

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122315\
 Data File : BF084060.D
 Acq On : 24 Dec 2015 3:48
 Operator : UM/SJ
 Sample : G4936-02
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-2

Quant Time: Dec 24 04:37:51 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 18:54:09 2015
 Response via : Initial Calibration

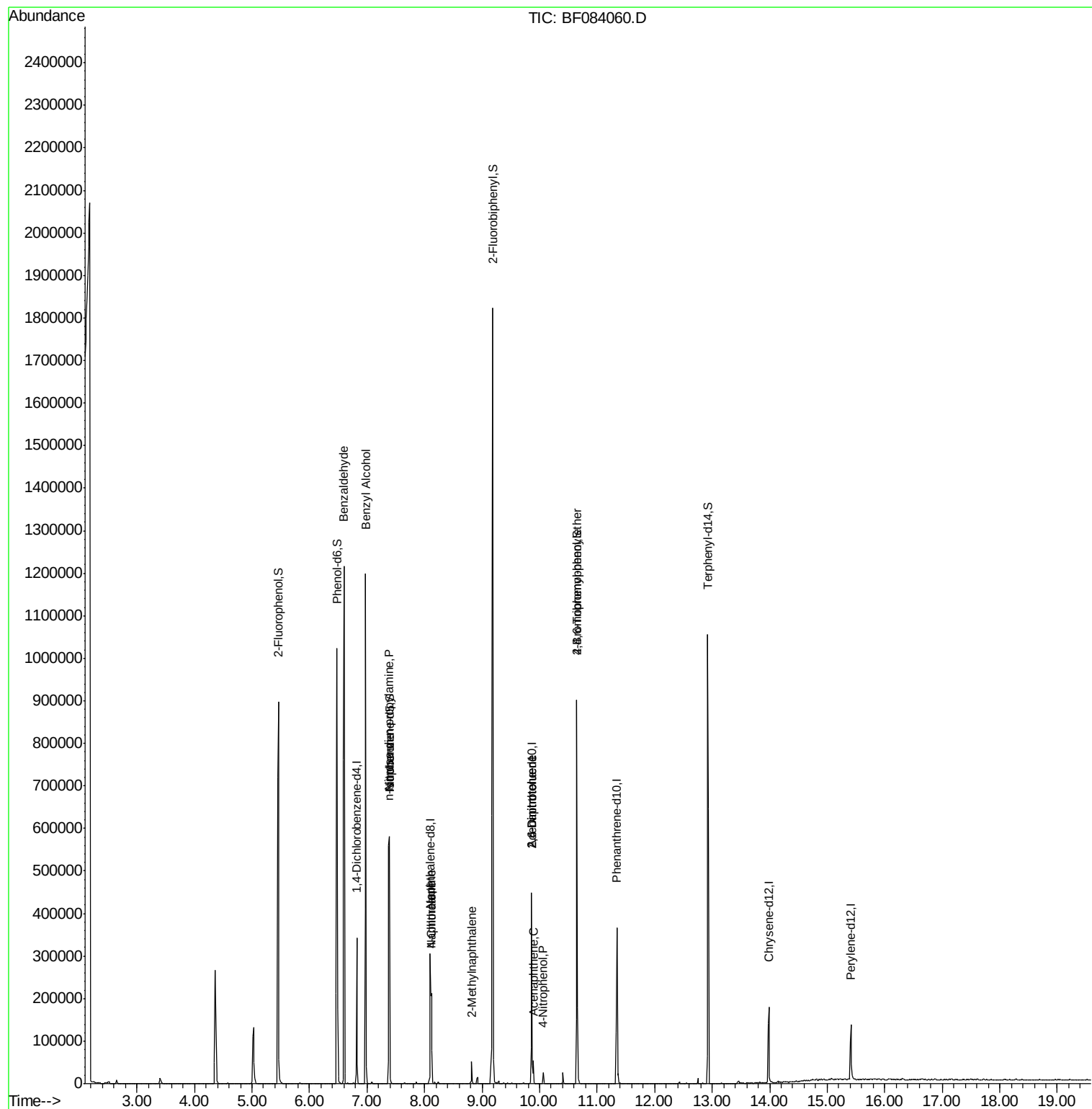
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	50164	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	181646	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	88742	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	141664	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	86000	20.00	ng	-0.01
86) Perylene-d12	15.41	264	69153	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	356839	121.29	ng	0.02
7) Phenol-d6	6.48	99	360450	104.20	ng	0.00
23) Nitrobenzene-d5	7.39	82	289150	97.79	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	102350	119.91	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	608031	92.21	ng	-0.01
78) Terphenyl-d14	12.92	244	402588	111.64	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.60	77	9501	4.11	ng	Qvalue 91
15) Benzyl Alcohol	6.98	79	5604	2.06	ng	# 47
19) n-Nitroso-di-n-propylamine	7.38	70	39854	19.01	ng	# 78
25) Isophorone	7.39	82	276685	49.38	ng	# 66
31) Naphthalene	8.12	128	110357	11.89	ng	99
33) 4-Chloroaniline	8.12	127	14414	3.80	ng	# 33
37) 2-Methylnaphthalene	8.82	142	14599	2.43	ng	96
50) 2,6-Dinitrotoluene	9.86	165	11199	7.64	ng	# 35
51) Acenaphthene	9.89	154	14951	2.81	ng	98
55) 4-Nitrophenol	10.06	139	4647	5.08	ng	# 10
56) 2,4-Dinitrotoluene	9.86	165	11200	6.08	ng	# 20
66) 4-Bromophenyl-phenylether	10.65	248	7289	4.49	ng	# 1

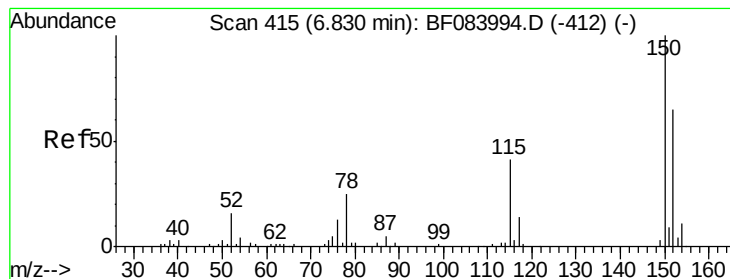
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF084060.D

Acq: 24 Dec 2015 3:48

Instrument :

BNA_G

ClientSampleId :

WC-2

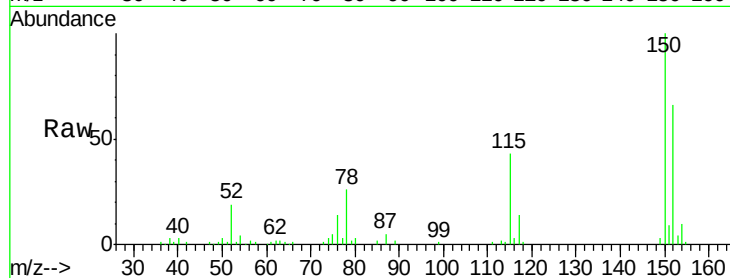
Tgt Ion:152 Resp: 50164

Ion Ratio Lower Upper

152 100

150 151.7 123.0 184.4

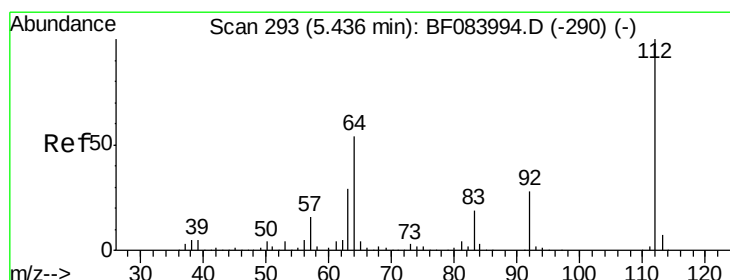
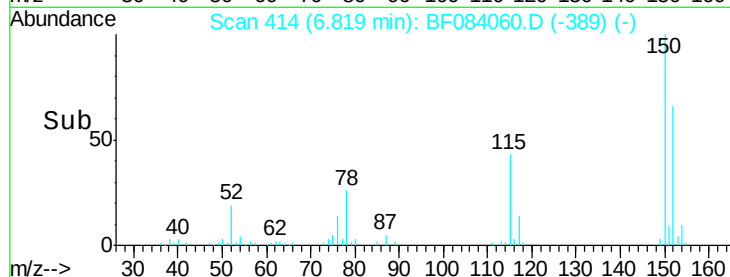
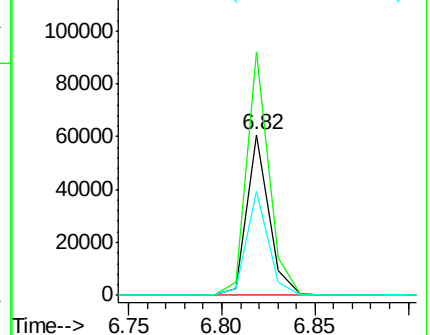
115 64.8 51.4 77.2



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: 121.29 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.02 min

Lab File: BF084060.D

Acq: 24 Dec 2015 3:48

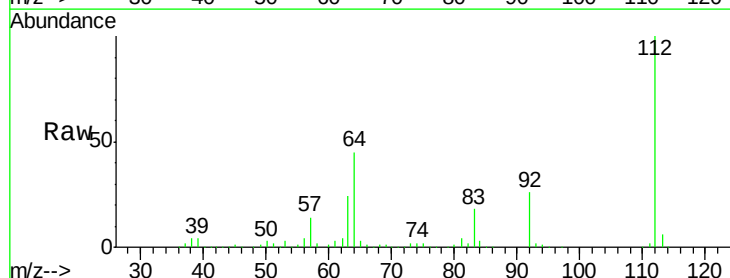
Tgt Ion:112 Resp: 356839

Ion Ratio Lower Upper

112 100

64 44.8 36.6 55.0

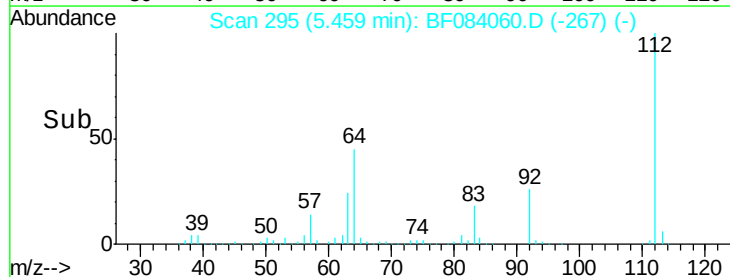
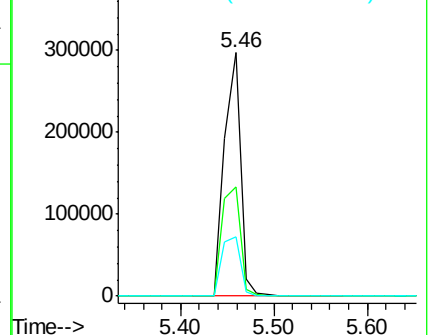
63 24.5 19.4 29.0

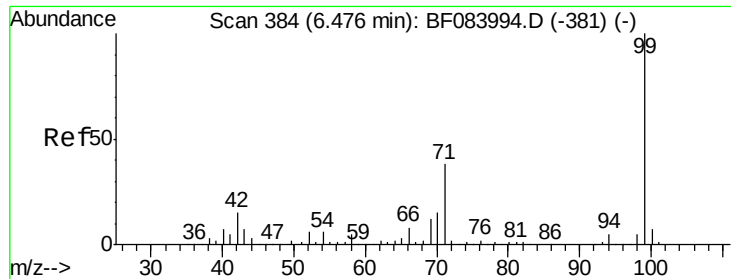


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.20 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084060.D

Acq: 24 Dec 2015 3:48

Instrument :

BNA_G

ClientSampled :

WC-2

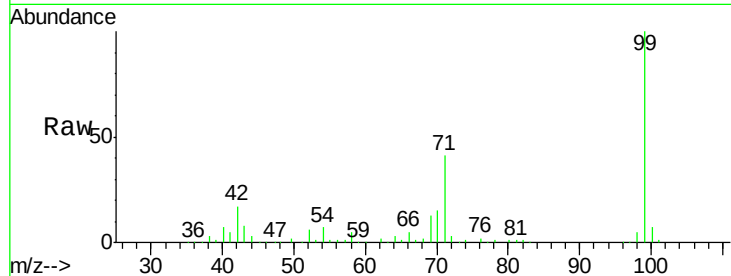
Tgt Ion: 99 Resp: 360450

Ion Ratio Lower Upper

99 100

42 16.7 12.8 19.2

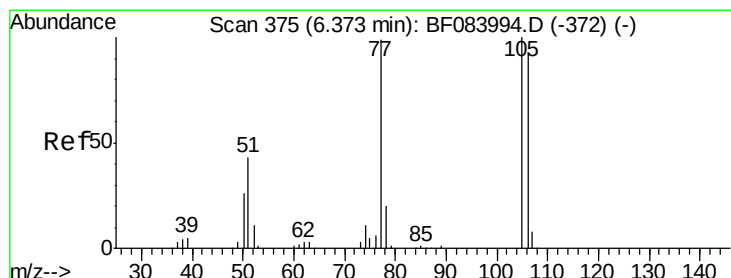
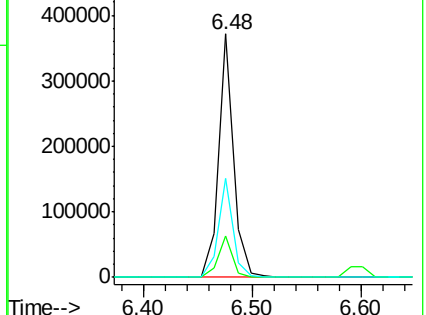
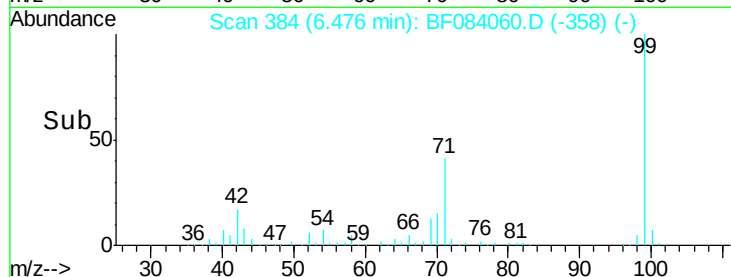
71 40.6 30.9 46.3



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



#9

Benzaldehyde

Concen: 4.11 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.23 min

Lab File: BF084060.D

Acq: 24 Dec 2015 3:48

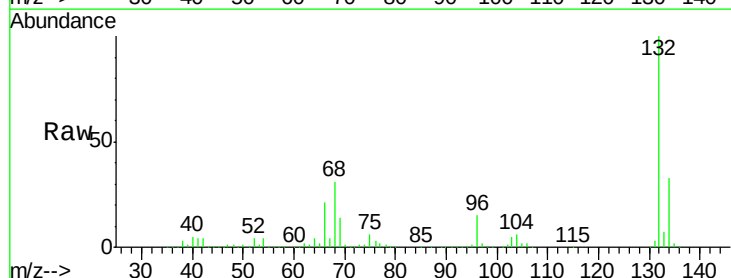
Tgt Ion: 77 Resp: 9501

Ion Ratio Lower Upper

77 100

105 89.3 83.0 123.0

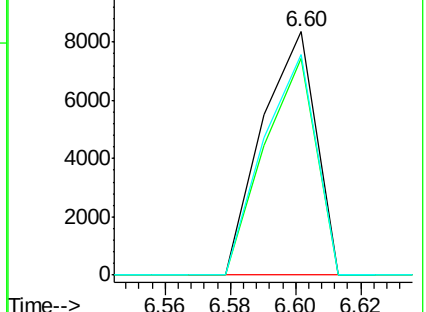
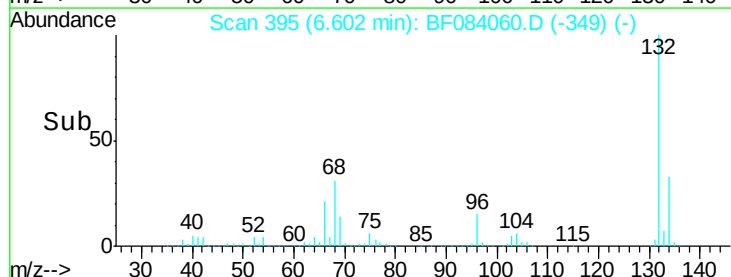
106 90.6 74.6 114.6

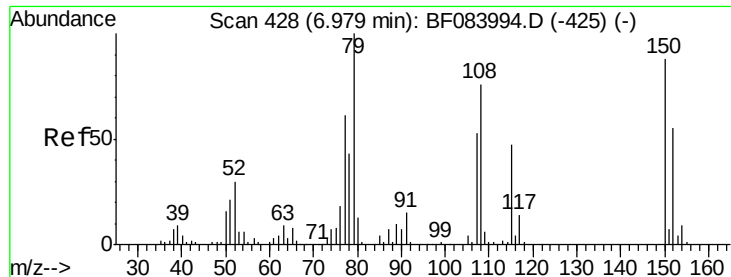


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.06 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF084060.D

Acq: 24 Dec 2015 3:48

Instrument :

BNA_G

ClientSampleId :

WC-2

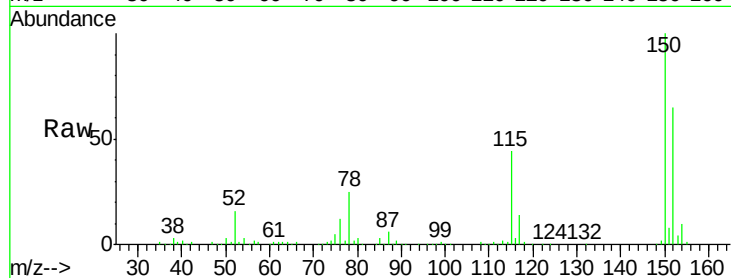
Tgt Ion: 79 Resp: 5604

Ion Ratio Lower Upper

79 100

108 31.3 69.0 103.4#

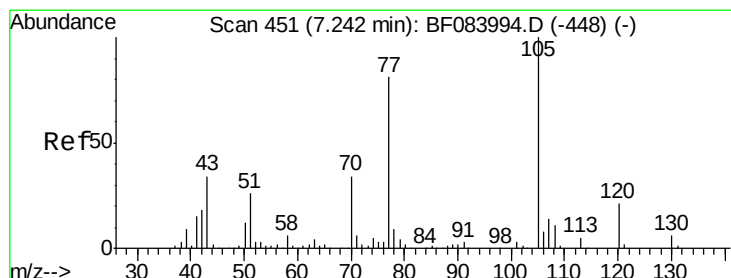
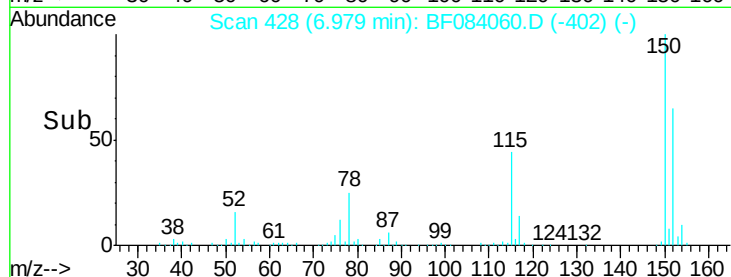
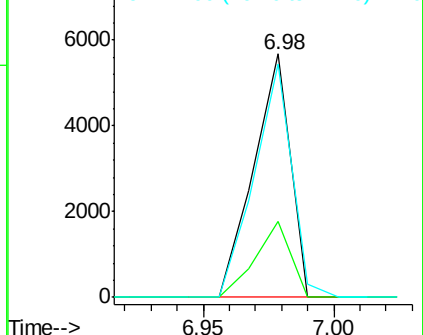
77 96.1 50.0 75.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 19.01 ng

RT: 7.38 min Scan# 463

Delta R.T. 0.14 min

Lab File: BF084060.D

Acq: 24 Dec 2015 3:48

Tgt Ion: 70 Resp: 39854

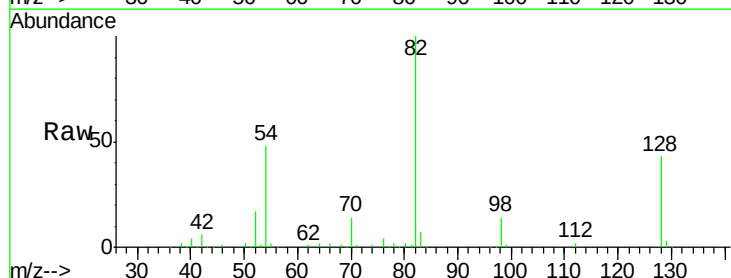
Ion Ratio Lower Upper

70 100

42 41.9 33.3 49.9

101 0.0 9.3 13.9#

130 2.0 23.4 35.0#

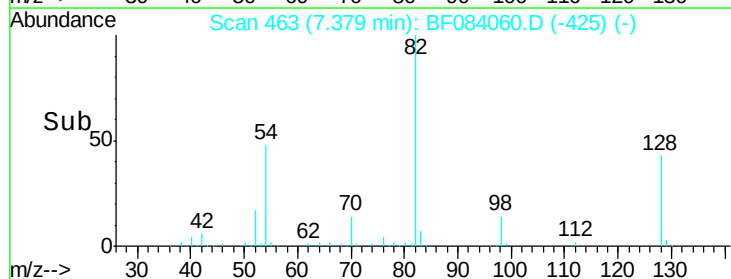
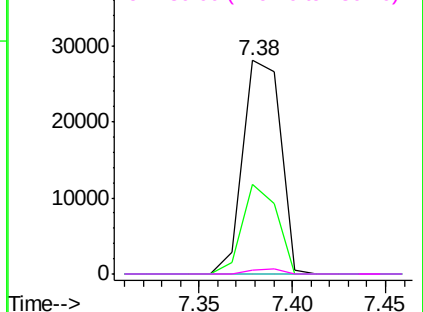


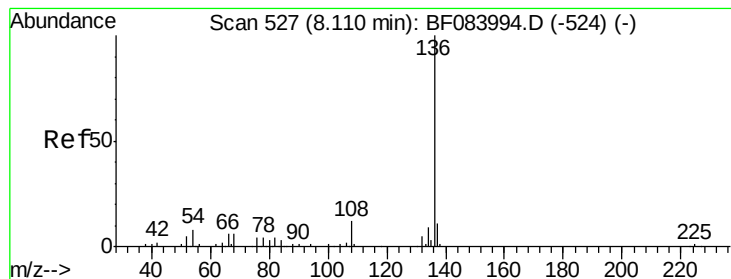
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF084060.D

Acq: 24 Dec 2015 3:48

Instrument :

BNA_G

ClientSampleId :

WC-2

Tgt Ion:136 Resp: 181646

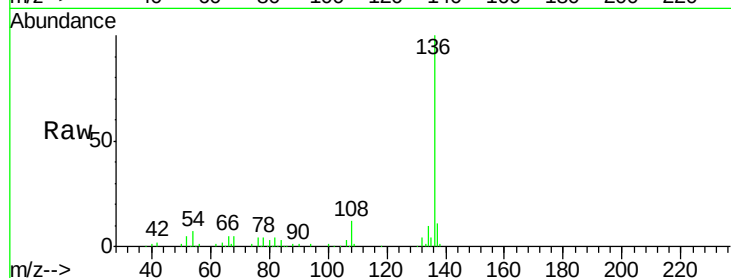
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 7.0 5.8 8.8

68 5.3 4.2 6.2

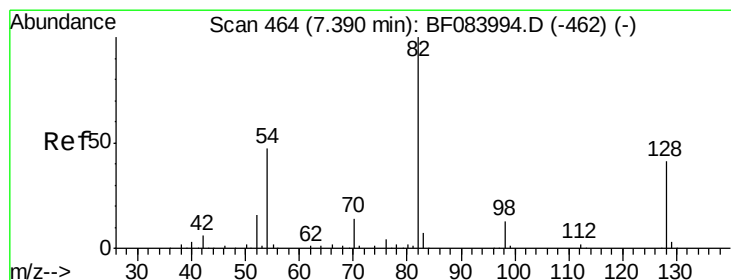
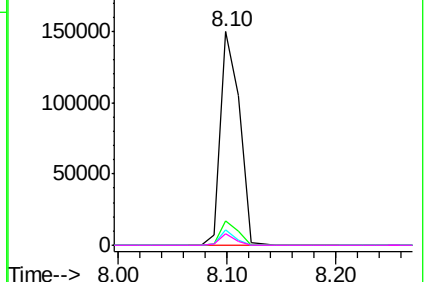
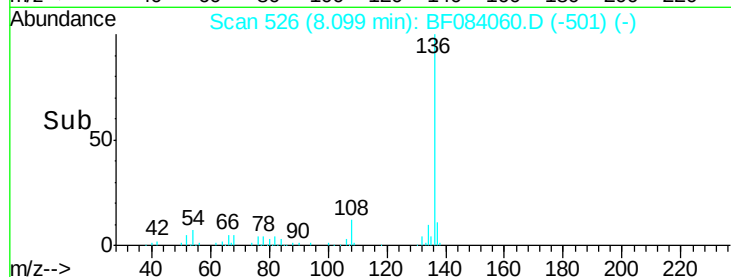


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.79 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF084060.D

Acq: 24 Dec 2015 3:48

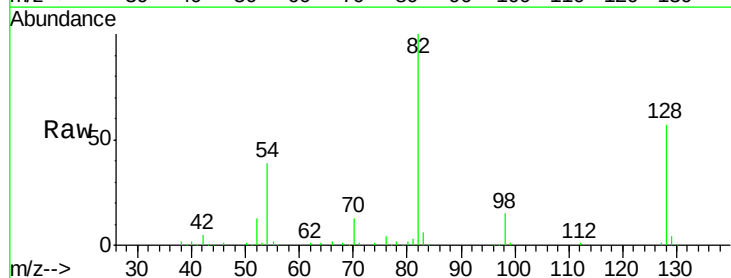
Tgt Ion: 82 Resp: 289150

Ion Ratio Lower Upper

82 100

128 56.6 34.6 51.8#

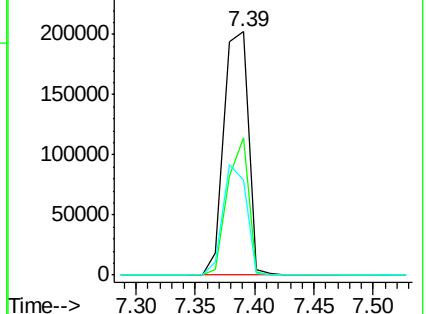
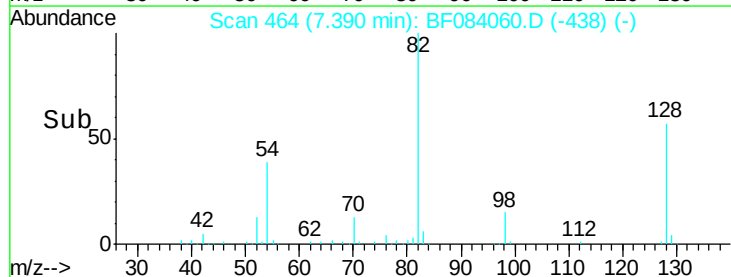
54 39.2 38.4 57.6

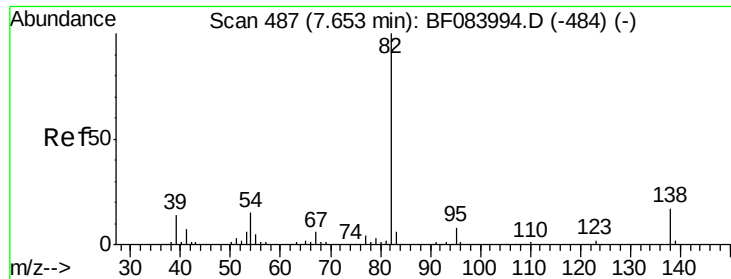


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 49.38 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.26 min

Lab File: BF084060.D

Acq: 24 Dec 2015 3:48

Instrument :

BNA_G

ClientSampleId :

WC-2

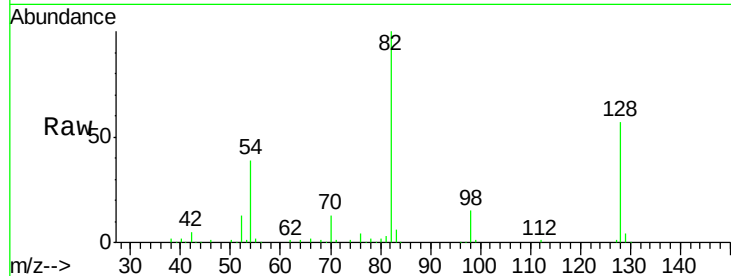
Tgt Ion: 82 Resp: 276685

Ion Ratio Lower Upper

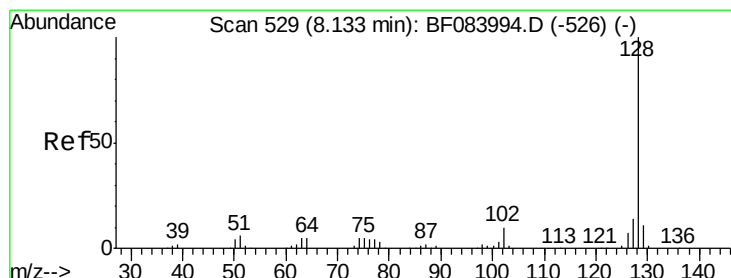
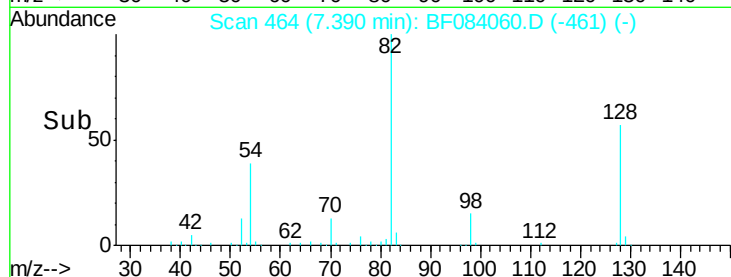
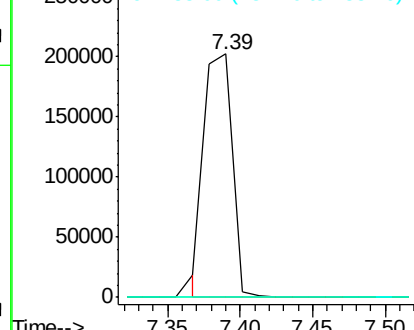
82 100

95 0.0 6.6 10.0#

138 0.0 13.6 20.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#31

Naphthalene

Concen: 11.89 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF084060.D

Acq: 24 Dec 2015 3:48

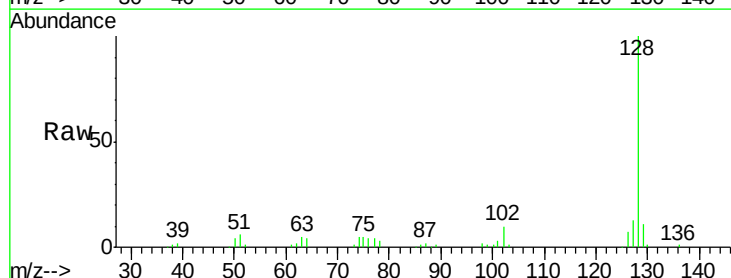
Tgt Ion: 128 Resp: 110357

Ion Ratio Lower Upper

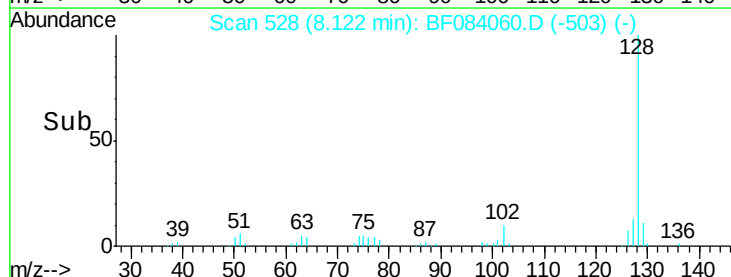
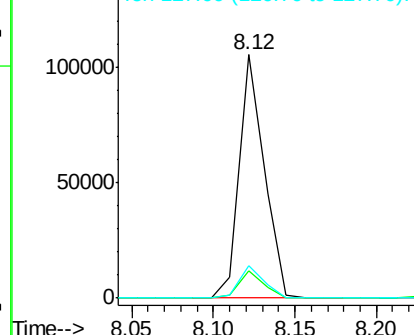
128 100

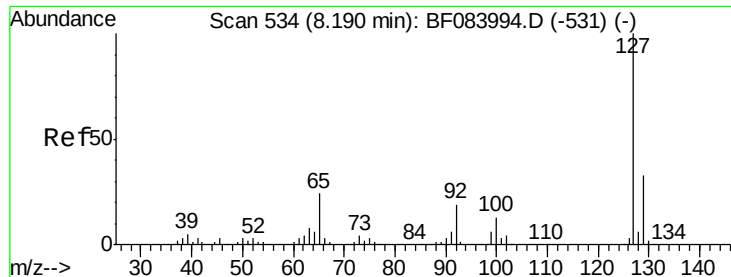
129 11.1 9.1 13.7

127 13.2 11.1 16.7



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

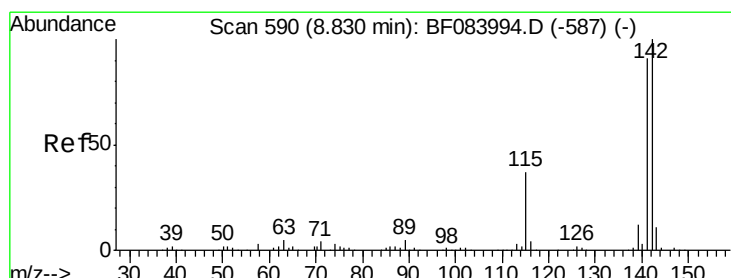
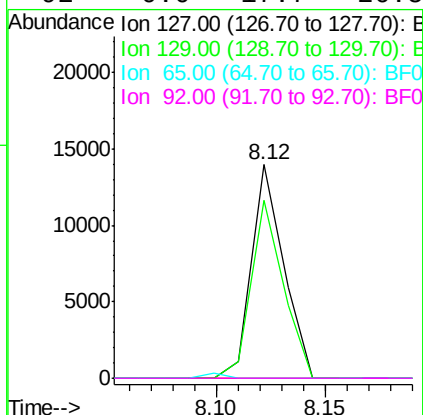
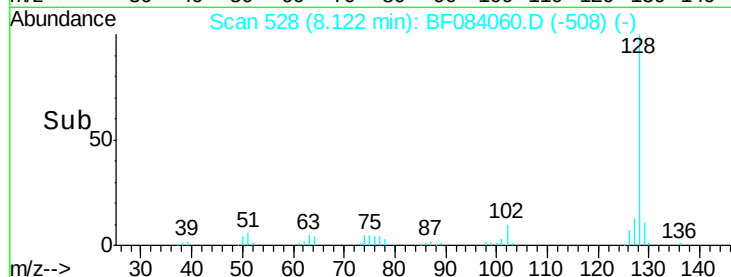
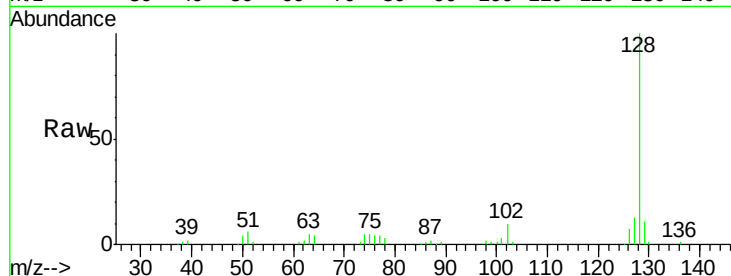




#33
4-Chloroaniline
Concen: 3.80 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.07 min
Lab File: BF084060.D
Acq: 24 Dec 2015 3:48

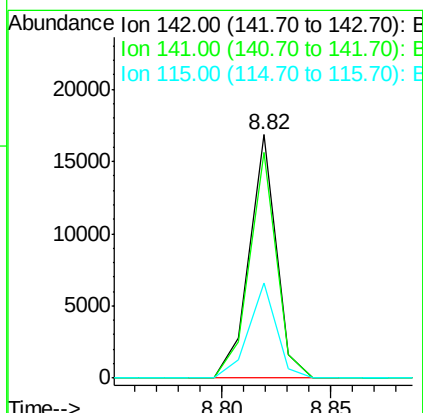
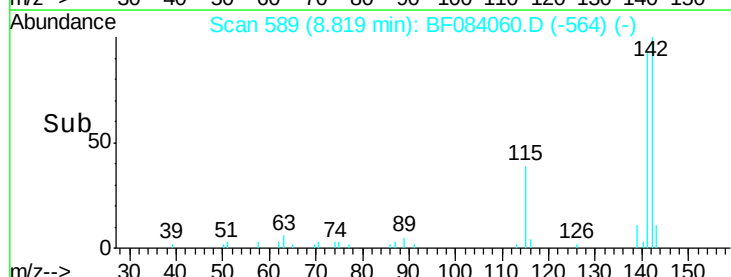
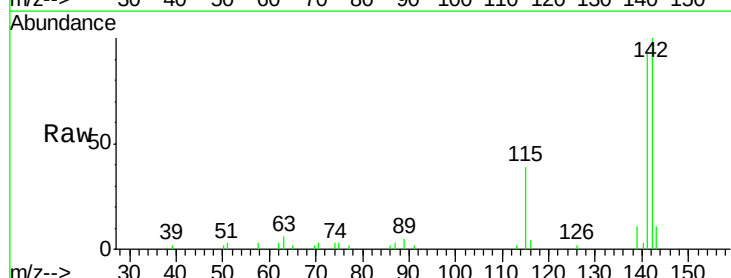
Instrument :
BNA_G
ClientSampleId :
WC-2

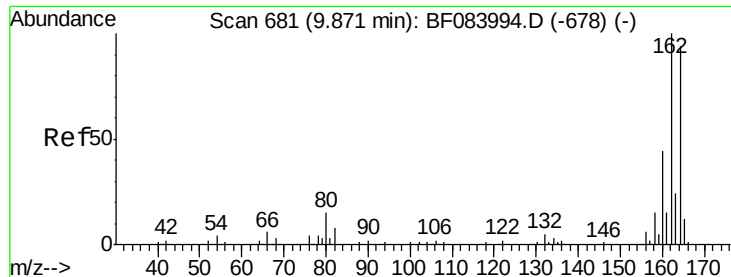
Tgt Ion:127 Resp: 14414
Ion Ratio Lower Upper
127 100
129 83.5 26.5 39.7#
65 0.0 27.2 40.8#
92 0.0 17.7 26.5#



#37
2-Methylnaphthalene
Concen: 2.43 ng
RT: 8.82 min Scan# 589
Delta R.T. -0.01 min
Lab File: BF084060.D
Acq: 24 Dec 2015 3:48

Tgt Ion:142 Resp: 14599
Ion Ratio Lower Upper
142 100
141 92.6 72.4 108.6
115 39.2 27.9 41.9

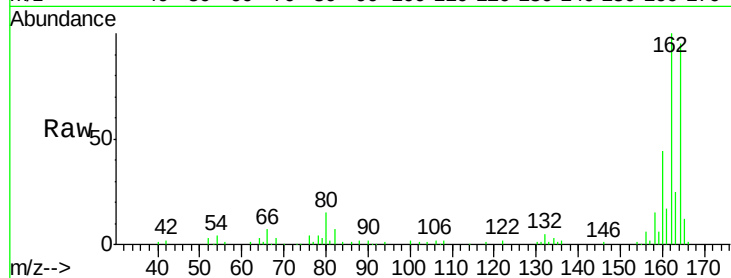




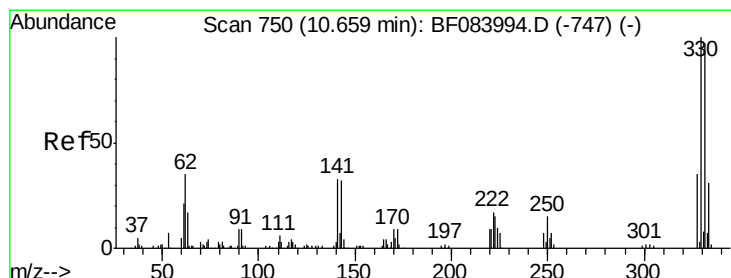
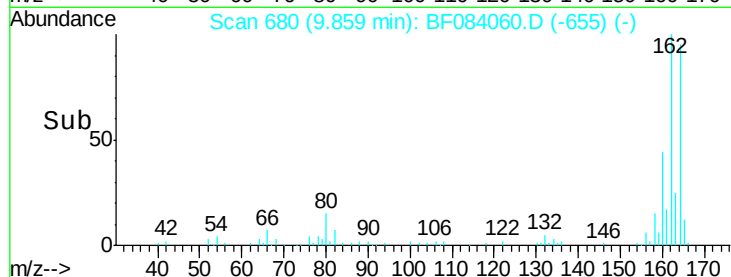
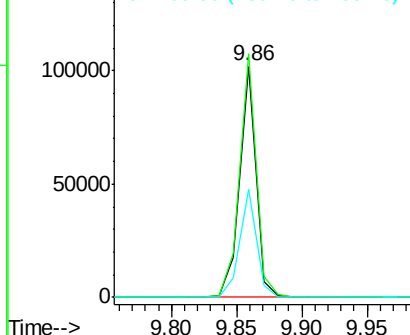
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.01 min
 Lab File: BF084060.D
 Acq: 24 Dec 2015 3:48

Instrument :
 BNA_G
 ClientSampled :
 WC-2

Tgt Ion:164 Resp: 88742
 Ion Ratio Lower Upper
 164 100
 162 105.4 85.1 127.7
 160 46.6 37.5 56.3

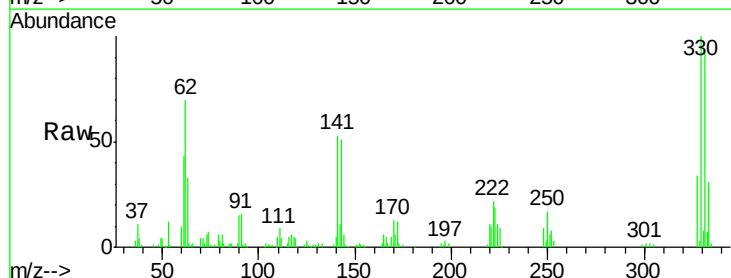


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

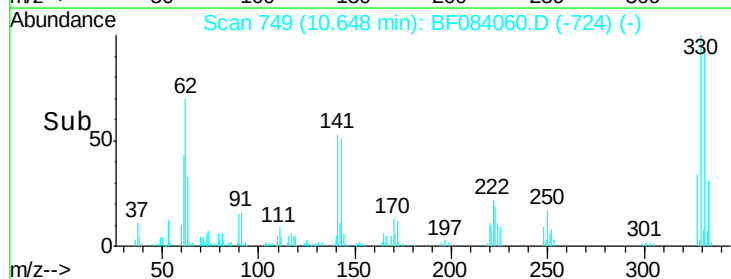
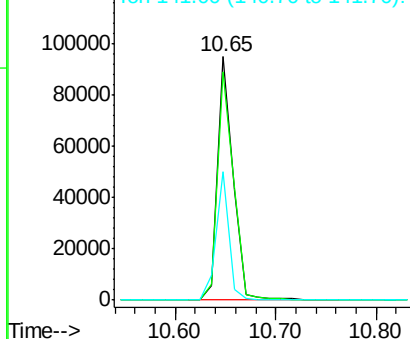


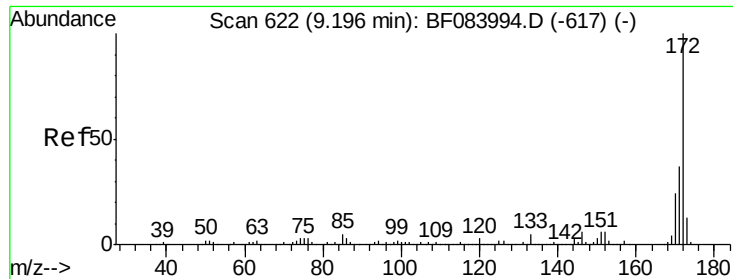
#41
 2,4,6-Tribromophenol
 Concen: 119.91 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF084060.D
 Acq: 24 Dec 2015 3:48

Tgt Ion:330 Resp: 102350
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 114.8
 141 43.5 27.8 41.6#



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

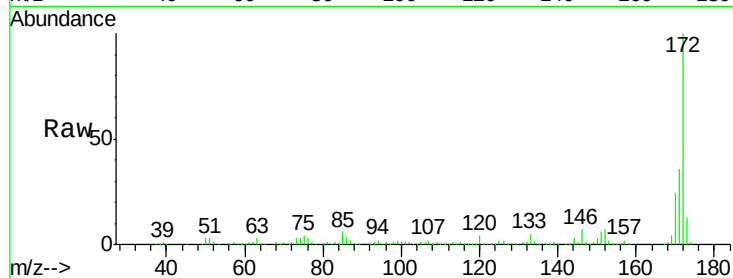




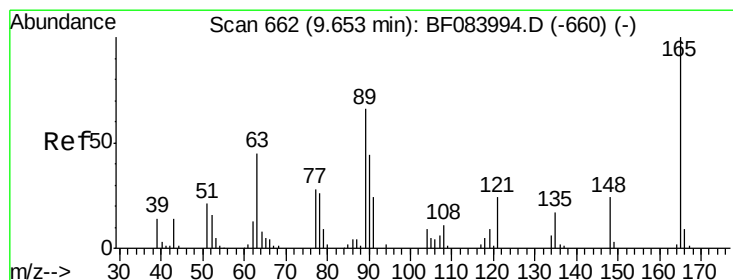
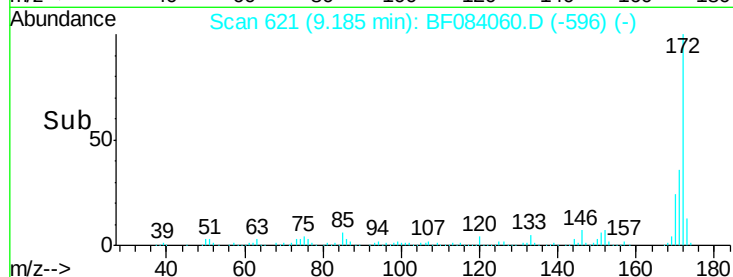
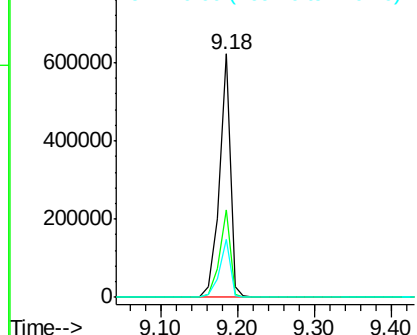
#44
 2-Fluorobiphenyl
 Concen: 92.21 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF084060.D
 Acq: 24 Dec 2015 3:48

Instrument :
 BNA_G
 ClientSampleId :
 WC-2

Tgt Ion:172 Resp: 608031
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.9 43.3
 170 24.1 18.6 27.8

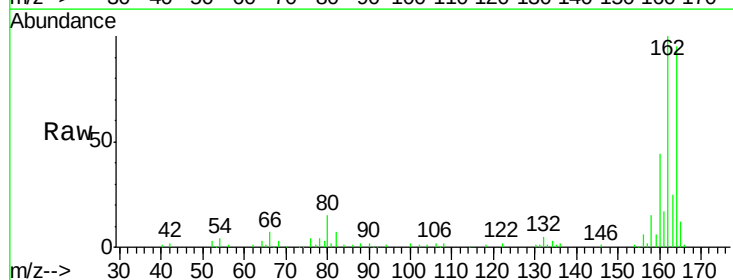


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

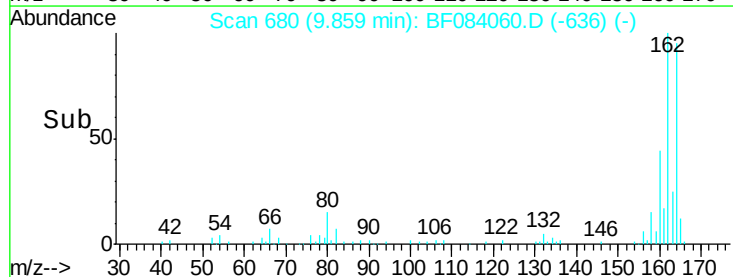
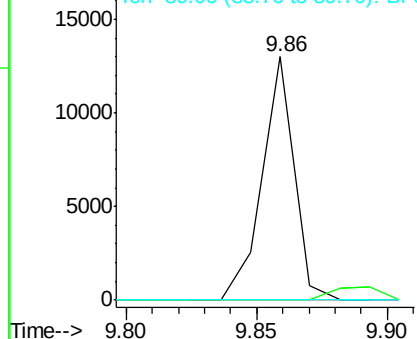


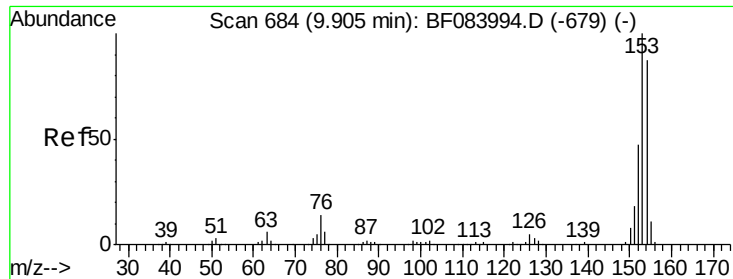
#50
 2,6-Dinitrotoluene
 Concen: 7.64 ng
 RT: 9.86 min Scan# 680
 Delta R.T. 0.21 min
 Lab File: BF084060.D
 Acq: 24 Dec 2015 3:48

Tgt Ion:165 Resp: 11199
 Ion Ratio Lower Upper
 165 100
 63 0.0 28.8 43.2#
 89 0.0 35.1 52.7#



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





#51

Acenaphthene

Concen: 2.81 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF084060.D

Acq: 24 Dec 2015 3:48

Instrument :

BNA_G

ClientSampleId :

WC-2

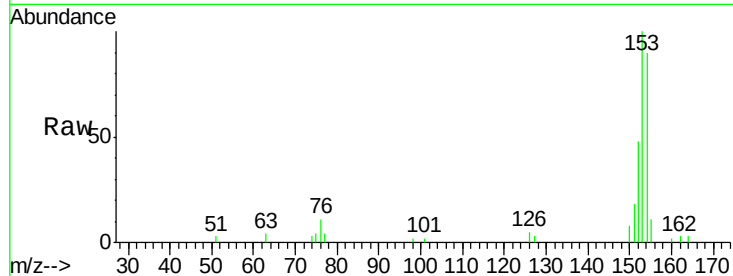
Tgt Ion:154 Resp: 14951

Ion Ratio Lower Upper

154 100

153 110.9 91.5 137.3

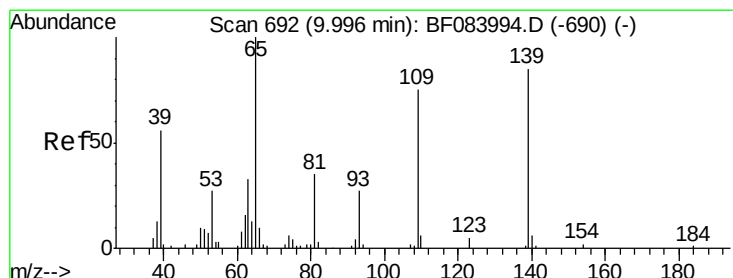
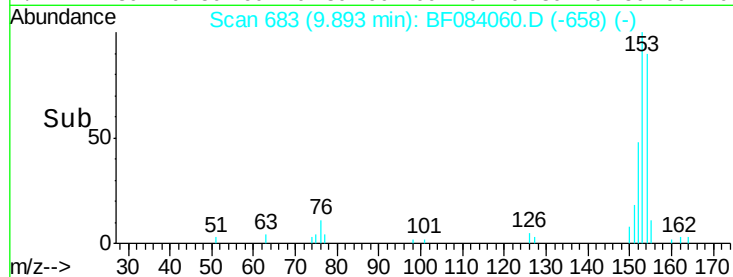
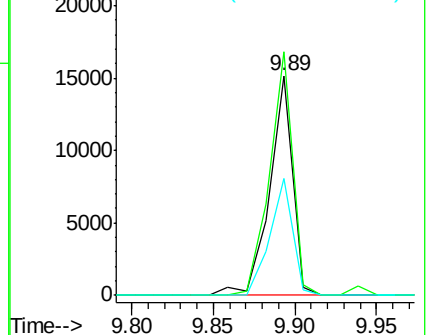
152 53.3 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#55

4-Nitrophenol

Concen: 5.08 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.07 min

Lab File: BF084060.D

Acq: 24 Dec 2015 3:48

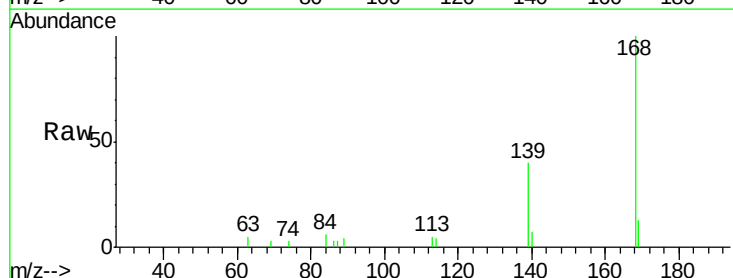
Tgt Ion:139 Resp: 4647

Ion Ratio Lower Upper

139 100

109 0.0 58.5 98.5#

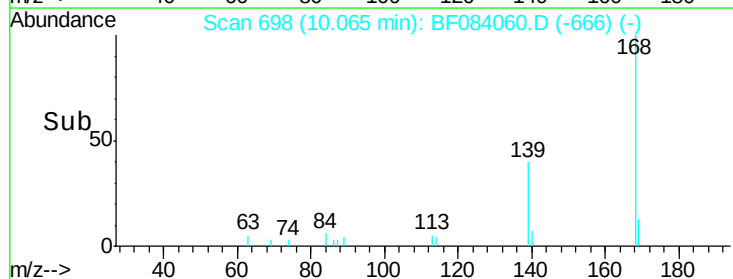
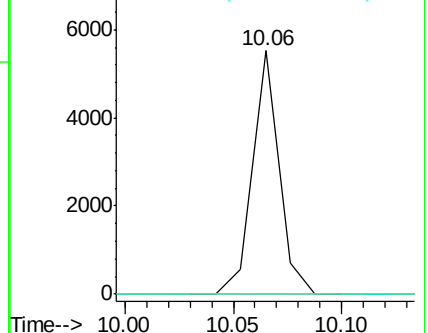
65 0.0 57.6 97.6#

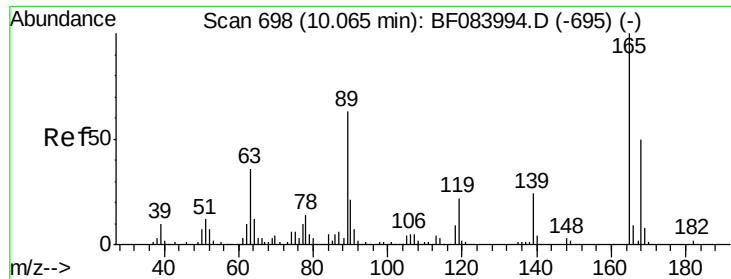


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

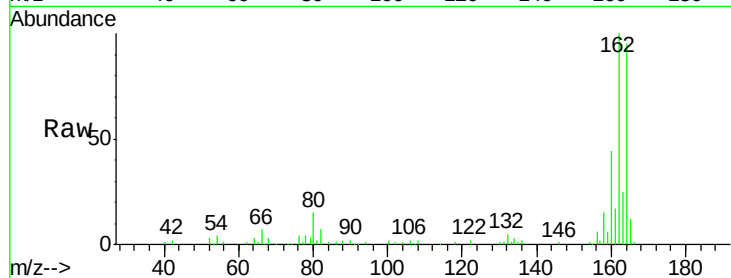




#56
 2,4-Dinitrotoluene
 Concen: 6.08 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.21 min
 Lab File: BF084060.D
 Acq: 24 Dec 2015 3:48

Instrument :
 BNA_G
 ClientSampleId :
 WC-2

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.7	55.1#
89	0.0	61.9	92.9#
182	0.0	2.0	3.0#

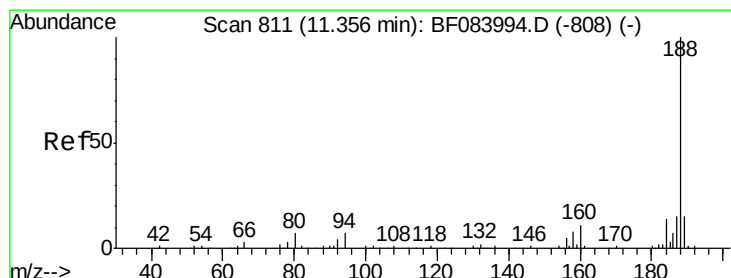
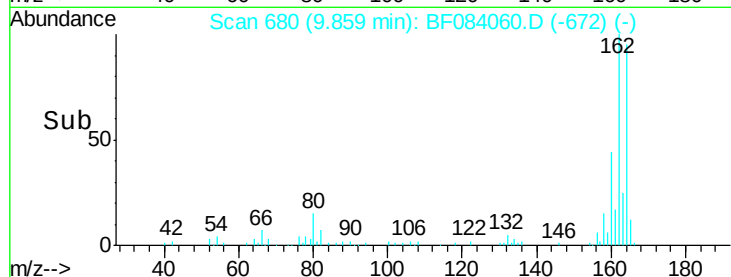
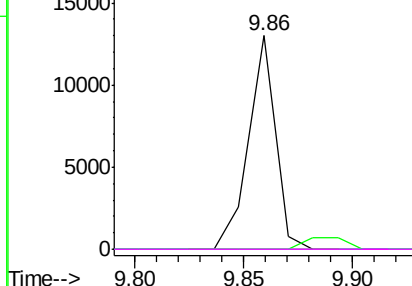


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

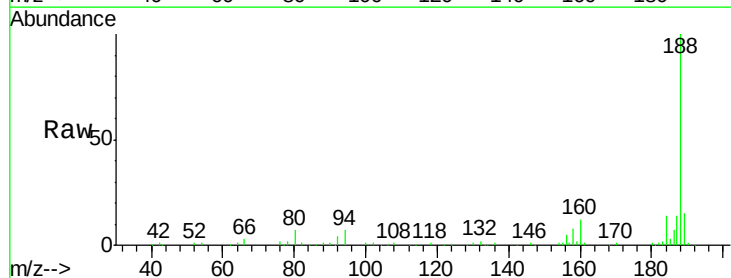
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF084060.D
 Acq: 24 Dec 2015 3:48

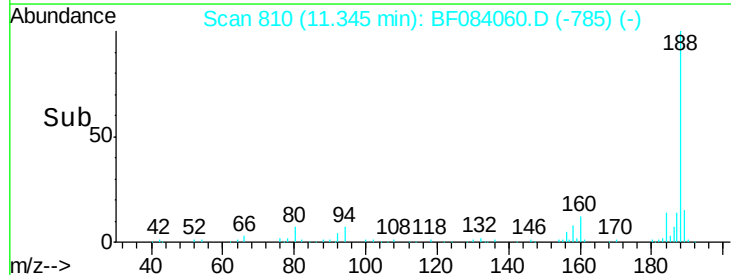
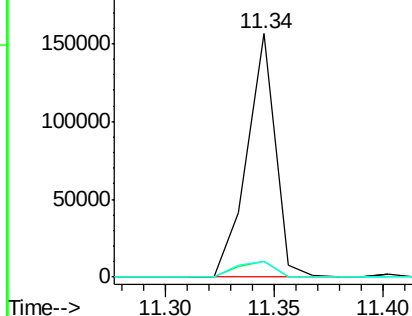
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.6	9.0	13.4#
80	6.7	9.6	14.4#

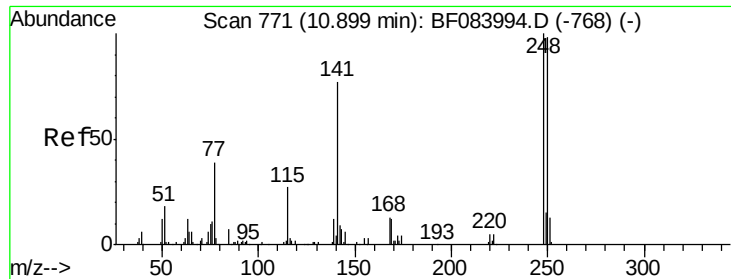


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

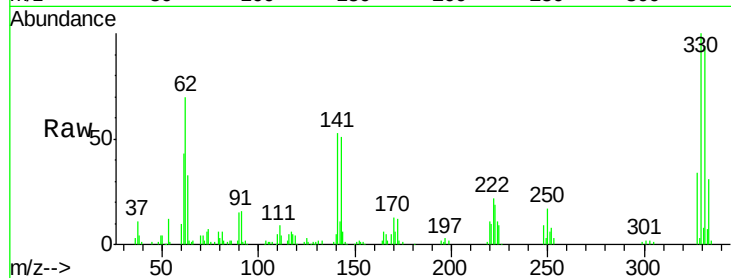




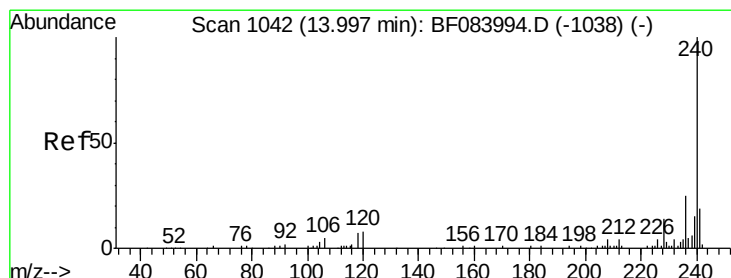
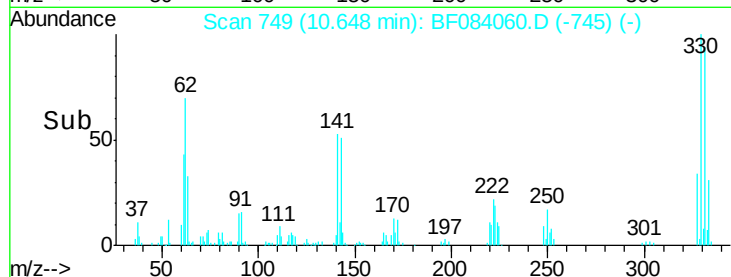
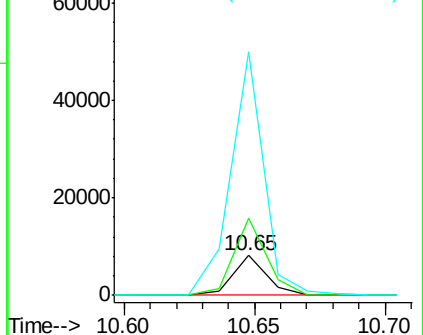
#66
4-Bromophenyl-phenylether
Concen: 4.49 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.25 min
Lab File: BF084060.D
Acq: 24 Dec 2015 3:48

Instrument :
BNA_G
ClientSampleId :
WC-2

Tgt Ion: 248 Resp: 7289
Ion Ratio Lower Upper
248 100
250 195.1 78.4 117.6#
141 614.4 44.0 66.0#

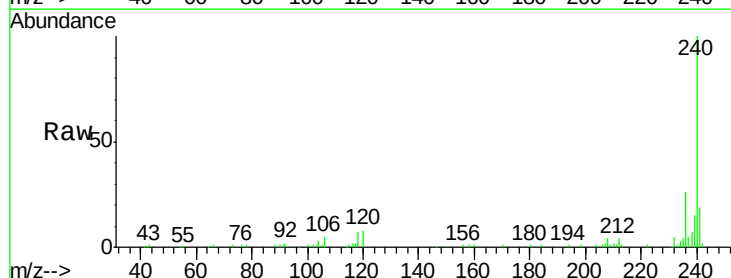


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

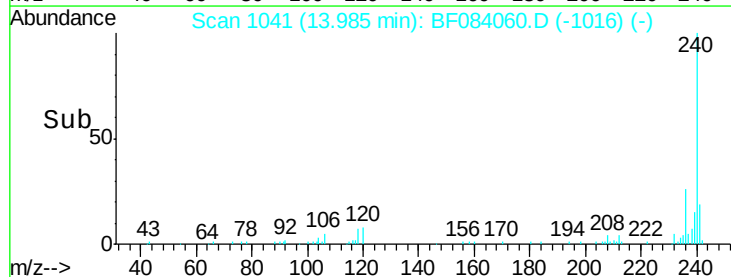
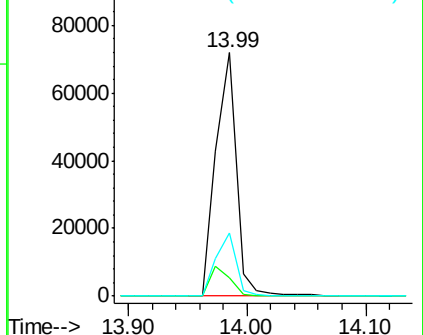


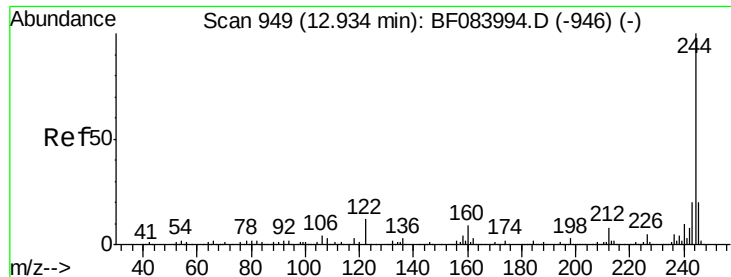
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084060.D
Acq: 24 Dec 2015 3:48

Tgt Ion: 240 Resp: 86000
Ion Ratio Lower Upper
240 100
120 7.7 9.5 14.3#
236 25.7 20.6 31.0



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

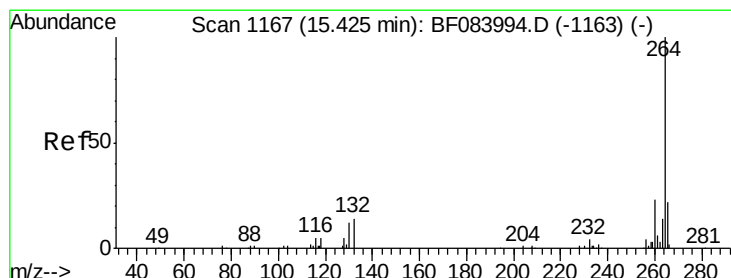
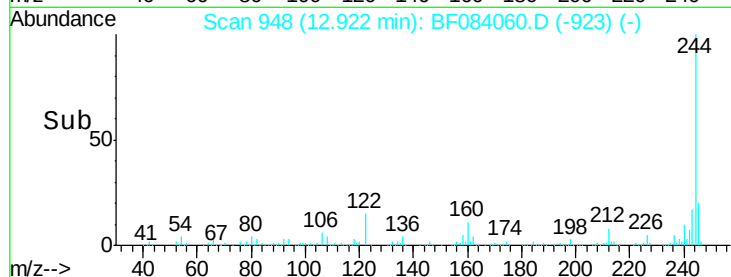
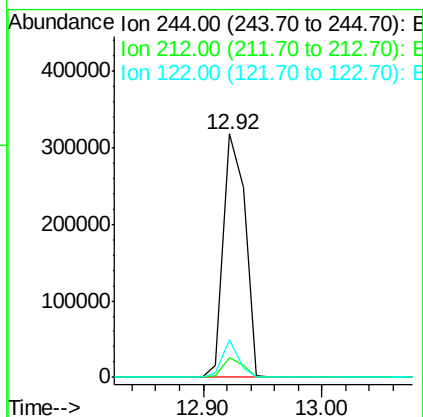
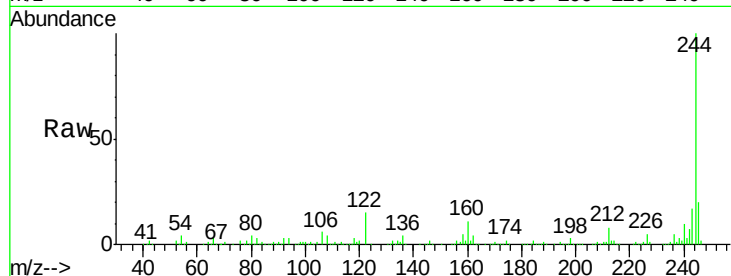




#78
 Terphenyl-d14
 Concen: 111.64 ng
 RT: 12.92 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: BF084060.D
 Acq: 24 Dec 2015 3:48

Instrument :
 BNA_G
 ClientSampleId :
 WC-2

Tgt Ion:244 Resp: 402588
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.7 8.5
 122 15.3 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF084060.D
 Acq: 24 Dec 2015 3:48

Tgt Ion:264 Resp: 69153
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 20.9 17.8 26.6

