

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
 Data File : BF087774.D
 Acq On : 7 Jun 2016 4:27
 Operator : UM/SJ
 Sample : H3345-01DL 50X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-15DL

Quant Time: Jun 07 06:50:13 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	101287	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	388855	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	155211	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	263948	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	204569	20.00	ng	-0.02
86) Perylene-d12	15.43	264	151314	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	250577	39.99	ng	-0.01
7) Phenol-d6	6.47	99	186568	23.74	ng	-0.02
23) Nitrobenzene-d5	7.42	82	353522	52.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	110657	71.02	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	600119	52.91	ng	-0.02
78) Terphenyl-d14	12.95	244	443566	52.91	ng	-0.02

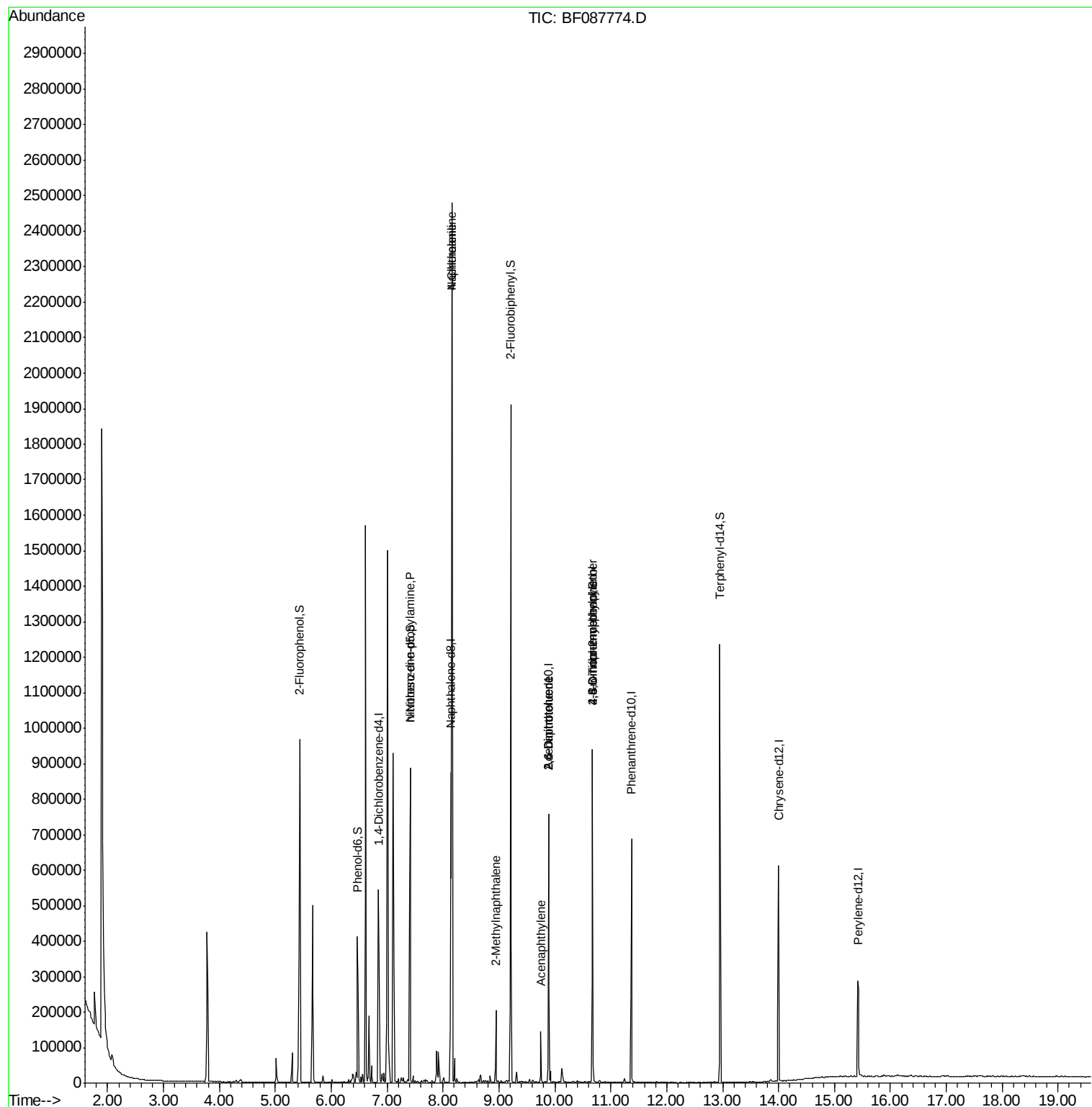
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	45095	9.19	ng	# 71
31) Naphthalene	8.16	128	1058780	56.00	ng	100
33) 4-Chloroaniline	8.16	127	143149	17.43	ng	# 33
37) 2-Methylnaphthalene	8.95	142	51993	4.16	ng	96
48) Acenaphthylene	9.75	152	56921	3.64	ng	98
50) 2,6-Dinitrotoluene	9.88	165	19990	7.79	ng	# 40
56) 2,4-Dinitrotoluene	9.88	165	19992	6.12	ng	# 38
64) 4,6-Dinitro-2-methylphenol	10.67	198	244	2.17	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	7064	2.70	ng	# 1

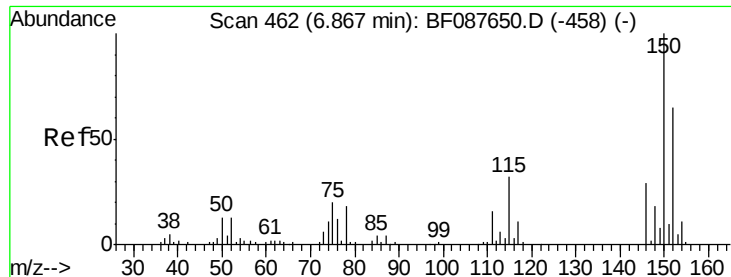
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
Data File : BF087774.D
Acq On : 7 Jun 2016 4:27
Operator : UM/SJ
Sample : H3345-01DL 50X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-15DL

Quant Time: Jun 07 06:50:13 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.02 min

Lab File: BF087774.D

Acq: 7 Jun 2016 4:27

Instrument :

BNA_F

ClientSampleId :

MW-15DL

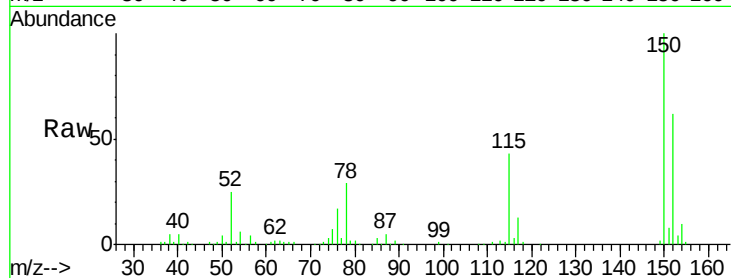
Tgt Ion:152 Resp: 101287

Ion Ratio Lower Upper

152 100

150 161.9 123.8 185.6

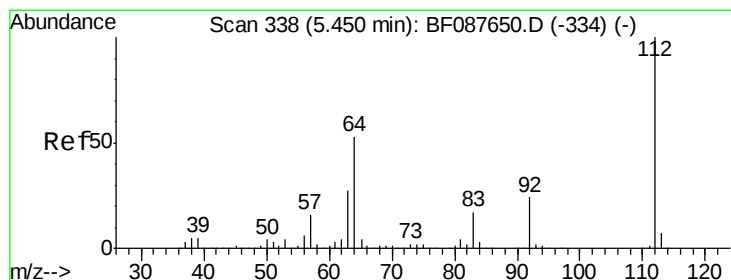
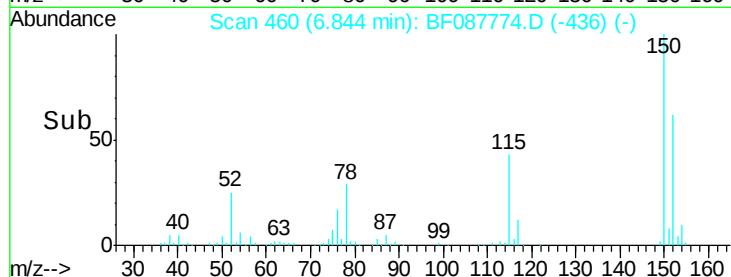
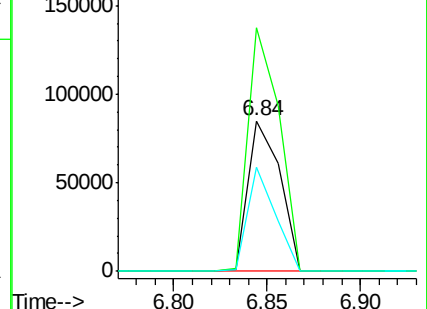
115 68.9 39.6 59.4#



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: 39.99 ng

RT: 5.44 min Scan# 337

Delta R.T. -0.01 min

Lab File: BF087774.D

Acq: 7 Jun 2016 4:27

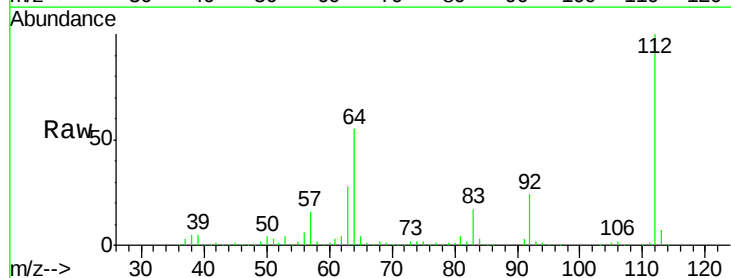
Tgt Ion:112 Resp: 250577

Ion Ratio Lower Upper

112 100

64 55.3 42.2 63.2

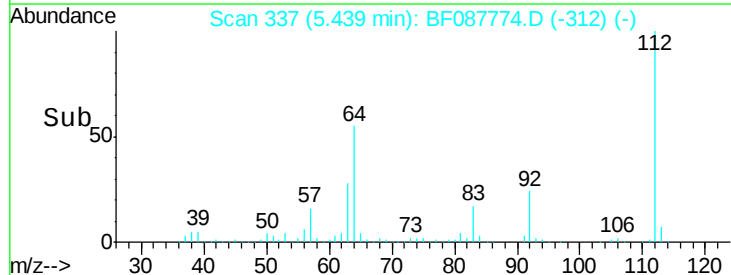
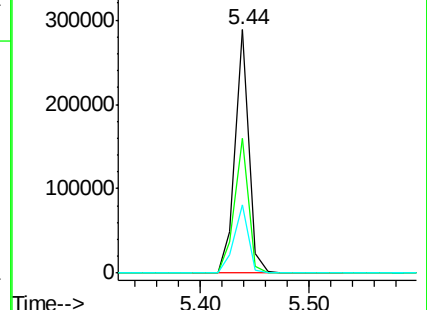
63 28.1 21.8 32.8

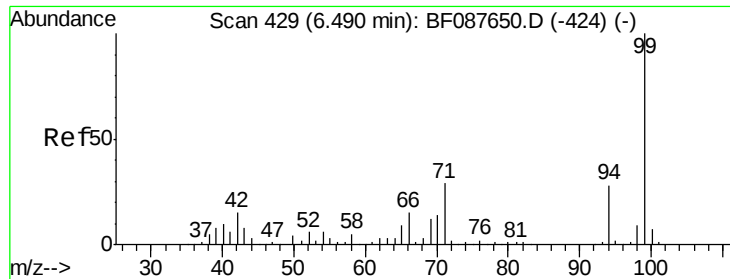


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 23.74 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.02 min

Lab File: BF087774.D

Acq: 7 Jun 2016 4:27

Instrument :

BNA_F

ClientSampleId :

MW-15DL

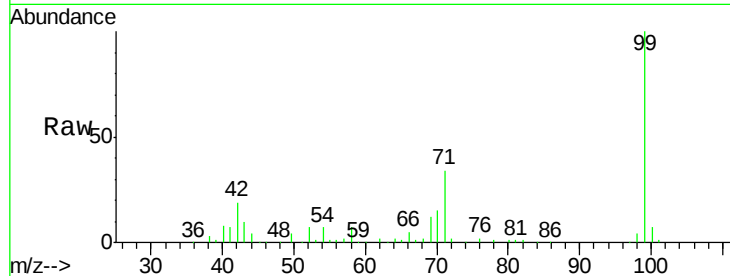
Tgt Ion: 99 Resp: 186568

Ion Ratio Lower Upper

99 100

42 19.2 12.2 18.2#

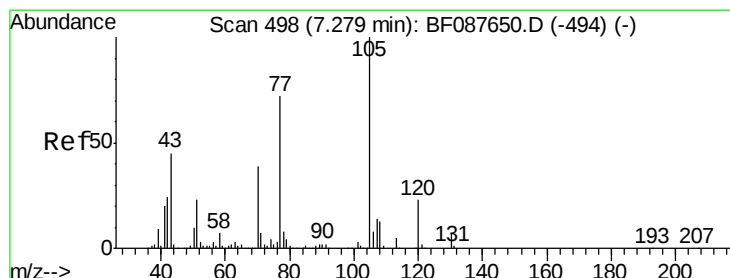
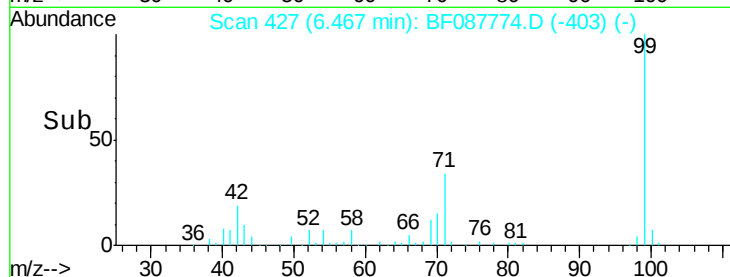
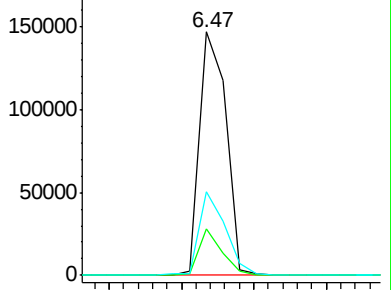
71 34.4 23.4 35.0



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: 9.19 ng

RT: 7.42 min Scan# 510

Delta R.T. 0.14 min

Lab File: BF087774.D

Acq: 7 Jun 2016 4:27

Tgt Ion: 70 Resp: 45095

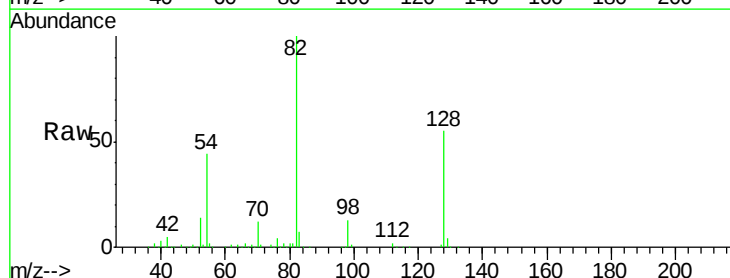
Ion Ratio Lower Upper

70 100

42 40.4 49.6 74.4#

101 0.0 7.1 10.7#

130 3.0 15.4 23.2#

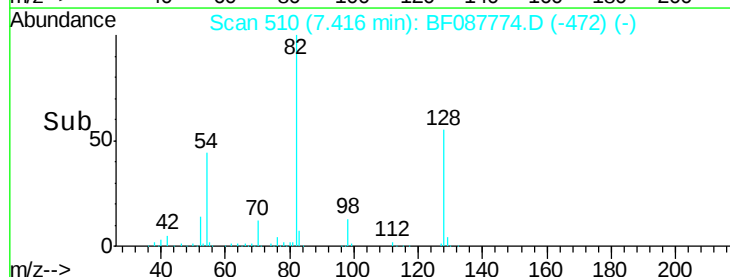
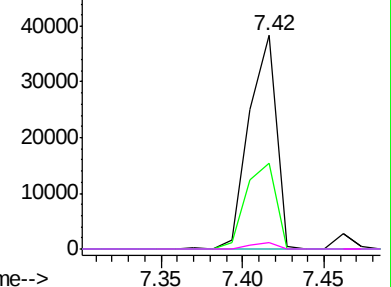


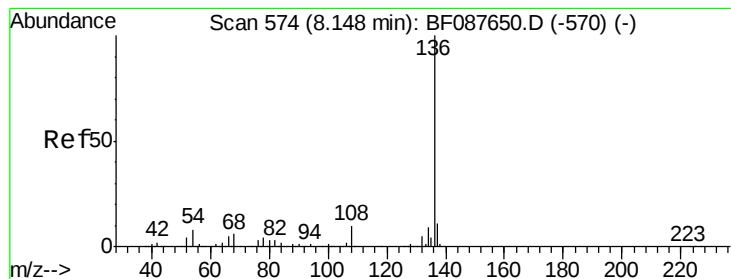
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF087774.D

Acq: 7 Jun 2016 4:27

Instrument :

BNA_F

ClientSampleId :

MW-15DL

Tgt Ion:136 Resp: 388855

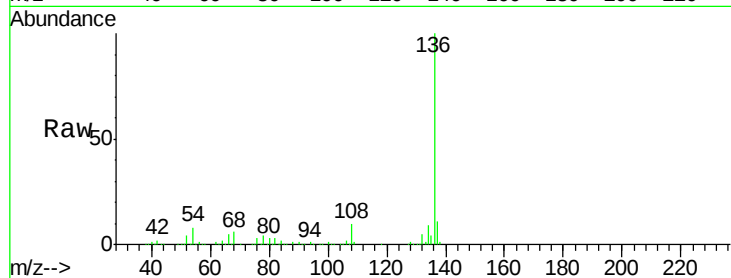
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.6 6.6 10.0

68 5.9 5.1 7.7

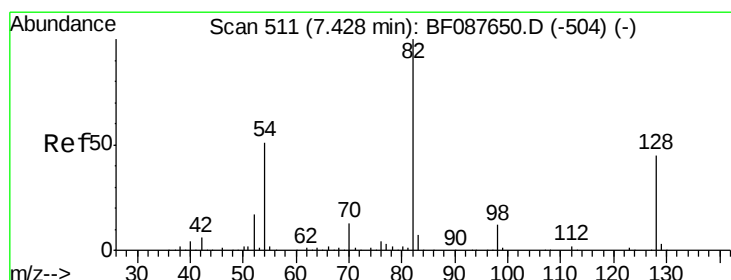
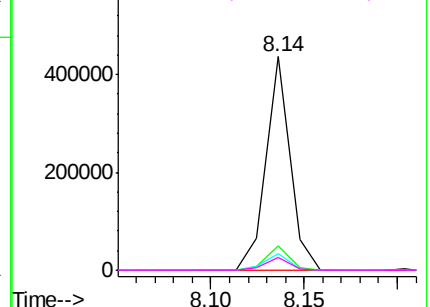
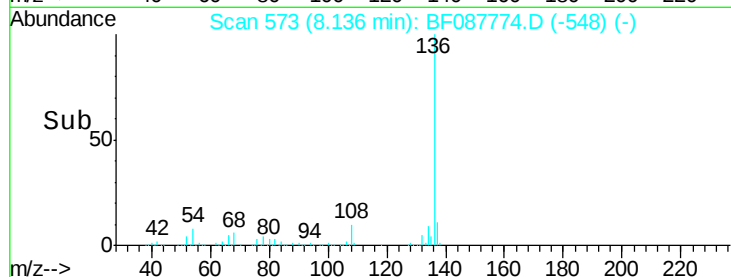


Abundance Ion 136.00 (135.70 to 136.70): E

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: 52.60 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF087774.D

Acq: 7 Jun 2016 4:27

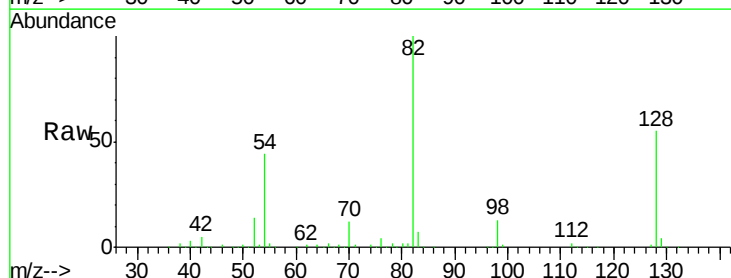
Tgt Ion: 82 Resp: 353522

Ion Ratio Lower Upper

82 100

128 55.3 35.9 53.9#

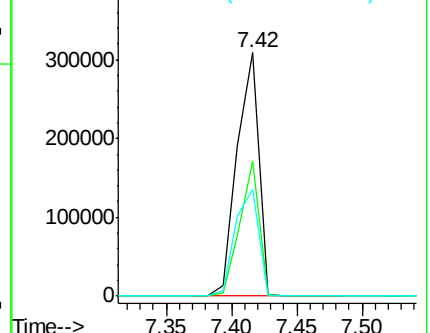
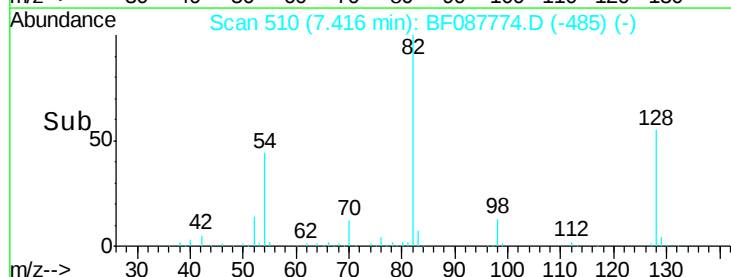
54 43.5 40.9 61.3

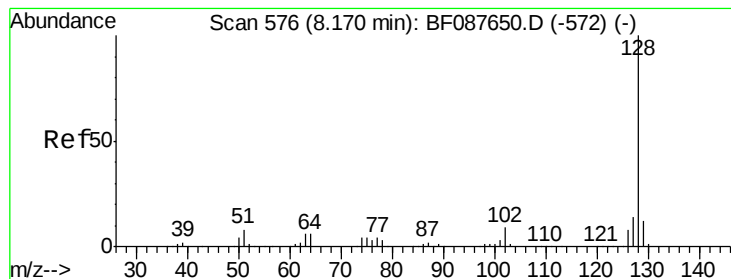


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 56.00 ng

RT: 8.16 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF087774.D

Acq: 7 Jun 2016 4:27

Instrument :

BNA_F

ClientSampleId :

MW-15DL

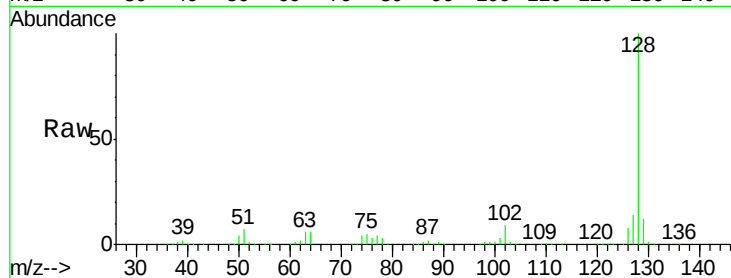
Tgt Ion:128 Resp: 1058780

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.2

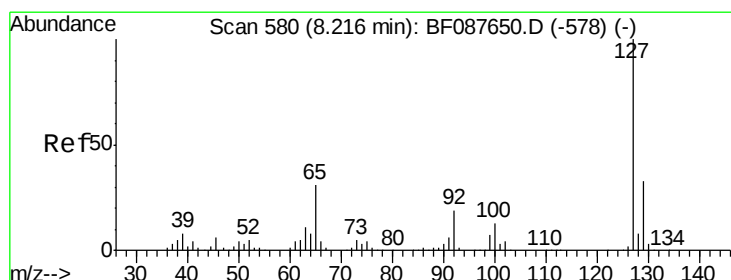
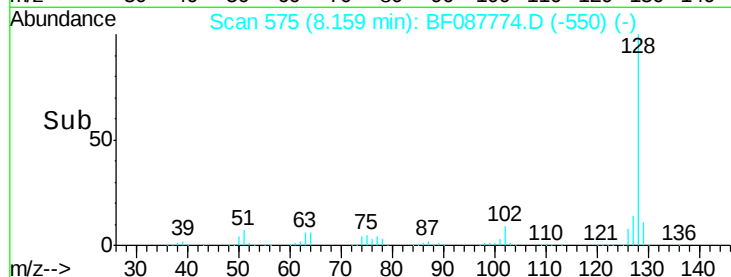
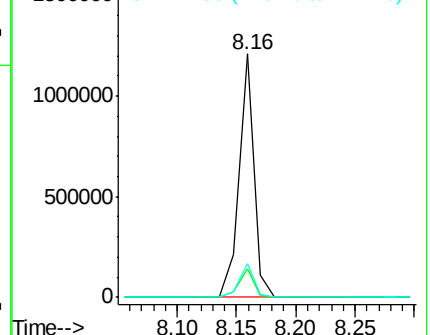
127 13.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 17.43 ng

RT: 8.16 min Scan# 575

Delta R.T. -0.06 min

Lab File: BF087774.D

Acq: 7 Jun 2016 4:27

Tgt Ion:127 Resp: 143149

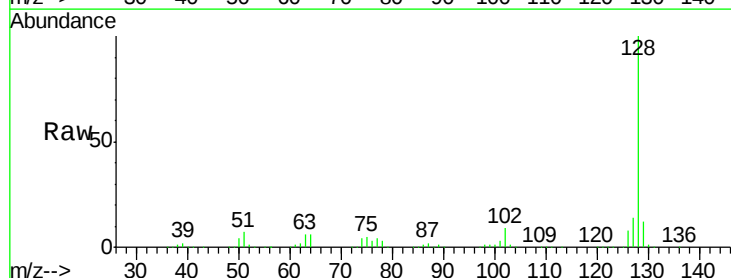
Ion Ratio Lower Upper

127 100

129 84.8 26.3 39.5#

65 0.0 24.7 37.1#

92 0.0 15.4 23.0#

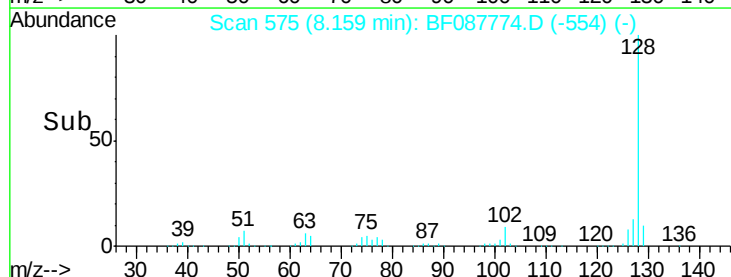
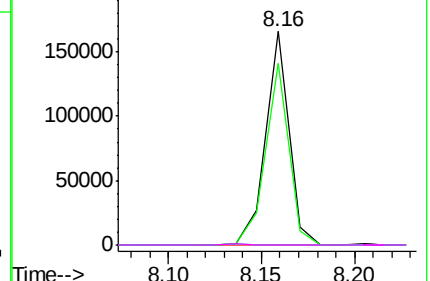


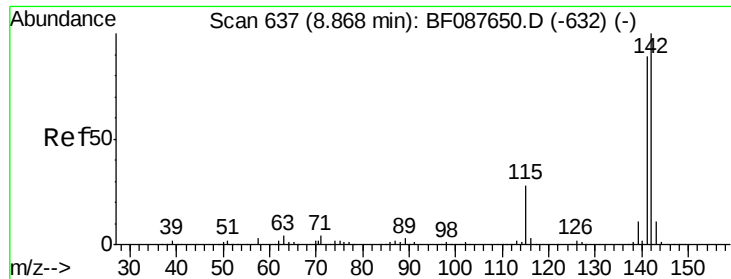
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

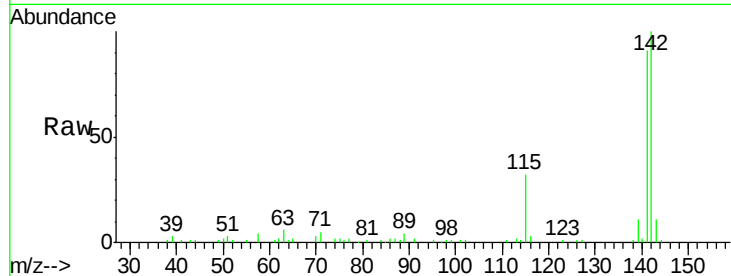




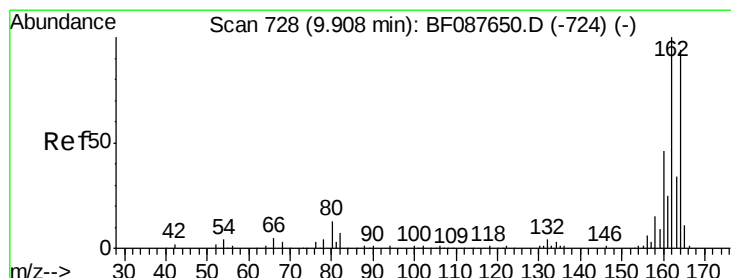
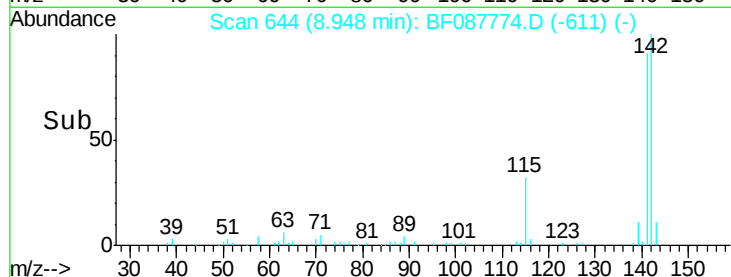
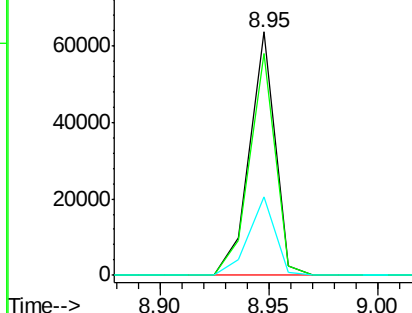
#37
 2-Methylnaphthalene
 Concen: 4.16 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.08 min
 Lab File: BF087774.D
 Acq: 7 Jun 2016 4:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-15DL

Tgt Ion:142 Resp: 51993
 Ion Ratio Lower Upper
 142 100
 141 91.0 71.0 106.6
 115 32.2 22.6 33.8

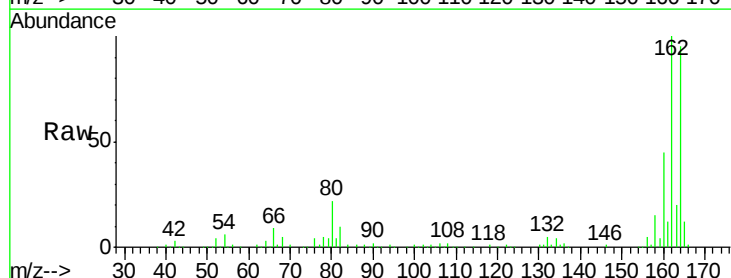


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

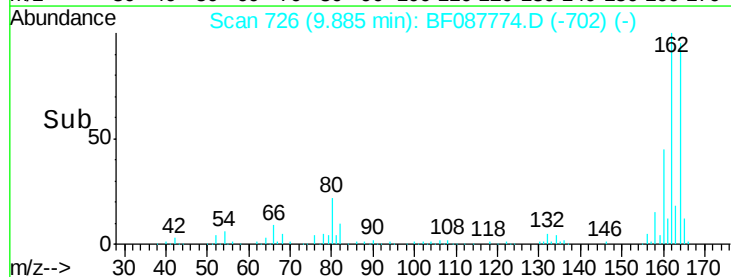
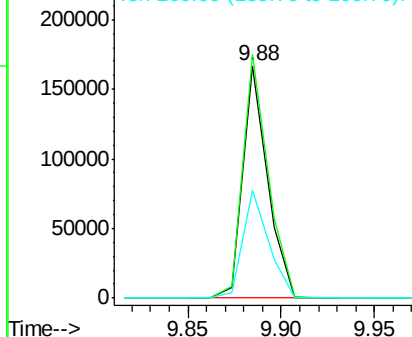


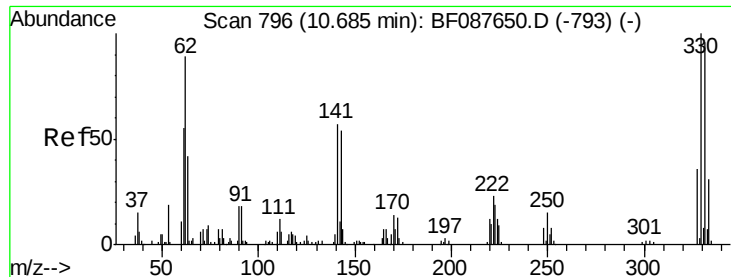
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 726
 Delta R.T. -0.02 min
 Lab File: BF087774.D
 Acq: 7 Jun 2016 4:27

Tgt Ion:164 Resp: 155211
 Ion Ratio Lower Upper
 164 100
 162 104.7 85.4 128.2
 160 46.7 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

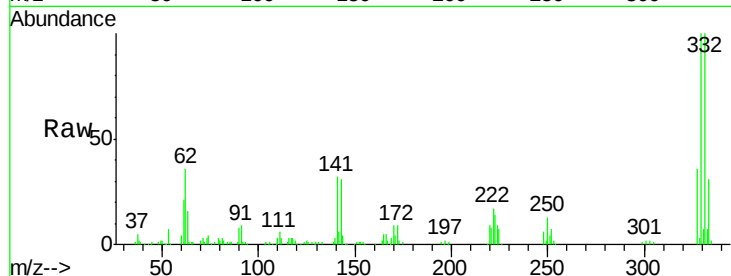




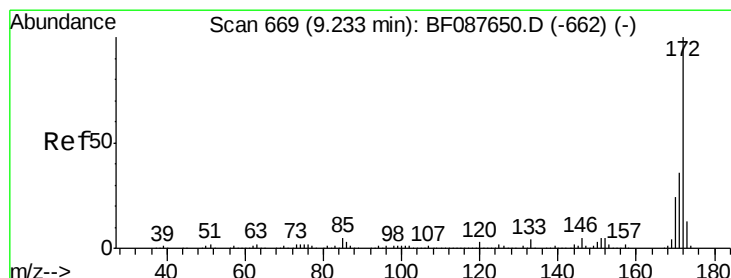
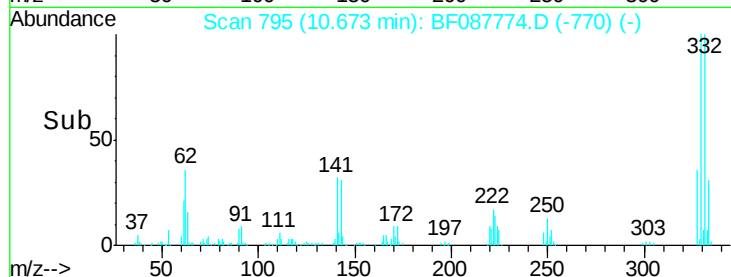
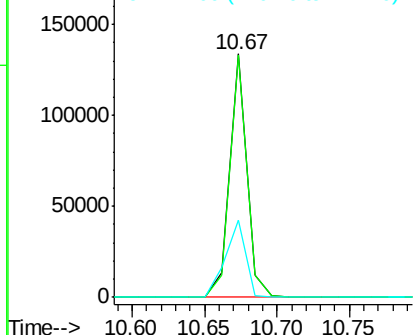
#41
 2,4,6-Tribromophenol
 Concen: 71.02 ng
 RT: 10.67 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF087774.D
 Acq: 7 Jun 2016 4:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-15DL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.3	0.0	0.0#
141	37.2	0.0	0.0#

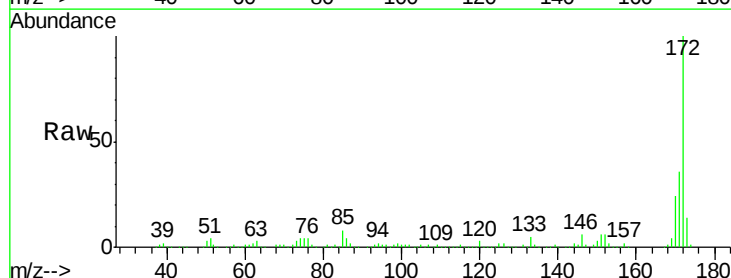


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

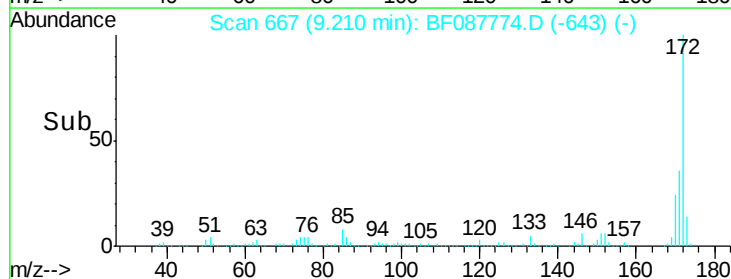
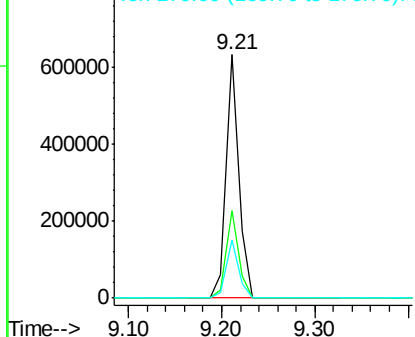


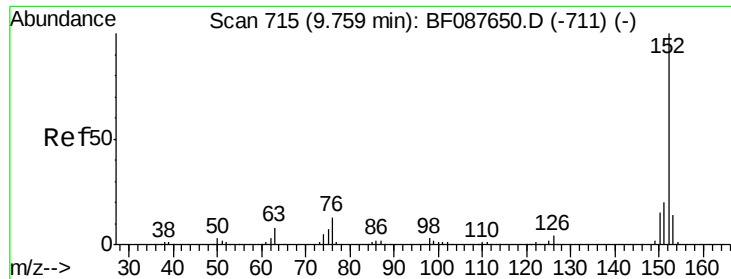
#44
 2-Fluorobiphenyl
 Concen: 52.91 ng
 RT: 9.21 min Scan# 667
 Delta R.T. -0.02 min
 Lab File: BF087774.D
 Acq: 7 Jun 2016 4:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.7	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





#48

Acenaphthylene

Concen: 3.64 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF087774.D

Acq: 7 Jun 2016 4:27

Instrument :

BNA_F

ClientSampleId :

MW-15DL

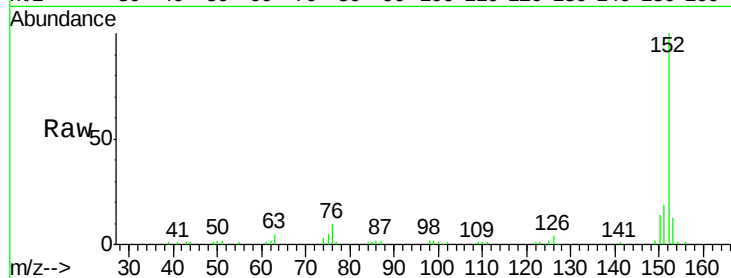
Tgt Ion:152 Resp: 56921

Ion Ratio Lower Upper

152 100

151 19.3 16.2 24.4

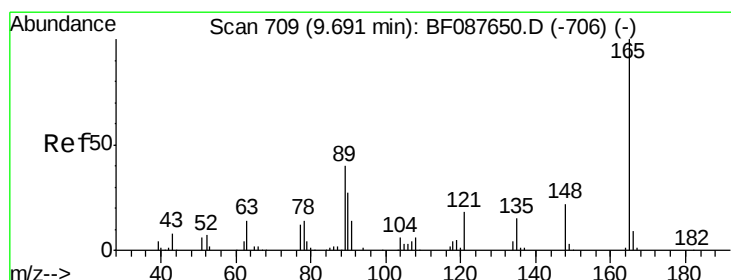
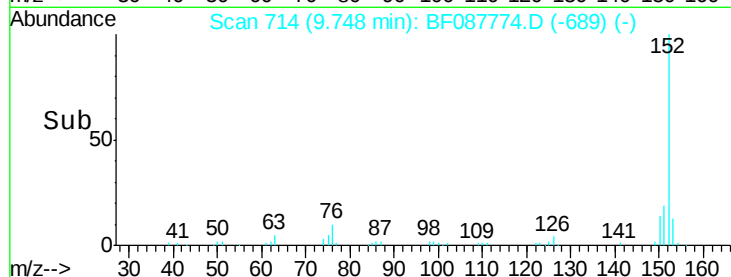
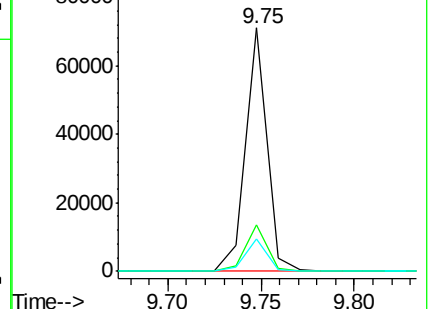
153 13.2 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

2,6-Dinitrotoluene

Concen: 7.79 ng

RT: 9.88 min Scan# 726

Delta R.T. 0.19 min

Lab File: BF087774.D

Acq: 7 Jun 2016 4:27

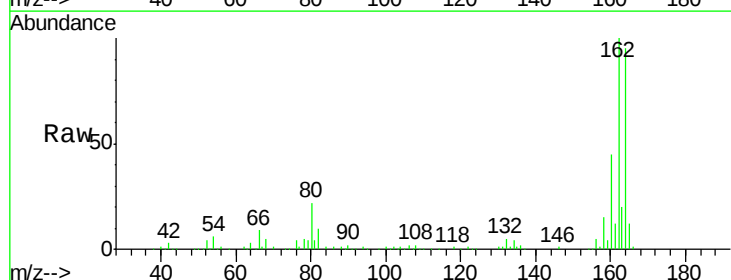
Tgt Ion:165 Resp: 19990

Ion Ratio Lower Upper

165 100

63 1.4 28.1 42.1#

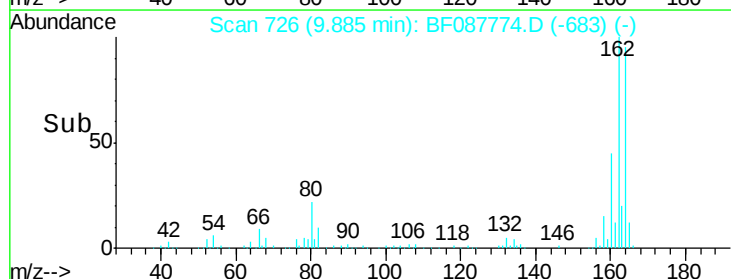
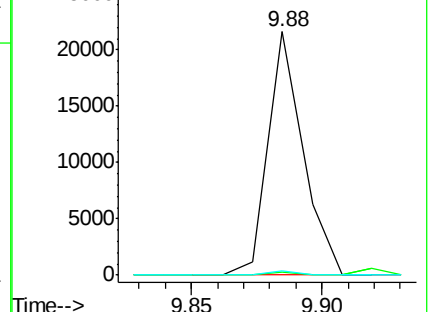
89 1.5 32.2 48.2#

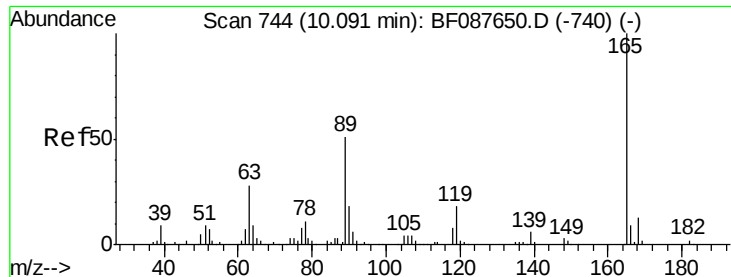


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

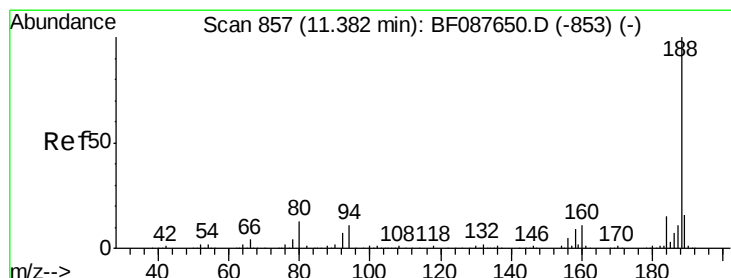
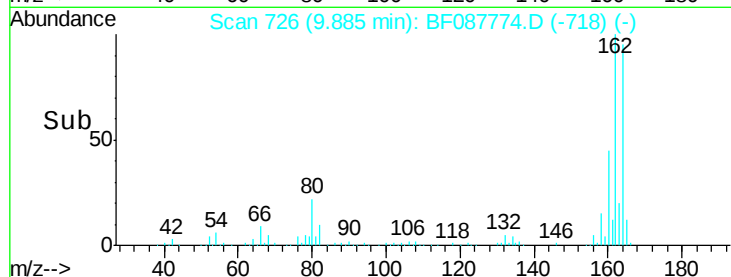
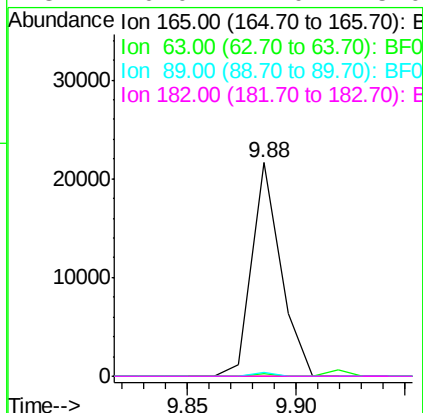
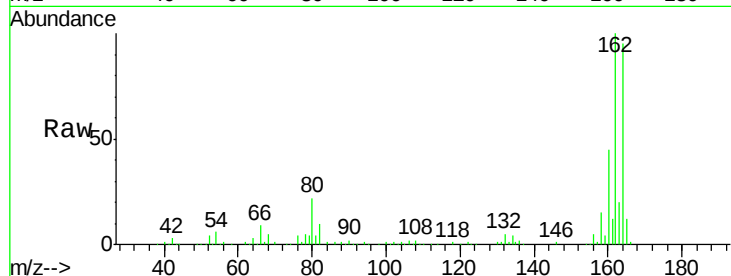




#56
 2,4-Dinitrotoluene
 Concen: 6.12 ng
 RT: 9.88 min Scan# 726
 Delta R.T. -0.21 min
 Lab File: BF087774.D
 Acq: 7 Jun 2016 4:27

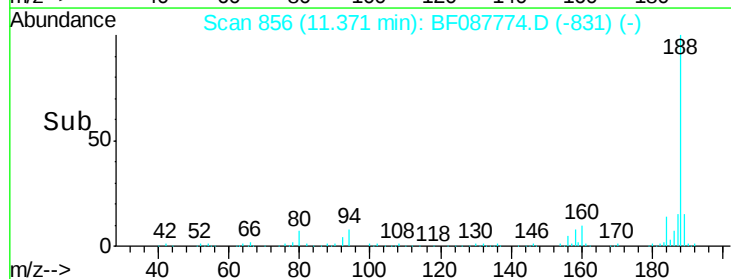
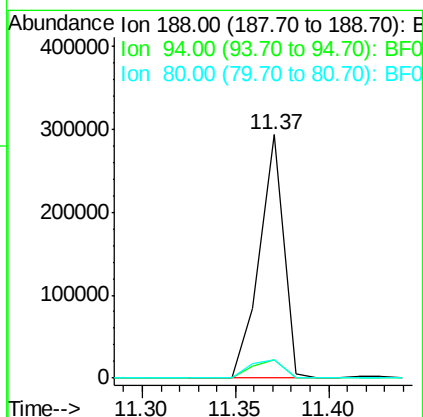
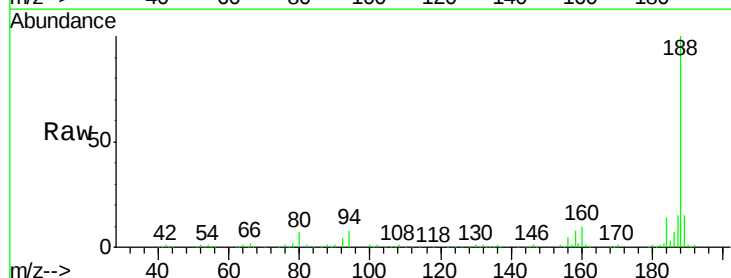
Instrument :
 BNA_F
 ClientSampleId :
 MW-15DL

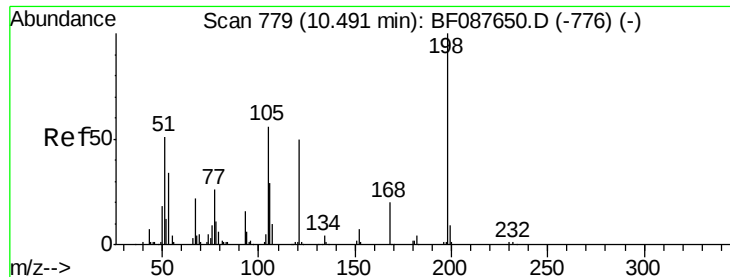
Tgt Ion:	165	Resp:	19992
Ion	Ratio	Lower	Upper
165	100		
63	1.4	22.0	33.0#
89	1.5	41.1	61.7#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BF087774.D
 Acq: 7 Jun 2016 4:27

Tgt Ion:	188	Resp:	263948
Ion	Ratio	Lower	Upper
188	100		
94	7.6	9.0	13.6#
80	7.5	10.0	15.0#





#64

4,6-Dinitro-2-methylphenol

Concen: 2.17 ng

RT: 10.67 min Scan# 795

Delta R.T. 0.18 min

Lab File: BF087774.D

Acq: 7 Jun 2016 4:27

Instrument :

BNA_F

ClientSampleId :

MW-15DL

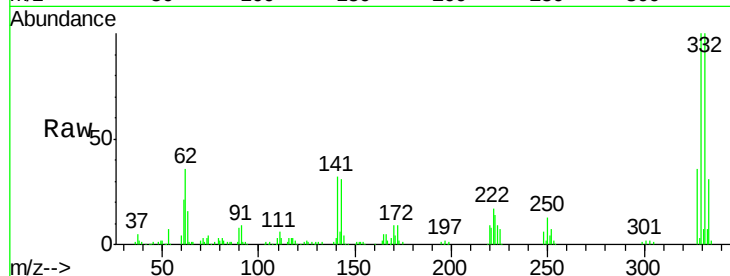
Tgt Ion:198 Resp: 244

Ion Ratio Lower Upper

198 100

51 152.2 39.6 79.6#

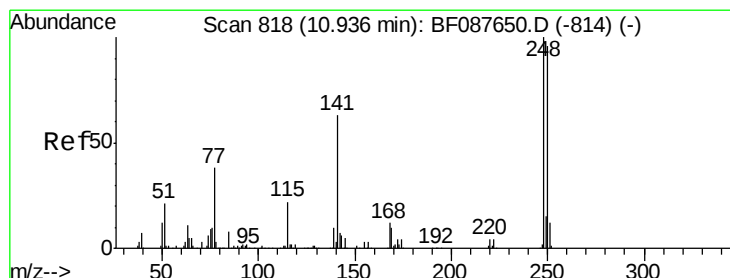
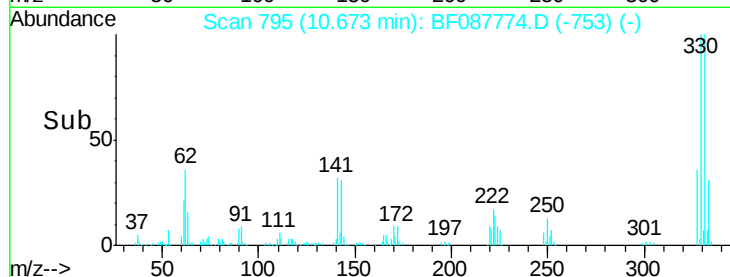
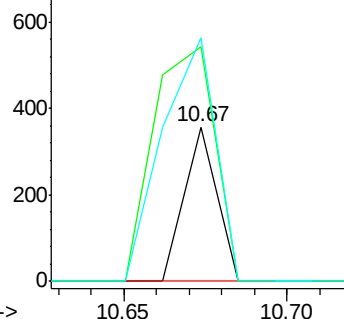
105 158.1 36.6 76.6#



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: 2.70 ng

RT: 10.67 min Scan# 795

Delta R.T. -0.26 min

Lab File: BF087774.D

Acq: 7 Jun 2016 4:27

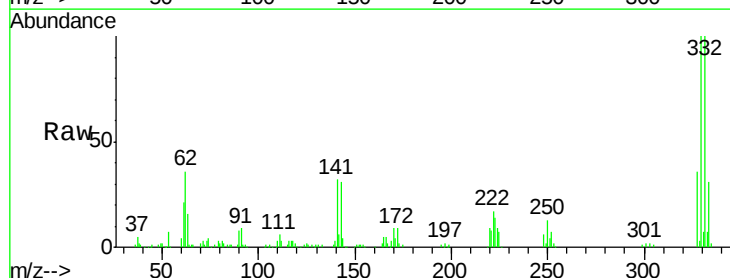
Tgt Ion:248 Resp: 7064

Ion Ratio Lower Upper

248 100

250 201.9 77.1 115.7#

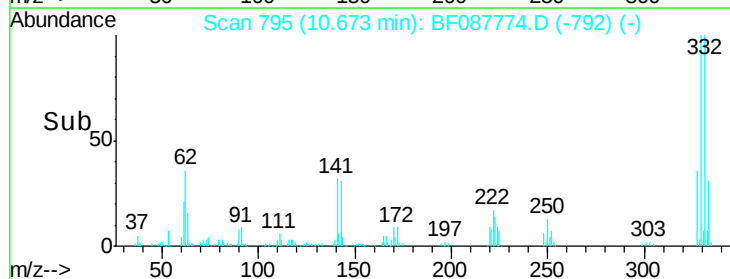
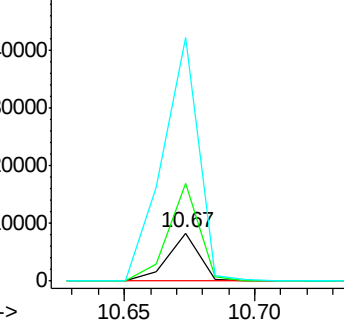
141 503.1 50.6 76.0#

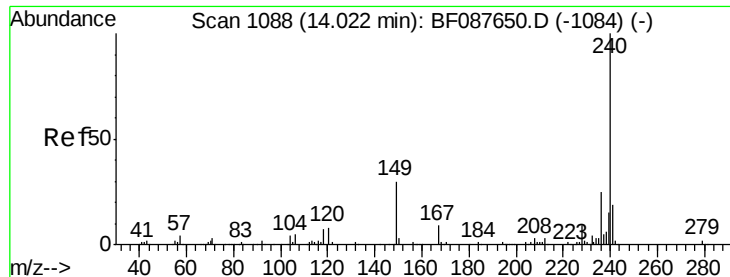


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF087774.D

Acq: 7 Jun 2016 4:27

Instrument :

BNA_F

ClientSampleId :

MW-15DL

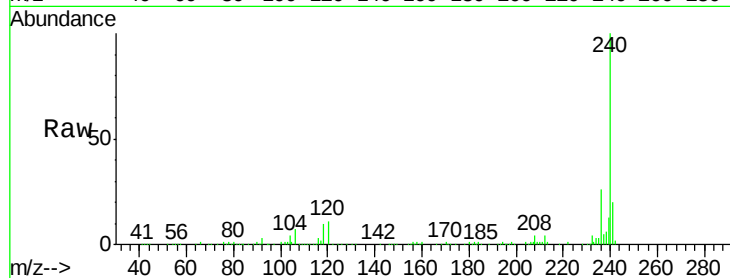
Tgt Ion:240 Resp: 204569

Ion Ratio Lower Upper

240 100

120 11.2 6.8 10.2#

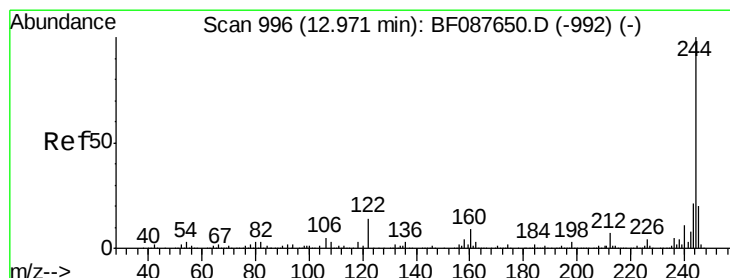
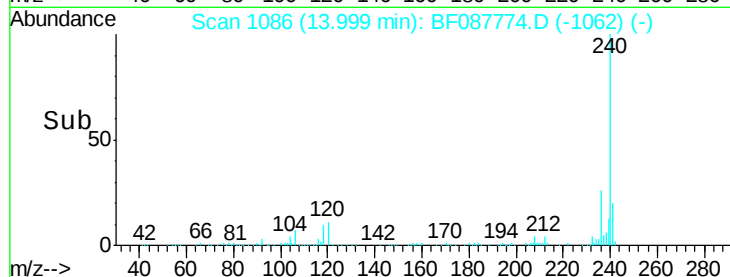
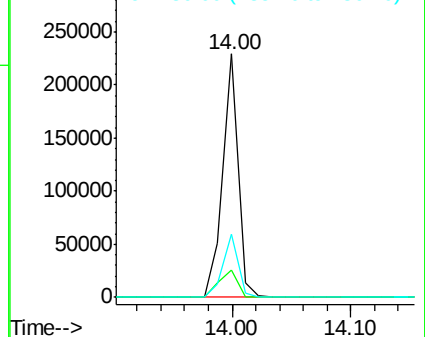
236 25.7 20.2 30.2



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: 52.91 ng

RT: 12.95 min Scan# 994

Delta R.T. -0.02 min

Lab File: BF087774.D

Acq: 7 Jun 2016 4:27

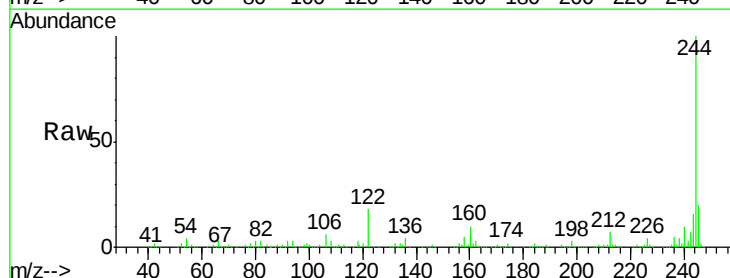
Tgt Ion:244 Resp: 443566

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

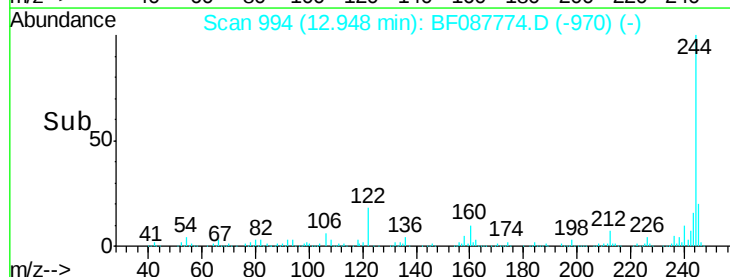
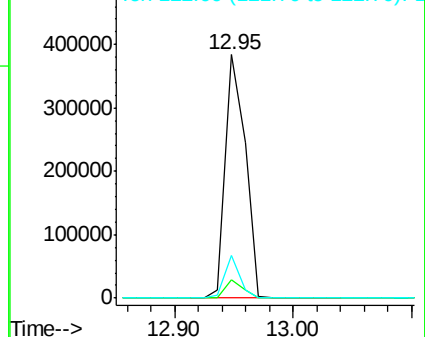
122 17.5 11.2 16.8#

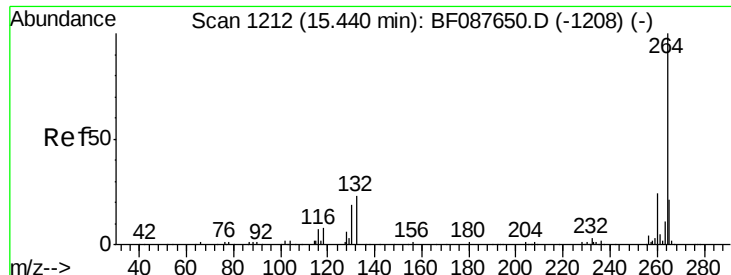


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

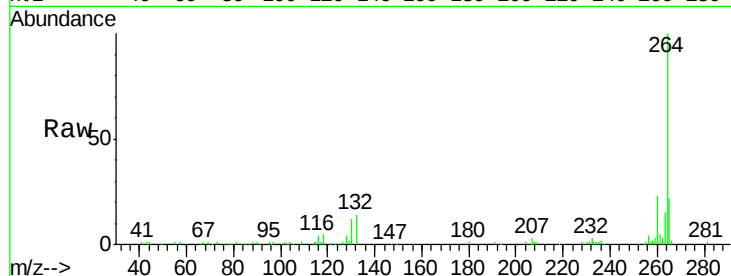




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF087774.D
Acq: 7 Jun 2016 4:27

Instrument :
BNA_F
ClientSampleId :
MW-15DL

Tgt Ion: 264 Resp: 151314
Ion Ratio Lower Upper
264 100
260 22.9 19.2 28.8
265 21.6 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

