

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122315\
 Data File : BF084057.D
 Acq On : 24 Dec 2015 2:23
 Operator : UM/SJ
 Sample : G4936-01
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-1

Quant Time: Dec 24 04:34:58 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

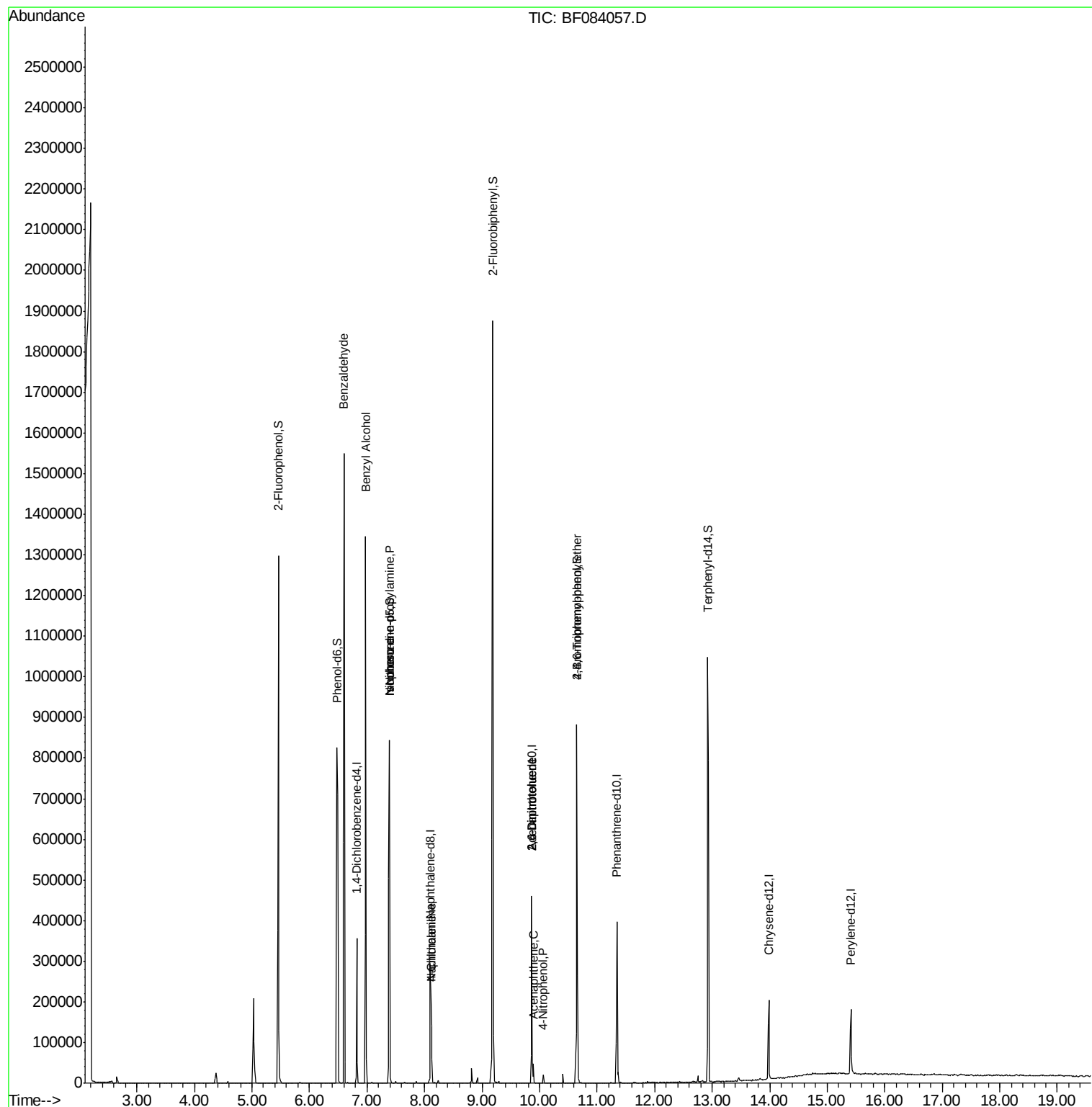
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	50345	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	184338	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	89269	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	141581	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	89071	20.00	ng	-0.01
86) Perylene-d12	15.41	264	82538	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	363888	123.24	ng	0.02
7) Phenol-d6	6.48	99	426286	122.79	ng	0.00
23) Nitrobenzene-d5	7.39	82	333719	111.21	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	112749	131.31	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	609215	91.85	ng	-0.01
78) Terphenyl-d14	12.92	244	436363	116.83	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.60	77	10613	4.58	ng	92
15) Benzyl Alcohol	6.98	79	6026	2.20	ng	# 46
19) n-Nitroso-di-n-propylamine	7.39	70	46130	21.93	ng	# 75
25) Isophorone	7.39	82	324475	57.07	ng	# 66
31) Naphthalene	8.12	128	75891	8.06	ng	98
33) 4-Chloroaniline	8.12	127	10042	2.61	ng	# 34
50) 2,6-Dinitrotoluene	9.86	165	11434	7.76	ng	# 37
51) Acenaphthene	9.89	154	11671	2.18	ng	97
55) 4-Nitrophenol	10.06	139	3801	4.13	ng	# 10
56) 2,4-Dinitrotoluene	9.86	165	11435	6.17	ng	# 21
66) 4-Bromophenyl-phenylether	10.65	248	7383	4.55	ng	# 1

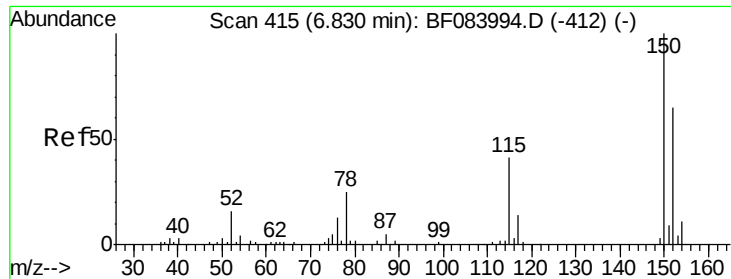
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122315\
Data File : BF084057.D
Acq On : 24 Dec 2015 2:23
Operator : UM/SJ
Sample : G4936-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-1

Quant Time: Dec 24 04:34:58 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF084057.D

Acq: 24 Dec 2015 2:23

Instrument :

BNA_G

ClientSampleId :

WC-1

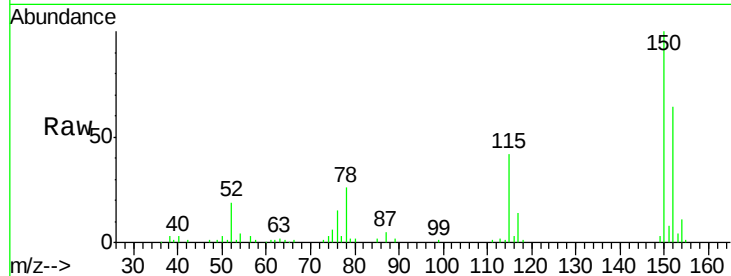
Tgt Ion:152 Resp: 50345

Ion Ratio Lower Upper

152 100

150 157.3 123.0 184.4

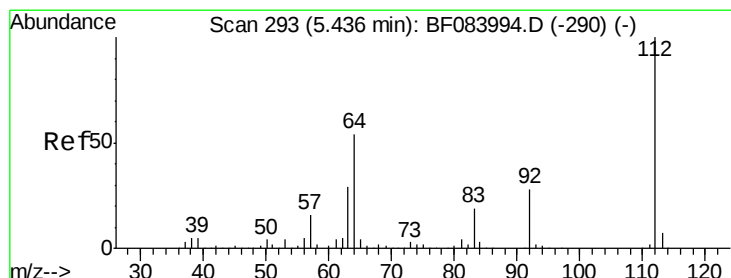
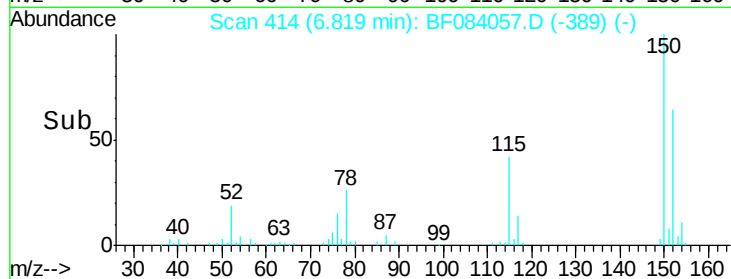
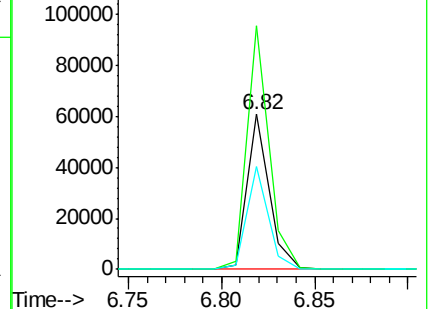
115 66.6 51.4 77.2



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: 123.24 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.02 min

Lab File: BF084057.D

Acq: 24 Dec 2015 2:23

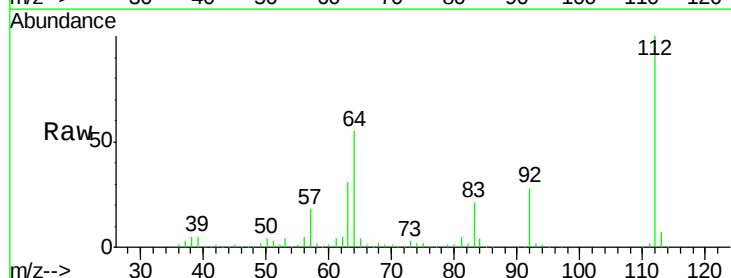
Tgt Ion:112 Resp: 363888

Ion Ratio Lower Upper

112 100

64 54.8 36.6 55.0

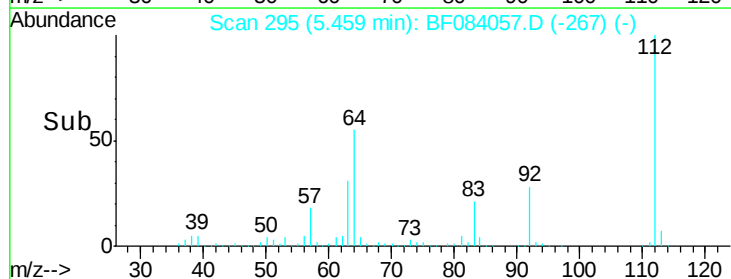
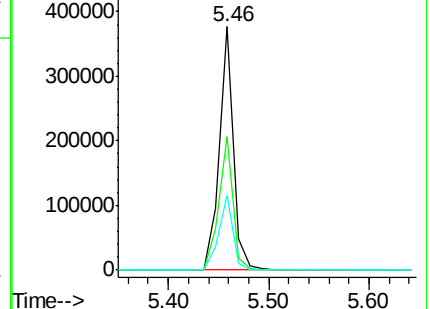
63 30.6 19.4 29.0#

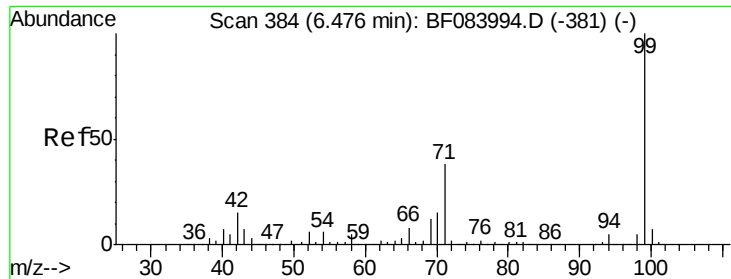


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.79 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF084057.D

Acq: 24 Dec 2015 2:23

Instrument :

BNA_G

ClientSampleId :

WC-1

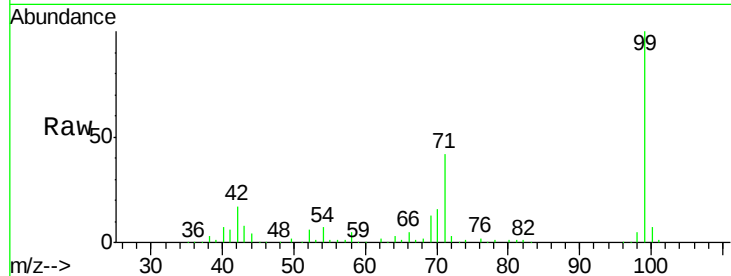
Tgt Ion: 99 Resp: 426286

Ion Ratio Lower Upper

99 100

42 17.5 12.8 19.2

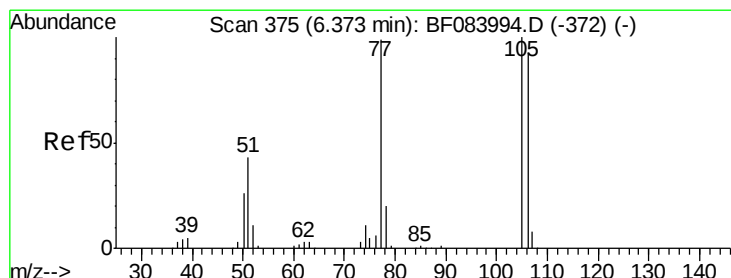
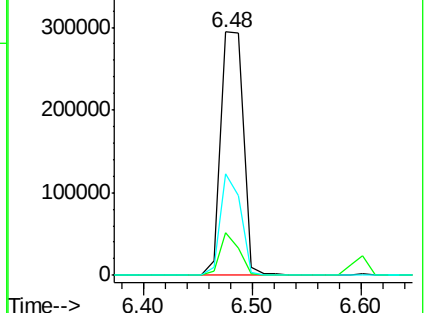
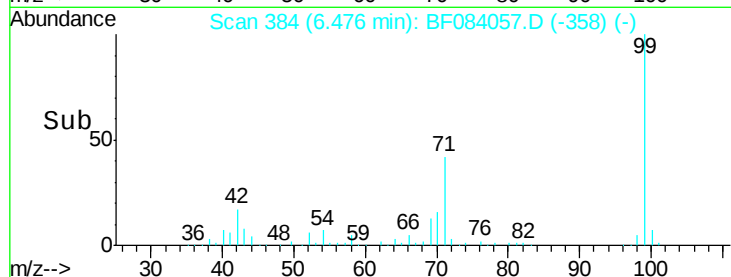
71 41.6 30.9 46.3



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: 4.58 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.23 min

Lab File: BF084057.D

Acq: 24 Dec 2015 2:23

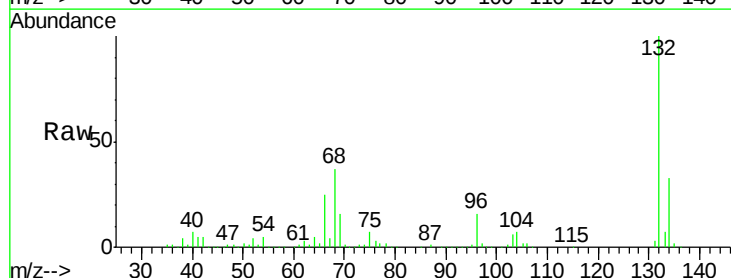
Tgt Ion: 77 Resp: 10613

Ion Ratio Lower Upper

77 100

105 93.0 83.0 123.0

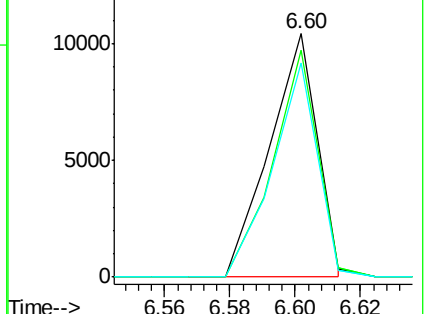
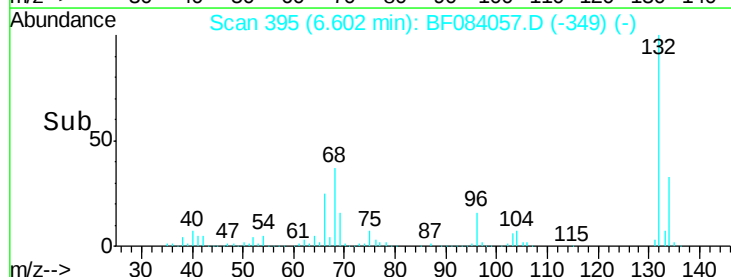
106 87.9 74.6 114.6

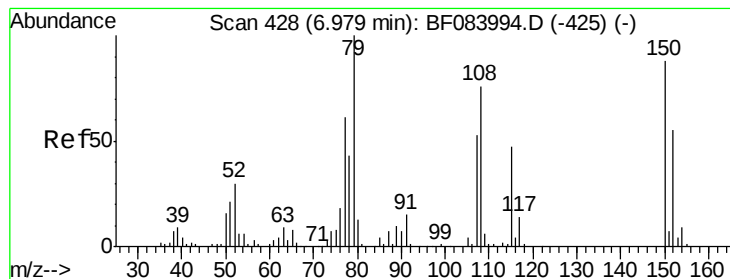


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.20 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF084057.D

Acq: 24 Dec 2015 2:23

Instrument :

BNA_G

ClientSampleId :

WC-1

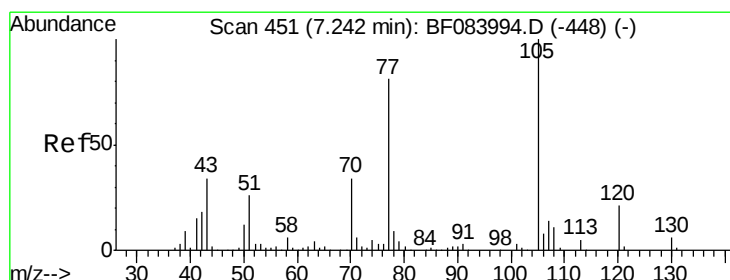
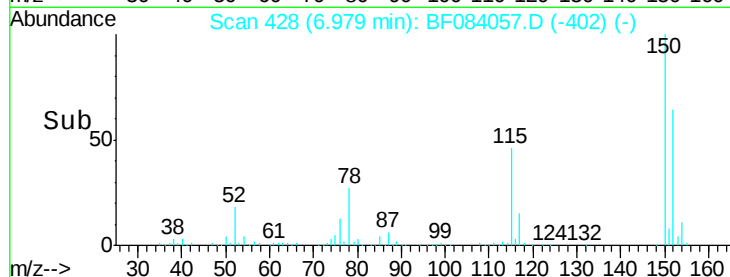
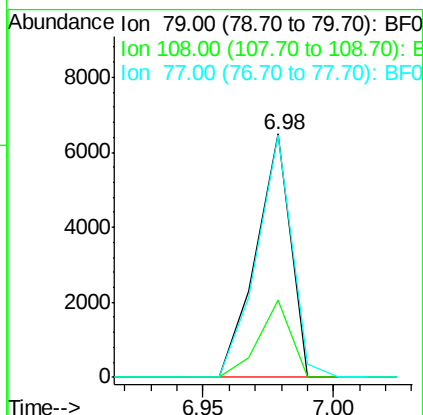
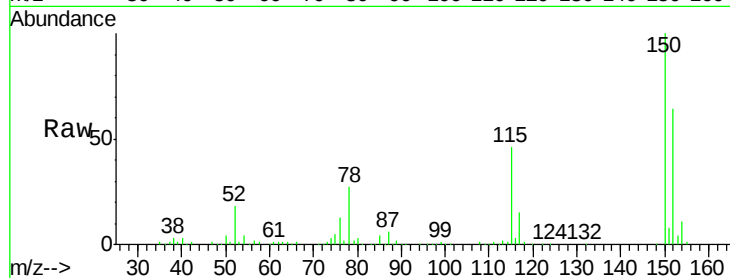
Tgt Ion: 79 Resp: 6026

Ion Ratio Lower Upper

79 100

108 31.8 69.0 103.4#

77 99.4 50.0 75.0#



#19

n-Nitroso-di-n-propylamine

Concen: 21.93 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.15 min

Lab File: BF084057.D

Acq: 24 Dec 2015 2:23

Tgt Ion: 70 Resp: 46130

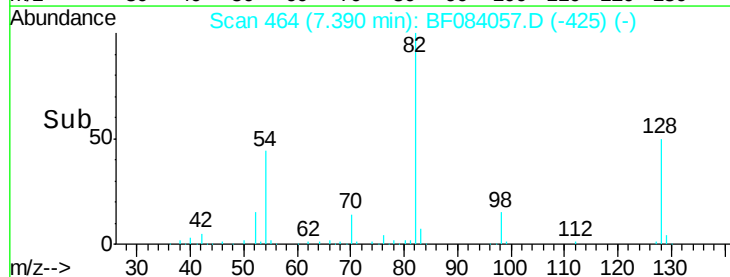
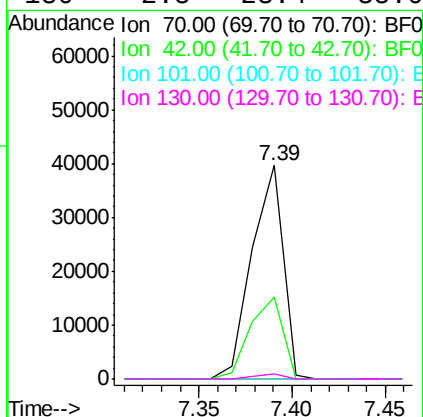
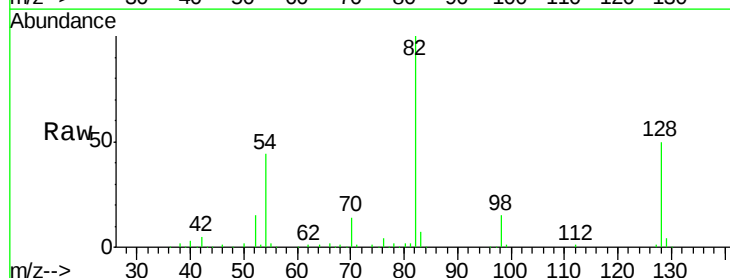
Ion Ratio Lower Upper

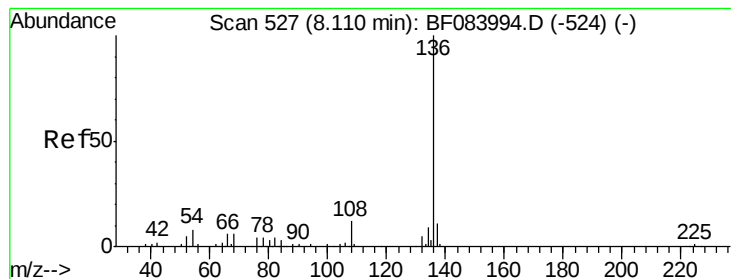
70 100

42 38.2 33.3 49.9

101 0.0 9.3 13.9#

130 2.5 23.4 35.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF084057.D

Acq: 24 Dec 2015 2:23

Instrument :

BNA_G

ClientSampleId :

WC-1

Tgt Ion:136 Resp: 184338

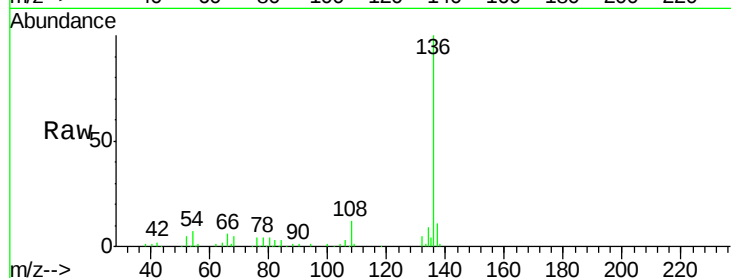
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 7.4 5.8 8.8

68 5.0 4.2 6.2

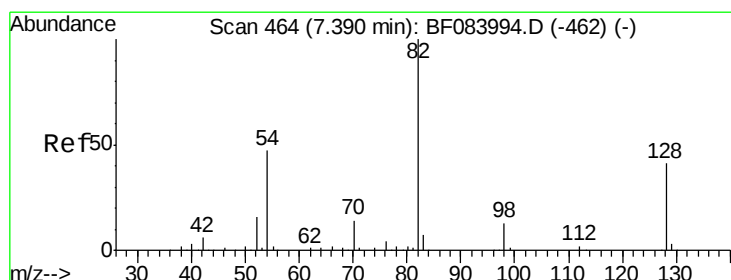
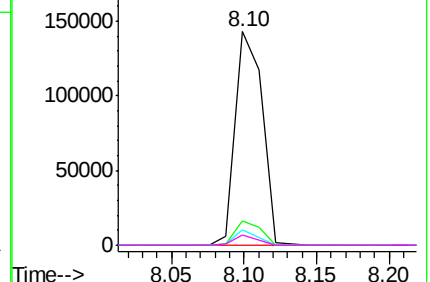
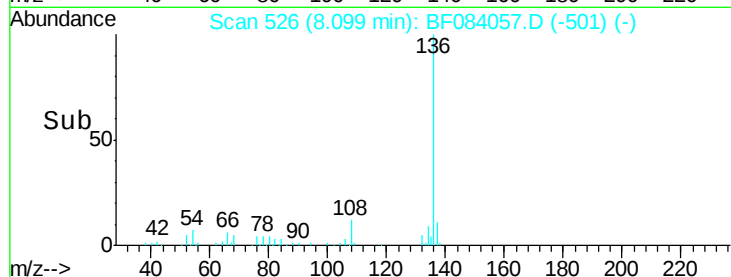


Abundance Ion 136.00 (135.70 to 136.70): E

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: 111.21 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF084057.D

Acq: 24 Dec 2015 2:23

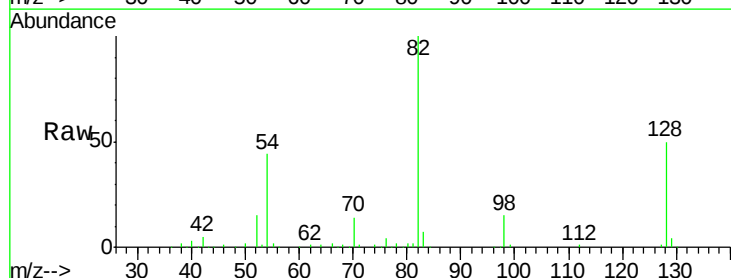
Tgt Ion: 82 Resp: 333719

Ion Ratio Lower Upper

82 100

128 50.4 34.6 51.8

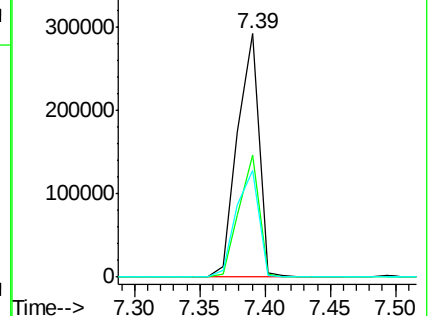
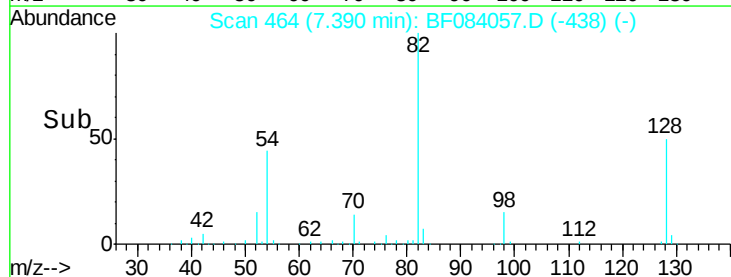
54 43.8 38.4 57.6

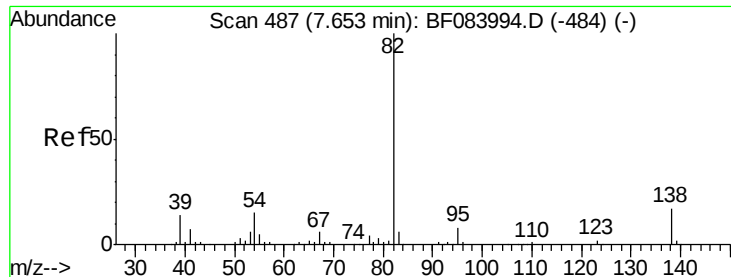


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 57.07 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.26 min

Lab File: BF084057.D

Acq: 24 Dec 2015 2:23

Instrument :

BNA_G

ClientSampleId :

WC-1

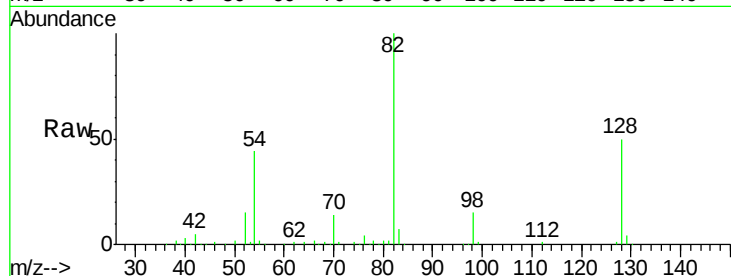
Tgt Ion: 82 Resp: 324475

Ion Ratio Lower Upper

82 100

95 0.0 6.6 10.0#

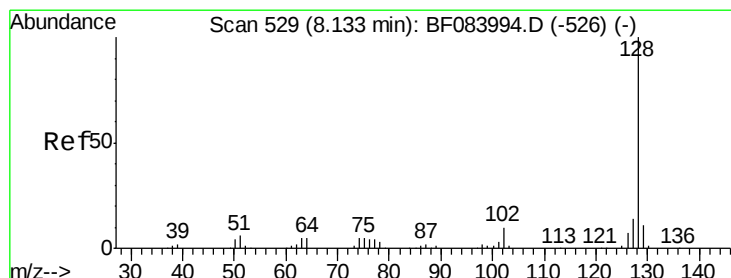
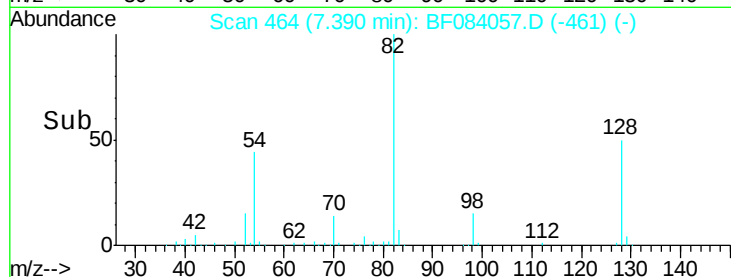
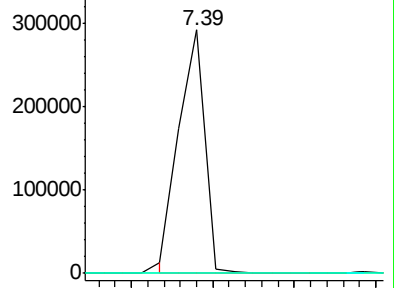
138 0.0 13.6 20.4#



Abundance Ion 82.00 (81.70 to 82.70): BF083994.D (-484) (-)

Ion 95.00 (94.70 to 95.70): BF083994.D (-484) (-)

Ion 138.00 (137.70 to 138.70): BF083994.D (-484) (-)



#31

Naphthalene

Concen: 8.06 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF084057.D

Acq: 24 Dec 2015 2:23

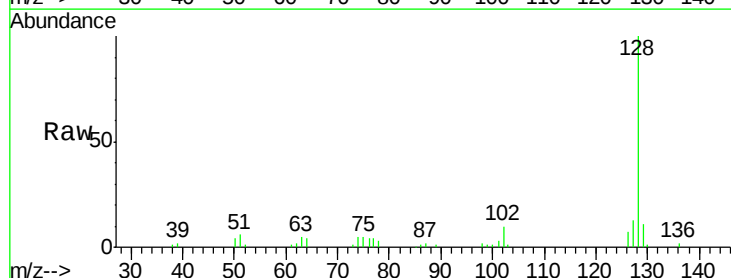
Tgt Ion: 128 Resp: 75891

Ion Ratio Lower Upper

128 100

129 10.8 9.1 13.7

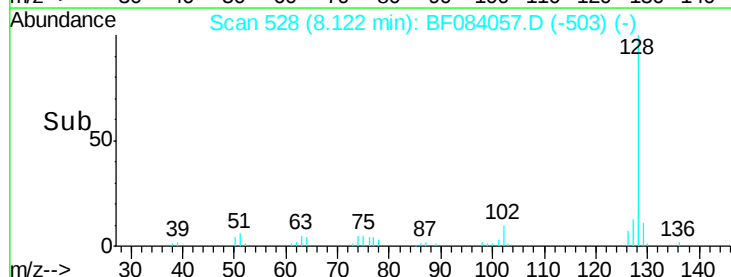
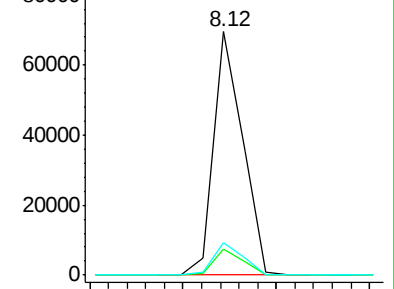
127 13.2 11.1 16.7

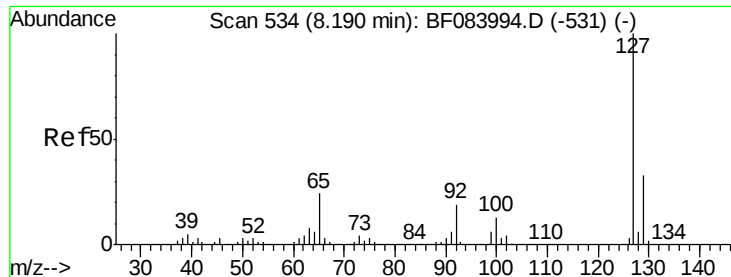


Abundance Ion 128.00 (127.70 to 128.70): BF083994.D (-526) (-)

Ion 129.00 (128.70 to 129.70): BF083994.D (-526) (-)

Ion 127.00 (126.70 to 127.70): BF083994.D (-526) (-)

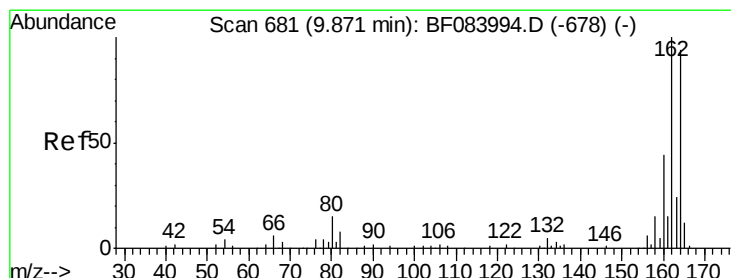
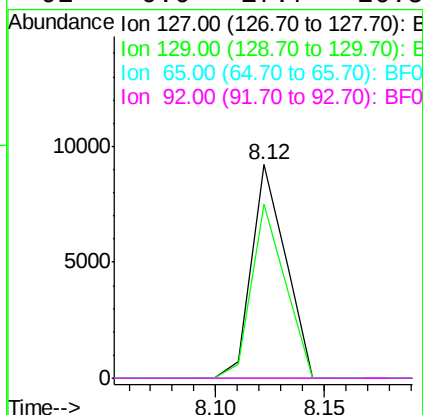
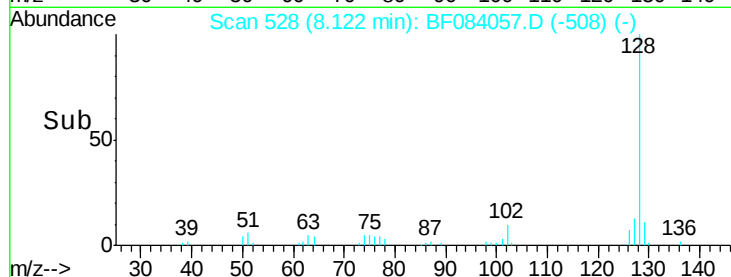
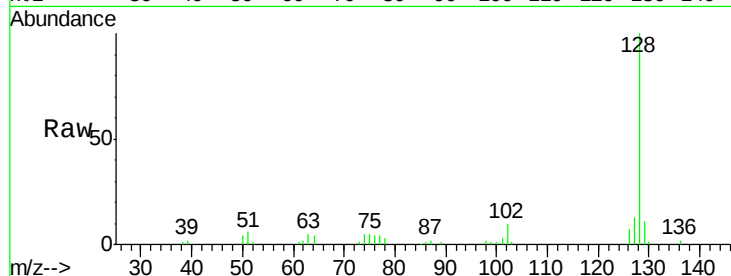




#33
4-Chloroaniline
Concen: 2.61 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.07 min
Lab File: BF084057.D
Acq: 24 Dec 2015 2:23

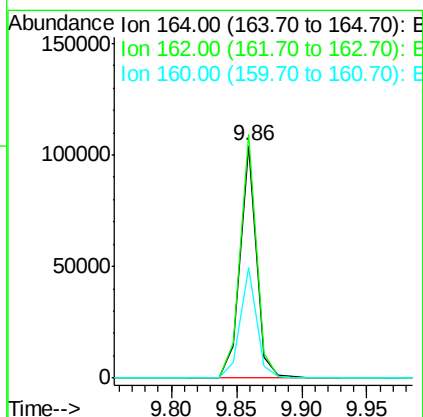
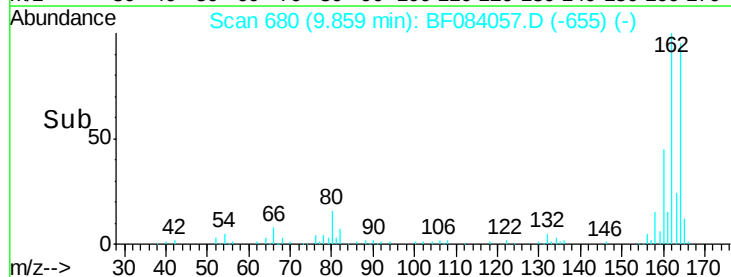
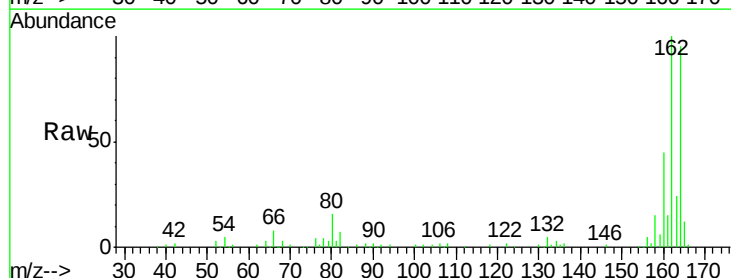
Instrument :
BNA_G
ClientSampled :
WC-1

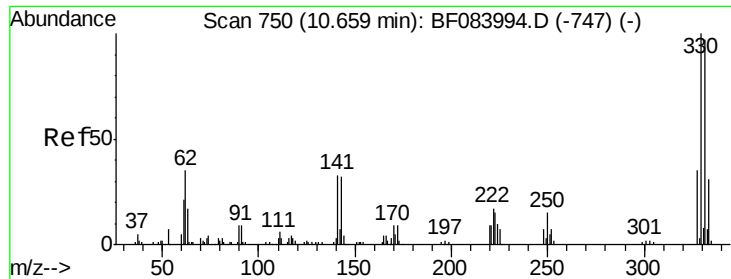
Tgt Ion:127 Resp: 10042
Ion Ratio Lower Upper
127 100
129 81.7 26.5 39.7#
65 0.0 27.2 40.8#
92 0.0 17.7 26.5#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF084057.D
Acq: 24 Dec 2015 2:23

Tgt Ion:164 Resp: 89269
Ion Ratio Lower Upper
164 100
162 104.8 85.1 127.7
160 47.3 37.5 56.3

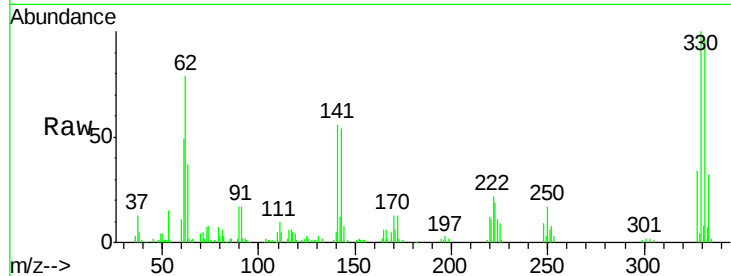




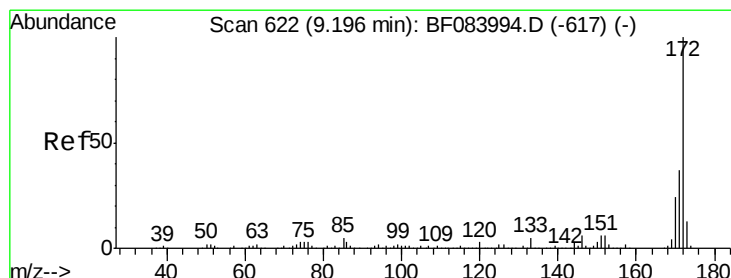
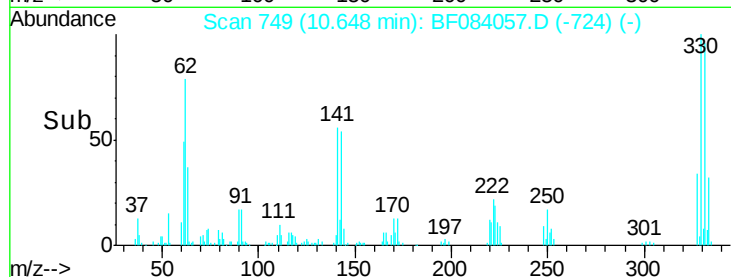
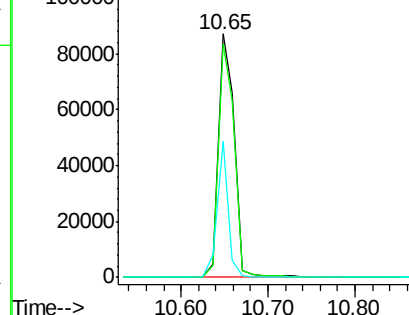
#41
 2,4,6-Tribromophenol
 Concen: 131.31 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF084057.D
 Acq: 24 Dec 2015 2:23

Instrument :
 BNA_G
 ClientSampled :
 WC-1

Tgt Ion:330 Resp: 112749
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 114.8
 141 39.0 27.8 41.6

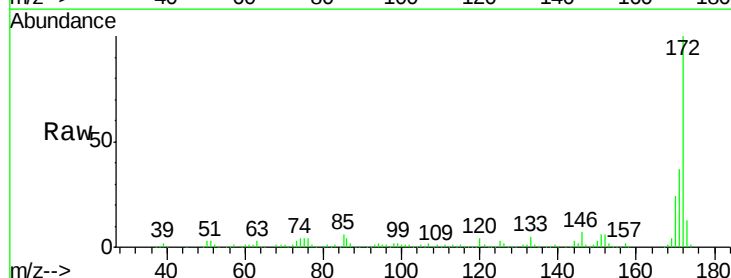


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

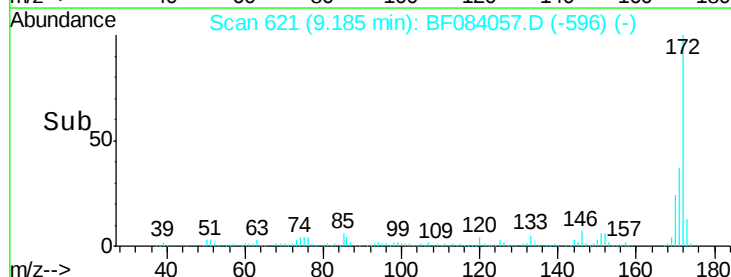
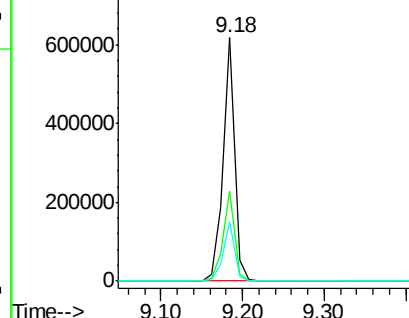


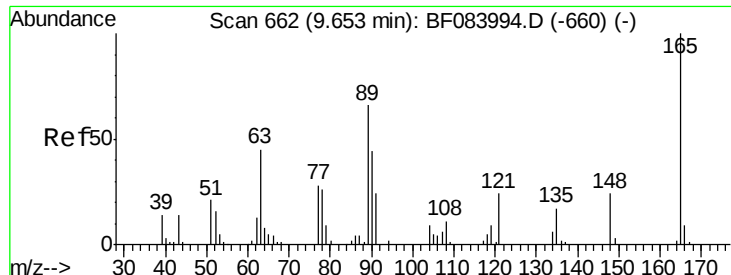
#44
 2-Fluorobiphenyl
 Concen: 91.85 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF084057.D
 Acq: 24 Dec 2015 2:23

Tgt Ion:172 Resp: 609215
 Ion Ratio Lower Upper
 172 100
 171 37.1 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

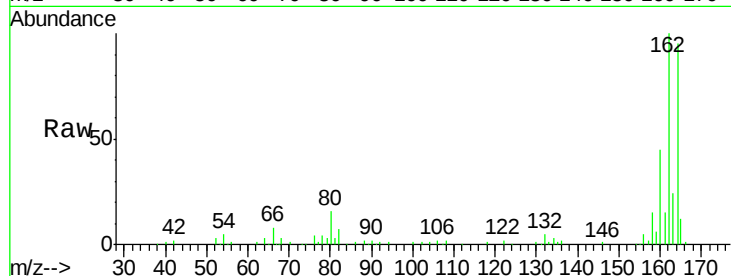




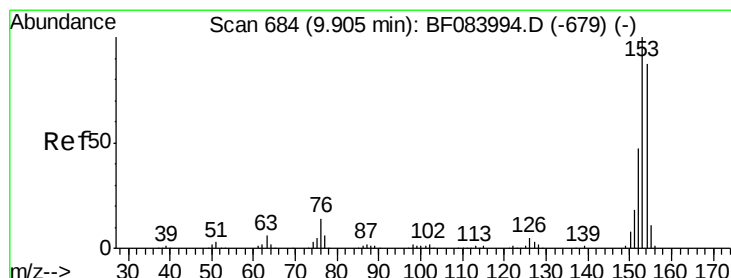
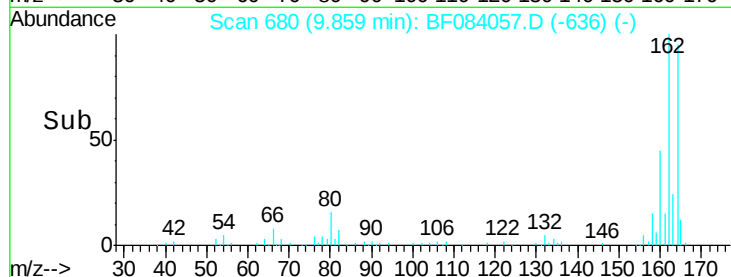
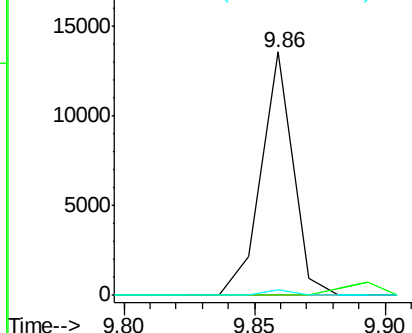
#50
 2,6-Dinitrotoluene
 Concen: 7.76 ng
 RT: 9.86 min Scan# 680
 Delta R.T. 0.21 min
 Lab File: BF084057.D
 Acq: 24 Dec 2015 2:23

Instrument :
 BNA_G
 ClientSampleId :
 WC-1

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.8	43.2#
89	2.2	35.1	52.7#

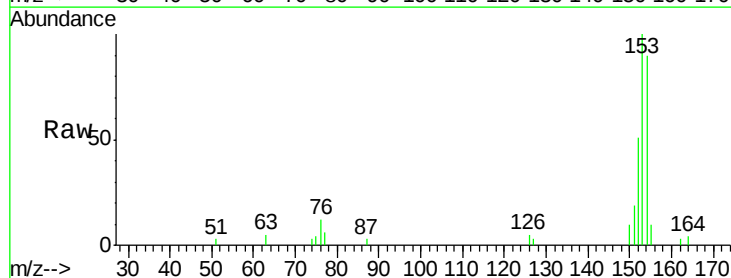


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

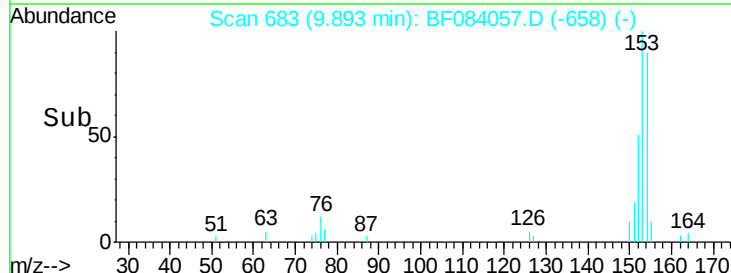
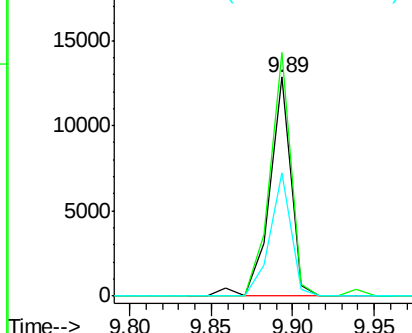


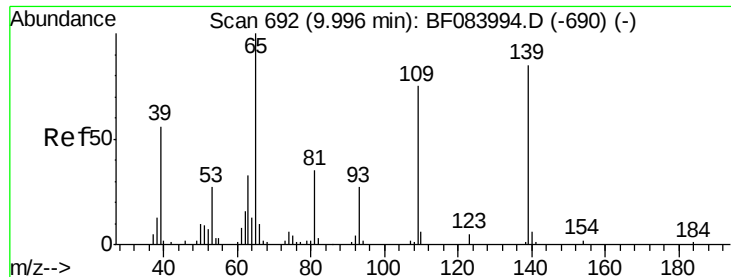
#51
 Acenaphthene
 Concen: 2.18 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: BF084057.D
 Acq: 24 Dec 2015 2:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.1	91.5	137.3
152	56.2	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

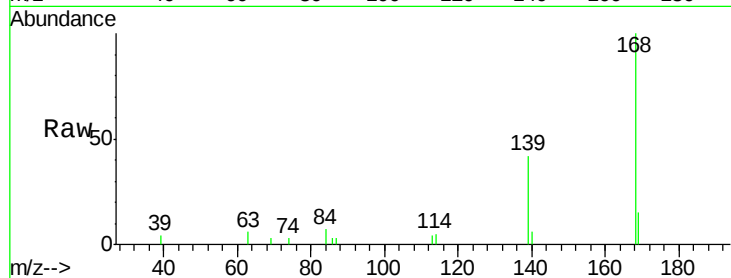




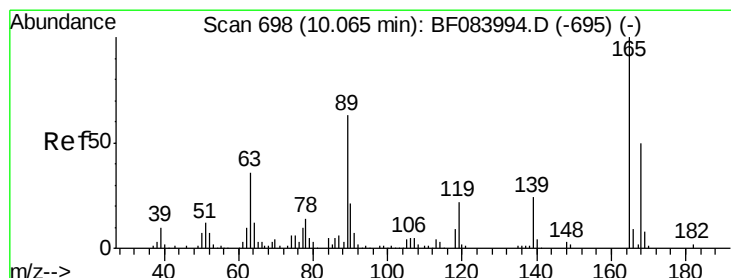
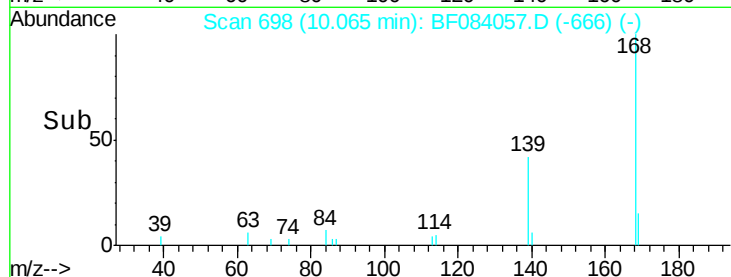
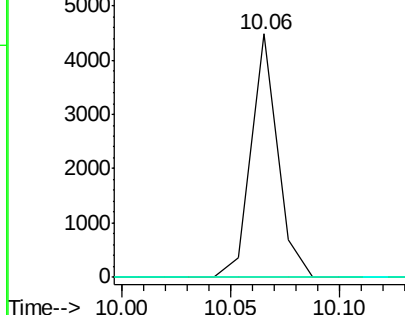
#55
4-Nitrophenol
Concen: 4.13 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.07 min
Lab File: BF084057.D
Acq: 24 Dec 2015 2:23

Instrument :
BNA_G
ClientSampleId :
WC-1

Tgt Ion:139 Resp: 3801
Ion Ratio Lower Upper
139 100
109 0.0 58.5 98.5#
65 0.0 57.6 97.6#

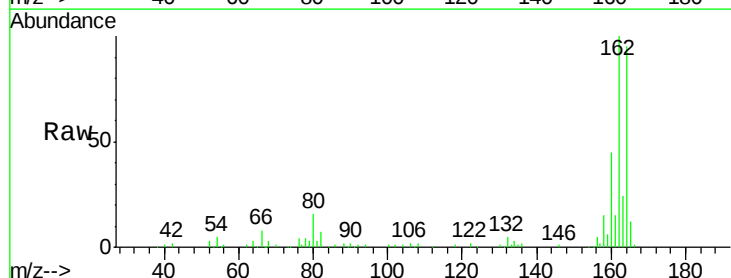


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

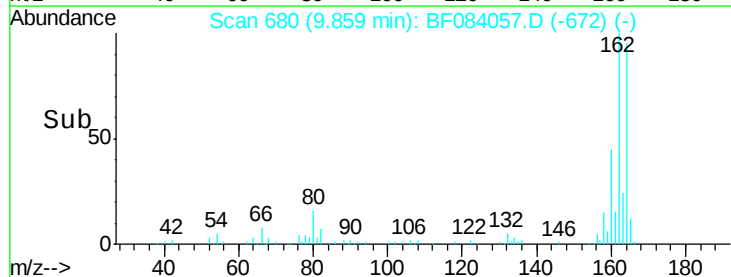
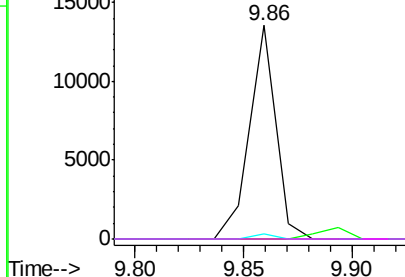


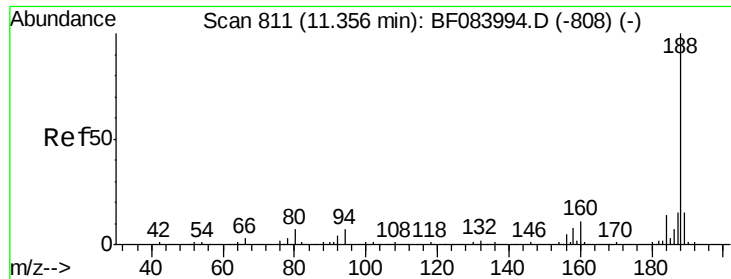
#56
2,4-Dinitrotoluene
Concen: 6.17 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.21 min
Lab File: BF084057.D
Acq: 24 Dec 2015 2:23

Tgt Ion:165 Resp: 11435
Ion Ratio Lower Upper
165 100
63 0.0 36.7 55.1#
89 2.2 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

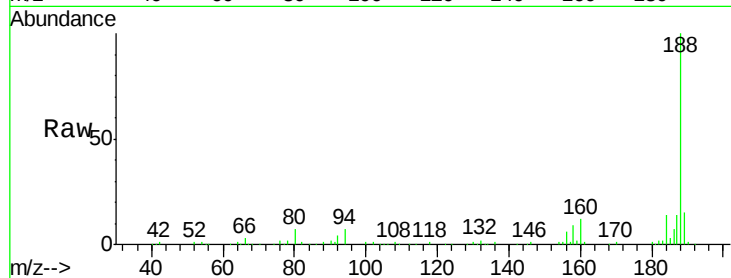




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF084057.D
 Acq: 24 Dec 2015 2:23

Instrument :
 BNA_G
 ClientSampleId :
 WC-1

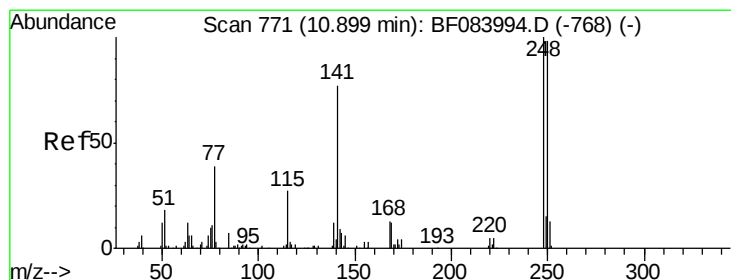
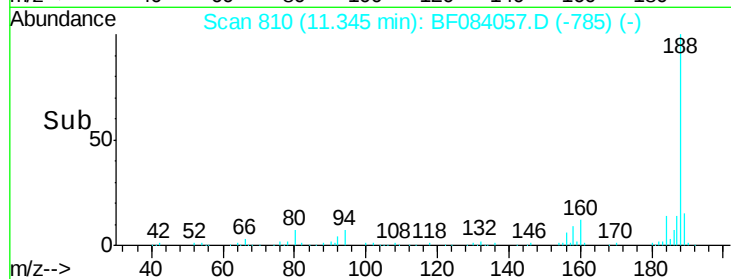
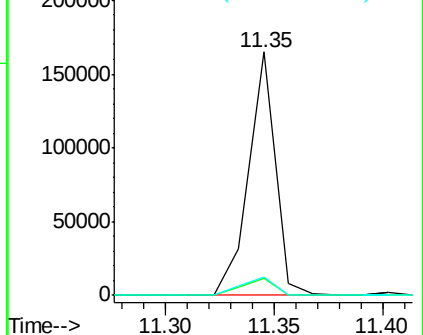
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.9	9.0	13.4#
80	7.4	9.6	14.4#



Abundance Ion 188.00 (187.70 to 188.70): E

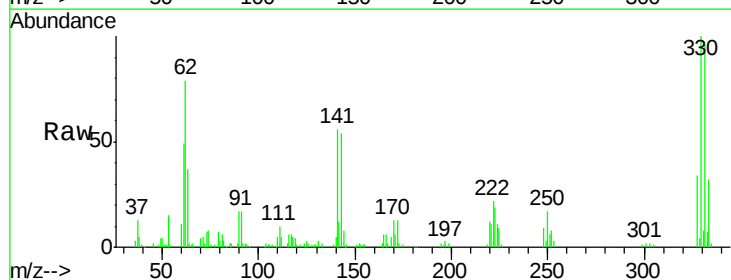
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#66
 4-Bromophenyl-phenylether
 Concen: 4.55 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.25 min
 Lab File: BF084057.D
 Acq: 24 Dec 2015 2:23

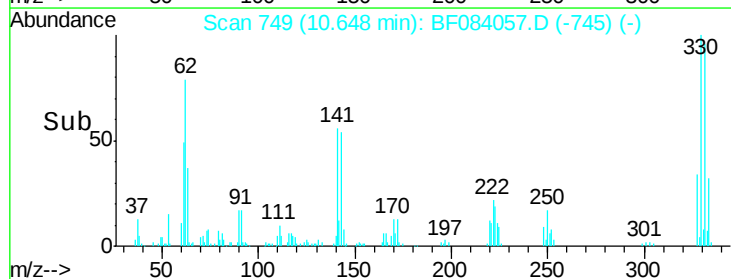
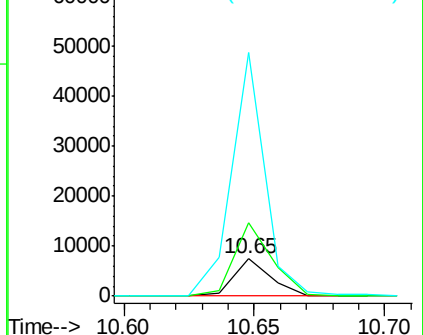
Tgt Ion	Ratio	Lower	Upper
248	100		
250	196.0	78.4	117.6#
141	653.3	44.0	66.0#

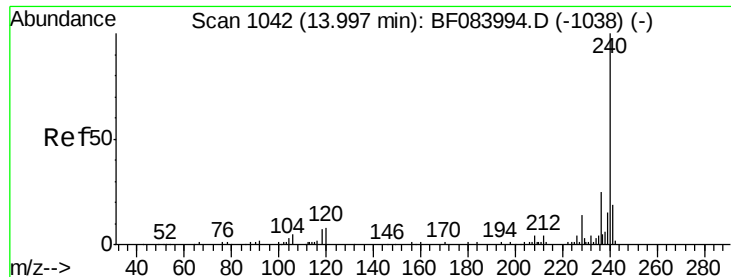


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF084057.D

Acq: 24 Dec 2015 2:23

Instrument :

BNA_G

ClientSampleId :

WC-1

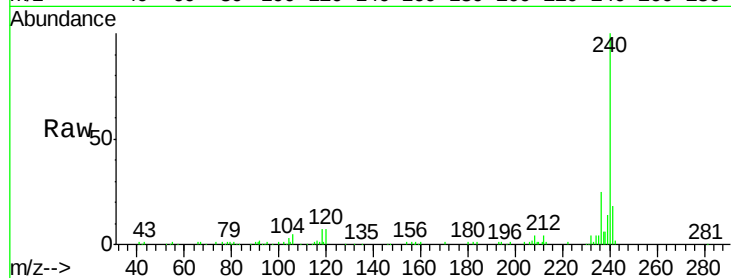
Tgt Ion:240 Resp: 89071

Ion Ratio Lower Upper

240 100

120 7.3 9.5 14.3#

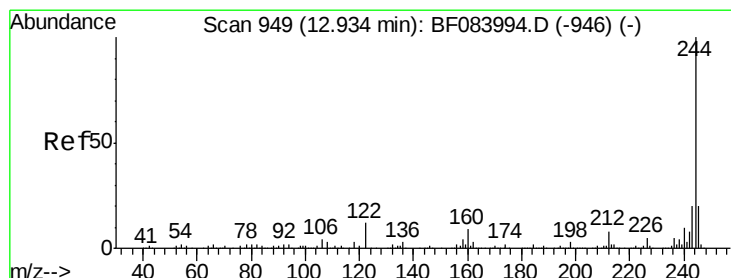
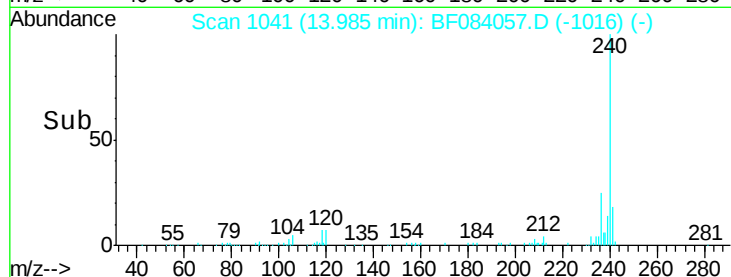
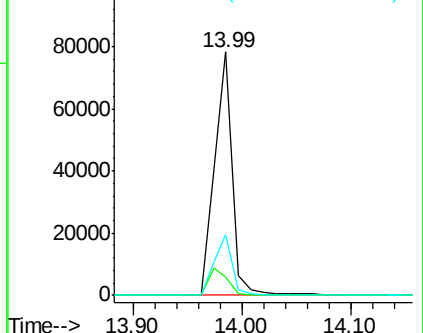
236 25.1 20.6 31.0



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: 116.83 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF084057.D

Acq: 24 Dec 2015 2:23

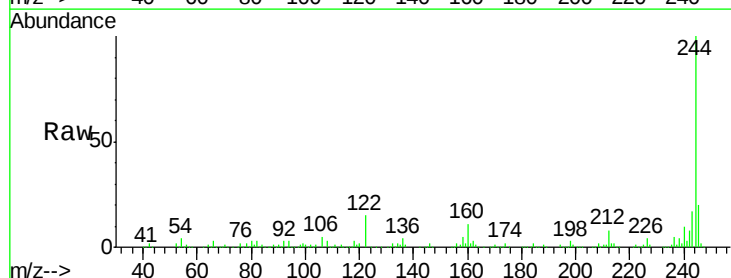
Tgt Ion:244 Resp: 436363

Ion Ratio Lower Upper

244 100

212 8.2 5.7 8.5

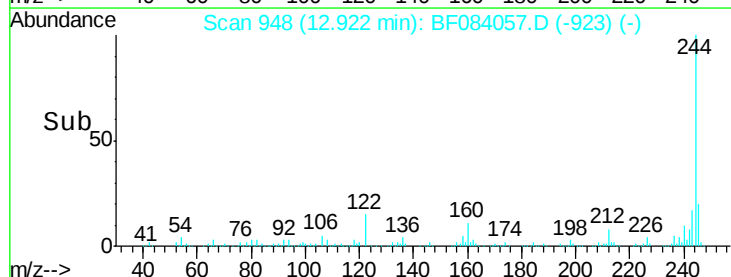
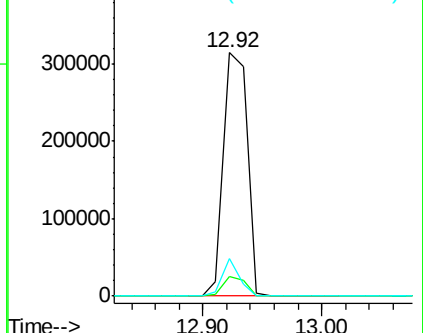
122 15.2 7.4 11.0#

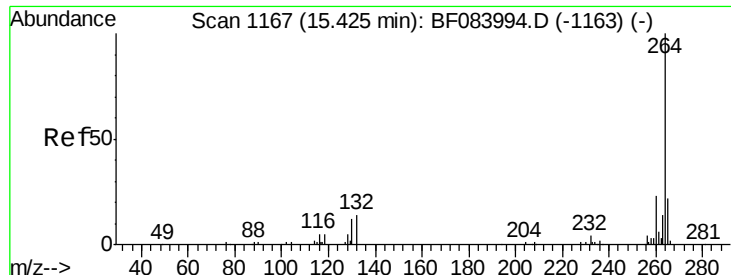


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.41 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF084057.D
Acq: 24 Dec 2015 2:23

Instrument :
BNA_G
ClientSampleId :
WC-1

Tgt Ion: 264 Resp: 82538
Ion Ratio Lower Upper
264 100
260 23.0 19.4 29.2
265 20.9 17.8 26.6

