

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
 Data File : BF077980.D
 Acq On : 26 Mar 2015 6:26
 Operator : TP/IZ
 Sample : G1643-11MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-10-3-23-15MSD

Quant Time: Mar 26 07:10:52 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 00:45:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	52305	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	214610	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	108736	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	206759	20.00	ng	-0.01
75) Chrysene-d12	15.95	240	212604	20.00	ng	-0.02
86) Perylene-d12	17.68	264	213267	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	131263	43.81	ng	0.00
7) Phenol-d6	6.67	99	99857	26.97	ng	0.00
23) Nitrobenzene-d5	7.79	82	238155	72.74	ng	0.00
41) 2,4,6-Tribromophenol	11.82	330	109026	104.80	ng	0.00
44) 2-Fluorobiphenyl	10.02	172	526581	71.17	ng	0.00
78) Terphenyl-d14	14.67	244	599586	68.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.97	88	13756	10.11	ng	# 100
3) Pyridine	2.66	79	40317	11.03	ng	99
4) n-Nitrosodimethylamine	2.58	42	16262	10.22	ng	97
6) Aniline	6.68	93	66440	12.55	ng	# 87
8) 2-Chlorophenol	6.83	128	99106	27.79	ng	93
9) Benzaldehyde	6.54	77	6244	4.12	ng	89
10) Phenol	6.69	94	43201	9.87	ng	85
11) bis(2-Chloroethyl)ether	6.78	93	117490	35.84	ng	91
12) 1,3-Dichlorobenzene	7.01	146	120357	30.34	ng	97
13) 1,4-Dichlorobenzene	7.12	146	123340	29.92	ng	98
14) 1,2-Dichlorobenzene	7.30	146	122390	32.39	ng	97
15) Benzyl Alcohol	7.29	79	60562	20.96	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.46	45	154216	34.91	ng	98
17) 2-Methylphenol	7.45	107	60544	20.85	ng	# 92
18) Hexachloroethane	7.71	117	41700	30.85	ng	89
19) n-Nitroso-di-n-propylamine	7.62	70	87311	34.09	ng	98
20) 3+4-Methylphenols	7.63	107	92909	24.38	ng	90
22) Acetophenone	7.61	105	182478	38.41	ng	96
24) Nitrobenzene	7.81	77	128595	36.46	ng	96
25) Isophorone	8.11	82	227919	34.47	ng	# 92
26) 2-Nitrophenol	8.21	139	61002	35.33	ng	91
27) 2,4-Dimethylphenol	8.28	122	98195	31.21	ng	95
28) bis(2-Chloroethoxy)methane	8.40	93	140862	35.10	ng	97
29) 2,4-Dichlorophenol	8.51	162	99108	33.05	ng	97
30) 1,2,4-Trichlorobenzene	8.60	180	106809	31.84	ng	96
31) Naphthalene	8.69	128	354154	32.13	ng	99
32) Benzoic acid	8.37	122	16050	11.65	ng	94
33) 4-Chloroaniline	8.78	127	68161	15.24	ng	99
34) Hexachlorobutadiene	8.85	225	60474	31.80	ng	98
35) Caprolactam	9.21	113	4182	4.77	ng	93
36) 4-Chloro-3-methylphenol	9.39	107	92566	30.68	ng	# 85
37) 2-Methylnaphthalene	9.56	142	252405	34.09	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.77	216	108051	33.32	ng	# 100
40) Hexachlorocyclopentadiene	9.74	237	92823	58.08	ng	97

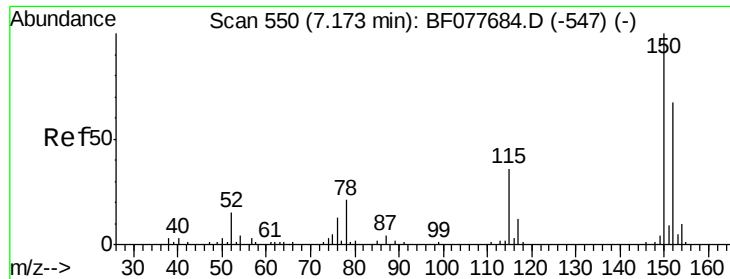
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.92	196	75114	33.44	nq	98
43) 2,4,5-Trichlorophenol	9.96	196	79838	32.90	nq	# 91
45) 1,1'-Biphenyl	10.13	154	303379	34.90	nq	97
46) 2-Chloronaphthalene	10.16	162	237777	33.66	nq	# 93
47) 2-Nitroaniline	10.29	65	66481	37.89	nq	95
48) Acenaphthylene	10.67	152	387144	32.96	nq	99
49) Dimethylphthalate	10.53	163	299655	37.16	nq	100
50) 2,6-Dinitrotoluene	10.60	165	62742	37.53	nq	99
51) Acenaphthene	10.88	154	217839	32.34	nq	99
52) 3-Nitroaniline	10.81	138	32922	16.96	nq	100
53) 2,4-Dinitrophenol	10.94	184	42697	70.58	nq	# 66
54) Dibenzofuran	11.09	168	337752	33.81	nq	94
55) 4-Nitrophenol	11.04	139	30389	21.13	nq	85
56) 2,4-Dinitrotoluene	11.09	165	80507	36.93	nq	# 88
57) Fluorene	11.52	166	280685	33.84	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.25	232	67535	36.14	nq	# 100
59) Diethylphthalate	11.40	149	278972	35.50	nq	95
60) 4-Chlorophenyl-phenylether	11.53	204	126764	33.49	nq	# 90
61) 4-Nitroaniline	11.56	138	57924	29.94	nq	93
62) Azobenzene	11.72	77	260412	34.67	nq	92
64) 4,6-Dinitro-2-methylphenol	11.60	198	33959	35.97	nq	92
65) n-Nitrosodiphenylamine	11.68	169	242599	35.24	nq	99
66) 4-Bromophenyl-phenylether	12.13	248	76876	34.84	nq	# 87
67) Hexachlorobenzene	12.19	284	83703	34.52	nq	# 93
68) Atrazine	12.36	200	76899	39.86	nq	98
69) Pentachlorophenol	12.44	266	87362	69.23	nq	98
70) Phenanthrene	12.70	178	422100	35.56	nq	99
71) Anthracene	12.77	178	424285	36.18	nq	99
72) Carbazole	12.98	167	410317	36.78	nq	99
73) Di-n-butylphthalate	13.44	149	503268	40.24	nq	99
74) Fluoranthene	14.18	202	469106	35.83	nq	97
76) Benzidine	14.36	184	63689	11.76	nq	100
77) Pyrene	14.45	202	481979	36.05	nq	99
79) Butylbenzylphthalate	15.29	149	218658	41.48	nq	87
80) Benzo(a)anthracene	15.94	228	442845	35.14	nq	99
81) 3,3'-Dichlorobenzidine	15.93	252	93012	22.37	nq	100
82) Chrysene	15.99	228	429264	37.88	nq	99
83) Bis(2-ethylhexyl)phthalate	16.01	149	322687	40.41	nq	# 94
84) Di-n-octyl phthalate	16.81	149	560485	41.05	nq	100
85) Indeno(1,2,3-cd)pyrene	19.04	276	490879	34.71	nq	# 100
87) Benzo(b)fluoranthene	17.24	252	430199	30.90	nq	97
88) Benzo(k)fluoranthene	17.28	252	440307m	40.49	nq	
89) Benzo(a)pyrene	17.62	252	430657	37.07	nq	98
90) Dibenzo(a,h)anthracene	19.06	278	400294	34.74	nq	96
91) Benzo(g,h,i)perylene	19.44	276	407488	34.74	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.09 min Scan# 543

Delta R.T. -0.00 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

Instrument :

BNA_F

ClientSampleId :

MW-10-3-23-15MSD

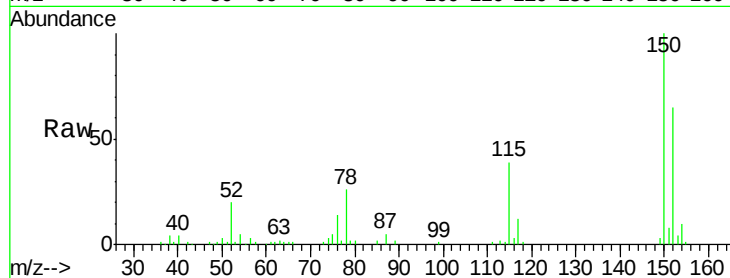
Tot Ion:152 Resp: 52305

Ion Ratio Lower Upper

152 100

150 153.9 119.5 179.3

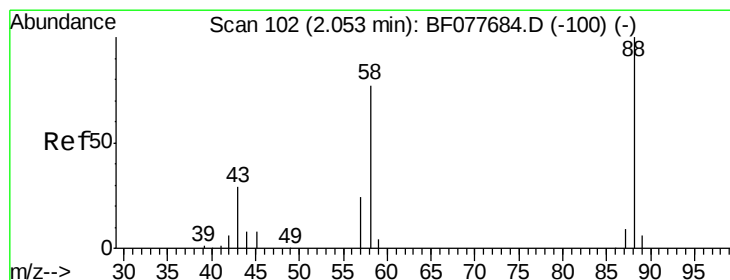
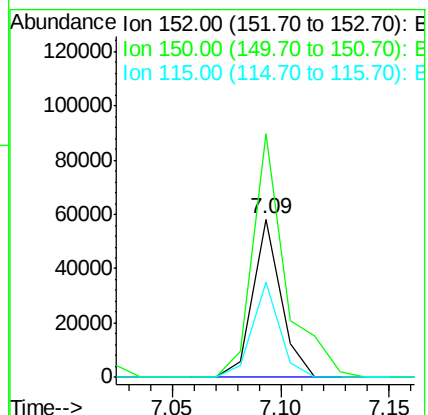
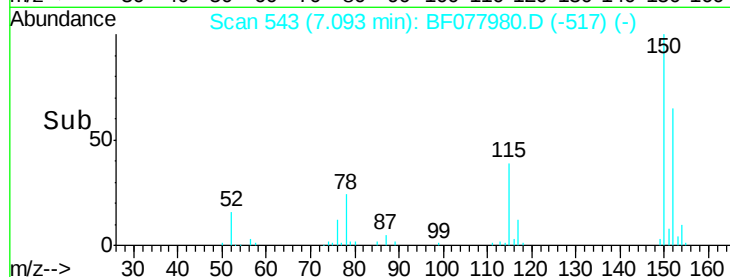
115 60.4 43.0 64.4



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: 10.11 ng

RT: 1.97 min Scan# 95

Delta R.T. 0.03 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

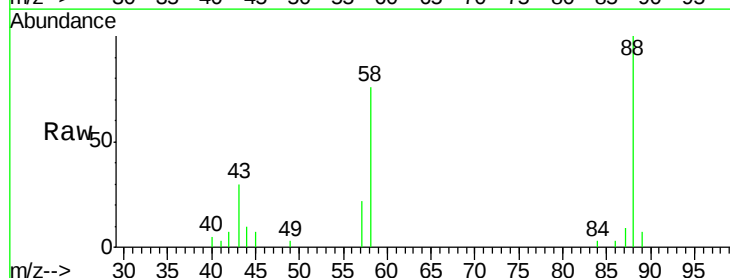
Tgt Ion: 88 Resp: 13756

Ion Ratio Lower Upper

88 100

58 79.5 0.0 0.0#

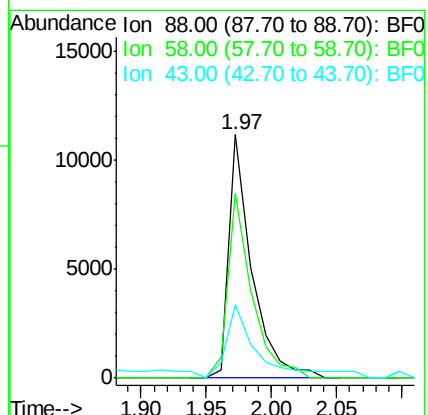
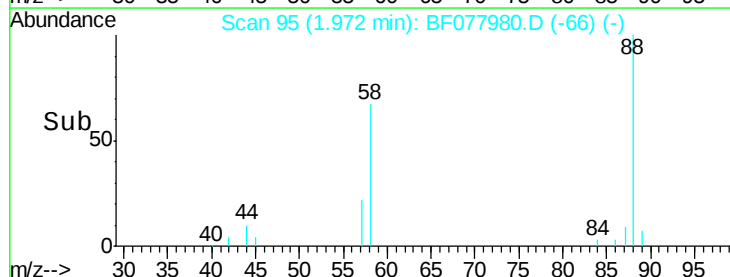
43 42.3 0.0 0.0#

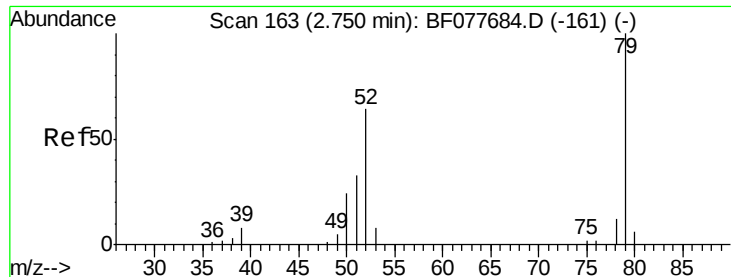


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

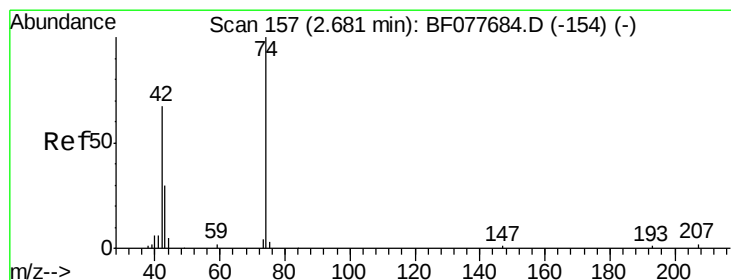
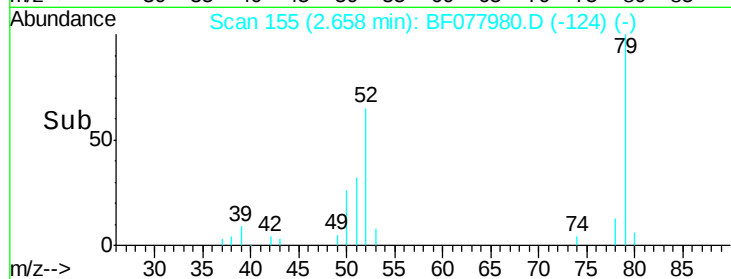
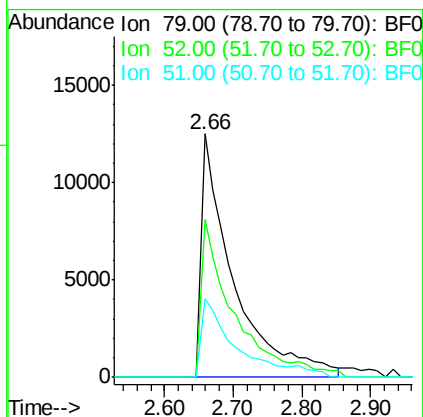
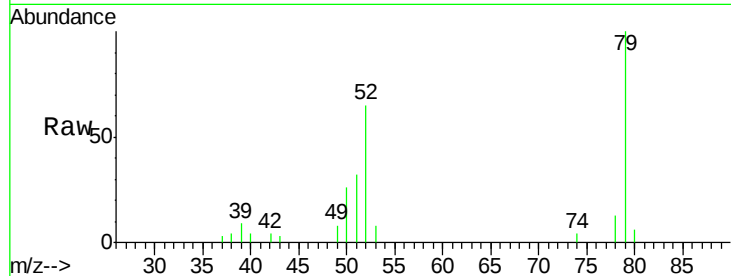




#3
 Pvridine
 Concen: 11.03 ng
 RT: 2.66 min Scan# 155
 Delta R.T. 0.06 min
 Lab File: BF077980.D
 Acq: 26 Mar 2015 6:26

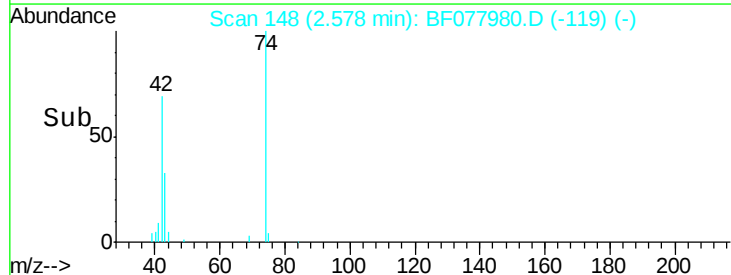
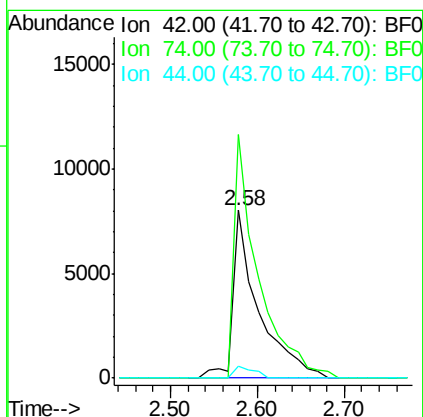
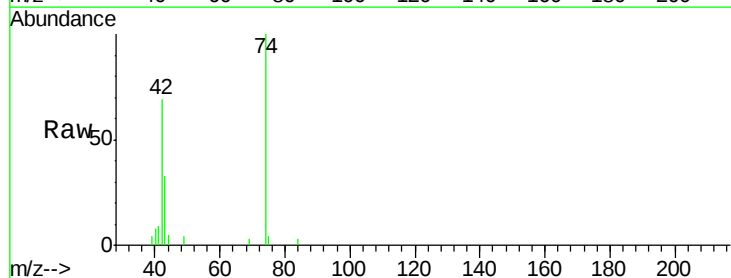
Instrument :
 BNA_F
 ClientSampleId :
 MW-10-3-23-15MSD

Tot Ion: 79 Resp: 40317
 Ion Ratio Lower Upper
 79 100
 52 64.8 51.1 76.7
 51 32.1 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 10.22 ng
 RT: 2.58 min Scan# 148
 Delta R.T. 0.03 min
 Lab File: BF077980.D
 Acq: 26 Mar 2015 6:26

Tgt Ion: 42 Resp: 16262
 Ion Ratio Lower Upper
 42 100
 74 145.3 119.3 178.9
 44 7.1 5.4 8.2





#5

2-Fluorophenol

Concen: 43.81 ng

RT: 5.38 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

Instrument :

BNA_F

ClientSampleId :

MW-10-3-23-15MSD

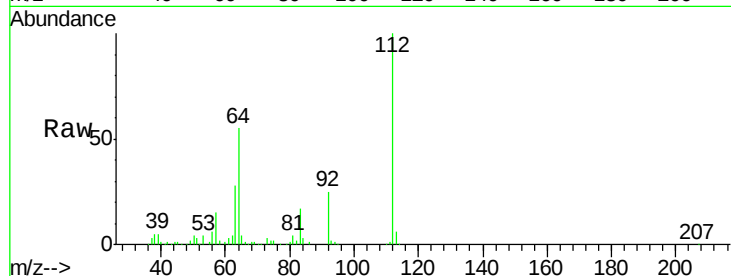
Tot Ion:112 Resp: 131263

Ion Ratio Lower Upper

112 100

64 54.7 38.6 57.8

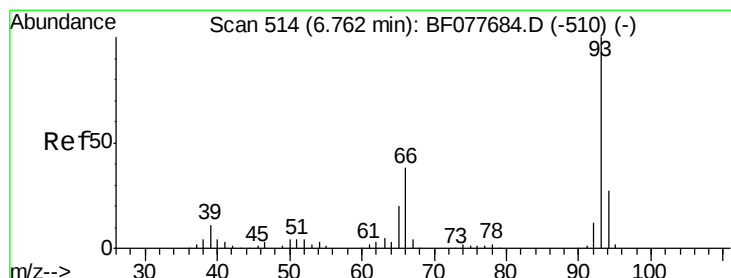
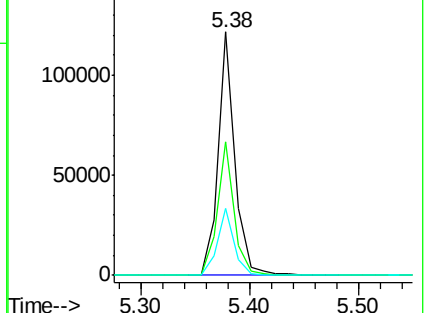
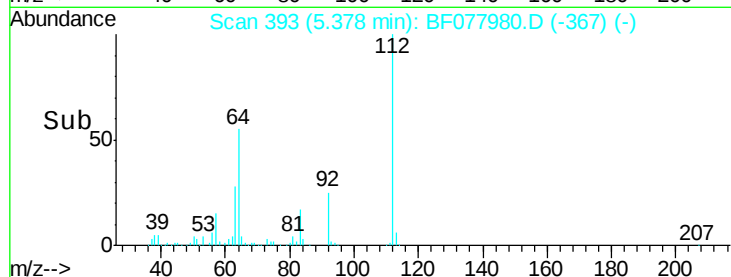
63 27.6 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 12.55 ng

RT: 6.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

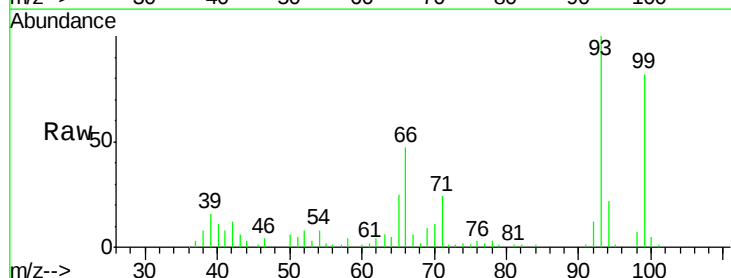
Tgt Ion: 93 Resp: 66440

Ion Ratio Lower Upper

93 100

66 47.0 30.8 46.2#

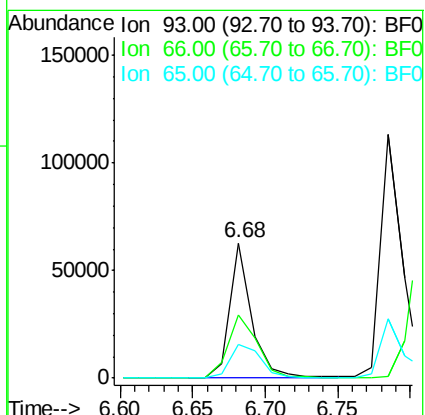
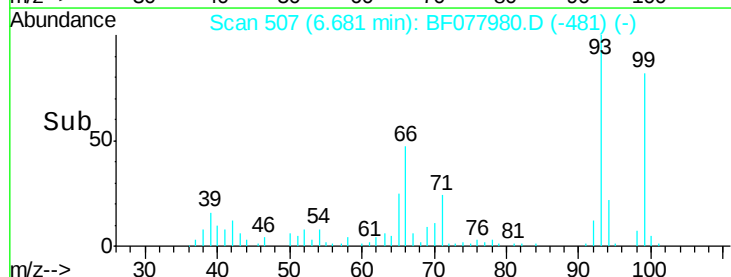
65 24.6 16.0 24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 26.97 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

Instrument :

BNA_F

ClientSampleId :

MW-10-3-23-15MSD

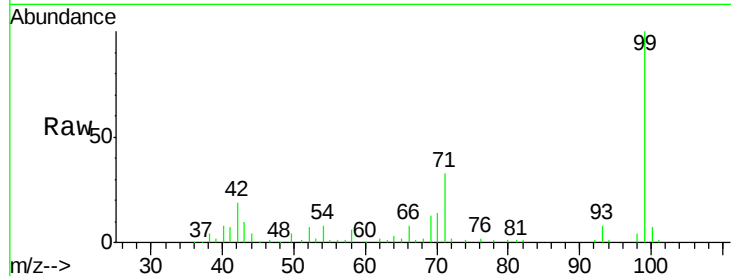
Tot Ion: 99 Resp: 99857

Ion Ratio Lower Upper

99 100

42 19.1 11.0 16.4#

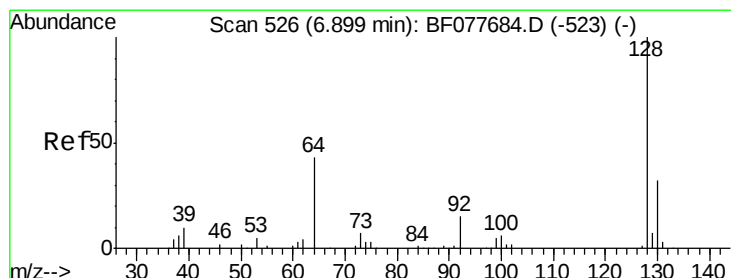
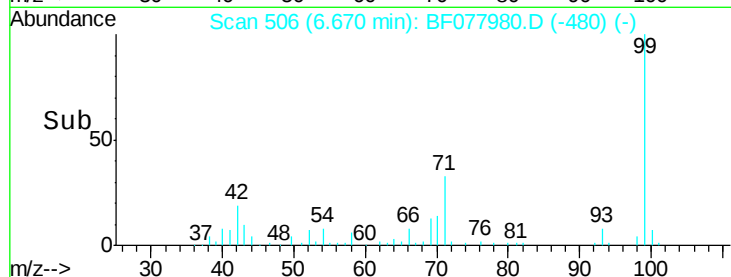
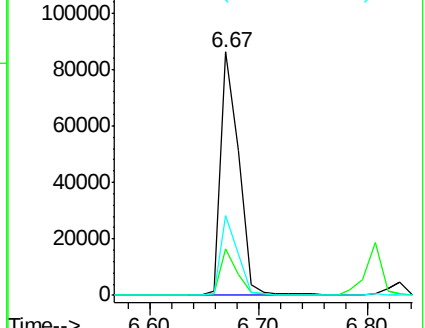
71 32.9 23.4 35.2



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: 27.79 ng

RT: 6.83 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

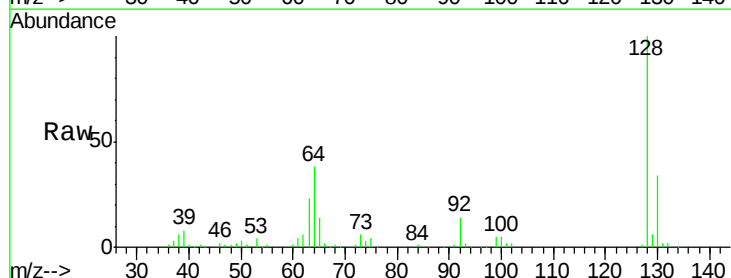
Tgt Ion: 128 Resp: 99106

Ion Ratio Lower Upper

128 100

130 33.6 12.0 52.0

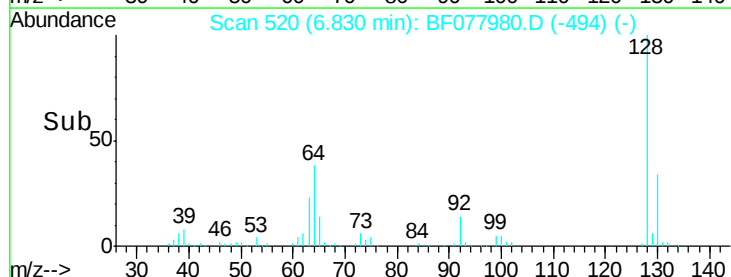
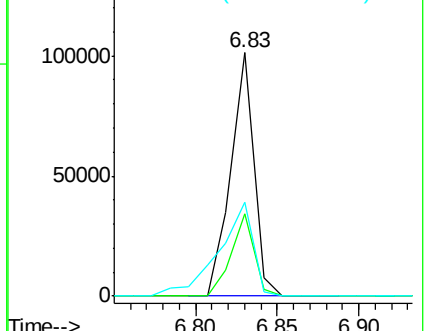
64 38.3 24.9 64.9



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: 4.12 ng

RT: 6.54 min Scan# 495

Delta R.T. 0.01 min

Lab File: BF077980.D

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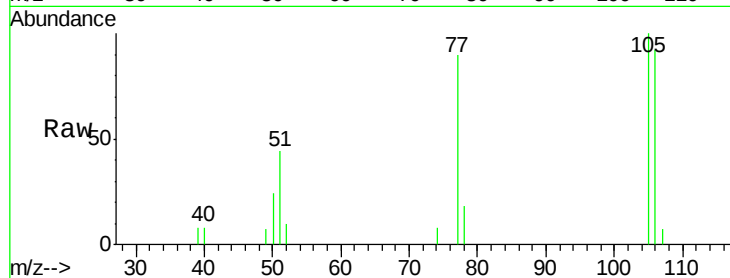
Tot Ion: 77 Resp: 6244

Ion Ratio Lower Upper

77 100

105 110.7 78.8 118.8

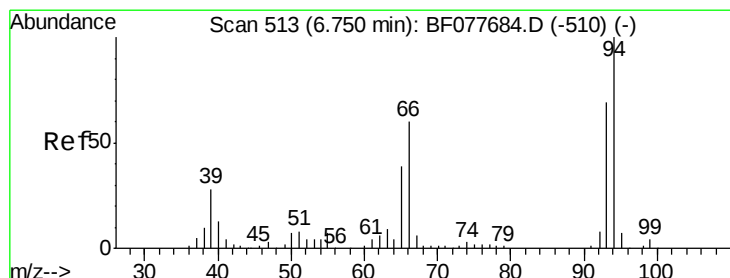
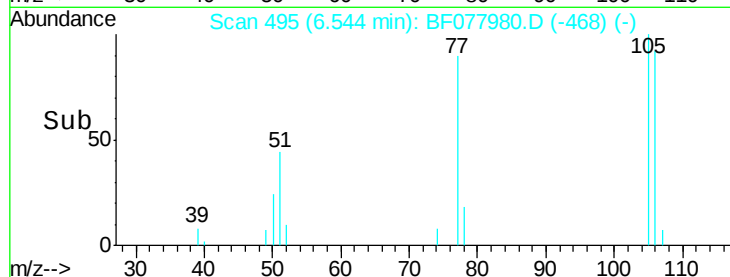
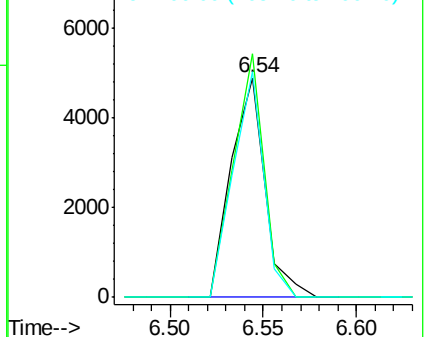
106 102.4 73.7 113.7



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: 9.87 ng

RT: 6.69 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

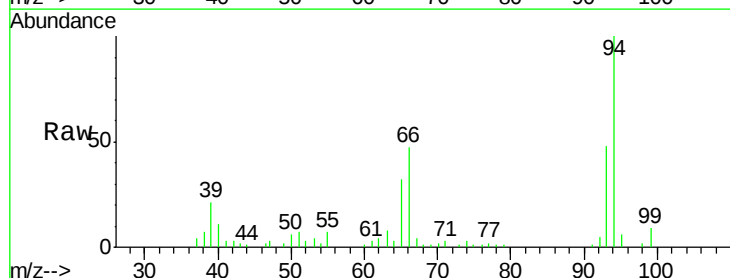
Tgt Ion: 94 Resp: 43201

Ion Ratio Lower Upper

94 100

65 32.2 18.8 58.8

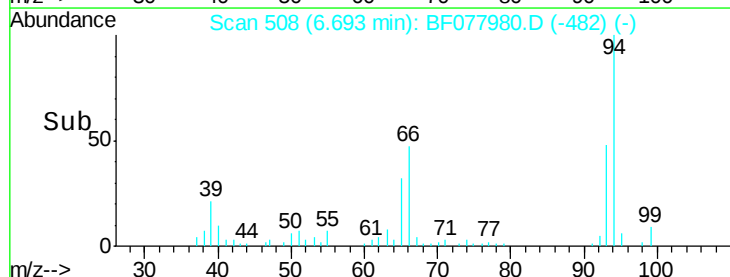
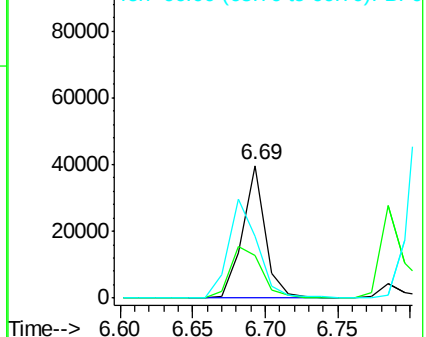
66 46.9 39.9 79.9

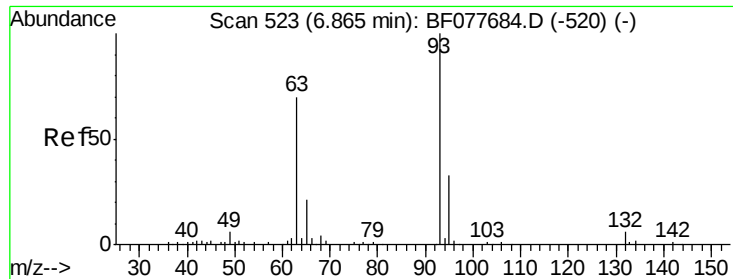


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 35.84 ng

RT: 6.78 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

Instrument :

BNA_F

ClientSampleId :

MW-10-3-23-15MSD

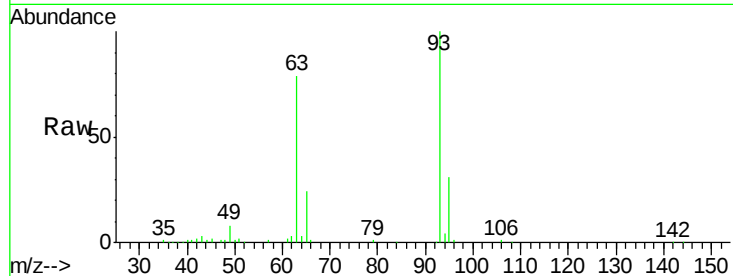
Tot Ion: 93 Resp: 117490

Ion Ratio Lower Upper

93 100

63 78.5 49.5 89.5

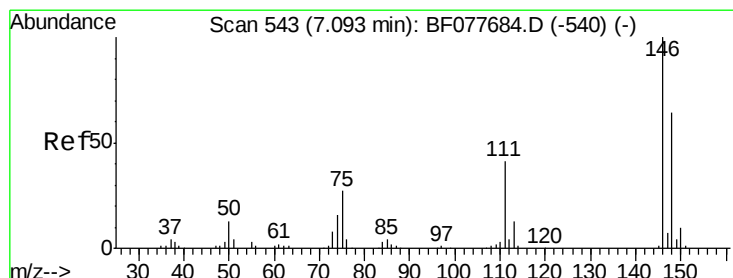
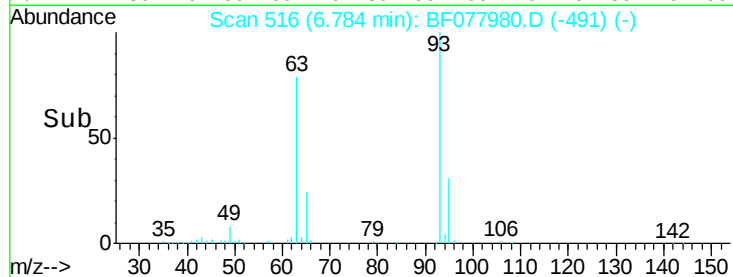
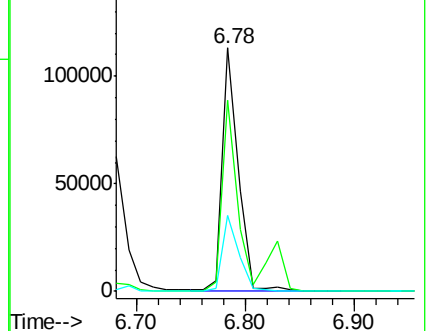
95 31.0 13.5 53.5



Abundance Ion 93.00 (92.70 to 93.70): BF077684.D (-520) (-)

Ion 63.00 (62.70 to 63.70): BF077684.D (-520) (-)

Ion 95.00 (94.70 to 95.70): BF077684.D (-520) (-)



#12

1,3-Dichlorobenzene

Concen: 30.34 ng

RT: 7.01 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

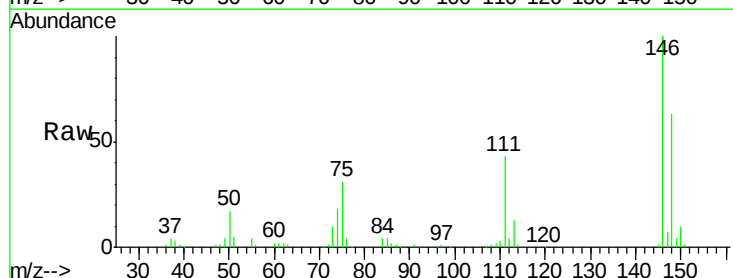
Tgt Ion: 146 Resp: 120357

Ion Ratio Lower Upper

146 100

148 62.7 50.9 76.3

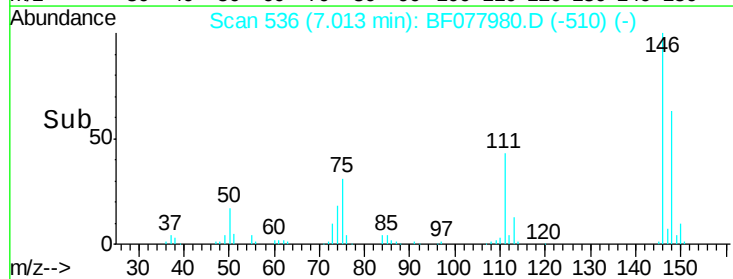
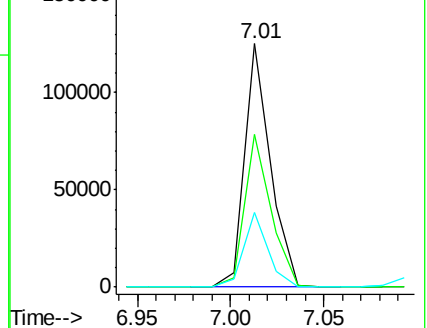
75 30.7 21.4 32.2

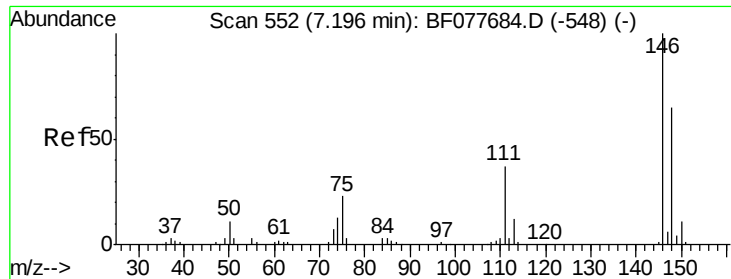


Abundance Ion 146.00 (145.70 to 146.70): BF077684.D (-540) (-)

Ion 148.00 (147.70 to 148.70): BF077684.D (-540) (-)

Ion 75.00 (74.70 to 75.70): BF077684.D (-540) (-)

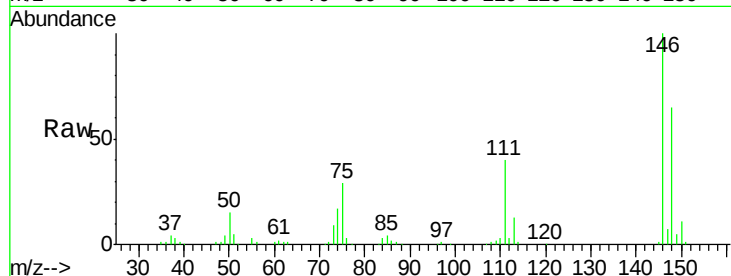




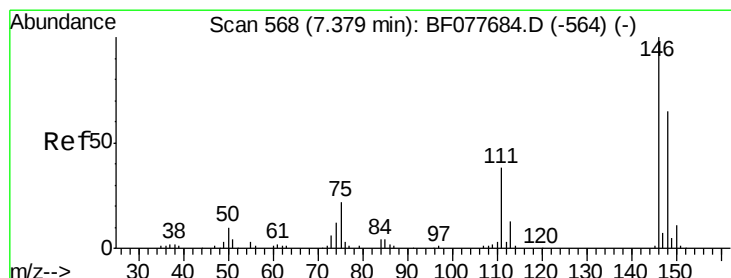
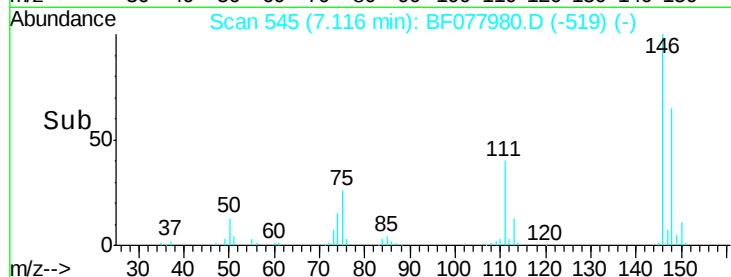
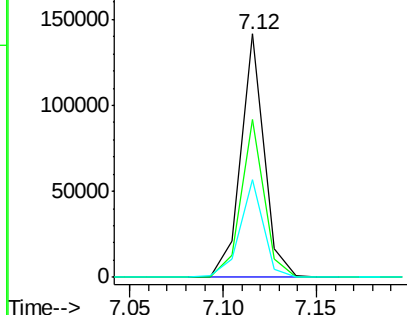
#13
 1,4-Dichlorobenzene
 Concen: 29.92 ng
 RT: 7.12 min Scan# 545
 Delta R.T. -0.00 min
 Lab File: BF077980.D
 Acq: 26 Mar 2015 6:26

Instrument :
 BNA_F
 ClientSampleId :
 MW-10-3-23-15MSD

Tot Ion:146 Resp: 123340
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.9 77.9
 111 40.0 29.2 43.8

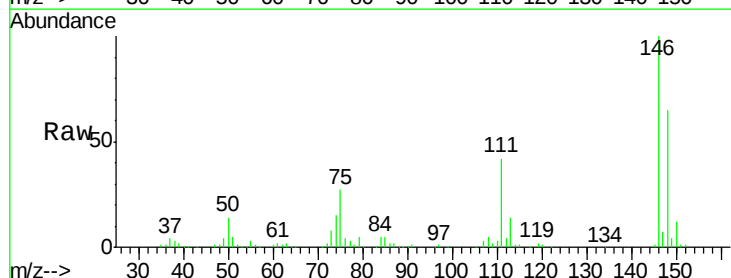


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

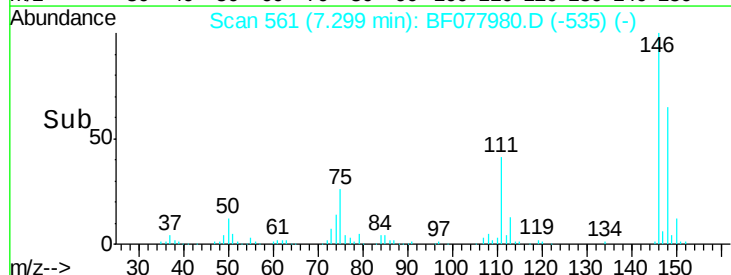
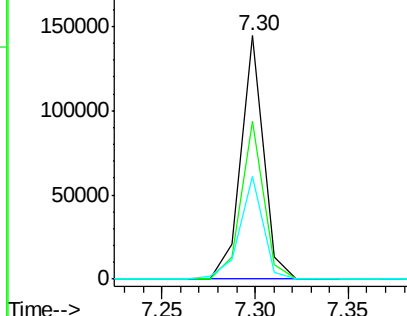


#14
 1,2-Dichlorobenzene
 Concen: 32.39 ng
 RT: 7.30 min Scan# 561
 Delta R.T. -0.00 min
 Lab File: BF077980.D
 Acq: 26 Mar 2015 6:26

Tgt Ion:146 Resp: 122390
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.3 78.5
 111 42.0 30.6 45.8



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 20.96 ng

RT: 7.29 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

Instrument :

BNA_F

ClientSampleId :

MW-10-3-23-15MSD

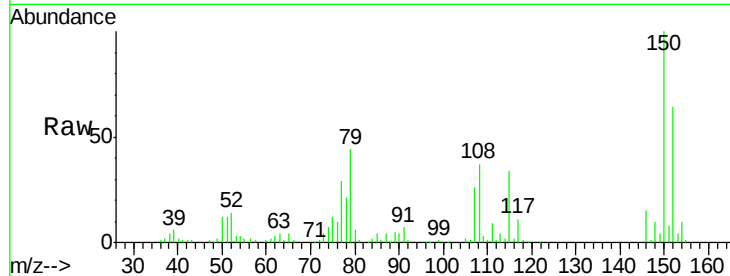
Tot Ion: 79 Resp: 60562

Ion Ratio Lower Upper

79 100

108 84.6 65.0 97.4

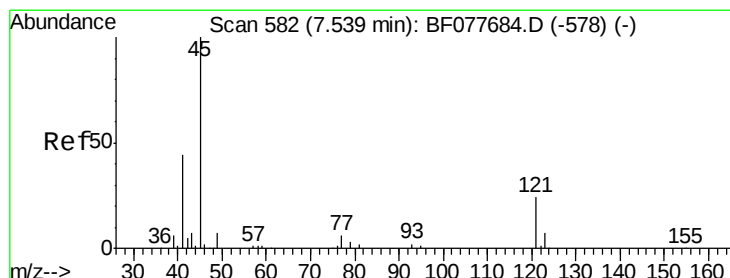
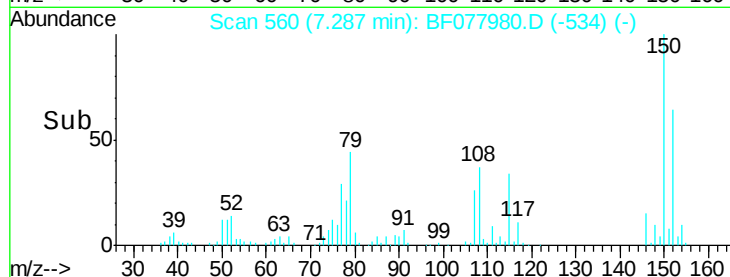
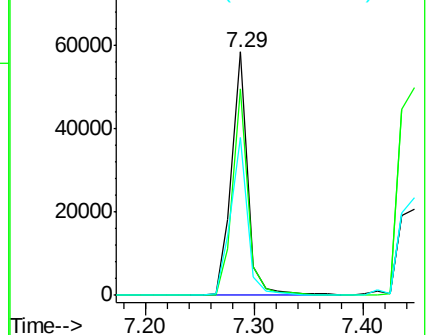
77 65.1 53.0 79.6



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: 34.91 ng

RT: 7.46 min Scan# 575

Delta R.T. -0.00 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

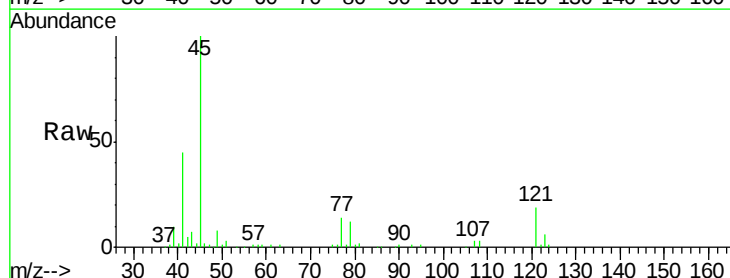
Tgt Ion: 45 Resp: 154216

Ion Ratio Lower Upper

45 100

77 14.4 0.0 35.2

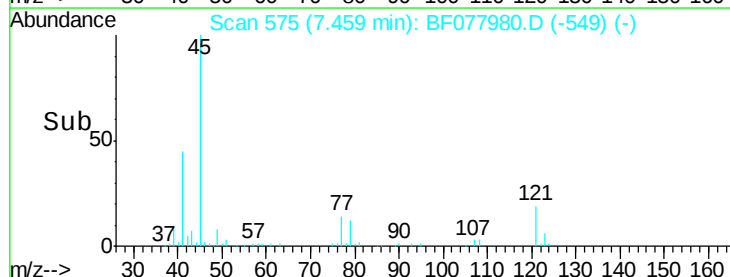
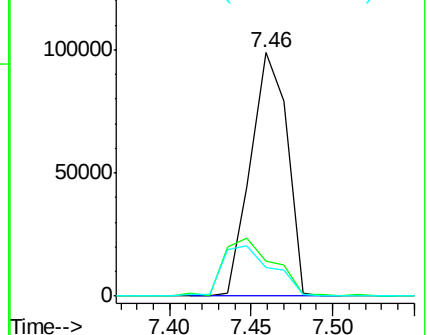
79 11.7 0.0 32.0

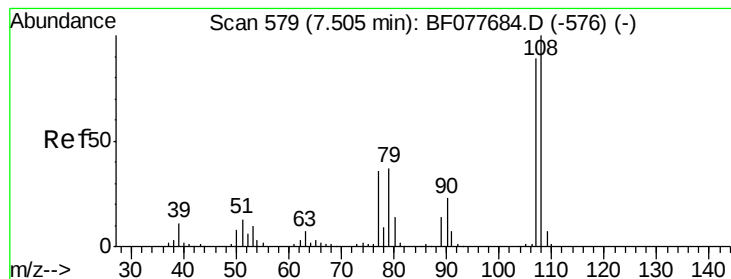


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 20.85 ng

RT: 7.45 min Scan# 574

Delta R.T. 0.01 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

Instrument :

BNA_F

ClientSampleId :

MW-10-3-23-15MSD

Tot Ion:107 Resp: 60544

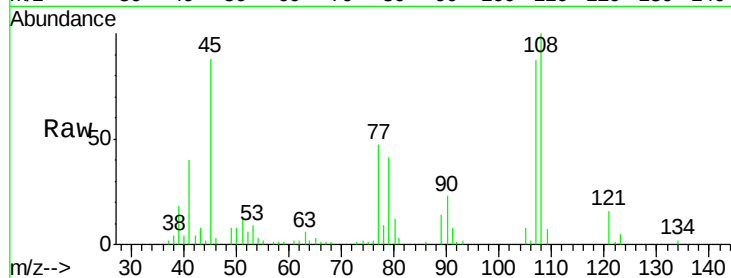
Ion Ratio Lower Upper

107 100

108 114.6 89.8 134.8

77 53.6 32.6 48.8#

79 47.3 32.8 49.2

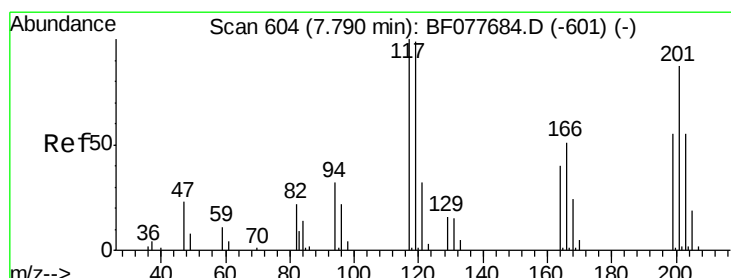
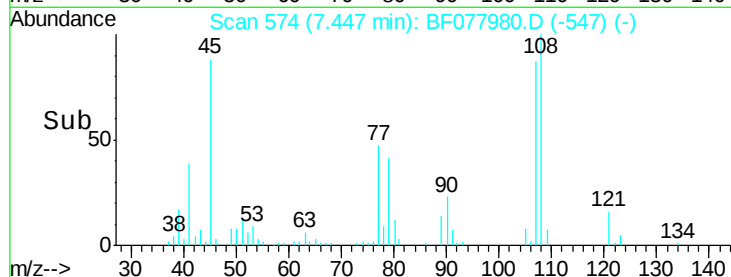
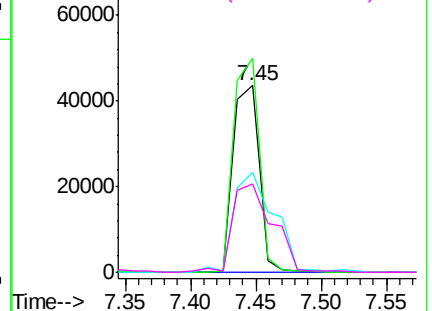


Abundance Ion 107.00 (106.70 to 107.70): E

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: 30.85 ng

RT: 7.71 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

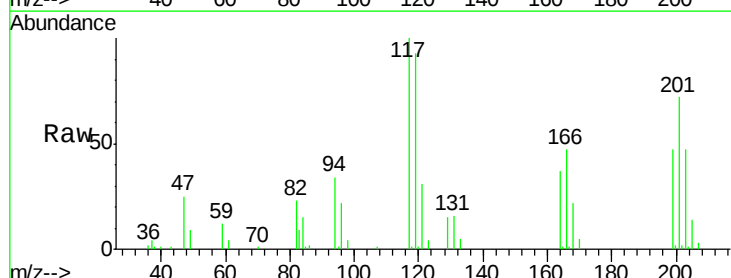
Tgt Ion:117 Resp: 41700

Ion Ratio Lower Upper

117 100

119 93.4 79.2 118.8

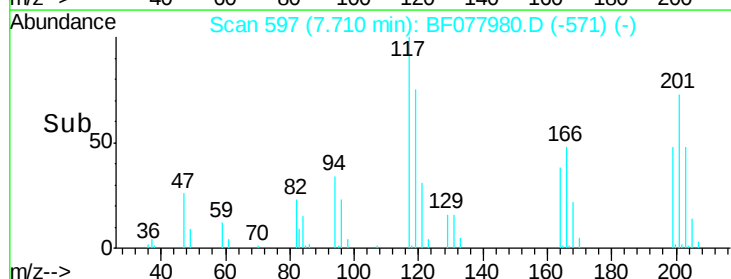
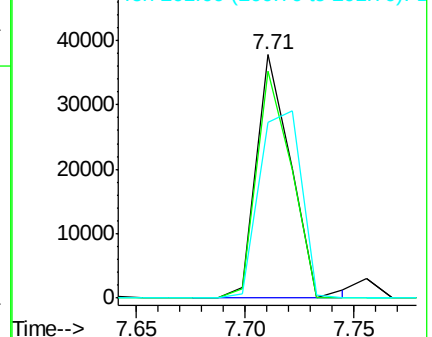
201 71.9 69.8 104.6

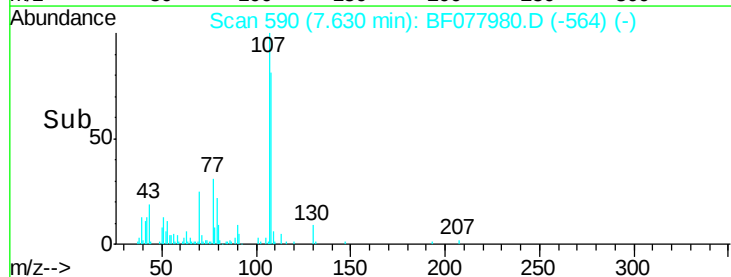
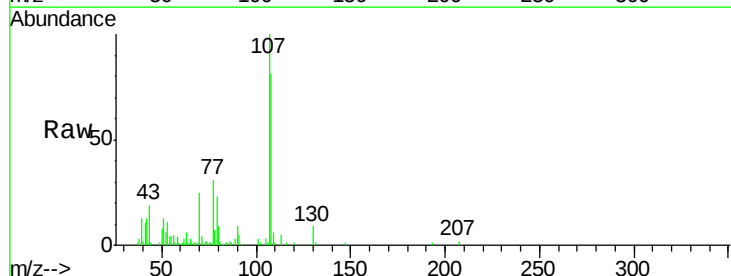
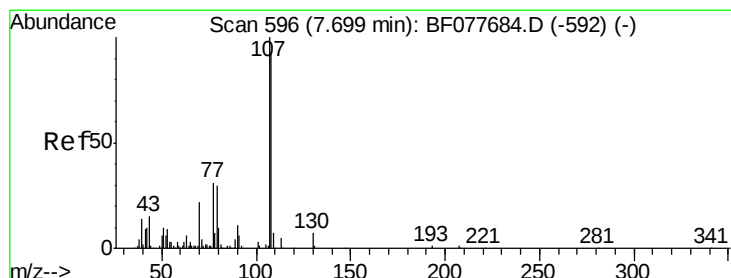
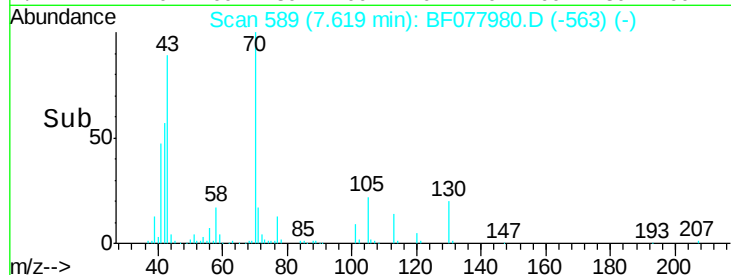
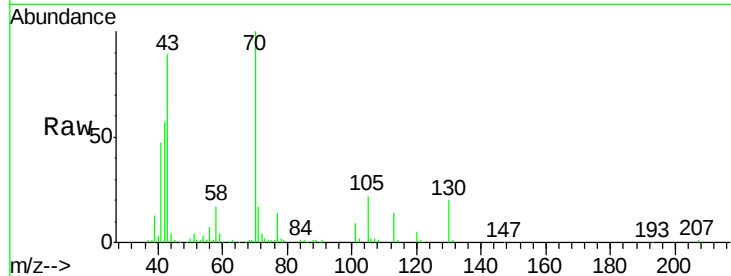


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

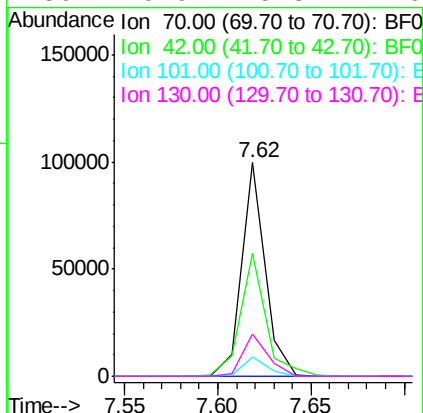




#19
n-Nitroso-di-n-propylamine
Concen: 34.09 ng
RT: 7.62 min Scan# 589
Delta R.T. -0.00 min
Lab File: BF077980.D
Acq: 26 Mar 2015 6:26

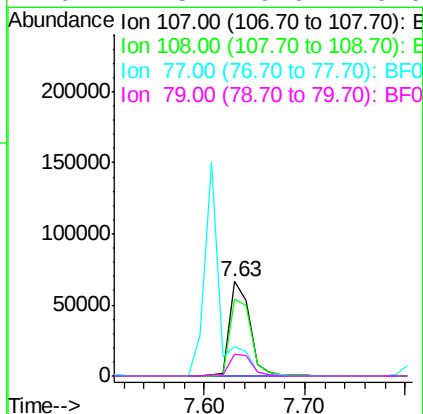
Instrument :
BNA_F
ClientSampleId :
MW-10-3-23-15MSD

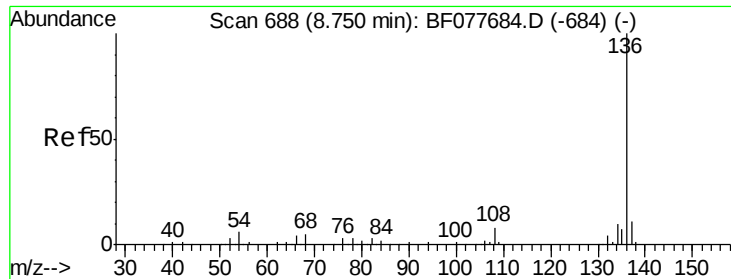
Tot Ion: 70 Resp: 87311
Ion Ratio Lower Upper
70 100
42 57.3 44.5 66.7
101 9.2 7.4 11.2
130 19.9 15.3 22.9



#20
3+4-Methylphenols
Concen: 24.38 ng
RT: 7.63 min Scan# 590
Delta R.T. -0.00 min
Lab File: BF077980.D
Acq: 26 Mar 2015 6:26

Tgt Ion: 107 Resp: 92909
Ion Ratio Lower Upper
107 100
108 81.3 73.2 113.2
77 31.3 10.7 50.7
79 22.8 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.67 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

Instrument :

BNA_F

ClientSampleId :

MW-10-3-23-15MSD

Tot Ion:136 Resp: 214610

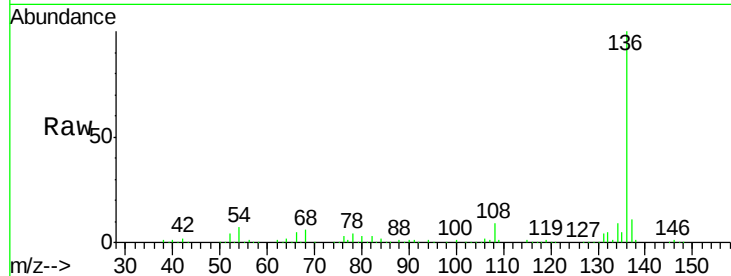
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 7.2 4.6 6.8#

68 6.0 3.7 5.5#

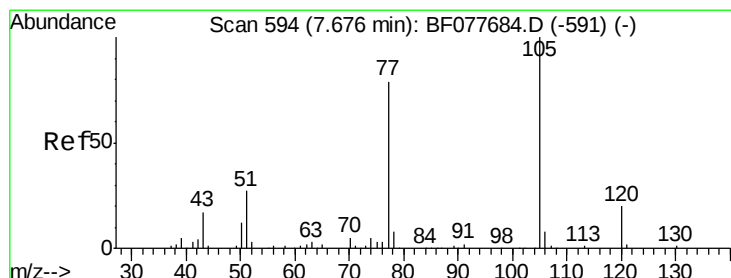
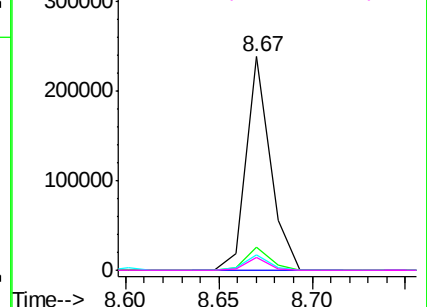
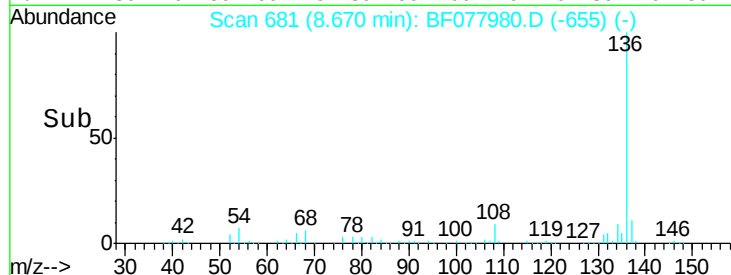


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.41 ng

RT: 7.61 min Scan# 588

Delta R.T. -0.00 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

Tgt Ion:105 Resp: 182478

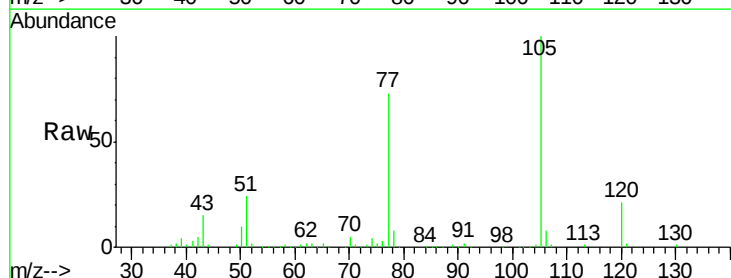
Ion Ratio Lower Upper

105 100

71 0.9 0.6 1.0

51 23.9 21.6 32.4

120 21.3 16.1 24.1

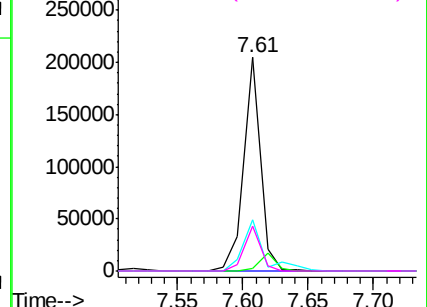
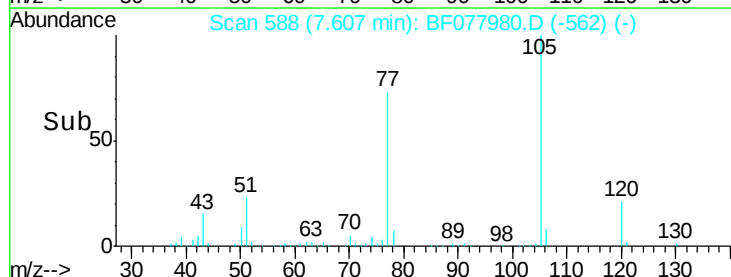


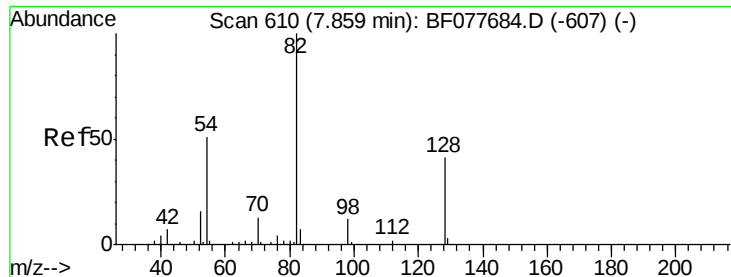
Abundance Ion 105.00 (104.70 to 105.70): E

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

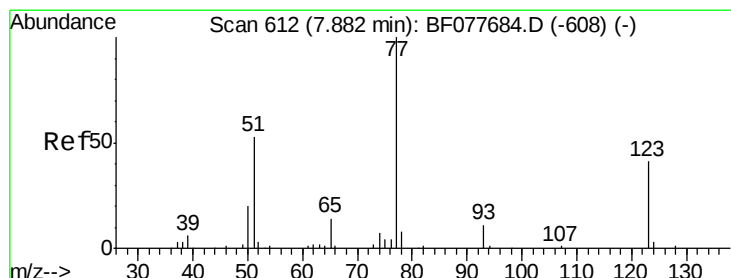
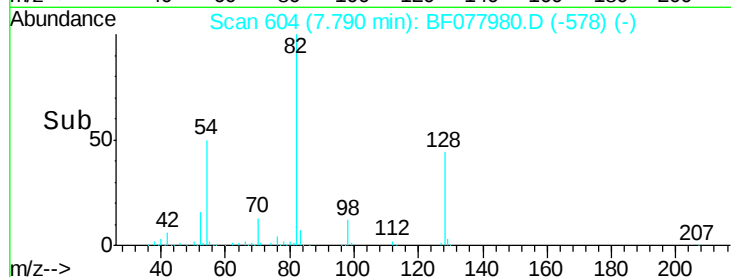
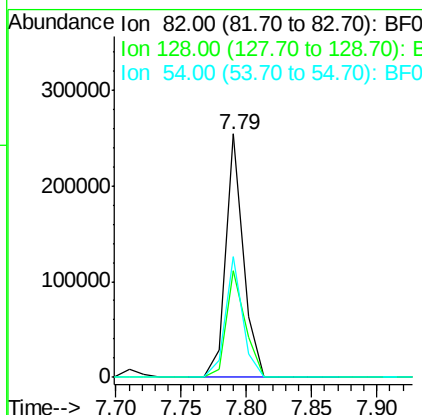
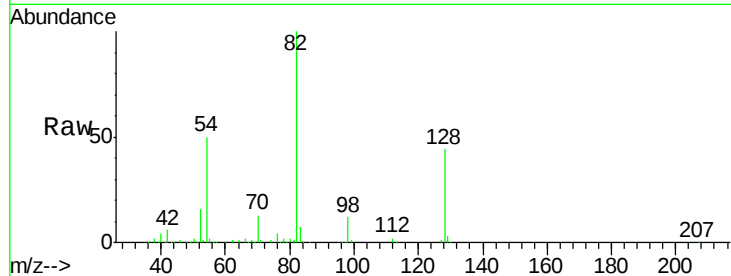




#23
 Nitrobenzene-d5
 Concen: 72.74 ng
 RT: 7.79 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF077980.D
 Acq: 26 Mar 2015 6:26

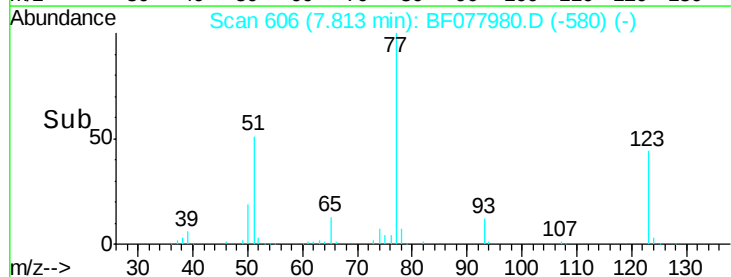
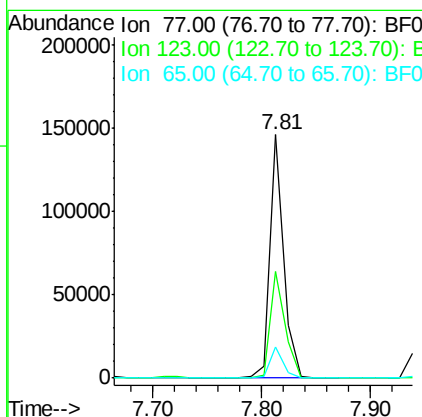
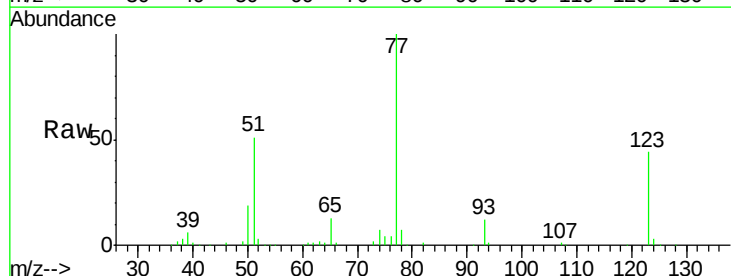
Instrument :
 BNA_F
 ClientSampleId :
 MW-10-3-23-15MSD

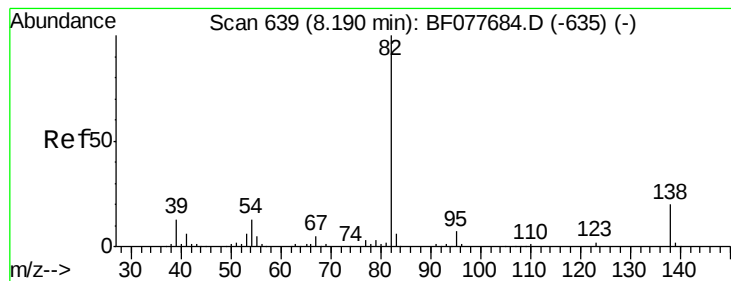
Tot Ion	82	Resp	238155
Ion Ratio	100	Lower	Upper
128	43.6	32.8	49.2
54	49.6	40.6	60.8



#24
 Nitrobenzene
 Concen: 36.46 ng
 RT: 7.81 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF077980.D
 Acq: 26 Mar 2015 6:26

Tgt Ion	77	Resp	128595
Ion Ratio	100	Lower	Upper
123	43.9	32.6	49.0
65	12.7	10.9	16.3





#25

Isophorone

Concen: 34.47 ng

RT: 8.11 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

Instrument :

BNA_F

ClientSampleId :

MW-10-3-23-15MSD

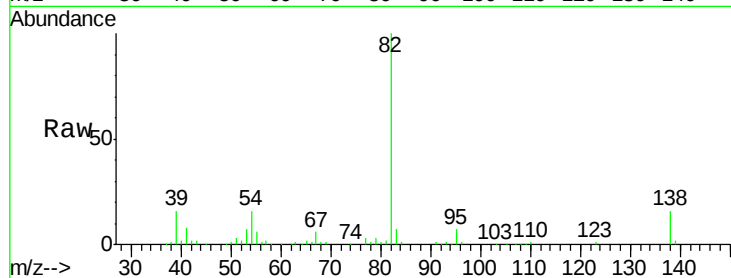
Tot Ion: 82 Resp: 227919

Ion Ratio Lower Upper

82 100

95 6.6 5.8 8.6

138 15.7 16.3 24.5#

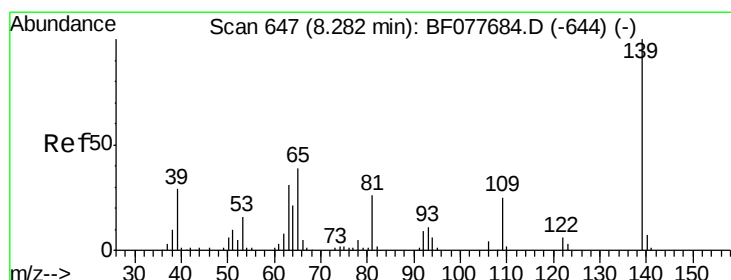
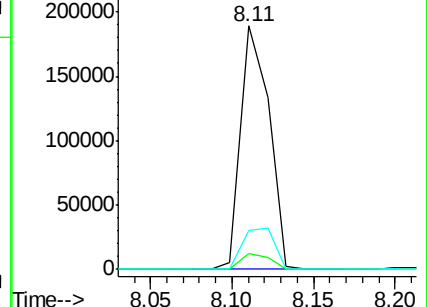
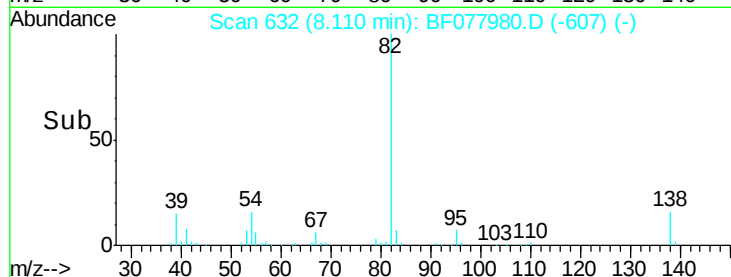


Abundance Ion 82.00 (81.70 to 82.70): BF077684.D (-635) (-)

Ion 95.00 (94.70 to 95.70): BF077684.D (-635) (-)

Ion 138.00 (137.70 to 138.70): BF077684.D (-635) (-)

Time-->



#26

2-Nitrophenol

Concen: 35.33 ng

RT: 8.21 min Scan# 641

Delta R.T. -0.00 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

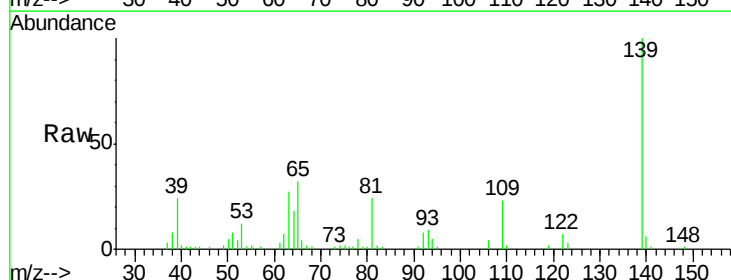
Tgt Ion: 139 Resp: 61002

Ion Ratio Lower Upper

139 100

109 23.5 20.1 30.1

65 32.0 31.5 47.3

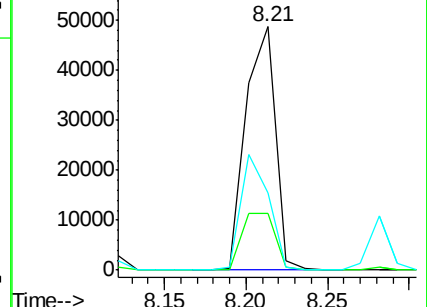
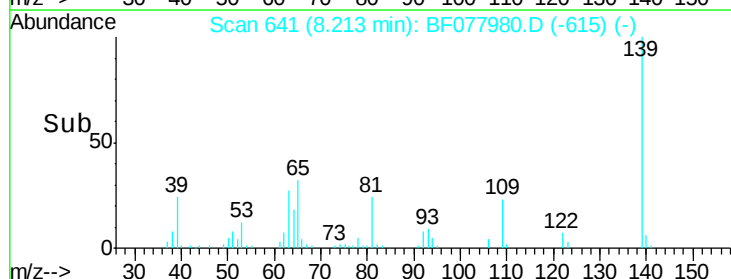


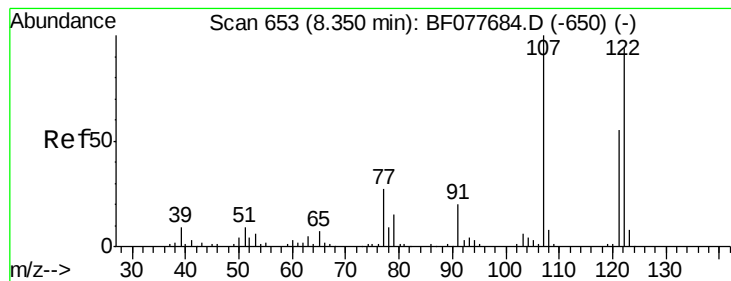
Abundance Ion 139.00 (138.70 to 139.70): BF077684.D (-644) (-)

Ion 109.00 (108.70 to 109.70): BF077684.D (-644) (-)

Ion 65.00 (64.70 to 65.70): BF077684.D (-644) (-)

Time-->





#27

2,4-Dimethylphenol

Concen: 31.21 ng

RT: 8.28 min Scan# 647

Delta R.T. -0.00 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

Instrument :

BNA_F

ClientSampleId :

MW-10-3-23-15MSD

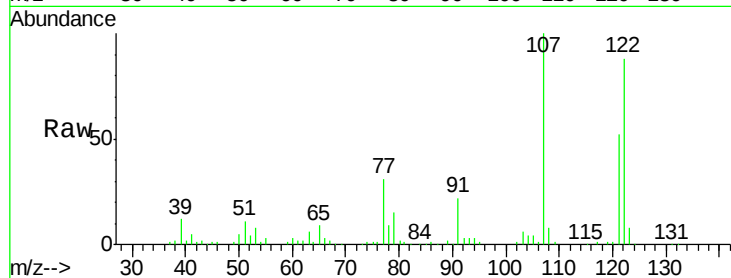
Tot Ion:122 Resp: 98195

Ion Ratio Lower Upper

122 100

107 113.8 84.7 127.1

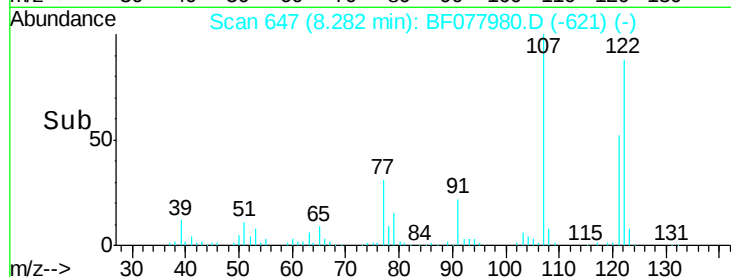
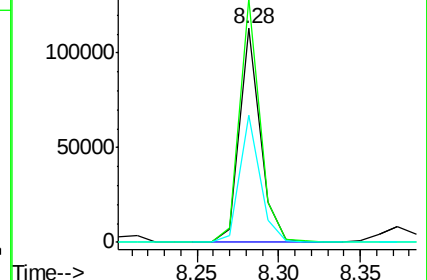
121 59.2 46.6 69.8



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: 35.10 ng

RT: 8.40 min Scan# 657

Delta R.T. -0.00 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

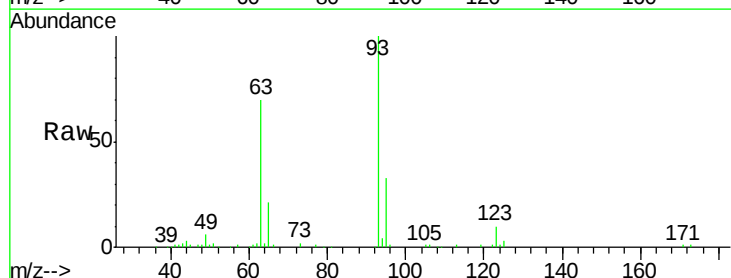
Tgt Ion: 93 Resp: 140862

Ion Ratio Lower Upper

93 100

95 33.5 25.5 38.3

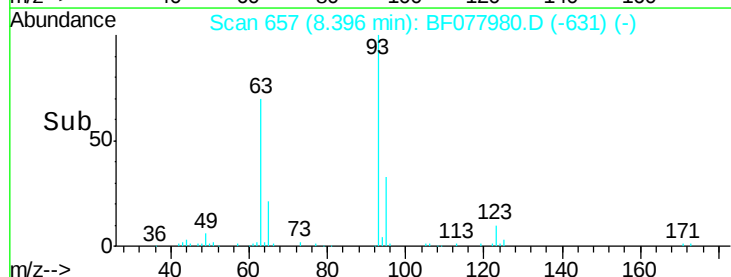
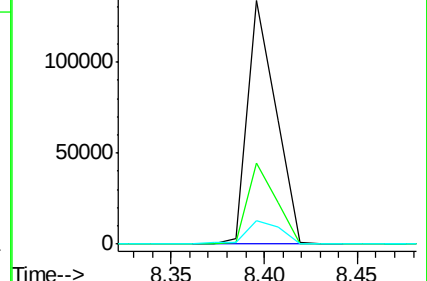
123 9.9 8.6 13.0

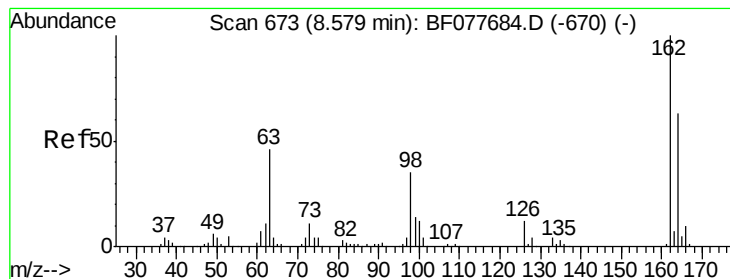


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 33.05 ng

RT: 8.51 min Scan# 667

Delta R.T. -0.00 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

Instrument :

BNA_F

ClientSampleId :

MW-10-3-23-15MSD

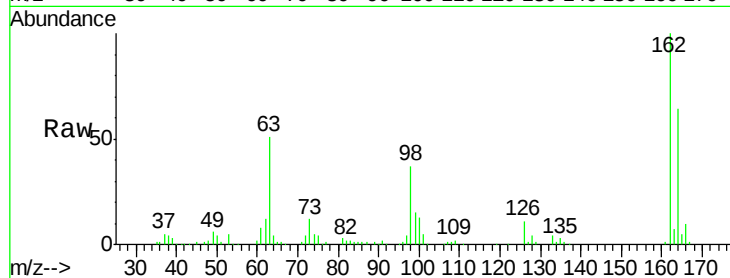
Tot Ion:162 Resp: 99108

Ion Ratio Lower Upper

162 100

164 64.0 42.8 82.8

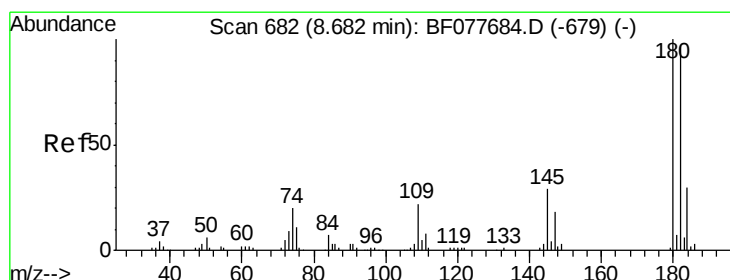
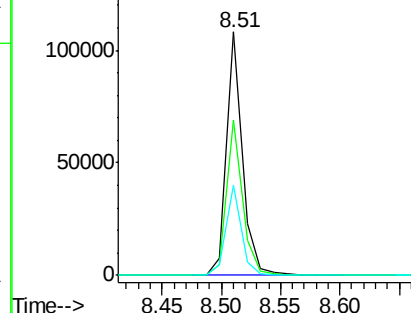
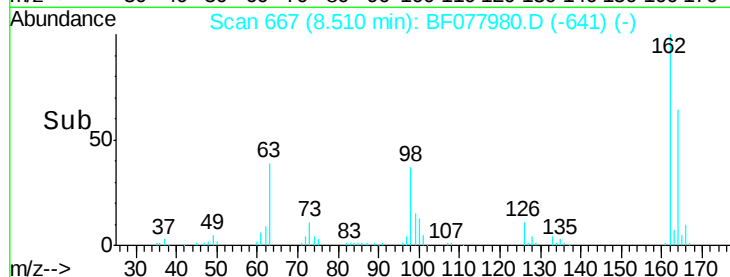
98 37.1 14.5 54.5



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): E



#30

1,2,4-Trichlorobenzene

Concen: 31.84 ng

RT: 8.60 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

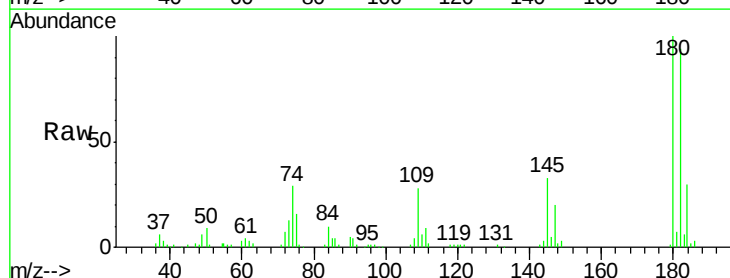
Tgt Ion:180 Resp: 106809

Ion Ratio Lower Upper

180 100

182 94.2 77.6 116.4

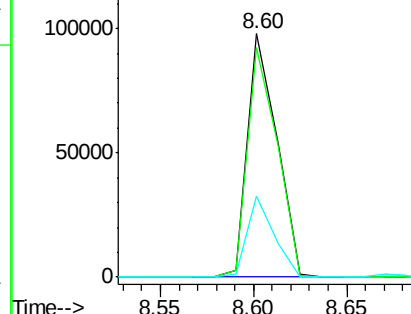
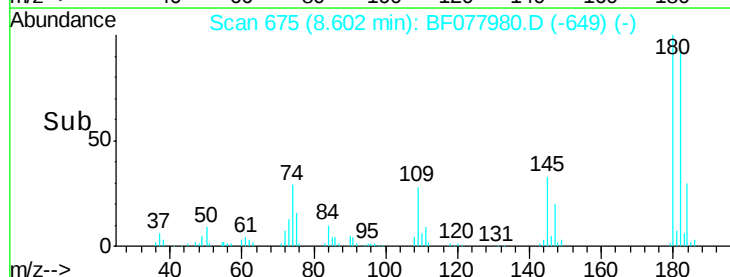
145 33.1 23.4 35.2

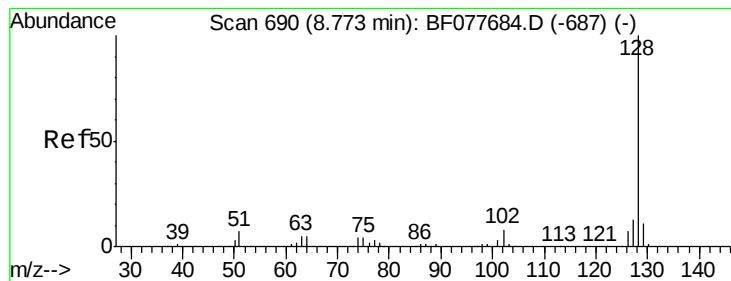


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 32.13 ng

RT: 8.69 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

Instrument :

BNA_F

ClientSampleId :

MW-10-3-23-15MSD

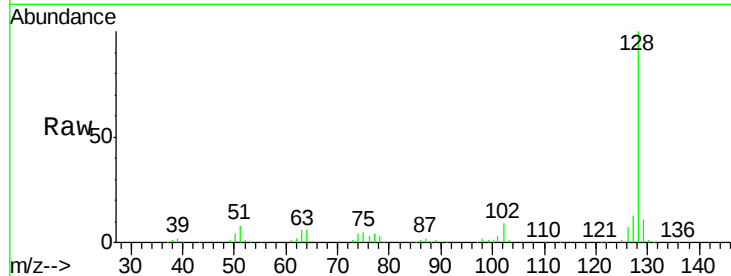
Tot Ion:128 Resp: 354154

Ion Ratio Lower Upper

128 100

129 11.5 8.9 13.3

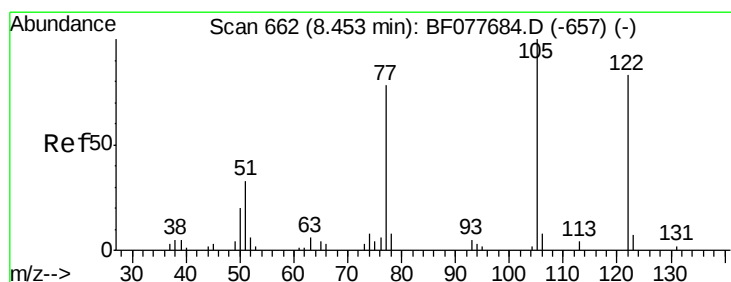
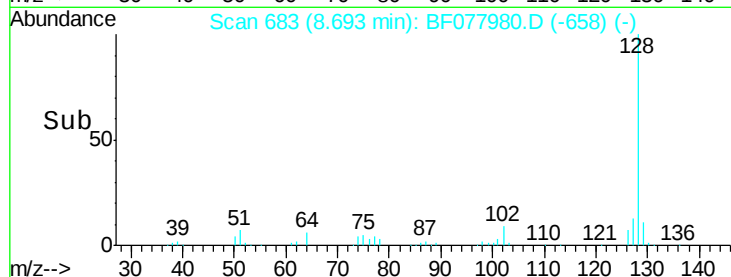
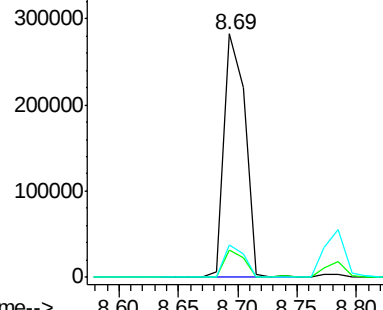
127 13.3 10.4 15.6



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: 11.65 ng

RT: 8.37 min Scan# 655

Delta R.T. -0.03 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

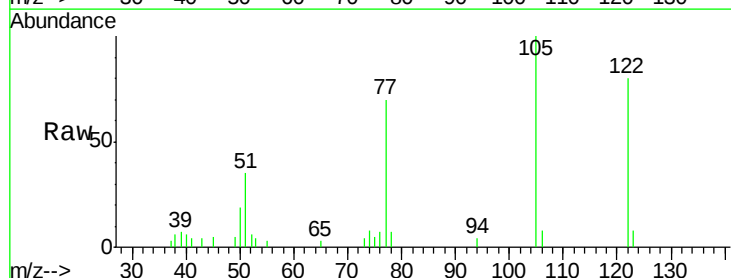
Tgt Ion:122 Resp: 16050

Ion Ratio Lower Upper

122 100

105 125.6 99.9 139.9

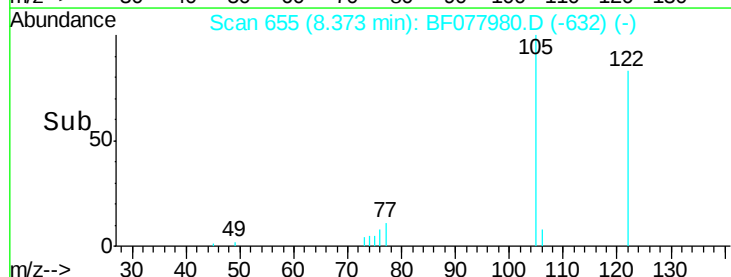
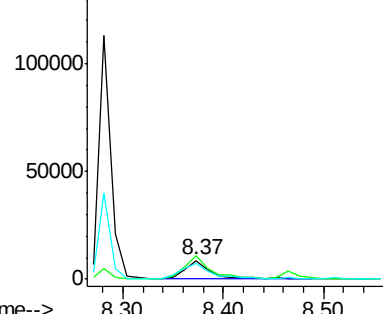
77 87.7 73.7 113.7

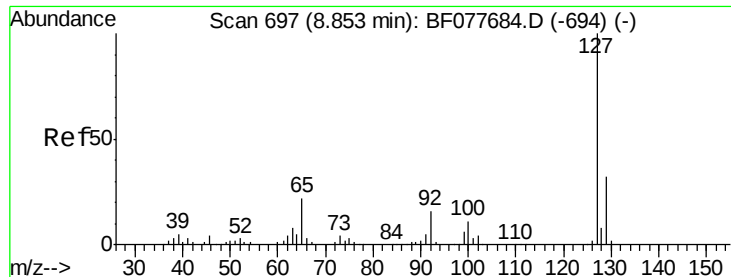


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

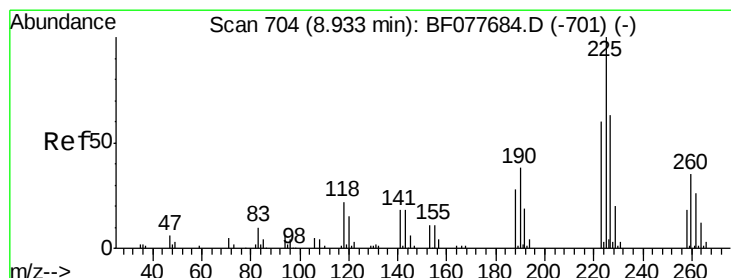
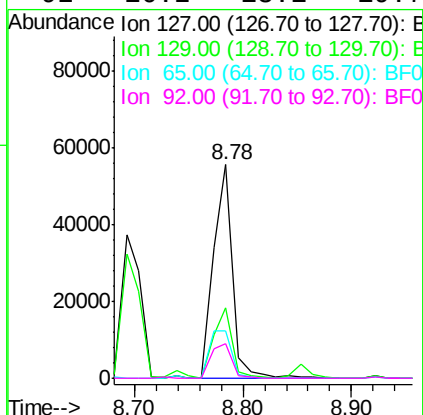
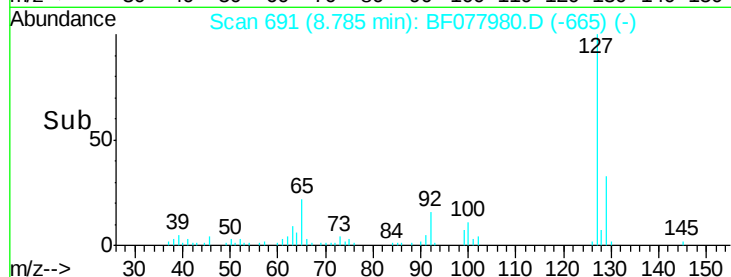
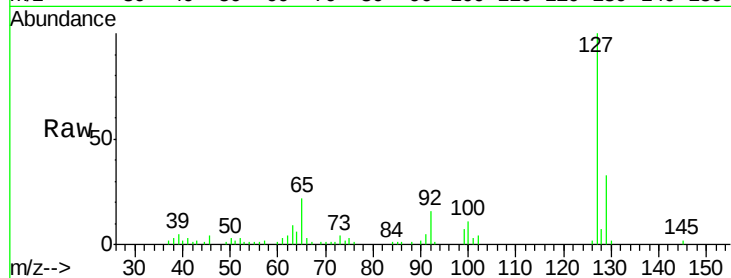




#33
4-Chloroaniline
Concen: 15.24 ng
RT: 8.78 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF077980.D
Acq: 26 Mar 2015 6:26

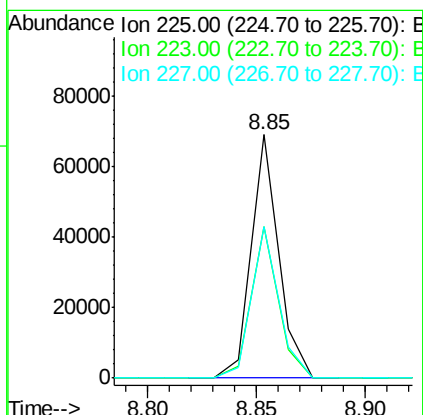
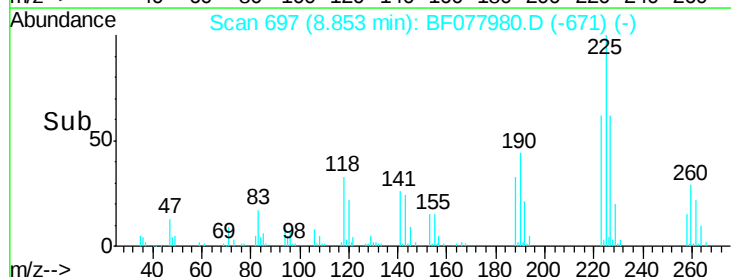
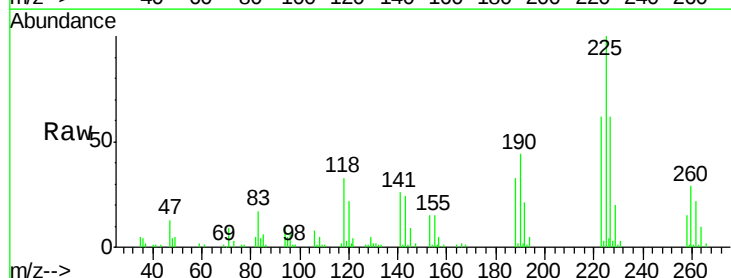
Instrument :
BNA_F
ClientSampleId :
MW-10-3-23-15MSD

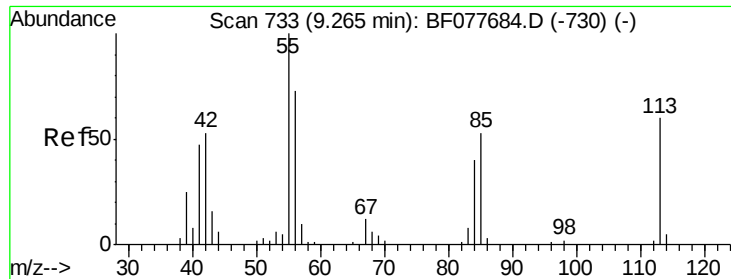
Tot Ion:	127	Resp:	68161
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.3	37.9
65	22.2	17.6	26.4
92	16.2	13.1	19.7



#34
Hexachlorobutadiene
Concen: 31.80 ng
RT: 8.85 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF077980.D
Acq: 26 Mar 2015 6:26

Tgt Ion:	225	Resp:	60474
Ion	Ratio	Lower	Upper
225	100		
223	62.0	47.9	71.9
227	62.1	50.1	75.1

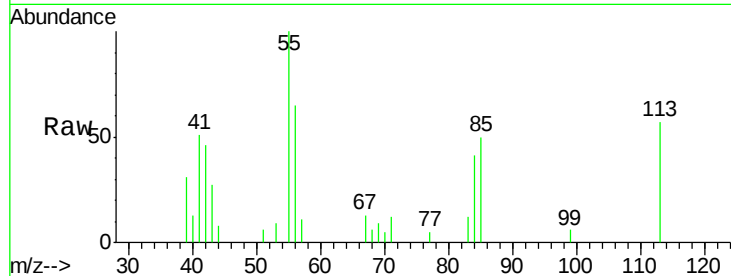




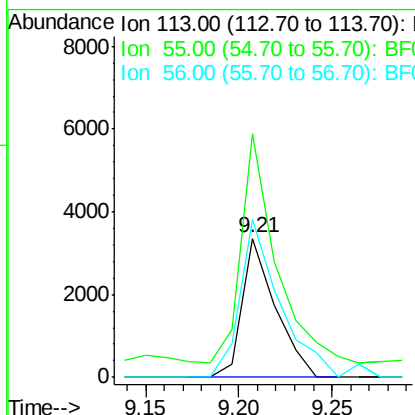
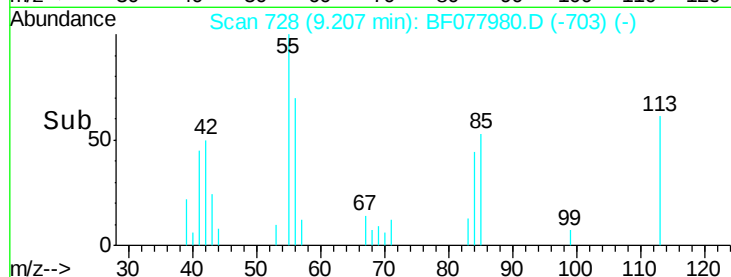
#35
Caprolactam
Concen: 4.77 ng
RT: 9.21 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF077980.D
Acq: 26 Mar 2015 6:26

Instrument :
BNA_F
ClientSampleId :
MW-10-3-23-15MSD

Tot Ion:113 Resp: 4182
Ion Ratio Lower Upper
113 100
55 175.2 145.9 185.9
56 113.8 101.0 141.0

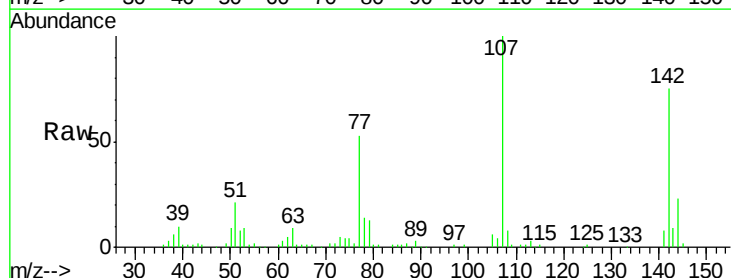


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

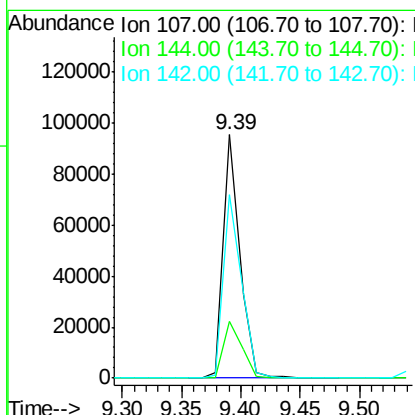
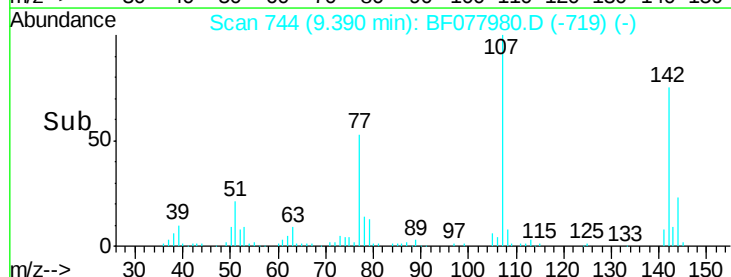


#36
4-Chloro-3-methylphenol
Concen: 30.68 ng
RT: 9.39 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF077980.D
Acq: 26 Mar 2015 6:26

Tgt Ion:107 Resp: 92566
Ion Ratio Lower Upper
107 100
144 23.2 23.3 34.9#
142 75.2 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: 34.09 ng

RT: 9.56 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

Instrument :

BNA_F

ClientSampleId :

MW-10-3-23-15MSD

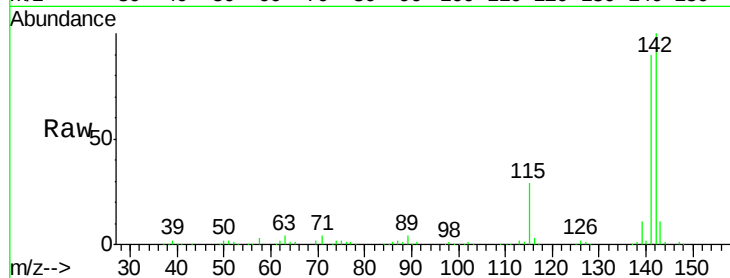
Tot Ion:142 Resp: 252405

Ion Ratio Lower Upper

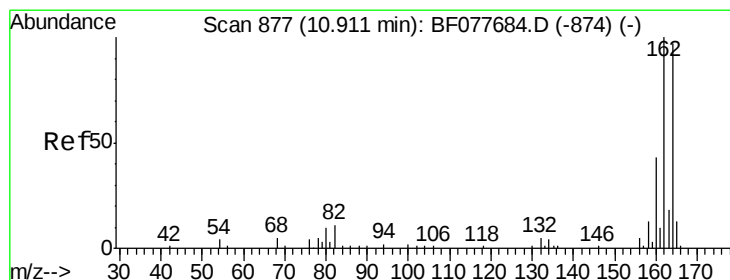
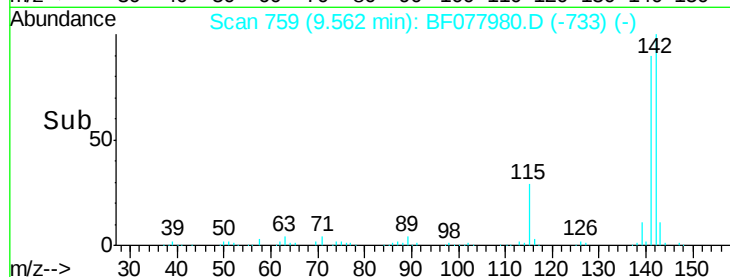
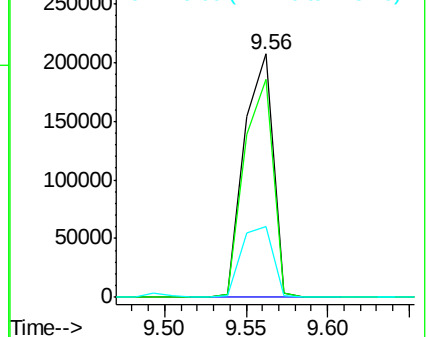
142 100

141 89.5 71.9 107.9

115 29.1 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: 10.84 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

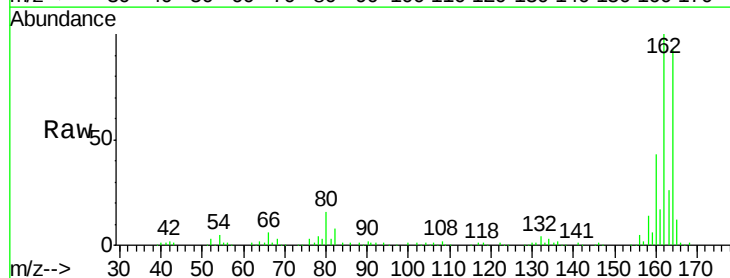
Tgt Ion:164 Resp: 108736

Ion Ratio Lower Upper

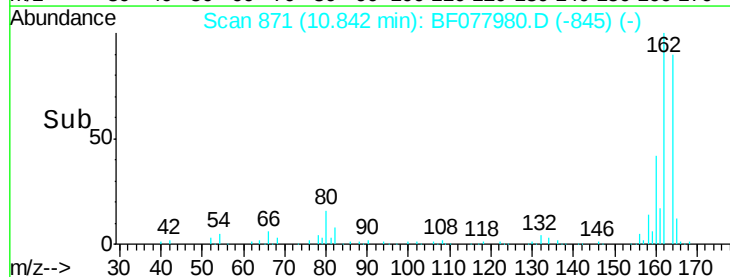
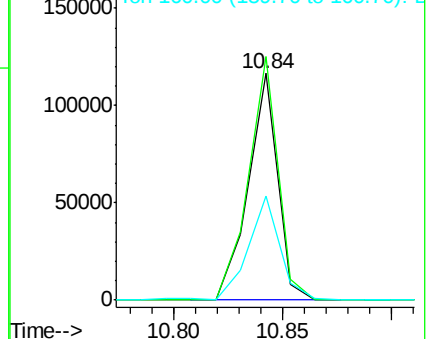
164 100

162 107.3 82.4 123.6

160 46.1 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: 33.32 ng

RT: 9.77 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

Instrument :

BNA_F

ClientSampleId :

MW-10-3-23-15MSD

Tot Ion:216 Resp: 108051

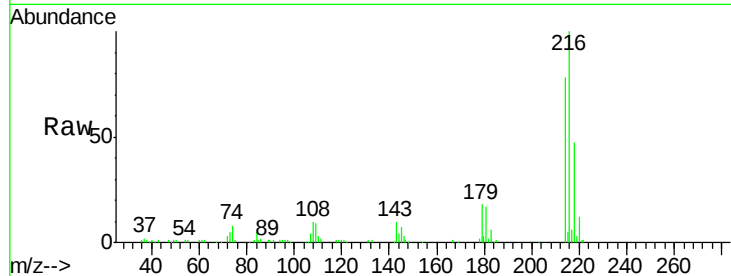
Ion Ratio Lower Upper

216 100

214 79.6 0.0 0.0#

179 21.1 0.0 0.0#

108 20.1 0.0 0.0#

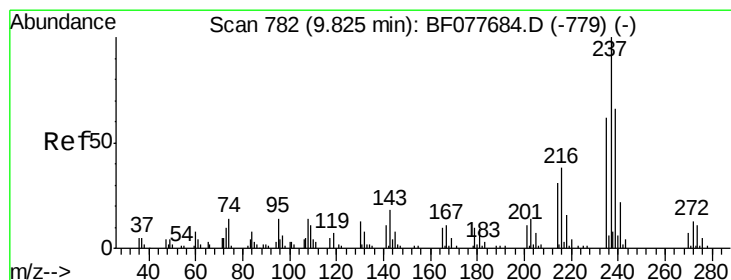
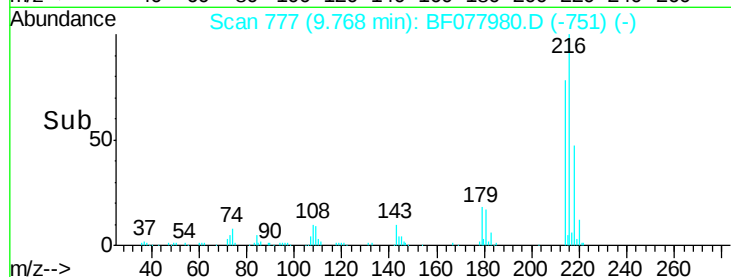
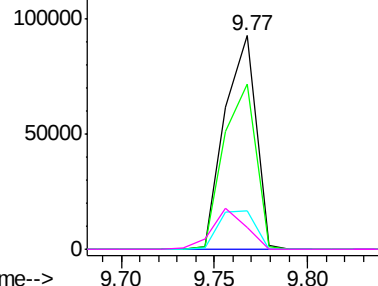


Abundance Ion 216.00 (215.70 to 216.70): E

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: 58.08 ng

RT: 9.74 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

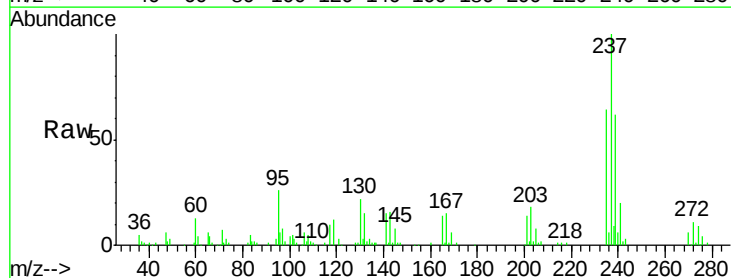
Tgt Ion:237 Resp: 92823

Ion Ratio Lower Upper

237 100

235 63.9 42.0 82.0

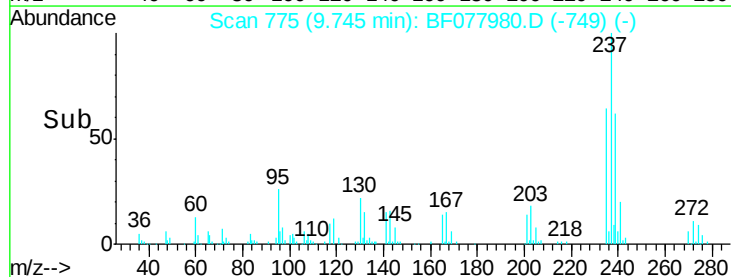
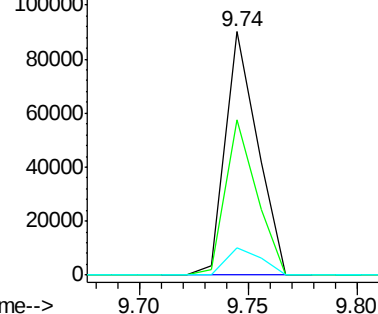
272 11.4 0.0 33.4

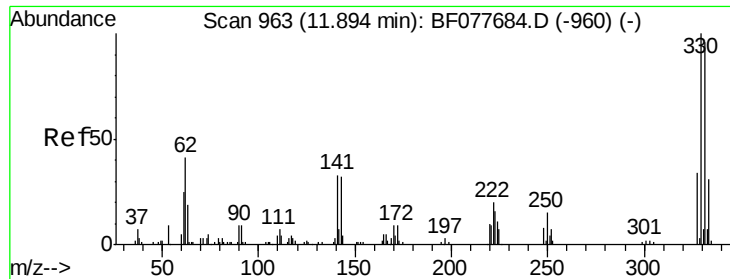


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

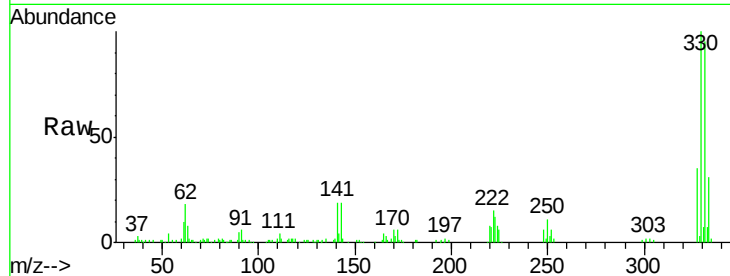




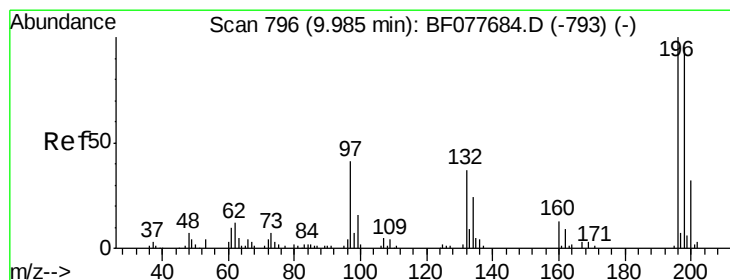
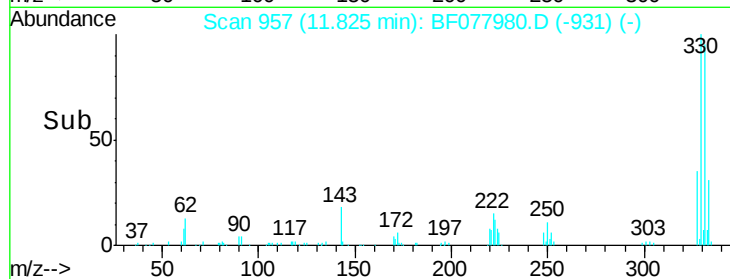
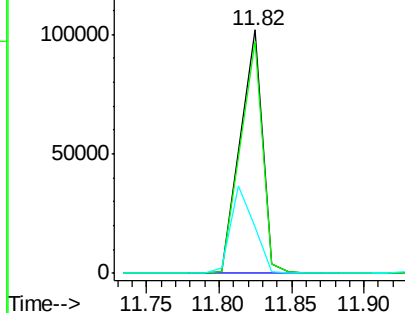
#41
 2,4,6-Tribromophenol
 Concen: 104.80 ng
 RT: 11.82 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: BF077980.D
 Acq: 26 Mar 2015 6:26

Instrument :
 BNA_F
 ClientSampleId :
 MW-10-3-23-15MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	0.0	0.0#
141	37.5	0.0	0.0#

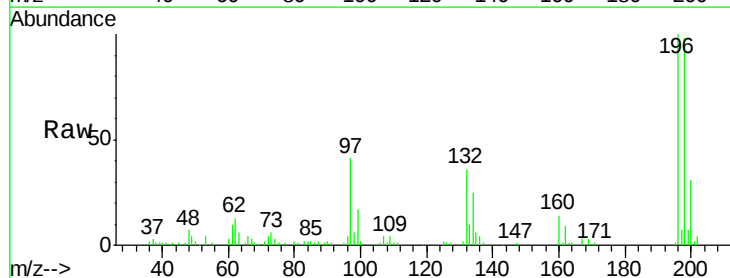


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

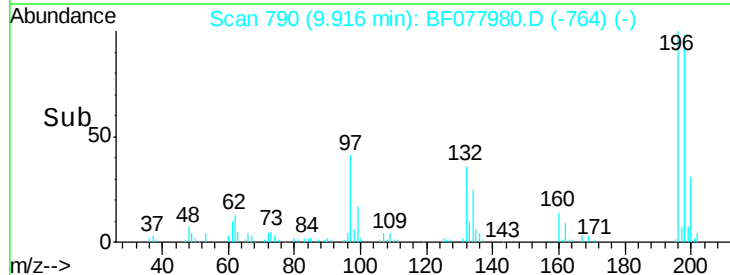
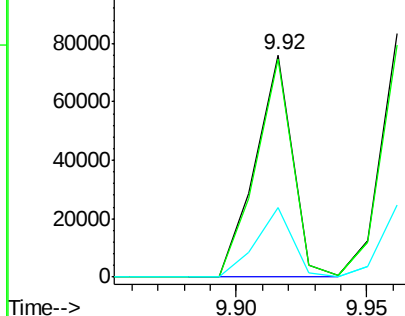


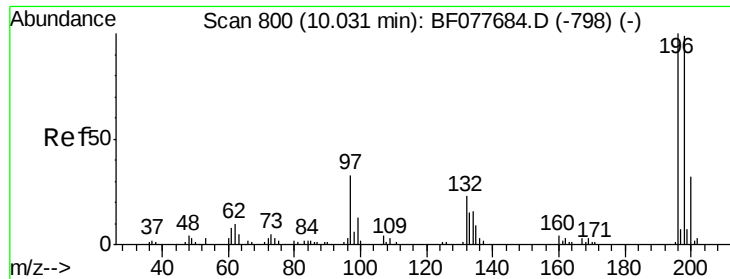
#42
 2,4,6-Trichlorophenol
 Concen: 33.44 ng
 RT: 9.92 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF077980.D
 Acq: 26 Mar 2015 6:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.0	76.3	114.5
200	31.2	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

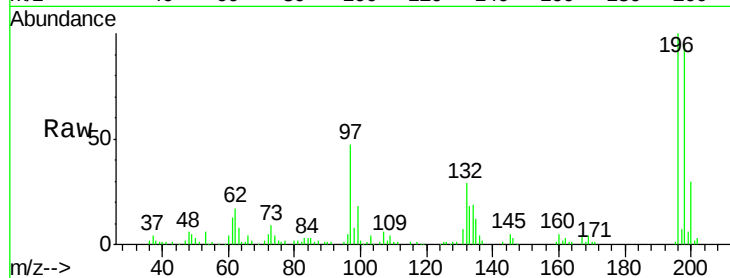




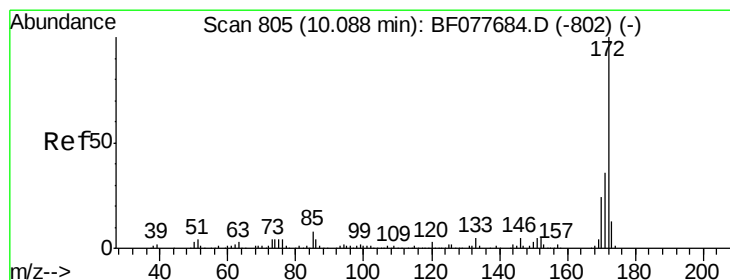
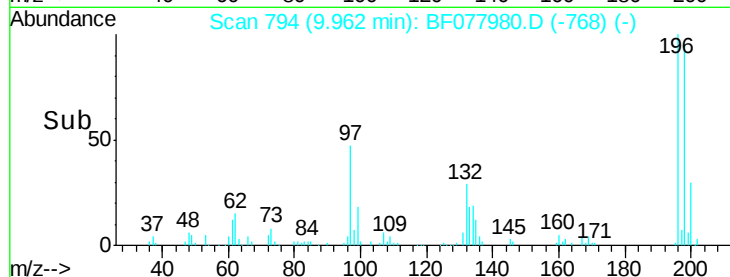
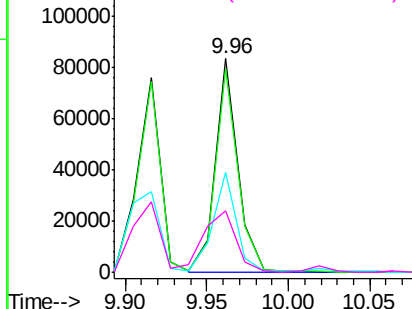
#43
 2,4,5-Trichlorophenol
 Concen: 32.90 ng
 RT: 9.96 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF077980.D
 Acq: 26 Mar 2015 6:26

Instrument :
 BNA_F
 ClientSampleId :
 MW-10-3-23-15MSD

Tot Ion:	196	Resp:	79838
Ion	Ratio	Lower	Upper
196	100		
198	95.4	79.4	119.0
97	47.1	26.8	40.2#
132	28.9	18.6	28.0#

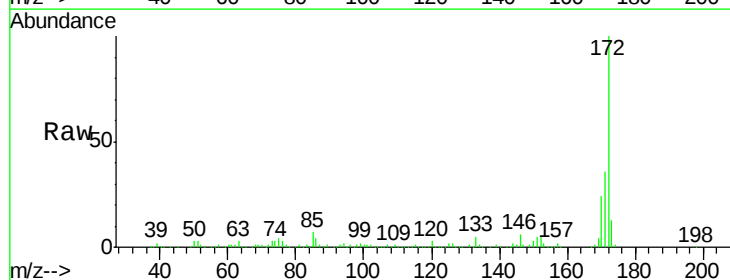


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

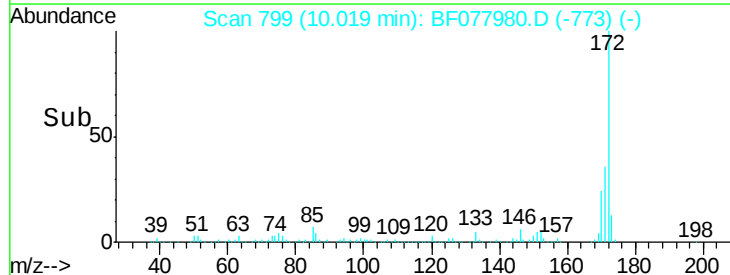
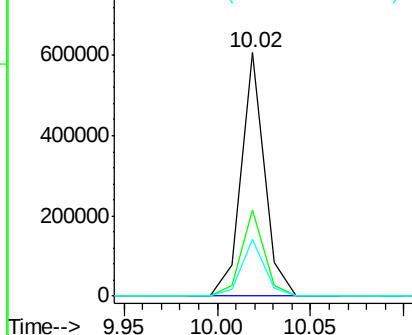


#44
 2-Fluorobiphenyl
 Concen: 71.17 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF077980.D
 Acq: 26 Mar 2015 6:26

Tgt Ion:	172	Resp:	526581
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	23.5	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

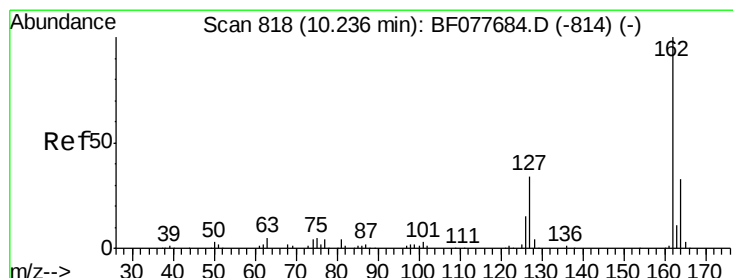
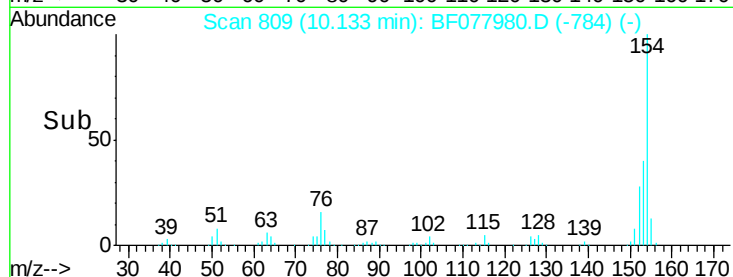
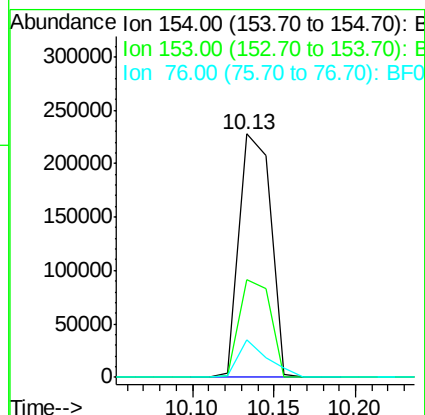
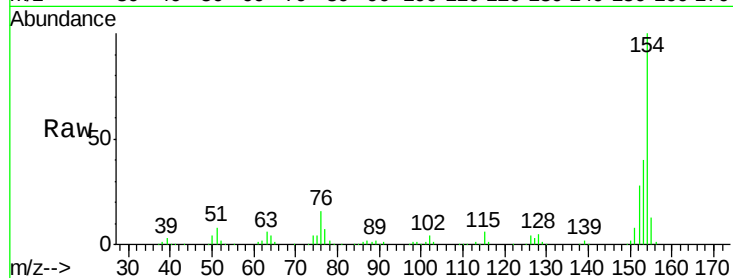




#45
 1,1'-Biphenyl
 Concen: 34.90 ng
 RT: 10.13 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF077980.D
 Acq: 26 Mar 2015 6:26

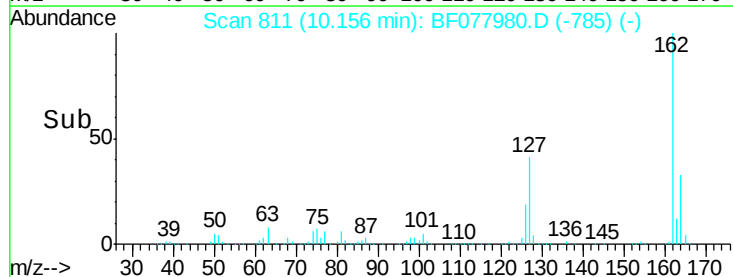
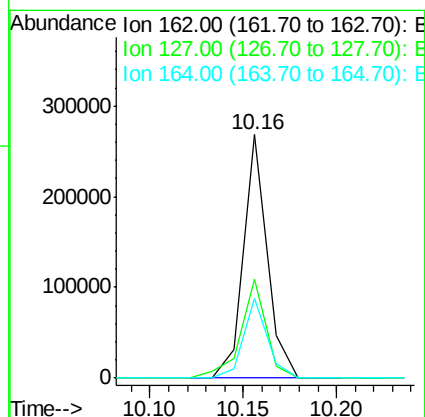
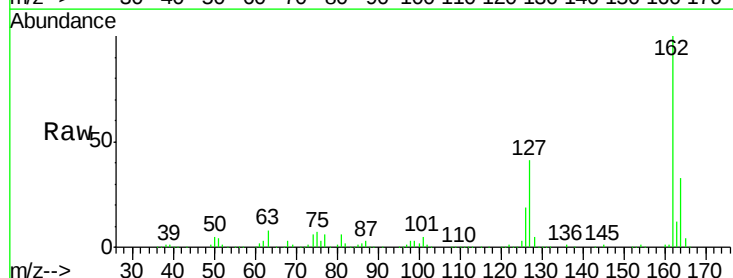
Instrument :
 BNA_F
 ClientSampleId :
 MW-10-3-23-15MSD

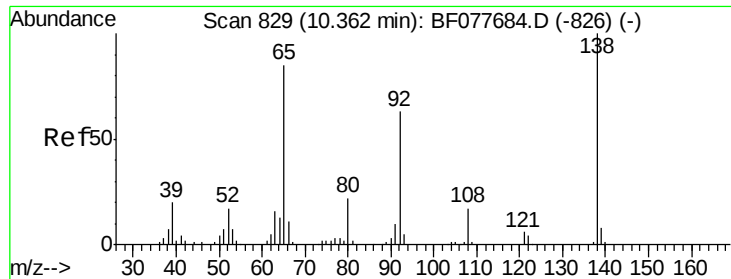
Tot Ion:154 Resp: 303379
 Ion Ratio Lower Upper
 154 100
 153 40.1 20.7 60.7
 76 15.6 0.0 30.9



#46
 2-Chloronaphthalene
 Concen: 33.66 ng
 RT: 10.16 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF077980.D
 Acq: 26 Mar 2015 6:26

Tgt Ion:162 Resp: 237777
 Ion Ratio Lower Upper
 162 100
 127 40.5 26.9 40.3#
 164 32.6 26.8 40.2

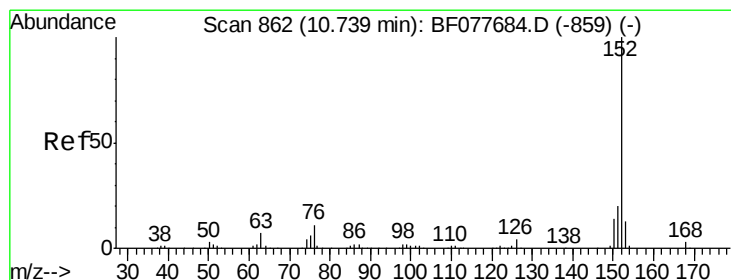
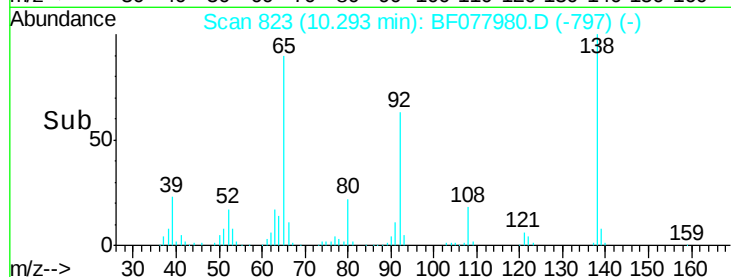
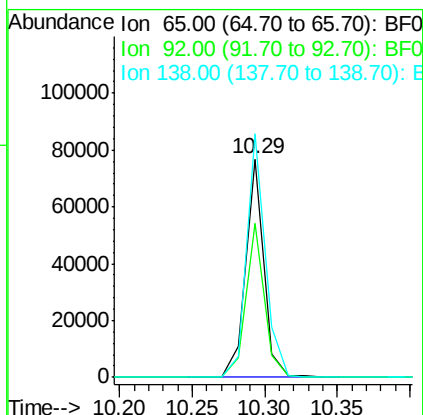
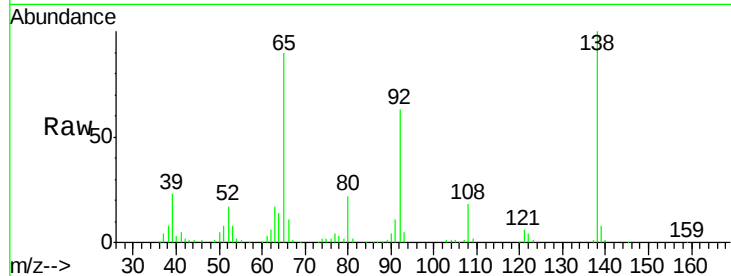




#47
2-Nitroaniline
Concen: 37.89 ng
RT: 10.29 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF077980.D
Acq: 26 Mar 2015 6:26

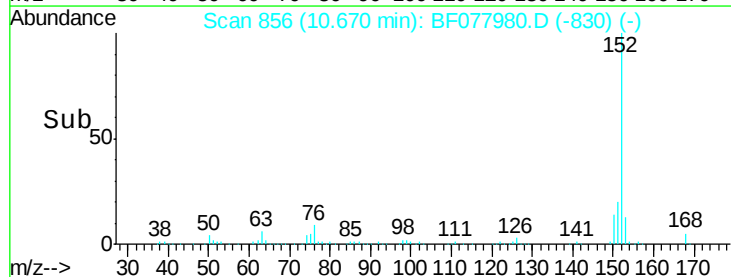
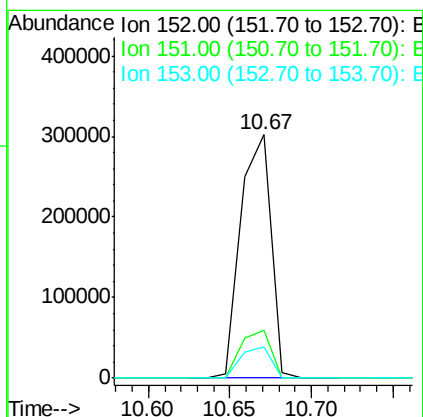
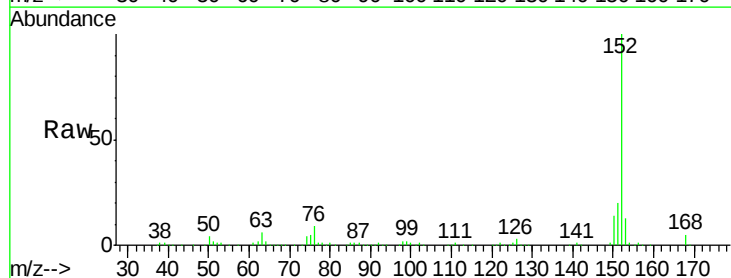
Instrument :
BNA_F
ClientSampleId :
MW-10-3-23-15MSD

Tot Ion: 65 Resp: 66481
Ion Ratio Lower Upper
65 100
92 70.9 59.1 88.7
138 111.7 93.9 140.9



#48
Acenaphthylene
Concen: 32.96 ng
RT: 10.67 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF077980.D
Acq: 26 Mar 2015 6:26

Tgt Ion: 152 Resp: 387144
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 12.6 10.6 16.0





#49

Dimethylphthalate

Concen: 37.16 ng

RT: 10.53 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

Instrument :

BNA_F

ClientSampleId :

MW-10-3-23-15MSD

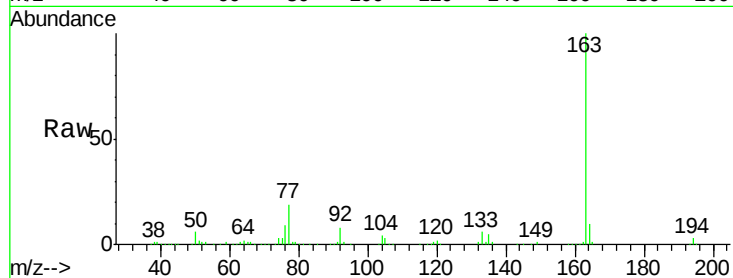
Tot Ion:163 Resp: 299655

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

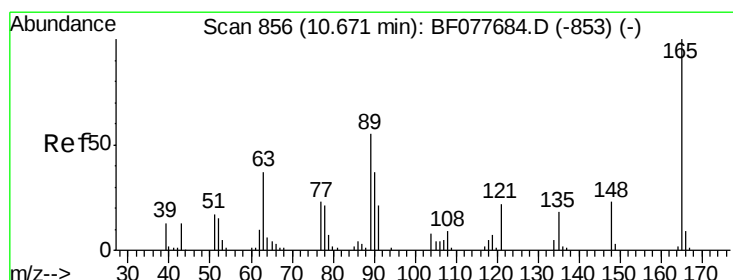
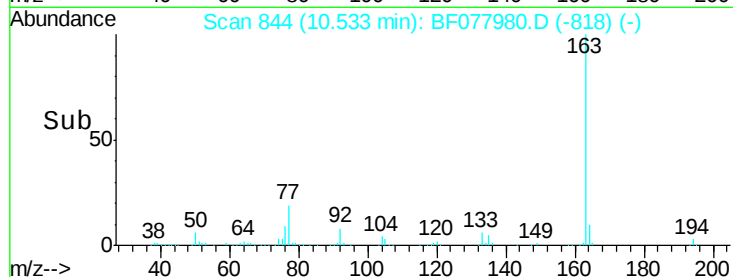
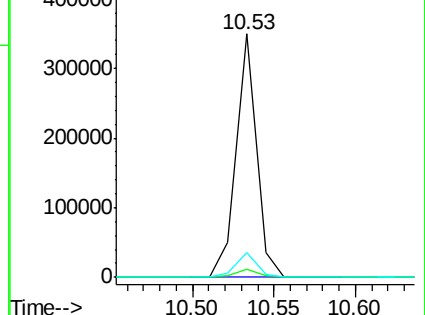
164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 37.53 ng

RT: 10.60 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

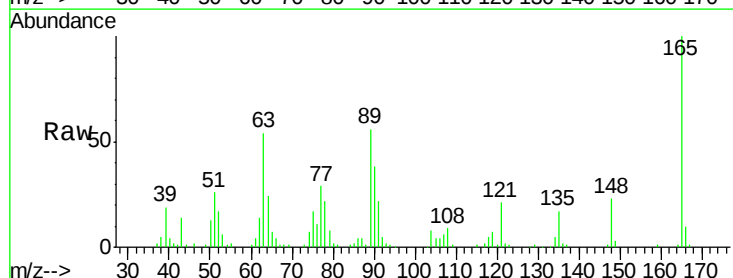
Tgt Ion:165 Resp: 62742

Ion Ratio Lower Upper

165 100

63 54.1 44.1 66.1

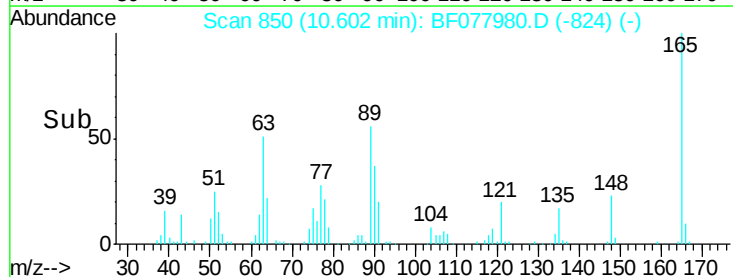
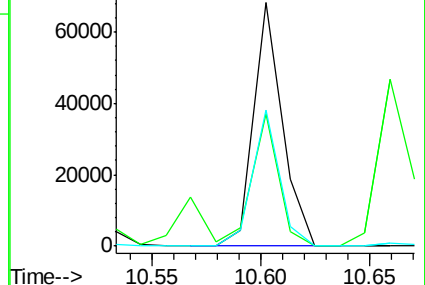
89 56.1 44.3 66.5

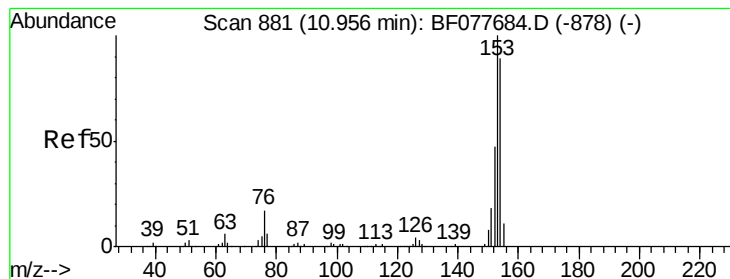


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 32.34 ng

RT: 10.88 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

Instrument :

BNA_F

ClientSampleId :

MW-10-3-23-15MSD

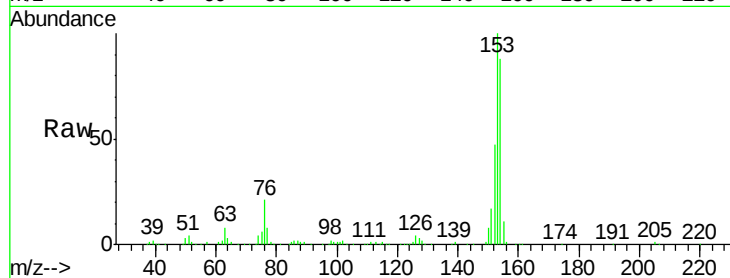
Tot Ion:154 Resp: 217839

Ion Ratio Lower Upper

154 100

153 113.4 90.0 135.0

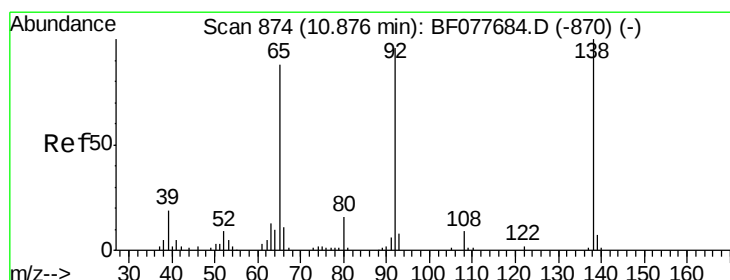
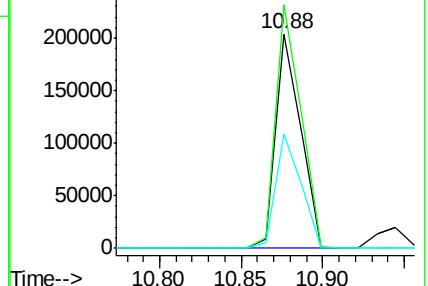
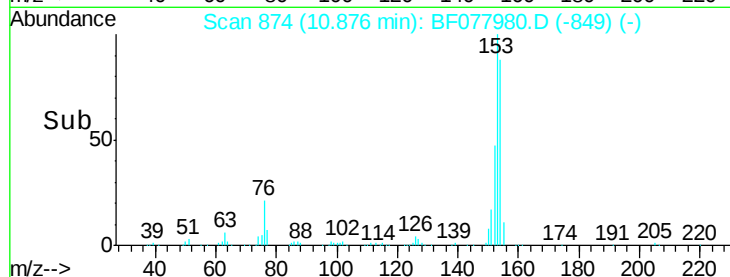
152 53.4 42.6 63.8



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: 16.96 ng

RT: 10.81 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

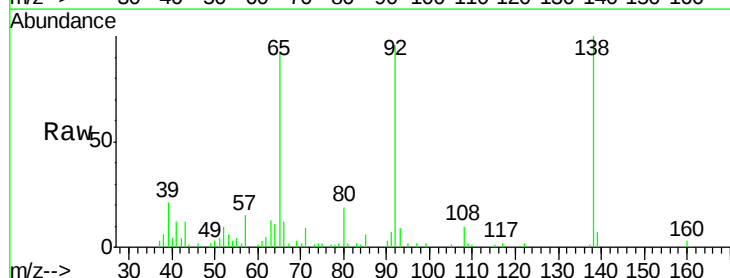
Tgt Ion:138 Resp: 32922

Ion Ratio Lower Upper

138 100

108 9.8 7.3 10.9

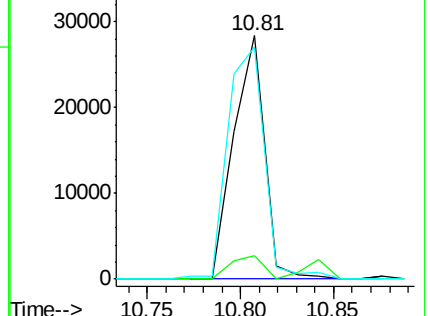
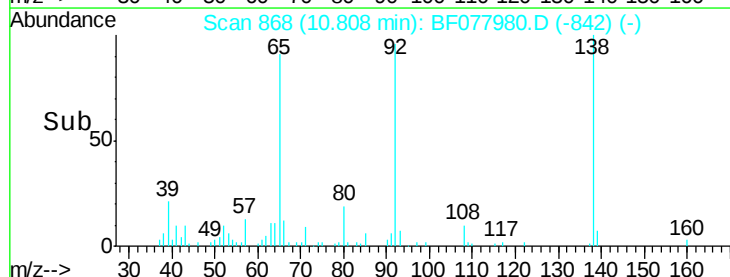
92 95.5 76.6 114.8

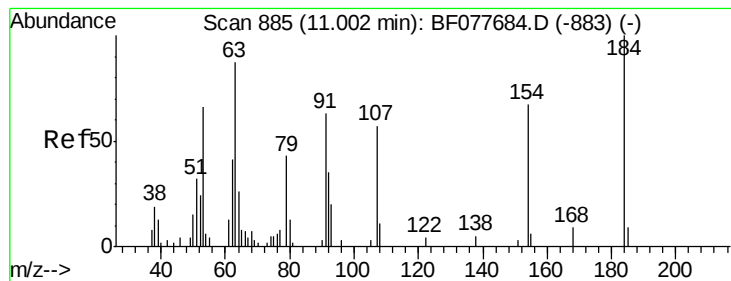


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 70.58 ng

RT: 10.94 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

Instrument :

BNA_F

ClientSampleId :

MW-10-3-23-15MSD

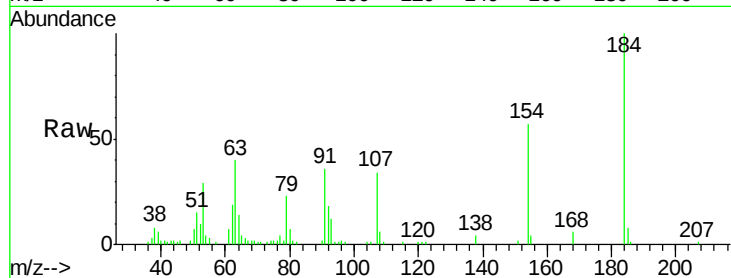
Tot Ion:184 Resp: 42697

Ion Ratio Lower Upper

184 100

63 39.9 69.2 103.8#

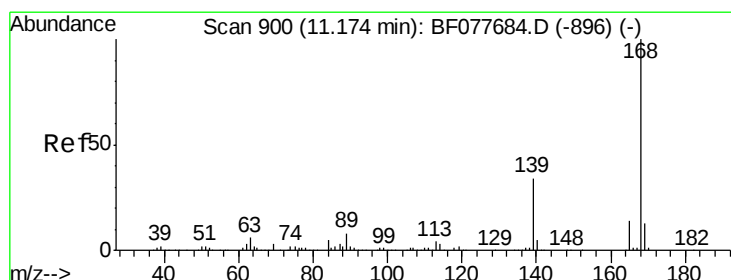
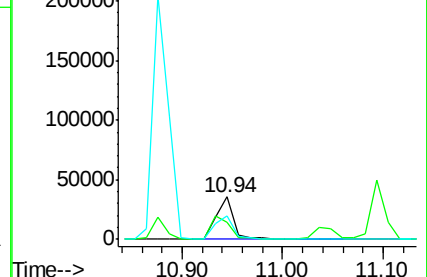
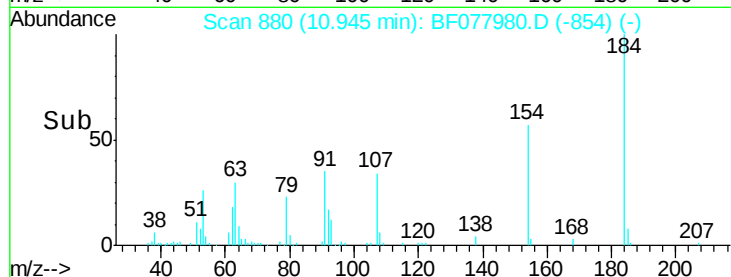
154 57.3 53.3 79.9



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: 33.81 ng

RT: 11.09 min Scan# 893

Delta R.T. -0.00 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

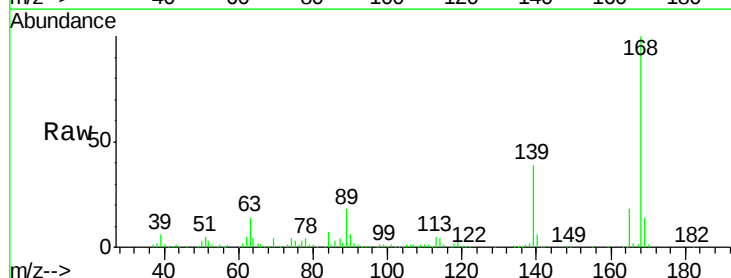
Tgt Ion:168 Resp: 337752

Ion Ratio Lower Upper

168 100

139 38.7 27.3 40.9

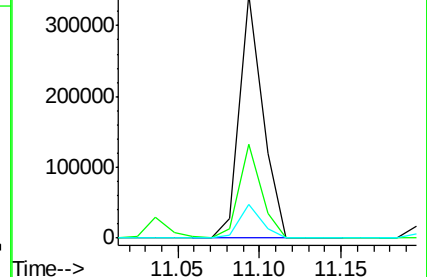
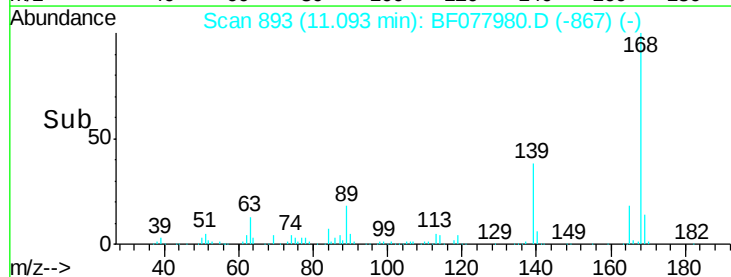
169 13.7 10.6 16.0

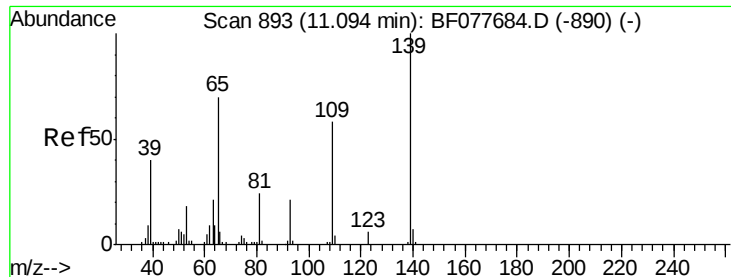


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

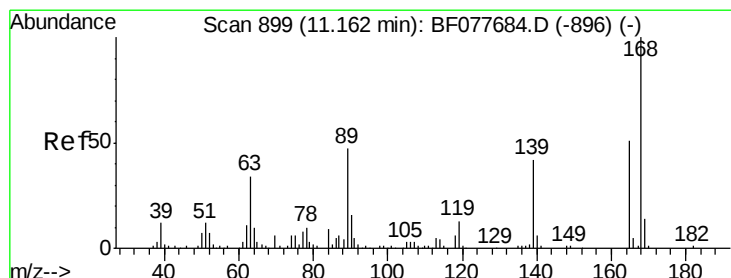
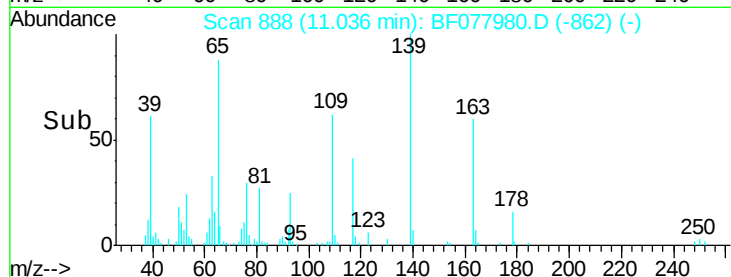
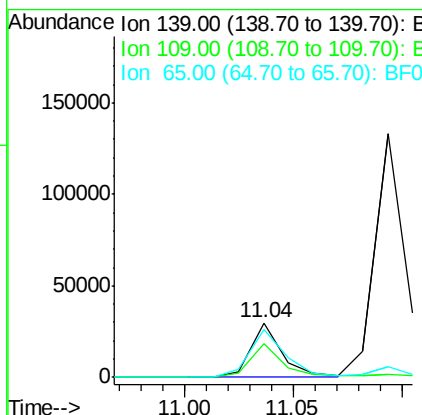
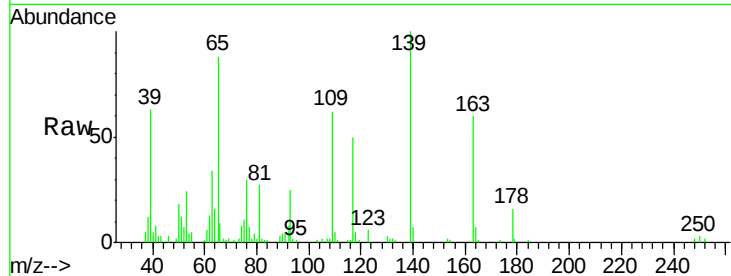




#55
4-Nitrophenol
Concen: 21.13 ng
RT: 11.04 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF077980.D
Acq: 26 Mar 2015 6:26

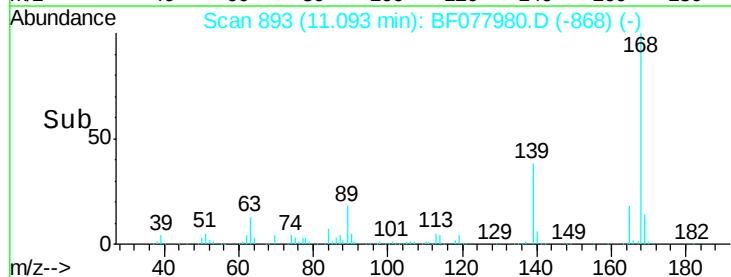
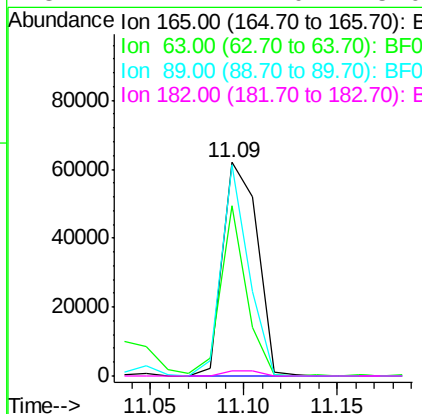
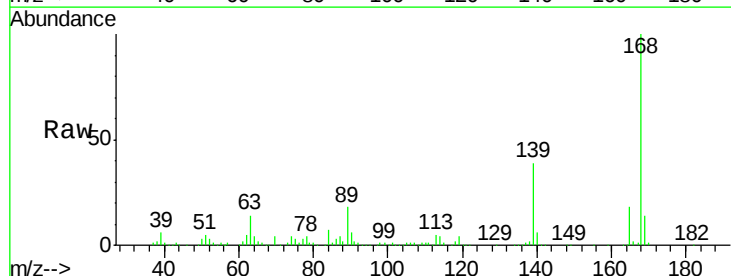
Instrument :
BNA_F
ClientSampleId :
MW-10-3-23-15MSD

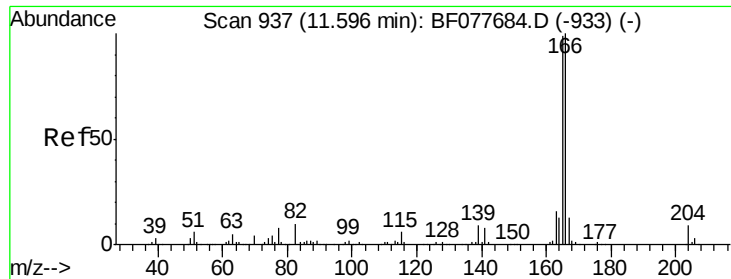
Tot Ion:139 Resp: 30389
Ion Ratio Lower Upper
139 100
109 62.2 37.7 77.7
65 88.2 49.9 89.9



#56
2,4-Dinitrotoluene
Concen: 36.93 ng
RT: 11.09 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF077980.D
Acq: 26 Mar 2015 6:26

Tgt Ion:165 Resp: 80507
Ion Ratio Lower Upper
165 100
63 79.7 52.4 78.6#
89 98.6 72.4 108.6
182 2.4 2.0 3.0

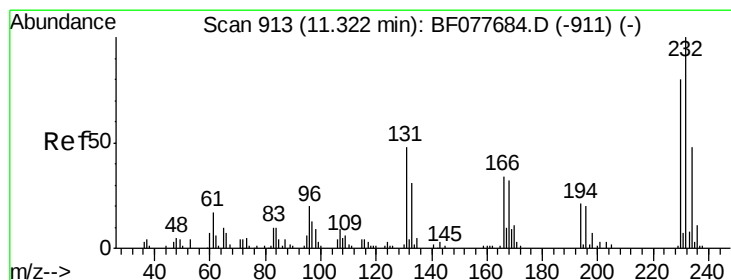
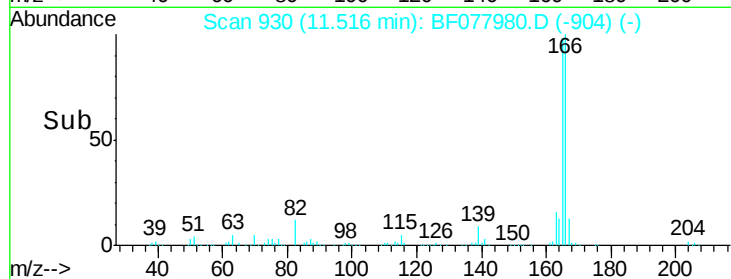
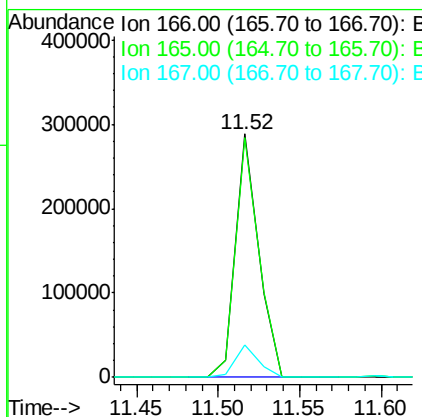
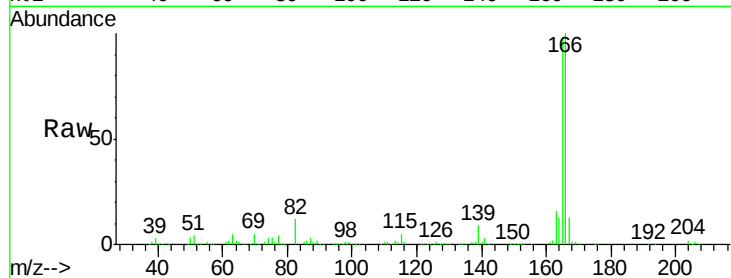




#57
 Fluorene
 Concen: 33.84 ng
 RT: 11.52 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: BF077980.D
 Acq: 26 Mar 2015 6:26

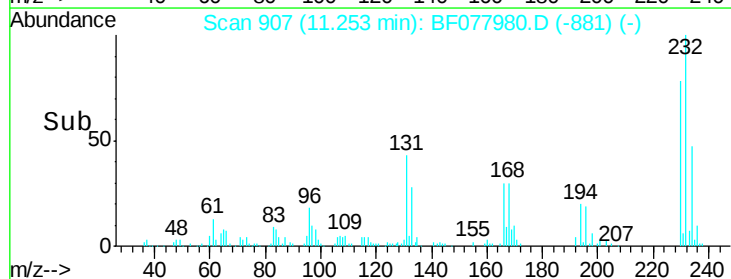
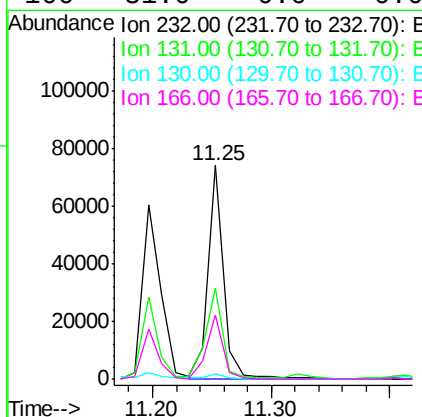
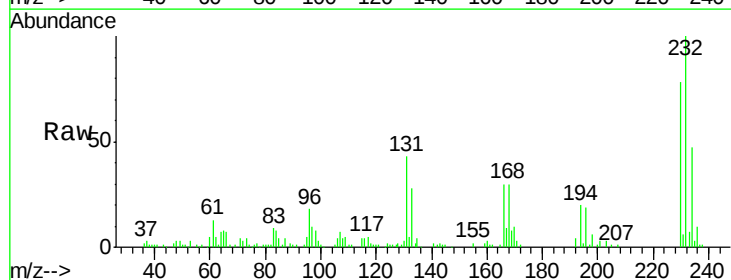
Instrument :
 BNA_F
 ClientSampleId :
 MW-10-3-23-15MSD

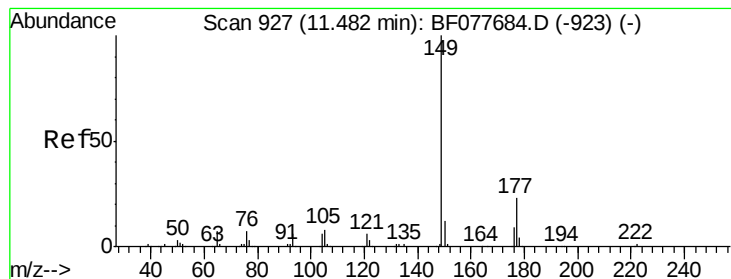
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.0	118.4
167	13.3	10.3	15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.14 ng
 RT: 11.25 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BF077980.D
 Acq: 26 Mar 2015 6:26

Tgt Ion	Ratio	Lower	Upper
232	100		
131	47.3	0.0	0.0#
130	3.0	0.0	0.0#
166	31.0	0.0	0.0#





#59

Diethylphthalate

Concen: 35.50 ng

RT: 11.40 min Scan# 920

Delta R.T. -0.01 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

Instrument :

BNA_F

ClientSampleId :

MW-10-3-23-15MSD

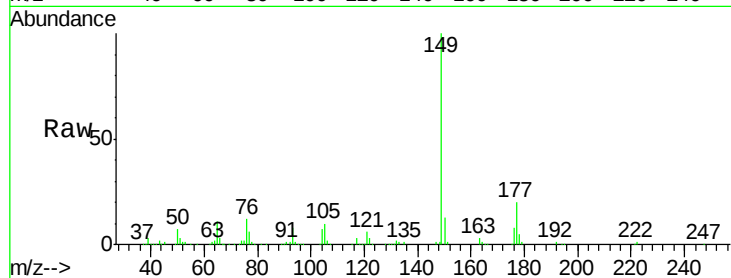
Tot Ion:149 Resp: 278972

Ion Ratio Lower Upper

149 100

177 19.9 18.3 27.5

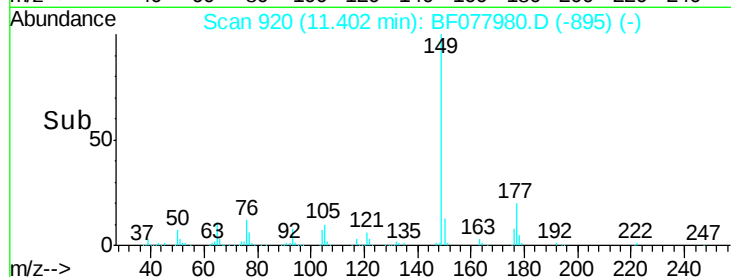
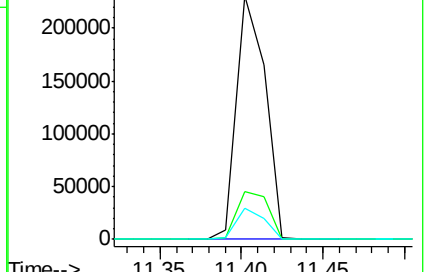
150 12.8 9.8 14.8



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: 33.49 ng

RT: 11.53 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

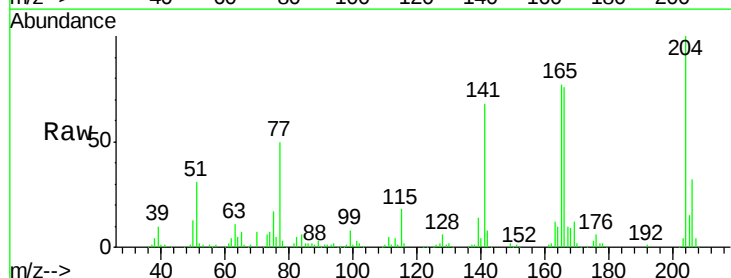
Tgt Ion:204 Resp: 126764

Ion Ratio Lower Upper

204 100

206 32.4 26.6 39.8

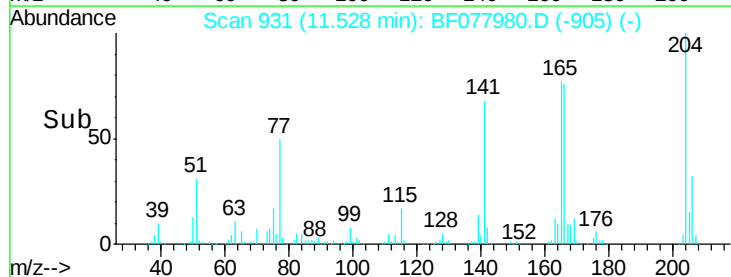
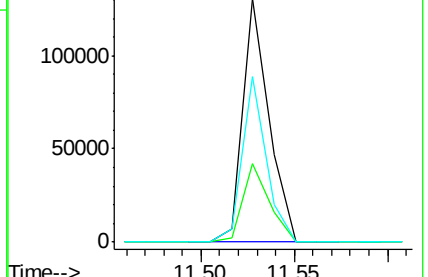
141 67.9 45.2 67.8#

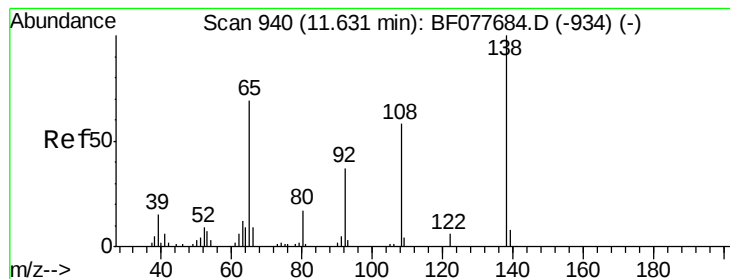


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 29.94 ng

RT: 11.56 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

Instrument :

BNA_F

ClientSampleId :

MW-10-3-23-15MSD

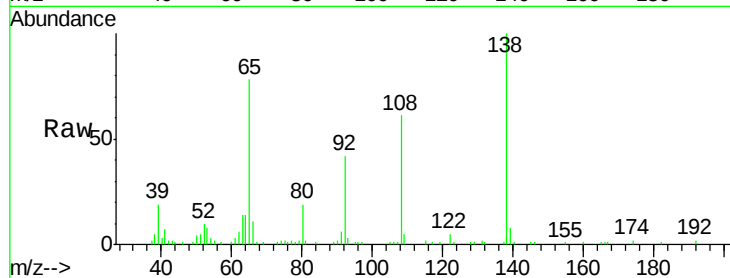
Tot Ion:138 Resp: 57924

Ion Ratio Lower Upper

138 100

92 42.0 16.7 56.7

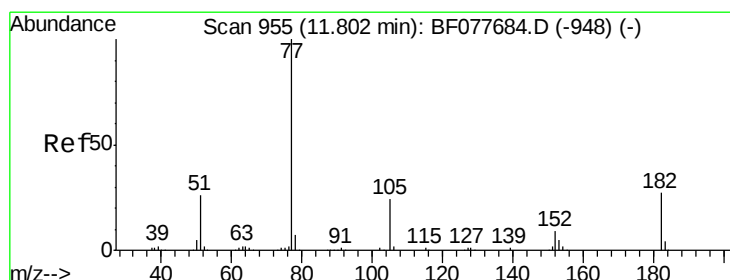
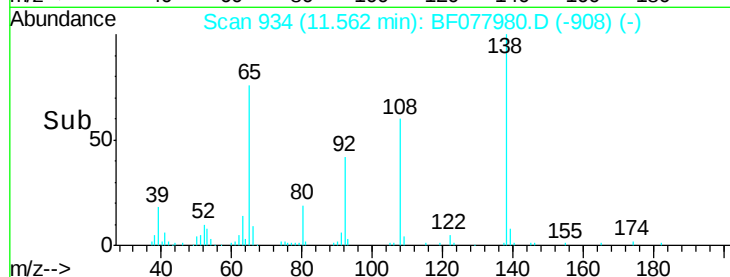
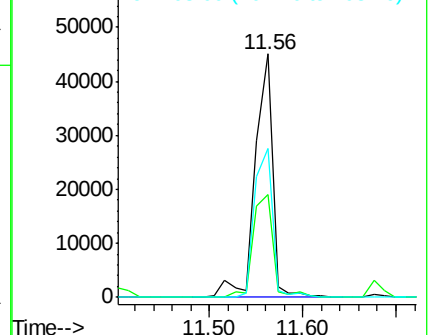
108 61.4 37.6 77.6



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: 34.67 ng

RT: 11.72 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

Tgt Ion: 77 Resp: 260412

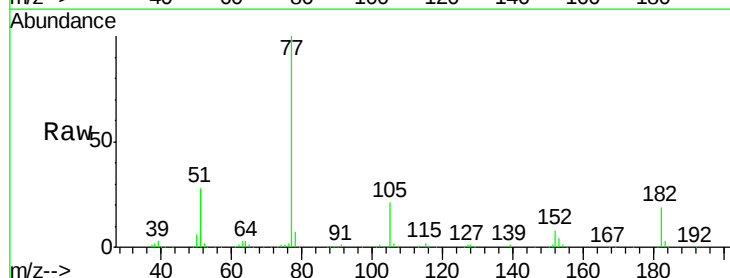
Ion Ratio Lower Upper

77 100

182 18.9 6.5 46.5

105 21.4 3.8 43.8

51 28.1 5.5 45.5

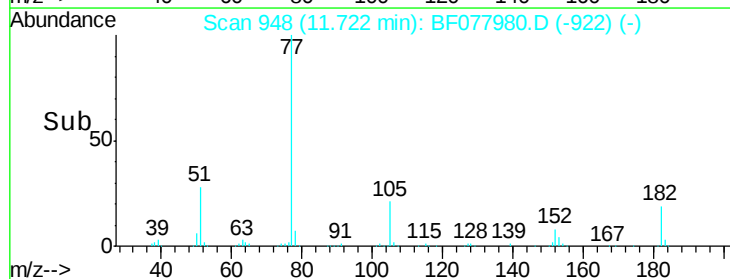
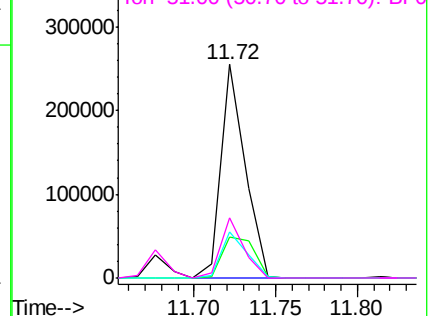


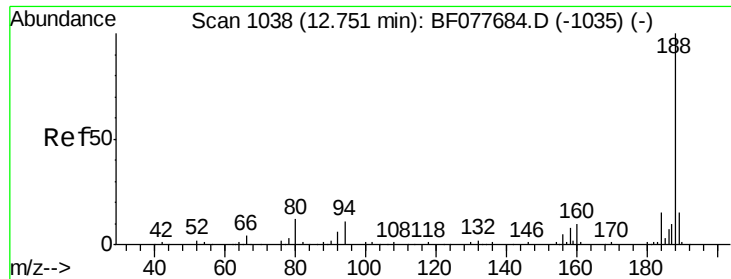
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

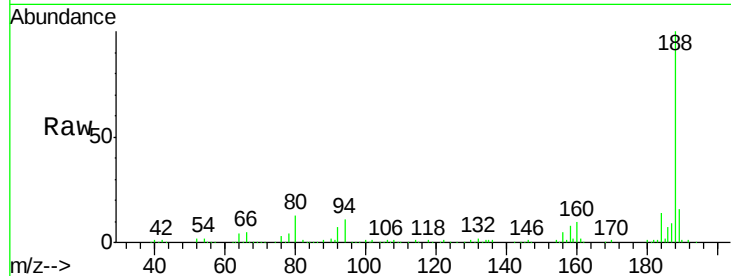




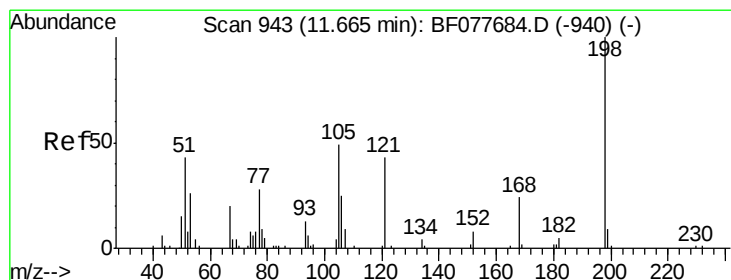
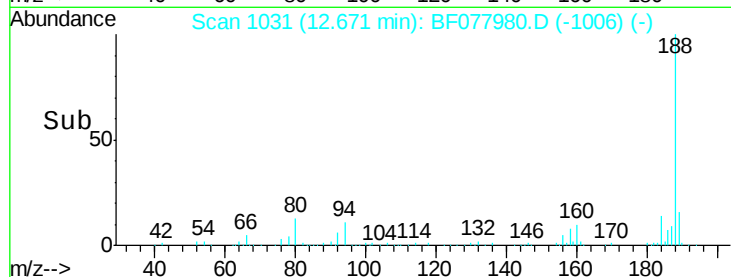
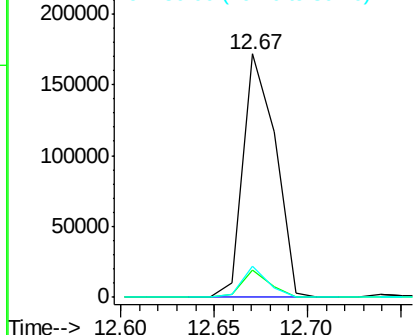
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.67 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF077980.D
 Acq: 26 Mar 2015 6:26

Instrument :
 BNA_F
 ClientSampleId :
 MW-10-3-23-15MSD

Tot Ion:188 Resp: 206759
 Ion Ratio Lower Upper
 188 100
 94 11.5 8.7 13.1
 80 12.9 9.3 13.9

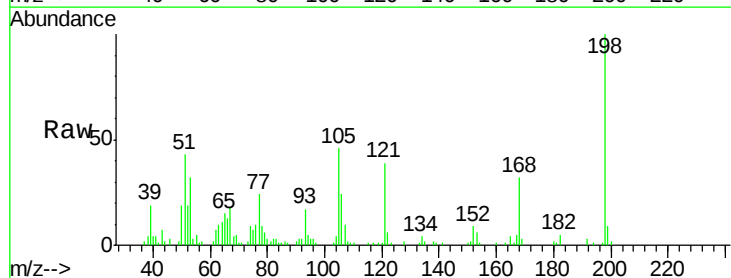


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

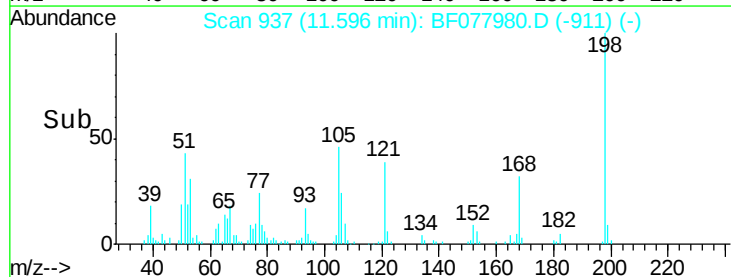
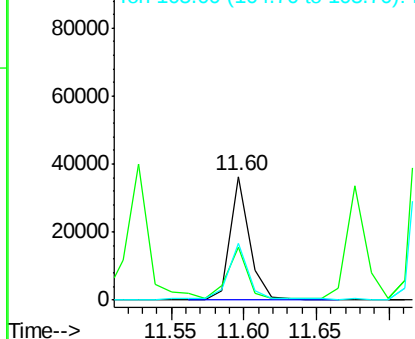


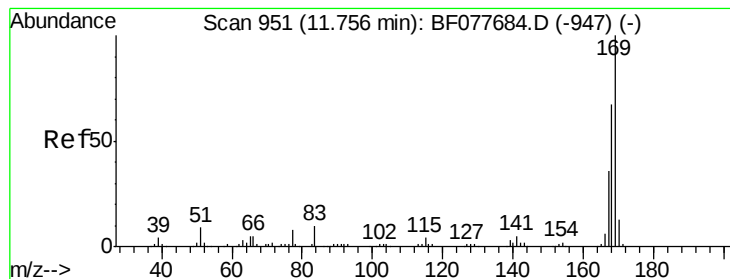
#64
 4,6-Dinitro-2-methylphenol
 Concen: 35.97 ng
 RT: 11.60 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: BF077980.D
 Acq: 26 Mar 2015 6:26

Tgt Ion:198 Resp: 33959
 Ion Ratio Lower Upper
 198 100
 51 42.8 28.8 68.8
 105 45.5 30.5 70.5



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 35.24 ng

RT: 11.68 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

Instrument :

BNA_F

ClientSampleId :

MW-10-3-23-15MSD

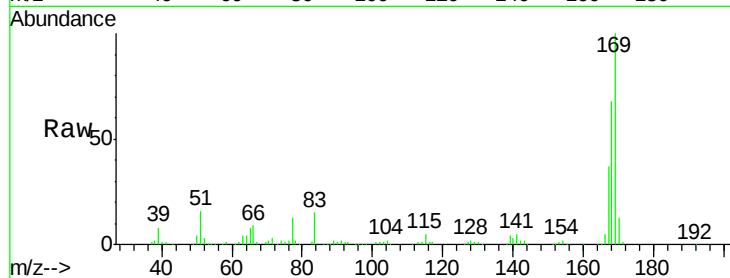
Tot Ion:169 Resp: 242599

Ion Ratio Lower Upper

169 100

168 67.7 53.9 80.9

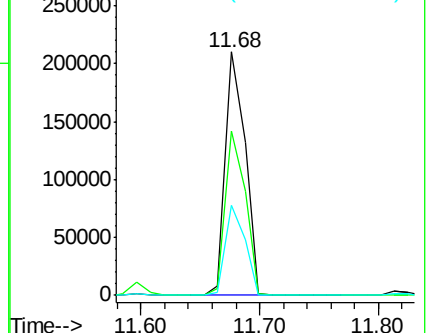
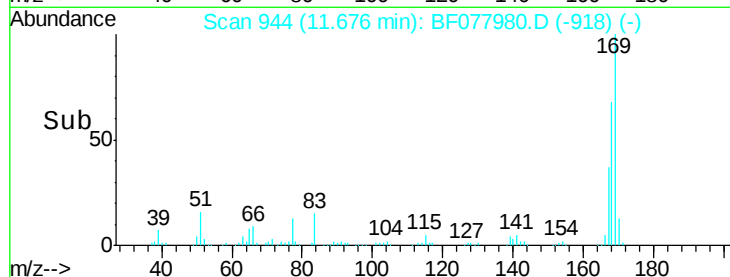
167 37.2 28.9 43.3



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: 34.84 ng

RT: 12.13 min Scan# 984

Delta R.T. -0.00 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

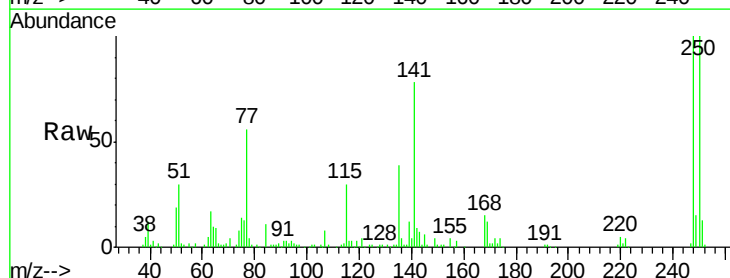
Tgt Ion:248 Resp: 76876

Ion Ratio Lower Upper

248 100

250 99.5 77.4 116.0

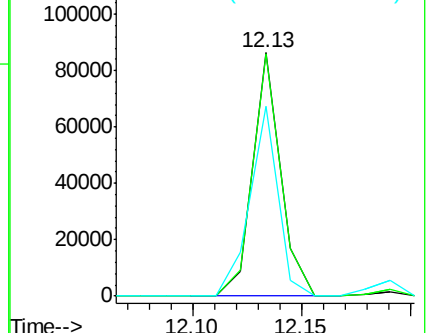
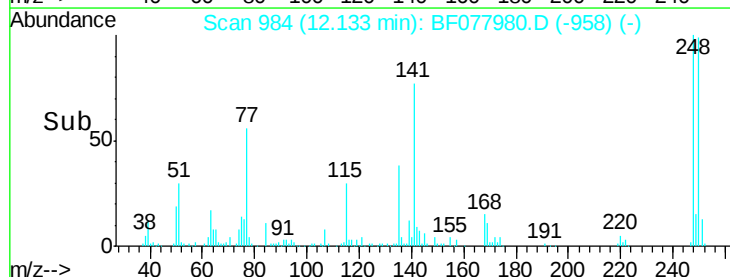
141 78.1 45.2 67.8#

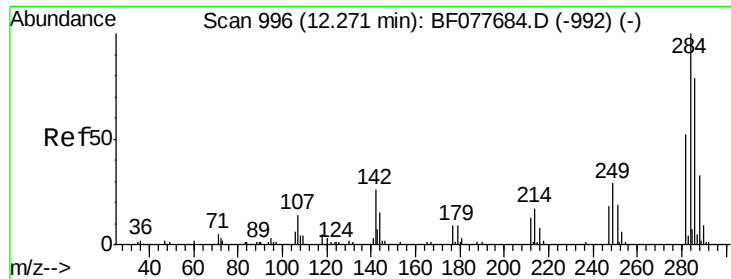


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

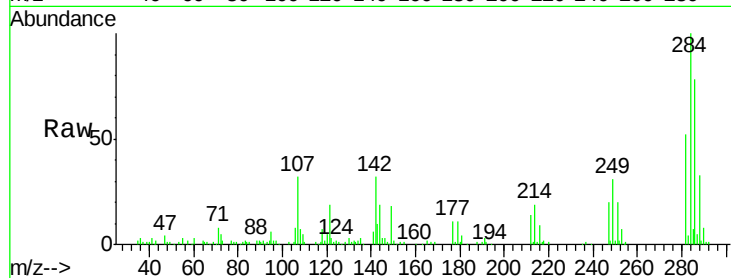




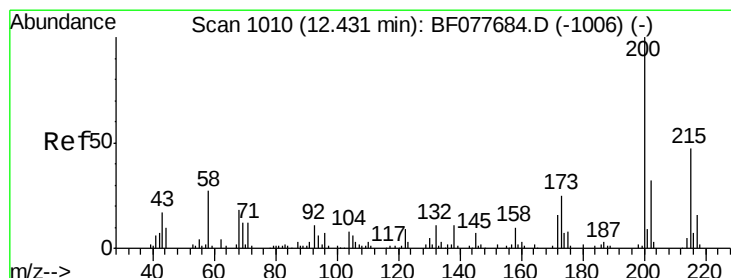
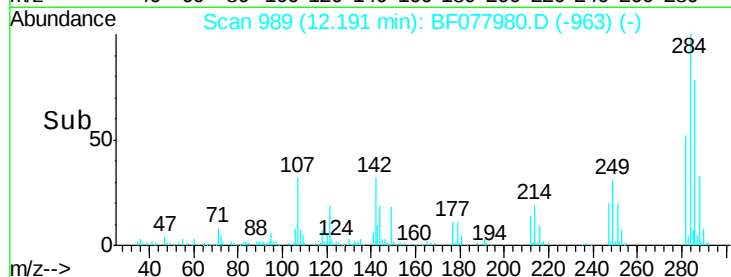
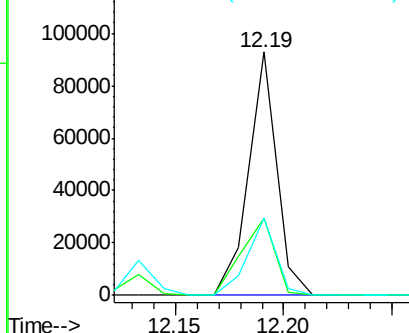
#67
Hexachlorobenzene
Concen: 34.52 ng
RT: 12.19 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF077980.D
Acq: 26 Mar 2015 6:26

Instrument :
BNA_F
ClientSampleId :
MW-10-3-23-15MSD

Tot Ion:284 Resp: 83703
Ion Ratio Lower Upper
284 100
142 31.6 20.4 30.6#
249 31.5 23.8 35.6

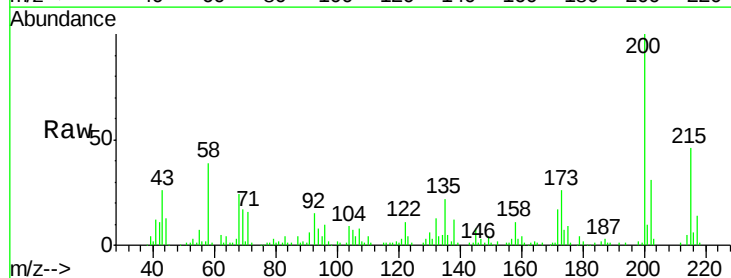


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

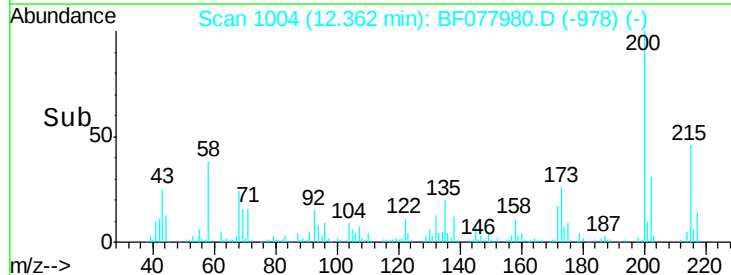
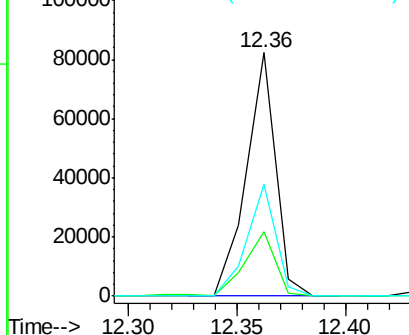


#68
Atrazine
Concen: 39.86 ng
RT: 12.36 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF077980.D
Acq: 26 Mar 2015 6:26

Tgt Ion:200 Resp: 76899
Ion Ratio Lower Upper
200 100
173 26.4 4.8 44.8
215 45.7 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

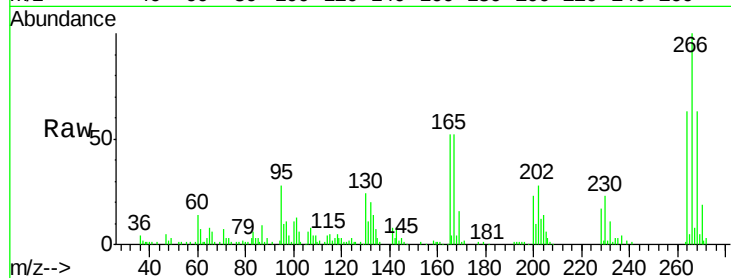




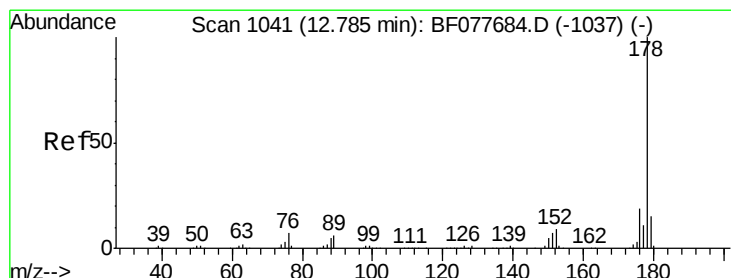
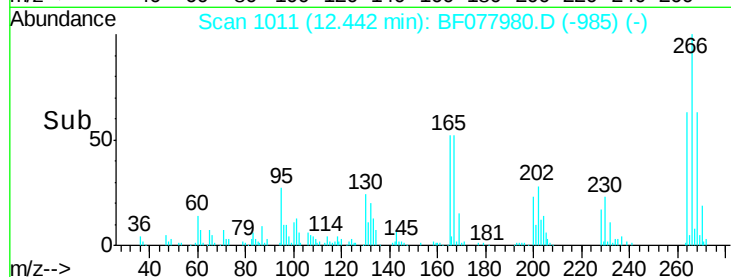
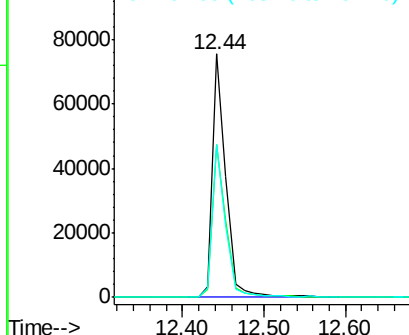
#69
 Pentachlorophenol
 Concen: 69.23 ng
 RT: 12.44 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BF077980.D
 Acq: 26 Mar 2015 6:26

Instrument :
 BNA_F
 ClientSampleId :
 MW-10-3-23-15MSD

Tot Ion:266 Resp: 87362
 Ion Ratio Lower Upper
 266 100
 268 62.9 52.0 78.0
 264 62.9 49.0 73.4

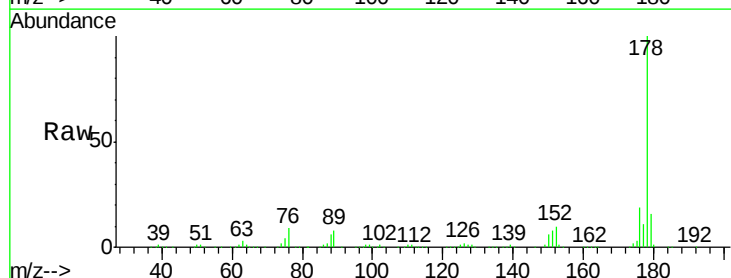


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

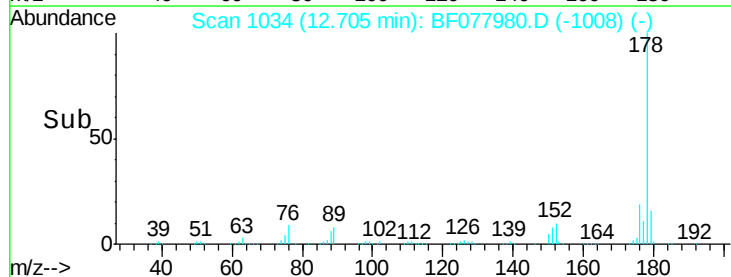
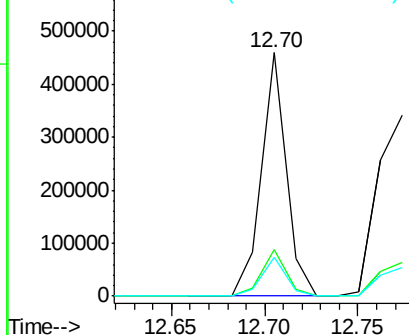


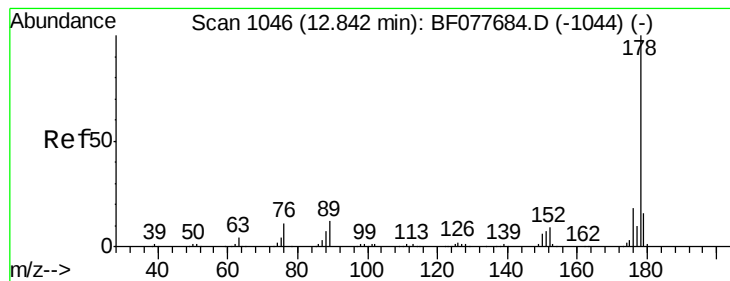
#70
 Phenanthrene
 Concen: 35.56 ng
 RT: 12.70 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF077980.D
 Acq: 26 Mar 2015 6:26

Tgt Ion:178 Resp: 422100
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.2 22.8
 179 16.0 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: 36.18 ng

RT: 12.77 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

Instrument :

BNA_F

ClientSampleId :

MW-10-3-23-15MSD

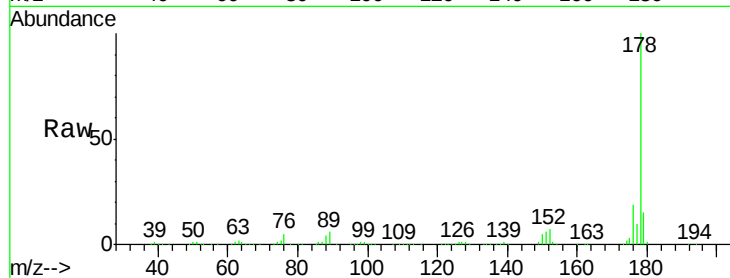
Tot Ion:178 Resp: 424285

Ion Ratio Lower Upper

178 100

176 18.7 14.6 22.0

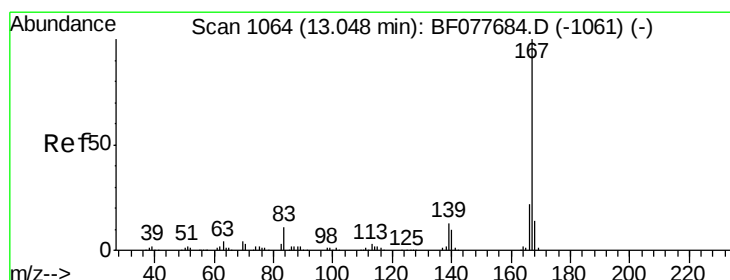
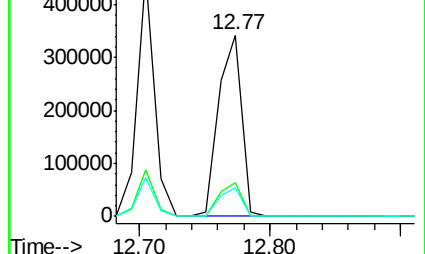
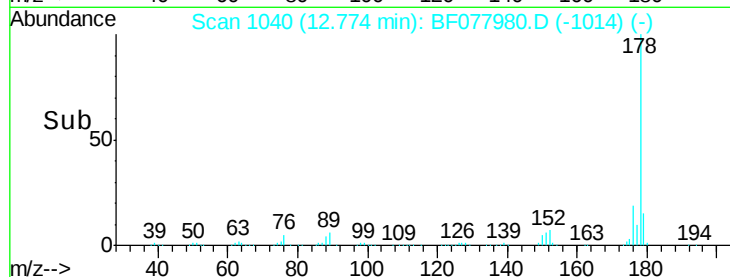
179 15.5 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 36.78 ng

RT: 12.98 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

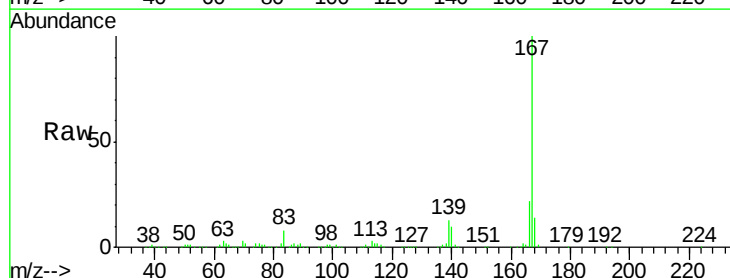
Tgt Ion:167 Resp: 410317

Ion Ratio Lower Upper

167 100

166 21.7 17.2 25.8

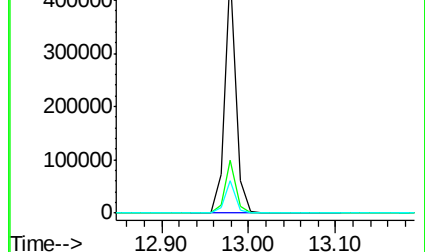
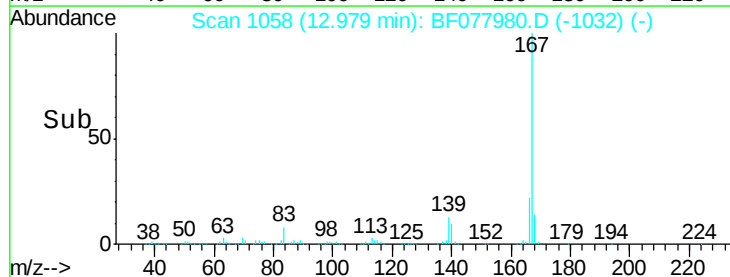
139 13.1 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

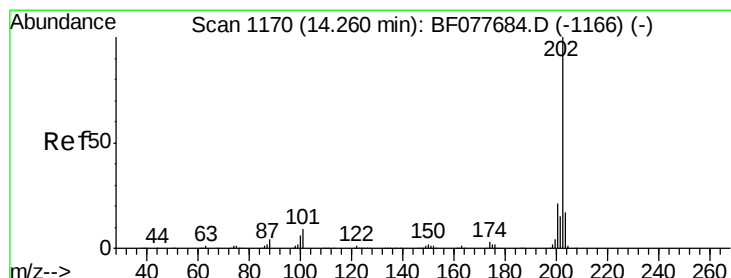
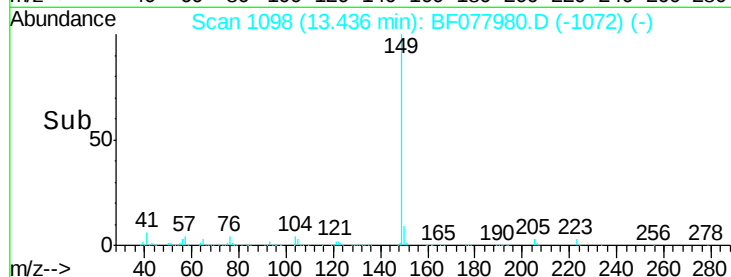
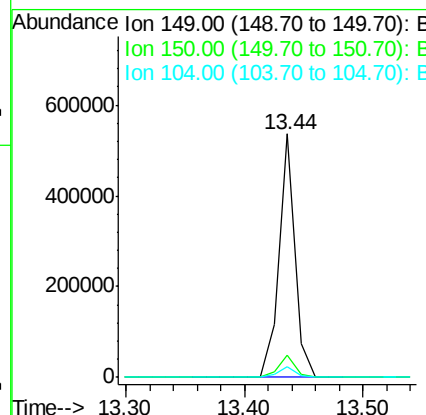
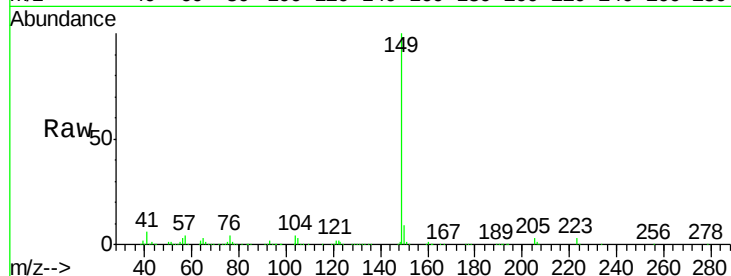




#73
Di-n-butylphthalate
Concen: 40.24 ng
RT: 13.44 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BF077980.D
Acq: 26 Mar 2015 6:26

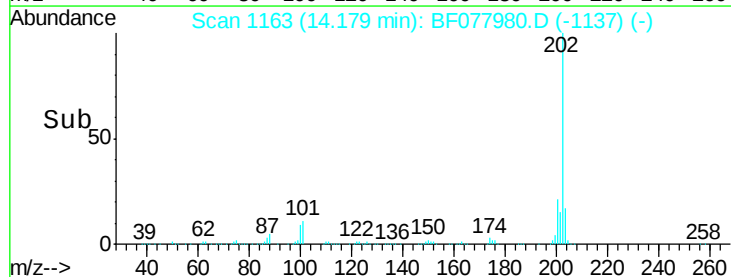
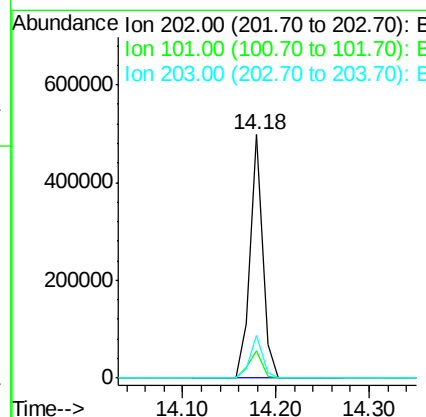
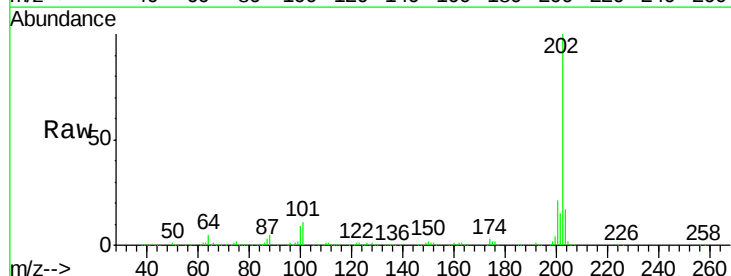
Instrument :
BNA_F
ClientSampleId :
MW-10-3-23-15MSD

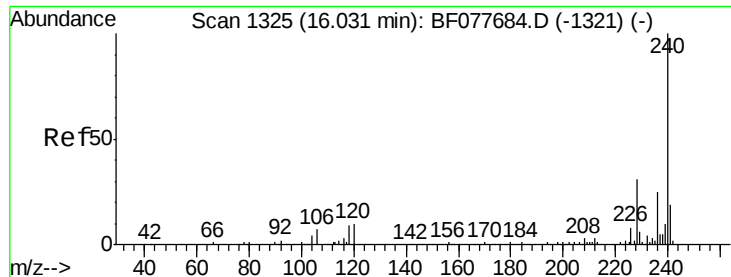
Tot Ion:149 Resp: 503268
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 4.4 3.7 5.5



#74
Fluoranthene
Concen: 35.83 ng
RT: 14.18 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF077980.D
Acq: 26 Mar 2015 6:26

Tgt Ion:202 Resp: 469106
Ion Ratio Lower Upper
202 100
101 11.4 0.0 28.7
203 17.5 0.0 37.2

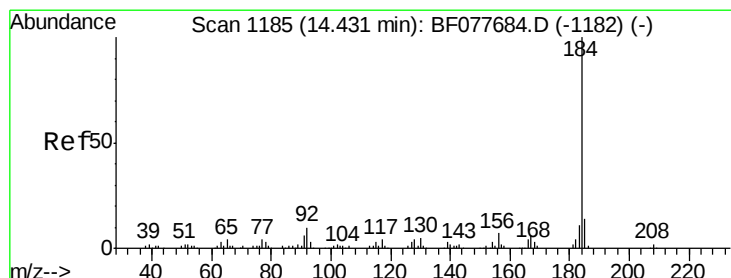
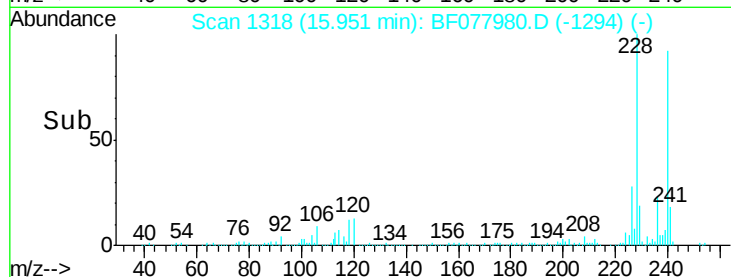
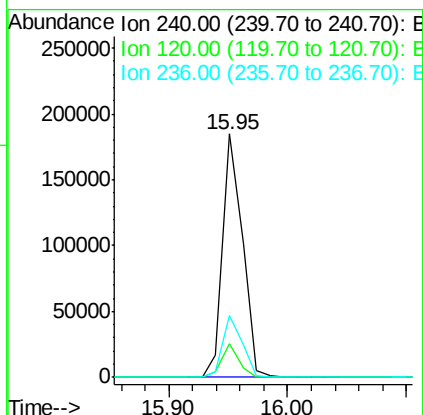
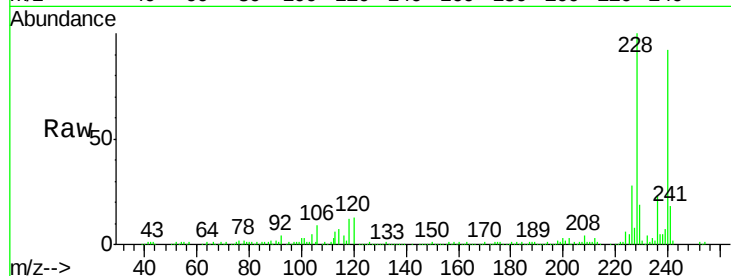




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.95 min Scan# 1318
 Delta R.T. -0.02 min
 Lab File: BF077980.D
 Acq: 26 Mar 2015 6:26

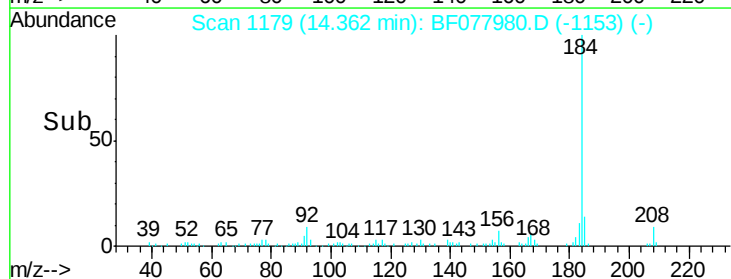
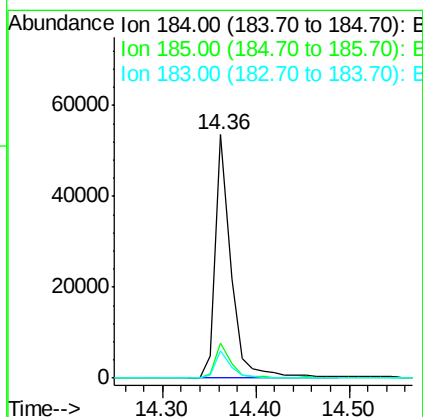
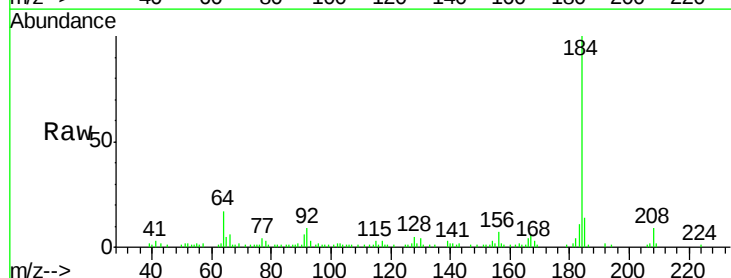
Instrument :
 BNA_F
 ClientSampleId :
 MW-10-3-23-15MSD

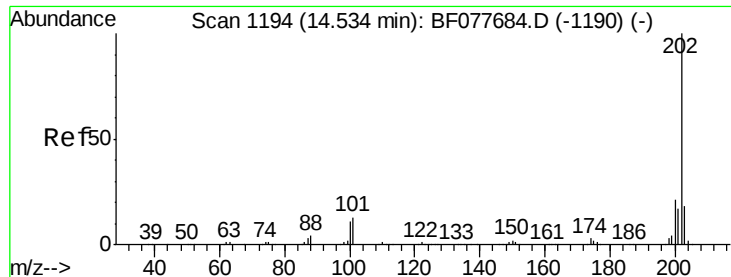
Tot Ion:240 Resp: 212604
 Ion Ratio Lower Upper
 240 100
 120 13.8 8.2 12.2#
 236 25.3 20.0 30.0



#76
 Benzidine
 Concen: 11.76 ng
 RT: 14.36 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BF077980.D
 Acq: 26 Mar 2015 6:26

Tgt Ion:184 Resp: 63689
 Ion Ratio Lower Upper
 184 100
 185 14.4 11.3 16.9
 183 11.1 8.9 13.3





#77

Pvrene

Concen: 36.05 ng

RT: 14.45 min Scan# 1187

Delta R.T. -0.00 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

Instrument :

BNA_F

ClientSampleId :

MW-10-3-23-15MSD

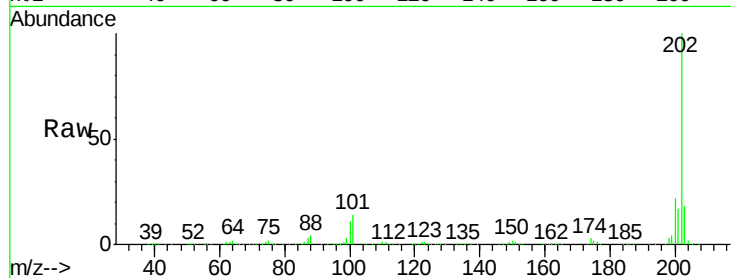
Tot Ion:202 Resp: 481979

Ion Ratio Lower Upper

202 100

200 21.5 16.9 25.3

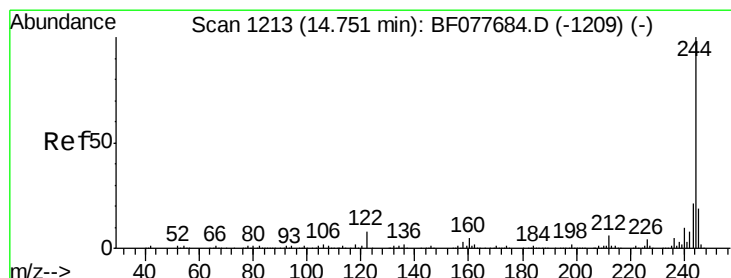
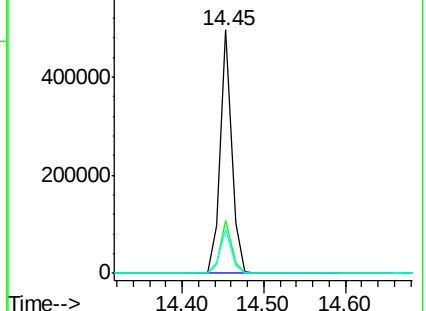
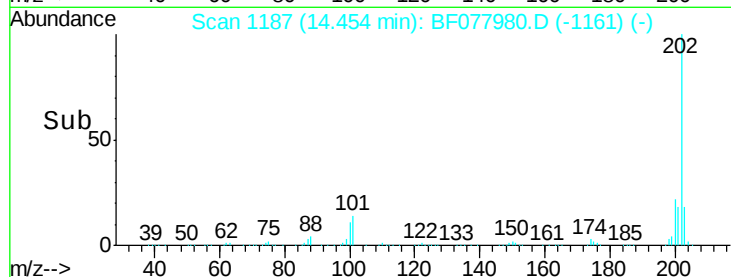
203 18.3 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 68.89 ng

RT: 14.67 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

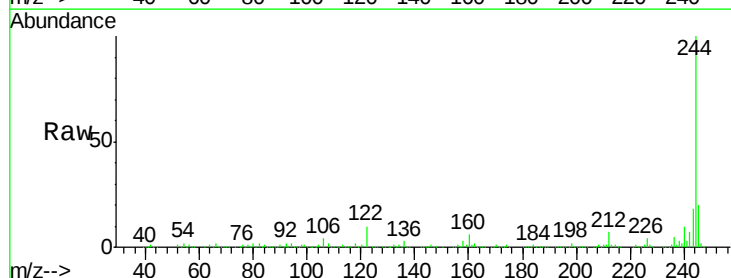
Tgt Ion:244 Resp: 599586

Ion Ratio Lower Upper

244 100

212 6.7 4.9 7.3

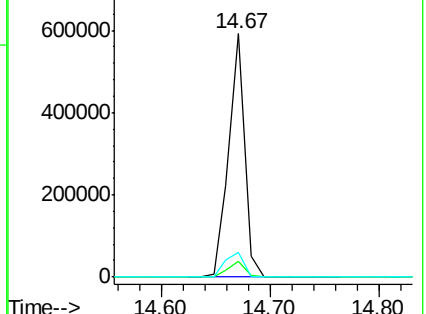
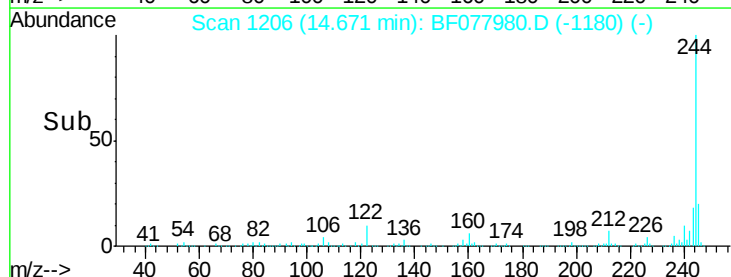
122 10.4 6.2 9.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

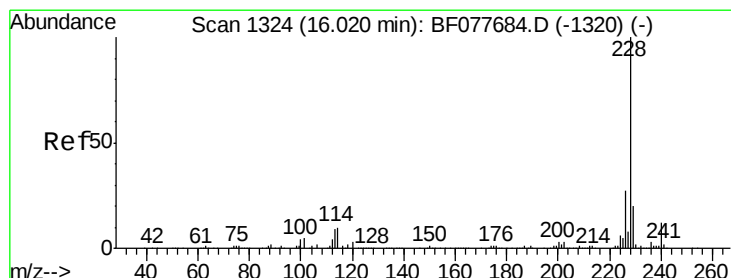
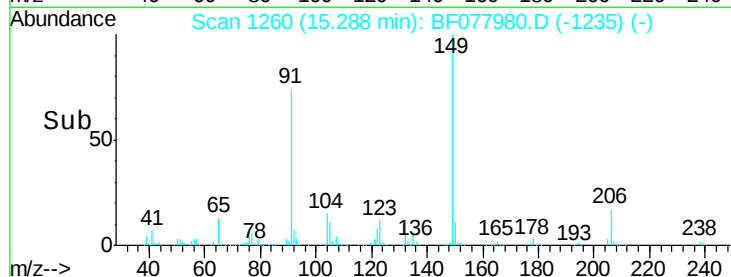
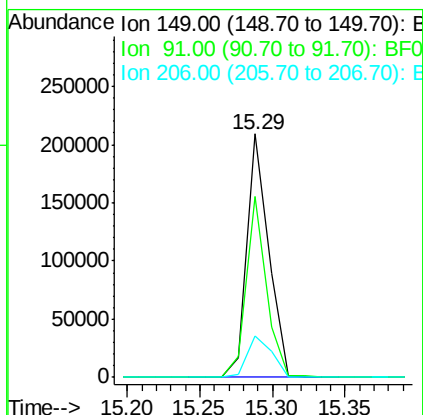
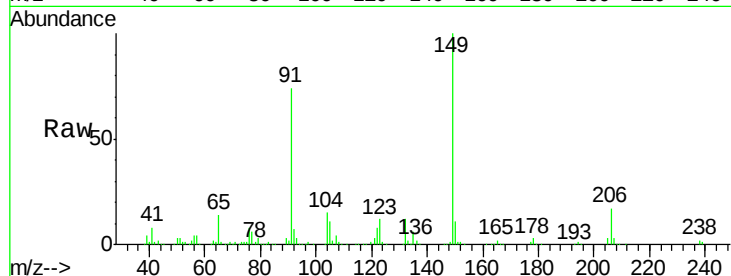




#79
Butylbenzylphthalate
Concen: 41.48 ng
RT: 15.29 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF077980.D
Acq: 26 Mar 2015 6:26

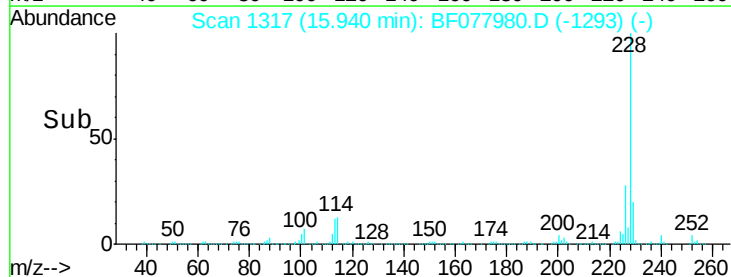
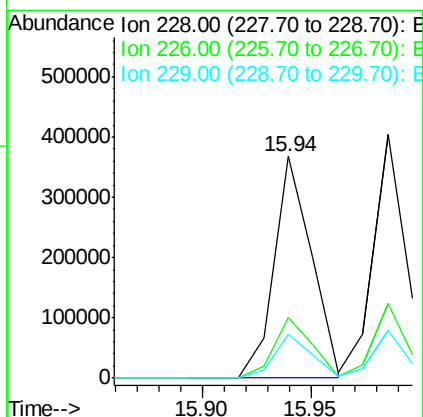
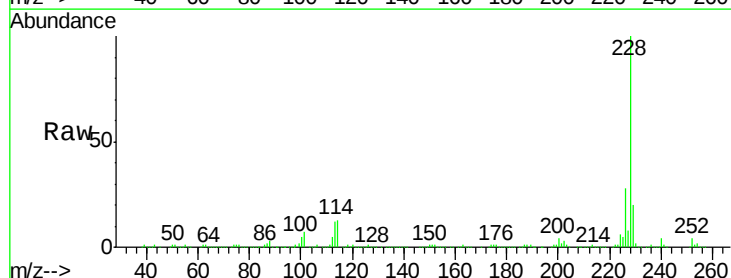
Instrument :
BNA_F
ClientSampleId :
MW-10-3-23-15MSD

Tot Ion:149 Resp: 218658
Ion Ratio Lower Upper
149 100
91 74.3 50.1 75.1
206 17.0 16.2 24.2



#80
Benzo(a)anthracene
Concen: 35.14 ng
RT: 15.94 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF077980.D
Acq: 26 Mar 2015 6:26

Tgt Ion:228 Resp: 442845
Ion Ratio Lower Upper
228 100
226 27.5 21.7 32.5
229 20.0 16.0 24.0

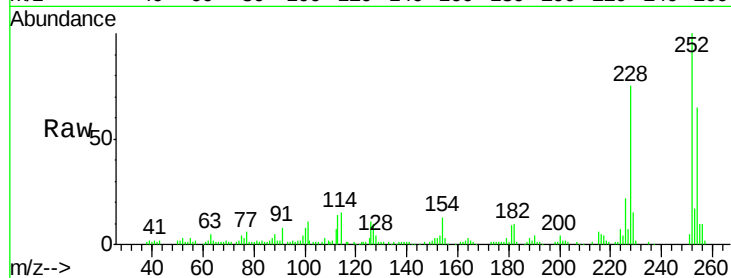




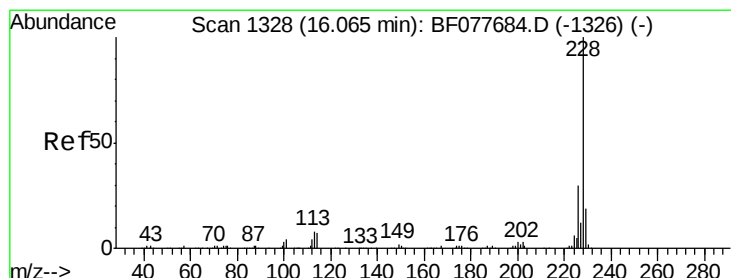
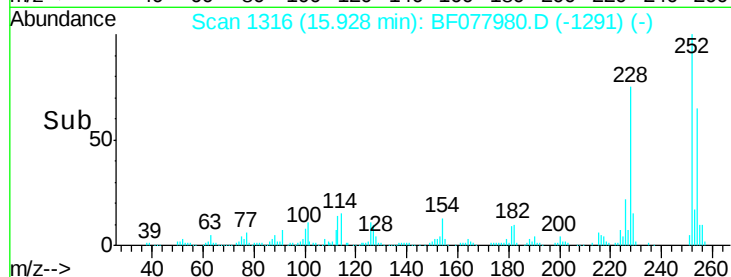
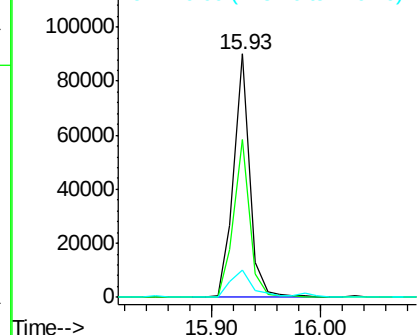
#81
 3,3'-Dichlorobenzidine
 Concen: 22.37 ng
 RT: 15.93 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF077980.D
 Acq: 26 Mar 2015 6:26

Instrument :
 BNA_F
 ClientSampleId :
 MW-10-3-23-15MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.9	77.9
126	11.3	9.8	14.8

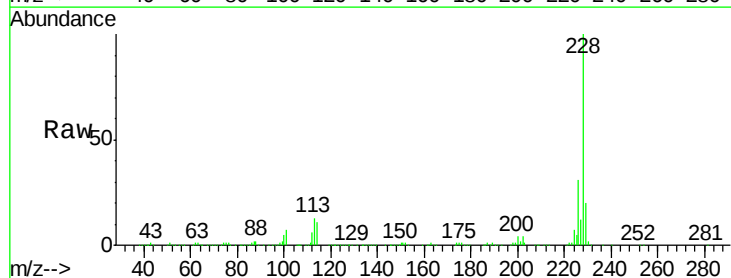


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

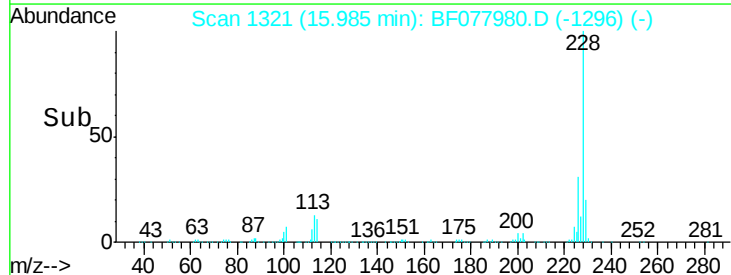
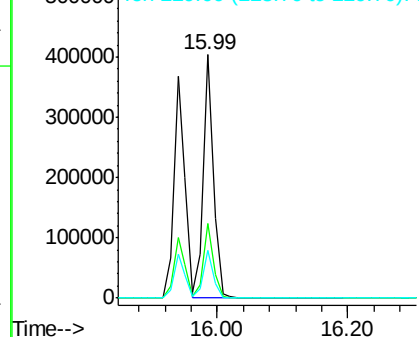


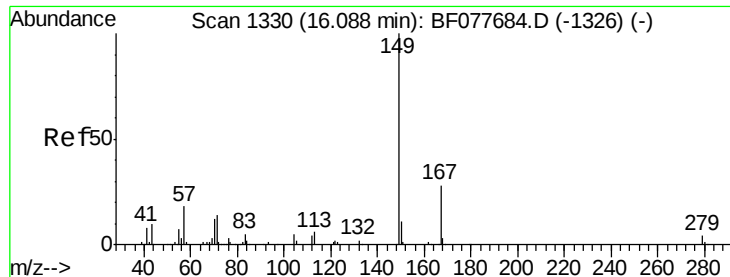
#82
 Chrysene
 Concen: 37.88 ng
 RT: 15.99 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF077980.D
 Acq: 26 Mar 2015 6:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.1	36.1
229	19.7	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

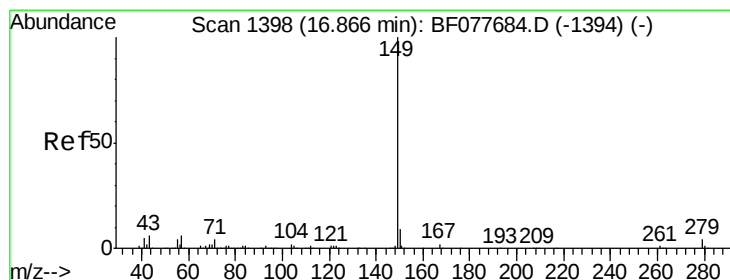
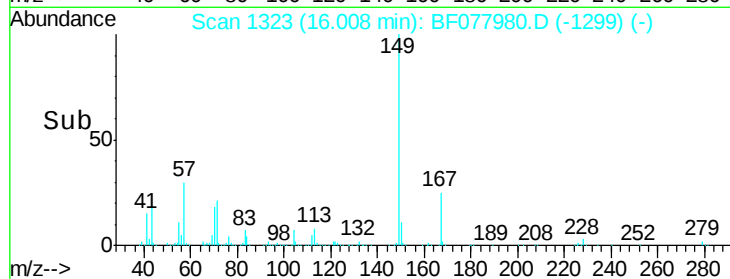
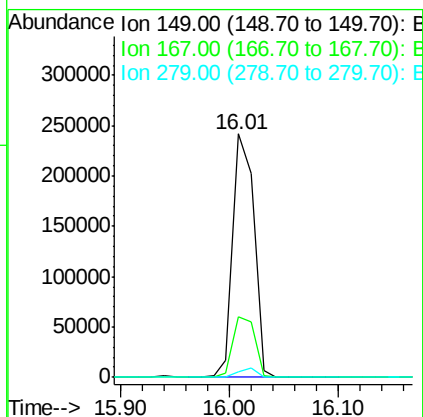
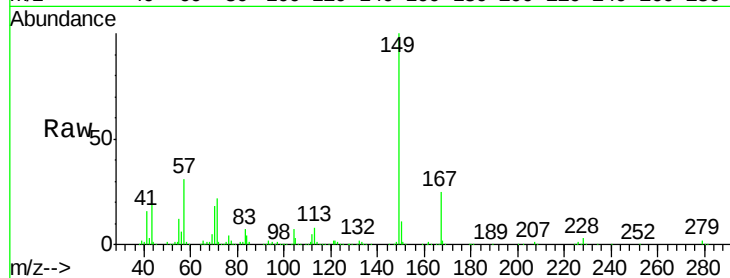




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.41 ng
 RT: 16.01 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF077980.D
 Acq: 26 Mar 2015 6:26

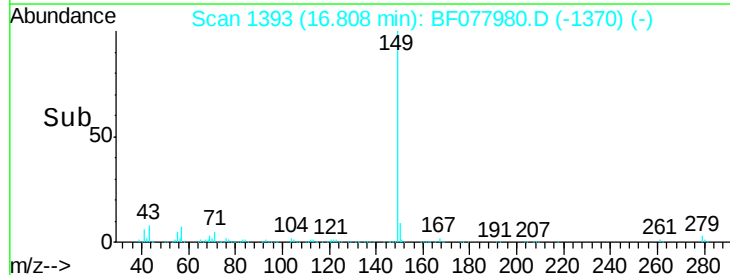
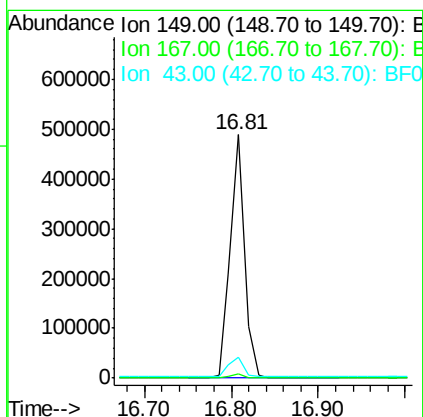
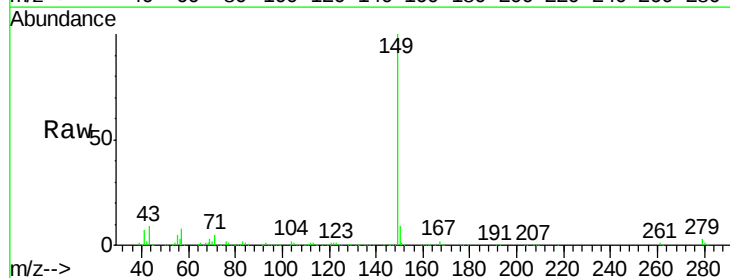
Instrument :
 BNA_F
 ClientSampleId :
 MW-10-3-23-15MSD

Tot Ion:149 Resp: 322687
 Ion Ratio Lower Upper
 149 100
 167 24.9 22.4 33.6
 279 2.3 3.4 5.0#



#84
 Di-n-octyl phthalate
 Concen: 41.05 ng
 RT: 16.81 min Scan# 1393
 Delta R.T. -0.03 min
 Lab File: BF077980.D
 Acq: 26 Mar 2015 6:26

Tgt Ion:149 Resp: 560485
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 9.1 7.3 10.9

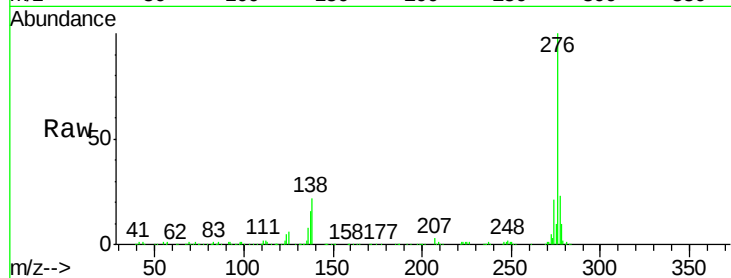




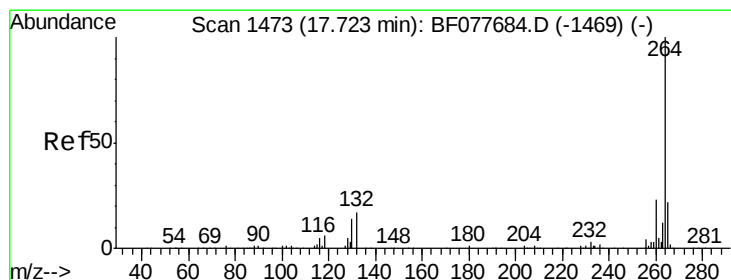
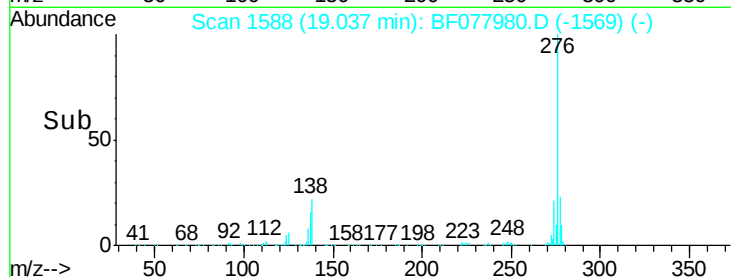
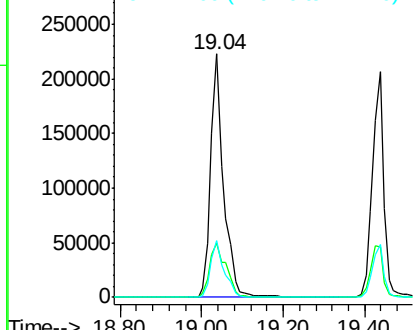
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.71 ng
RT: 19.04 min Scan# 1588
Delta R.T. -0.08 min
Lab File: BF077980.D
Acq: 26 Mar 2015 6:26

Instrument :
BNA_F
ClientSampleId :
MW-10-3-23-15MSD

Tot Ion:276 Resp: 490879
Ion Ratio Lower Upper
276 100
138 28.5 0.0 0.0#
277 24.6 0.0 0.0#

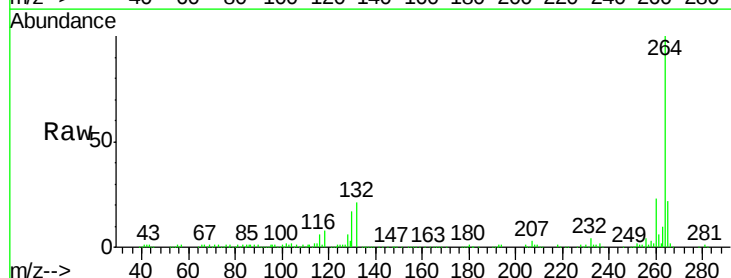


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

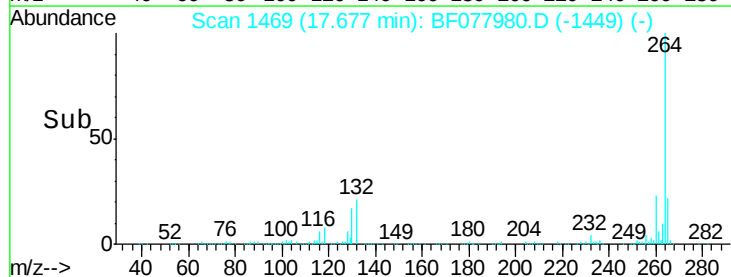
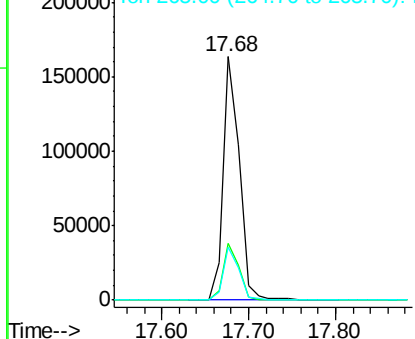


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.68 min Scan# 1469
Delta R.T. -0.07 min
Lab File: BF077980.D
Acq: 26 Mar 2015 6:26

Tgt Ion:264 Resp: 213267
Ion Ratio Lower Upper
264 100
260 23.4 18.6 27.8
265 21.7 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

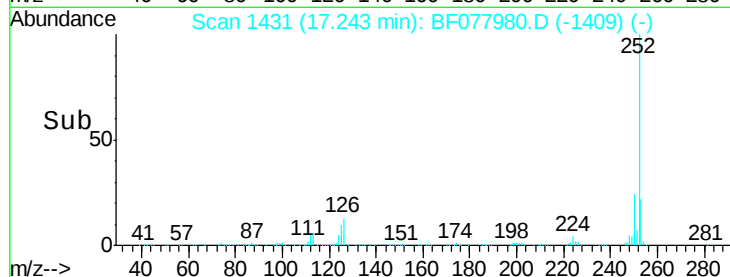
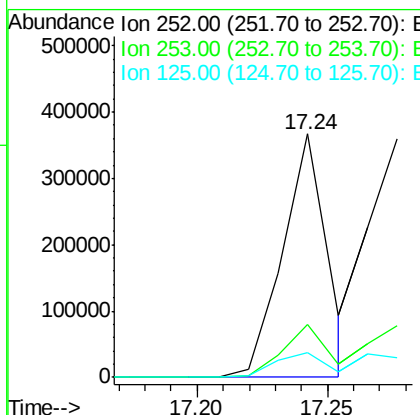
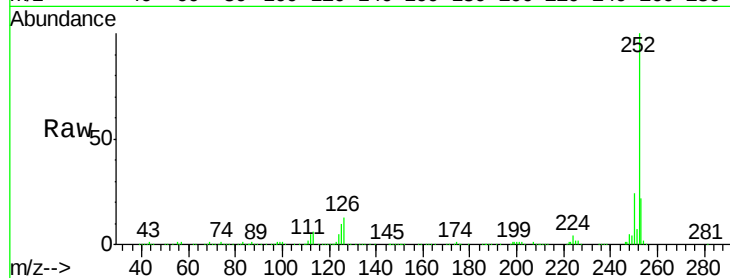




#87
Benzo(b)fluoranthene
Concen: 30.90 ng
RT: 17.24 min Scan# 1431
Delta R.T. -0.05 min
Lab File: BF077980.D
Acq: 26 Mar 2015 6:26

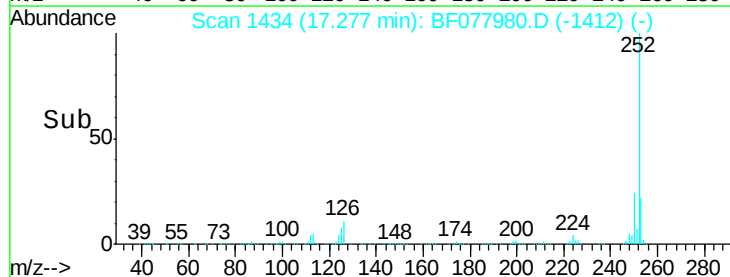
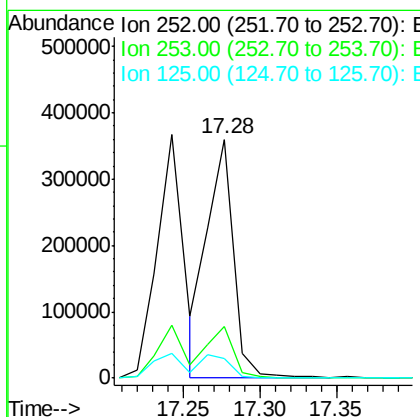
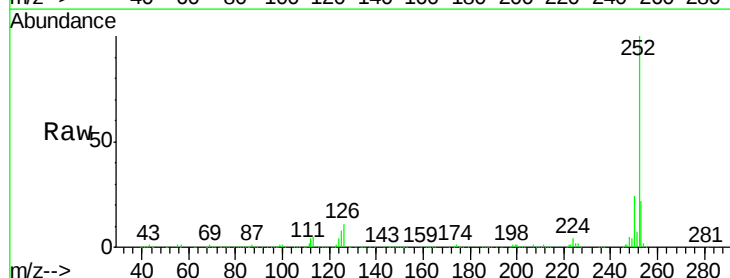
Instrument :
BNA_F
ClientSampleId :
MW-10-3-23-15MSD

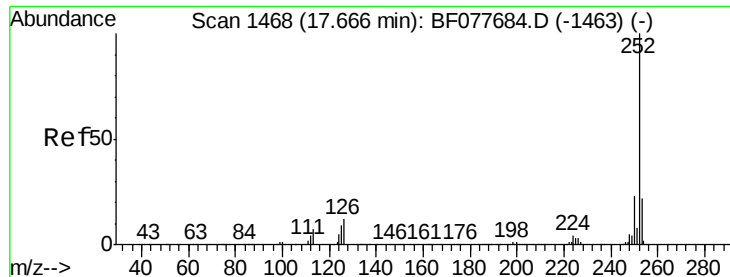
Tot Ion:252 Resp: 430199
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 9.9 9.9 14.9



#88
Benzo(k)fluoranthene
Concen: 40.49 ng m
RT: 17.28 min Scan# 1434
Delta R.T. -0.05 min
Lab File: BF077980.D
Acq: 26 Mar 2015 6:26

Tgt Ion:252 Resp: 440307
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 8.1 8.1 12.1





#89

Benzo(a)pyrene

Concen: 37.07 ng

RT: 17.62 min Scan# 1464

Delta R.T. -0.07 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

Instrument :

BNA_F

ClientSampleId :

MW-10-3-23-15MSD

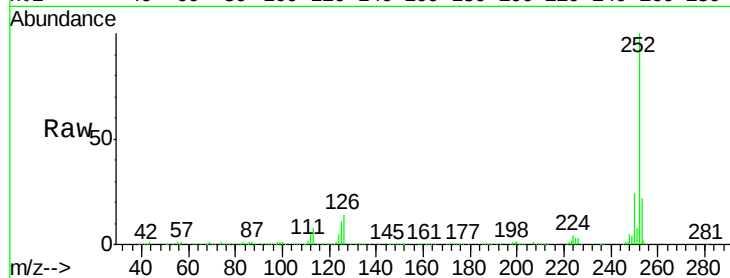
Tot Ion:252 Resp: 430657

Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

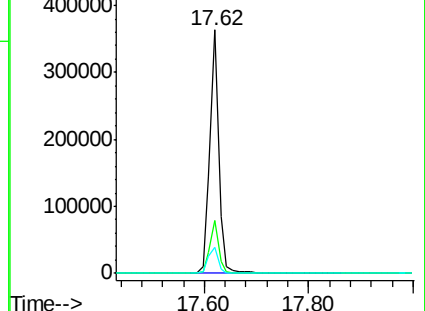
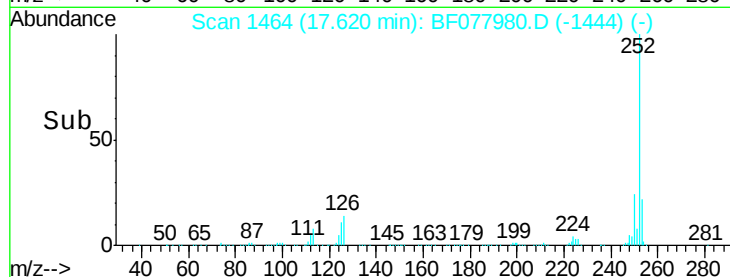
125 10.9 7.4 11.2



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: 34.74 ng

RT: 19.06 min Scan# 1590

Delta R.T. -0.09 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

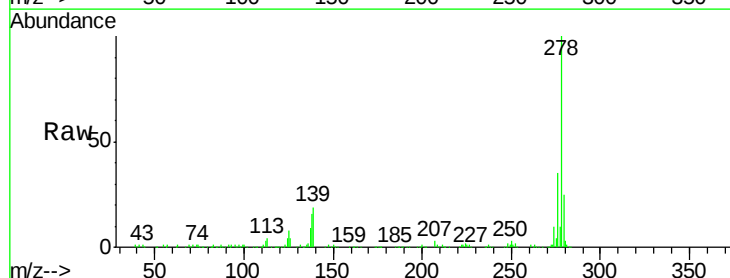
Tgt Ion:278 Resp: 400294

Ion Ratio Lower Upper

278 100

139 19.3 13.4 20.0

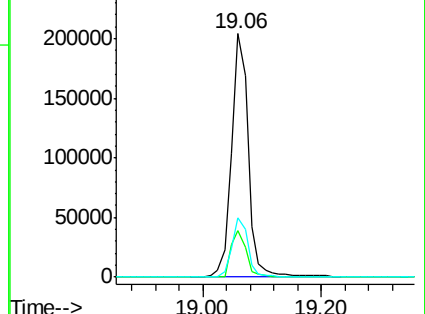
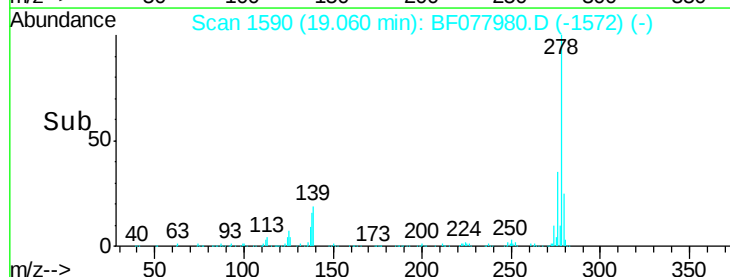
279 24.6 19.0 28.4

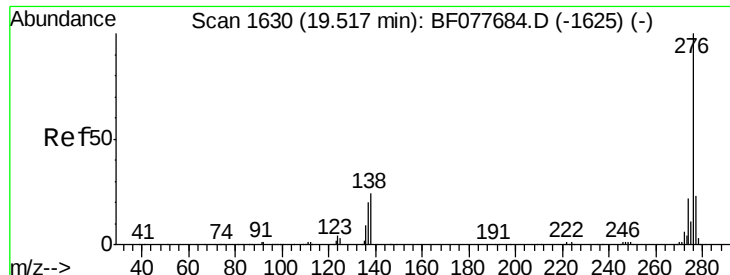


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 34.74 ng

RT: 19.44 min Scan# 1623

Delta R.T. -0.08 min

Lab File: BF077980.D

Acq: 26 Mar 2015 6:26

Instrument :

BNA_F

ClientSampleId :

MW-10-3-23-15MSD

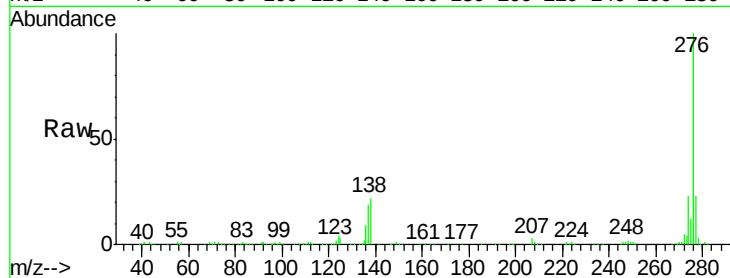
Tot Ion:276 Resp: 407488

Ion Ratio Lower Upper

276 100

277 23.4 18.5 27.7

138 22.1 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

