

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122215\
 Data File : BF084006.D
 Acq On : 22 Dec 2015 23:37
 Operator : UM/SJ
 Sample : G4894-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Dec 23 01:12:02 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	57915	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	241163	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	88476	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	168763	20.00	ng	0.00
75) Chrysene-d12	13.98	240	175653	20.00	ng	-0.01
86) Perylene-d12	15.41	264	144075	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	220115	64.80	ng	0.00
7) Phenol-d6	6.48	99	189246	47.39	ng	0.00
23) Nitrobenzene-d5	7.39	82	337440	85.96	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	151953	178.55	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	671009	102.07	ng	0.00
78) Terphenyl-d14	12.93	244	635679	86.30	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.43	88	90772	56.13	ng	99
6) Aniline	6.60	93	390	0.07	ng	# 1
8) 2-Chlorophenol	6.61	128	210	0.05	ng	# 1
9) Benzaldehyde	6.60	77	10543	3.95	ng	92
10) Phenol	6.49	94	2380	0.52	ng	86
11) bis(2-Chloroethyl)ether	6.60	93	390	0.11	ng	# 1
15) Benzyl Alcohol	6.98	79	6575	2.09	ng	# 44
19) n-Nitroso-di-n-propylamine	7.39	70	45914	18.97	ng	# 77
22) Acetophenone	7.08	105	241	0.04	ng	# 51
24) Nitrobenzene	7.39	77	999	0.25	ng	# 38
25) Isophorone	7.39	82	285677	38.40	ng	# 66
31) Naphthalene	8.13	128	896	0.07	ng	# 68
45) 1,1'-Biphenyl	9.20	154	1320	0.17	ng	# 1
47) 2-Nitroaniline	9.18	65	872	0.57	ng	# 1
49) Dimethylphthalate	9.58	163	17622	2.55	ng	# 90
50) 2,6-Dinitrotoluene	9.87	165	11488	7.86	ng	# 35
51) Acenaphthene	9.90	154	231	0.04	ng	# 46
54) Dibenzofuran	10.08	168	1433	0.18	ng	# 81
55) 4-Nitrophenol	10.08	139	459	0.50	ng	# 10
56) 2,4-Dinitrotoluene	9.87	165	11488	6.25	ng	# 20
57) Fluorene	10.42	166	682	0.11	ng	# 86
59) Diethylphthalate	10.28	149	688	0.10	ng	# 60
62) Azobenzene	10.66	77	743	0.12	ng	# 13
64) 4,6-Dinitro-2-methylphenol	10.66	198	291	0.29	ng	# 1
65) n-Nitrosodiphenylamine	10.66	169	5079	0.81	ng	# 50
66) 4-Bromophenyl-phenylether	10.66	248	10801	5.58	ng	# 1
70) Phenanthrene	11.38	178	1674	0.18	ng	# 60
71) Anthracene	11.38	178	1674	0.17	ng	# 60
73) Di-n-butylphthalate	11.92	149	769	0.07	ng	# 79
77) Pyrene	12.93	202	2496	0.21	ng	# 67
80) Benzo(a)anthracene	13.98	228	403	0.04	ng	# 51
82) Chrysene	13.98	228	403	0.04	ng	# 49
83) Bis(2-ethylhexyl)phthalate	13.97	149	1043	0.14	ng	# 54
84) Di-n-octyl phthalate	14.58	149	226	0.02	ng	# 83

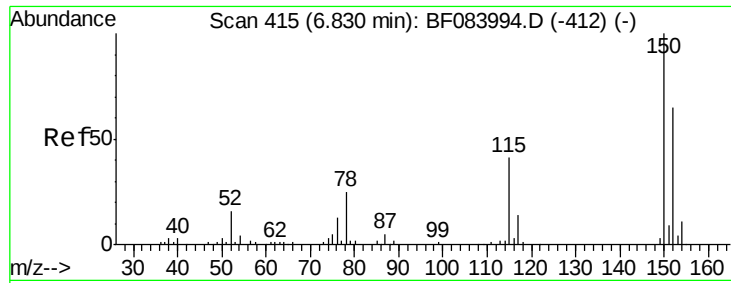
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122215\
Data File : BF084006.D
Acq On : 22 Dec 2015 23:37
Operator : UM/SJ
Sample : G4894-02
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 18:54:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(a)pyrene	15.41	252	476	0.06	ng	# 61

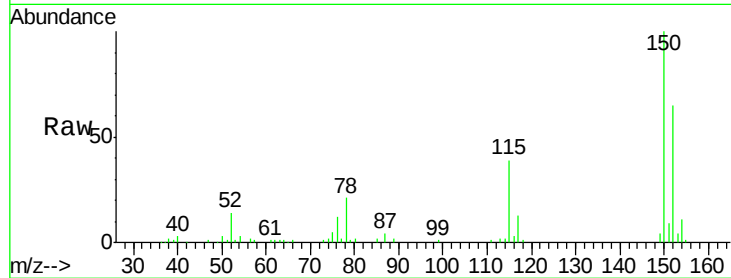
(#) = qualifier out of range (m) = manual integration (+) = signals summed



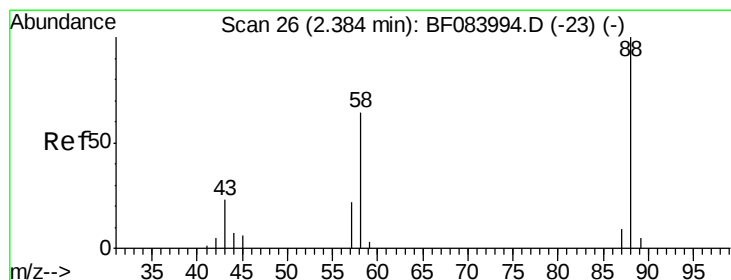
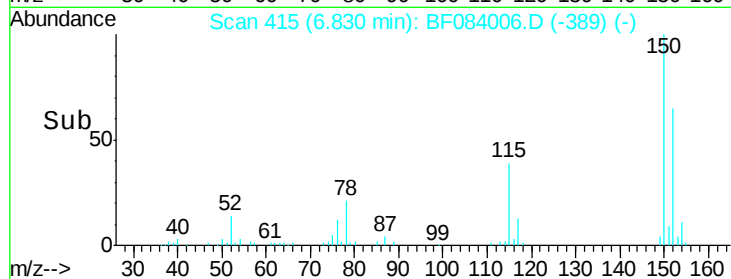
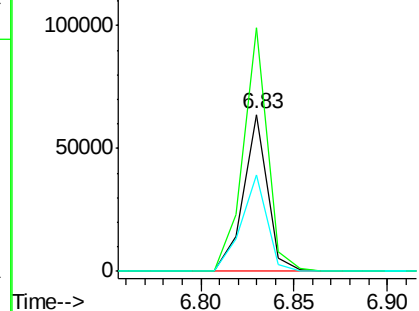
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.00 min
 Lab File: BF084006.D
 Acq: 22 Dec 2015 23:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tgt Ion:152 Resp: 57915
 Ion Ratio Lower Upper
 152 100
 150 154.9 123.0 184.4
 115 61.0 51.4 77.2

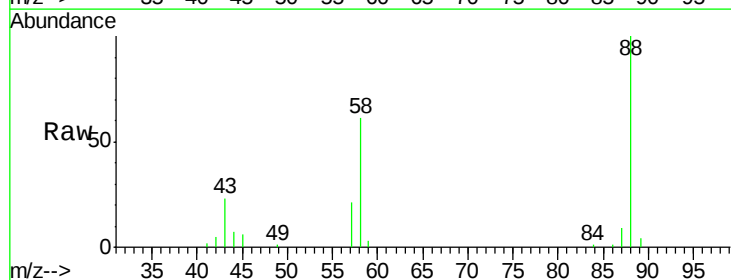


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

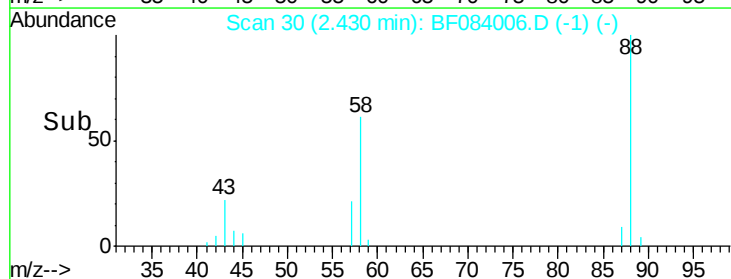
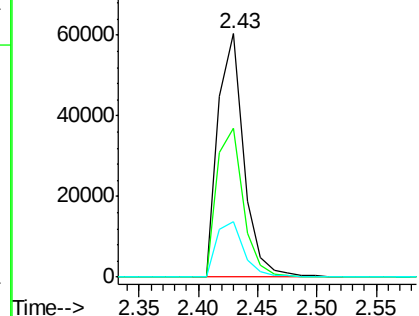


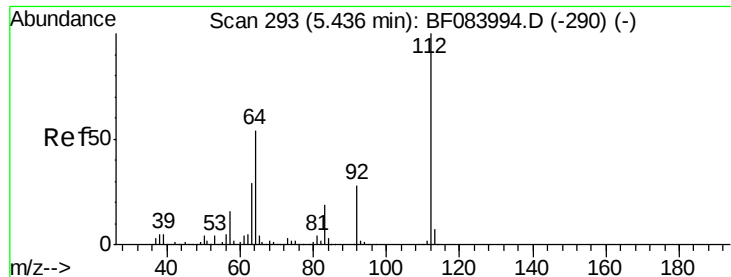
#2
 1,4-Dioxane
 Concen: 56.13 ng
 RT: 2.43 min Scan# 30
 Delta R.T. 0.05 min
 Lab File: BF084006.D
 Acq: 22 Dec 2015 23:37

Tgt Ion: 88 Resp: 90772
 Ion Ratio Lower Upper
 88 100
 58 62.8 51.2 76.8
 43 24.1 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: 64.80 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.00 min

Lab File: BF084006.D

Acq: 22 Dec 2015 23:37

Instrument :

BNA_F

ClientSampleId :

MW-2

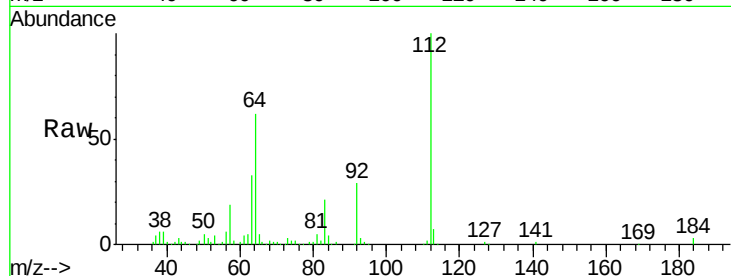
Tgt Ion: 112 Resp: 220115

Ion Ratio Lower Upper

112 100

64 61.8 36.6 55.0#

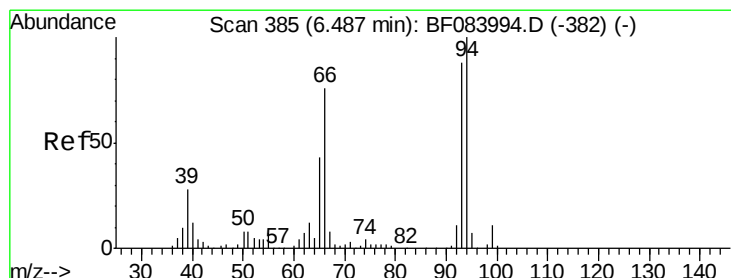
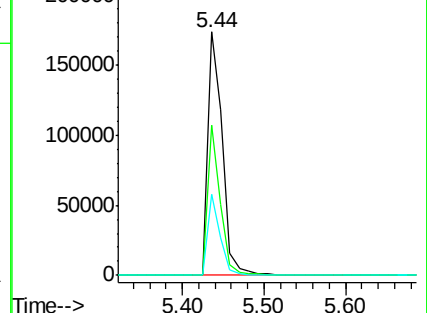
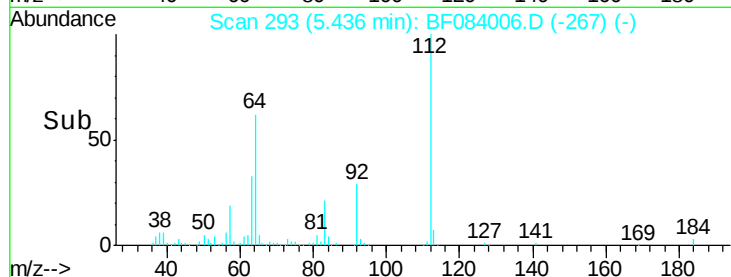
63 33.2 19.4 29.0#



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: 0.07 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.11 min

Lab File: BF084006.D

Acq: 22 Dec 2015 23:37

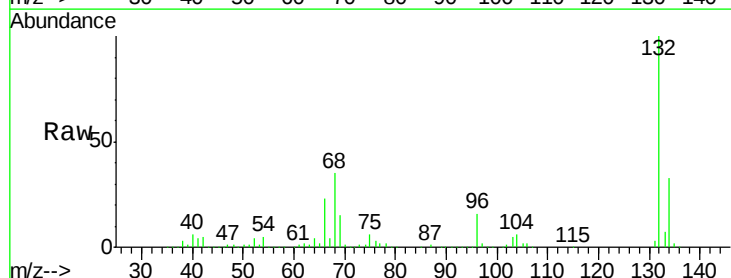
Tgt Ion: 93 Resp: 390

Ion Ratio Lower Upper

93 100

66 19485.4 44.9 67.3#

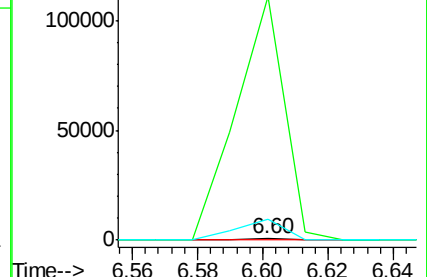
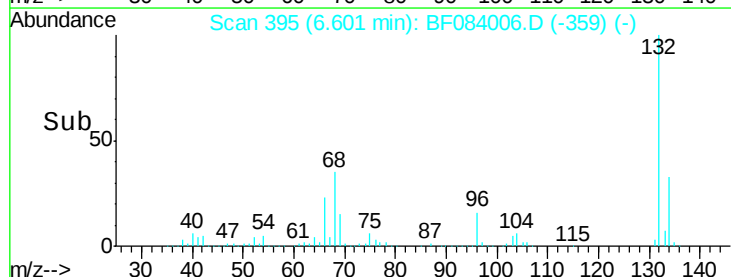
65 1712.3 23.7 35.5#

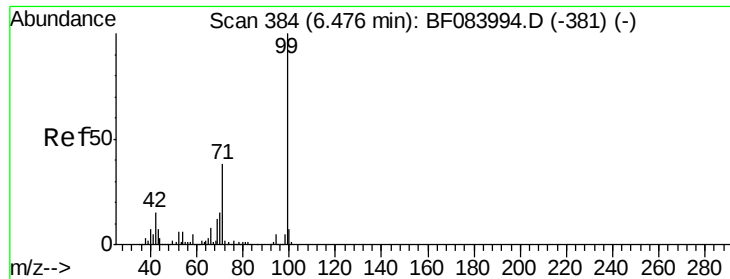


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 47.39 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084006.D

Acq: 22 Dec 2015 23:37

Instrument :

BNA_F

ClientSampleId :

MW-2

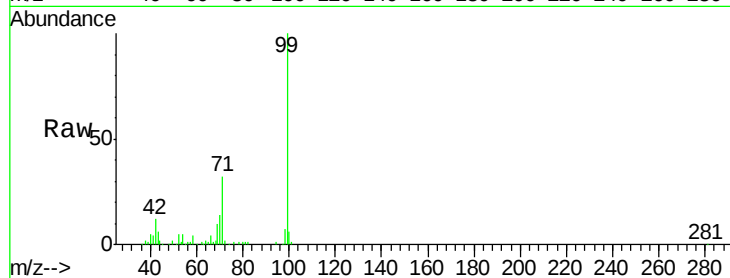
Tgt Ion: 99 Resp: 189246

Ion Ratio Lower Upper

99 100

42 11.6 12.8 19.2#

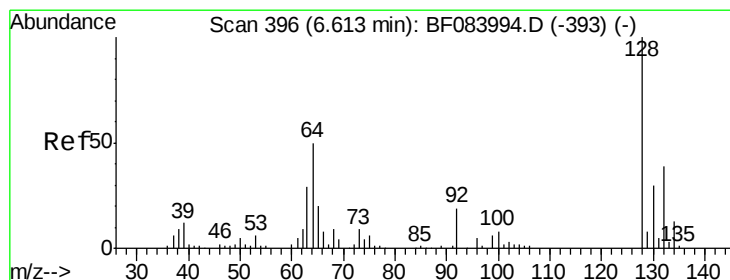
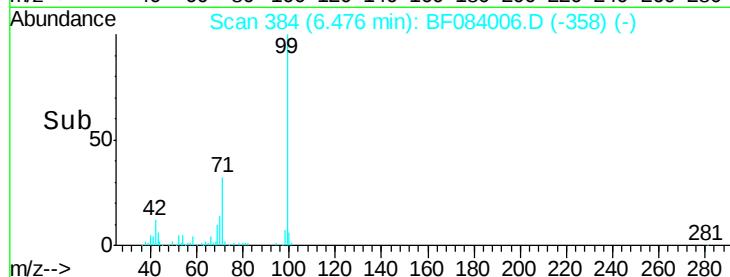
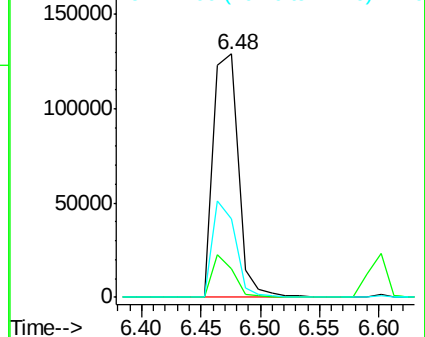
71 32.2 30.9 46.3



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



#8

2-Chlorophenol

Concen: 0.05 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF084006.D

Acq: 22 Dec 2015 23:37

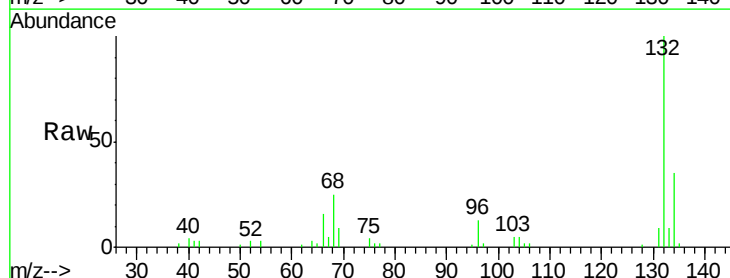
Tgt Ion: 128 Resp: 210

Ion Ratio Lower Upper

128 100

130 0.0 11.6 51.6#

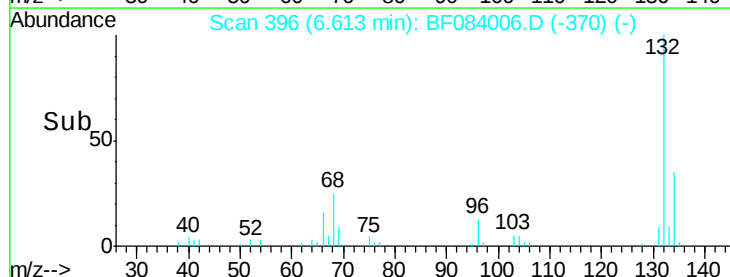
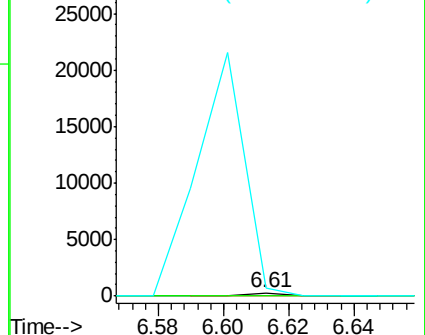
64 232.7 23.8 63.8#

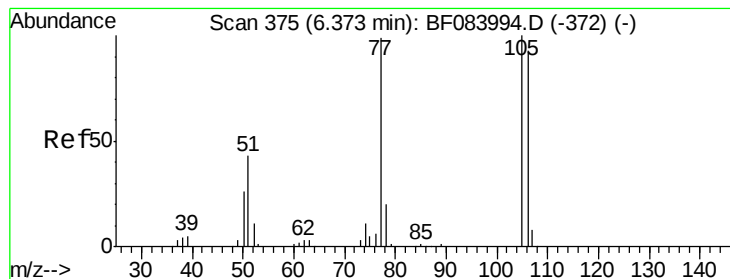


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.95 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.23 min

Lab File: BF084006.D

Acq: 22 Dec 2015 23:37

Instrument :

BNA_F

ClientSampleId :

MW-2

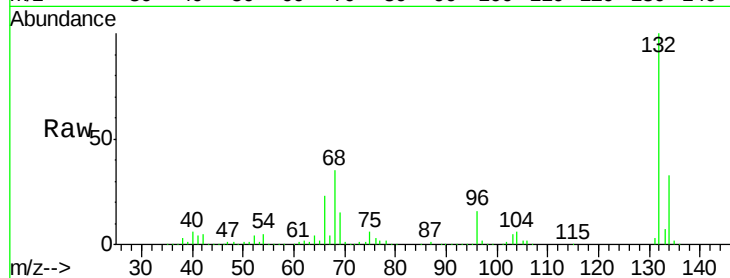
Tgt Ion: 77 Resp: 10543

Ion Ratio Lower Upper

77 100

105 90.1 83.0 123.0

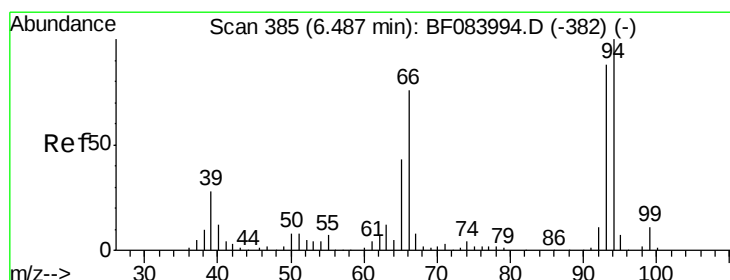
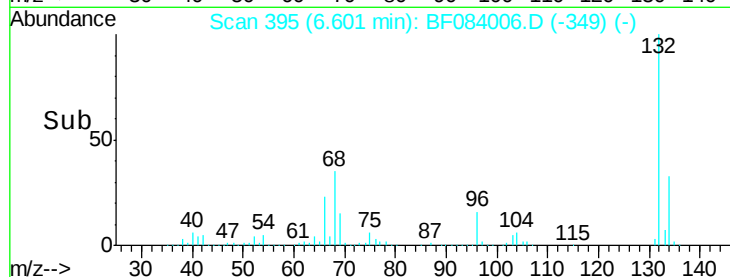
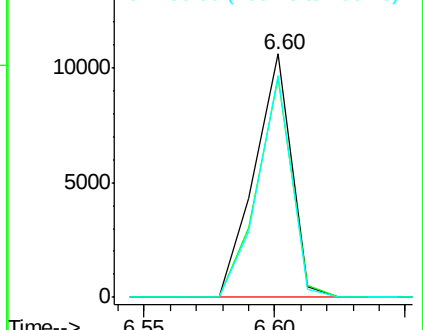
106 91.1 74.6 114.6



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: 0.52 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF084006.D

Acq: 22 Dec 2015 23:37

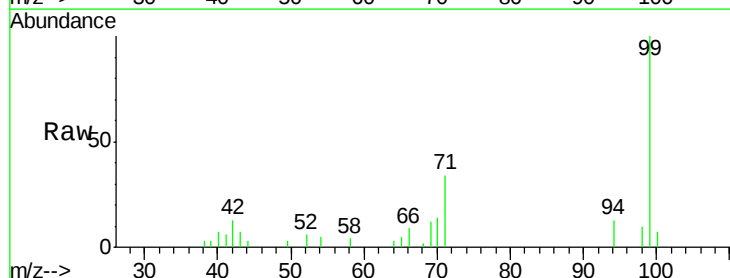
Tgt Ion: 94 Resp: 2380

Ion Ratio Lower Upper

94 100

65 35.1 12.9 52.9

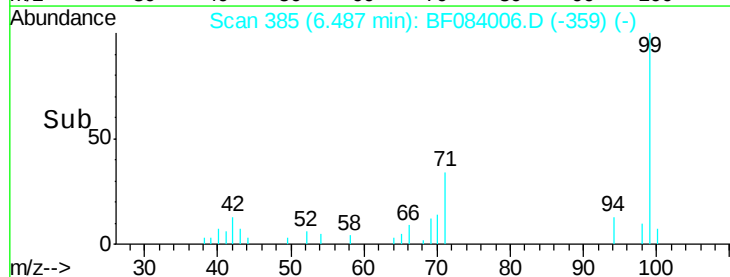
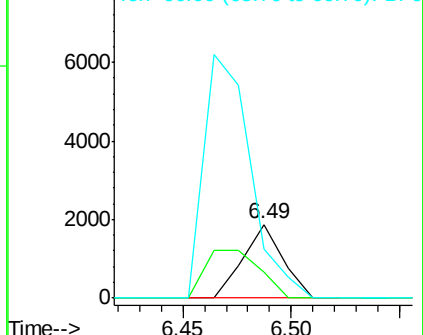
66 66.6 32.7 72.7

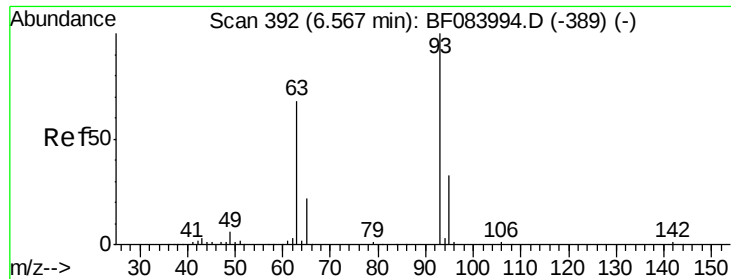


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

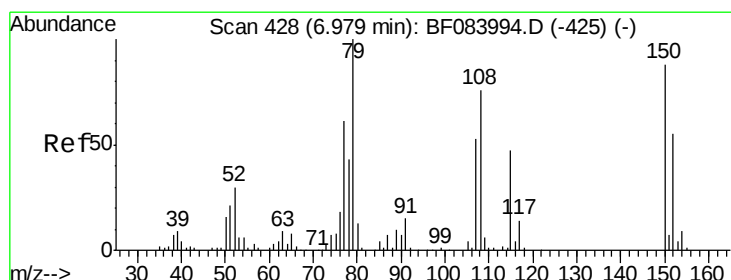
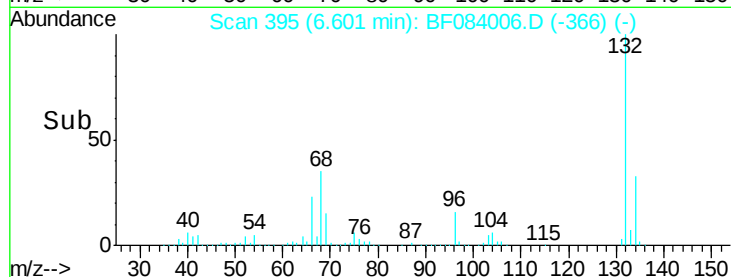
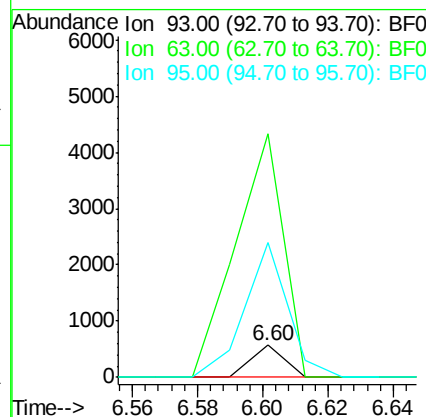
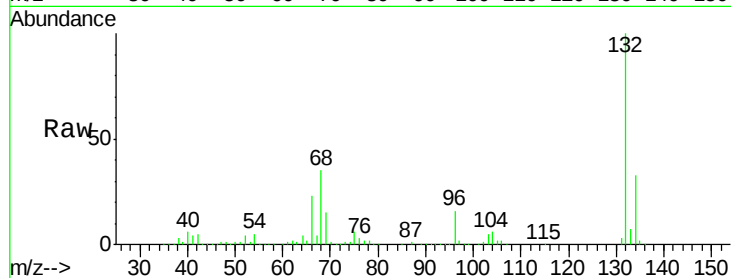




#11
bis(2-Chloroethyl)ether
Concen: 0.11 ng
RT: 6.60 min Scan# 395
Delta R.T. 0.03 min
Lab File: BF084006.D
Acq: 22 Dec 2015 23:37

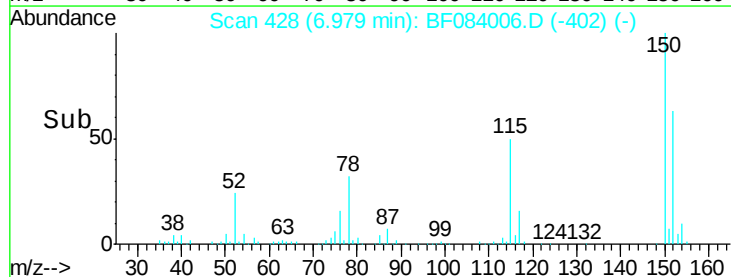
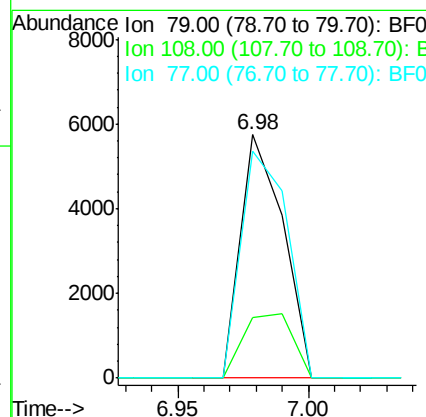
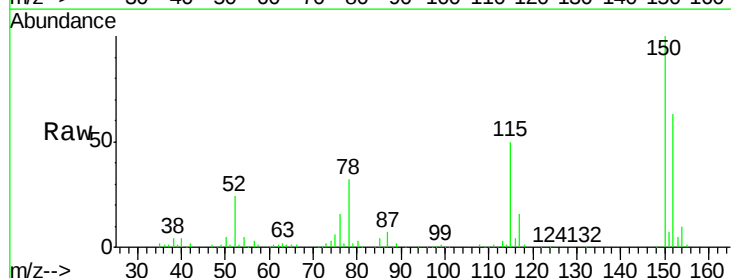
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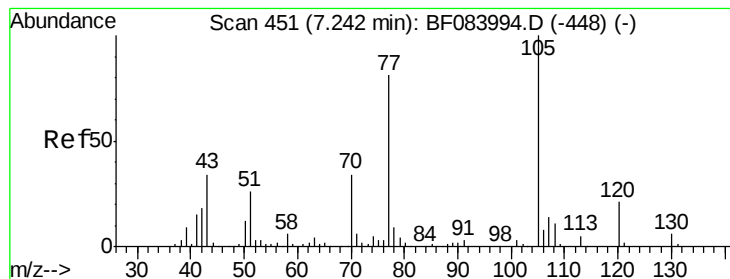
Tgt Ion: 93 Resp: 390
Ion Ratio Lower Upper
93 100
63 760.8 45.9 85.9#
95 419.5 12.3 52.3#



#15
Benzyl Alcohol
Concen: 2.09 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF084006.D
Acq: 22 Dec 2015 23:37

Tgt Ion: 79 Resp: 6575
Ion Ratio Lower Upper
79 100
108 24.7 69.0 103.4#
77 93.4 50.0 75.0#





#19

n-Nitroso-di-n-propylamine

Concen: 18.97 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.15 min

Lab File: BF084006.D

Acq: 22 Dec 2015 23:37

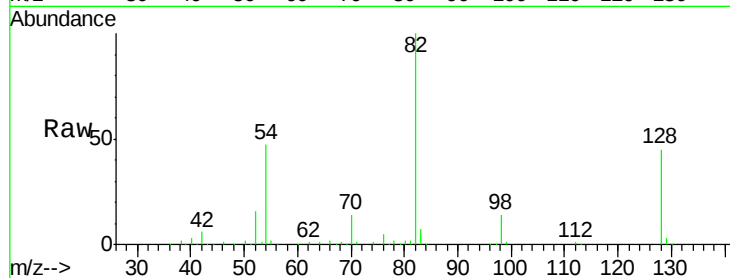
Instrument :

BNA_F

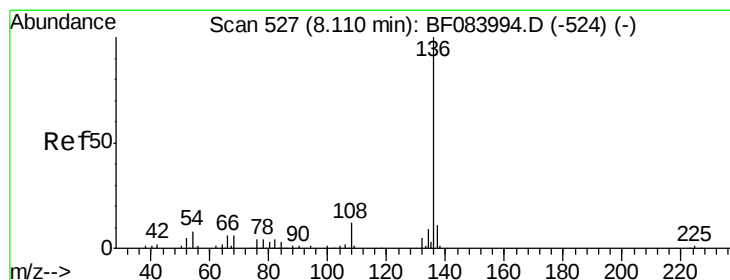
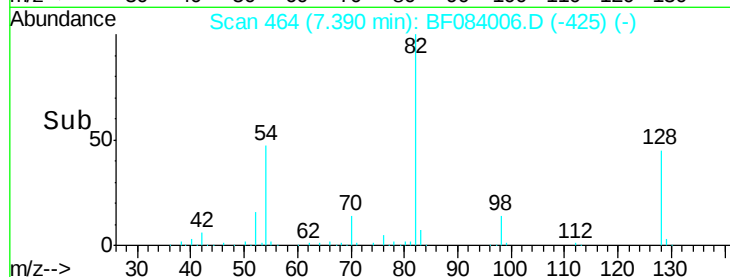
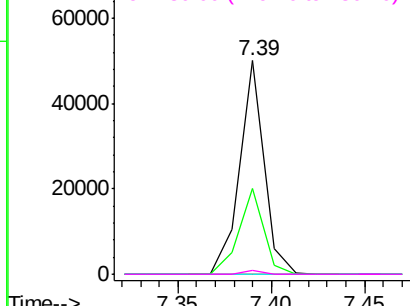
ClientSampleId :

MW-2

Tgt Ion:	70	Resp:	45914
Ion	Ratio	Lower	Upper
70	100		
42	40.2	33.3	49.9
101	0.0	9.3	13.9#
130	1.8	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): E
Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

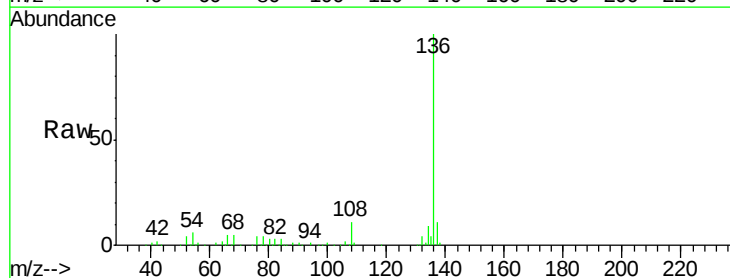
RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

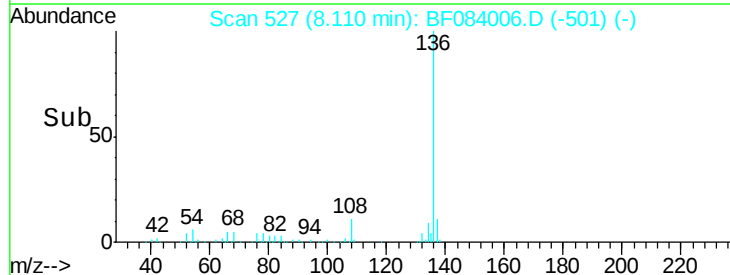
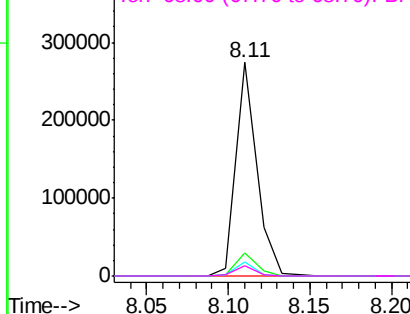
Lab File: BF084006.D

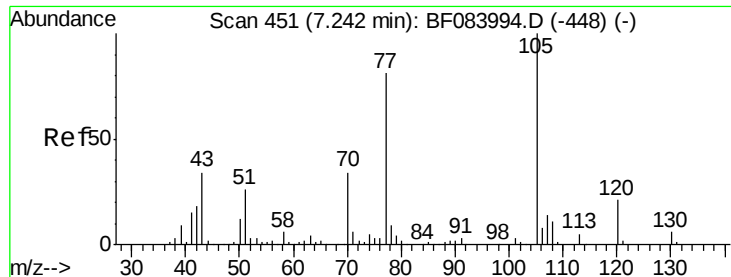
Acq: 22 Dec 2015 23:37

Tgt Ion:	136	Resp:	241163
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.4	5.8	8.8
68	5.1	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: 0.04 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.16 min

Lab File: BF084006.D

Acq: 22 Dec 2015 23:37

Instrument :

BNA_F

ClientSampled :

MW-2

Tgt Ion: 105 Resp: 241

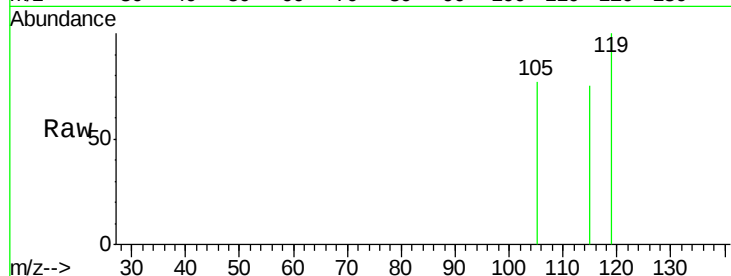
Ion Ratio Lower Upper

105 100

71 0.0 3.7 5.5#

51 0.0 25.1 37.7#

120 0.0 16.6 25.0#

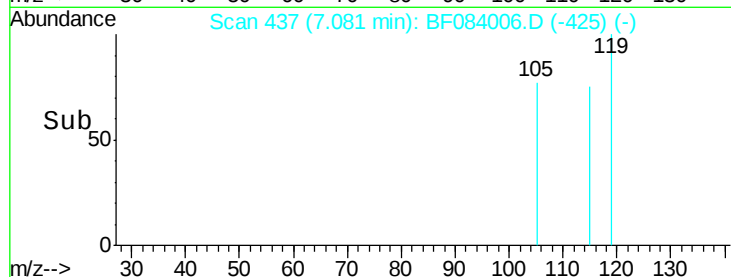
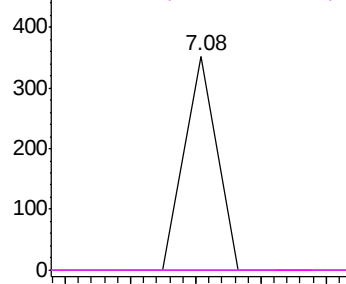


Abundance Ion 105.00 (104.70 to 105.70): E

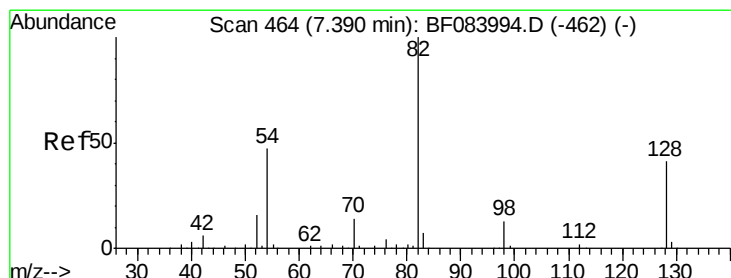
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->



#23

Nitrobenzene-d5

Concen: 85.96 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF084006.D

Acq: 22 Dec 2015 23:37

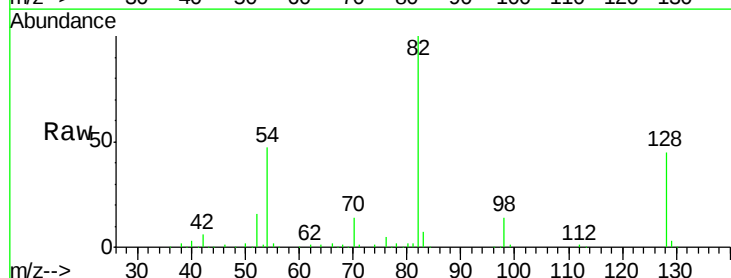
Tgt Ion: 82 Resp: 337440

Ion Ratio Lower Upper

82 100

128 44.8 34.6 51.8

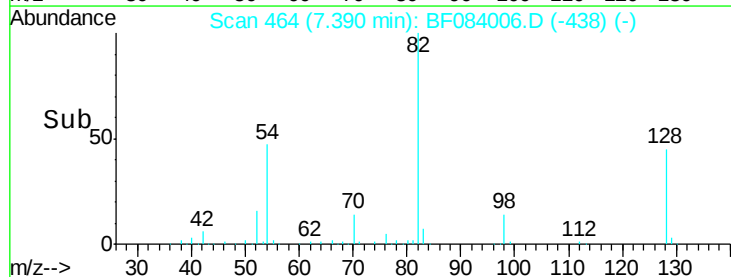
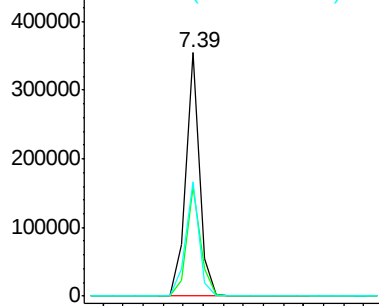
54 47.2 38.4 57.6



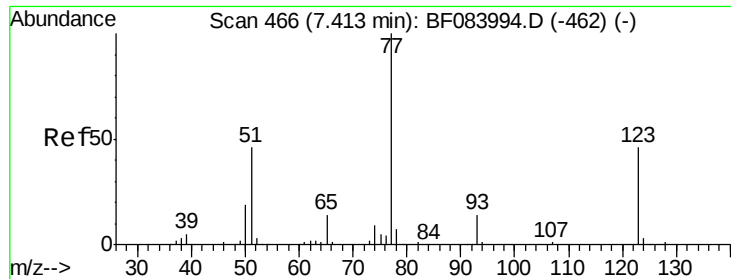
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



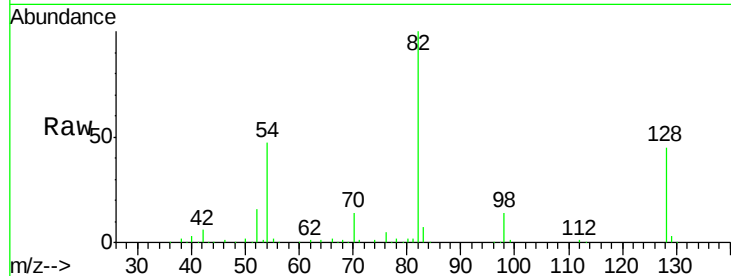
Time-->



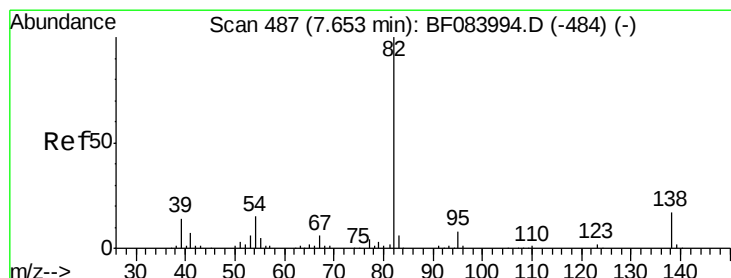
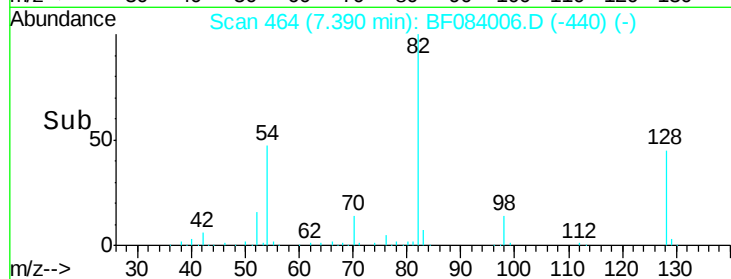
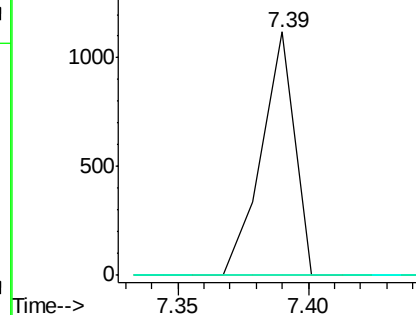
#24
 Nitrobenzene
 Concen: 0.25 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.02 min
 Lab File: BF084006.D
 Acq: 22 Dec 2015 23:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tgt Ion: 77 Resp: 999
 Ion Ratio Lower Upper
 77 100
 123 0.0 37.4 56.2#
 65 0.0 10.9 16.3#

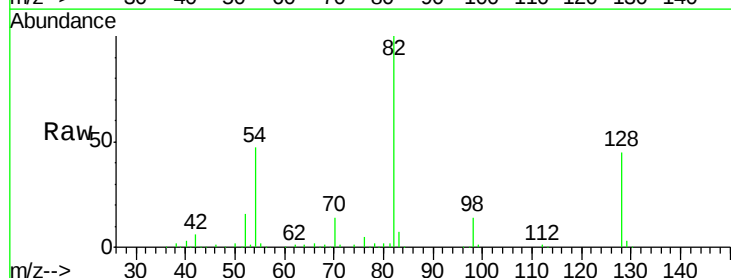


Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0

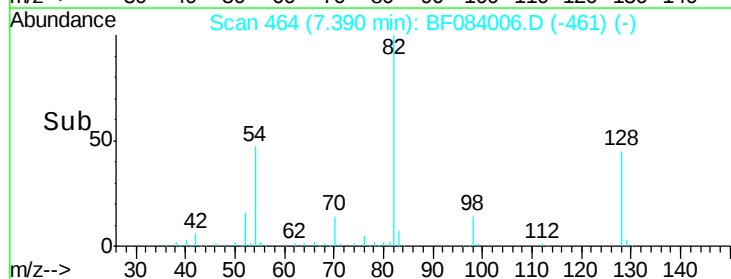
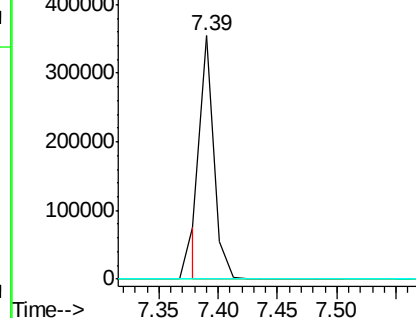


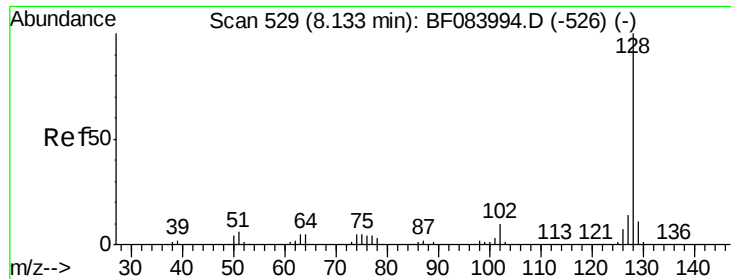
#25
 Isophorone
 Concen: 38.40 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.26 min
 Lab File: BF084006.D
 Acq: 22 Dec 2015 23:37

Tgt Ion: 82 Resp: 285677
 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

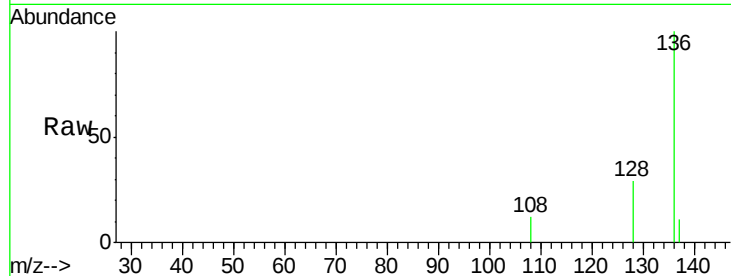




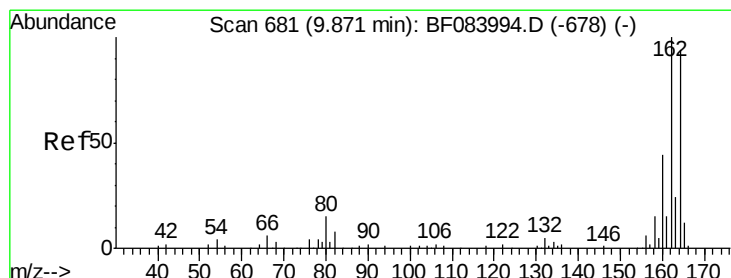
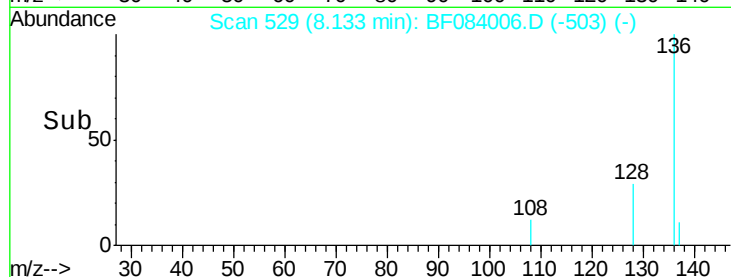
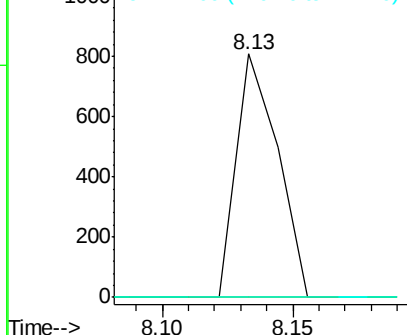
#31
Naphthalene
Concen: 0.07 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF084006.D
Acq: 22 Dec 2015 23:37

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:128 Resp: 896
Ion Ratio Lower Upper
128 100
129 0.0 9.1 13.7#
127 0.0 11.1 16.7#

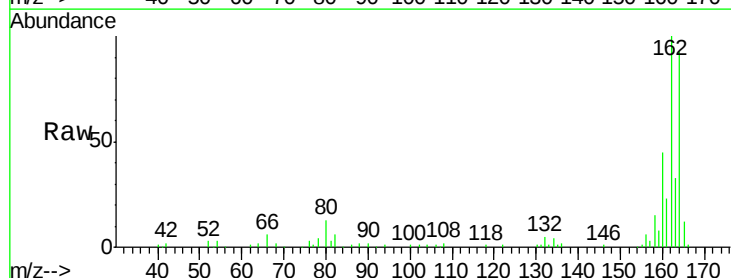


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

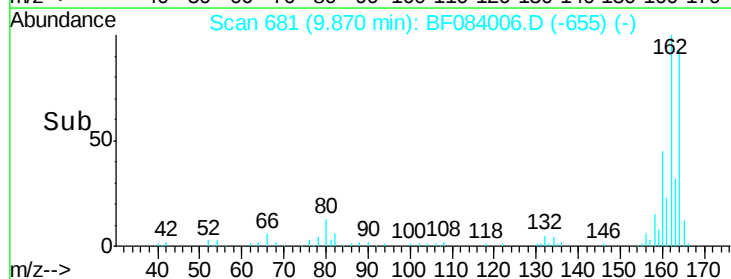
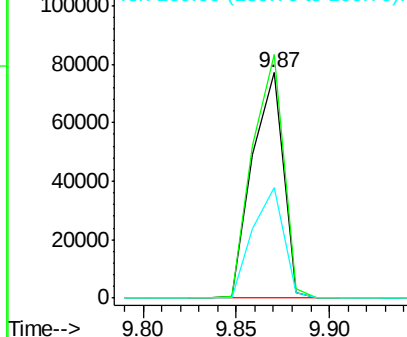


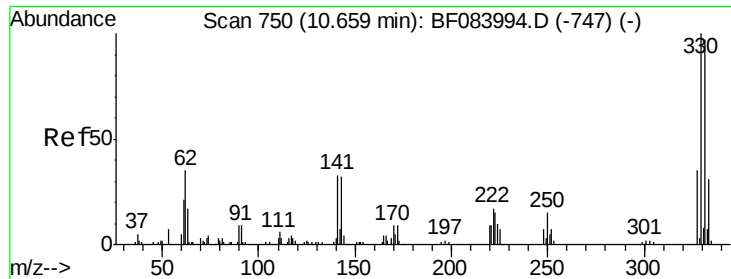
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF084006.D
Acq: 22 Dec 2015 23:37

Tgt Ion:164 Resp: 88476
Ion Ratio Lower Upper
164 100
162 108.0 85.1 127.7
160 49.1 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

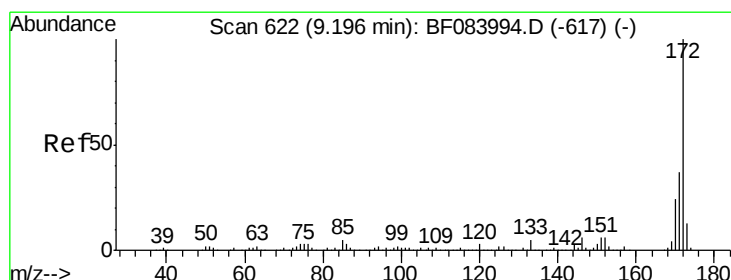
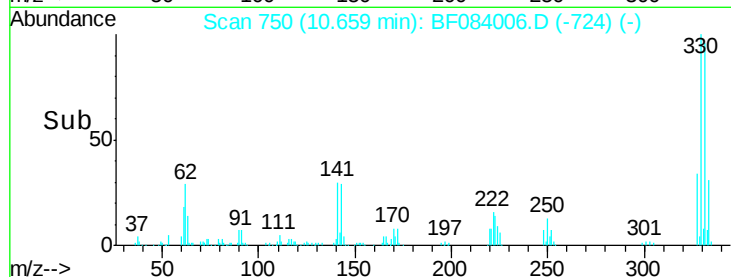
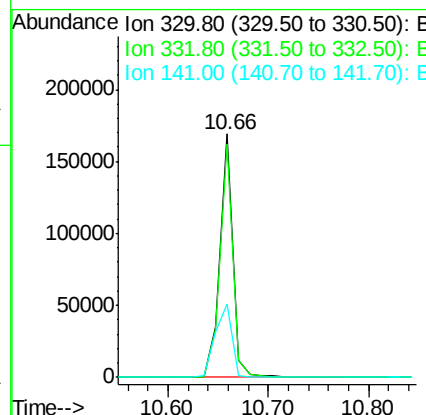
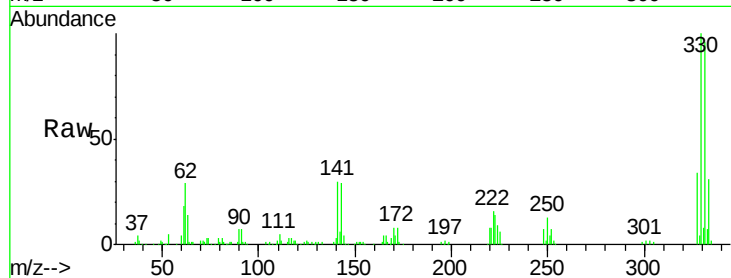




#41
 2,4,6-Tribromophenol
 Concen: 178.55 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF084006.D
 Acq: 22 Dec 2015 23:37

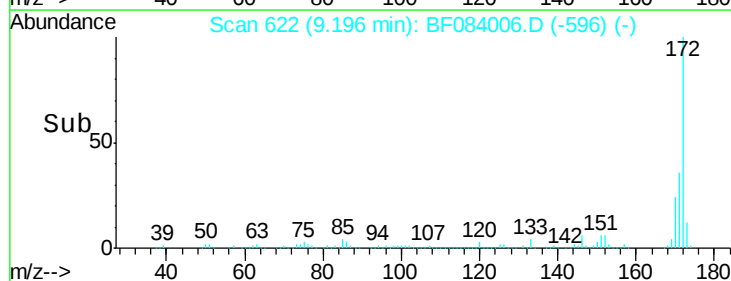
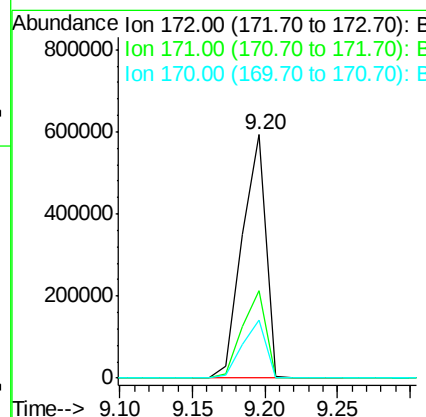
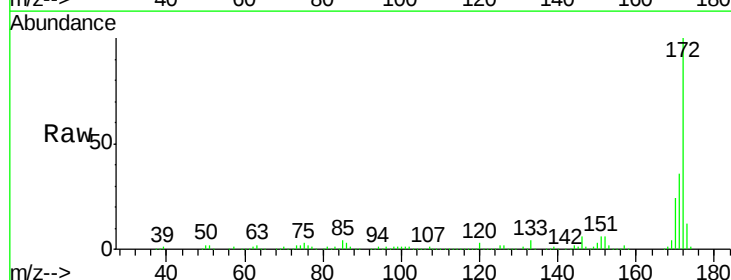
Instrument :
 BNA_F
 ClientSampled :
 MW-2

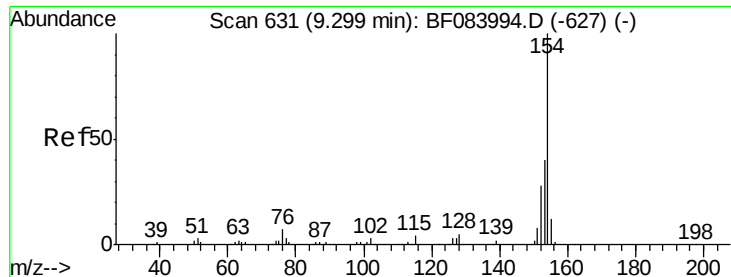
Tgt Ion:330 Resp: 151953
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 114.8
 141 39.0 27.8 41.6



#44
 2-Fluorobiphenyl
 Concen: 102.07 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF084006.D
 Acq: 22 Dec 2015 23:37

Tgt Ion:172 Resp: 671009
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.9 43.3
 170 23.9 18.6 27.8





#45

1,1'-Biphenyl

Concen: 0.17 ng

RT: 9.20 min Scan# 622

Delta R.T. -0.10 min

Lab File: BF084006.D

Acq: 22 Dec 2015 23:37

Instrument :

BNA_F

ClientSampleId :

MW-2

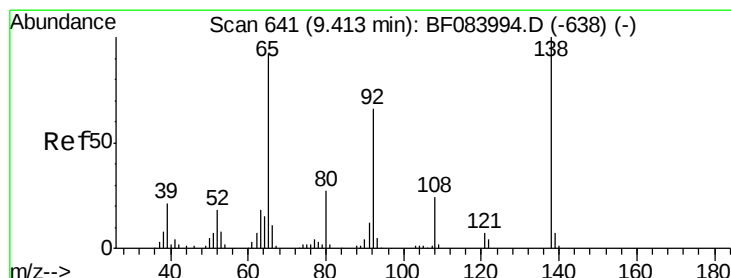
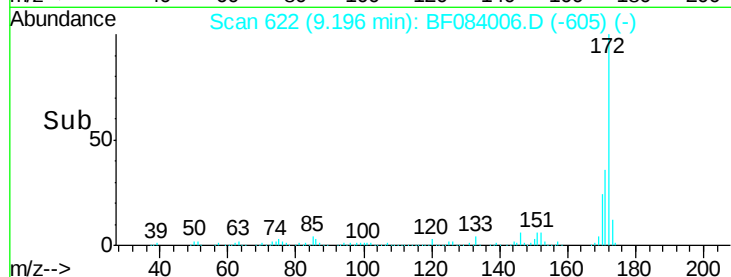
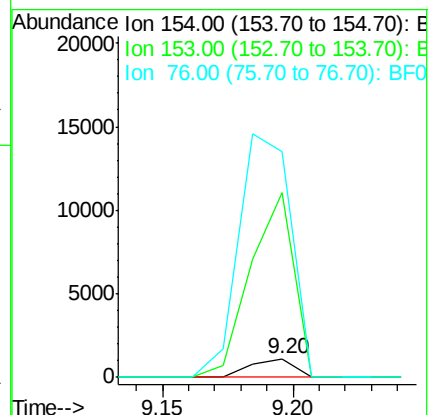
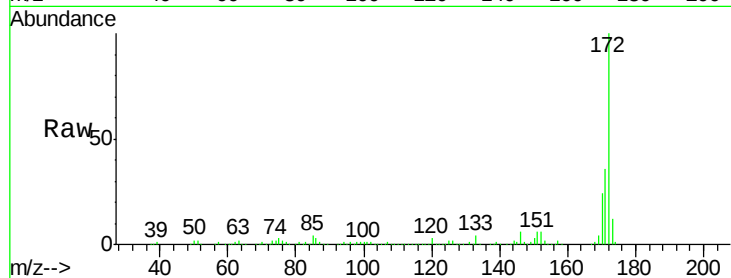
Tgt Ion:154 Resp: 1320

Ion Ratio Lower Upper

154 100

153 989.1 21.6 61.6#

76 1207.3 0.0 32.7#



#47

2-Nitroaniline

Concen: 0.57 ng

RT: 9.18 min Scan# 621

Delta R.T. -0.23 min

Lab File: BF084006.D

Acq: 22 Dec 2015 23:37

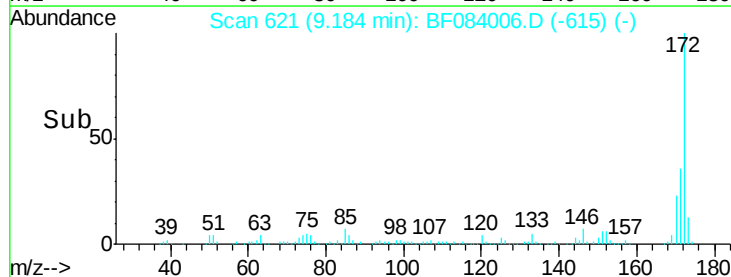
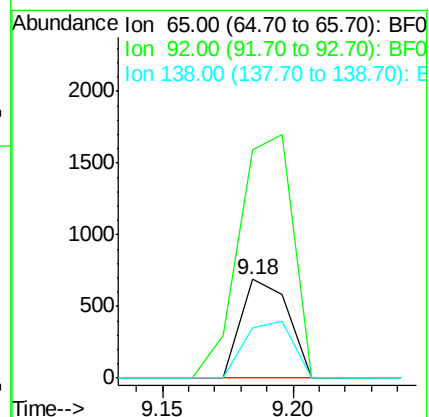
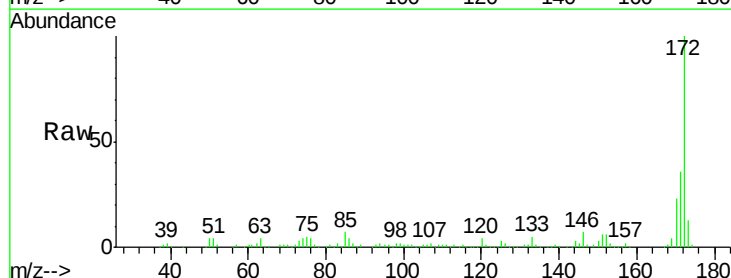
Tgt Ion: 65 Resp: 872

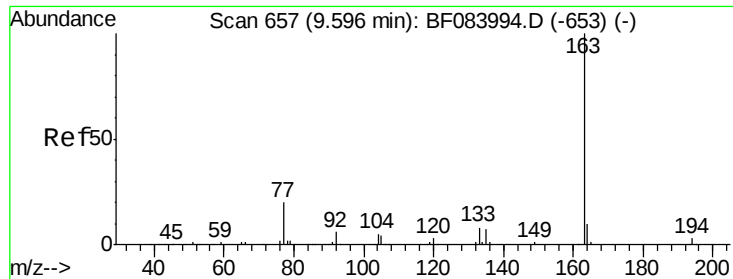
Ion Ratio Lower Upper

65 100

92 232.0 53.4 80.2#

138 50.7 71.1 106.7#

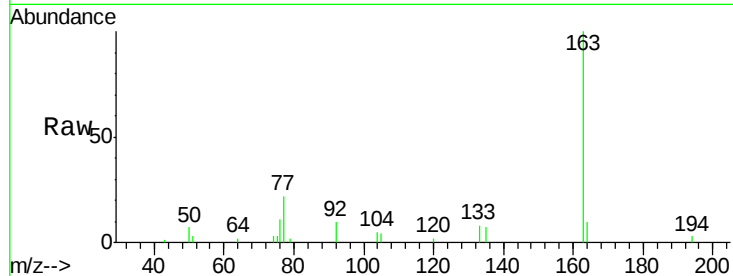




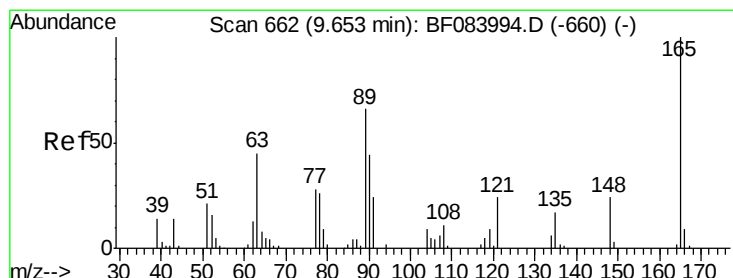
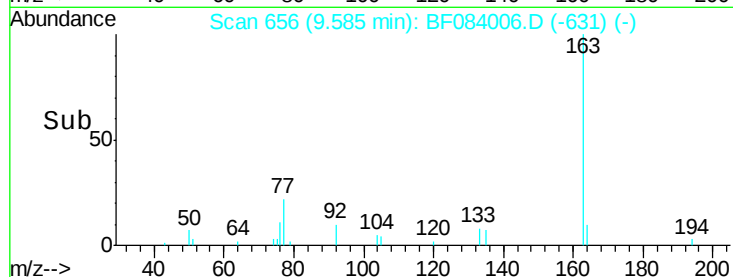
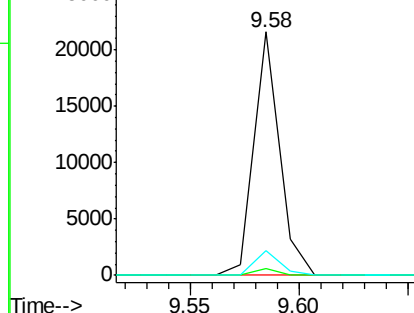
#49
Dimethylphthalate
Concen: 2.55 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF084006.D
Acq: 22 Dec 2015 23:37

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:163 Resp: 17622
Ion Ratio Lower Upper
163 100
194 3.0 8.0 12.0#
164 10.1 8.0 12.0

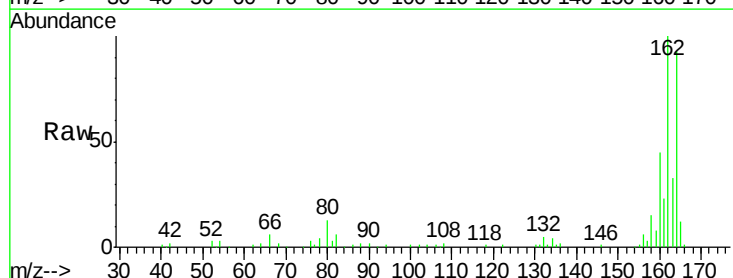


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

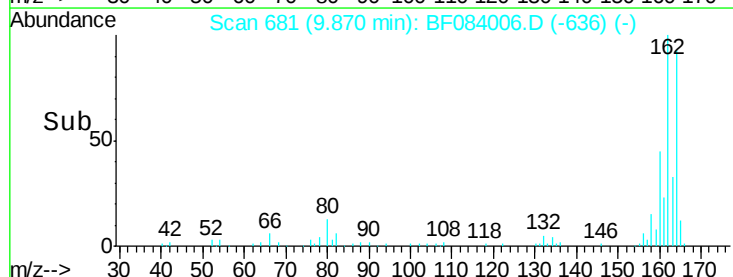
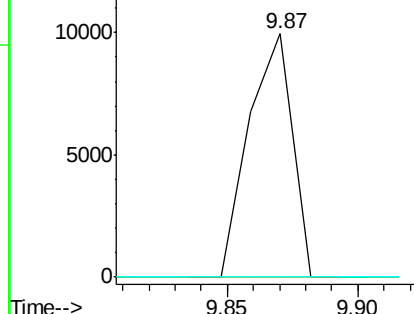


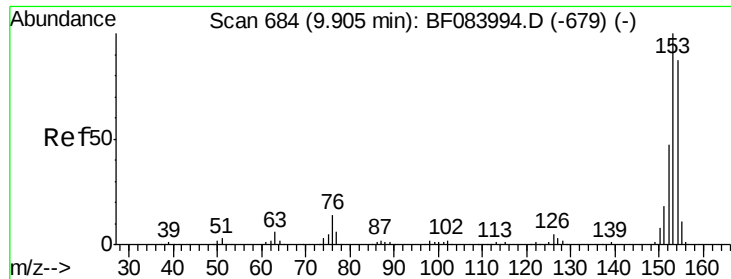
#50
2,6-Dinitrotoluene
Concen: 7.86 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.22 min
Lab File: BF084006.D
Acq: 22 Dec 2015 23:37

Tgt Ion:165 Resp: 11488
Ion Ratio Lower Upper
165 100
63 0.0 28.8 43.2#
89 0.0 35.1 52.7#



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





#51

Acenaphthene

Concen: 0.04 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF084006.D

Acq: 22 Dec 2015 23:37

Instrument :

BNA_F

ClientSampleId :

MW-2

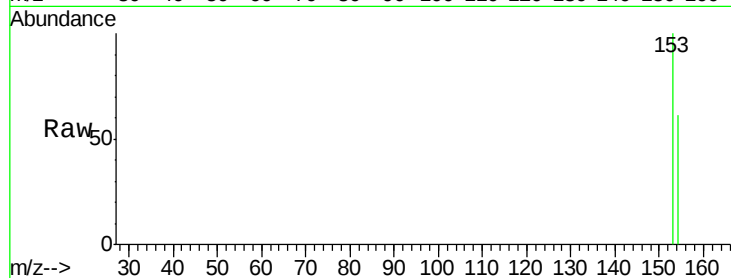
Tgt Ion:154 Resp: 231

Ion Ratio Lower Upper

154 100

153 162.6 91.5 137.3#

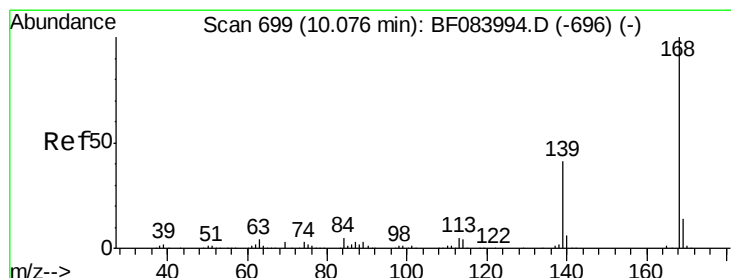
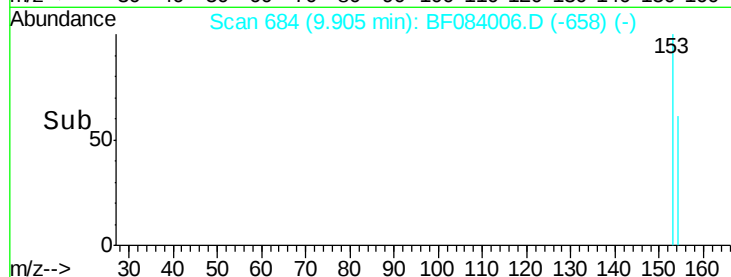
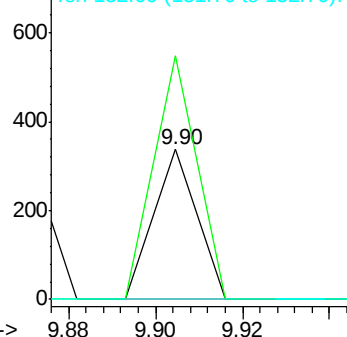
152 0.0 43.0 64.6#



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

Dibenzofuran

Concen: 0.18 ng

RT: 10.08 min Scan# 699

Delta R.T. -0.00 min

Lab File: BF084006.D

Acq: 22 Dec 2015 23:37

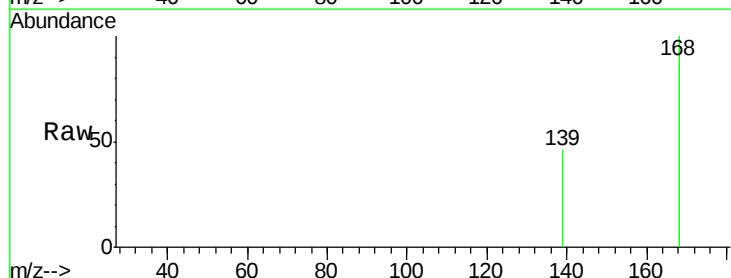
Tgt Ion:168 Resp: 1433

Ion Ratio Lower Upper

168 100

139 46.5 30.5 45.7#

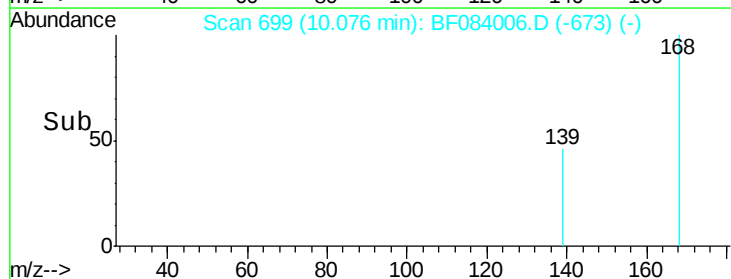
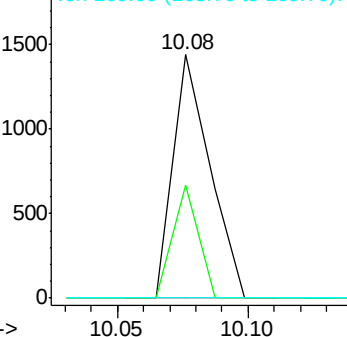
169 0.0 10.4 15.6#

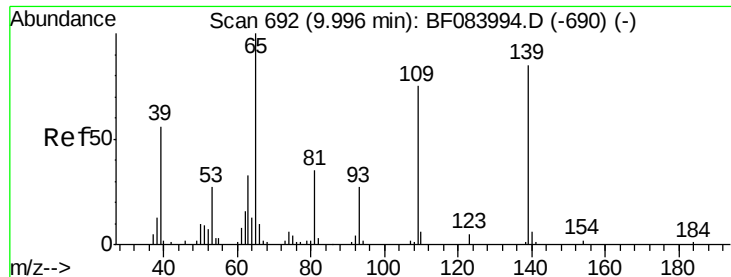


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 0.50 ng

RT: 10.08 min Scan# 699

Delta R.T. 0.08 min

Lab File: BF084006.D

Acq: 22 Dec 2015 23:37

Instrument :

BNA_F

ClientSampleId :

MW-2

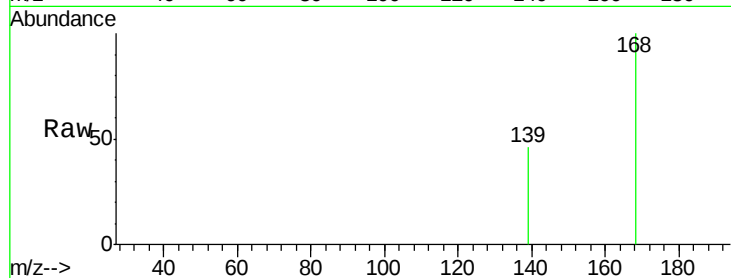
Tgt Ion:139 Resp: 459

Ion Ratio Lower Upper

139 100

109 0.0 58.5 98.5#

65 0.0 57.6 97.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

10.08

600

400

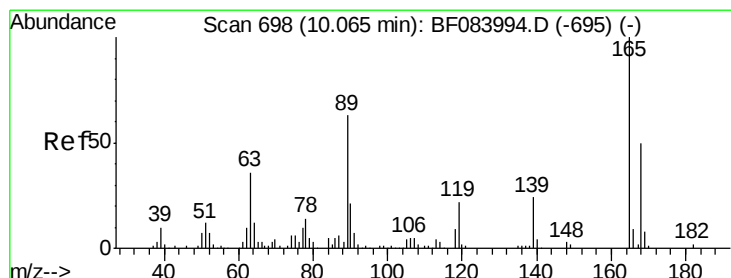
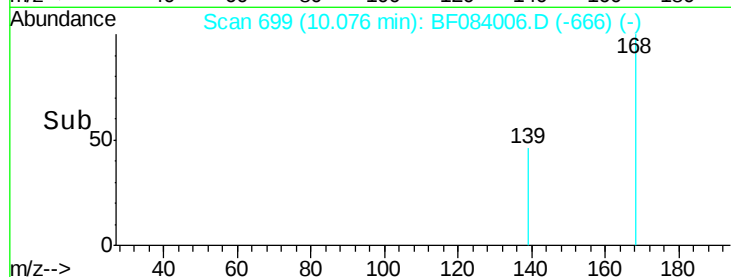
200

0

10.05

10.10

Time-->



#56

2,4-Dinitrotoluene

Concen: 6.25 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.19 min

Lab File: BF084006.D

Acq: 22 Dec 2015 23:37

Tgt Ion:165 Resp: 11488

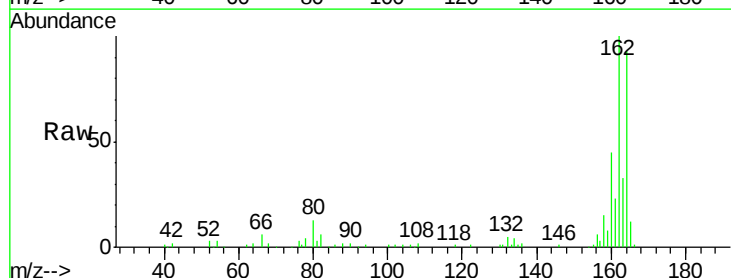
Ion Ratio Lower Upper

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

15000

10000

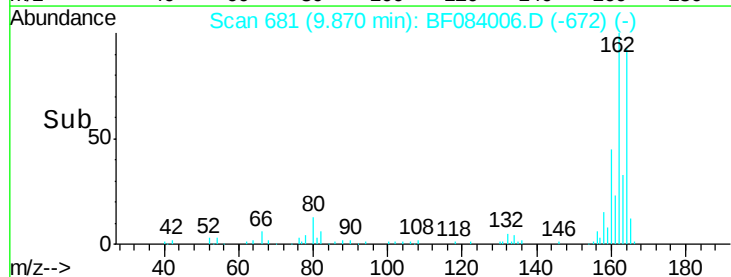
5000

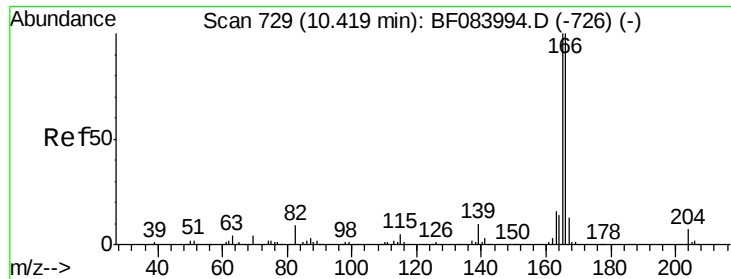
0

9.85

9.90

Time-->

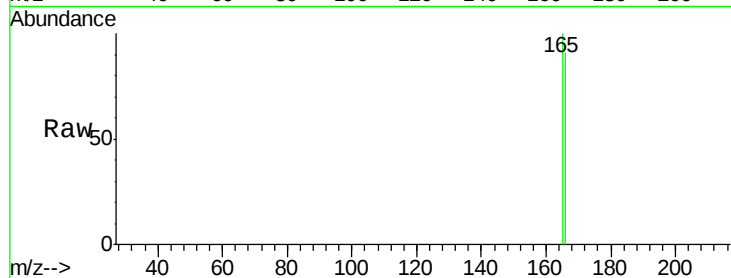




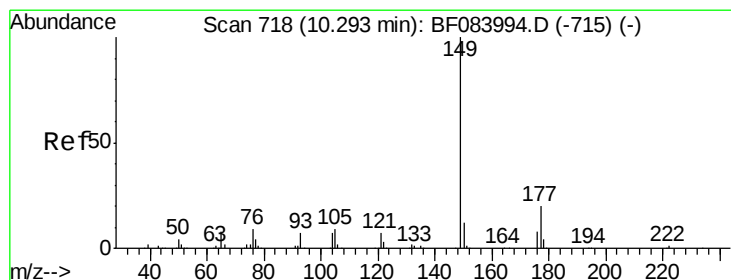
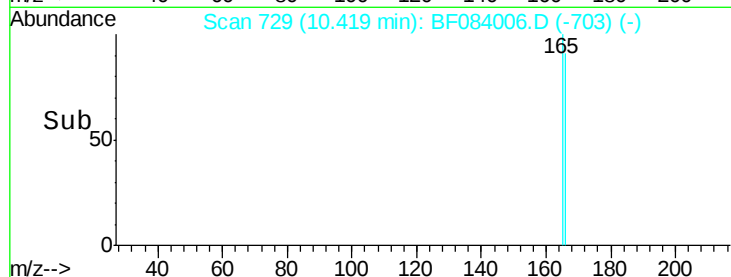
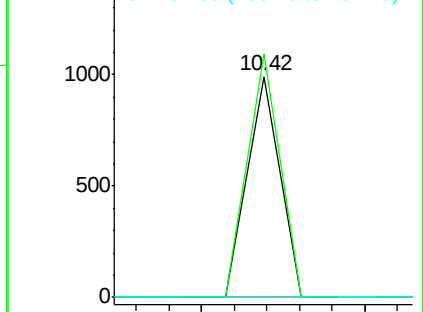
#57
 Fluorene
 Concen: 0.11 ng
 RT: 10.42 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: BF084006.D
 Acq: 22 Dec 2015 23:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tgt Ion:166 Resp: 682
 Ion Ratio Lower Upper
 166 100
 165 110.1 79.1 118.7
 167 0.0 10.4 15.6#

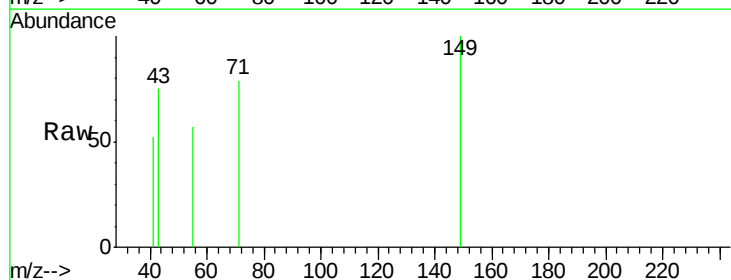


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

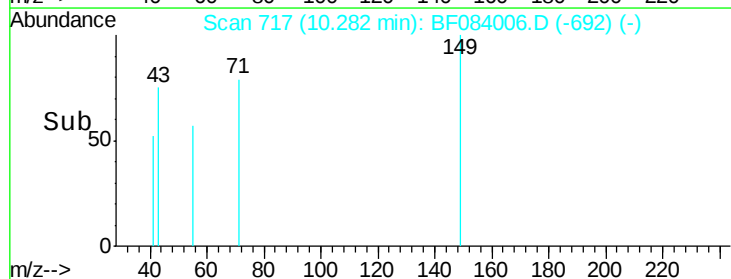
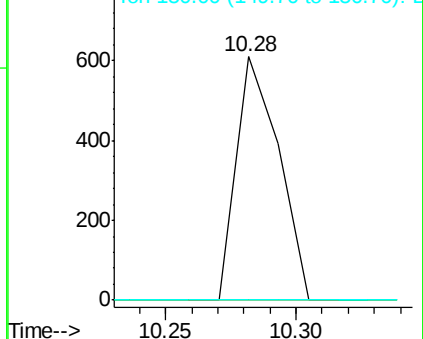


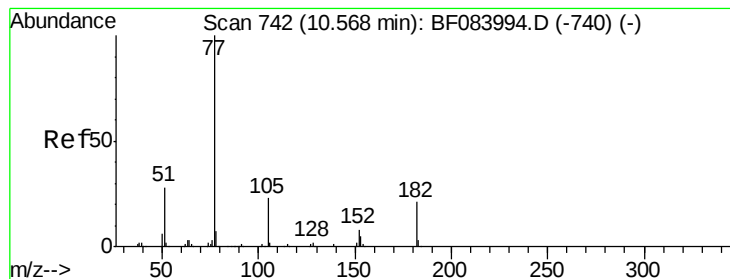
#59
 Diethylphthalate
 Concen: 0.10 ng
 RT: 10.28 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: BF084006.D
 Acq: 22 Dec 2015 23:37

Tgt Ion:149 Resp: 688
 Ion Ratio Lower Upper
 149 100
 177 0.0 17.3 25.9#
 150 0.0 9.8 14.8#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#62

Azobenzene

Concen: 0.12 ng

RT: 10.66 min Scan# 750

Delta R.T. 0.09 min

Lab File: BF084006.D

Acq: 22 Dec 2015 23:37

Instrument :

BNA_F

ClientSampleId :

MW-2

Tgt Ion: 77 Resp: 743

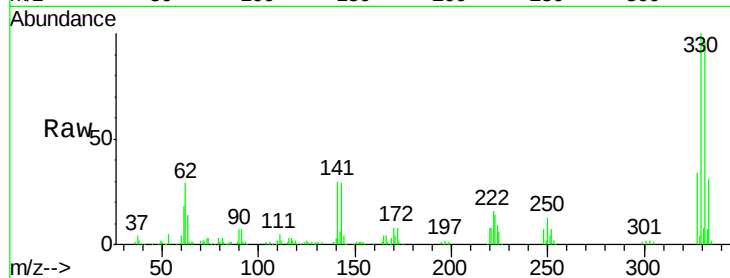
Ion Ratio Lower Upper

77 100

182 0.0 8.3 48.3#

105 94.2 4.6 44.6#

51 63.6 6.2 46.2#

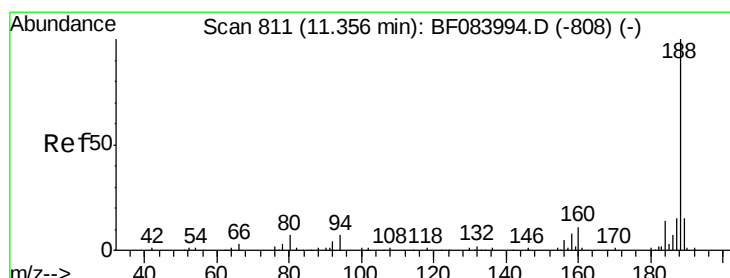
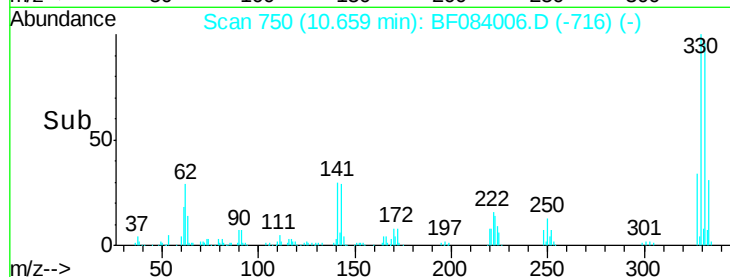
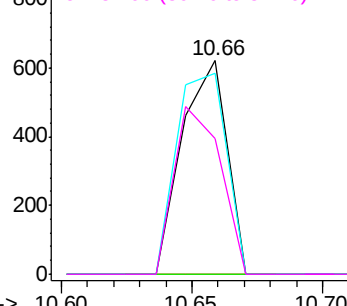


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF084006.D

Acq: 22 Dec 2015 23:37

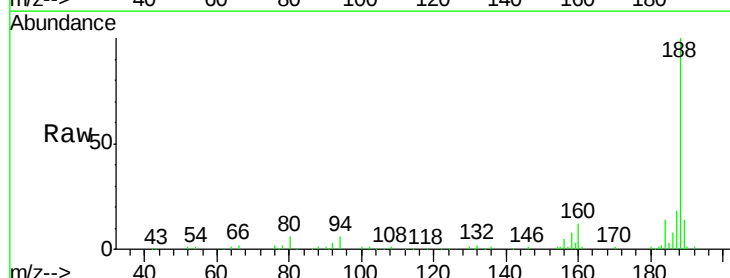
Tgt Ion: 188 Resp: 168763

Ion Ratio Lower Upper

188 100

94 5.8 9.0 13.4#

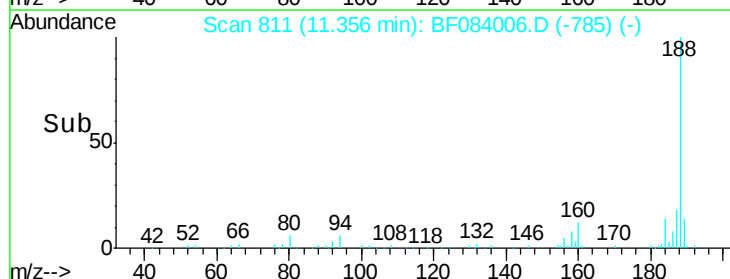
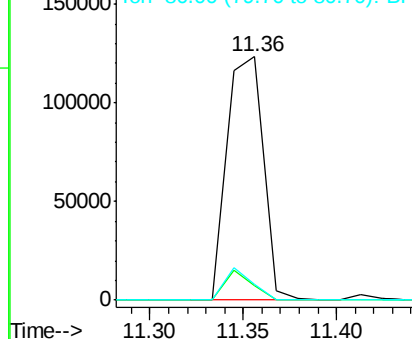
80 6.2 9.6 14.4#

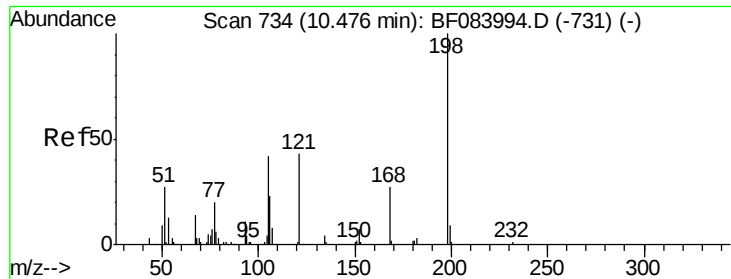


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 0.29 ng

RT: 10.66 min Scan# 750

Delta R.T. 0.18 min

Lab File: BF084006.D

Acq: 22 Dec 2015 23:37

Instrument :

BNA_F

ClientSampleId :

MW-2

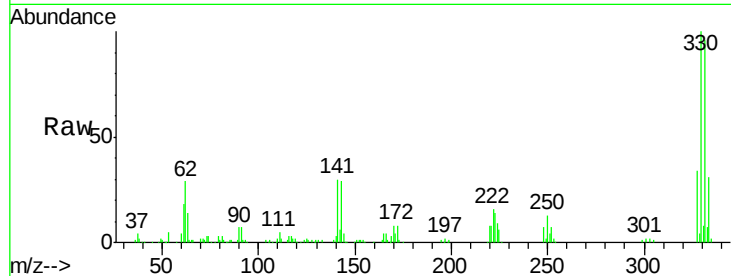
Tgt Ion:198 Resp: 291

Ion Ratio Lower Upper

198 100

51 92.9 18.9 58.9#

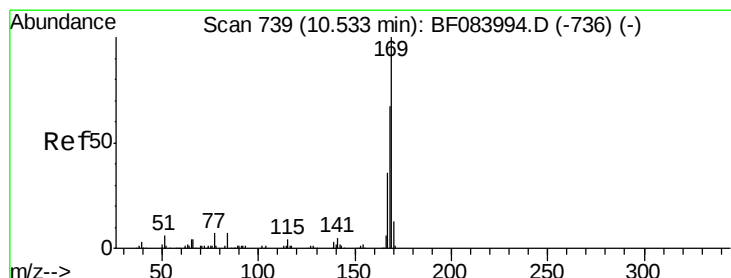
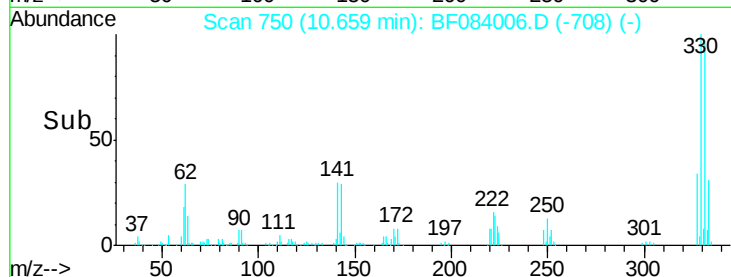
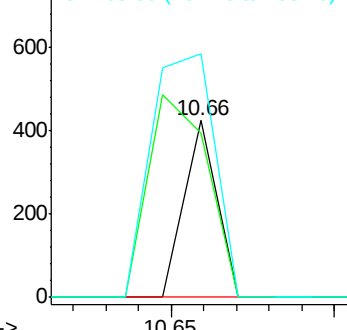
105 137.6 26.4 66.4#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 0.81 ng

RT: 10.66 min Scan# 750

Delta R.T. 0.13 min

Lab File: BF084006.D

Acq: 22 Dec 2015 23:37

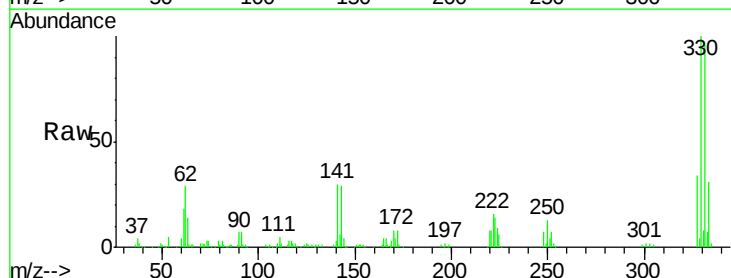
Tgt Ion:169 Resp: 5079

Ion Ratio Lower Upper

169 100

168 7.1 55.1 82.7#

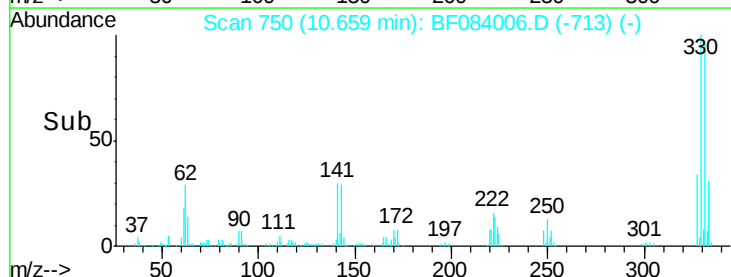
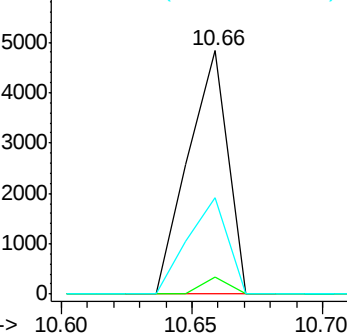
167 39.6 30.0 45.0

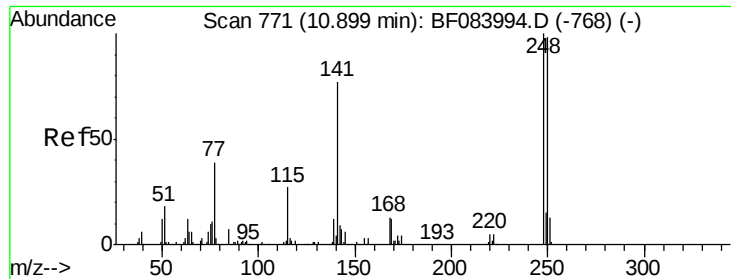


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

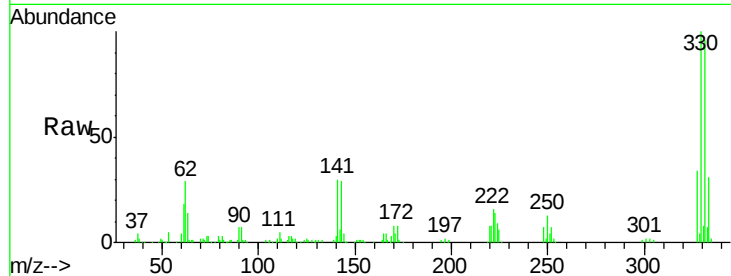




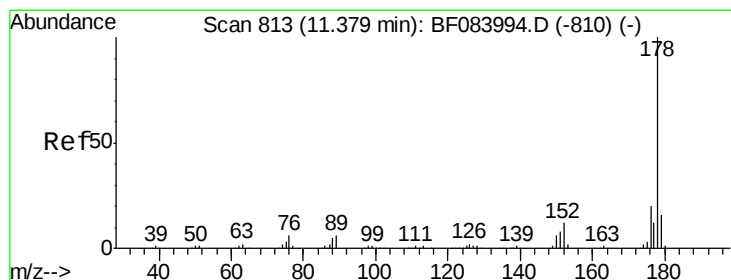
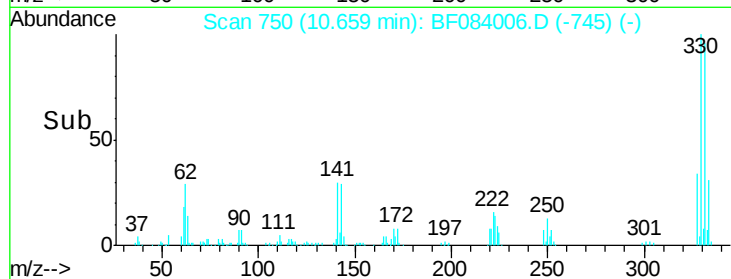
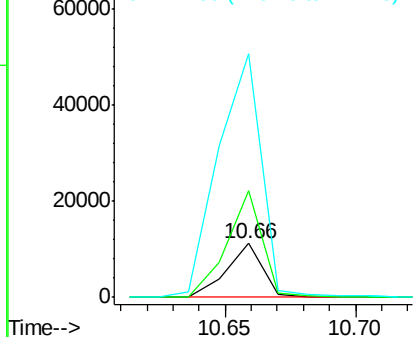
#66
 4-Bromophenyl-phenylether
 Concen: 5.58 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.24 min
 Lab File: BF084006.D
 Acq: 22 Dec 2015 23:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tgt Ion:248 Resp: 10801
 Ion Ratio Lower Upper
 248 100
 250 197.3 78.4 117.6#
 141 449.9 44.0 66.0#

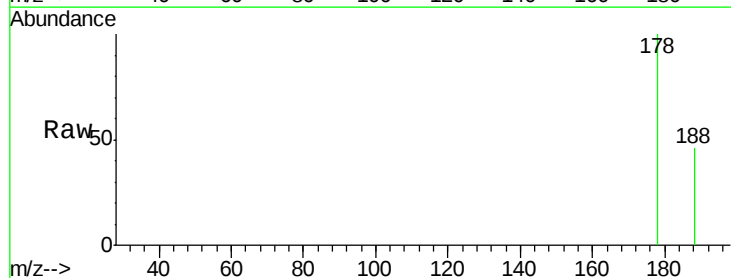


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

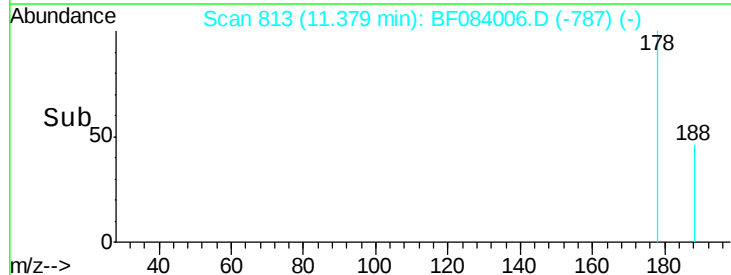
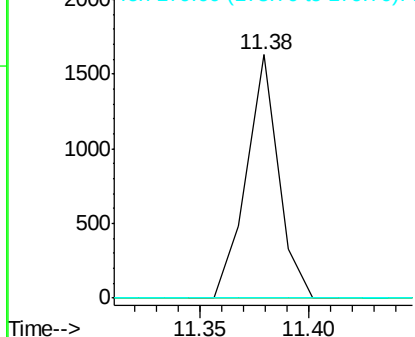


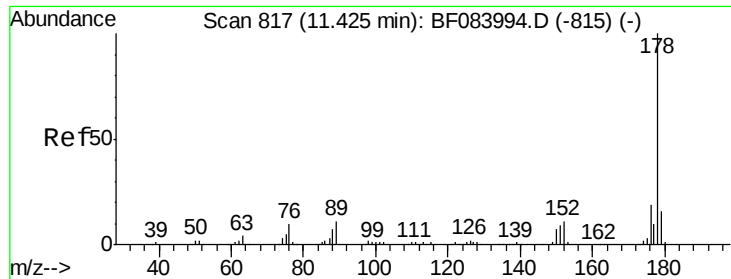
#70
 Phenanthrene
 Concen: 0.18 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF084006.D
 Acq: 22 Dec 2015 23:37

Tgt Ion:178 Resp: 1674
 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

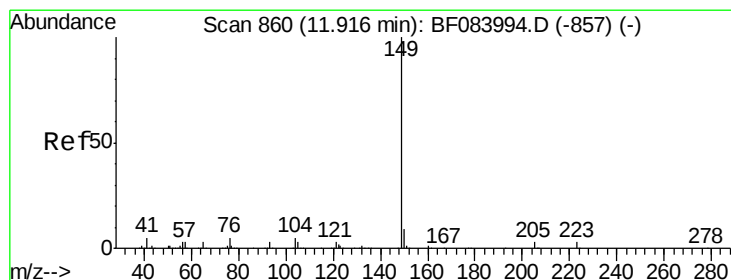
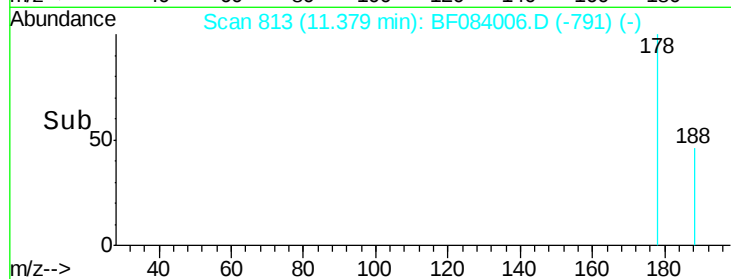
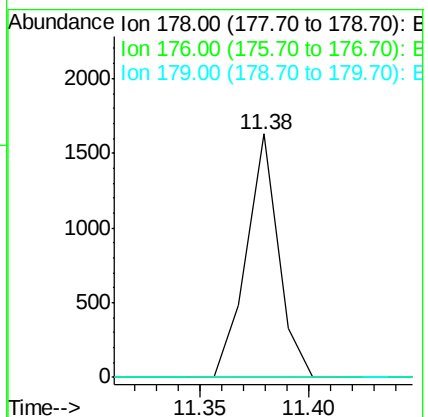
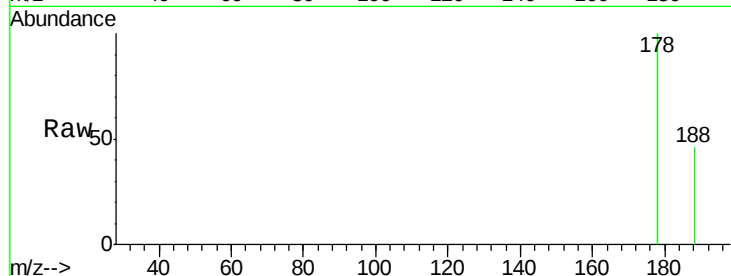




#71
 Anthracene
 Concen: 0.17 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.05 min
 Lab File: BF084006.D
 Acq: 22 Dec 2015 23:37

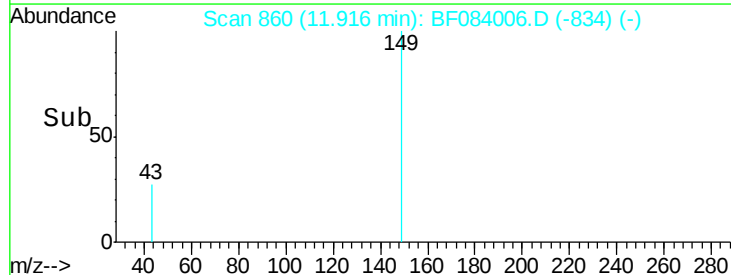
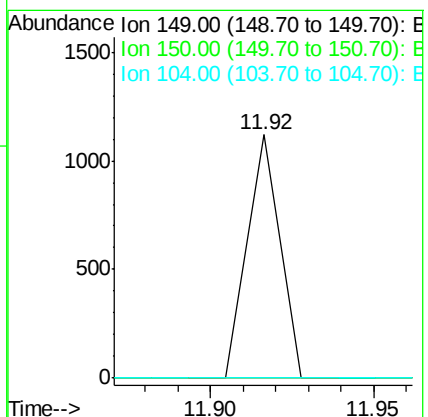
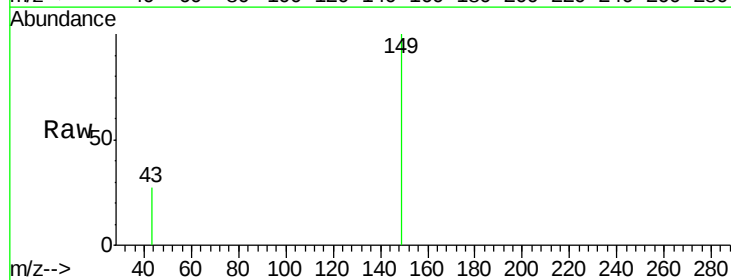
Instrument :
 BNA_F
 ClientSampleId :
 MW-2

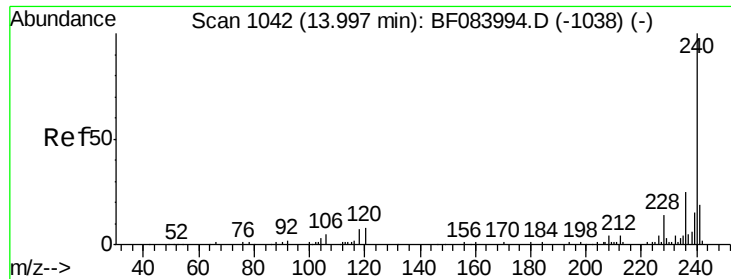
Tgt Ion:178 Resp: 1674
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.4 23.0#
 179 0.0 12.5 18.7#



#73
 Di-n-butylphthalate
 Concen: 0.07 ng
 RT: 11.92 min Scan# 860
 Delta R.T. -0.00 min
 Lab File: BF084006.D
 Acq: 22 Dec 2015 23:37

Tgt Ion:149 Resp: 769
 Ion Ratio Lower Upper
 149 100
 150 0.0 7.1 10.7#
 104 0.0 3.2 4.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF084006.D

Acq: 22 Dec 2015 23:37

Instrument :

BNA_F

ClientSampleId :

MW-2

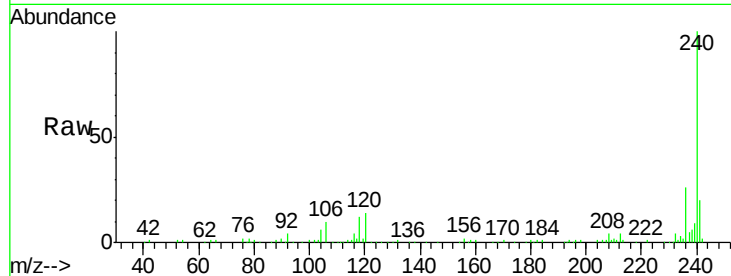
Tgt Ion:240 Resp: 175653

Ion Ratio Lower Upper

240 100

120 13.5 9.5 14.3

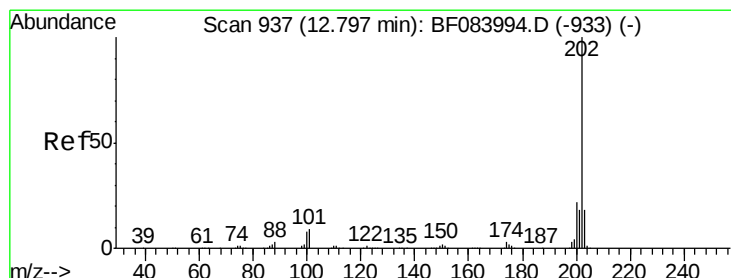
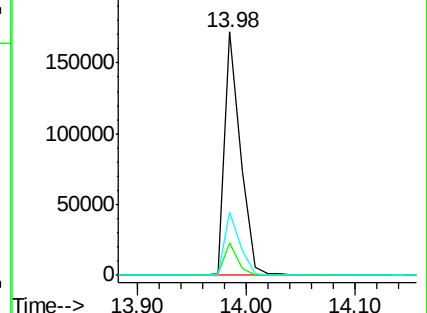
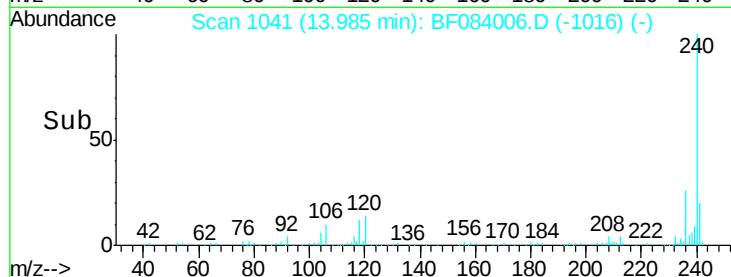
236 25.9 20.6 31.0



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: 0.21 ng

RT: 12.93 min Scan# 949

Delta R.T. 0.14 min

Lab File: BF084006.D

Acq: 22 Dec 2015 23:37

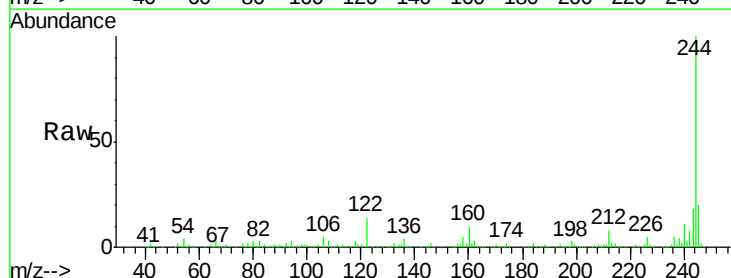
Tgt Ion:202 Resp: 2496

Ion Ratio Lower Upper

202 100

200 46.5 17.2 25.8#

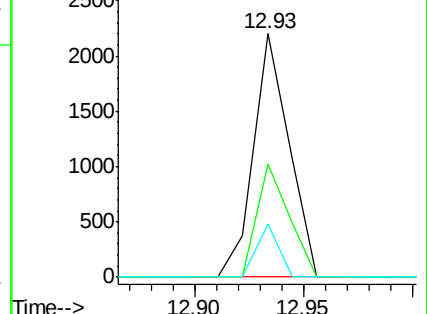
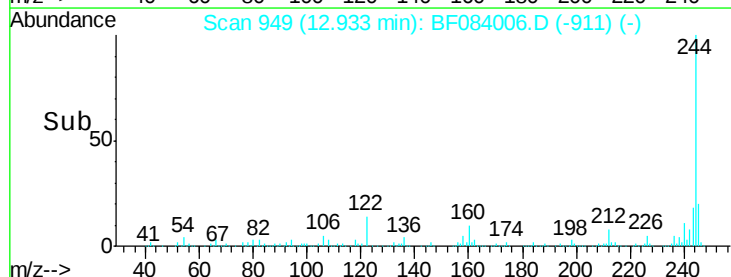
203 21.7 14.3 21.5#

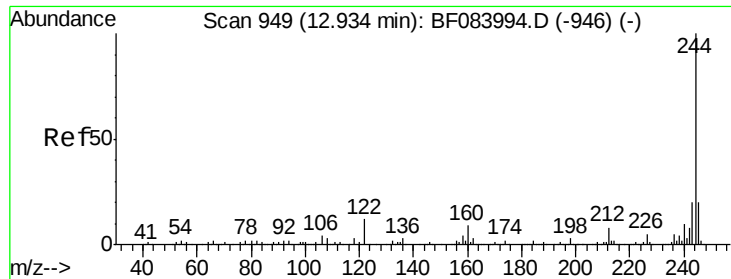


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 86.30 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF084006.D

Acq: 22 Dec 2015 23:37

Instrument :

BNA_F

ClientSampleId :

MW-2

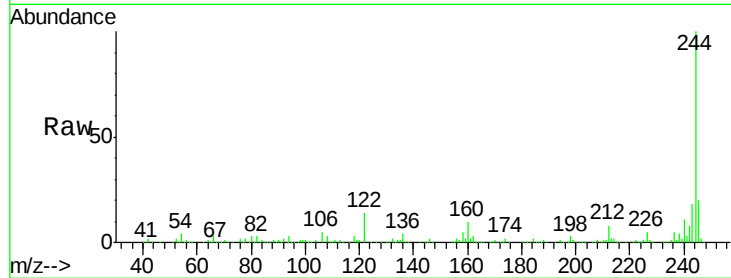
Tgt Ion:244 Resp: 635679

Ion Ratio Lower Upper

244 100

212 8.0 5.7 8.5

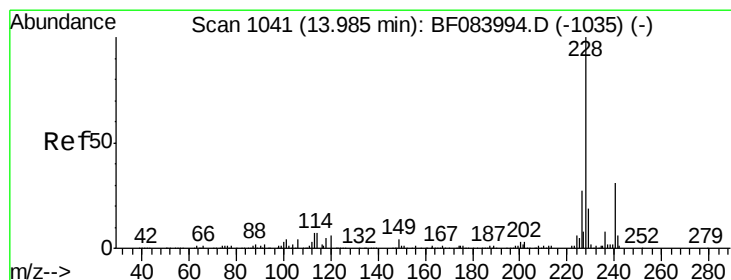
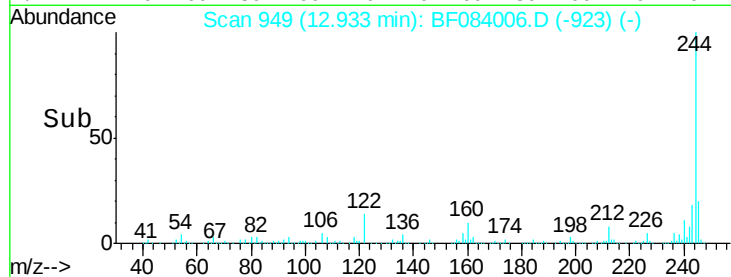
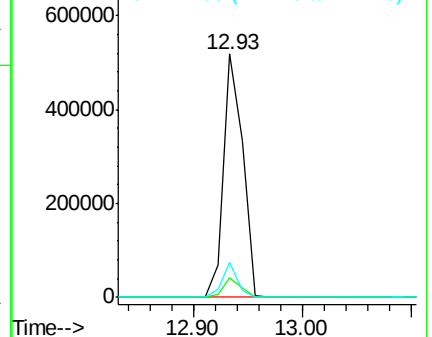
122 14.4 7.4 11.0#



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



#80

Benzo(a)anthracene

Concen: 0.04 ng

RT: 13.98 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF084006.D

Acq: 22 Dec 2015 23:37

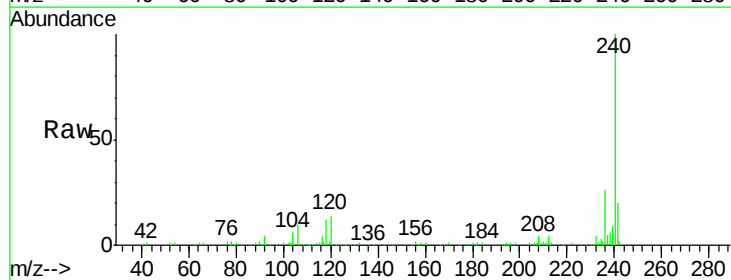
Tgt Ion:228 Resp: 403

Ion Ratio Lower Upper

228 100

226 0.0 21.8 32.6#

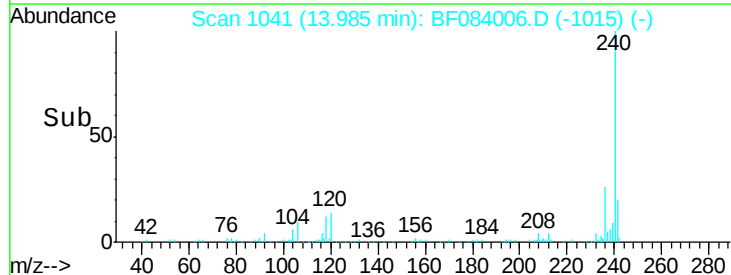
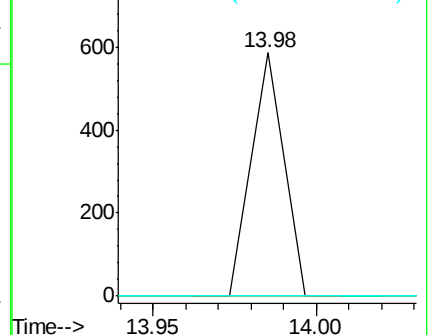
229 0.0 15.8 23.8#

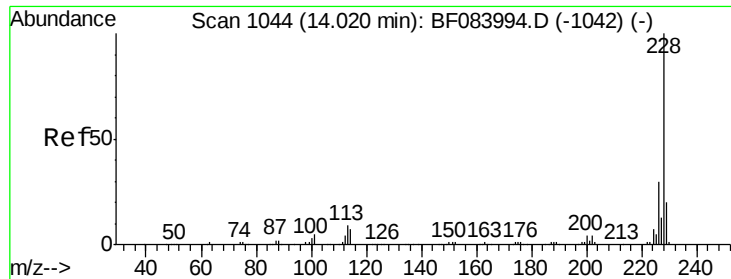


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 0.04 ng

RT: 13.98 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF084006.D

Acq: 22 Dec 2015 23:37

Instrument :

BNA_F

ClientSampleId :

MW-2

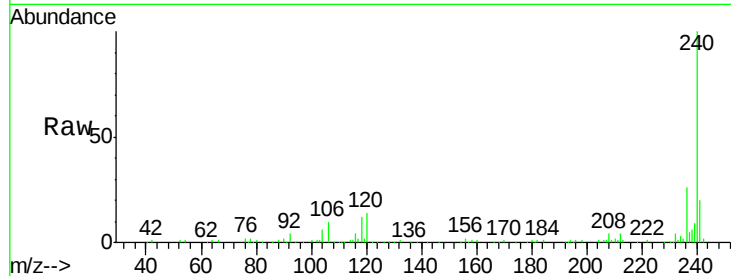
Tgt Ion: 228 Resp: 403

Ion Ratio Lower Upper

228 100

226 0.0 24.3 36.5#

229 0.0 16.1 24.1#

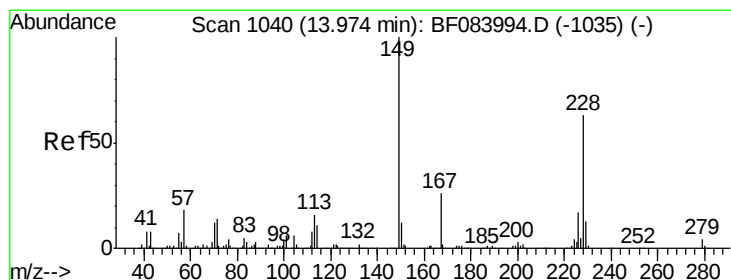
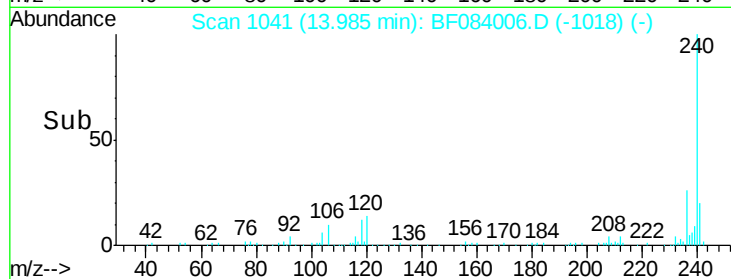
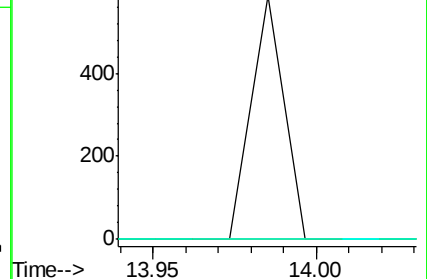


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

13.98



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.14 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF084006.D

Acq: 22 Dec 2015 23:37

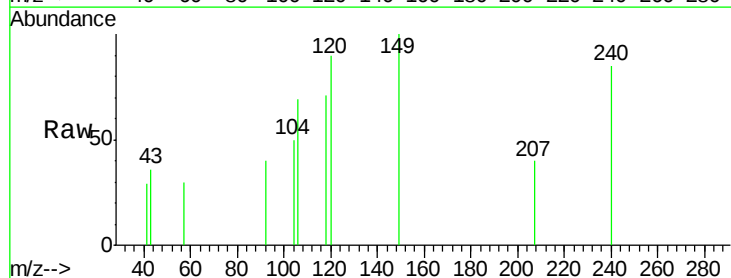
Tgt Ion: 149 Resp: 1043

Ion Ratio Lower Upper

149 100

167 0.0 19.7 29.5#

279 0.0 1.8 2.6#

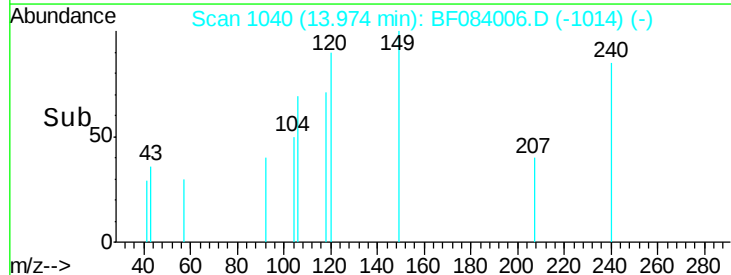
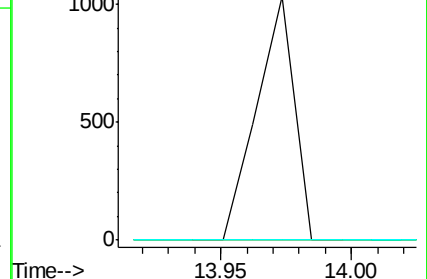


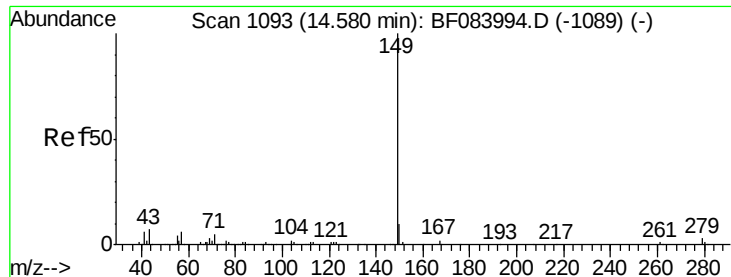
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

13.97





#84

Di-n-octyl phthalate

Concen: 0.02 ng

RT: 14.58 min Scan# 1093

Delta R.T. -0.00 min

Lab File: BF084006.D

Acq: 22 Dec 2015 23:37

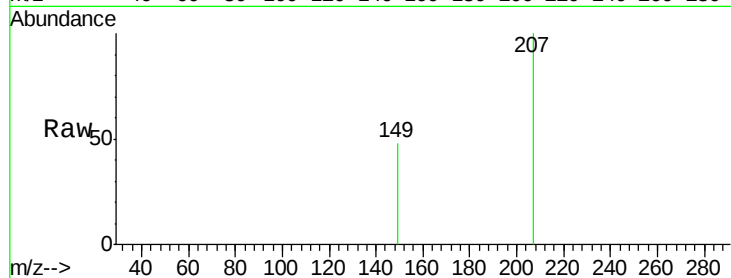
Instrument :

BNA_F

ClientSampleId :

MW-2

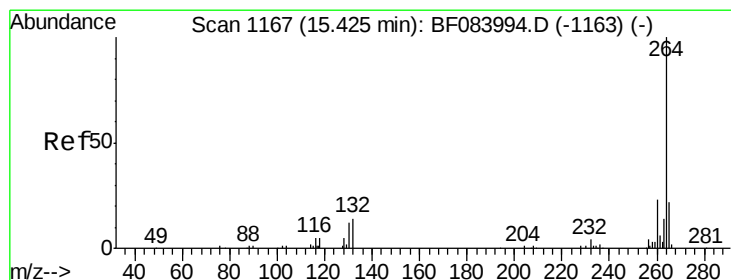
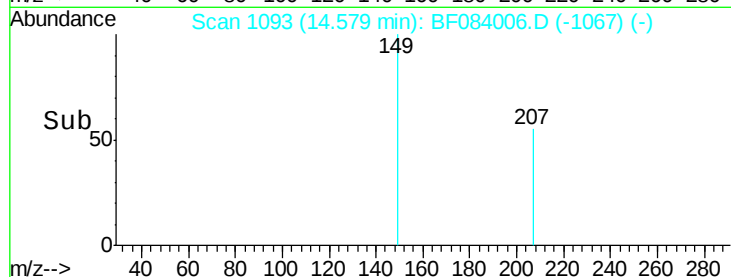
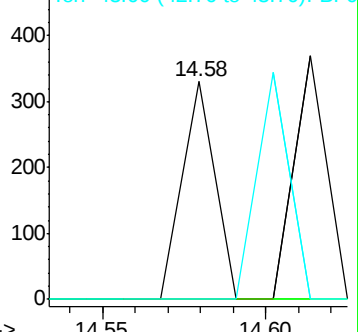
Tgt Ion:	149	Resp:	226
Ion Ratio	Lower	Upper	
149	100		
167	0.0	1.2	1.8#
43	0.0	5.6	8.4#



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



#86

Perylene-d12

Concen: 20.00 ng

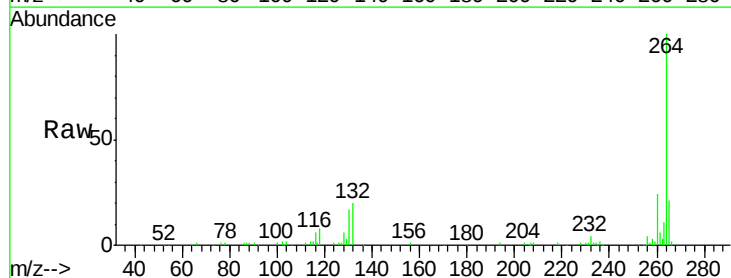
RT: 15.41 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF084006.D

Acq: 22 Dec 2015 23:37

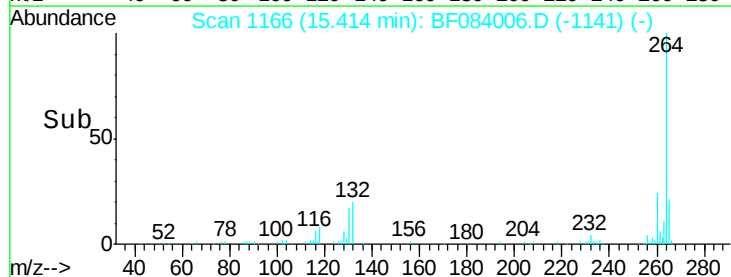
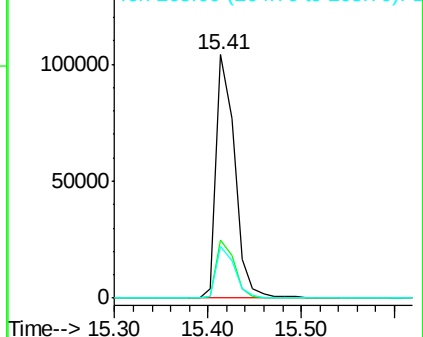
Tgt Ion:	264	Resp:	144075
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.4	29.2
265	21.1	17.8	26.6

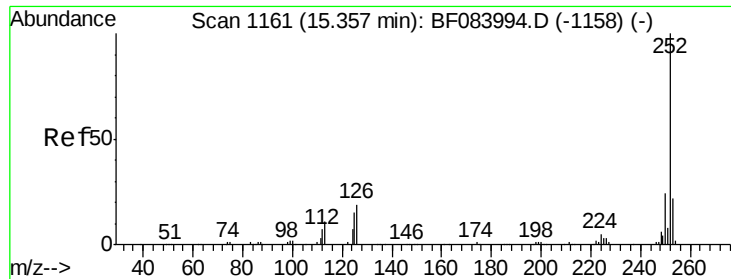


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#89

Benzo(a)pyrene

Concen: 0.06 ng

RT: 15.41 min Scan# 1166

Delta R.T. 0.06 min

Lab File: BF084006.D

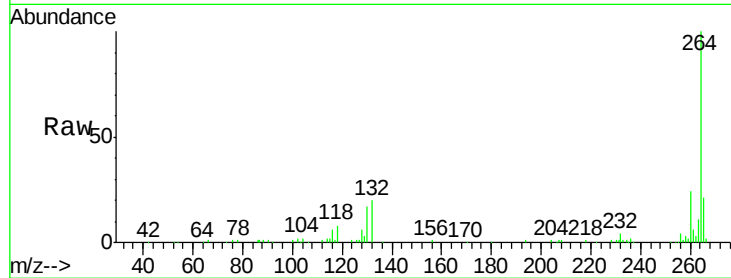
Acq: 22 Dec 2015 23:37

Instrument :

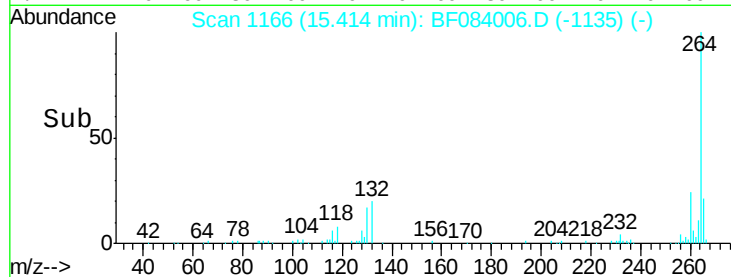
BNA_F

ClientSampleId :

MW-2



Tgt Ion:	252	Resp:	476
Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.3	25.9#
125	0.0	7.0	10.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

