

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
 Data File : BF077751.D
 Acq On : 16 Mar 2015 14:04
 Operator : TP/IZ
 Sample : PB82101BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82101BS

Quant Time: Mar 17 00:02:06 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 17 00:51:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	53036	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	215404	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	111200	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	222405	20.00	ng	0.00
75) Chrysene-d12	16.04	240	223449	20.00	ng	0.01
86) Perylene-d12	17.79	264	212602	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	317154	104.38	ng	0.00
7) Phenol-d6	6.74	99	395886	105.46	ng	0.00
23) Nitrobenzene-d5	7.87	82	234663	71.41	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	108658	102.13	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	513021	67.80	ng	0.00
78) Terphenyl-d14	14.74	244	631575	69.04	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.09	88	33800	24.50	ng	# 100
3) Pyridine	2.78	79	89220	24.07	ng	99
4) n-Nitrosodimethylamine	2.70	42	45722	28.33	ng	93
6) Aniline	6.76	93	77252	14.39	ng	# 32
8) 2-Chlorophenol	6.90	128	120014	33.18	ng	95
9) Benzaldehyde	6.62	77	10565	6.87	ng	94
10) Phenol	6.76	94	138845	31.29	ng	89
11) bis(2-Chloroethyl)ether	6.86	93	111507	33.55	ng	94
12) 1,3-Dichlorobenzene	7.09	146	123187	30.62	ng	98
13) 1,4-Dichlorobenzene	7.20	146	125413	30.01	ng	98
14) 1,2-Dichlorobenzene	7.38	146	121732	31.77	ng	99
15) Benzyl Alcohol	7.36	79	93087	31.77	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.54	45	149748	33.43	ng	99
17) 2-Methylphenol	7.50	107	96053	32.62	ng	95
18) Hexachloroethane	7.79	117	42538	31.03	ng	91
19) n-Nitroso-di-n-propylamine	7.69	70	77693	29.92	ng	94
20) 3+4-Methylphenols	7.70	107	125859	32.58	ng	95
22) Acetophenone	7.69	105	163538	34.30	ng	# 92
24) Nitrobenzene	7.89	77	117805	33.28	ng	# 82
25) Isophorone	8.19	82	219739	33.11	ng	98
26) 2-Nitrophenol	8.28	139	56537	32.62	ng	# 90
27) 2,4-Dimethylphenol	8.35	122	111452	35.30	ng	96
28) bis(2-Chloroethoxy)methane	8.48	93	140596	34.90	ng	98
29) 2,4-Dichlorophenol	8.58	162	104839	34.83	ng	96
30) 1,2,4-Trichlorobenzene	8.68	180	107116	31.81	ng	99
31) Naphthalene	8.77	128	348727	31.52	ng	100
32) Benzoic acid	8.46	122	43813	26.37	ng	88
33) 4-Chloroaniline	8.85	127	86188	19.20	ng	98
34) Hexachlorobutadiene	8.93	225	59179	31.01	ng	97
35) Caprolactam	9.28	113	31938	36.31	ng	95
36) 4-Chloro-3-methylphenol	9.46	107	109815	36.26	ng	89
37) 2-Methylnaphthalene	9.63	142	252470	33.97	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.84	216	105952	31.95	ng	# 100
40) Hexachlorocyclopentadiene	9.82	237	100260	61.16	ng	99

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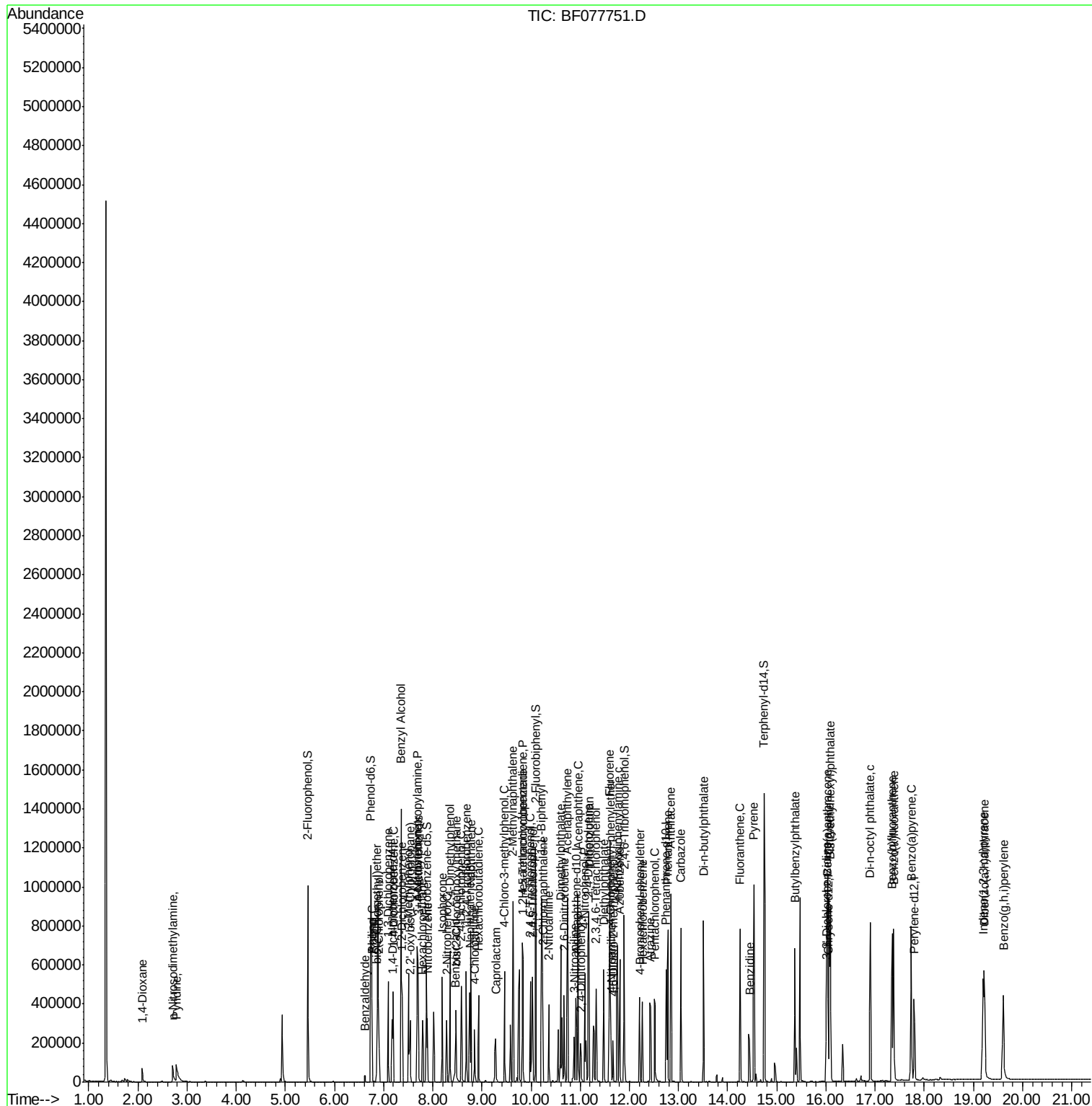
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.98	196	73455	31.97	ng	99
43) 2,4,5-Trichlorophenol	10.03	196	78723	31.72	ng	# 92
45) 1,1'-Biphenyl	10.21	154	295994	33.30	ng	99
46) 2-Chloronaphthalene	10.24	162	232455	32.18	ng	99
47) 2-Nitroaniline	10.36	65	61999	34.56	ng	91
48) Acenaphthylene	10.74	152	375065	31.22	ng	100
49) Dimethylphthalate	10.60	163	283350	34.36	ng	99
50) 2,6-Dinitrotoluene	10.67	165	58134	34.00	ng	96
51) Acenaphthene	10.96	154	218946	31.79	ng	99
52) 3-Nitroaniline	10.88	138	50999	25.69	ng	100
53) 2,4-Dinitrophenol	11.01	184	34575	57.56	ng	# 65
54) Dibenzofuran	11.17	168	348853	34.15	ng	100
55) 4-Nitrophenol	11.09	139	95661	65.04	ng	82
56) 2,4-Dinitrotoluene	11.16	165	81719	36.66	ng	# 97
57) Fluorene	11.60	166	279346	32.93	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.32	232	62440	32.67	ng	# 100
59) Diethylphthalate	11.48	149	276551	34.41	ng	99
60) 4-Chlorophenyl-phenylether	11.61	204	127794	33.01	ng	95
61) 4-Nitroaniline	11.63	138	66372	33.54	ng	97
62) Azobenzene	11.80	77	262832	34.22	ng	97
64) 4,6-Dinitro-2-methylphenol	11.67	198	28288	28.82	ng	97
65) n-Nitrosodiphenylamine	11.76	169	243751	32.91	ng	100
66) 4-Bromophenyl-phenylether	12.21	248	77901	32.82	ng	94
67) Hexachlorobenzene	12.27	284	84646	32.46	ng	# 92
68) Atrazine	12.43	200	78281	37.72	ng	100
69) Pentachlorophenol	12.52	266	79246	58.86	ng	97
70) Phenanthrene	12.79	178	415197	32.52	ng	100
71) Anthracene	12.84	178	411156	32.59	ng	99
72) Carbazole	13.05	167	393784	32.82	ng	99
73) Di-n-butylphthalate	13.51	149	456185	33.91	ng	100
74) Fluoranthene	14.25	202	448143	31.82	ng	93
76) Benzidine	14.44	184	145854	26.22	ng	97
77) Pyrene	14.53	202	470398	33.48	ng	99
79) Butylbenzylphthalate	15.37	149	196923	35.55	ng	98
80) Benzo(a)anthracene	16.02	228	439415	33.17	ng	100
81) 3,3'-Dichlorobenzidine	16.01	252	91522	20.95	ng	# 98
82) Chrysene	16.07	228	418496	35.14	ng	99
83) Bis(2-ethylhexyl)phthalate	16.09	149	299052	35.64	ng	# 95
84) Di-n-octyl phthalate	16.90	149	492701	34.34	ng	100
85) Indeno(1,2,3-cd)pyrene	19.20	276	395008	26.57	ng	# 100
87) Benzo(b)fluoranthene	17.35	252	416279	29.99	ng	# 96
88) Benzo(k)fluoranthene	17.38	252	413935	38.18	ng	98
89) Benzo(a)pyrene	17.73	252	406623	35.11	ng	99
90) Dibenzo(a,h)anthracene	19.22	278	369722	32.19	ng	97
91) Benzo(g,h,i)perylene	19.61	276	366963	31.38	ng	98

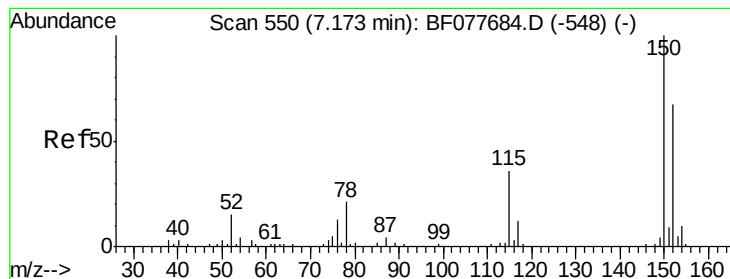
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.17 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF077751.D

Acq: 16 Mar 2015 14:04

Instrument :

BNA_F

ClientSampleId :

PB82101BS

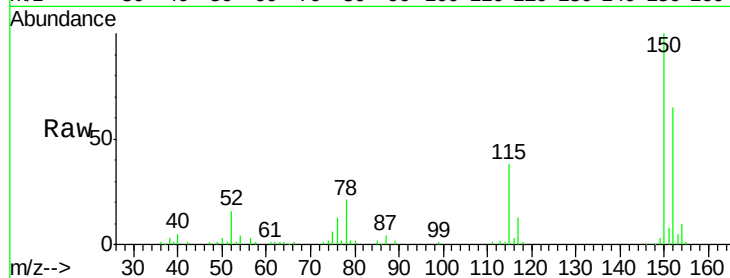
Tgt Ion:152 Resp: 53036

Ion Ratio Lower Upper

152 100

150 153.1 119.5 179.3

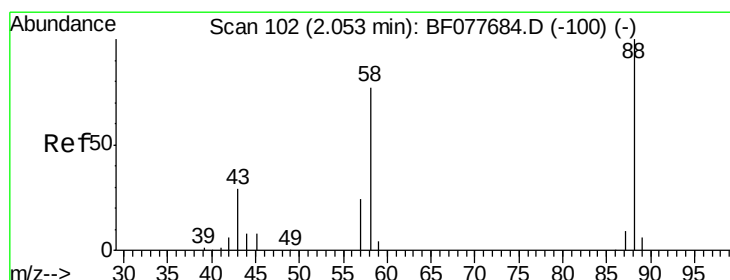
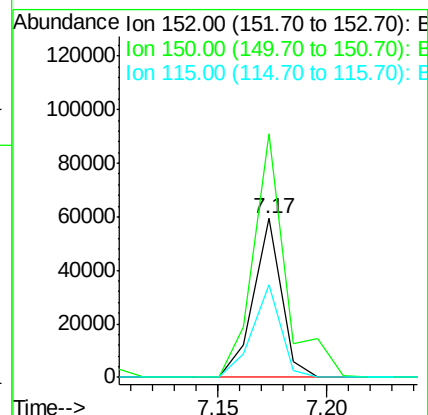
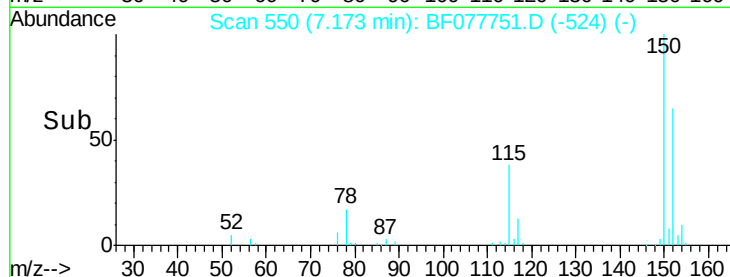
115 57.9 43.0 64.4



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: 24.50 ng

RT: 2.09 min Scan# 105

Delta R.T. 0.02 min

Lab File: BF077751.D

Acq: 16 Mar 2015 14:04

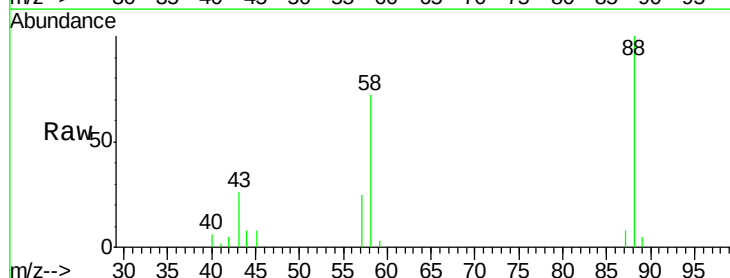
Tgt Ion: 88 Resp: 33800

Ion Ratio Lower Upper

88 100

58 72.0 0.0 0.0#

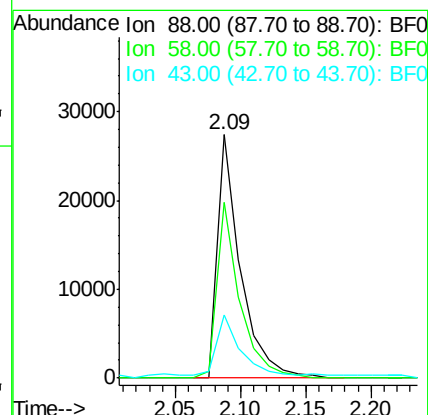
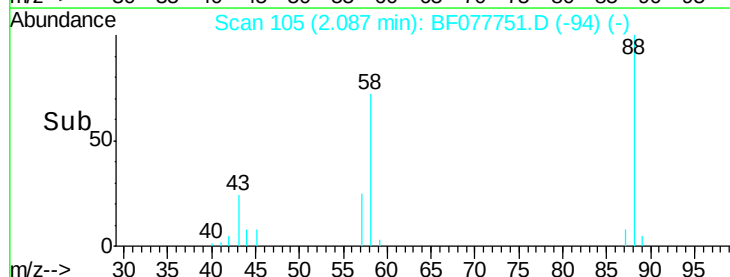
43 31.6 0.0 0.0#

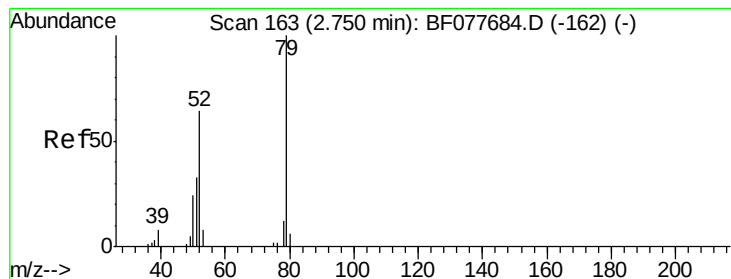


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 24.07 ng

RT: 2.78 min Scan# 166

Delta R.T. 0.03 min

Lab File: BF077751.D

Acq: 16 Mar 2015 14:04

Instrument :

BNA_F

ClientSampleId :

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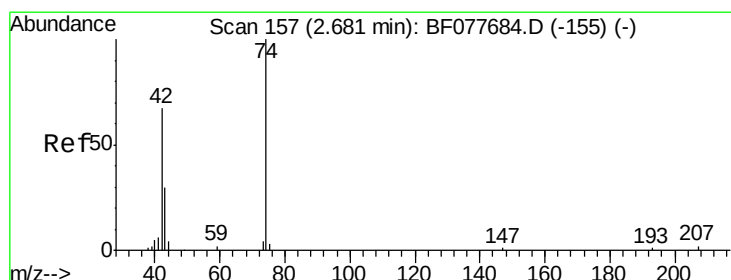
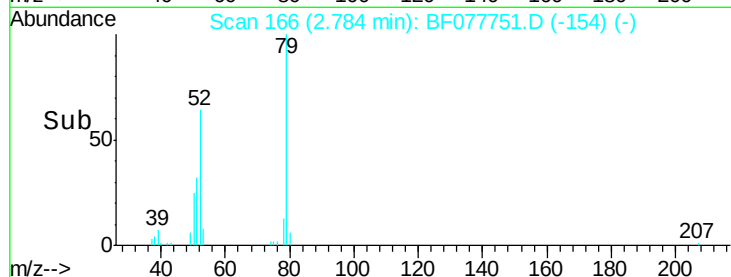
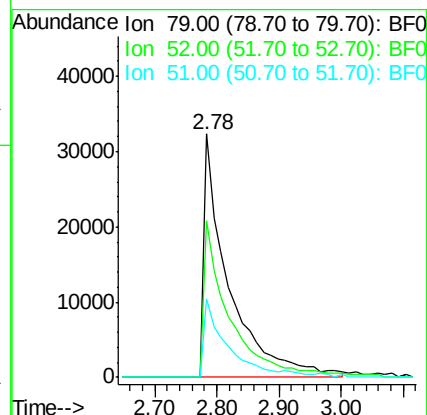
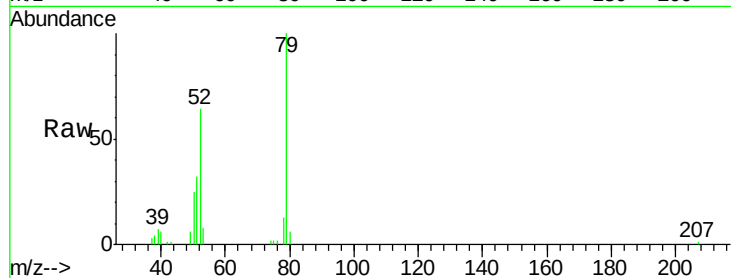
Tgt Ion: 79 Resp: 89220

Ion Ratio Lower Upper

79 100

52 64.5 51.1 76.7

51 32.0 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 28.33 ng

RT: 2.70 min Scan# 159

Delta R.T. 0.02 min

Lab File: BF077751.D

Acq: 16 Mar 2015 14:04

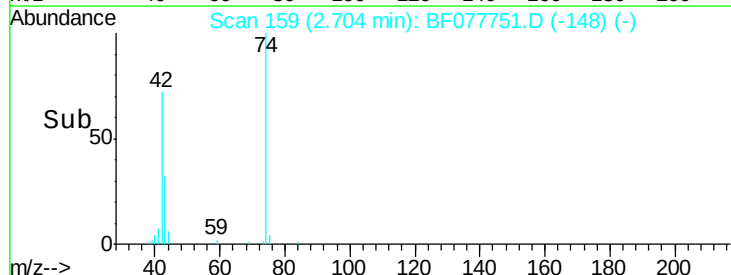
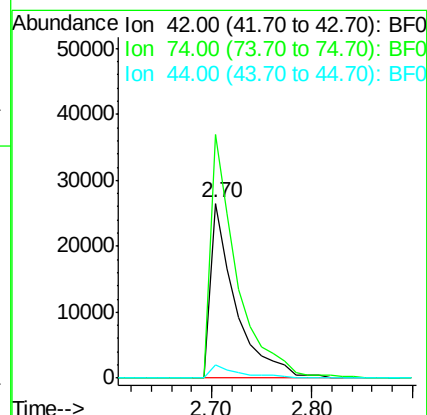
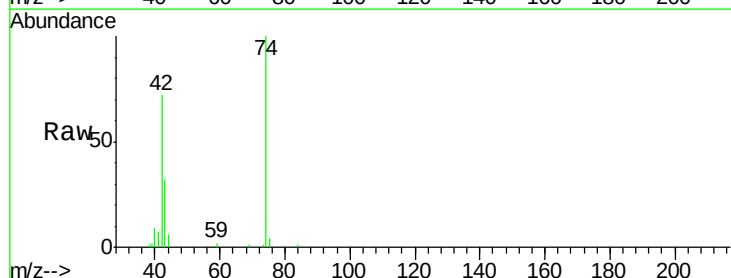
Tgt Ion: 42 Resp: 45722

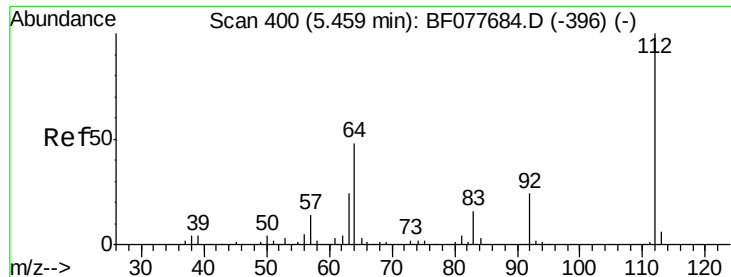
Ion Ratio Lower Upper

42 100

74 139.5 119.3 178.9

44 7.8 5.4 8.2





#5

2-Fluorophenol

Concen: 104.38 ng

RT: 5.46 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF077751.D

Acq: 16 Mar 2015 14:04

Instrument :

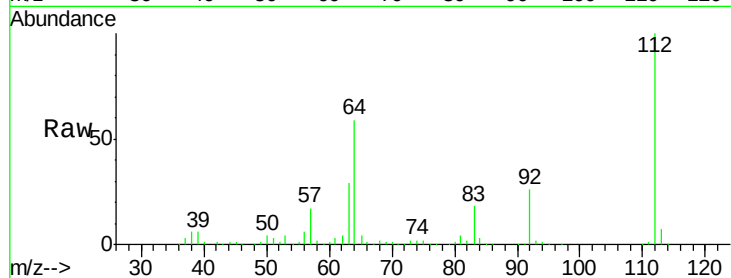
BNA_F

ClientSampleId :

PB82101BS

Tgt Ion: 112 Resp: 317154

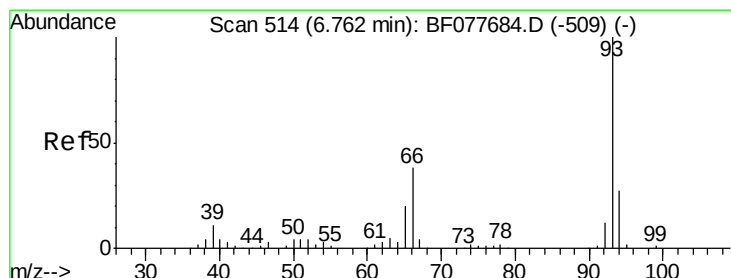
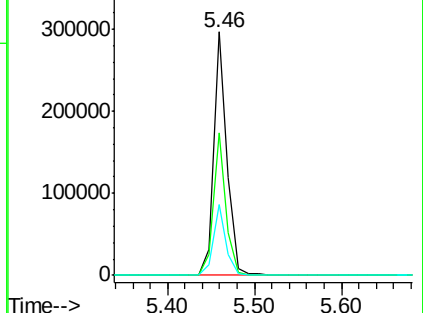
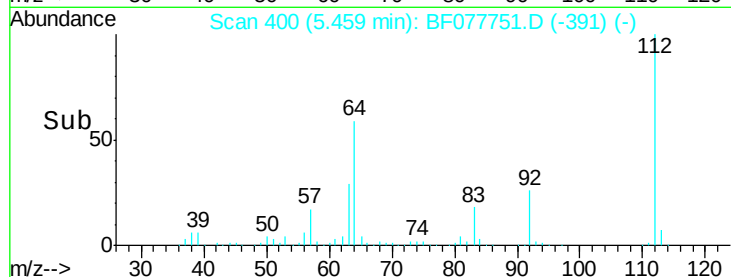
Ion	Ratio	Lower	Upper
112	100		
64	58.6	38.6	57.8#
63	29.2	19.3	28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 14.39 ng

RT: 6.76 min Scan# 514

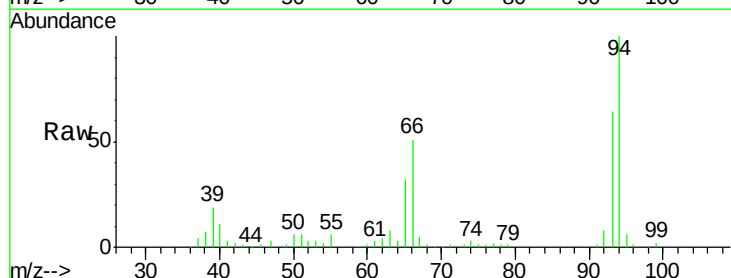
Delta R.T. 0.00 min

Lab File: BF077751.D

Acq: 16 Mar 2015 14:04

Tgt Ion: 93 Resp: 77252

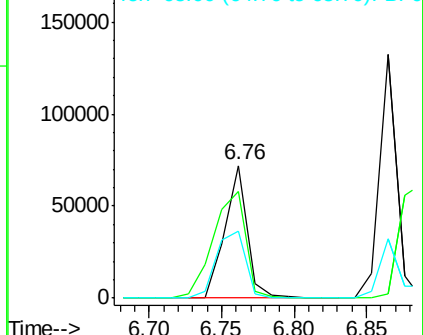
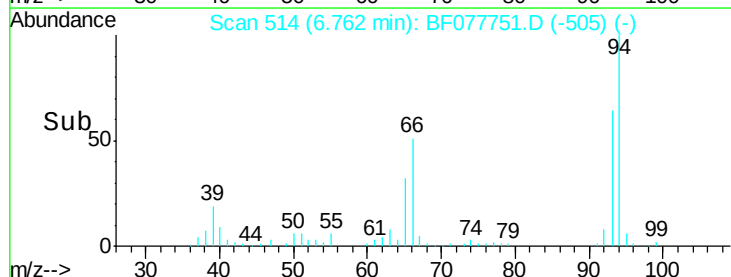
Ion	Ratio	Lower	Upper
93	100		
66	80.2	30.8	46.2#
65	50.5	16.0	24.0#

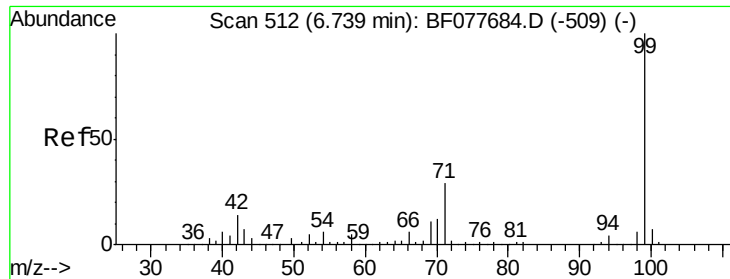


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 105.46 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF077751.D

Acq: 16 Mar 2015 14:04

Instrument :

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ClientSampled :

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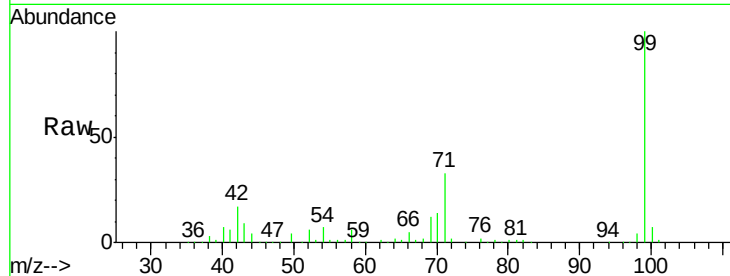
Tgt Ion: 99 Resp: 395886

Ion Ratio Lower Upper

99 100

42 17.4 11.0 16.4#

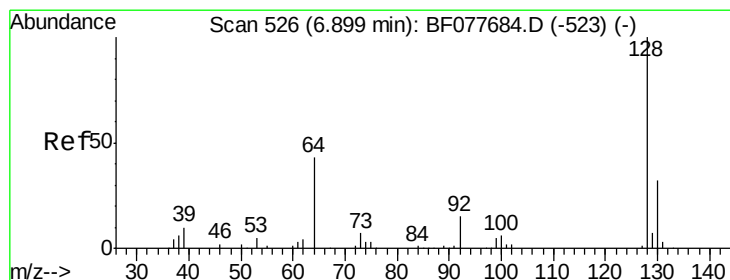
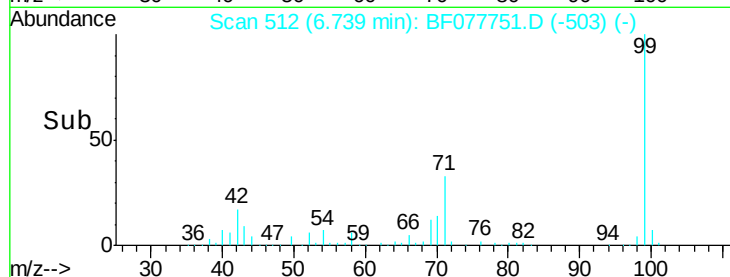
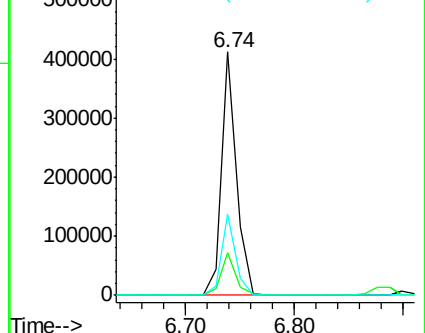
71 33.3 23.4 35.2



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: 33.18 ng

RT: 6.90 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF077751.D

Acq: 16 Mar 2015 14:04

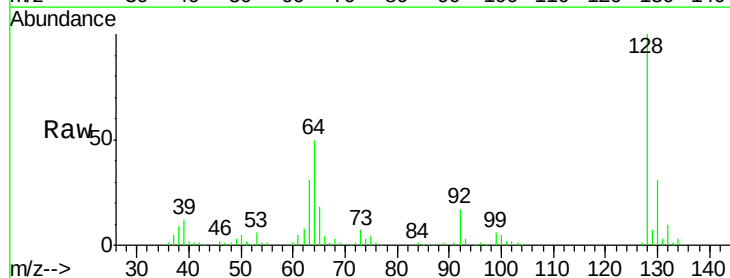
Tgt Ion: 128 Resp: 120014

Ion Ratio Lower Upper

128 100

130 31.1 12.0 52.0

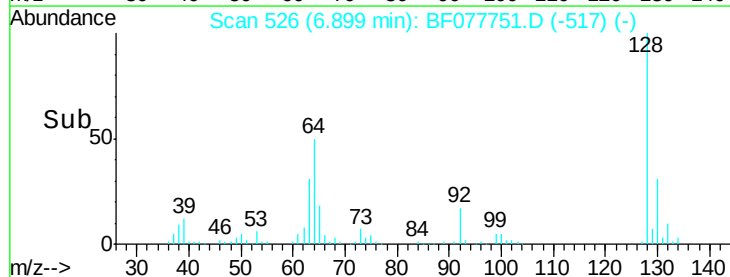
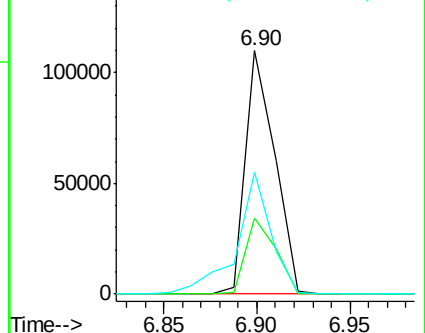
64 50.3 24.9 64.9

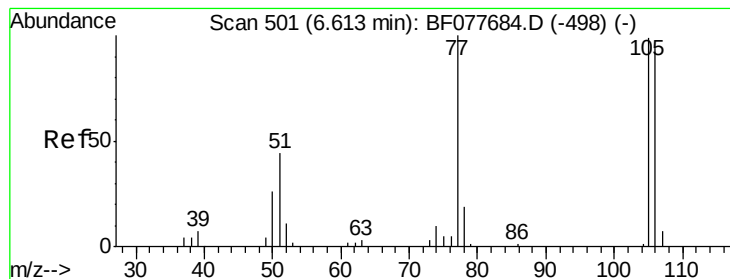


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 6.87 ng

RT: 6.62 min Scan# 502

Delta R.T. 0.01 min

Lab File: BF077751.D

Acq: 16 Mar 2015 14:04

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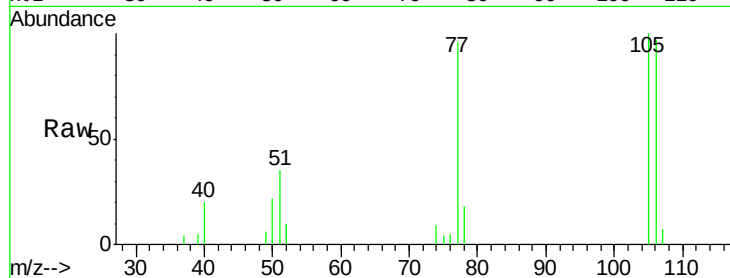
Tgt Ion: 77 Resp: 10565

Ion Ratio Lower Upper

77 100

105 104.2 78.8 118.8

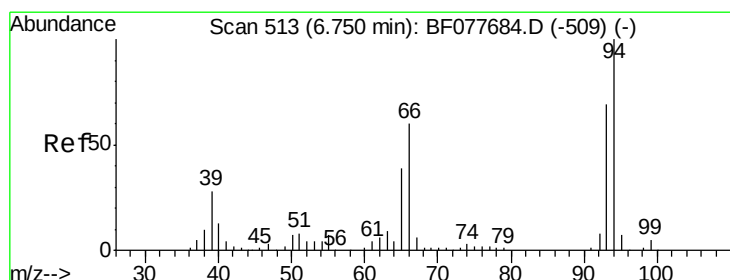
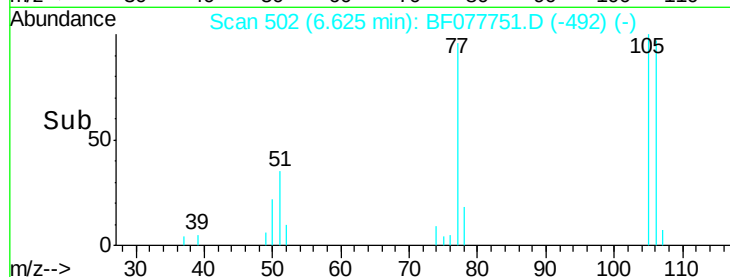
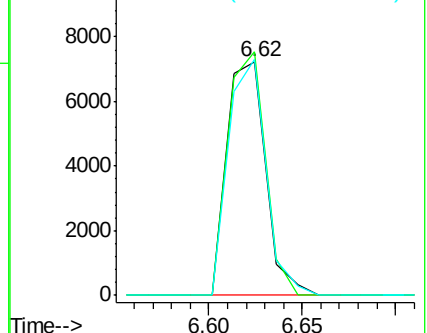
106 100.8 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 31.29 ng

RT: 6.76 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF077751.D

Acq: 16 Mar 2015 14:04

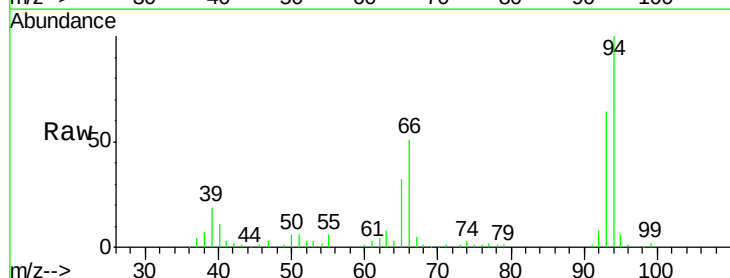
Tgt Ion: 94 Resp: 138845

Ion Ratio Lower Upper

94 100

65 32.2 18.8 58.8

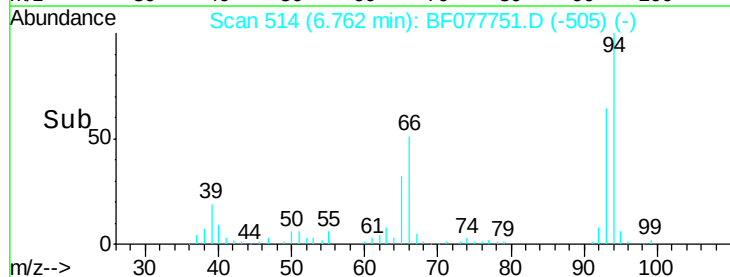
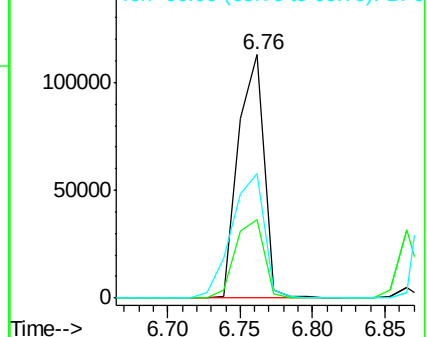
66 51.1 39.9 79.9

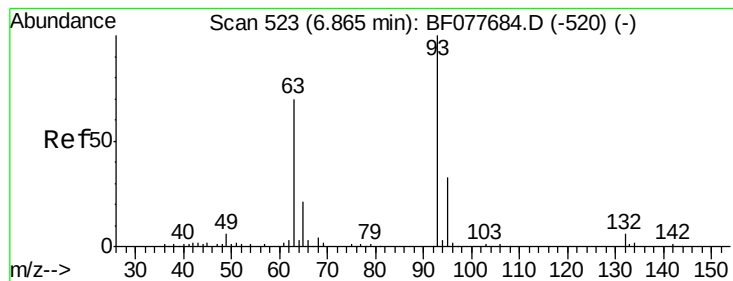


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 33.55 ng

RT: 6.86 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF077751.D

Acq: 16 Mar 2015 14:04

Instrument :

BNA_F

ClientSampleId :

PB82101BS

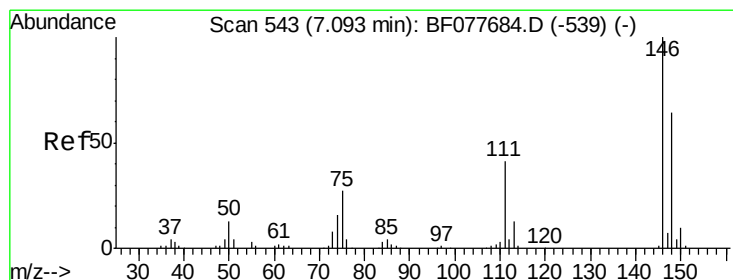
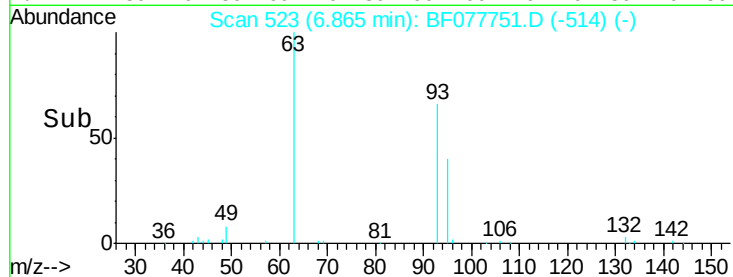
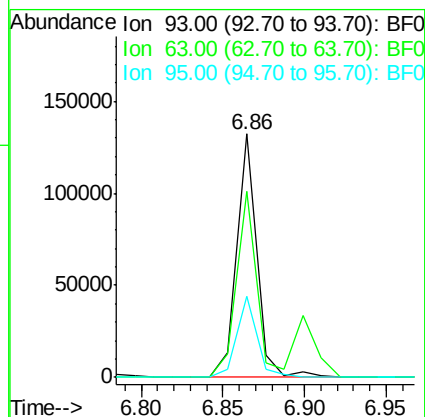
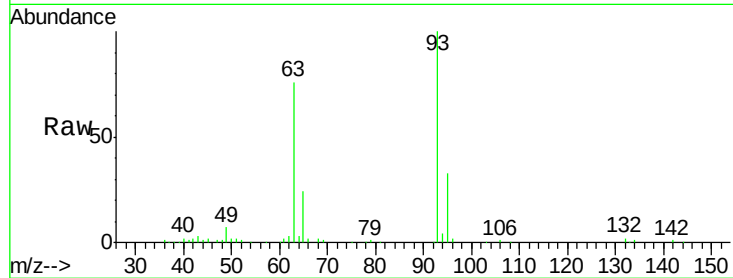
Tgt Ion: 93 Resp: 111507

Ion Ratio Lower Upper

93 100

63 76.5 49.5 89.5

95 33.3 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 30.62 ng

RT: 7.09 min Scan# 543

Delta R.T. 0.00 min

Lab File: BF077751.D

Acq: 16 Mar 2015 14:04

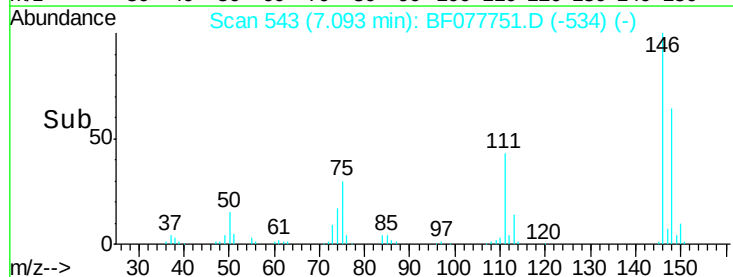
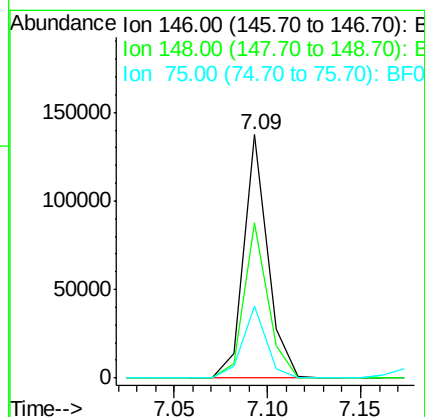
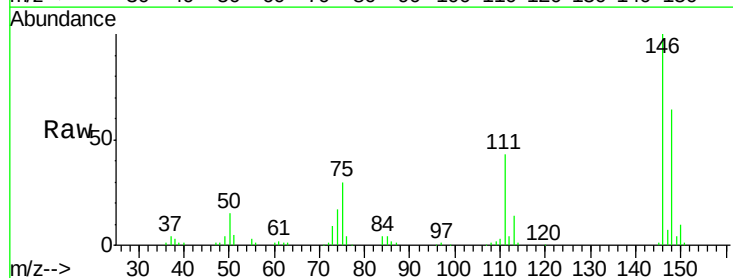
Tgt Ion: 146 Resp: 123187

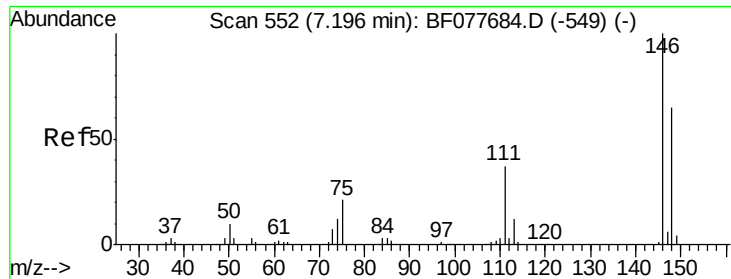
Ion Ratio Lower Upper

146 100

148 63.6 50.9 76.3

75 29.7 21.4 32.2

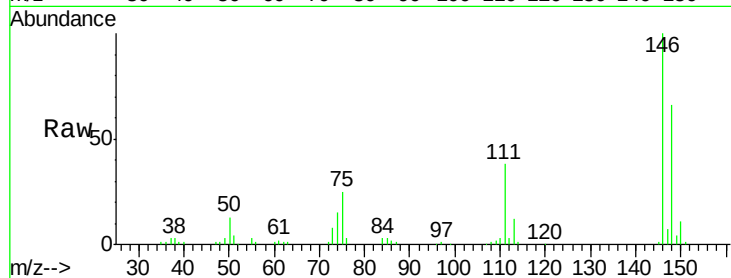




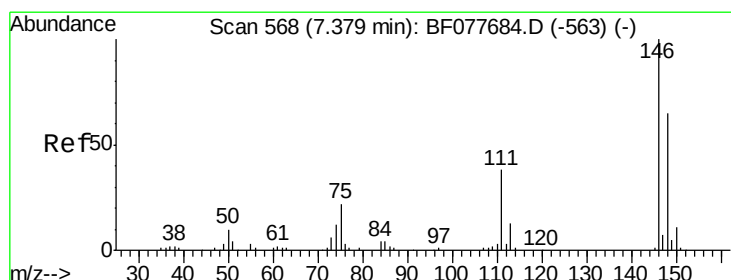
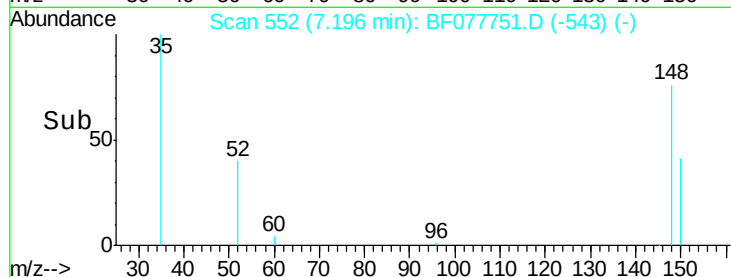
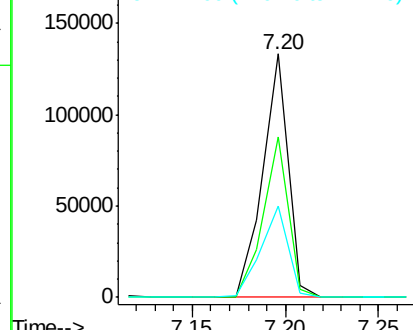
#13
 1,4-Dichlorobenzene
 Concen: 30.01 ng
 RT: 7.20 min Scan# 552
 Delta R.T. 0.00 min
 Lab File: BF077751.D
 Acq: 16 Mar 2015 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB82101BS

Tgt Ion:146 Resp: 125413
 Ion Ratio Lower Upper
 146 100
 148 66.0 51.9 77.9
 111 37.6 29.2 43.8

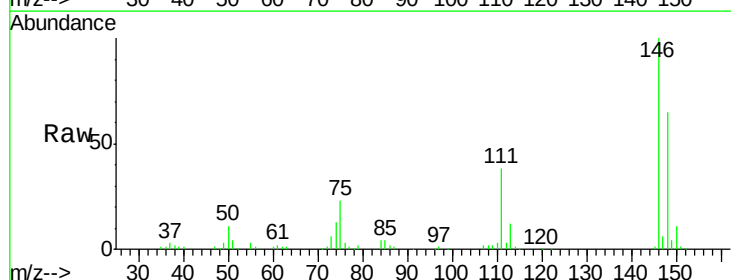


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

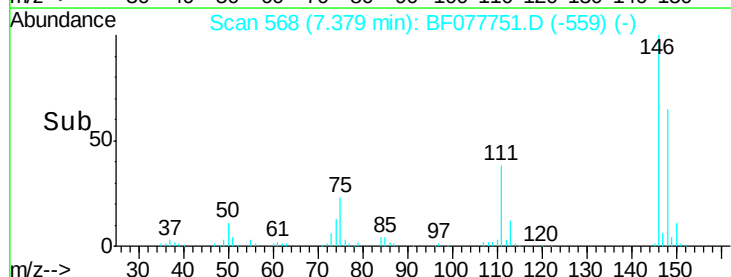
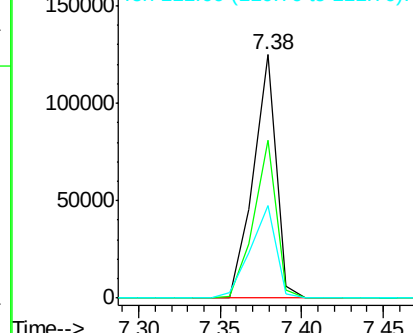


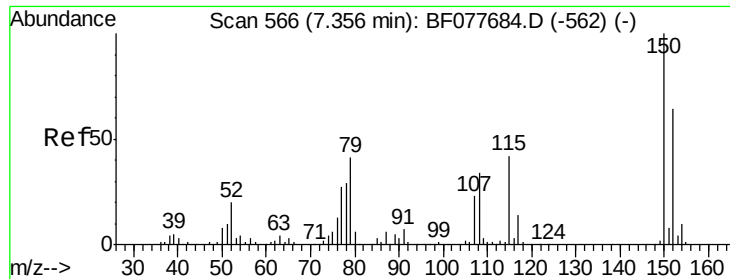
#14
 1,2-Dichlorobenzene
 Concen: 31.77 ng
 RT: 7.38 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: BF077751.D
 Acq: 16 Mar 2015 14:04

Tgt Ion:146 Resp: 121732
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.3 78.5
 111 38.2 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

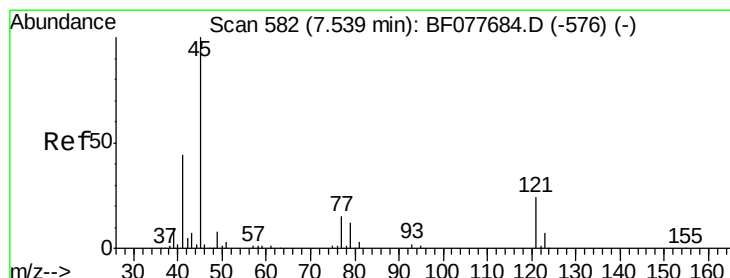
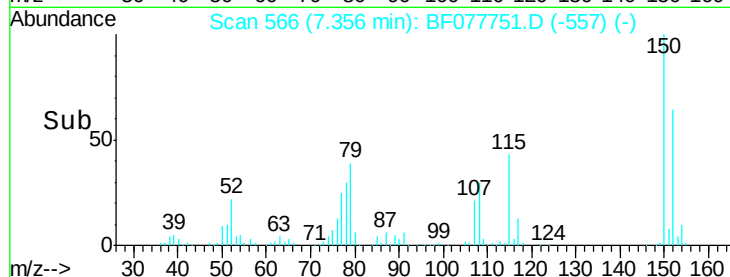
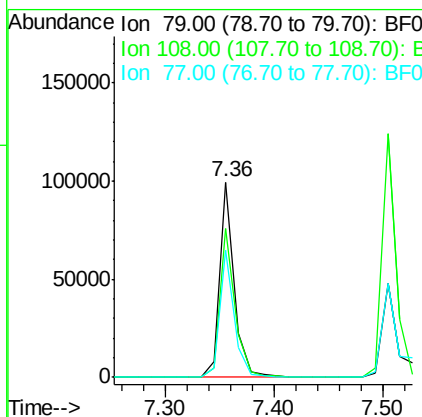
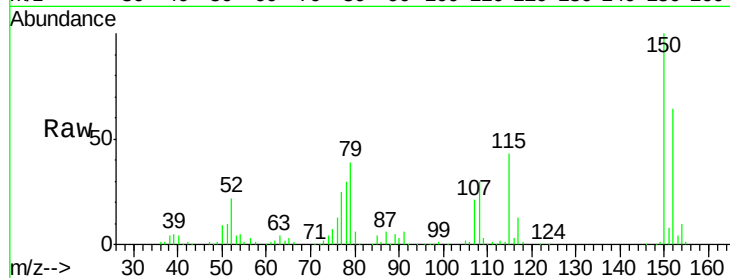




#15
Benzyl Alcohol
Concen: 31.77 ng
RT: 7.36 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF077751.D
Acq: 16 Mar 2015 14:04

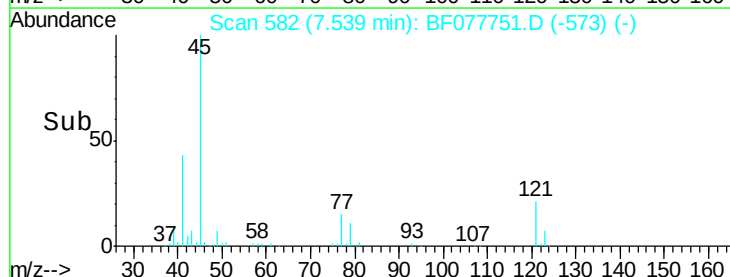
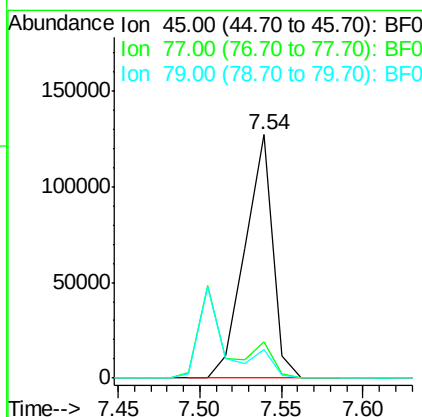
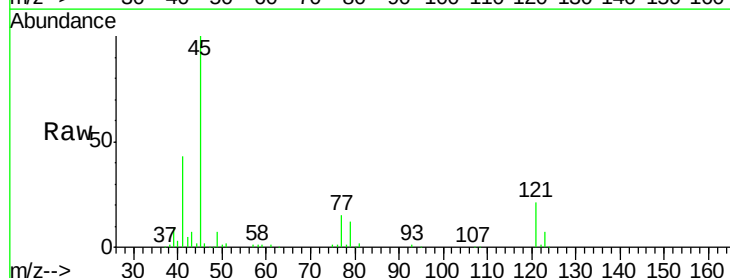
Instrument :
BNA_F
ClientSampleId :
PB82101BS

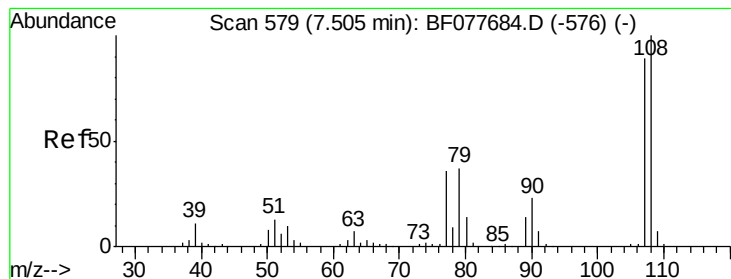
Tgt Ion: 79 Resp: 93087
Ion Ratio Lower Upper
79 100
108 76.0 65.0 97.4
77 64.9 53.0 79.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 33.43 ng
RT: 7.54 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF077751.D
Acq: 16 Mar 2015 14:04

Tgt Ion: 45 Resp: 149748
Ion Ratio Lower Upper
45 100
77 14.8 0.0 35.2
79 11.5 0.0 32.0





#17

2-Methylphenol

Concen: 32.62 ng

RT: 7.50 min Scan# 579

Delta R.T. 0.00 min

Lab File: BF077751.D

Acq: 16 Mar 2015 14:04

Instrument :

BNA_F

ClientSampleId :

PB82101BS

Tgt Ion:107 Resp: 96053

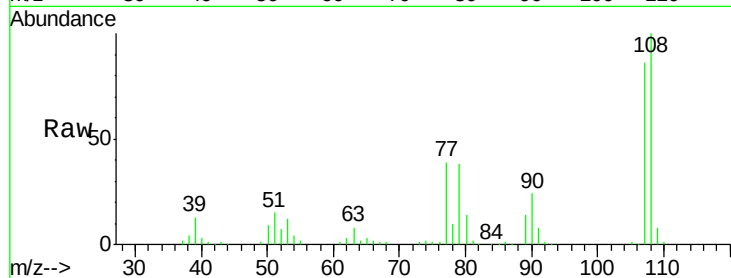
Ion Ratio Lower Upper

107 100

108 116.5 89.8 134.8

77 45.2 32.6 48.8

79 44.6 32.8 49.2

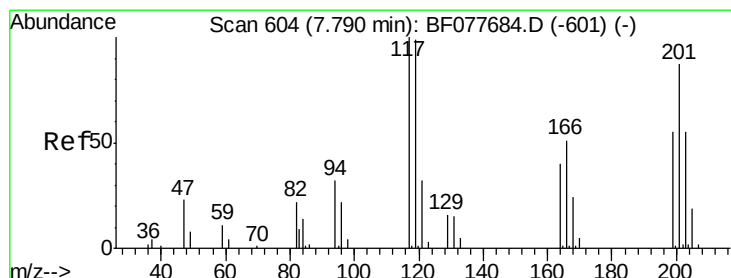
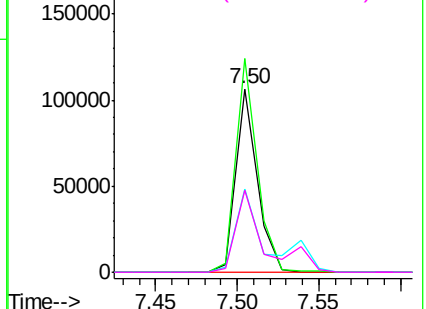
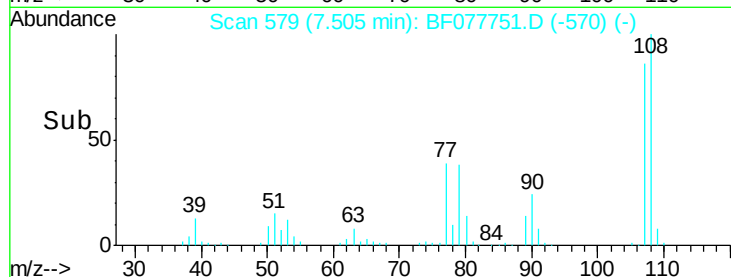


Abundance Ion 107.00 (106.70 to 107.70): E

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: 31.03 ng

RT: 7.79 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF077751.D

Acq: 16 Mar 2015 14:04

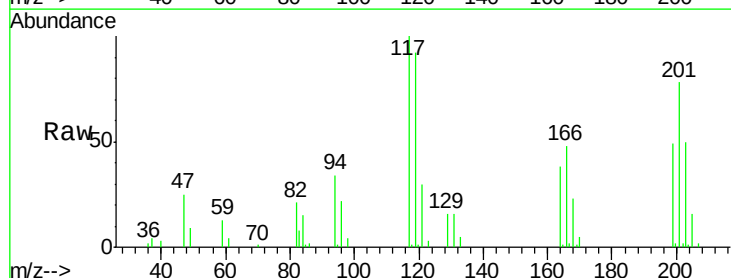
Tgt Ion:117 Resp: 42538

Ion Ratio Lower Upper

117 100

119 91.7 79.2 118.8

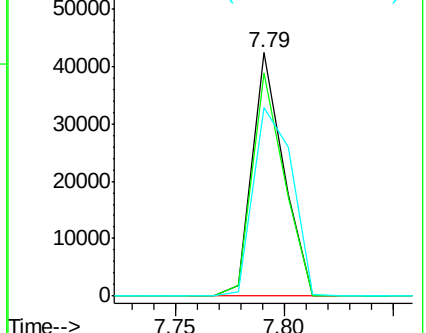
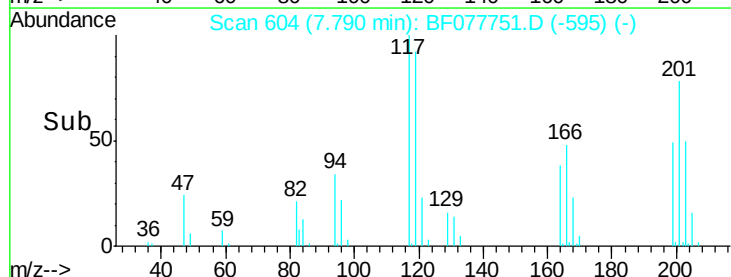
201 77.7 69.8 104.6

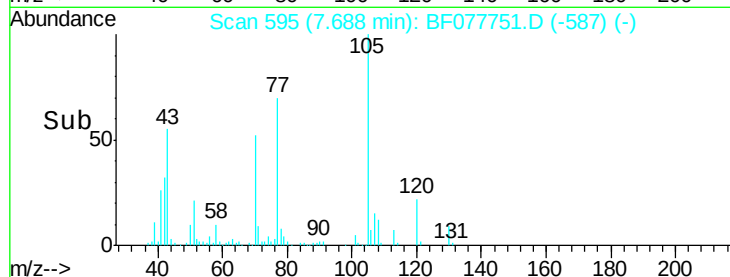
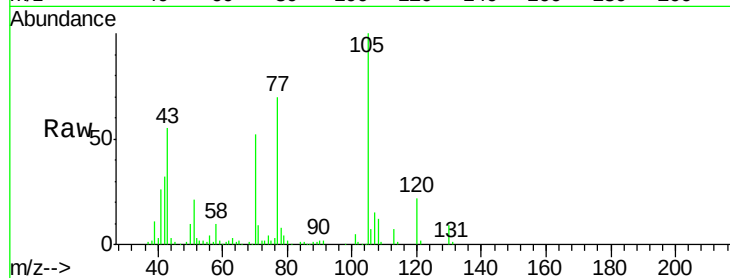
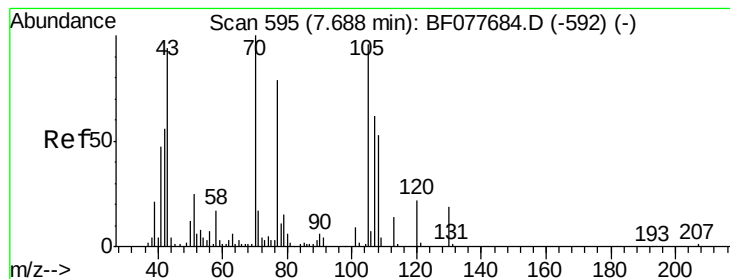


Abundance Ion 117.00 (116.70 to 117.70): E

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: 29.92 ng

RT: 7.69 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF077751.D

Acq: 16 Mar 2015 14:04

Instrument :

BNA_F

ClientSampleId :

PB82101BS

Tgt Ion: 70 Resp: 77693

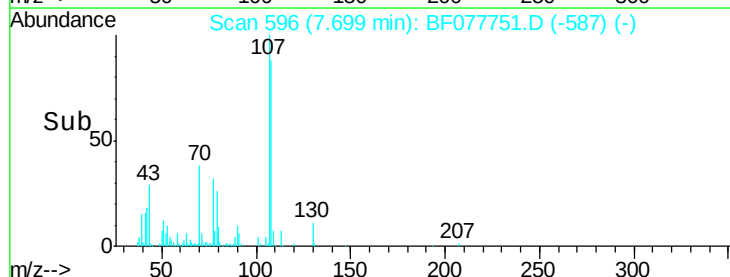
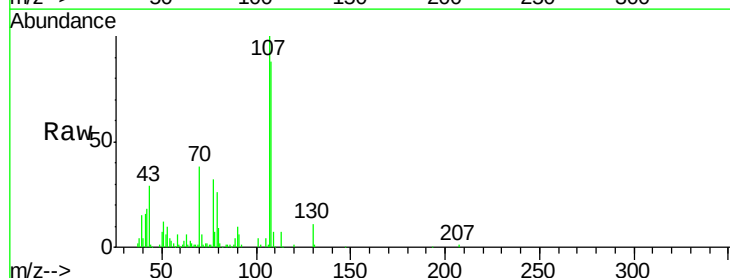
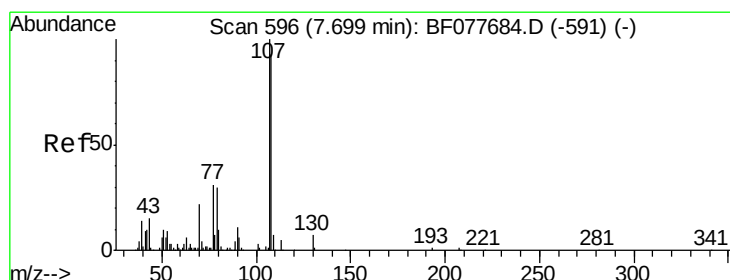
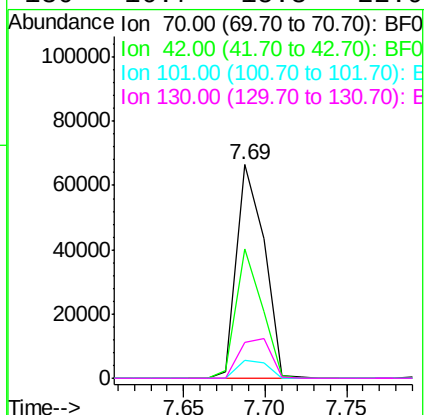
Ion Ratio Lower Upper

70 100

42 60.3 44.5 66.7

101 8.6 7.4 11.2

130 16.7 15.3 22.9



#20

3+4-Methylphenols

Concen: 32.58 ng

RT: 7.70 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF077751.D

Acq: 16 Mar 2015 14:04

Tgt Ion: 107 Resp: 125859

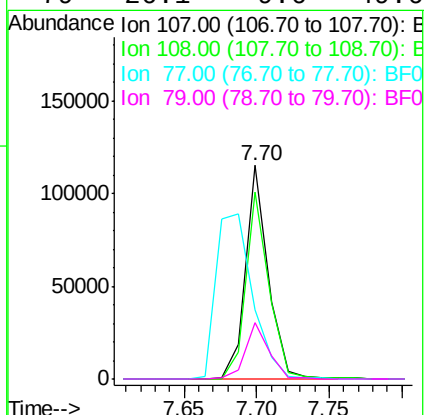
Ion Ratio Lower Upper

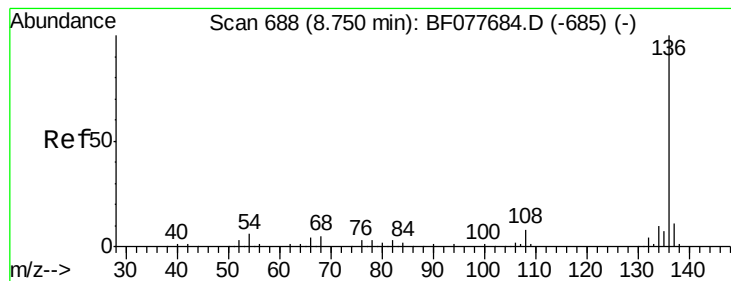
107 100

108 87.7 73.2 113.2

77 32.4 10.7 50.7

79 26.1 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: BF077751.D

Acq: 16 Mar 2015 14:04

Instrument :

BNA_F

ClientSampleId :

PB82101BS

Tgt Ion:136 Resp: 215404

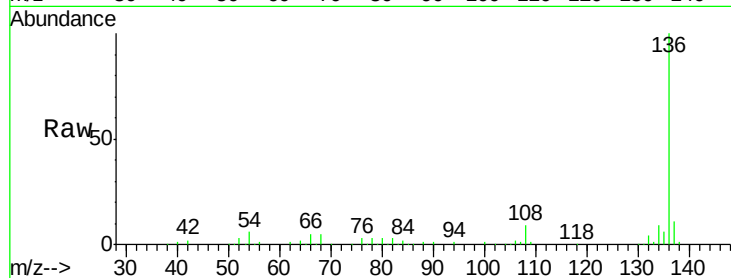
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 6.4 4.6 6.8

68 5.0 3.7 5.5

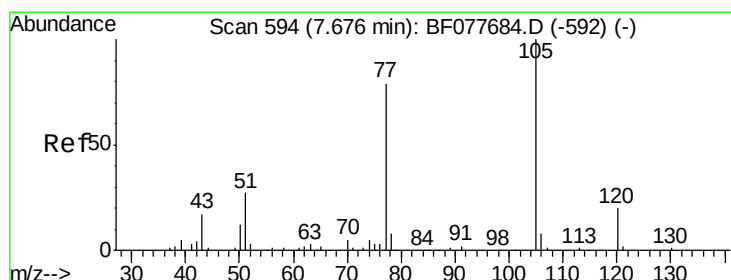
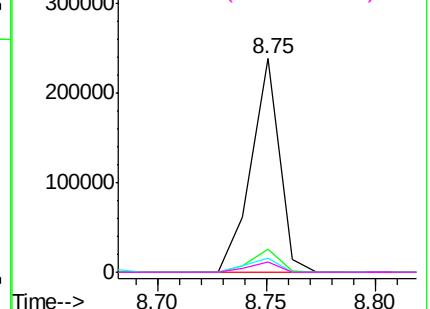
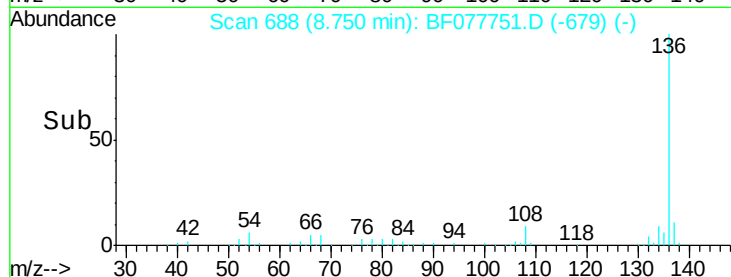


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 34.30 ng

RT: 7.69 min Scan# 595

Delta R.T. 0.00 min

Lab File: BF077751.D

Acq: 16 Mar 2015 14:04

Tgt Ion:105 Resp: 163538

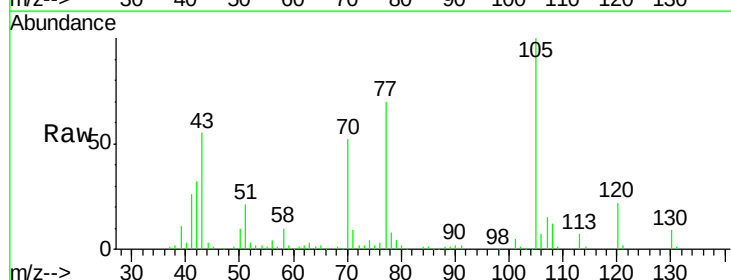
Ion Ratio Lower Upper

105 100

71 8.7 0.6 1.0#

51 20.9 21.6 32.4#

120 21.6 16.1 24.1

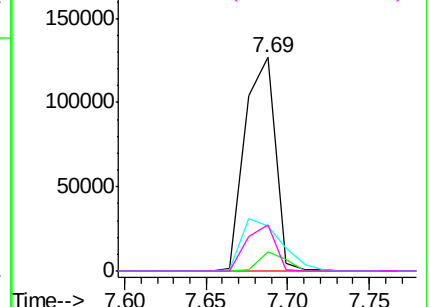
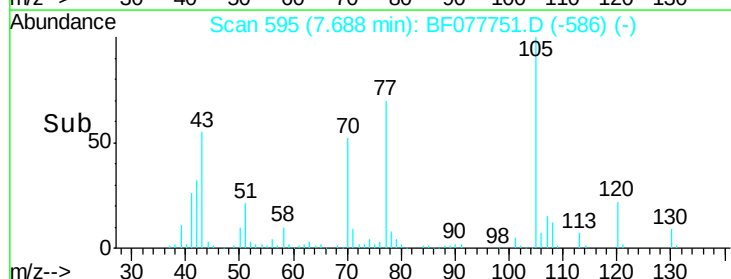


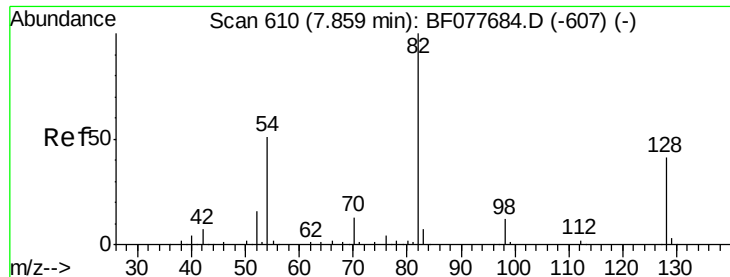
Abundance Ion 105.00 (104.70 to 105.70): E

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

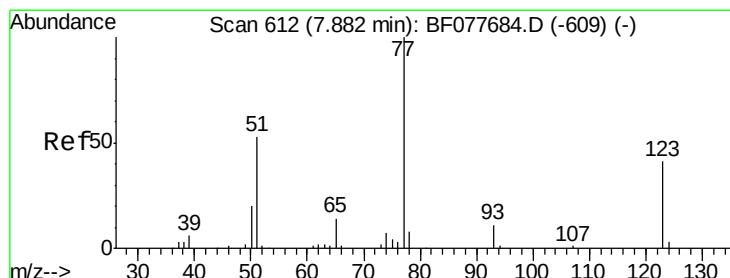
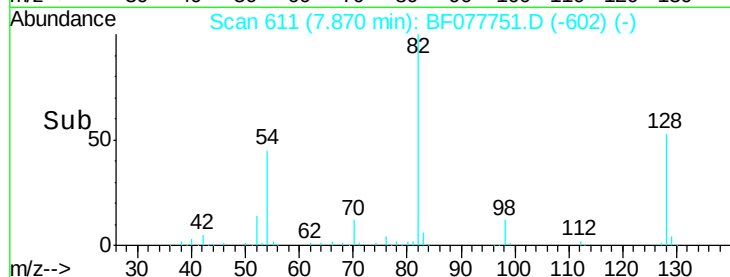
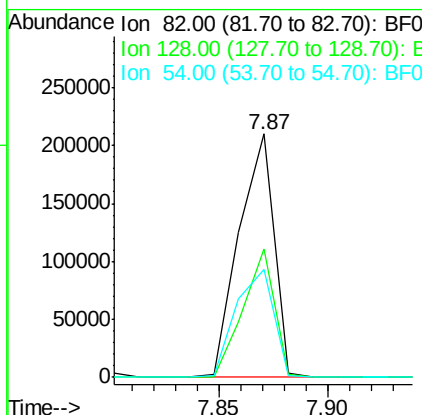
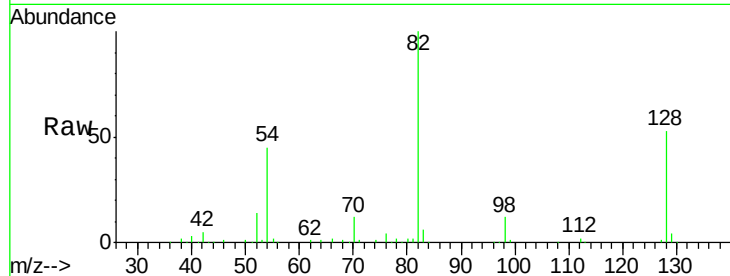




#23
 Nitrobenzene-d5
 Concen: 71.41 ng
 RT: 7.87 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF077751.D
 Acq: 16 Mar 2015 14:04

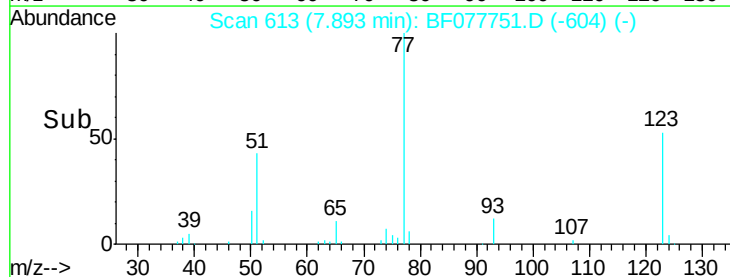
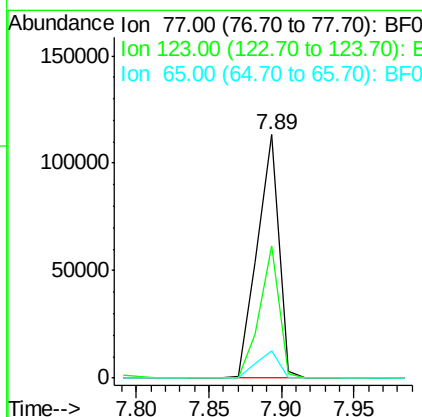
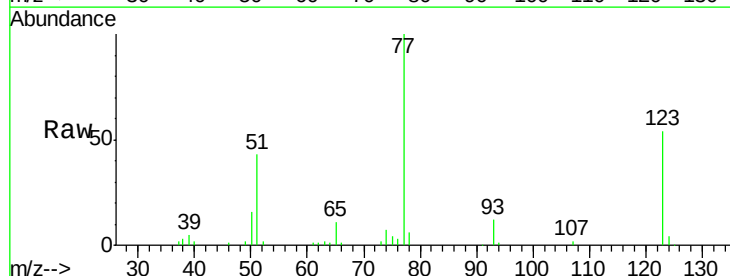
Instrument :
 BNA_F
 ClientSampled :
 PB82101BS

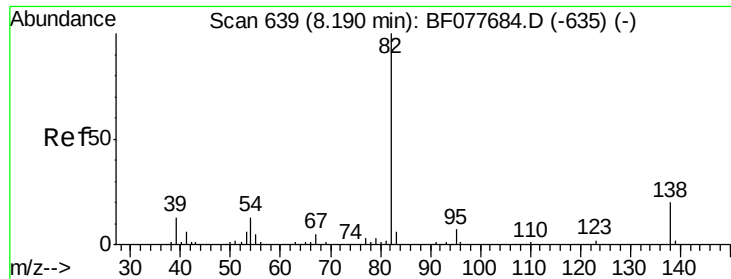
Tgt Ion: 82 Resp: 234663
 Ion Ratio Lower Upper
 82 100
 128 52.6 32.8 49.2#
 54 44.5 40.6 60.8



#24
 Nitrobenzene
 Concen: 33.28 ng
 RT: 7.89 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF077751.D
 Acq: 16 Mar 2015 14:04

Tgt Ion: 77 Resp: 117805
 Ion Ratio Lower Upper
 77 100
 123 54.3 32.6 49.0#
 65 11.3 10.9 16.3





#25

Isophorone

Concen: 33.11 ng

RT: 8.19 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF077751.D

Acq: 16 Mar 2015 14:04

Instrument :

BNA_F

ClientSampleId :

PB82101BS

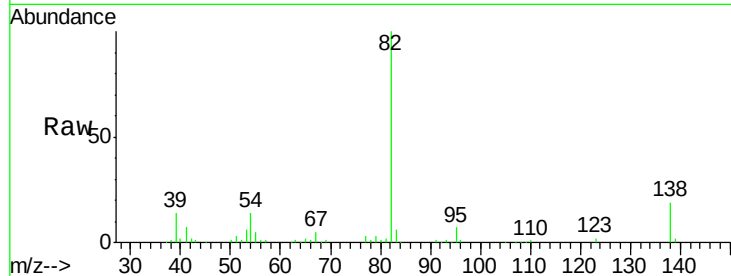
Tgt Ion: 82 Resp: 219739

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.6

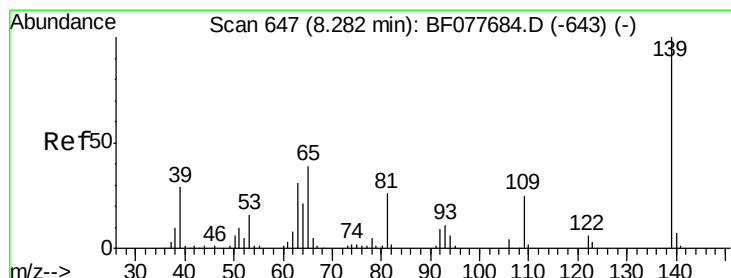
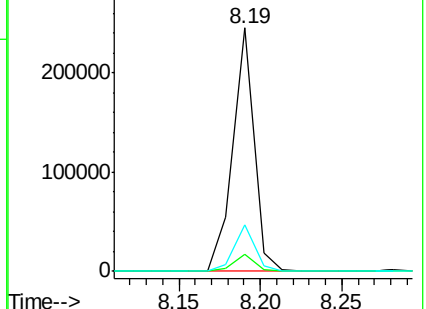
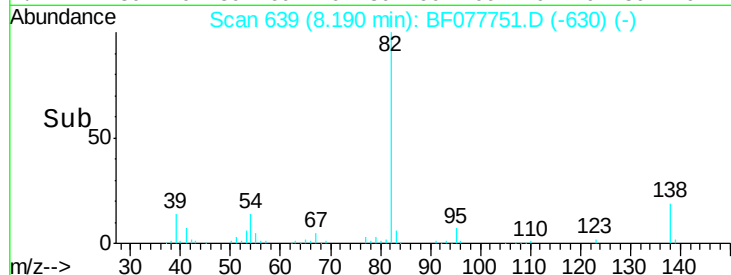
138 19.2 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BF077751.D (-630) (-)

Ion 95.00 (94.70 to 95.70): BF077751.D (-630) (-)

Ion 138.00 (137.70 to 138.70): BF077751.D (-630) (-)



#26

2-Nitrophenol

Concen: 32.62 ng

RT: 8.28 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF077751.D

Acq: 16 Mar 2015 14:04

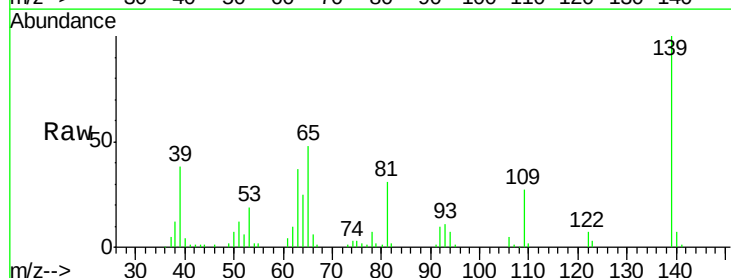
Tgt Ion: 139 Resp: 56537

Ion Ratio Lower Upper

139 100

109 26.7 20.1 30.1

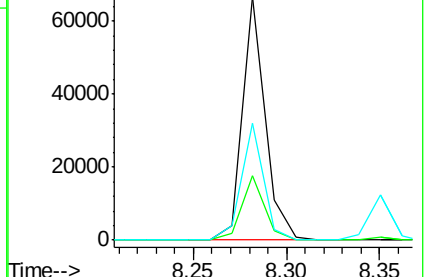
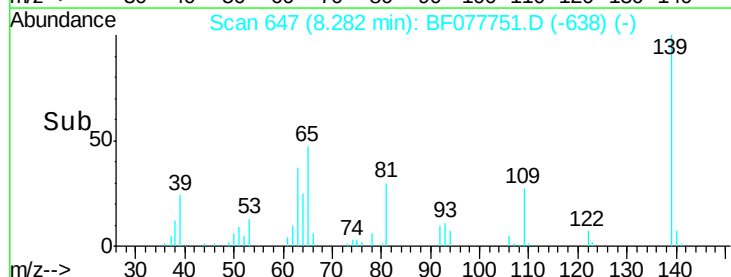
65 47.8 31.5 47.3#

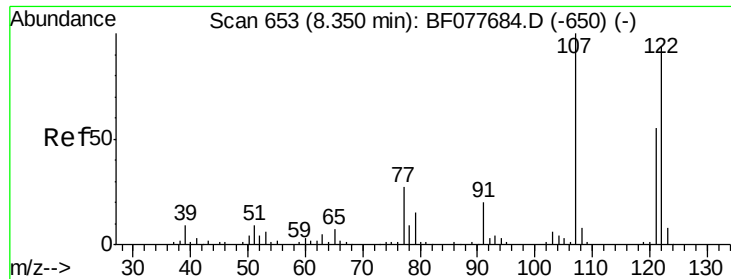


Abundance Ion 139.00 (138.70 to 139.70): BF077751.D (-638) (-)

Ion 109.00 (108.70 to 109.70): BF077751.D (-638) (-)

Ion 65.00 (64.70 to 65.70): BF077751.D (-638) (-)

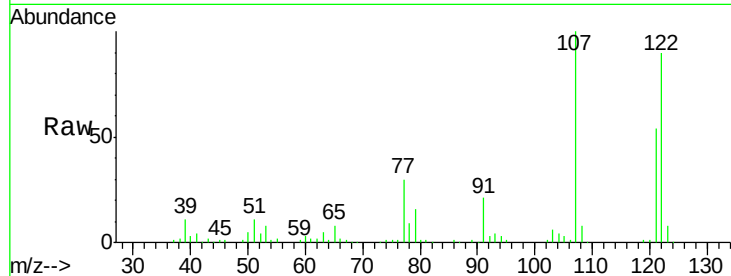




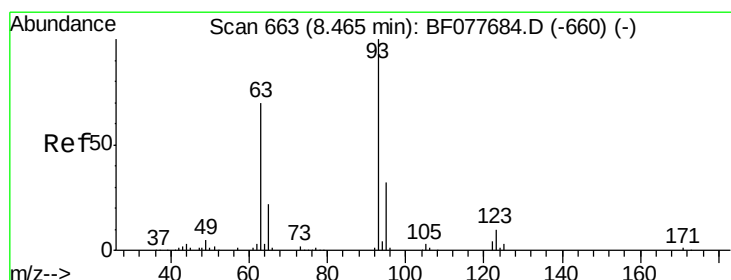
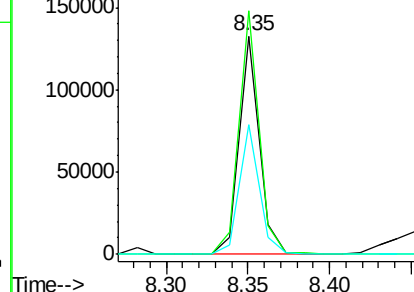
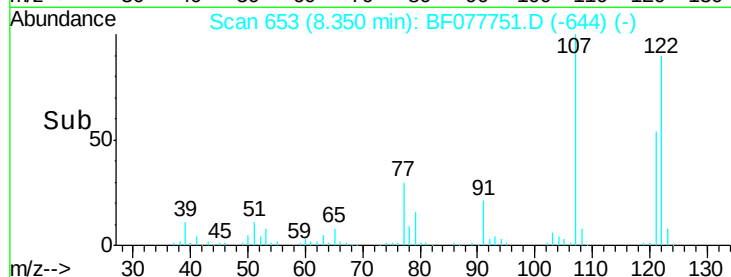
#27
2,4-Dimethylphenol
Concen: 35.30 ng
RT: 8.35 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF077751.D
Acq: 16 Mar 2015 14:04

Instrument :
BNA_F
ClientSampleId :
PB82101BS

Tgt Ion: 122 Resp: 111452
Ion Ratio Lower Upper
122 100
107 111.6 84.7 127.1
121 59.8 46.6 69.8

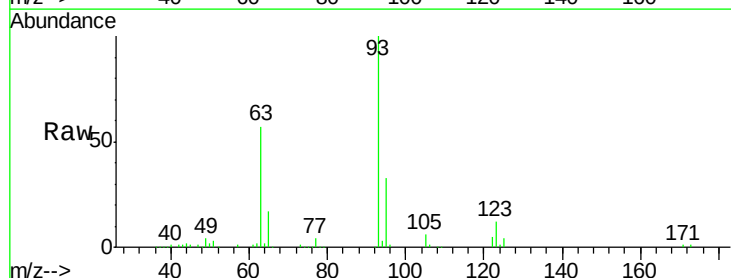


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

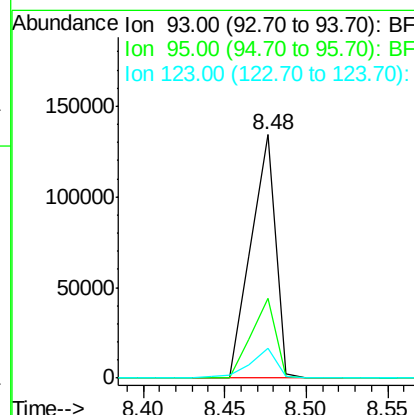
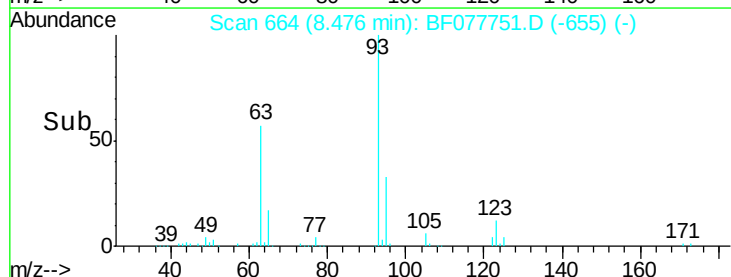


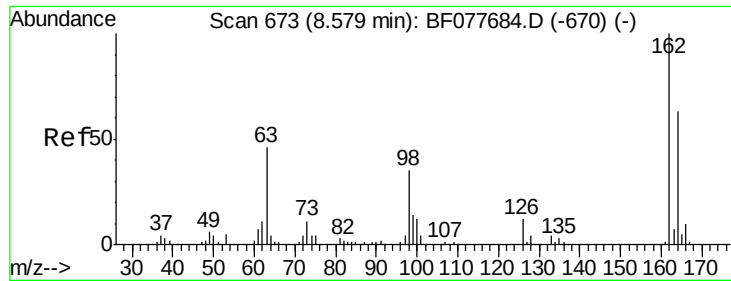
#28
bis(2-Chloroethoxy)methane
Concen: 34.90 ng
RT: 8.48 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF077751.D
Acq: 16 Mar 2015 14:04

Tgt Ion: 93 Resp: 140596
Ion Ratio Lower Upper
93 100
95 32.5 25.5 38.3
123 12.1 8.6 13.0



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

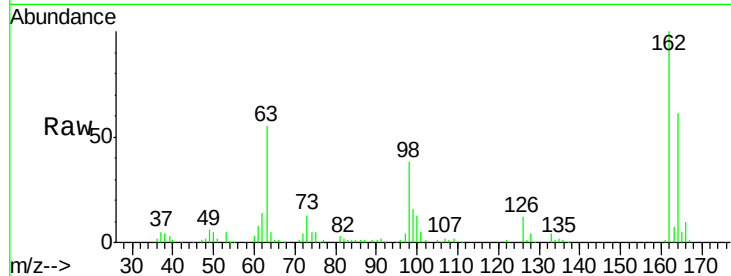




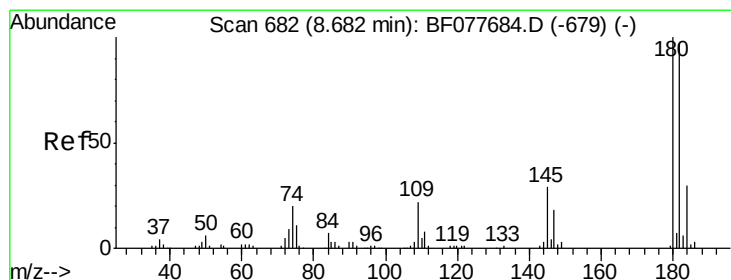
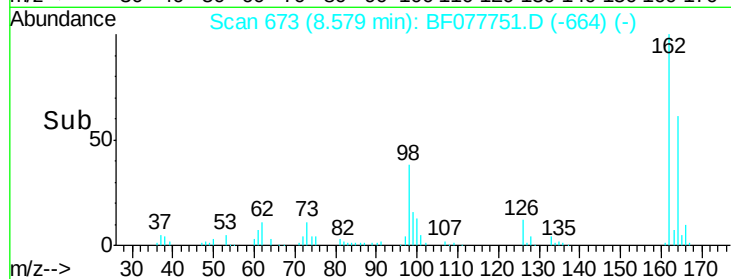
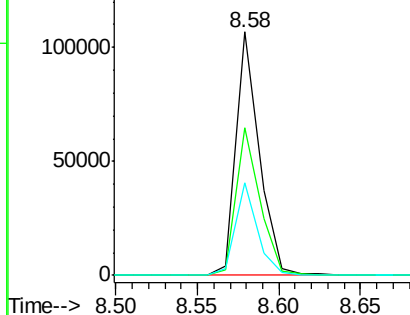
#29
 2,4-Dichlorophenol
 Concen: 34.83 ng
 RT: 8.58 min Scan# 673
 Delta R.T. 0.00 min
 Lab File: BF077751.D
 Acq: 16 Mar 2015 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB82101BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	60.7	42.8	82.8
98	37.9	14.5	54.5

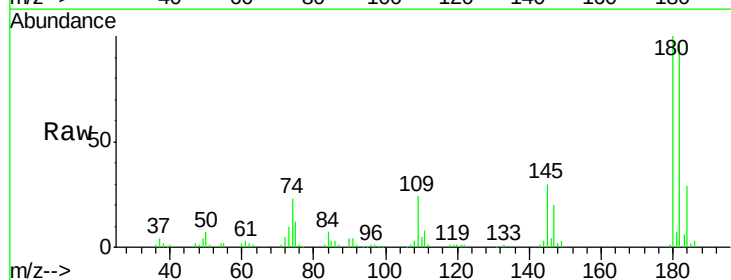


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

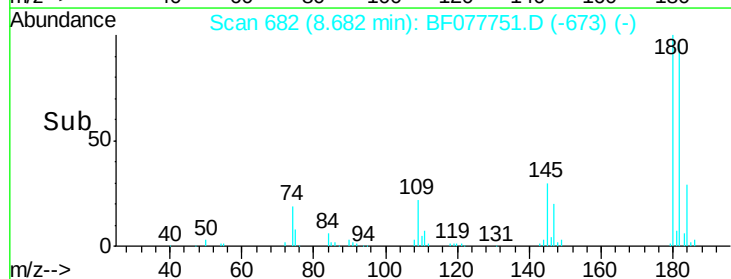
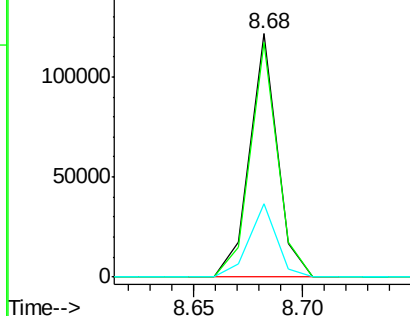


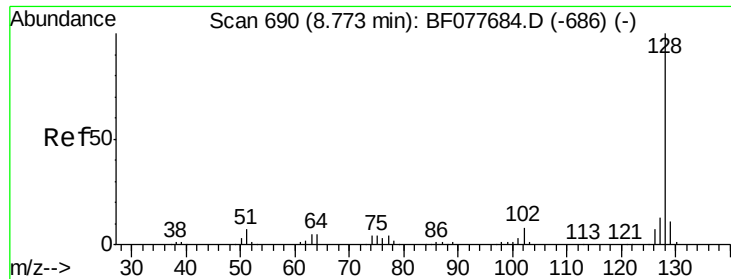
#30
 1,2,4-Trichlorobenzene
 Concen: 31.81 ng
 RT: 8.68 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF077751.D
 Acq: 16 Mar 2015 14:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	77.6	116.4
145	30.3	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

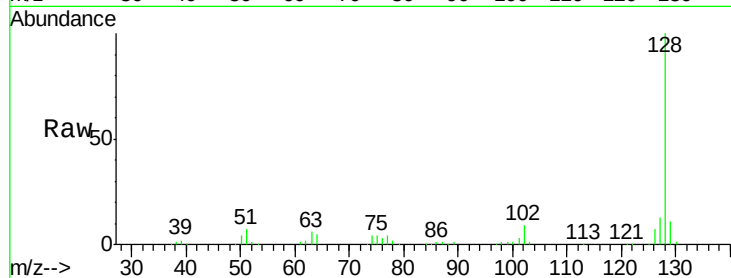




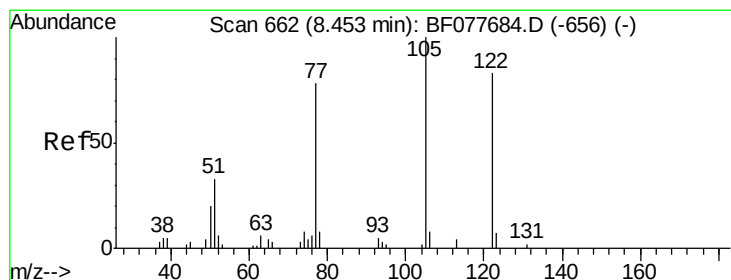
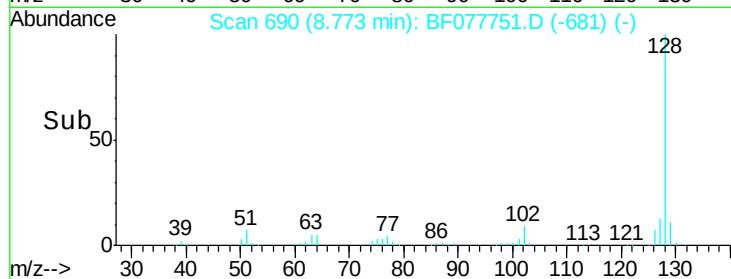
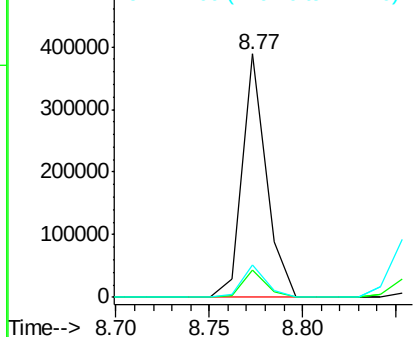
#31
Naphthalene
Concen: 31.52 ng
RT: 8.77 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF077751.D
Acq: 16 Mar 2015 14:04

Instrument :
BNA_F
ClientSampleId :
PB82101BS

Tgt Ion:128 Resp: 348727
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.2 10.4 15.6

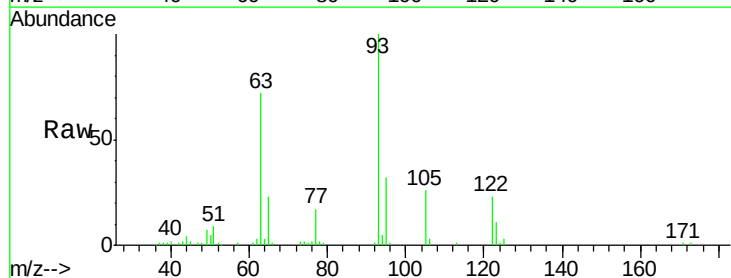


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

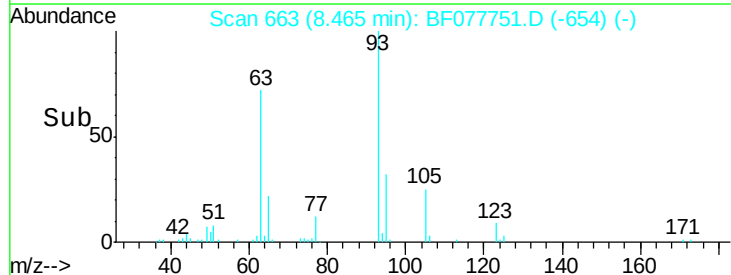
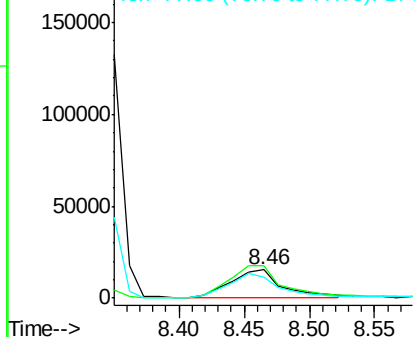


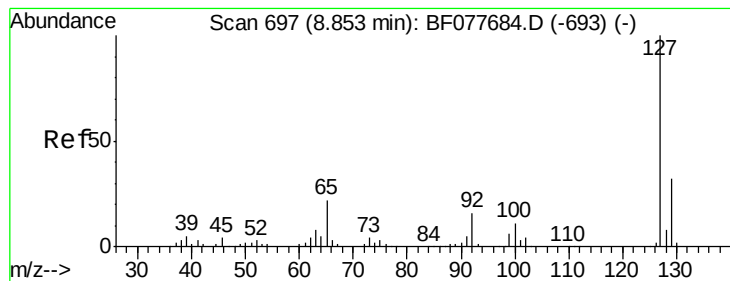
#32
Benzoic acid
Concen: 26.37 ng
RT: 8.46 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF077751.D
Acq: 16 Mar 2015 14:04

Tgt Ion:122 Resp: 43813
Ion Ratio Lower Upper
122 100
105 112.9 99.9 139.9
77 75.8 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

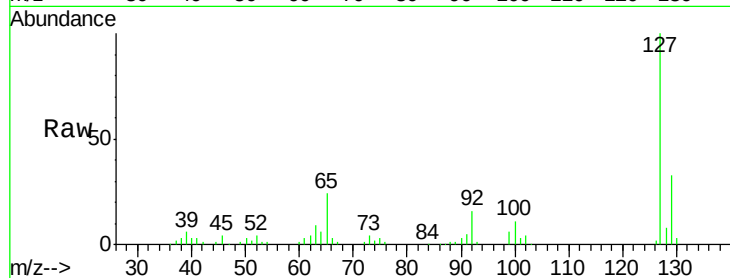




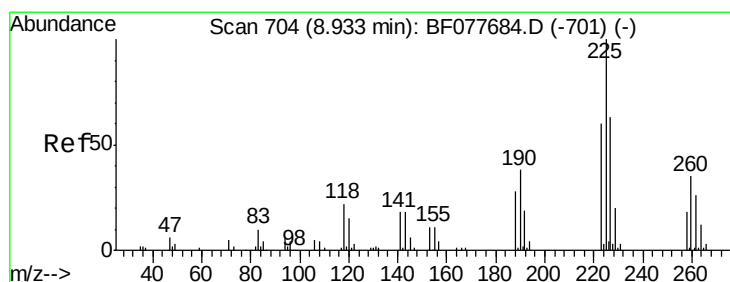
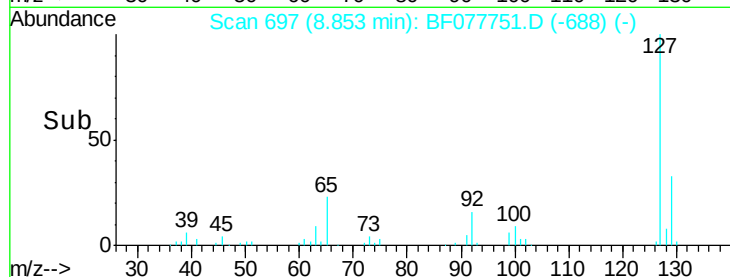
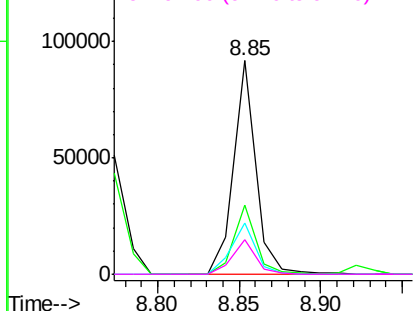
#33
4-Chloroaniline
Concen: 19.20 ng
RT: 8.85 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF077751.D
Acq: 16 Mar 2015 14:04

Instrument :
BNA_F
ClientSampleId :
PB82101BS

Tgt Ion:	127	Resp:	86188
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.3	37.9
65	23.7	17.6	26.4
92	16.3	13.1	19.7

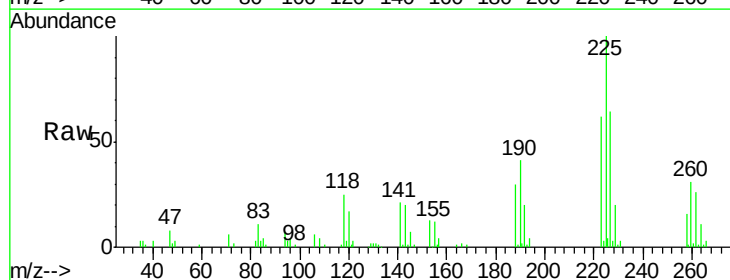


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

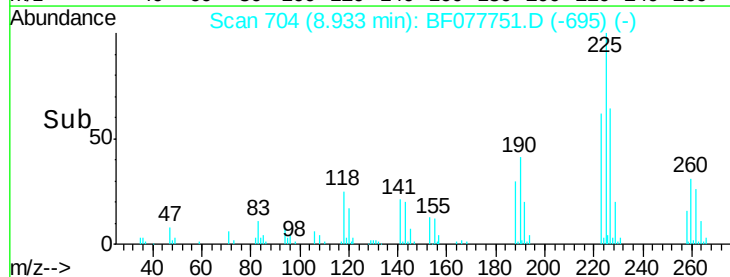
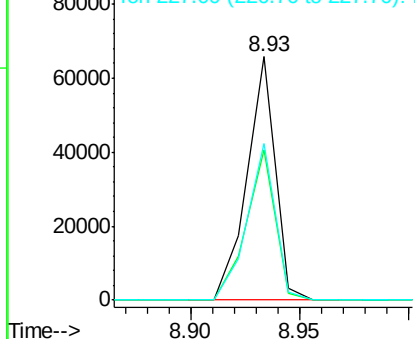


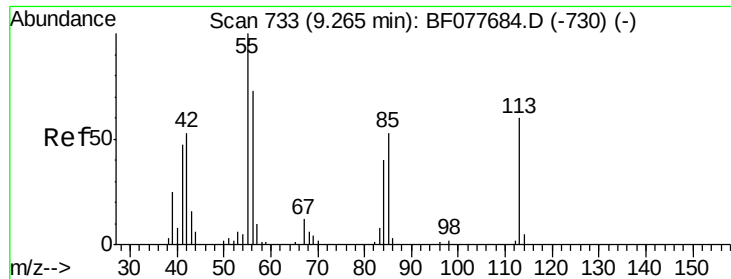
#34
Hexachlorobutadiene
Concen: 31.01 ng
RT: 8.93 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF077751.D
Acq: 16 Mar 2015 14:04

Tgt Ion:	225	Resp:	59179
Ion	Ratio	Lower	Upper
225	100		
223	61.9	47.9	71.9
227	64.4	50.1	75.1



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

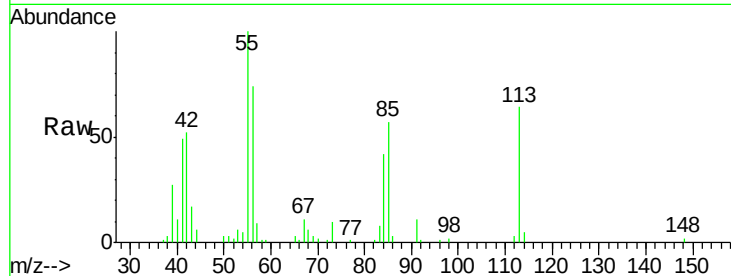




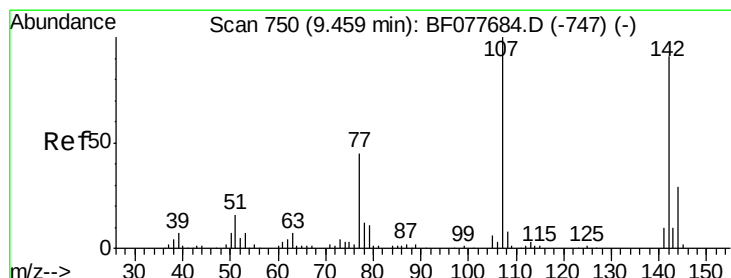
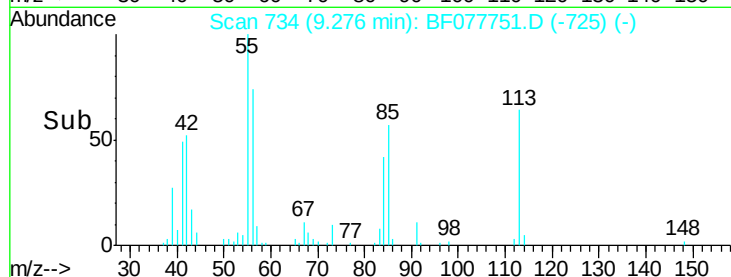
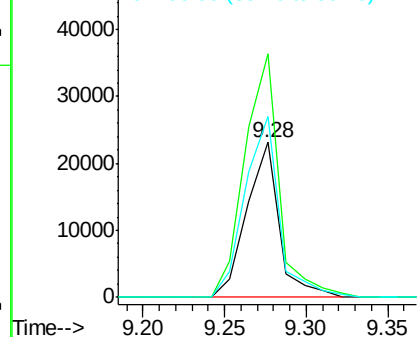
#35
 Caprolactam
 Concen: 36.31 ng
 RT: 9.28 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: BF077751.D
 Acq: 16 Mar 2015 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB82101BS

Tgt Ion:113 Resp: 31938
 Ion Ratio Lower Upper
 113 100
 55 157.4 145.9 185.9
 56 116.7 101.0 141.0

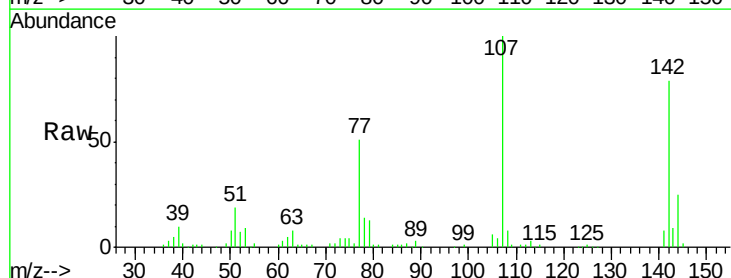


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

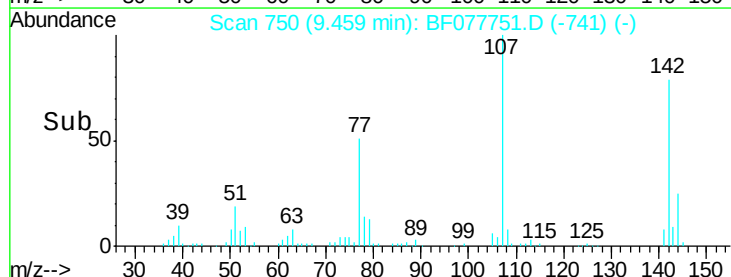
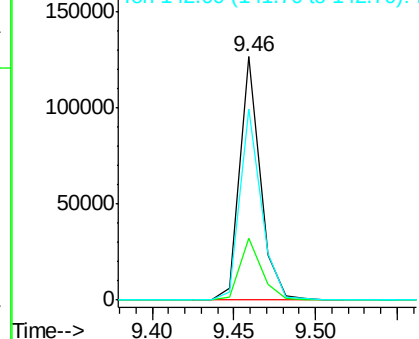


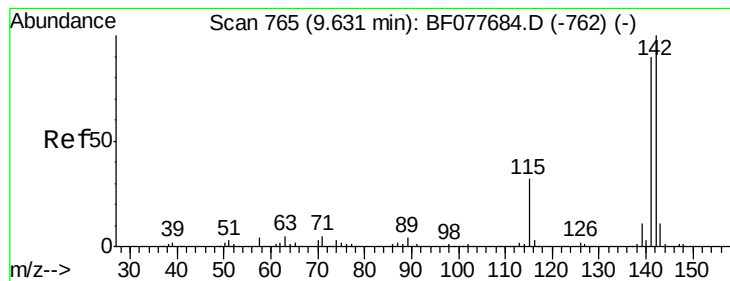
#36
 4-Chloro-3-methylphenol
 Concen: 36.26 ng
 RT: 9.46 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF077751.D
 Acq: 16 Mar 2015 14:04

Tgt Ion:107 Resp: 109815
 Ion Ratio Lower Upper
 107 100
 144 25.4 23.3 34.9
 142 78.6 72.6 109.0



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





#37

2-Methylnaphthalene

Concen: 33.97 ng

RT: 9.63 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF077751.D

Acq: 16 Mar 2015 14:04

Instrument :

BNA_F

ClientSampleId :

PB82101BS

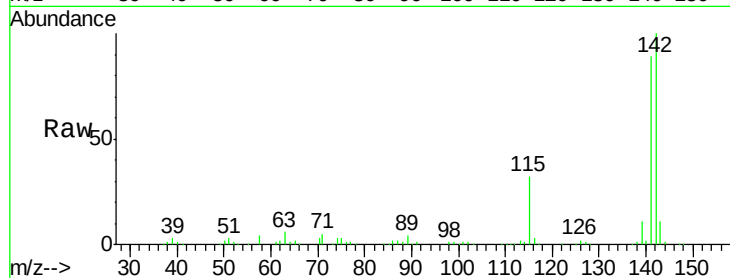
Tgt Ion:142 Resp: 252470

Ion Ratio Lower Upper

142 100

141 88.5 71.9 107.9

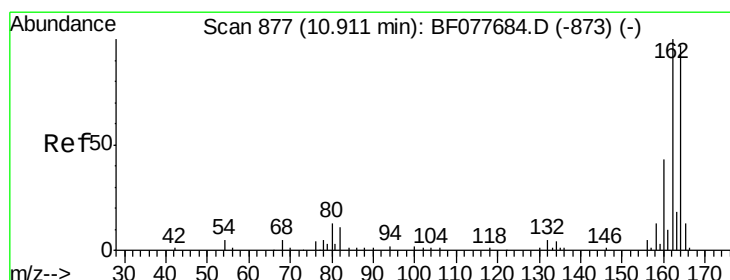
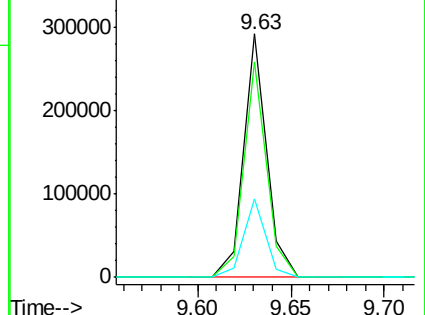
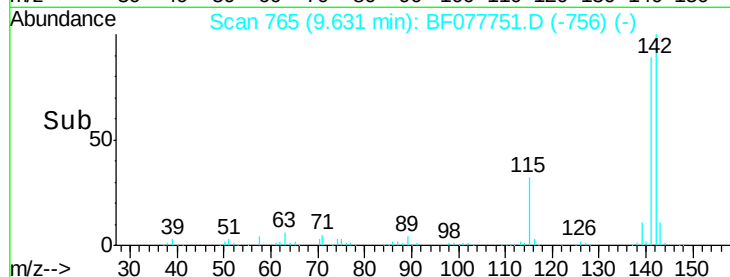
115 32.3 25.4 38.0



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: BF077751.D

Acq: 16 Mar 2015 14:04

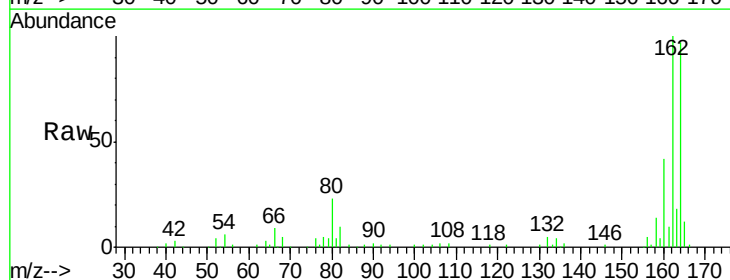
Tgt Ion:164 Resp: 111200

Ion Ratio Lower Upper

164 100

162 103.4 82.4 123.6

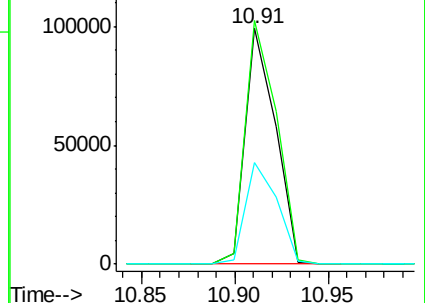
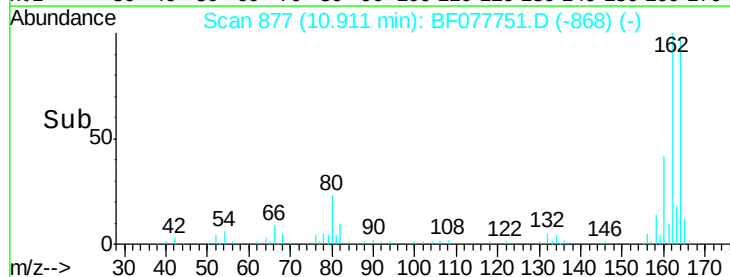
160 43.1 35.8 53.6

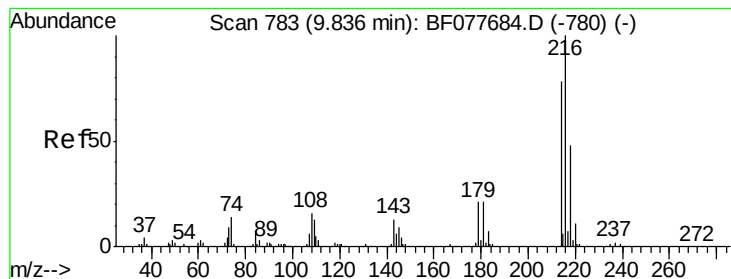


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.95 ng

RT: 9.84 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF077751.D

Acq: 16 Mar 2015 14:04

Instrument :

BNA_F

ClientSampleId :

PB82101BS

Tgt Ion:216 Resp: 105952

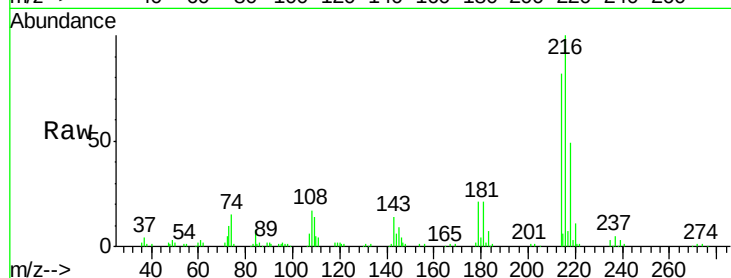
Ion Ratio Lower Upper

216 100

214 80.3 0.0 0.0#

179 21.3 0.0 0.0#

108 20.7 0.0 0.0#

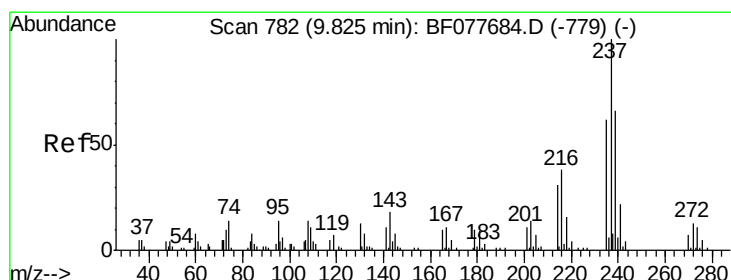
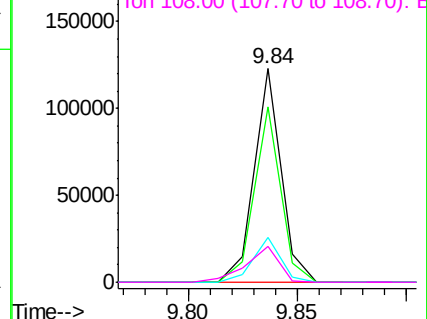
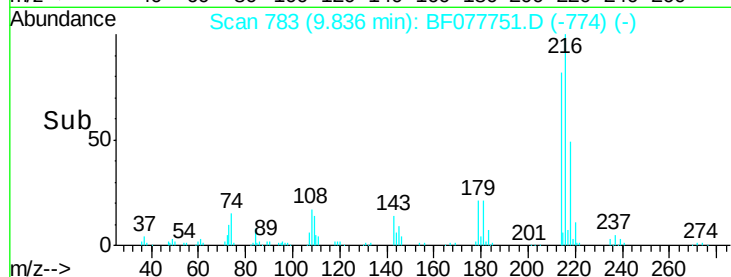


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 61.16 ng

RT: 9.82 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF077751.D

Acq: 16 Mar 2015 14:04

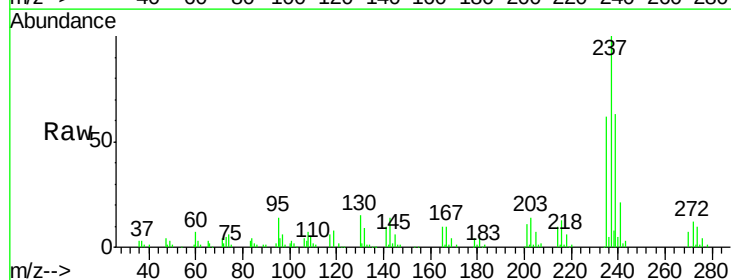
Tgt Ion:237 Resp: 100260

Ion Ratio Lower Upper

237 100

235 61.8 42.0 82.0

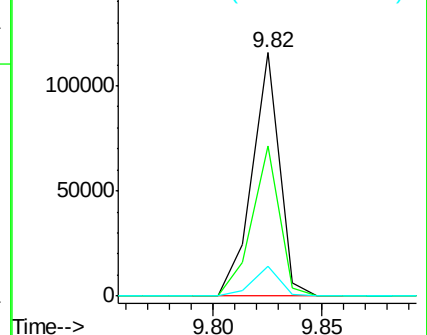
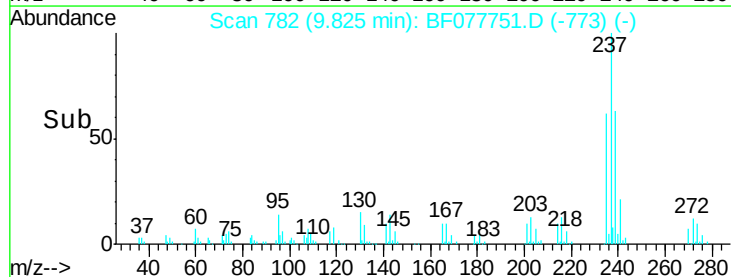
272 12.4 0.0 33.4

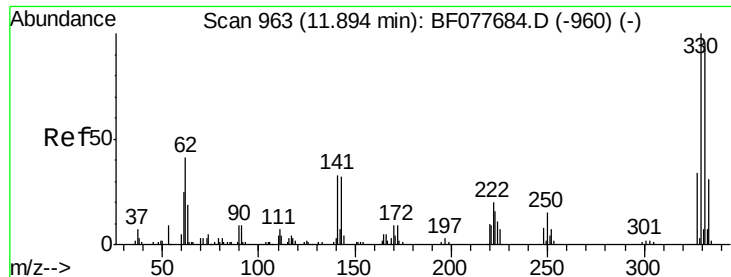


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

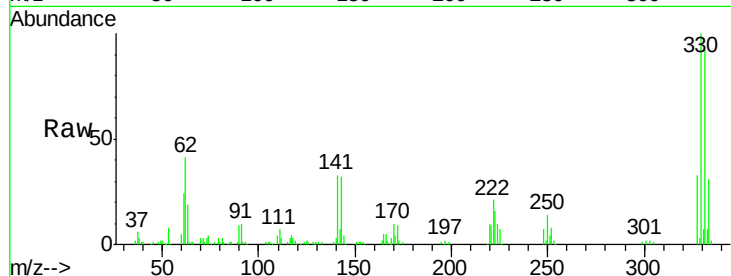




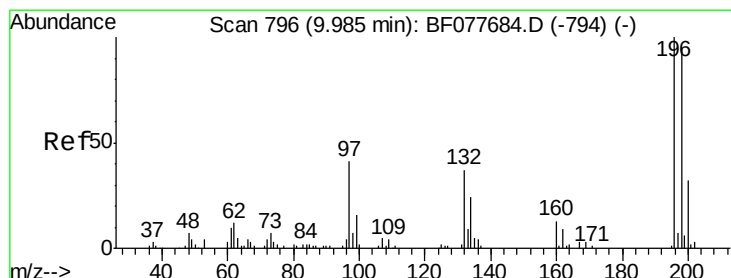
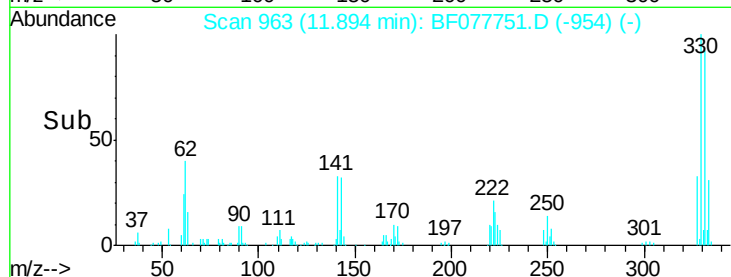
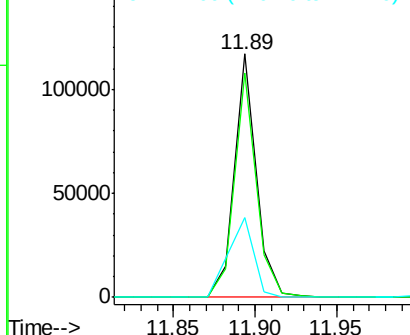
#41
 2,4,6-Tribromophenol
 Concen: 102.13 ng
 RT: 11.89 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF077751.D
 Acq: 16 Mar 2015 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB82101BS

Tgt Ion:330 Resp: 108658
 Ion Ratio Lower Upper
 330 100
 332 91.9 0.0 0.0#
 141 38.1 0.0 0.0#

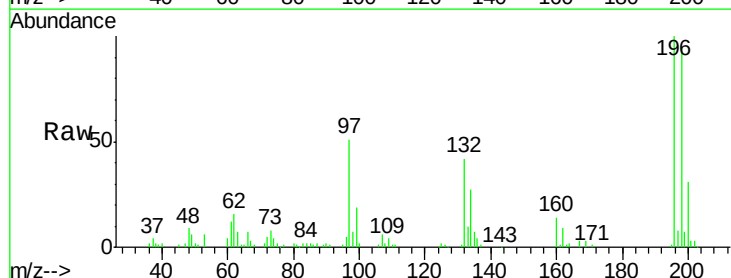


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

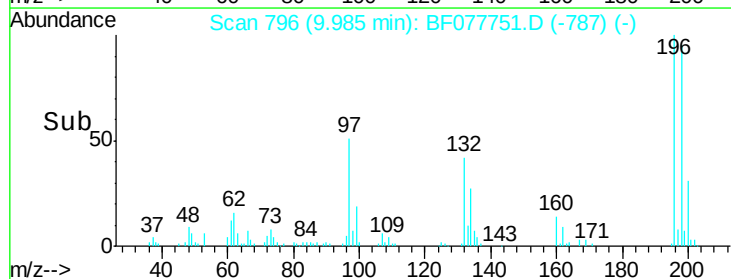
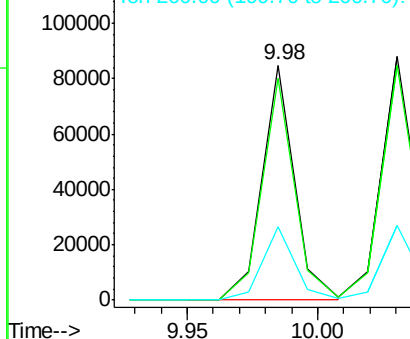


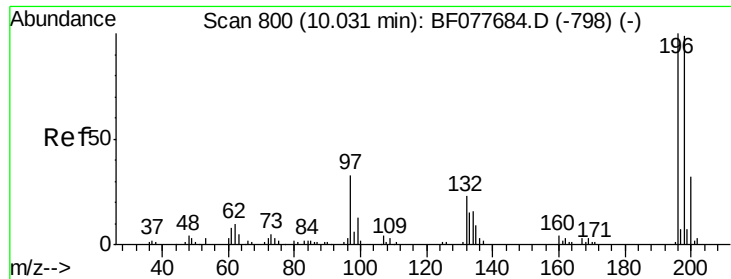
#42
 2,4,6-Trichlorophenol
 Concen: 31.97 ng
 RT: 9.98 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF077751.D
 Acq: 16 Mar 2015 14:04

Tgt Ion:196 Resp: 73455
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.3 114.5
 200 31.2 25.6 38.4



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

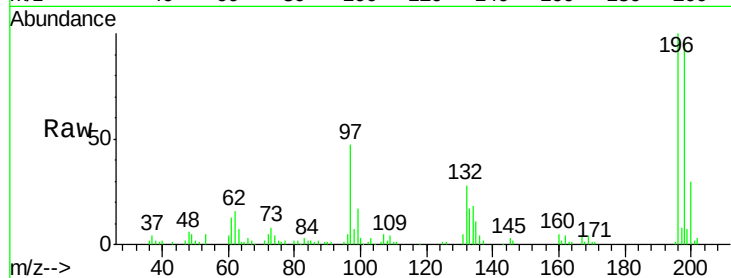




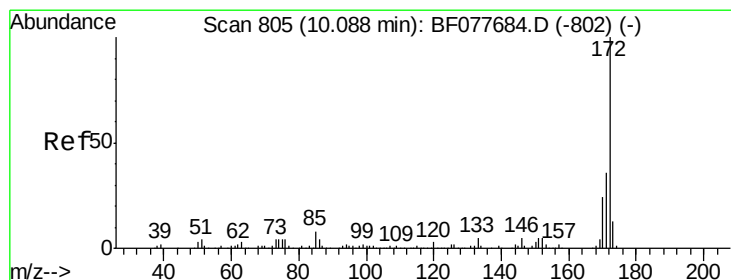
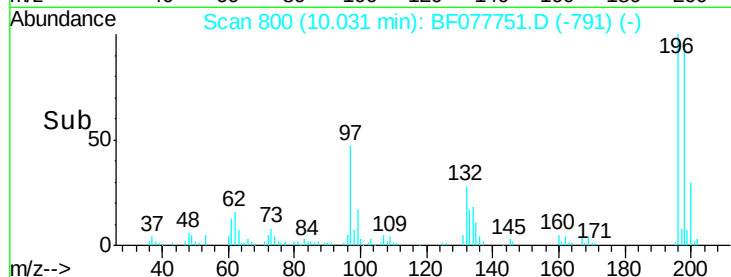
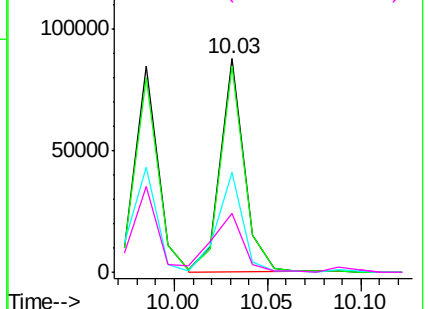
#43
 2,4,5-Trichlorophenol
 Concen: 31.72 ng
 RT: 10.03 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF077751.D
 Acq: 16 Mar 2015 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB82101BS

Tgt Ion:196 Resp: 78723
 Ion Ratio Lower Upper
 196 100
 198 96.3 79.4 119.0
 97 46.9 26.8 40.2#
 132 27.8 18.6 28.0

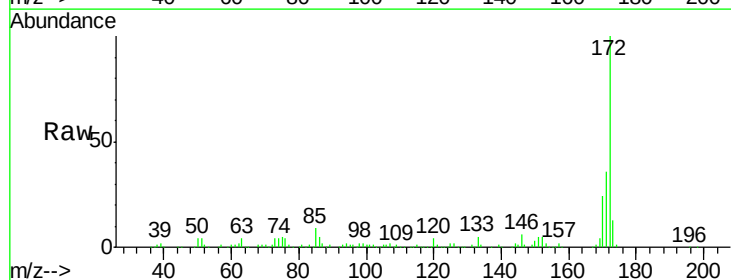


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

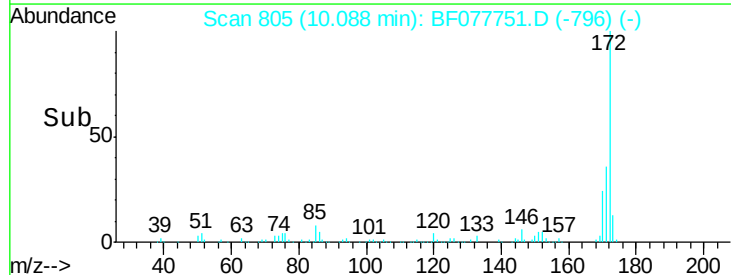
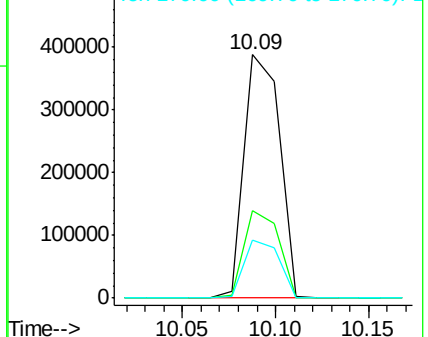


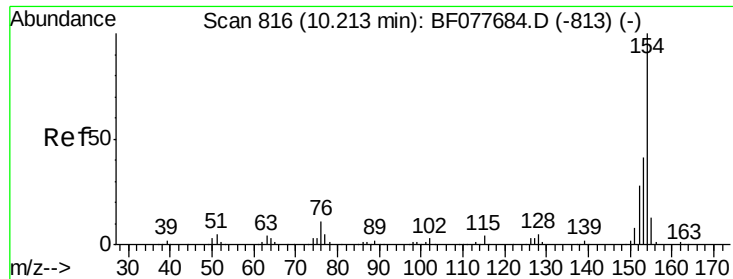
#44
 2-Fluorobiphenyl
 Concen: 67.80 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077751.D
 Acq: 16 Mar 2015 14:04

Tgt Ion:172 Resp: 513021
 Ion Ratio Lower Upper
 172 100
 171 36.2 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

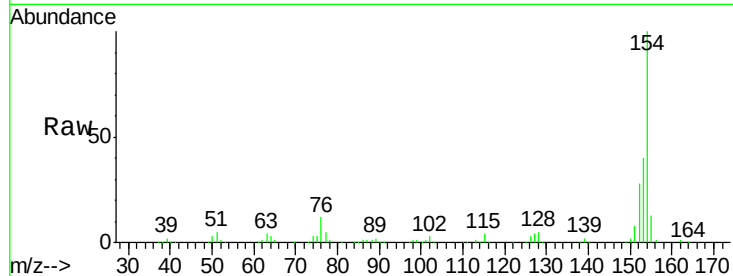




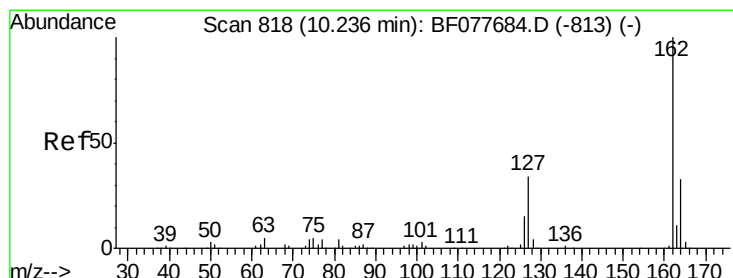
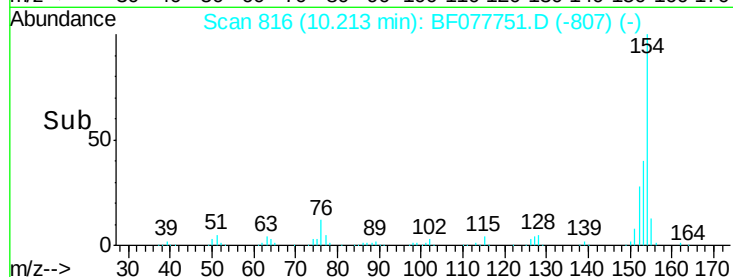
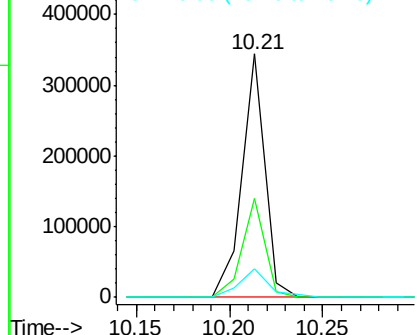
#45
 1,1'-Biphenyl
 Concen: 33.30 ng
 RT: 10.21 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF077751.D
 Acq: 16 Mar 2015 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB82101BS

Tgt Ion:154 Resp: 295994
 Ion Ratio Lower Upper
 154 100
 153 40.5 20.7 60.7
 76 11.7 0.0 30.9

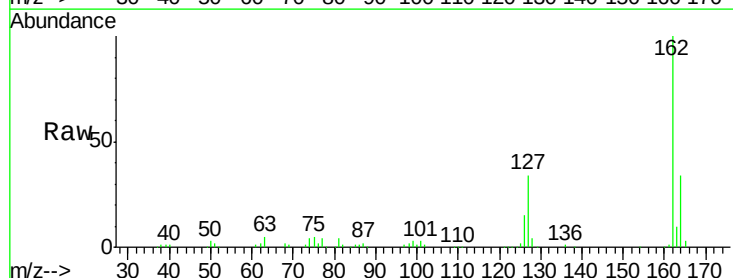


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

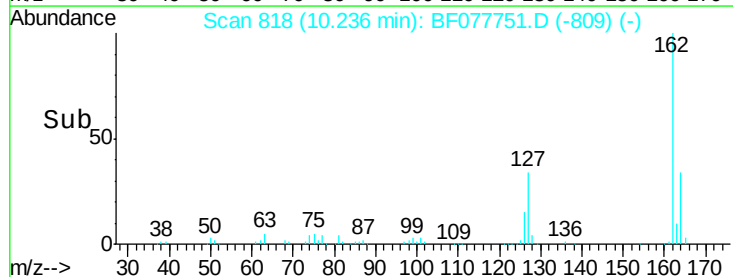
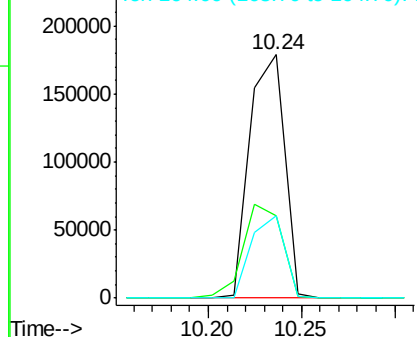


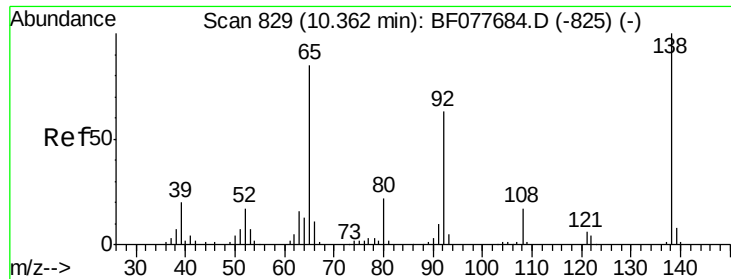
#46
 2-Chloronaphthalene
 Concen: 32.18 ng
 RT: 10.24 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF077751.D
 Acq: 16 Mar 2015 14:04

Tgt Ion:162 Resp: 232455
 Ion Ratio Lower Upper
 162 100
 127 33.9 26.9 40.3
 164 33.9 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

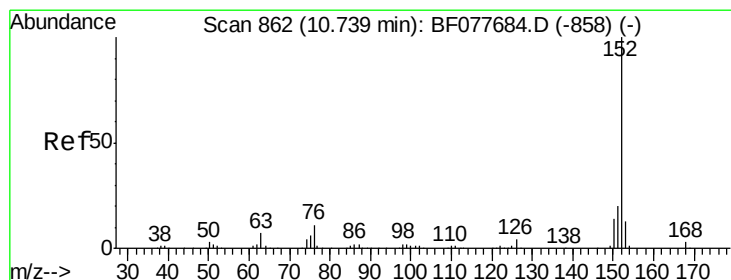
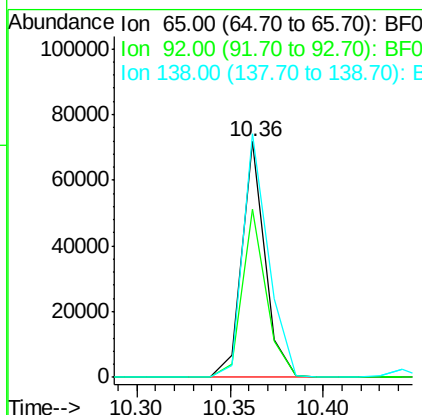
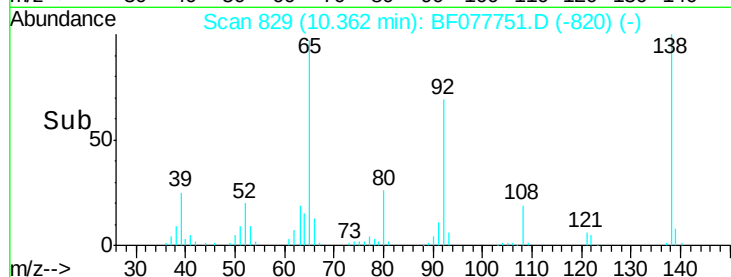
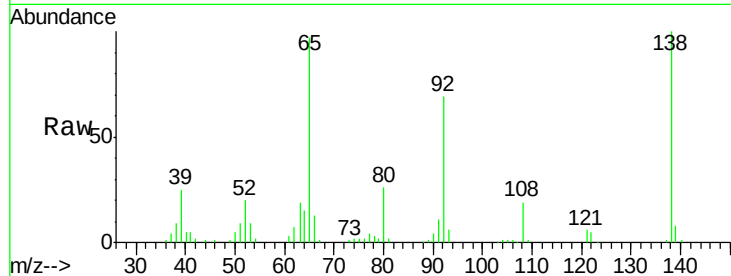




#47
2-Nitroaniline
Concen: 34.56 ng
RT: 10.36 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF077751.D
Acq: 16 Mar 2015 14:04

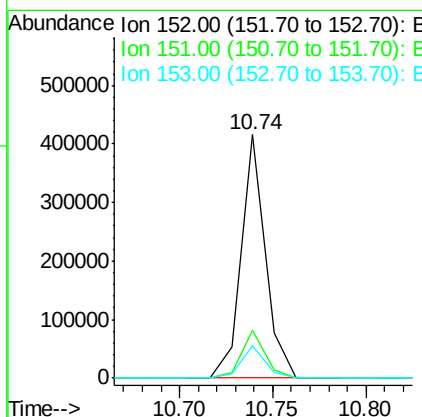
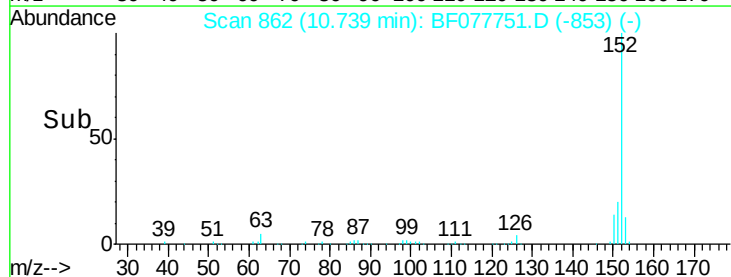
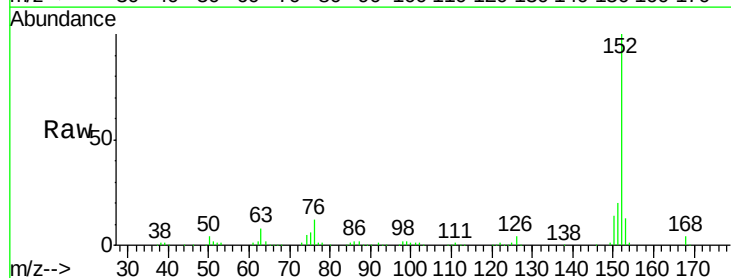
Instrument :
BNA_F
ClientSampleId :
PB82101BS

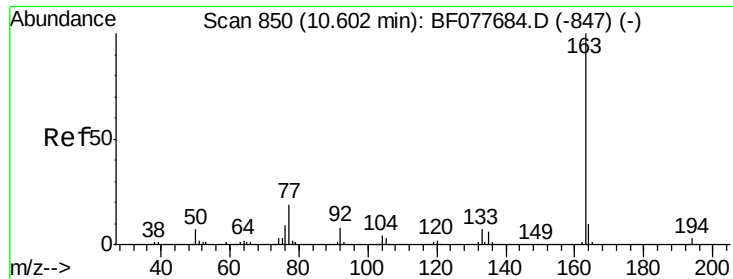
Tgt Ion: 65 Resp: 61999
Ion Ratio Lower Upper
65 100
92 71.1 59.1 88.7
138 103.3 93.9 140.9



#48
Acenaphthylene
Concen: 31.22 ng
RT: 10.74 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF077751.D
Acq: 16 Mar 2015 14:04

Tgt Ion: 152 Resp: 375065
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.1 10.6 16.0





#49

Dimethylphthalate

Concen: 34.36 ng

RT: 10.60 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF077751.D

Acq: 16 Mar 2015 14:04

Instrument :

BNA_F

ClientSampleId :

PB82101BS

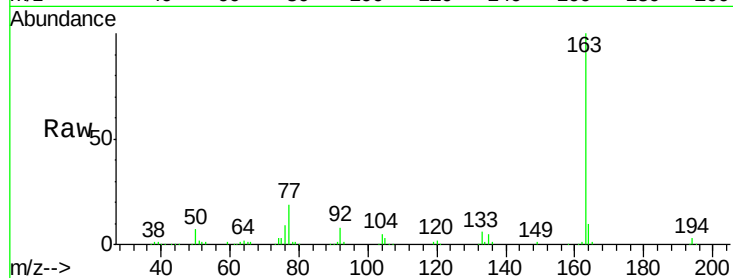
Tgt Ion:163 Resp: 283350

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

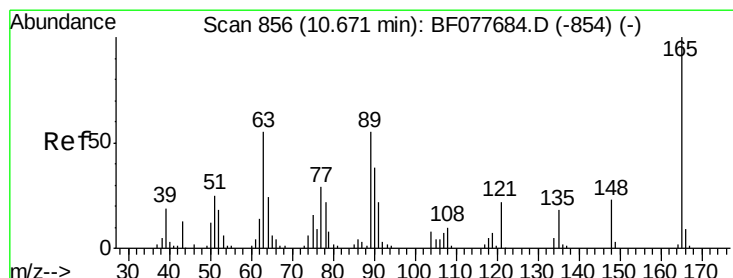
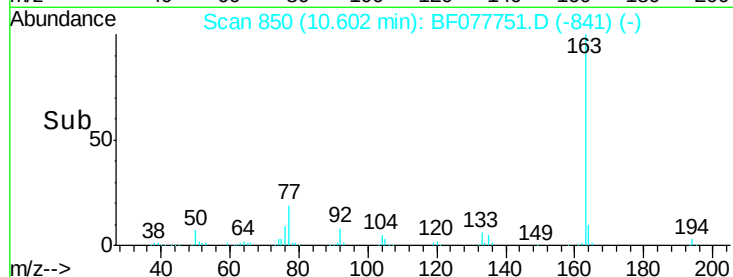
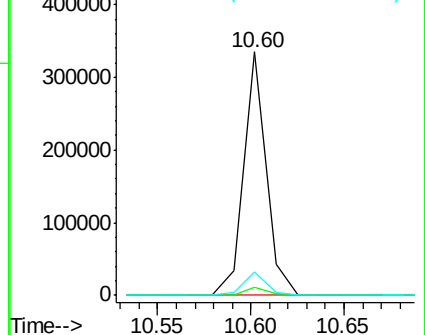
164 9.8 8.2 12.2



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: 34.00 ng

RT: 10.67 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF077751.D

Acq: 16 Mar 2015 14:04

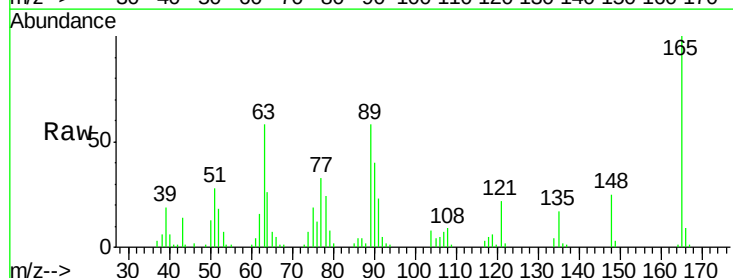
Tgt Ion:165 Resp: 58134

Ion Ratio Lower Upper

165 100

63 58.4 44.1 66.1

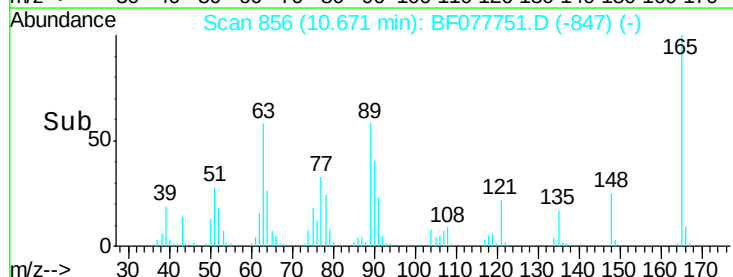
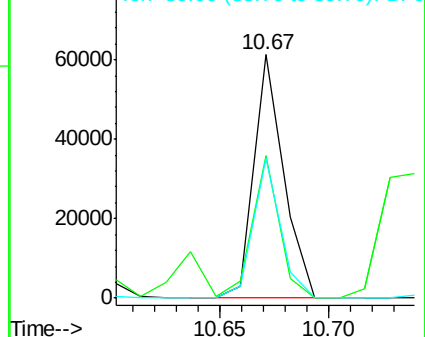
89 57.5 44.3 66.5

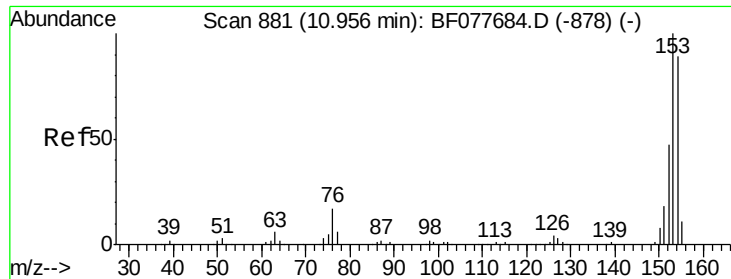


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 31.79 ng

RT: 10.96 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF077751.D

Acq: 16 Mar 2015 14:04

Instrument :

BNA_F

ClientSampleId :

PB82101BS

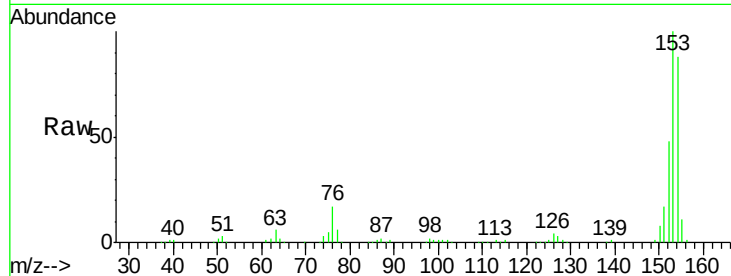
Tgt Ion:154 Resp: 218946

Ion Ratio Lower Upper

154 100

153 113.1 90.0 135.0

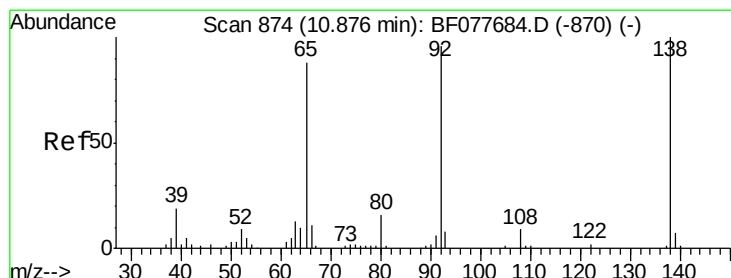
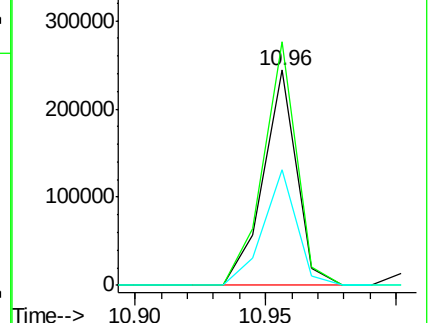
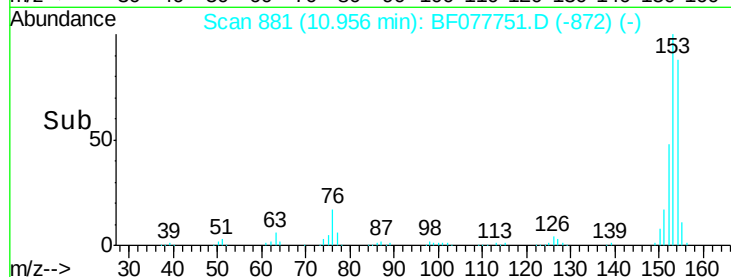
152 53.9 42.6 63.8



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: 25.69 ng

RT: 10.88 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF077751.D

Acq: 16 Mar 2015 14:04

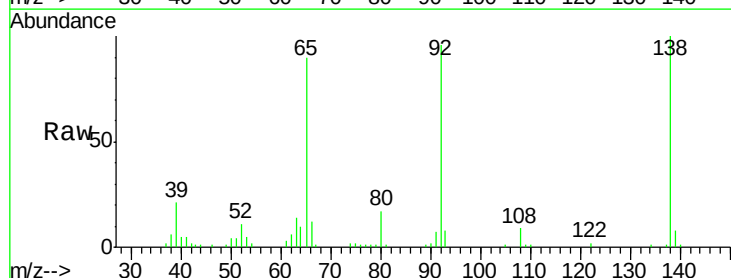
Tgt Ion:138 Resp: 50999

Ion Ratio Lower Upper

138 100

108 9.3 7.3 10.9

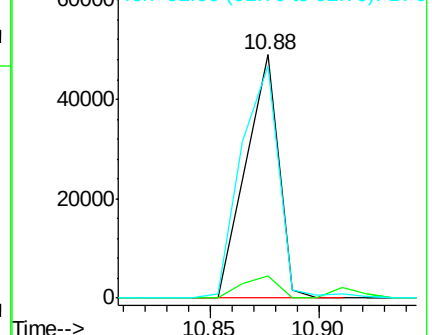
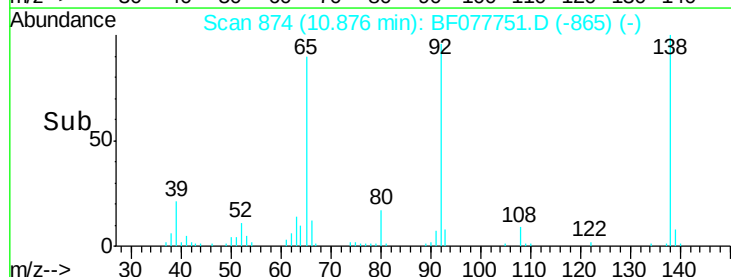
92 95.6 76.6 114.8

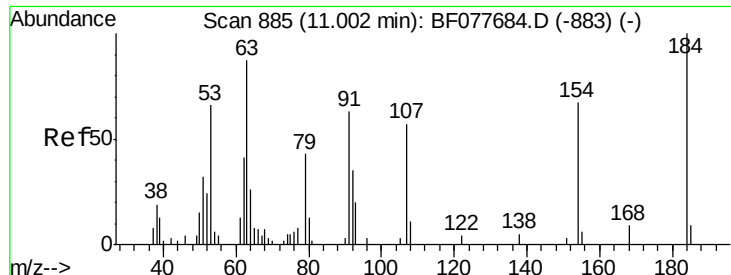


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

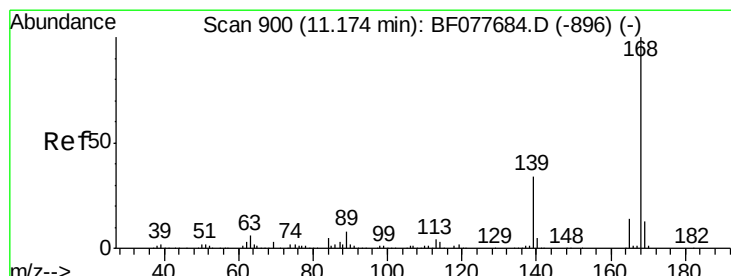
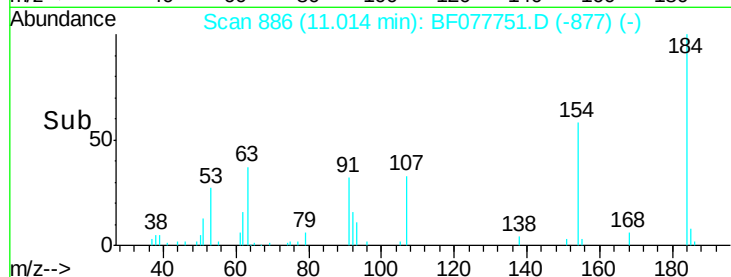
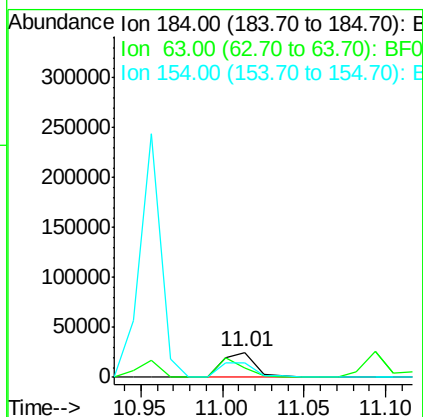
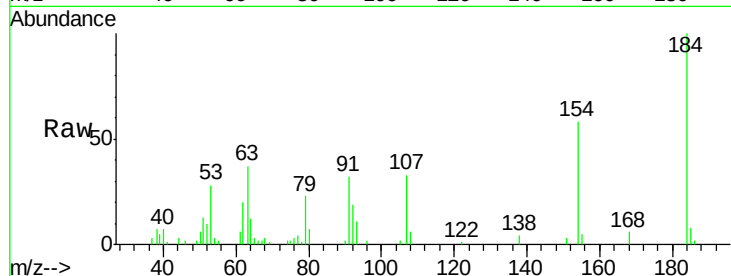




#53
 2,4-Dinitrophenol
 Concen: 57.56 ng
 RT: 11.01 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: BF077751.D
 Acq: 16 Mar 2015 14:04

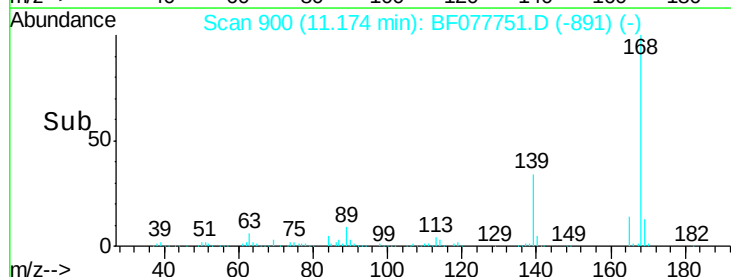
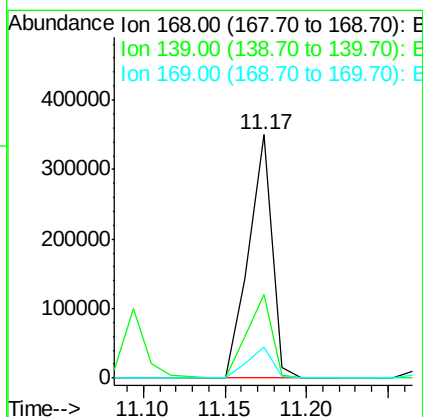
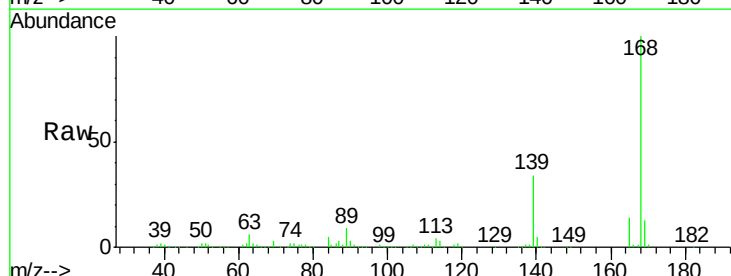
Instrument :
 BNA_F
 ClientSampleId :
 PB82101BS

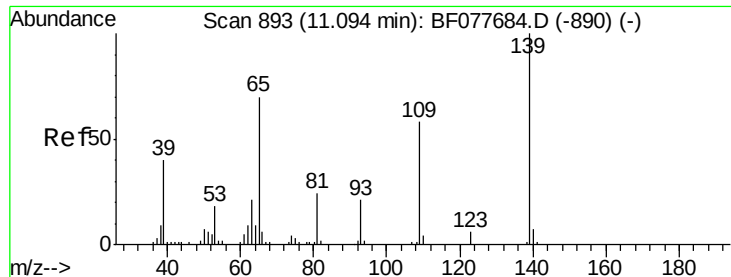
Tgt Ion:184 Resp: 34575
 Ion Ratio Lower Upper
 184 100
 63 37.4 69.2 103.8#
 154 57.7 53.3 79.9



#54
 Dibenzofuran
 Concen: 34.15 ng
 RT: 11.17 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF077751.D
 Acq: 16 Mar 2015 14:04

Tgt Ion:168 Resp: 348853
 Ion Ratio Lower Upper
 168 100
 139 34.2 27.3 40.9
 169 13.0 10.6 16.0

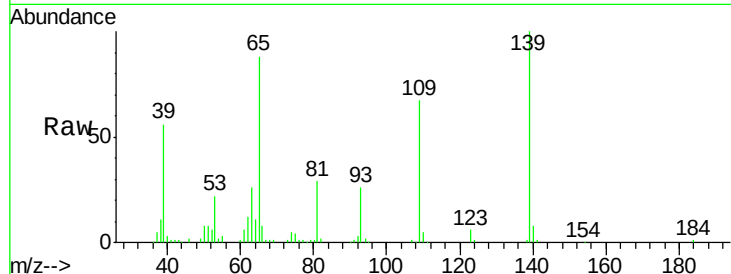




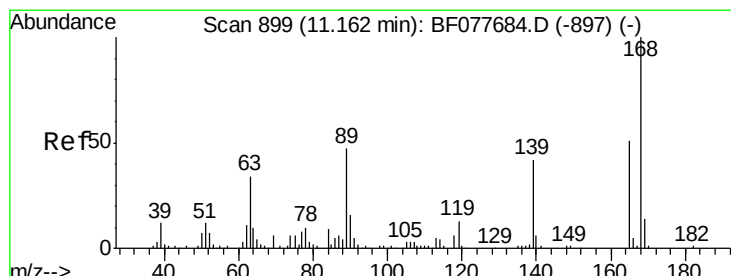
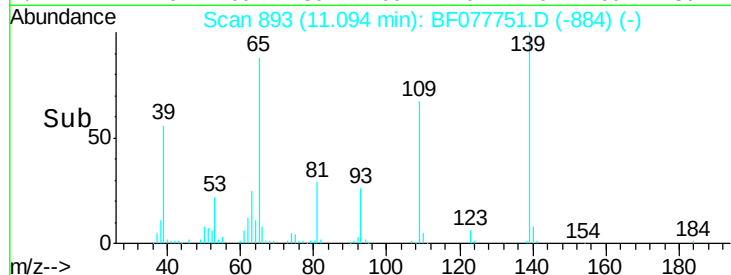
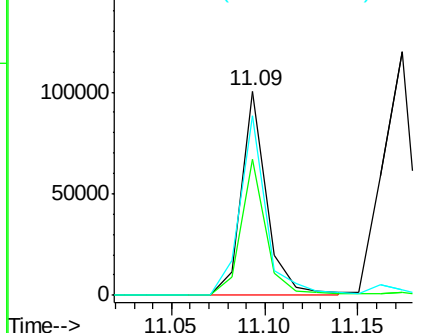
#55
4-Nitrophenol
Concen: 65.04 ng
RT: 11.09 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF077751.D
Acq: 16 Mar 2015 14:04

Instrument :
BNA_F
ClientSampleId :
PB82101BS

Tgt Ion:139 Resp: 95661
Ion Ratio Lower Upper
139 100
109 66.7 37.7 77.7
65 88.1 49.9 89.9

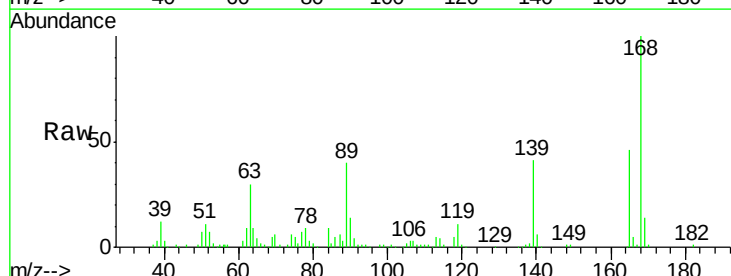


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

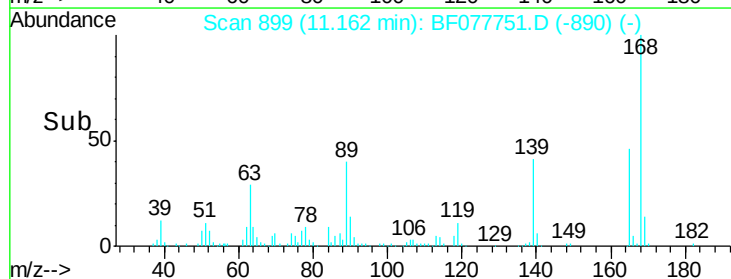
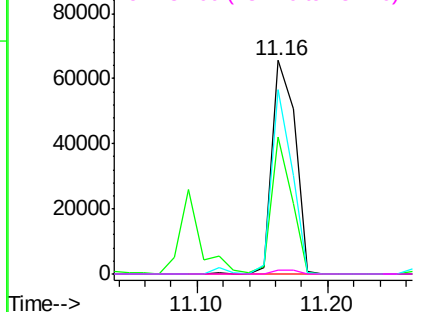


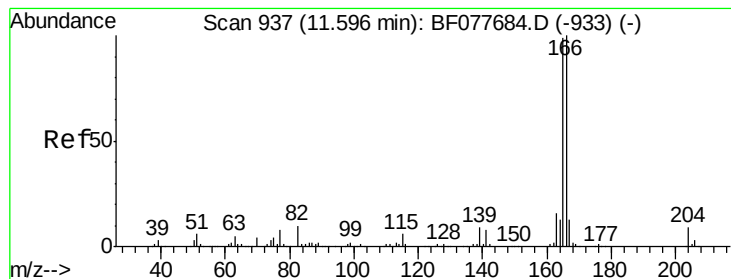
#56
2,4-Dinitrotoluene
Concen: 36.66 ng
RT: 11.16 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF077751.D
Acq: 16 Mar 2015 14:04

Tgt Ion:165 Resp: 81719
Ion Ratio Lower Upper
165 100
63 64.4 52.4 78.6
89 86.1 72.4 108.6
182 1.8 2.0 3.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 32.93 ng

RT: 11.60 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF077751.D

Acq: 16 Mar 2015 14:04

Instrument :

BNA_F

ClientSampleId :

PB82101BS

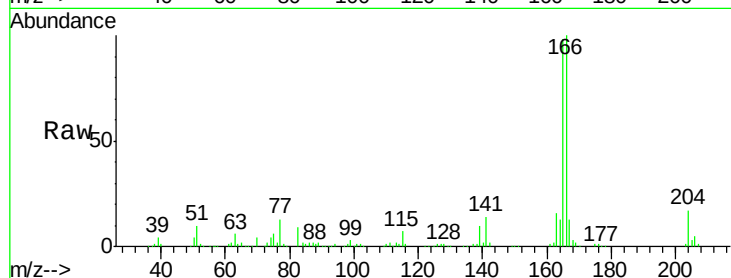
Tgt Ion:166 Resp: 279346

Ion Ratio Lower Upper

166 100

165 97.9 79.0 118.4

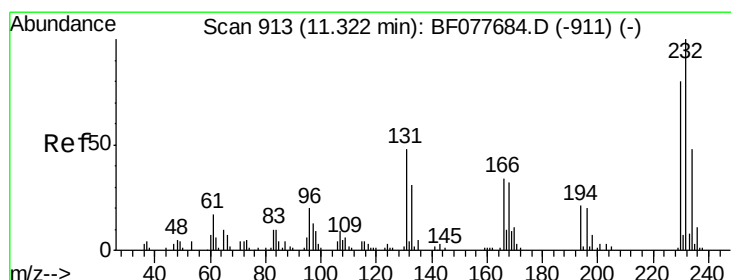
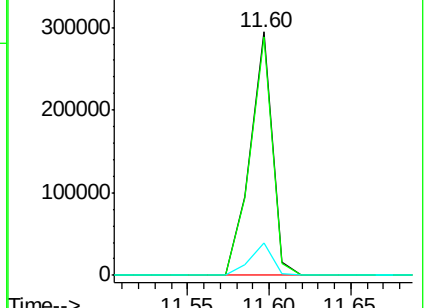
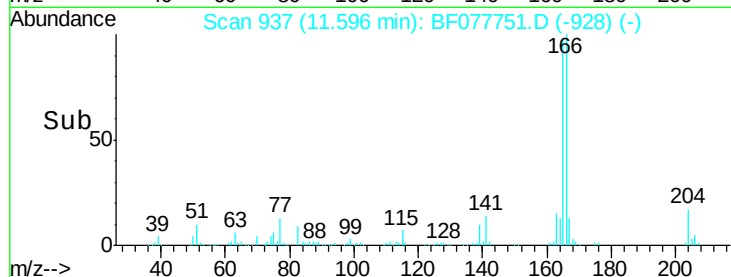
167 13.1 10.3 15.5



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: 32.67 ng

RT: 11.32 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF077751.D

Acq: 16 Mar 2015 14:04

Tgt Ion:232 Resp: 62440

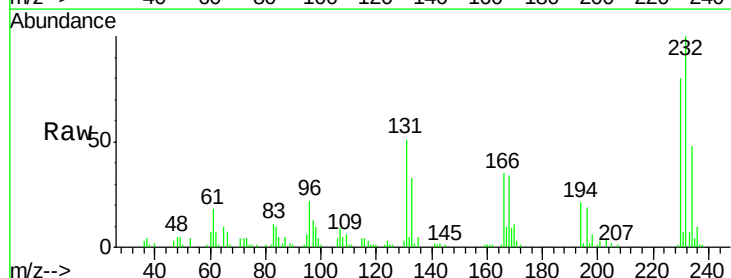
Ion Ratio Lower Upper

232 100

131 46.9 0.0 0.0#

130 2.1 0.0 0.0#

166 33.2 0.0 0.0#

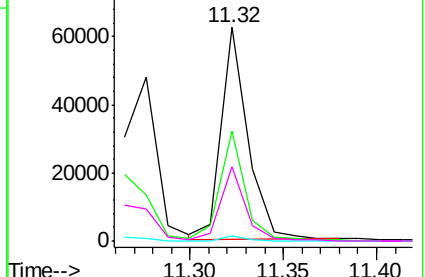
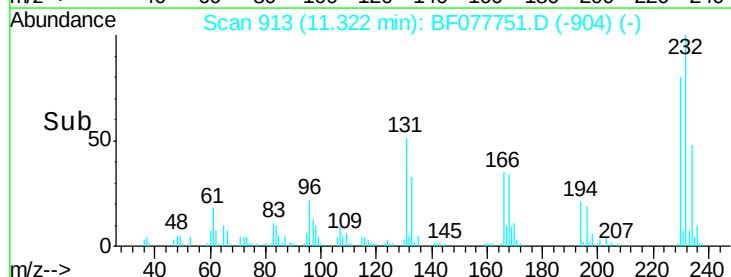


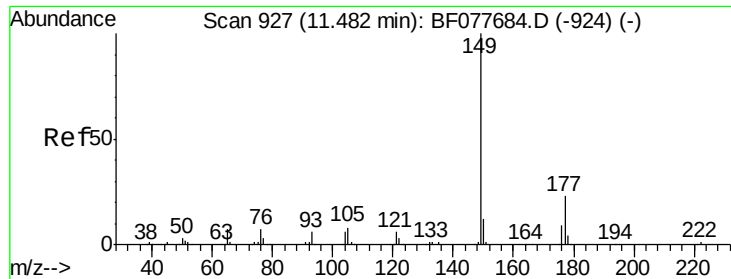
Abundance Ion 232.00 (231.70 to 232.70): E

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

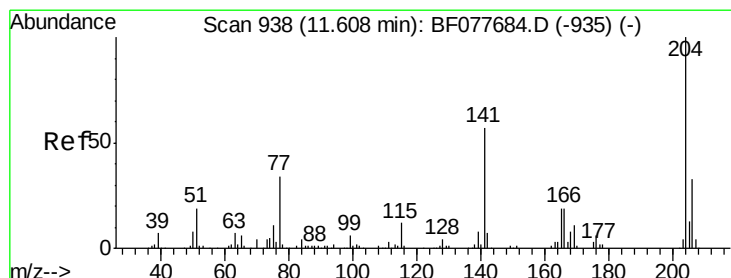
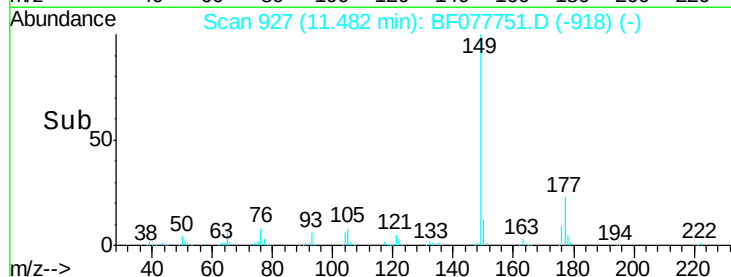
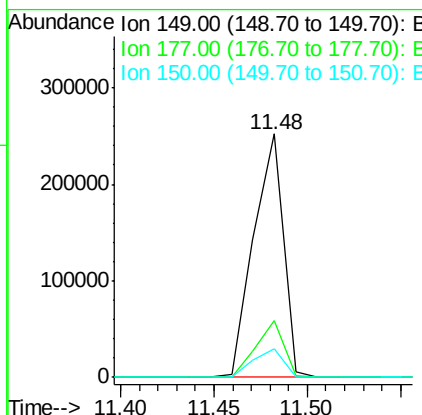
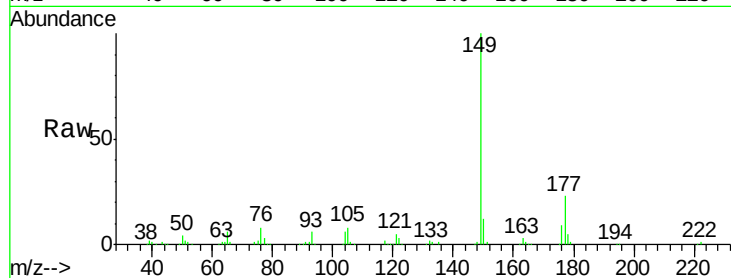




#59
Diethylphthalate
Concen: 34.41 ng
RT: 11.48 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF077751.D
Acq: 16 Mar 2015 14:04

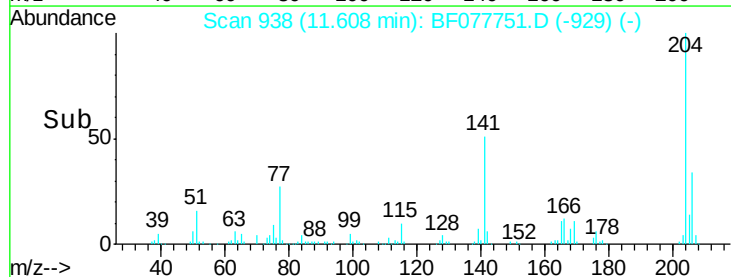
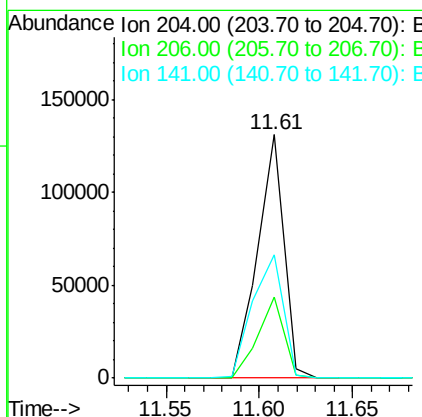
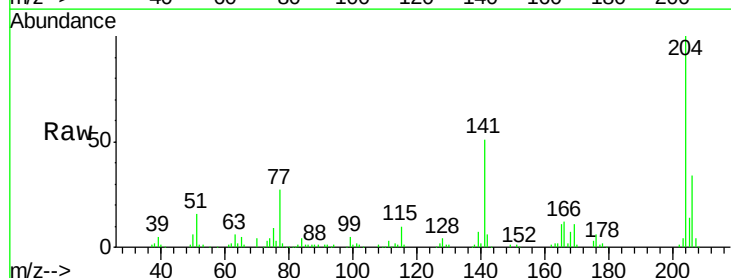
Instrument :
BNA_F
ClientSampleId :
PB82101BS

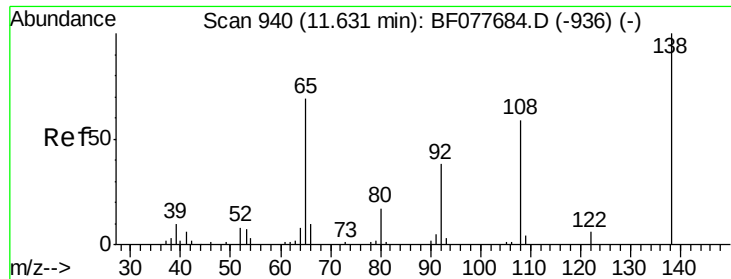
Tgt Ion:149 Resp: 276551
Ion Ratio Lower Upper
149 100
177 23.3 18.3 27.5
150 11.9 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 33.01 ng
RT: 11.61 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF077751.D
Acq: 16 Mar 2015 14:04

Tgt Ion:204 Resp: 127794
Ion Ratio Lower Upper
204 100
206 33.5 26.6 39.8
141 50.9 45.2 67.8

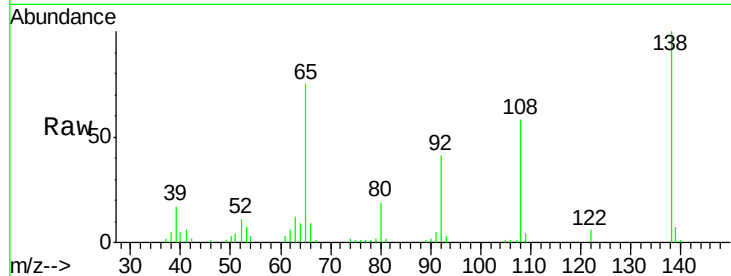




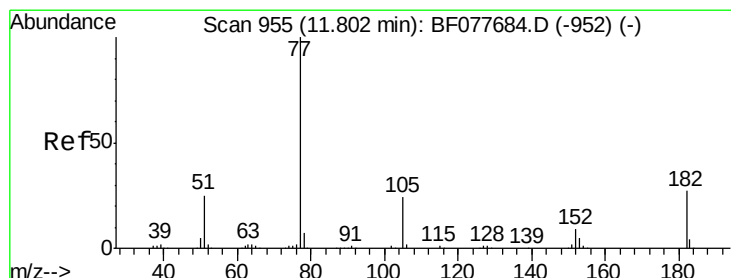
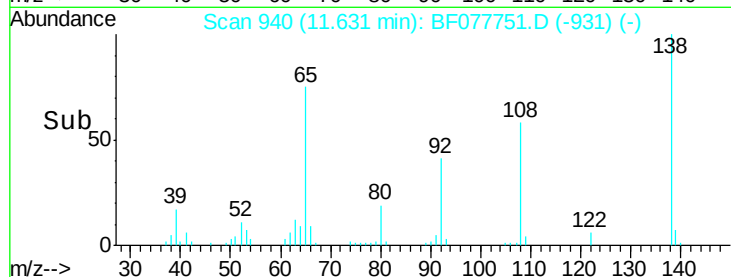
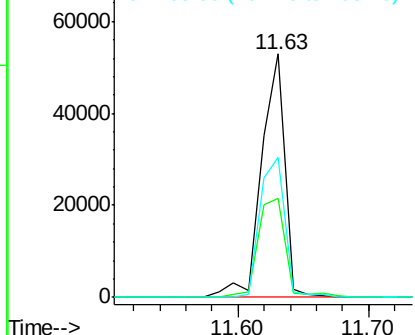
#61
4-Nitroaniline
Concen: 33.54 ng
RT: 11.63 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF077751.D
Acq: 16 Mar 2015 14:04

Instrument :
BNA_F
ClientSampleId :
PB82101BS

Tgt Ion: 138 Resp: 66372
Ion Ratio Lower Upper
138 100
92 40.5 16.7 56.7
108 57.6 37.6 77.6

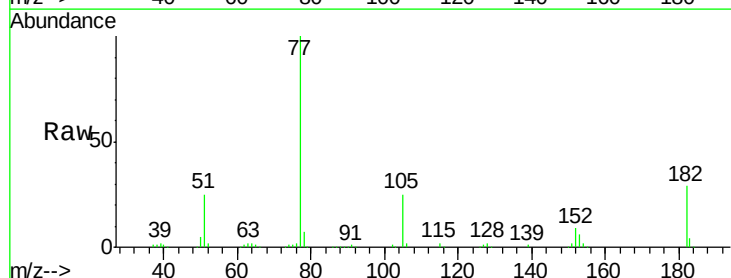


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

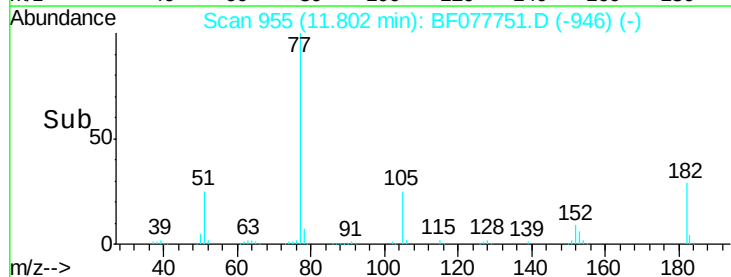
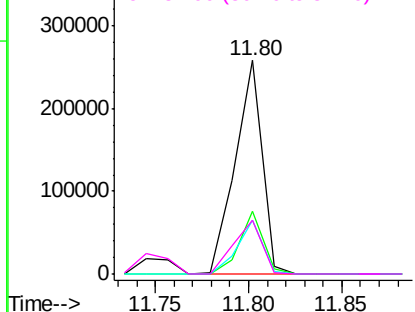


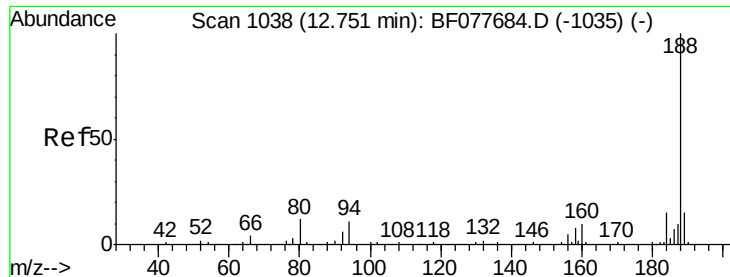
#62
Azobenzene
Concen: 34.22 ng
RT: 11.80 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF077751.D
Acq: 16 Mar 2015 14:04

Tgt Ion: 77 Resp: 262832
Ion Ratio Lower Upper
77 100
182 29.2 6.5 46.5
105 25.0 3.8 43.8
51 25.3 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

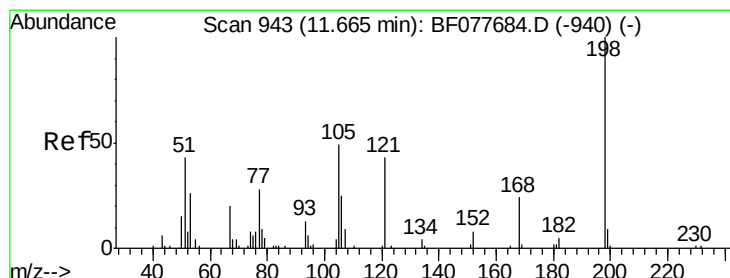
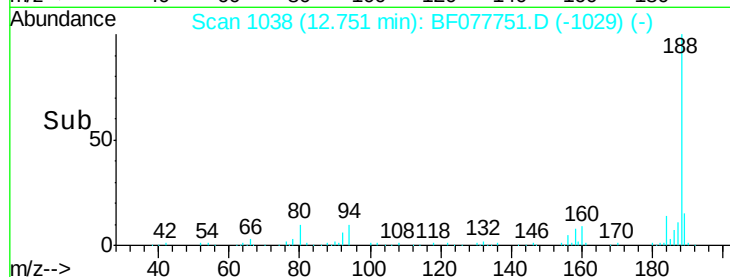
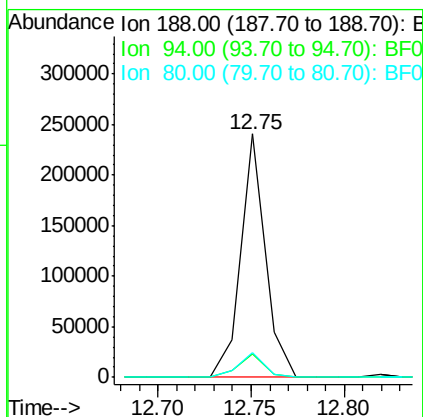
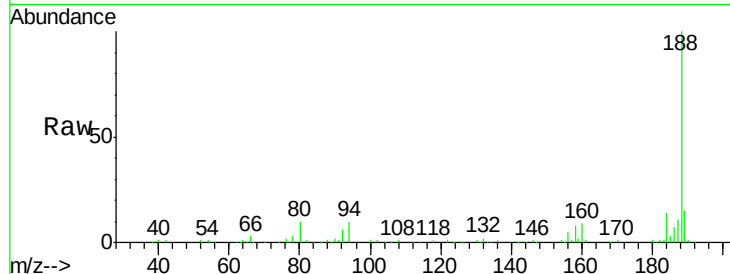




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.75 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF077751.D
 Acq: 16 Mar 2015 14:04

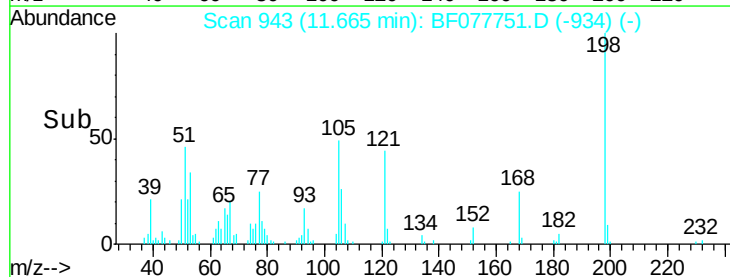
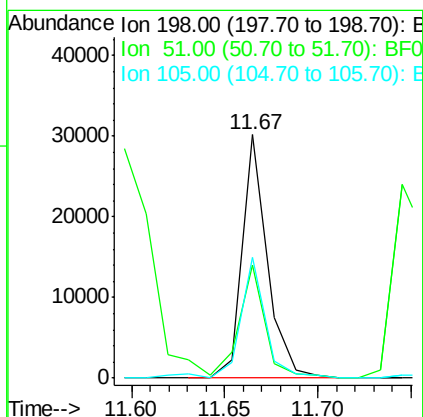
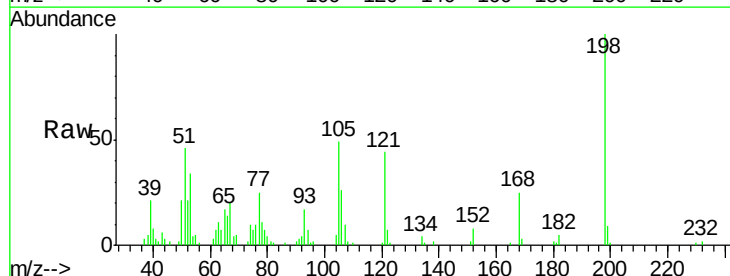
Instrument :
 BNA_F
 ClientSampleId :
 PB82101BS

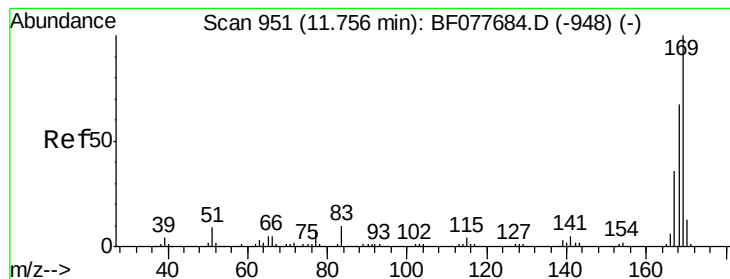
Tgt Ion:188 Resp: 222405
 Ion Ratio Lower Upper
 188 100
 94 9.7 8.7 13.1
 80 10.1 9.3 13.9



#64
 4,6-Dinitro-2-methylphenol
 Concen: 28.82 ng
 RT: 11.67 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF077751.D
 Acq: 16 Mar 2015 14:04

Tgt Ion:198 Resp: 28288
 Ion Ratio Lower Upper
 198 100
 51 46.3 28.8 68.8
 105 49.3 30.5 70.5

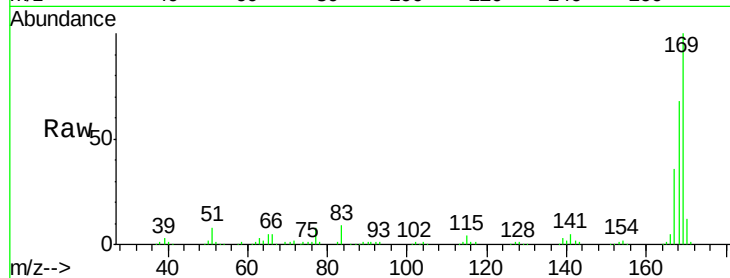




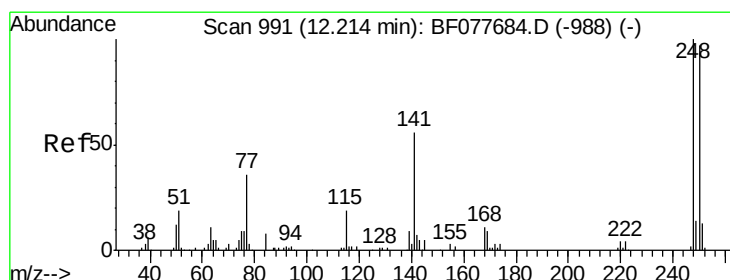
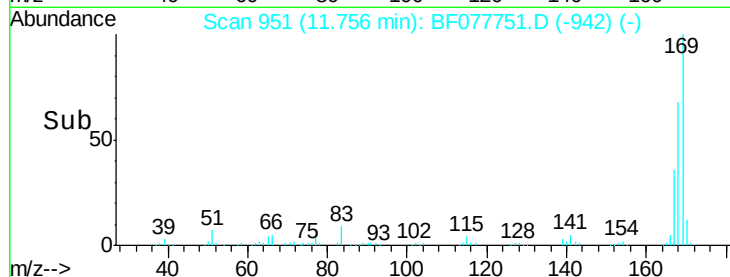
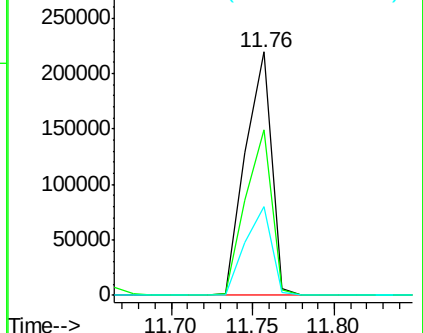
#65
 n-Nitrosodiphenylamine
 Concen: 32.91 ng
 RT: 11.76 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: BF077751.D
 Acq: 16 Mar 2015 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB82101BS

Tgt Ion:169 Resp: 243751
 Ion Ratio Lower Upper
 169 100
 168 67.9 53.9 80.9
 167 36.2 28.9 43.3

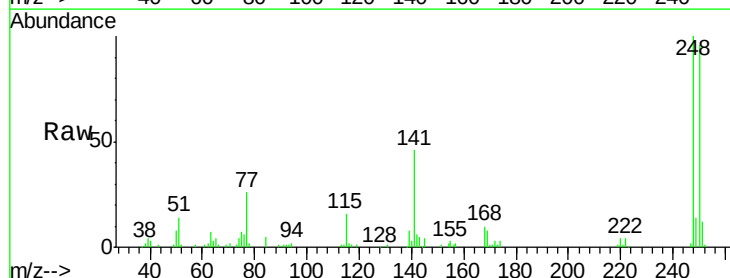


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

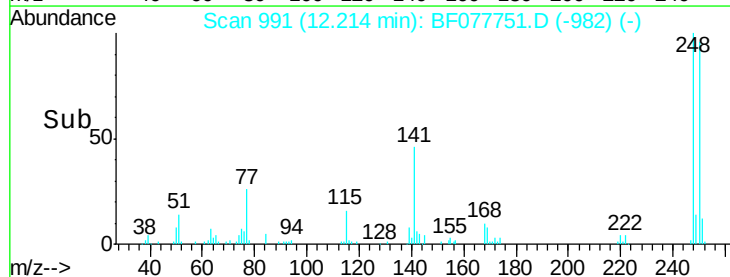
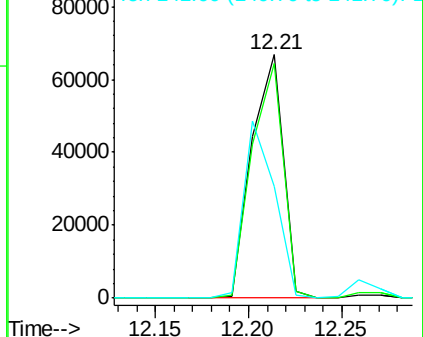


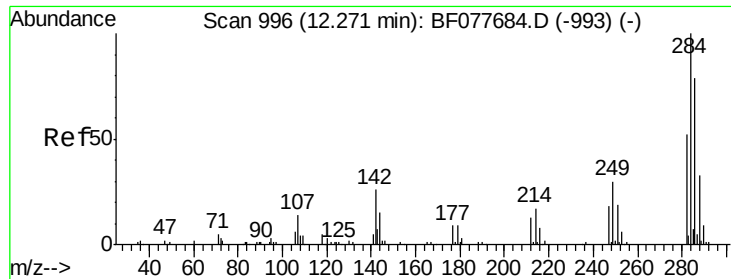
#66
 4-Bromophenyl-phenylether
 Concen: 32.82 ng
 RT: 12.21 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BF077751.D
 Acq: 16 Mar 2015 14:04

Tgt Ion:248 Resp: 77901
 Ion Ratio Lower Upper
 248 100
 250 96.4 77.4 116.0
 141 46.0 45.2 67.8



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

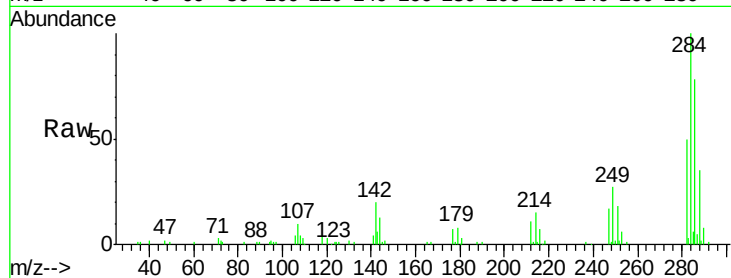




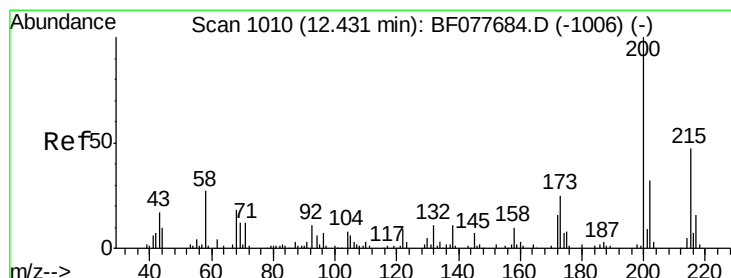
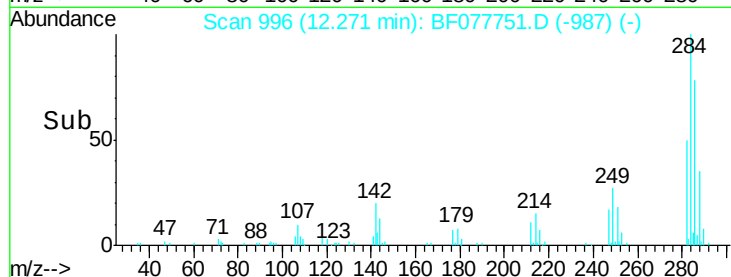
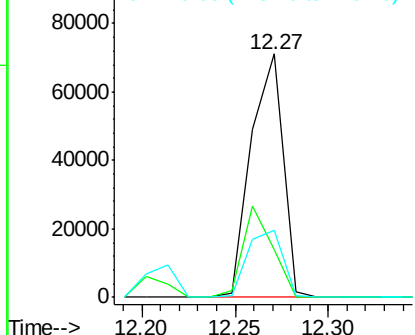
#67
Hexachlorobenzene
Concen: 32.46 ng
RT: 12.27 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF077751.D
Acq: 16 Mar 2015 14:04

Instrument :
BNA_F
ClientSampleId :
PB82101BS

Tgt Ion:284 Resp: 84646
Ion Ratio Lower Upper
284 100
142 19.7 20.4 30.6#
249 27.4 23.8 35.6

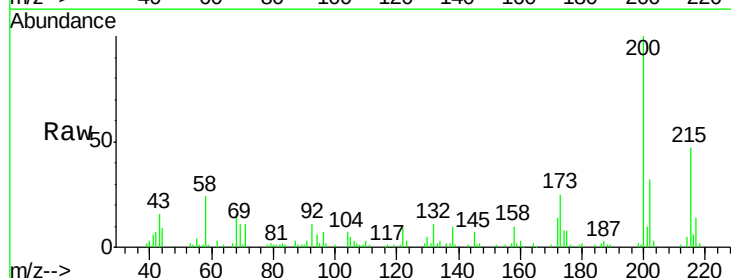


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

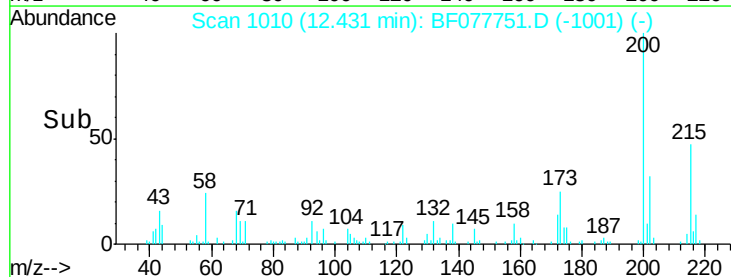
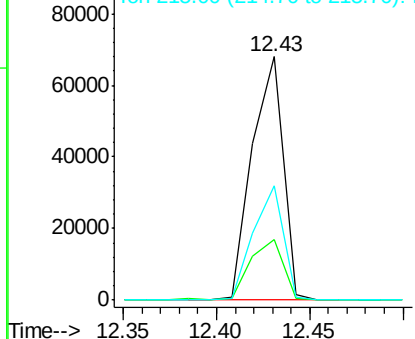


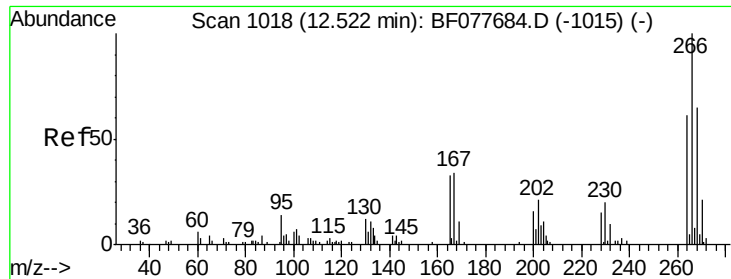
#68
Atrazine
Concen: 37.72 ng
RT: 12.43 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF077751.D
Acq: 16 Mar 2015 14:04

Tgt Ion:200 Resp: 78281
Ion Ratio Lower Upper
200 100
173 24.7 4.8 44.8
215 46.7 26.9 66.9



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

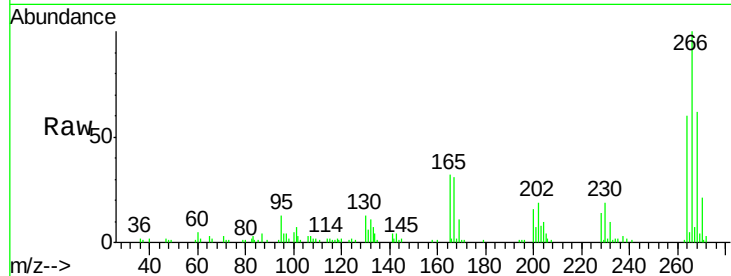




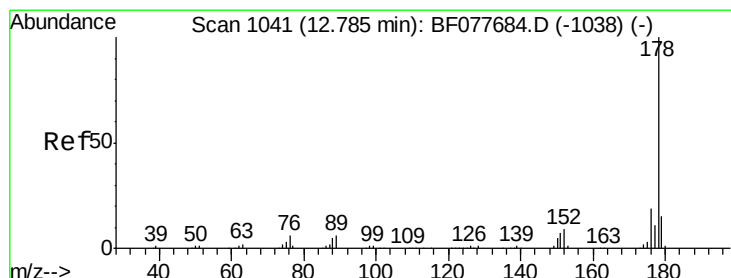
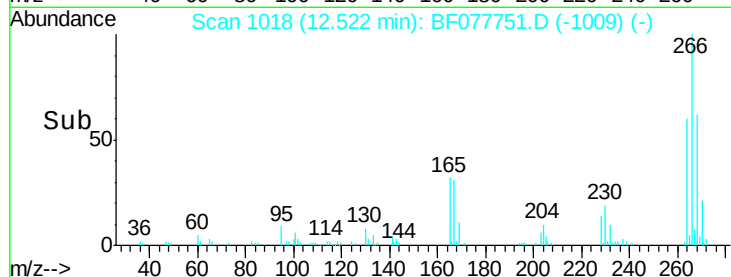
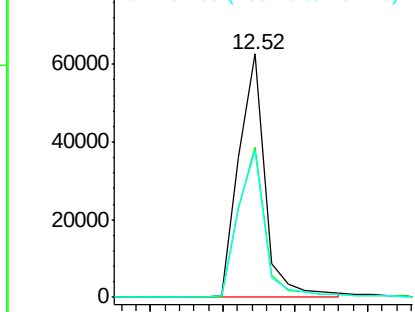
#69
 Pentachlorophenol
 Concen: 58.86 ng
 RT: 12.52 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF077751.D
 Acq: 16 Mar 2015 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB82101BS

Tgt Ion:266 Resp: 79246
 Ion Ratio Lower Upper
 266 100
 268 61.6 52.0 78.0
 264 60.3 49.0 73.4

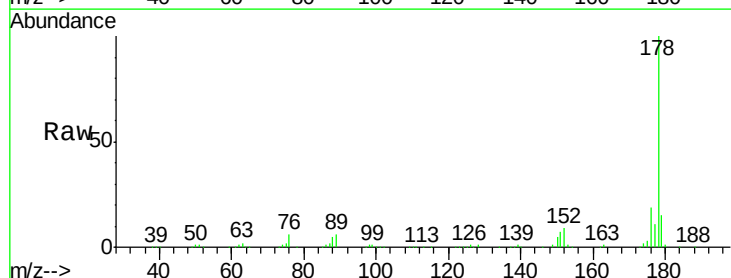


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

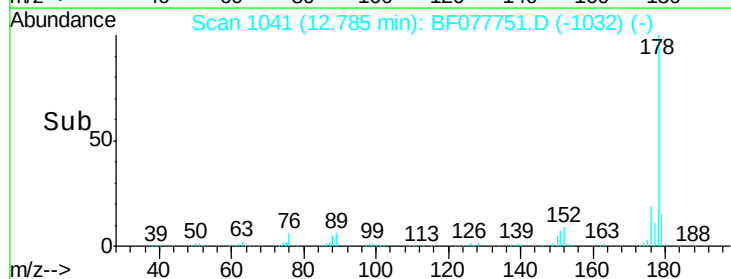
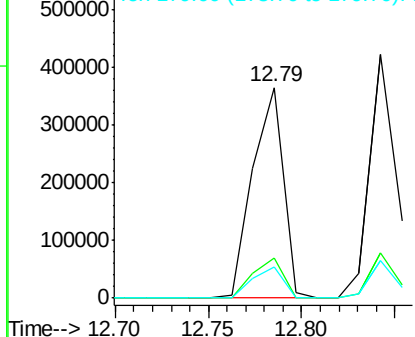


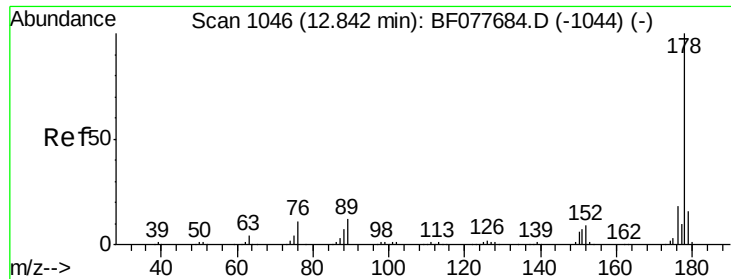
#70
 Phenanthrene
 Concen: 32.52 ng
 RT: 12.79 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF077751.D
 Acq: 16 Mar 2015 14:04

Tgt Ion:178 Resp: 415197
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.2 22.8
 179 15.1 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

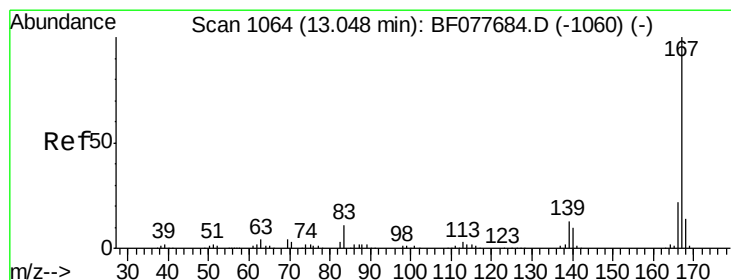
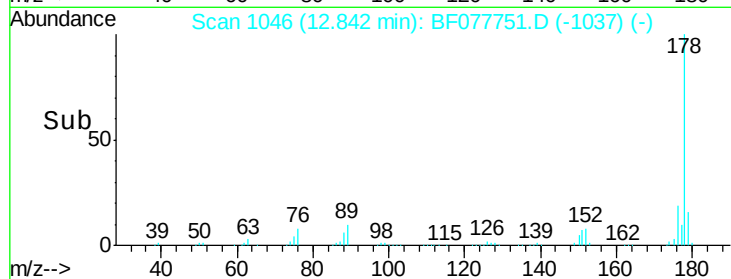
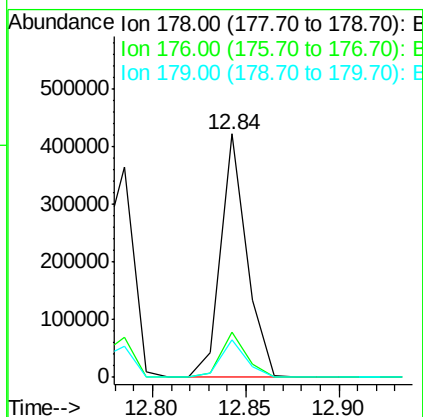
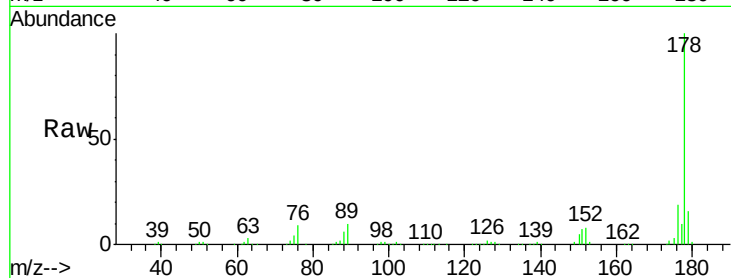




#71
 Anthracene
 Concen: 32.59 ng
 RT: 12.84 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF077751.D
 Acq: 16 Mar 2015 14:04

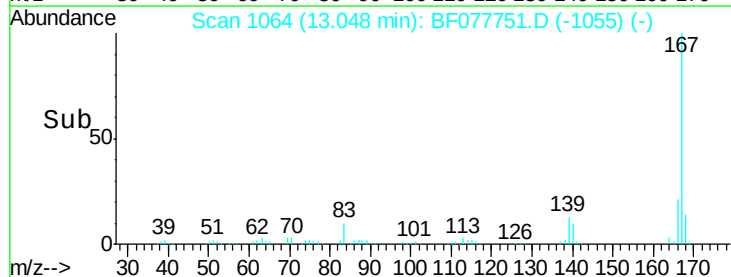
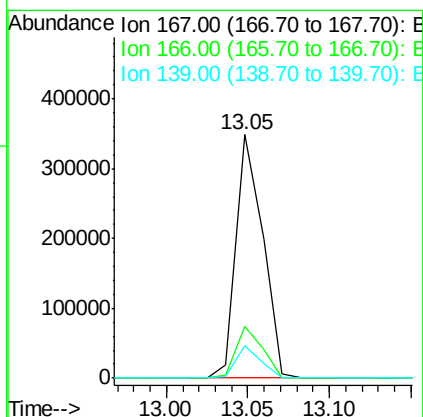
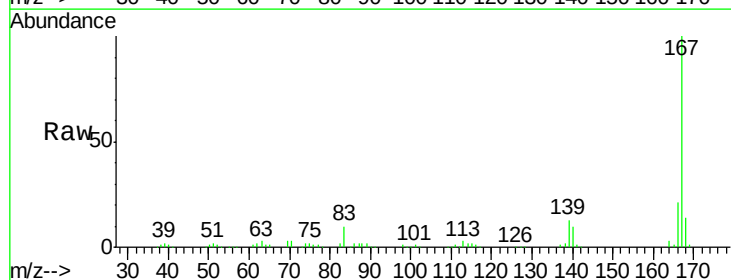
Instrument :
 BNA_F
 ClientSampled :
 PB82101BS

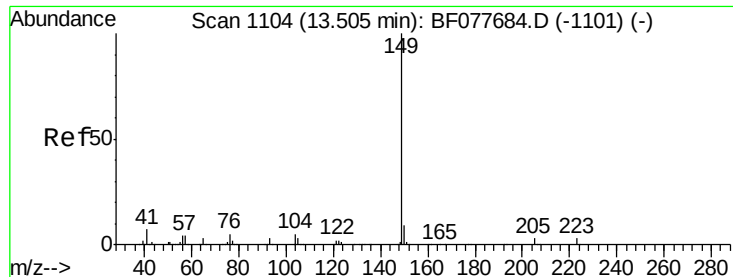
Tgt Ion:178 Resp: 411156
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.6 22.0
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 32.82 ng
 RT: 13.05 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF077751.D
 Acq: 16 Mar 2015 14:04

Tgt Ion:167 Resp: 393784
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.2 25.8
 139 13.4 10.8 16.2





#73

Di-n-butylphthalate

Concen: 33.91 ng

RT: 13.51 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BF077751.D

Acq: 16 Mar 2015 14:04

Instrument :

BNA_F

ClientSampleId :

PB82101BS

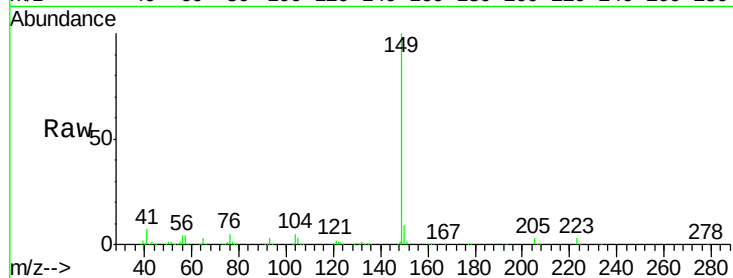
Tgt Ion:149 Resp: 456185

Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

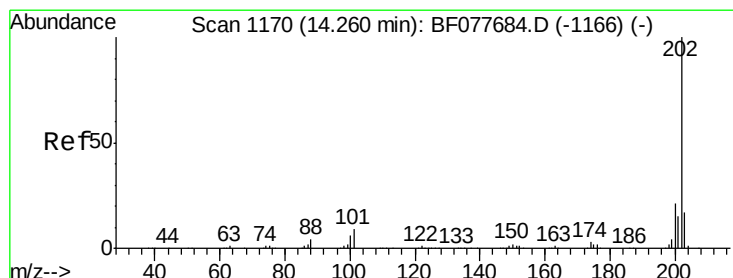
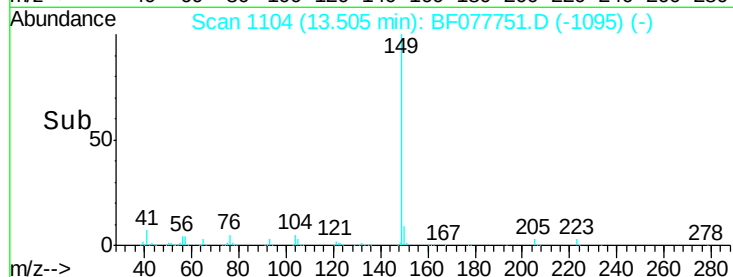
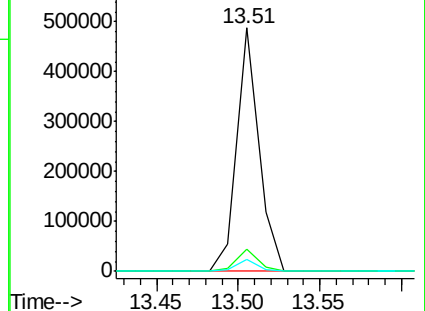
104 4.8 3.7 5.5



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: 31.82 ng

RT: 14.25 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF077751.D

Acq: 16 Mar 2015 14:04

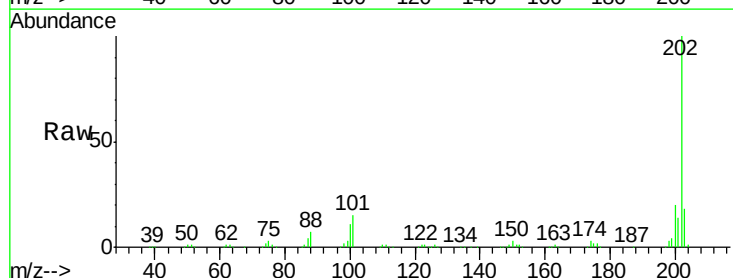
Tgt Ion:202 Resp: 448143

Ion Ratio Lower Upper

202 100

101 15.3 0.0 28.7

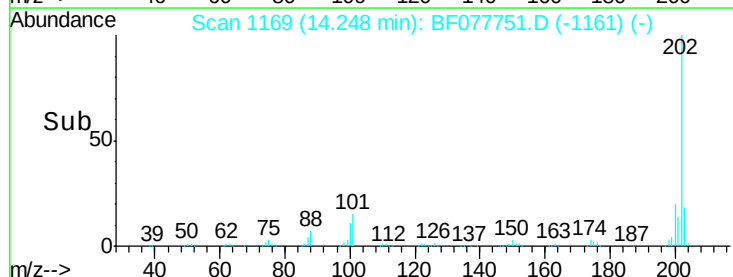
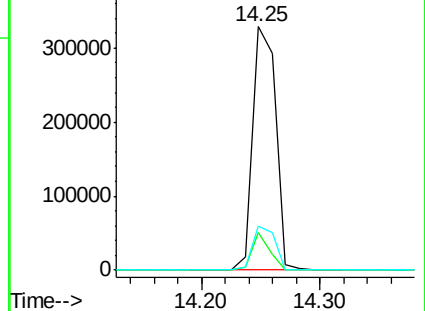
203 18.0 0.0 37.2

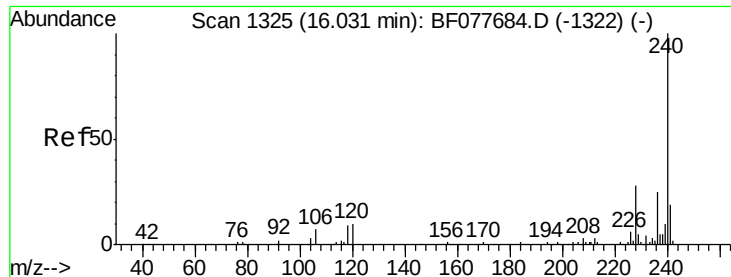


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

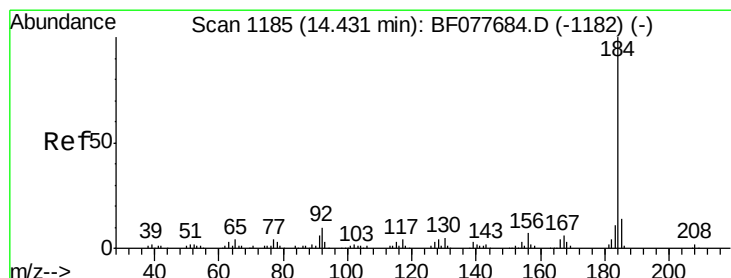
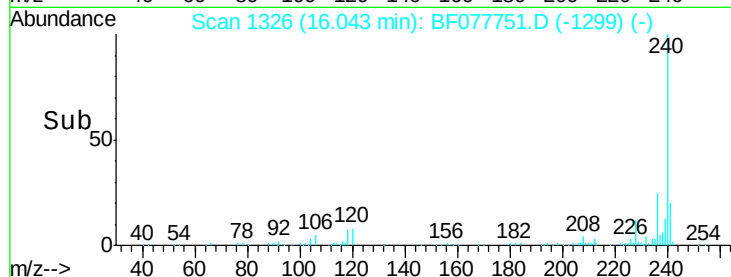
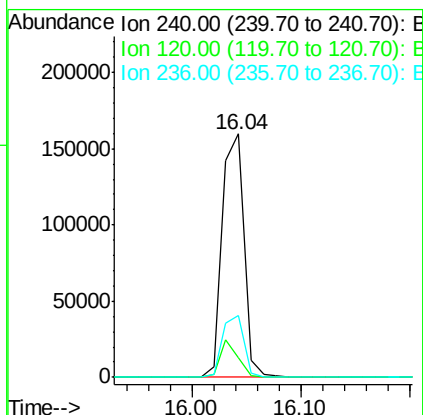
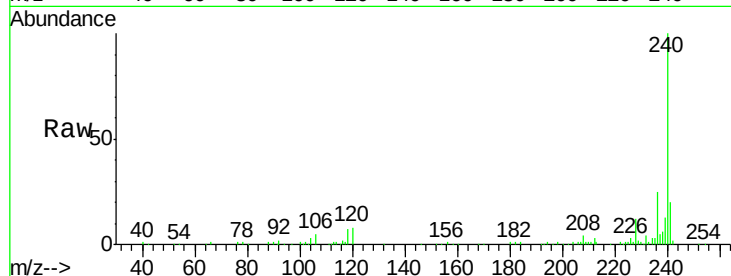




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.04 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF077751.D
Acq: 16 Mar 2015 14:04

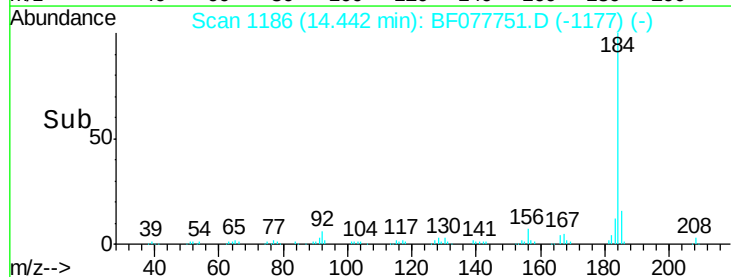
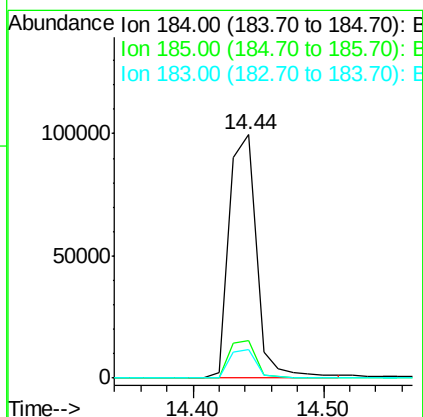
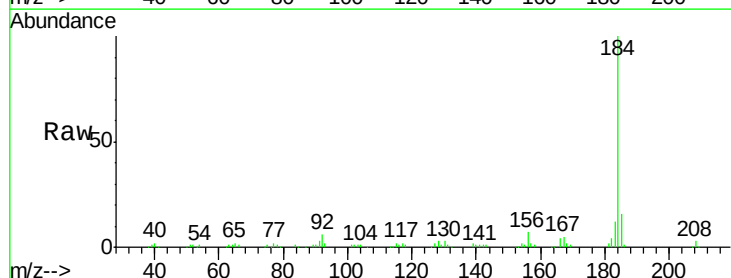
Instrument :
BNA_F
ClientSampleId :
PB82101BS

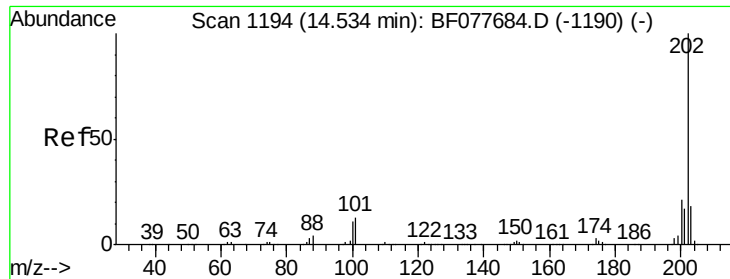
Tgt Ion:240 Resp: 223449
Ion Ratio Lower Upper
240 100
120 7.9 8.2 12.2#
236 25.3 20.0 30.0



#76
Benzidine
Concen: 26.22 ng
RT: 14.44 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF077751.D
Acq: 16 Mar 2015 14:04

Tgt Ion:184 Resp: 145854
Ion Ratio Lower Upper
184 100
185 15.5 11.3 16.9
183 11.8 8.9 13.3

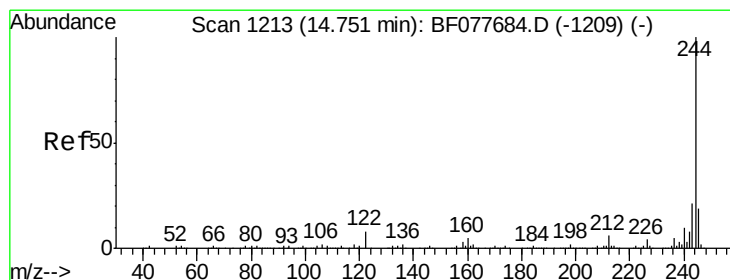
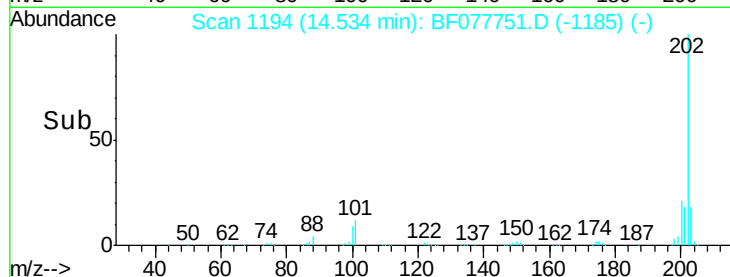
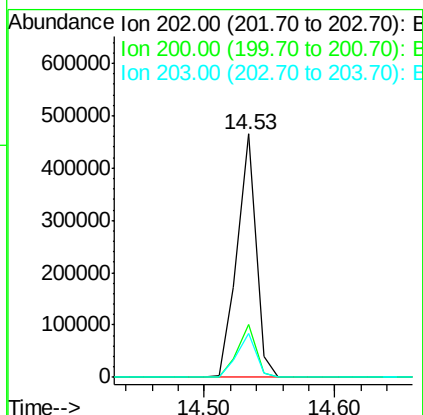
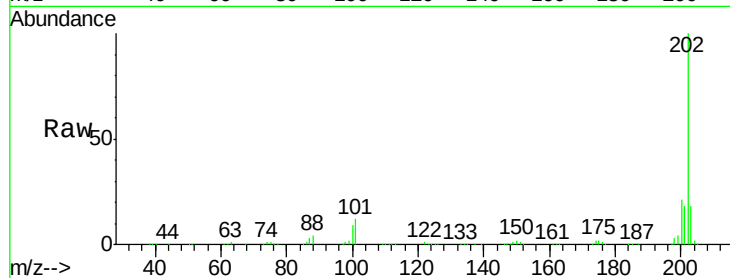




#77
Pyrene
 Concen: 33.48 ng
 RT: 14.53 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF077751.D
 Acq: 16 Mar 2015 14:04

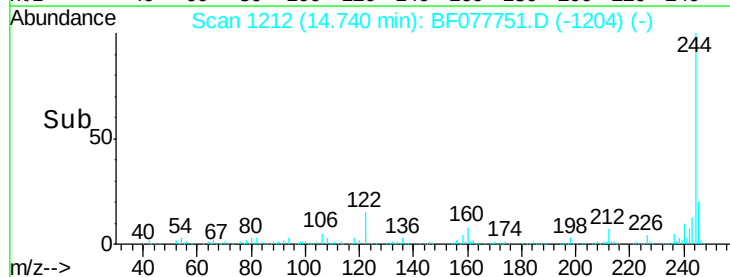
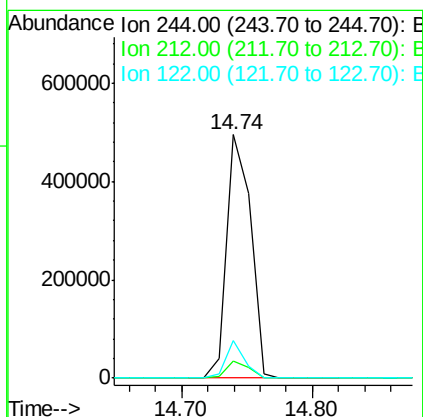
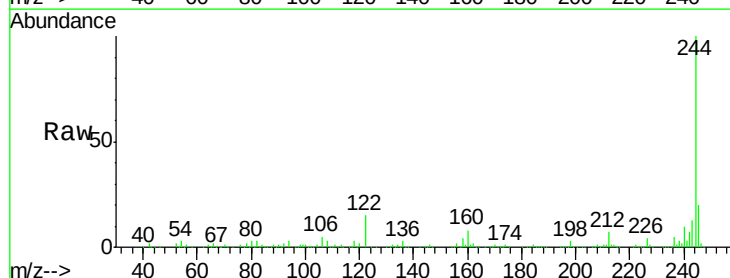
Instrument :
 BNA_F
 ClientSampleId :
 PB82101BS

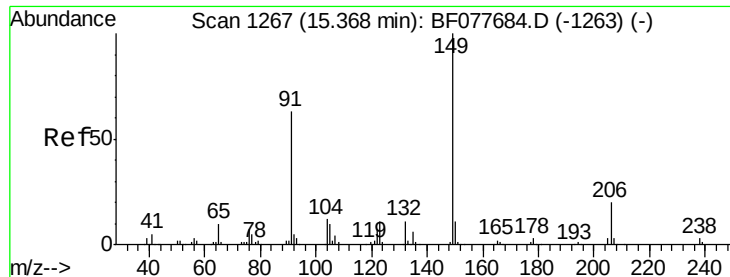
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.9	25.3
203	17.8	14.1	21.1



#78
Terphenyl-d14
 Concen: 69.04 ng
 RT: 14.74 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF077751.D
 Acq: 16 Mar 2015 14:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	4.9	7.3
122	15.2	6.2	9.4

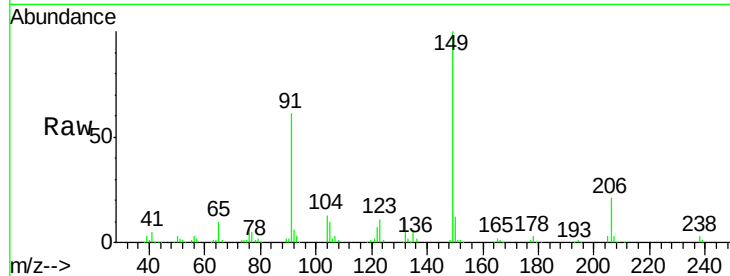




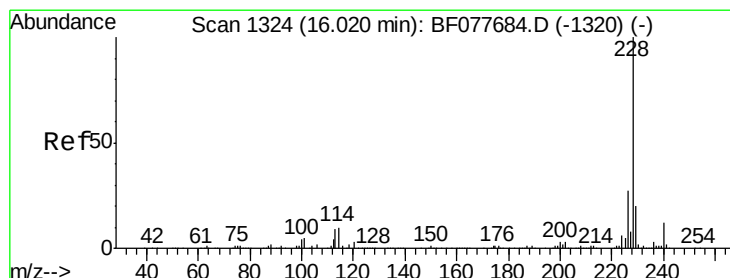
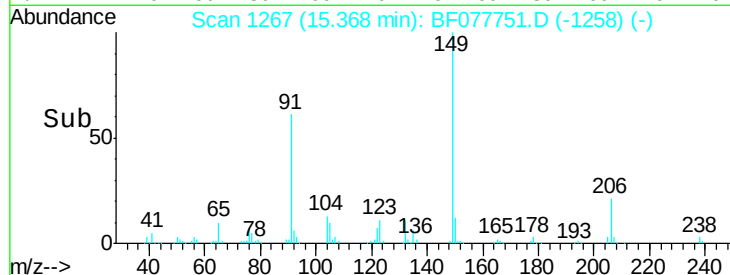
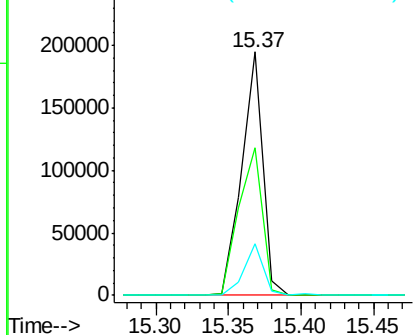
#79
Butylbenzylphthalate
Concen: 35.55 ng
RT: 15.37 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF077751.D
Acq: 16 Mar 2015 14:04

Instrument :
BNA_F
ClientSampleId :
PB82101BS

Tgt Ion:149 Resp: 196923
Ion Ratio Lower Upper
149 100
91 60.8 50.1 75.1
206 21.2 16.2 24.2

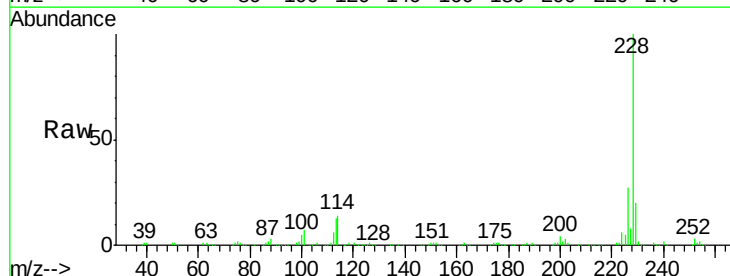


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

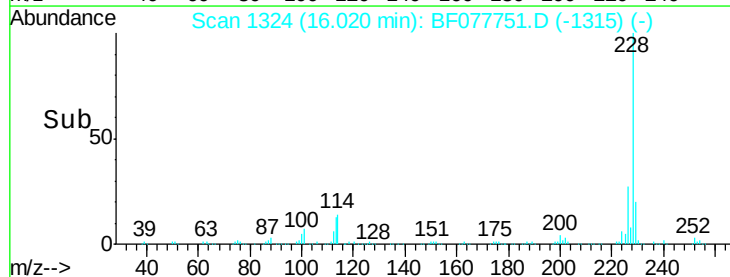
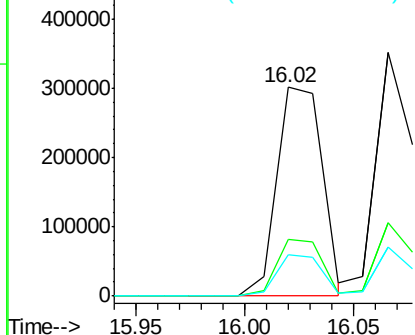


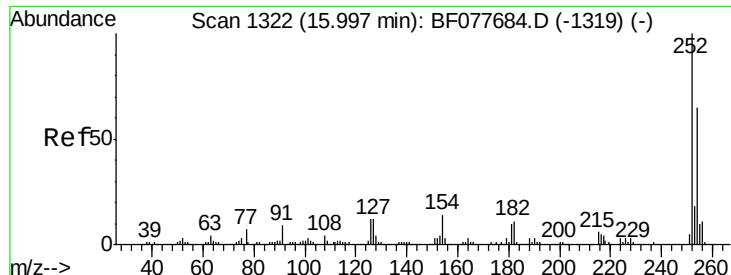
#80
Benzo(a)anthracene
Concen: 33.17 ng
RT: 16.02 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF077751.D
Acq: 16 Mar 2015 14:04

Tgt Ion:228 Resp: 439415
Ion Ratio Lower Upper
228 100
226 27.0 21.7 32.5
229 20.1 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

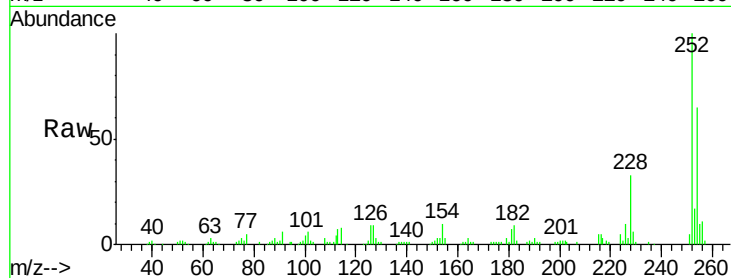




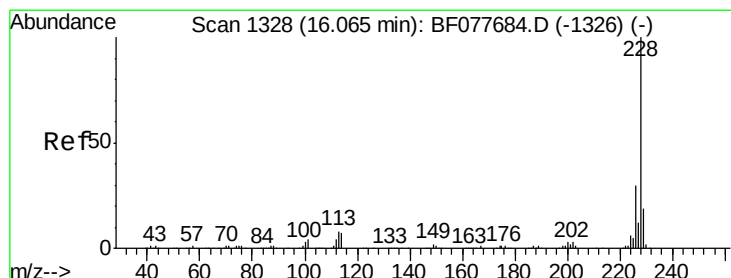
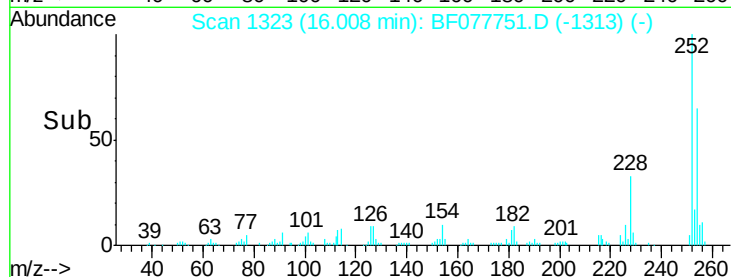
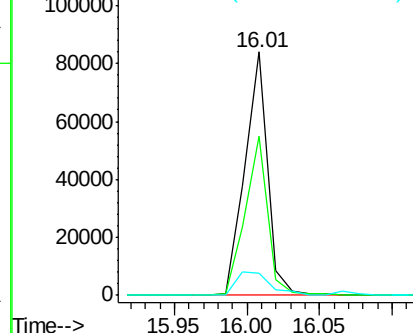
#81
 3,3'-Dichlorobenzidine
 Concen: 20.95 ng
 RT: 16.01 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: BF077751.D
 Acq: 16 Mar 2015 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB82101BS

Tgt Ion:252 Resp: 91522
 Ion Ratio Lower Upper
 252 100
 254 65.5 51.9 77.9
 126 9.4 9.8 14.8#

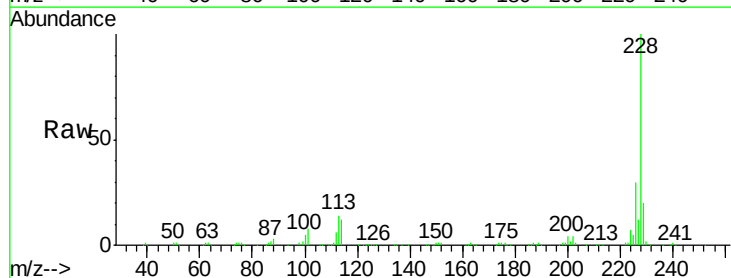


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

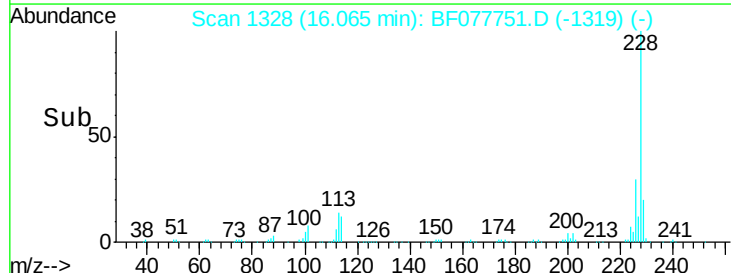
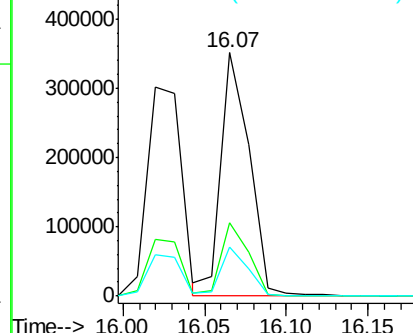


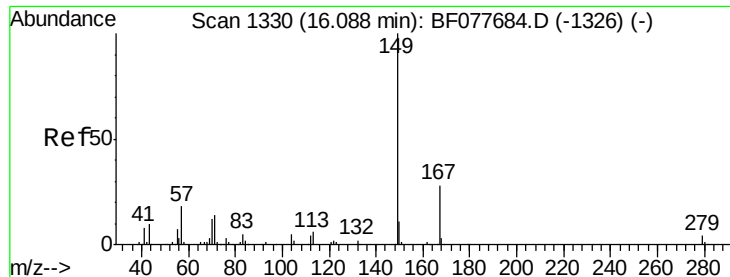
#82
 Chrysene
 Concen: 35.14 ng
 RT: 16.07 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF077751.D
 Acq: 16 Mar 2015 14:04

Tgt Ion:228 Resp: 418496
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.1 36.1
 229 19.9 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.64 ng

RT: 16.09 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BF077751.D

Acq: 16 Mar 2015 14:04

Instrument :

BNA_F

ClientSampleId :

PB82101BS

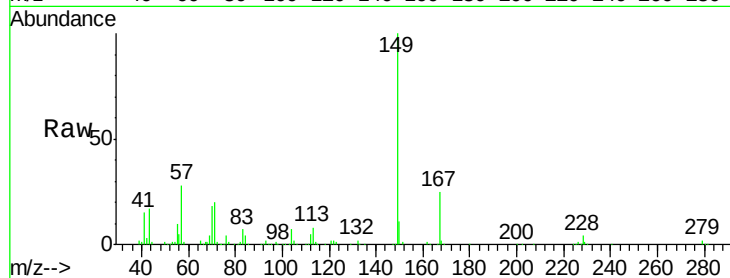
Tgt Ion:149 Resp: 299052

Ion Ratio Lower Upper

149 100

167 25.1 22.4 33.6

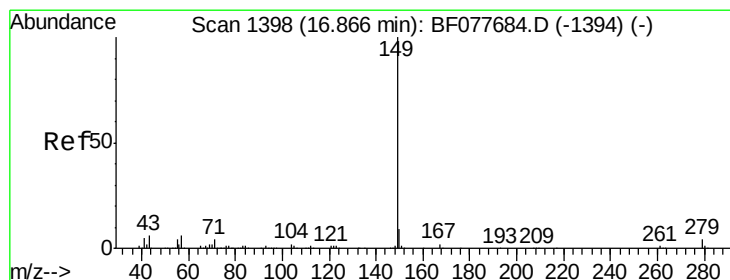
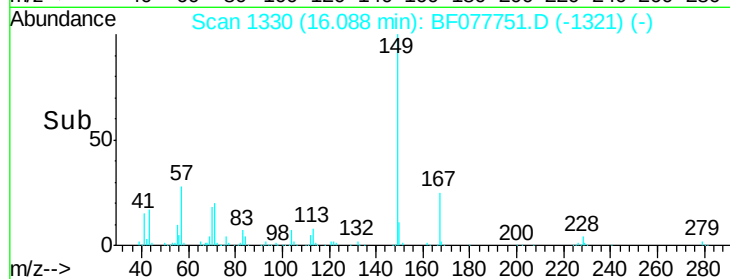
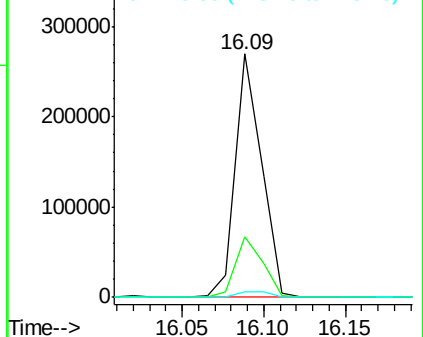
279 2.5 3.4 5.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 34.34 ng

RT: 16.90 min Scan# 1401

Delta R.T. 0.02 min

Lab File: BF077751.D

Acq: 16 Mar 2015 14:04

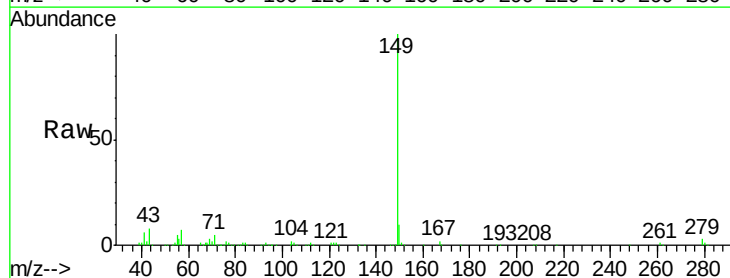
Tgt Ion:149 Resp: 492701

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

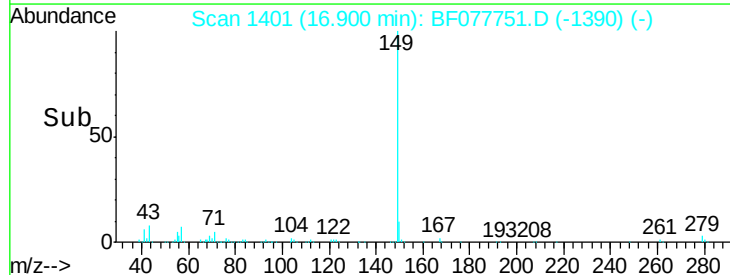
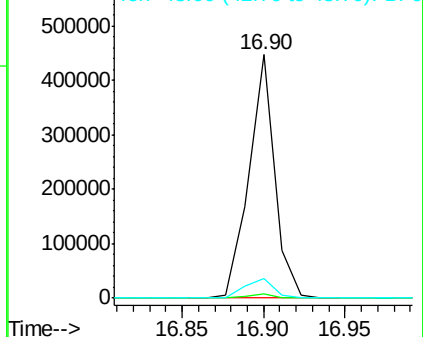
43 9.1 7.3 10.9

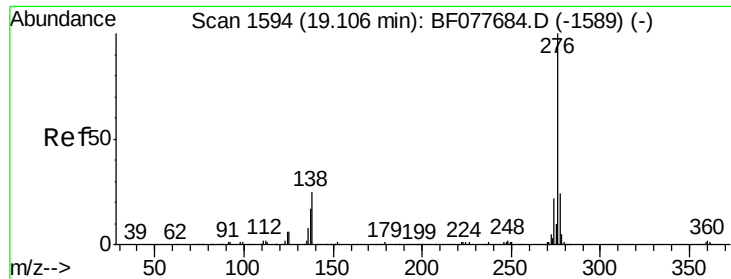


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

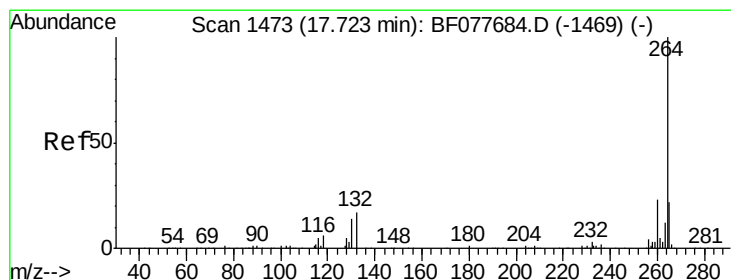
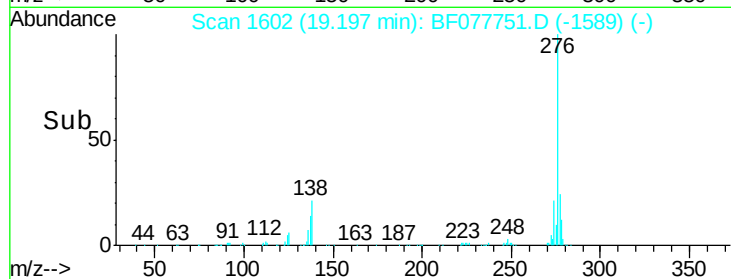
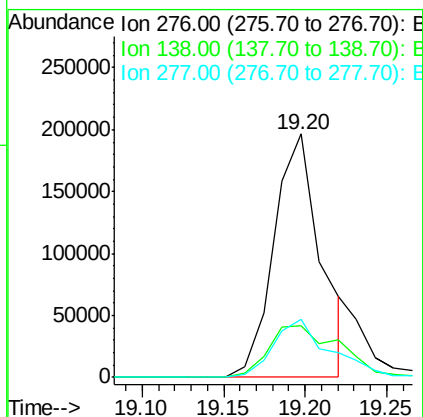
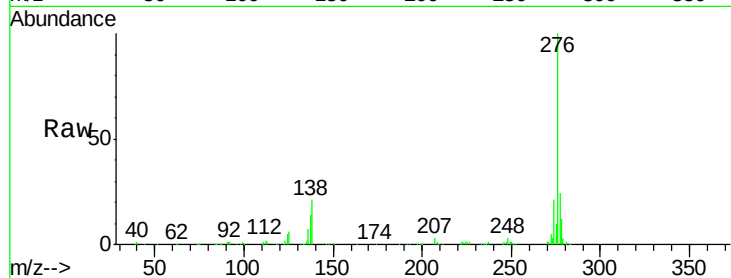




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 26.57 ng
 RT: 19.20 min Scan# 1602
 Delta R.T. 0.05 min
 Lab File: BF077751.D
 Acq: 16 Mar 2015 14:04

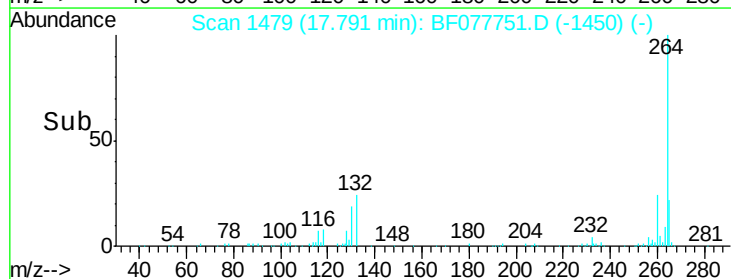
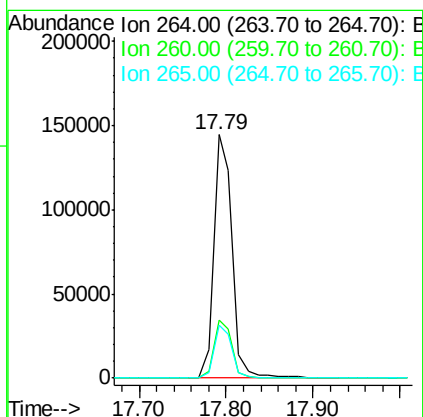
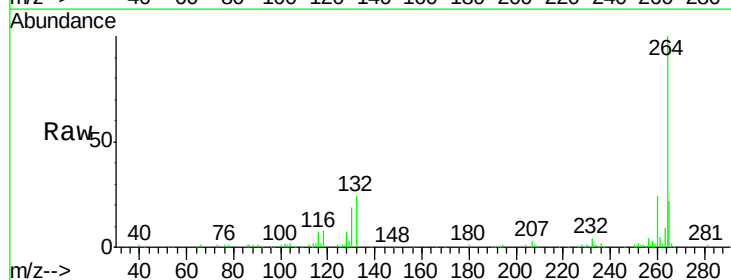
Instrument :
 BNA_F
 ClientSampleId :
 PB82101BS

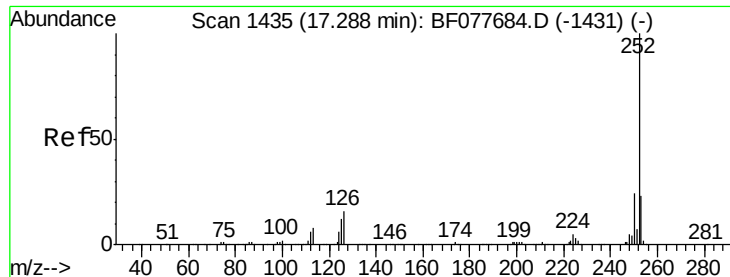
Tgt Ion: 276 Resp: 395008
 Ion Ratio Lower Upper
 276 100
 138 22.6 0.0 0.0#
 277 24.8 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.79 min Scan# 1479
 Delta R.T. 0.03 min
 Lab File: BF077751.D
 Acq: 16 Mar 2015 14:04

Tgt Ion: 264 Resp: 212602
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 27.8
 265 21.8 17.3 25.9

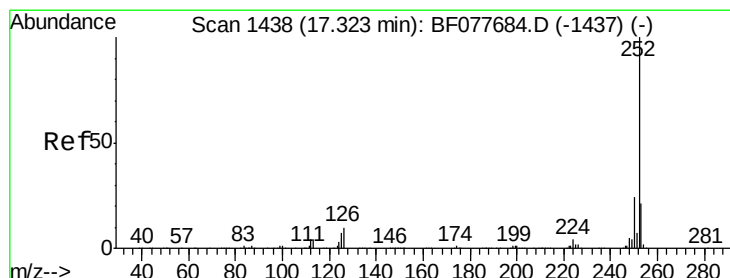
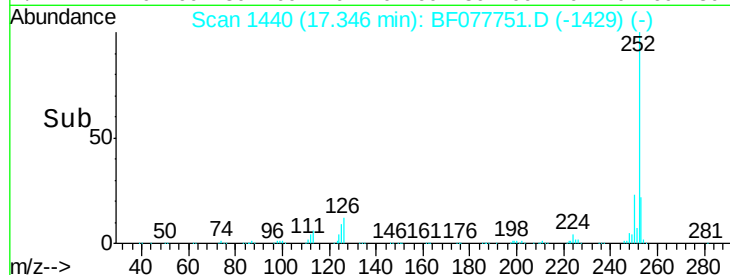
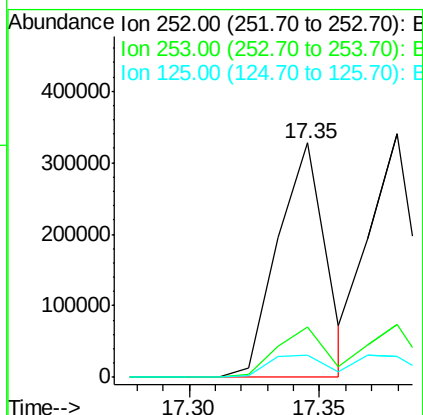
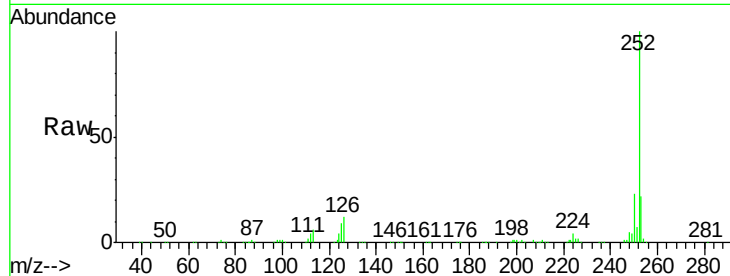




#87
Benzo(b)fluoranthene
Concen: 29.99 ng
RT: 17.35 min Scan# 1440
Delta R.T. 0.02 min
Lab File: BF077751.D
Acq: 16 Mar 2015 14:04

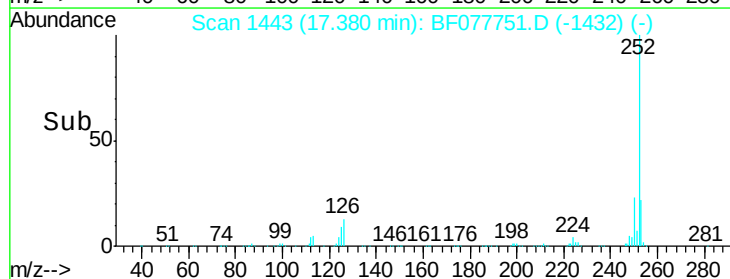
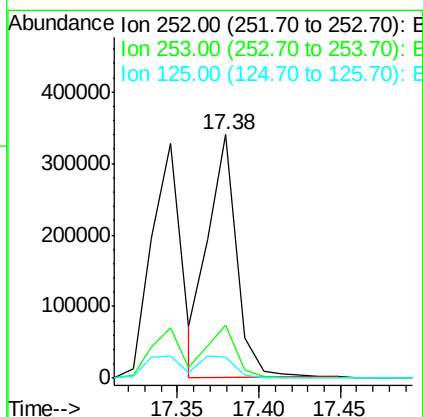
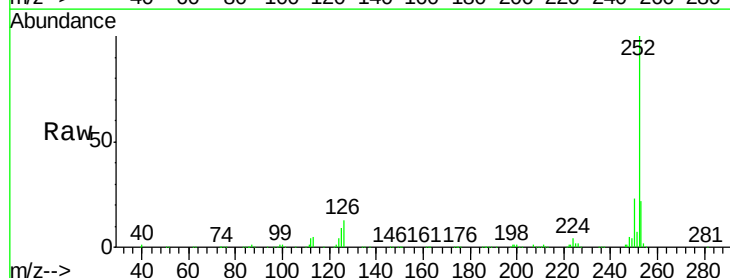
Instrument :
BNA_F
ClientSampleId :
PB82101BS

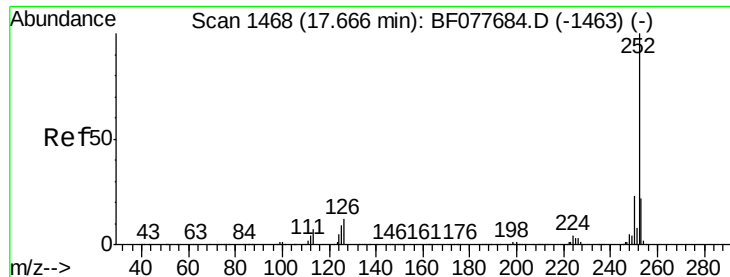
Tgt Ion:252 Resp: 416279
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 9.3 9.9 14.9#



#88
Benzo(k)fluoranthene
Concen: 38.18 ng
RT: 17.38 min Scan# 1443
Delta R.T. 0.02 min
Lab File: BF077751.D
Acq: 16 Mar 2015 14:04

Tgt Ion:252 Resp: 413935
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 8.6 8.1 12.1





#89

Benzo(a)pyrene

Concen: 35.11 ng

RT: 17.73 min Scan# 1474

Delta R.T. 0.03 min

Lab File: BF077751.D

Acq: 16 Mar 2015 14:04

Instrument :

BNA_F

ClientSampleId :

PB82101BS

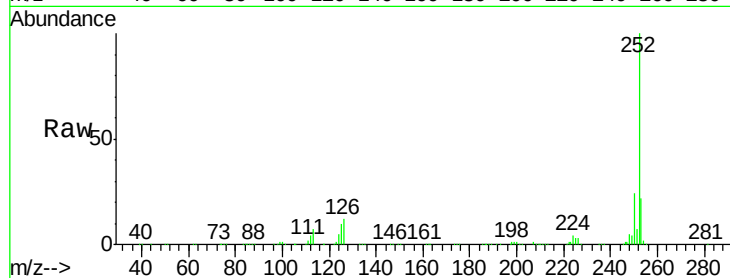
Tgt Ion:252 Resp: 406623

Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

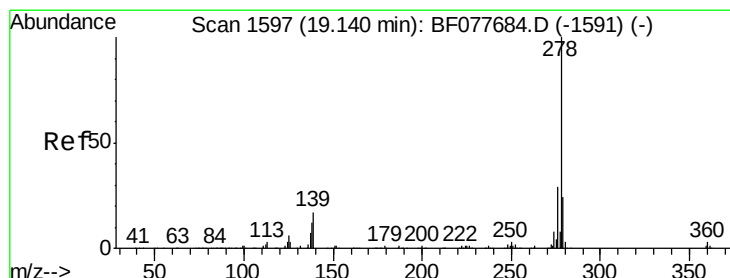
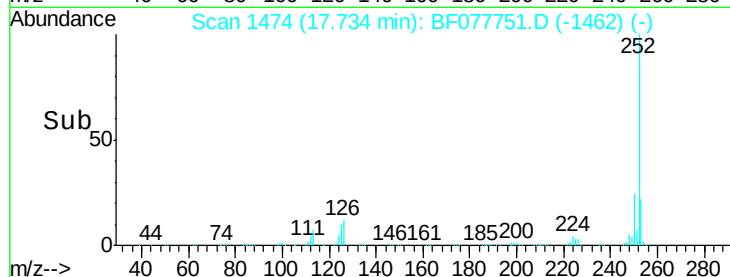
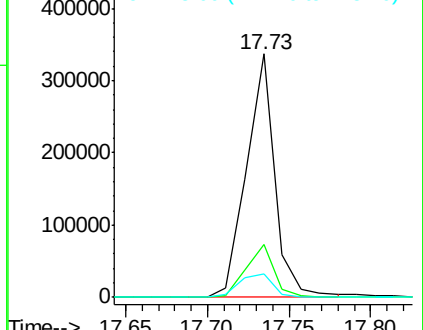
125 9.7 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 32.19 ng

RT: 19.22 min Scan# 1604

Delta R.T. 0.03 min

Lab File: BF077751.D

Acq: 16 Mar 2015 14:04

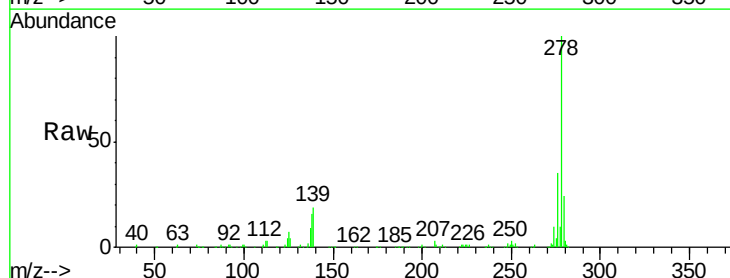
Tgt Ion:278 Resp: 369722

Ion Ratio Lower Upper

278 100

139 19.3 13.4 20.0

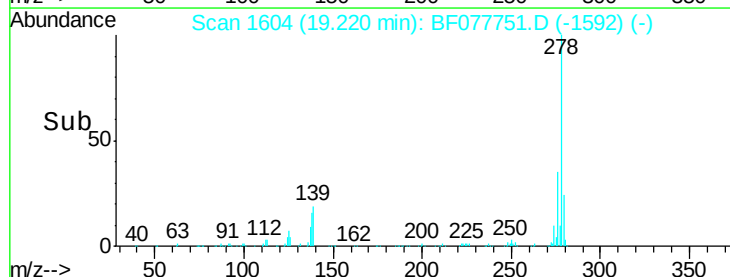
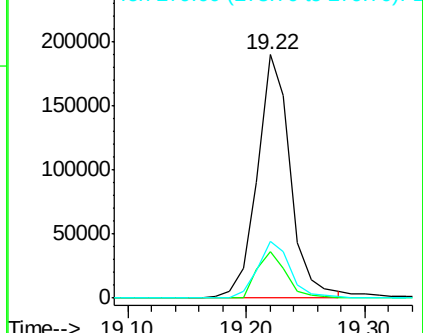
279 23.5 19.0 28.4

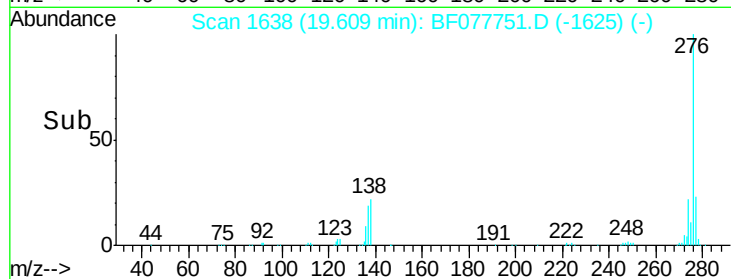
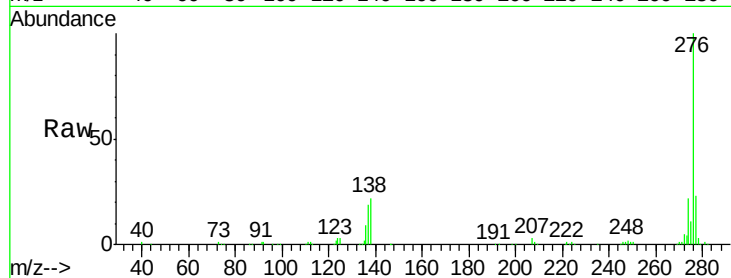
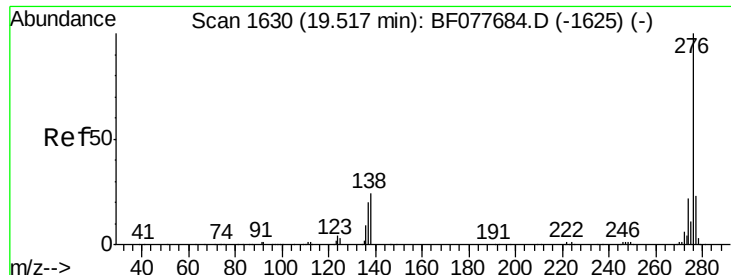


Abundance Ion 278.00 (277.70 to 278.70): E

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: 31.38 ng

RT: 19.61 min Scan# 1638

Delta R.T. 0.05 min

Lab File: BF077751.D

Acq: 16 Mar 2015 14:04

Instrument :

BNA_F

ClientSampleId :

PB82101BS

Tgt Ion:276 Resp: 366963

Ion Ratio Lower Upper

276 100

277 22.9 18.5 27.7

138 22.0 19.0 28.6

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

