

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
 Data File : BF077758.D
 Acq On : 16 Mar 2015 17:45
 Operator : TP/IZ
 Sample : G1515-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCMSD

Quant Time: Mar 17 01:51:30 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 17 00:51:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	58191	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	244381	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	121771	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	236717	20.00	ng	0.00
75) Chrysene-d12	16.03	240	244233	20.00	ng	0.00
86) Perylene-d12	17.71	264	232866	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	399199	119.75	ng	0.00
7) Phenol-d6	6.74	99	512639	124.46	ng	0.00
23) Nitrobenzene-d5	7.87	82	307655	82.52	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	128467	110.26	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	611698	73.82	ng	0.00
78) Terphenyl-d14	14.74	244	700280	70.04	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.08	88	43520	28.75	ng	# 100
3) Pyridine	2.77	79	107573	26.45	ng	96
4) n-Nitrosodimethylamine	2.70	42	56981	32.18	ng	96
6) Aniline	6.76	93	54632	9.27	ng	# 1
8) 2-Chlorophenol	6.90	128	136860	34.49	ng	92
9) Benzaldehyde	6.61	77	13201	7.82	ng	94
10) Phenol	6.76	94	170724	35.06	ng	78
11) bis(2-Chloroethyl)ether	6.86	93	129497	35.51	ng	93
12) 1,3-Dichlorobenzene	7.09	146	142881	32.37	ng	97
13) 1,4-Dichlorobenzene	7.20	146	145760	31.78	ng	99
14) 1,2-Dichlorobenzene	7.38	146	142072	33.79	ng	98
15) Benzyl Alcohol	7.36	79	106789	33.21	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.54	45	173844	35.37	ng	98
17) 2-Methylphenol	7.50	107	108344	33.54	ng	97
18) Hexachloroethane	7.79	117	49319	32.79	ng	92
19) n-Nitroso-di-n-propylamine	7.69	70	95077	33.37	ng	95
20) 3+4-Methylphenols	7.70	107	147723	34.85	ng	94
22) Acetophenone	7.69	105	194149	35.89	ng	# 91
24) Nitrobenzene	7.89	77	143380	35.70	ng	# 84
25) Isophorone	8.19	82	262393	34.85	ng	97
26) 2-Nitrophenol	8.28	139	69005	35.09	ng	92
27) 2,4-Dimethylphenol	8.35	122	114119	31.86	ng	97
28) bis(2-Chloroethoxy)methane	8.48	93	161618	35.37	ng	99
29) 2,4-Dichlorophenol	8.58	162	120025	35.15	ng	98
30) 1,2,4-Trichlorobenzene	8.68	180	124735	32.65	ng	99
31) Naphthalene	8.77	128	410589	32.71	ng	100
32) Benzoic acid	8.45	122	49175	26.12	ng	96
33) 4-Chloroaniline	8.85	127	53422	10.49	ng	98
34) Hexachlorobutadiene	8.93	225	69430	32.06	ng	100
35) Caprolactam	9.28	113	36973	37.05	ng	92
36) 4-Chloro-3-methylphenol	9.46	107	120468	35.06	ng	88
37) 2-Methylnaphthalene	9.63	142	302428	35.87	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.84	216	122703	33.78	ng	# 100
40) Hexachlorocyclopentadiene	9.82	237	110656	61.62	ng	99

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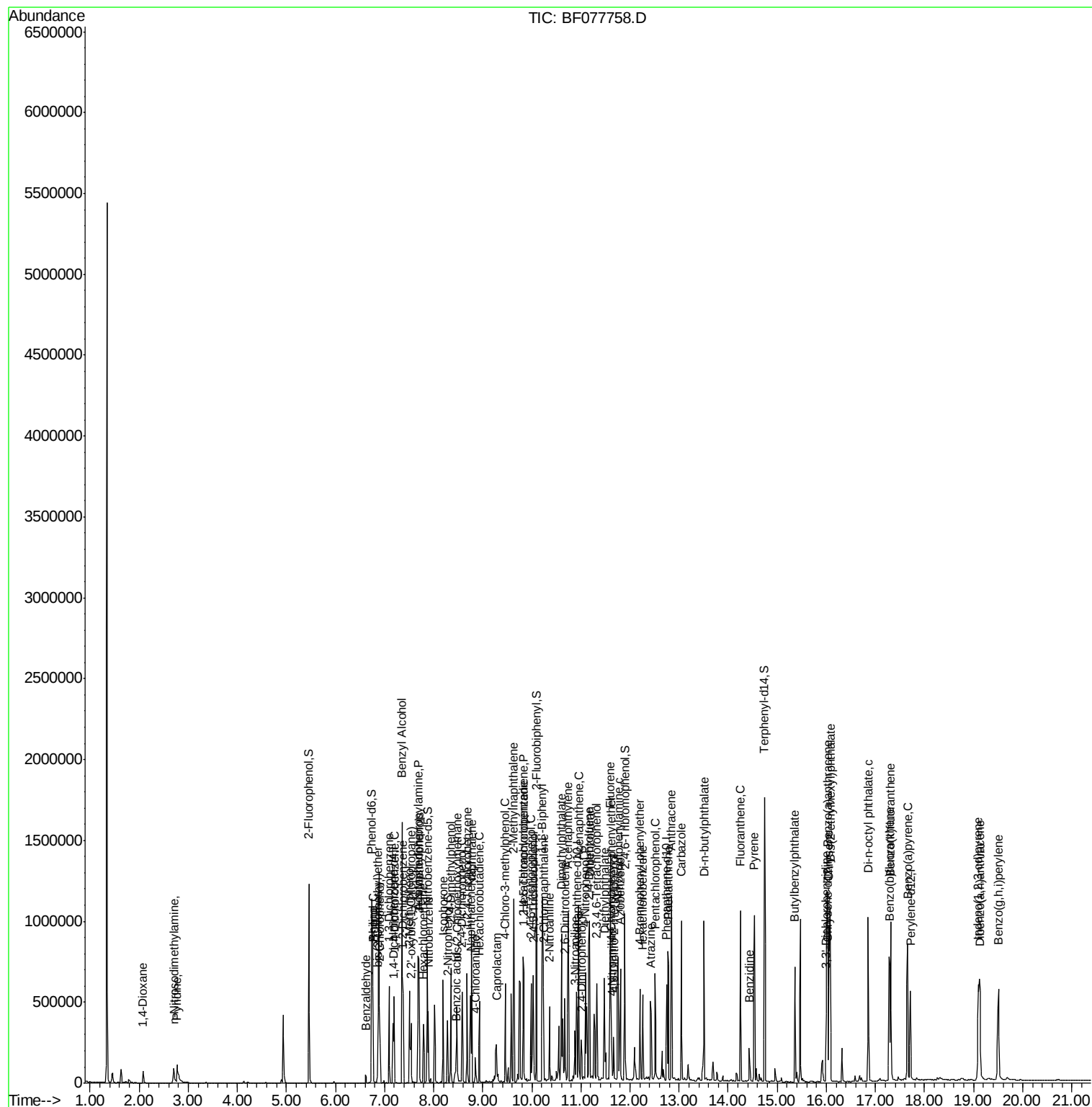
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.98	196	85374	33.93	ng	98
43) 2,4,5-Trichlorophenol	10.03	196	91204	33.56	ng #	92
45) 1,1'-Biphenyl	10.21	154	344608	35.40	ng	99
46) 2-Chloronaphthalene	10.24	162	265780	33.60	ng	99
47) 2-Nitroaniline	10.36	65	71721	36.51	ng	92
48) Acenaphthylene	10.74	152	421882	32.07	ng	99
49) Dimethylphthalate	10.60	163	355875	39.40	ng	100
50) 2,6-Dinitrotoluene	10.67	165	67573	36.09	ng	99
51) Acenaphthene	10.96	154	248342	32.93	ng	100
52) 3-Nitroaniline	10.88	138	33920	15.60	ng	91
53) 2,4-Dinitrophenol	11.01	184	39315	59.46	ng #	64
54) Dibenzofuran	11.17	168	388325	34.71	ng	99
55) 4-Nitrophenol	11.09	139	109999	68.30	ng #	78
56) 2,4-Dinitrotoluene	11.16	165	90018	36.87	ng	96
57) Fluorene	11.60	166	316105	34.03	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.32	232	72826	34.80	ng #	100
59) Diethylphthalate	11.48	149	311523	35.40	ng	98
60) 4-Chlorophenyl-phenylether	11.61	204	139196	32.84	ng	93
61) 4-Nitroaniline	11.63	138	68736	31.72	ng	97
62) Azobenzene	11.80	77	289729	34.45	ng	96
64) 4,6-Dinitro-2-methylphenol	11.67	198	35270	33.03	ng	91
65) n-Nitrosodiphenylamine	11.76	169	271357	34.43	ng	99
66) 4-Bromophenyl-phenylether	12.20	248	84707	33.53	ng #	77
67) Hexachlorobenzene	12.26	284	90875	32.74	ng #	70
68) Atrazine	12.43	200	86153	39.00	ng	99
69) Pentachlorophenol	12.51	266	91322	63.48	ng	97
70) Phenanthrene	12.79	178	466240	34.31	ng	99
71) Anthracene	12.84	178	444930	33.14	ng	99
72) Carbazole	13.05	167	423141	33.13	ng	100
73) Di-n-butylphthalate	13.51	149	523528	36.56	ng	100
74) Fluoranthene	14.25	202	499191	33.30	ng	95
76) Benzidine	14.43	184	91918	14.91	ng	98
77) Pyrene	14.53	202	534244	34.79	ng	99
79) Butylbenzylphthalate	15.36	149	228823	37.79	ng #	80
80) Benzo(a)anthracene	16.02	228	482485	33.33	ng	99
81) 3,3'-Dichlorobenzidine	16.00	252	81885	17.15	ng	95
82) Chrysene	16.05	228	460957	35.41	ng	99
83) Bis(2-ethylhexyl)phthalate	16.08	149	338472	36.90	ng #	97
84) Di-n-octyl phthalate	16.85	149	572325	36.49	ng	100
85) Indeno(1,2,3-cd)pyrene	19.09	276	509970m	31.39	ng	
87) Benzo(b)fluoranthene	17.29	252	492500	32.40	ng #	94
88) Benzo(k)fluoranthene	17.31	252	434870m	36.62	ng	
89) Benzo(a)pyrene	17.65	252	441555	34.81	ng	99
90) Dibenzo(a,h)anthracene	19.13	278	414998	32.99	ng	98
91) Benzo(g,h,i)perylene	19.51	276	426697	33.32	ng	98

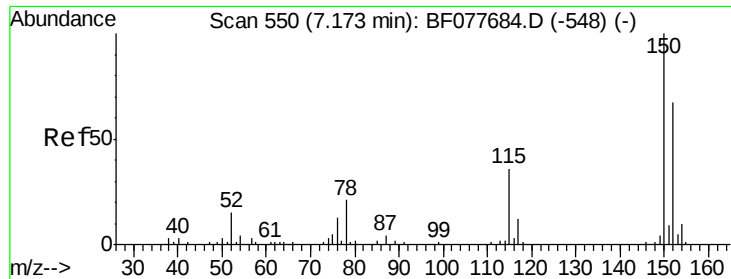
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.17 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF077758.D

Acq: 16 Mar 2015 17:45

Instrument :

BNA_F

ClientSampleId :

WCMSD

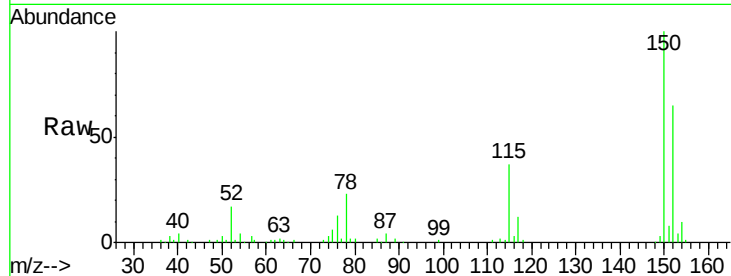
Tgt Ion:152 Resp: 58191

Ion Ratio Lower Upper

152 100

150 154.3 119.5 179.3

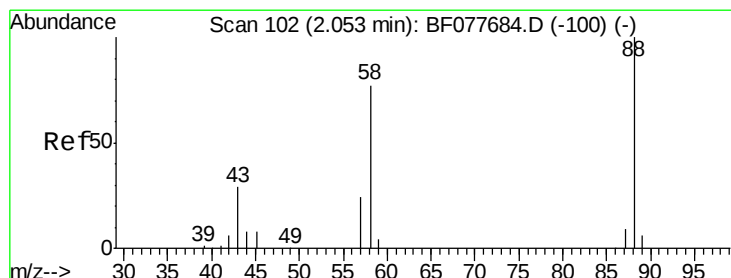
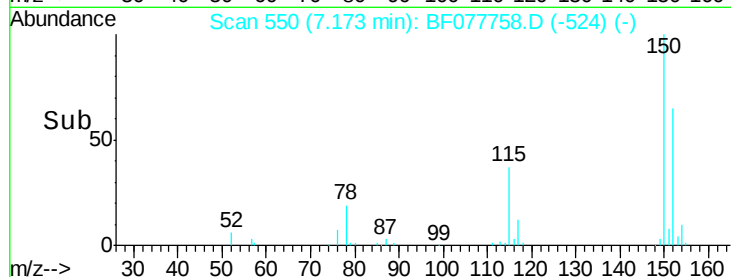
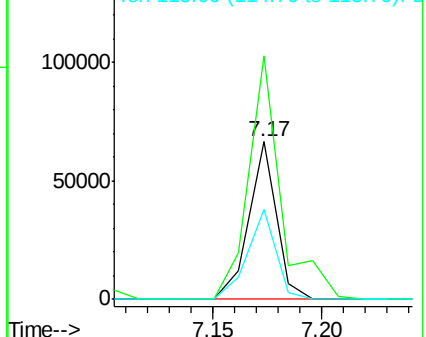
115 57.3 43.0 64.4



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: 28.75 ng

RT: 2.08 min Scan# 104

Delta R.T. 0.01 min

Lab File: BF077758.D

Acq: 16 Mar 2015 17:45

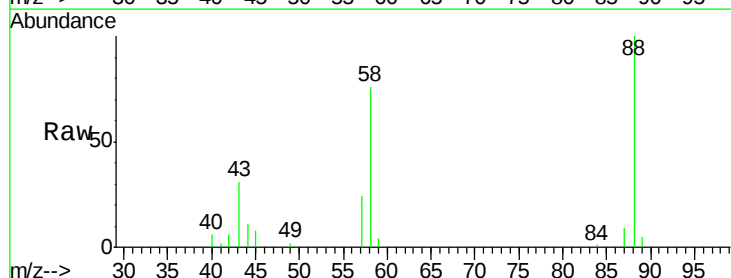
Tgt Ion: 88 Resp: 43520

Ion Ratio Lower Upper

88 100

58 71.4 0.0 0.0#

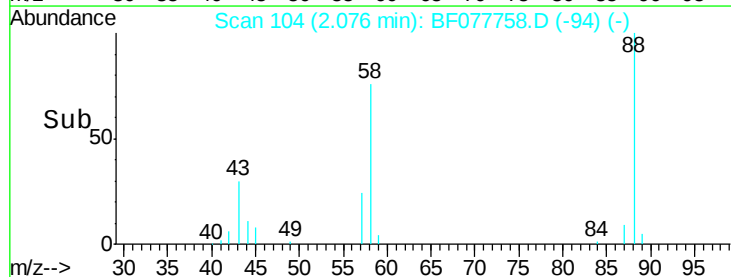
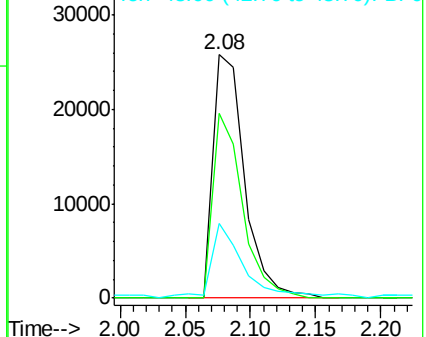
43 33.0 0.0 0.0#

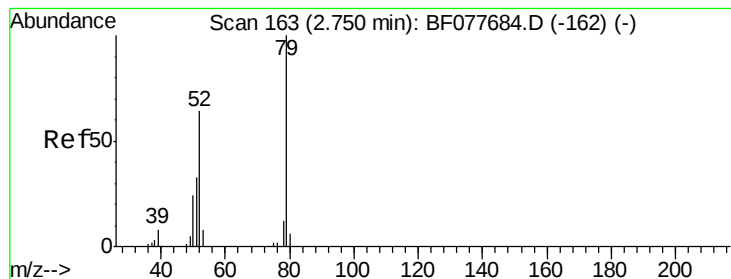


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 26.45 ng

RT: 2.77 min Scan# 165

Delta R.T. 0.02 min

Lab File: BF077758.D

Acq: 16 Mar 2015 17:45

Instrument :

BNA_F

ClientSampleId :

WCMSD

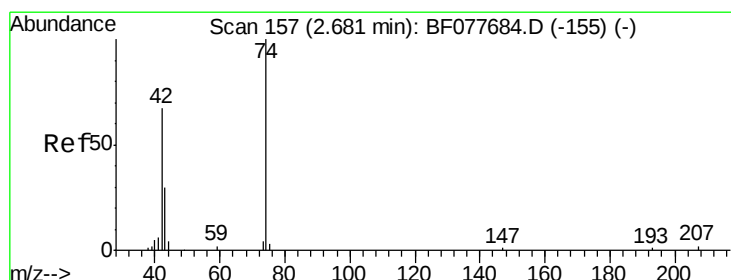
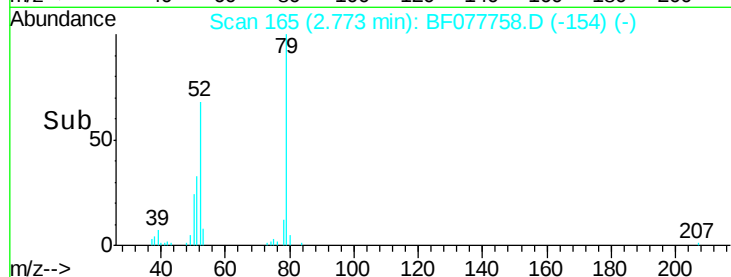
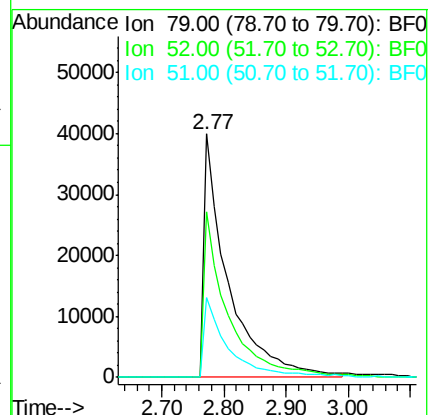
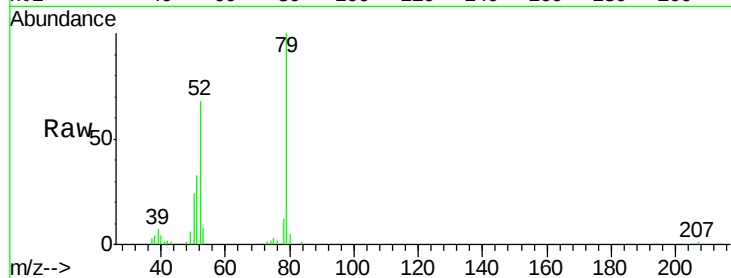
Tgt Ion: 79 Resp: 107573

Ion Ratio Lower Upper

79 100

52 68.2 51.1 76.7

51 32.9 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 32.18 ng

RT: 2.70 min Scan# 159

Delta R.T. 0.02 min

Lab File: BF077758.D

Acq: 16 Mar 2015 17:45

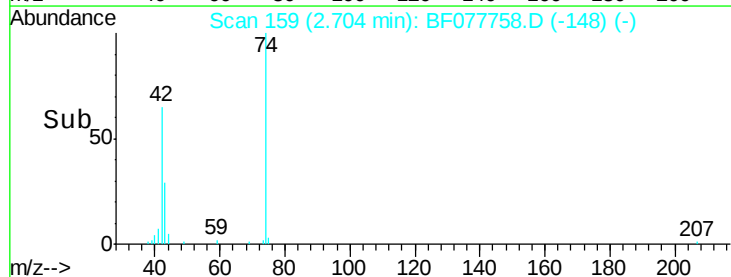
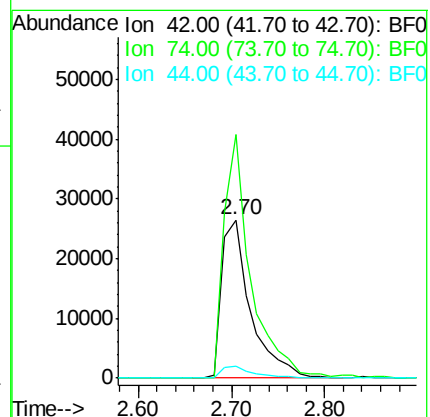
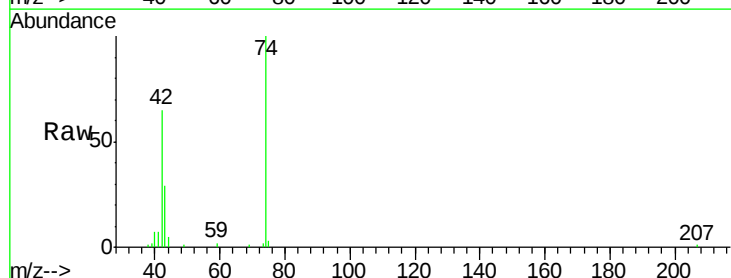
Tgt Ion: 42 Resp: 56981

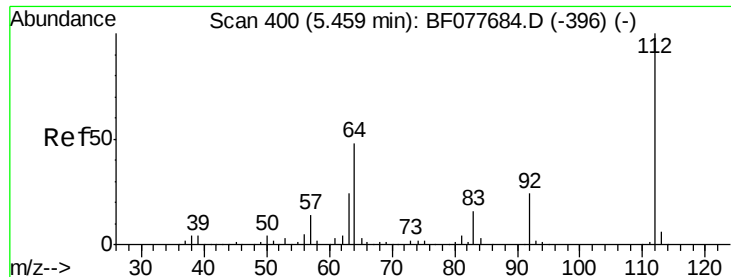
Ion Ratio Lower Upper

42 100

74 153.6 119.3 178.9

44 7.7 5.4 8.2





#5

2-Fluorophenol

Concen: 119.75 ng

RT: 5.46 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF077758.D

Acq: 16 Mar 2015 17:45

Instrument :

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ClientSampleId :

WCMSD

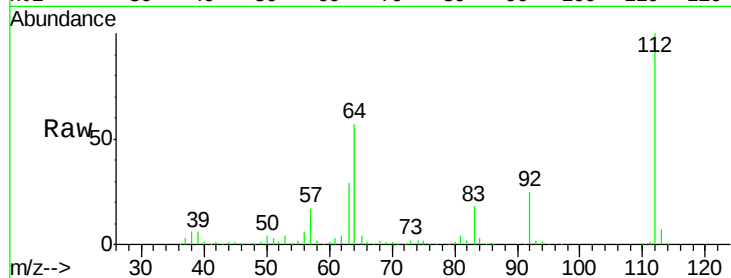
Tgt Ion: 112 Resp: 399199

Ion Ratio Lower Upper

112 100

64 57.4 38.6 57.8

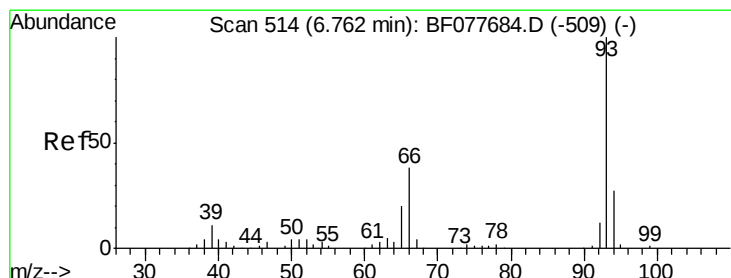
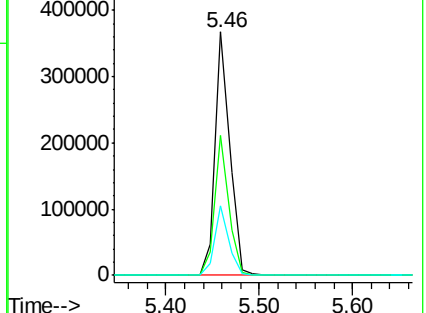
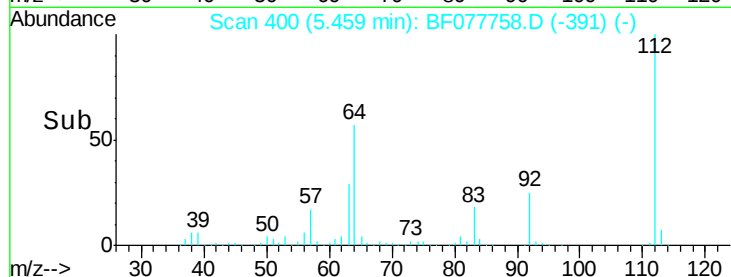
63 28.7 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): BF077758.D (-505) (-)

Ion 64.00 (63.70 to 64.70): BF077758.D (-505) (-)

Ion 63.00 (62.70 to 63.70): BF077758.D (-505) (-)



#6

Aniline

Concen: 9.27 ng

RT: 6.76 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF077758.D

Acq: 16 Mar 2015 17:45

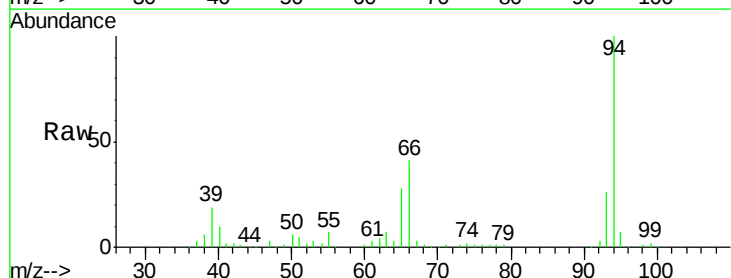
Tgt Ion: 93 Resp: 54632

Ion Ratio Lower Upper

93 100

66 155.3 30.8 46.2#

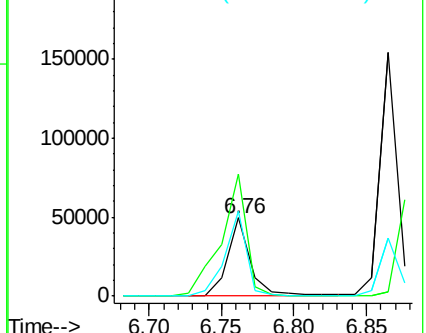
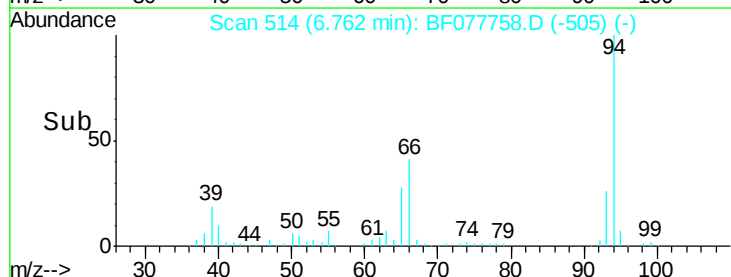
65 108.6 16.0 24.0#

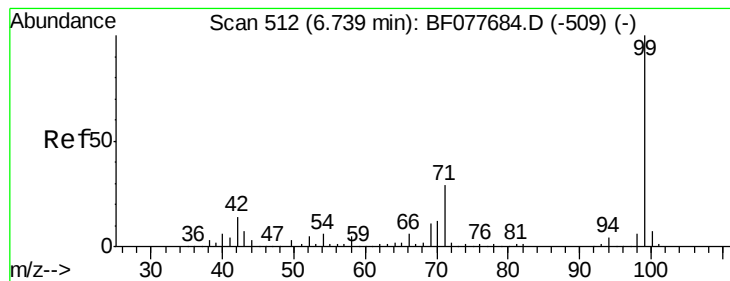


Abundance Ion 93.00 (92.70 to 93.70): BF077758.D (-505) (-)

Ion 66.00 (65.70 to 66.70): BF077758.D (-505) (-)

Ion 65.00 (64.70 to 65.70): BF077758.D (-505) (-)





#7

Phenol-d6

Concen: 124.46 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF077758.D

Acq: 16 Mar 2015 17:45

Instrument :

BNA_F

ClientSampled :

WCMSD

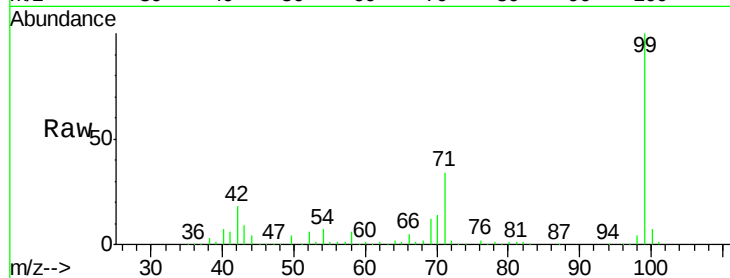
Tgt Ion: 99 Resp: 512639

Ion Ratio Lower Upper

99 100

42 18.3 11.0 16.4#

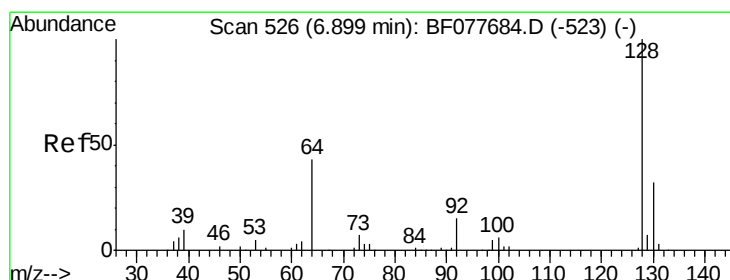
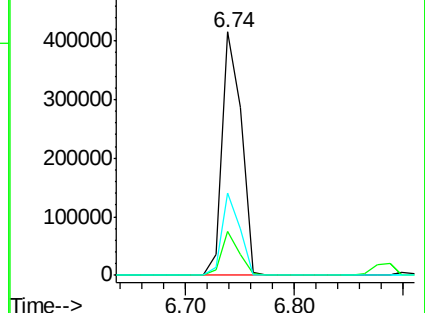
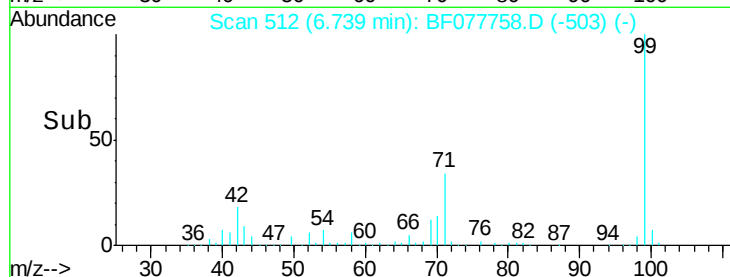
71 33.7 23.4 35.2



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: 34.49 ng

RT: 6.90 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF077758.D

Acq: 16 Mar 2015 17:45

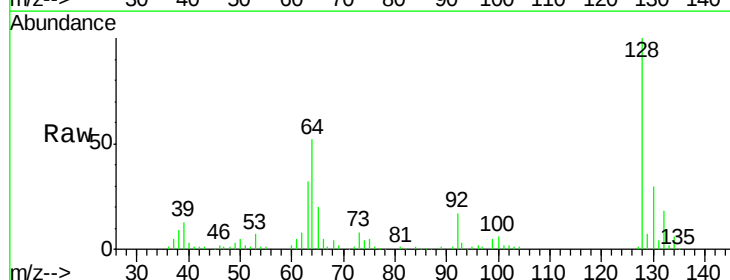
Tgt Ion: 128 Resp: 136860

Ion Ratio Lower Upper

128 100

130 30.4 12.0 52.0

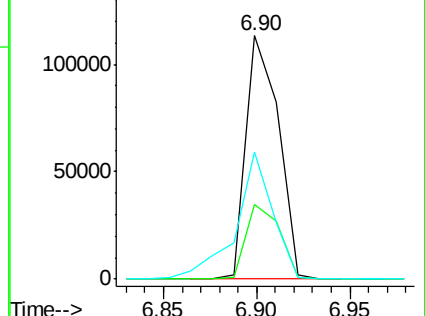
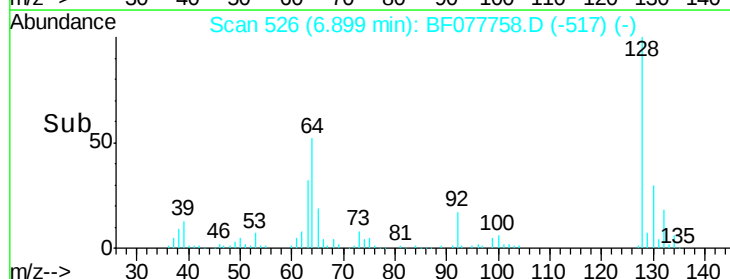
64 52.4 24.9 64.9

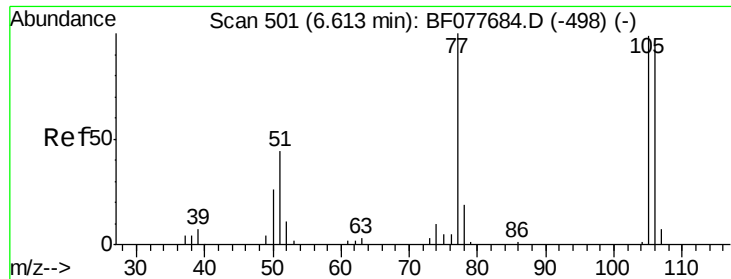


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

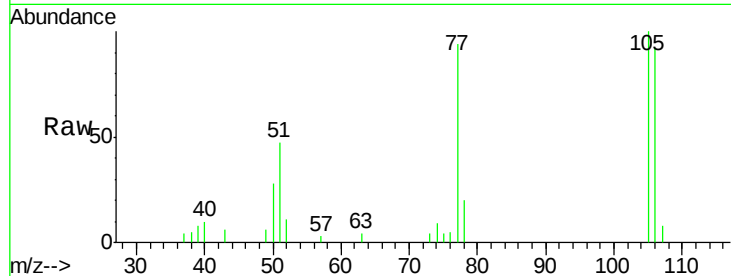




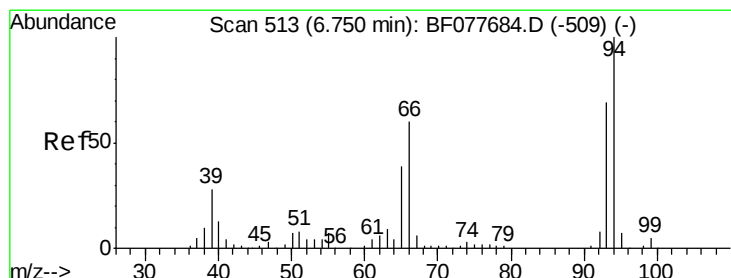
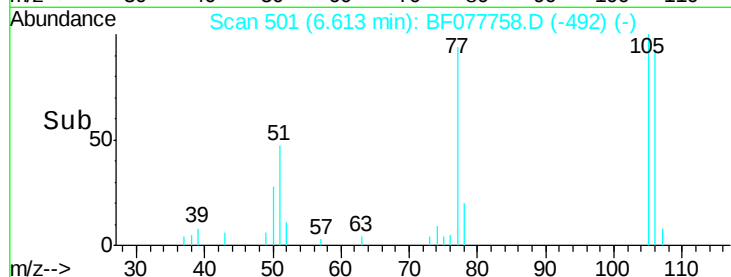
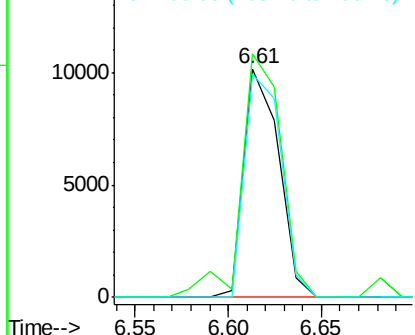
#9
Benzaldehyde
Concen: 7.82 ng
RT: 6.61 min Scan# 501
Delta R.T. 0.00 min
Lab File: BF077758.D
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Instrument :
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ClientSampleId :
WCMSD

Tgt Ion: 77 Resp: 13201
Ion Ratio Lower Upper
77 100
105 106.4 78.8 118.8
106 97.8 73.7 113.7

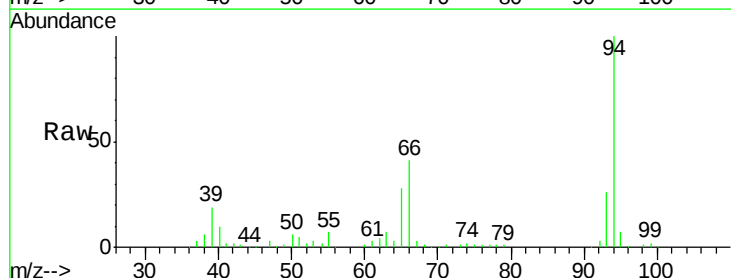


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

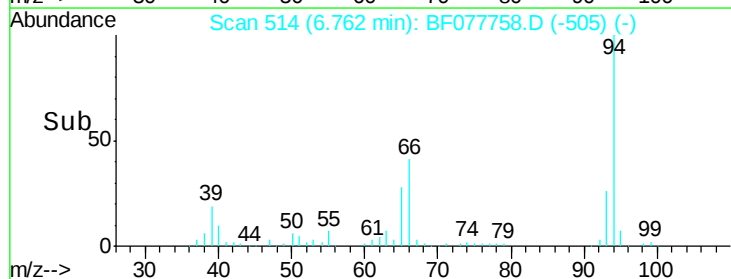
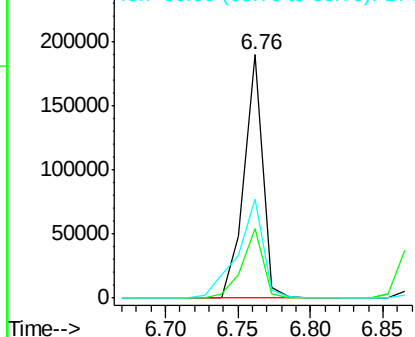


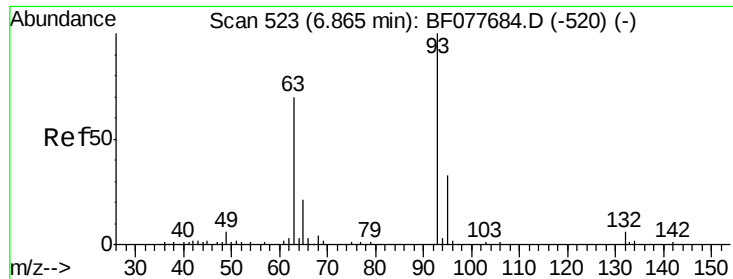
#10
Phenol
Concen: 35.06 ng
RT: 6.76 min Scan# 514
Delta R.T. 0.00 min
Lab File: BF077758.D
Acq: 16 Mar 2015 17:45

Tgt Ion: 94 Resp: 170724
Ion Ratio Lower Upper
94 100
65 28.4 18.8 58.8
66 40.6 39.9 79.9



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

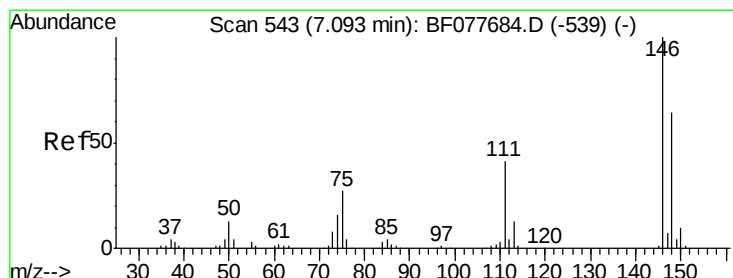
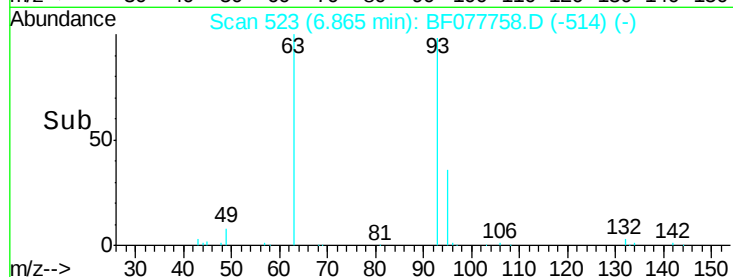
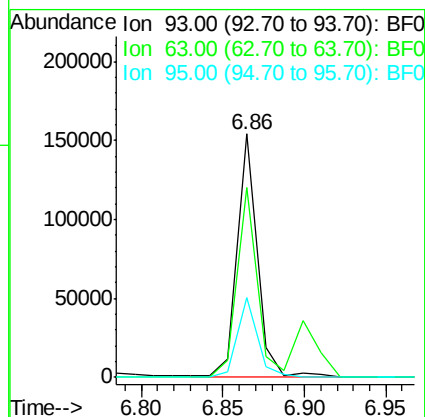
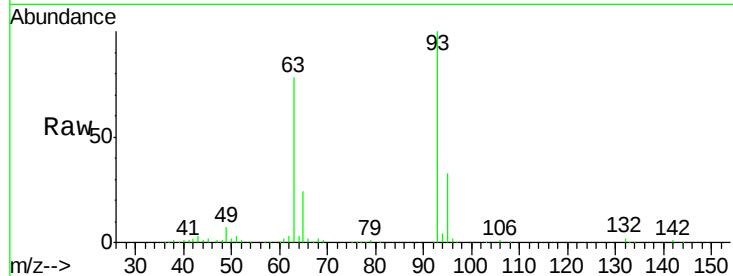




#11
bis(2-Chloroethyl)ether
Concen: 35.51 ng
RT: 6.86 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF077758.D
Acq: 16 Mar 2015 17:45

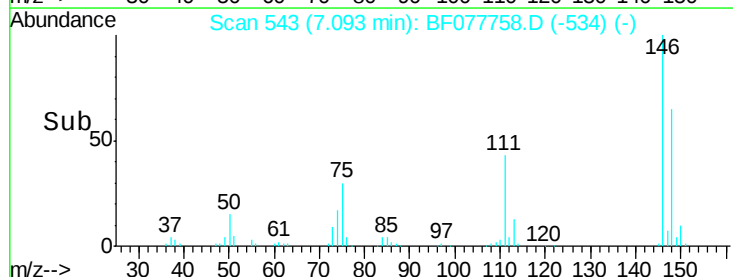
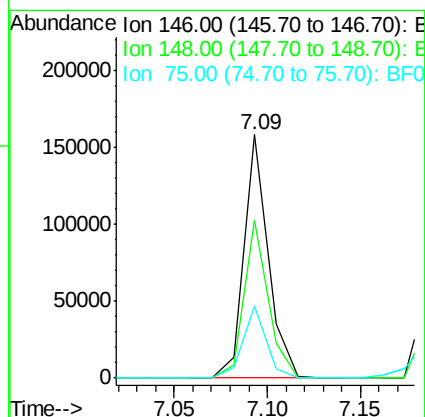
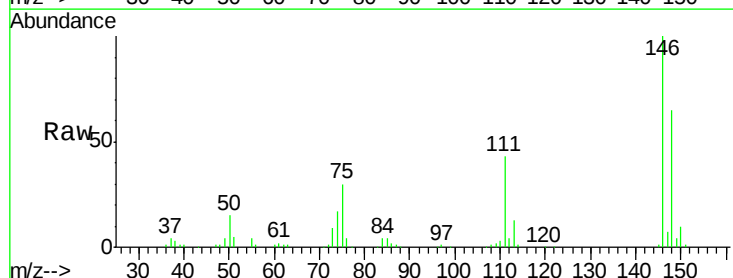
Instrument :
BNA_F
ClientSampleId :
WCMSD

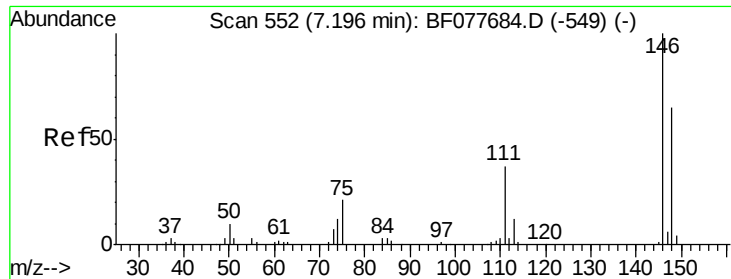
Tgt Ion: 93 Resp: 129497
Ion Ratio Lower Upper
93 100
63 77.8 49.5 89.5
95 33.0 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 32.37 ng
RT: 7.09 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF077758.D
Acq: 16 Mar 2015 17:45

Tgt Ion: 146 Resp: 142881
Ion Ratio Lower Upper
146 100
148 65.1 50.9 76.3
75 29.7 21.4 32.2

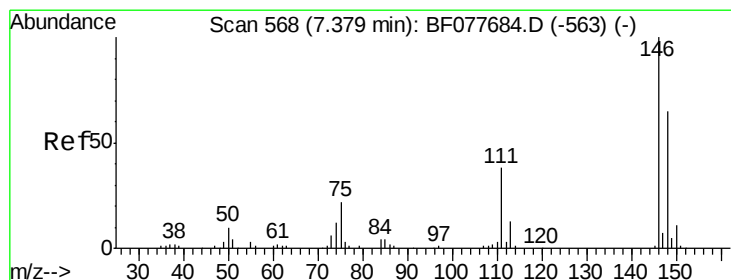
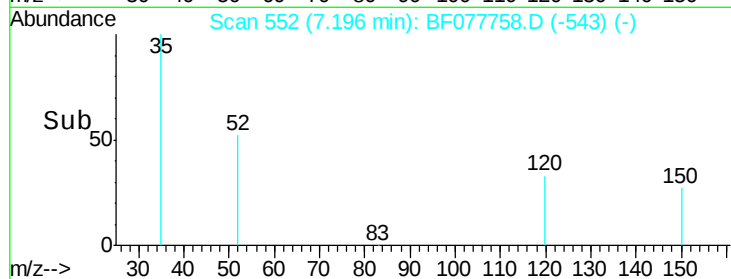
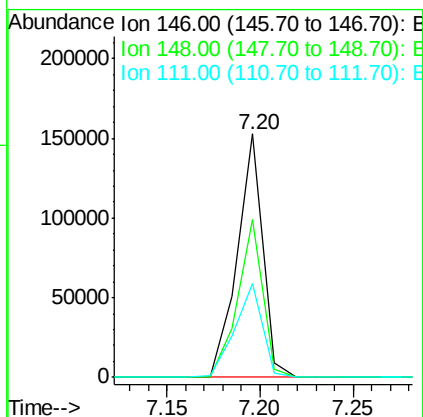
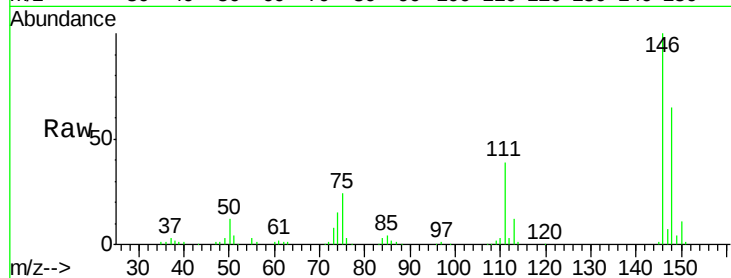




#13
 1,4-Dichlorobenzene
 Concen: 31.78 ng
 RT: 7.20 min Scan# 552
 Delta R.T. 0.00 min
 Lab File: BF077758.D
 Acq: 16 Mar 2015 17:45

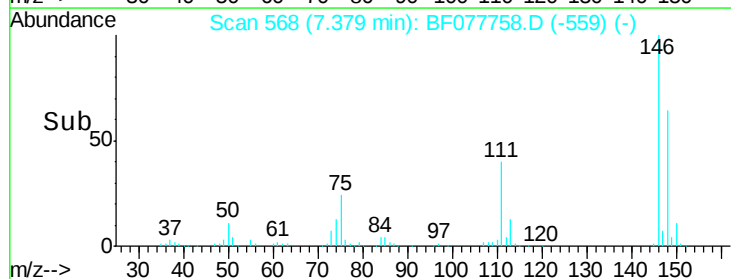
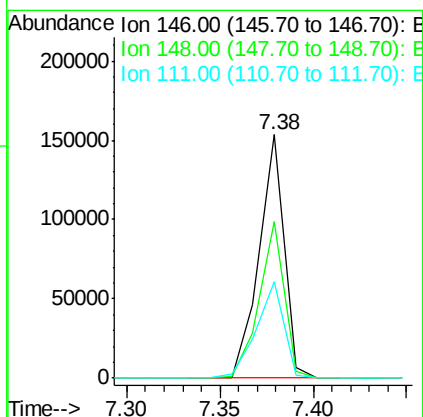
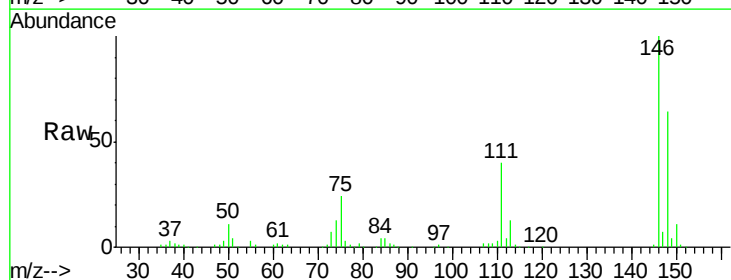
Instrument :
 BNA_F
 ClientSampleId :
 WCMSD

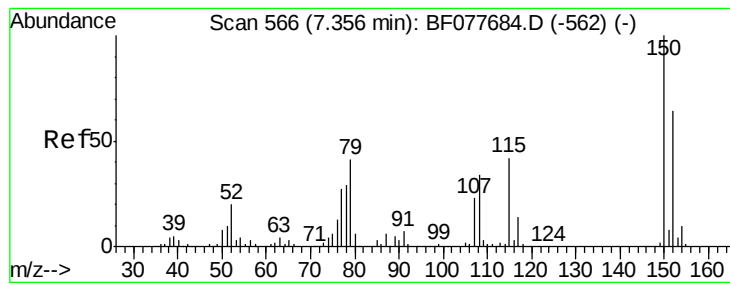
Tgt Ion:146 Resp: 145760
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.9 77.9
 111 38.7 29.2 43.8



#14
 1,2-Dichlorobenzene
 Concen: 33.79 ng
 RT: 7.38 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: BF077758.D
 Acq: 16 Mar 2015 17:45

Tgt Ion:146 Resp: 142072
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.3 78.5
 111 39.7 30.6 45.8





#15

Benzyl Alcohol

Concen: 33.21 ng

RT: 7.36 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF077758.D

Acq: 16 Mar 2015 17:45

Instrument :

BNA_F

ClientSampled :

WCMSD

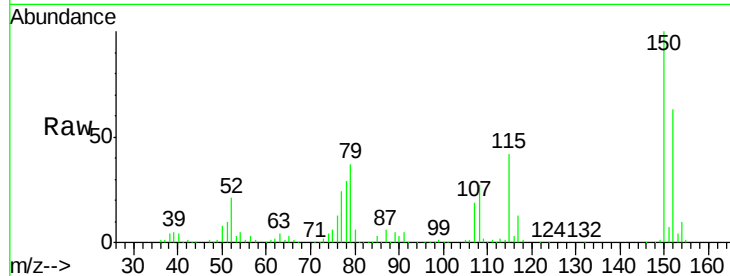
Tgt Ion: 79 Resp: 106789

Ion Ratio Lower Upper

79 100

108 74.7 65.0 97.4

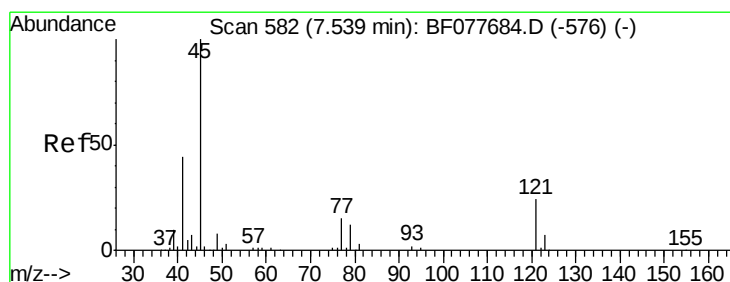
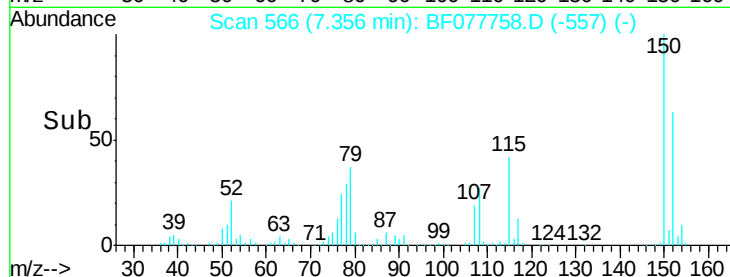
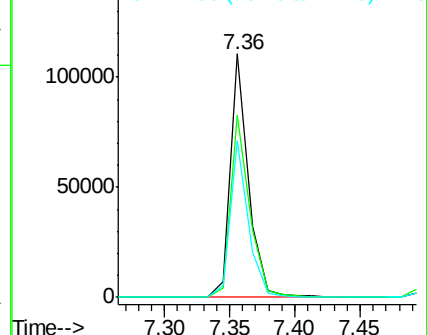
77 64.1 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.37 ng

RT: 7.54 min Scan# 582

Delta R.T. 0.00 min

Lab File: BF077758.D

Acq: 16 Mar 2015 17:45

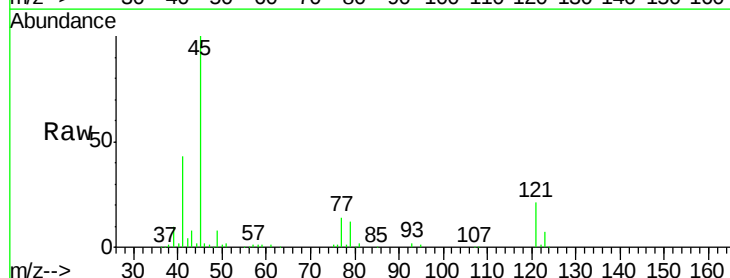
Tgt Ion: 45 Resp: 173844

Ion Ratio Lower Upper

45 100

77 14.1 0.0 35.2

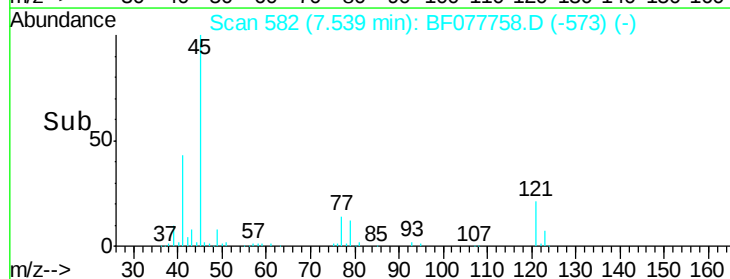
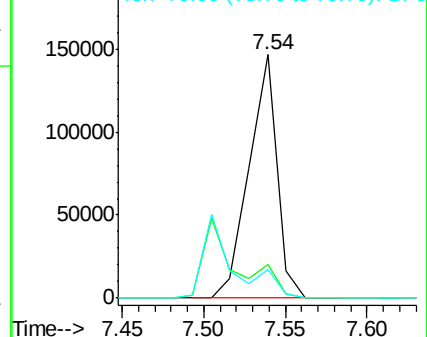
79 11.7 0.0 32.0

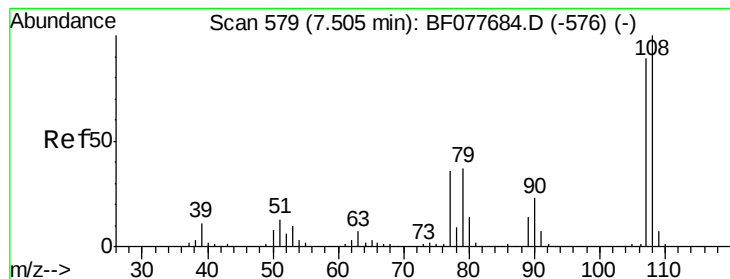


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 33.54 ng

RT: 7.50 min Scan# 579

Delta R.T. 0.00 min

Lab File: BF077758.D

Acq: 16 Mar 2015 17:45

Instrument :

BNA_F

ClientSampleId :

WCMSD

Tgt Ion:107 Resp: 108344

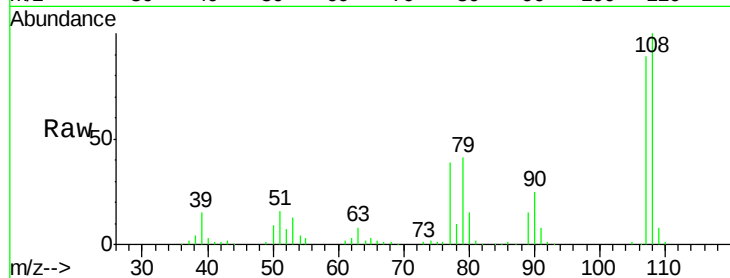
Ion Ratio Lower Upper

107 100

108 112.8 89.8 134.8

77 44.3 32.6 48.8

79 46.2 32.8 49.2

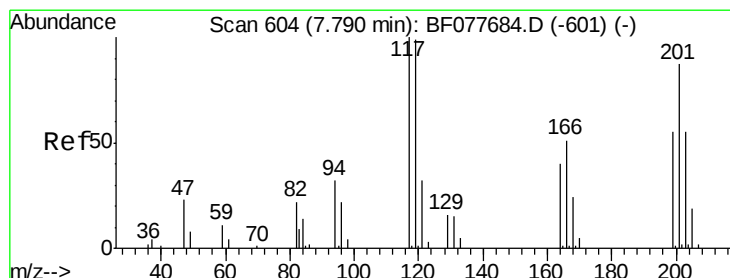
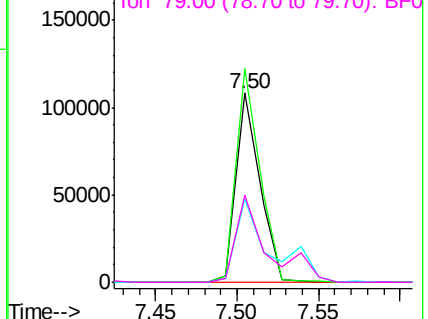
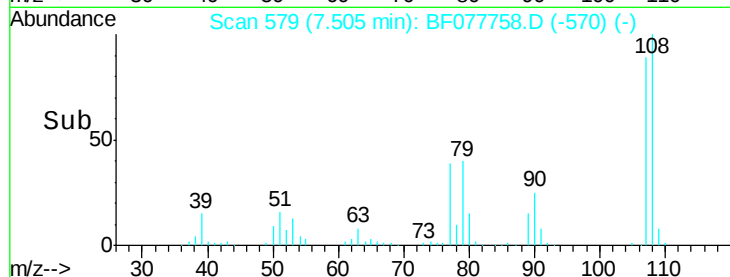


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 32.79 ng

RT: 7.79 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF077758.D

Acq: 16 Mar 2015 17:45

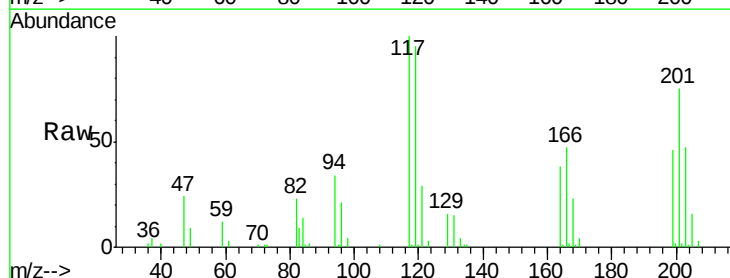
Tgt Ion:117 Resp: 49319

Ion Ratio Lower Upper

117 100

119 95.2 79.2 118.8

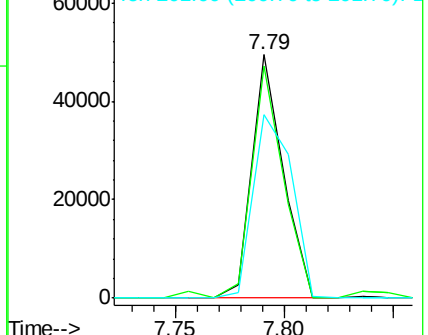
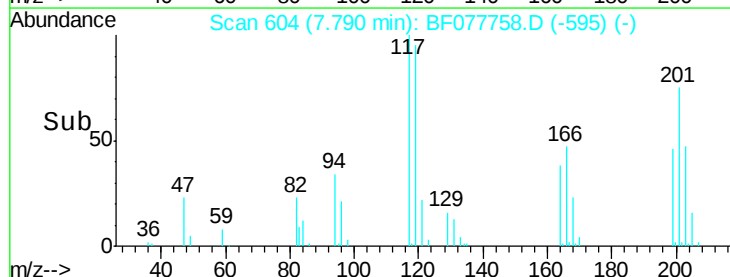
201 75.2 69.8 104.6

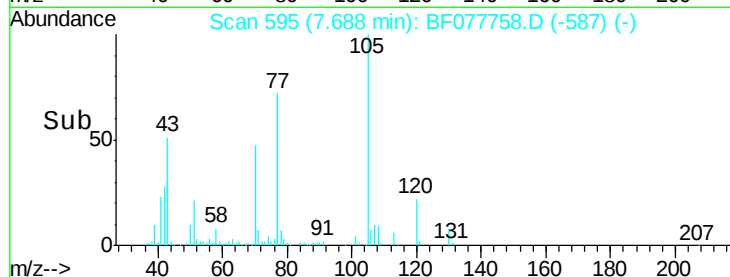
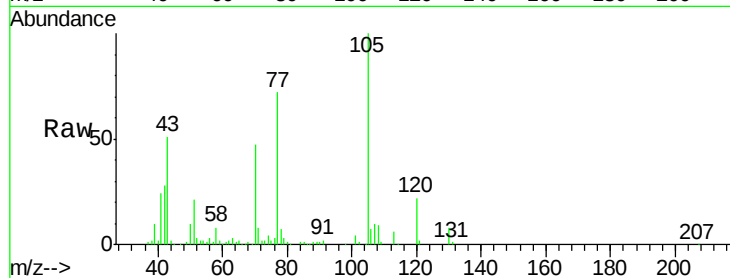
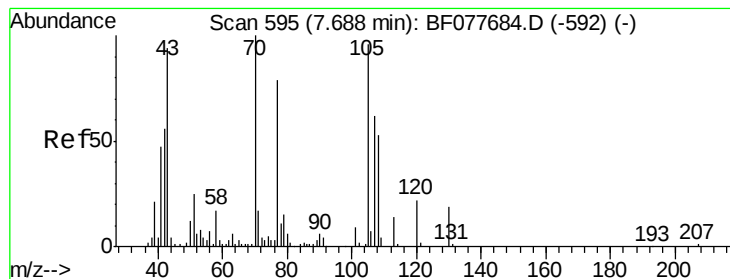


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 33.37 ng

RT: 7.69 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF077758.D

Acq: 16 Mar 2015 17:45

Instrument :

BNA_F

ClientSampleId :

WCMSD

Tgt Ion: 70 Resp: 95077

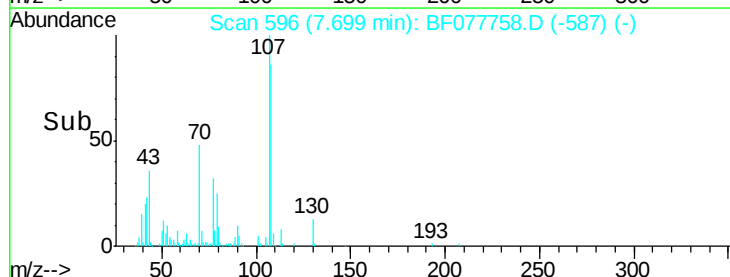
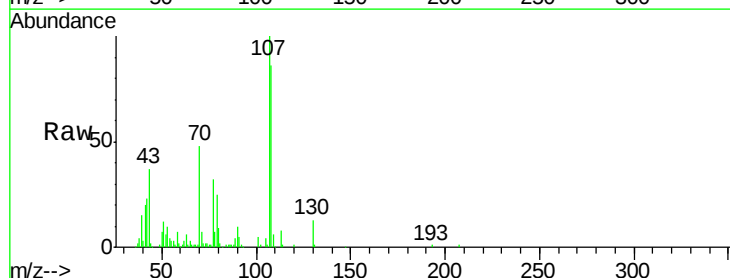
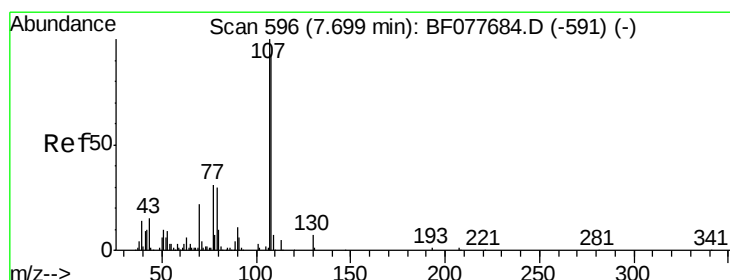
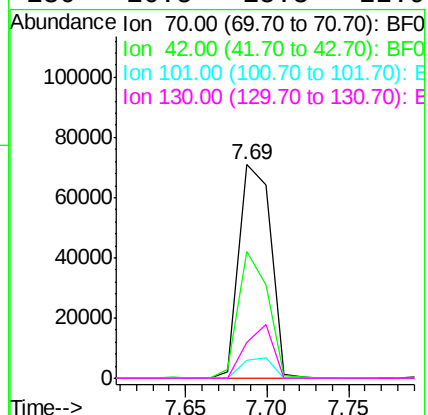
Ion Ratio Lower Upper

70 100

42 59.4 44.5 66.7

101 8.2 7.4 11.2

130 16.5 15.3 22.9



#20

3+4-Methylphenols

Concen: 34.85 ng

RT: 7.70 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF077758.D

Acq: 16 Mar 2015 17:45

Tgt Ion: 107 Resp: 147723

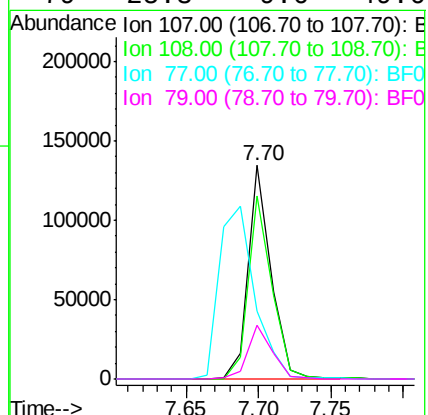
Ion Ratio Lower Upper

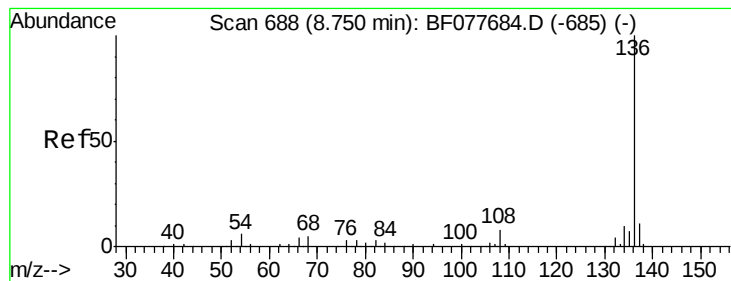
107 100

108 86.0 73.2 113.2

77 31.6 10.7 50.7

79 25.3 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.75 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF077758.D

Acq: 16 Mar 2015 17:45

Instrument :

BNA_F

ClientSampleId :

WCMSD

Tgt Ion:136 Resp: 244381

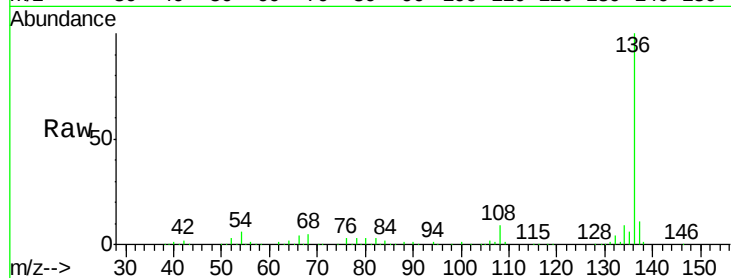
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 6.3 4.6 6.8

68 5.3 3.7 5.5

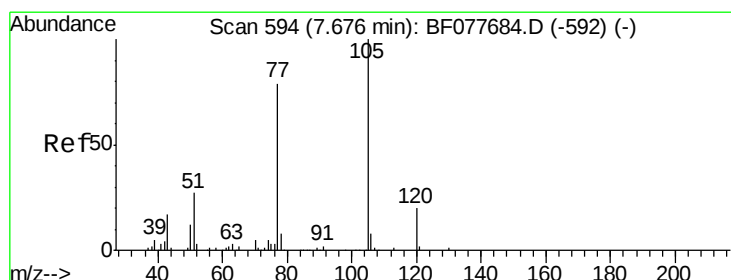
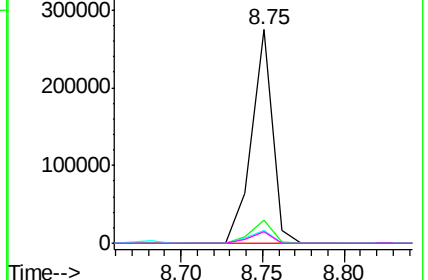
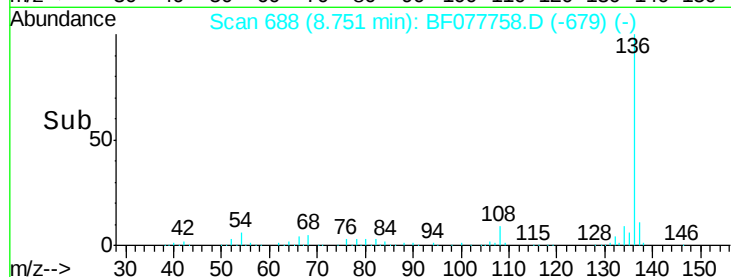


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.89 ng

RT: 7.69 min Scan# 595

Delta R.T. 0.00 min

Lab File: BF077758.D

Acq: 16 Mar 2015 17:45

Tgt Ion:105 Resp: 194149

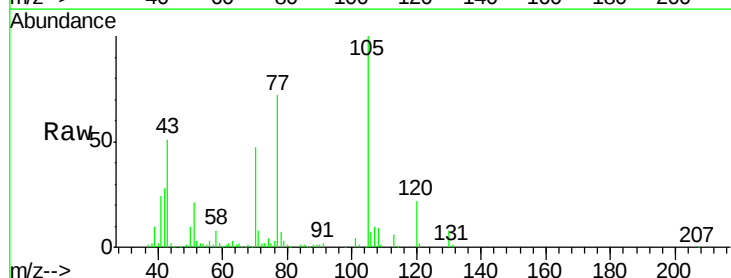
Ion Ratio Lower Upper

105 100

71 7.8 0.6 1.0#

51 21.0 21.6 32.4#

120 22.3 16.1 24.1

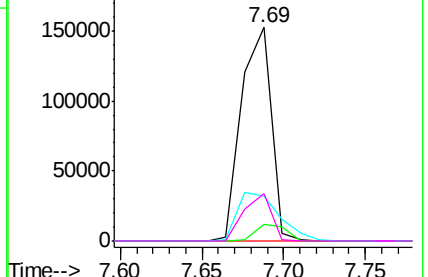
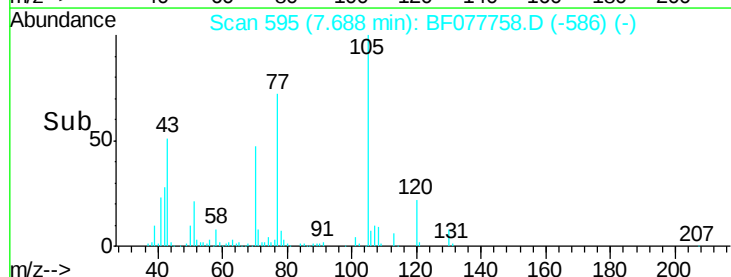


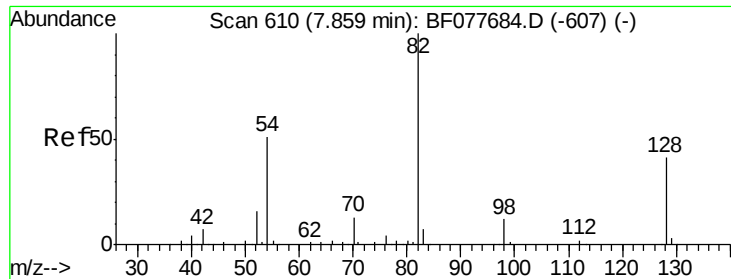
Abundance Ion 105.00 (104.70 to 105.70): E

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

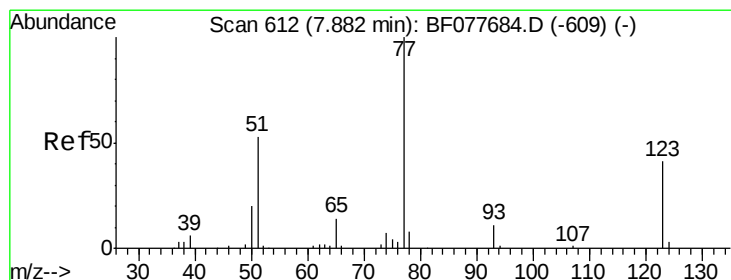
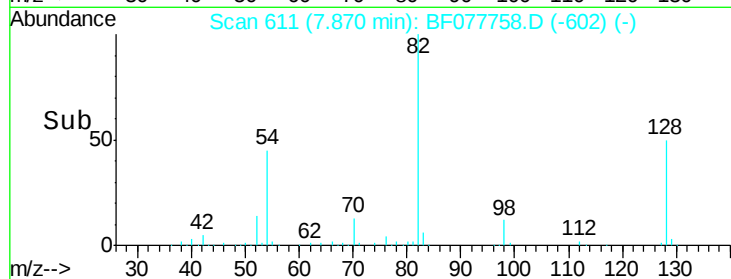
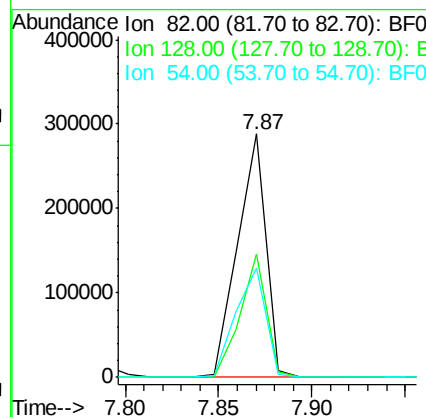
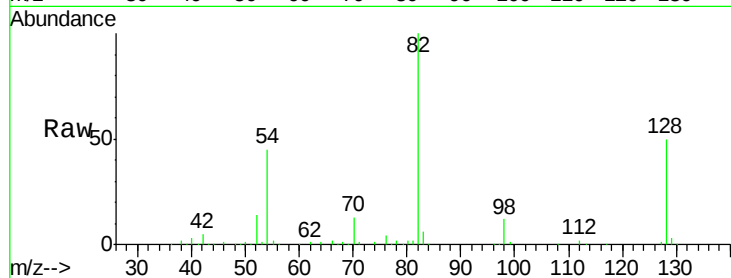




#23
 Nitrobenzene-d5
 Concen: 82.52 ng
 RT: 7.87 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF077758.D
 Acq: 16 Mar 2015 17:45

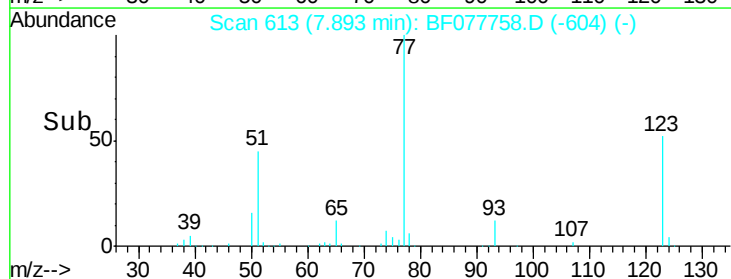
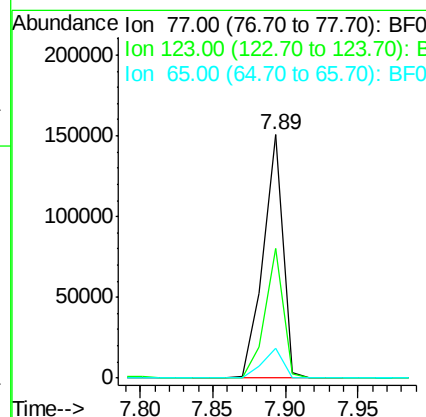
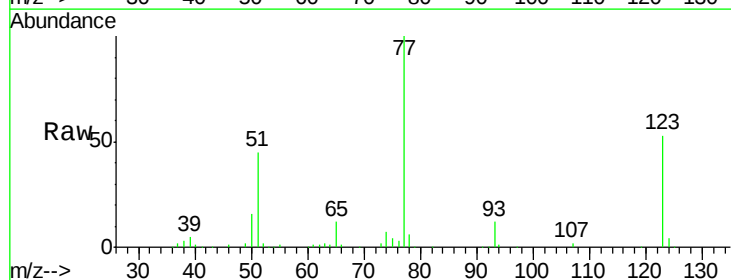
Instrument :
 BNA_F
 ClientSampleId :
 WCMSD

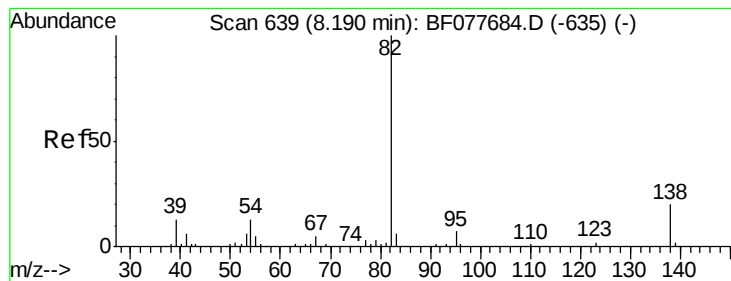
Tgt Ion: 82 Resp: 307655
 Ion Ratio Lower Upper
 82 100
 128 50.5 32.8 49.2#
 54 45.1 40.6 60.8



#24
 Nitrobenzene
 Concen: 35.70 ng
 RT: 7.89 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF077758.D
 Acq: 16 Mar 2015 17:45

Tgt Ion: 77 Resp: 143380
 Ion Ratio Lower Upper
 77 100
 123 53.1 32.6 49.0#
 65 12.3 10.9 16.3





#25

Isophorone

Concen: 34.85 ng

RT: 8.19 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF077758.D

Acq: 16 Mar 2015 17:45

Instrument :

BNA_F

ClientSampleId :

WCMSD

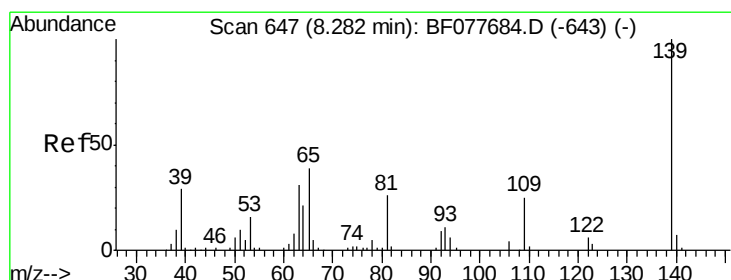
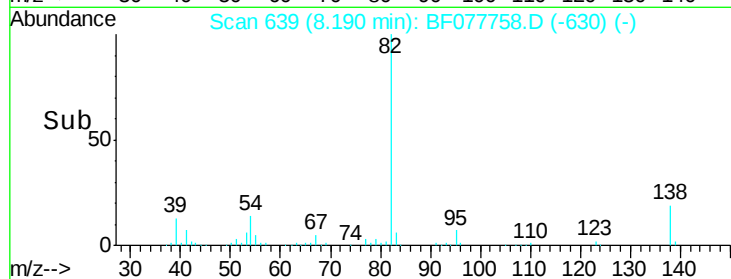
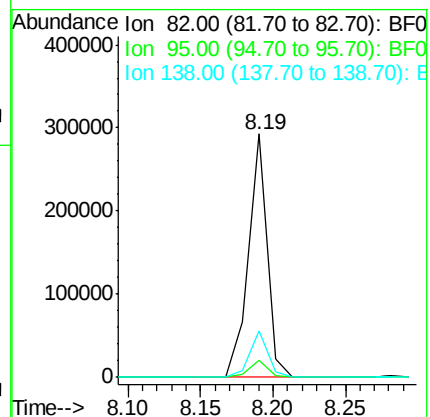
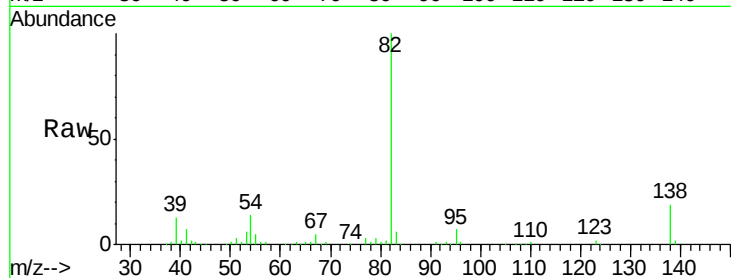
Tgt Ion: 82 Resp: 262393

Ion Ratio Lower Upper

82 100

95 6.8 5.8 8.6

138 19.0 16.3 24.5



#26

2-Nitrophenol

Concen: 35.09 ng

RT: 8.28 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF077758.D

Acq: 16 Mar 2015 17:45

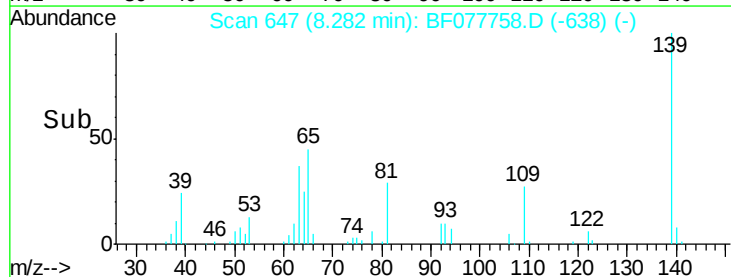
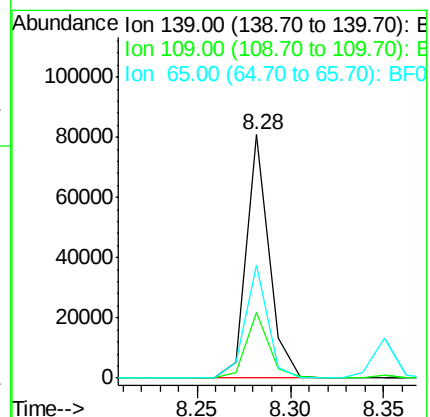
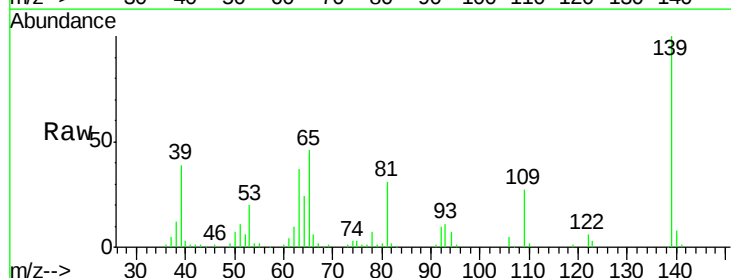
Tgt Ion: 139 Resp: 69005

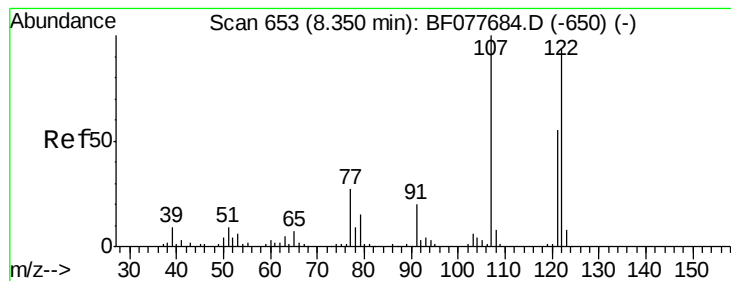
Ion Ratio Lower Upper

139 100

109 26.7 20.1 30.1

65 46.3 31.5 47.3





#27

2,4-Dimethylphenol

Concen: 31.86 ng

RT: 8.35 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF077758.D

Acq: 16 Mar 2015 17:45

Instrument :

BNA_F

ClientSampleId :

WCMSD

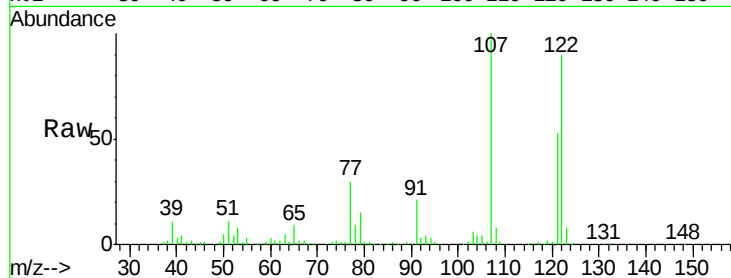
Tgt Ion: 122 Resp: 114119

Ion Ratio Lower Upper

122 100

107 110.6 84.7 127.1

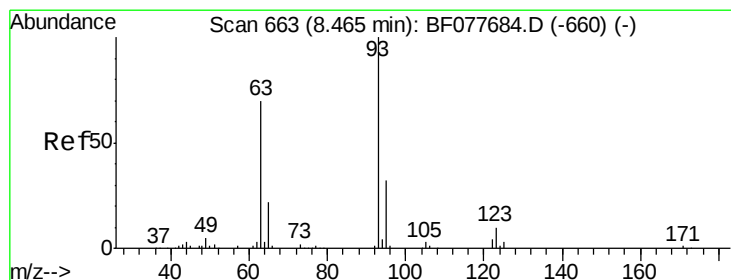
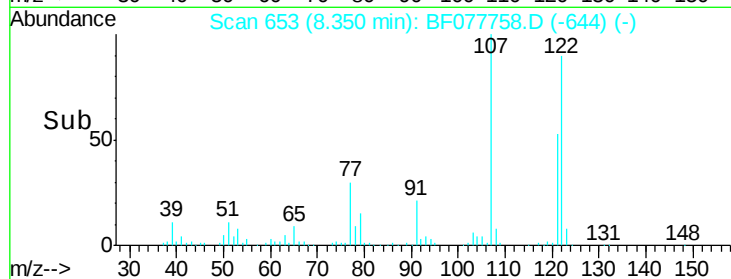
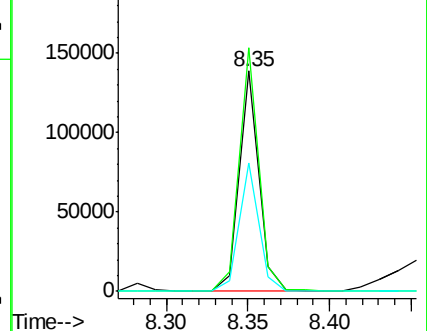
121 58.5 46.6 69.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.37 ng

RT: 8.48 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF077758.D

Acq: 16 Mar 2015 17:45

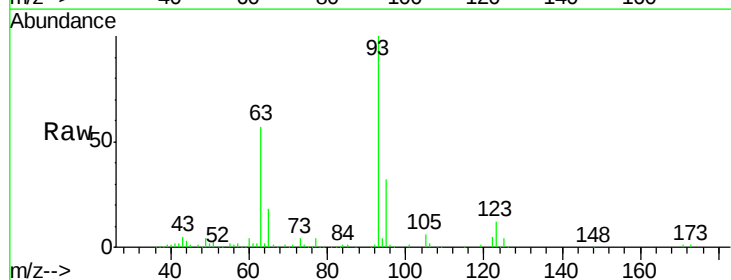
Tgt Ion: 93 Resp: 161618

Ion Ratio Lower Upper

93 100

95 31.8 25.5 38.3

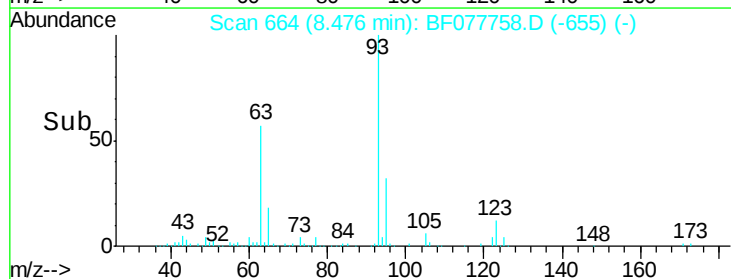
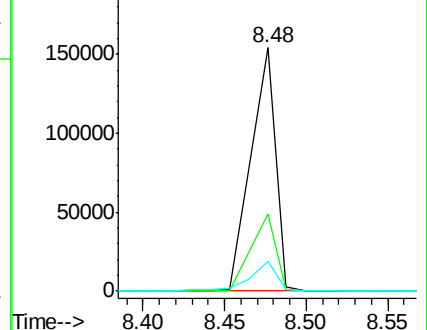
123 12.1 8.6 13.0

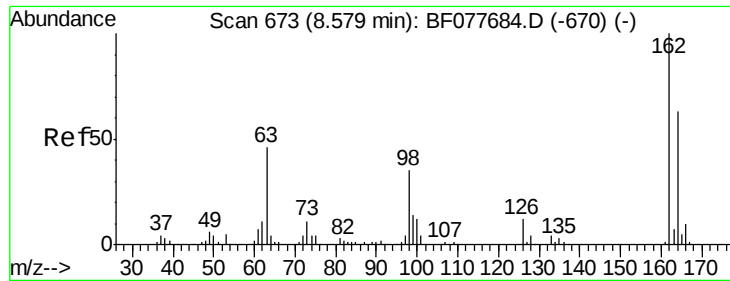


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

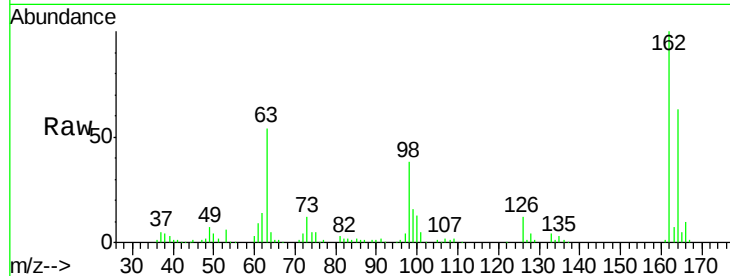




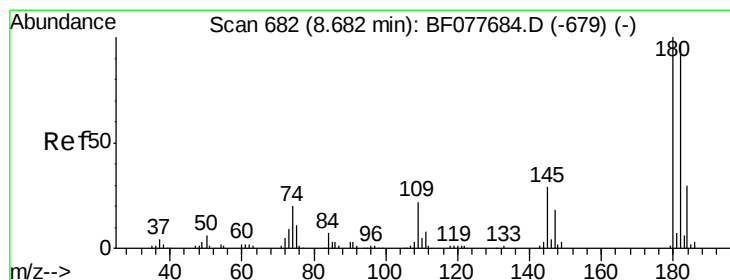
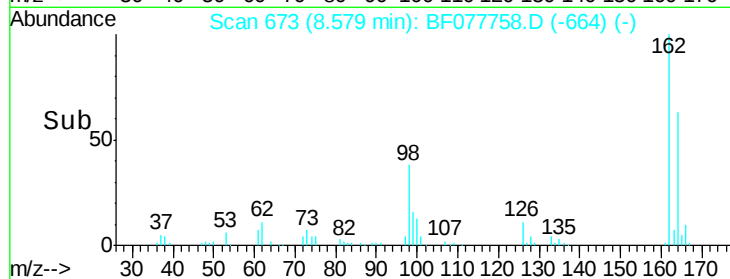
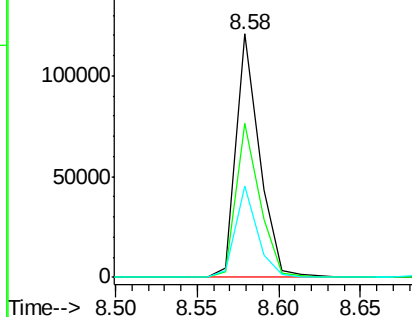
#29
 2,4-Dichlorophenol
 Concen: 35.15 ng
 RT: 8.58 min Scan# 673
 Delta R.T. 0.00 min
 Lab File: BF077758.D
 Acq: 16 Mar 2015 17:45

Instrument :
 BNA_F
 ClientSampleId :
 WCMSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.1	42.8	82.8
98	37.7	14.5	54.5

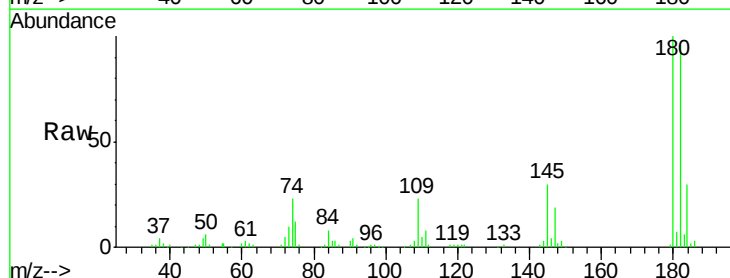


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

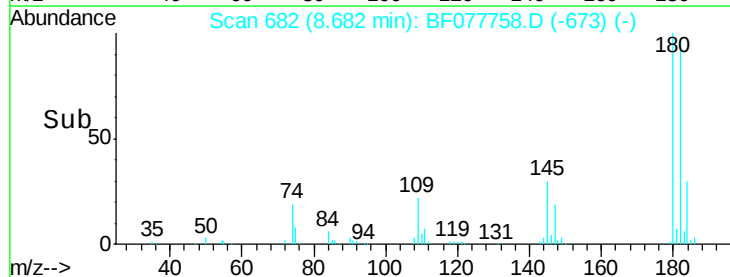
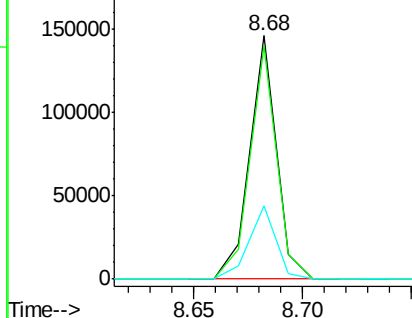


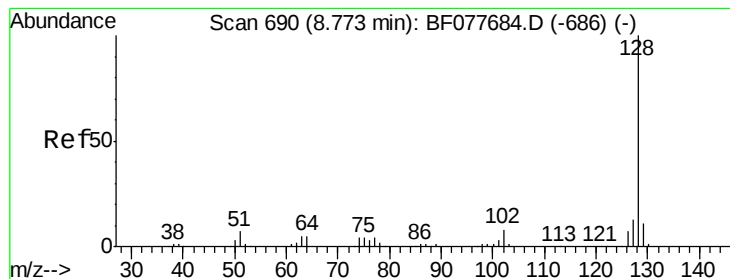
#30
 1,2,4-Trichlorobenzene
 Concen: 32.65 ng
 RT: 8.68 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF077758.D
 Acq: 16 Mar 2015 17:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.6	116.4
145	29.9	23.4	35.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 32.71 ng

RT: 8.77 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF077758.D

Acq: 16 Mar 2015 17:45

Instrument :

BNA_F

ClientSampleId :

WCMSD

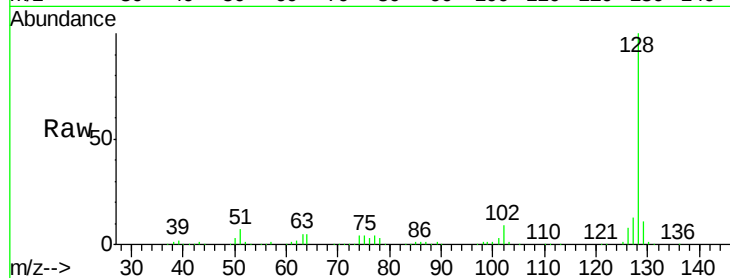
Tgt Ion:128 Resp: 410589

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

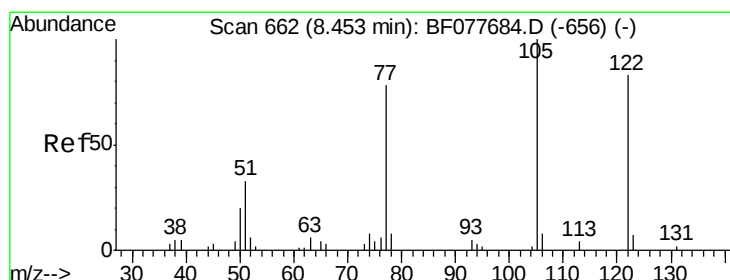
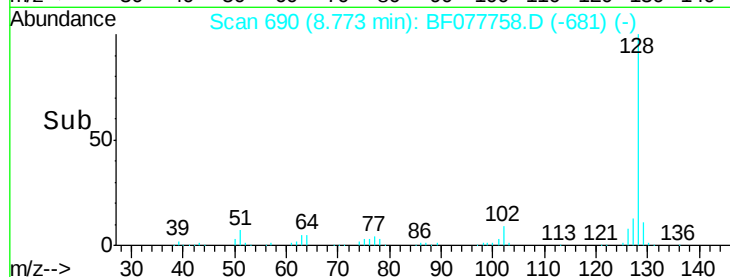
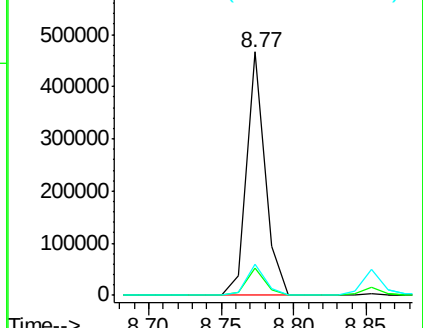
127 13.1 10.4 15.6



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



#32

Benzoic acid

Concen: 26.12 ng

RT: 8.45 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF077758.D

Acq: 16 Mar 2015 17:45

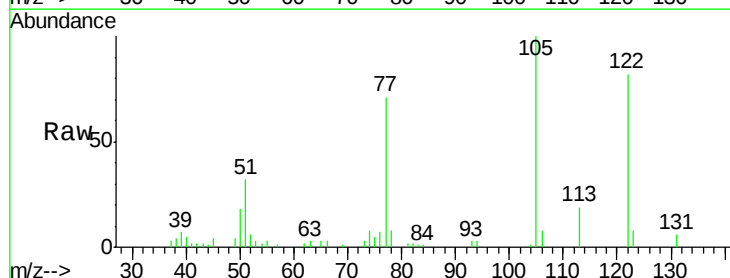
Tgt Ion:122 Resp: 49175

Ion Ratio Lower Upper

122 100

105 121.4 99.9 139.9

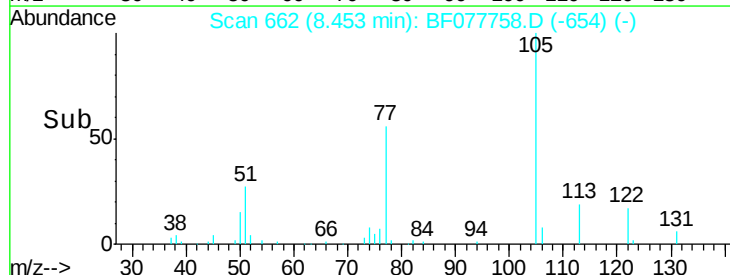
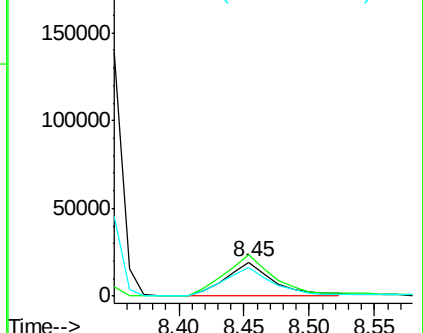
77 86.5 73.7 113.7

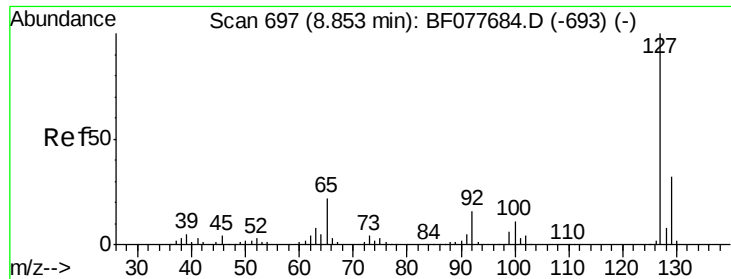


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

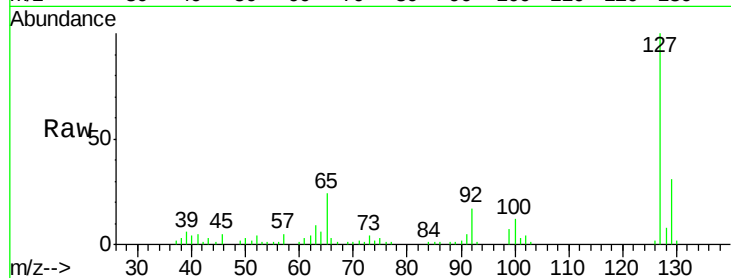




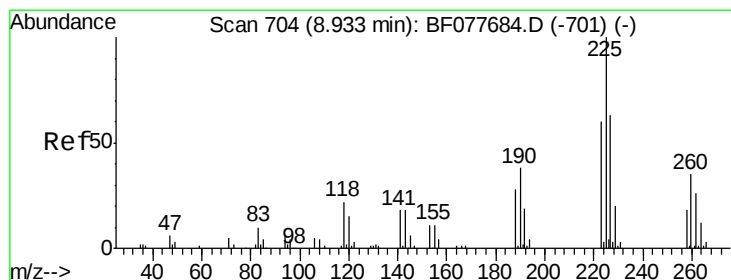
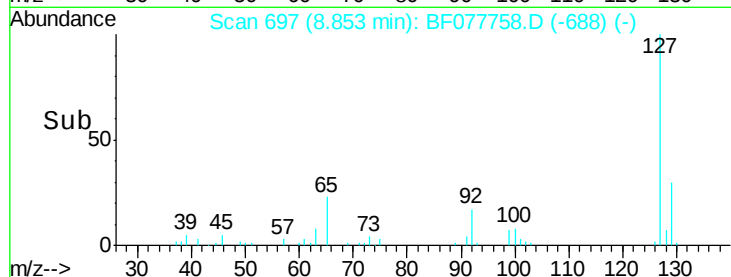
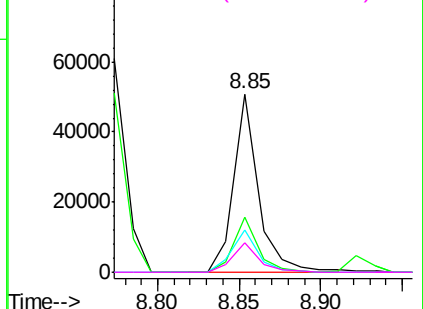
#33
4-Chloroaniline
Concen: 10.49 ng
RT: 8.85 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF077758.D
Acq: 16 Mar 2015 17:45

Instrument :
BNA_F
ClientSampleId :
WCMSD

Tgt Ion:	127	Resp:	53422
Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.3	37.9
65	24.0	17.6	26.4
92	16.8	13.1	19.7

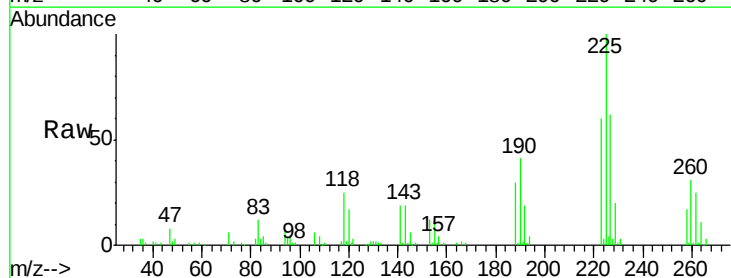


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

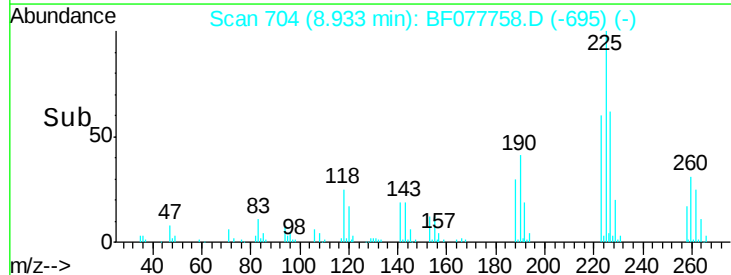
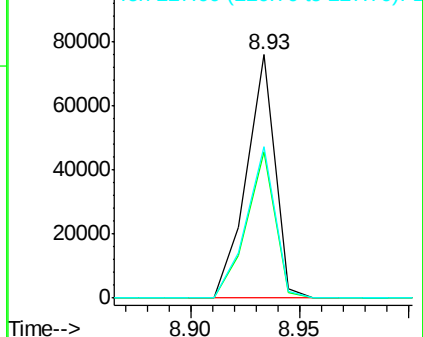


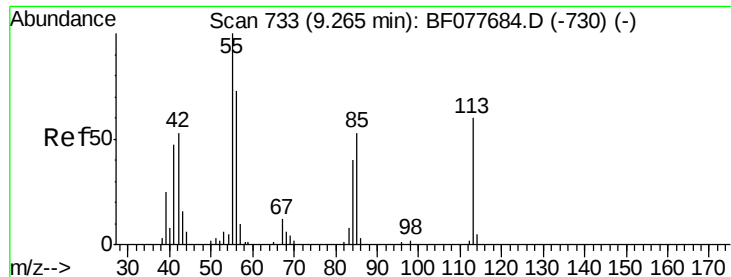
#34
Hexachlorobutadiene
Concen: 32.06 ng
RT: 8.93 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF077758.D
Acq: 16 Mar 2015 17:45

Tgt Ion:	225	Resp:	69430
Ion	Ratio	Lower	Upper
225	100		
223	60.0	47.9	71.9
227	62.4	50.1	75.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

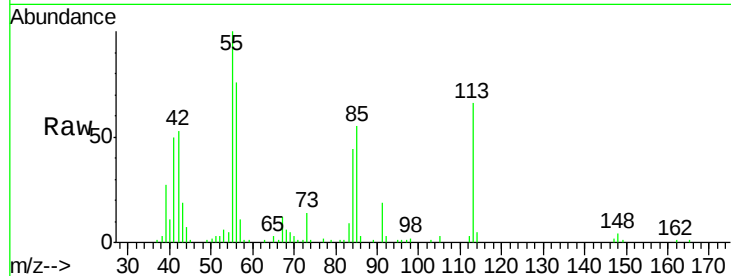




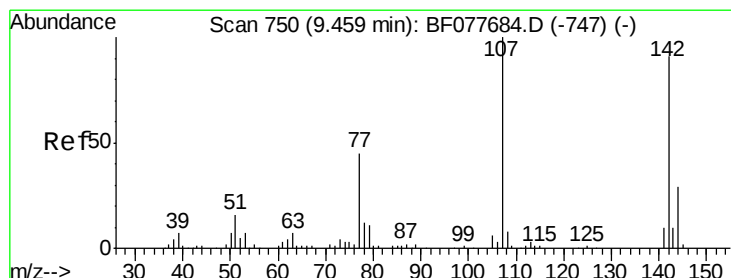
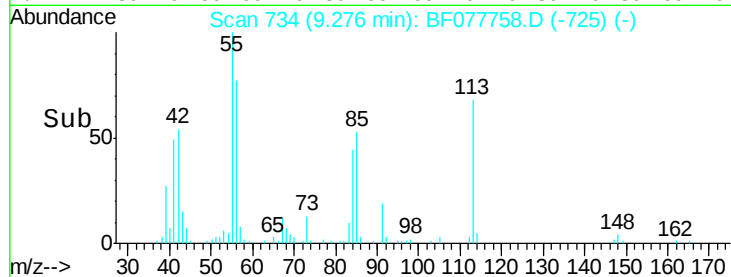
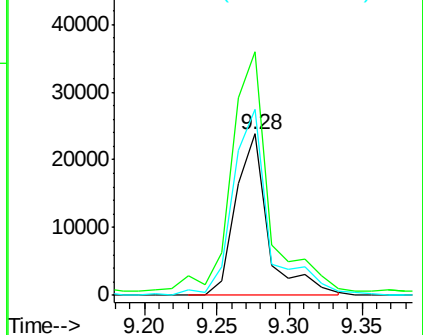
#35
 Caprolactam
 Concen: 37.05 ng
 RT: 9.28 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: BF077758.D
 Acq: 16 Mar 2015 17:45

Instrument :
 BNA_F
 ClientSampleId :
 WCMSD

Tgt Ion:113 Resp: 36973
 Ion Ratio Lower Upper
 113 100
 55 151.0 145.9 185.9
 56 115.5 101.0 141.0

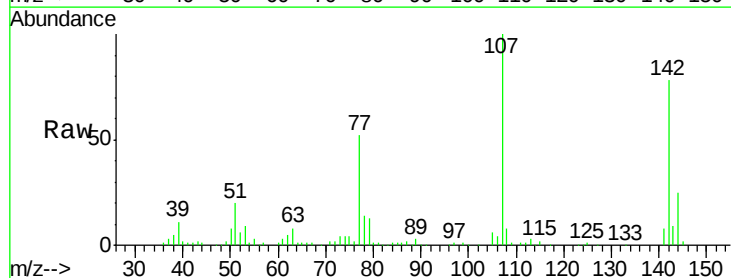


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

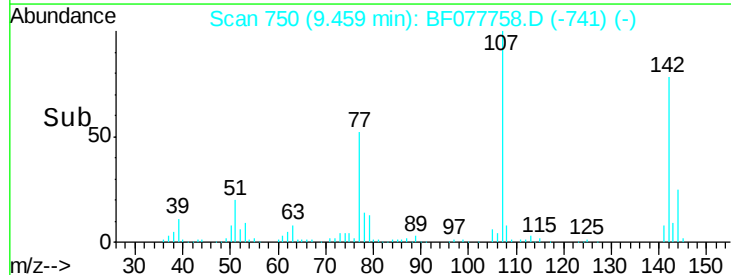
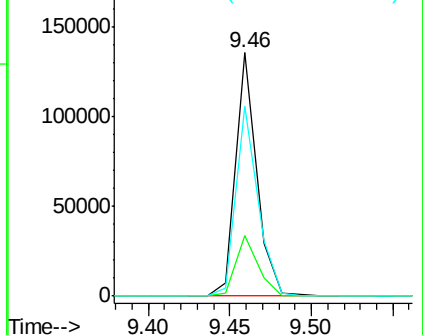


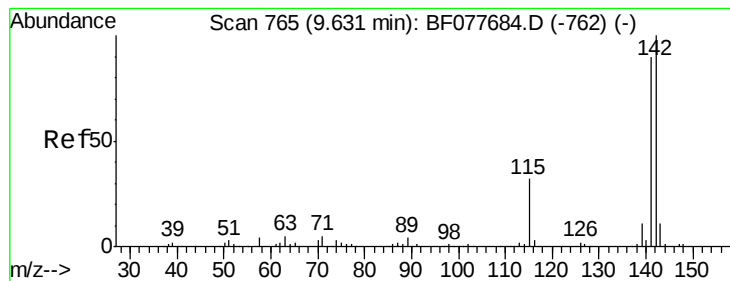
#36
 4-Chloro-3-methylphenol
 Concen: 35.06 ng
 RT: 9.46 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF077758.D
 Acq: 16 Mar 2015 17:45

Tgt Ion:107 Resp: 120468
 Ion Ratio Lower Upper
 107 100
 144 24.8 23.3 34.9
 142 77.8 72.6 109.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 35.87 ng

RT: 9.63 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF077758.D

Acq: 16 Mar 2015 17:45

Instrument :

BNA_F

ClientSampleId :

WCMSD

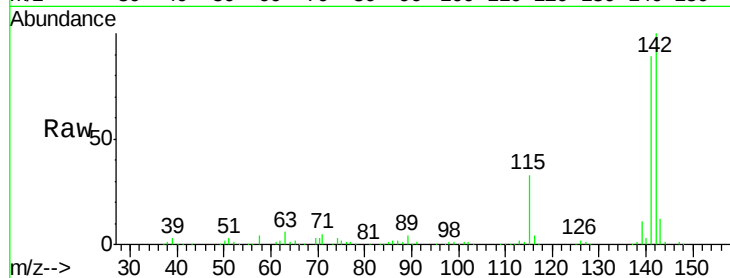
Tgt Ion:142 Resp: 302428

Ion Ratio Lower Upper

142 100

141 89.4 71.9 107.9

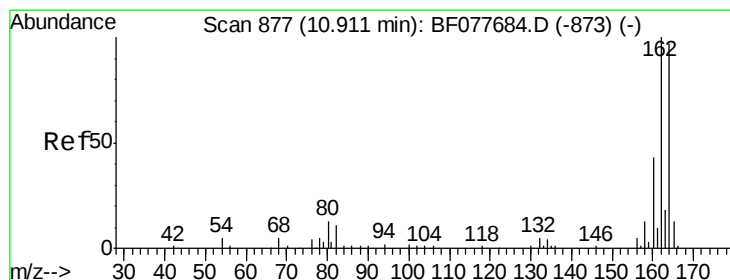
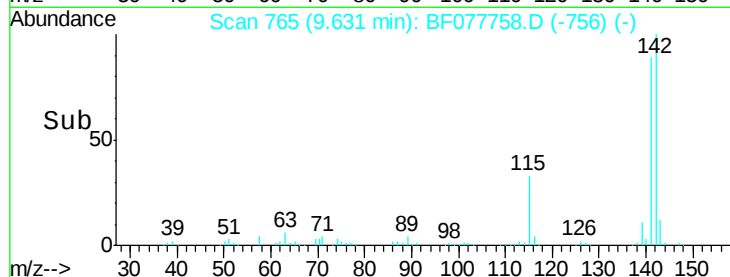
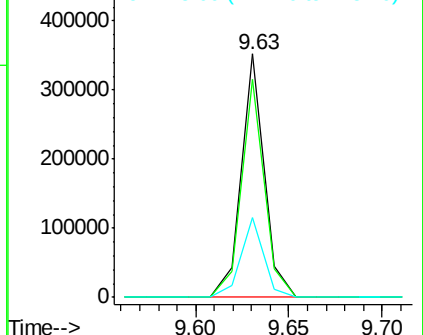
115 32.6 25.4 38.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.91 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF077758.D

Acq: 16 Mar 2015 17:45

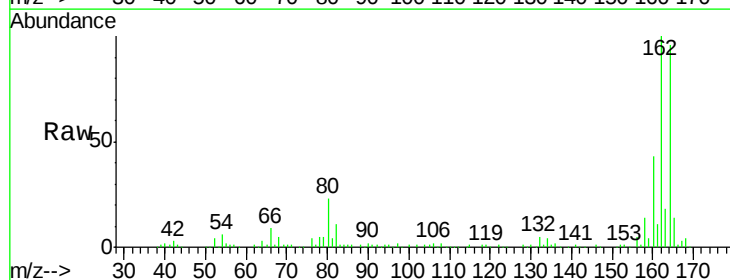
Tgt Ion:164 Resp: 121771

Ion Ratio Lower Upper

164 100

162 103.6 82.4 123.6

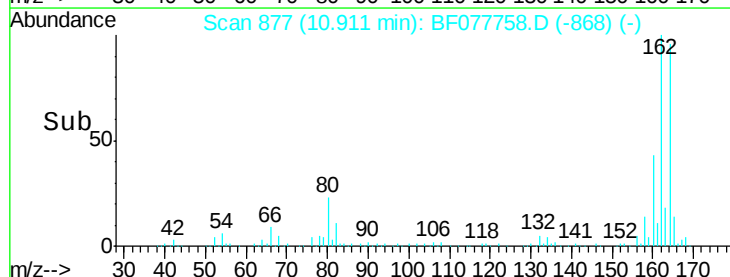
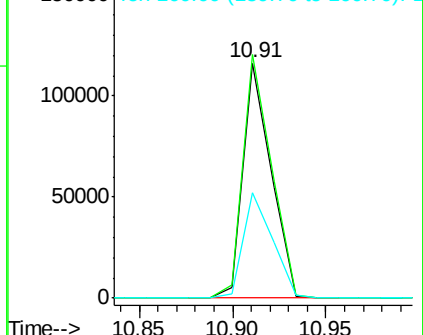
160 45.1 35.8 53.6

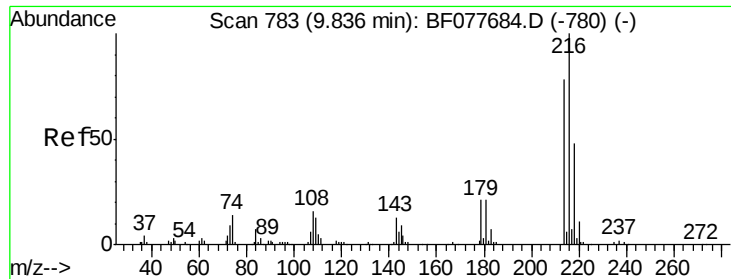


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.78 ng

RT: 9.84 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF077758.D

Acq: 16 Mar 2015 17:45

Instrument :

BNA_F

ClientSampleId :

WCMSD

Tgt Ion:216 Resp: 122703

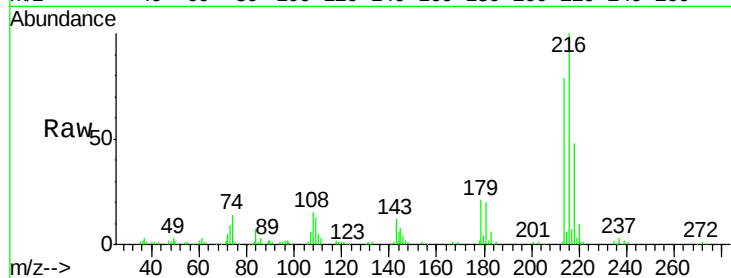
Ion Ratio Lower Upper

216 100

214 78.5 0.0 0.0#

179 21.7 0.0 0.0#

108 19.8 0.0 0.0#

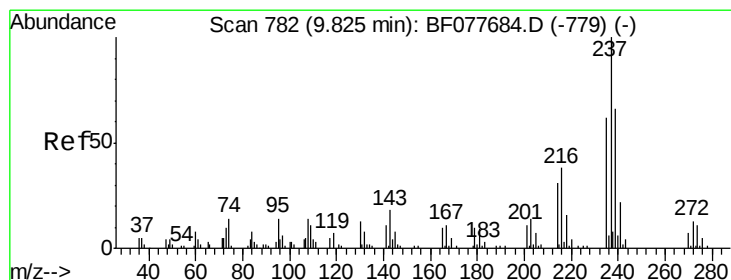
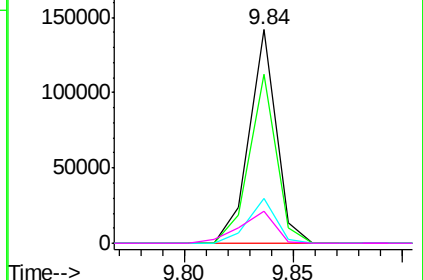
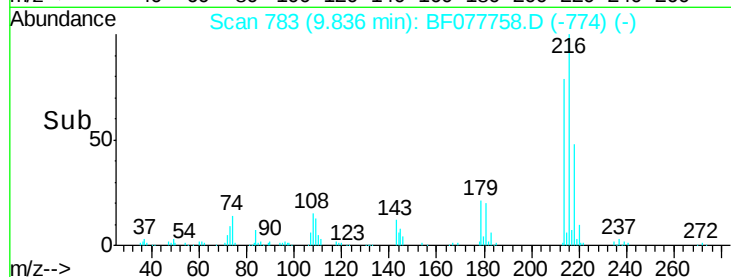


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 61.62 ng

RT: 9.82 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF077758.D

Acq: 16 Mar 2015 17:45

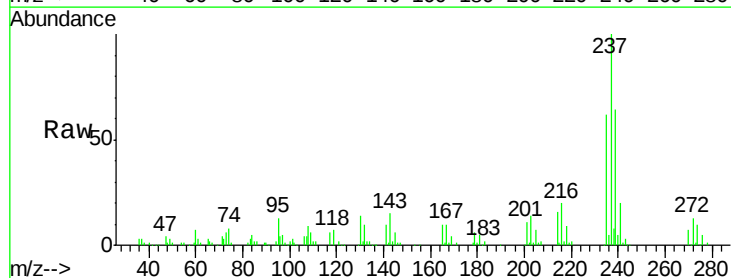
Tgt Ion:237 Resp: 110656

Ion Ratio Lower Upper

237 100

235 61.5 42.0 82.0

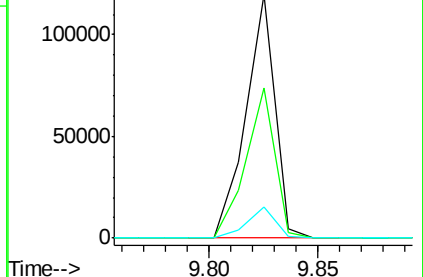
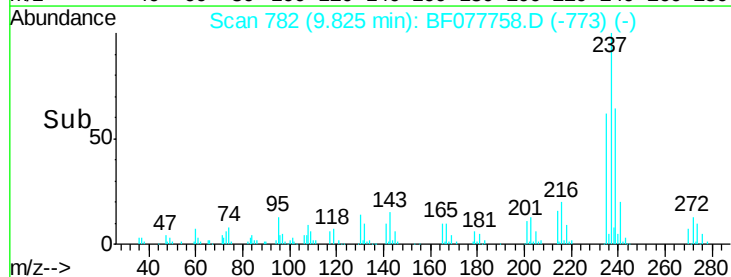
272 12.9 0.0 33.4

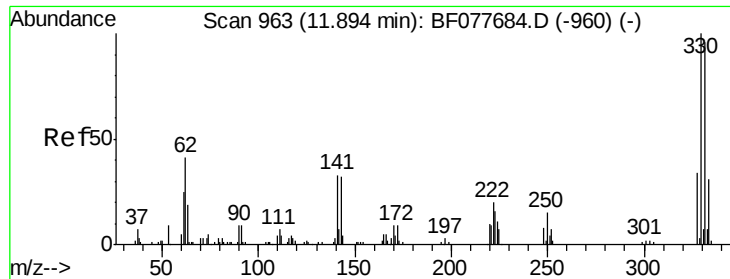


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

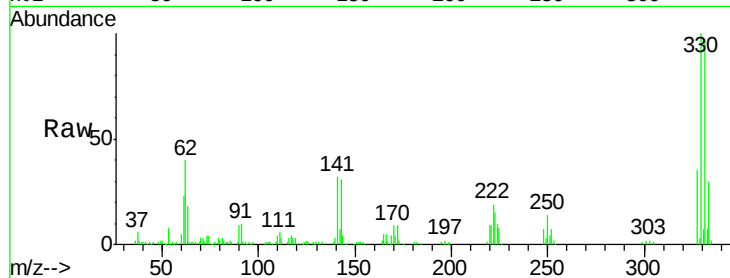




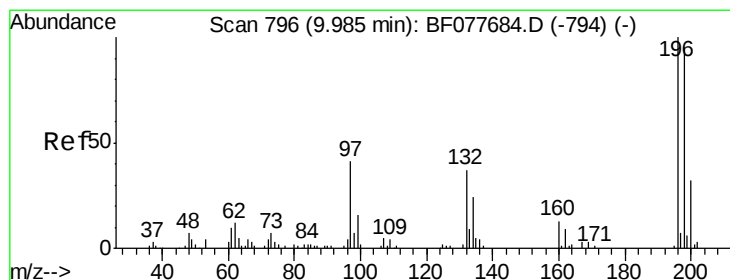
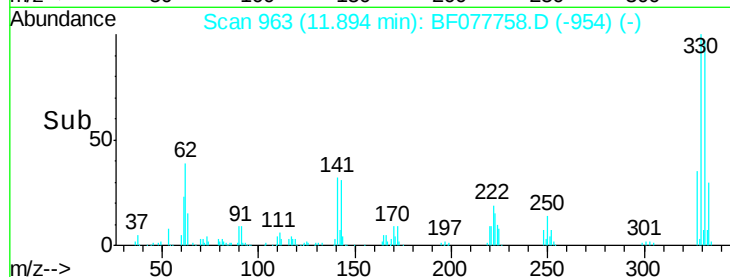
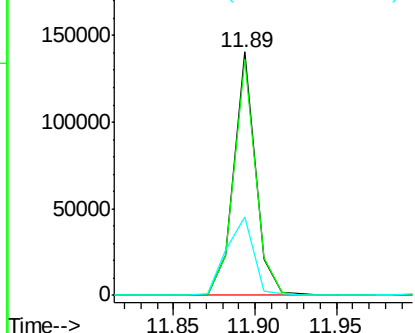
#41
 2,4,6-Tribromophenol
 Concen: 110.26 ng
 RT: 11.89 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF077758.D
 Acq: 16 Mar 2015 17:45

Instrument :
 BNA_F
 ClientSampleId :
 WCMSD

Tgt Ion:330 Resp: 128467
 Ion Ratio Lower Upper
 330 100
 332 98.1 0.0 0.0#
 141 40.9 0.0 0.0#

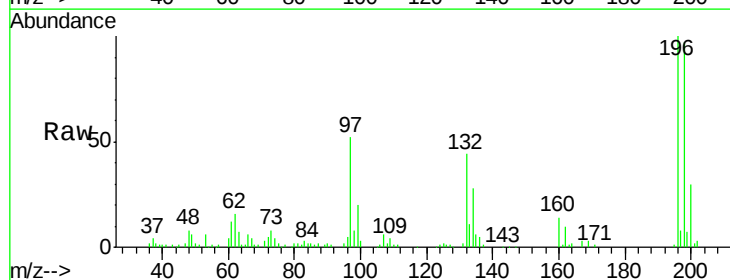


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

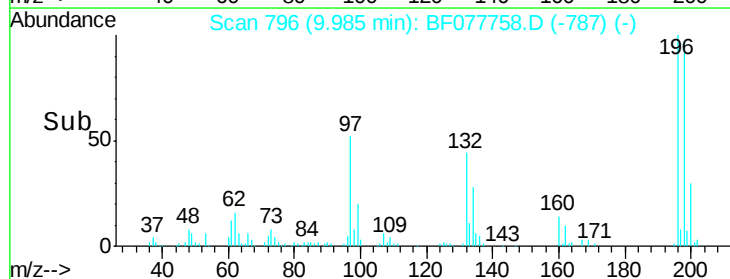
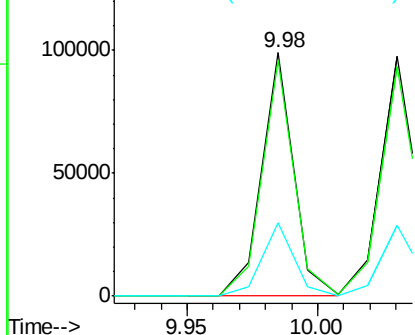


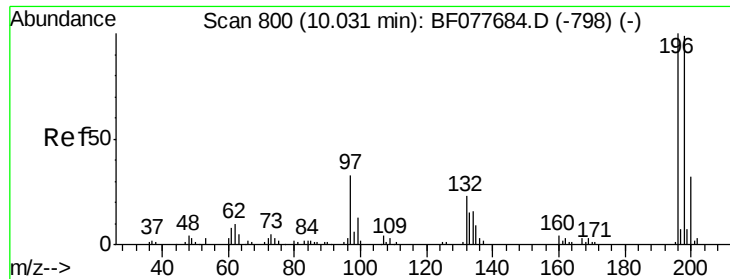
#42
 2,4,6-Trichlorophenol
 Concen: 33.93 ng
 RT: 9.98 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF077758.D
 Acq: 16 Mar 2015 17:45

Tgt Ion:196 Resp: 85374
 Ion Ratio Lower Upper
 196 100
 198 96.8 76.3 114.5
 200 30.2 25.6 38.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

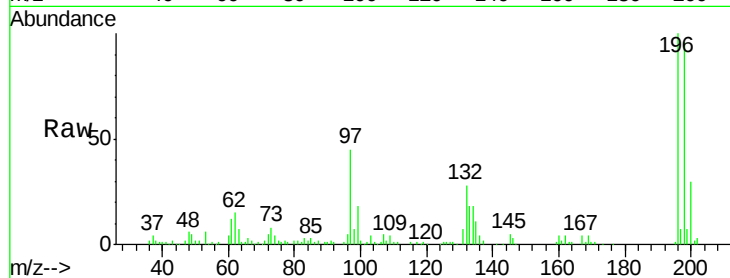




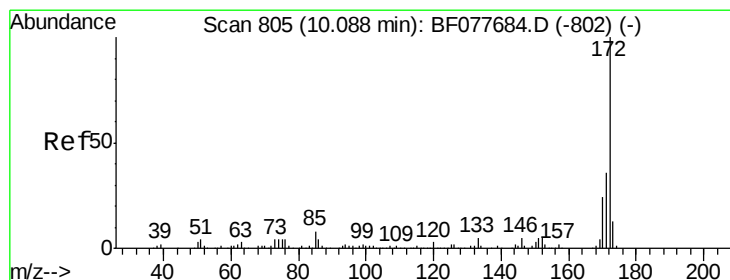
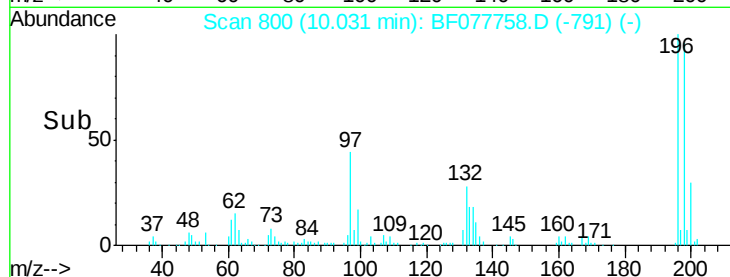
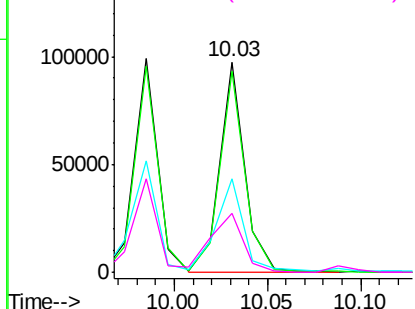
#43
 2,4,5-Trichlorophenol
 Concen: 33.56 ng
 RT: 10.03 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF077758.D
 Acq: 16 Mar 2015 17:45

Instrument :
 BNA_F
 ClientSampleId :
 WCMSD

Tgt Ion:196 Resp: 91204
 Ion Ratio Lower Upper
 196 100
 198 95.6 79.4 119.0
 97 44.7 26.8 40.2#
 132 28.2 18.6 28.0#

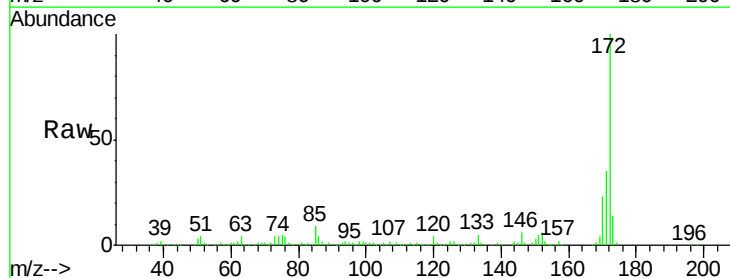


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

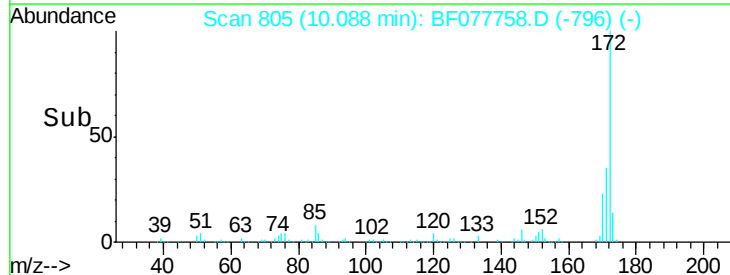
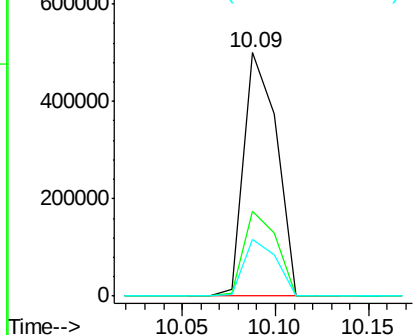


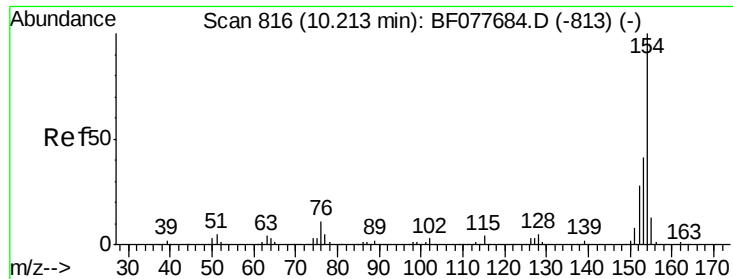
#44
 2-Fluorobiphenyl
 Concen: 73.82 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077758.D
 Acq: 16 Mar 2015 17:45

Tgt Ion:172 Resp: 611698
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 23.1 18.8 28.2



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

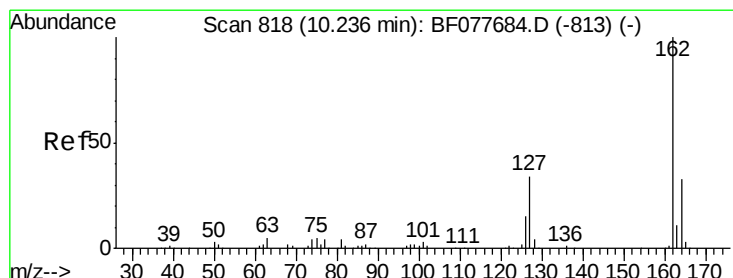
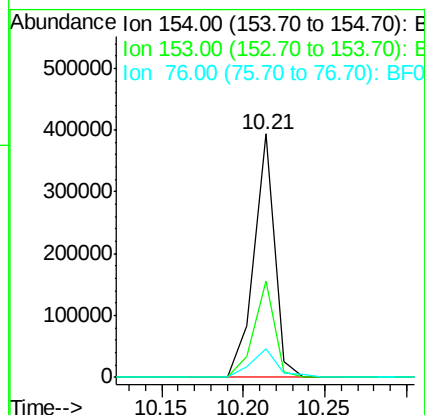
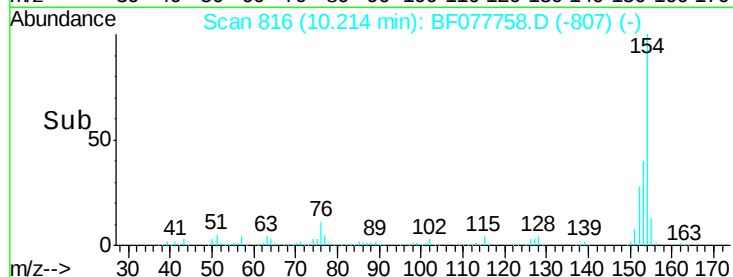
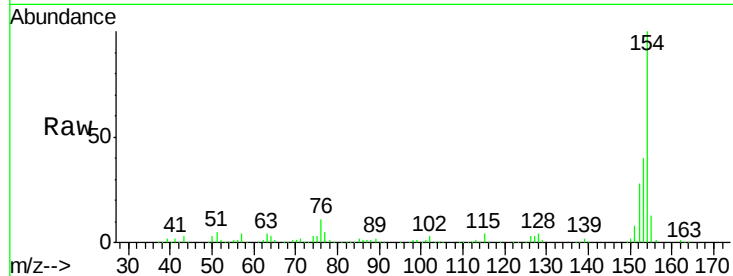




#45
1,1'-Biphenyl
Concen: 35.40 ng
RT: 10.21 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF077758.D
Acq: 16 Mar 2015 17:45

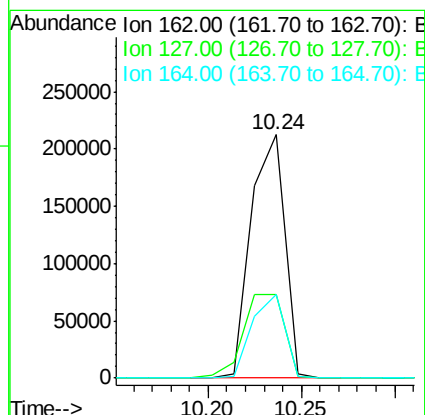
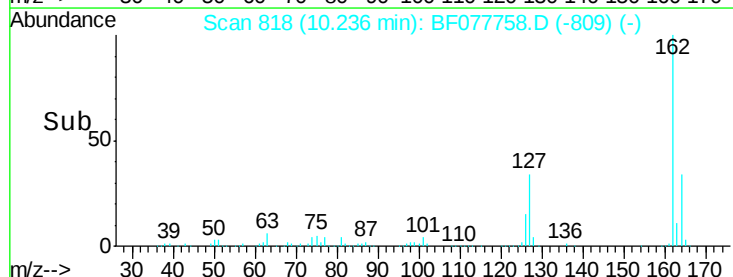
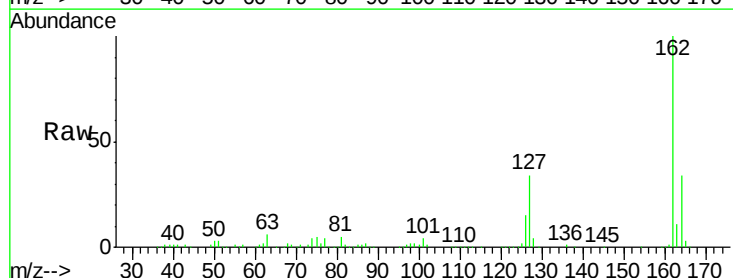
Instrument :
BNA_F
ClientSampleId :
WCMSD

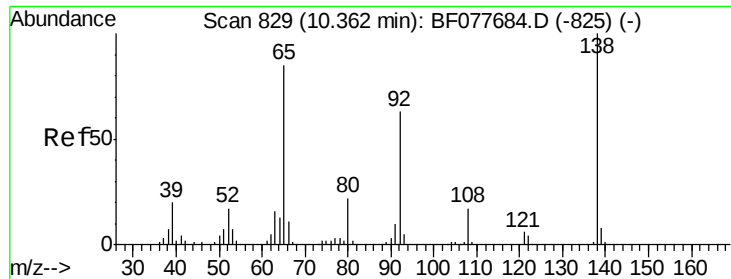
Tgt Ion:154 Resp: 344608
Ion Ratio Lower Upper
154 100
153 39.8 20.7 60.7
76 11.5 0.0 30.9



#46
2-Chloronaphthalene
Concen: 33.60 ng
RT: 10.24 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF077758.D
Acq: 16 Mar 2015 17:45

Tgt Ion:162 Resp: 265780
Ion Ratio Lower Upper
162 100
127 34.5 26.9 40.3
164 34.3 26.8 40.2

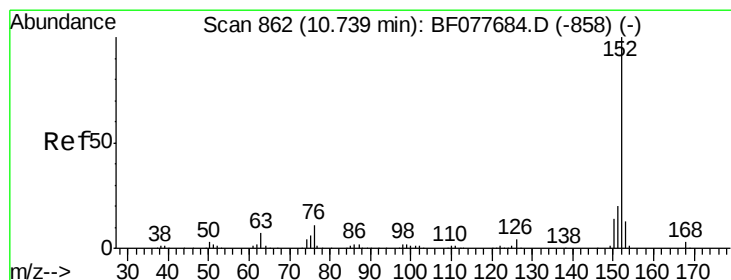
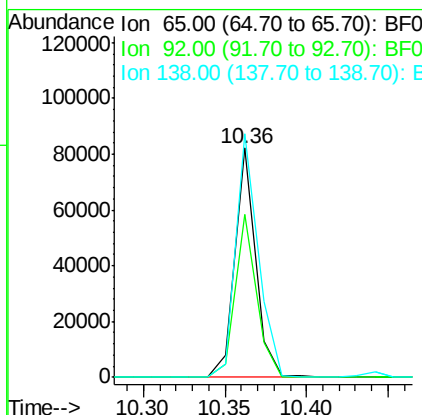
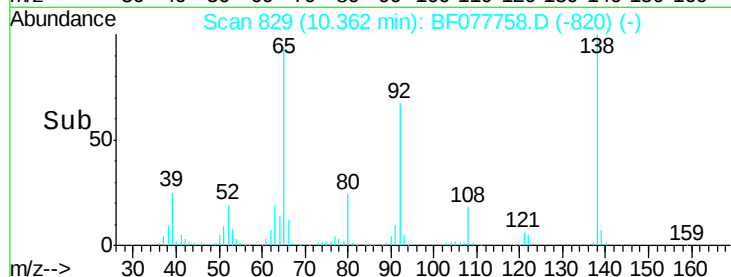
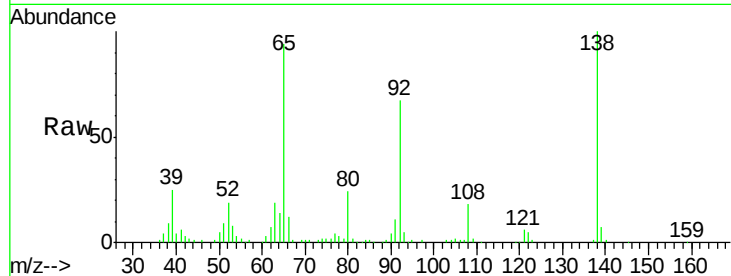




#47
 2-Nitroaniline
 Concen: 36.51 ng
 RT: 10.36 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF077758.D
 Acq: 16 Mar 2015 17:45

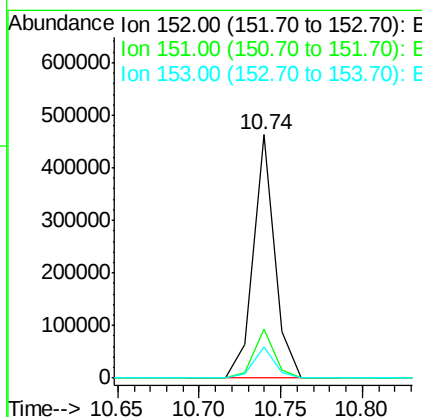
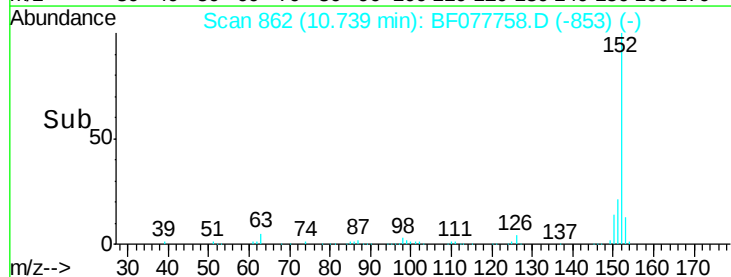
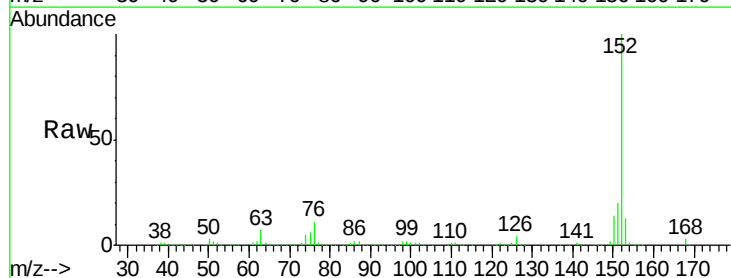
Instrument :
 BNA_F
 ClientSampleId :
 WCMSD

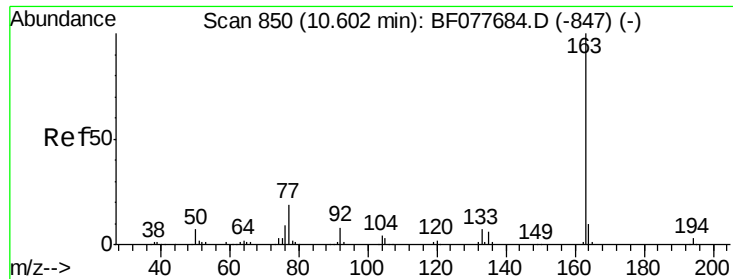
Tgt Ion: 65 Resp: 71721
 Ion Ratio Lower Upper
 65 100
 92 70.9 59.1 88.7
 138 106.1 93.9 140.9



#48
 Acenaphthylene
 Concen: 32.07 ng
 RT: 10.74 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: BF077758.D
 Acq: 16 Mar 2015 17:45

Tgt Ion: 152 Resp: 421882
 Ion Ratio Lower Upper
 152 100
 151 20.4 15.9 23.9
 153 13.0 10.6 16.0

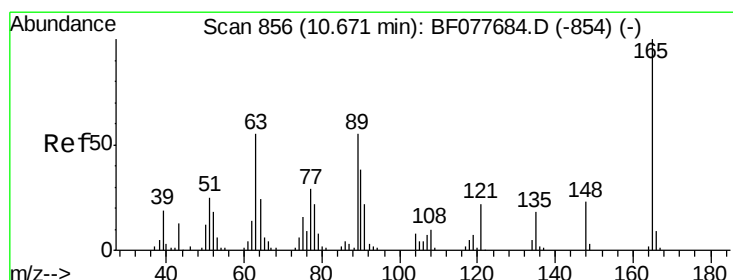
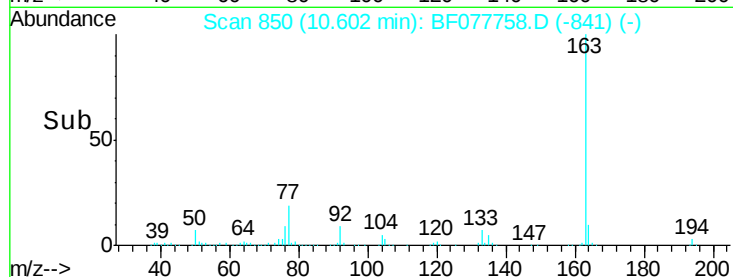
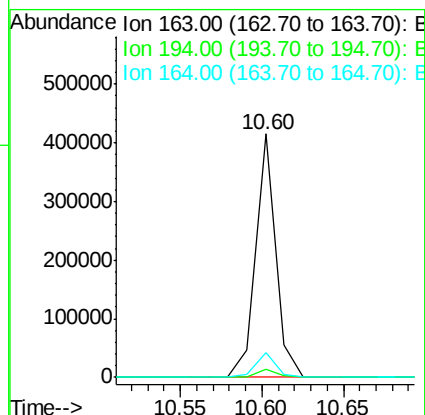
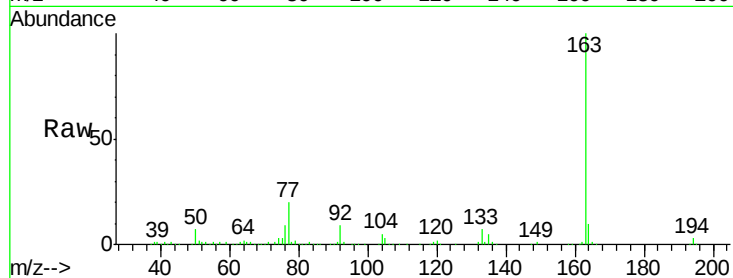




#49
Dimethylphthalate
Concen: 39.40 ng
RT: 10.60 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF077758.D
Acq: 16 Mar 2015 17:45

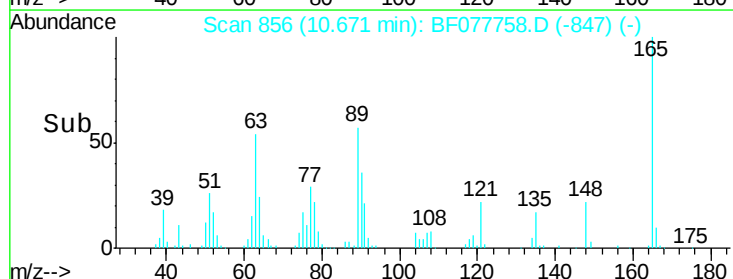
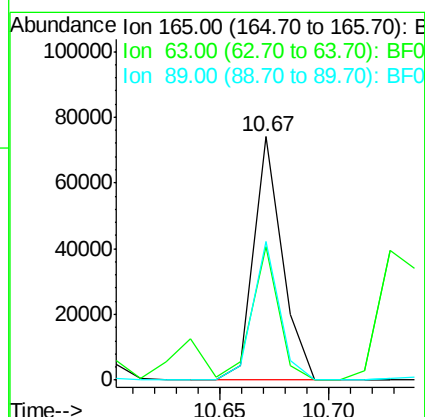
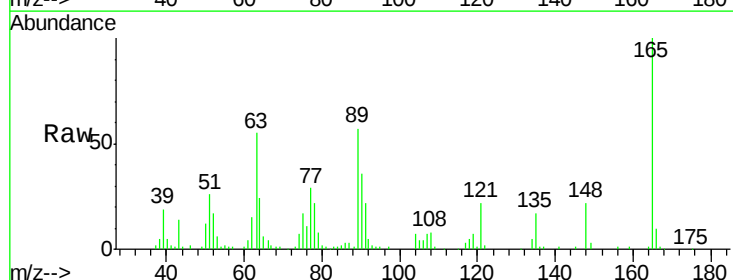
Instrument :
BNA_F
ClientSampleId :
WCMSD

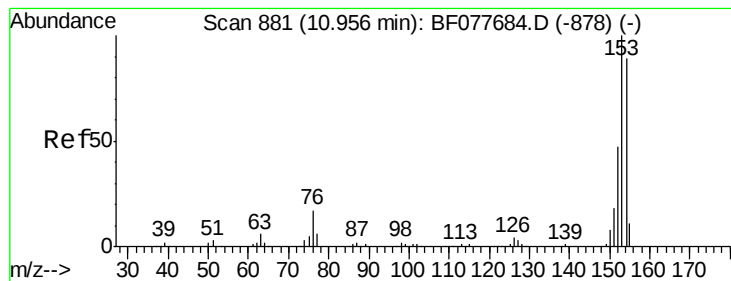
Tgt Ion:163 Resp: 355875
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.0 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 36.09 ng
RT: 10.67 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF077758.D
Acq: 16 Mar 2015 17:45

Tgt Ion:165 Resp: 67573
Ion Ratio Lower Upper
165 100
63 55.1 44.1 66.1
89 57.1 44.3 66.5





#51

Acenaphthene

Concen: 32.93 ng

RT: 10.96 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF077758.D

Acq: 16 Mar 2015 17:45

Instrument :

BNA_F

ClientSampleId :

WCMSD

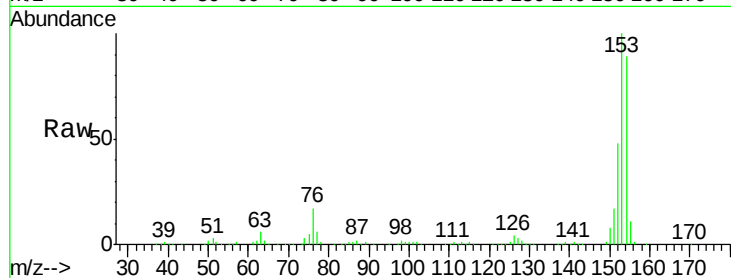
Tgt Ion:154 Resp: 248342

Ion Ratio Lower Upper

154 100

153 111.9 90.0 135.0

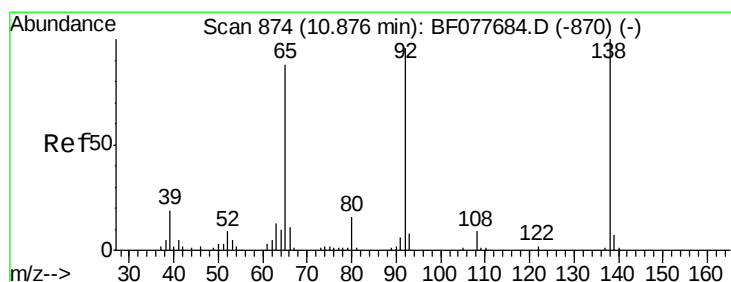
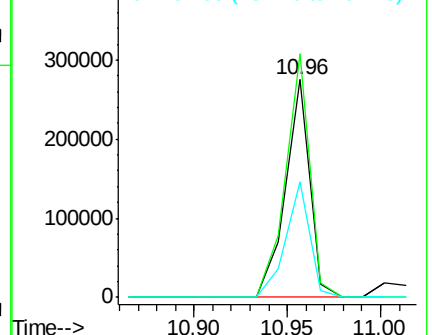
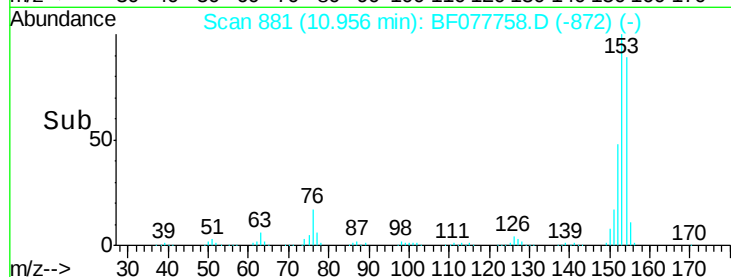
152 53.2 42.6 63.8



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



#52

3-Nitroaniline

Concen: 15.60 ng

RT: 10.88 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF077758.D

Acq: 16 Mar 2015 17:45

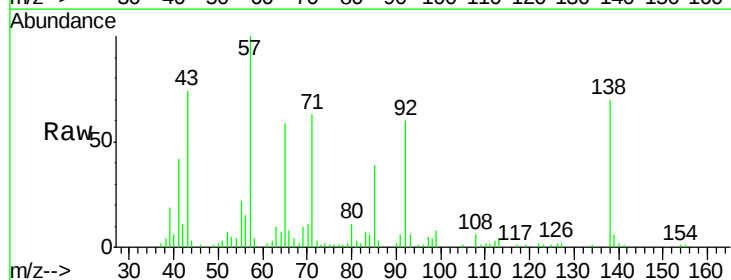
Tgt Ion:138 Resp: 33920

Ion Ratio Lower Upper

138 100

108 8.8 7.3 10.9

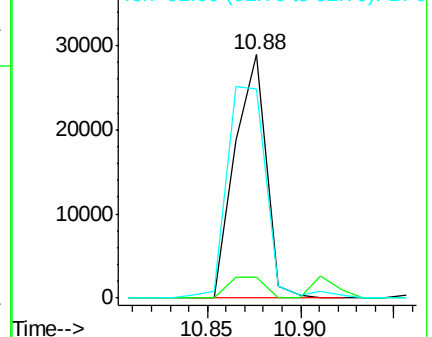
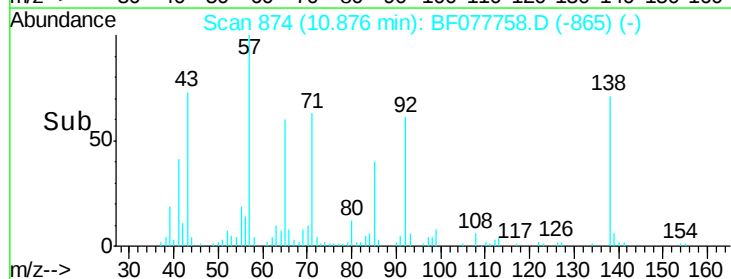
92 85.8 76.6 114.8

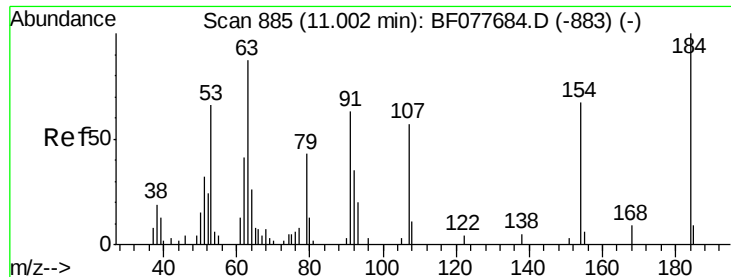


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

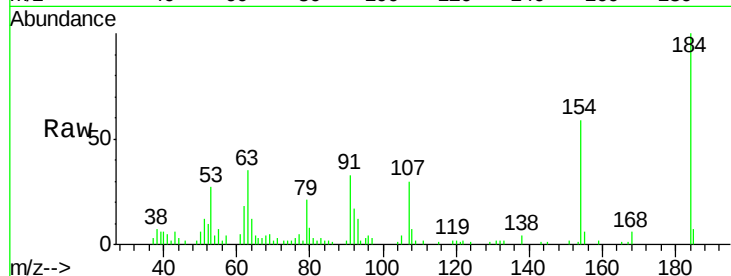




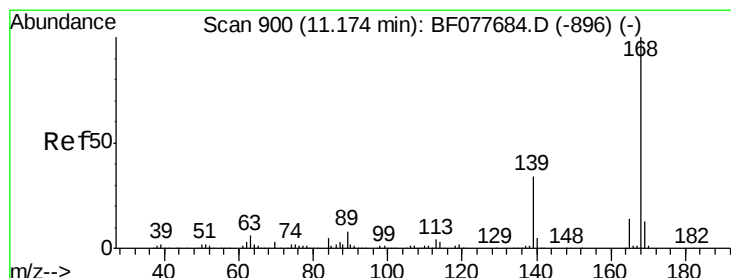
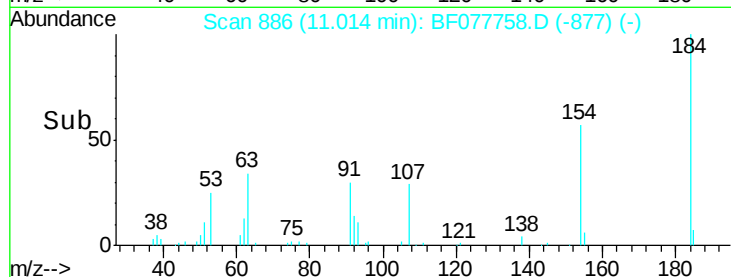
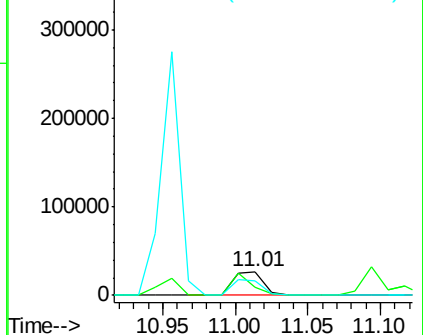
#53
2,4-Dinitrophenol
Concen: 59.46 ng
RT: 11.01 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF077758.D
Acq: 16 Mar 2015 17:45

Instrument :
BNA_F
ClientSampleId :
WCMSD

Tgt Ion:184 Resp: 39315
Ion Ratio Lower Upper
184 100
63 35.4 69.2 103.8#
154 58.8 53.3 79.9

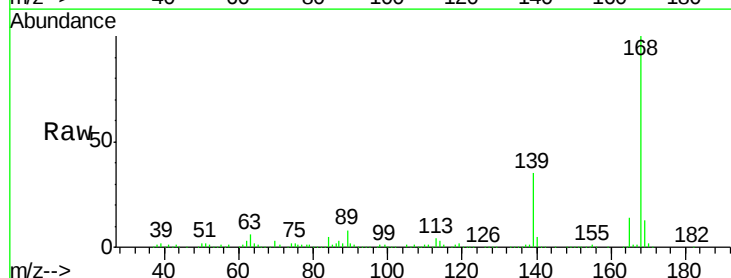


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

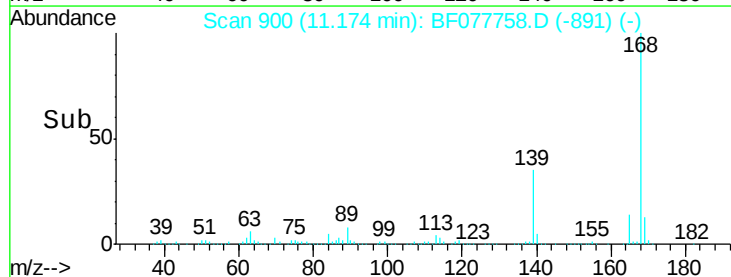
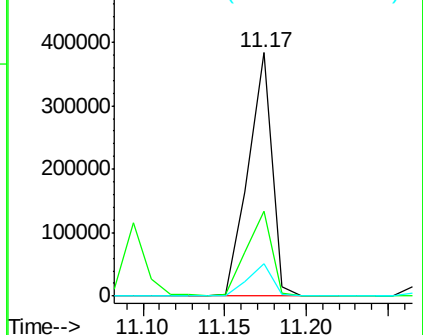


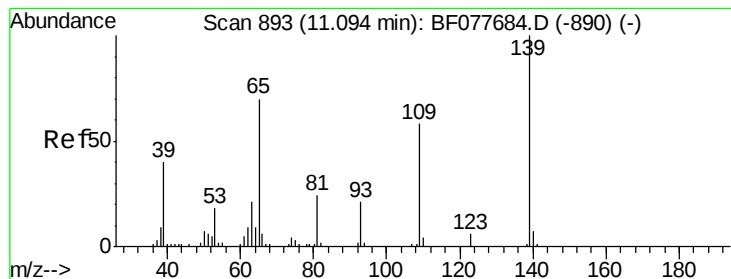
#54
Dibenzofuran
Concen: 34.71 ng
RT: 11.17 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF077758.D
Acq: 16 Mar 2015 17:45

Tgt Ion:168 Resp: 388325
Ion Ratio Lower Upper
168 100
139 34.6 27.3 40.9
169 13.2 10.6 16.0



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: 68.30 ng

RT: 11.09 min Scan# 893

Delta R.T. 0.00 min

Lab File: BF077758.D

Acq: 16 Mar 2015 17:45

Instrument :

BNA_F

ClientSampleId :

WCMSD

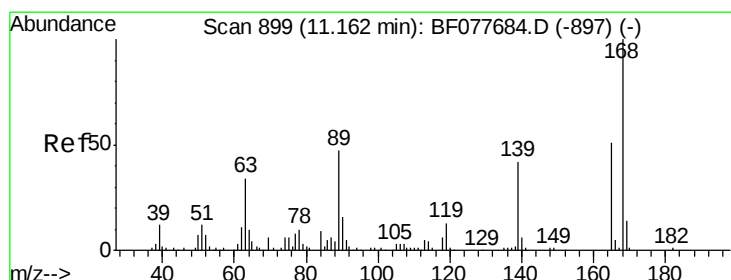
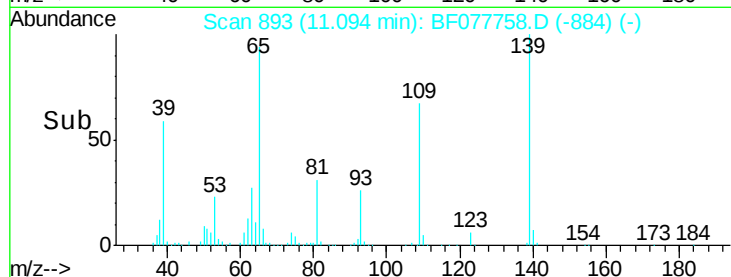
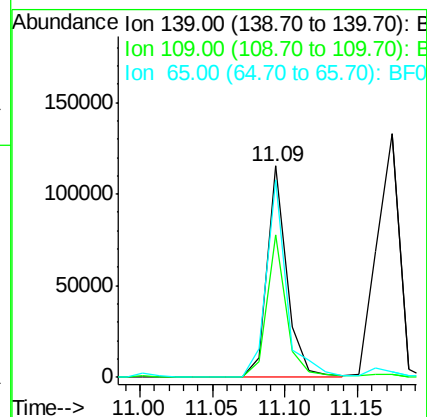
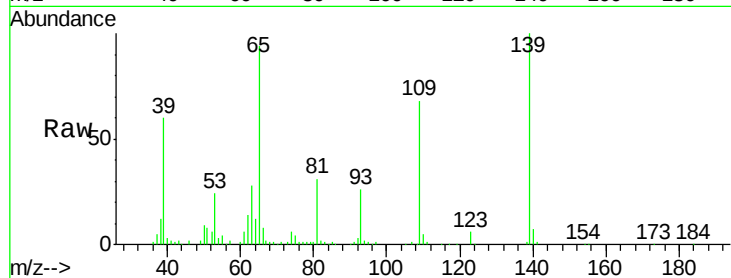
Tgt Ion:139 Resp: 109999

Ion Ratio Lower Upper

139 100

109 67.7 37.7 77.7

65 93.7 49.9 89.9#



#56

2,4-Dinitrotoluene

Concen: 36.87 ng

RT: 11.16 min Scan# 899

Delta R.T. 0.00 min

Lab File: BF077758.D

Acq: 16 Mar 2015 17:45

Tgt Ion:165 Resp: 90018

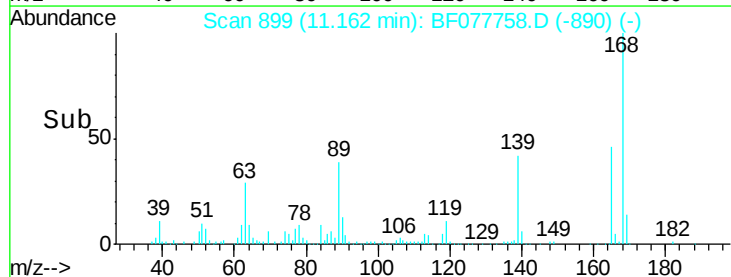
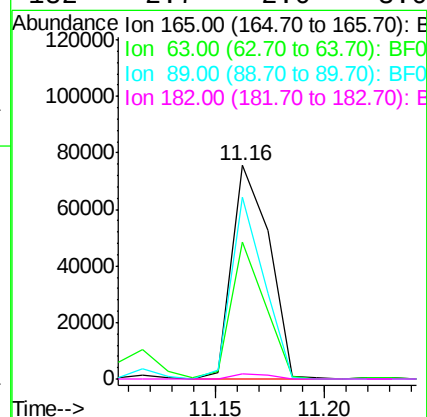
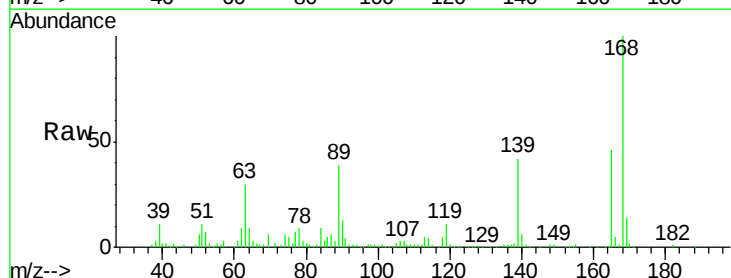
Ion Ratio Lower Upper

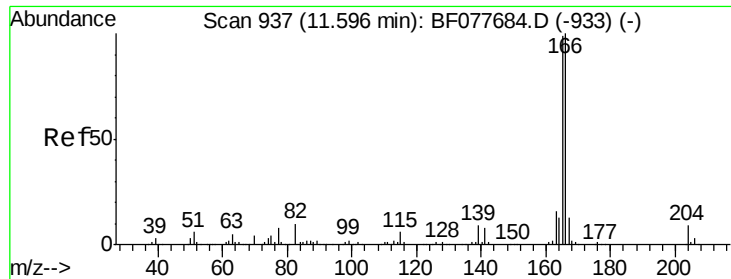
165 100

63 64.2 52.4 78.6

89 85.3 72.4 108.6

182 2.7 2.0 3.0

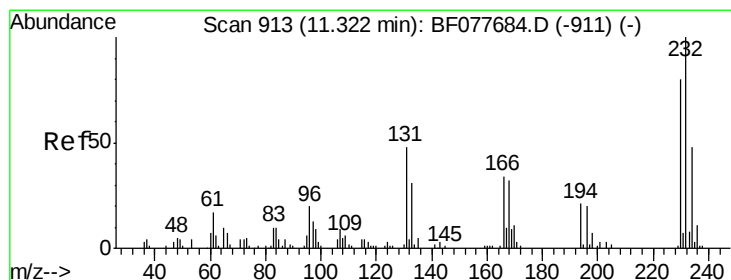
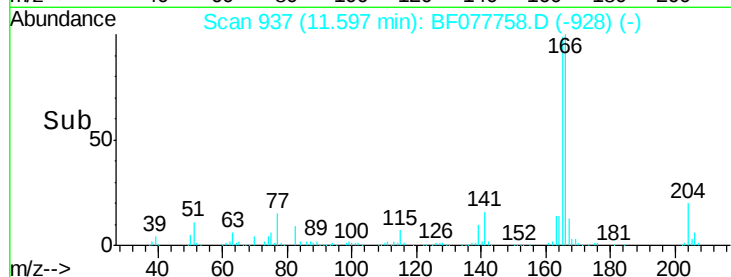
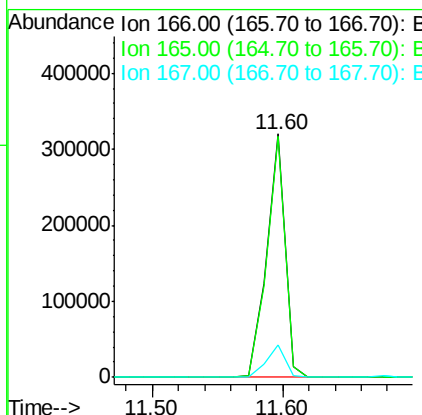
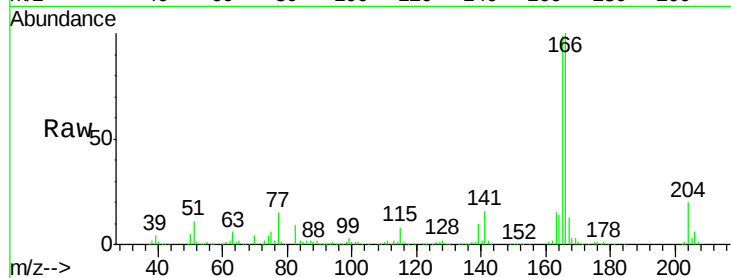




#57
 Fluorene
 Concen: 34.03 ng
 RT: 11.60 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF077758.D
 Acq: 16 Mar 2015 17:45

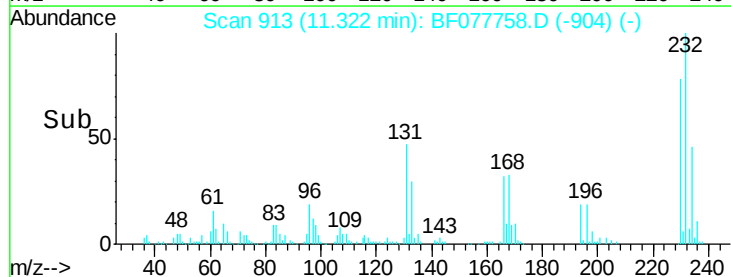
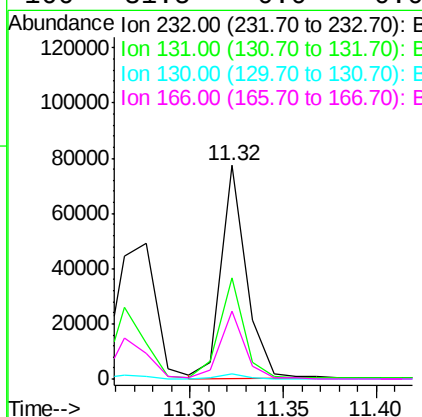
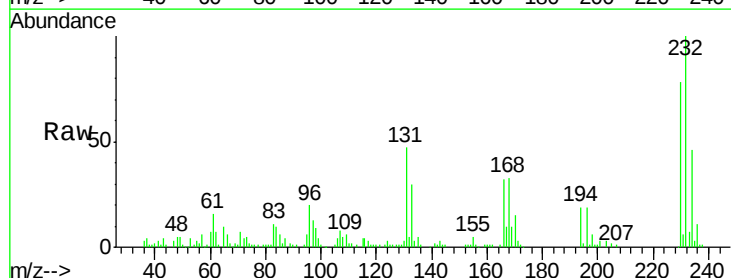
Instrument :
 BNA_F
 ClientSampleId :
 WCMSD

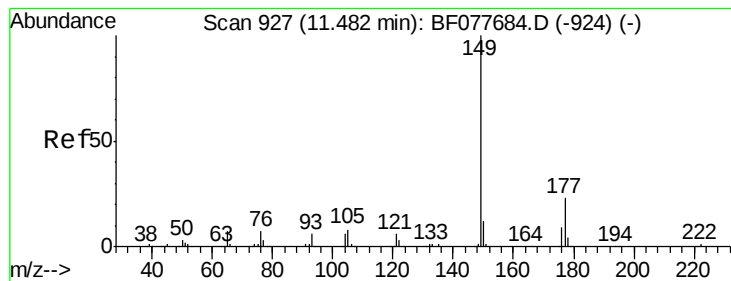
Tgt Ion:166 Resp: 316105
 Ion Ratio Lower Upper
 166 100
 165 99.0 79.0 118.4
 167 13.4 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.80 ng
 RT: 11.32 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF077758.D
 Acq: 16 Mar 2015 17:45

Tgt Ion:232 Resp: 72826
 Ion Ratio Lower Upper
 232 100
 131 46.6 0.0 0.0#
 130 2.5 0.0 0.0#
 166 31.5 0.0 0.0#





#59

Diethylphthalate

Concen: 35.40 ng

RT: 11.48 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF077758.D

Acq: 16 Mar 2015 17:45

Instrument :

BNA_F

ClientSampleId :

WCMSD

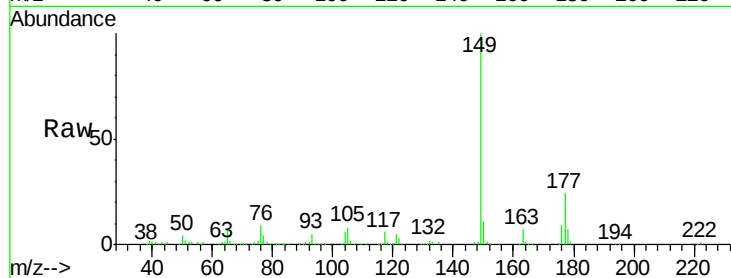
Tgt Ion:149 Resp: 311523

Ion Ratio Lower Upper

149 100

177 23.5 18.3 27.5

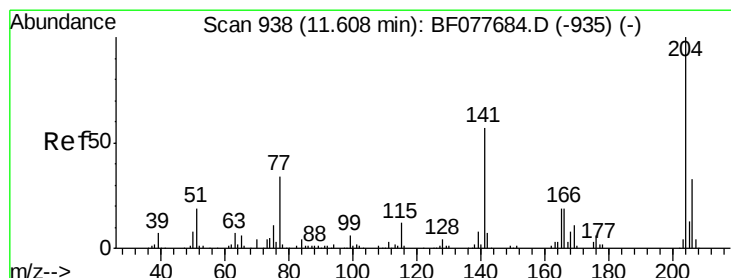
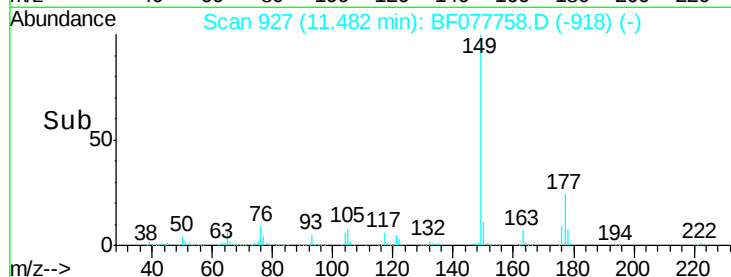
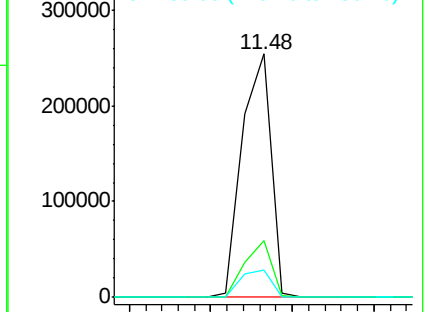
150 11.3 9.8 14.8



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



#60

4-Chlorophenyl-phenylether

Concen: 32.84 ng

RT: 11.61 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF077758.D

Acq: 16 Mar 2015 17:45

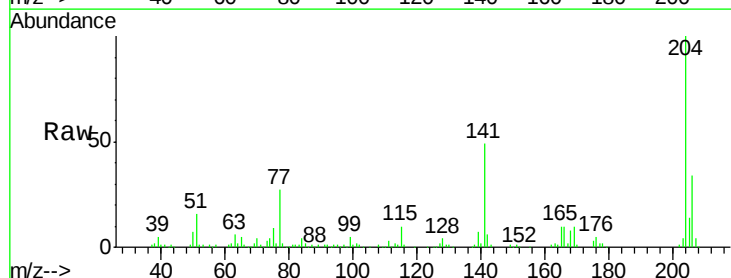
Tgt Ion:204 Resp: 139196

Ion Ratio Lower Upper

204 100

206 34.0 26.6 39.8

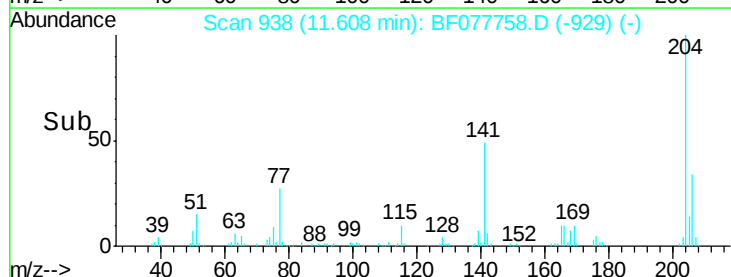
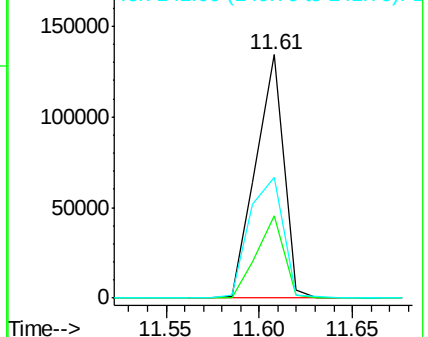
141 49.4 45.2 67.8

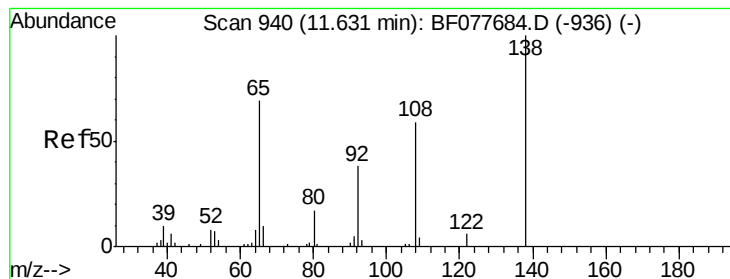


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 31.72 ng

RT: 11.63 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF077758.D

Acq: 16 Mar 2015 17:45

Instrument :

BNA_F

ClientSampleId :

WCMSD

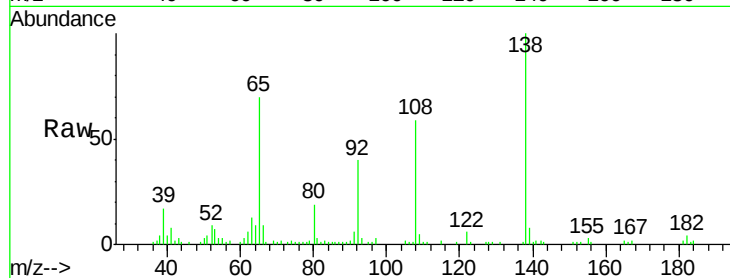
Tgt Ion:138 Resp: 68736

Ion Ratio Lower Upper

138 100

92 39.5 16.7 56.7

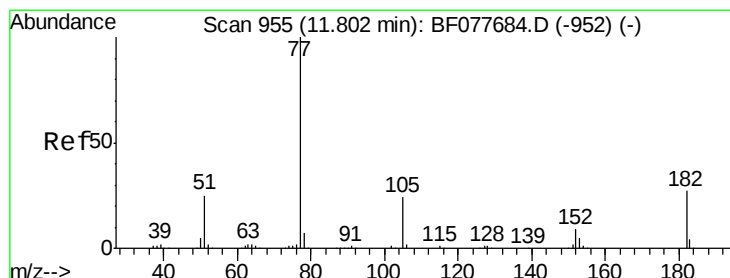
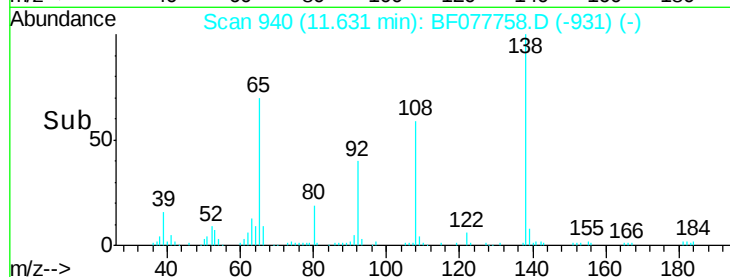
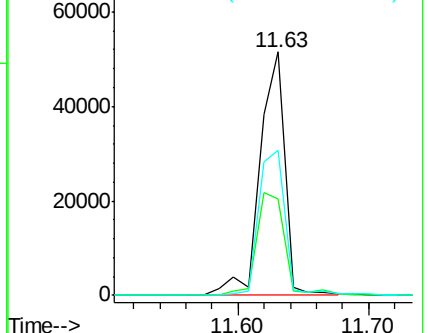
108 59.4 37.6 77.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 34.45 ng

RT: 11.80 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF077758.D

Acq: 16 Mar 2015 17:45

Tgt Ion: 77 Resp: 289729

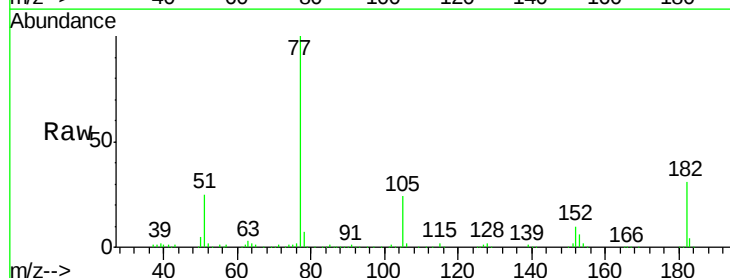
Ion Ratio Lower Upper

77 100

182 30.9 6.5 46.5

105 24.3 3.8 43.8

51 24.7 5.5 45.5

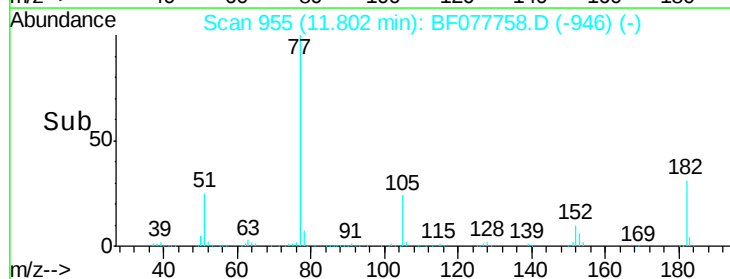
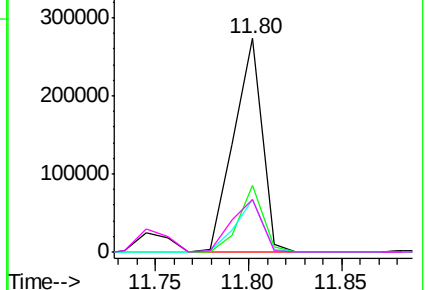


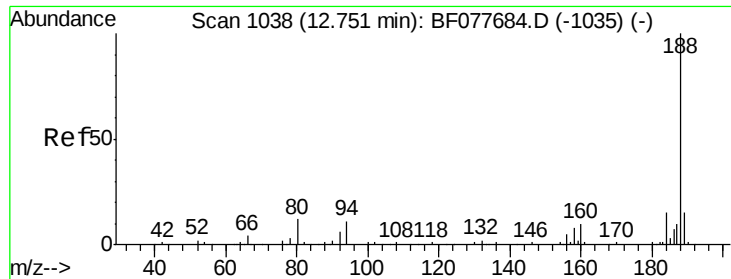
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

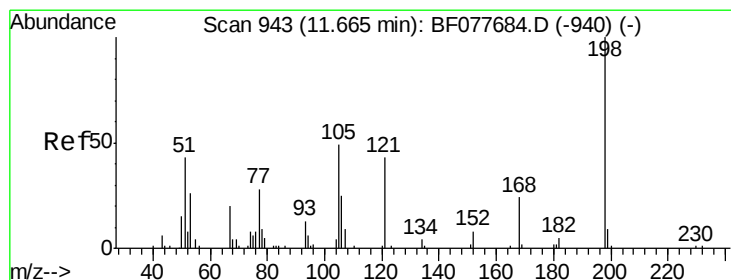
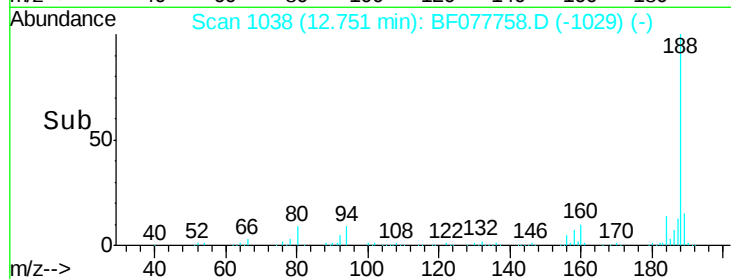
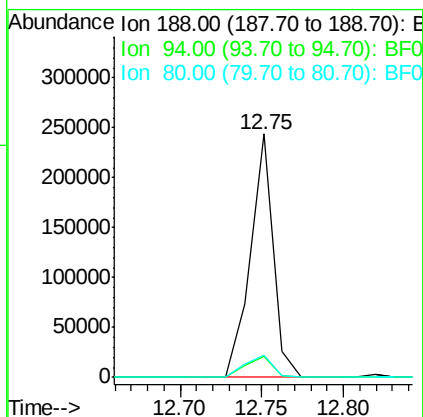
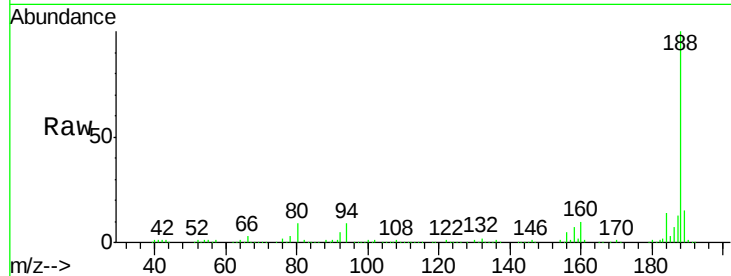




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.75 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF077758.D
 Acq: 16 Mar 2015 17:45

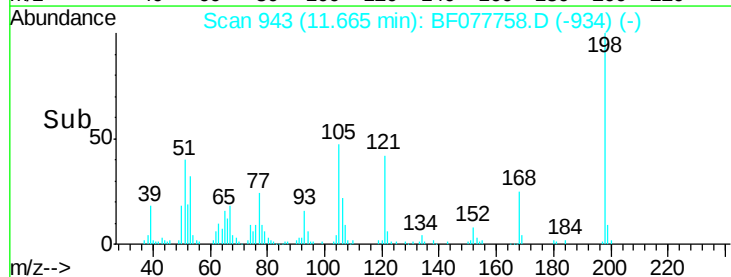
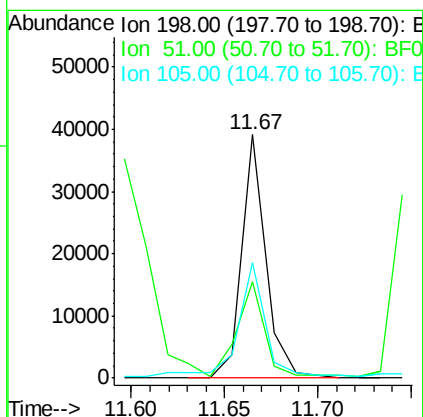
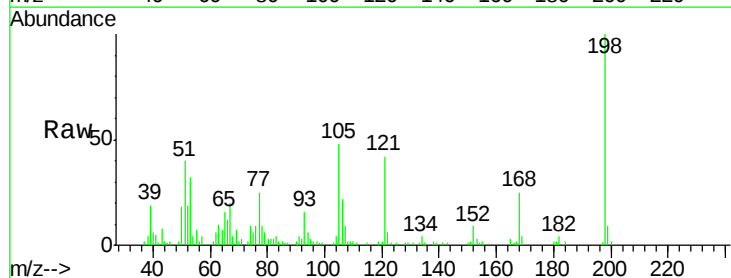
Instrument :
 BNA_F
 ClientSampleId :
 WCMSD

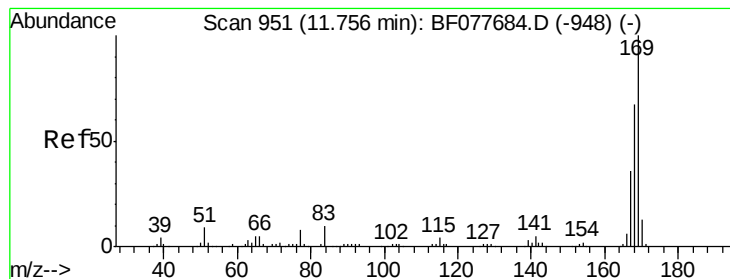
Tgt Ion:188 Resp: 236717
 Ion Ratio Lower Upper
 188 100
 94 8.6 8.7 13.1#
 80 9.2 9.3 13.9#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 33.03 ng
 RT: 11.67 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF077758.D
 Acq: 16 Mar 2015 17:45

Tgt Ion:198 Resp: 35270
 Ion Ratio Lower Upper
 198 100
 51 39.6 28.8 68.8
 105 47.5 30.5 70.5





#65

n-Nitrosodiphenylamine

Concen: 34.43 ng

RT: 11.76 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF077758.D

Acq: 16 Mar 2015 17:45

Instrument :

BNA_F

ClientSampleId :

WCMSD

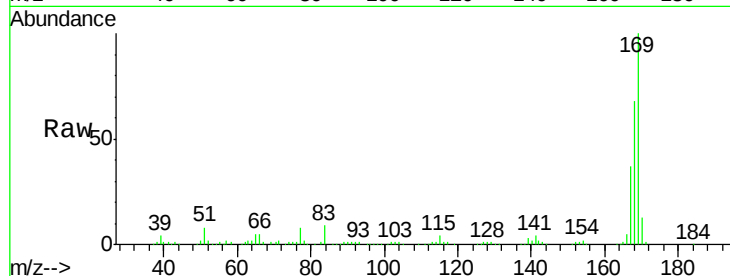
Tgt Ion:169 Resp: 271357

Ion Ratio Lower Upper

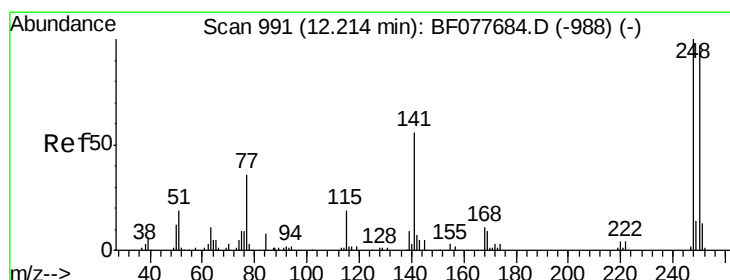
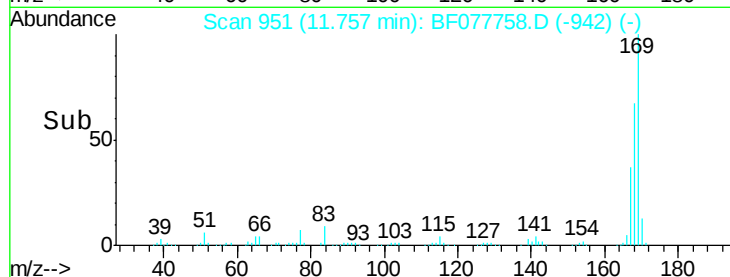
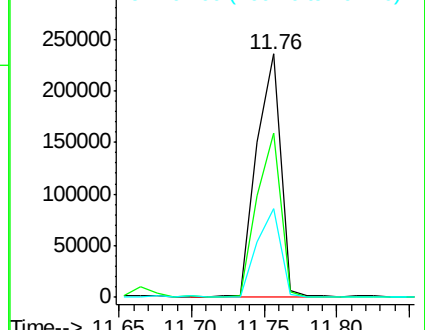
169 100

168 67.7 53.9 80.9

167 36.6 28.9 43.3



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: 33.53 ng

RT: 12.20 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF077758.D

Acq: 16 Mar 2015 17:45

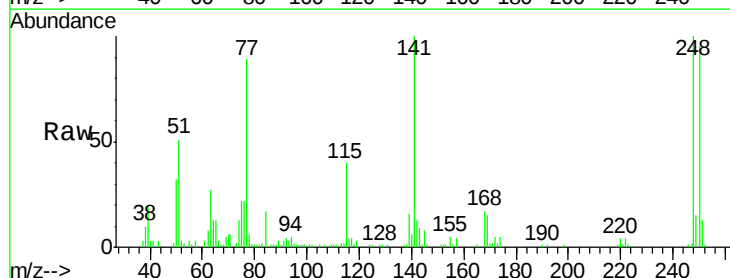
Tgt Ion:248 Resp: 84707

Ion Ratio Lower Upper

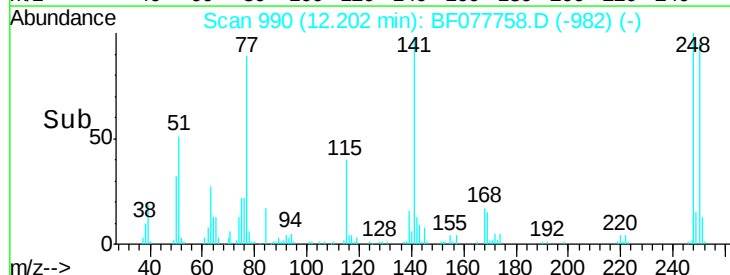
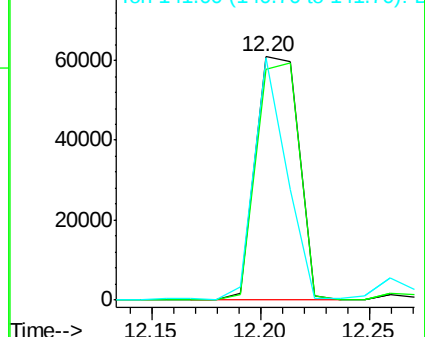
248 100

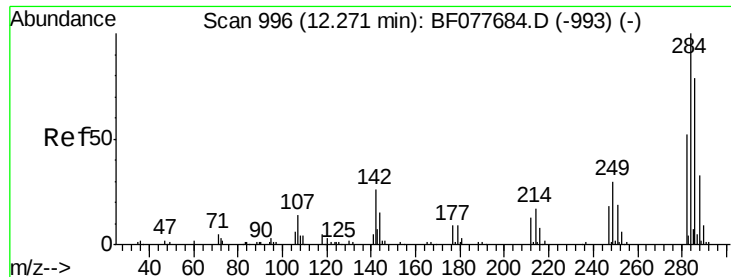
250 95.0 77.4 116.0

141 99.6 45.2 67.8#



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

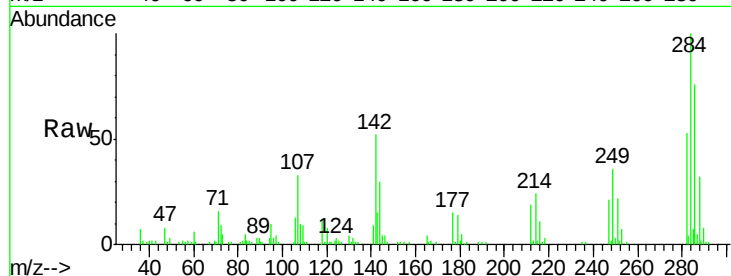




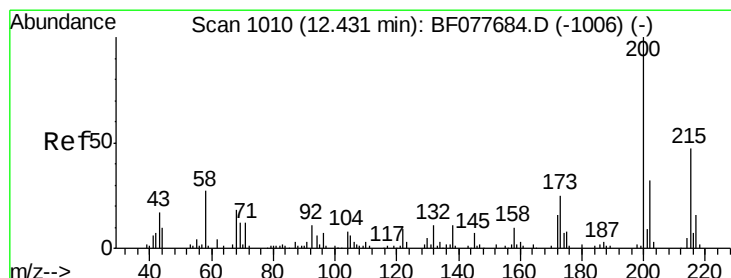
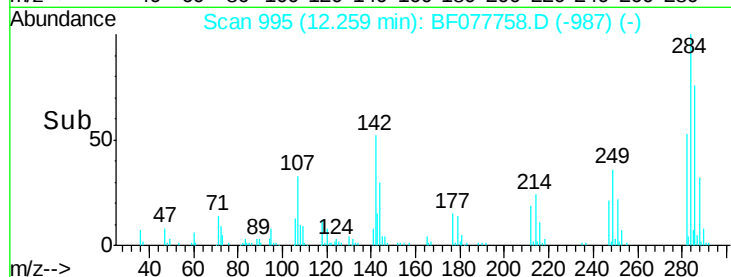
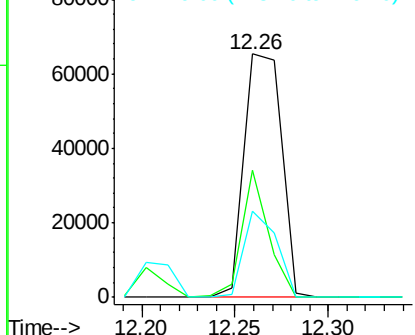
#67
Hexachlorobenzene
Concen: 32.74 ng
RT: 12.26 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF077758.D
Acq: 16 Mar 2015 17:45

Instrument :
BNA_F
ClientSampleId :
WCMSD

Tgt Ion: 284 Resp: 90875
Ion Ratio Lower Upper
284 100
142 52.4 20.4 30.6#
249 35.6 23.8 35.6

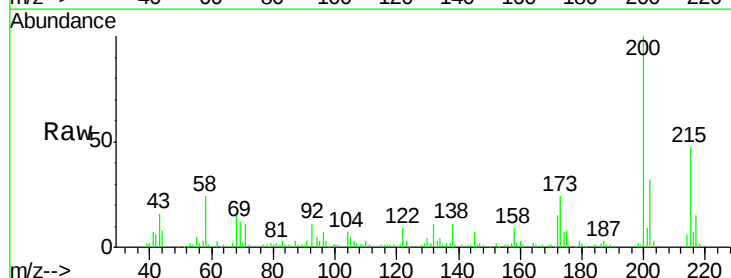


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

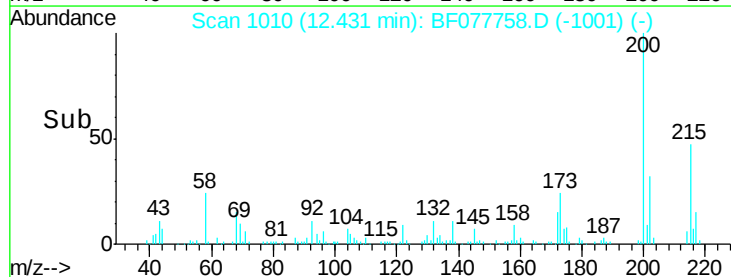
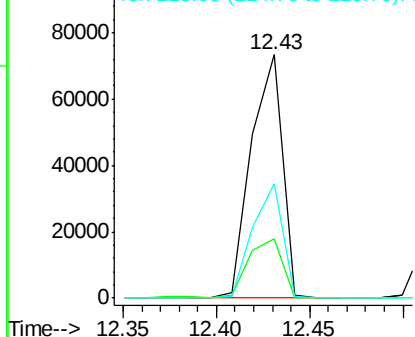


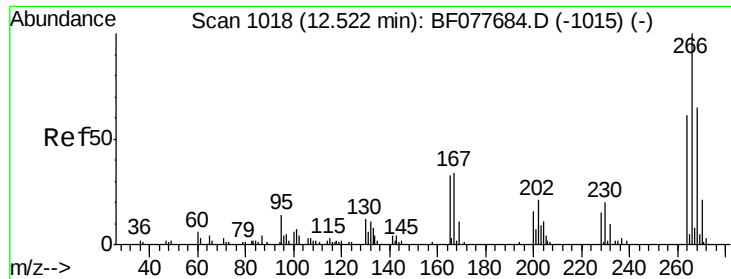
#68
Atrazine
Concen: 39.00 ng
RT: 12.43 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF077758.D
Acq: 16 Mar 2015 17:45

Tgt Ion: 200 Resp: 86153
Ion Ratio Lower Upper
200 100
173 24.2 4.8 44.8
215 47.0 26.9 66.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

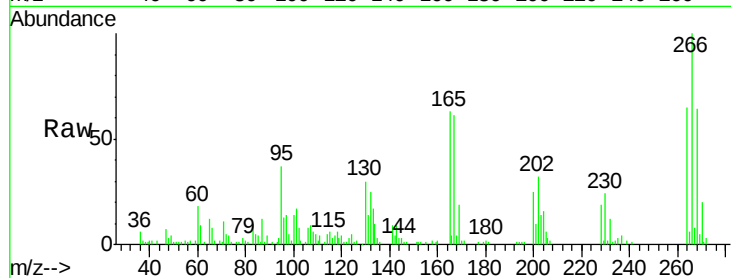




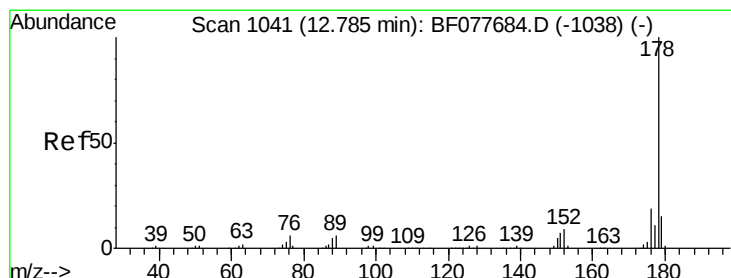
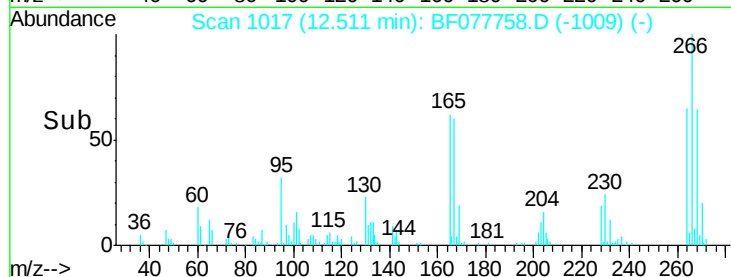
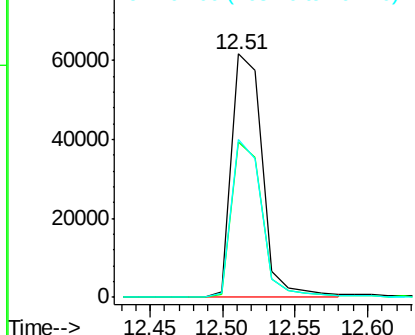
#69
 Pentachlorophenol
 Concen: 63.48 ng
 RT: 12.51 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF077758.D
 Acq: 16 Mar 2015 17:45

Instrument :
 BNA_F
 ClientSampleId :
 WCMSD

Tgt Ion:266 Resp: 91322
 Ion Ratio Lower Upper
 266 100
 268 63.7 52.0 78.0
 264 64.7 49.0 73.4

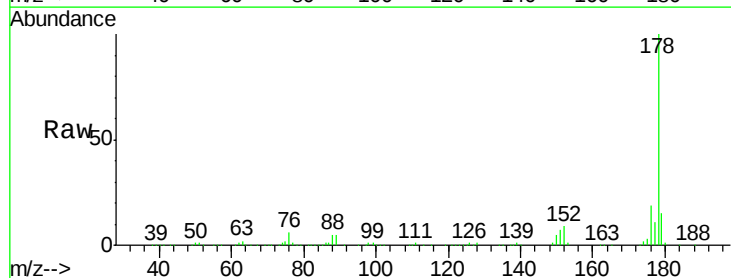


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

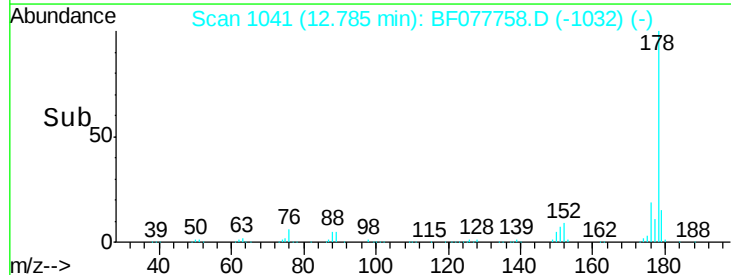
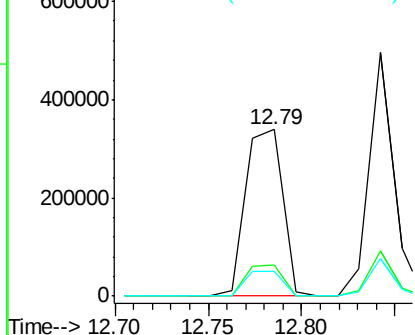


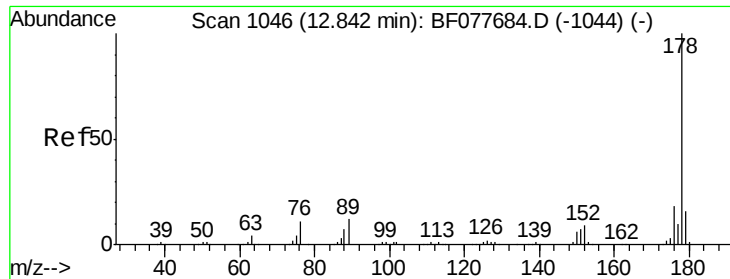
#70
 Phenanthrene
 Concen: 34.31 ng
 RT: 12.79 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF077758.D
 Acq: 16 Mar 2015 17:45

Tgt Ion:178 Resp: 466240
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.2 22.8
 179 15.0 12.1 18.1



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

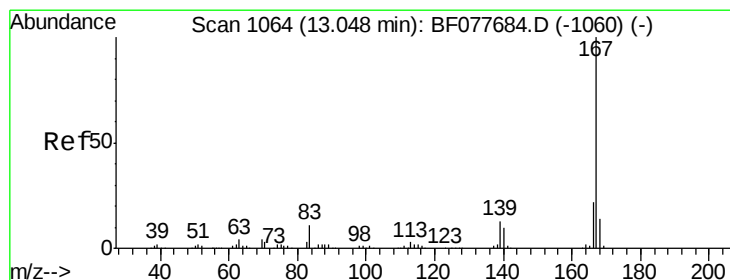
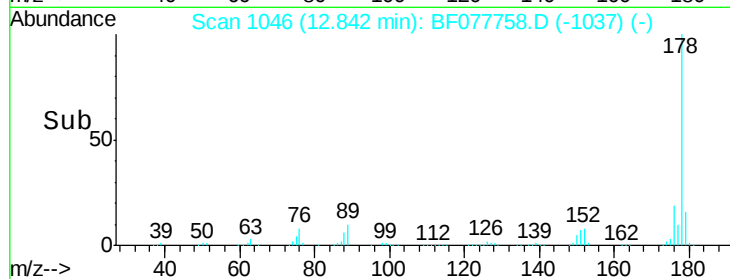
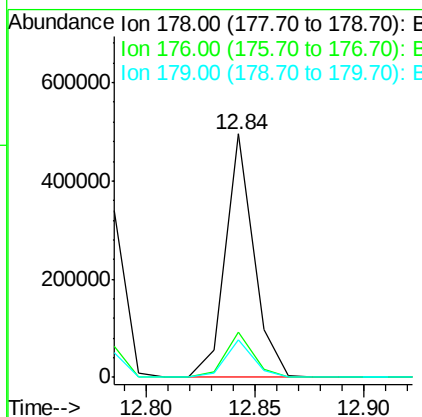
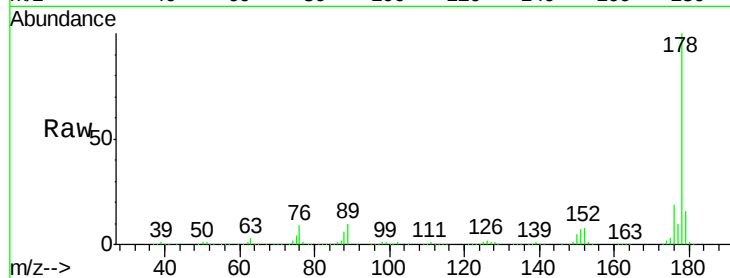




#71
 Anthracene
 Concen: 33.14 ng
 RT: 12.84 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF077758.D
 Acq: 16 Mar 2015 17:45

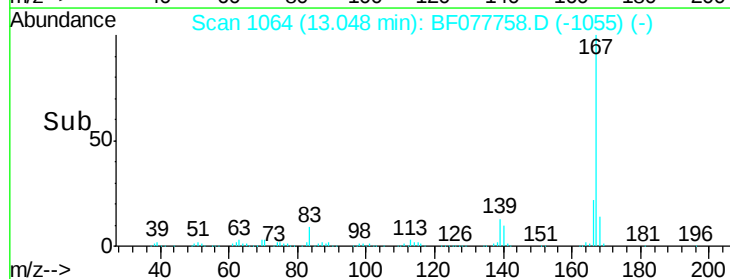
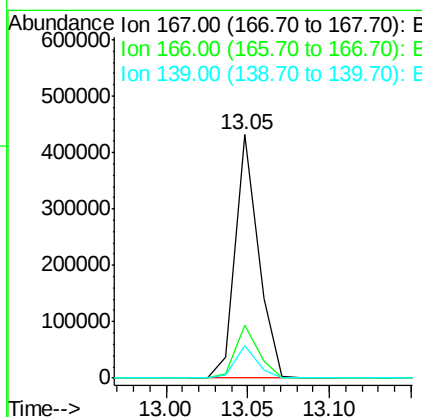
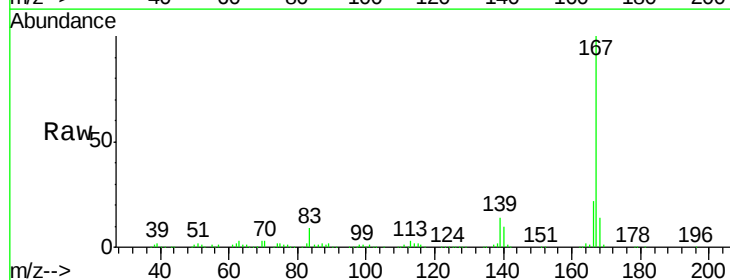
Instrument :
 BNA_F
 ClientSampleId :
 WCMSD

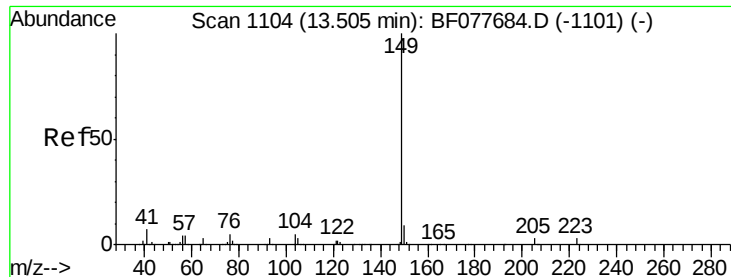
Tgt Ion:178 Resp: 444930
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.6 22.0
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 33.13 ng
 RT: 13.05 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF077758.D
 Acq: 16 Mar 2015 17:45

Tgt Ion:167 Resp: 423141
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 13.5 10.8 16.2

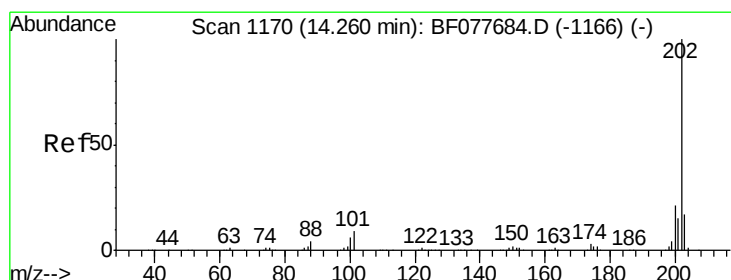
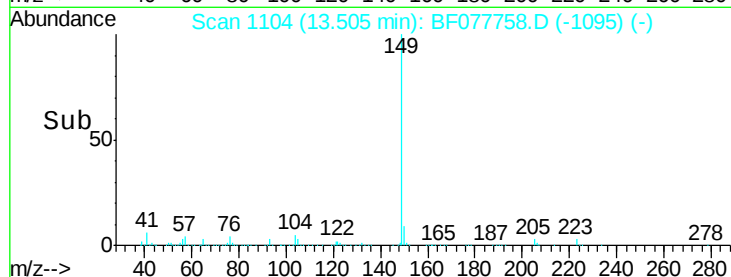
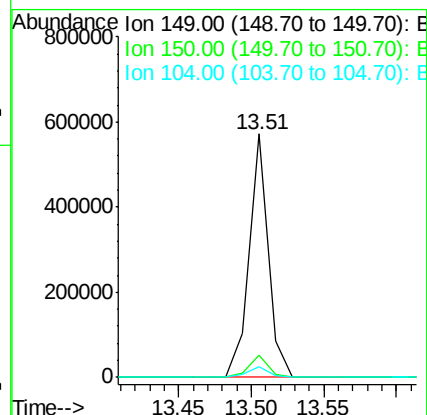
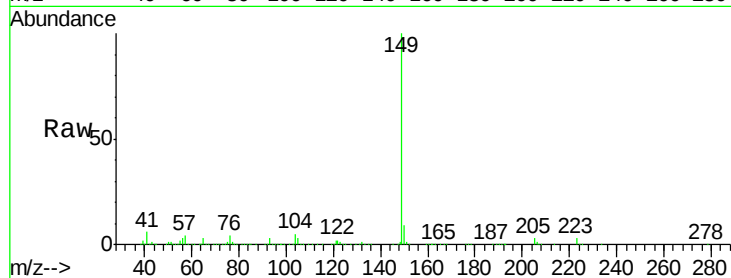




#73
Di-n-butylphthalate
Concen: 36.56 ng
RT: 13.51 min Scan# 1104
Delta R.T. 0.00 min
Lab File: BF077758.D
Acq: 16 Mar 2015 17:45

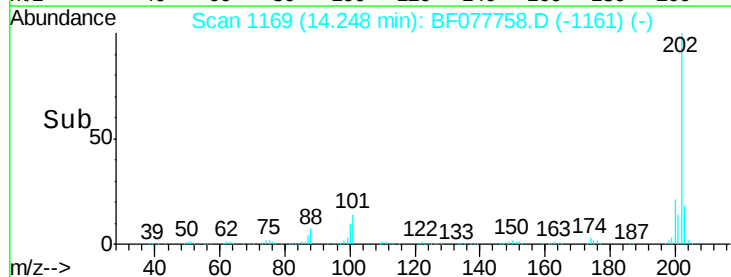
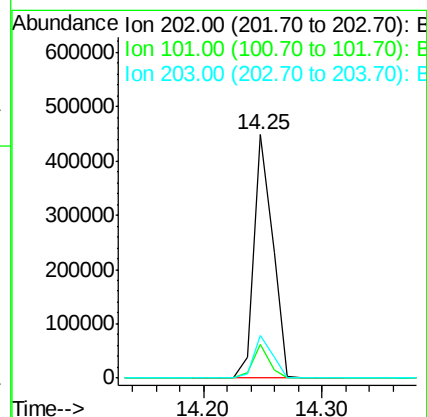
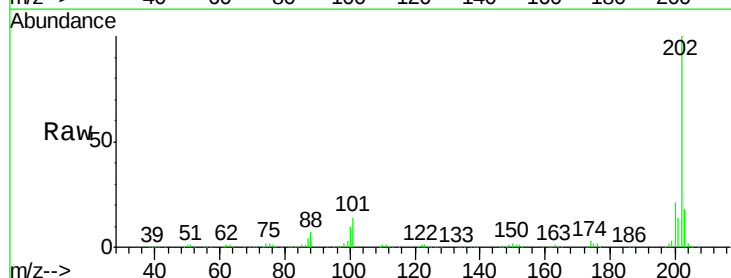
Instrument :
BNA_F
ClientSampleId :
WCMSD

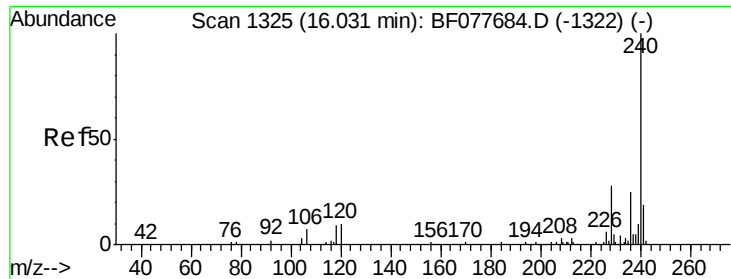
Tgt Ion:149 Resp: 523528
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 4.5 3.7 5.5



#74
Fluoranthene
Concen: 33.30 ng
RT: 14.25 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF077758.D
Acq: 16 Mar 2015 17:45

Tgt Ion:202 Resp: 499191
Ion Ratio Lower Upper
202 100
101 13.8 0.0 28.7
203 17.7 0.0 37.2

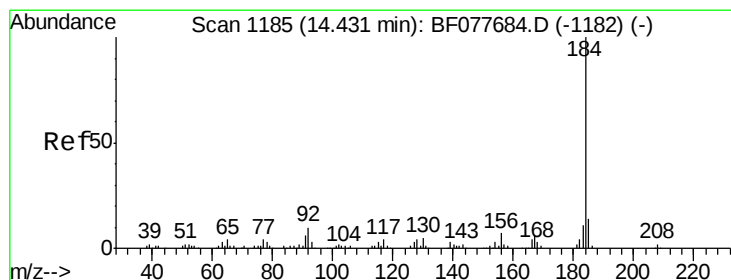
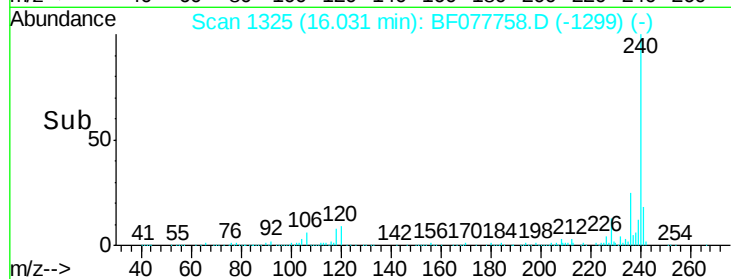
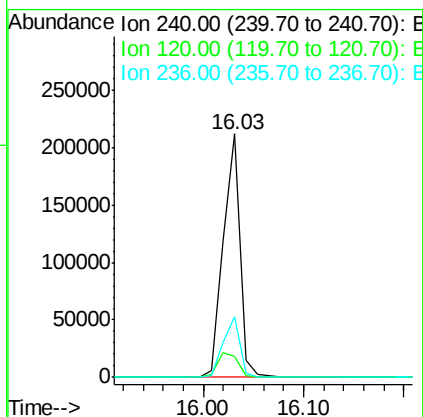
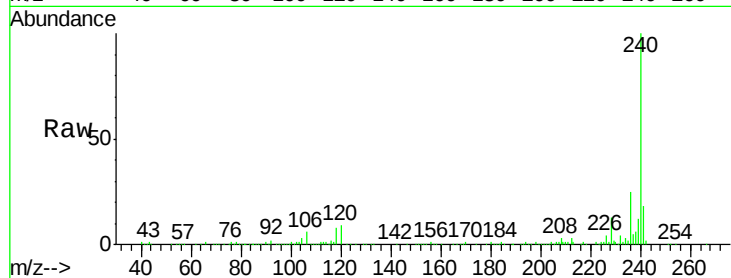




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF077758.D
Acq: 16 Mar 2015 17:45

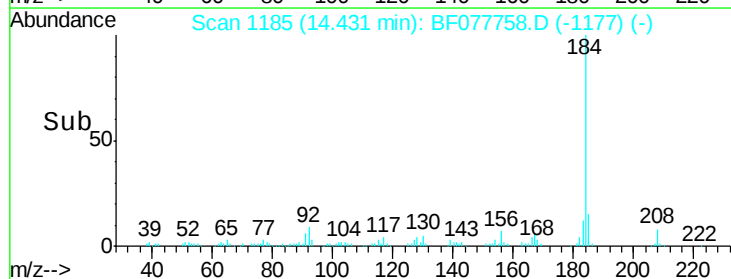
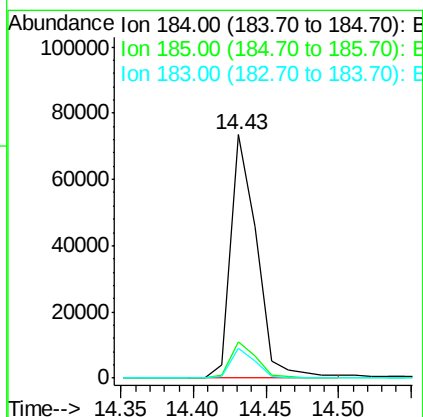
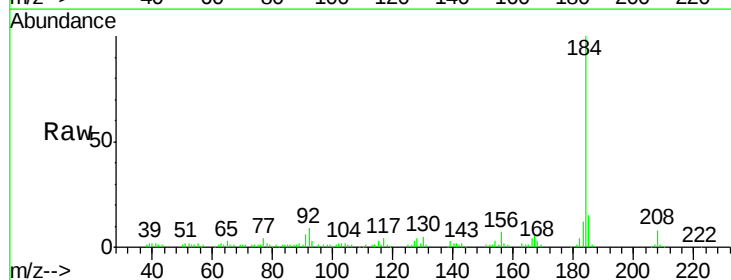
Instrument :
BNA_F
ClientSampleId :
WCMSD

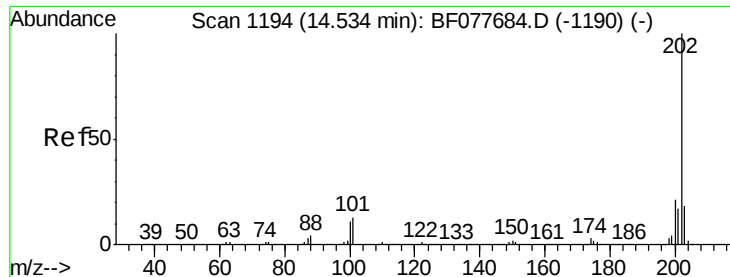
Tgt Ion:240 Resp: 244233
Ion Ratio Lower Upper
240 100
120 8.5 8.2 12.2
236 24.8 20.0 30.0



#76
Benzidine
Concen: 14.91 ng
RT: 14.43 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF077758.D
Acq: 16 Mar 2015 17:45

Tgt Ion:184 Resp: 91918
Ion Ratio Lower Upper
184 100
185 14.9 11.3 16.9
183 12.0 8.9 13.3

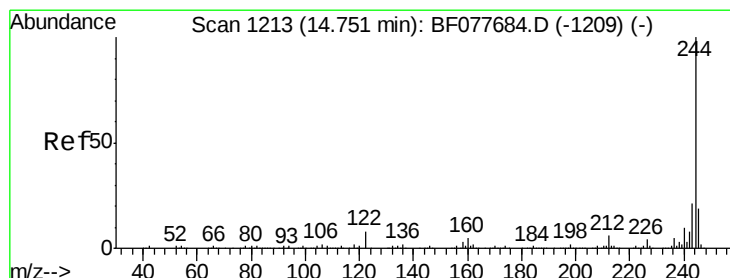
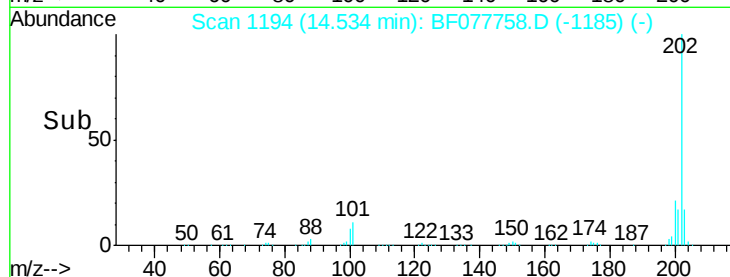
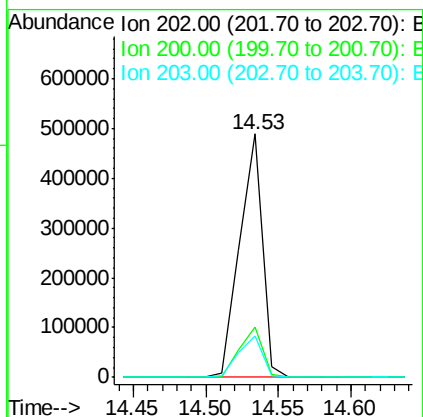
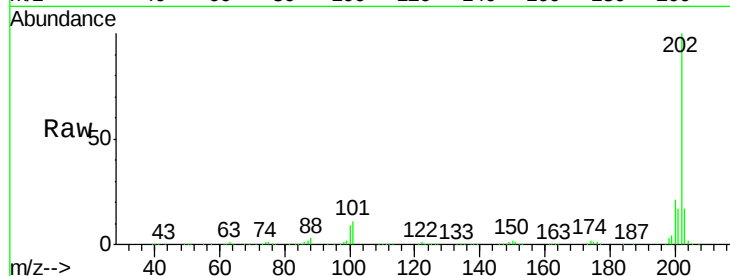




#77
 Pyrene
 Concen: 34.79 ng
 RT: 14.53 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF077758.D
 Acq: 16 Mar 2015 17:45

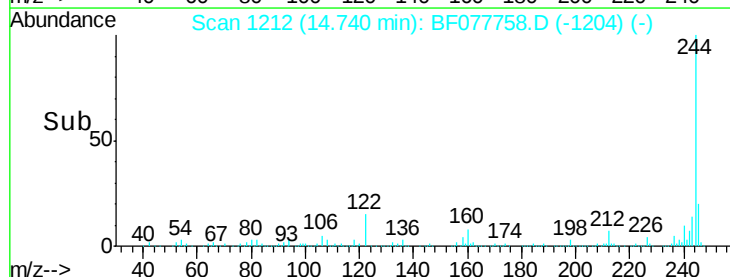
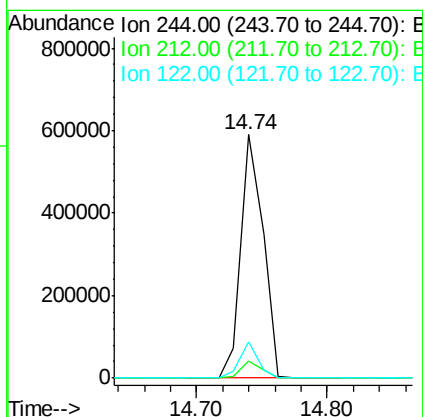
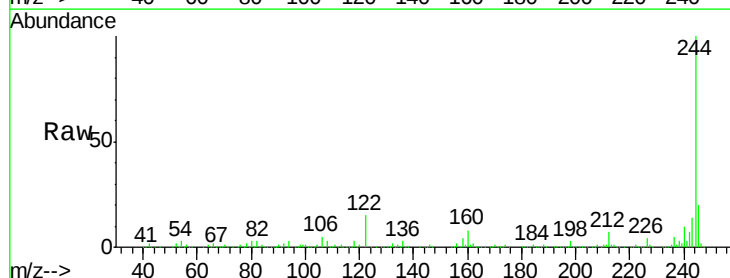
Instrument :
 BNA_F
 ClientSampleId :
 WCMSD

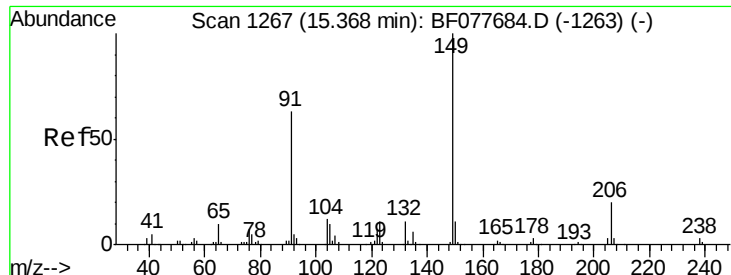
Tgt Ion: 202 Resp: 534244
 Ion Ratio Lower Upper
 202 100
 200 20.5 16.9 25.3
 203 17.2 14.1 21.1



#78
 Terphenyl-d14
 Concen: 70.04 ng
 RT: 14.74 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF077758.D
 Acq: 16 Mar 2015 17:45

Tgt Ion: 244 Resp: 700280
 Ion Ratio Lower Upper
 244 100
 212 7.2 4.9 7.3
 122 14.9 6.2 9.4#

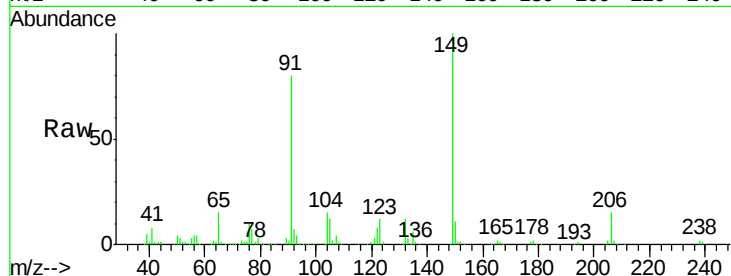




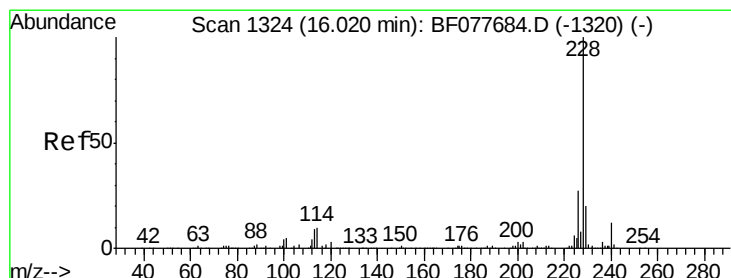
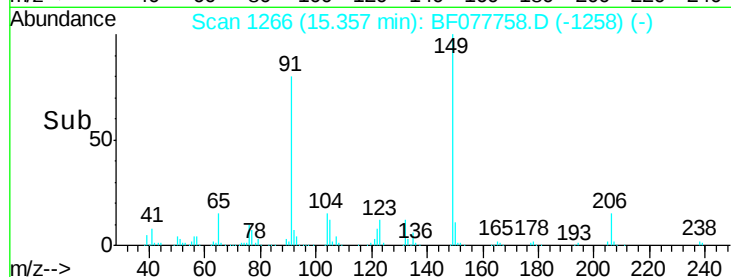
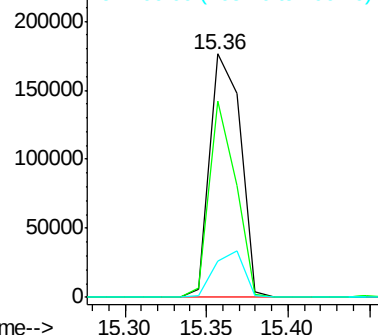
#79
Butylbenzylphthalate
Concen: 37.79 ng
RT: 15.36 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF077758.D
Acq: 16 Mar 2015 17:45

Instrument :
BNA_F
ClientSampleId :
WCMSD

Tgt Ion:149 Resp: 228823
Ion Ratio Lower Upper
149 100
91 80.4 50.1 75.1#
206 15.1 16.2 24.2#

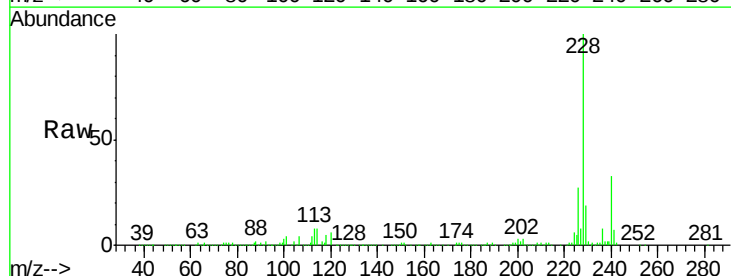


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

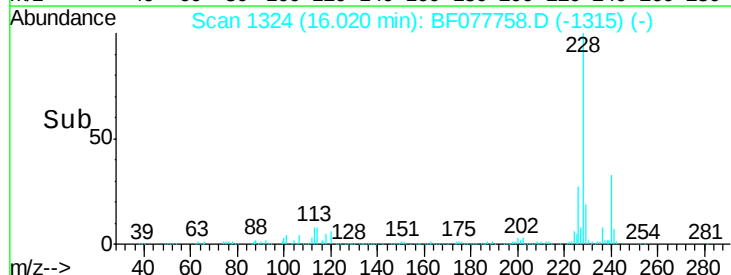
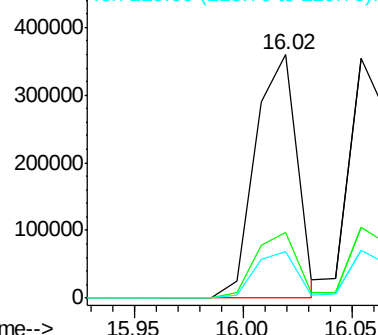


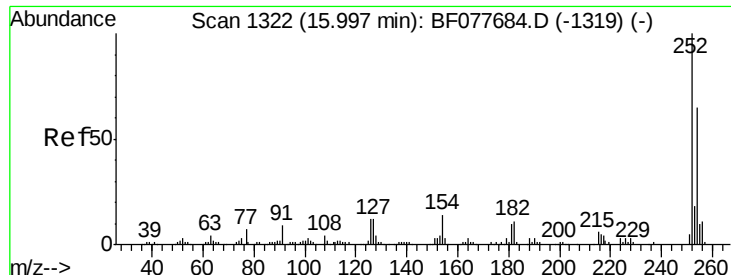
#80
Benzo(a)anthracene
Concen: 33.33 ng
RT: 16.02 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF077758.D
Acq: 16 Mar 2015 17:45

Tgt Ion:228 Resp: 482485
Ion Ratio Lower Upper
228 100
226 27.0 21.7 32.5
229 19.2 16.0 24.0



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

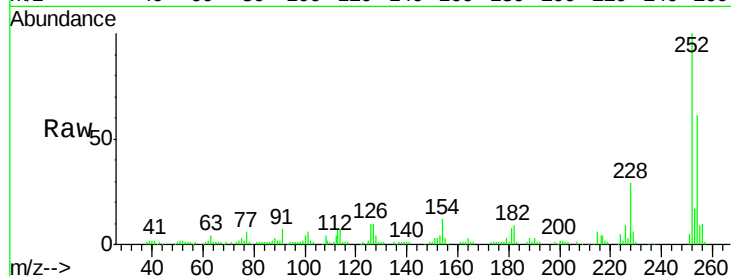




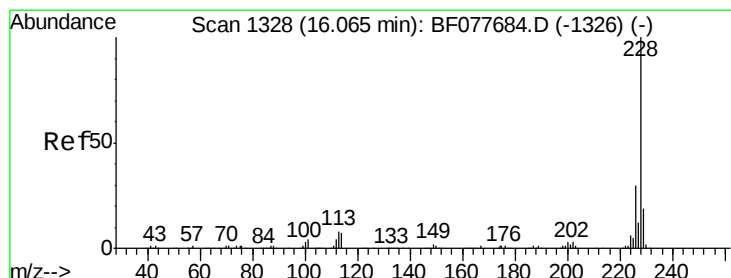
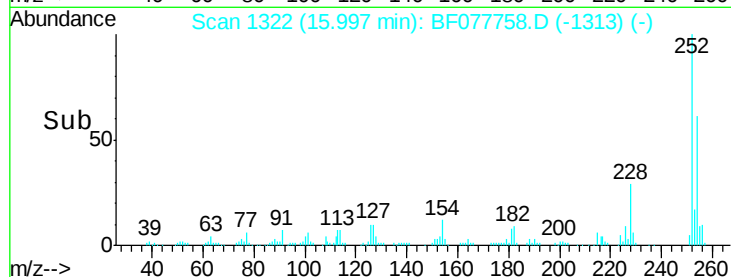
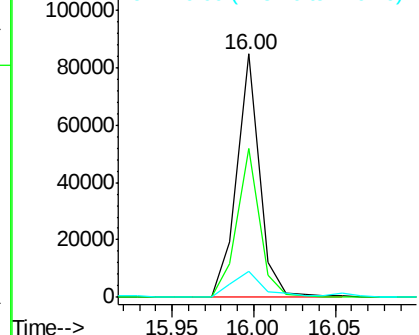
#81
 3,3'-Dichlorobenzidine
 Concen: 17.15 ng
 RT: 16.00 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF077758.D
 Acq: 16 Mar 2015 17:45

Instrument :
 BNA_F
 ClientSampleId :
 WCMSD

Tgt Ion:252 Resp: 81885
 Ion Ratio Lower Upper
 252 100
 254 61.2 51.9 77.9
 126 10.5 9.8 14.8

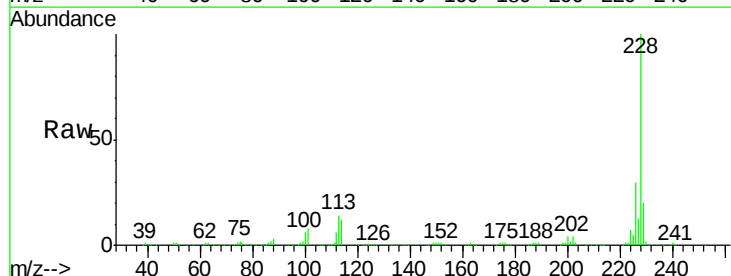


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

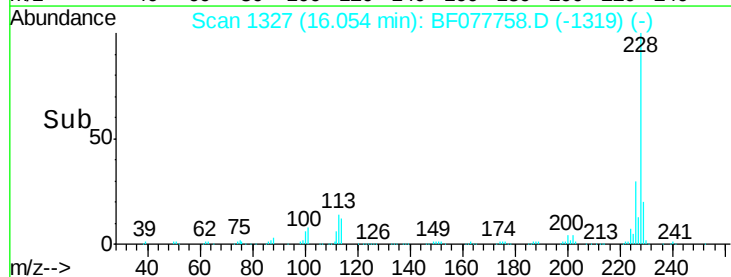
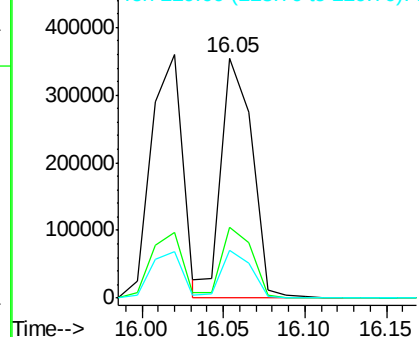


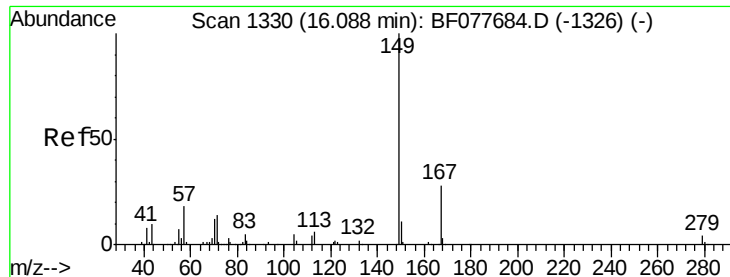
#82
 Chrysene
 Concen: 35.41 ng
 RT: 16.05 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF077758.D
 Acq: 16 Mar 2015 17:45

Tgt Ion:228 Resp: 460957
 Ion Ratio Lower Upper
 228 100
 226 29.6 24.1 36.1
 229 19.9 15.5 23.3



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

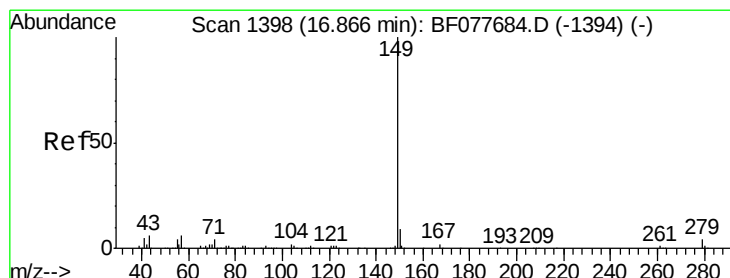
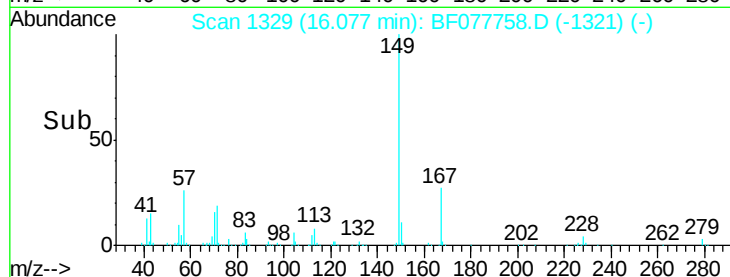
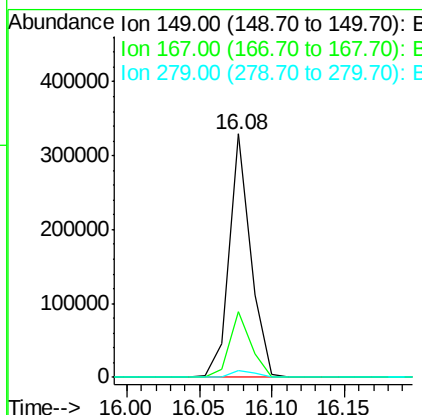
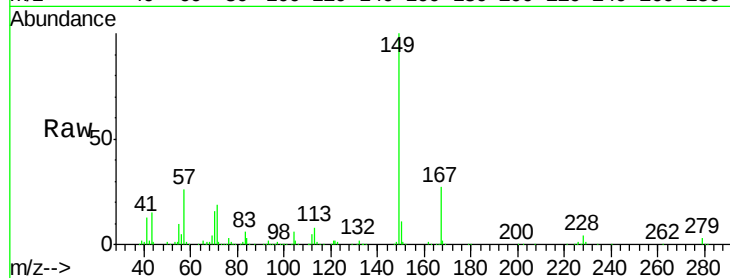




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.90 ng
 RT: 16.08 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF077758.D
 Acq: 16 Mar 2015 17:45

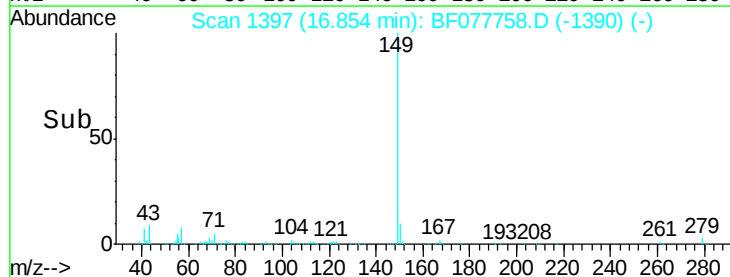
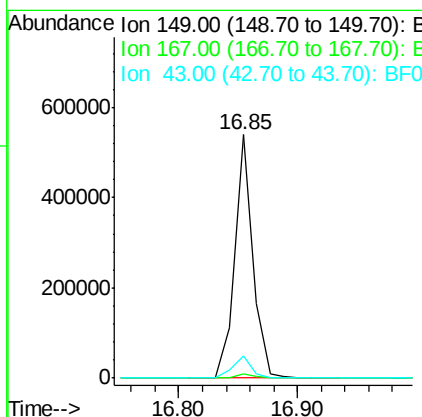
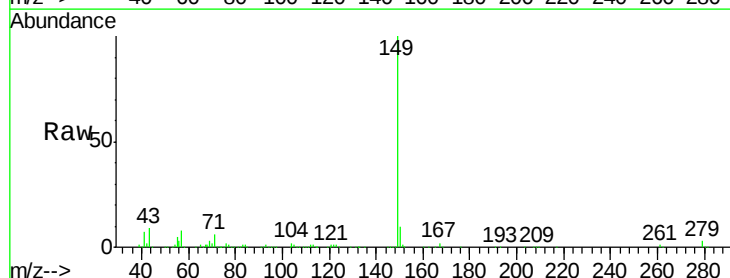
Instrument :
 BNA_F
 ClientSampleId :
 WCMSD

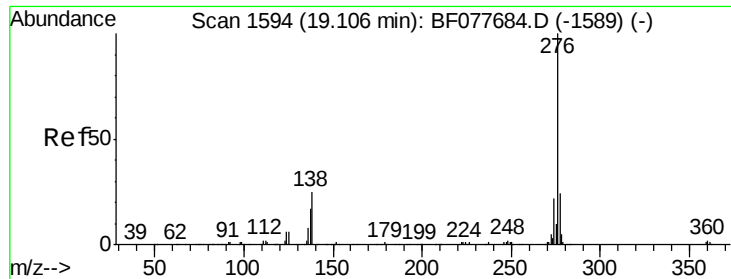
Tgt Ion:149 Resp: 338472
 Ion Ratio Lower Upper
 149 100
 167 26.8 22.4 33.6
 279 2.9 3.4 5.0#



#84
 Di-n-octyl phthalate
 Concen: 36.49 ng
 RT: 16.85 min Scan# 1397
 Delta R.T. -0.02 min
 Lab File: BF077758.D
 Acq: 16 Mar 2015 17:45

Tgt Ion:149 Resp: 572325
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.2 7.3 10.9

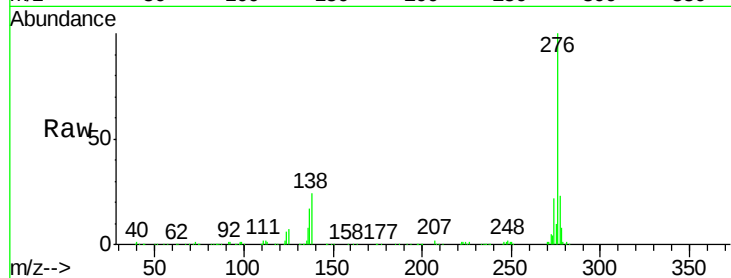




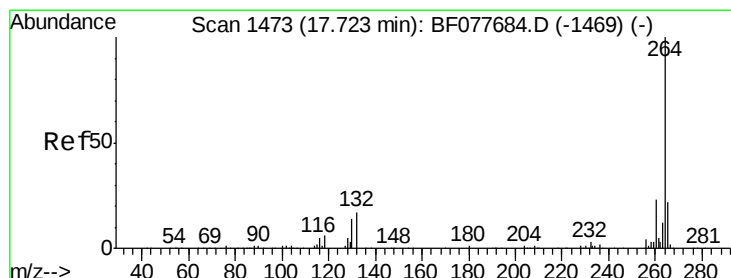
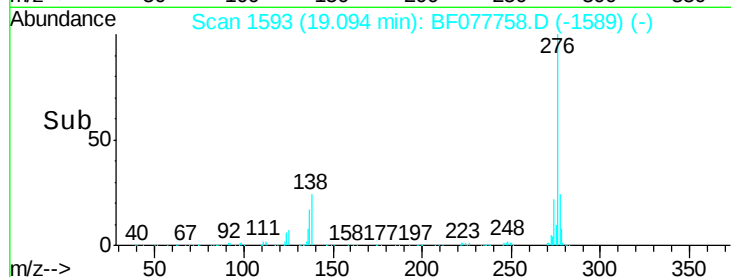
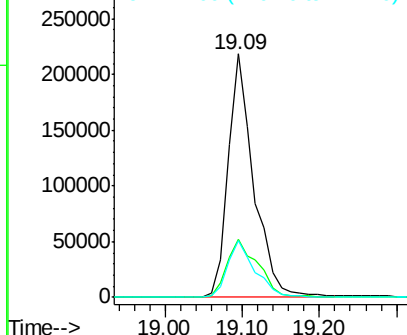
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.39 ng m
 RT: 19.09 min Scan# 1593
 Delta R.T. -0.06 min
 Lab File: BF077758.D
 Acq: 16 Mar 2015 17:45

Instrument :
 BNA_F
 ClientSampleId :
 WCMSD

Tgt Ion: 276 Resp: 509970
 Ion Ratio Lower Upper
 276 100
 138 25.9 0.0 0.0#
 277 22.9 0.0 0.0#

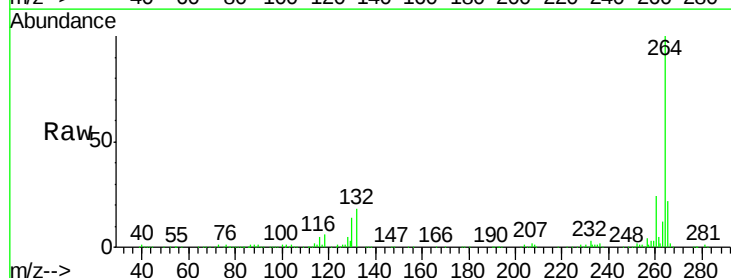


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

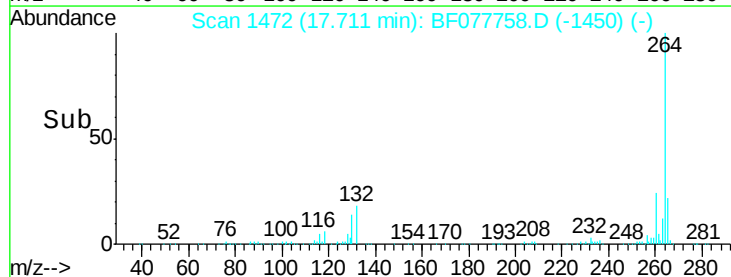
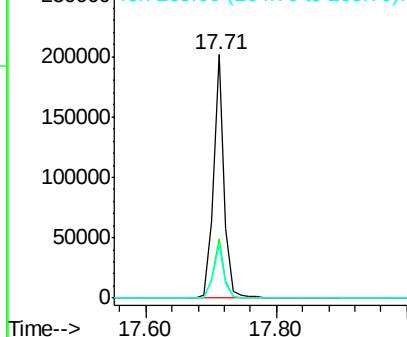


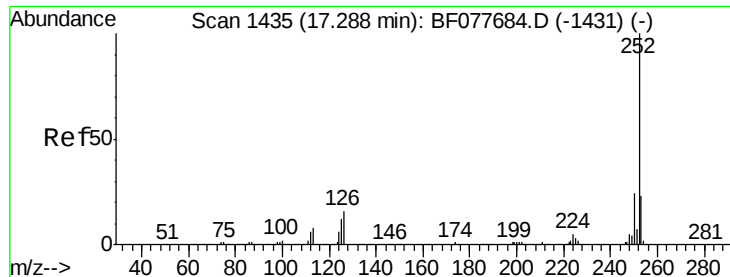
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.71 min Scan# 1472
 Delta R.T. -0.05 min
 Lab File: BF077758.D
 Acq: 16 Mar 2015 17:45

Tgt Ion: 264 Resp: 232866
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.6 27.8
 265 21.9 17.3 25.9



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

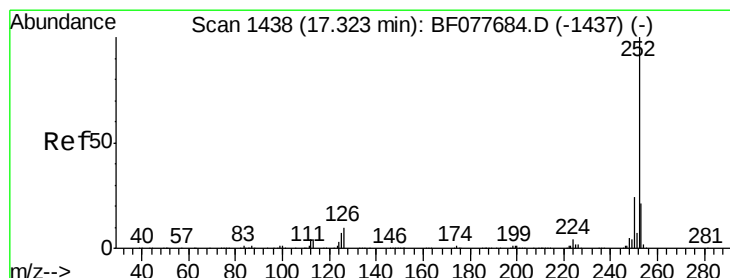
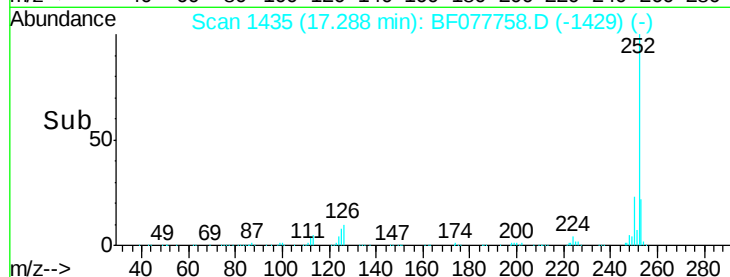
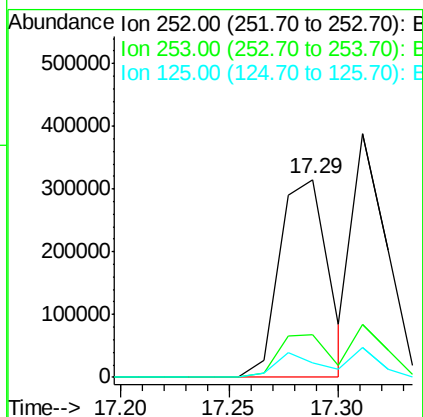
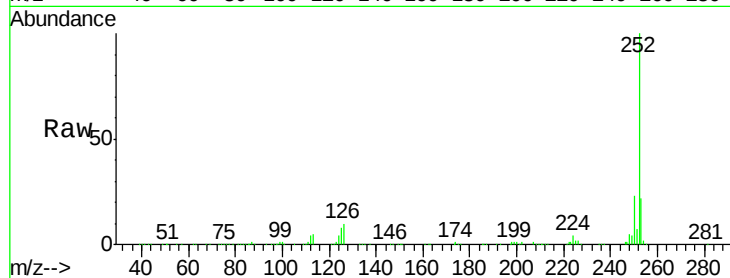




#87
Benzo(b)fluoranthene
Concen: 32.40 ng
RT: 17.29 min Scan# 1435
Delta R.T. -0.03 min
Lab File: BF077758.D
Acq: 16 Mar 2015 17:45

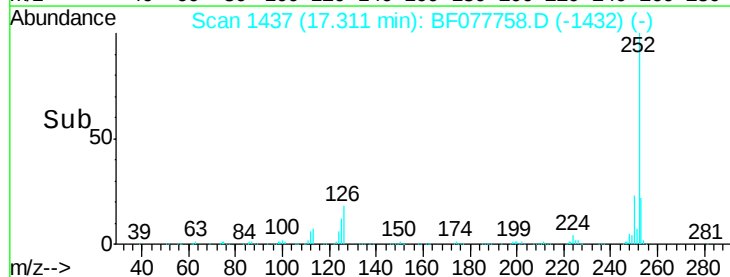
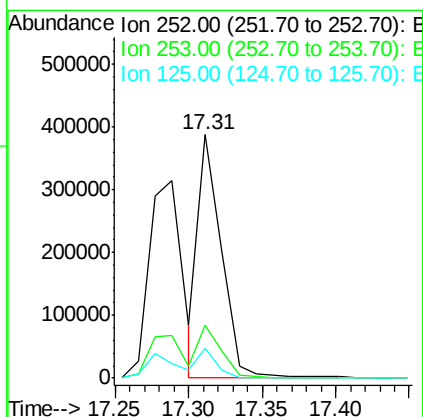
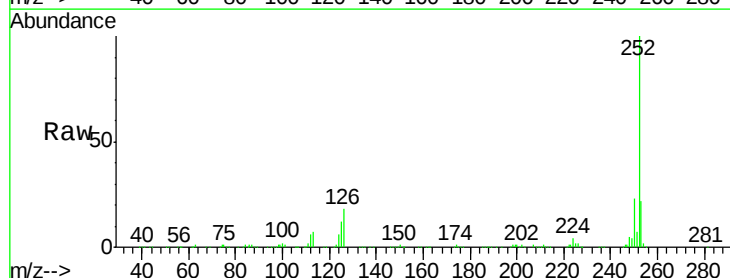
Instrument :
BNA_F
ClientSampleId :
WCMSD

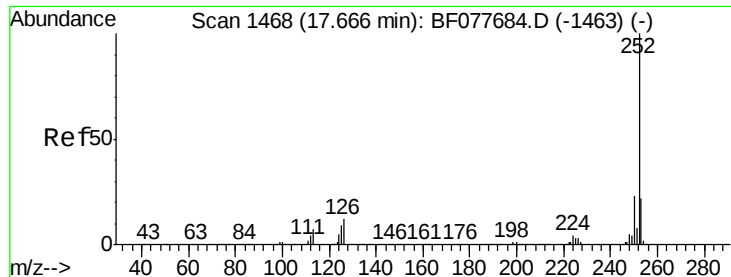
Tgt Ion:252 Resp: 492500
Ion Ratio Lower Upper
252 100
253 21.6 18.0 27.0
125 7.6 9.9 14.9#



#88
Benzo(k)fluoranthene
Concen: 36.62 ng m
RT: 17.31 min Scan# 1437
Delta R.T. -0.05 min
Lab File: BF077758.D
Acq: 16 Mar 2015 17:45

Tgt Ion:252 Resp: 434870
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 12.1 8.1 12.1





#89

Benzo(a)pyrene

Concen: 34.81 ng

RT: 17.65 min Scan# 1467

Delta R.T. -0.05 min

Lab File: BF077758.D

Acq: 16 Mar 2015 17:45

Instrument :

BNA_F

ClientSampleId :

WCMSD

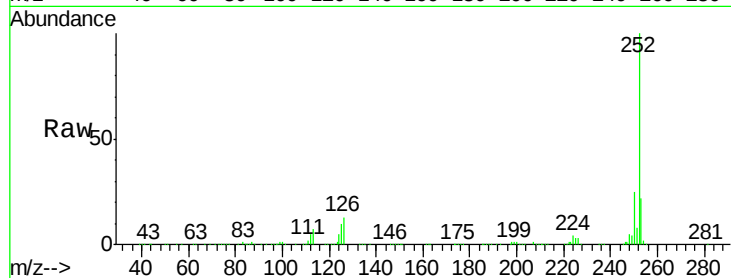
Tgt Ion:252 Resp: 441555

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

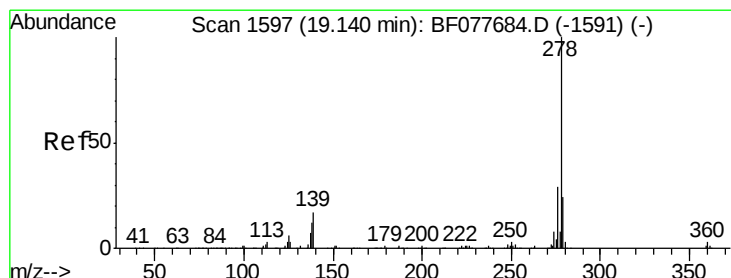
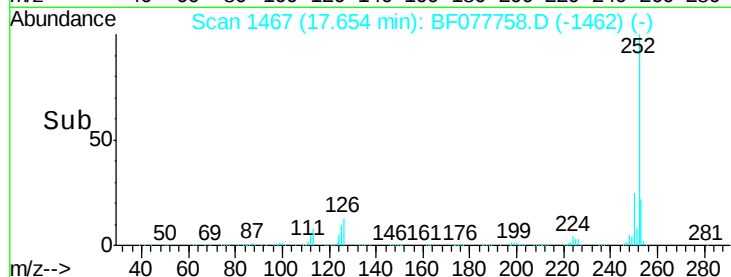
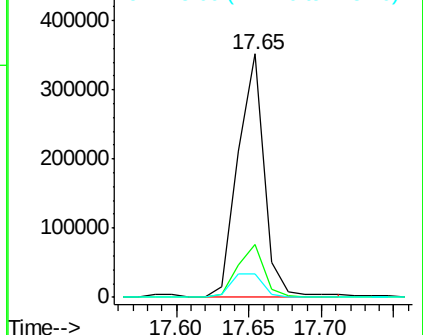
125 9.9 7.4 11.2



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



#90

Dibenzo(a,h)anthracene

Concen: 32.99 ng

RT: 19.13 min Scan# 1596

Delta R.T. -0.06 min

Lab File: BF077758.D

Acq: 16 Mar 2015 17:45

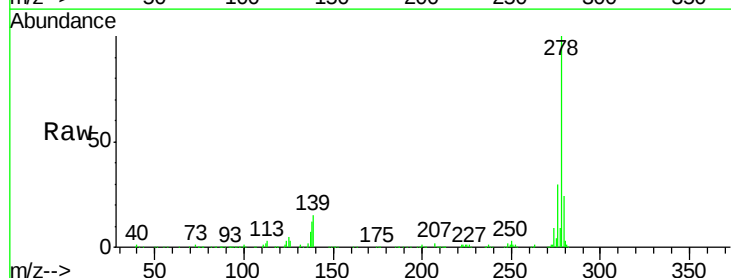
Tgt Ion:278 Resp: 414998

Ion Ratio Lower Upper

278 100

139 15.2 13.4 20.0

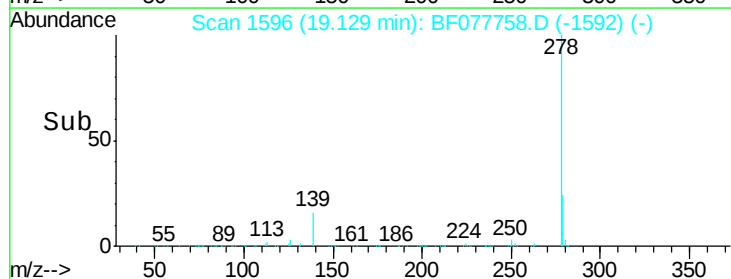
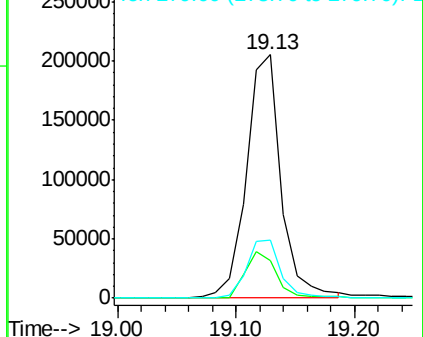
279 23.9 19.0 28.4

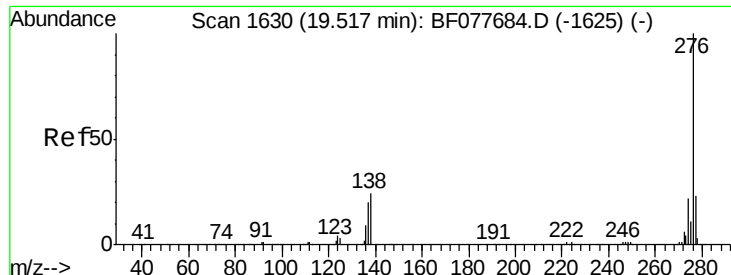


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 33.32 ng

RT: 19.51 min Scan# 1629

Delta R.T. -0.06 min

Lab File: BF077758.D

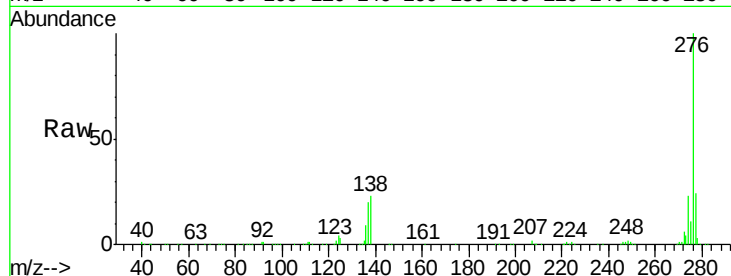
Acq: 16 Mar 2015 17:45

Instrument :

BNA_F

ClientSampleId :

WCMSD



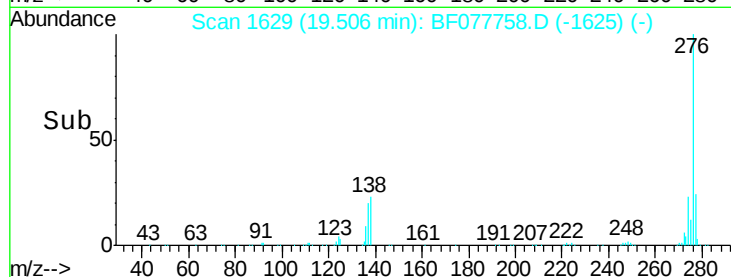
Tgt Ion: 276 Resp: 426697

Ion Ratio Lower Upper

276 100

277 24.3 18.5 27.7

138 23.4 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

