

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031315\
 Data File : BF077738.D
 Acq On : 13 Mar 2015 14:27
 Operator : TP/IZ
 Sample : PB82103BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82103BS

Quant Time: Mar 13 23:57:42 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 13 14:04:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	53075	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	222475	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	116115	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	228407	20.00	ng	0.00
75) Chrysene-d12	16.03	240	235168	20.00	ng	0.00
86) Perylene-d12	17.79	264	227372	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	333324	109.62	ng	0.00
7) Phenol-d6	6.74	99	437717	116.52	ng	0.00
23) Nitrobenzene-d5	7.86	82	232400	68.48	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	110259	99.25	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	532575	67.41	ng	0.00
78) Terphenyl-d14	14.74	244	648888	67.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.08	88	39117	28.34	ng	# 100
3) Pyridine	2.77	79	98333	26.51	ng	98
4) n-Nitrosodimethylamine	2.69	42	51462	31.86	ng	# 84
6) Aniline	6.75	93	95309	17.74	ng	# 1
8) 2-Chlorophenol	6.90	128	126483	34.95	ng	99
9) Benzaldehyde	6.61	77	11310	7.35	ng	97
10) Phenol	6.75	94	153652	34.60	ng	91
11) bis(2-Chloroethyl)ether	6.86	93	115740	34.80	ng	99
12) 1,3-Dichlorobenzene	7.09	146	132269	32.86	ng	98
13) 1,4-Dichlorobenzene	7.18	146	129193	30.89	ng	# 93
14) 1,2-Dichlorobenzene	7.37	146	125264	32.67	ng	# 93
15) Benzyl Alcohol	7.36	79	100472	34.26	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.54	45	147369	32.88	ng	97
17) 2-Methylphenol	7.50	107	99448	33.75	ng	99
18) Hexachloroethane	7.79	117	45487	33.16	ng	95
19) n-Nitroso-di-n-propylamine	7.69	70	83789	32.24	ng	98
20) 3+4-Methylphenols	7.70	107	134369	34.75	ng	100
22) Acetophenone	7.68	105	169741	34.46	ng	# 98
24) Nitrobenzene	7.88	77	118515	32.41	ng	95
25) Isophorone	8.18	82	222255	32.43	ng	# 90
26) 2-Nitrophenol	8.28	139	59643	33.32	ng	95
27) 2,4-Dimethylphenol	8.35	122	113778	34.89	ng	98
28) bis(2-Chloroethoxy)methane	8.46	93	139869	33.62	ng	99
29) 2,4-Dichlorophenol	8.58	162	108741	34.98	ng	97
30) 1,2,4-Trichlorobenzene	8.68	180	111987	32.20	ng	99
31) Naphthalene	8.77	128	365618	32.00	ng	99
32) Benzoic acid	8.45	122	46792	27.16	ng	97
33) 4-Chloroaniline	8.85	127	87930	18.96	ng	98
34) Hexachlorobutadiene	8.93	225	59226	30.04	ng	97
35) Caprolactam	9.26	113	31397	34.56	ng	99
36) 4-Chloro-3-methylphenol	9.46	107	113309	36.23	ng	97
37) 2-Methylnaphthalene	9.63	142	260377	33.92	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.84	216	110374	31.87	ng	# 100
40) Hexachlorocyclopentadiene	9.82	237	108034	63.01	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 13 14:04:45 2015
 Response via : Initial Calibration

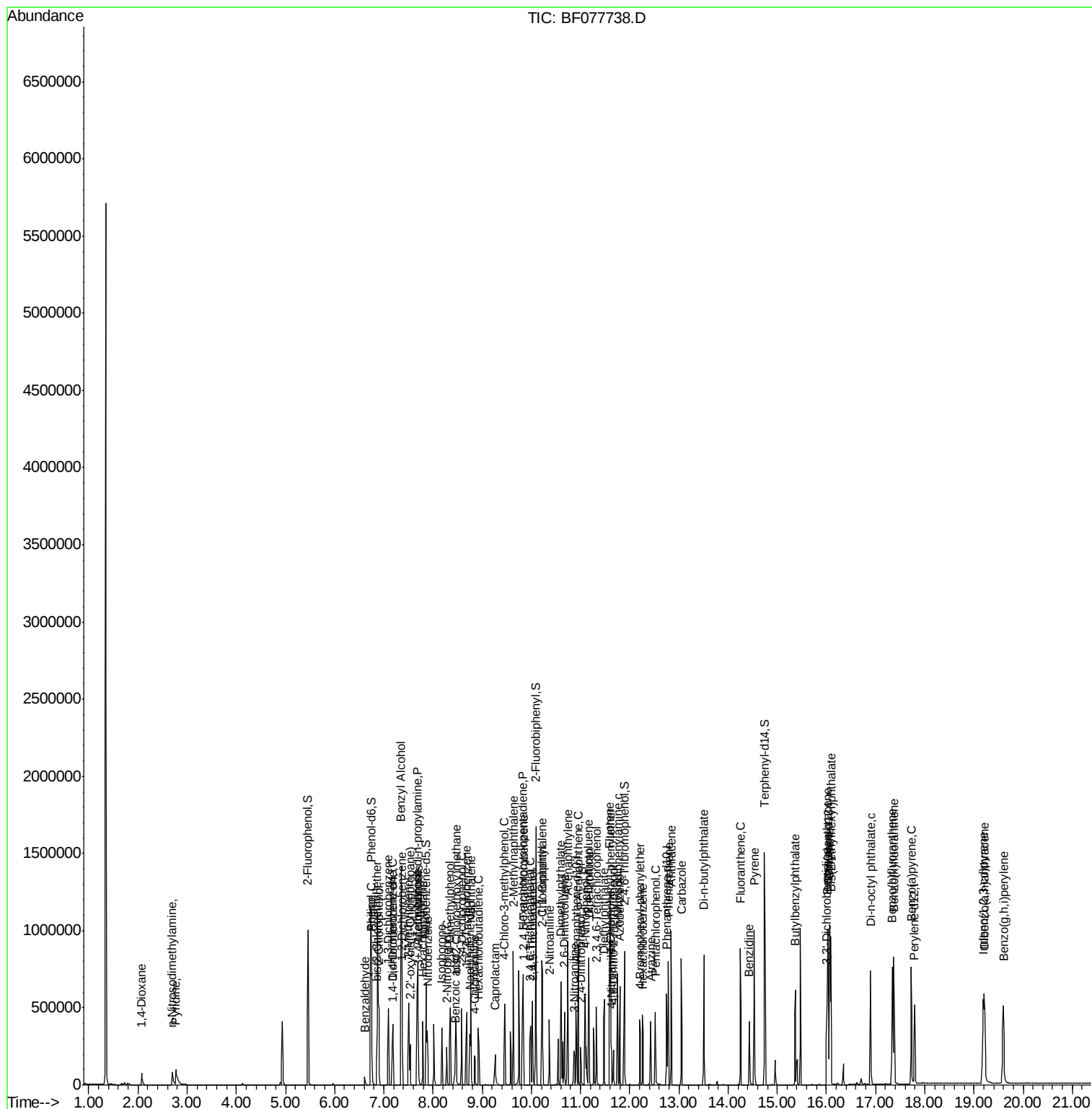
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.98	196	75714	31.56	ng	98
43) 2,4,5-Trichlorophenol	10.03	196	82694	31.91	ng	96
45) 1,1'-Biphenyl	10.21	154	308622	33.25	ng	99
46) 2-Chloronaphthalene	10.22	162	236510	31.35	ng	# 92
47) 2-Nitroaniline	10.36	65	65479	34.95	ng	97
48) Acenaphthylene	10.74	152	390913	31.16	ng	99
49) Dimethylphthalate	10.60	163	284056	32.98	ng	99
50) 2,6-Dinitrotoluene	10.67	165	61449	34.42	ng	97
51) Acenaphthene	10.96	154	224222	31.18	ng	99
52) 3-Nitroaniline	10.88	138	51728	24.95	ng	95
53) 2,4-Dinitrophenol	11.00	184	36834	58.57	ng	99
54) Dibenzofuran	11.17	168	358386	33.60	ng	100
55) 4-Nitrophenol	11.09	139	98486	64.13	ng	# 79
56) 2,4-Dinitrotoluene	11.16	165	82174	35.30	ng	# 94
57) Fluorene	11.60	166	294379	33.24	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.32	232	66508	33.33	ng	# 100
59) Diethylphthalate	11.48	149	283485	33.78	ng	99
60) 4-Chlorophenyl-phenylether	11.61	204	129646	32.07	ng	97
61) 4-Nitroaniline	11.63	138	67495	32.67	ng	99
62) Azobenzene	11.80	77	269885	33.65	ng	97
64) 4,6-Dinitro-2-methylphenol	11.67	198	31860	31.20	ng	92
65) n-Nitrosodiphenylamine	11.76	169	249868	32.85	ng	99
66) 4-Bromophenyl-phenylether	12.21	248	78231	32.09	ng	94
67) Hexachlorobenzene	12.27	284	85354	31.87	ng	# 92
68) Atrazine	12.43	200	77840	36.52	ng	98
69) Pentachlorophenol	12.52	266	85294	61.54	ng	100
70) Phenanthrene	12.79	178	428270	32.66	ng	100
71) Anthracene	12.84	178	418417	32.30	ng	99
72) Carbazole	13.05	167	396184	32.15	ng	100
73) Di-n-butylphthalate	13.51	149	459480	33.25	ng	99
74) Fluoranthene	14.25	202	450984	31.18	ng	95
76) Benzidine	14.43	184	218243	37.49	ng	97
77) Pyrene	14.53	202	493609	33.38	ng	100
79) Butylbenzylphthalate	15.37	149	205044	35.17	ng	92
80) Benzo(a)anthracene	16.02	228	442249	31.72	ng	99
81) 3,3'-Dichlorobenzidine	16.01	252	109803	23.88	ng	# 98
82) Chrysene	16.07	228	423177	33.76	ng	99
83) Bis(2-ethylhexyl)phthalate	16.09	149	302076	34.20	ng	# 97
84) Di-n-octyl phthalate	16.90	149	518809	34.36	ng	99
85) Indeno(1,2,3-cd)pyrene	19.19	276	460562	29.44	ng	# 100
87) Benzo(b)fluoranthene	17.33	252	455492	30.69	ng	100
88) Benzo(k)fluoranthene	17.37	252	390533	33.68	ng	# 97
89) Benzo(a)pyrene	17.72	252	408719	33.00	ng	# 96
90) Dibenzo(a,h)anthracene	19.21	278	384442	31.30	ng	# 96
91) Benzo(g,h,i)perylene	19.60	276	383785	30.69	ng	99

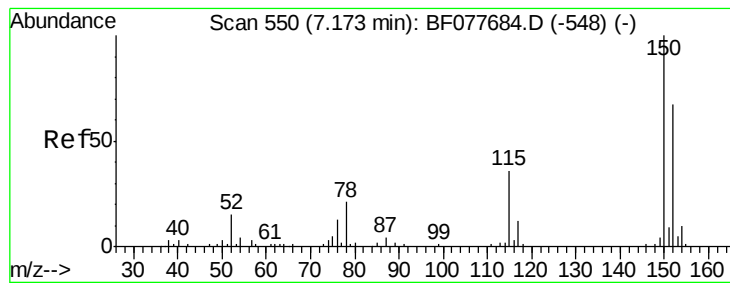
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc      :
ALS Vial  : 4      Sample Multiplier: 1
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.17 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF077738.D

Acq: 13 Mar 2015 14:27

Instrument :

BNA_F

ClientSampleId :

PB82103BS

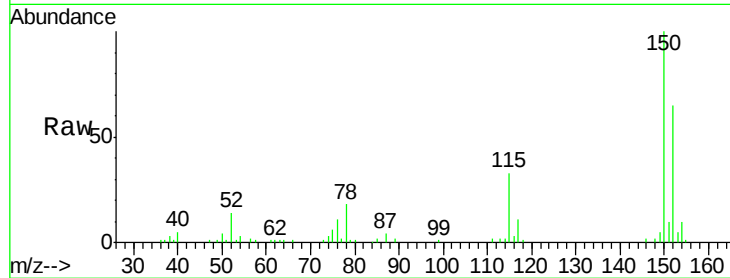
Tgt Ion:152 Resp: 53075

Ion Ratio Lower Upper

152 100

150 154.0 119.5 179.3

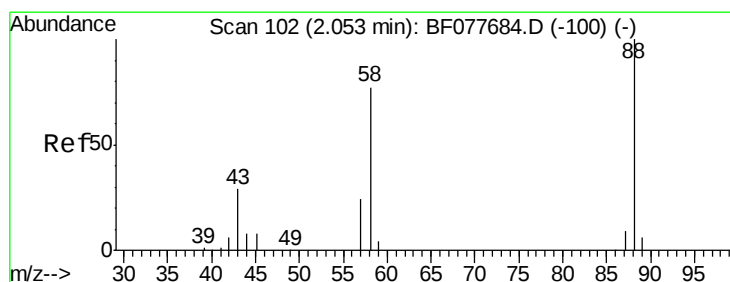
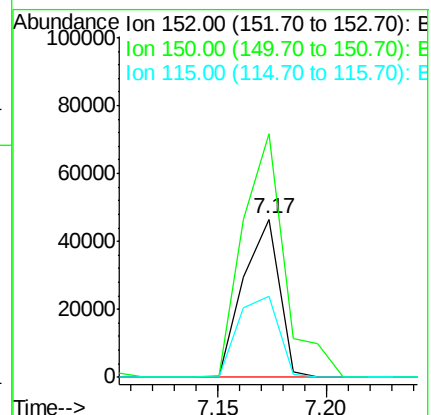
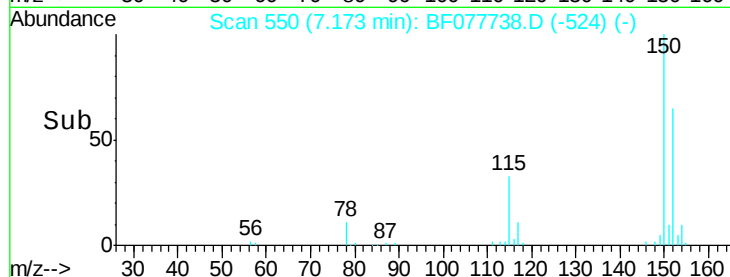
115 50.9 43.0 64.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 28.34 ng

RT: 2.08 min Scan# 104

Delta R.T. 0.02 min

Lab File: BF077738.D

Acq: 13 Mar 2015 14:27

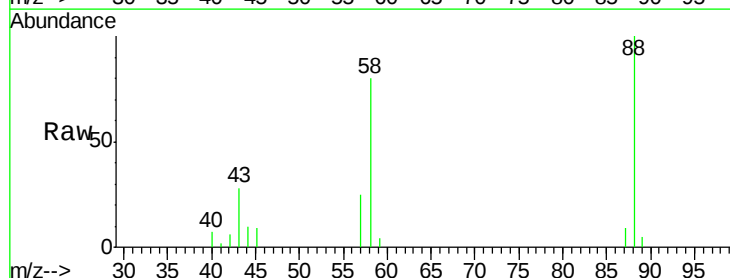
Tgt Ion: 88 Resp: 39117

Ion Ratio Lower Upper

88 100

58 75.9 0.0 0.0#

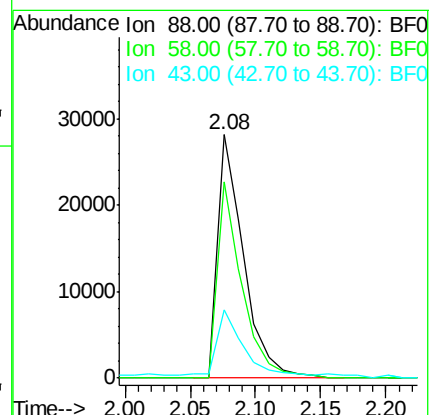
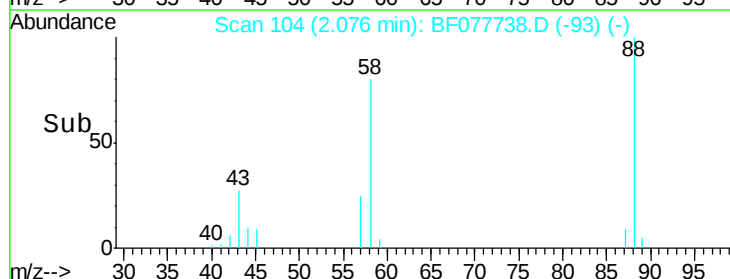
43 34.2 0.0 0.0#

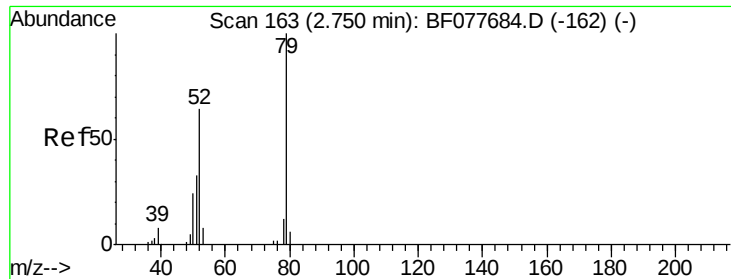


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 26.51 ng

RT: 2.77 min Scan# 165

Delta R.T. 0.03 min

Lab File: BF077738.D

Acq: 13 Mar 2015 14:27

Instrument :

BNA_F

ClientSampleId :

PB82103BS

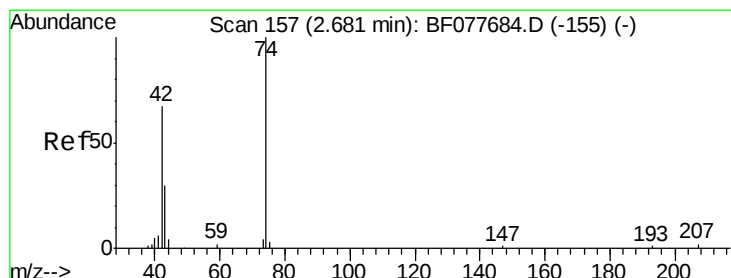
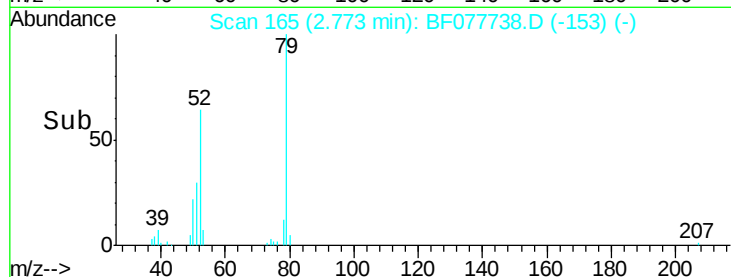
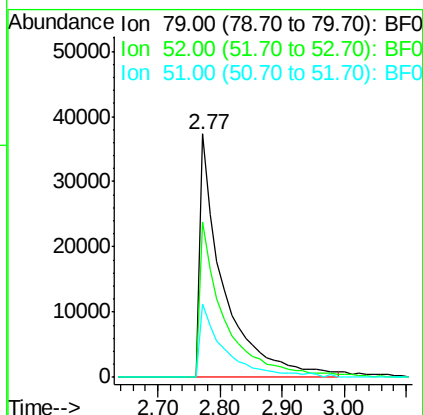
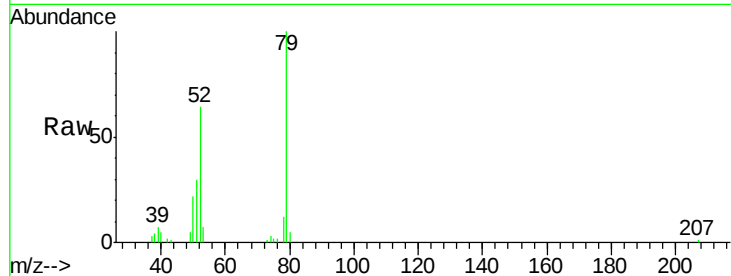
Tgt Ion: 79 Resp: 98333

Ion Ratio Lower Upper

79 100

52 63.7 51.1 76.7

51 30.2 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 31.86 ng

RT: 2.69 min Scan# 158

Delta R.T. 0.01 min

Lab File: BF077738.D

Acq: 13 Mar 2015 14:27

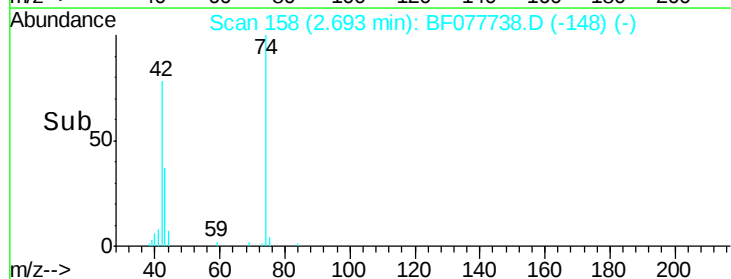
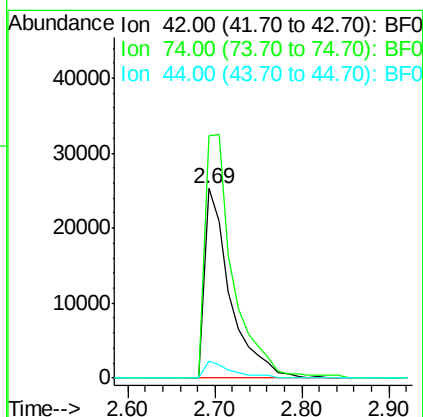
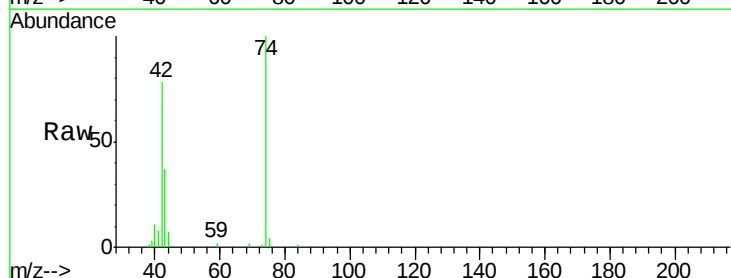
Tgt Ion: 42 Resp: 51462

Ion Ratio Lower Upper

42 100

74 128.2 119.3 178.9

44 8.7 5.4 8.2#





#5

2-Fluorophenol

Concen: 109.62 ng

RT: 5.46 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF077738.D

Acq: 13 Mar 2015 14:27

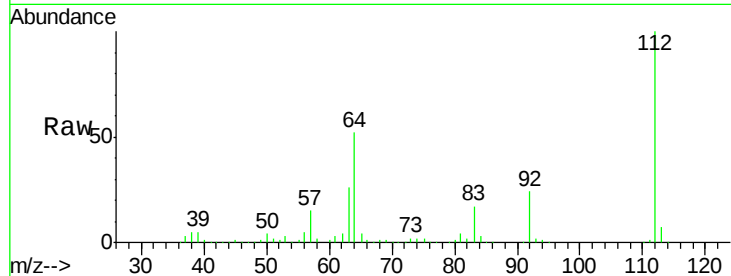
Instrument :

BNA_F

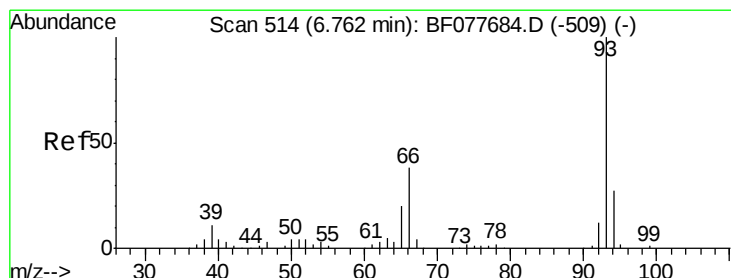
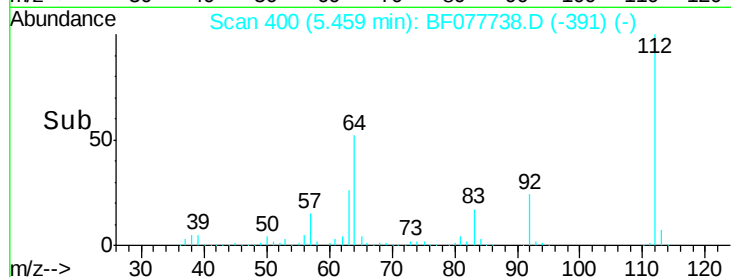
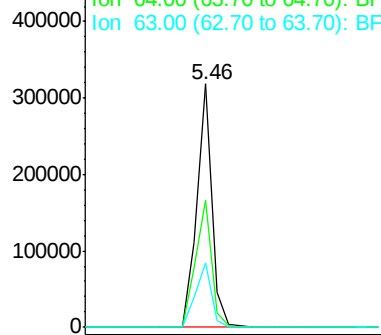
ClientSampleId :

PB82103BS

Tgt Ion:	112	Resp:	333324
Ion	Ratio	Lower	Upper
112	100		
64	52.1	38.6	57.8
63	26.5	19.3	28.9



Abundance Ion 112.00 (111.70 to 112.70): BF077738.D (-504) (-)



#6

Aniline

Concen: 17.74 ng

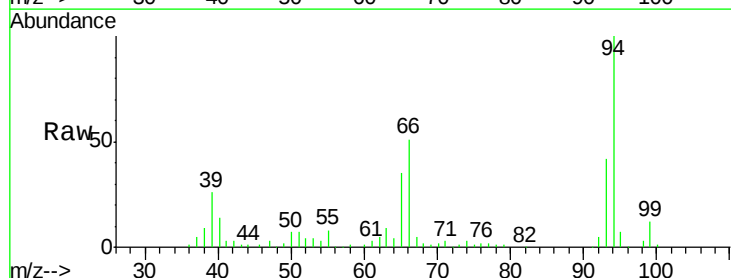
RT: 6.75 min Scan# 513

Delta R.T. 0.00 min

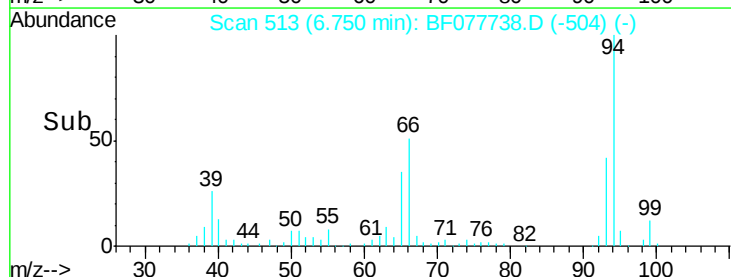
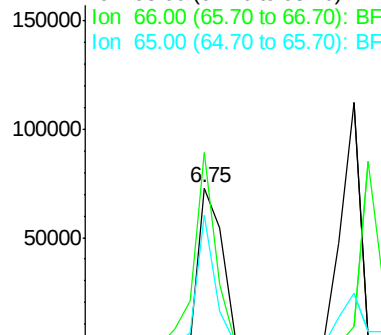
Lab File: BF077738.D

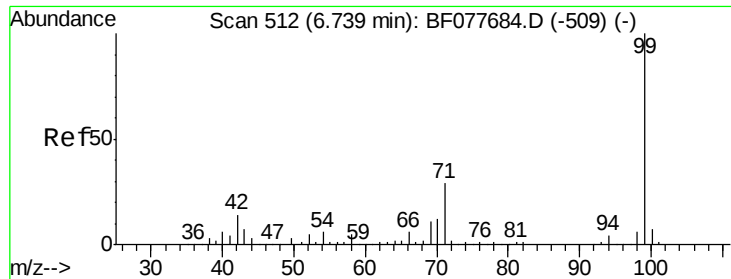
Acq: 13 Mar 2015 14:27

Tgt Ion:	93	Resp:	95309
Ion	Ratio	Lower	Upper
93	100		
66	122.3	30.8	46.2#
65	83.0	16.0	24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF077738.D (-504) (-)





#7

Phenol-d6

Concen: 116.52 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF077738.D

Acq: 13 Mar 2015 14:27

Instrument :

BNA_F

ClientSampleId :

PB82103BS

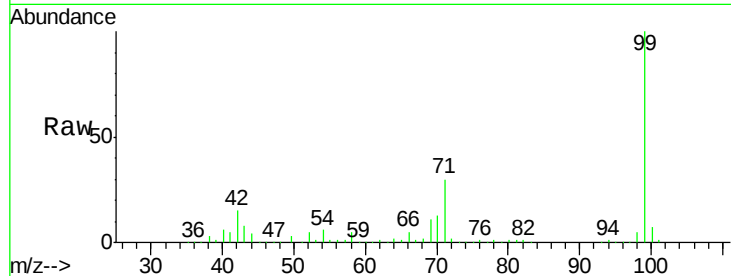
Tgt Ion: 99 Resp: 437717

Ion Ratio Lower Upper

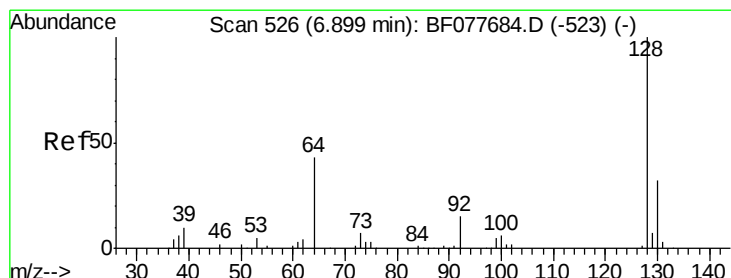
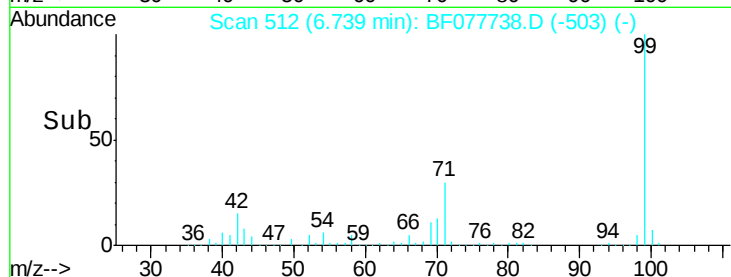
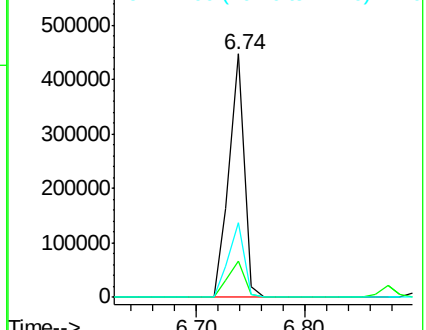
99 100

42 14.9 11.0 16.4

71 30.4 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 34.95 ng

RT: 6.90 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF077738.D

Acq: 13 Mar 2015 14:27

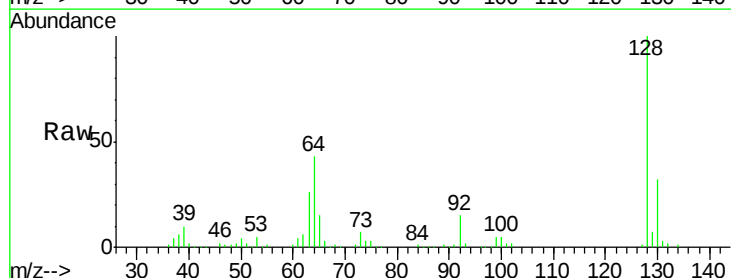
Tgt Ion: 128 Resp: 126483

Ion Ratio Lower Upper

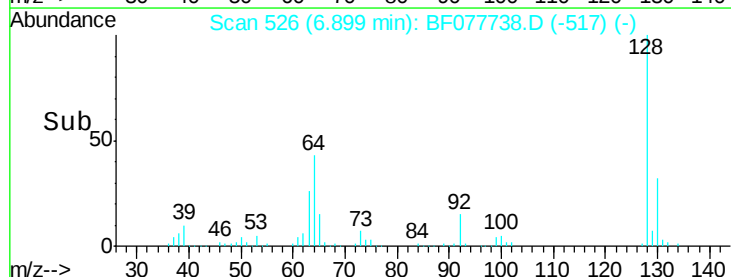
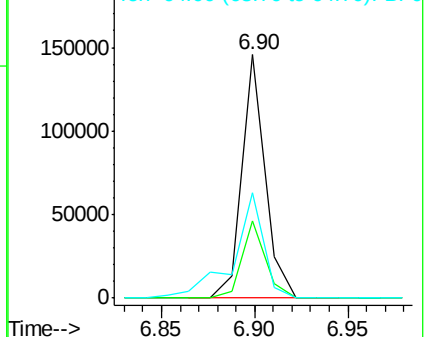
128 100

130 31.9 12.0 52.0

64 43.4 24.9 64.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 7.35 ng

RT: 6.61 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF077738.D

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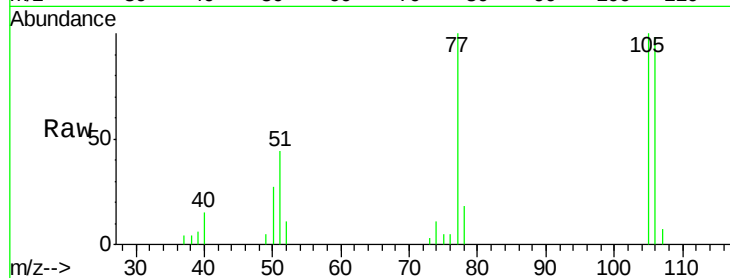
Tgt Ion: 77 Resp: 11310

Ion Ratio Lower Upper

77 100

105 100.2 78.8 118.8

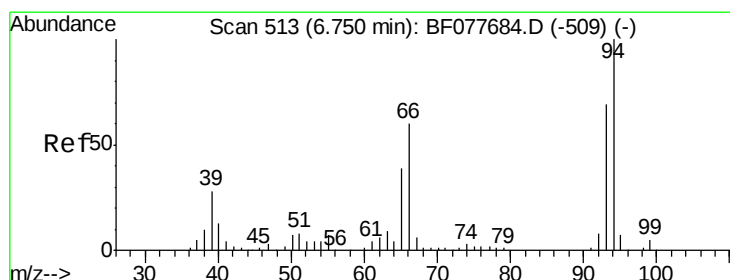
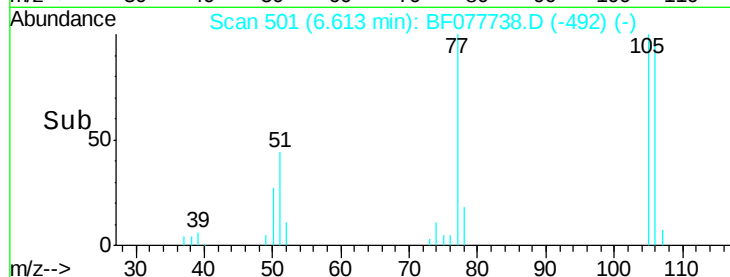
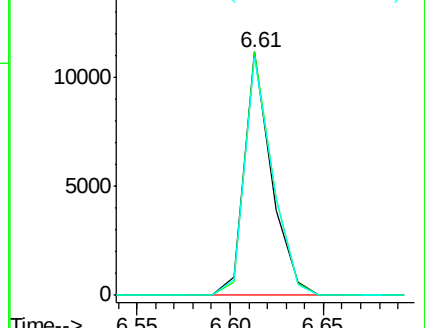
106 98.4 73.7 113.7



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: 34.60 ng

RT: 6.75 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF077738.D

Acq: 13 Mar 2015 14:27

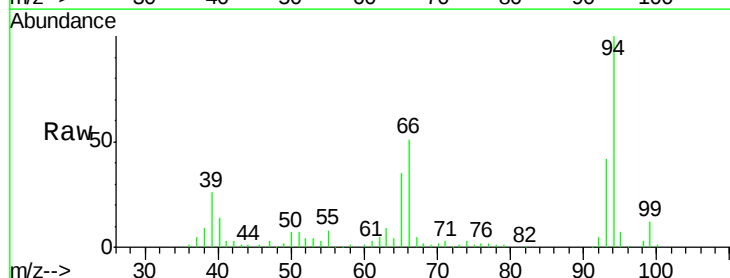
Tgt Ion: 94 Resp: 153652

Ion Ratio Lower Upper

94 100

65 34.8 18.8 58.8

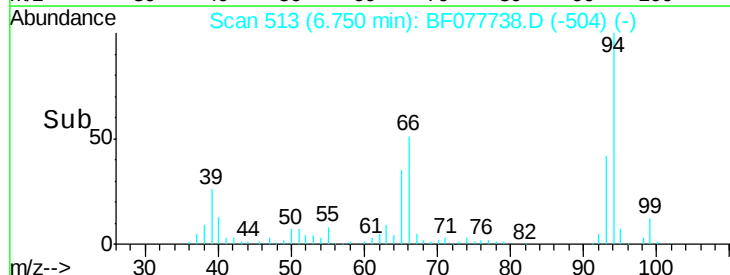
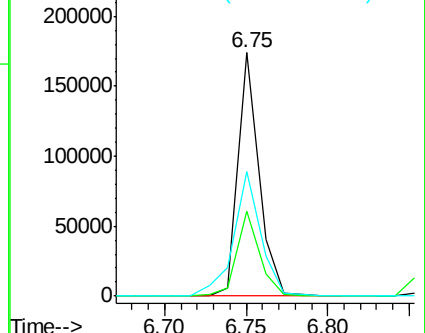
66 51.3 39.9 79.9



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

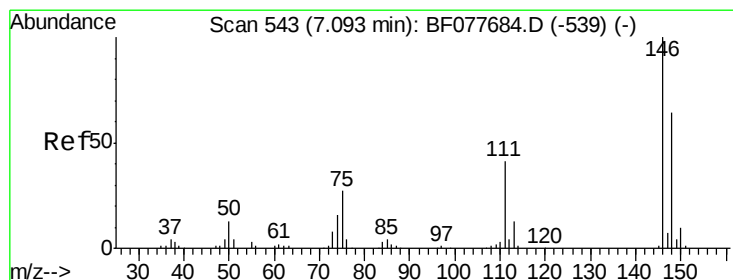
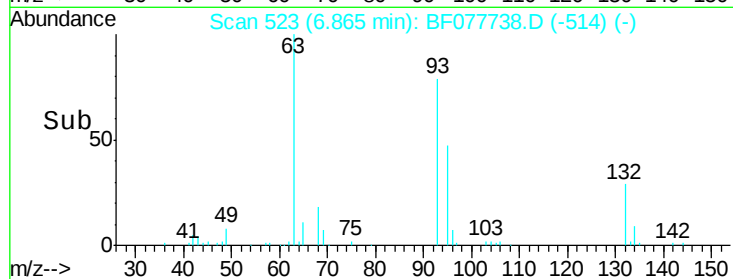
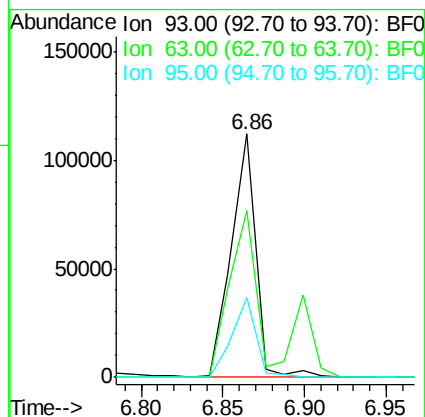
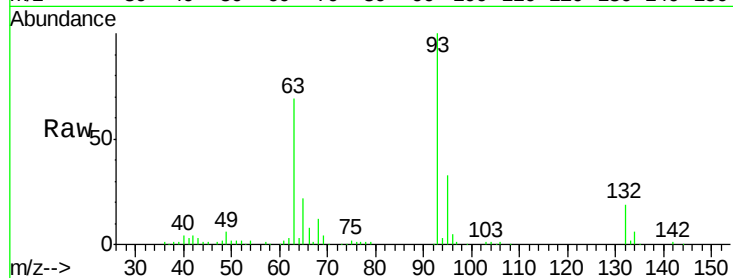




#11
bis(2-Chloroethyl)ether
Concen: 34.80 ng
RT: 6.86 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF077738.D
Acq: 13 Mar 2015 14:27

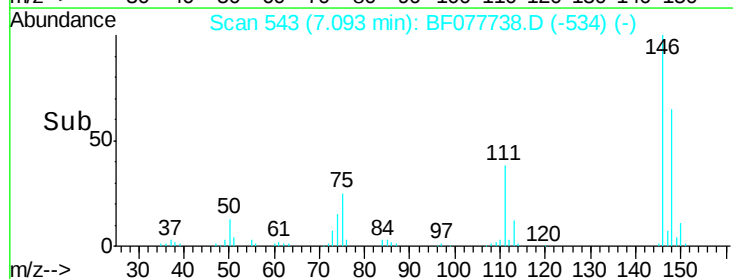
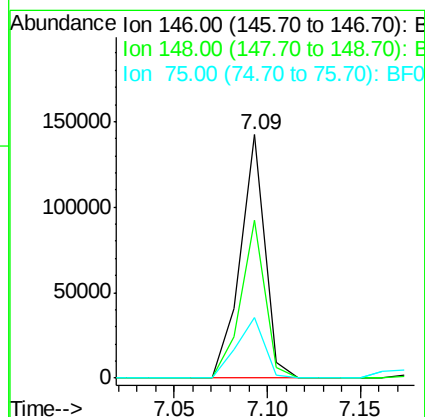
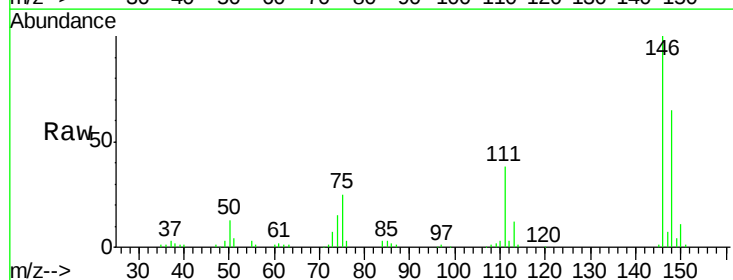
Instrument :
BNA_F
ClientSampleId :
PB82103BS

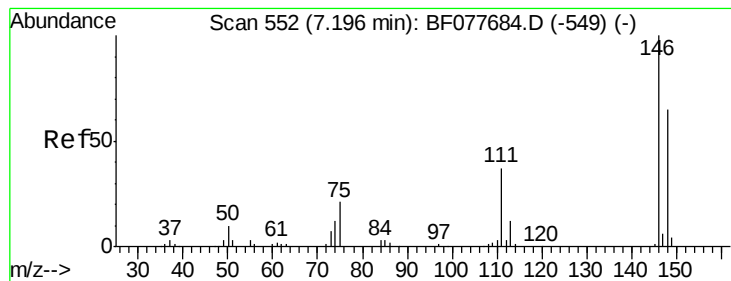
Tgt Ion: 93 Resp: 115740
Ion Ratio Lower Upper
93 100
63 68.7 49.5 89.5
95 32.7 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 32.86 ng
RT: 7.09 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF077738.D
Acq: 13 Mar 2015 14:27

Tgt Ion: 146 Resp: 132269
Ion Ratio Lower Upper
146 100
148 64.7 50.9 76.3
75 25.0 21.4 32.2





#13

1,4-Dichlorobenzene

Concen: 30.89 ng

RT: 7.18 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF077738.D

Acq: 13 Mar 2015 14:27

Instrument :

BNA_F

ClientSampleId :

PB82103BS

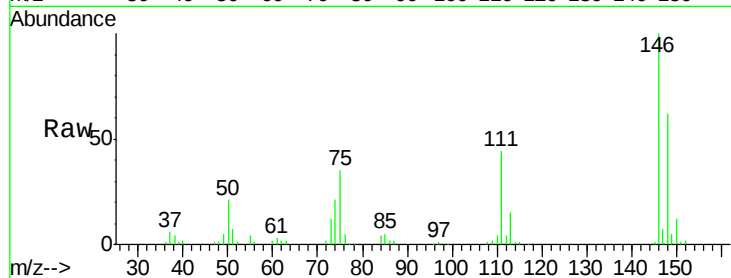
Tgt Ion:146 Resp: 129193

Ion Ratio Lower Upper

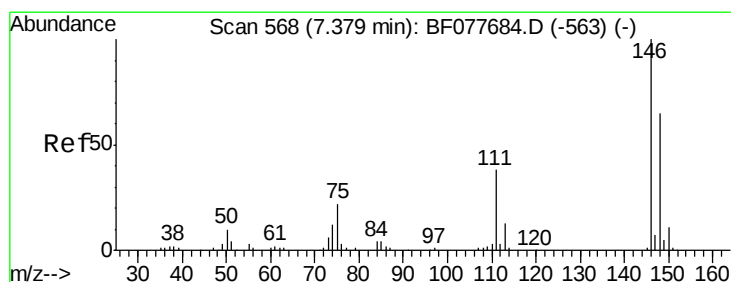
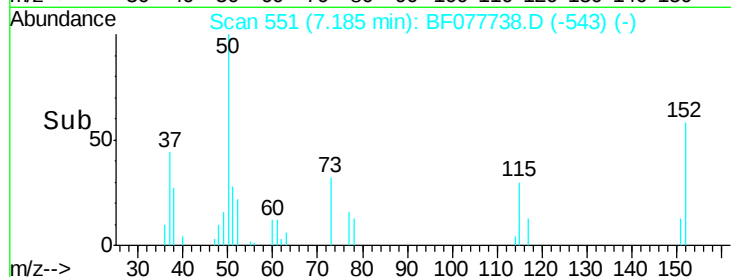
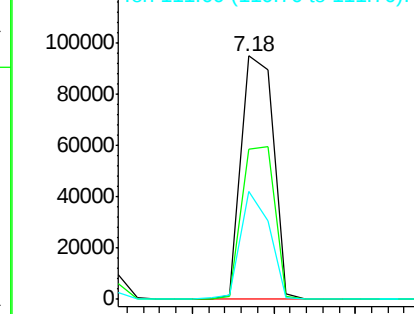
146 100

148 61.8 51.9 77.9

111 44.2 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: 32.67 ng

RT: 7.37 min Scan# 567

Delta R.T. -0.01 min

Lab File: BF077738.D

Acq: 13 Mar 2015 14:27

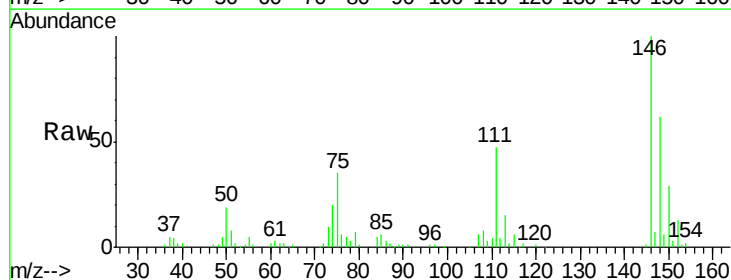
Tgt Ion:146 Resp: 125264

Ion Ratio Lower Upper

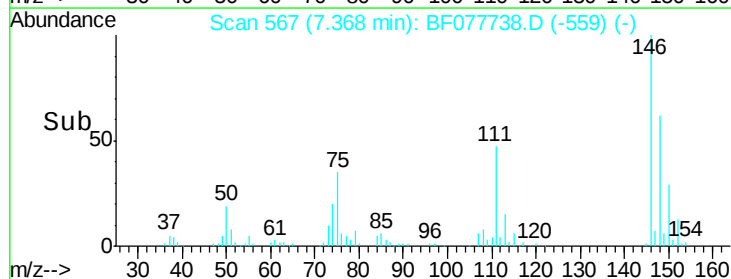
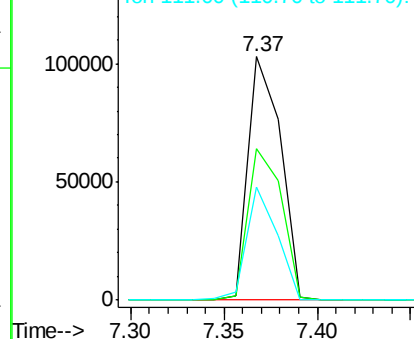
146 100

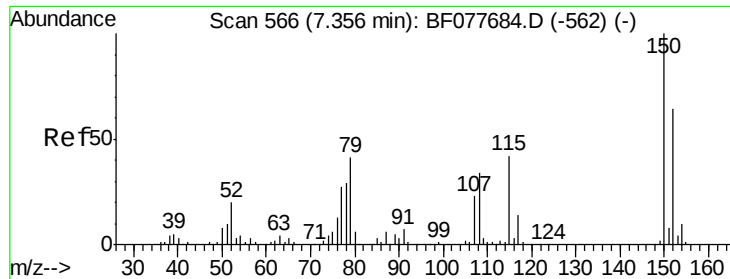
148 62.4 52.3 78.5

111 46.6 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

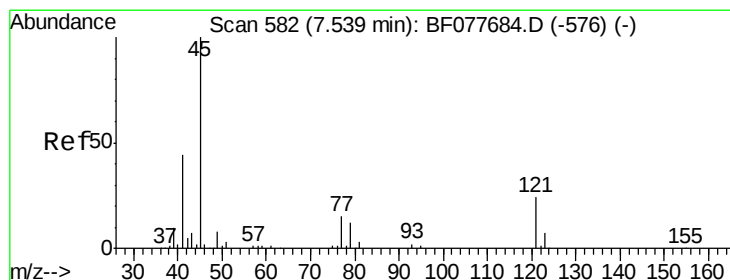
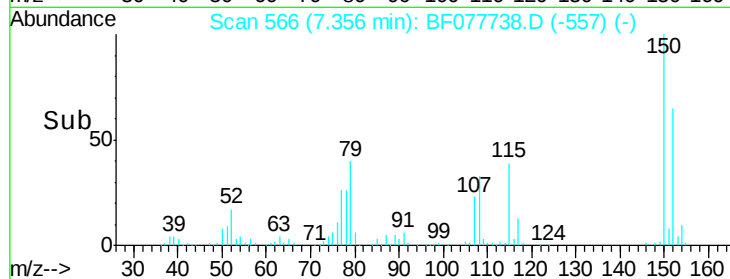
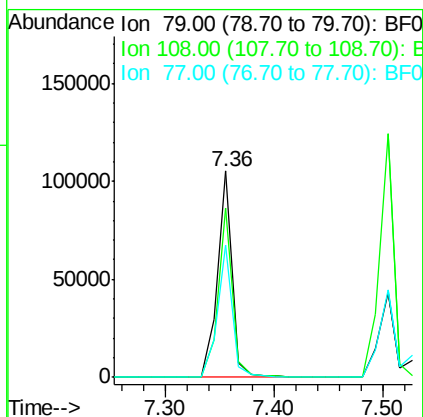
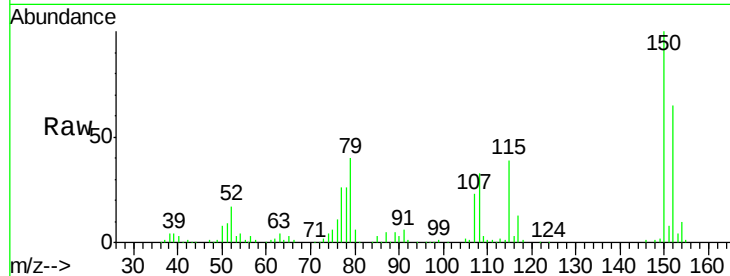




#15
Benzyl Alcohol
Concen: 34.26 ng
RT: 7.36 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF077738.D
Acq: 13 Mar 2015 14:27

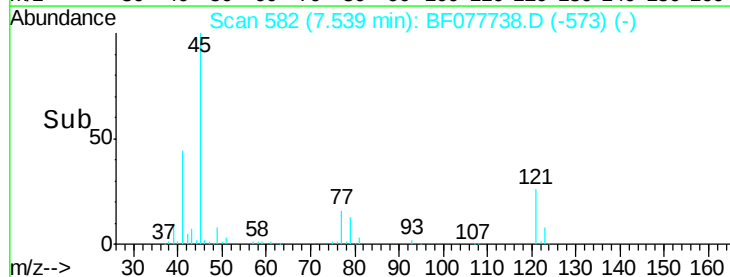
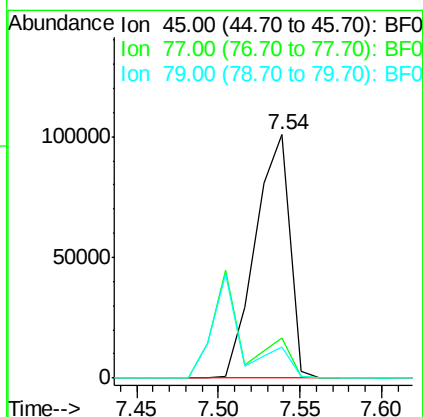
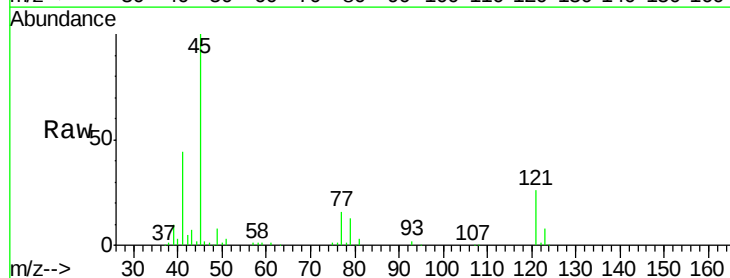
Instrument :
BNA_F
ClientSampleId :
PB82103BS

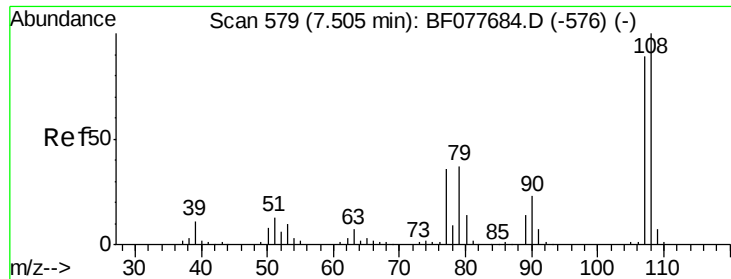
Tgt Ion: 79 Resp: 100472
Ion Ratio Lower Upper
79 100
108 82.3 65.0 97.4
77 64.3 53.0 79.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.88 ng
RT: 7.54 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF077738.D
Acq: 13 Mar 2015 14:27

Tgt Ion: 45 Resp: 147369
Ion Ratio Lower Upper
45 100
77 16.5 0.0 35.2
79 12.9 0.0 32.0

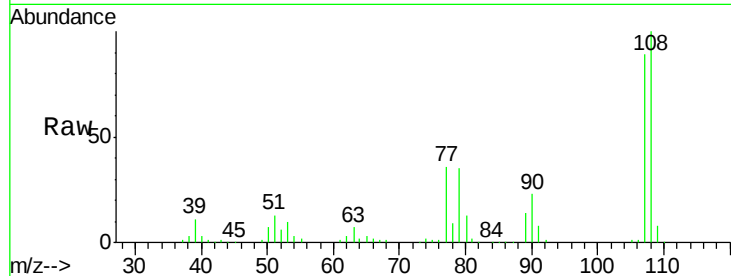




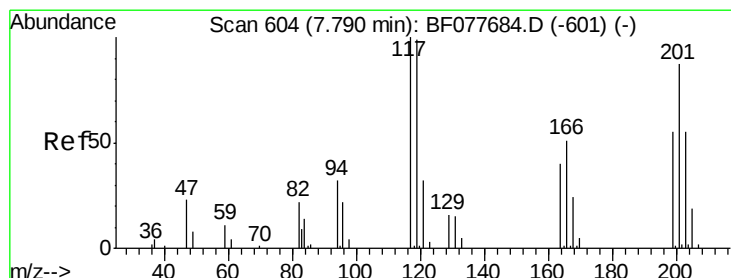
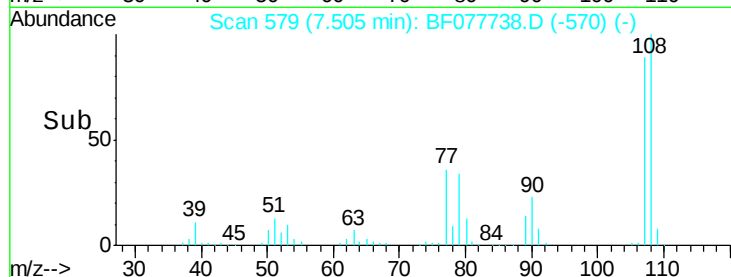
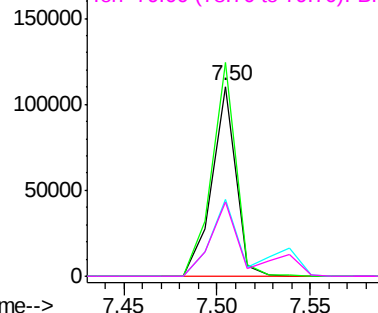
#17
2-Methylphenol
Concen: 33.75 ng
RT: 7.50 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF077738.D
Acq: 13 Mar 2015 14:27

Instrument :
BNA_F
ClientSampleId :
PB82103BS

Tgt Ion:107 Resp: 99448
Ion Ratio Lower Upper
107 100
108 112.7 89.8 134.8
77 40.3 32.6 48.8
79 39.2 32.8 49.2

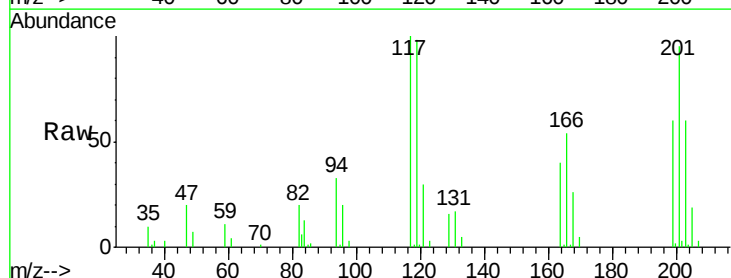


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

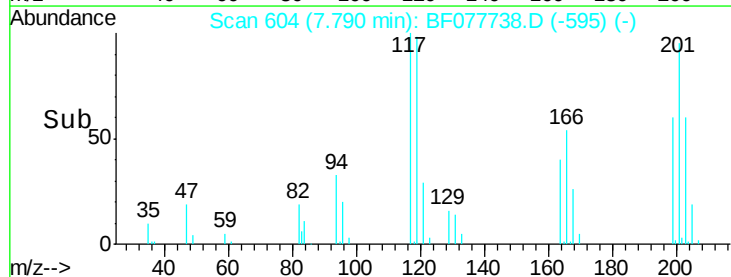
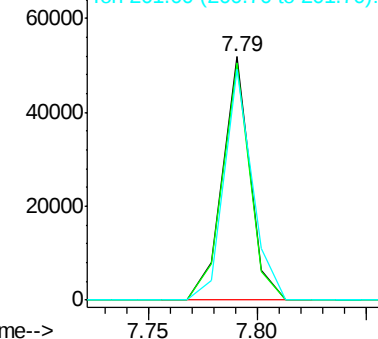


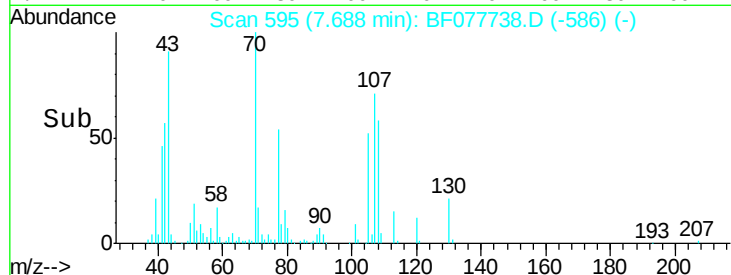
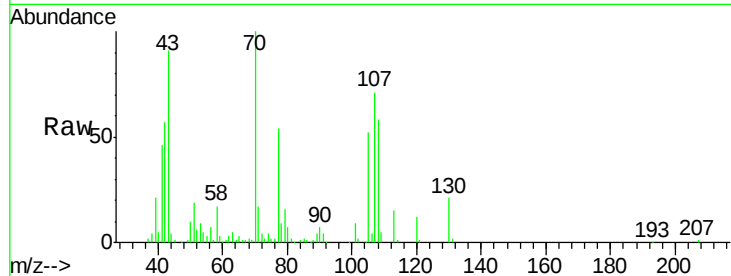
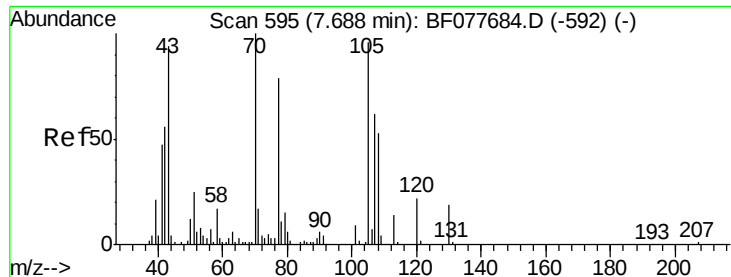
#18
Hexachloroethane
Concen: 33.16 ng
RT: 7.79 min Scan# 604
Delta R.T. 0.00 min
Lab File: BF077738.D
Acq: 13 Mar 2015 14:27

Tgt Ion:117 Resp: 45487
Ion Ratio Lower Upper
117 100
119 97.5 79.2 118.8
201 94.6 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

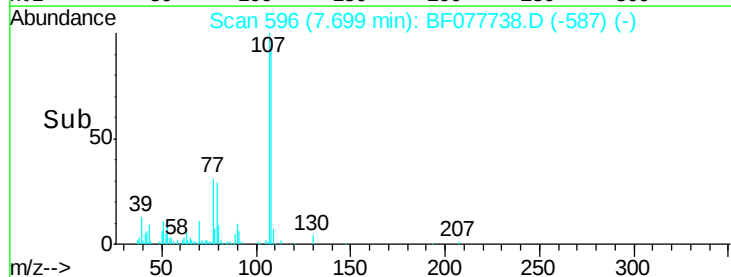
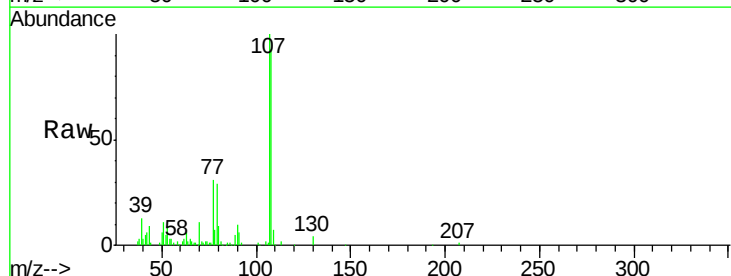
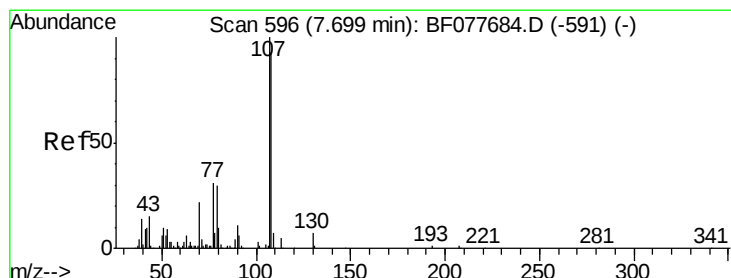
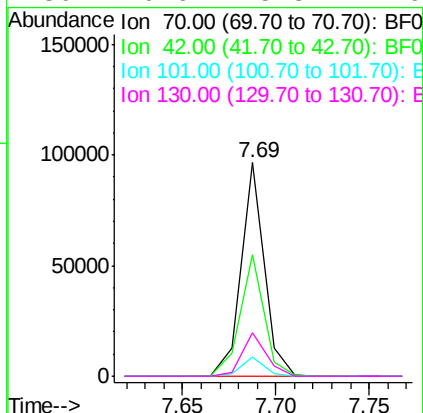




#19
n-Nitroso-di-n-propylamine
Concen: 32.24 ng
RT: 7.69 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF077738.D
Acq: 13 Mar 2015 14:27

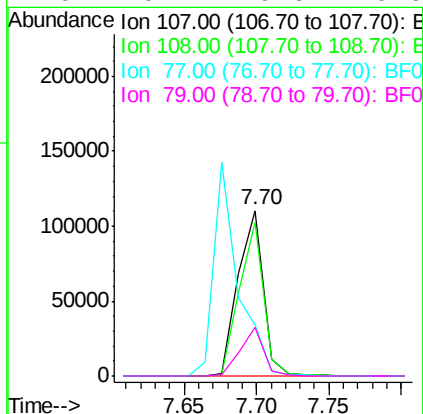
Instrument :
BNA_F
ClientSampleId :
PB82103BS

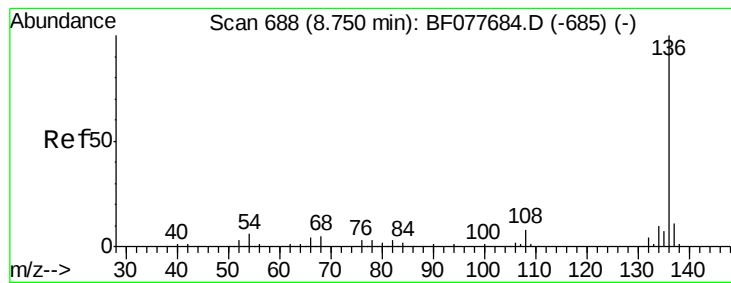
Tgt Ion:	70	Resp:	83789
Ion	Ratio	Lower	Upper
70	100		
42	56.7	44.5	66.7
101	9.0	7.4	11.2
130	20.6	15.3	22.9



#20
3+4-Methylphenols
Concen: 34.75 ng
RT: 7.70 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF077738.D
Acq: 13 Mar 2015 14:27

Tgt Ion:	107	Resp:	134369
Ion	Ratio	Lower	Upper
107	100		
108	92.9	73.2	113.2
77	30.8	10.7	50.7
79	29.2	9.6	49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.75 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF077738.D

Acq: 13 Mar 2015 14:27

Instrument :

BNA_F

ClientSampleId :

PB82103BS

Tgt Ion:136 Resp: 222475

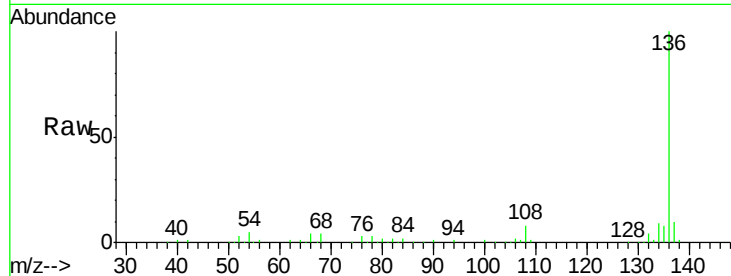
Ion Ratio Lower Upper

136 100

137 10.2 8.7 13.1

54 5.1 4.6 6.8

68 4.4 3.7 5.5

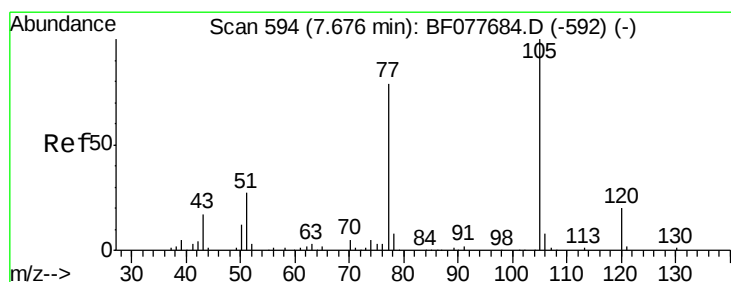
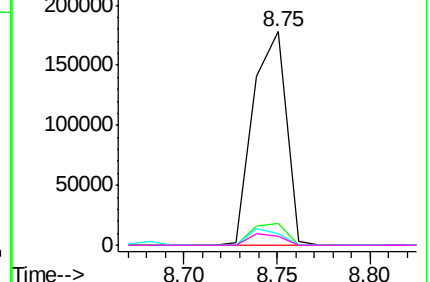
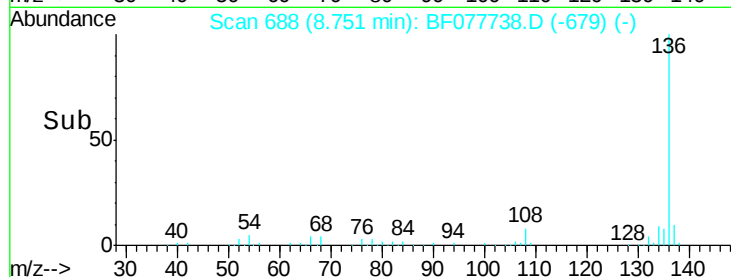


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.46 ng

RT: 7.68 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF077738.D

Acq: 13 Mar 2015 14:27

Tgt Ion:105 Resp: 169741

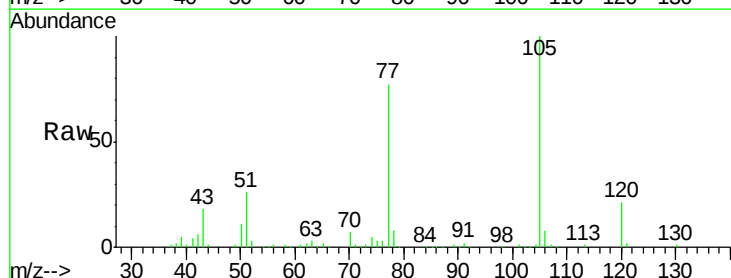
Ion Ratio Lower Upper

105 100

71 1.2 0.6 1.0#

51 26.0 21.6 32.4

120 20.8 16.1 24.1

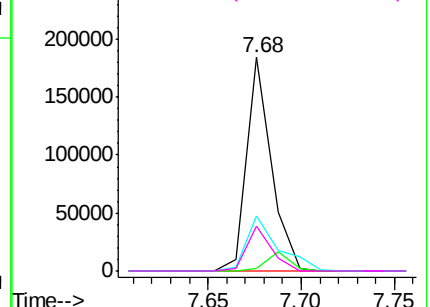
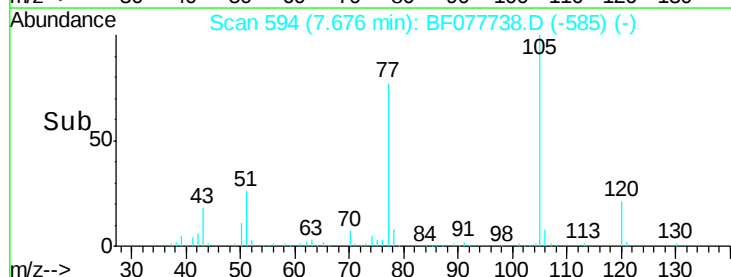


Abundance Ion 105.00 (104.70 to 105.70): E

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

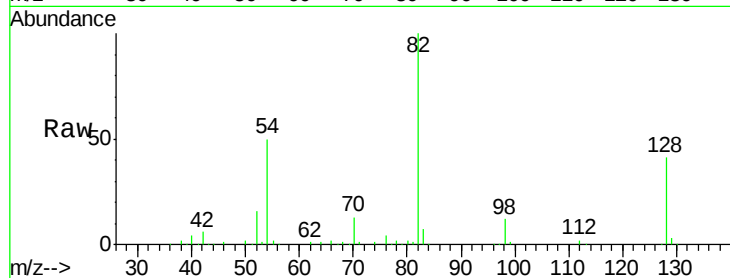




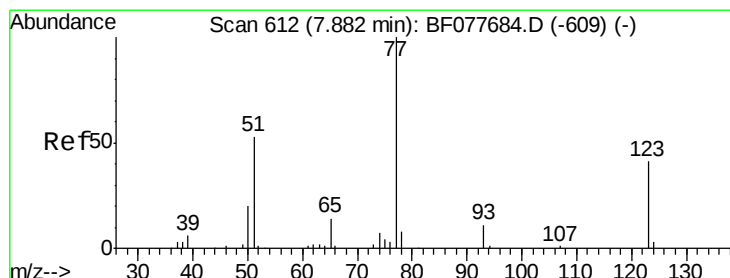
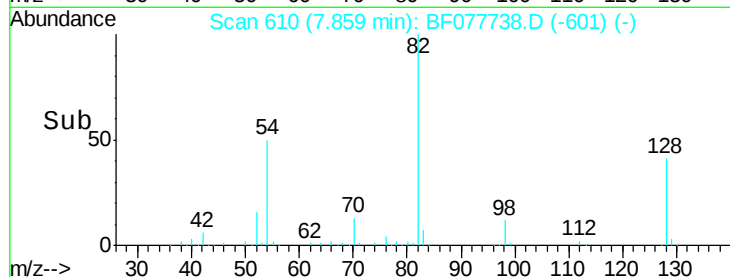
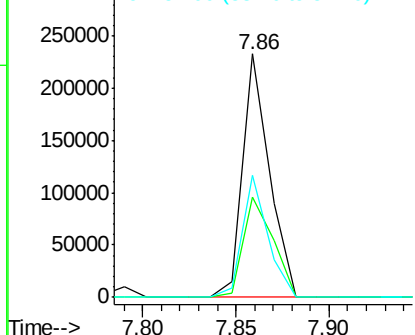
#23
 Nitrobenzene-d5
 Concen: 68.48 ng
 RT: 7.86 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF077738.D
 Acq: 13 Mar 2015 14:27

Instrument :
 BNA_F
 ClientSampleId :
 PB82103BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.2	32.8	49.2
54	50.3	40.6	60.8

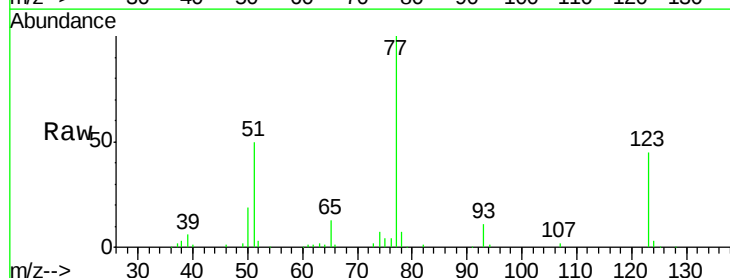


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

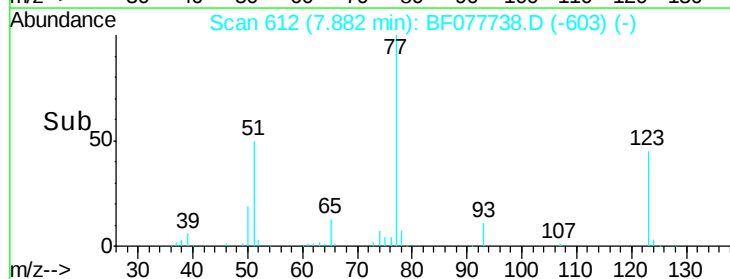
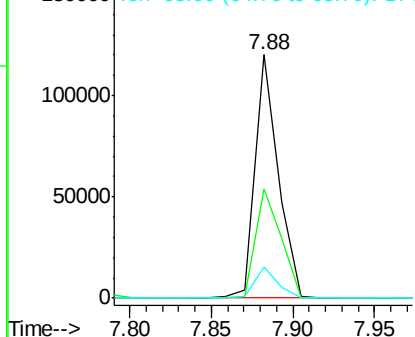


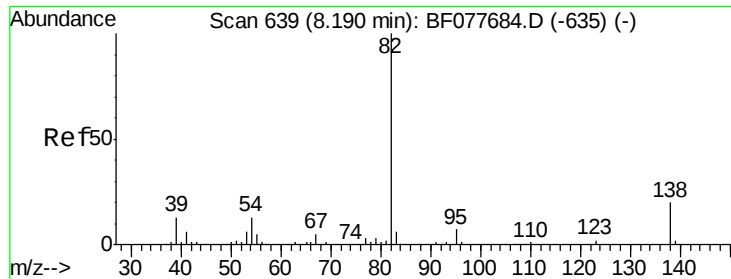
#24
 Nitrobenzene
 Concen: 32.41 ng
 RT: 7.88 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF077738.D
 Acq: 13 Mar 2015 14:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.6	32.6	49.0
65	13.0	10.9	16.3



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





#25

Isophorone

Concen: 32.43 ng

RT: 8.18 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF077738.D

Acq: 13 Mar 2015 14:27

Instrument :

BNA_F

ClientSampleId :

PB82103BS

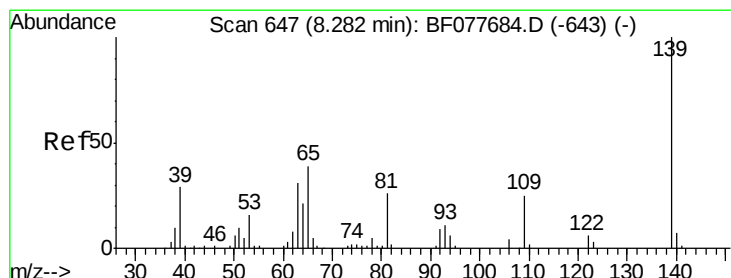
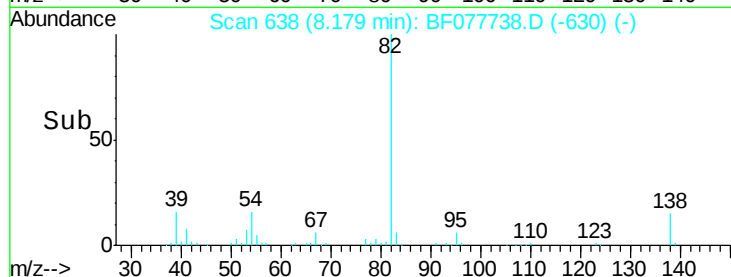
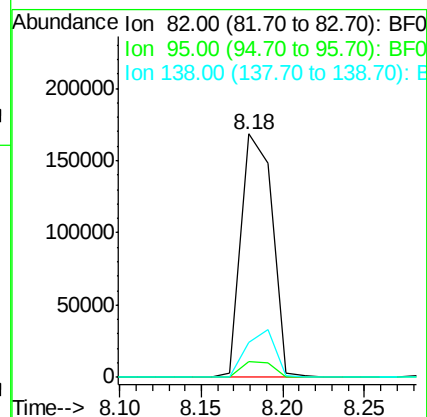
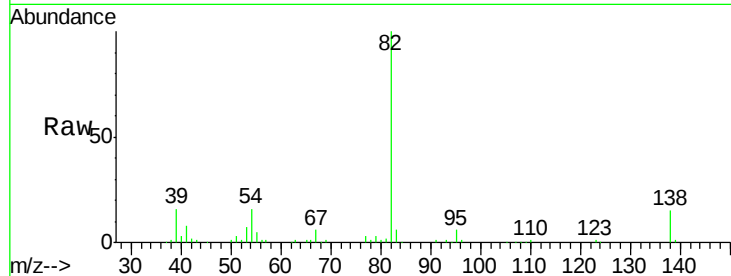
Tgt Ion: 82 Resp: 222255

Ion Ratio Lower Upper

82 100

95 6.3 5.8 8.6

138 14.6 16.3 24.5#



#26

2-Nitrophenol

Concen: 33.32 ng

RT: 8.28 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF077738.D

Acq: 13 Mar 2015 14:27

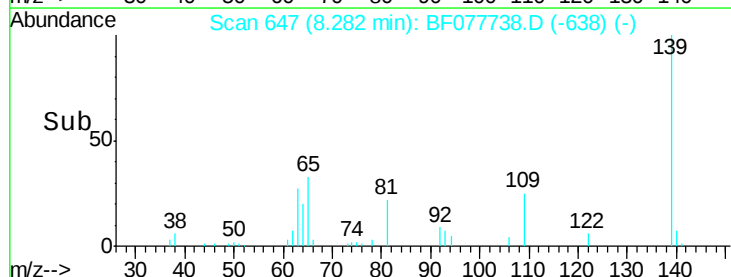
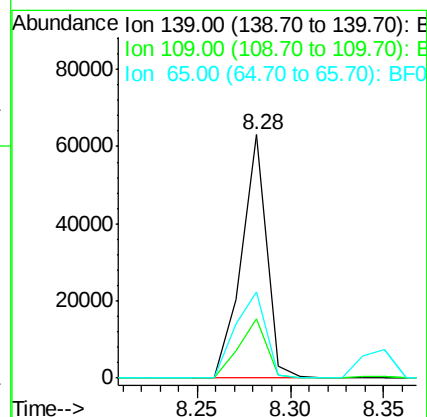
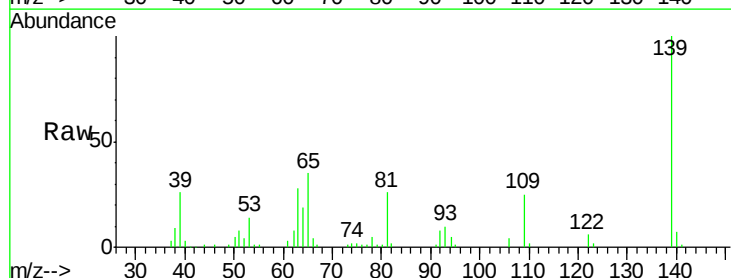
Tgt Ion: 139 Resp: 59643

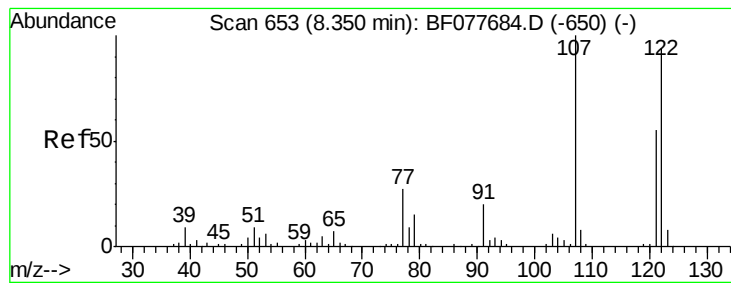
Ion Ratio Lower Upper

139 100

109 24.5 20.1 30.1

65 35.3 31.5 47.3

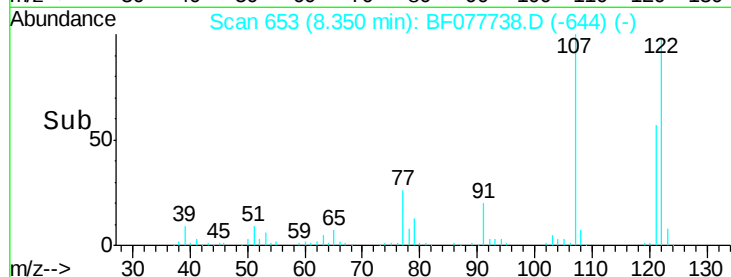
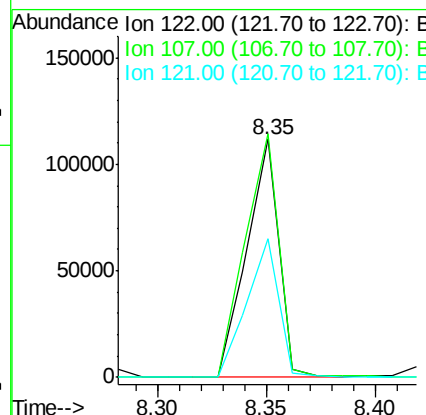
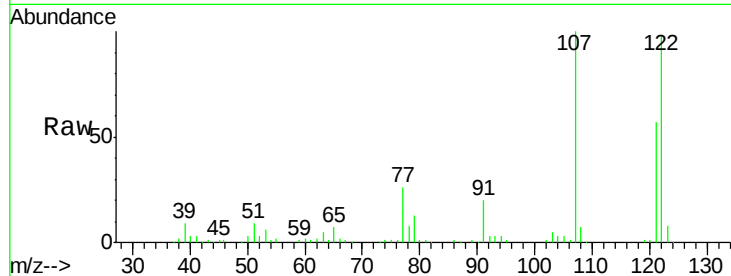




#27
 2,4-Dimethylphenol
 Concen: 34.89 ng
 RT: 8.35 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF077738.D
 Acq: 13 Mar 2015 14:27

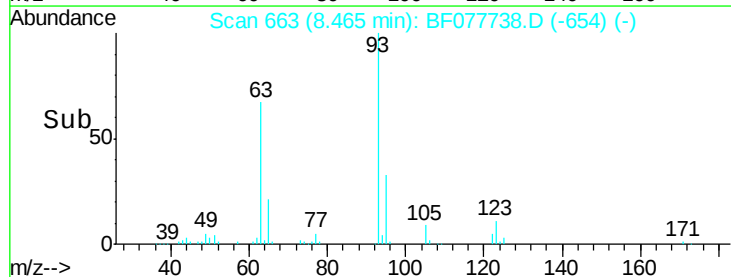
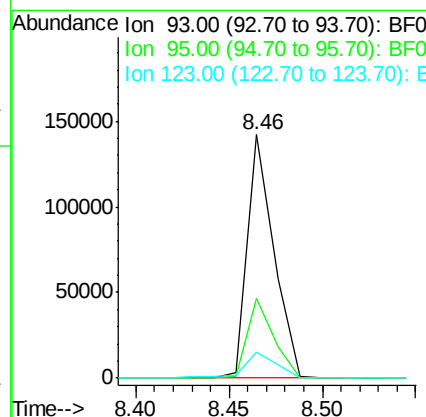
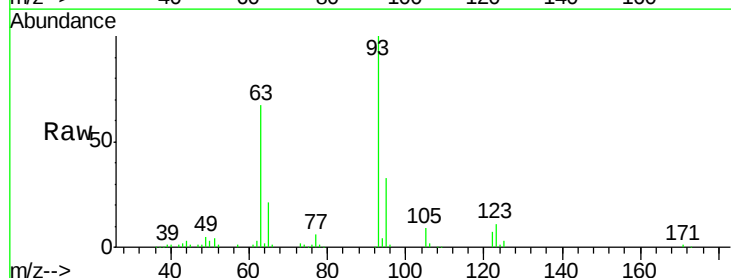
Instrument :
 BNA_F
 ClientSampleId :
 PB82103BS

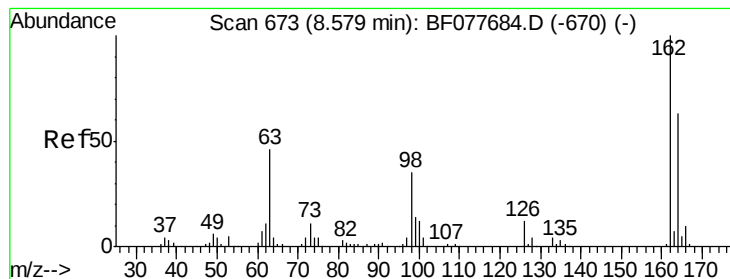
Tgt Ion: 122 Resp: 113778
 Ion Ratio Lower Upper
 122 100
 107 102.2 84.7 127.1
 121 58.1 46.6 69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.62 ng
 RT: 8.46 min Scan# 663
 Delta R.T. 0.00 min
 Lab File: BF077738.D
 Acq: 13 Mar 2015 14:27

Tgt Ion: 93 Resp: 139869
 Ion Ratio Lower Upper
 93 100
 95 32.8 25.5 38.3
 123 10.7 8.6 13.0

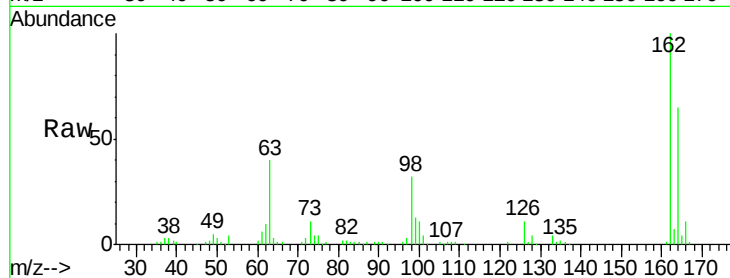




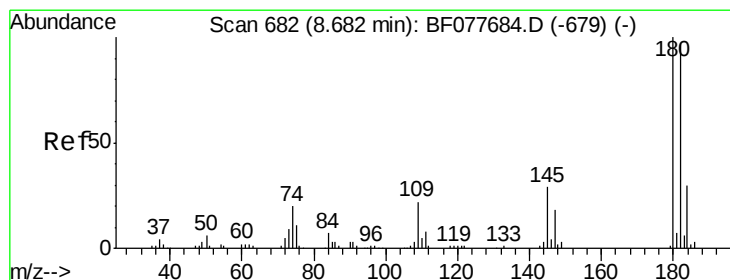
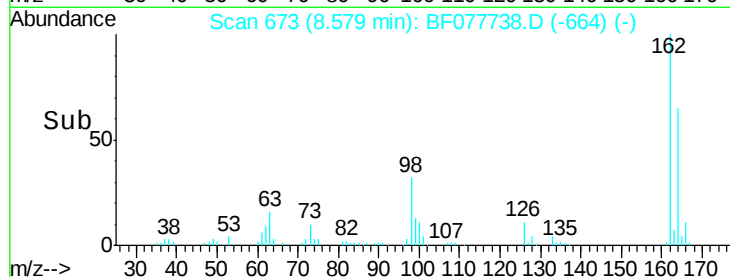
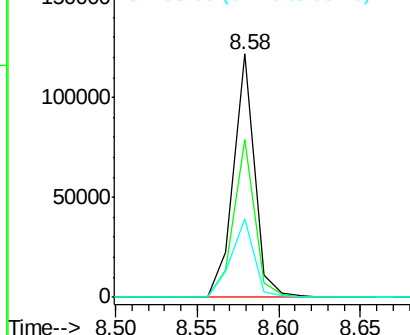
#29
 2,4-Dichlorophenol
 Concen: 34.98 ng
 RT: 8.58 min Scan# 673
 Delta R.T. 0.00 min
 Lab File: BF077738.D
 Acq: 13 Mar 2015 14:27

Instrument :
 BNA_F
 ClientSampleId :
 PB82103BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.1	42.8	82.8
98	32.4	14.5	54.5

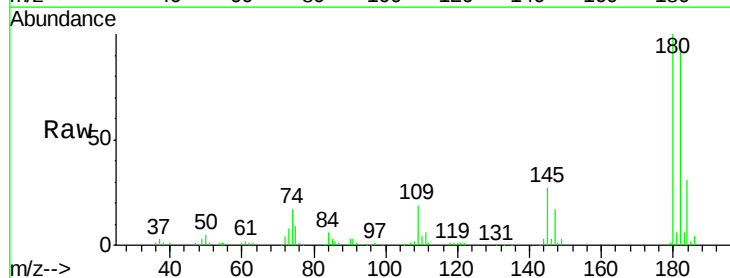


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

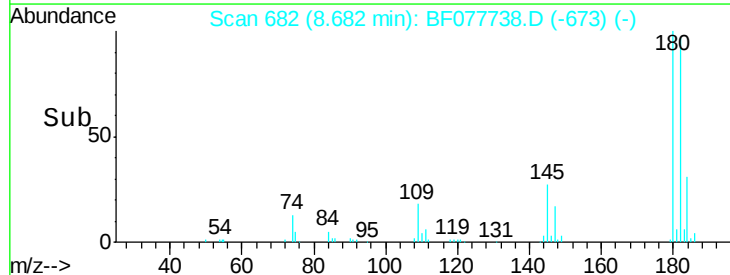
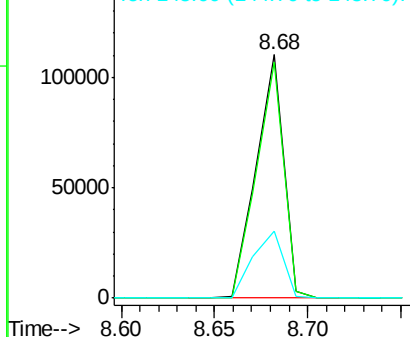


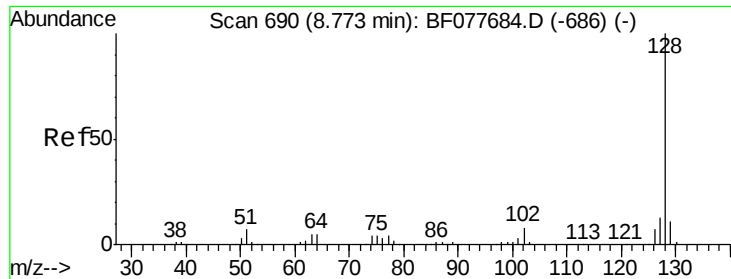
#30
 1,2,4-Trichlorobenzene
 Concen: 32.20 ng
 RT: 8.68 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF077738.D
 Acq: 13 Mar 2015 14:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	77.6	116.4
145	27.4	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

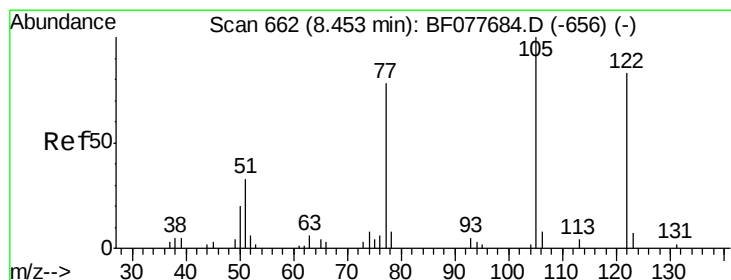
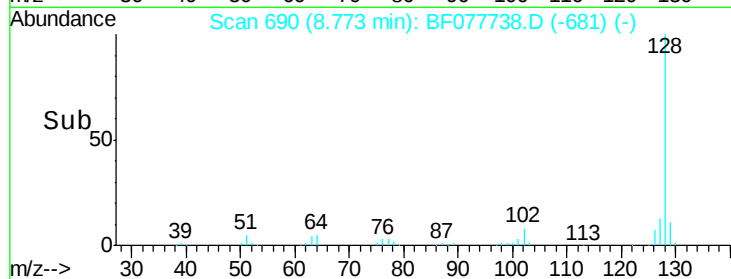
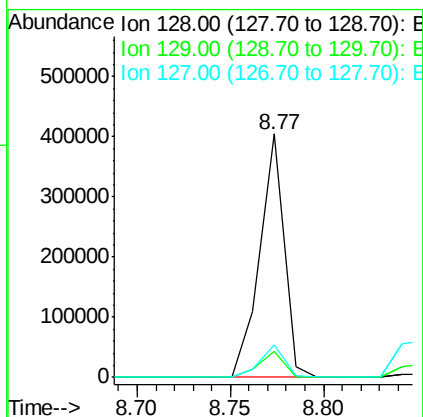
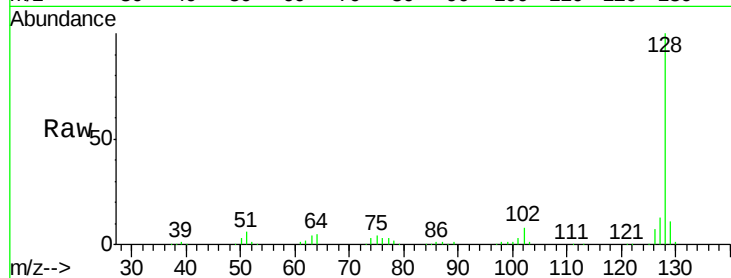




#31
Naphthalene
Concen: 32.00 ng
RT: 8.77 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF077738.D
Acq: 13 Mar 2015 14:27

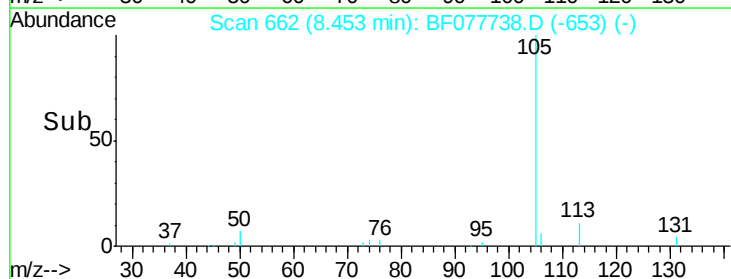
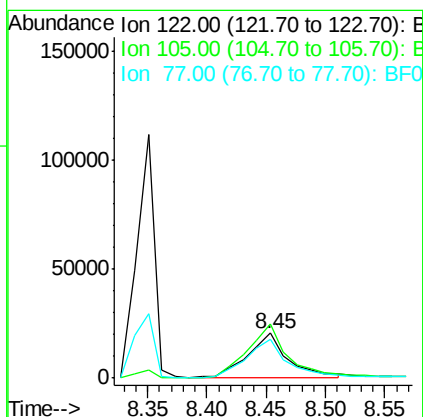
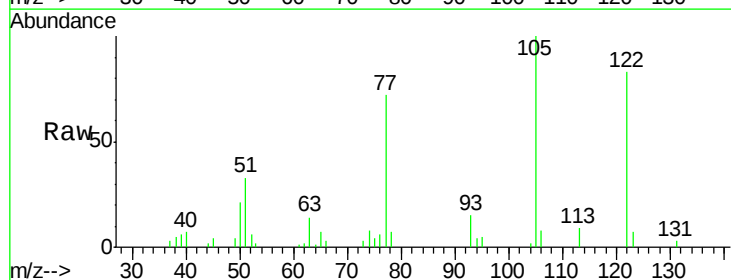
Instrument :
BNA_F
ClientSampleId :
PB82103BS

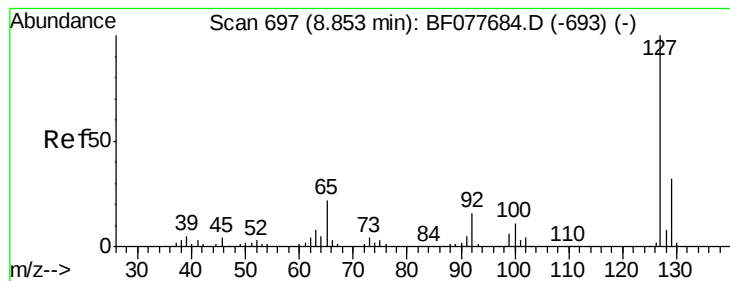
Tgt Ion:128 Resp: 365618
Ion Ratio Lower Upper
128 100
129 10.6 8.9 13.3
127 13.2 10.4 15.6



#32
Benzoic acid
Concen: 27.16 ng
RT: 8.45 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF077738.D
Acq: 13 Mar 2015 14:27

Tgt Ion:122 Resp: 46792
Ion Ratio Lower Upper
122 100
105 119.9 99.9 139.9
77 86.7 73.7 113.7

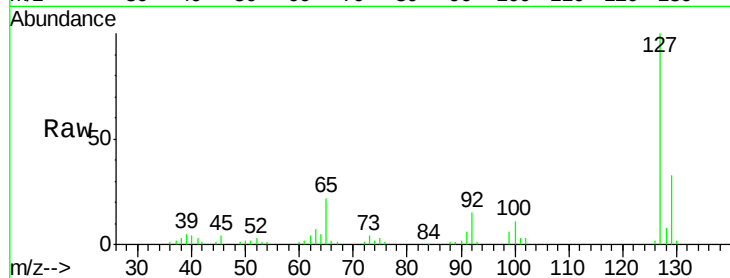




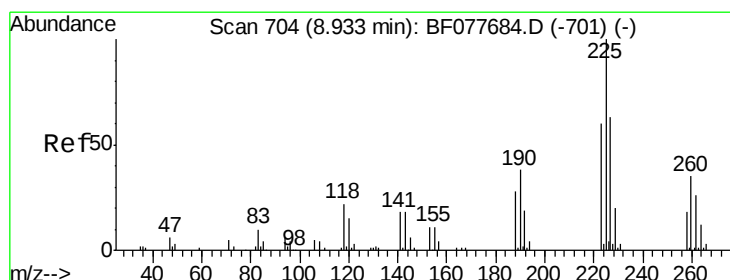
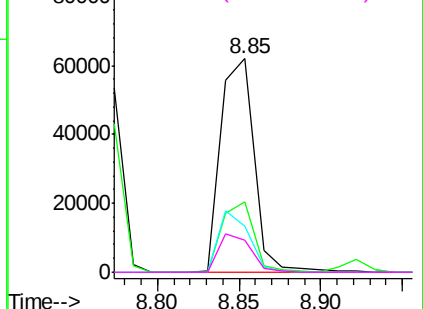
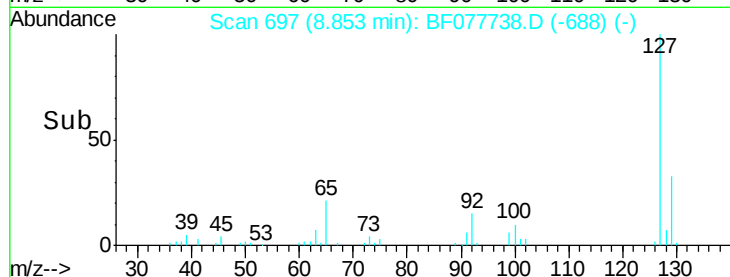
#33
4-Chloroaniline
Concen: 18.96 ng
RT: 8.85 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF077738.D
Acq: 13 Mar 2015 14:27

Instrument :
BNA_F
ClientSampleId :
PB82103BS

Tgt Ion:	127	Resp:	87930
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.3	37.9
65	21.7	17.6	26.4
92	15.0	13.1	19.7

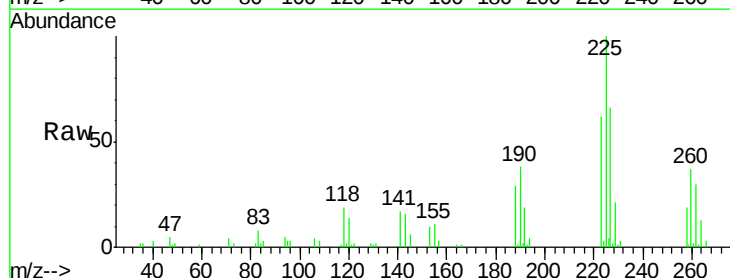


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

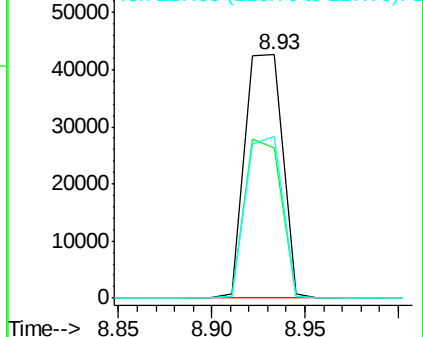
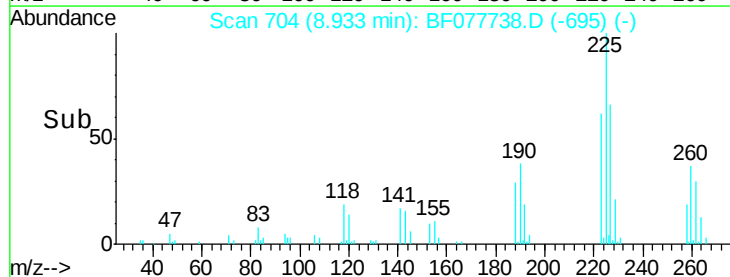


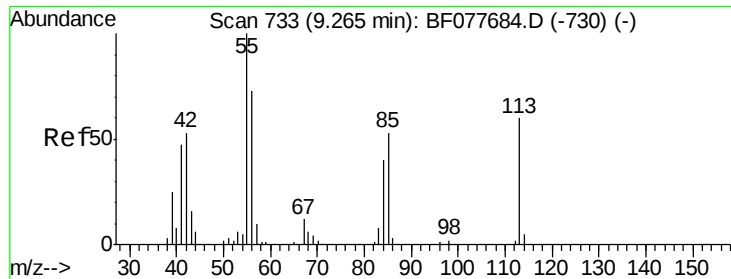
#34
Hexachlorobutadiene
Concen: 30.04 ng
RT: 8.93 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF077738.D
Acq: 13 Mar 2015 14:27

Tgt Ion:	225	Resp:	59226
Ion	Ratio	Lower	Upper
225	100		
223	61.6	47.9	71.9
227	66.2	50.1	75.1



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

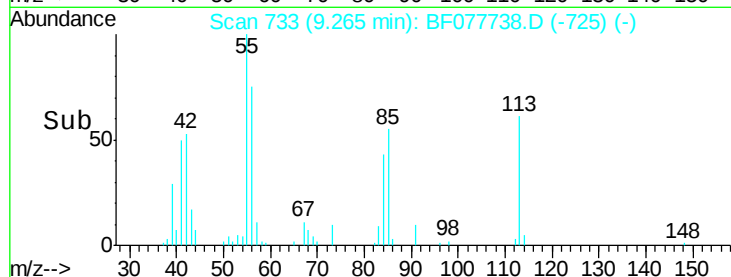
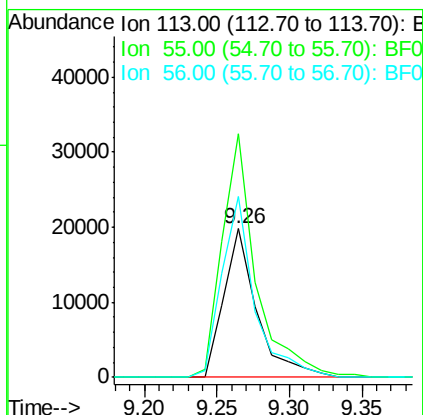
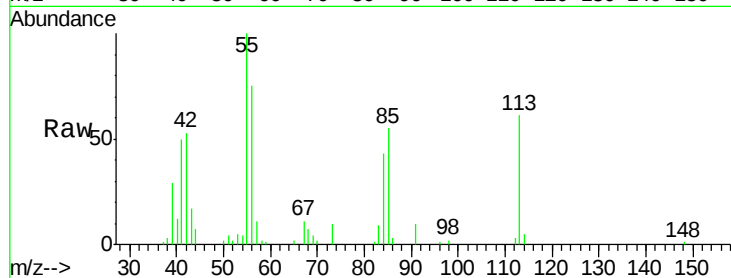




#35
 Caprolactam
 Concen: 34.56 ng
 RT: 9.26 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF077738.D
 Acq: 13 Mar 2015 14:27

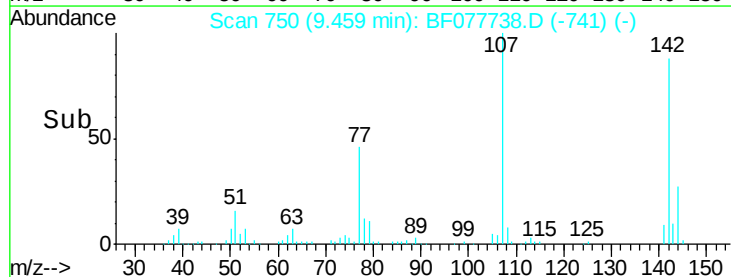
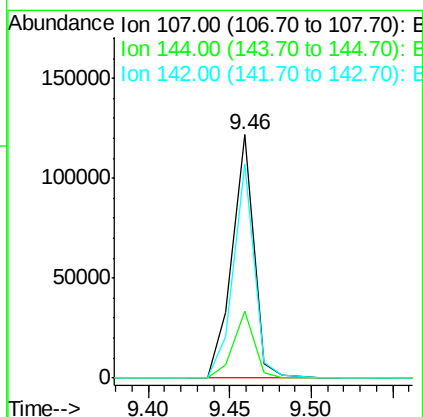
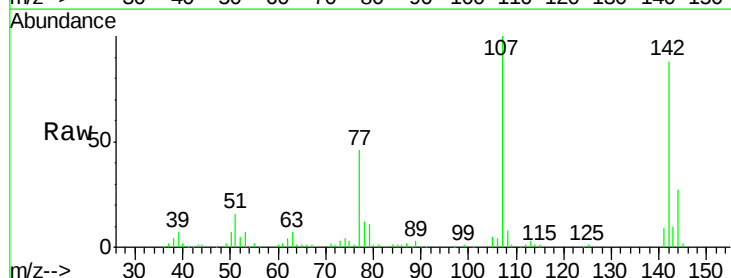
Instrument :
 BNA_F
 ClientSampleId :
 PB82103BS

Tgt Ion:113 Resp: 31397
 Ion Ratio Lower Upper
 113 100
 55 164.0 145.9 185.9
 56 122.3 101.0 141.0



#36
 4-Chloro-3-methylphenol
 Concen: 36.23 ng
 RT: 9.46 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF077738.D
 Acq: 13 Mar 2015 14:27

Tgt Ion:107 Resp: 113309
 Ion Ratio Lower Upper
 107 100
 144 27.3 23.3 34.9
 142 87.8 72.6 109.0





#37

2-Methylnaphthalene

Concen: 33.92 ng

RT: 9.63 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF077738.D

Acq: 13 Mar 2015 14:27

Instrument :

BNA_F

ClientSampleId :

PB82103BS

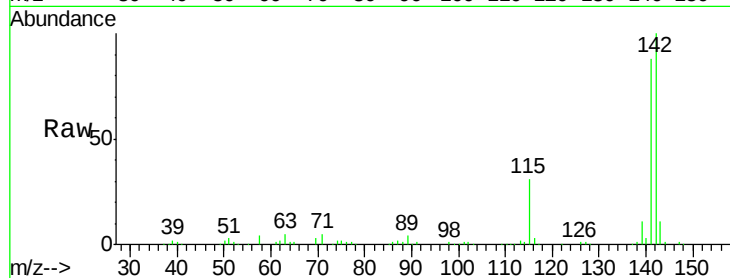
Tgt Ion:142 Resp: 260377

Ion Ratio Lower Upper

142 100

141 88.4 71.9 107.9

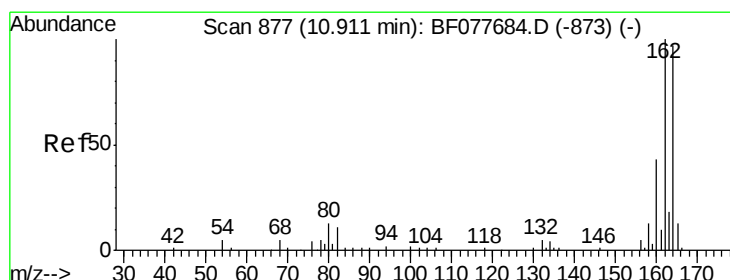
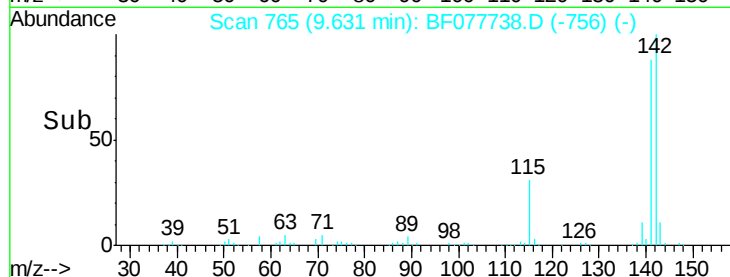
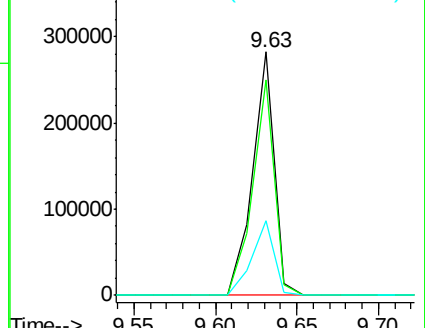
115 30.7 25.4 38.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.91 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF077738.D

Acq: 13 Mar 2015 14:27

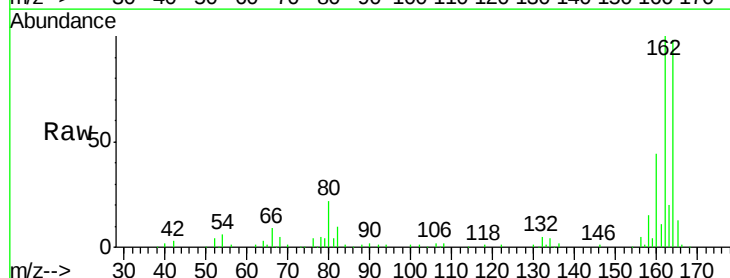
Tgt Ion:164 Resp: 116115

Ion Ratio Lower Upper

164 100

162 101.7 82.4 123.6

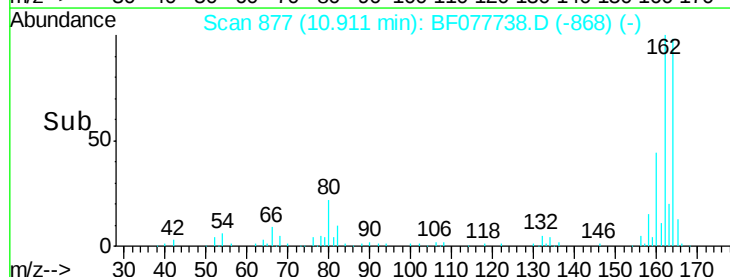
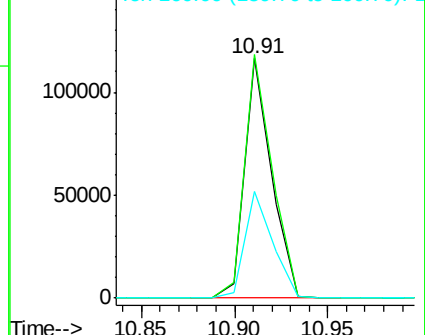
160 44.6 35.8 53.6

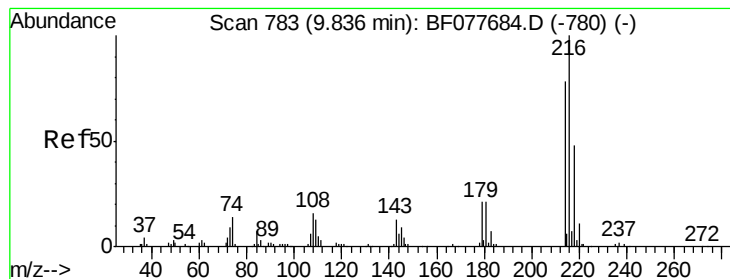


Abundance Ion 164.00 (163.70 to 164.70): E

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: 31.87 ng

RT: 9.84 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF077738.D

Acq: 13 Mar 2015 14:27

Instrument :

BNA_F

ClientSampleId :

PB82103BS

Tgt Ion:216 Resp: 110374

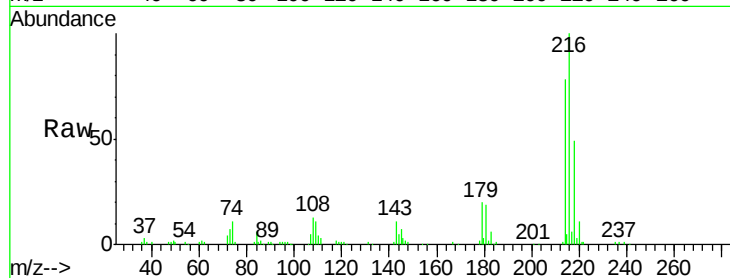
Ion Ratio Lower Upper

216 100

214 78.0 0.0 0.0#

179 21.1 0.0 0.0#

108 20.0 0.0 0.0#

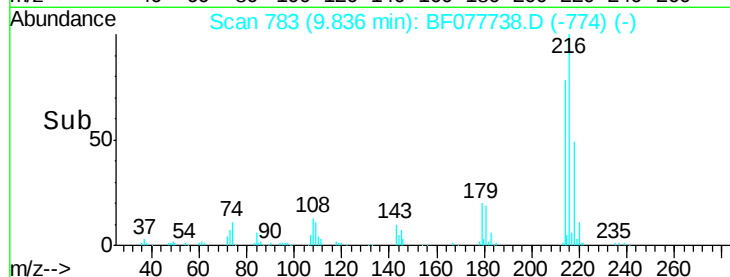


Abundance Ion 216.00 (215.70 to 216.70): E

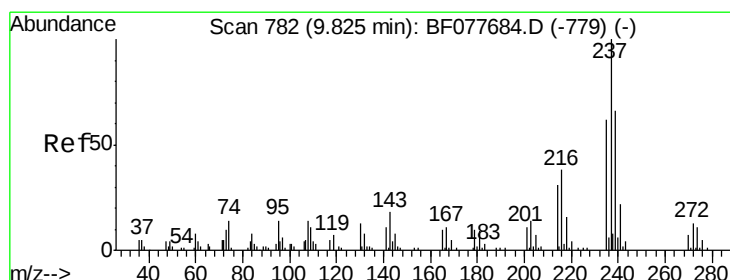
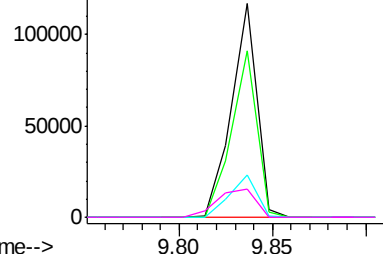
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 63.01 ng

RT: 9.82 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF077738.D

Acq: 13 Mar 2015 14:27

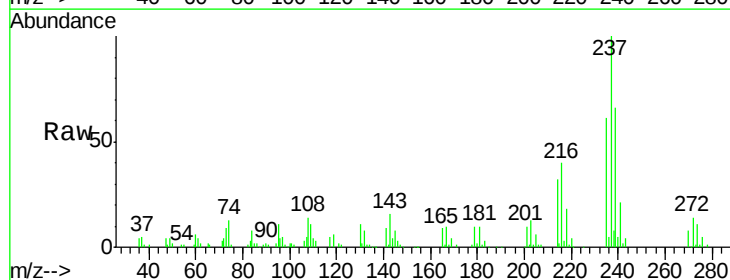
Tgt Ion:237 Resp: 108034

Ion Ratio Lower Upper

237 100

235 61.2 42.0 82.0

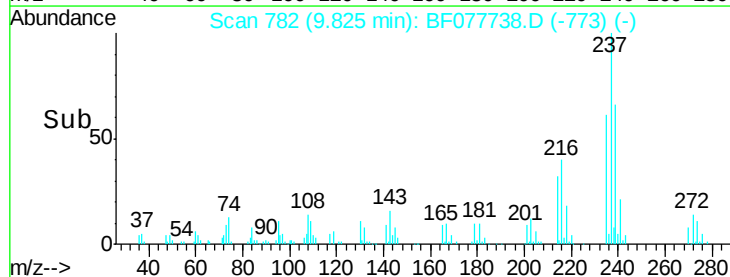
272 13.8 0.0 33.4



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



Time-->

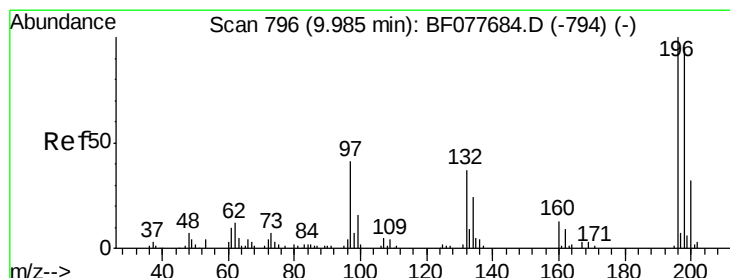
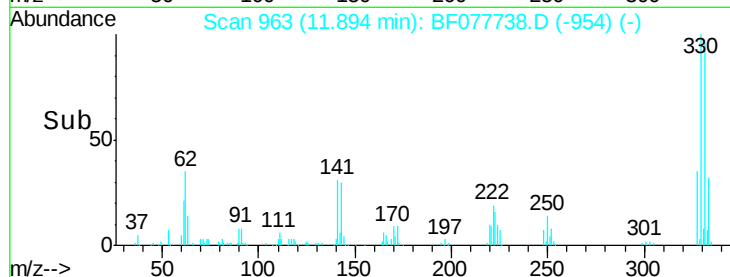
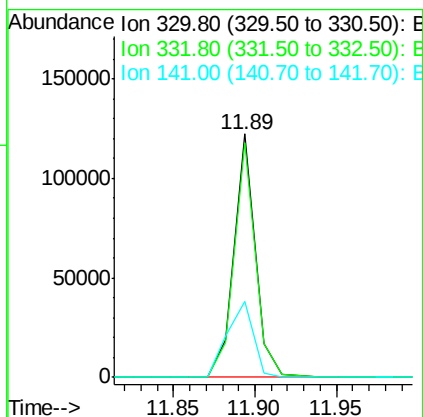
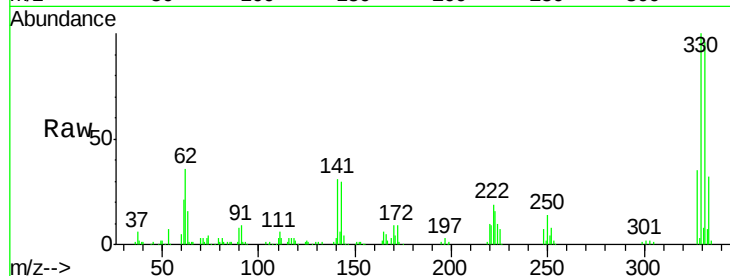




#41
 2,4,6-Tribromophenol
 Concen: 99.25 ng
 RT: 11.89 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF077738.D
 Acq: 13 Mar 2015 14:27

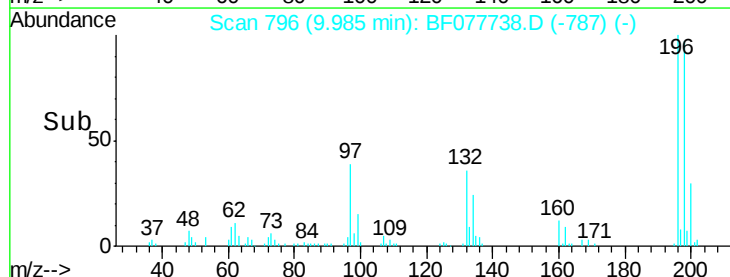
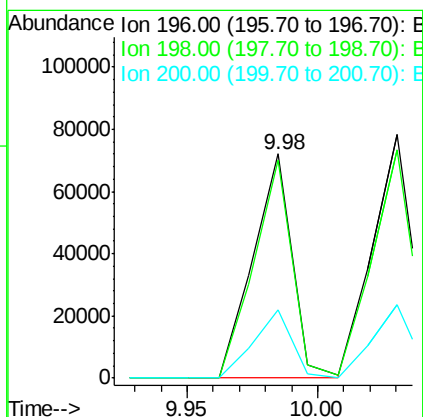
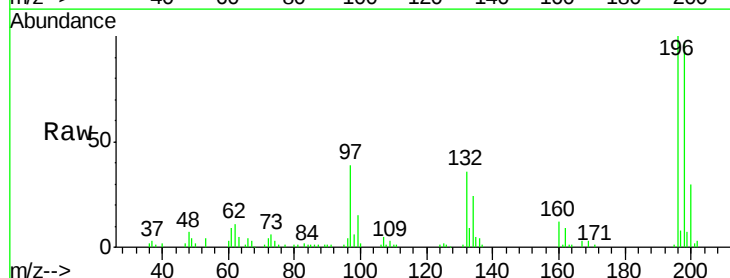
Instrument :
 BNA_F
 ClientSampleId :
 PB82103BS

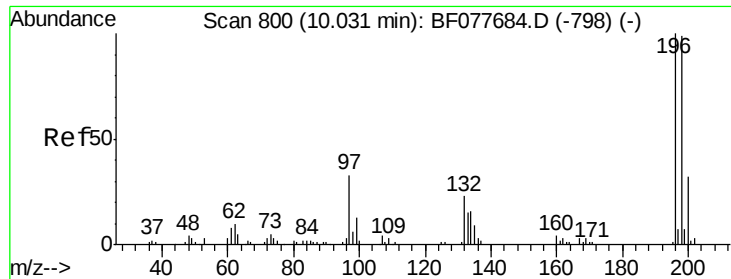
Tgt Ion:330 Resp: 110259
 Ion Ratio Lower Upper
 330 100
 332 96.6 0.0 0.0#
 141 38.2 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 31.56 ng
 RT: 9.98 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF077738.D
 Acq: 13 Mar 2015 14:27

Tgt Ion:196 Resp: 75714
 Ion Ratio Lower Upper
 196 100
 198 97.1 76.3 114.5
 200 30.4 25.6 38.4

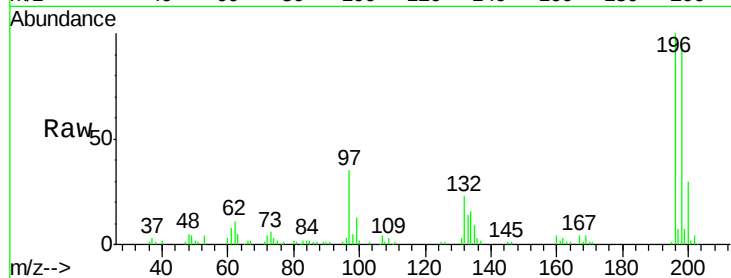




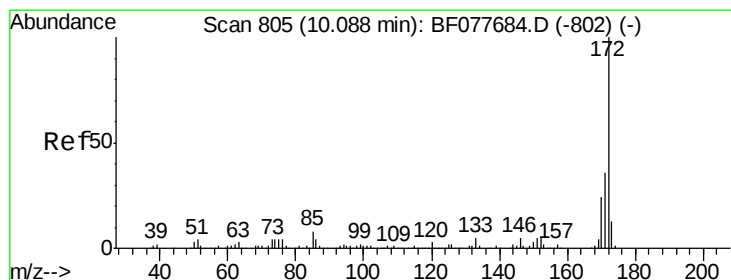
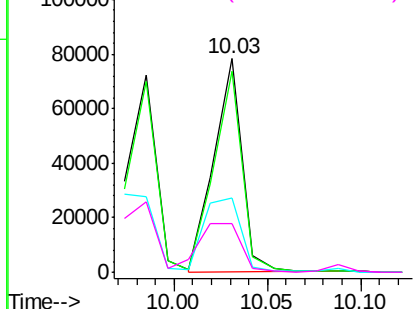
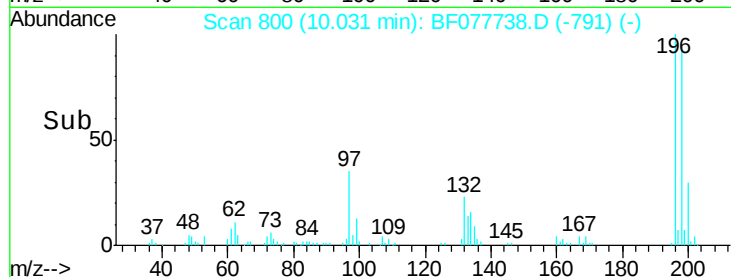
#43
 2,4,5-Trichlorophenol
 Concen: 31.91 ng
 RT: 10.03 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF077738.D
 Acq: 13 Mar 2015 14:27

Instrument :
 BNA_F
 ClientSampleId :
 PB82103BS

Tgt Ion:196 Resp: 82694
 Ion Ratio Lower Upper
 196 100
 198 94.0 79.4 119.0
 97 34.8 26.8 40.2
 132 22.9 18.6 28.0

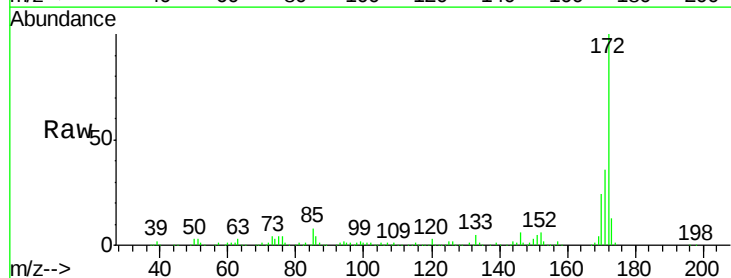


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

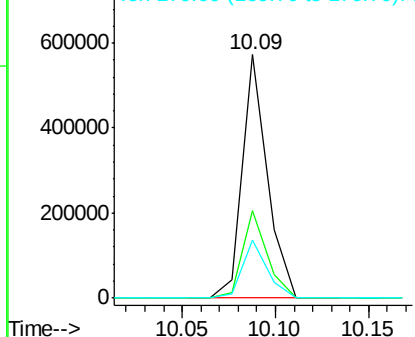
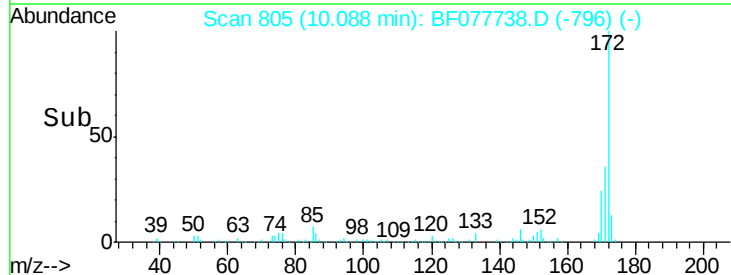


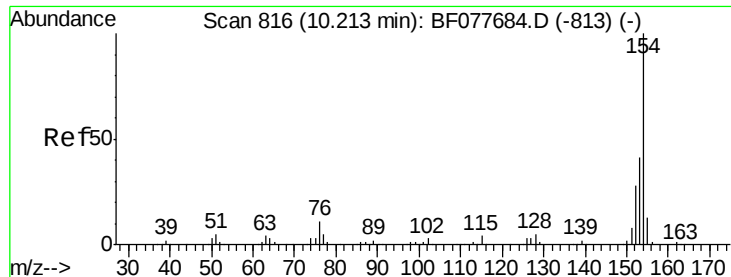
#44
 2-Fluorobiphenyl
 Concen: 67.41 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077738.D
 Acq: 13 Mar 2015 14:27

Tgt Ion:172 Resp: 532575
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.5 42.7
 170 23.8 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

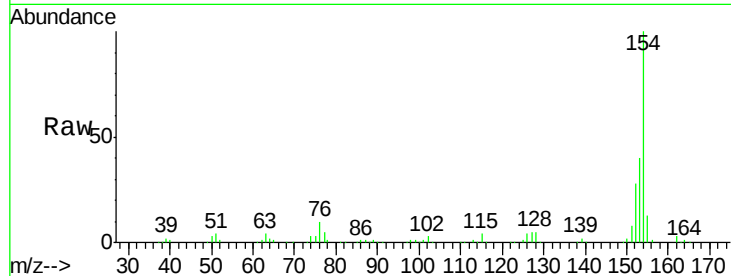




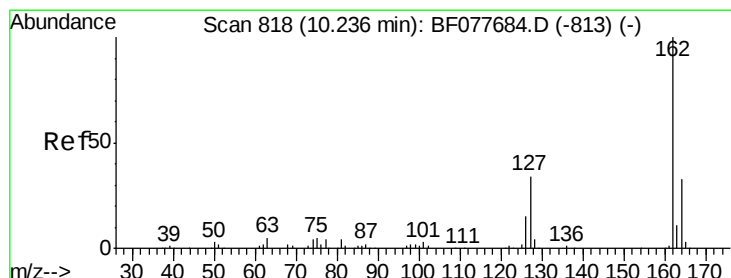
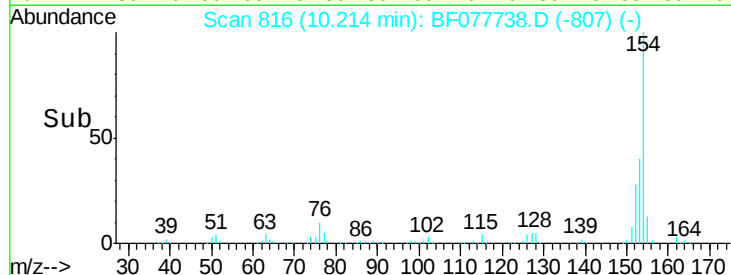
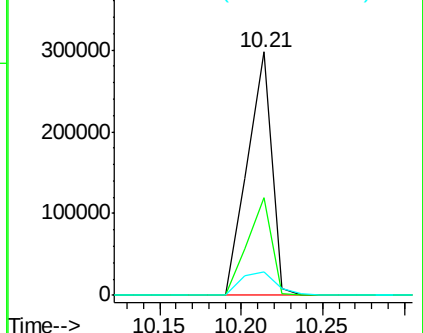
#45
1,1'-Biphenyl
Concen: 33.25 ng
RT: 10.21 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF077738.D
Acq: 13 Mar 2015 14:27

Instrument :
BNA_F
ClientSampleId :
PB82103BS

Tgt Ion:154 Resp: 308622
Ion Ratio Lower Upper
154 100
153 40.1 20.7 60.7
76 9.8 0.0 30.9

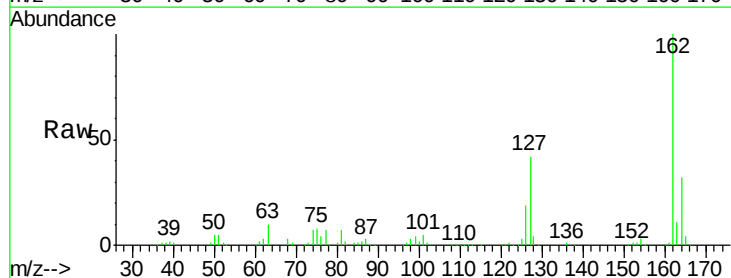


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

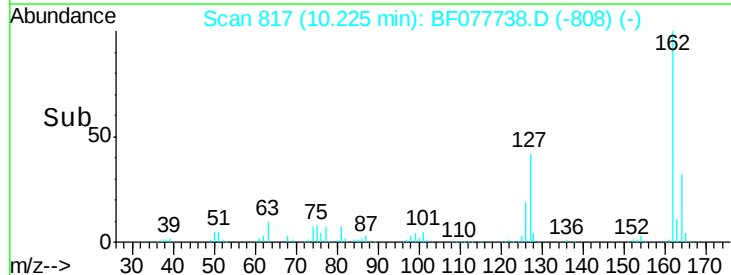
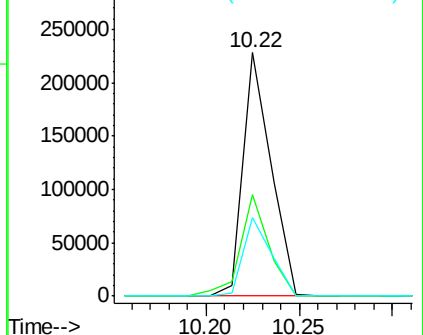


#46
2-Chloronaphthalene
Concen: 31.35 ng
RT: 10.22 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF077738.D
Acq: 13 Mar 2015 14:27

Tgt Ion:162 Resp: 236510
Ion Ratio Lower Upper
162 100
127 41.8 26.9 40.3#
164 32.1 26.8 40.2



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

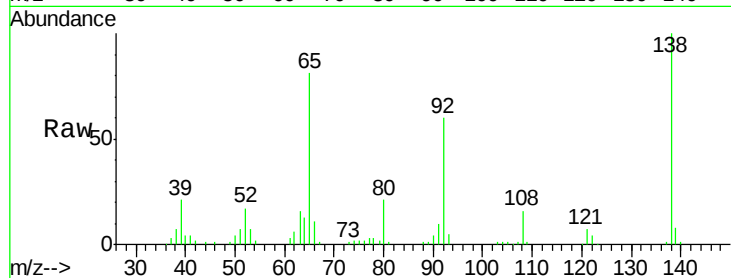




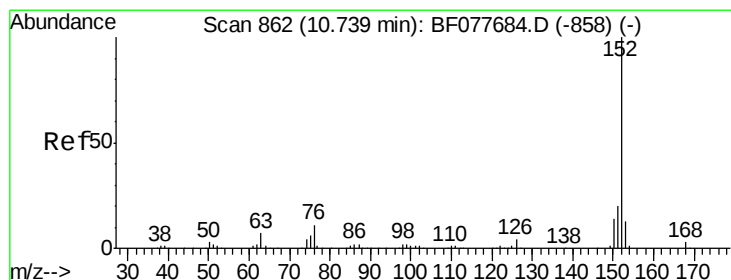
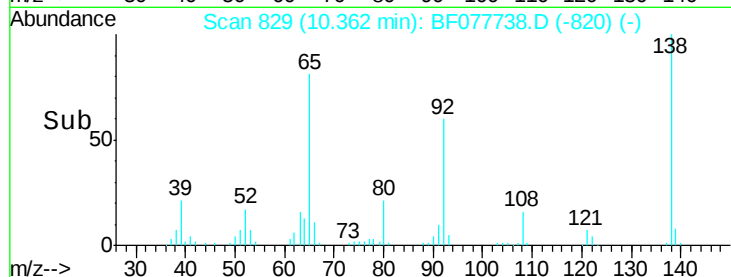
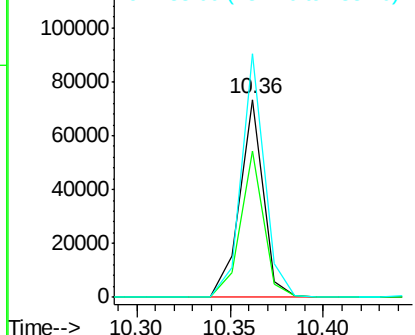
#47
2-Nitroaniline
Concen: 34.95 ng
RT: 10.36 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF077738.D
Acq: 13 Mar 2015 14:27

Instrument :
BNA_F
ClientSampleId :
PB82103BS

Tgt Ion: 65 Resp: 65479
Ion Ratio Lower Upper
65 100
92 74.1 59.1 88.7
138 122.9 93.9 140.9

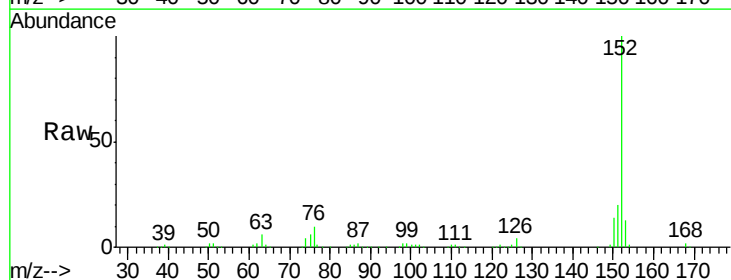


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

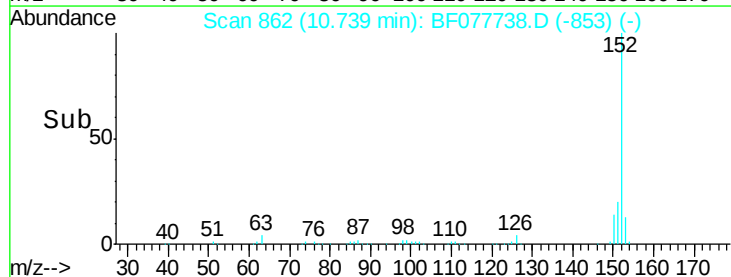
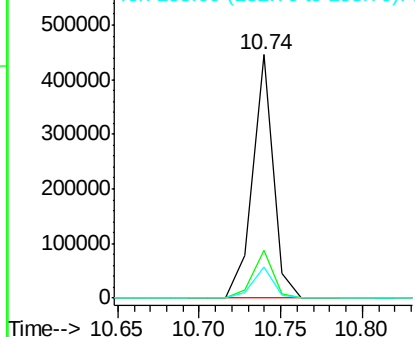


#48
Acenaphthylene
Concen: 31.16 ng
RT: 10.74 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF077738.D
Acq: 13 Mar 2015 14:27

Tgt Ion: 152 Resp: 390913
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 12.9 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 32.98 ng

RT: 10.60 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF077738.D

Acq: 13 Mar 2015 14:27

Instrument :

BNA_F

ClientSampleId :

PB82103BS

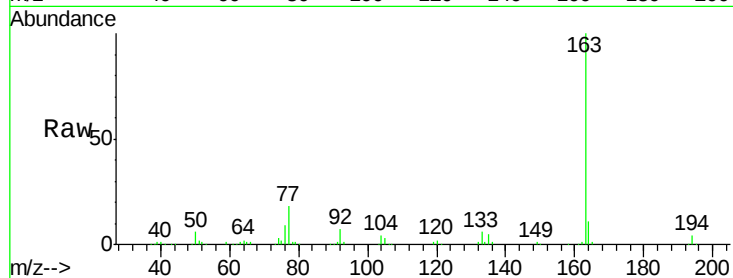
Tgt Ion:163 Resp: 284056

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

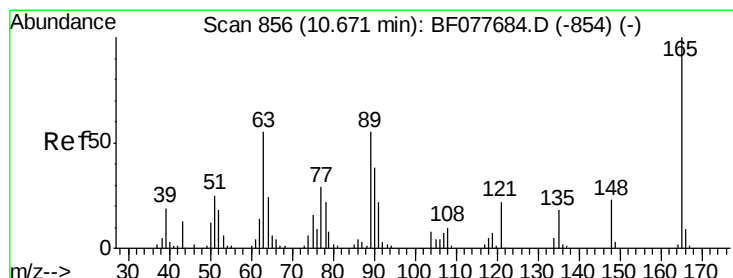
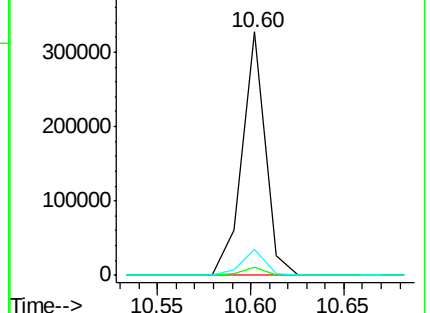
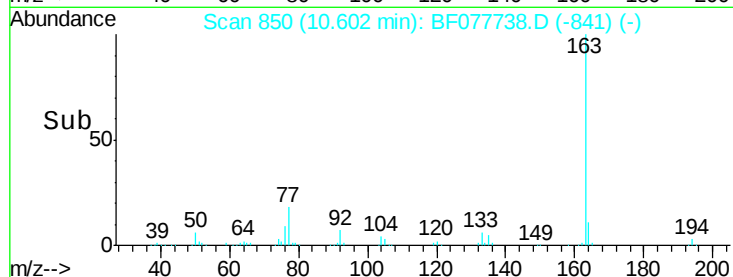
164 10.5 8.2 12.2



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: 34.42 ng

RT: 10.67 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF077738.D

Acq: 13 Mar 2015 14:27

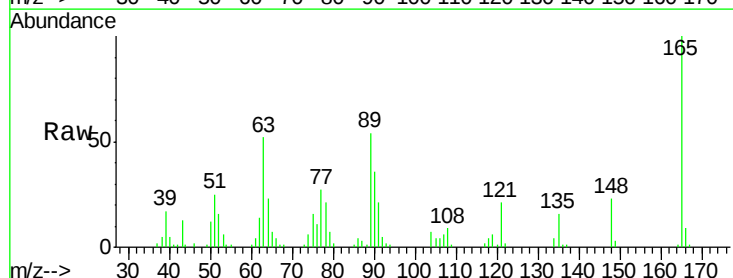
Tgt Ion:165 Resp: 61449

Ion Ratio Lower Upper

165 100

63 52.2 44.1 66.1

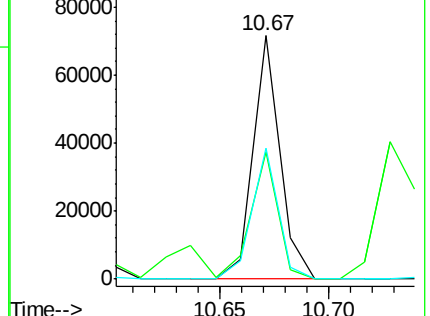
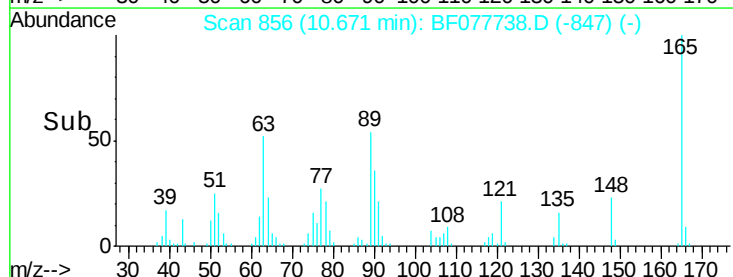
89 53.7 44.3 66.5



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

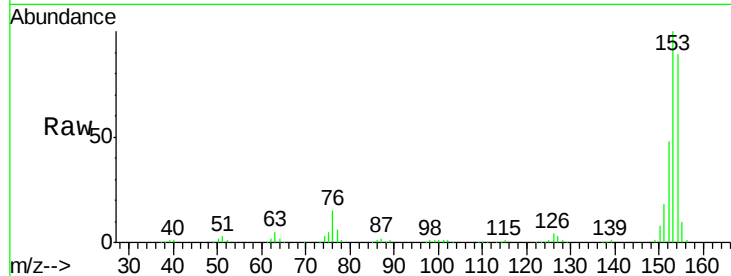




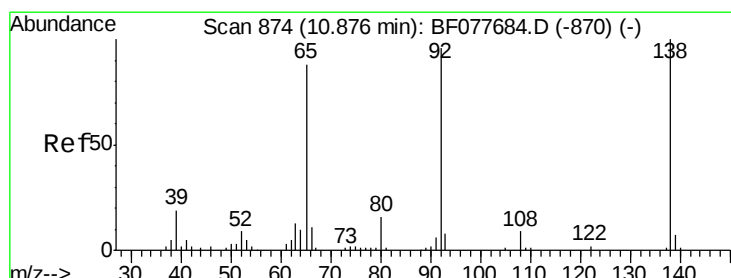
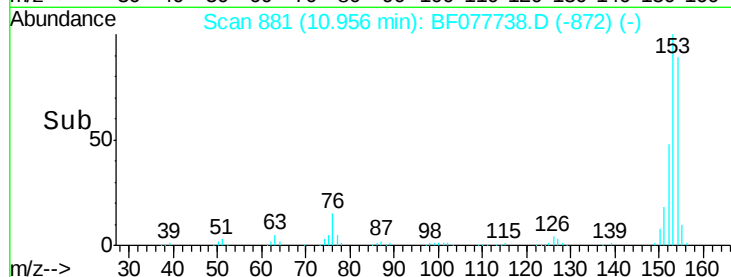
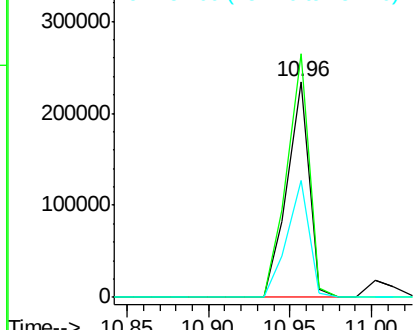
#51
Acenaphthene
Concen: 31.18 ng
RT: 10.96 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF077738.D
Acq: 13 Mar 2015 14:27

Instrument :
BNA_F
ClientSampleId :
PB82103BS

Tgt Ion:154 Resp: 224222
Ion Ratio Lower Upper
154 100
153 112.9 90.0 135.0
152 54.1 42.6 63.8

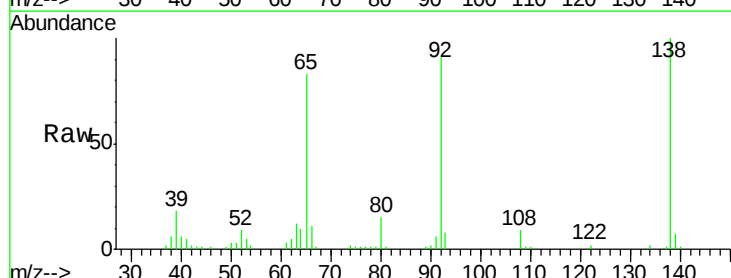


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

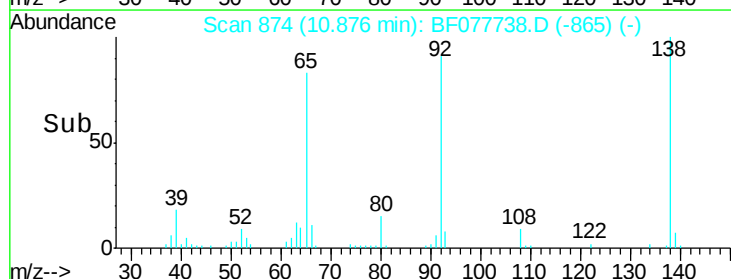
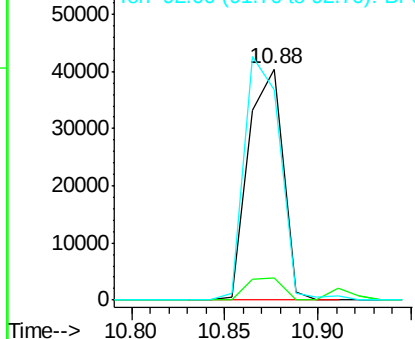


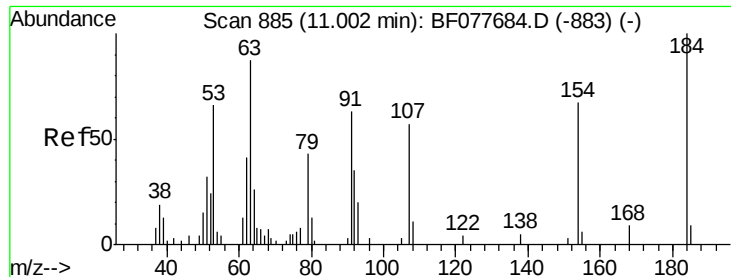
#52
3-Nitroaniline
Concen: 24.95 ng
RT: 10.88 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF077738.D
Acq: 13 Mar 2015 14:27

Tgt Ion:138 Resp: 51728
Ion Ratio Lower Upper
138 100
108 9.5 7.3 10.9
92 90.9 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

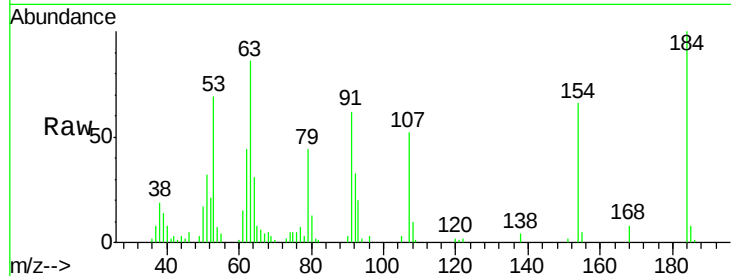




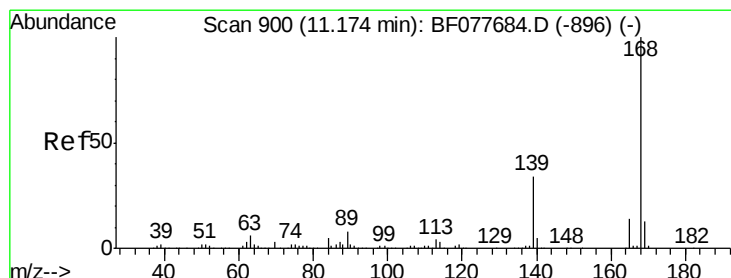
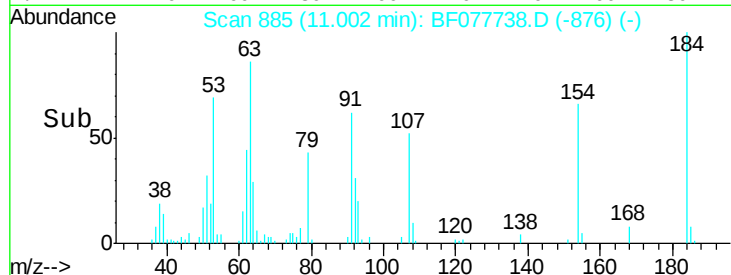
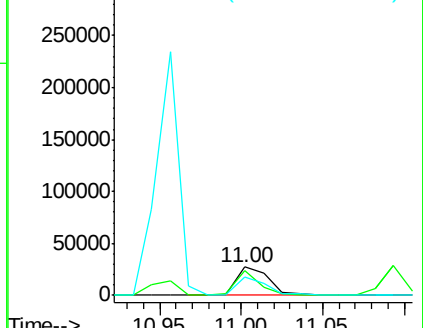
#53
 2,4-Dinitrophenol
 Concen: 58.57 ng
 RT: 11.00 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF077738.D
 Acq: 13 Mar 2015 14:27

Instrument :
 BNA_F
 ClientSampleId :
 PB82103BS

Tgt Ion:184 Resp: 36834
 Ion Ratio Lower Upper
 184 100
 63 85.5 69.2 103.8
 154 65.8 53.3 79.9

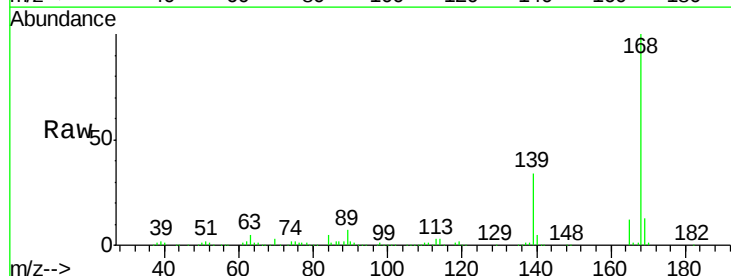


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

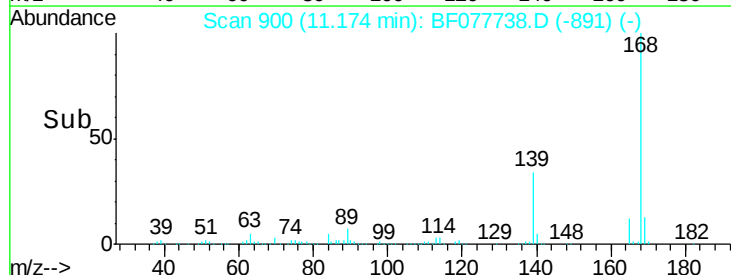
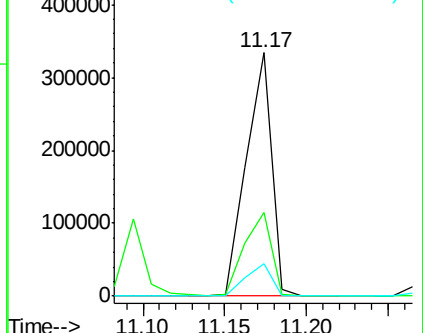


#54
 Dibenzofuran
 Concen: 33.60 ng
 RT: 11.17 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF077738.D
 Acq: 13 Mar 2015 14:27

Tgt Ion:168 Resp: 358386
 Ion Ratio Lower Upper
 168 100
 139 34.1 27.3 40.9
 169 13.2 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

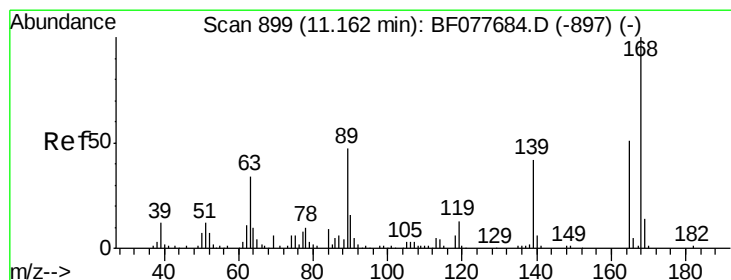
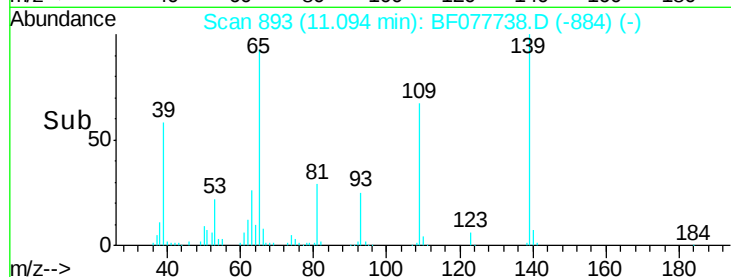
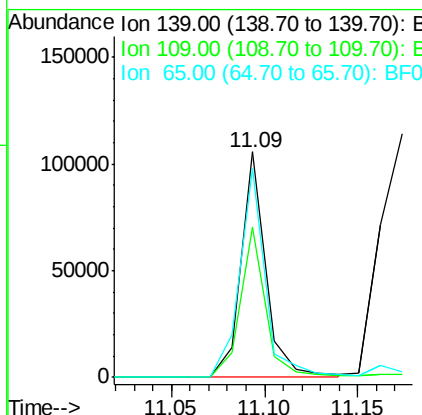
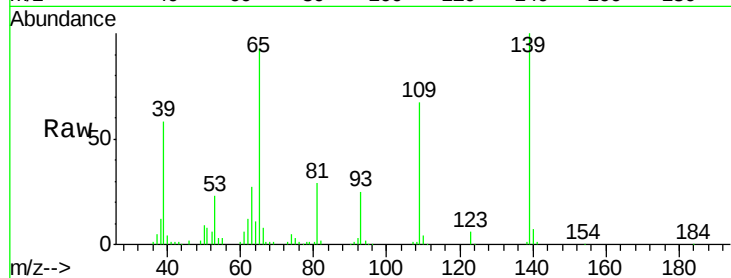




#55
4-Nitrophenol
Concen: 64.13 ng
RT: 11.09 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF077738.D
Acq: 13 Mar 2015 14:27

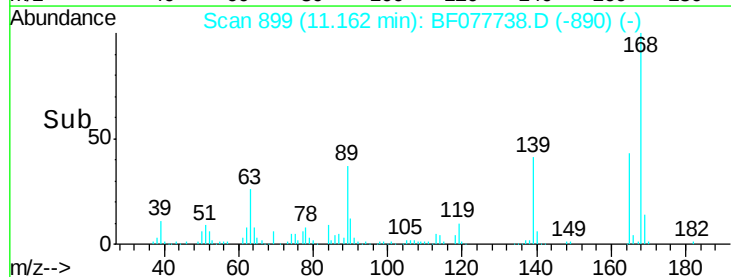
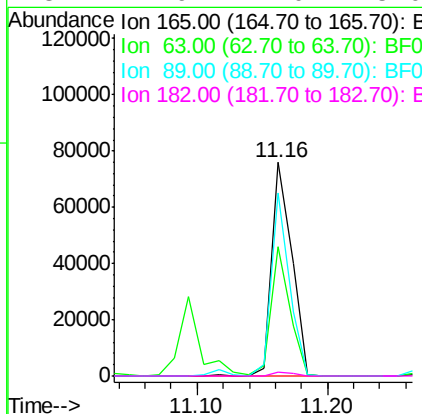
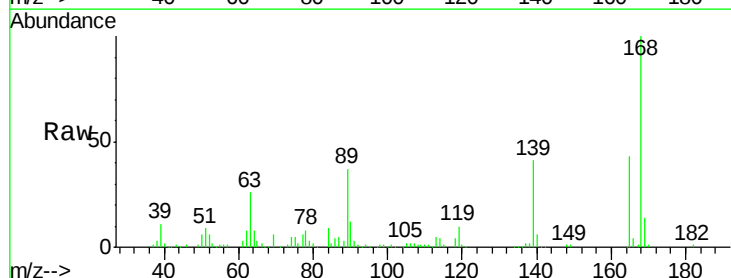
Instrument :
BNA_F
ClientSampleId :
PB82103BS

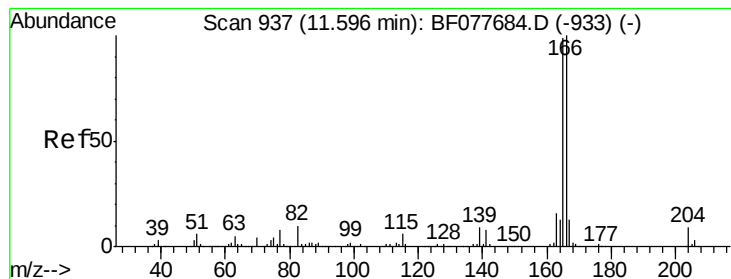
Tgt Ion:139 Resp: 98486
Ion Ratio Lower Upper
139 100
109 66.9 37.7 77.7
65 92.7 49.9 89.9#



#56
2,4-Dinitrotoluene
Concen: 35.30 ng
RT: 11.16 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF077738.D
Acq: 13 Mar 2015 14:27

Tgt Ion:165 Resp: 82174
Ion Ratio Lower Upper
165 100
63 60.5 52.4 78.6
89 85.7 72.4 108.6
182 1.9 2.0 3.0#





#57

Fluorene

Concen: 33.24 ng

RT: 11.60 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF077738.D

Acq: 13 Mar 2015 14:27

Instrument :

BNA_F

ClientSampleId :

PB82103BS

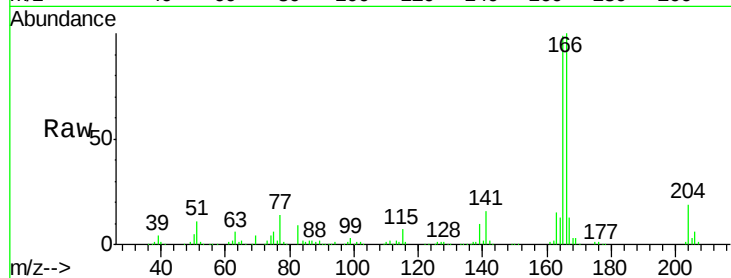
Tgt Ion:166 Resp: 294379

Ion Ratio Lower Upper

166 100

165 98.6 79.0 118.4

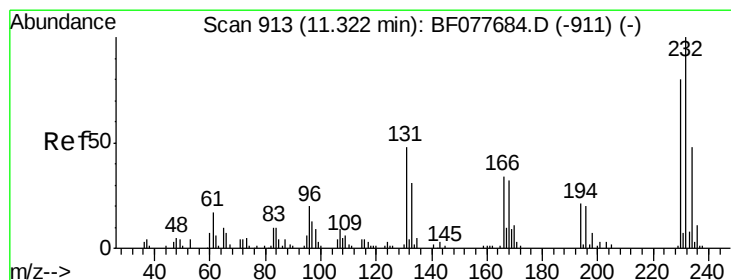
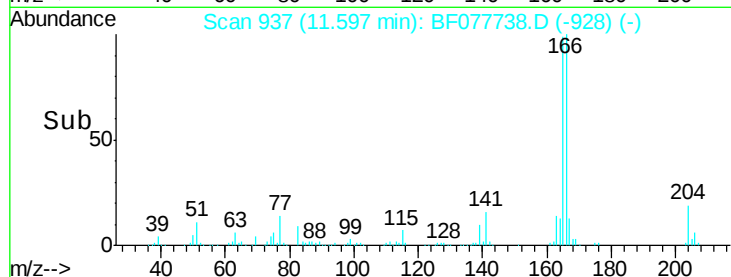
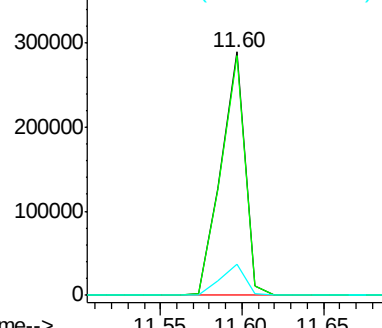
167 12.9 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 33.33 ng

RT: 11.32 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF077738.D

Acq: 13 Mar 2015 14:27

Tgt Ion:232 Resp: 66508

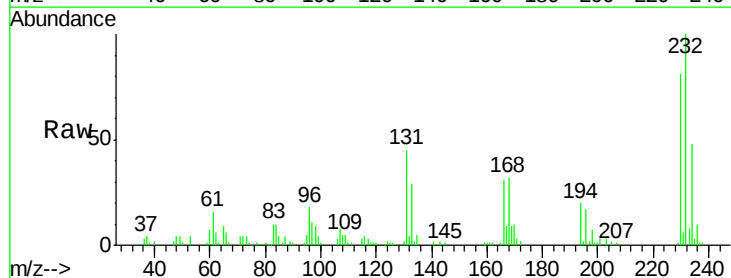
Ion Ratio Lower Upper

232 100

131 44.7 0.0 0.0#

130 2.0 0.0 0.0#

166 31.5 0.0 0.0#

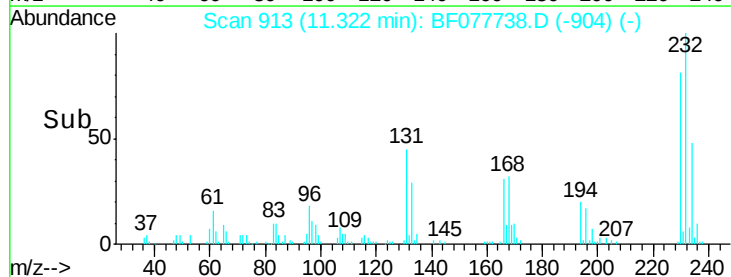
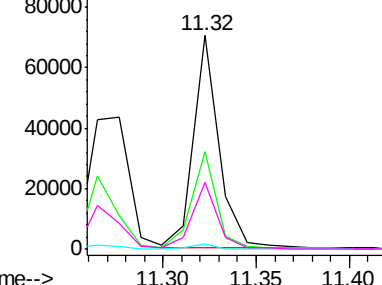


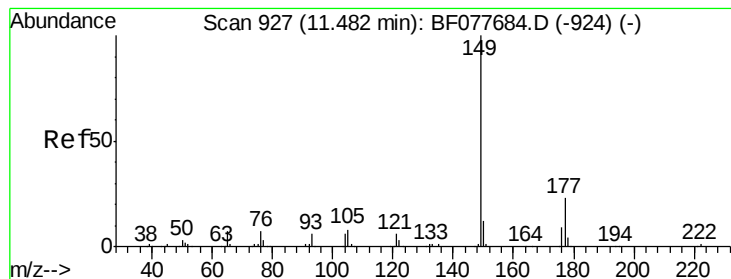
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 33.78 ng

RT: 11.48 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF077738.D

Acq: 13 Mar 2015 14:27

Instrument :

BNA_F

ClientSampleId :

PB82103BS

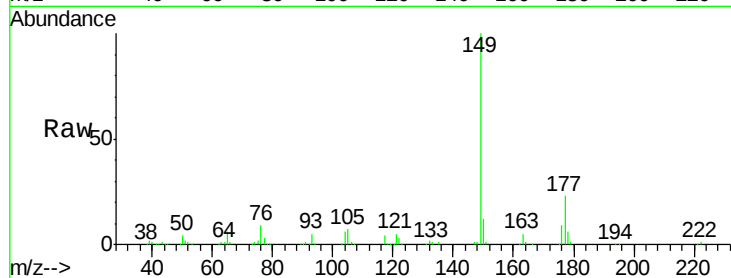
Tgt Ion:149 Resp: 283485

Ion Ratio Lower Upper

149 100

177 23.5 18.3 27.5

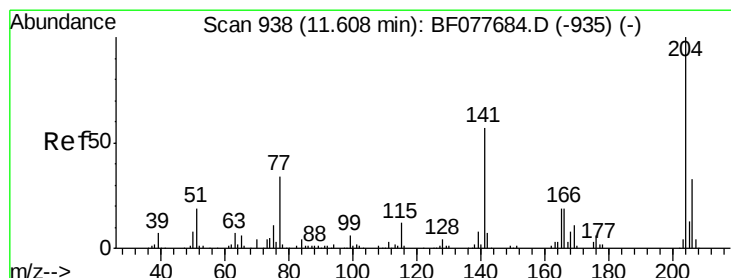
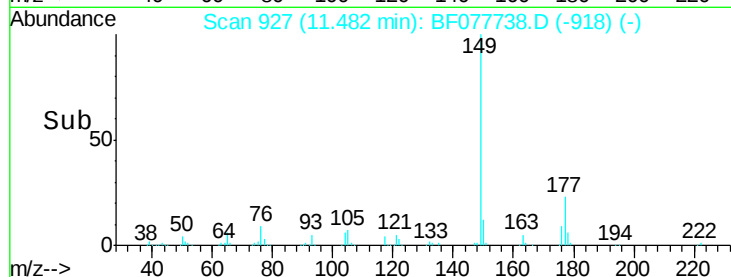
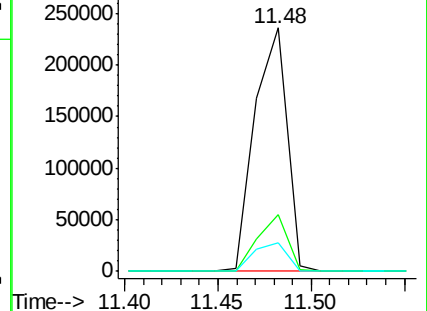
150 12.0 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 32.07 ng

RT: 11.61 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF077738.D

Acq: 13 Mar 2015 14:27

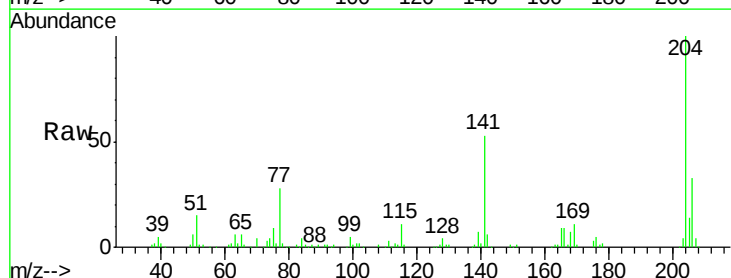
Tgt Ion:204 Resp: 129646

Ion Ratio Lower Upper

204 100

206 33.4 26.6 39.8

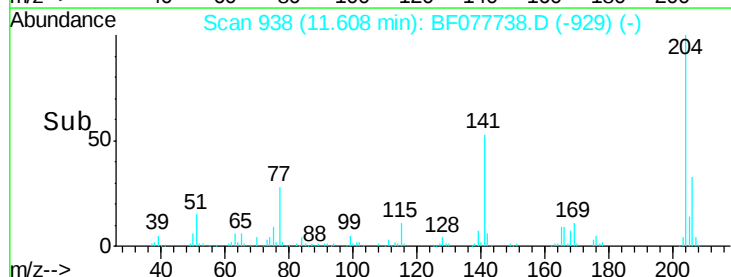
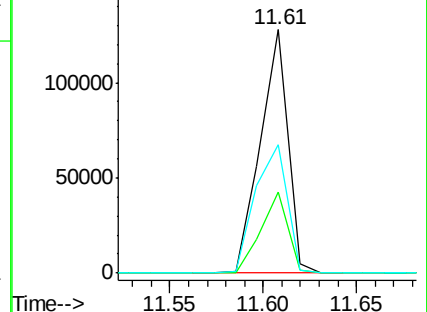
141 52.9 45.2 67.8

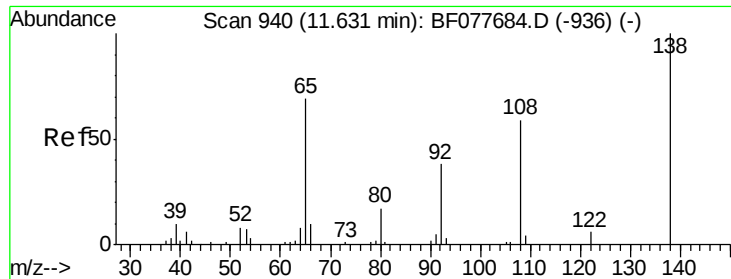


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

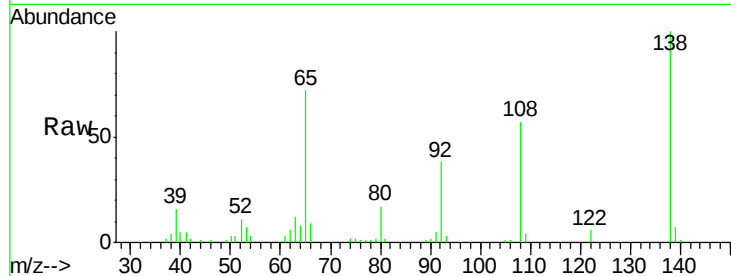




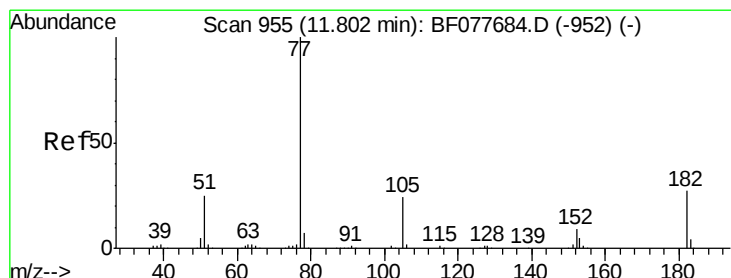
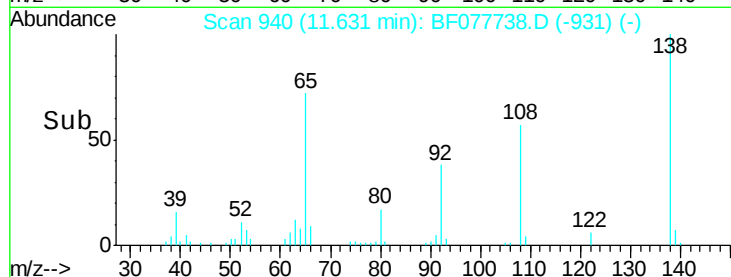
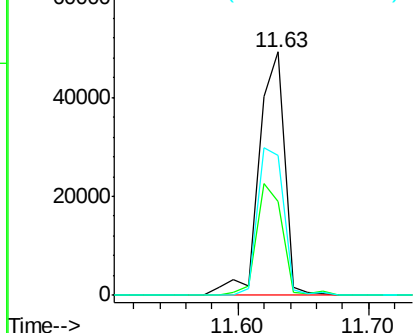
#61
4-Nitroaniline
Concen: 32.67 ng
RT: 11.63 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF077738.D
Acq: 13 Mar 2015 14:27

Instrument :
BNA_F
ClientSampleId :
PB82103BS

Tgt Ion: 138 Resp: 67495
Ion Ratio Lower Upper
138 100
92 38.3 16.7 56.7
108 57.3 37.6 77.6

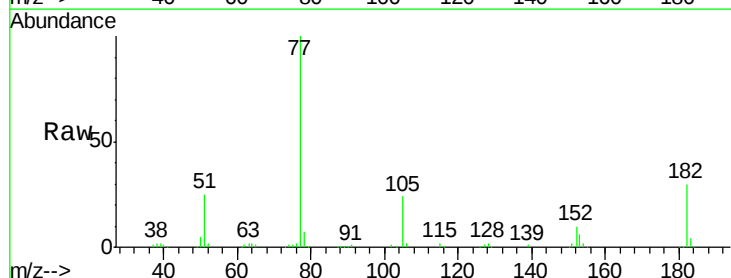


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

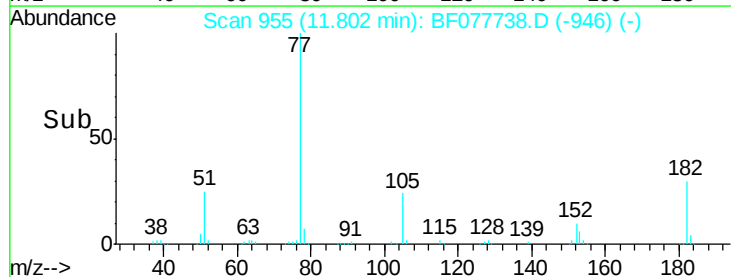
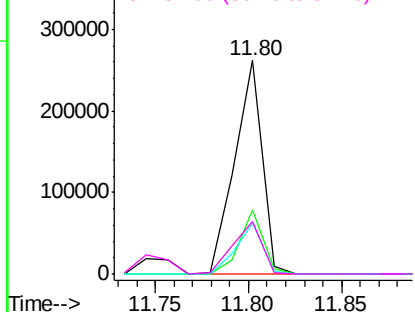


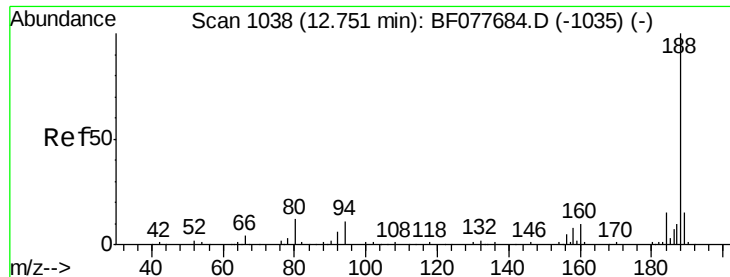
#62
Azobenzene
Concen: 33.65 ng
RT: 11.80 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF077738.D
Acq: 13 Mar 2015 14:27

Tgt Ion: 77 Resp: 269885
Ion Ratio Lower Upper
77 100
182 29.9 6.5 46.5
105 24.2 3.8 43.8
51 24.8 5.5 45.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

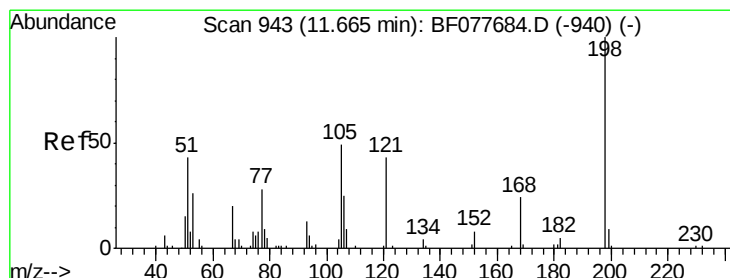
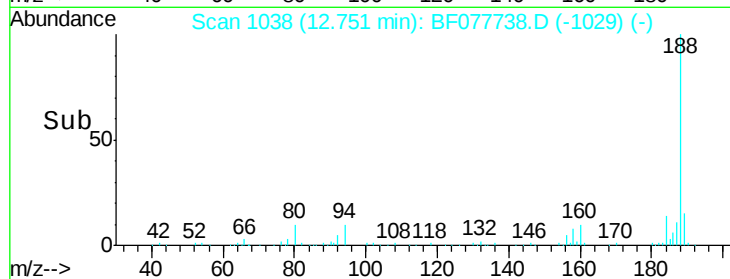
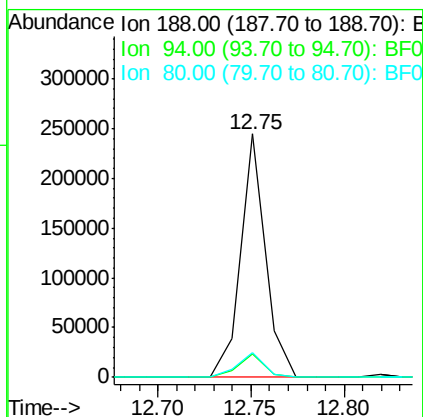
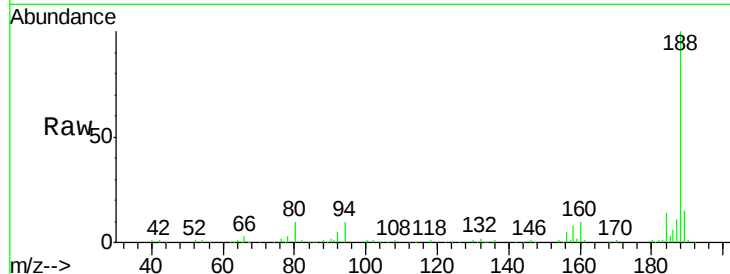




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF077738.D
Acq: 13 Mar 2015 14:27

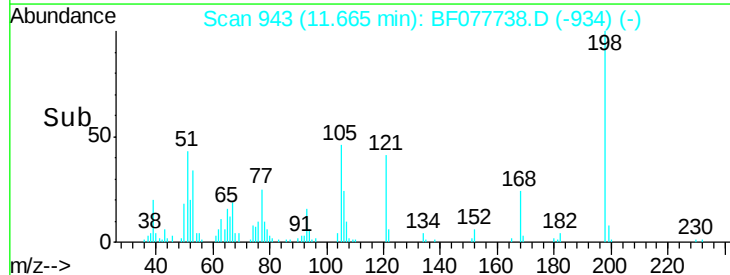
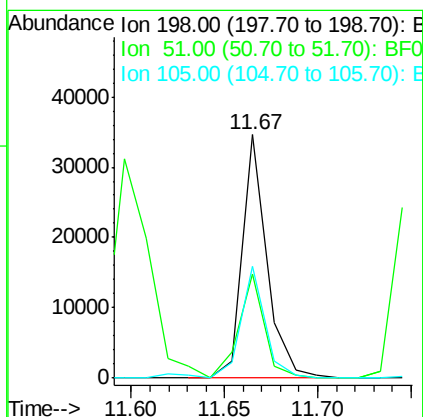
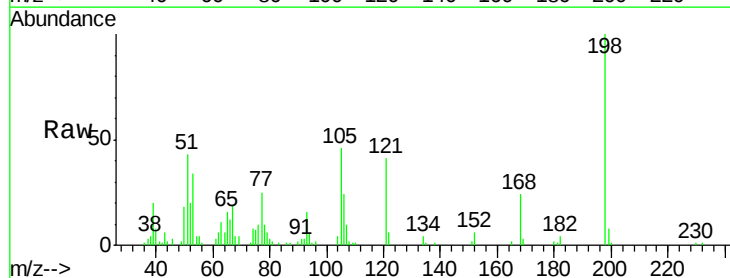
Instrument :
BNA_F
ClientSampleId :
PB82103BS

Tgt Ion:188 Resp: 228407
Ion Ratio Lower Upper
188 100
94 9.7 8.7 13.1
80 10.2 9.3 13.9



#64
4,6-Dinitro-2-methylphenol
Concen: 31.20 ng
RT: 11.67 min Scan# 943
Delta R.T. 0.00 min
Lab File: BF077738.D
Acq: 13 Mar 2015 14:27

Tgt Ion:198 Resp: 31860
Ion Ratio Lower Upper
198 100
51 42.8 28.8 68.8
105 46.2 30.5 70.5





#65

n-Nitrosodiphenylamine

Concen: 32.85 ng

RT: 11.76 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF077738.D

Acq: 13 Mar 2015 14:27

Instrument :

BNA_F

ClientSampleId :

PB82103BS

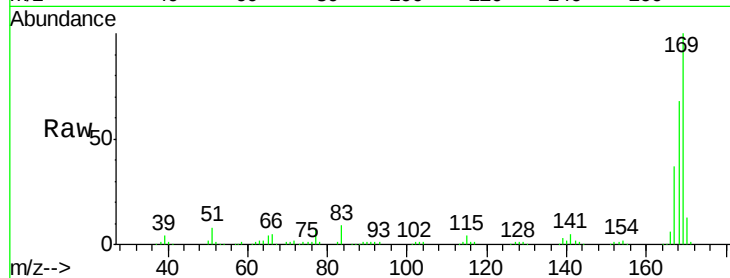
Tgt Ion:169 Resp: 249868

Ion Ratio Lower Upper

169 100

168 67.6 53.9 80.9

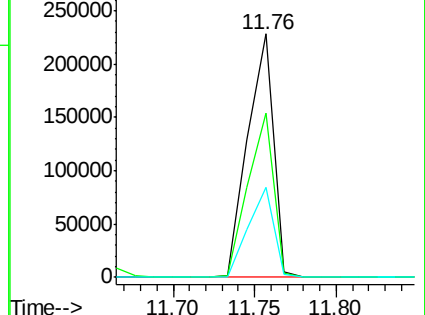
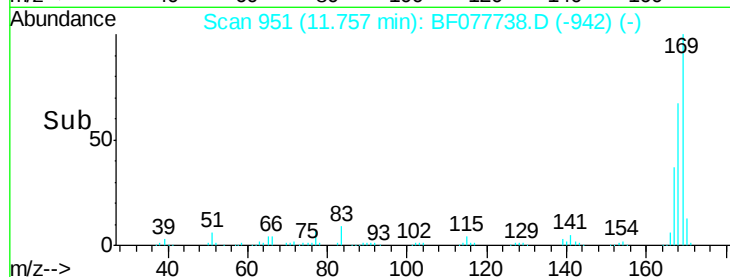
167 37.0 28.9 43.3



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: 32.09 ng

RT: 12.21 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF077738.D

Acq: 13 Mar 2015 14:27

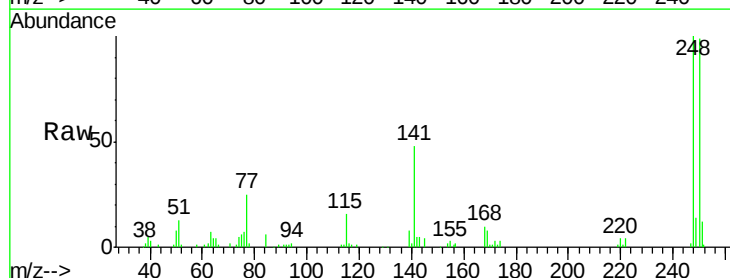
Tgt Ion:248 Resp: 78231

Ion Ratio Lower Upper

248 100

250 98.6 77.4 116.0

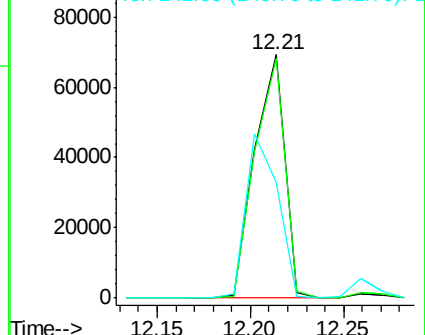
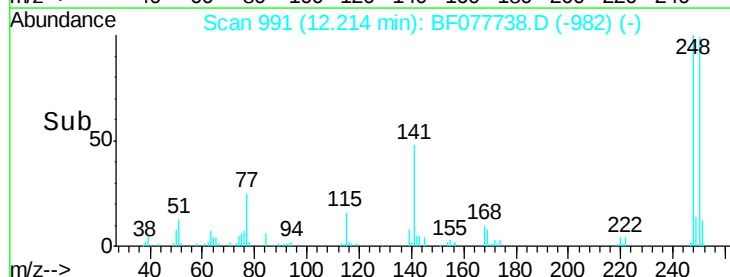
141 47.5 45.2 67.8



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

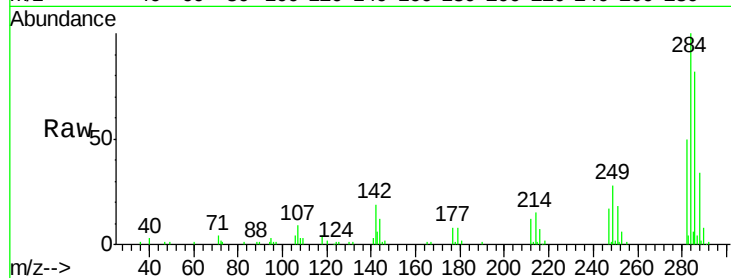




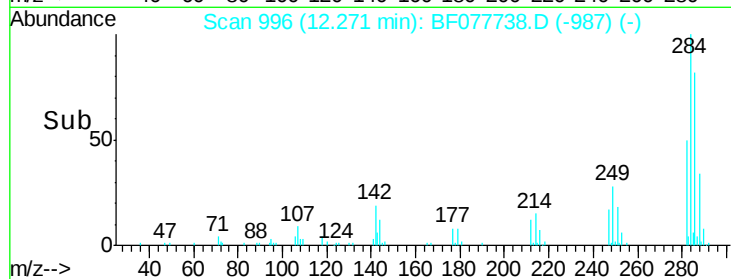
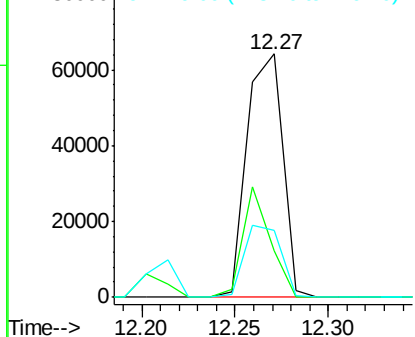
#67
Hexachlorobenzene
Concen: 31.87 ng
RT: 12.27 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF077738.D
Acq: 13 Mar 2015 14:27

Instrument :
BNA_F
ClientSampleId :
PB82103BS

Tgt Ion:284 Resp: 85354
Ion Ratio Lower Upper
284 100
142 19.0 20.4 30.6#
249 27.6 23.8 35.6

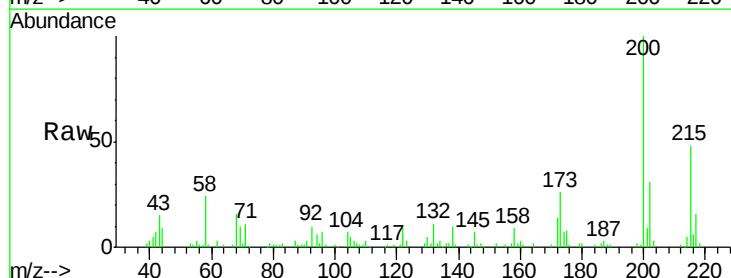


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

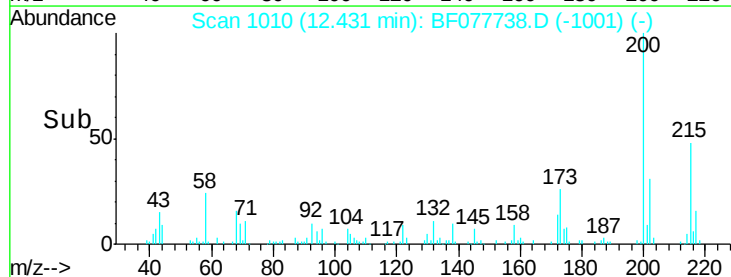
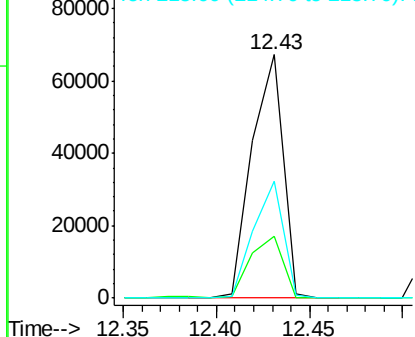


#68
Atrazine
Concen: 36.52 ng
RT: 12.43 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF077738.D
Acq: 13 Mar 2015 14:27

Tgt Ion:200 Resp: 77840
Ion Ratio Lower Upper
200 100
173 25.5 4.8 44.8
215 48.0 26.9 66.9



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

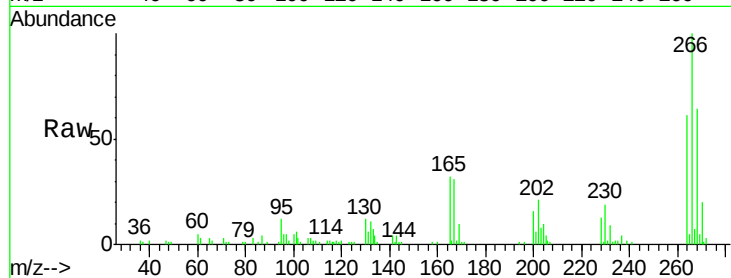




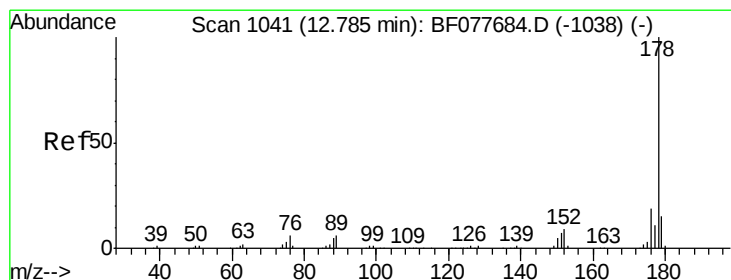
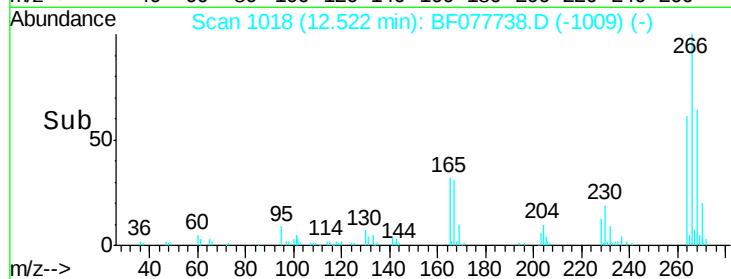
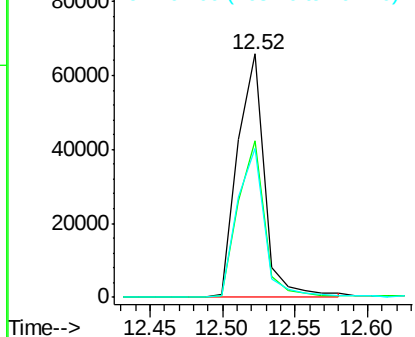
#69
 Pentachlorophenol
 Concen: 61.54 ng
 RT: 12.52 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF077738.D
 Acq: 13 Mar 2015 14:27

Instrument :
 BNA_F
 ClientSampleId :
 PB82103BS

Tgt Ion:266 Resp: 85294
 Ion Ratio Lower Upper
 266 100
 268 64.4 52.0 78.0
 264 61.3 49.0 73.4

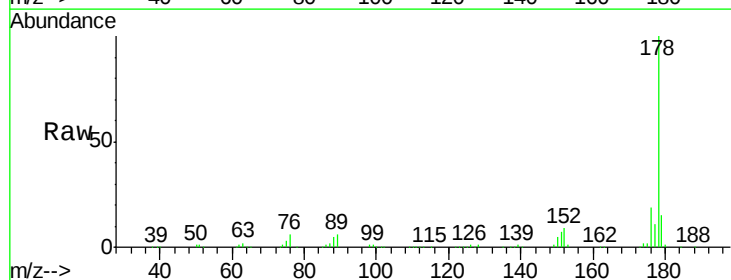


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

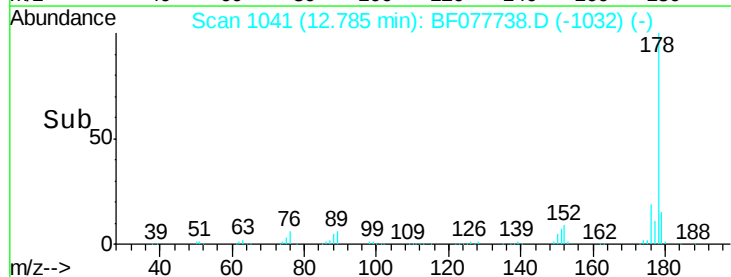
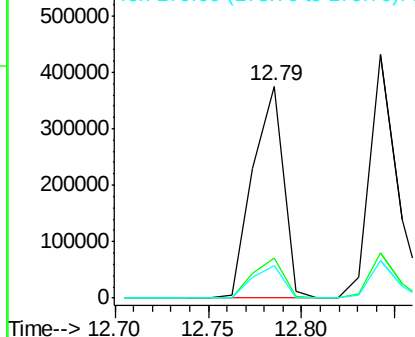


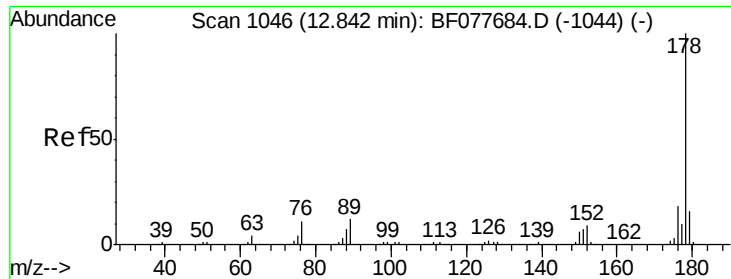
#70
 Phenanthrene
 Concen: 32.66 ng
 RT: 12.79 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF077738.D
 Acq: 13 Mar 2015 14:27

Tgt Ion:178 Resp: 428270
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.2 22.8
 179 15.4 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

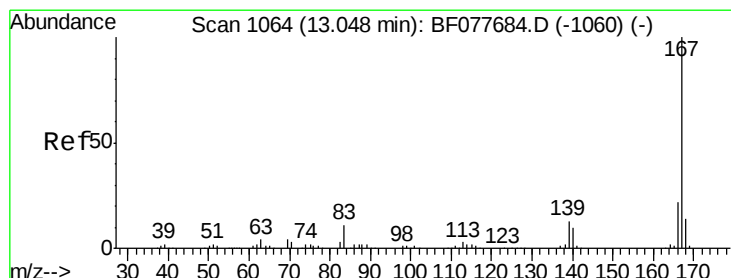
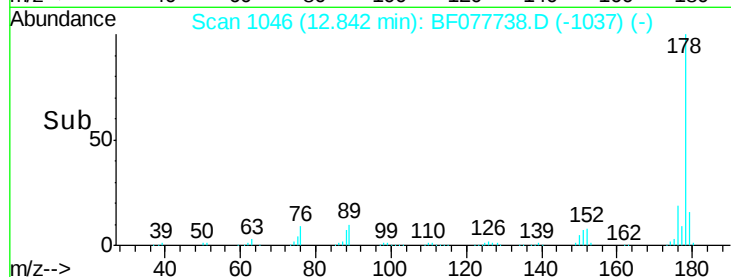
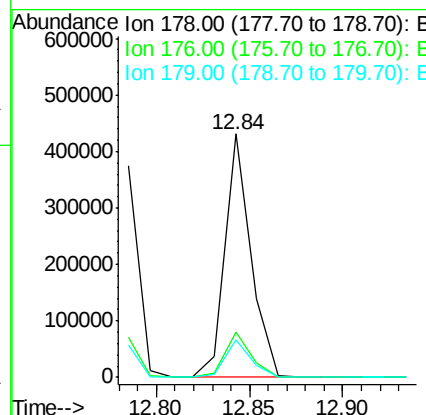
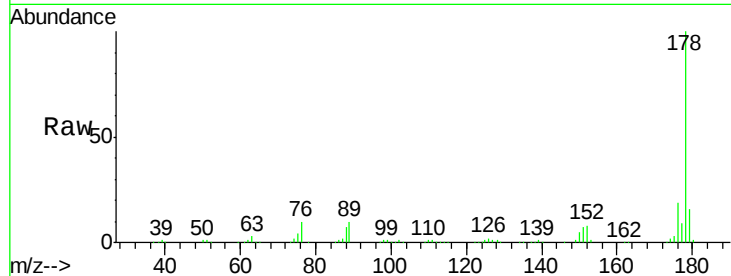




#71
 Anthracene
 Concen: 32.30 ng
 RT: 12.84 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF077738.D
 Acq: 13 Mar 2015 14:27

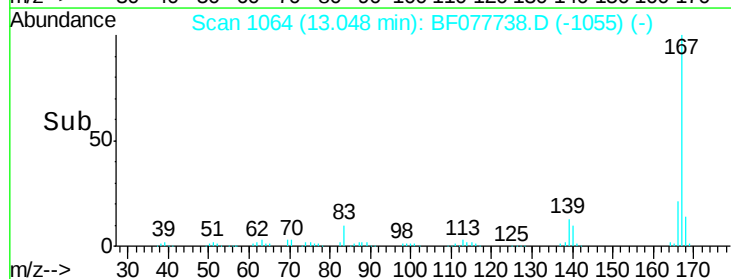
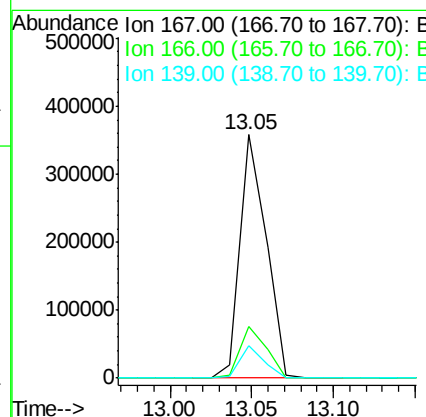
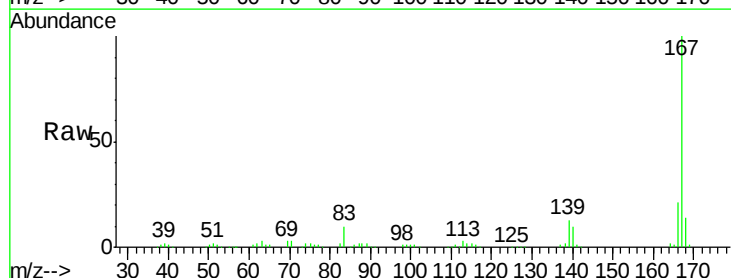
Instrument :
 BNA_F
 ClientSampleId :
 PB82103BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	22.0
179	15.6	12.6	19.0



#72
 Carbazole
 Concen: 32.15 ng
 RT: 13.05 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF077738.D
 Acq: 13 Mar 2015 14:27

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.2	25.8
139	13.3	10.8	16.2





#73

Di-n-butylphthalate

Concen: 33.25 ng

RT: 13.51 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BF077738.D

Acq: 13 Mar 2015 14:27

Instrument :

BNA_F

ClientSampleId :

PB82103BS

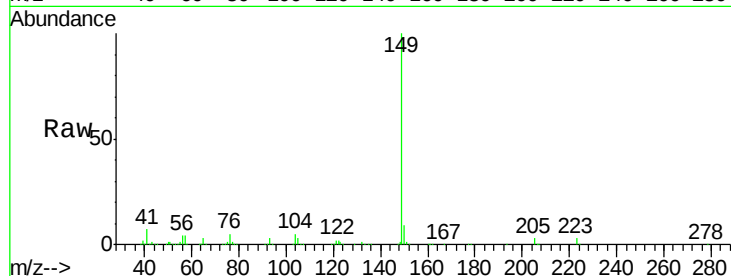
Tgt Ion:149 Resp: 459480

Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

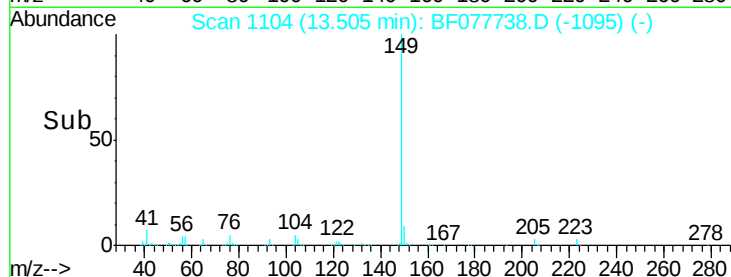
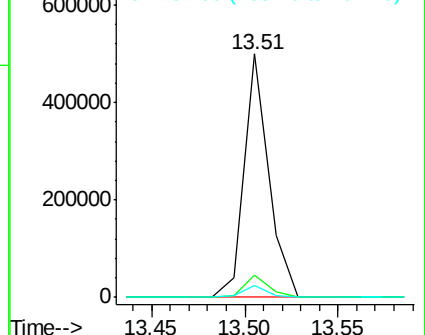
104 4.8 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 31.18 ng

RT: 14.25 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF077738.D

Acq: 13 Mar 2015 14:27

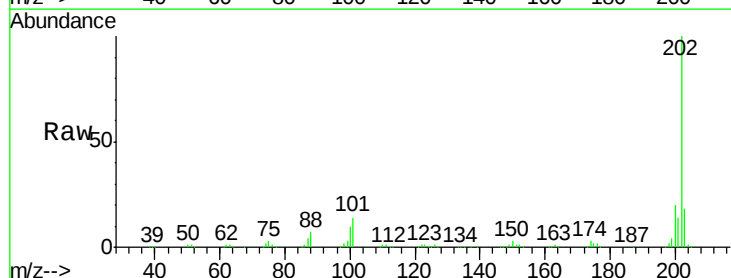
Tgt Ion:202 Resp: 450984

Ion Ratio Lower Upper

202 100

101 14.0 0.0 28.7

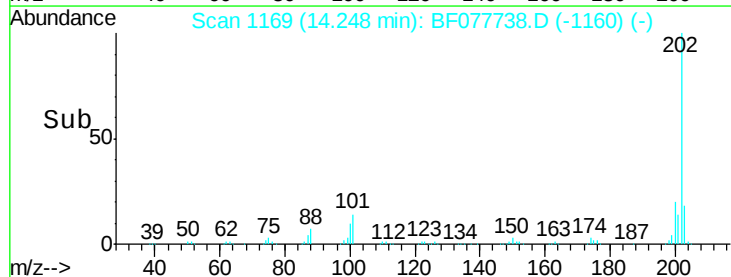
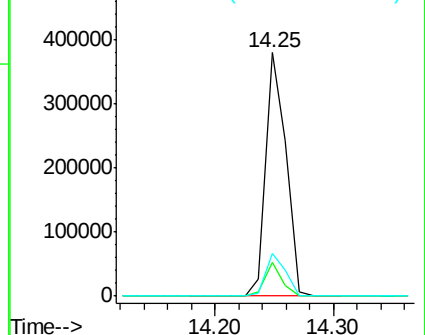
203 17.5 0.0 37.2

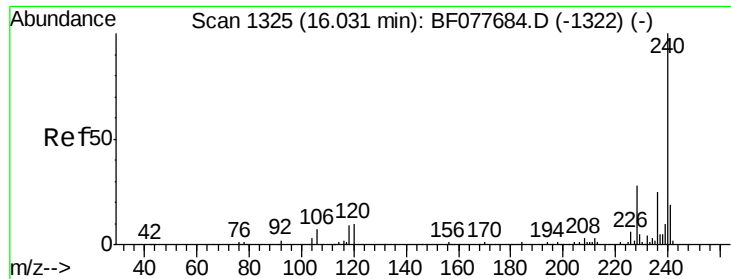


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

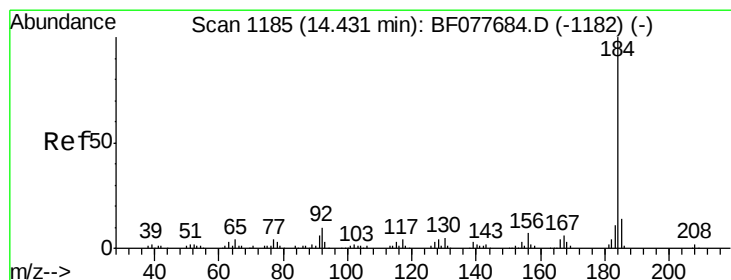
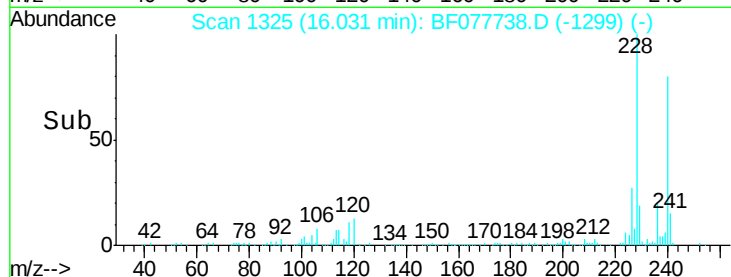
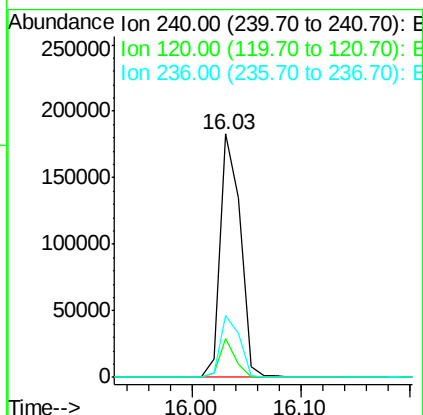
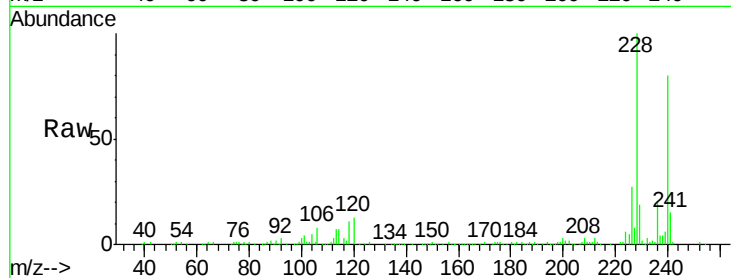




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF077738.D
Acq: 13 Mar 2015 14:27

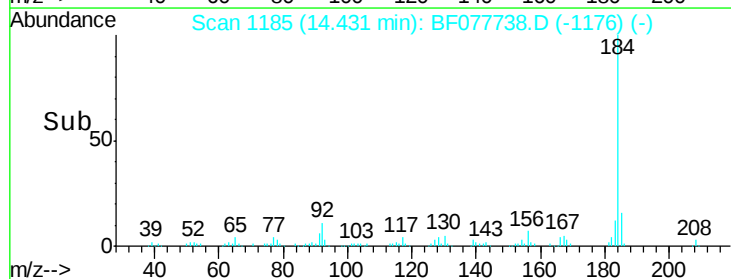
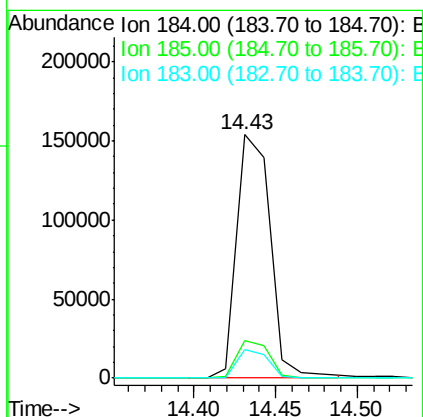
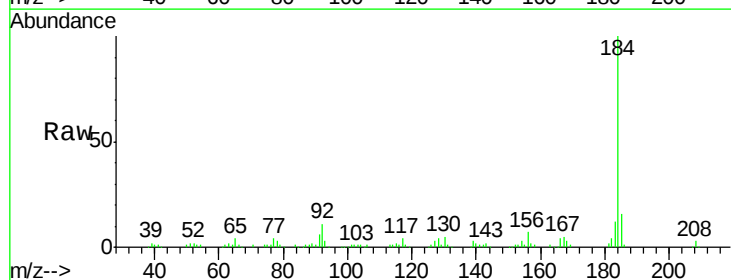
Instrument :
BNA_F
ClientSampleId :
PB82103BS

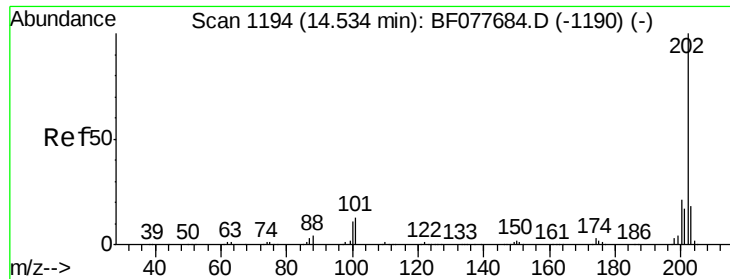
Tgt Ion: 240 Resp: 235168
Ion Ratio Lower Upper
240 100
120 15.9 8.2 12.2#
236 25.3 20.0 30.0



#76
Benzidine
Concen: 37.49 ng
RT: 14.43 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BF077738.D
Acq: 13 Mar 2015 14:27

Tgt Ion: 184 Resp: 218243
Ion Ratio Lower Upper
184 100
185 15.6 11.3 16.9
183 11.7 8.9 13.3

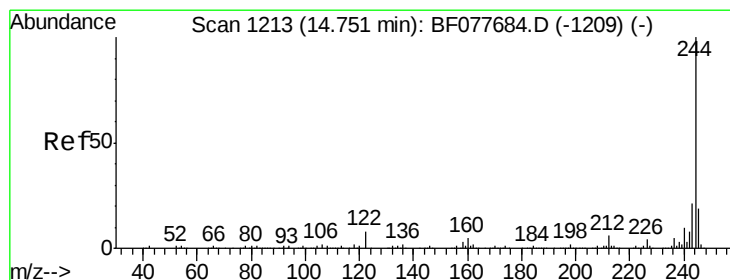
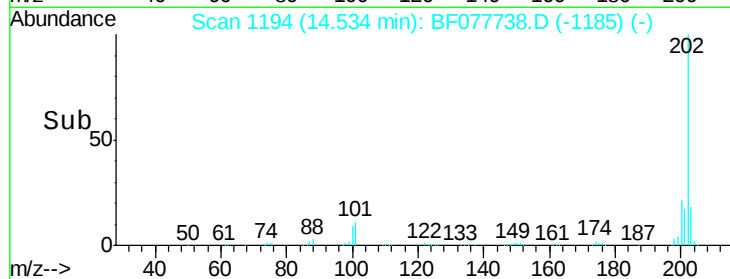
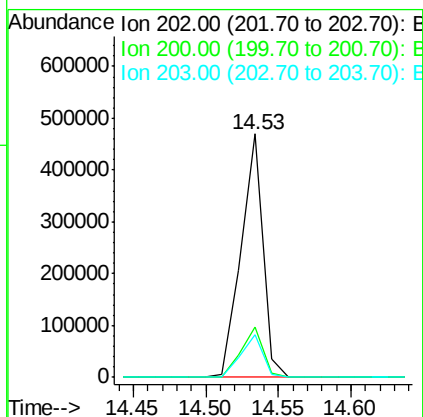
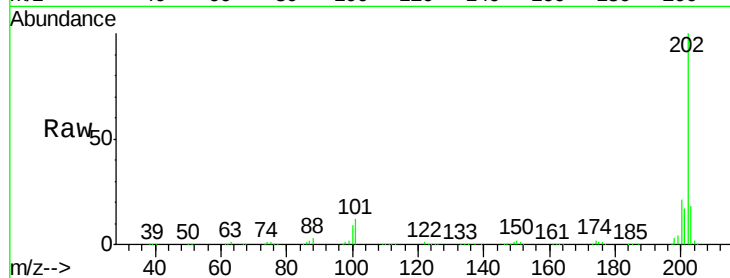




#77
 Pyrene
 Concen: 33.38 ng
 RT: 14.53 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF077738.D
 Acq: 13 Mar 2015 14:27

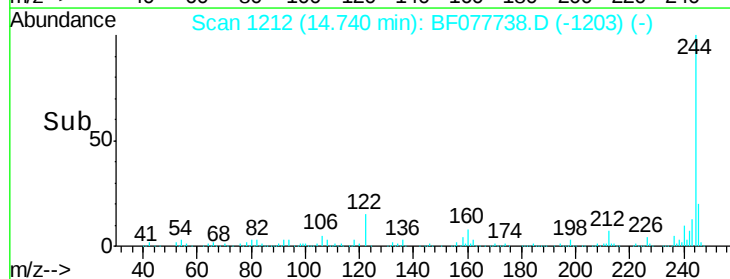
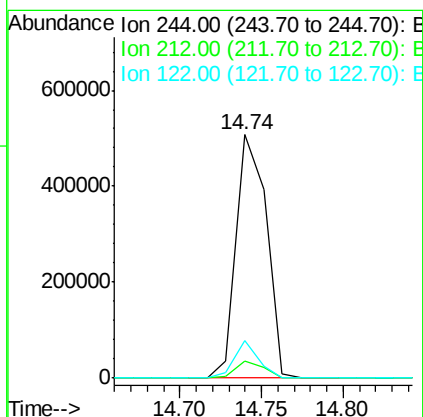
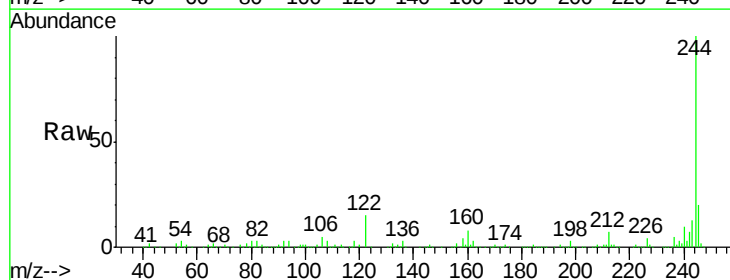
Instrument :
 BNA_F
 ClientSampleId :
 PB82103BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	17.7	14.1	21.1



#78
 Terphenyl-d14
 Concen: 67.40 ng
 RT: 14.74 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF077738.D
 Acq: 13 Mar 2015 14:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	4.9	7.3
122	15.3	6.2	9.4

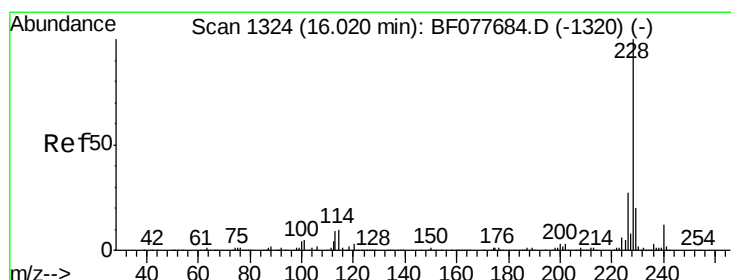
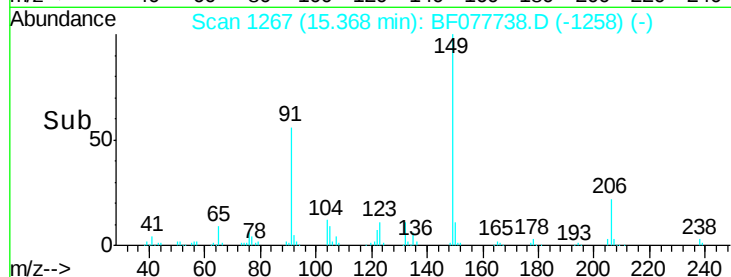
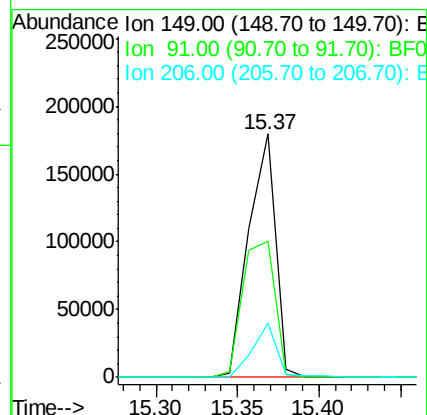
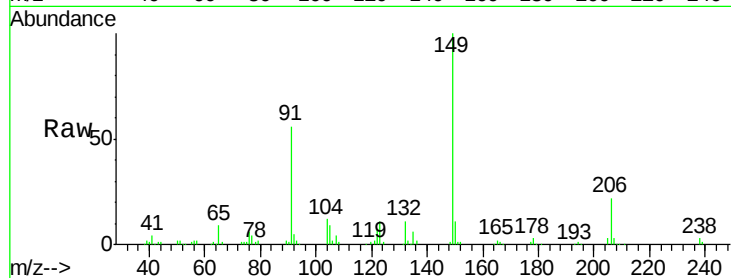




#79
Butylbenzylphthalate
Concen: 35.17 ng
RT: 15.37 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF077738.D
Acq: 13 Mar 2015 14:27

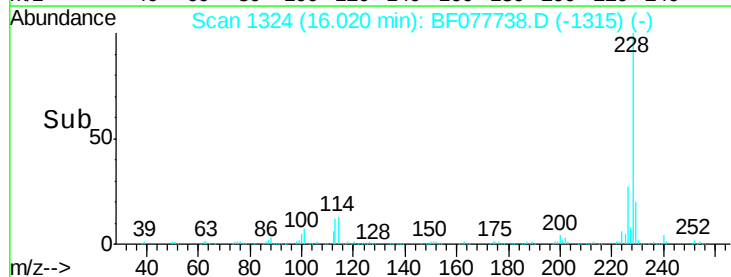
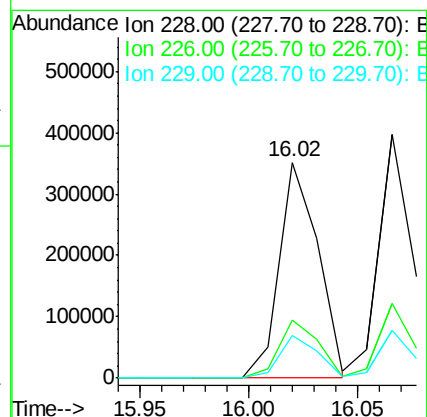
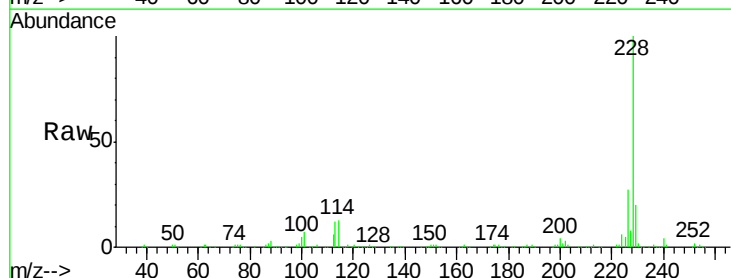
Instrument :
BNA_F
ClientSampleId :
PB82103BS

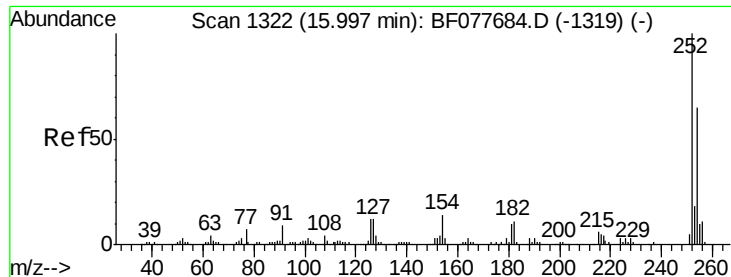
Tgt Ion:149 Resp: 205044
Ion Ratio Lower Upper
149 100
91 55.7 50.1 75.1
206 22.4 16.2 24.2



#80
Benzo(a)anthracene
Concen: 31.72 ng
RT: 16.02 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF077738.D
Acq: 13 Mar 2015 14:27

Tgt Ion:228 Resp: 442249
Ion Ratio Lower Upper
228 100
226 26.8 21.7 32.5
229 19.8 16.0 24.0

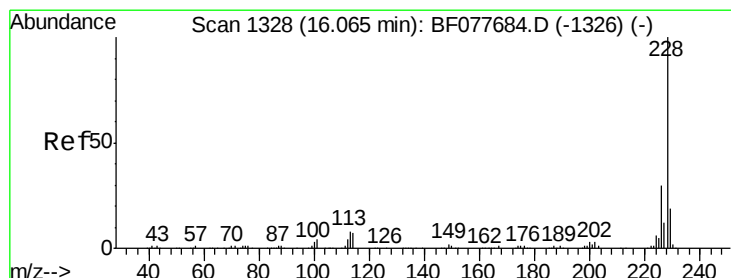
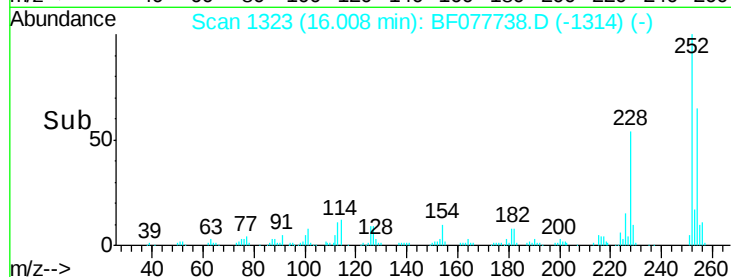
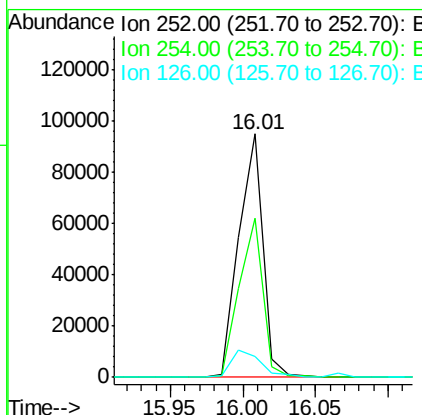
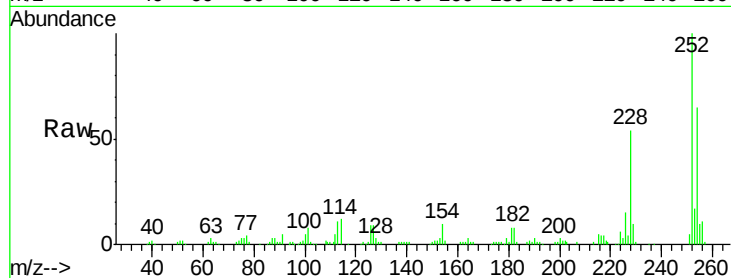




#81
 3,3'-Dichlorobenzidine
 Concen: 23.88 ng
 RT: 16.01 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: BF077738.D
 Acq: 13 Mar 2015 14:27

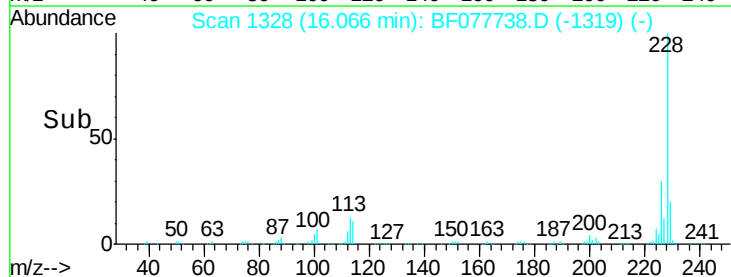
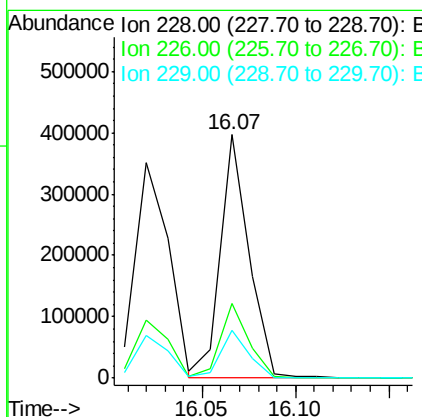
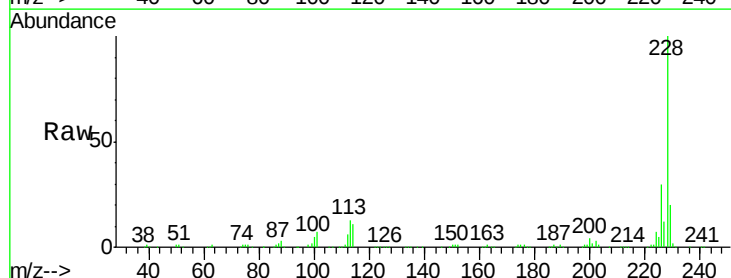
Instrument :
 BNA_F
 ClientSampleId :
 PB82103BS

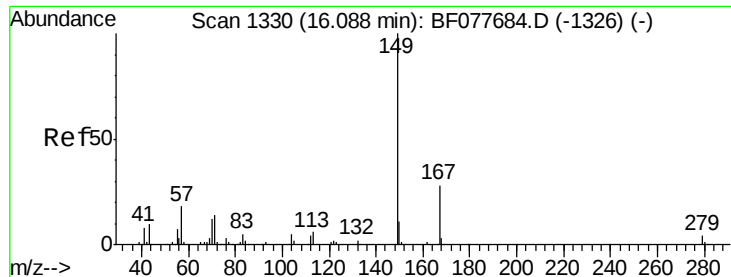
Tgt Ion: 252 Resp: 109803
 Ion Ratio Lower Upper
 252 100
 254 65.1 51.9 77.9
 126 8.8 9.8 14.8#



#82
 Chrysene
 Concen: 33.76 ng
 RT: 16.07 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF077738.D
 Acq: 13 Mar 2015 14:27

Tgt Ion: 228 Resp: 423177
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.1 36.1
 229 19.7 15.5 23.3

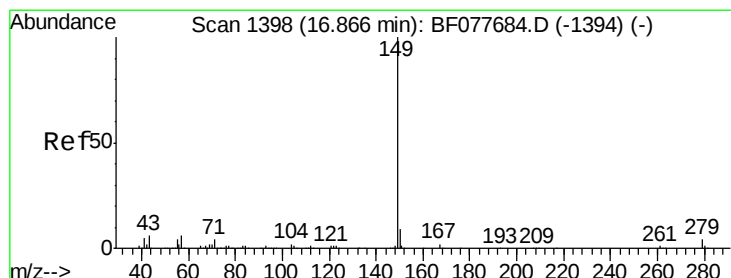
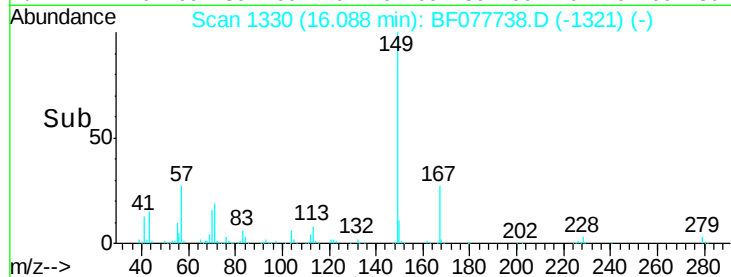
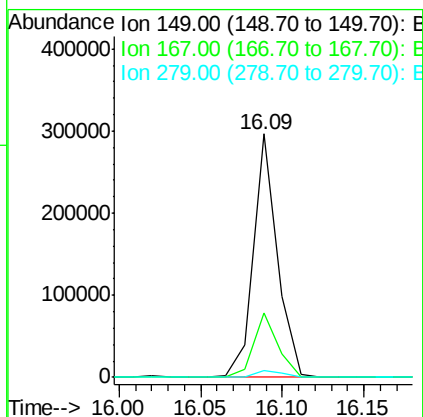
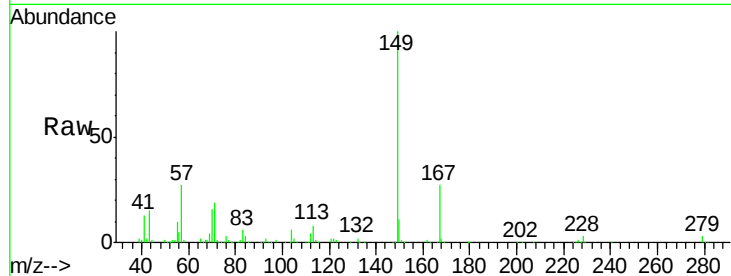




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.20 ng
 RT: 16.09 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: BF077738.D
 Acq: 13 Mar 2015 14:27

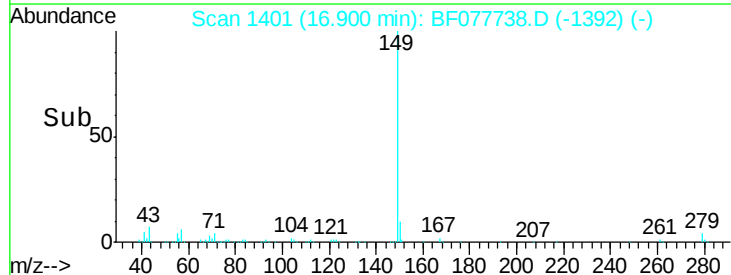
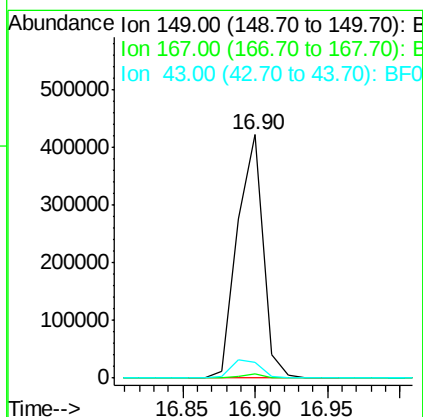
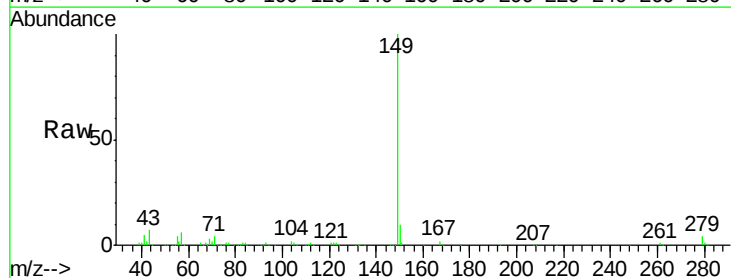
Instrument :
 BNA_F
 ClientSampleId :
 PB82103BS

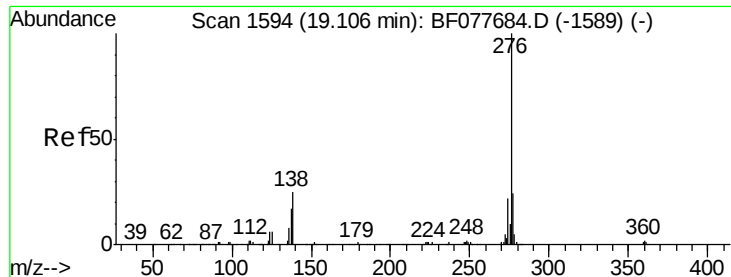
Tgt Ion:149 Resp: 302076
 Ion Ratio Lower Upper
 149 100
 167 26.5 22.4 33.6
 279 2.9 3.4 5.0#



#84
 Di-n-octyl phthalate
 Concen: 34.36 ng
 RT: 16.90 min Scan# 1401
 Delta R.T. 0.00 min
 Lab File: BF077738.D
 Acq: 13 Mar 2015 14:27

Tgt Ion:149 Resp: 518809
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.8 7.3 10.9

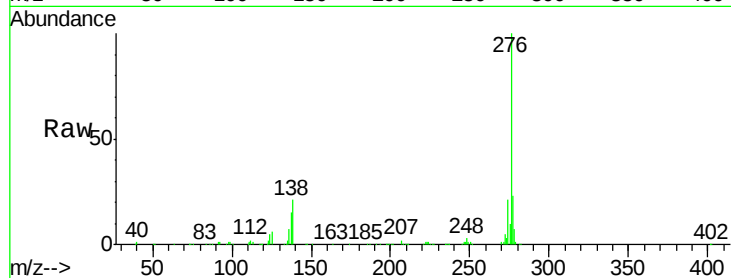




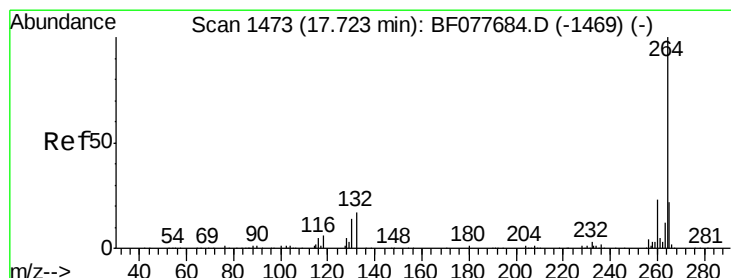
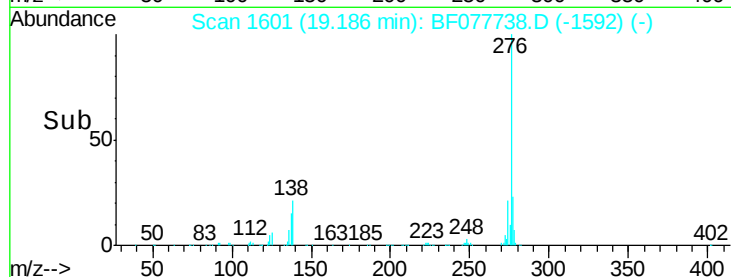
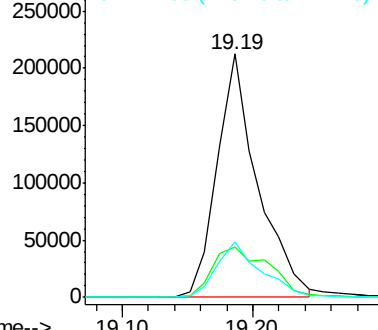
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 29.44 ng
 RT: 19.19 min Scan# 1601
 Delta R.T. 0.00 min
 Lab File: BF077738.D
 Acq: 13 Mar 2015 14:27

Instrument :
 BNA_F
 ClientSampled :
 PB82103BS

Tgt Ion: 276 Resp: 460562
 Ion Ratio Lower Upper
 276 100
 138 28.6 0.0 0.0#
 277 24.5 0.0 0.0#

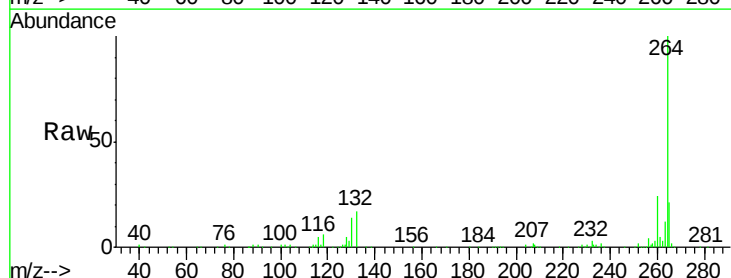


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

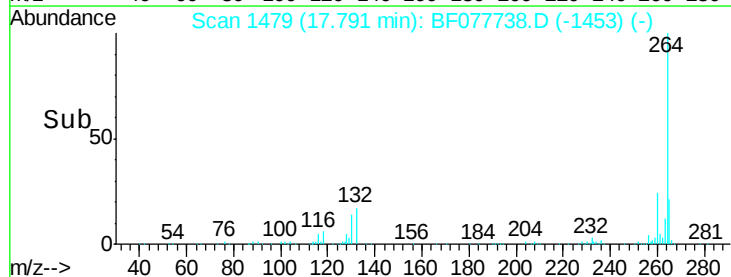
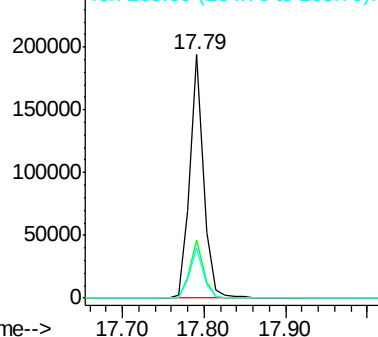


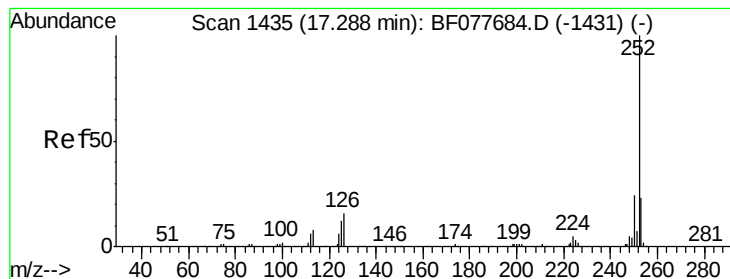
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.79 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF077738.D
 Acq: 13 Mar 2015 14:27

Tgt Ion: 264 Resp: 227372
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 27.8
 265 20.7 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: 30.69 ng

RT: 17.33 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF077738.D

Acq: 13 Mar 2015 14:27

Instrument :

BNA_F

ClientSampleId :

PB82103BS

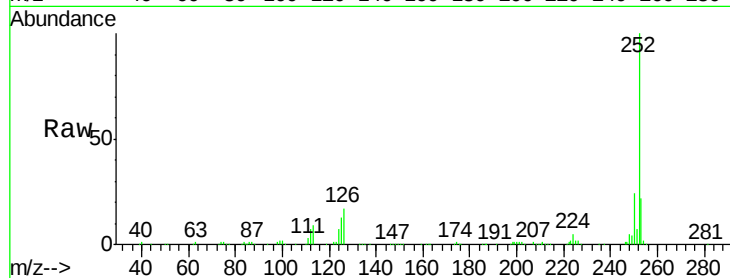
Tgt Ion:252 Resp: 455492

Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

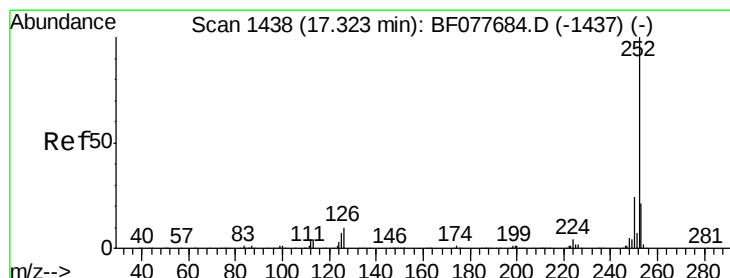
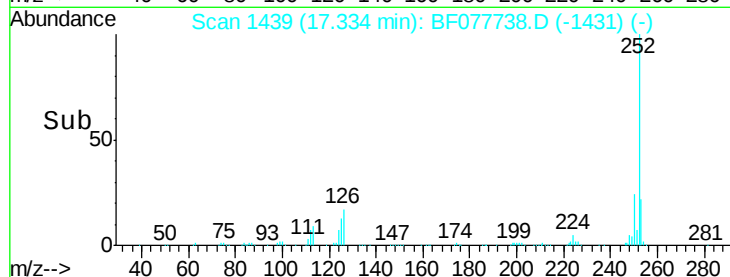
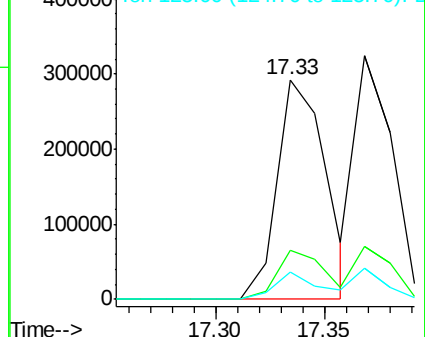
125 12.7 9.9 14.9



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



#88

Benzo(k)fluoranthene

Concen: 33.68 ng

RT: 17.37 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BF077738.D

Acq: 13 Mar 2015 14:27

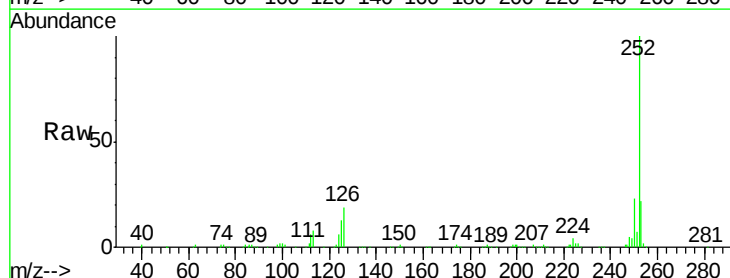
Tgt Ion:252 Resp: 390533

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

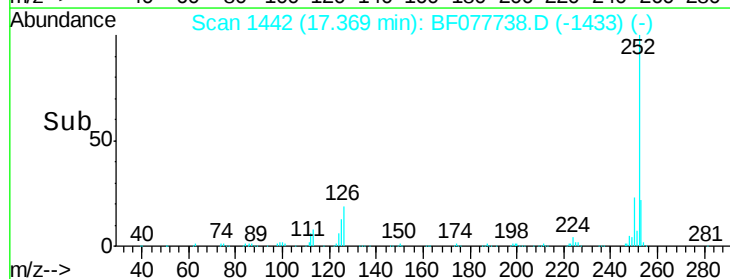
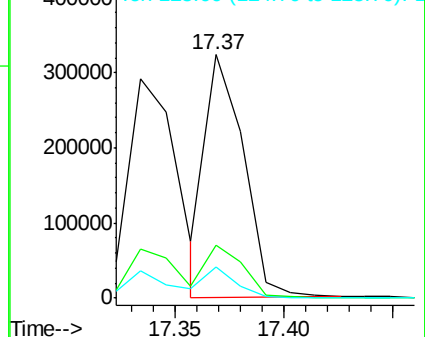
125 12.7 8.1 12.1#

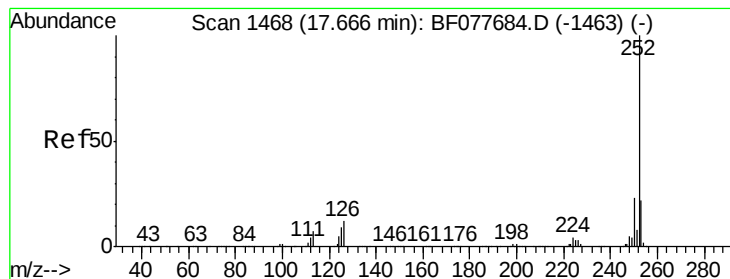


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 33.00 ng

RT: 17.72 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BF077738.D

Acq: 13 Mar 2015 14:27

Instrument :

BNA_F

ClientSampleId :

PB82103BS

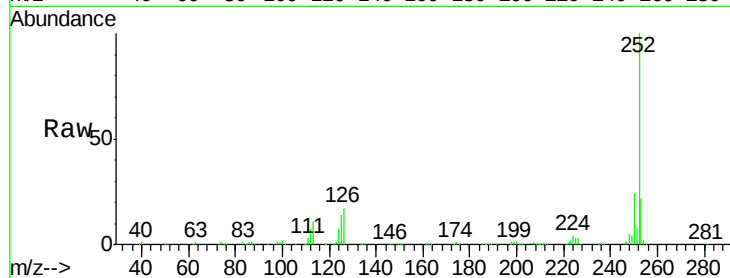
Tgt Ion:252 Resp: 408719

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

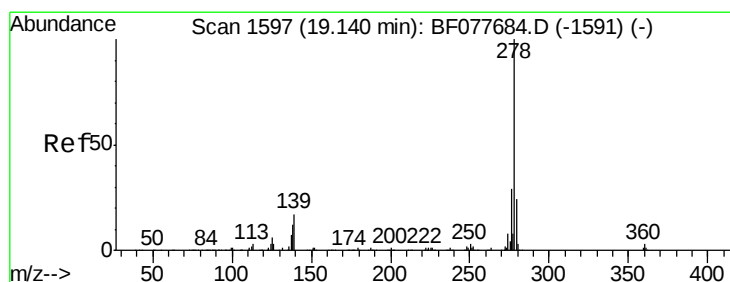
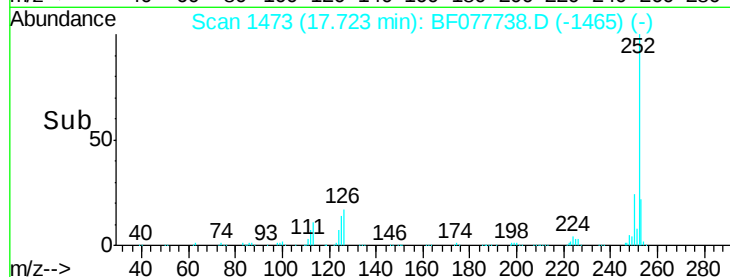
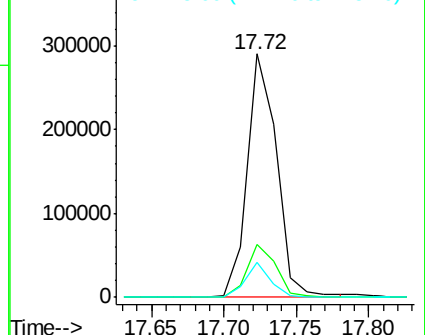
125 14.5 7.4 11.2#



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: 31.30 ng

RT: 19.21 min Scan# 1603

Delta R.T. -0.01 min

Lab File: BF077738.D

Acq: 13 Mar 2015 14:27

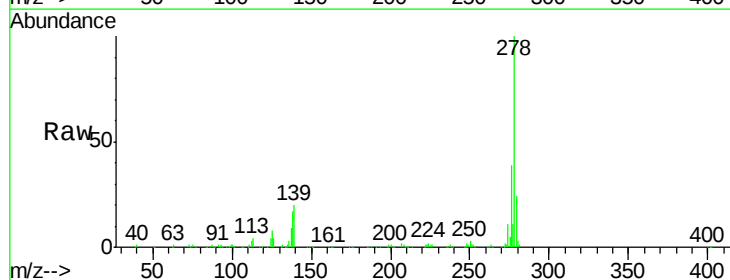
Tgt Ion:278 Resp: 384442

Ion Ratio Lower Upper

278 100

139 20.3 13.4 20.0#

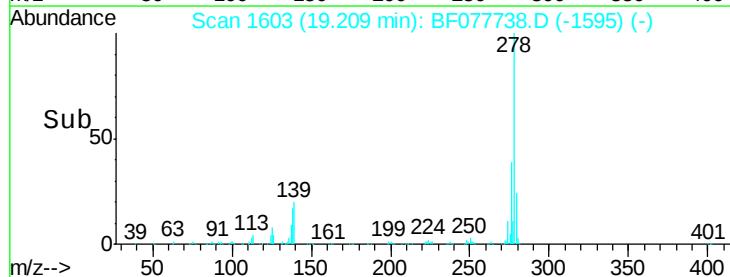
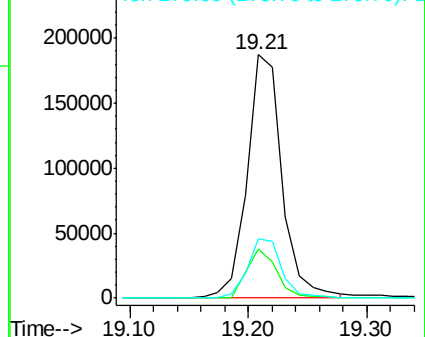
279 24.3 19.0 28.4

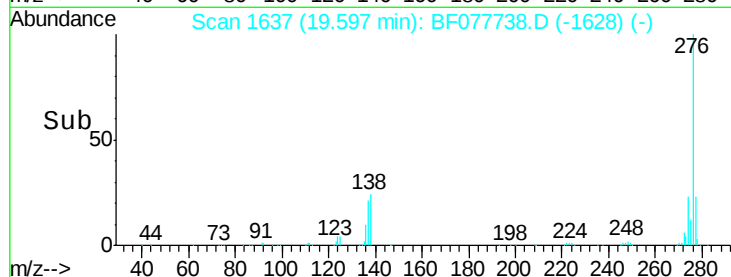
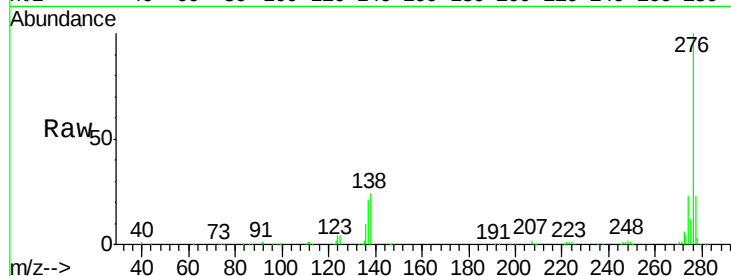
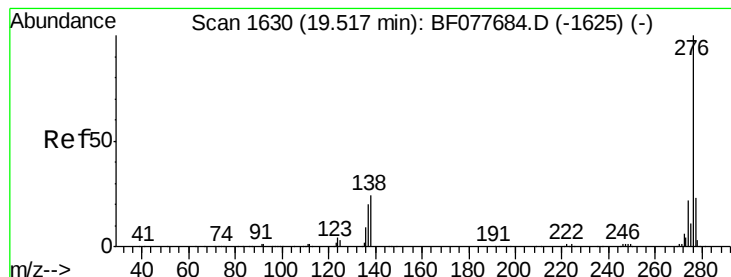


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 30.69 ng

RT: 19.60 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BF077738.D

Acq: 13 Mar 2015 14:27

Instrument :

BNA_F

ClientSampleId :

PB82103BS

Tgt Ion: 276 Resp: 383785

Ion Ratio Lower Upper

276 100

277 23.2 18.5 27.7

138 24.4 19.0 28.6

