

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122215\
 Data File : BF084007.D
 Acq On : 23 Dec 2015 00:05
 Operator : UM/SJ
 Sample : G4894-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Quant Time: Dec 23 01:12:46 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	6.83	152	40986	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	171643	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	81865	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	159567	20.00	ng	0.00
75) Chrysene-d12	13.99	240	156022	20.00	ng	-0.01
86) Perylene-d12	15.41	264	126619	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	156083	64.93	ng	0.01
7) Phenol-d6	6.46	99	121019	42.82	ng	-0.01
23) Nitrobenzene-d5	7.39	82	250581	89.68	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	128144	162.74	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	559115	91.92	ng	0.00
78) Terphenyl-d14	12.93	244	554034	84.68	ng	0.00

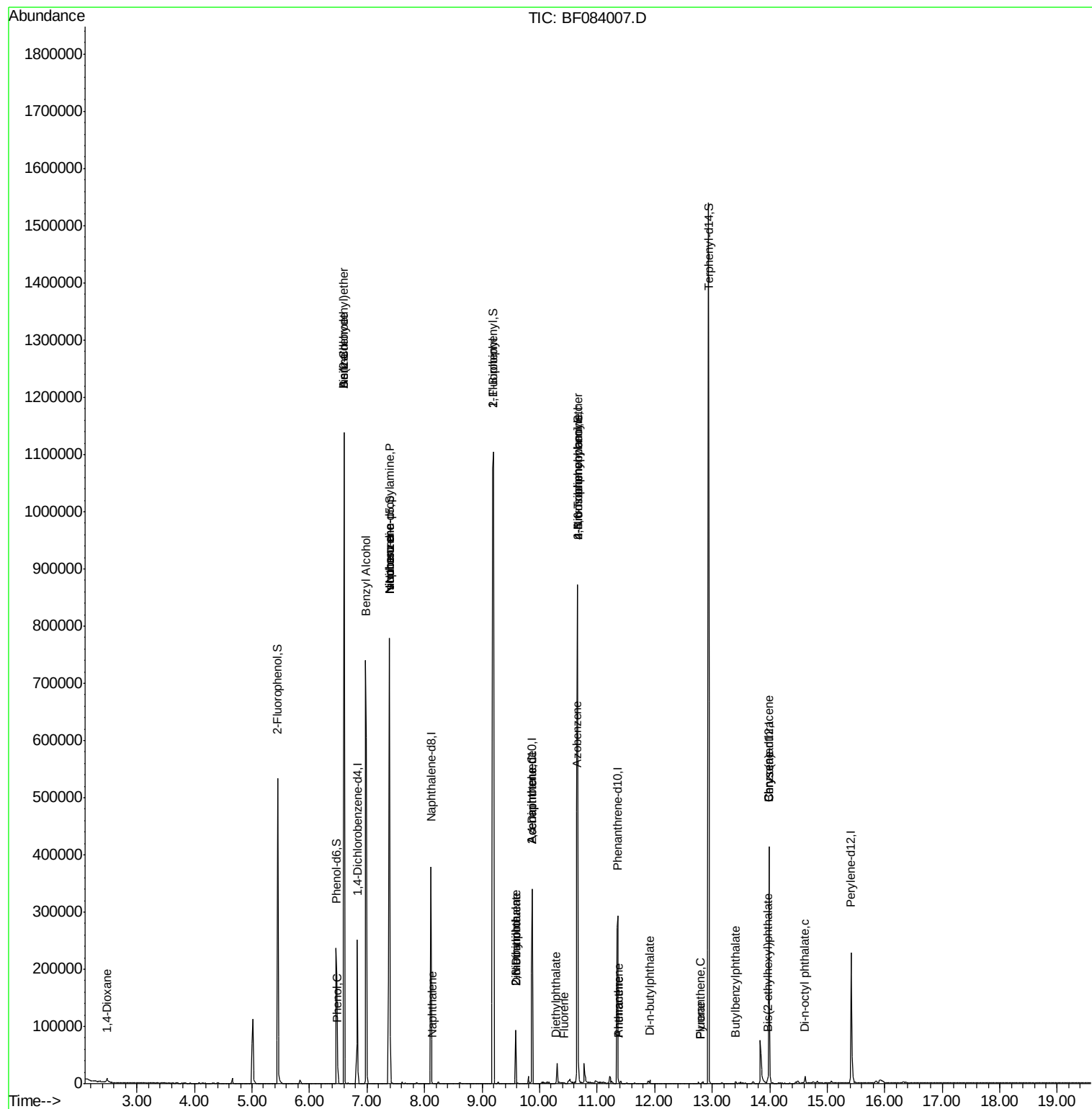
Target Compounds						Qvalue
2) 1,4-Dioxane	2.48	88	5103	4.46	ng	# 92
6) Aniline	6.60	93	296	0.08	ng	# 1
9) Benzaldehyde	6.60	77	6856	3.63	ng	91
10) Phenol	6.49	94	2735	0.84	ng	# 80
11) bis(2-Chloroethyl)ether	6.60	93	296	0.12	ng	# 1
15) Benzyl Alcohol	6.98	79	4398	1.98	ng	# 49
19) n-Nitroso-di-n-propylamine	7.39	70	33195	19.38	ng	# 77
24) Nitrobenzene	7.39	77	706	0.25	ng	# 38
25) Isophorone	7.39	82	207734	39.24	ng	# 66
31) Naphthalene	8.13	128	357	0.04	ng	# 68
45) 1,1'-Biphenyl	9.20	154	1099	0.15	ng	# 1
47) 2-Nitroaniline	9.58	65	214	0.15	ng	# 1
49) Dimethylphthalate	9.58	163	37347	5.83	ng	# 91
50) 2,6-Dinitrotoluene	9.58	165	366	0.27	ng	# 16
51) Acenaphthene	9.87	154	245	0.05	ng	# 4
56) 2,4-Dinitrotoluene	9.87	165	10595	6.23	ng	# 20
57) Fluorene	10.42	166	222	0.04	ng	# 86
59) Diethylphthalate	10.28	149	1201	0.19	ng	# 60
62) Azobenzene	10.65	77	763	0.14	ng	# 16
65) n-Nitrosodiphenylamine	10.66	169	4336	0.74	ng	# 49
66) 4-Bromophenyl-phenylether	10.66	248	9114	4.98	ng	# 1
70) Phenanthrene	11.38	178	1070	0.12	ng	# 60
71) Anthracene	11.38	178	1070	0.12	ng	# 60
73) Di-n-butylphthalate	11.92	149	3798	0.36	ng	# 96
74) Fluoranthene	12.80	202	286	0.03	ng	63
77) Pyrene	12.80	202	286	0.03	ng	# 57
79) Butylbenzylphthalate	13.40	149	1131	0.23	ng	# 68
80) Benzo(a)anthracene	13.99	228	529	0.06	ng	# 51
82) Chrysene	13.99	228	529	0.06	ng	# 49
83) Bis(2-ethylhexyl)phthalate	13.97	149	3450	0.51	ng	# 90
84) Di-n-octyl phthalate	14.61	149	1573	0.15	ng	# 70

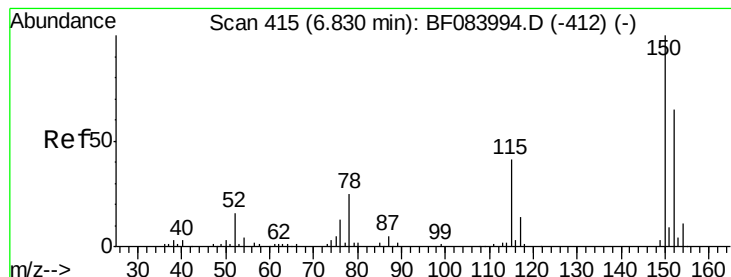
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF084007.D

Acq: 23 Dec 2015 00:05

Instrument :

BNA_F

ClientSampled :

MW-3

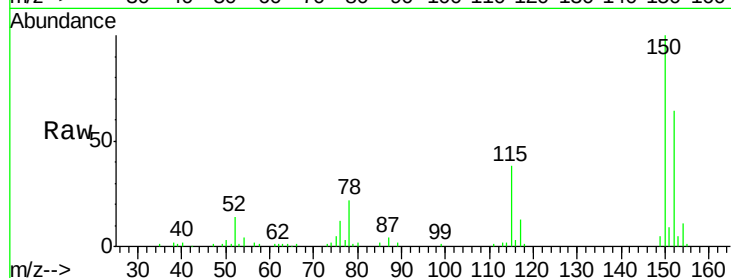
Tgt Ion:152 Resp: 40986

Ion Ratio Lower Upper

152 100

150 157.3 123.0 184.4

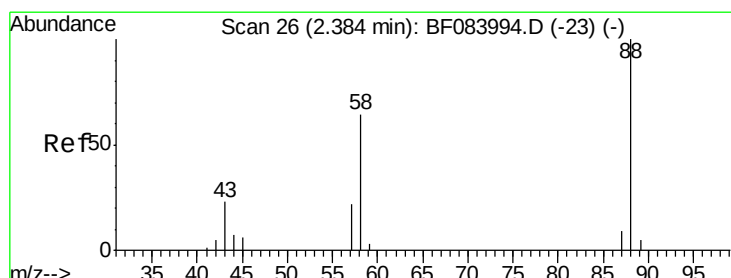
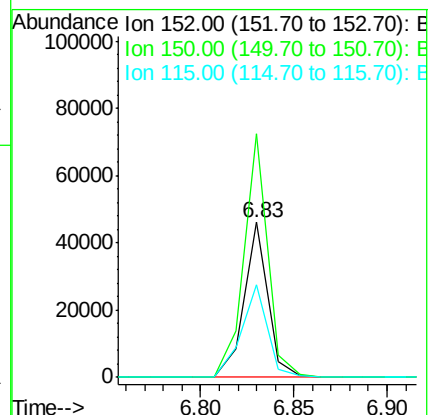
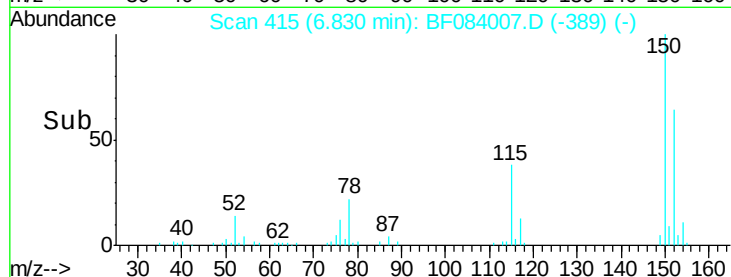
115 59.5 51.4 77.2



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



#2

1,4-Dioxane

Concen: 4.46 ng

RT: 2.48 min Scan# 34

Delta R.T. 0.09 min

Lab File: BF084007.D

Acq: 23 Dec 2015 00:05

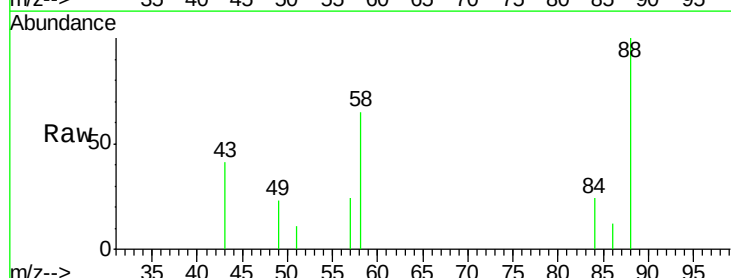
Tgt Ion: 88 Resp: 5103

Ion Ratio Lower Upper

88 100

58 67.4 51.2 76.8

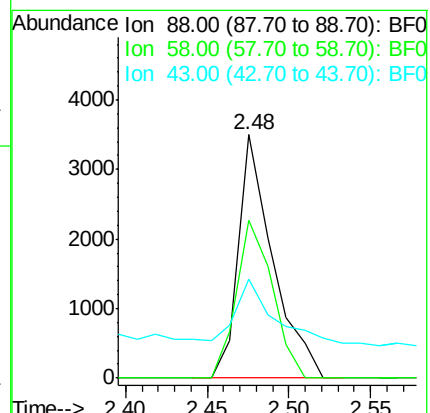
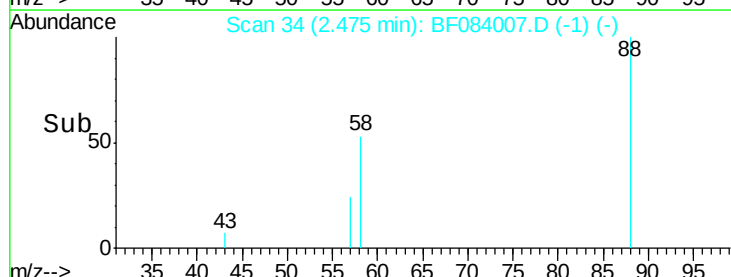
43 33.5 19.5 29.3#

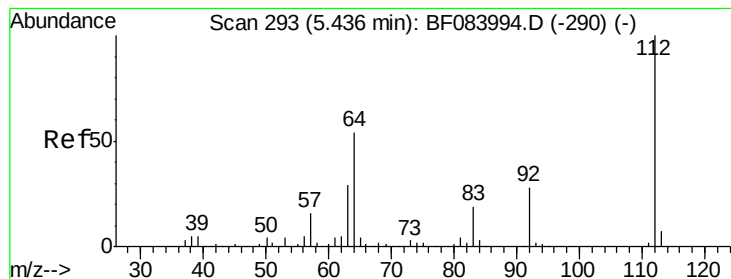


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 64.93 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF084007.D

Acq: 23 Dec 2015 00:05

Instrument :

BNA_F

ClientSampleId :

MW-3

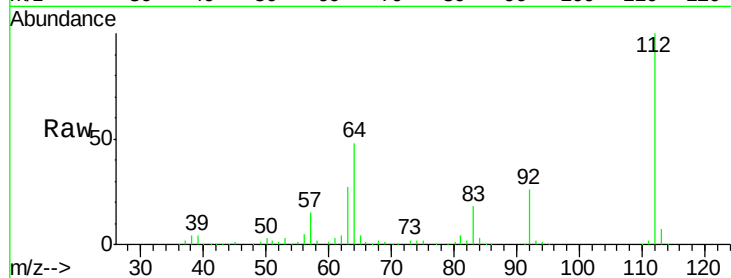
Tgt Ion: 112 Resp: 156083

Ion Ratio Lower Upper

112 100

64 48.5 36.6 55.0

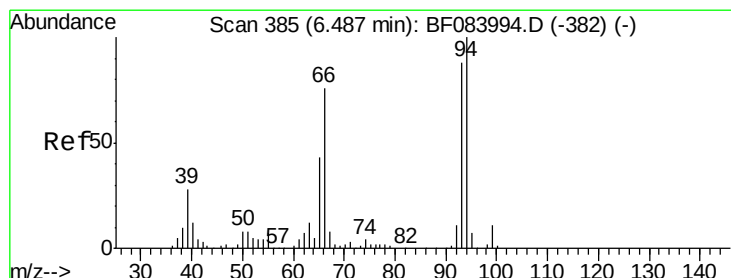
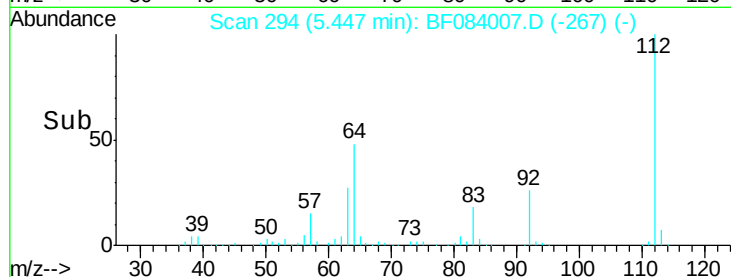
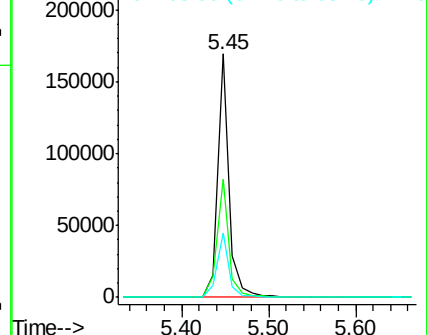
63 26.5 19.4 29.0



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



#6

Aniline

Concen: 0.08 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.11 min

Lab File: BF084007.D

Acq: 23 Dec 2015 00:05

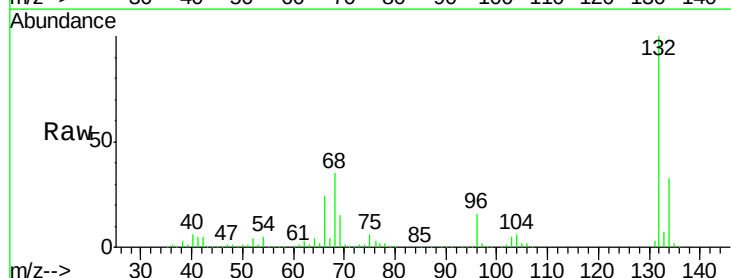
Tgt Ion: 93 Resp: 296

Ion Ratio Lower Upper

93 100

66 19172.2 44.9 67.3#

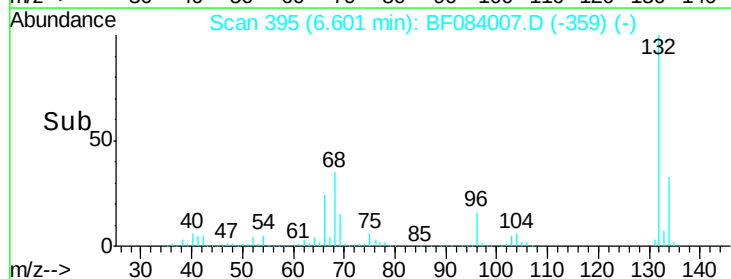
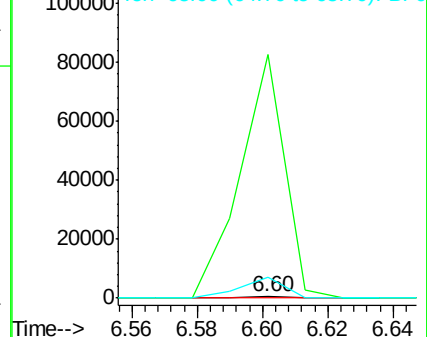
65 1653.4 23.7 35.5#

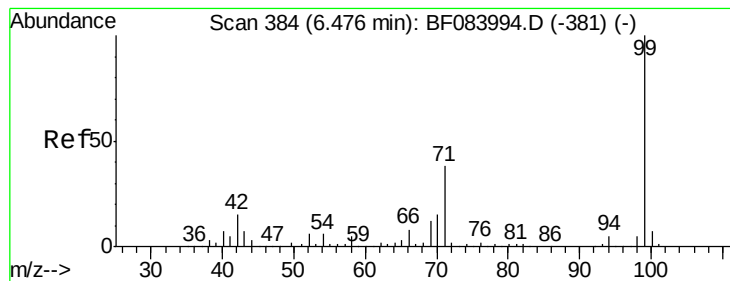


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 42.82 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF084007.D

Acq: 23 Dec 2015 00:05

Instrument :

BNA_F

ClientSampled :

MW-3

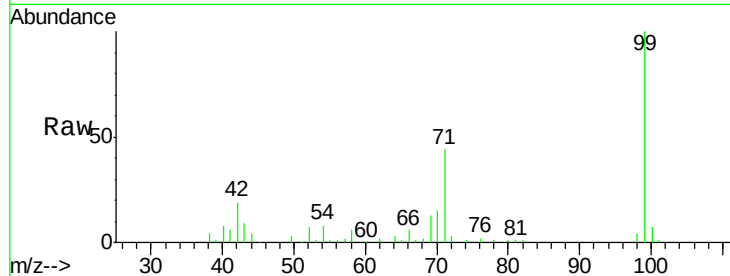
Tgt Ion: 99 Resp: 121019

Ion Ratio Lower Upper

99 100

42 18.9 12.8 19.2

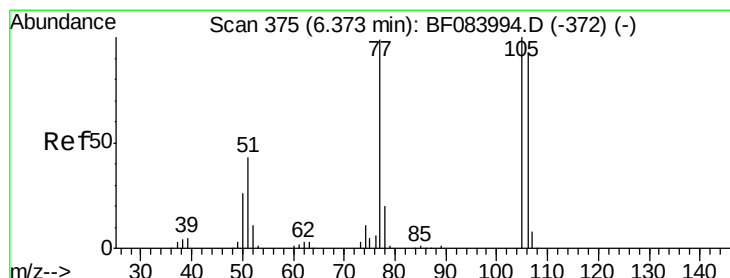
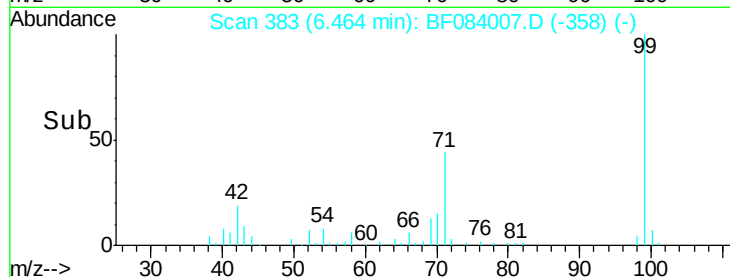
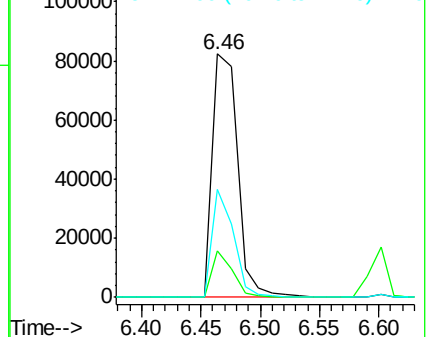
71 44.2 30.9 46.3



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: 3.63 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.23 min

Lab File: BF084007.D

Acq: 23 Dec 2015 00:05

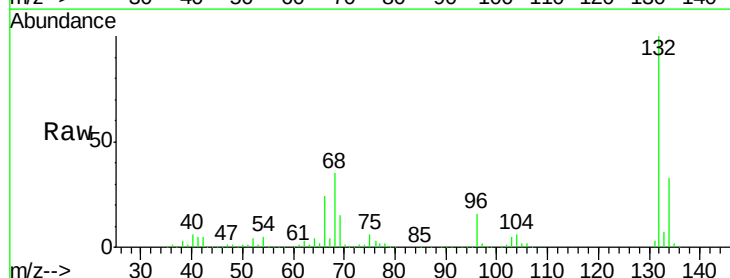
Tgt Ion: 77 Resp: 6856

Ion Ratio Lower Upper

77 100

105 90.5 83.0 123.0

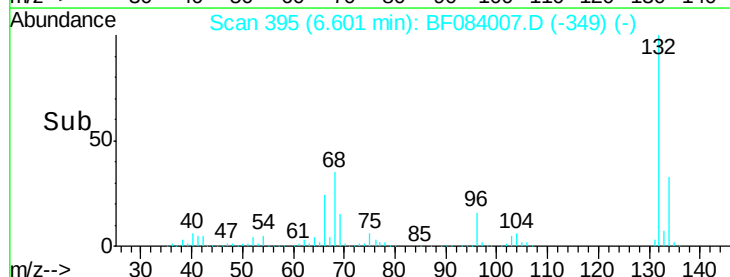
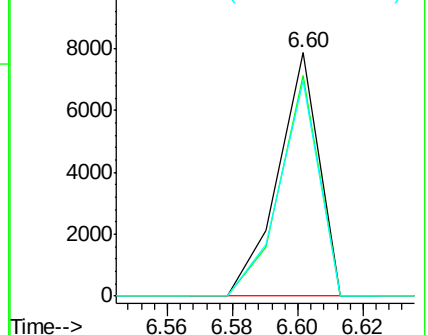
106 88.4 74.6 114.6

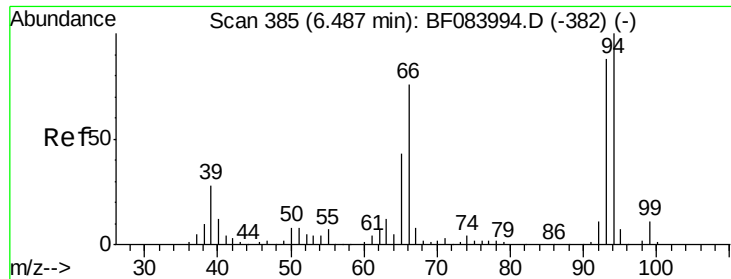


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.84 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF084007.D

Acq: 23 Dec 2015 00:05

Instrument :

BNA_F

ClientSampled :

MW-3

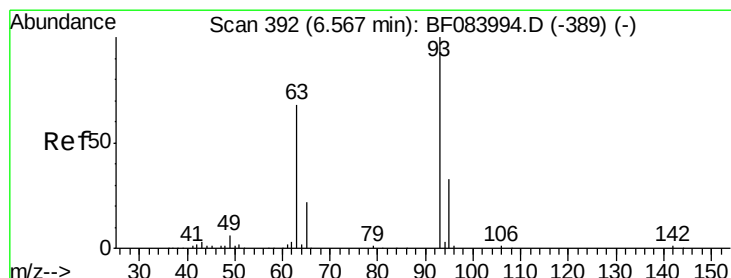
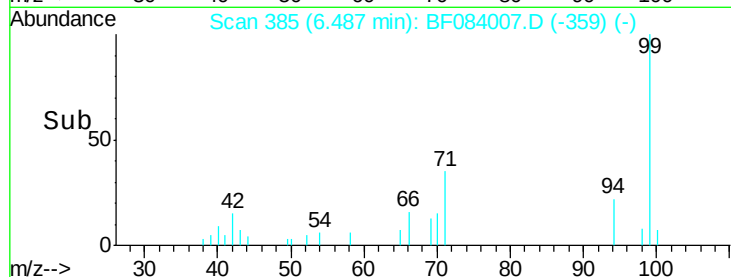
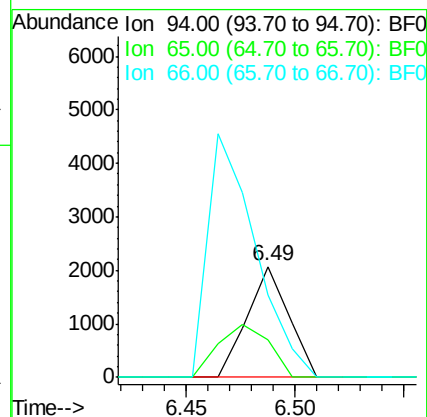
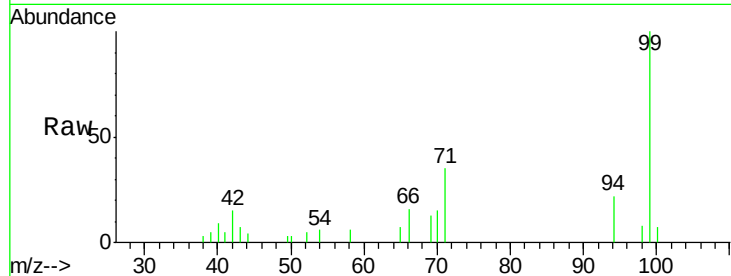
Tgt Ion: 94 Resp: 2735

Ion Ratio Lower Upper

94 100

65 33.9 12.9 52.9

66 74.6 32.7 72.7#



#11

bis(2-Chloroethyl)ether

Concen: 0.12 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.03 min

Lab File: BF084007.D

Acq: 23 Dec 2015 00:05

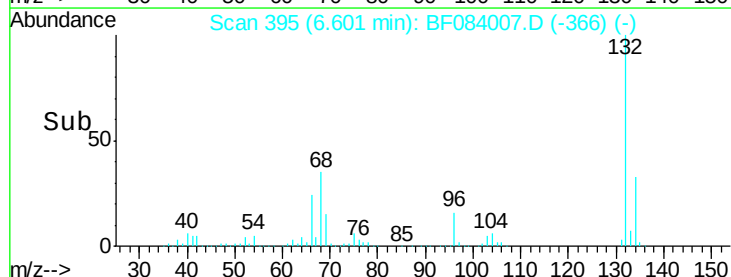
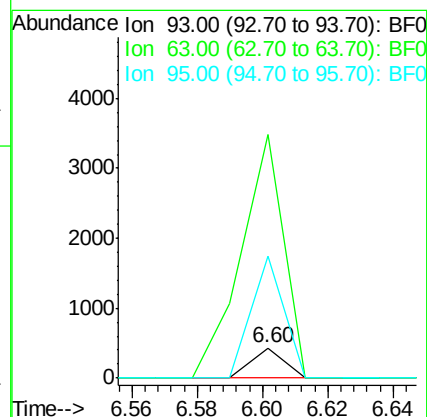
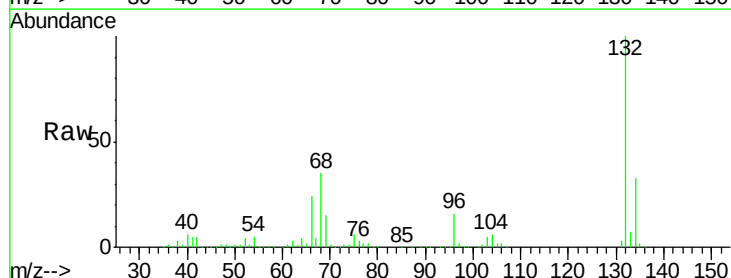
Tgt Ion: 93 Resp: 296

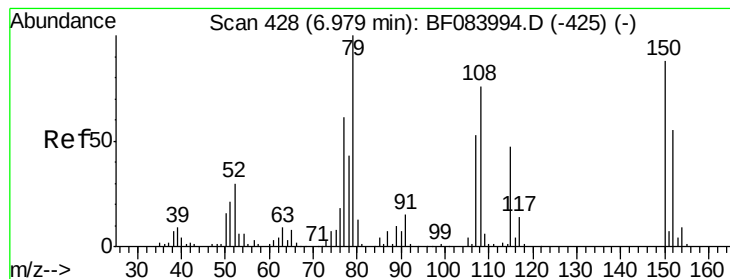
Ion Ratio Lower Upper

93 100

63 807.9 45.9 85.9#

95 404.2 12.3 52.3#





#15

Benzyl Alcohol

Concen: 1.98 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF084007.D

Acq: 23 Dec 2015 00:05

Instrument :

BNA_F

ClientSampled :

MW-3

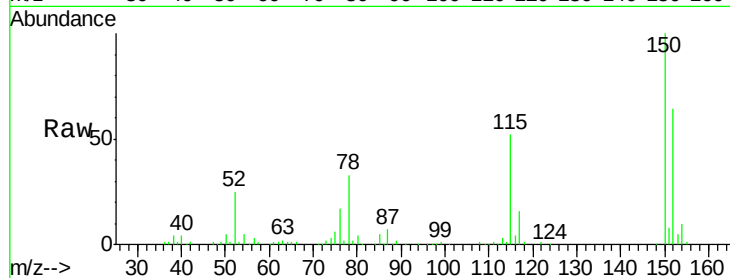
Tgt Ion: 79 Resp: 4398

Ion Ratio Lower Upper

79 100

108 27.7 69.0 103.4#

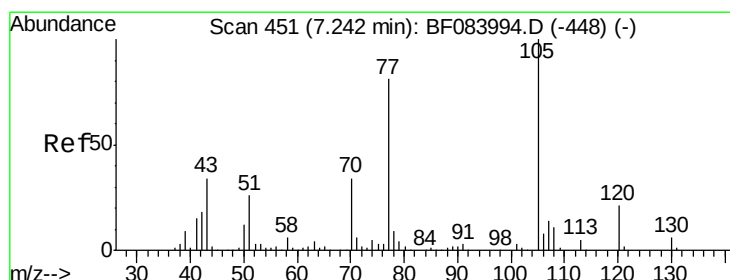
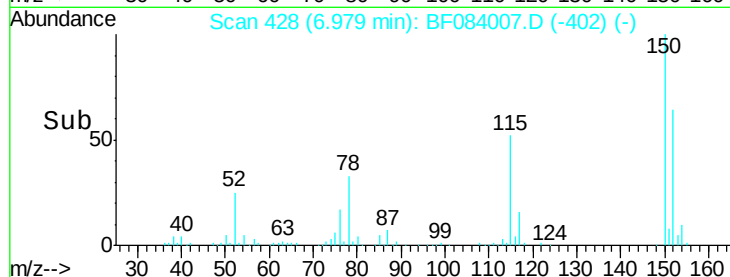
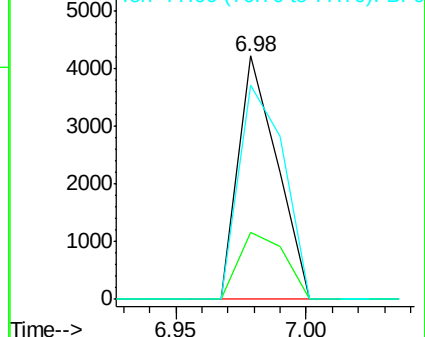
77 88.1 50.0 75.0#



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: 19.38 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.15 min

Lab File: BF084007.D

Acq: 23 Dec 2015 00:05

Tgt Ion: 70 Resp: 33195

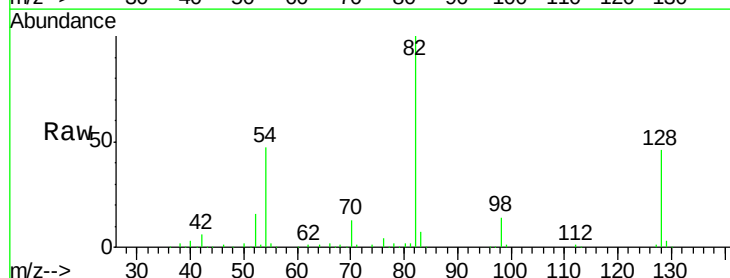
Ion Ratio Lower Upper

70 100

42 43.6 33.3 49.9

101 0.0 9.3 13.9#

130 2.6 23.4 35.0#

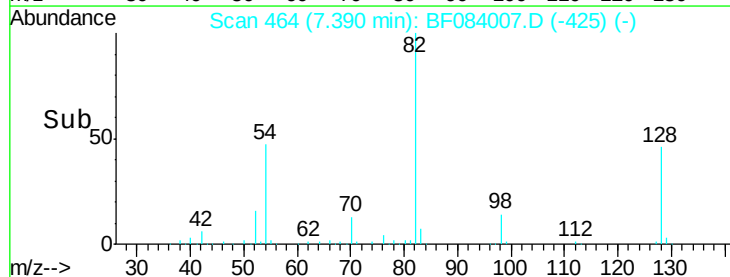
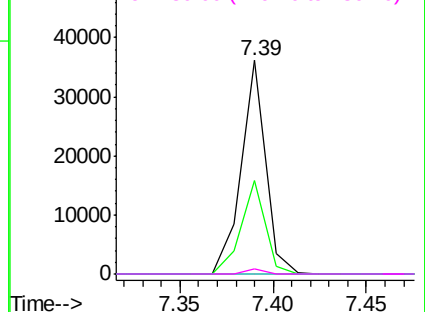


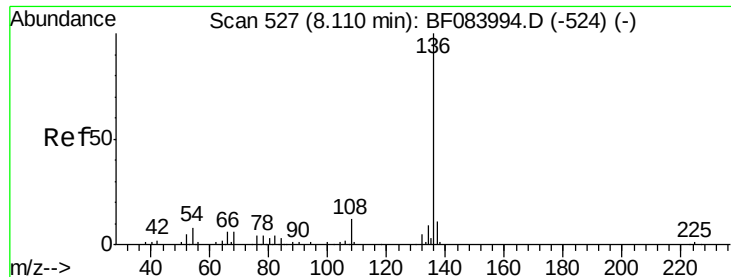
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084007.D

Acq: 23 Dec 2015 00:05

Instrument :

BNA_F

ClientSampleId :

MW-3

Tgt Ion:136 Resp: 171643

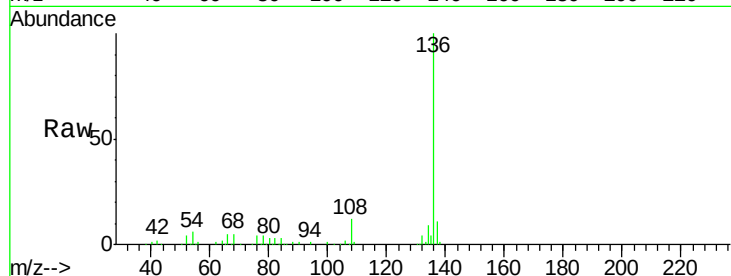
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 6.0 5.8 8.8

68 4.5 4.2 6.2

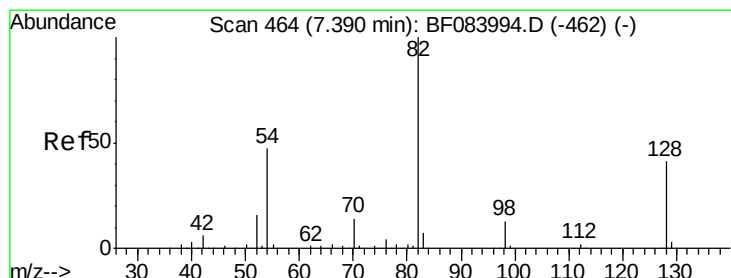
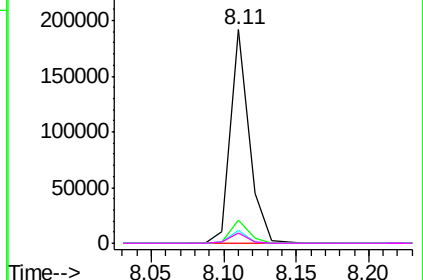
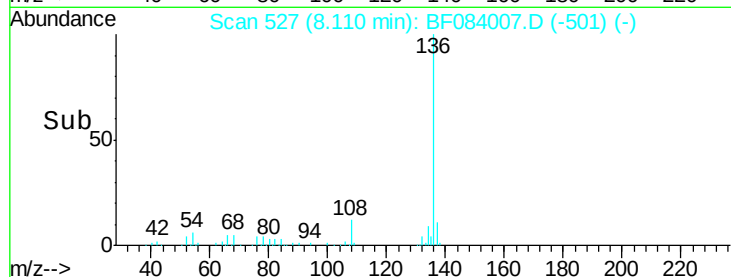


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.68 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF084007.D

Acq: 23 Dec 2015 00:05

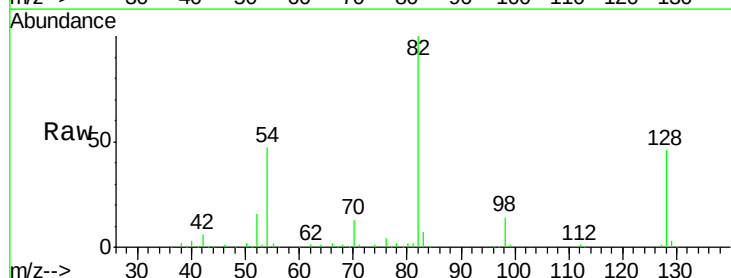
Tgt Ion: 82 Resp: 250581

Ion Ratio Lower Upper

82 100

128 45.9 34.6 51.8

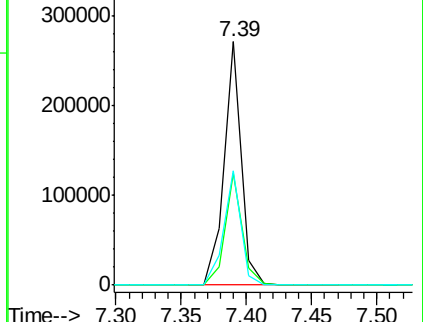
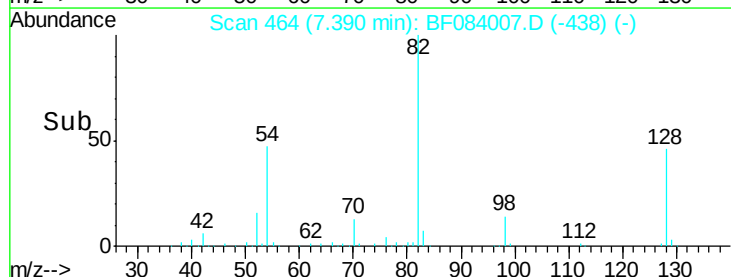
54 46.7 38.4 57.6

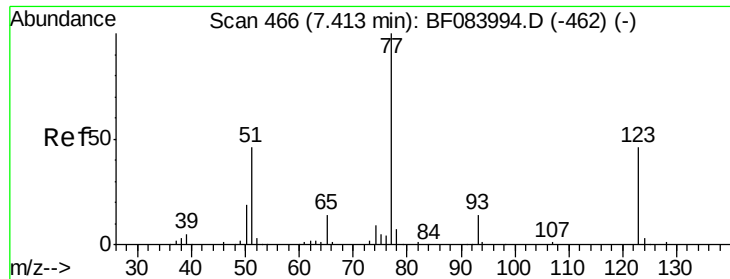


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 0.25 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.02 min

Lab File: BF084007.D

Acq: 23 Dec 2015 00:05

Instrument :

BNA_F

ClientSampleId :

MW-3

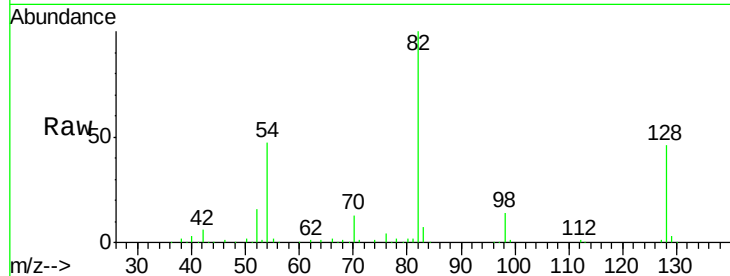
Tgt Ion: 77 Resp: 706

Ion Ratio Lower Upper

77 100

123 0.0 37.4 56.2#

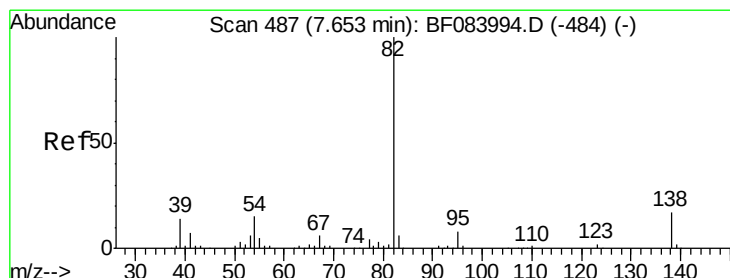
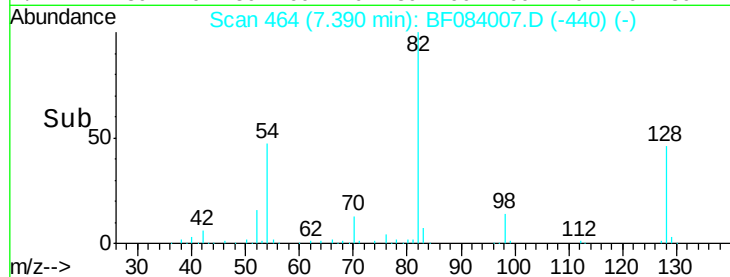
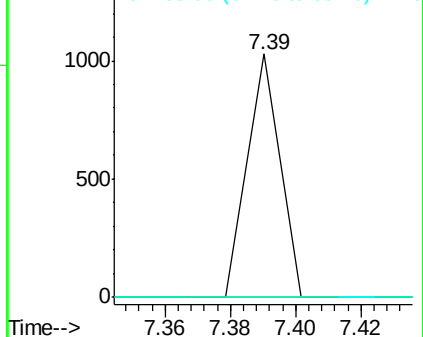
65 0.0 10.9 16.3#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 39.24 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.26 min

Lab File: BF084007.D

Acq: 23 Dec 2015 00:05

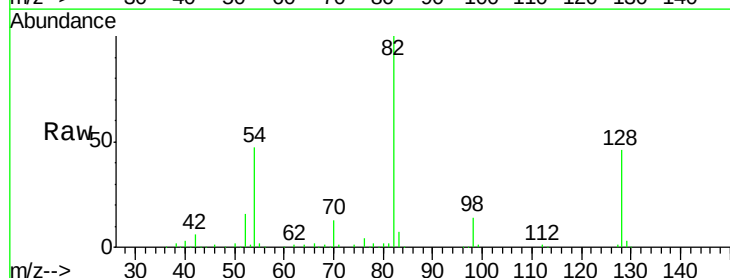
Tgt Ion: 82 Resp: 207734

Ion Ratio Lower Upper

82 100

95 0.0 6.6 10.0#

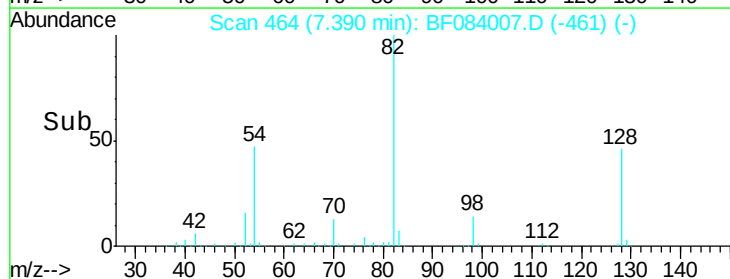
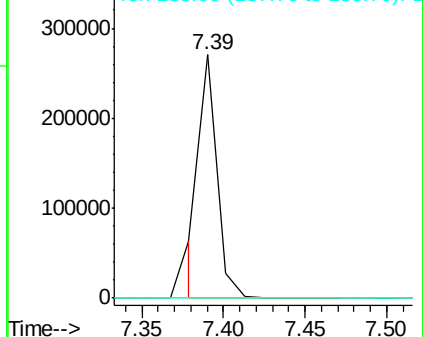
138 0.0 13.6 20.4#

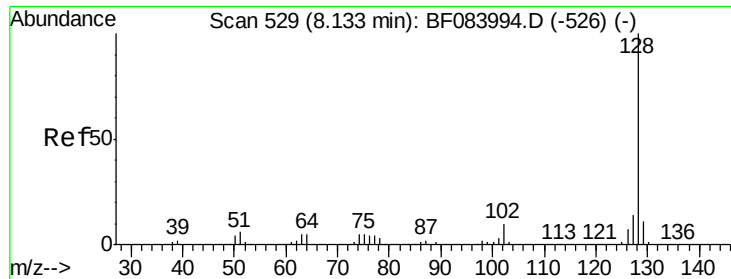


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

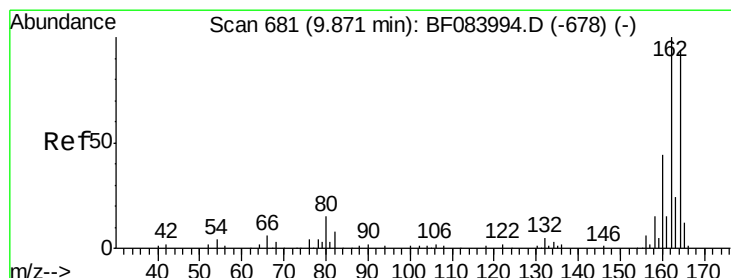
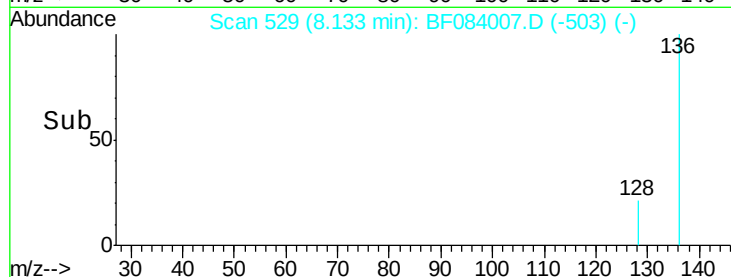
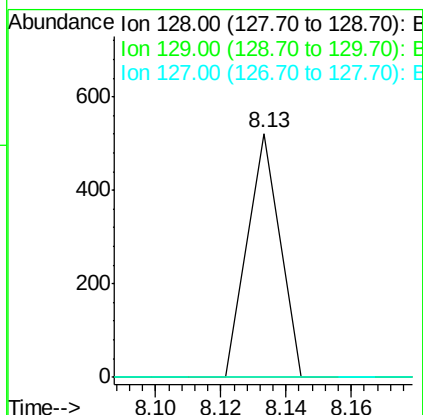
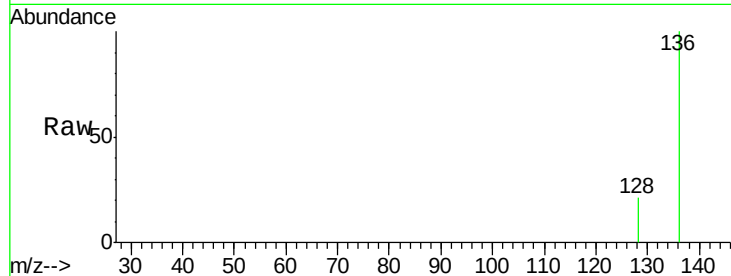




#31
Naphthalene
Concen: 0.04 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF084007.D
Acq: 23 Dec 2015 00:05

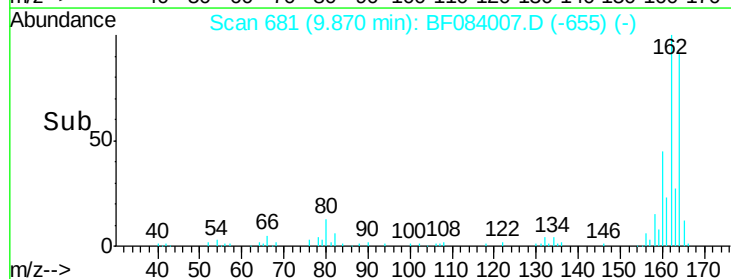
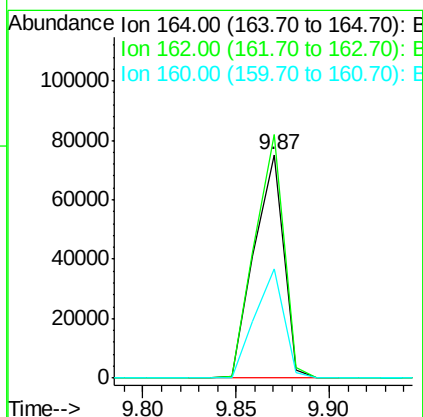
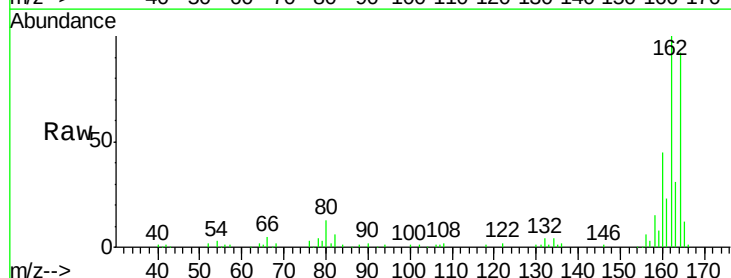
Instrument :
BNA_F
ClientSampleId :
MW-3

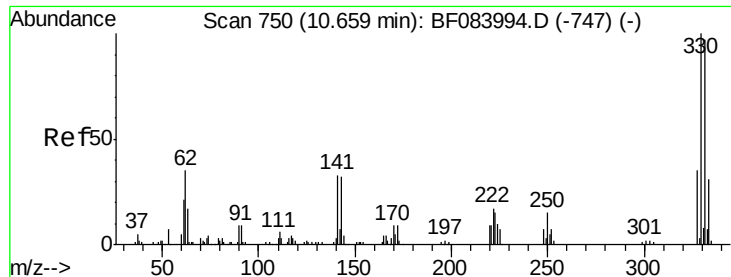
Tgt Ion:128 Resp: 357
Ion Ratio Lower Upper
128 100
129 0.0 9.1 13.7#
127 0.0 11.1 16.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF084007.D
Acq: 23 Dec 2015 00:05

Tgt Ion:164 Resp: 81865
Ion Ratio Lower Upper
164 100
162 108.9 85.1 127.7
160 48.8 37.5 56.3

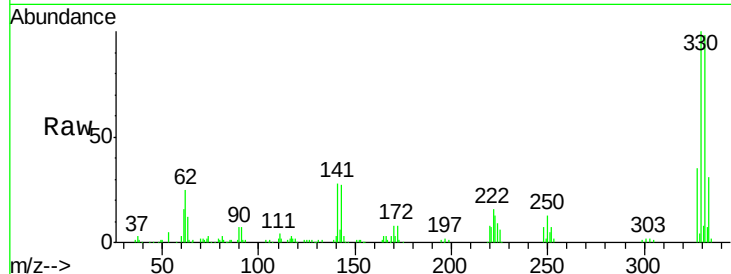




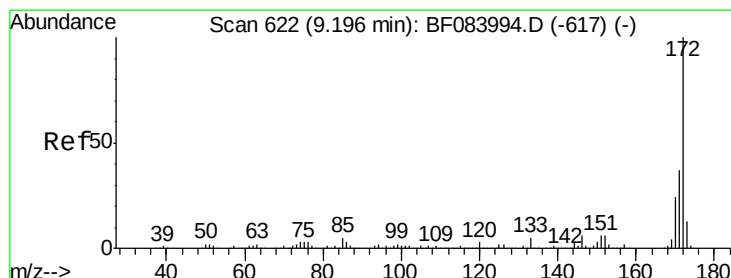
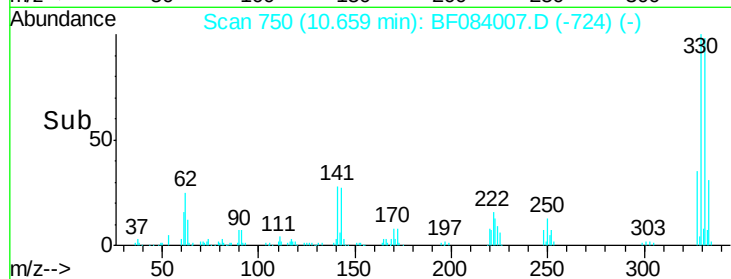
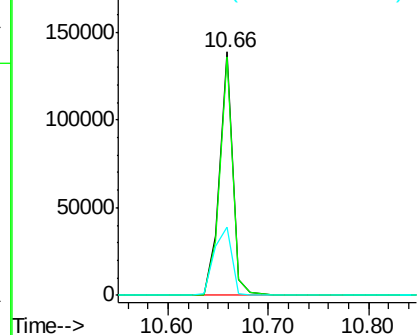
#41
 2,4,6-Tribromophenol
 Concen: 162.74 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF084007.D
 Acq: 23 Dec 2015 00:05

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	114.8
141	37.6	27.8	41.6

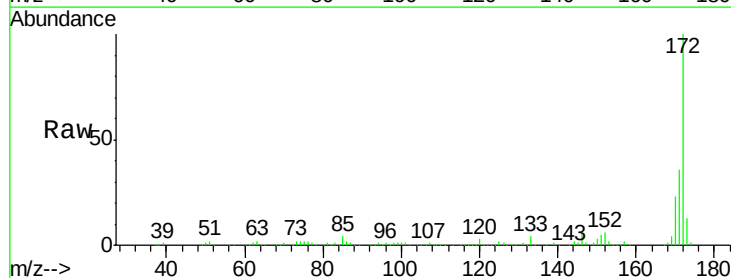


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

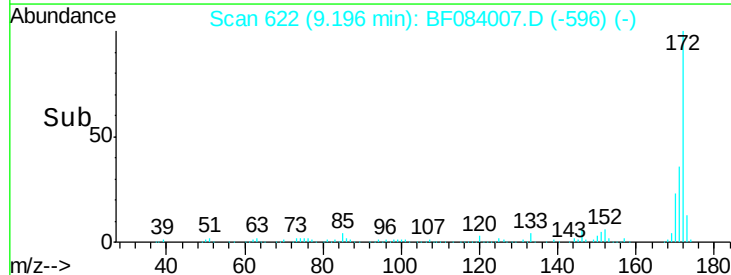
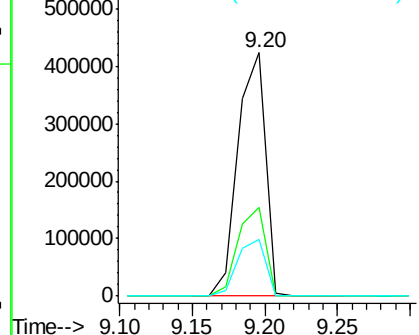


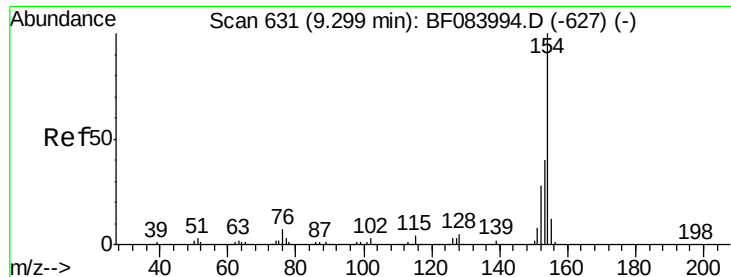
#44
 2-Fluorobiphenyl
 Concen: 91.92 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084007.D
 Acq: 23 Dec 2015 00:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	23.3	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

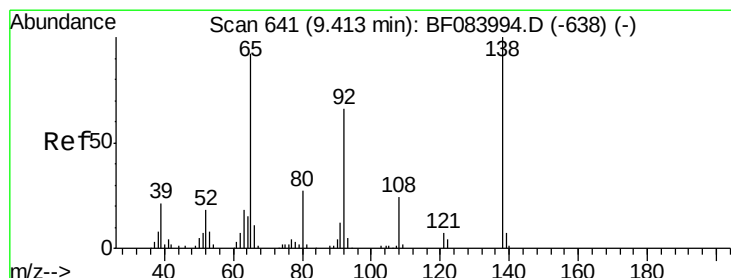
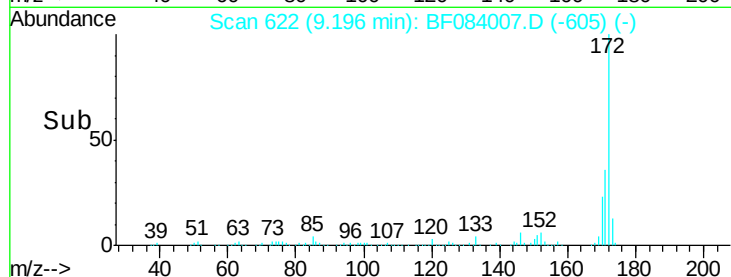
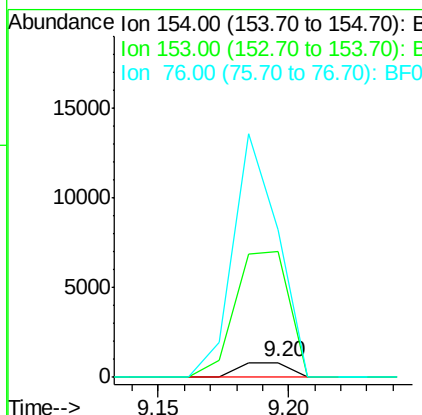
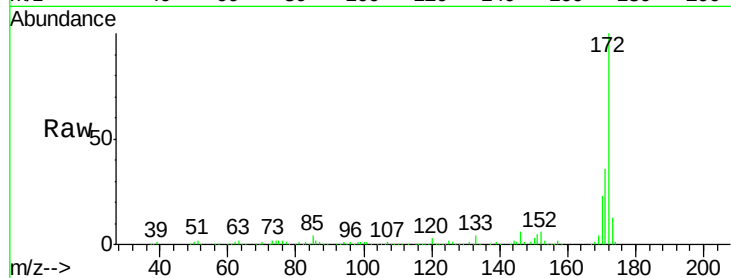




#45
 1,1'-Biphenyl
 Concen: 0.15 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.10 min
 Lab File: BF084007.D
 Acq: 23 Dec 2015 00:05

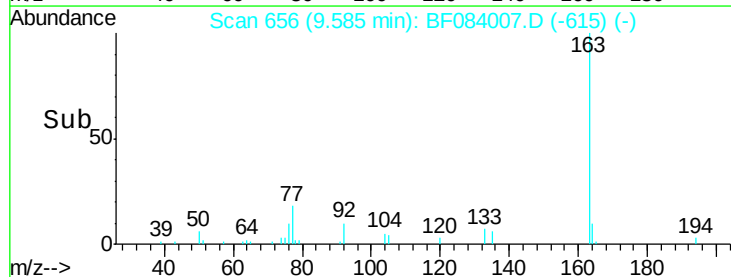
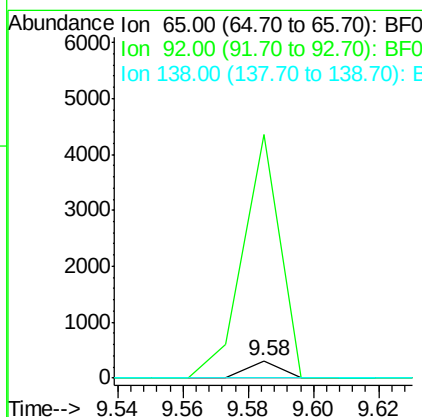
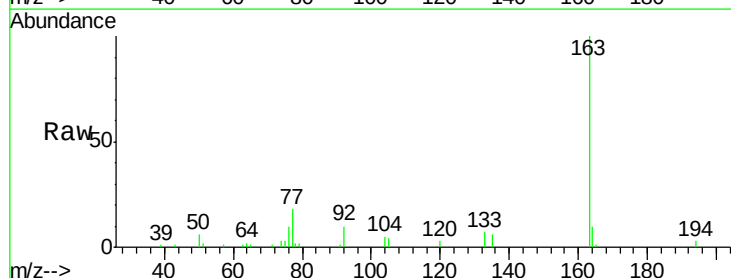
Instrument :
 BNA_F
 ClientSampleId :
 MW-3

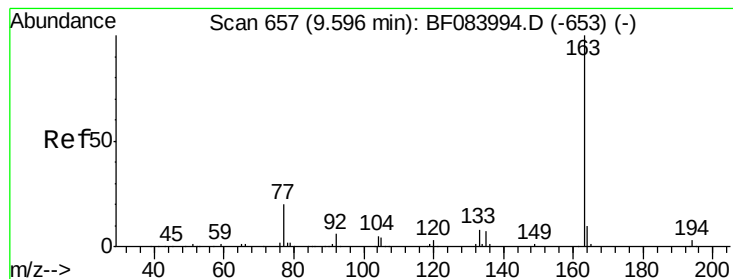
Tgt Ion:154 Resp: 1099
 Ion Ratio Lower Upper
 154 100
 153 865.3 21.6 61.6#
 76 1016.5 0.0 32.7#



#47
 2-Nitroaniline
 Concen: 0.15 ng
 RT: 9.58 min Scan# 656
 Delta R.T. 0.17 min
 Lab File: BF084007.D
 Acq: 23 Dec 2015 00:05

Tgt Ion: 65 Resp: 214
 Ion Ratio Lower Upper
 65 100
 92 1395.5 53.4 80.2#
 138 0.0 71.1 106.7#





#49

Dimethylphthalate

Concen: 5.83 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF084007.D

Acq: 23 Dec 2015 00:05

Instrument :

BNA_F

ClientSampleId :

MW-3

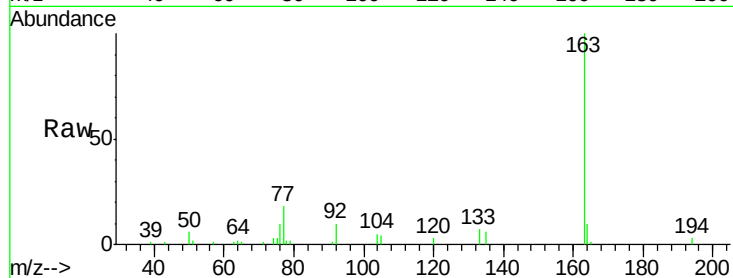
Tgt Ion:163 Resp: 37347

Ion Ratio Lower Upper

163 100

194 3.5 8.0 12.0#

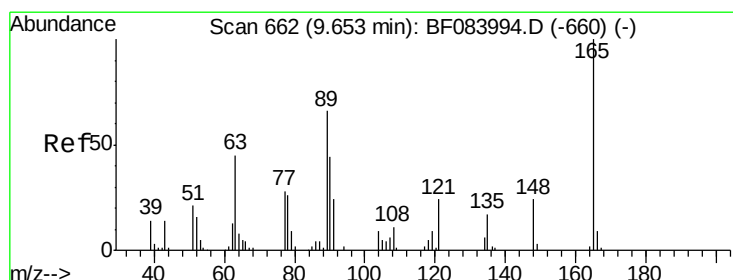
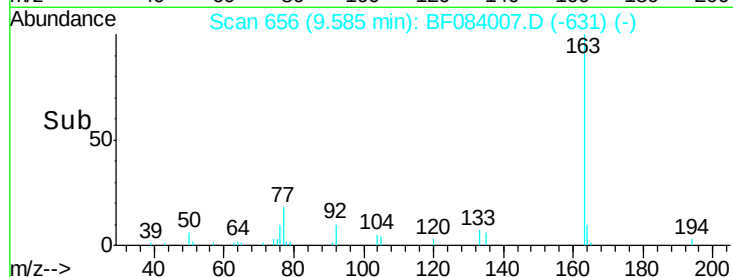
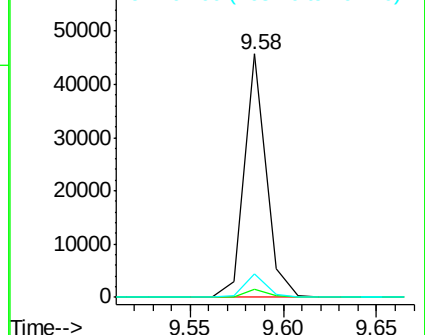
164 9.8 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 0.27 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.07 min

Lab File: BF084007.D

Acq: 23 Dec 2015 00:05

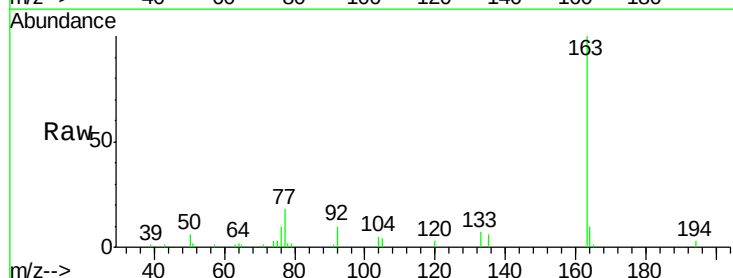
Tgt Ion:165 Resp: 366

Ion Ratio Lower Upper

165 100

63 96.8 28.8 43.2#

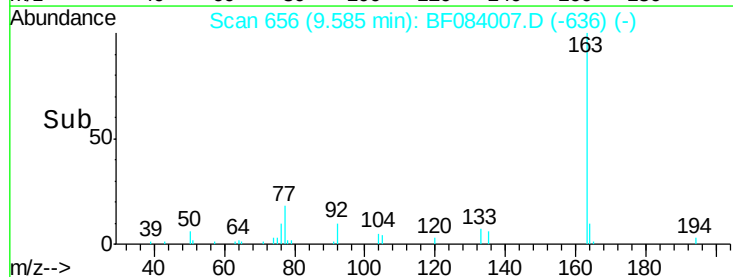
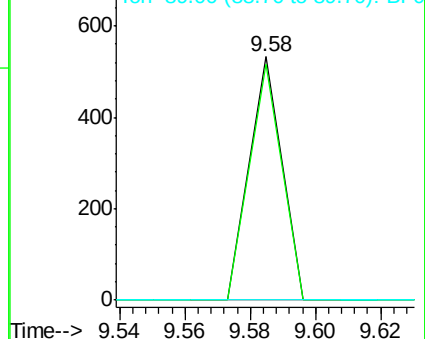
89 0.0 35.1 52.7#

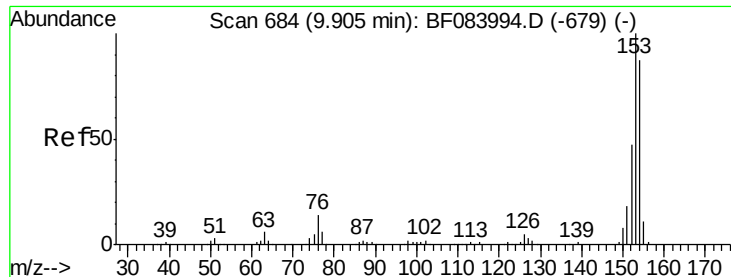


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 0.05 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.03 min

Lab File: BF084007.D

Acq: 23 Dec 2015 00:05

Instrument :

BNA_F

ClientSampleId :

MW-3

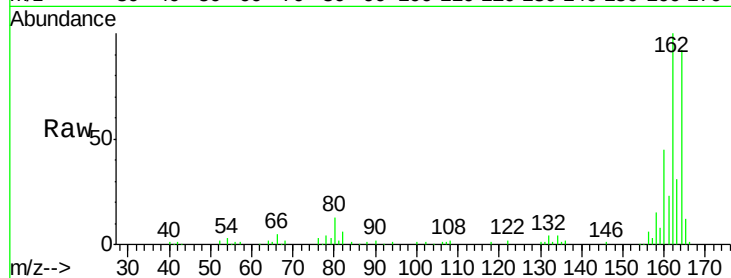
Tgt Ion:154 Resp: 245

Ion Ratio Lower Upper

154 100

153 0.0 91.5 137.3#

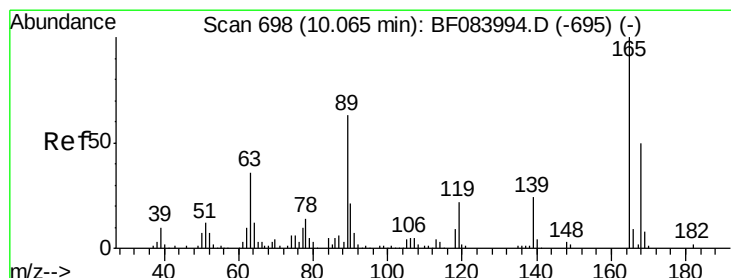
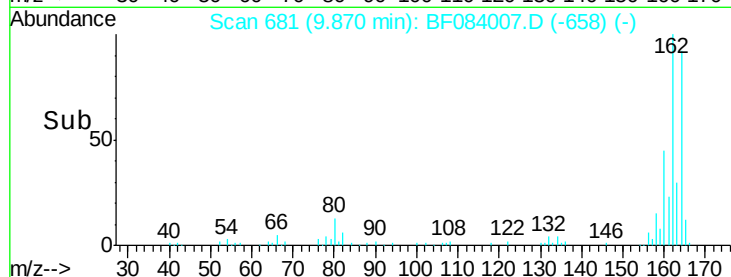
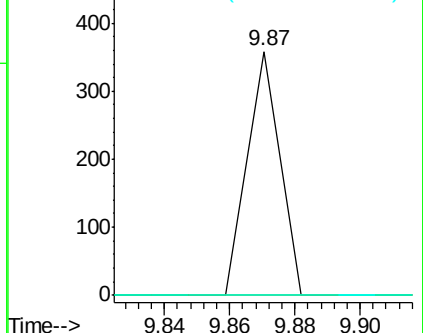
152 0.0 43.0 64.6#



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



#56

2,4-Dinitrotoluene

Concen: 6.23 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.19 min

Lab File: BF084007.D

Acq: 23 Dec 2015 00:05

Tgt Ion:165 Resp: 10595

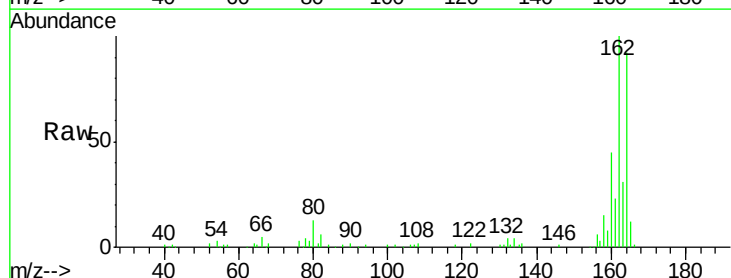
Ion Ratio Lower Upper

165 100

63 0.0 36.7 55.1#

89 0.0 61.9 92.9#

182 0.0 2.0 3.0#

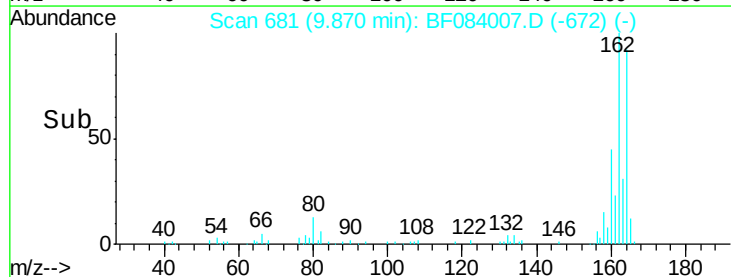
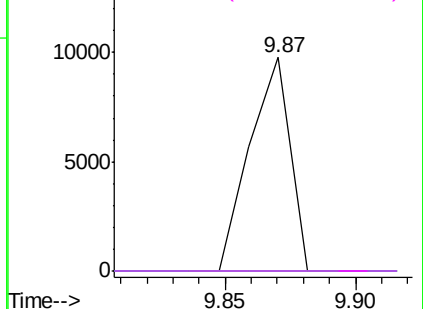


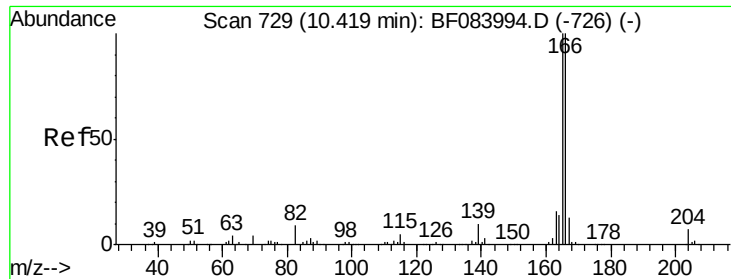
Abundance Ion 165.00 (164.70 to 165.70): E

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

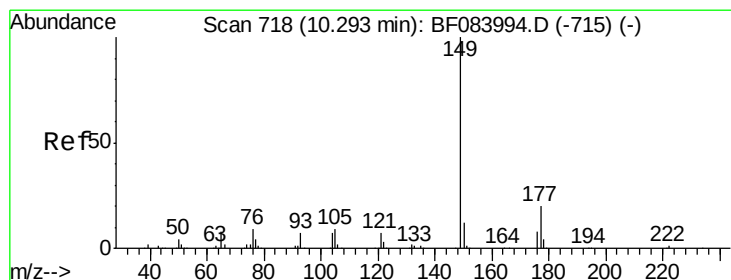
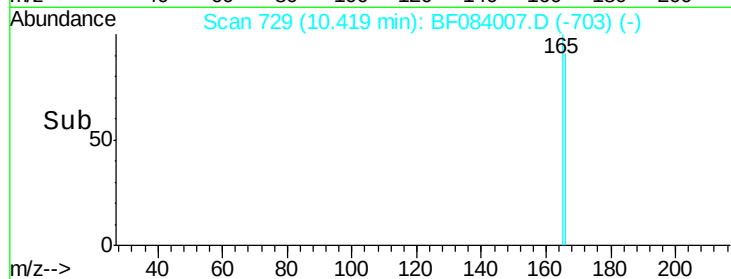
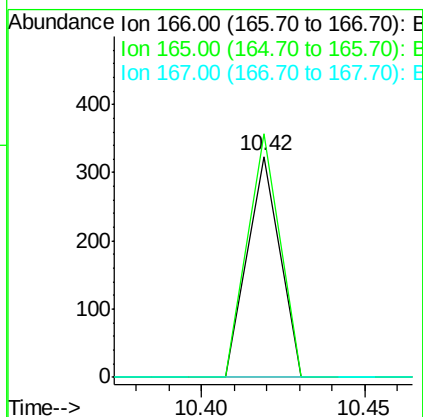
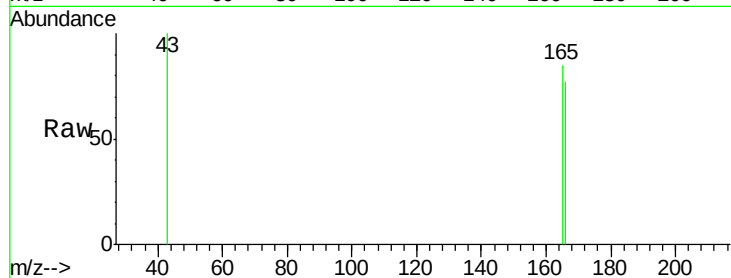




#57
 Fluorene
 Concen: 0.04 ng
 RT: 10.42 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: BF084007.D
 Acq: 23 Dec 2015 00:05

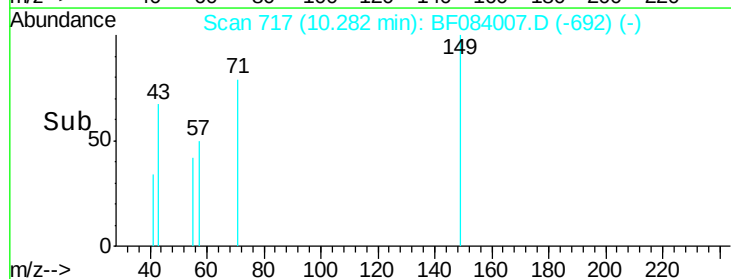
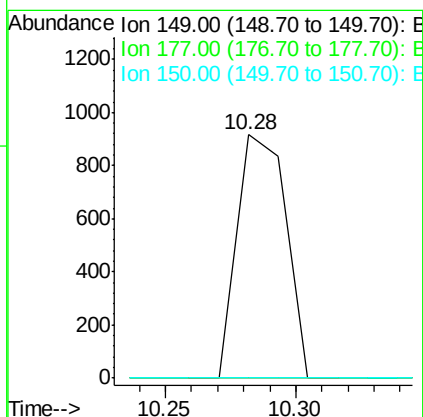
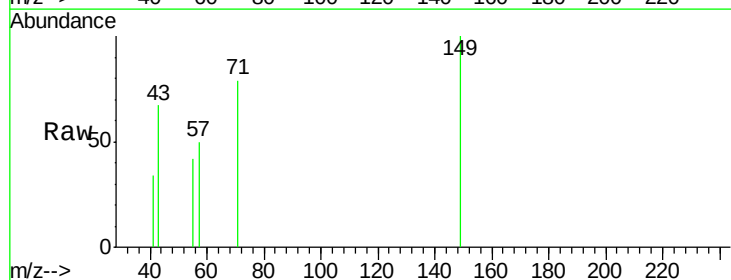
Instrument :
 BNA_F
 ClientSampleId :
 MW-3

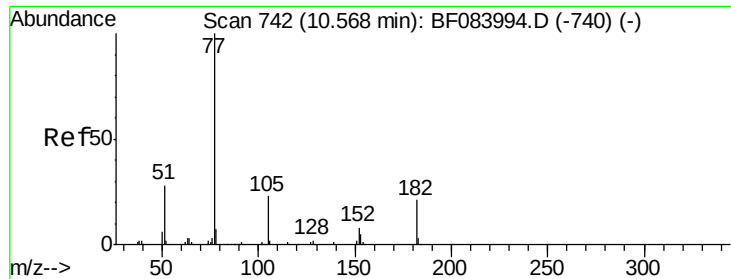
Tgt Ion:166 Resp: 222
 Ion Ratio Lower Upper
 166 100
 165 110.2 79.1 118.7
 167 0.0 10.4 15.6#



#59
 Diethylphthalate
 Concen: 0.19 ng
 RT: 10.28 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: BF084007.D
 Acq: 23 Dec 2015 00:05

Tgt Ion:149 Resp: 1201
 Ion Ratio Lower Upper
 149 100
 177 0.0 17.3 25.9#
 150 0.0 9.8 14.8#





#62

Azobenzene

Concen: 0.14 ng

RT: 10.65 min Scan# 749

Delta R.T. 0.08 min

Lab File: BF084007.D

Acq: 23 Dec 2015 00:05

Instrument :

BNA_F

ClientSampled :

MW-3

Tgt Ion: 77 Resp: 763

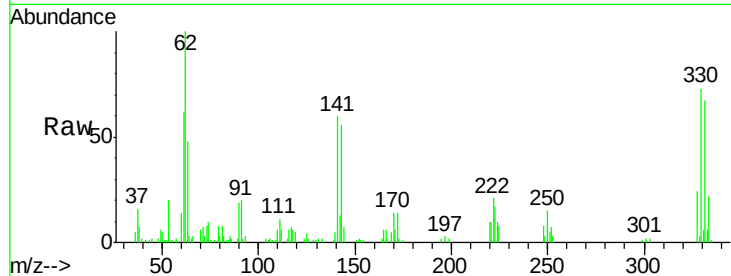
Ion Ratio Lower Upper

77 100

182 0.0 8.3 48.3#

105 74.7 4.6 44.6#

51 77.7 6.2 46.2#

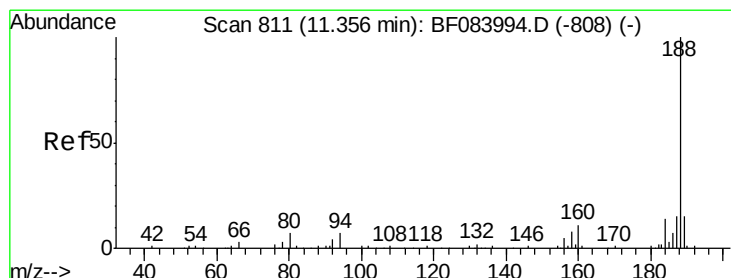
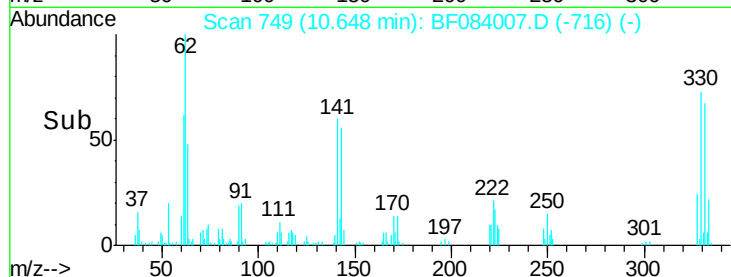
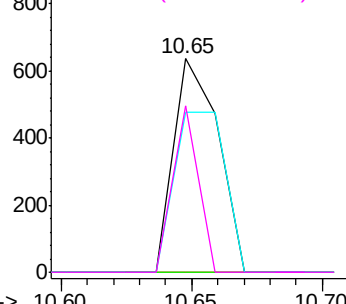


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF084007.D

Acq: 23 Dec 2015 00:05

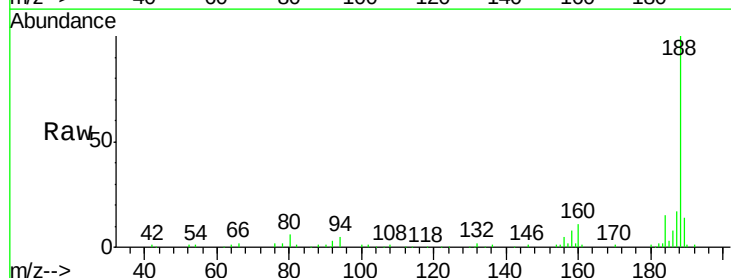
Tgt Ion: 188 Resp: 159567

Ion Ratio Lower Upper

188 100

94 5.5 9.0 13.4#

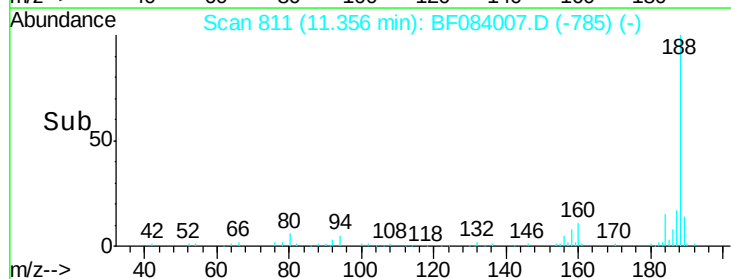
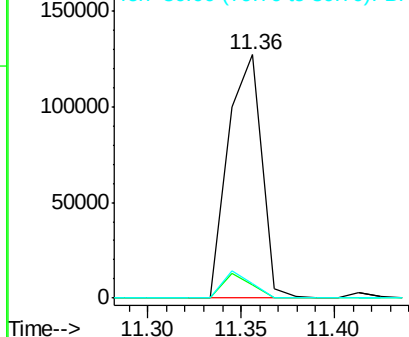
80 6.2 9.6 14.4#

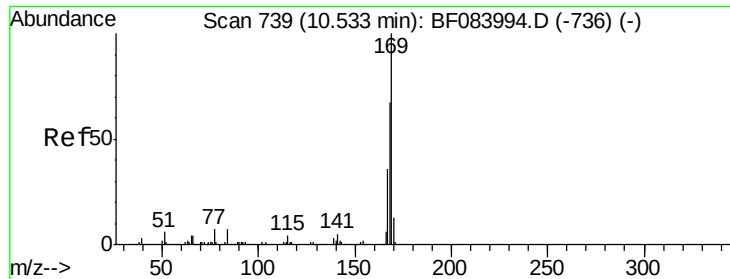


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

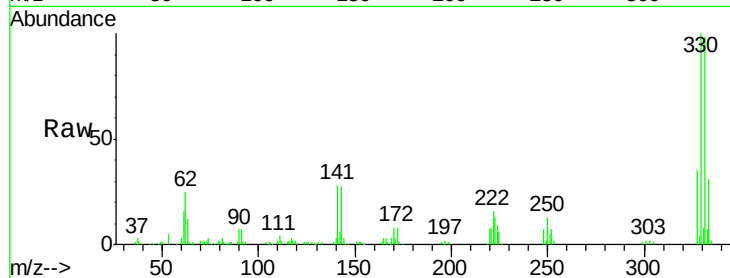




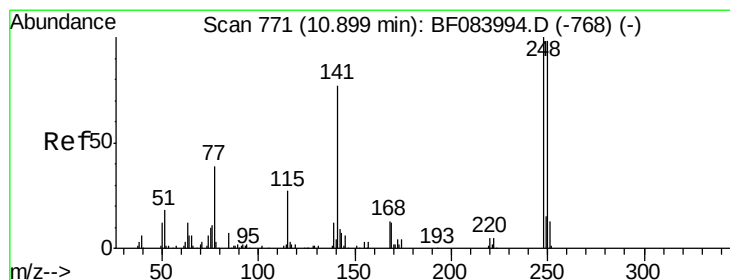
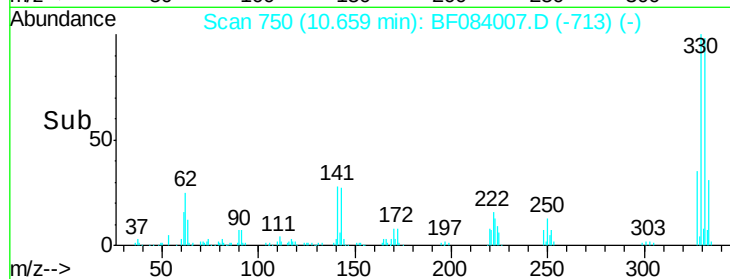
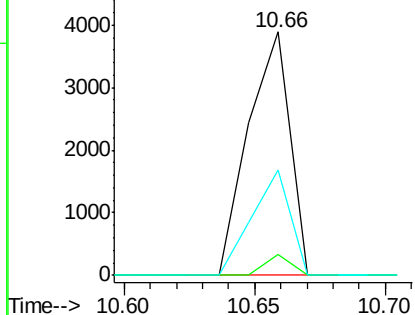
#65
 n-Nitrosodiphenylamine
 Concen: 0.74 ng
 RT: 10.66 min Scan# 750
 Delta R.T. 0.13 min
 Lab File: BF084007.D
 Acq: 23 Dec 2015 00:05

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Tgt Ion:169 Resp: 4336
 Ion Ratio Lower Upper
 169 100
 168 8.5 55.1 82.7#
 167 43.2 30.0 45.0

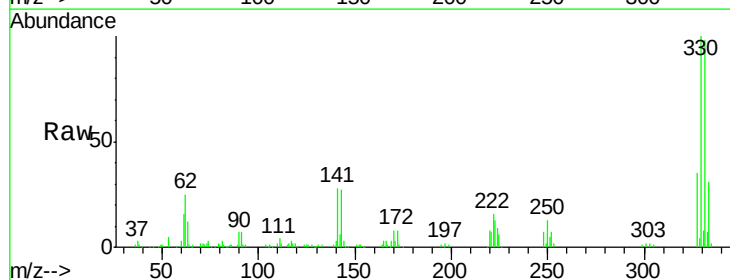


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

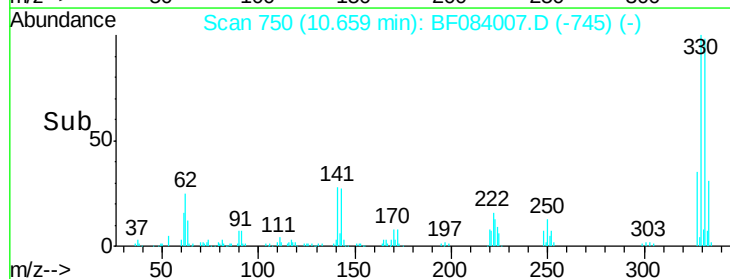
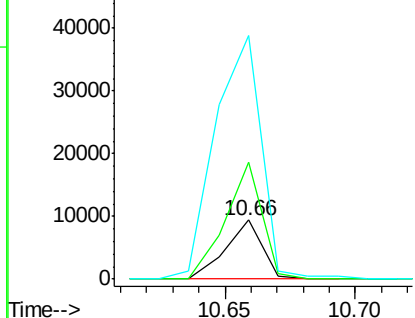


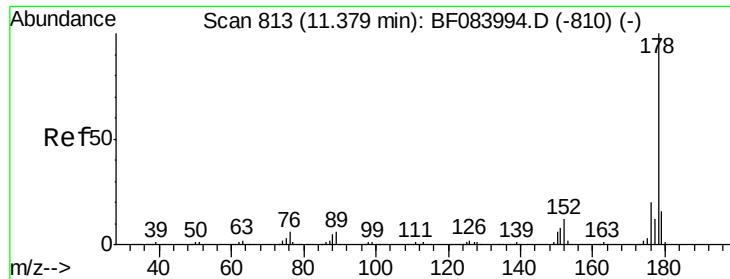
#66
 4-Bromophenyl-phenylether
 Concen: 4.98 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.24 min
 Lab File: BF084007.D
 Acq: 23 Dec 2015 00:05

Tgt Ion:248 Resp: 9114
 Ion Ratio Lower Upper
 248 100
 250 199.2 78.4 117.6#
 141 413.7 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





#70

Phenanthrene

Concen: 0.12 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF084007.D

Acq: 23 Dec 2015 00:05

Instrument :

BNA_F

ClientSampleId :

MW-3

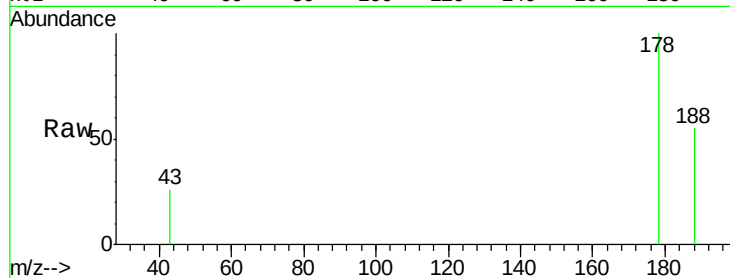
Tgt Ion:178 Resp: 1070

Ion Ratio Lower Upper

178 100

176 0.0 15.3 22.9#

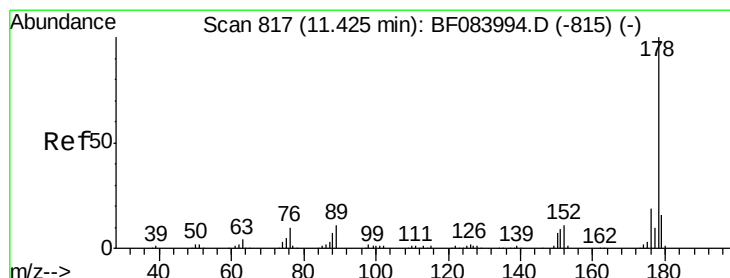
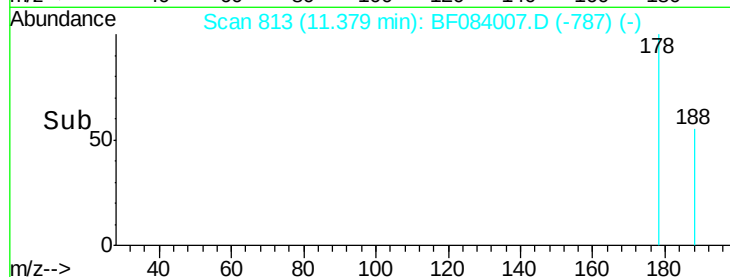
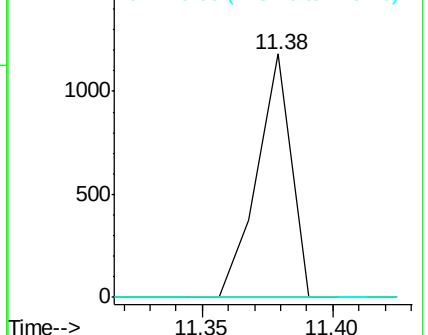
179 0.0 12.0 18.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 0.12 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.05 min

Lab File: BF084007.D

Acq: 23 Dec 2015 00:05

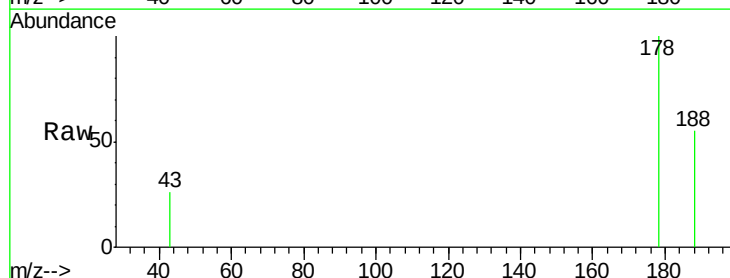
Tgt Ion:178 Resp: 1070

Ion Ratio Lower Upper

178 100

176 0.0 15.4 23.0#

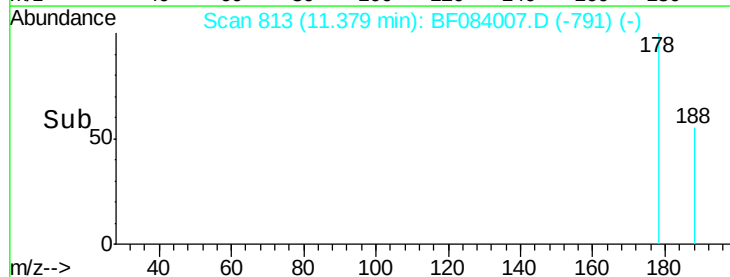
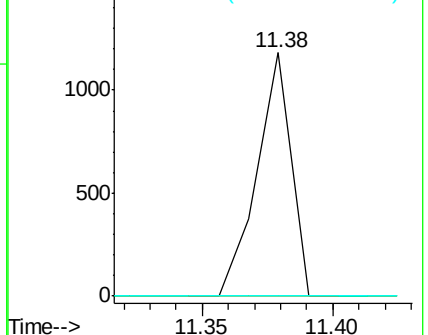
179 0.0 12.5 18.7#

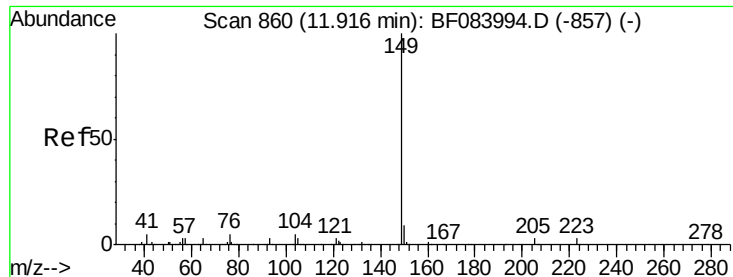


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Di-n-butylphthalate

Concen: 0.36 ng

RT: 11.92 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF084007.D

Acq: 23 Dec 2015 00:05

Instrument :

BNA_F

ClientSampleId :

MW-3

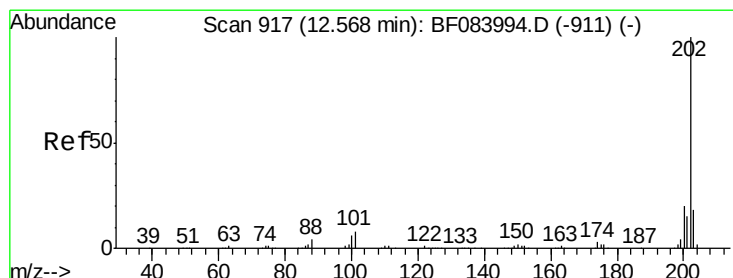
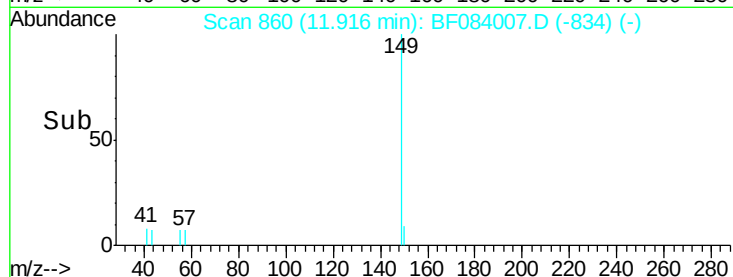
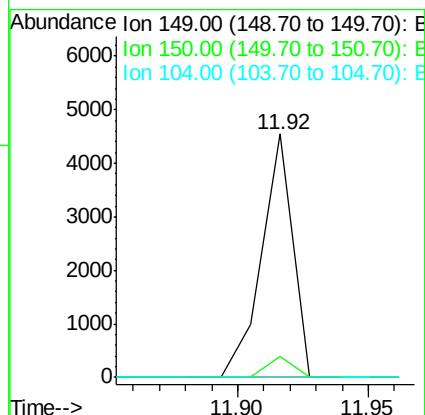
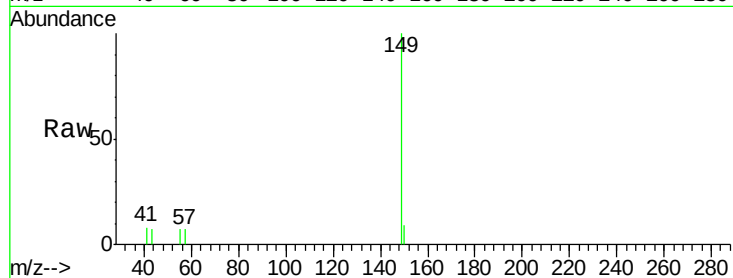
Tgt Ion:149 Resp: 3798

Ion Ratio Lower Upper

149 100

150 8.7 7.1 10.7

104 0.0 3.2 4.8#



#74

Fluoranthene

Concen: 0.03 ng

RT: 12.80 min Scan# 937

Delta R.T. 0.23 min

Lab File: BF084007.D

Acq: 23 Dec 2015 00:05

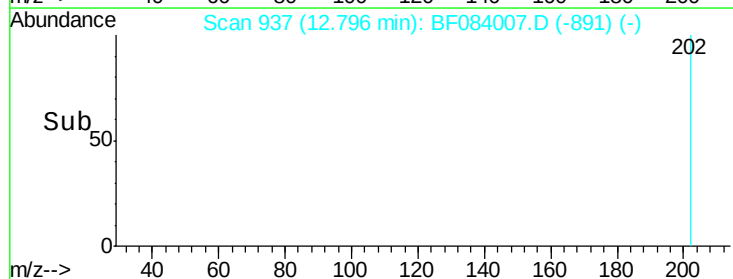
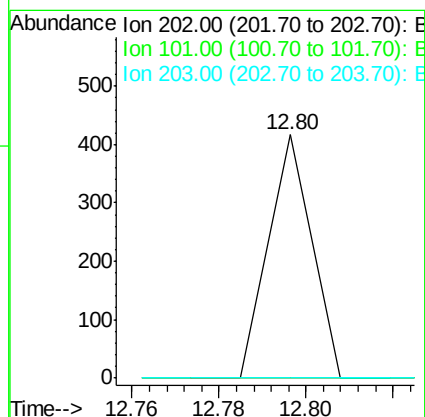
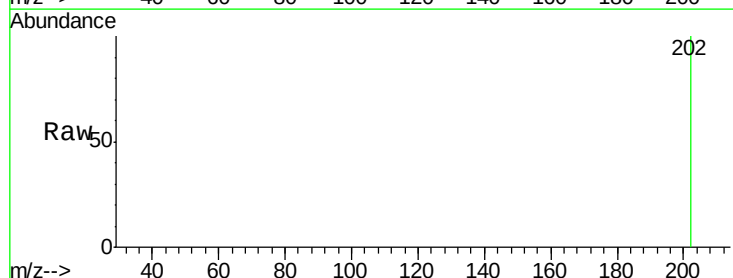
Tgt Ion:202 Resp: 286

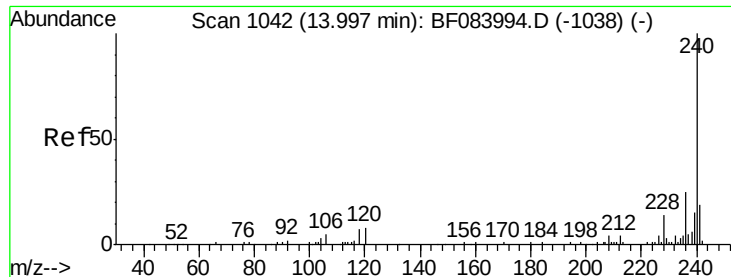
Ion Ratio Lower Upper

202 100

101 0.0 0.0 32.8

203 0.0 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF084007.D

Acq: 23 Dec 2015 00:05

Instrument :

BNA_F

ClientSampleId :

MW-3

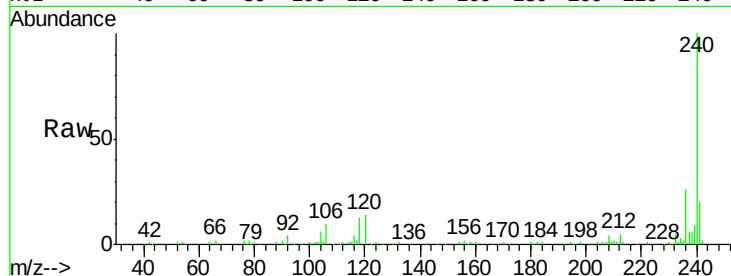
Tgt Ion:240 Resp: 156022

Ion Ratio Lower Upper

240 100

120 14.2 9.5 14.3

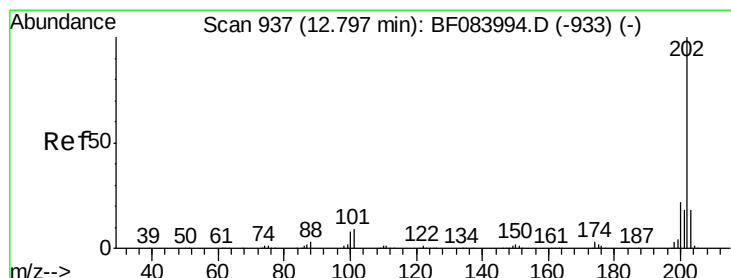
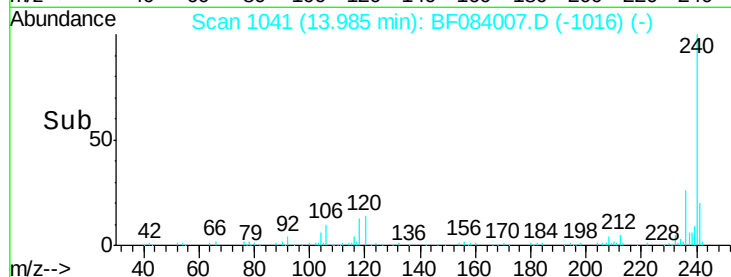
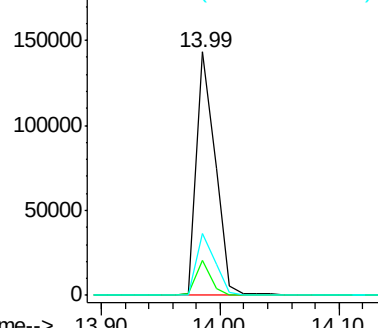
236 25.6 20.6 31.0



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



#77

Pyrene

Concen: 0.03 ng

RT: 12.80 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF084007.D

Acq: 23 Dec 2015 00:05

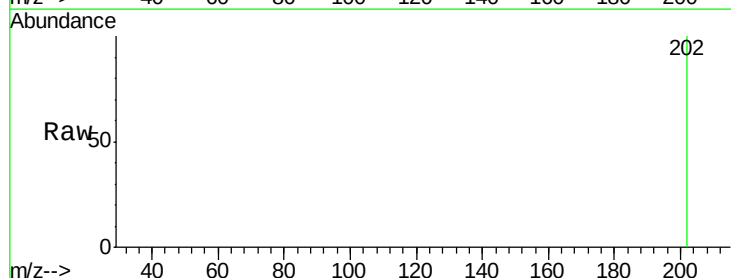
Tgt Ion:202 Resp: 286

Ion Ratio Lower Upper

202 100

200 0.0 17.2 25.8#

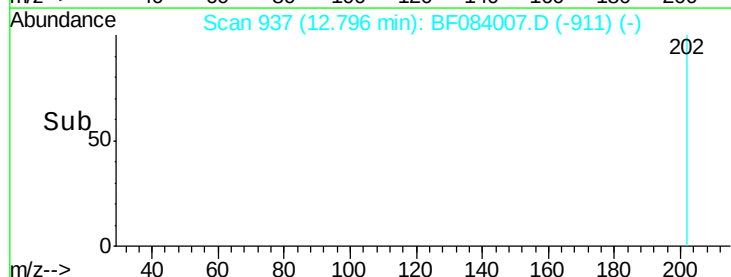
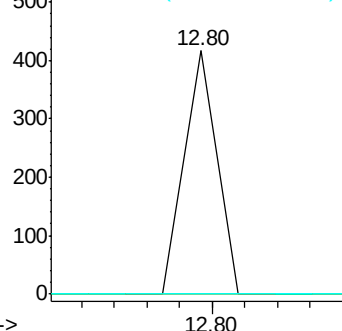
203 0.0 14.3 21.5#

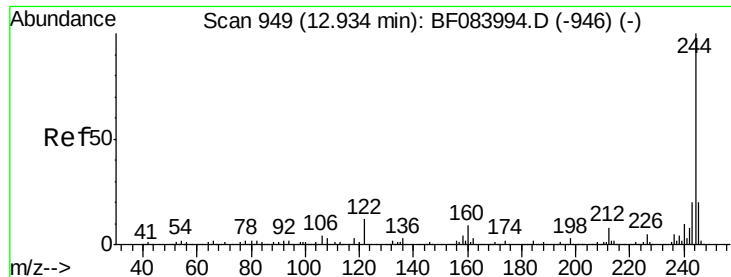


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 84.68 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF084007.D

Acq: 23 Dec 2015 00:05

Instrument :

BNA_F

ClientSampleId :

MW-3

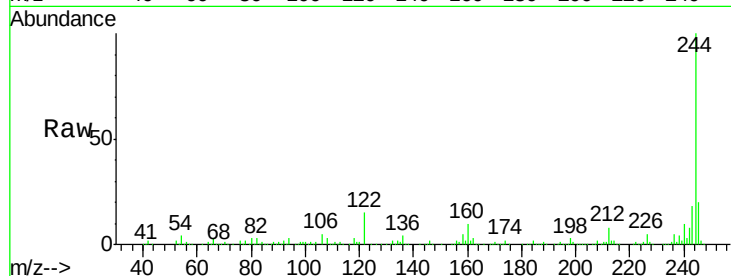
Tgt Ion:244 Resp: 554034

Ion Ratio Lower Upper

244 100

212 8.1 5.7 8.5

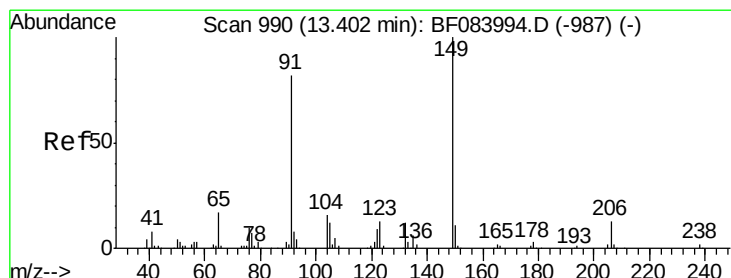
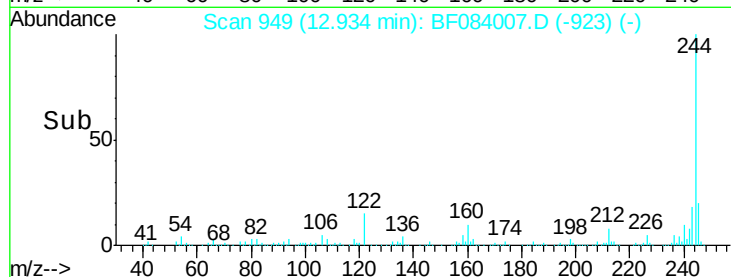
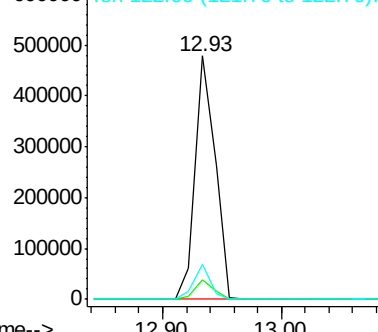
122 14.6 7.4 11.0#



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



#79

Butylbenzylphthalate

Concen: 0.23 ng

RT: 13.40 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF084007.D

Acq: 23 Dec 2015 00:05

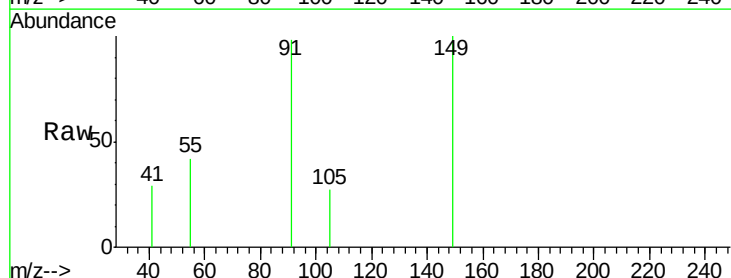
Tgt Ion:149 Resp: 1131

Ion Ratio Lower Upper

149 100

91 97.5 57.6 86.4#

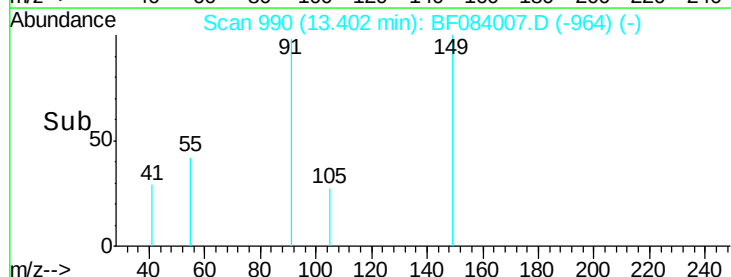
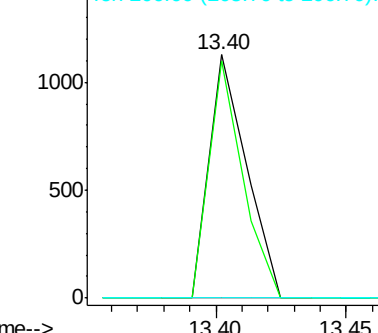
206 0.0 13.2 19.8#

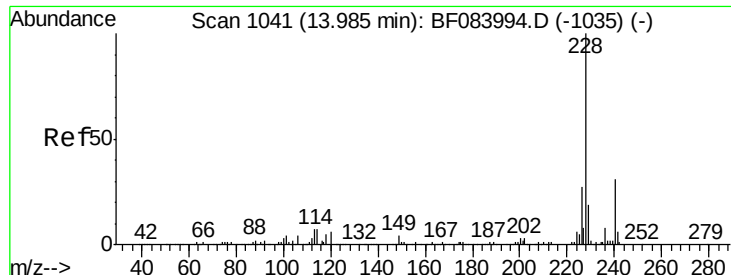


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.06 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF084007.D

Acq: 23 Dec 2015 00:05

Instrument :

BNA_F

ClientSampleId :

MW-3

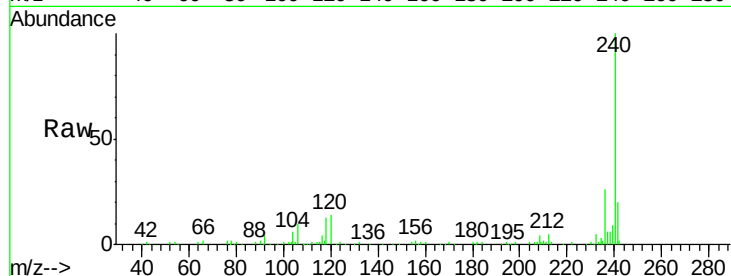
Tgt Ion:228 Resp: 529

Ion Ratio Lower Upper

228 100

226 0.0 21.8 32.6#

229 0.0 15.8 23.8#



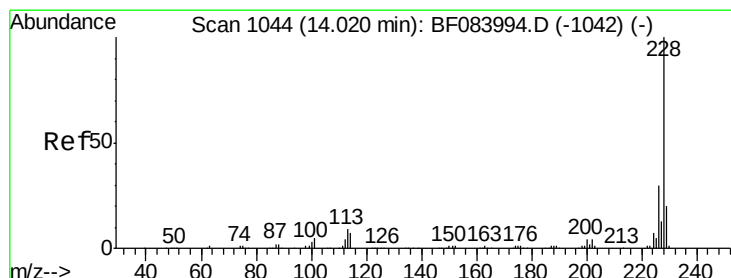
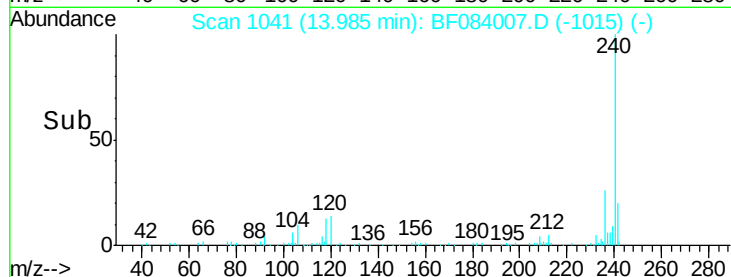
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

13.99

Time-->



#82

Chrysene

Concen: 0.06 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF084007.D

Acq: 23 Dec 2015 00:05

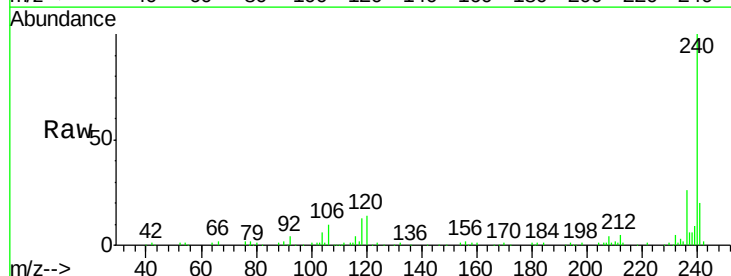
Tgt Ion:228 Resp: 529

Ion Ratio Lower Upper

228 100

226 0.0 24.3 36.5#

229 0.0 16.1 24.1#



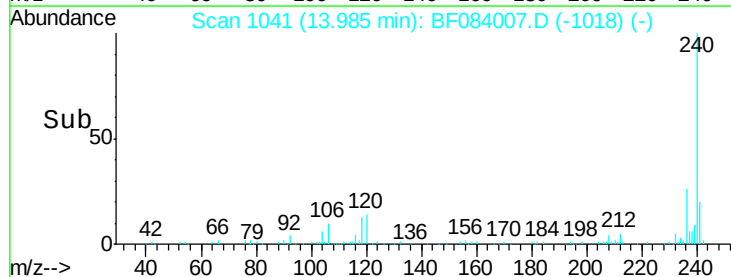
Abundance Ion 228.00 (227.70 to 228.70): E

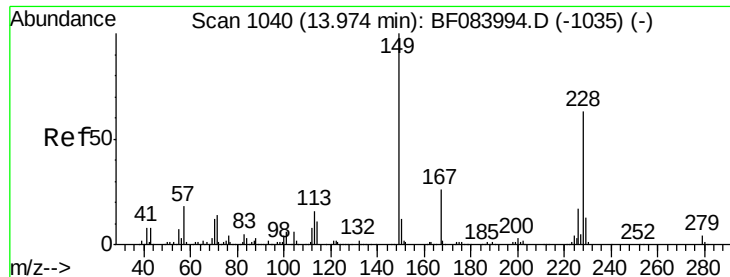
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

13.99

Time-->

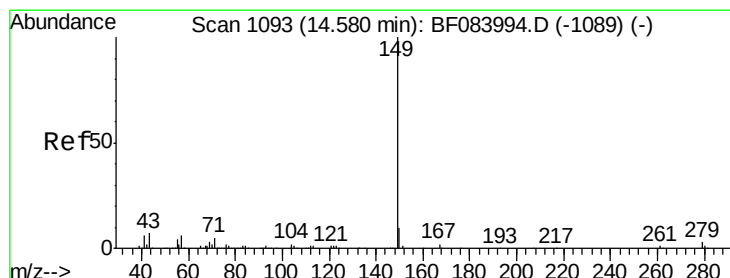
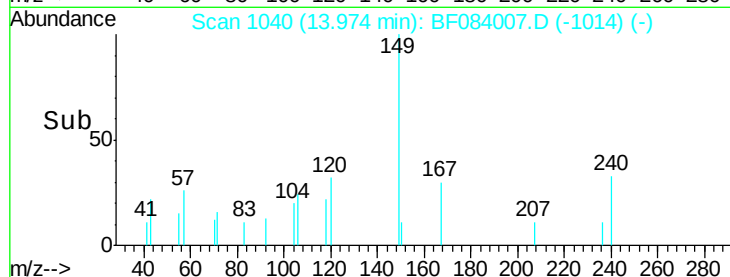
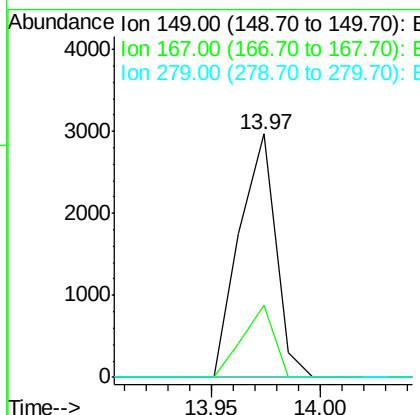
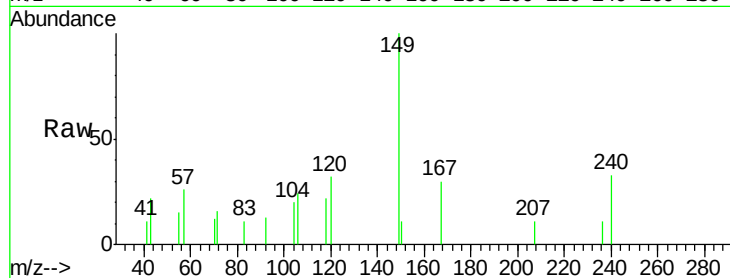




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.51 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF084007.D
 Acq: 23 Dec 2015 00:05

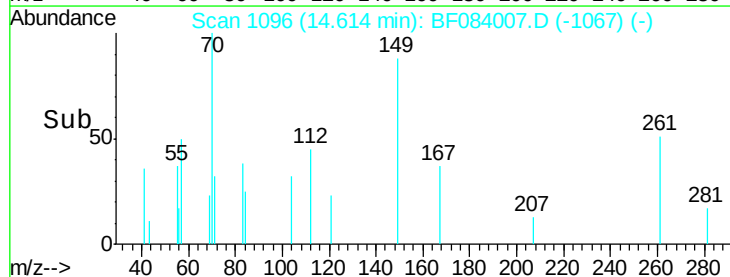
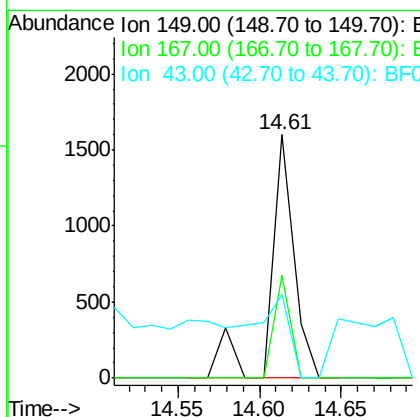
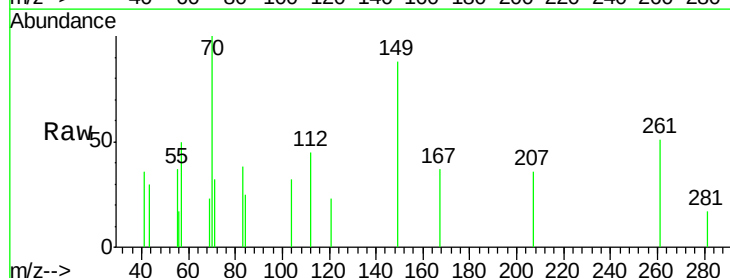
Instrument :
 BNA_F
 ClientSampleId :
 MW-3

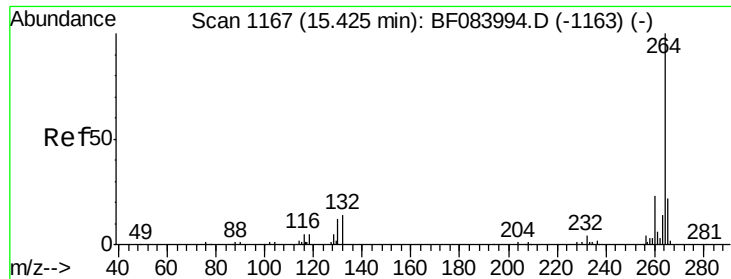
Tgt Ion:149 Resp: 3450
 Ion Ratio Lower Upper
 149 100
 167 29.9 19.7 29.5#
 279 0.0 1.8 2.6#



#84
 Di-n-octyl phthalate
 Concen: 0.15 ng
 RT: 14.61 min Scan# 1096
 Delta R.T. 0.03 min
 Lab File: BF084007.D
 Acq: 23 Dec 2015 00:05

Tgt Ion:149 Resp: 1573
 Ion Ratio Lower Upper
 149 100
 167 29.4 1.2 1.8#
 43 0.0 5.6 8.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF084007.D
Acq: 23 Dec 2015 00:05

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion: 264 Resp: 126619
Ion Ratio Lower Upper
264 100
260 23.5 19.4 29.2
265 22.3 17.8 26.6

