

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122215\
 Data File : BF084005.D
 Acq On : 22 Dec 2015 23:08
 Operator : UM/SJ
 Sample : G4894-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Dec 23 01:11:11 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	48968	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	194628	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	100184	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	175040	20.00	ng	0.00
75) Chrysene-d12	13.99	240	117927	20.00	ng	-0.01
86) Perylene-d12	15.43	264	113285	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	190633	66.38	ng	0.00
7) Phenol-d6	6.48	99	143802	42.59	ng	0.00
23) Nitrobenzene-d5	7.39	82	275966	87.11	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	153704	159.51	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	734267	98.64	ng	0.00
78) Terphenyl-d14	12.93	244	500214	101.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	1693403	1238.52	ng	99
4) n-Nitrosodimethylamine	2.94	42	1489	1.29	ng	# 1
6) Aniline	6.60	93	357	0.08	ng	# 1
9) Benzaldehyde	6.60	77	8215	3.64	ng	89
10) Phenol	6.49	94	1553	0.40	ng	# 66
11) bis(2-Chloroethyl)ether	6.60	93	357	0.12	ng	# 1
12) 1,3-Dichlorobenzene	7.00	146	263	0.07	ng	# 29
13) 1,4-Dichlorobenzene	7.00	146	263	0.07	ng	# 53
14) 1,2-Dichlorobenzene	7.00	146	263	0.08	ng	# 55
15) Benzyl Alcohol	6.99	79	5095	1.92	ng	# 38
16) 2,2'-oxybis(1-Chloropropan	7.12	45	5529	1.92	ng	60
18) Hexachloroethane	7.40	117	3703	2.81	ng	# 15
19) n-Nitroso-di-n-propylamine	7.39	70	38473	18.80	ng	# 74
22) Acetophenone	7.23	105	2965	0.65	ng	# 51
24) Nitrobenzene	7.39	77	2347	0.72	ng	# 37
25) Isophorone	7.39	82	247574	41.24	ng	# 66
26) 2-Nitrophenol	7.65	139	280	0.16	ng	# 38
28) bis(2-Chloroethoxy)methane	7.69	93	625	0.17	ng	# 47
31) Naphthalene	8.13	128	649	0.07	ng	# 68
33) 4-Chloroaniline	8.24	127	280	0.07	ng	# 1
45) 1,1'-Biphenyl	9.20	154	1637	0.18	ng	# 1
47) 2-Nitroaniline	9.40	65	4720	2.72	ng	# 31
48) Acenaphthylene	9.48	152	256	0.03	ng	# 60
49) Dimethylphthalate	9.58	163	25926	3.31	ng	# 88
50) 2,6-Dinitrotoluene	9.87	165	13179	7.97	ng	# 39
51) Acenaphthene	9.87	154	348	0.06	ng	# 4
54) Dibenzofuran	10.08	168	649	0.07	ng	# 71
55) 4-Nitrophenol	10.05	139	564	0.55	ng	# 40
56) 2,4-Dinitrotoluene	9.87	165	13180	6.34	ng	# 23
57) Fluorene	10.42	166	414	0.06	ng	# 93
59) Diethylphthalate	10.29	149	883	0.11	ng	# 60
61) 4-Nitroaniline	10.51	138	1346	0.75	ng	# 38
62) Azobenzene	10.59	77	2002	0.29	ng	# 34
65) n-Nitrosodiphenylamine	10.51	169	751	0.12	ng	# 1

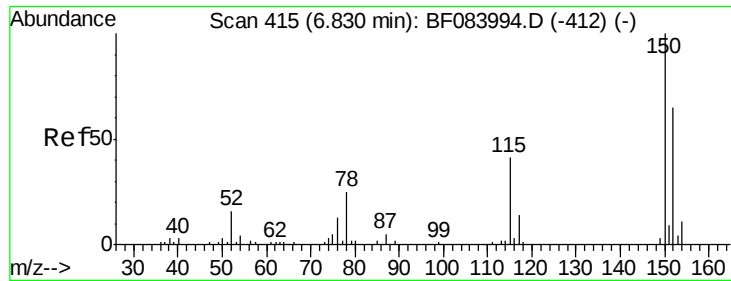
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122215\
Data File : BF084005.D
Acq On : 22 Dec 2015 23:08
Operator : UM/SJ
Sample : G4894-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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Quant Time: Dec 23 01:11:11 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)
66) 4-Bromophenyl-phenylether	10.66	248	10502	5.23	ng	# 1
70) Phenanthrene	11.38	178	1012	0.10	ng	# 60
71) Anthracene	11.38	178	1012	0.10	ng	# 60
73) Di-n-butylphthalate	11.92	149	1171	0.10	ng	# 79
77) Pyrene	12.93	202	1775	0.22	ng	# 60
83) Bis(2-ethylhexyl)phthalate	13.97	149	694	0.14	ng	# 54
84) Di-n-octyl phthalate	14.58	149	241	0.03	ng	# 83

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF084005.D

Acq: 22 Dec 2015 23:08

Instrument :

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ClientSampleId :

MW-1

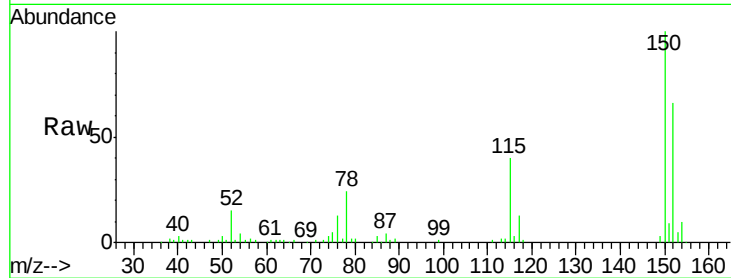
Tgt Ion:152 Resp: 48968

Ion Ratio Lower Upper

152 100

150 152.3 123.0 184.4

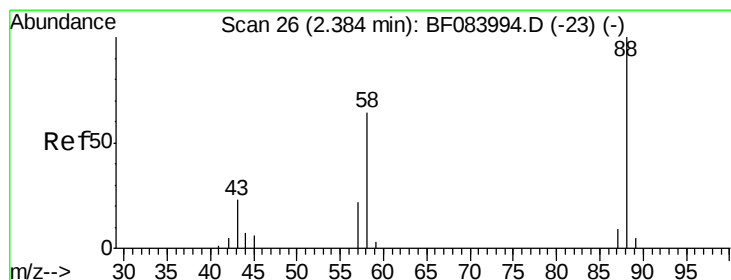
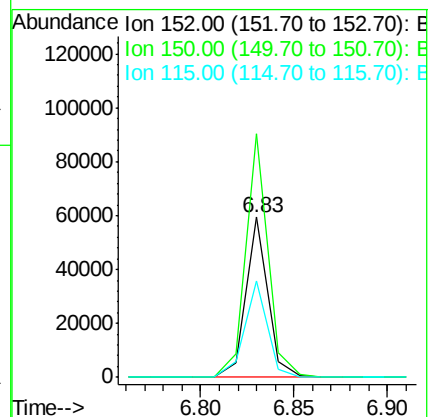
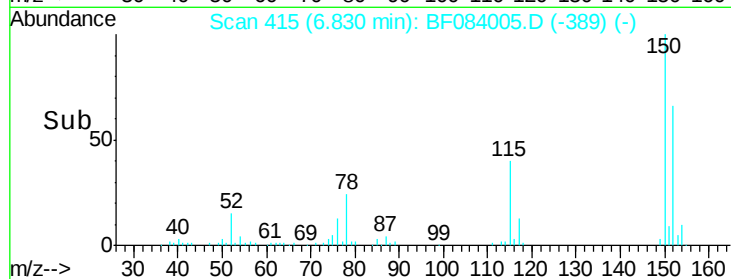
115 60.6 51.4 77.2



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



#2

1,4-Dioxane

Concen: 1238.52 ng

RT: 2.49 min Scan# 35

Delta R.T. 0.10 min

Lab File: BF084005.D

Acq: 22 Dec 2015 23:08

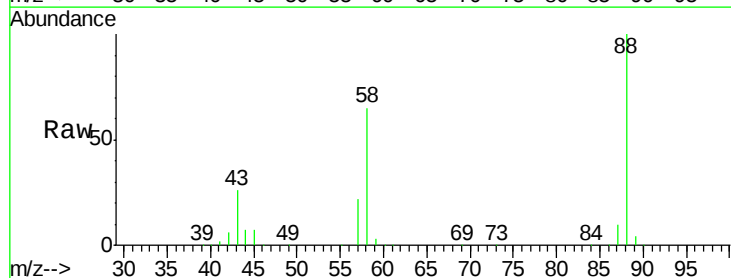
Tgt Ion: 88 Resp: 1693403

Ion Ratio Lower Upper

88 100

58 64.4 51.2 76.8

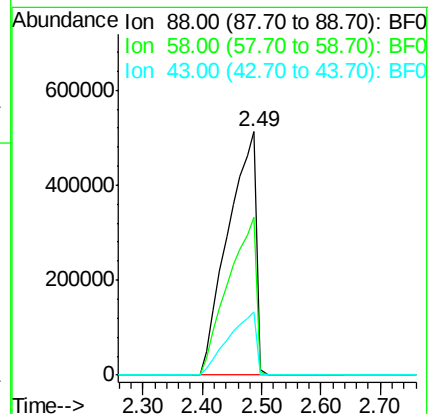
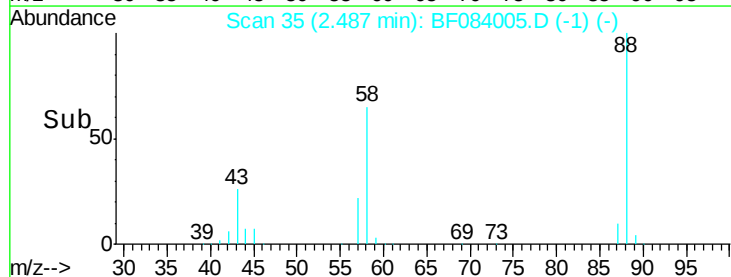
43 25.3 19.5 29.3

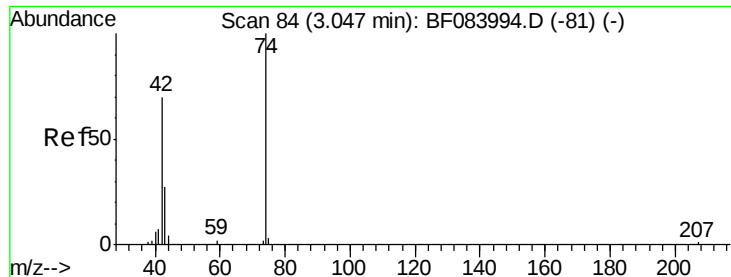


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 1.29 ng

RT: 2.94 min Scan# 75

Delta R.T. -0.10 min

Lab File: BF084005.D

Acq: 22 Dec 2015 23:08

Instrument :

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ClientSampleId :

MW-1

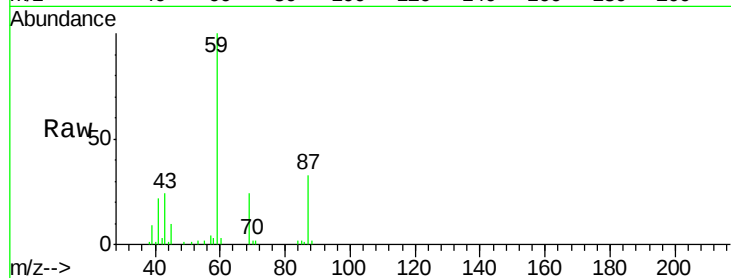
Tgt Ion: 42 Resp: 1489

Ion Ratio Lower Upper

42 100

74 0.0 115.7 173.5#

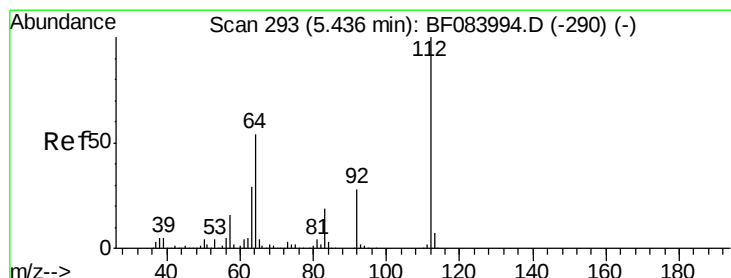
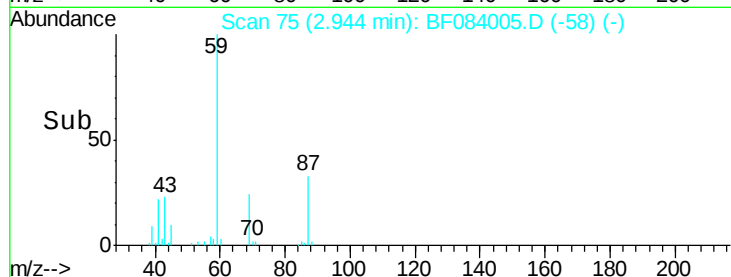
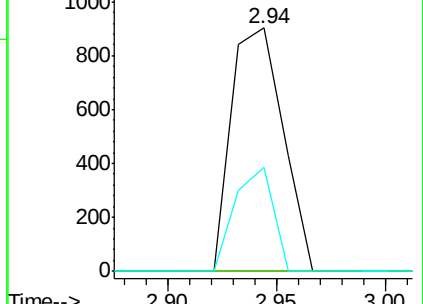
44 43.0 5.1 7.7#



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0



#5

2-Fluorophenol

Concen: 66.38 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.00 min

Lab File: BF084005.D

Acq: 22 Dec 2015 23:08

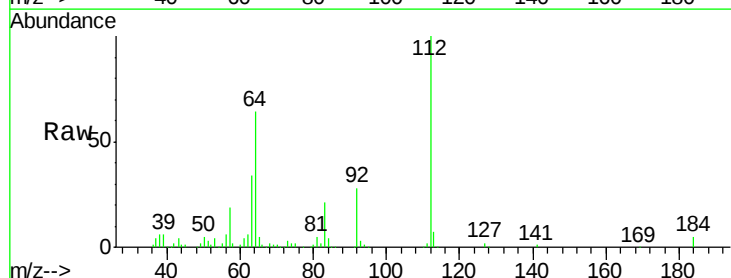
Tgt Ion: 112 Resp: 190633

Ion Ratio Lower Upper

112 100

64 63.5 36.6 55.0#

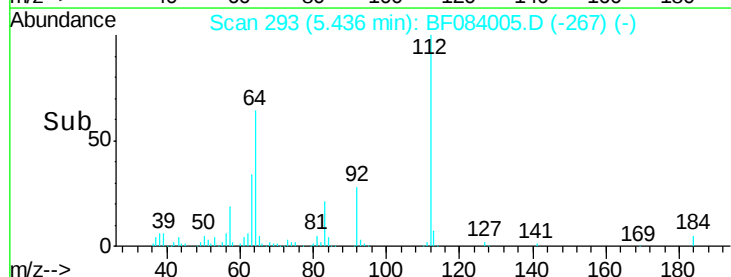
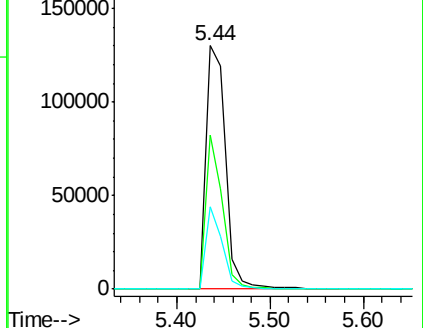
63 34.0 19.4 29.0#

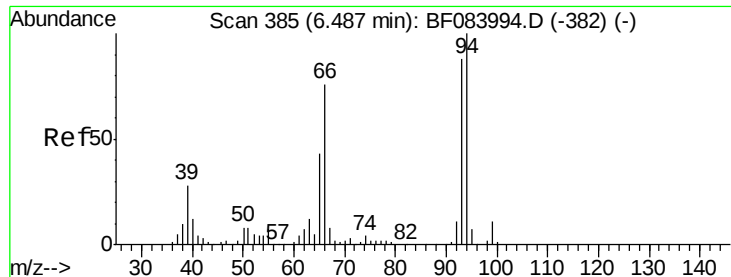


Abundance Ion 112.00 (111.70 to 112.70): E

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: BF084005.D

Acq: 22 Dec 2015 23:08

Instrument :

BNA_F

ClientSampleId :

MW-1

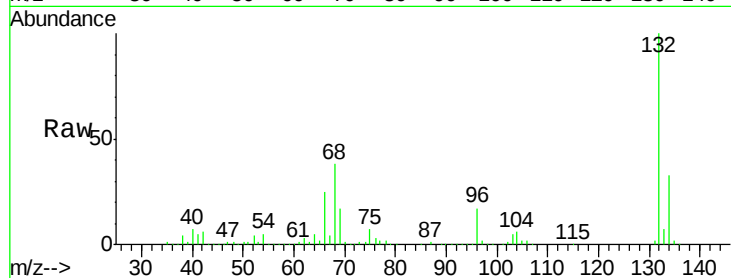
Tgt Ion: 93 Resp: 357

Ion Ratio Lower Upper

93 100

66 19620.0 44.9 67.3#

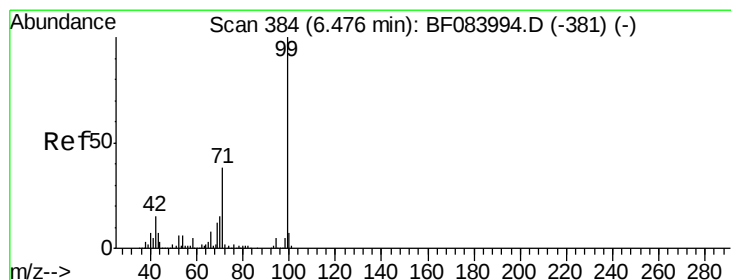
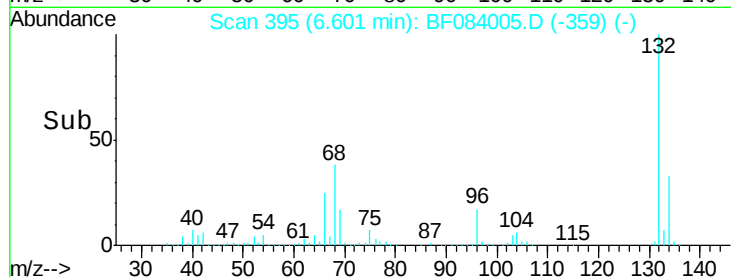
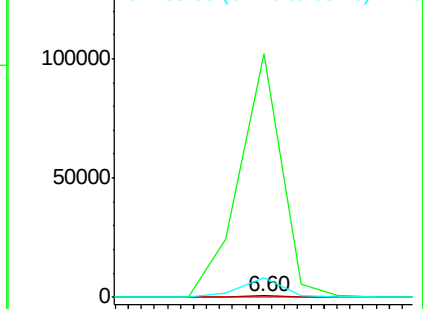
65 1585.2 23.7 35.5#



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: 42.59 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084005.D

Acq: 22 Dec 2015 23:08

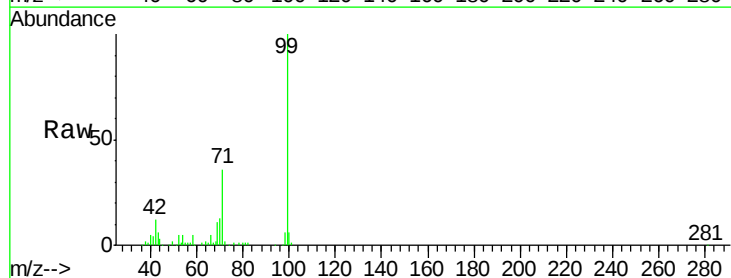
Tgt Ion: 99 Resp: 143802

Ion Ratio Lower Upper

99 100

42 12.2 12.8 19.2#

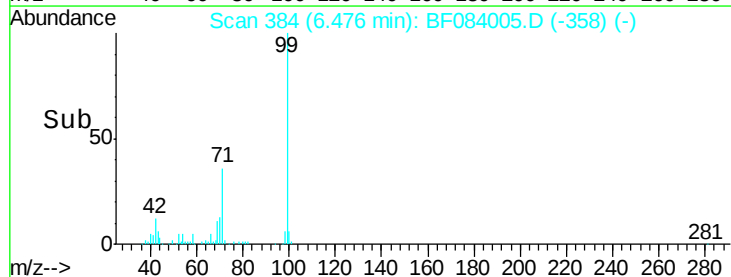
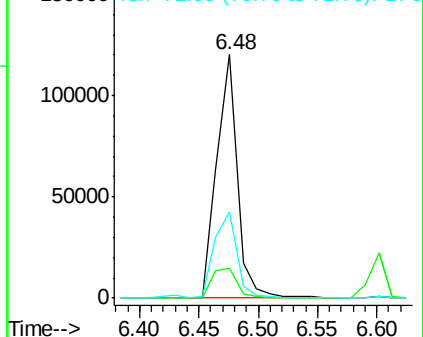
71 35.6 30.9 46.3

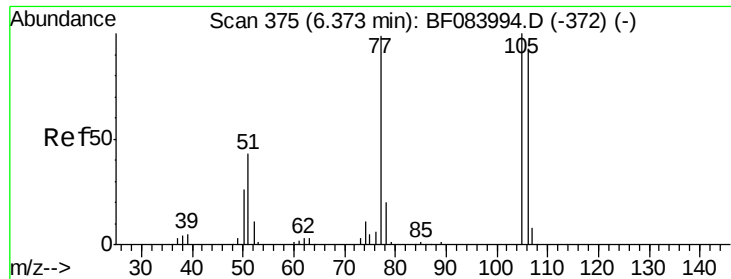


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 3.64 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.23 min

Lab File: BF084005.D

Acq: 22 Dec 2015 23:08

Instrument :

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ClientSampleId :

MW-1

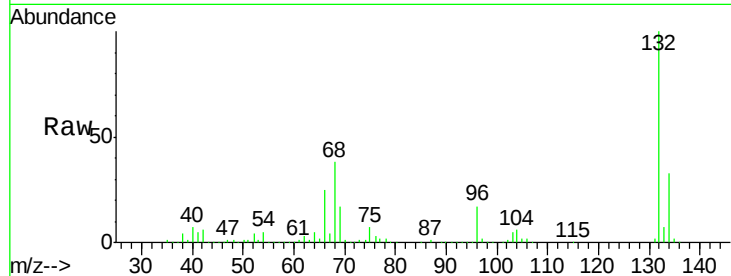
Tgt Ion: 77 Resp: 8215

Ion Ratio Lower Upper

77 100

105 86.9 83.0 123.0

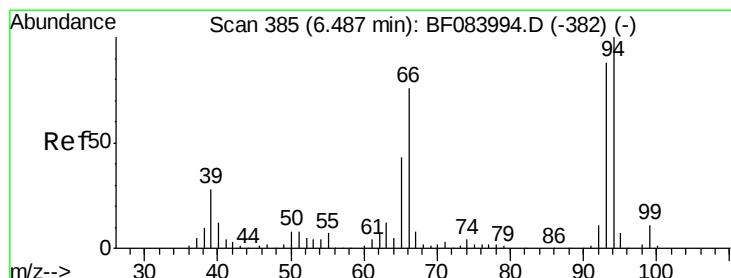
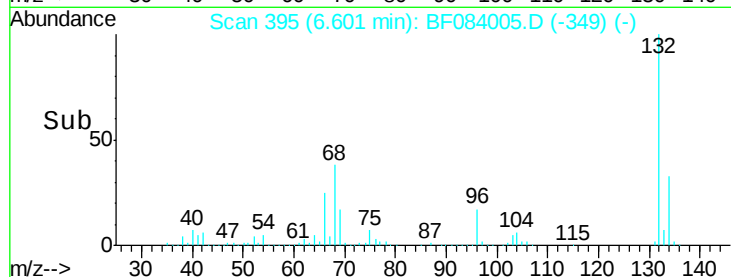
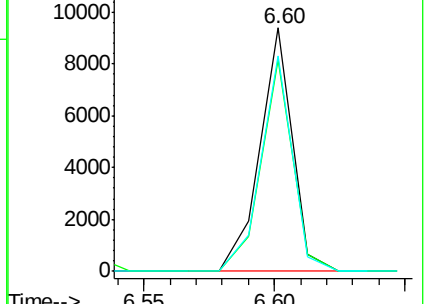
106 88.2 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 0.40 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF084005.D

Acq: 22 Dec 2015 23:08

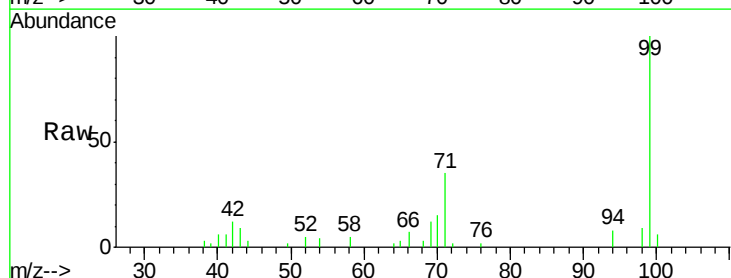
Tgt Ion: 94 Resp: 1553

Ion Ratio Lower Upper

94 100

65 37.5 12.9 52.9

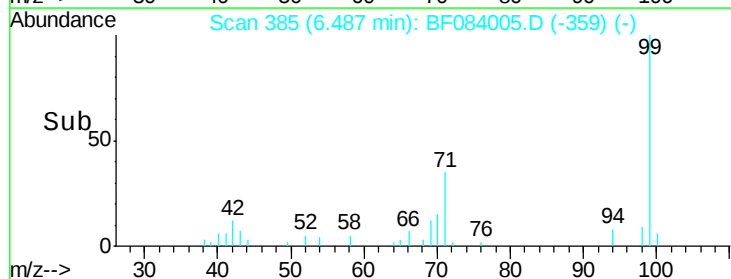
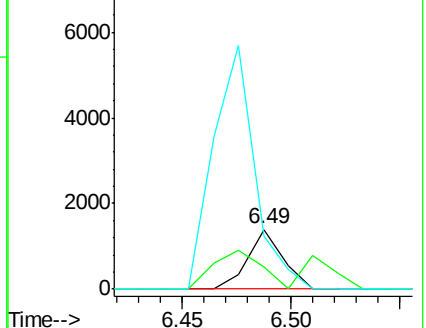
66 88.4 32.7 72.7#

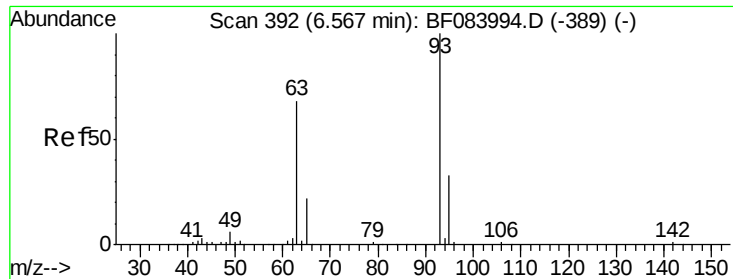


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

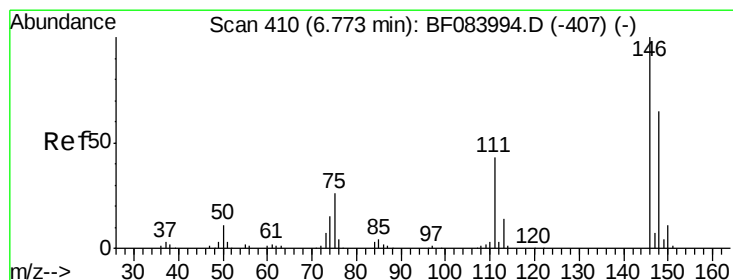
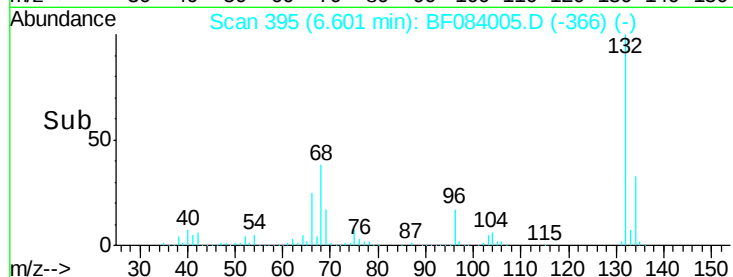
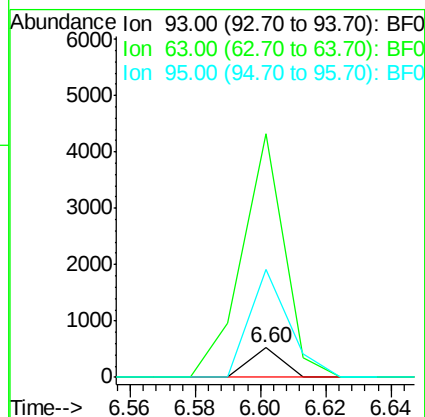
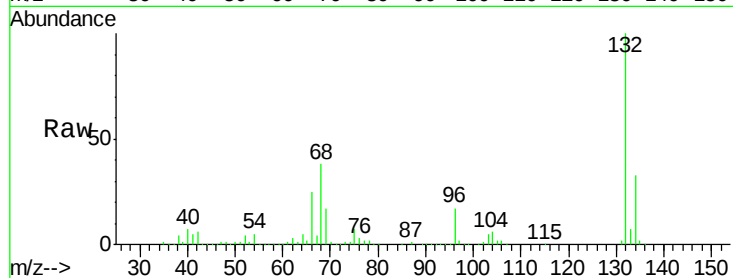




#11
bis(2-Chloroethyl)ether
Concen: 0.12 ng
RT: 6.60 min Scan# 395
Delta R.T. 0.03 min
Lab File: BF084005.D
Acq: 22 Dec 2015 23:08

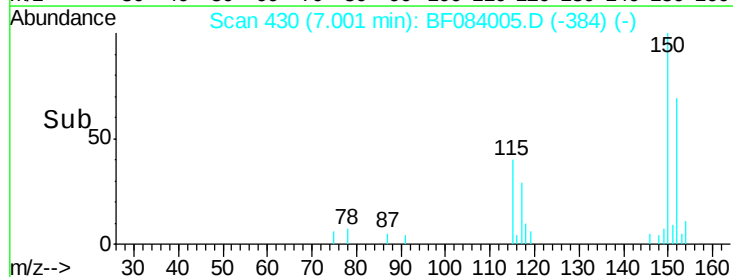
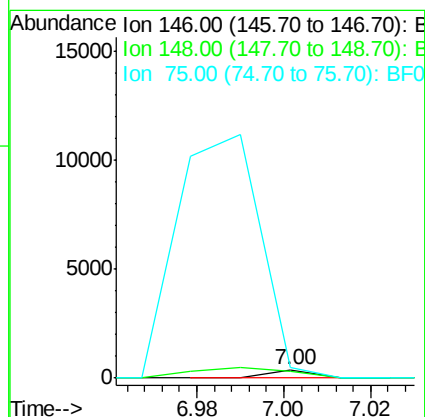
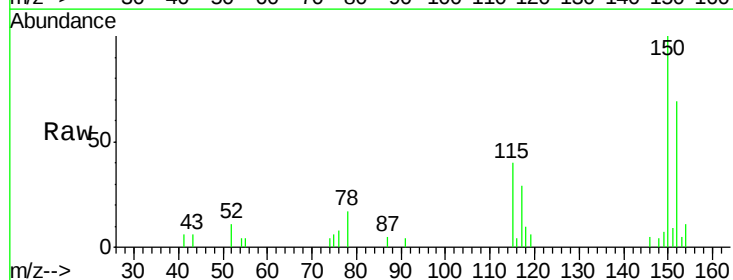
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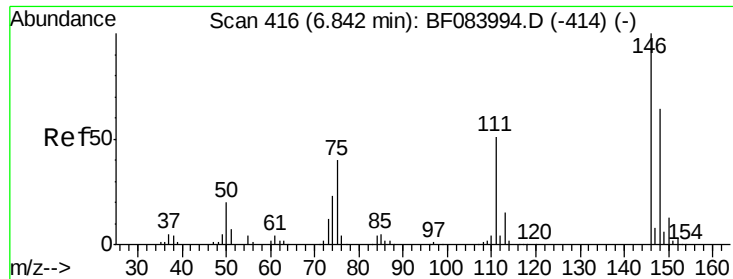
Tgt Ion: 93 Resp: 357
Ion Ratio Lower Upper
93 100
63 831.2 45.9 85.9#
95 369.2 12.3 52.3#



#12
1,3-Dichlorobenzene
Concen: 0.07 ng
RT: 7.00 min Scan# 430
Delta R.T. 0.23 min
Lab File: BF084005.D
Acq: 22 Dec 2015 23:08

Tgt Ion: 146 Resp: 263
Ion Ratio Lower Upper
146 100
148 84.9 51.9 77.9#
75 120.9 20.5 30.7#

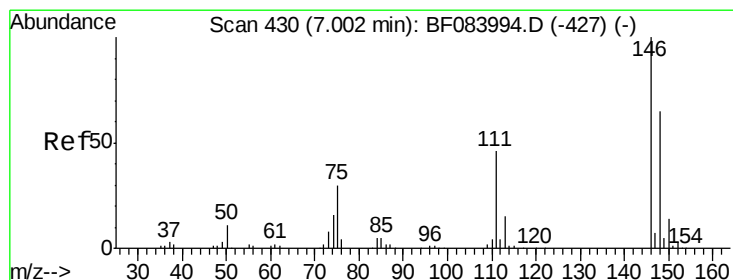
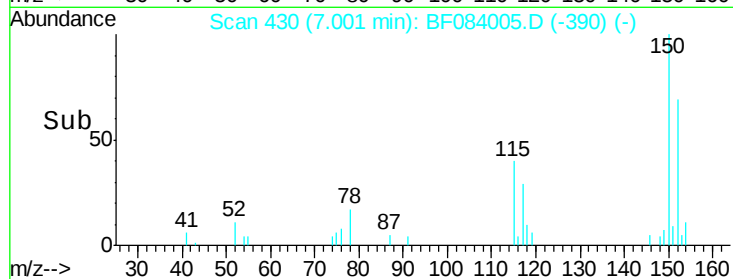
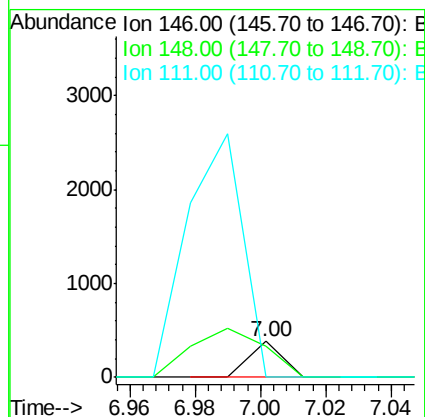
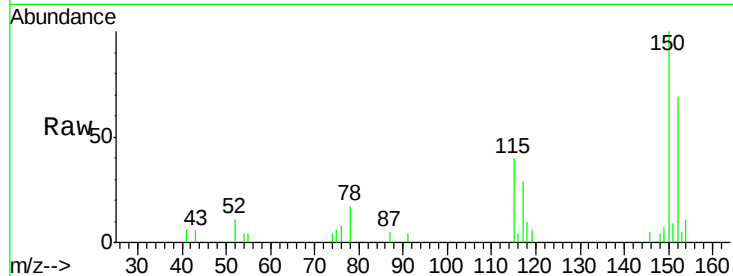




#13
 1,4-Dichlorobenzene
 Concen: 0.07 ng
 RT: 7.00 min Scan# 430
 Delta R.T. 0.16 min
 Lab File: BF084005.D
 Acq: 22 Dec 2015 23:08

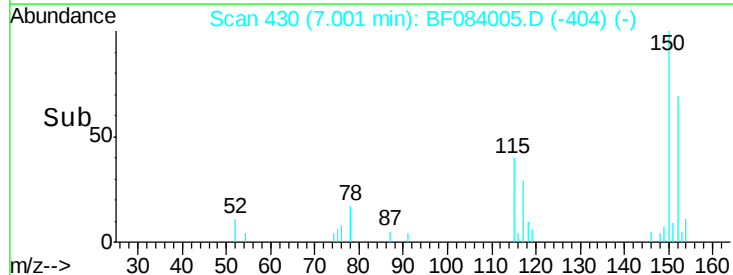
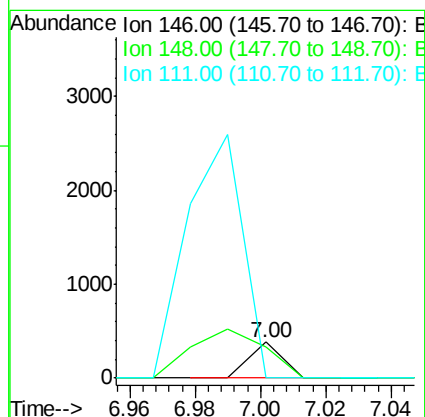
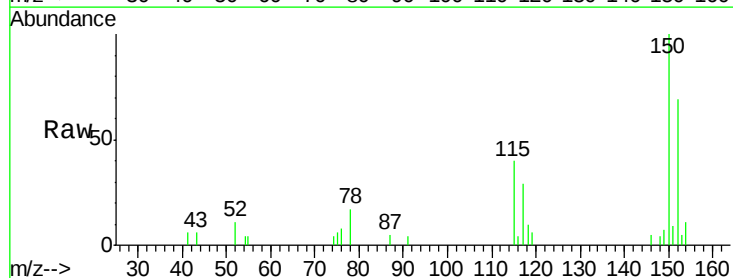
Instrument :
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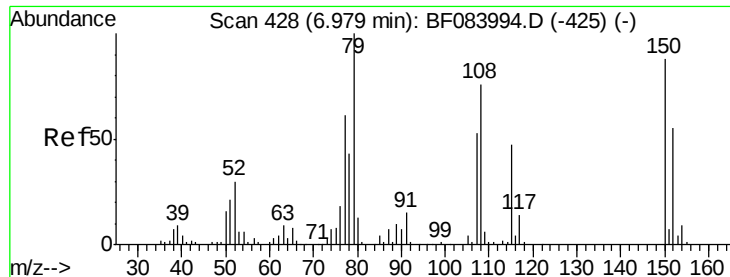
Tgt Ion:146 Resp: 263
 Ion Ratio Lower Upper
 146 100
 148 84.9 51.9 77.9#
 111 0.0 41.6 62.4#



#14
 1,2-Dichlorobenzene
 Concen: 0.08 ng
 RT: 7.00 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: BF084005.D
 Acq: 22 Dec 2015 23:08

Tgt Ion:146 Resp: 263
 Ion Ratio Lower Upper
 146 100
 148 84.9 51.6 77.4#
 111 0.0 38.0 57.0#





#15

Benzyl Alcohol

Concen: 1.92 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.01 min

Lab File: BF084005.D

Acq: 22 Dec 2015 23:08

Instrument :

BNA_F

ClientSampleId :

MW-1

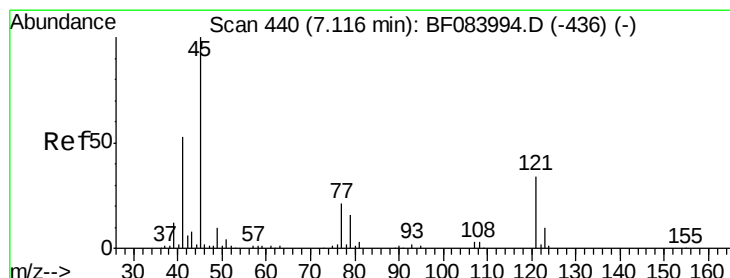
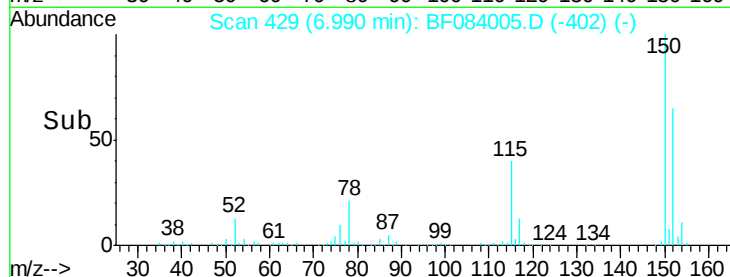
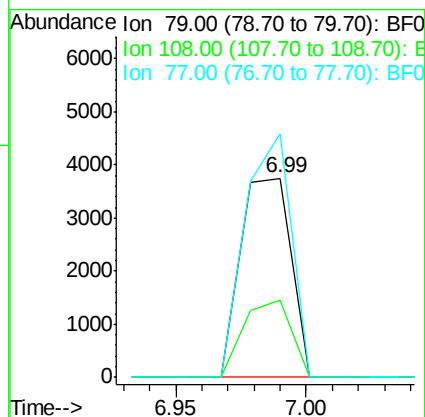
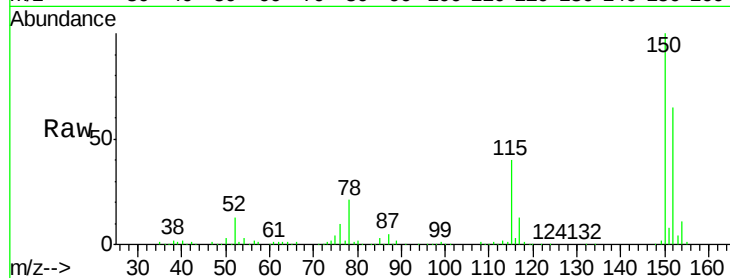
Tgt Ion: 79 Resp: 5095

Ion Ratio Lower Upper

79 100

108 39.0 69.0 103.4#

77 122.2 50.0 75.0#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 1.92 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF084005.D

Acq: 22 Dec 2015 23:08

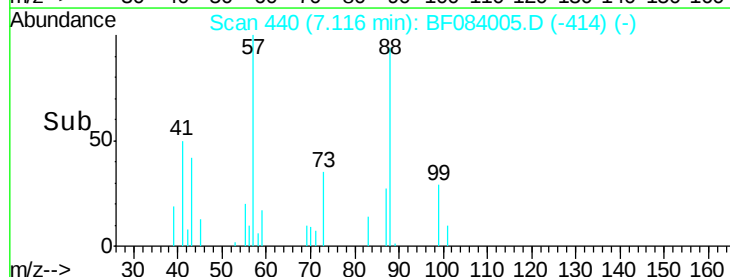
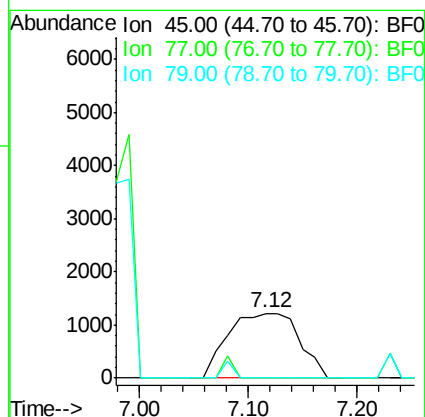
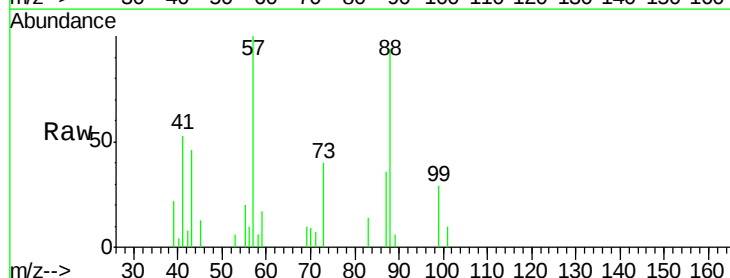
Tgt Ion: 45 Resp: 5529

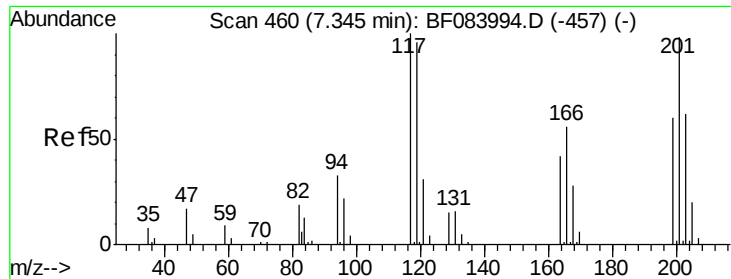
Ion Ratio Lower Upper

45 100

77 0.0 0.0 39.6

79 0.0 0.0 35.0

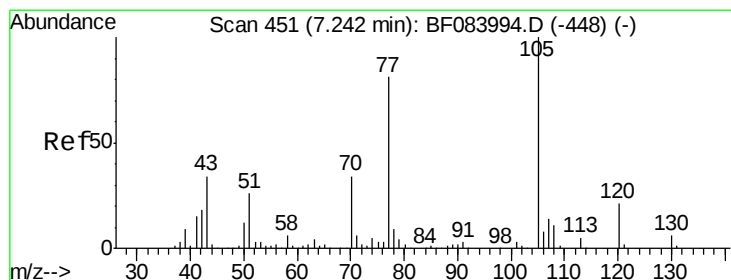
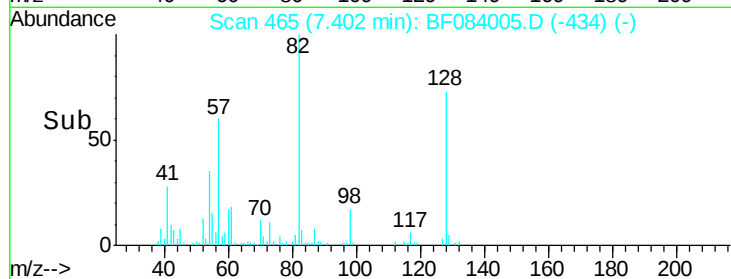
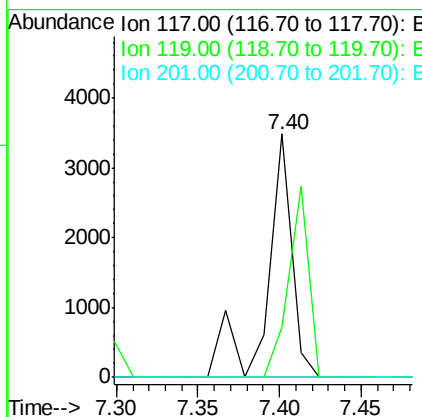
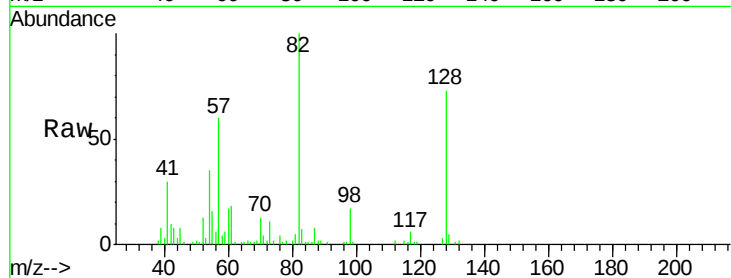




#18
Hexachloroethane
Concen: 2.81 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.06 min
Lab File: BF084005.D
Acq: 22 Dec 2015 23:08

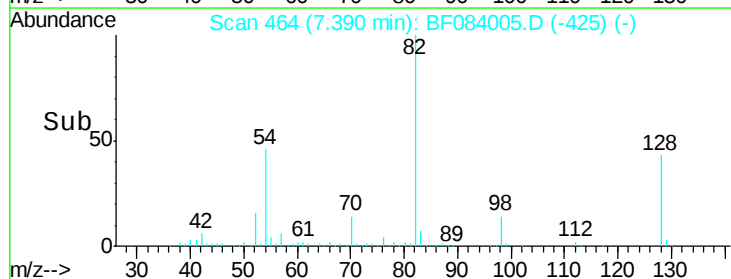
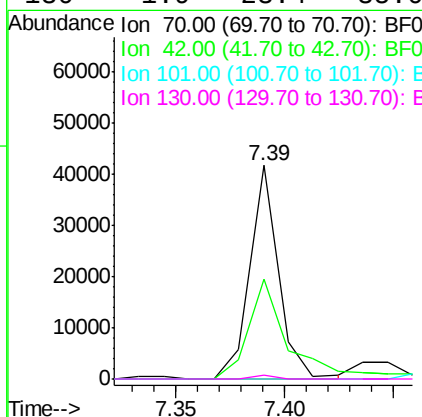
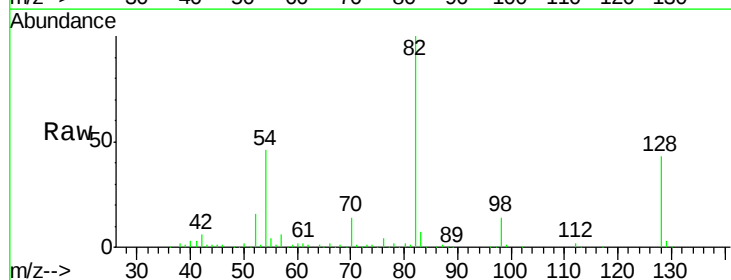
Instrument :
BNA_F
ClientSampleId :
MW-1

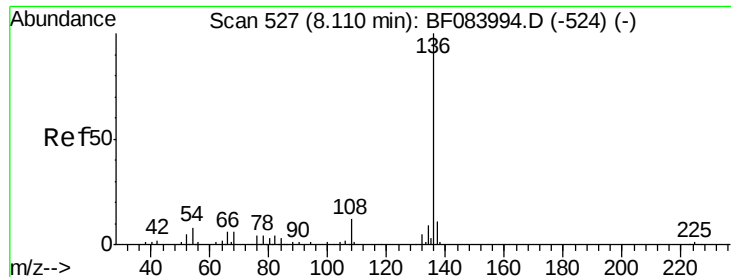
Tgt Ion: 117 Resp: 3703
Ion Ratio Lower Upper
117 100
119 20.4 77.4 116.0#
201 0.0 68.6 103.0#



#19
n-Nitroso-di-n-propylamine
Concen: 18.80 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.15 min
Lab File: BF084005.D
Acq: 22 Dec 2015 23:08

Tgt Ion: 70 Resp: 38473
Ion Ratio Lower Upper
70 100
42 46.5 33.3 49.9
101 0.0 9.3 13.9#
130 1.9 23.4 35.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084005.D

Acq: 22 Dec 2015 23:08

Instrument :

BNA_F

ClientSampleId :

MW-1

Tgt Ion:136 Resp: 194628

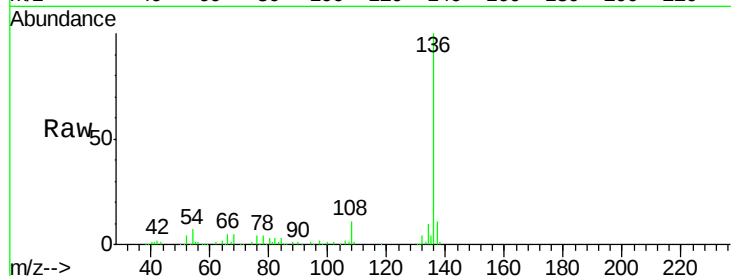
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 6.5 5.8 8.8

68 5.2 4.2 6.2

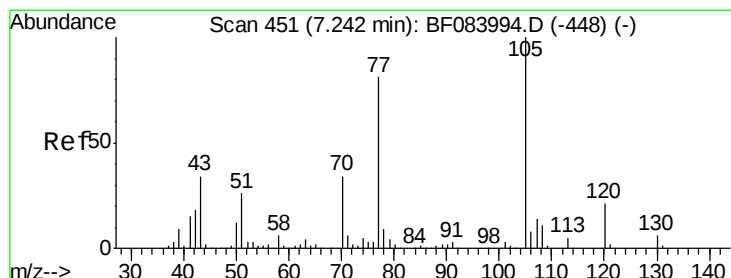
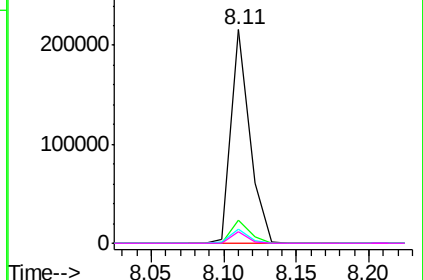
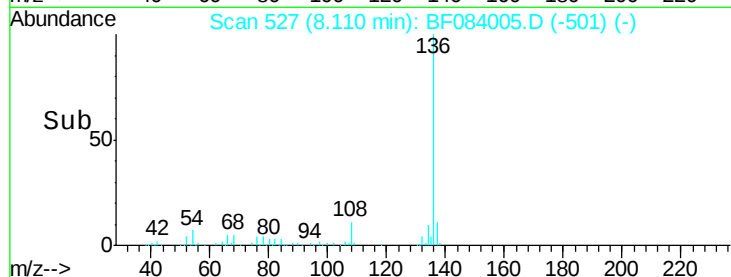


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 0.65 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.01 min

Lab File: BF084005.D

Acq: 22 Dec 2015 23:08

Tgt Ion:105 Resp: 2965

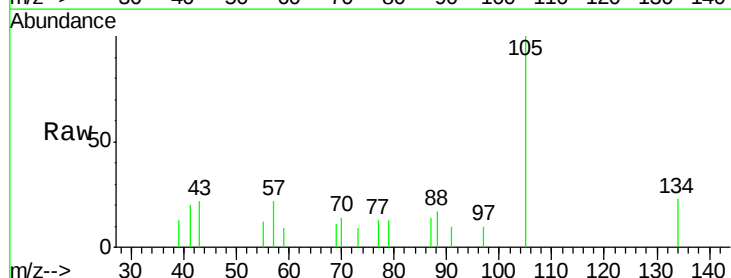
Ion Ratio Lower Upper

105 100

71 0.0 3.7 5.5#

51 0.0 25.1 37.7#

120 0.0 16.6 25.0#

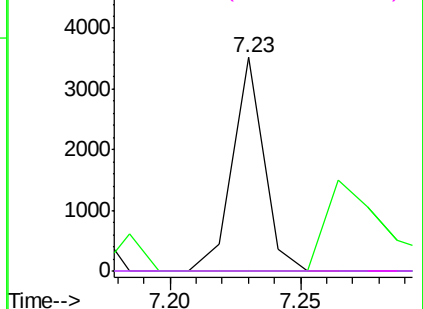
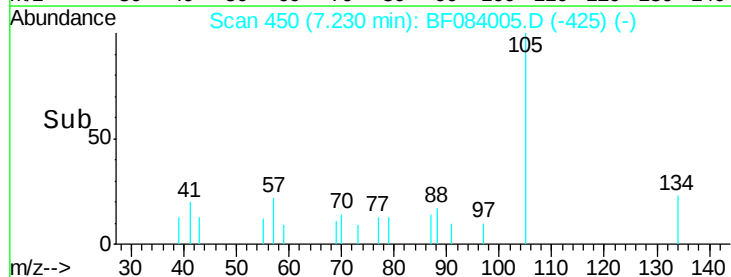


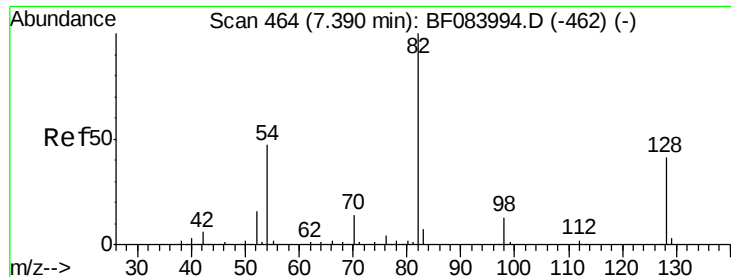
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

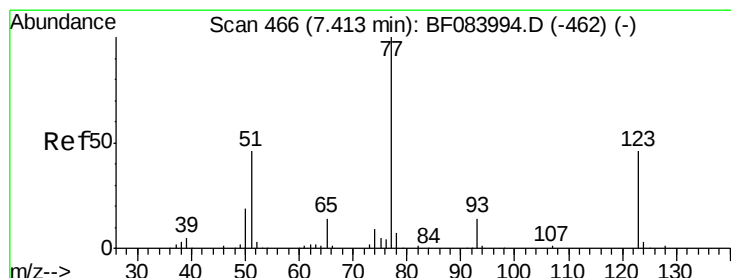
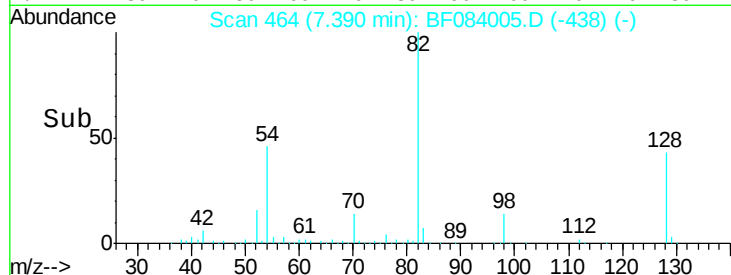
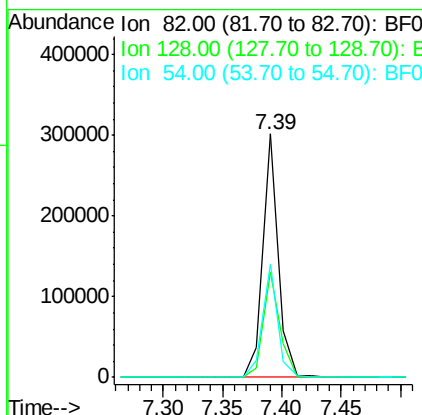
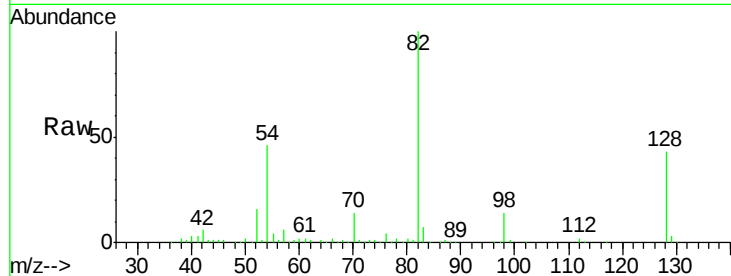




#23
 Nitrobenzene-d5
 Concen: 87.11 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF084005.D
 Acq: 22 Dec 2015 23:08

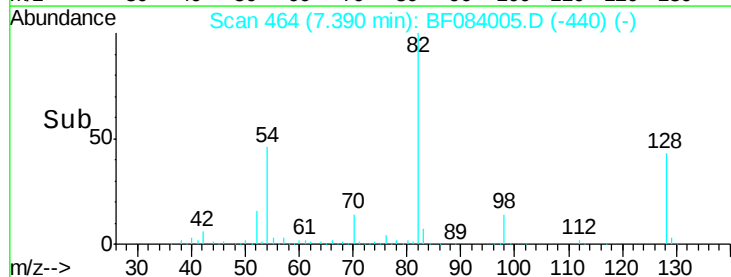
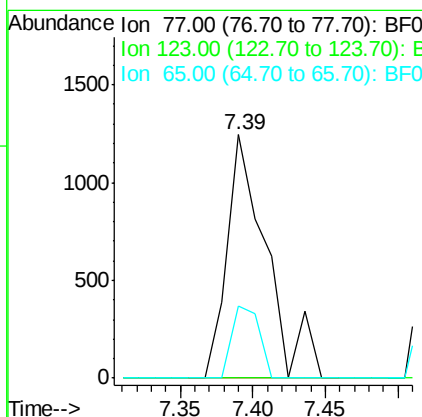
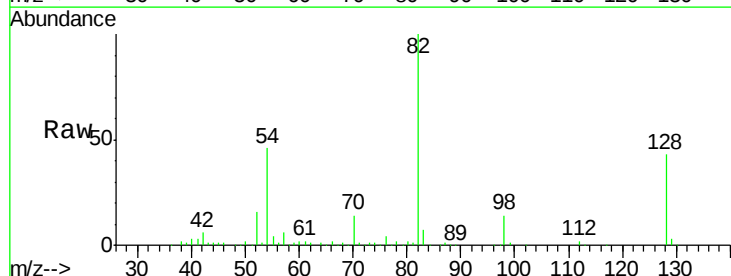
Instrument :
 BNA_F
 ClientSampleId :
 MW-1

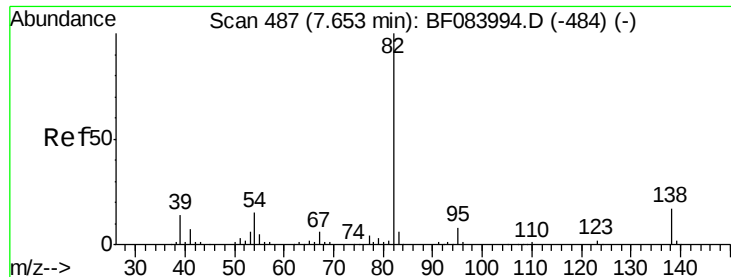
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.6	51.8
54	46.3	38.4	57.6



#24
 Nitrobenzene
 Concen: 0.72 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.02 min
 Lab File: BF084005.D
 Acq: 22 Dec 2015 23:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.4	56.2#
65	29.7	10.9	16.3#





#25

Isophorone

Concen: 41.24 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.26 min

Lab File: BF084005.D

Acq: 22 Dec 2015 23:08

Instrument :

BNA_F

ClientSampleId :

MW-1

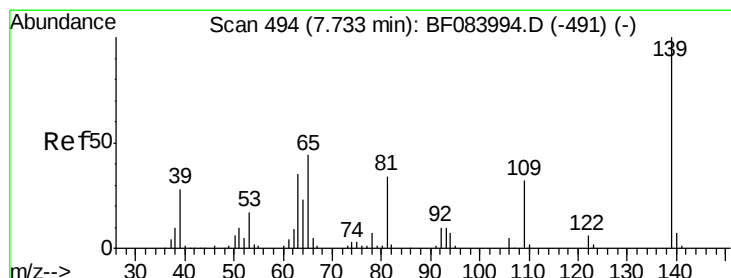
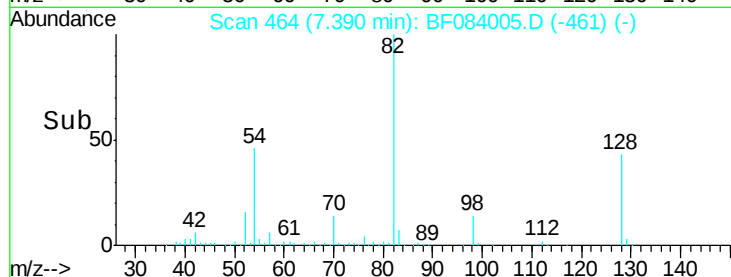
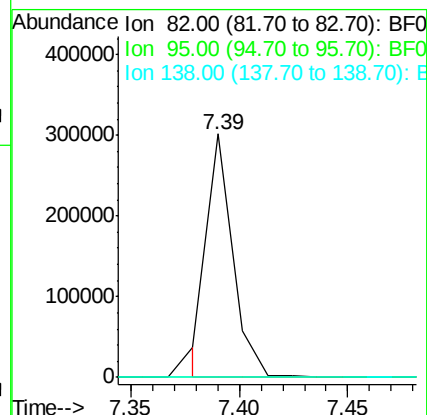
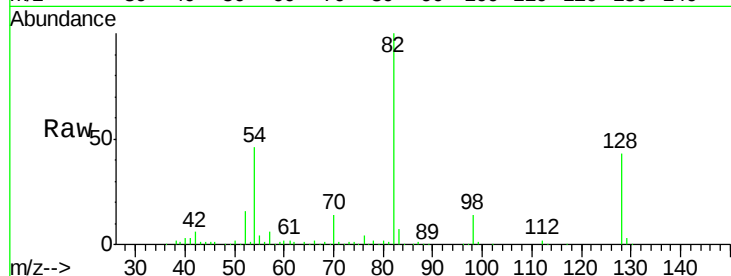
Tgt Ion: 82 Resp: 247574

Ion Ratio Lower Upper

82 100

95 0.0 6.6 10.0#

138 0.0 13.6 20.4#



#26

2-Nitrophenol

Concen: 0.16 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.08 min

Lab File: BF084005.D

Acq: 22 Dec 2015 23:08

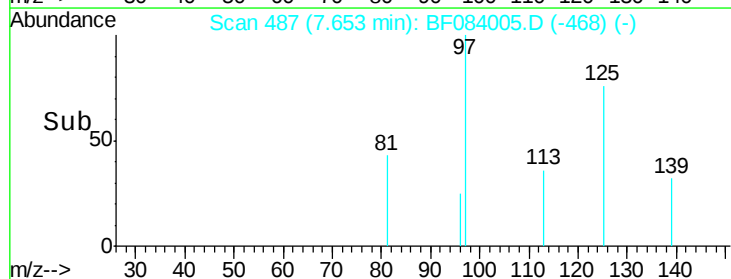
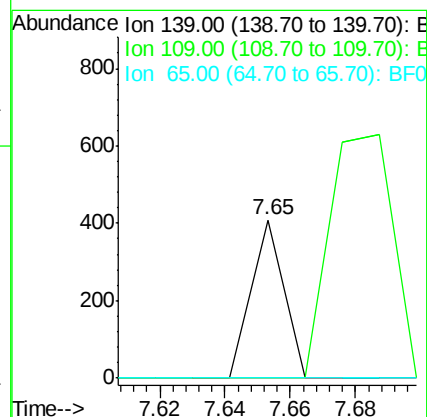
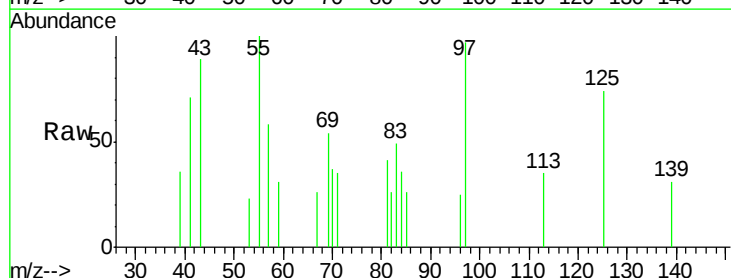
Tgt Ion: 139 Resp: 280

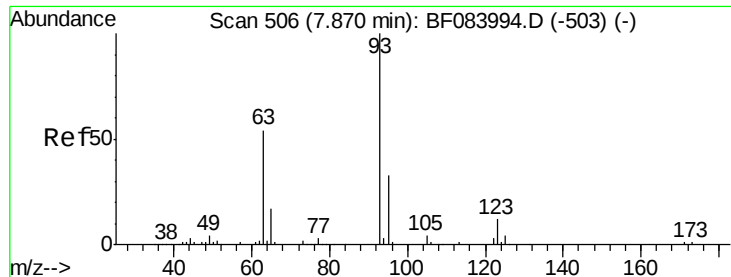
Ion Ratio Lower Upper

139 100

109 0.0 25.4 38.2#

65 0.0 32.3 48.5#





#28

bis(2-Chloroethoxy)methane

Concen: 0.17 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.18 min

Lab File: BF084005.D

Acq: 22 Dec 2015 23:08

Instrument :

BNA_F

ClientSampleId :

MW-1

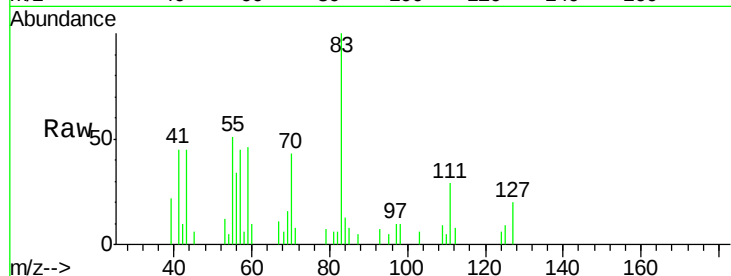
Tgt Ion: 93 Resp: 625

Ion Ratio Lower Upper

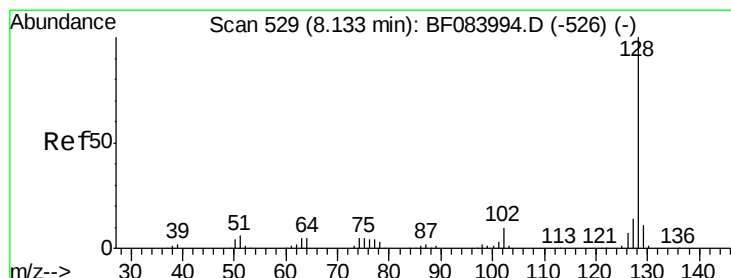
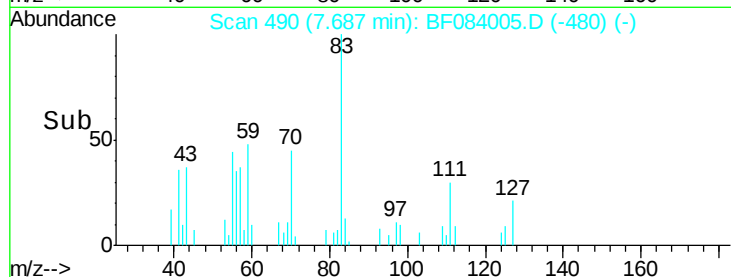
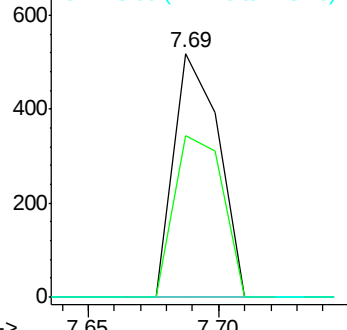
93 100

95 66.6 25.8 38.6#

123 0.0 8.6 12.8#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E



#31

Naphthalene

Concen: 0.07 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF084005.D

Acq: 22 Dec 2015 23:08

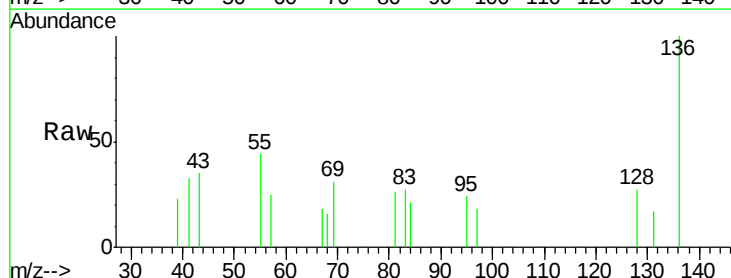
Tgt Ion: 128 Resp: 649

Ion Ratio Lower Upper

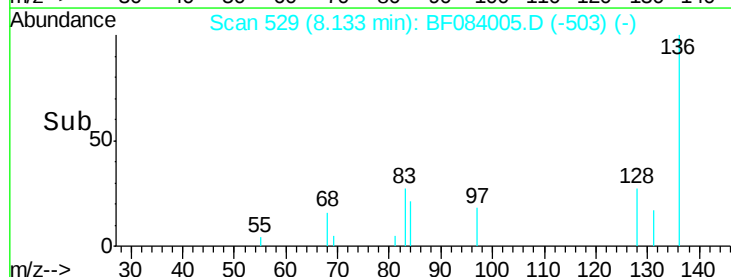
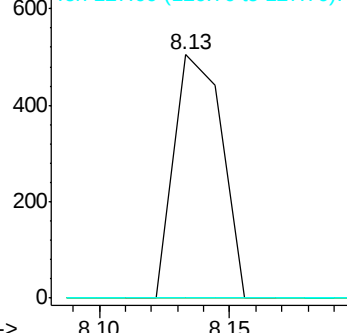
128 100

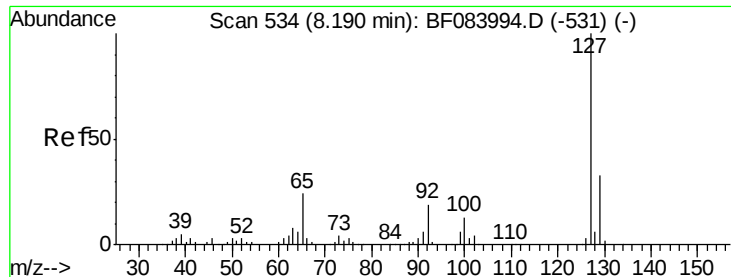
129 0.0 9.1 13.7#

127 0.0 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

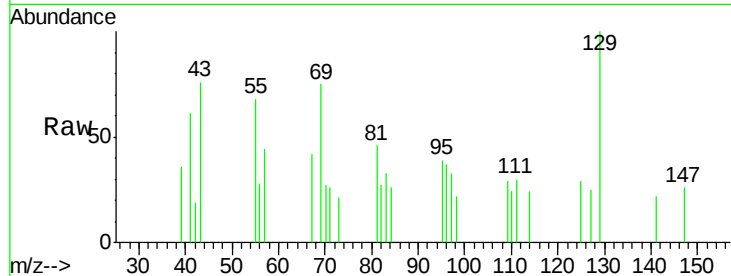




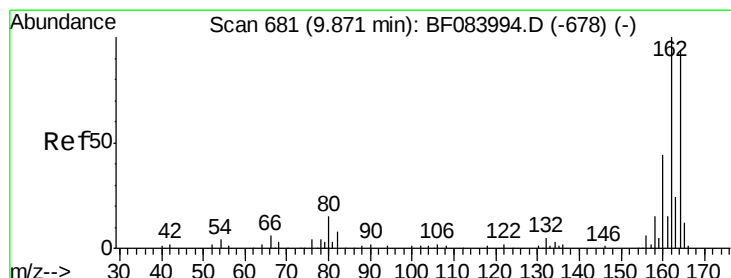
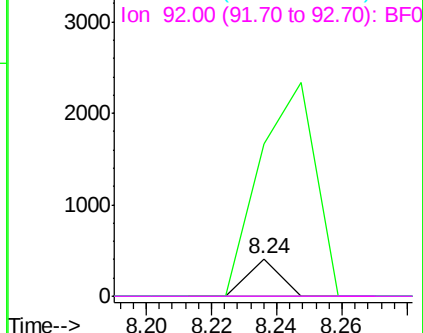
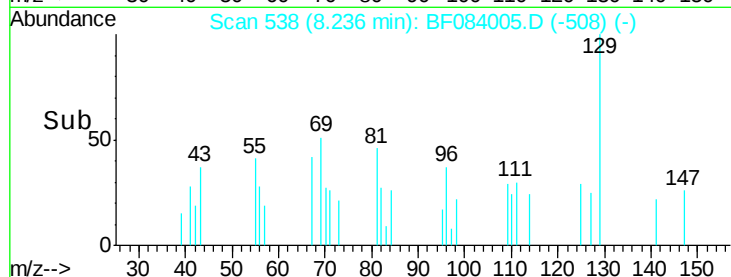
#33
4-Chloroaniline
Concen: 0.07 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.05 min
Lab File: BF084005.D
Acq: 22 Dec 2015 23:08

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:127 Resp: 280
Ion Ratio Lower Upper
127 100
129 406.4 26.5 39.7#
65 0.0 27.2 40.8#
92 0.0 17.7 26.5#

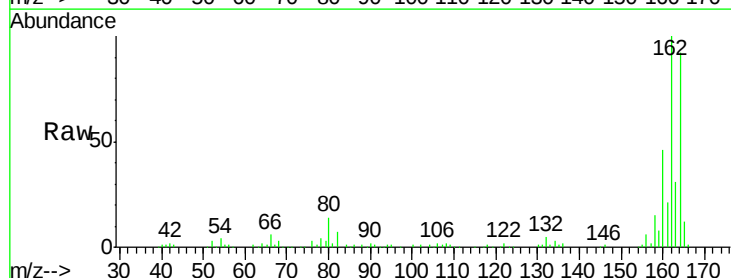


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

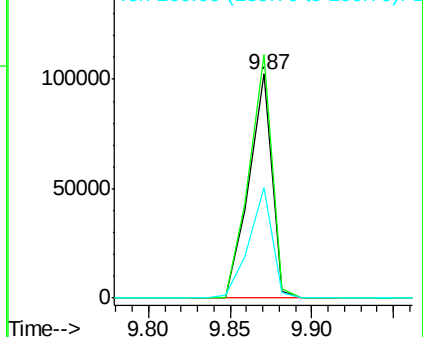
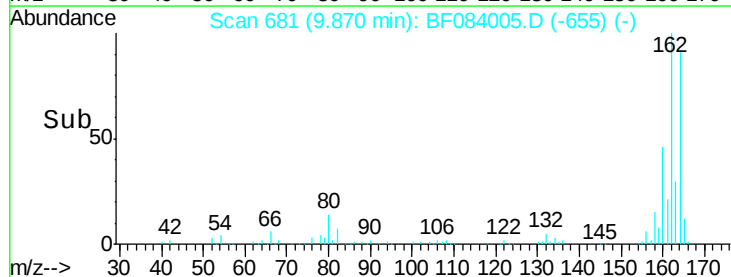


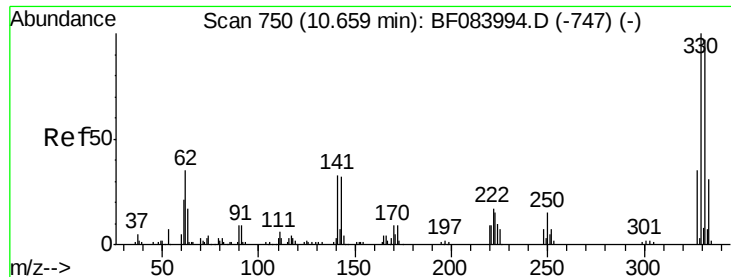
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF084005.D
Acq: 22 Dec 2015 23:08

Tgt Ion:164 Resp: 100184
Ion Ratio Lower Upper
164 100
162 108.8 85.1 127.7
160 49.5 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

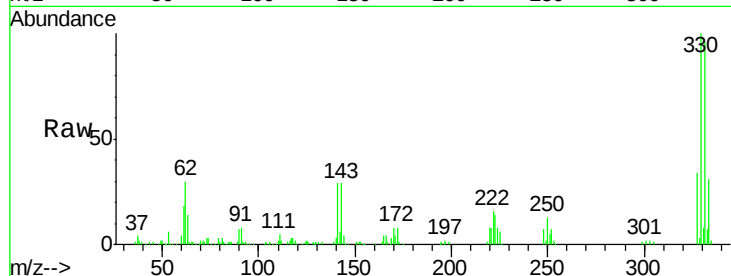




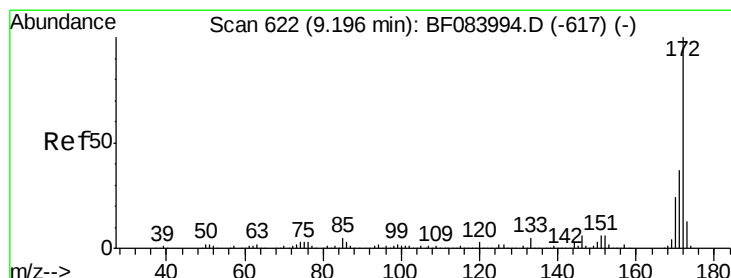
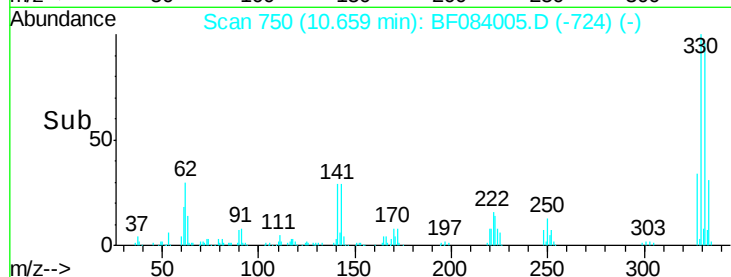
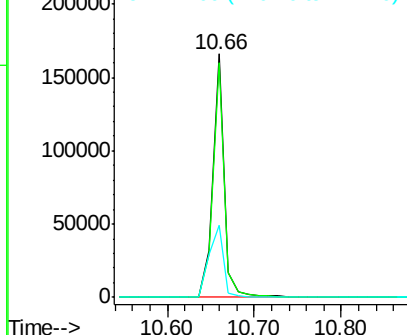
#41
 2,4,6-Tribromophenol
 Concen: 159.51 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF084005.D
 Acq: 22 Dec 2015 23:08

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tgt Ion:330 Resp: 153704
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 114.8
 141 37.7 27.8 41.6

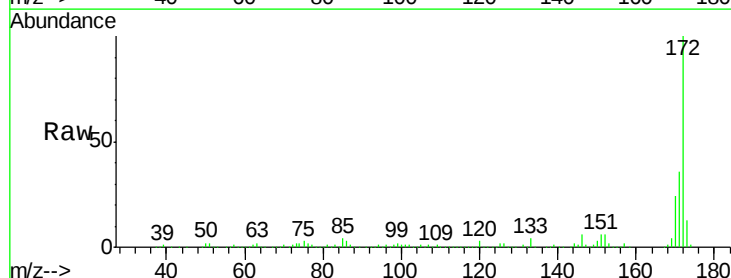


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

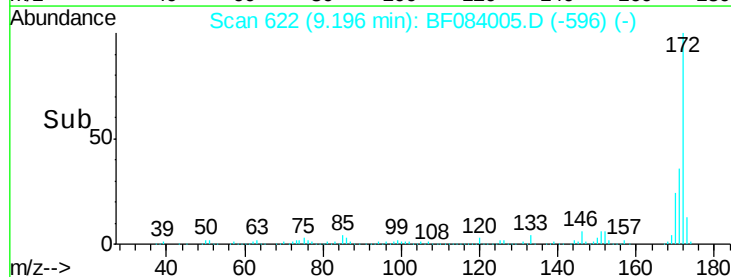
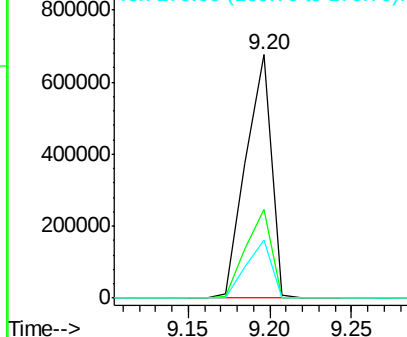


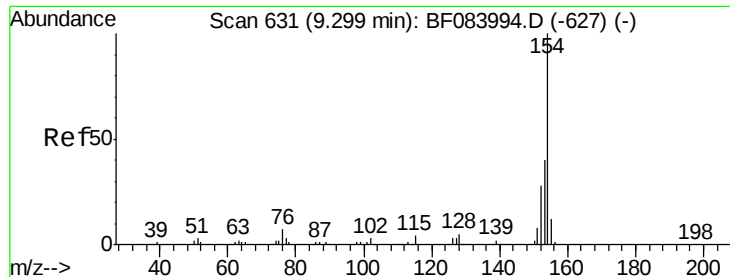
#44
 2-Fluorobiphenyl
 Concen: 98.64 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF084005.D
 Acq: 22 Dec 2015 23:08

Tgt Ion:172 Resp: 734267
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.9 43.3
 170 24.0 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: 0.18 ng

RT: 9.20 min Scan# 622

Delta R.T. -0.10 min

Lab File: BF084005.D

Acq: 22 Dec 2015 23:08

Instrument :

BNA_F

ClientSampleId :

MW-1

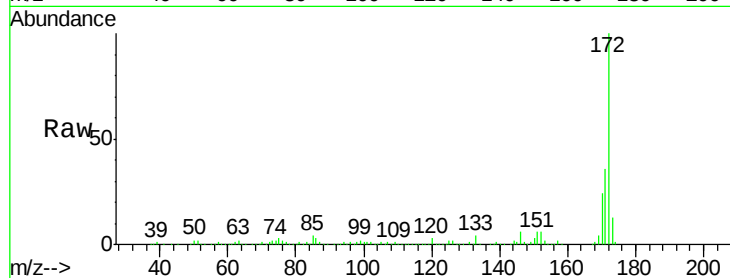
Tgt Ion:154 Resp: 1637

Ion Ratio Lower Upper

154 100

153 952.0 21.6 61.6#

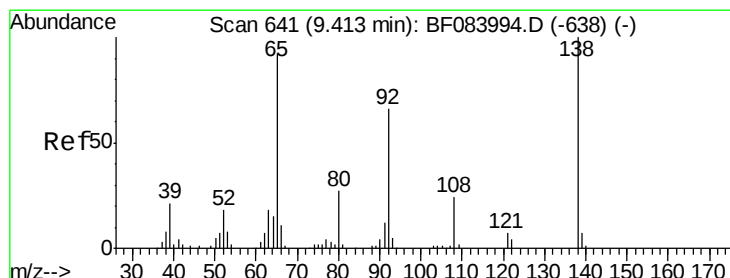
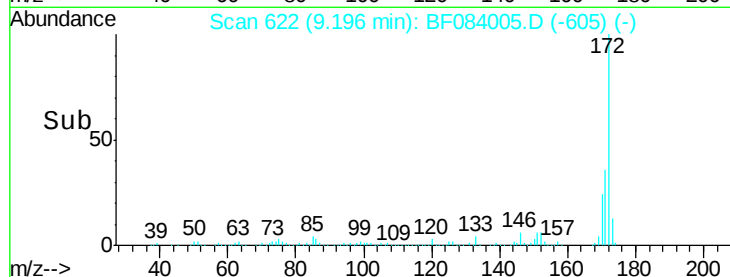
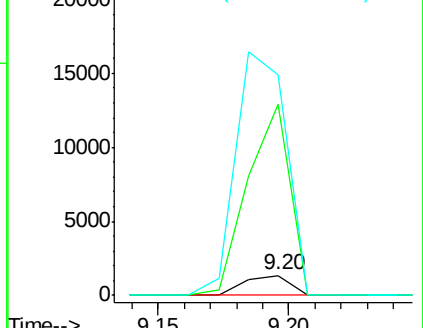
76 1094.7 0.0 32.7#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#47

2-Nitroaniline

Concen: 2.72 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.01 min

Lab File: BF084005.D

Acq: 22 Dec 2015 23:08

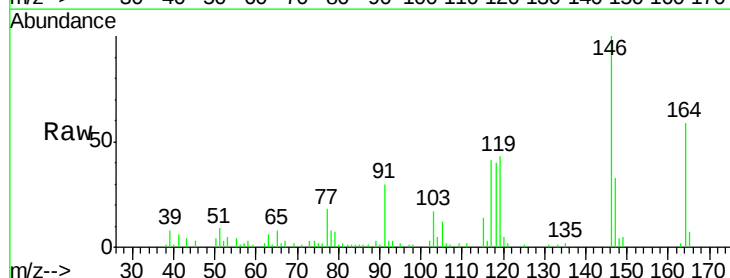
Tgt Ion: 65 Resp: 4720

Ion Ratio Lower Upper

65 100

92 39.3 53.4 80.2#

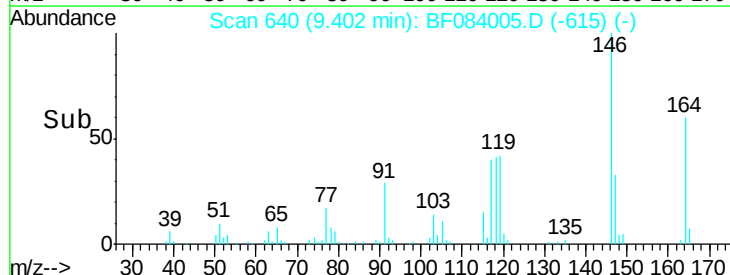
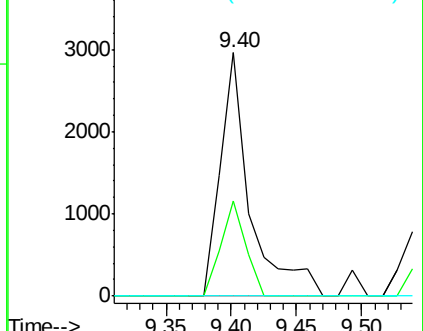
138 0.0 71.1 106.7#

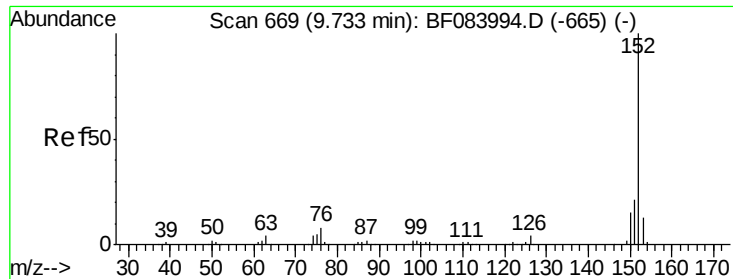


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 0.03 ng

RT: 9.48 min Scan# 647

Delta R.T. -0.25 min

Lab File: BF084005.D

Acq: 22 Dec 2015 23:08

Instrument :

BNA_F

ClientSampleId :

MW-1

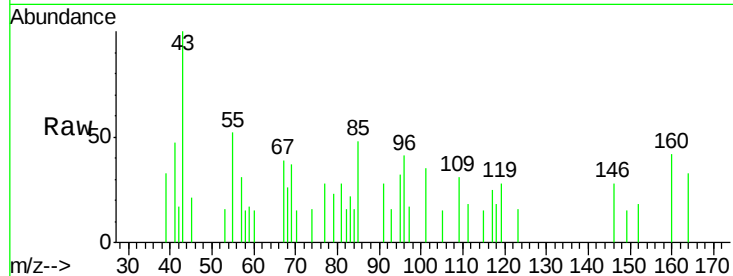
Tgt Ion:152 Resp: 256

Ion Ratio Lower Upper

152 100

151 0.0 16.3 24.5#

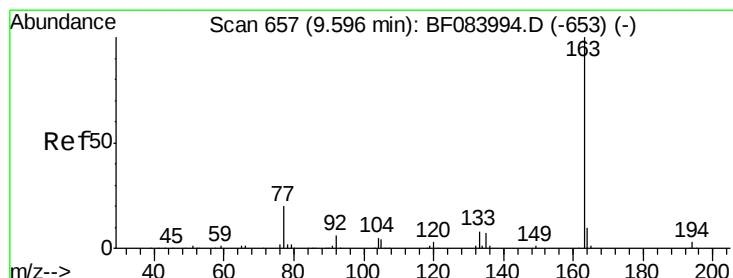
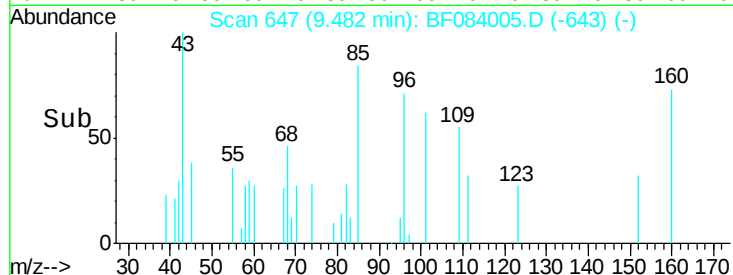
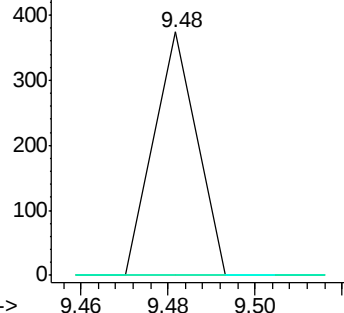
153 0.0 10.4 15.6#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 3.31 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF084005.D

Acq: 22 Dec 2015 23:08

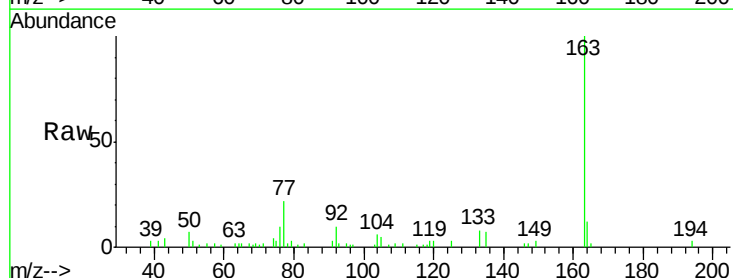
Tgt Ion:163 Resp: 25926

Ion Ratio Lower Upper

163 100

194 3.2 8.0 12.0#

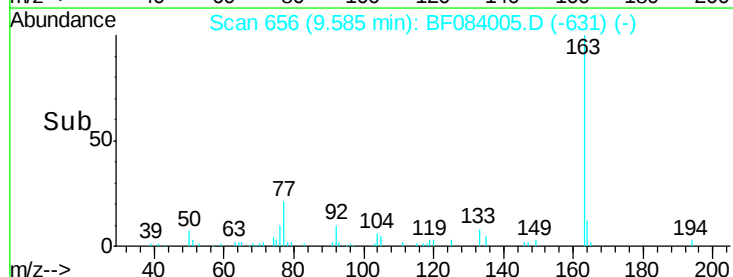
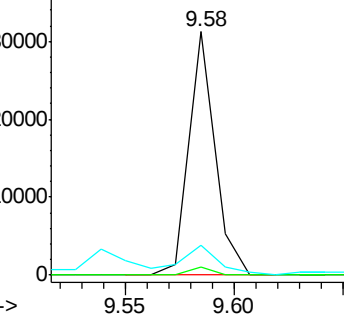
164 12.2 8.0 12.0#

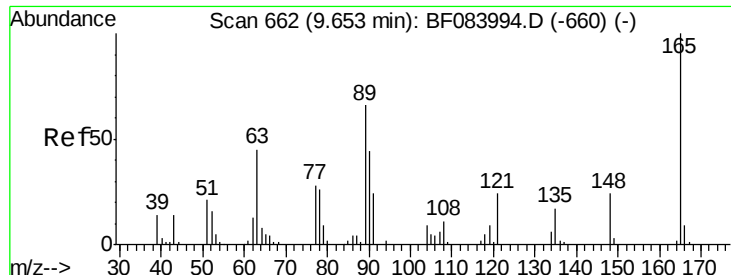


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

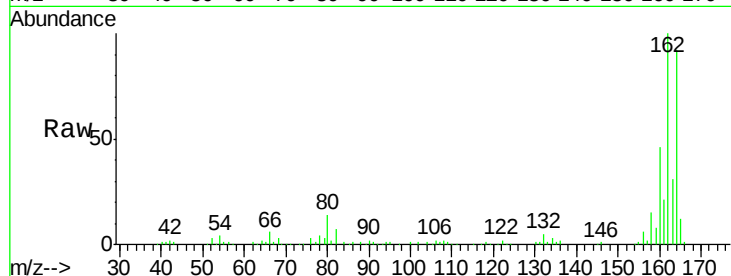




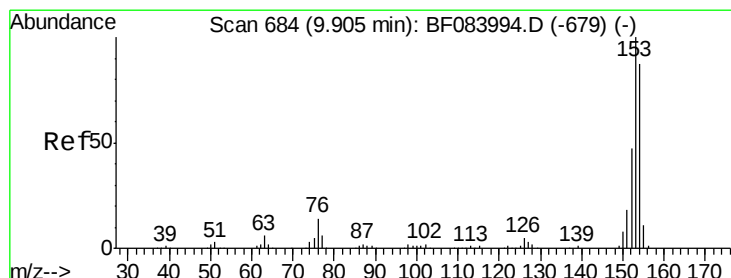
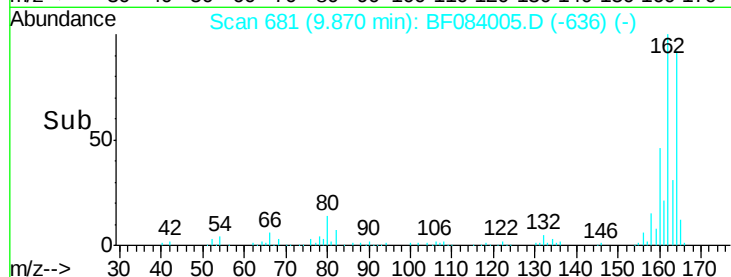
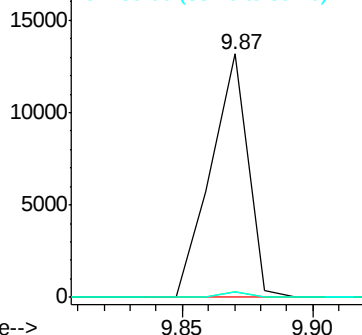
#50
2,6-Dinitrotoluene
Concen: 7.97 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.22 min
Lab File: BF084005.D
Acq: 22 Dec 2015 23:08

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.3	28.8	43.2#
89	2.5	35.1	52.7#

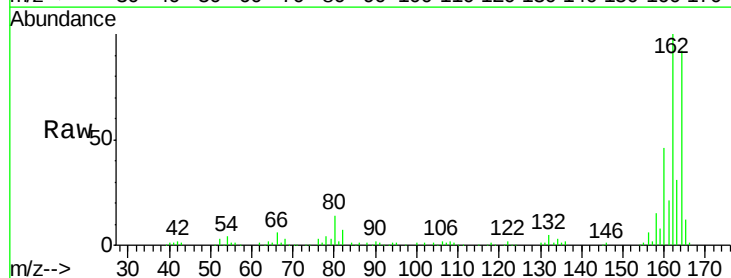


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

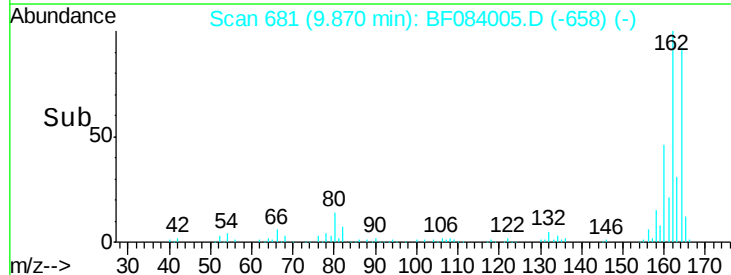
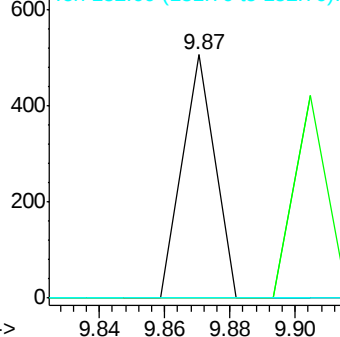


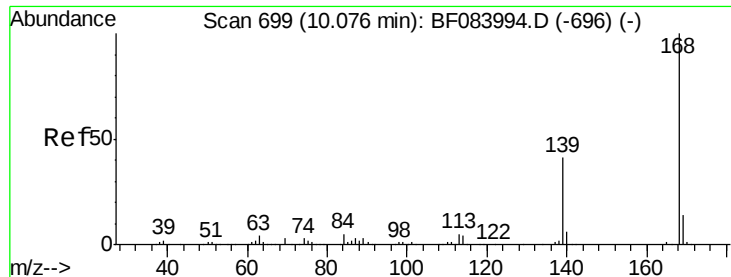
#51
Acenaphthene
Concen: 0.06 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.03 min
Lab File: BF084005.D
Acq: 22 Dec 2015 23:08

Tgt 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

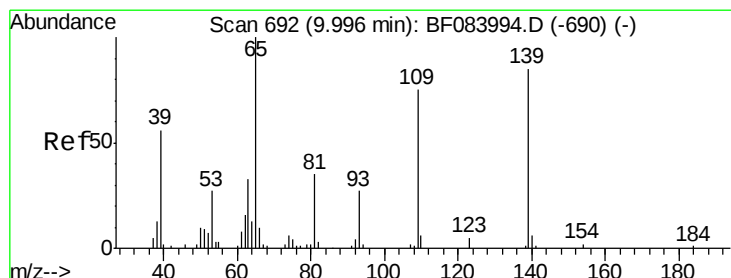
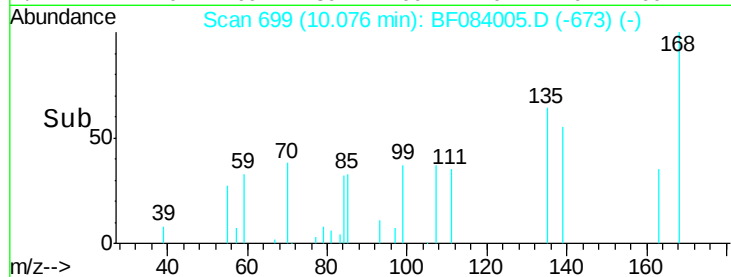
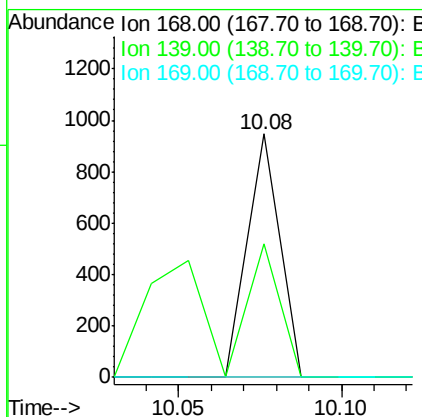
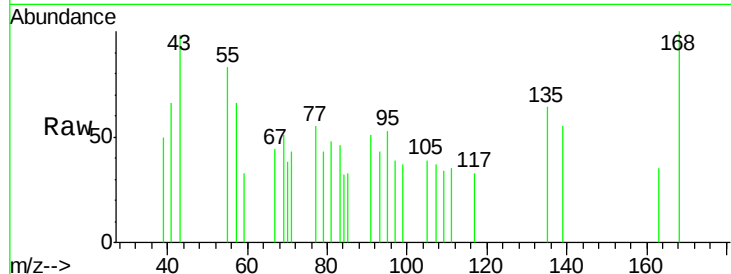




#54
Dibenzo-furan
Concen: 0.07 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF084005.D
Acq: 22 Dec 2015 23:08

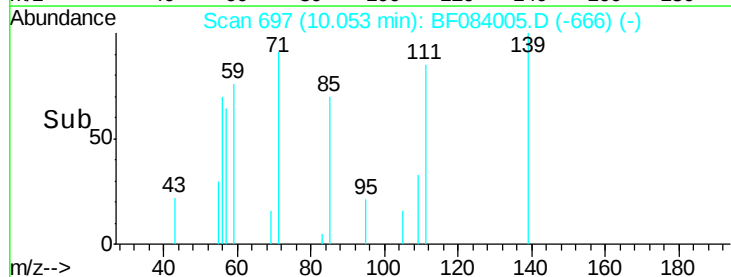
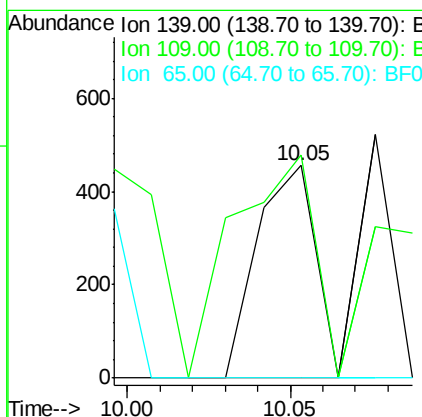
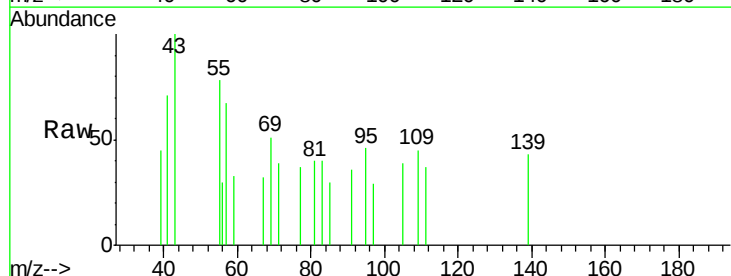
Instrument :
BNA_F
ClientSampleId :
MW-1

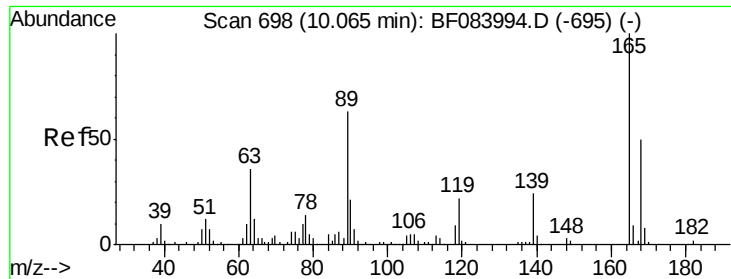
Tgt Ion:168 Resp: 649
Ion Ratio Lower Upper
168 100
139 55.1 30.5 45.7#
169 0.0 10.4 15.6#



#55
4-Nitrophenol
Concen: 0.55 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.06 min
Lab File: BF084005.D
Acq: 22 Dec 2015 23:08

Tgt Ion:139 Resp: 564
Ion Ratio Lower Upper
139 100
109 104.8 58.5 98.5#
65 0.0 57.6 97.6#





#56

2,4-Dinitrotoluene

Concen: 6.34 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.19 min

Lab File: BF084005.D

Acq: 22 Dec 2015 23:08

Instrument :

BNA_F

ClientSampleId :

MW-1

Tgt Ion:165 Resp: 13180

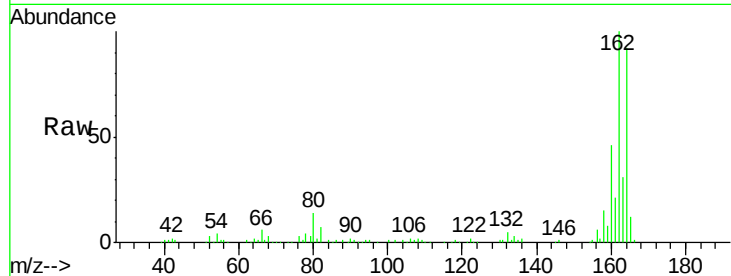
Ion Ratio Lower Upper

165 100

63 2.3 36.7 55.1#

89 2.5 61.9 92.9#

182 0.0 2.0 3.0#



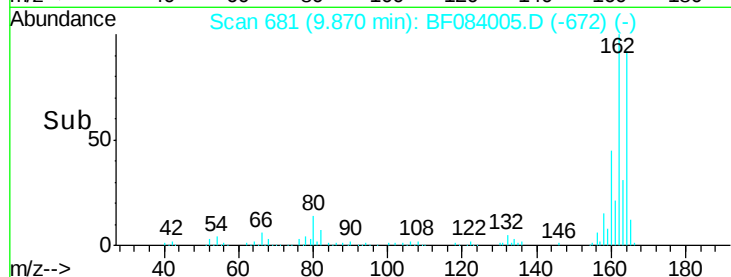
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

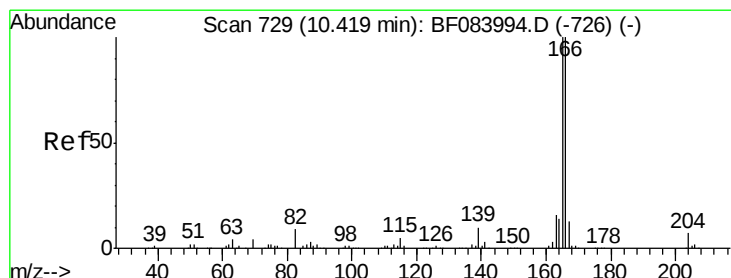
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

Time-->



Time-->



#57

Fluorene

Concen: 0.06 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF084005.D

Acq: 22 Dec 2015 23:08

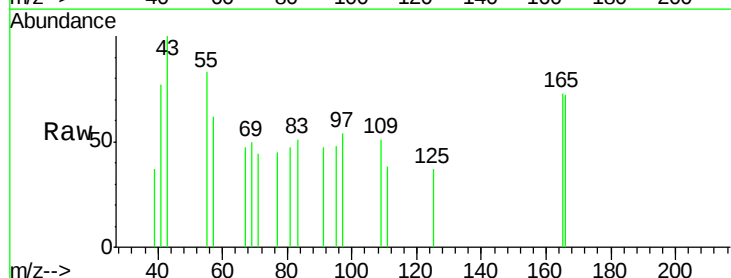
Tgt Ion:166 Resp: 414

Ion Ratio Lower Upper

166 100

165 102.0 79.1 118.7

167 0.0 10.4 15.6#

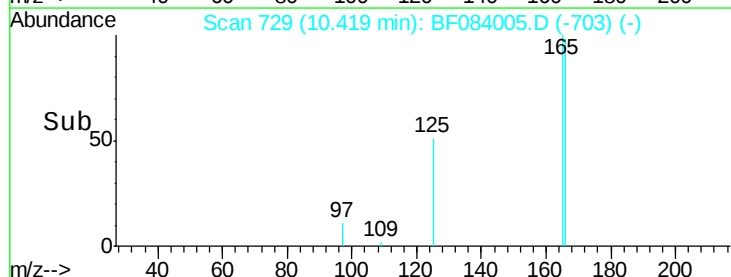


Abundance Ion 166.00 (165.70 to 166.70): E

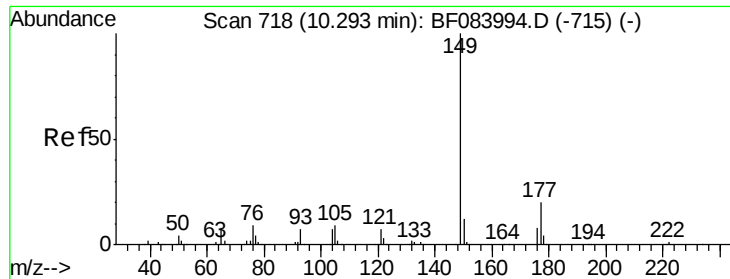
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->



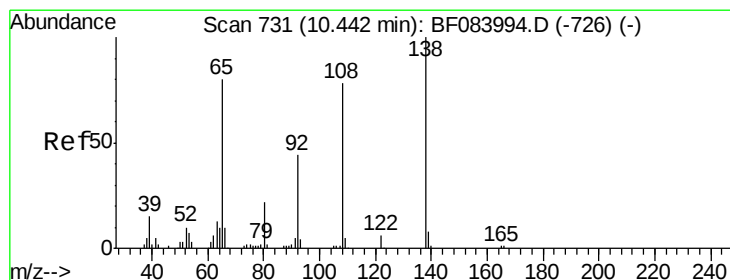
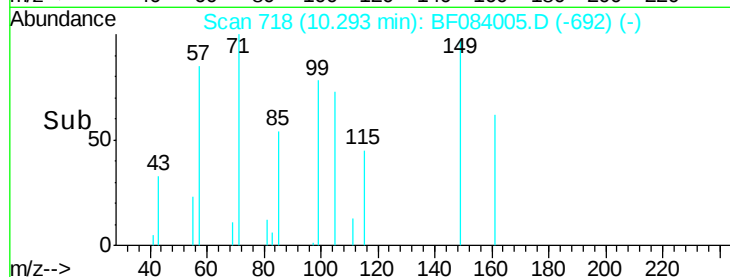
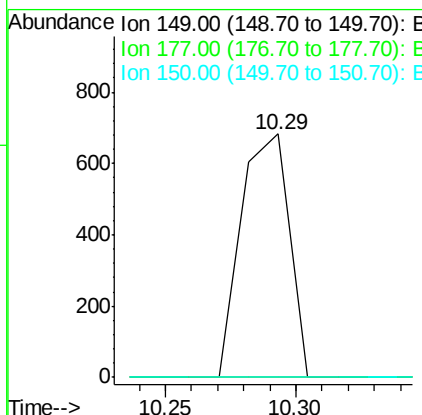
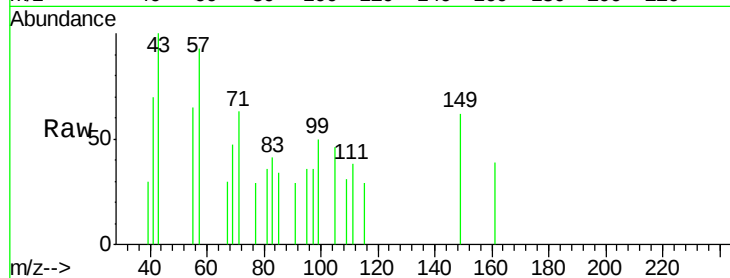
Time-->



#59
Diethylphthalate
Concen: 0.11 ng
RT: 10.29 min Scan# 718
Delta R.T. -0.00 min
Lab File: BF084005.D
Acq: 22 Dec 2015 23:08

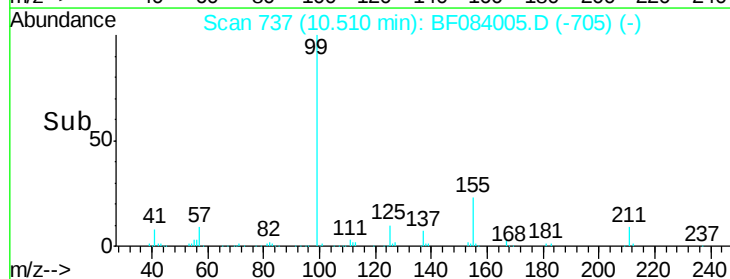
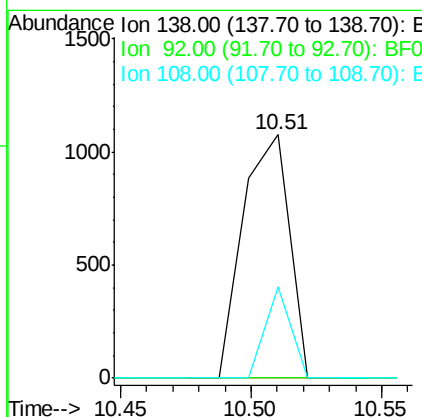
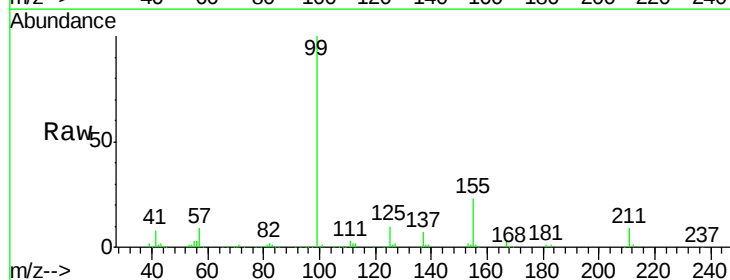
Instrument :
BNA_F
ClientSampled :
MW-1

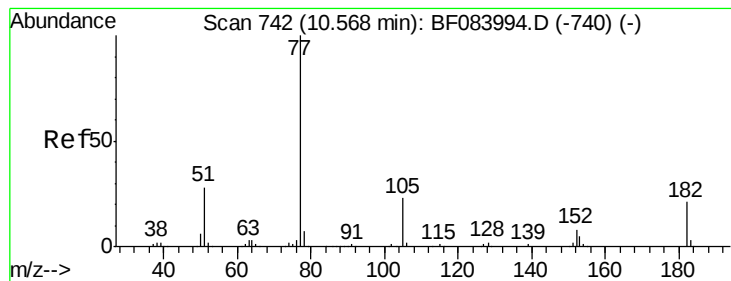
Tgt Ion:149 Resp: 883
Ion Ratio Lower Upper
149 100
177 0.0 17.3 25.9#
150 0.0 9.8 14.8#



#61
4-Nitroaniline
Concen: 0.75 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.07 min
Lab File: BF084005.D
Acq: 22 Dec 2015 23:08

Tgt Ion:138 Resp: 1346
Ion Ratio Lower Upper
138 100
92 0.0 32.6 72.6#
108 37.3 68.6 108.6#





#62

Azobenzene

Concen: 0.29 ng

RT: 10.59 min Scan# 744

Delta R.T. 0.02 min

Lab File: BF084005.D

Acq: 22 Dec 2015 23:08

Instrument :

BNA_F

ClientSampleId :

MW-1

Tgt Ion: 77 Resp: 2002

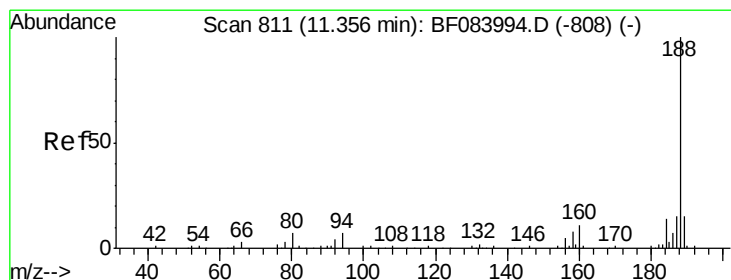
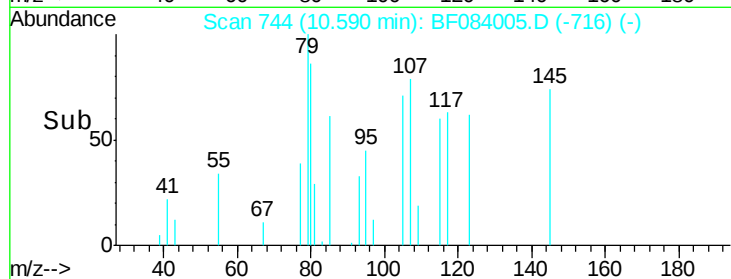
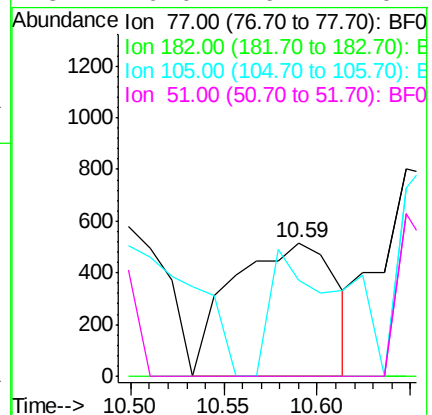
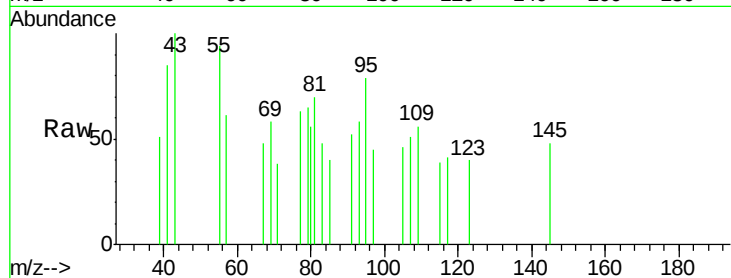
Ion Ratio Lower Upper

77 100

182 0.0 8.3 48.3#

105 71.9 4.6 44.6#

51 0.0 6.2 46.2#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF084005.D

Acq: 22 Dec 2015 23:08

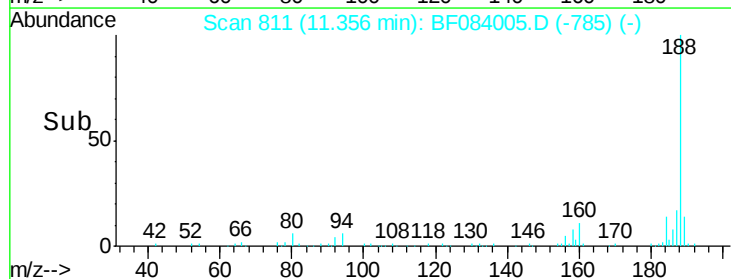
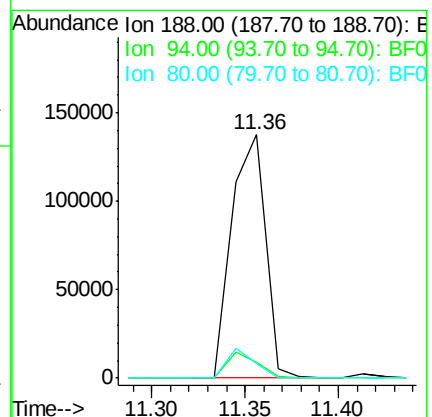
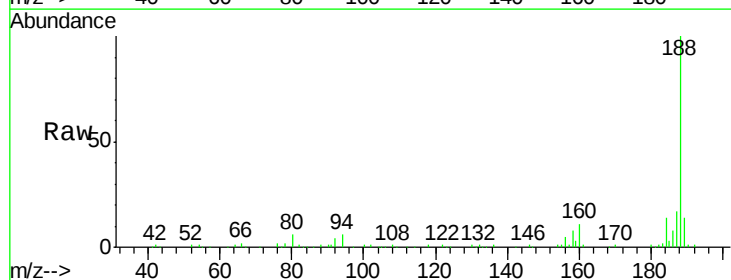
Tgt Ion: 188 Resp: 175040

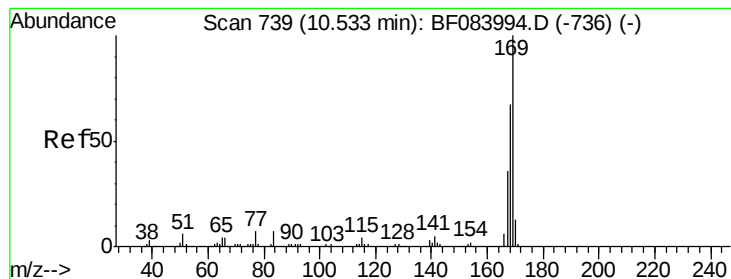
Ion Ratio Lower Upper

188 100

94 6.2 9.0 13.4#

80 6.2 9.6 14.4#





#65

n-Nitrosodiphenylamine

Concen: 0.12 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF084005.D

Acq: 22 Dec 2015 23:08

Instrument :

BNA_F

ClientSampleId :

MW-1

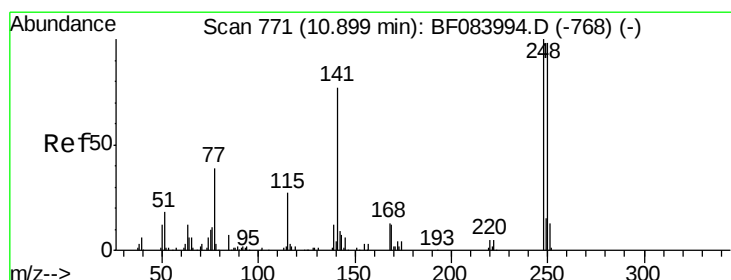
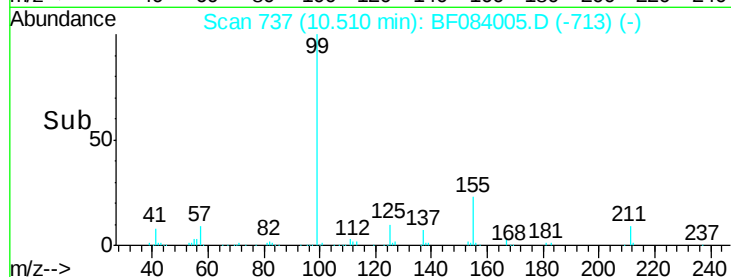
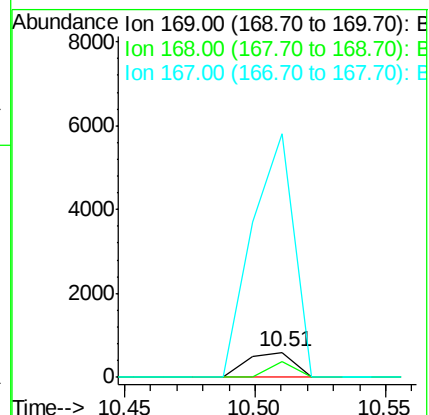
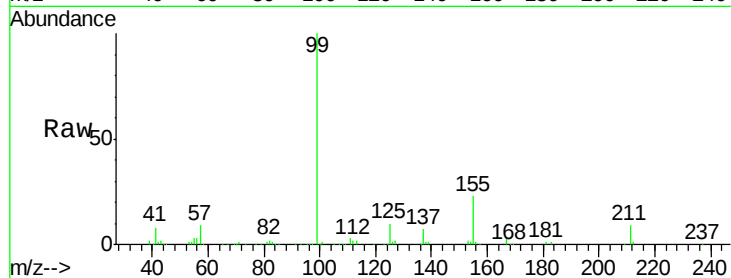
Tgt Ion:169 Resp: 751

Ion Ratio Lower Upper

169 100

168 64.8 55.1 82.7

167 964.5 30.0 45.0#



#66

4-Bromophenyl-phenylether

Concen: 5.23 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.24 min

Lab File: BF084005.D

Acq: 22 Dec 2015 23:08

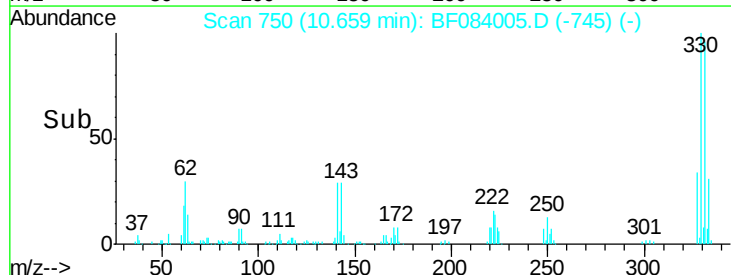
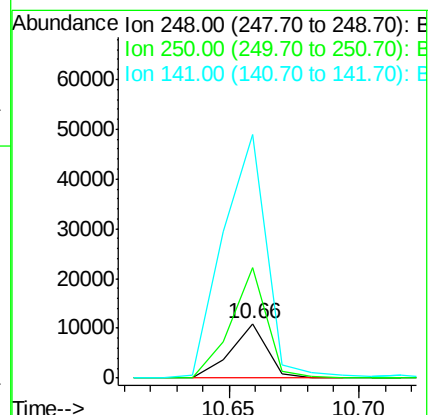
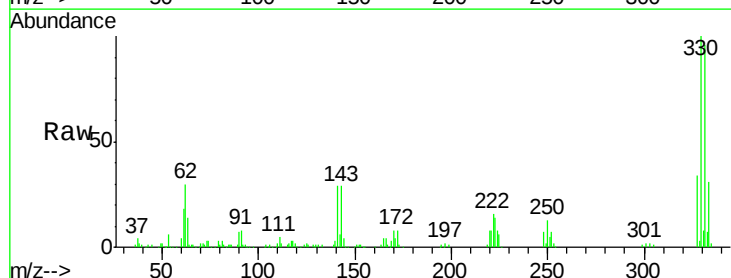
Tgt Ion:248 Resp: 10502

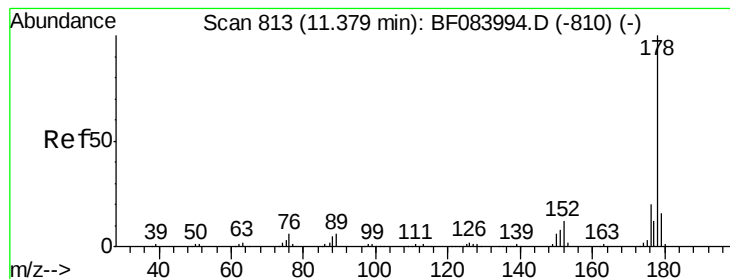
Ion Ratio Lower Upper

248 100

250 204.5 78.4 117.6#

141 448.3 44.0 66.0#





#70

Phenanthrene

Concen: 0.10 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF084005.D

Acq: 22 Dec 2015 23:08

Instrument :

BNA_F

ClientSampled :

MW-1

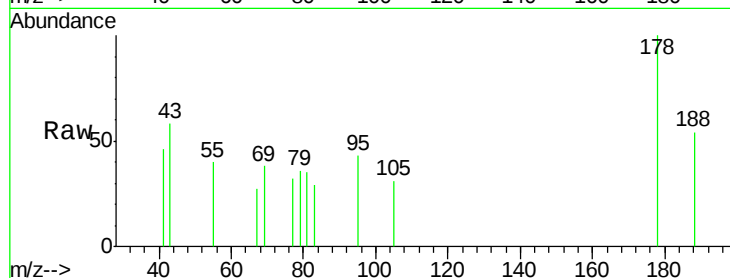
Tgt Ion:178 Resp: 1012

Ion Ratio Lower Upper

178 100

176 0.0 15.3 22.9#

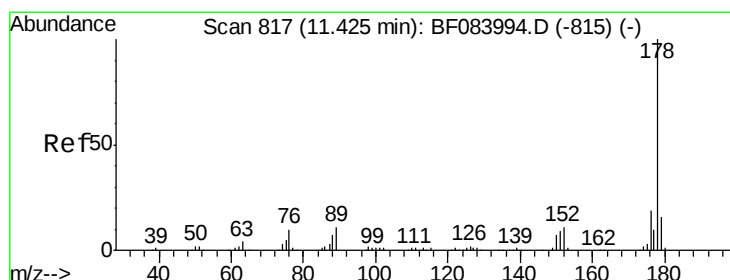
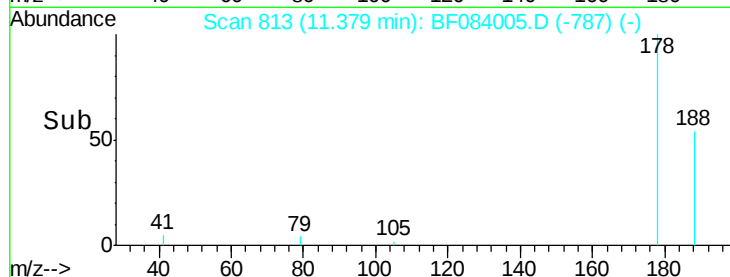
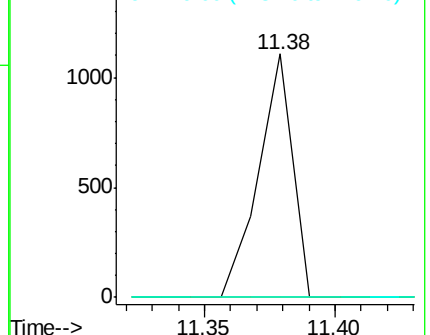
179 0.0 12.0 18.0#



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: 0.10 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.05 min

Lab File: BF084005.D

Acq: 22 Dec 2015 23:08

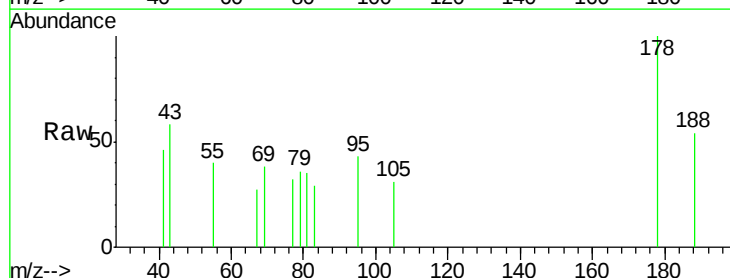
Tgt Ion:178 Resp: 1012

Ion Ratio Lower Upper

178 100

176 0.0 15.4 23.0#

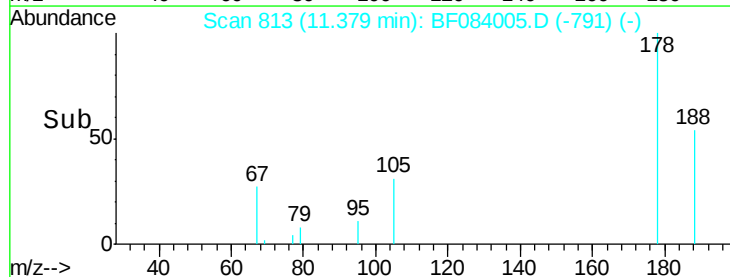
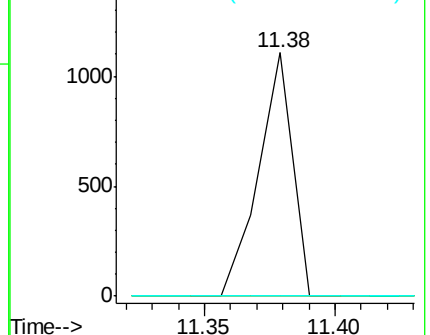
179 0.0 12.5 18.7#

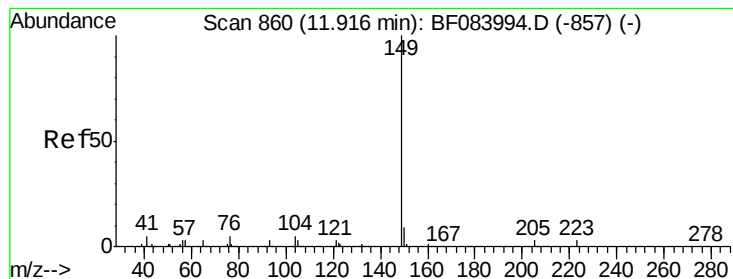


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Di-n-butylphthalate

Concen: 0.10 ng

RT: 11.92 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF084005.D

Acq: 22 Dec 2015 23:08

Instrument :

BNA_F

ClientSampleId :

MW-1

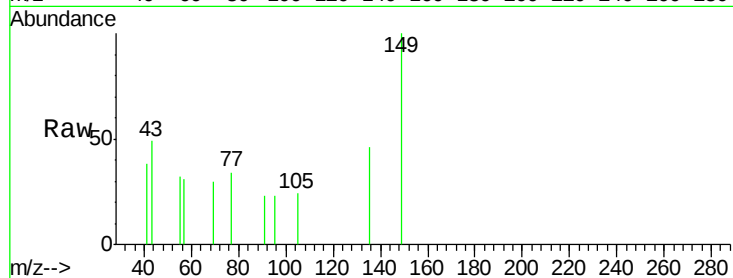
Tgt Ion:149 Resp: 1171

Ion Ratio Lower Upper

149 100

150 0.0 7.1 10.7#

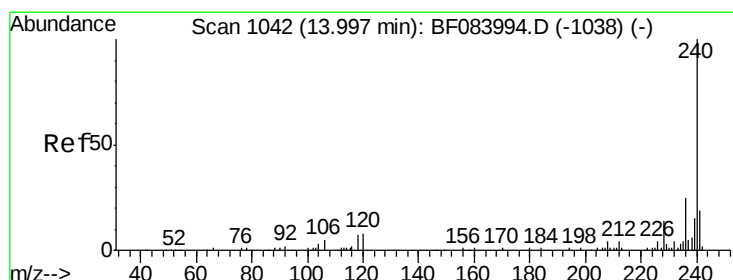
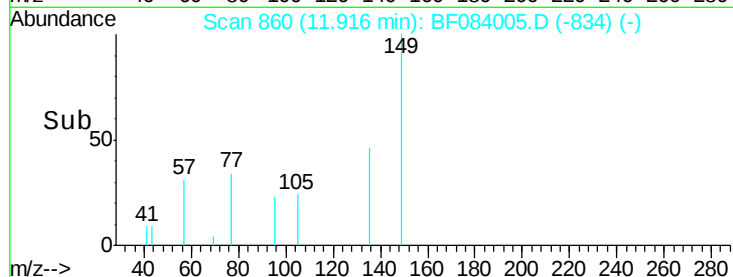
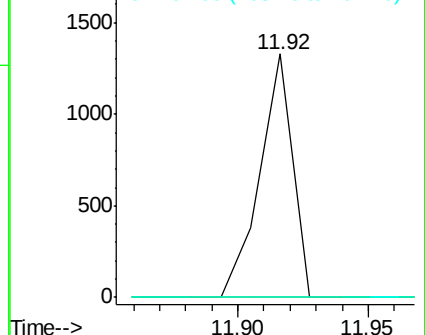
104 0.0 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF084005.D

Acq: 22 Dec 2015 23:08

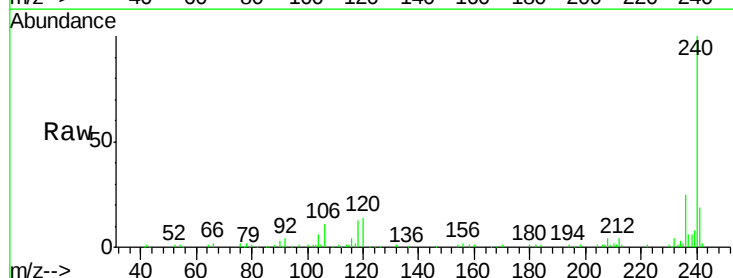
Tgt Ion:240 Resp: 117927

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

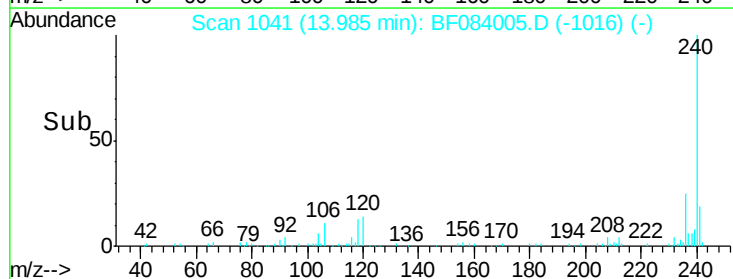
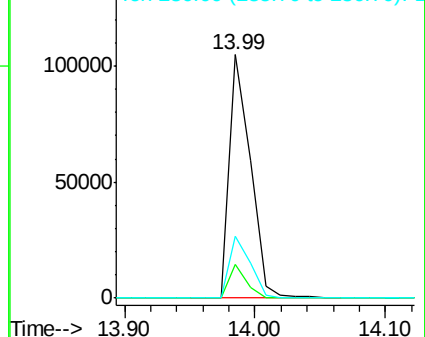
236 25.2 20.6 31.0

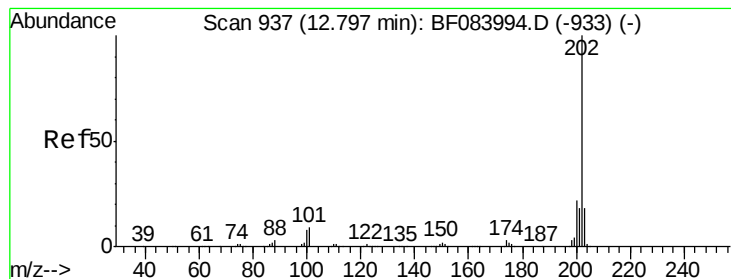


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 0.22 ng

RT: 12.93 min Scan# 949

Delta R.T. 0.14 min

Lab File: BF084005.D

Acq: 22 Dec 2015 23:08

Instrument :

BNA_F

ClientSampleId :

MW-1

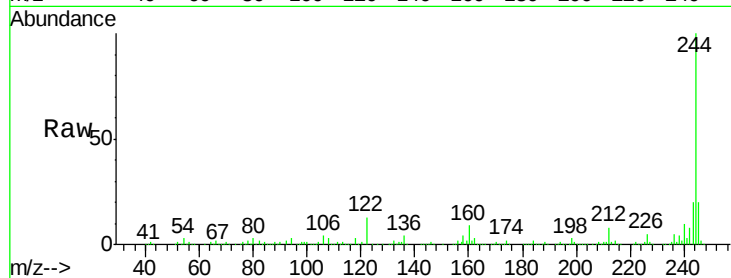
Tgt Ion:202 Resp: 1775

Ion Ratio Lower Upper

202 100

200 54.3 17.2 25.8#

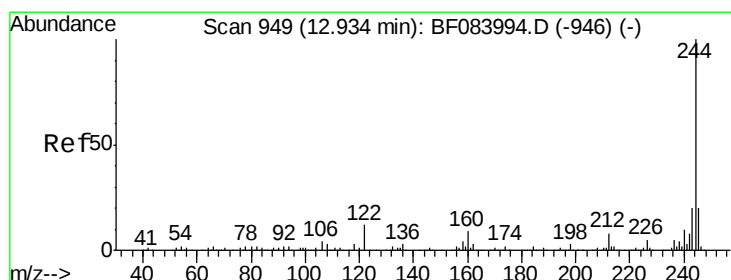
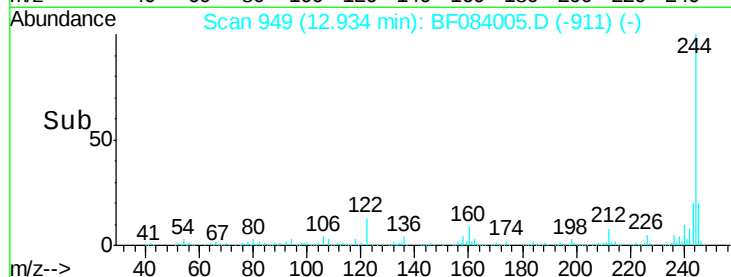
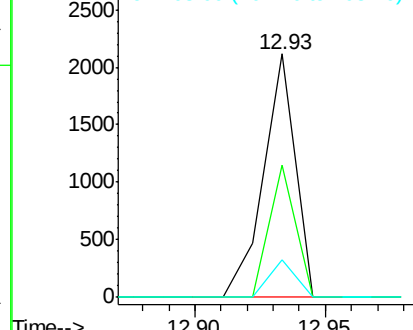
203 15.7 14.3 21.5



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: 101.16 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF084005.D

Acq: 22 Dec 2015 23:08

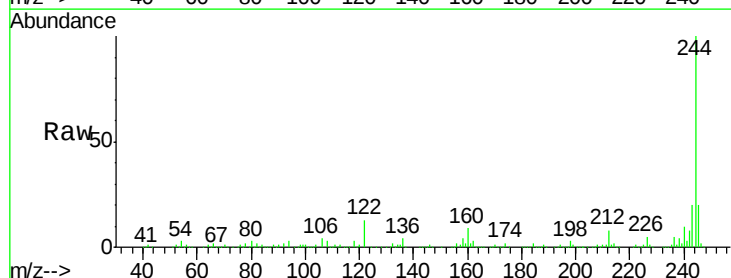
Tgt Ion:244 Resp: 500214

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

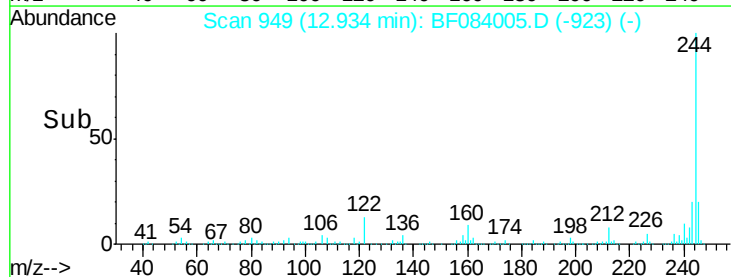
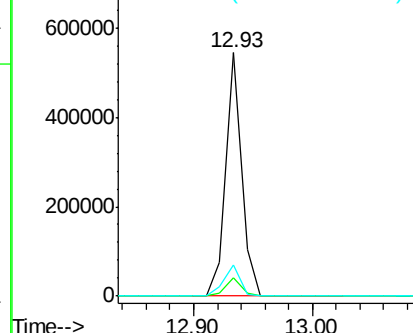
122 12.8 7.4 11.0#

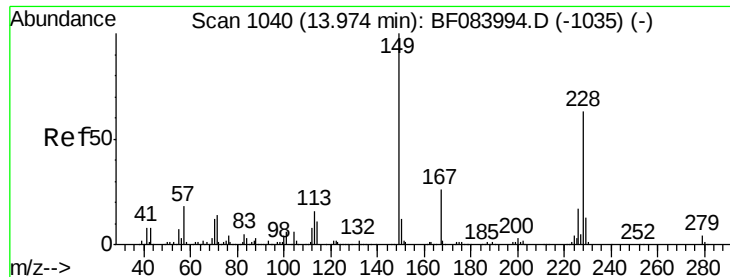


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.14 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF084005.D

Acq: 22 Dec 2015 23:08

Instrument :

BNA_F

ClientSampleId :

MW-1

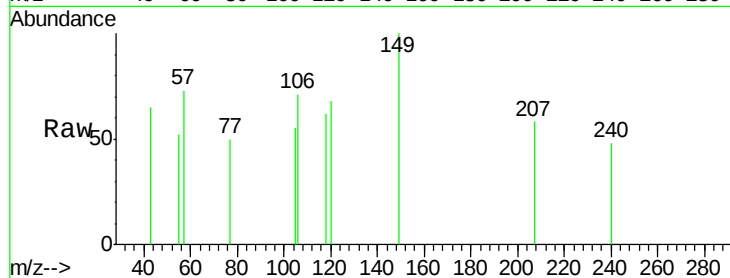
Tgt Ion:149 Resp: 694

Ion Ratio Lower Upper

149 100

167 0.0 19.7 29.5#

279 0.0 1.8 2.6#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

13.97

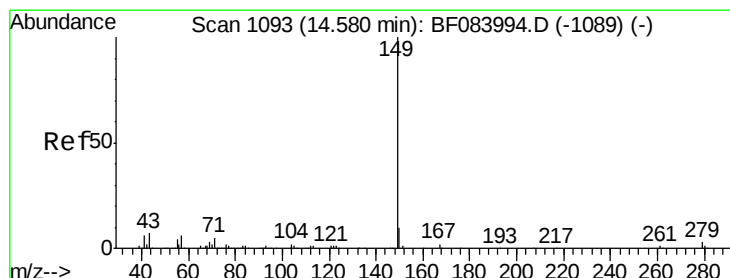
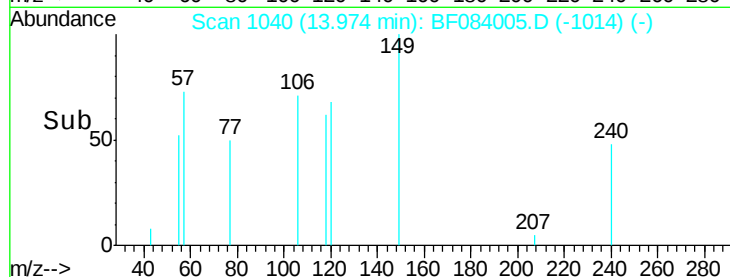
600

400

200

0

Time-->



#84

Di-n-octyl phthalate

Concen: 0.03 ng

RT: 14.58 min Scan# 1093

Delta R.T. -0.00 min

Lab File: BF084005.D

Acq: 22 Dec 2015 23:08

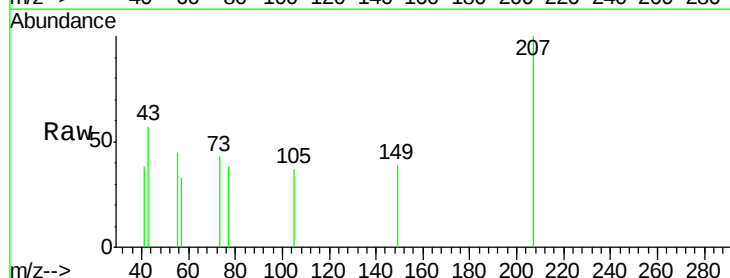
Tgt Ion:149 Resp: 241

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 0.0 5.6 8.4#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

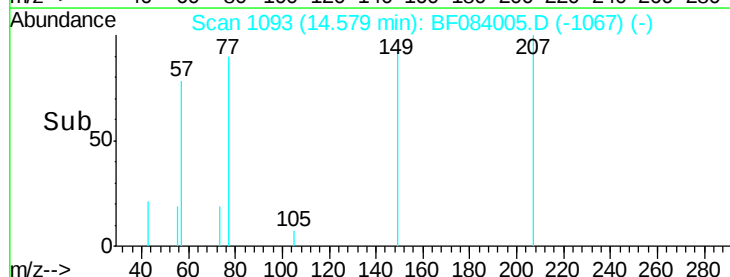
600

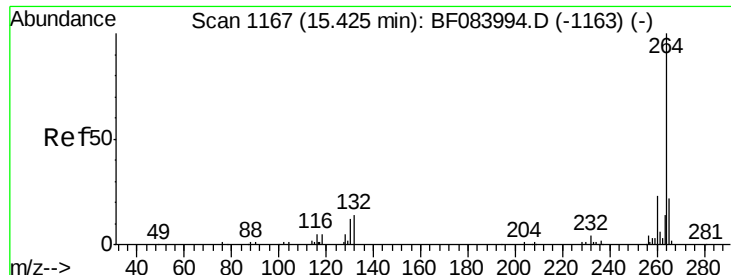
400

200

0

Time-->

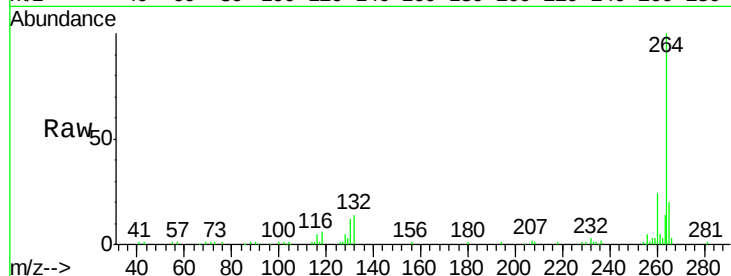




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF084005.D
Acq: 22 Dec 2015 23:08

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion: 264 Resp: 113285
Ion Ratio Lower Upper
264 100
260 24.4 19.4 29.2
265 20.4 17.8 26.6



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

