

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
 Data File : BF087763.D
 Acq On : 6 Jun 2016 20:49
 Operator : UM/SJ
 Sample : H3356-07 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 U5-B3(0-12)C

Quant Time: Jun 07 01:16:28 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

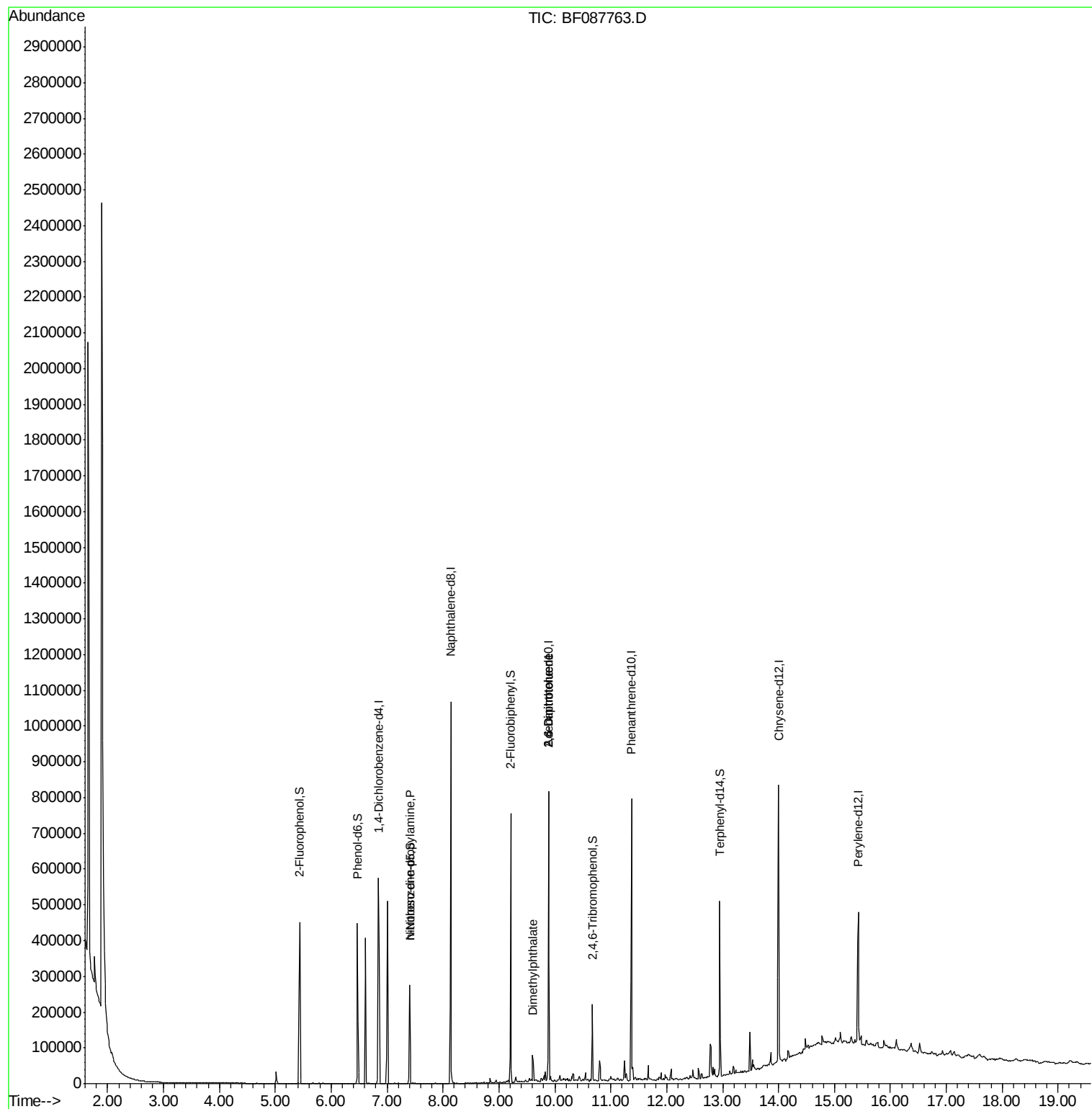
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	112856	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	460075	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	173223	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	302536	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	253162	20.00	ng	-0.02
86) Perylene-d12	15.43	264	186211	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	151224	21.66	ng	-0.01
7) Phenol-d6	6.47	99	165823	18.94	ng	-0.02
23) Nitrobenzene-d5	7.40	82	87469	11.00	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	31177	17.93	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	206680	14.65	ng	-0.02
78) Terphenyl-d14	12.95	244	139807	13.48	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	11512	2.11	ng	# 79
49) Dimethylphthalate	9.61	163	32990	2.62	ng	# 97
50) 2,6-Dinitrotoluene	9.88	165	22758	7.94	ng	# 40
56) 2,4-Dinitrotoluene	9.88	165	22759	6.24	ng	# 38

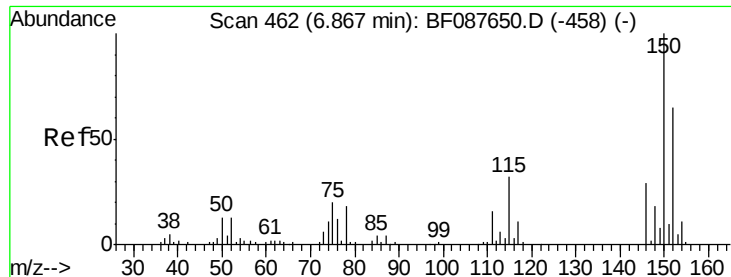
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.02 min

Lab File: BF087763.D

Acq: 6 Jun 2016 20:49

Instrument :

BNA_F

ClientSampleId :

U5-B3(0-12)C

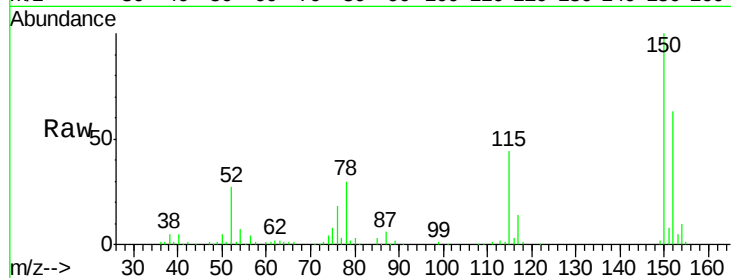
Tgt Ion:152 Resp: 112856

Ion Ratio Lower Upper

152 100

150 158.7 123.8 185.6

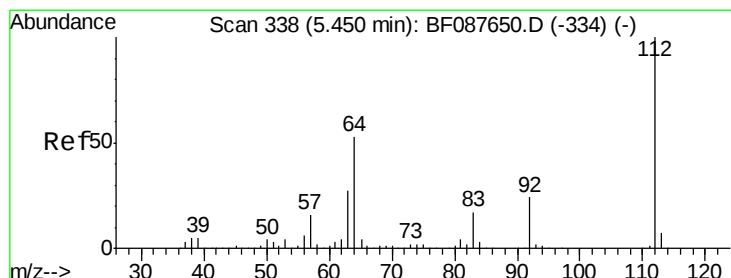
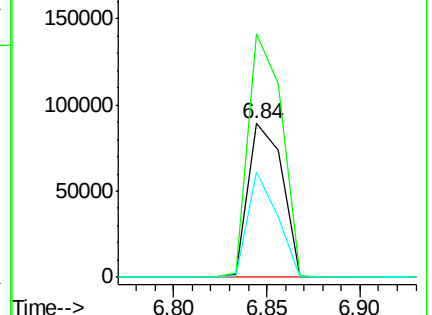
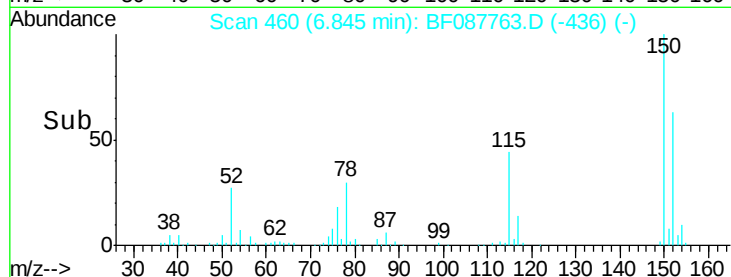
115 69.1 39.6 59.4#



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: 21.66 ng

RT: 5.44 min Scan# 337

Delta R.T. -0.01 min

Lab File: BF087763.D

Acq: 6 Jun 2016 20:49

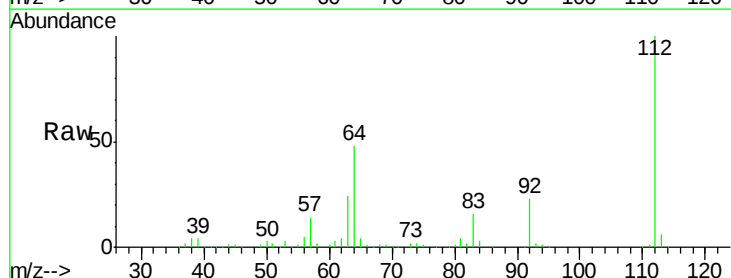
Tgt Ion:112 Resp: 151224

Ion Ratio Lower Upper

112 100

64 47.9 42.2 63.2

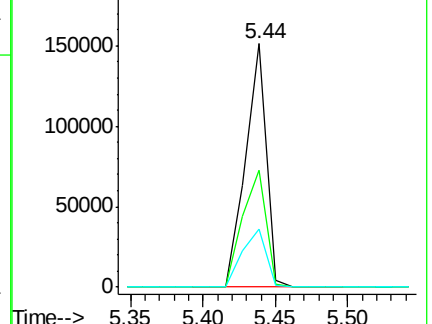
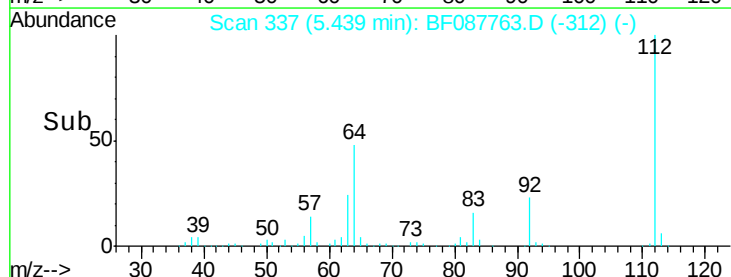
63 24.0 21.8 32.8

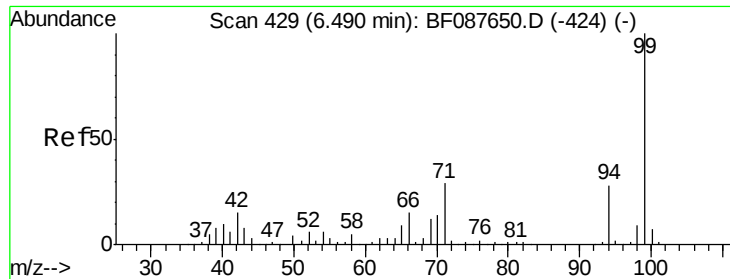


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 18.94 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.02 min

Lab File: BF087763.D

Acq: 6 Jun 2016 20:49

Instrument :

BNA_F

ClientSampleId :

U5-B3(0-12)C

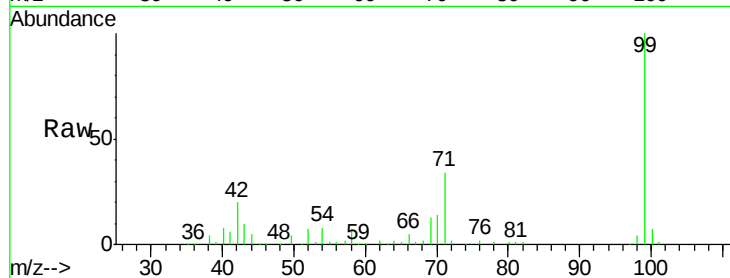
Tgt Ion: 99 Resp: 165823

Ion Ratio Lower Upper

99 100

42 19.5 12.2 18.2#

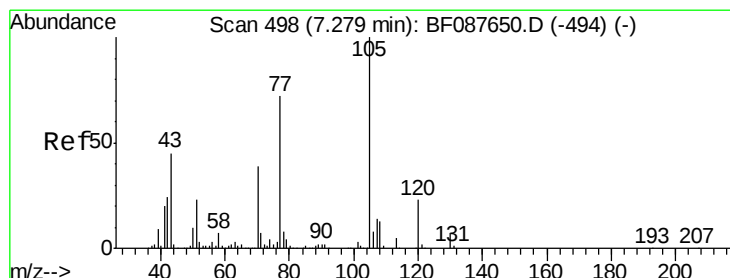
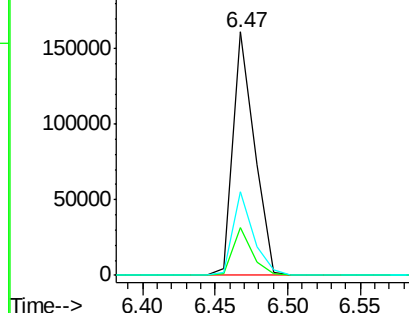
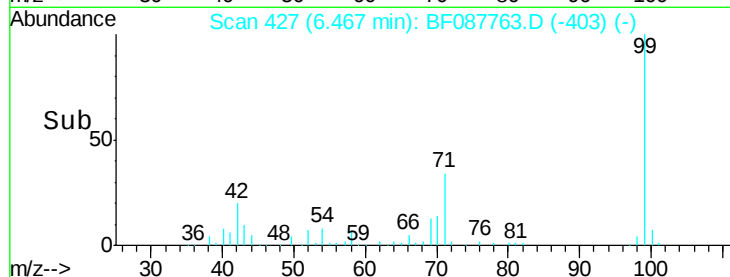
71 34.5 23.4 35.0



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: 2.11 ng

RT: 7.40 min Scan# 509

Delta R.T. 0.13 min

Lab File: BF087763.D

Acq: 6 Jun 2016 20:49

Tgt Ion: 70 Resp: 11512

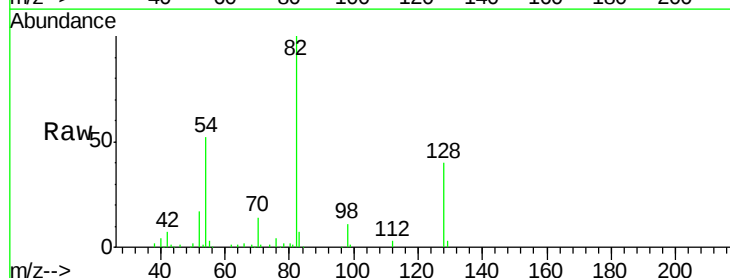
Ion Ratio Lower Upper

70 100

42 51.0 49.6 74.4

101 0.0 7.1 10.7#

130 0.0 15.4 23.2#

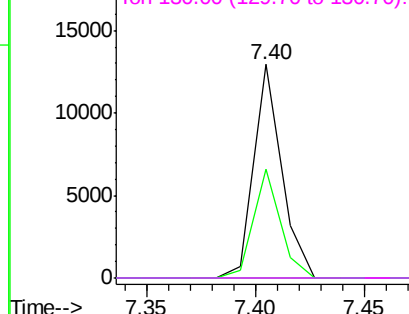
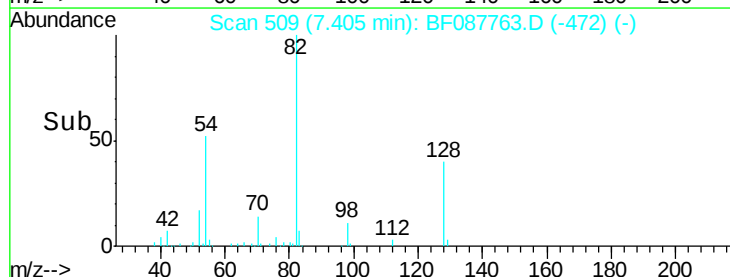


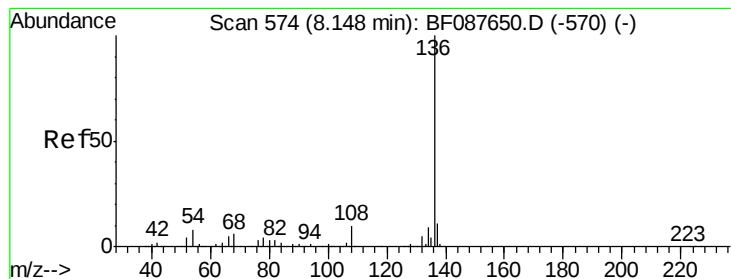
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF087763.D

Acq: 6 Jun 2016 20:49

Instrument :

BNA_F

ClientSampleId :

U5-B3(0-12)C

Tgt Ion:136 Resp: 460075

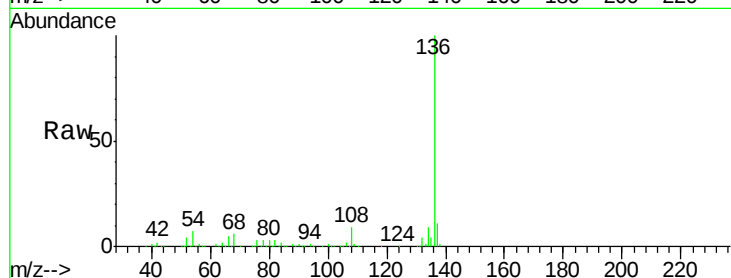
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 6.8 6.6 10.0

68 5.5 5.1 7.7

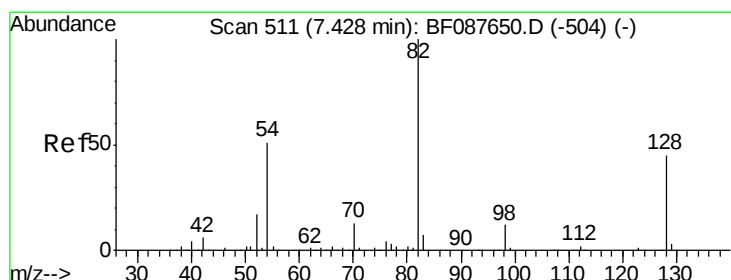
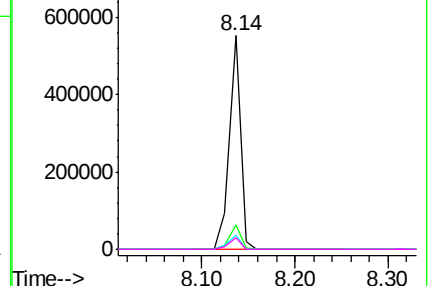
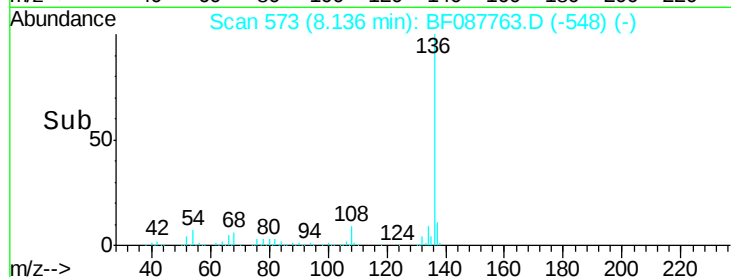


Abundance Ion 136.00 (135.70 to 136.70): E

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: 11.00 ng

RT: 7.40 min Scan# 509

Delta R.T. -0.02 min

Lab File: BF087763.D

Acq: 6 Jun 2016 20:49

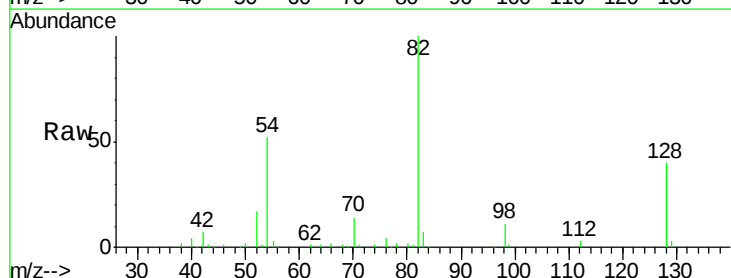
Tgt Ion: 82 Resp: 87469

Ion Ratio Lower Upper

82 100

128 40.4 35.9 53.9

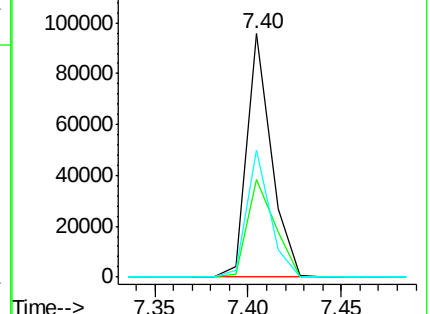
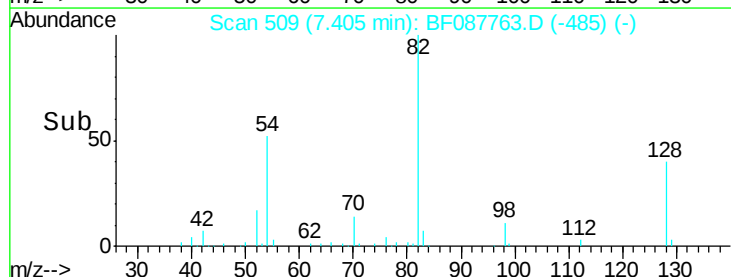
54 52.2 40.9 61.3

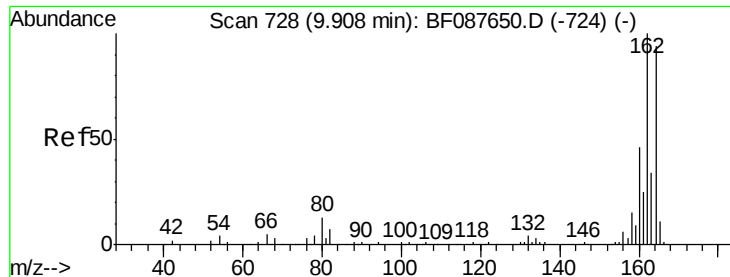


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF087763.D

Acq: 6 Jun 2016 20:49

Instrument :

BNA_F

ClientSampleId :

U5-B3(0-12)C

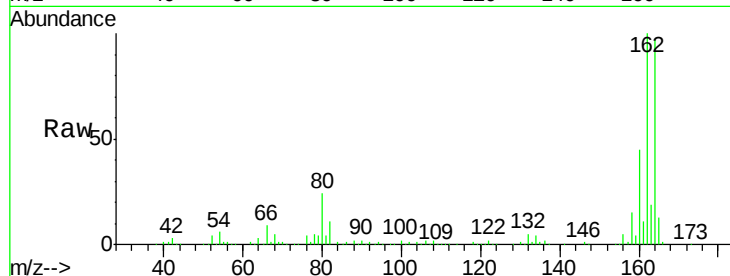
Tgt Ion:164 Resp: 173223

Ion Ratio Lower Upper

164 100

162 103.6 85.4 128.2

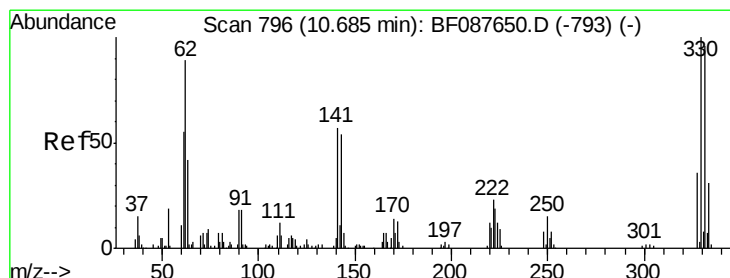
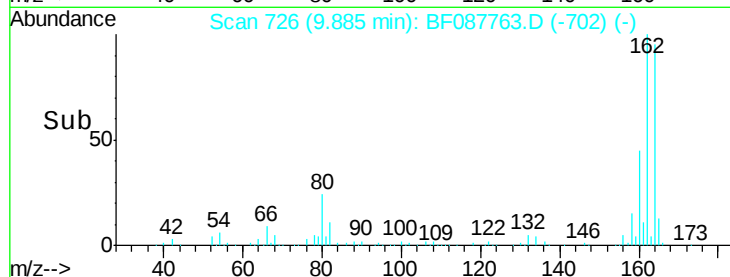
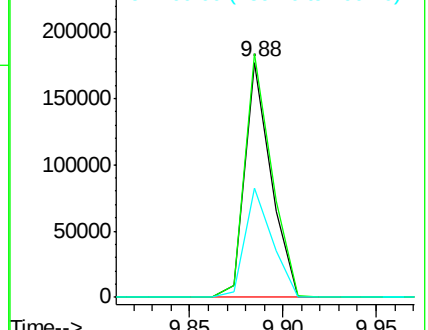
160 46.4 39.5 59.3



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: 17.93 ng

RT: 10.67 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF087763.D

Acq: 6 Jun 2016 20:49

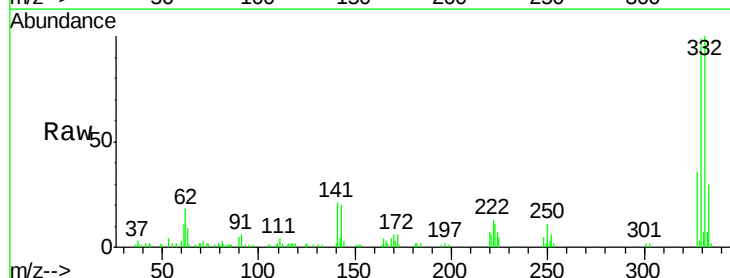
Tgt Ion:330 Resp: 31177

Ion Ratio Lower Upper

330 100

332 99.2 0.0 0.0#

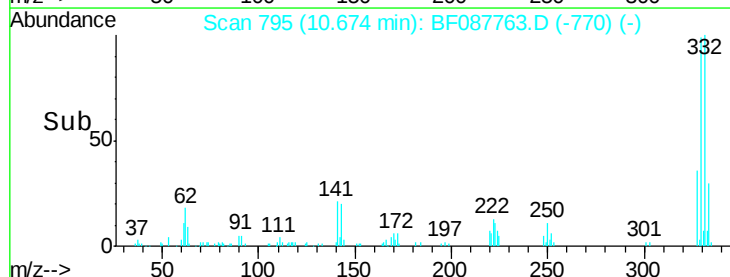
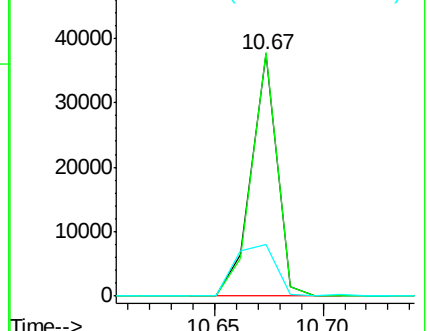
141 34.4 0.0 0.0#

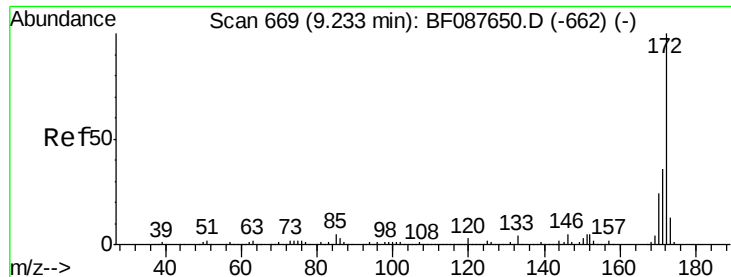


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

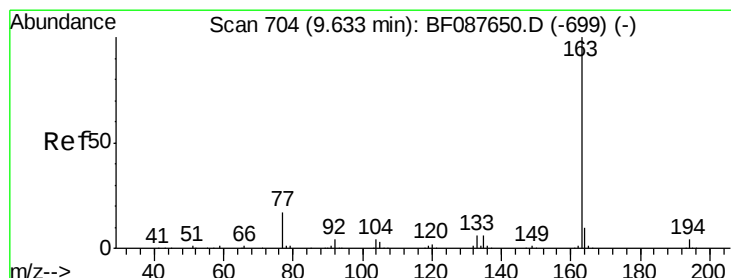
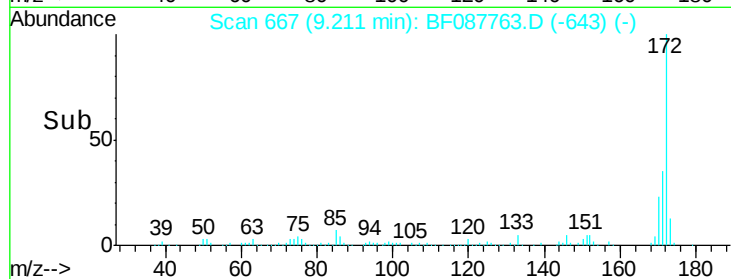
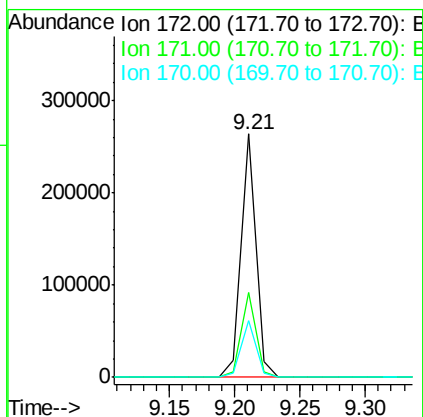
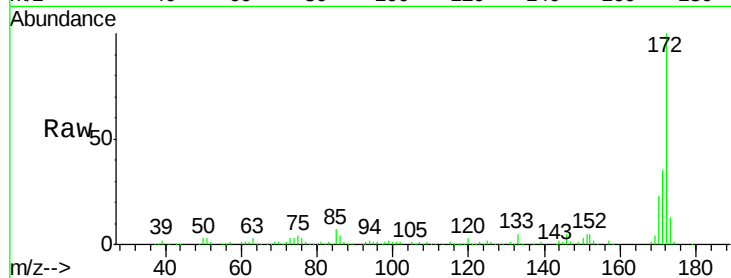




#44
2-Fluorobiphenyl
Concen: 14.65 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF087763.D
Acq: 6 Jun 2016 20:49

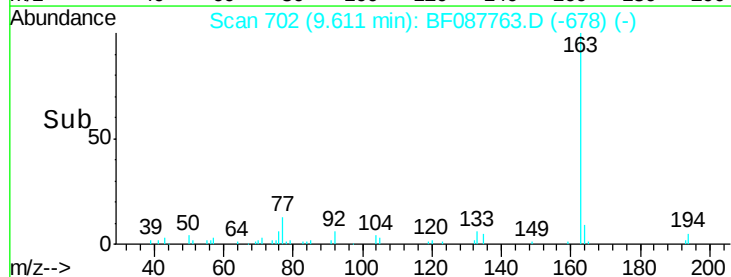
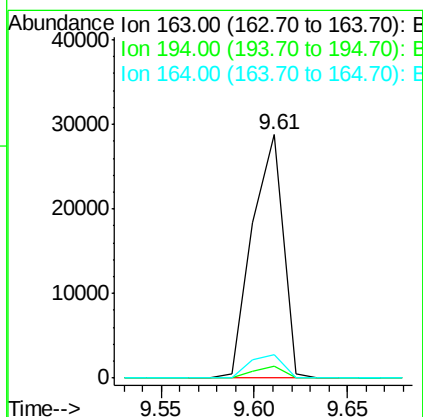
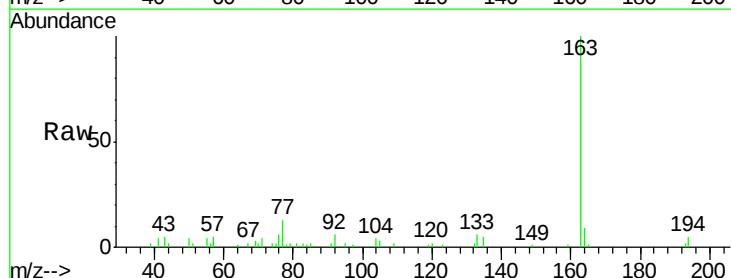
Instrument :
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U5-B3(0-12)C

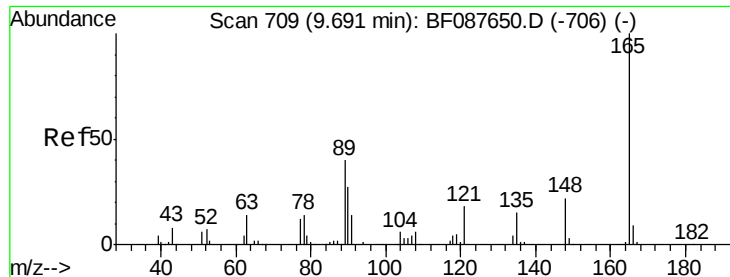
Tgt Ion:172 Resp: 206680
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 23.1 19.2 28.8



#49
Dimethylphthalate
Concen: 2.62 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF087763.D
Acq: 6 Jun 2016 20:49

Tgt Ion:163 Resp: 32990
Ion Ratio Lower Upper
163 100
194 4.6 2.8 4.2#
164 9.4 8.3 12.5

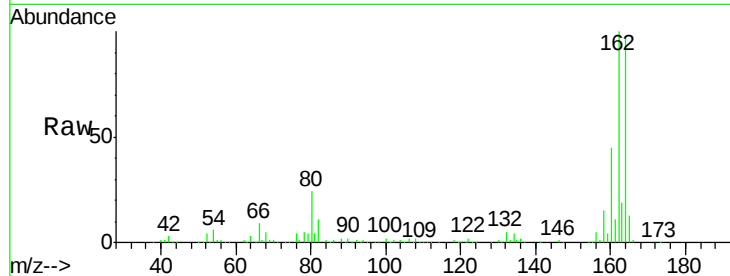




#50
 2,6-Dinitrotoluene
 Concen: 7.94 ng
 RT: 9.88 min Scan# 726
 Delta R.T. 0.19 min
 Lab File: BF087763.D
 Acq: 6 Jun 2016 20:49

Instrument :
 BNA_F
 ClientSampleId :
 U5-B3(0-12)C

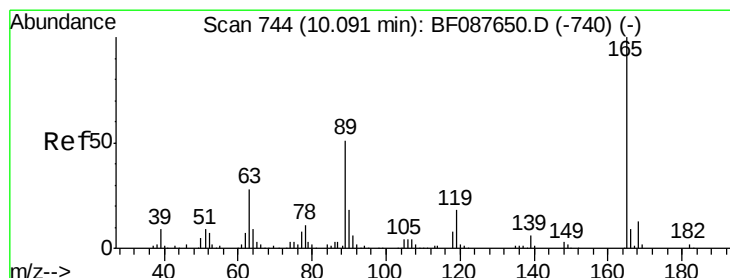
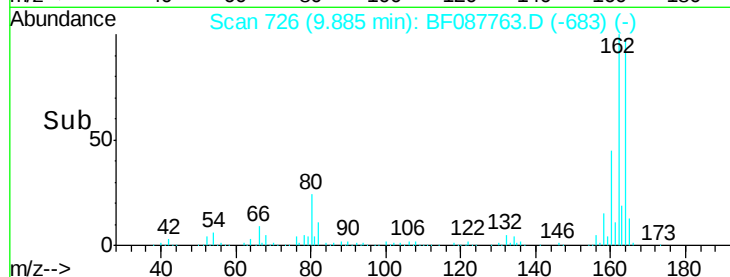
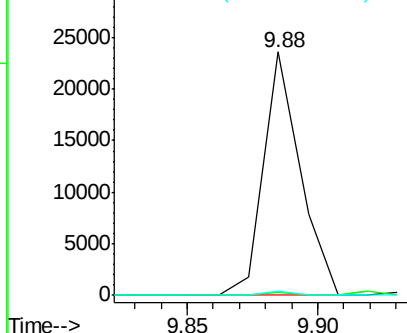
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	28.1	42.1#
89	1.5	32.2	48.2#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.24 ng
 RT: 9.88 min Scan# 726
 Delta R.T. -0.21 min
 Lab File: BF087763.D
 Acq: 6 Jun 2016 20:49

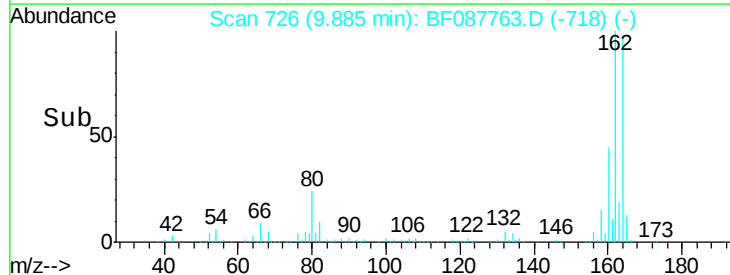
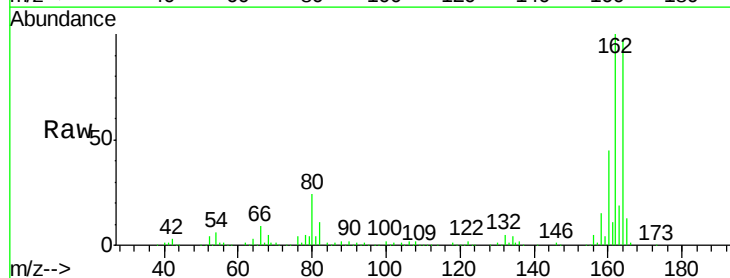
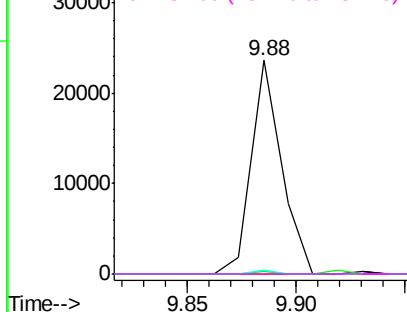
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	22.0	33.0#
89	1.5	41.1	61.7#
182	0.0	2.0	3.0#

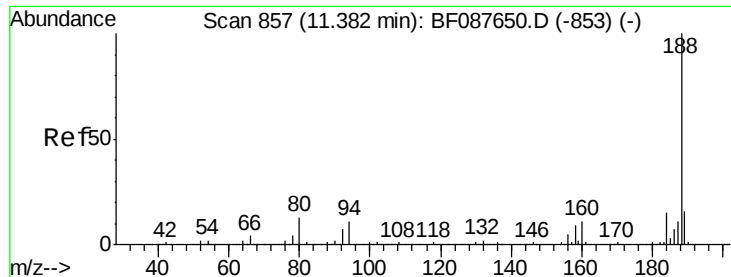
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

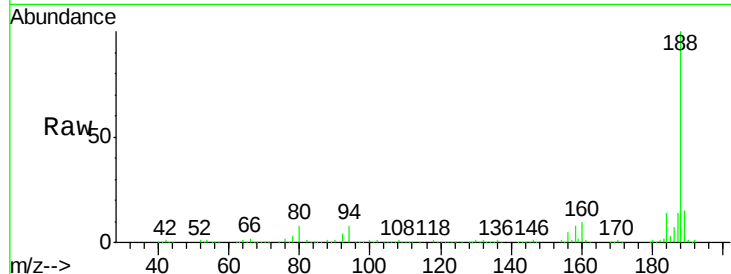




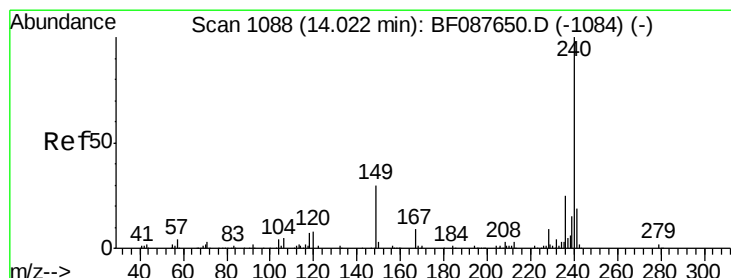
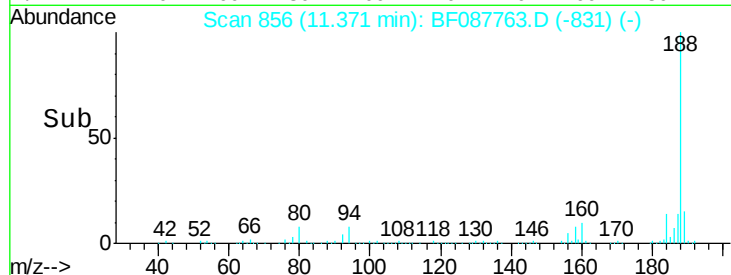
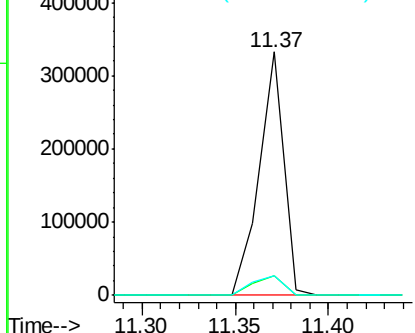
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF087763.D
Acq: 6 Jun 2016 20:49

Instrument :
BNA_F
ClientSampleId :
U5-B3(0-12)C

Tgt Ion:188 Resp: 302536
Ion Ratio Lower Upper
188 100
94 7.9 9.0 13.6#
80 8.1 10.0 15.0#

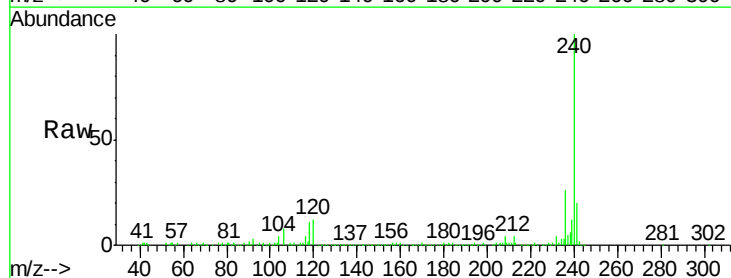


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

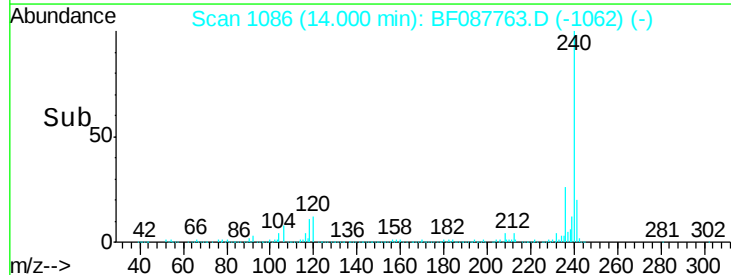
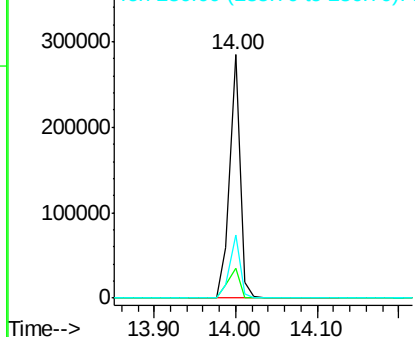


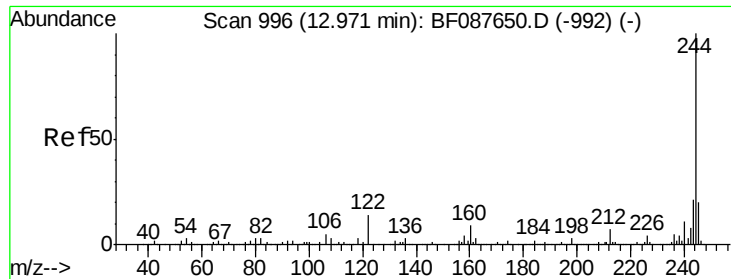
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1086
Delta R.T. -0.02 min
Lab File: BF087763.D
Acq: 6 Jun 2016 20:49

Tgt Ion:240 Resp: 253162
Ion Ratio Lower Upper
240 100
120 12.0 6.8 10.2#
236 25.8 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

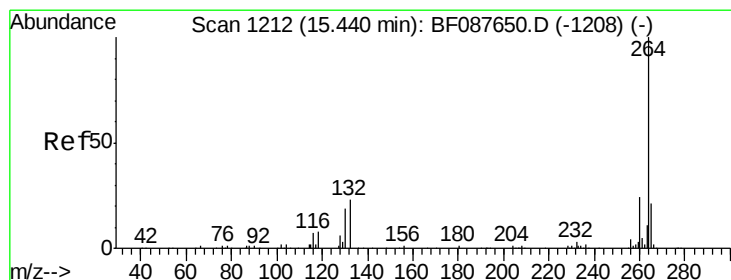
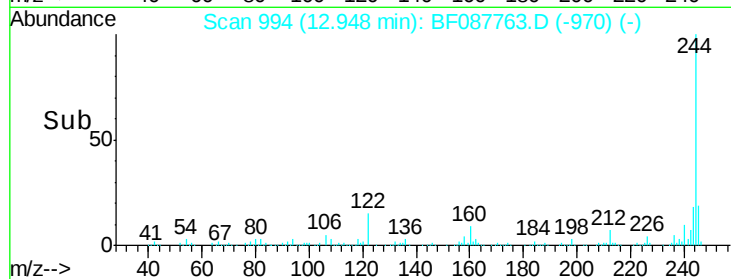
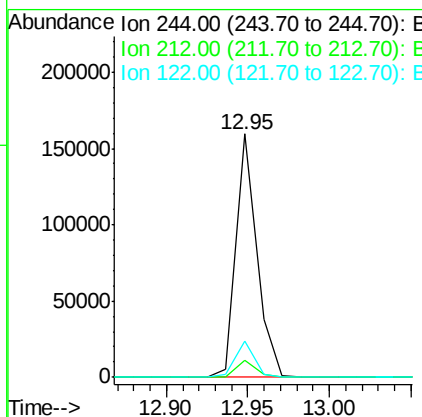
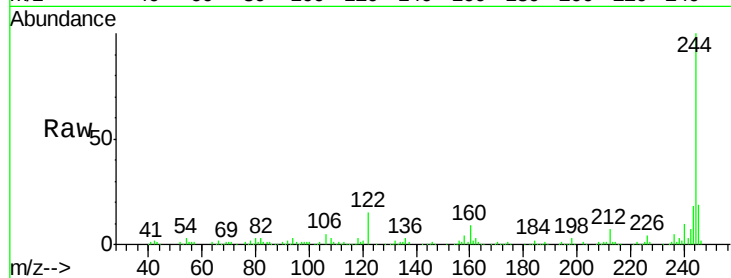




#78
 Terphenyl-d14
 Concen: 13.48 ng
 RT: 12.95 min Scan# 994
 Delta R.T. -0.02 min
 Lab File: BF087763.D
 Acq: 6 Jun 2016 20:49

Instrument :
 BNA_F
 ClientSampleId :
 U5-B3(0-12)C

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	14.8	11.2	16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF087763.D
 Acq: 6 Jun 2016 20:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.5	16.9	25.3

