D
Acq: 6 Jun 2016 18:46

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tgt Ion:172 Resp: 854035
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.9 19.2 28.8

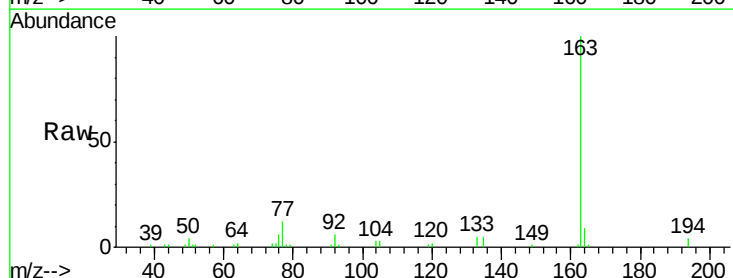


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

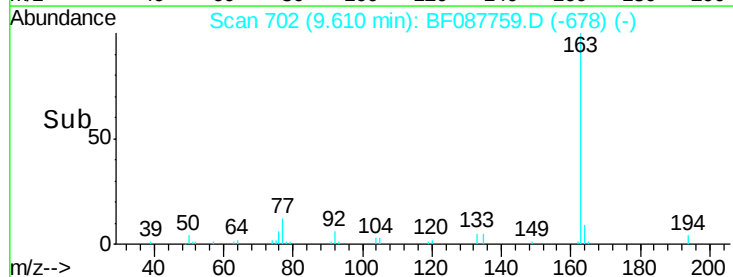
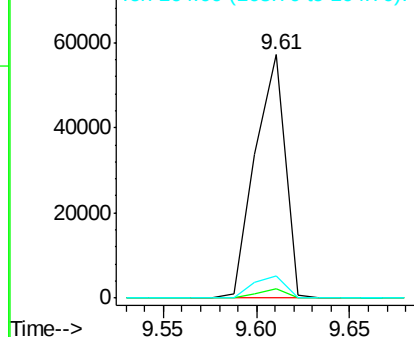


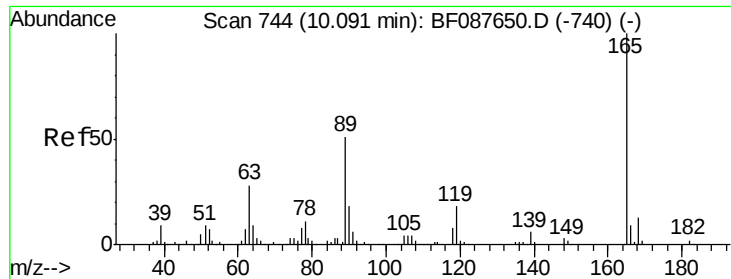
#49
Dimethylphthalate
Concen: 5.28 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF087759.D
Acq: 6 Jun 2016 18:46

Tgt Ion:163 Resp: 63452
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 9.3 8.3 12.5



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

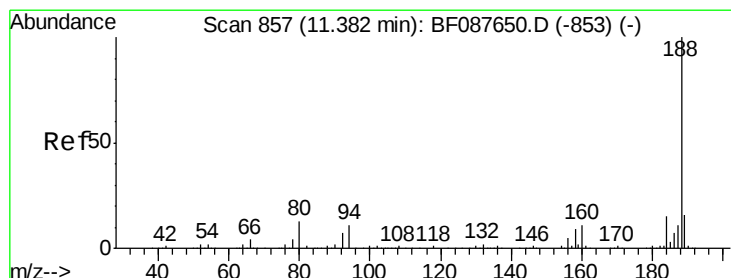
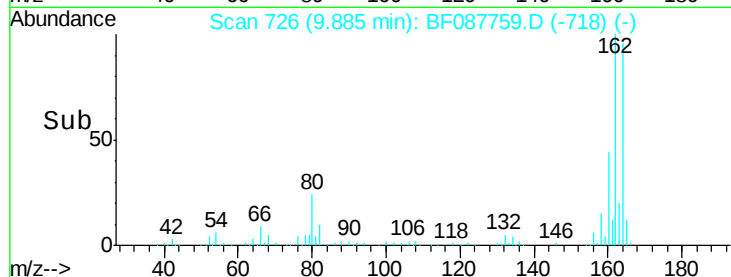
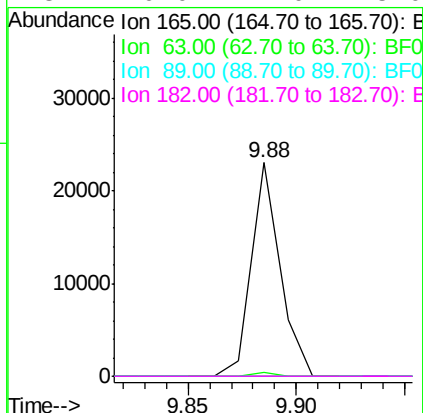
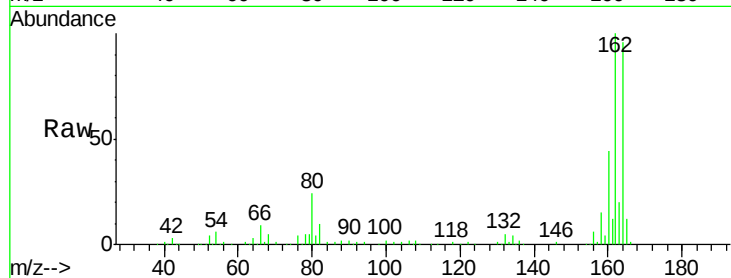




#56
 2,4-Dinitrotoluene
 Concen: 6.08 ng
 RT: 9.88 min Scan# 726
 Delta R.T. -0.21 min
 Lab File: BF087759.D
 Acq: 6 Jun 2016 18:46

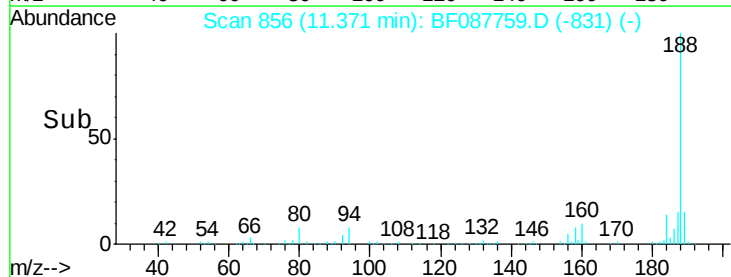
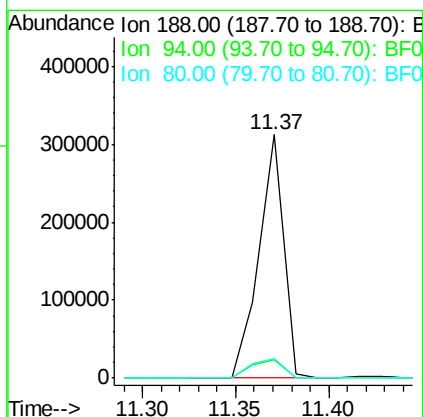
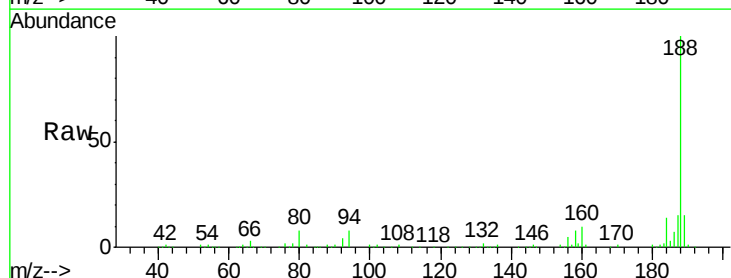
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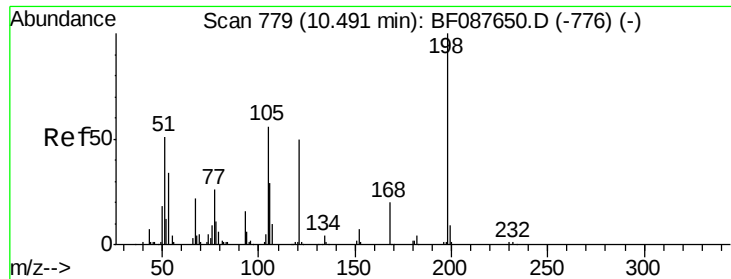
Tgt Ion:165 Resp: 21174
 Ion Ratio Lower Upper
 165 100
 63 1.7 22.0 33.0#
 89 0.0 41.1 61.7#
 182 0.0 2.0 3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BF087759.D
 Acq: 6 Jun 2016 18:46

Tgt Ion:188 Resp: 286072
 Ion Ratio Lower Upper
 188 100
 94 7.7 9.0 13.6#
 80 7.8 10.0 15.0#

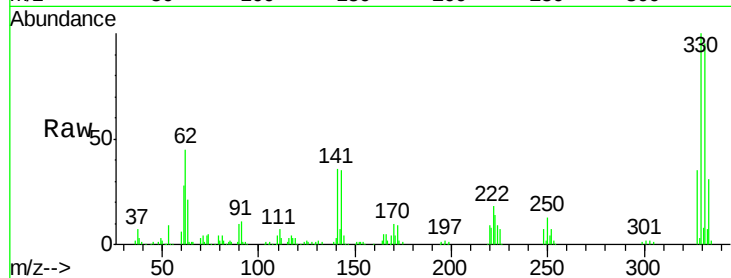




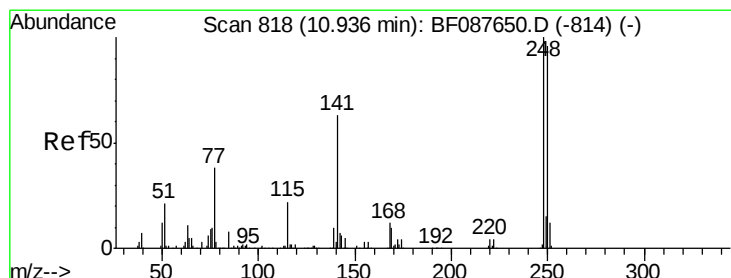
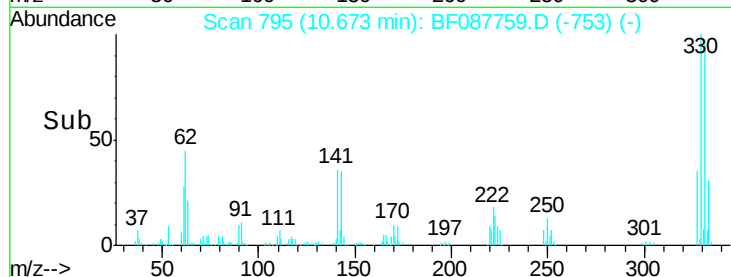
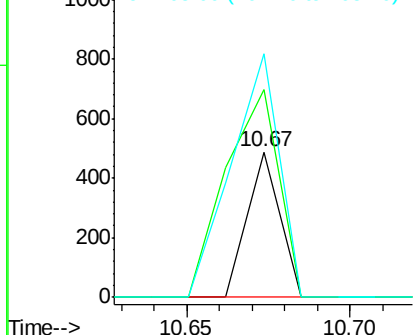
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.22 ng
 RT: 10.67 min Scan# 795
 Delta R.T. 0.18 min
 Lab File: BF087759.D
 Acq: 6 Jun 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Tgt Ion:198 Resp: 334
 Ion Ratio Lower Upper
 198 100
 51 142.9 39.6 79.6#
 105 168.0 36.6 76.6#

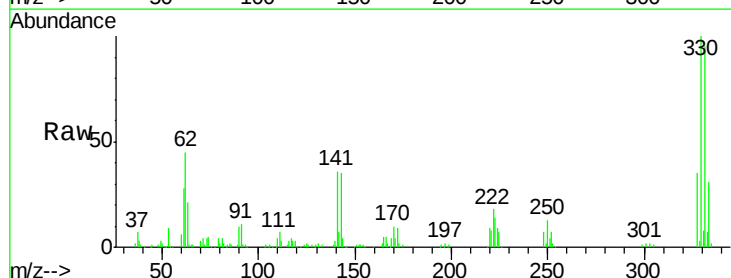


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

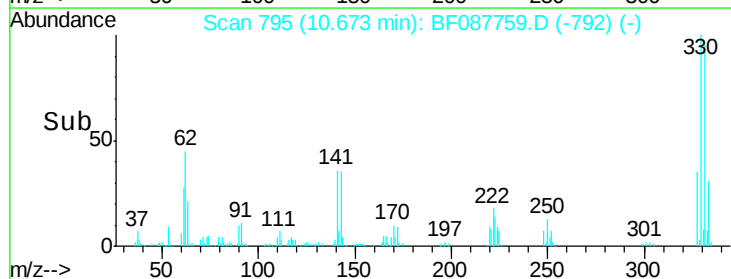
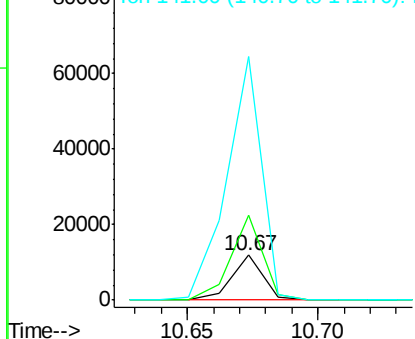


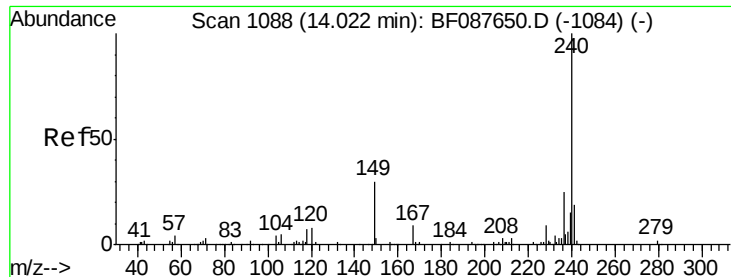
#66
 4-Bromophenyl-phenylether
 Concen: 3.51 ng
 RT: 10.67 min Scan# 795
 Delta R.T. -0.26 min
 Lab File: BF087759.D
 Acq: 6 Jun 2016 18:46

Tgt Ion:248 Resp: 9945
 Ion Ratio Lower Upper
 248 100
 250 189.9 77.1 115.7#
 141 541.9 50.6 76.0#



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: 20.00 ng

RT: 14.00 min Scan# 1086

Delta R.T. -0.02 min

Lab File: BF087759.D

Acq: 6 Jun 2016 18:46

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

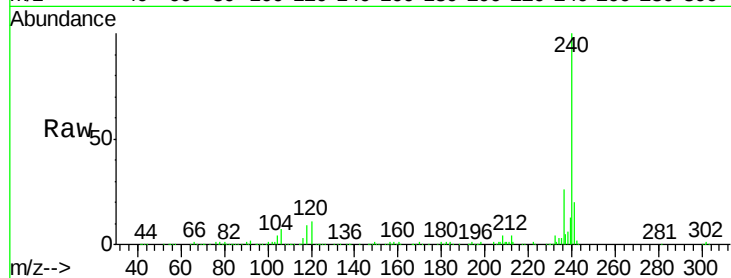
Tgt Ion:240 Resp: 226974

Ion Ratio Lower Upper

240 100

120 10.5 6.8 10.2#

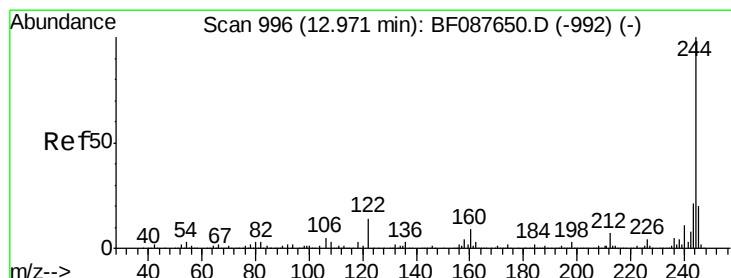
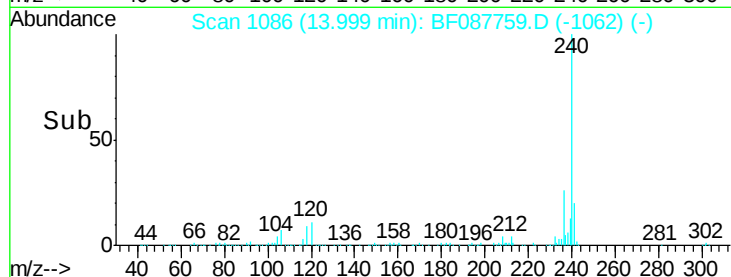
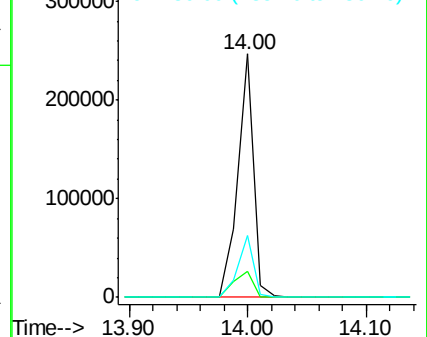
236 25.6 20.2 30.2



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: 70.72 ng

RT: 12.96 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF087759.D

Acq: 6 Jun 2016 18:46

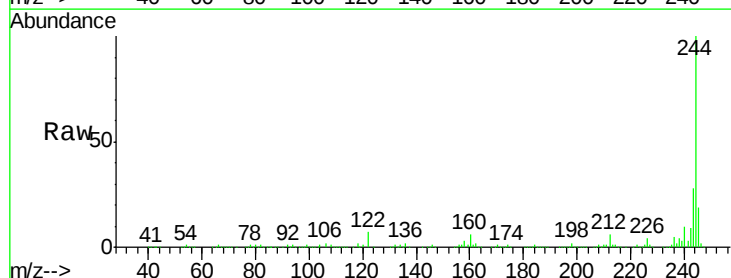
Tgt Ion:244 Resp: 657804

Ion Ratio Lower Upper

244 100

212 6.2 6.0 9.0

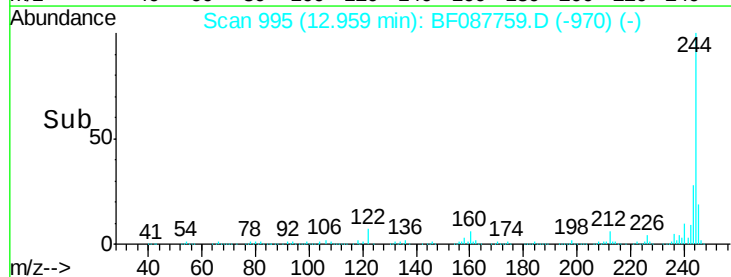
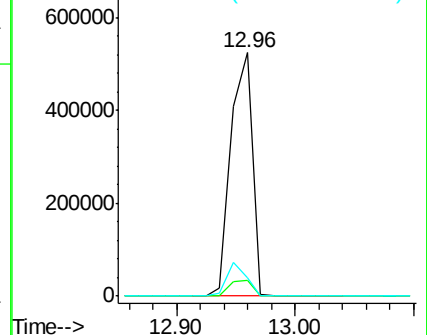
122 7.3 11.2 16.8#

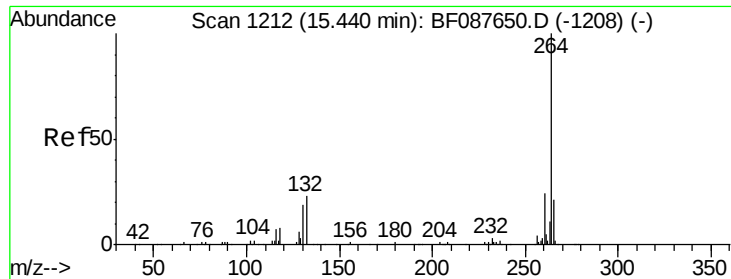


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF087759.D
Acq: 6 Jun 2016 18:46

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tgt Ion: 264 Resp: 171717
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.1 16.9 25.3

