

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031715\
 Data File : BF077770.D
 Acq On : 17 Mar 2015 14:11
 Operator : TP/IZ
 Sample : PB82120BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

Quant Time: Mar 18 01:17:56 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 00:52:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	51459	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	212330	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	105687	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	204624	20.00	ng	0.00
75) Chrysene-d12	16.04	240	221441	20.00	ng	0.01
86) Perylene-d12	17.79	264	211738	20.00	ng	0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	310735	105.40	ng	0.00
7) Phenol-d6	6.73	99	378412	103.89	ng	0.00
23) Nitrobenzene-d5	7.86	82	224240	69.23	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	99761	98.66	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	495328	68.88	ng	0.00
78) Terphenyl-d14	14.74	244	575302	63.46	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.06	88	38115	28.48	ng	# 100
3) Pyridine	2.76	79	95782	26.63	ng	99
4) n-Nitrosodimethylamine	2.68	42	47277	30.19	ng	97
6) Aniline	6.75	93	94950	18.22	ng	# 32
8) 2-Chlorophenol	6.89	128	118568	33.79	ng	95
9) Benzaldehyde	6.60	77	8763	5.87	ng	98
10) Phenol	6.75	94	143556	33.34	ng	91
11) bis(2-Chloroethyl)ether	6.85	93	115551	35.83	ng	96
12) 1,3-Dichlorobenzene	7.08	146	127892	32.77	ng	98
13) 1,4-Dichlorobenzene	7.18	146	128218	31.62	ng	99
14) 1,2-Dichlorobenzene	7.37	146	122294	32.89	ng	98
15) Benzyl Alcohol	7.34	79	93144	32.76	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.53	45	145027	33.37	ng	98
17) 2-Methylphenol	7.49	107	95158	33.31	ng	97
18) Hexachloroethane	7.78	117	42970	32.31	ng	93
19) n-Nitroso-di-n-propylamine	7.68	70	76791	30.48	ng	91
20) 3+4-Methylphenols	7.69	107	123351	32.91	ng	93
22) Acetophenone	7.68	105	161774	34.42	ng	# 91
24) Nitrobenzene	7.88	77	117970	33.81	ng	# 82
25) Isophorone	8.18	82	210400	32.16	ng	97
26) 2-Nitrophenol	8.27	139	57845	33.86	ng	90
27) 2,4-Dimethylphenol	8.34	122	105508	33.90	ng	95
28) bis(2-Chloroethoxy)methane	8.46	93	139239	35.07	ng	99
29) 2,4-Dichlorophenol	8.57	162	98833	33.31	ng	96
30) 1,2,4-Trichlorobenzene	8.67	180	102839	30.98	ng	98
31) Naphthalene	8.76	128	344157	31.56	ng	99
32) Benzoic acid	8.45	122	56817	33.71	ng	94
33) 4-Chloroaniline	8.84	127	88222	19.93	ng	# 95
34) Hexachlorobutadiene	8.92	225	58899	31.31	ng	98
35) Caprolactam	9.26	113	30620	35.32	ng	99
36) 4-Chloro-3-methylphenol	9.45	107	99348	33.28	ng	# 82
37) 2-Methylnaphthalene	9.62	142	235886	32.20	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	101072	32.06	ng	# 100
40) Hexachlorocyclopentadiene	9.81	237	102780	65.72	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

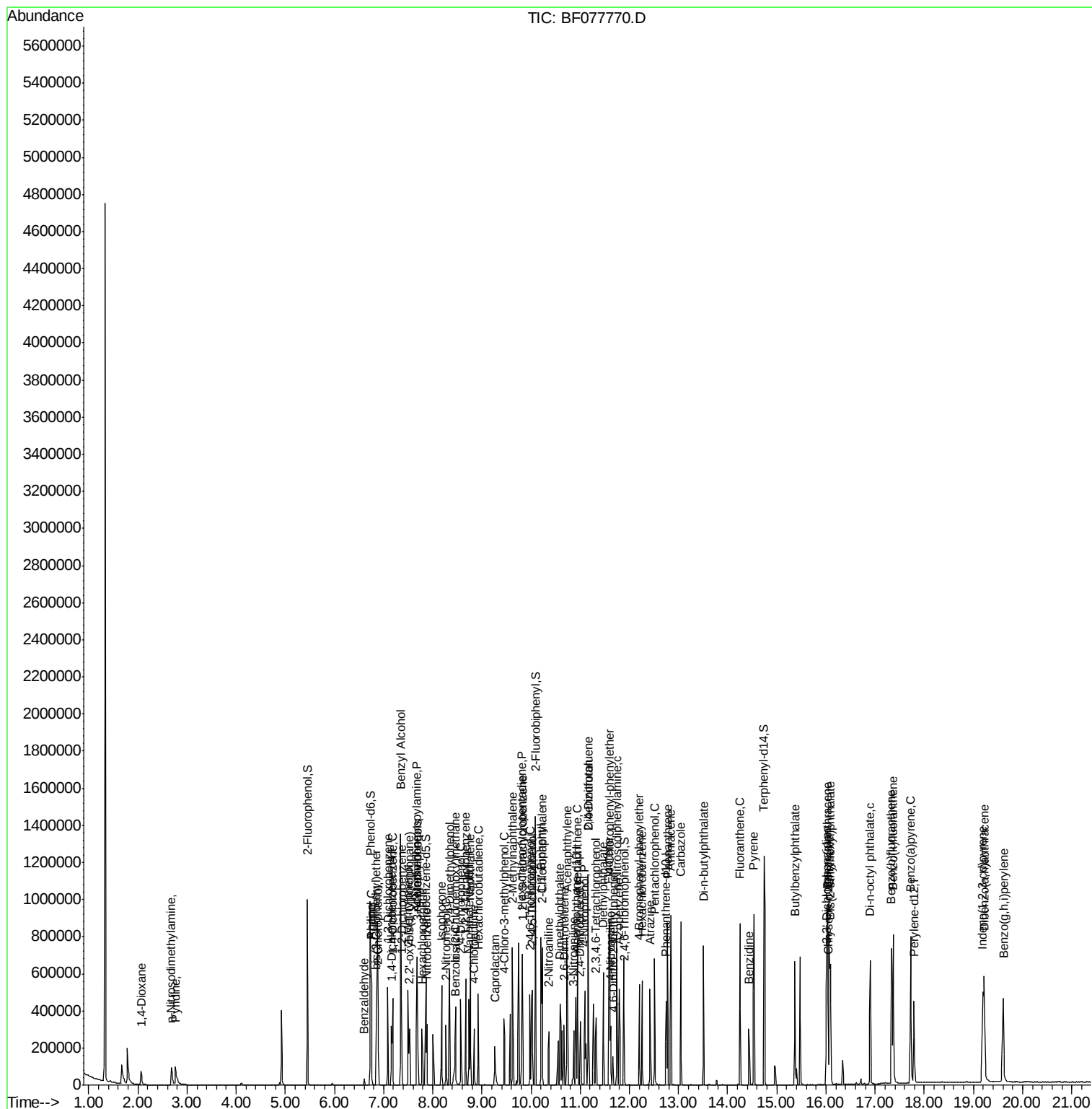
42) 2,4,6-Trichlorophenol	9.97	196	70943	32.49	nq	97
43) 2,4,5-Trichlorophenol	10.02	196	77235	32.74	nq	# 85
45) 1,1'-Biphenyl	10.20	154	269317	31.88	nq	97
46) 2-Chloronaphthalene	10.22	162	221332	32.24	nq	96
47) 2-Nitroaniline	10.36	65	58336	34.21	nq	# 73
48) Acenaphthylene	10.73	152	360548	31.58	nq	99
49) Dimethylphthalate	10.59	163	255017	32.53	nq	99
50) 2,6-Dinitrotoluene	10.67	165	57373	35.31	nq	# 78
51) Acenaphthene	10.94	154	203687	31.12	nq	98
52) 3-Nitroaniline	10.86	138	44874	23.78	nq	# 78
53) 2,4-Dinitrophenol	11.00	184	45880	77.18	nq	# 81
54) Dibenzofuran	11.16	168	320633	33.02	nq	95
55) 4-Nitrophenol	11.09	139	105420	75.42	nq	95
56) 2,4-Dinitrotoluene	11.16	165	78759	37.17	nq	# 82
57) Fluorene	11.59	166	253667	31.47	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.32	232	61884	34.07	nq	# 100
59) Diethylphthalate	11.47	149	241410	31.61	nq	96
60) 4-Chlorophenyl-phenylether	11.60	204	117369	31.90	nq	# 89
61) 4-Nitroaniline	11.62	138	58189	30.94	nq	79
62) Azobenzene	11.79	77	234264	32.09	nq	91
64) 4,6-Dinitro-2-methylphenol	11.67	198	32032	34.48	nq	# 74
65) n-Nitrosodiphenylamine	11.75	169	219707	32.25	nq	99
66) 4-Bromophenyl-phenylether	12.20	248	71029	32.53	nq	# 85
67) Hexachlorobenzene	12.26	284	74092	30.88	nq	# 86
68) Atrazine	12.42	200	68481	35.86	nq	92
69) Pentachlorophenol	12.51	266	83263	66.78	nq	96
70) Phenanthrene	12.77	178	378225	32.20	nq	99
71) Anthracene	12.84	178	394767	34.01	nq	100
72) Carbazole	13.05	167	372829	33.77	nq	99
73) Di-n-butylphthalate	13.51	149	400572	32.36	nq	100
74) Fluoranthene	14.25	202	422885	32.64	nq	93
76) Benzidine	14.43	184	163930	29.80	nq	99
77) Pyrene	14.53	202	458808	32.95	nq	100
79) Butylbenzylphthalate	15.37	149	178950	32.59	nq	99
80) Benzo(a)anthracene	16.02	228	420417	32.03	nq	99
81) 3,3'-Dichlorobenzidine	16.01	252	105974	24.47	nq	97
82) Chrysene	16.07	228	409586	34.70	nq	99
83) Bis(2-ethylhexyl)phthalate	16.09	149	244807	29.44	nq	# 93
84) Di-n-octyl phthalate	16.90	149	427012	30.03	nq	99
85) Indeno(1,2,3-cd)pyrene	19.19	276	458693m	31.14	nq	
87) Benzo(b)fluoranthene	17.33	252	442091	31.98	nq	98
88) Benzo(k)fluoranthene	17.37	252	371718	34.43	nq	# 96
89) Benzo(a)pyrene	17.72	252	395549	34.30	nq	# 97
90) Dibenzo(a,h)anthracene	19.22	278	371527	32.48	nq	99
91) Benzo(g,h,i)perylene	19.61	276	380489	32.67	nq	96

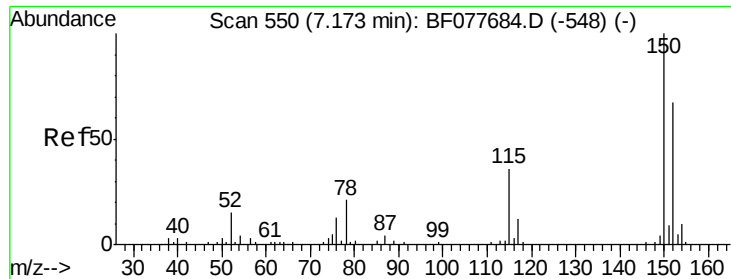
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial  : 4      Sample Multiplier: 1
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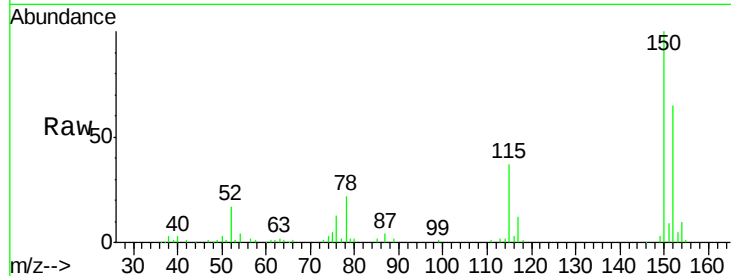


#1

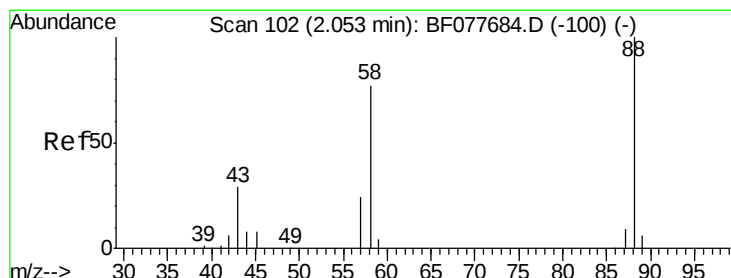
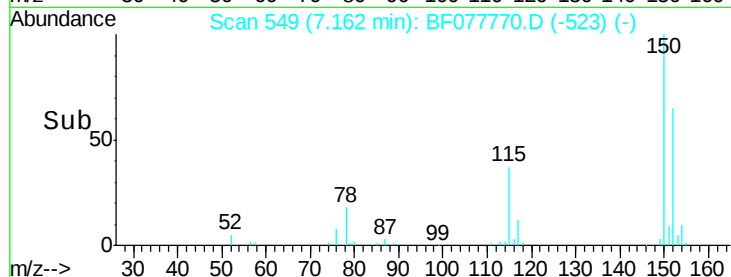
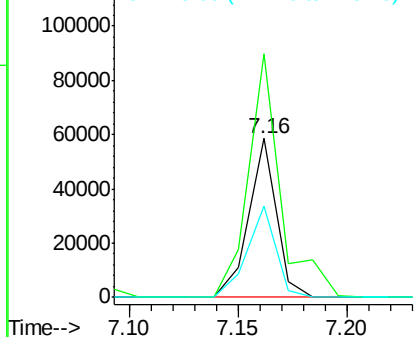
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.16 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF077770.D
Acq: 17 Mar 2015 14:11

Instrument :
BNA_F
ClientSampleId :
PB82120BSD

Tot Ion:152 Resp: 51459
Ion Ratio Lower Upper
152 100
150 153.5 119.5 179.3
115 57.3 43.0 64.4



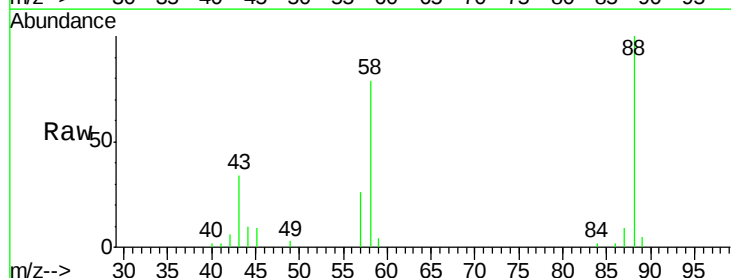
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



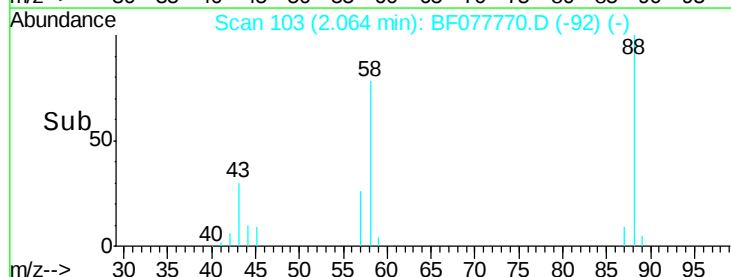
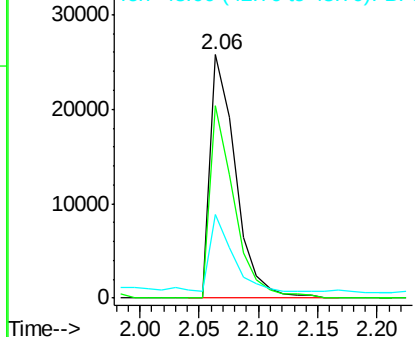
#2

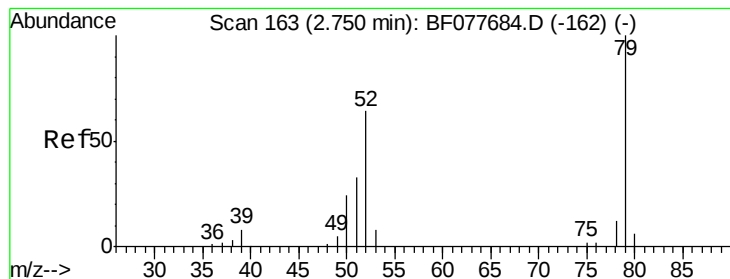
1,4-Dioxane
Concen: 28.48 ng
RT: 2.06 min Scan# 103
Delta R.T. 0.02 min
Lab File: BF077770.D
Acq: 17 Mar 2015 14:11

Tgt Ion: 88 Resp: 38115
Ion Ratio Lower Upper
88 100
58 75.9 0.0 0.0#
43 27.5 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 26.63 ng

RT: 2.76 min Scan# 164

Delta R.T. 0.03 min

Lab File: BF077770.D

Acq: 17 Mar 2015 14:11

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

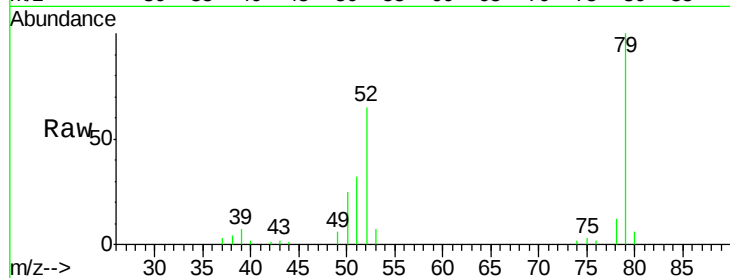
Tot Ion: 79 Resp: 95782

Ion Ratio Lower Upper

79 100

52 64.9 51.1 76.7

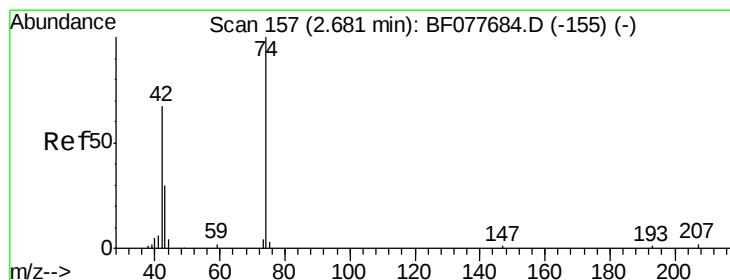
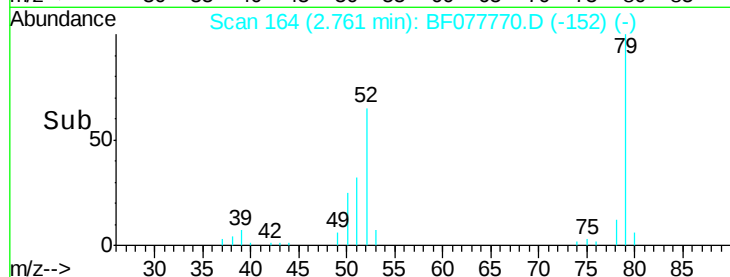
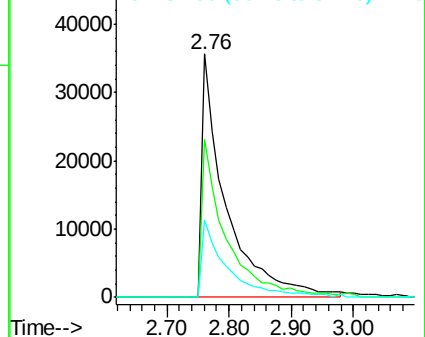
51 31.7 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 30.19 ng

RT: 2.68 min Scan# 157

Delta R.T. 0.02 min

Lab File: BF077770.D

Acq: 17 Mar 2015 14:11

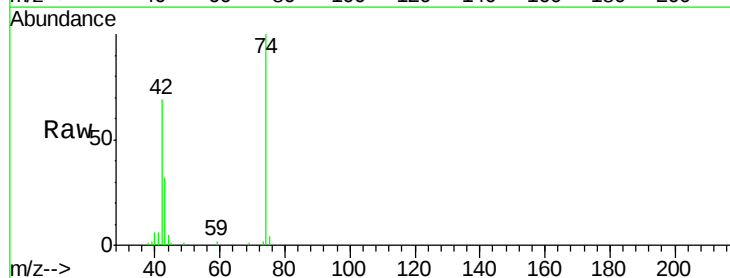
Tgt Ion: 42 Resp: 47277

Ion Ratio Lower Upper

42 100

74 144.7 119.3 178.9

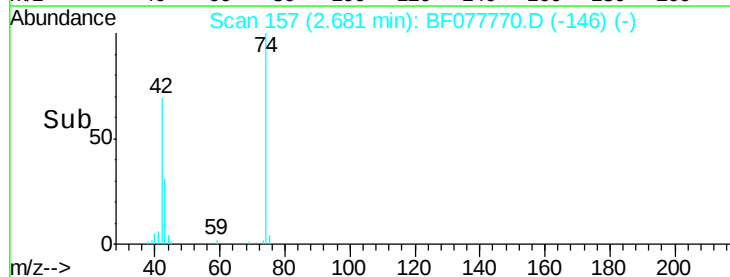
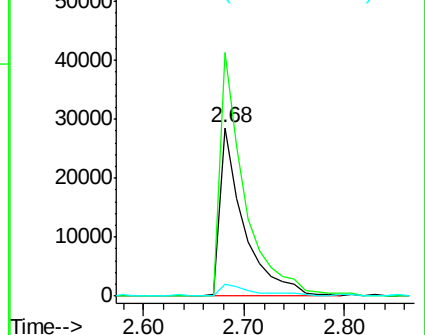
44 7.1 5.4 8.2



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 105.40 ng

RT: 5.45 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF077770.D

Acq: 17 Mar 2015 14:11

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

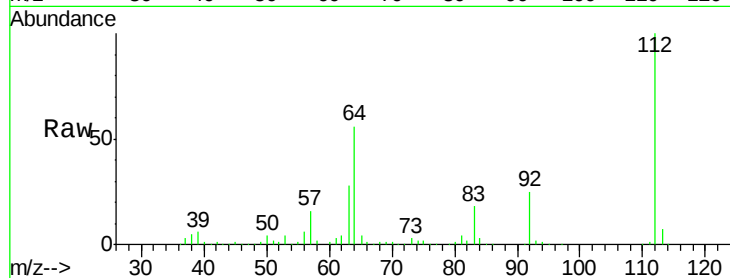
Tot Ion:112 Resp: 310735

Ion Ratio Lower Upper

112 100

64 55.6 38.6 57.8

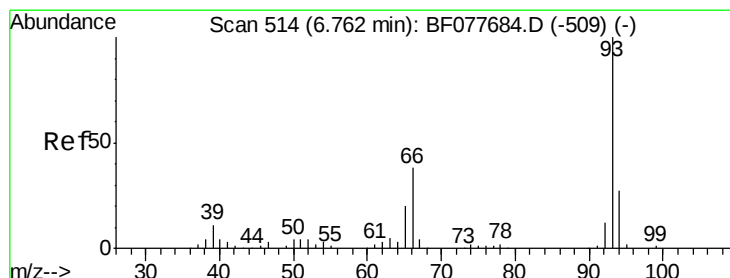
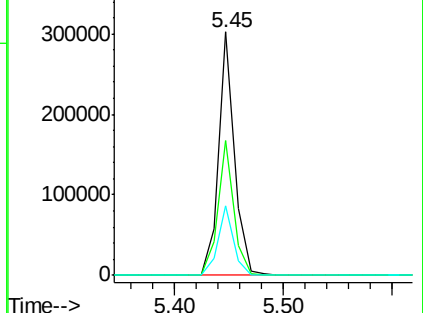
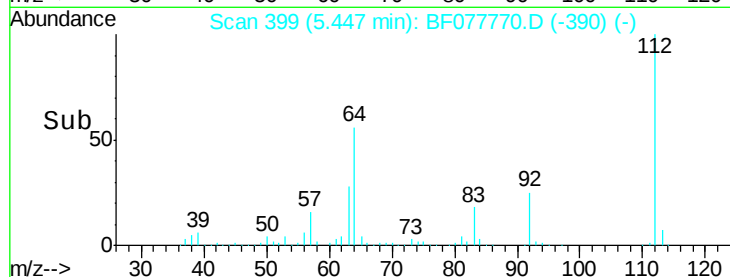
63 28.4 19.3 28.9



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: 18.22 ng

RT: 6.75 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF077770.D

Acq: 17 Mar 2015 14:11

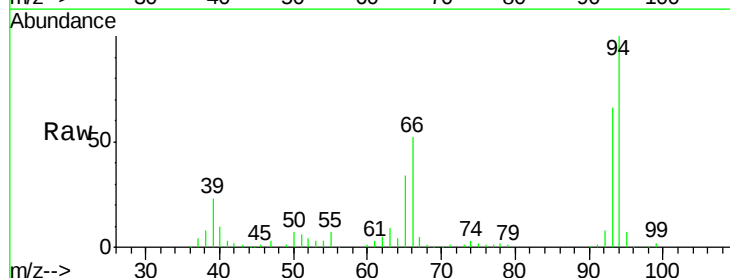
Tgt Ion: 93 Resp: 94950

Ion Ratio Lower Upper

93 100

66 79.3 30.8 46.2#

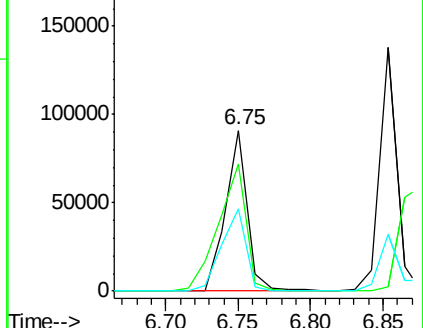
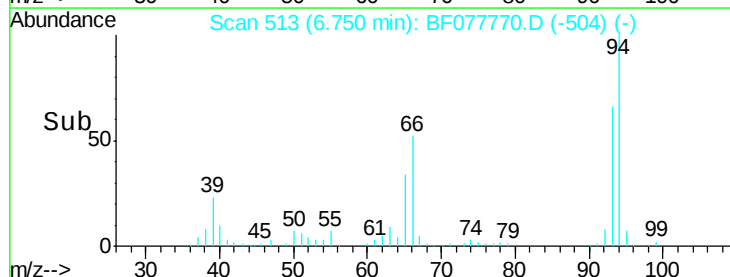
65 51.6 16.0 24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 103.89 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077770.D

Acq: 17 Mar 2015 14:11

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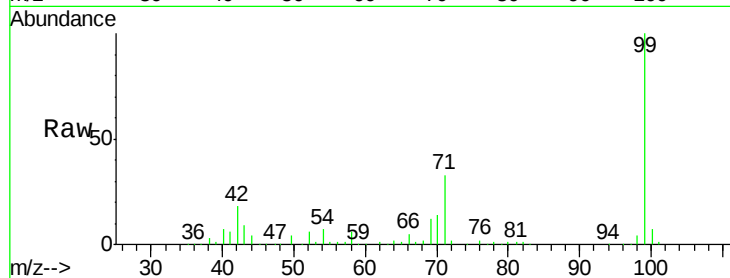
Tot Ion: 99 Resp: 378412

Ion Ratio Lower Upper

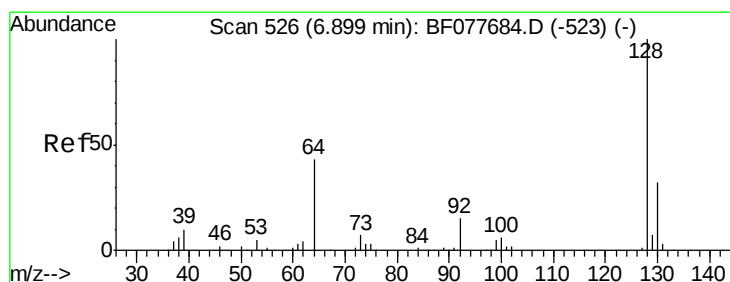
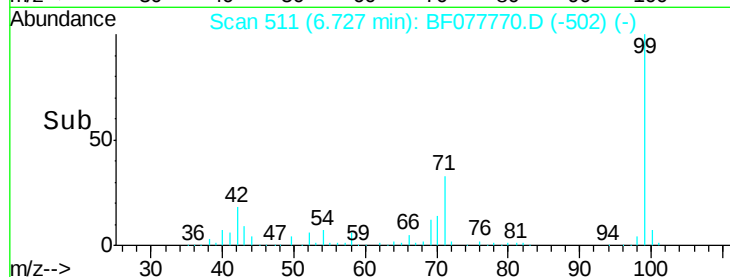
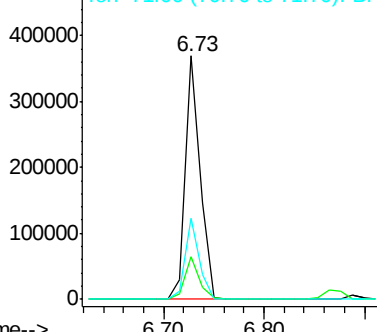
99 100

42 17.5 11.0 16.4#

71 33.2 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: 33.79 ng

RT: 6.89 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF077770.D

Acq: 17 Mar 2015 14:11

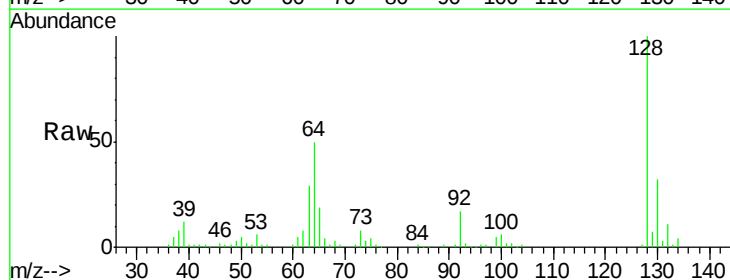
Tgt Ion: 128 Resp: 118568

Ion Ratio Lower Upper

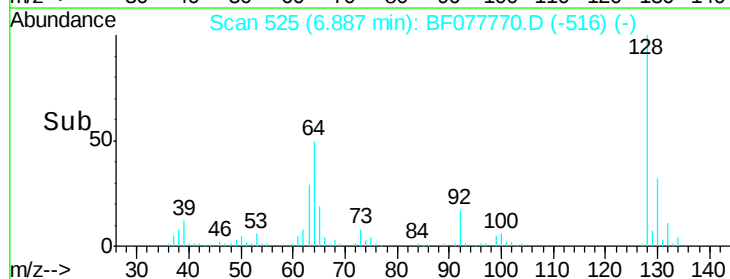
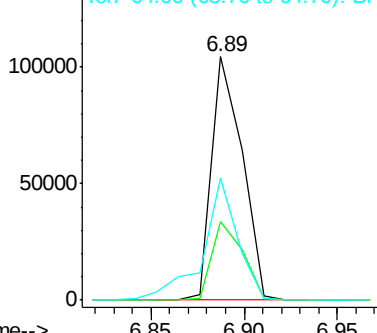
128 100

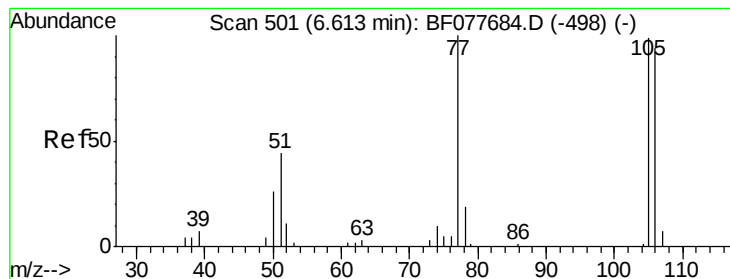
130 32.0 12.0 52.0

64 50.0 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: 5.87 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF077770.D

Acq: 17 Mar 2015 14:11

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PB82120BSD

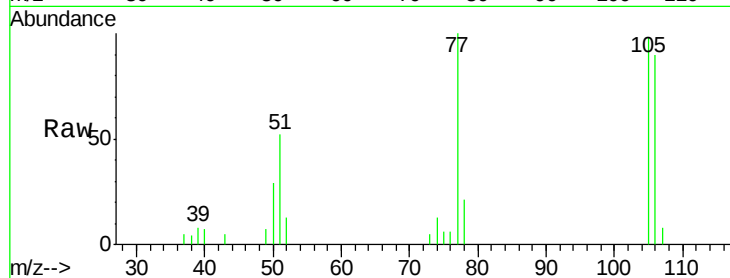
Tot Ion: 77 Resp: 8763

Ion Ratio Lower Upper

77 100

105 98.3 78.8 118.8

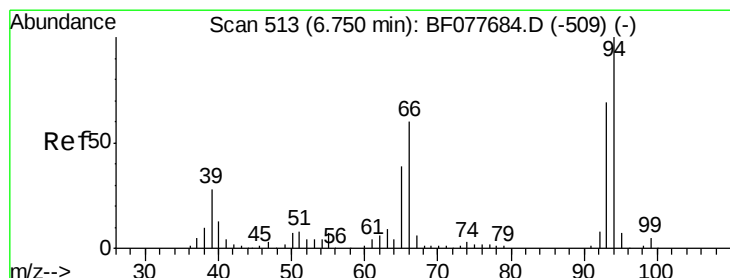
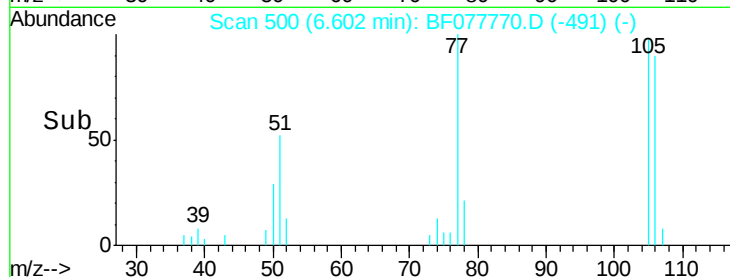
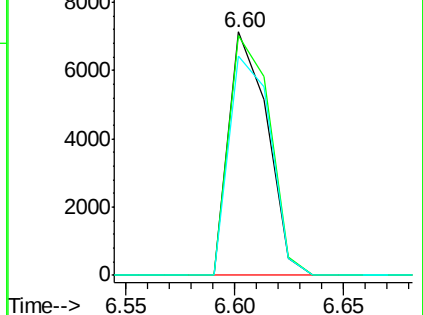
106 90.0 73.7 113.7



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: 33.34 ng

RT: 6.75 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF077770.D

Acq: 17 Mar 2015 14:11

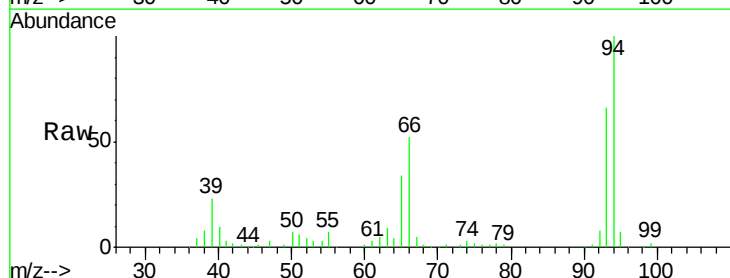
Tgt Ion: 94 Resp: 143556

Ion Ratio Lower Upper

94 100

65 34.1 18.8 58.8

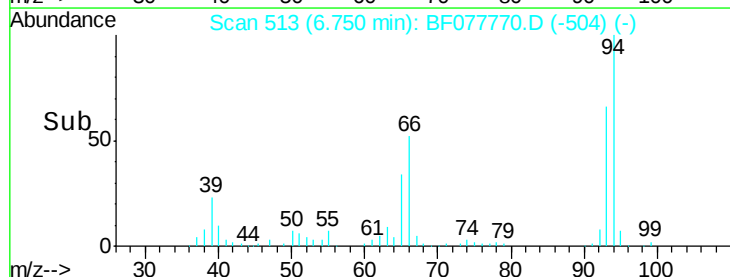
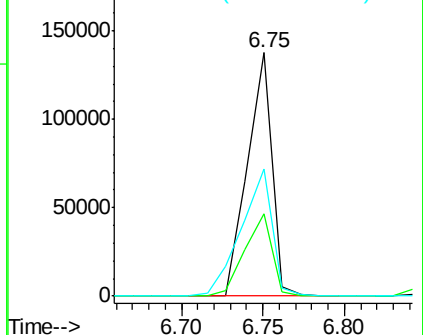
66 52.3 39.9 79.9

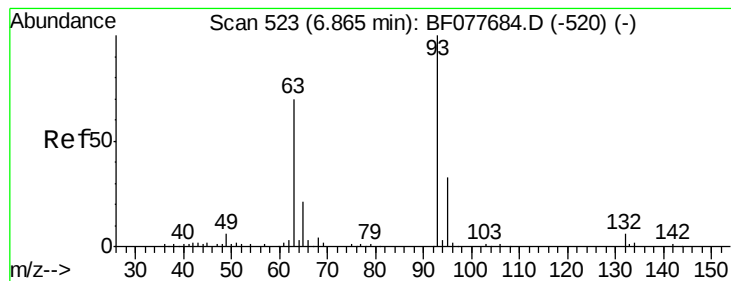


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

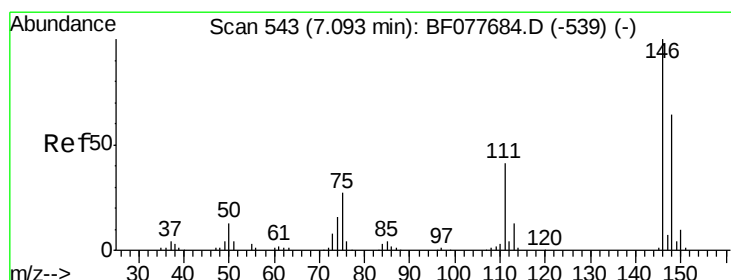
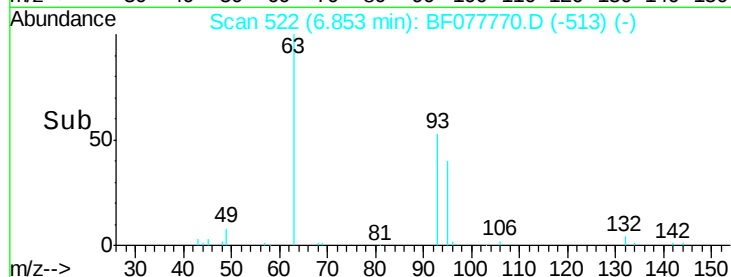
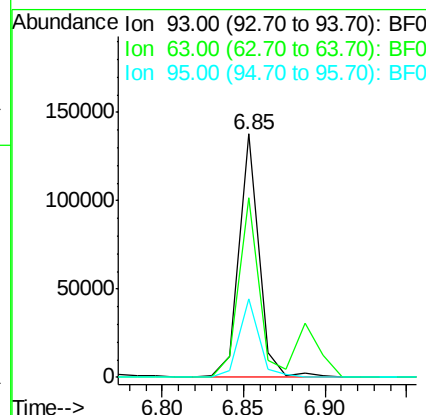
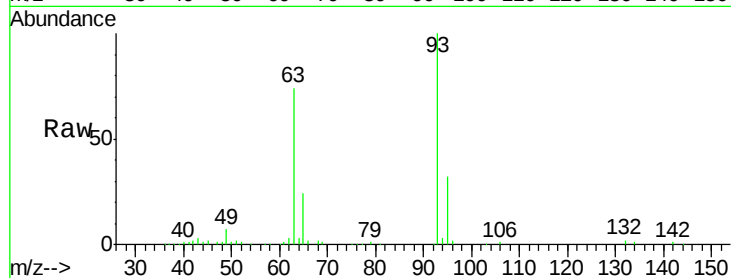




#11
bis(2-Chloroethyl)ether
Concen: 35.83 ng
RT: 6.85 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF077770.D
Acq: 17 Mar 2015 14:11

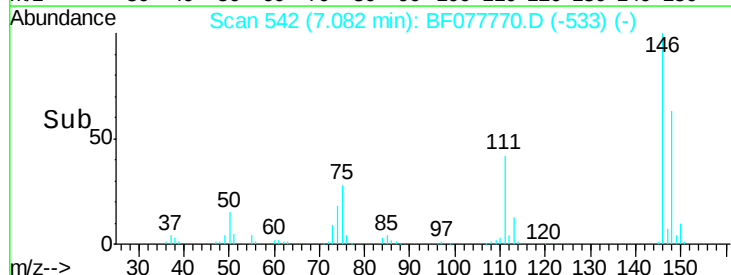
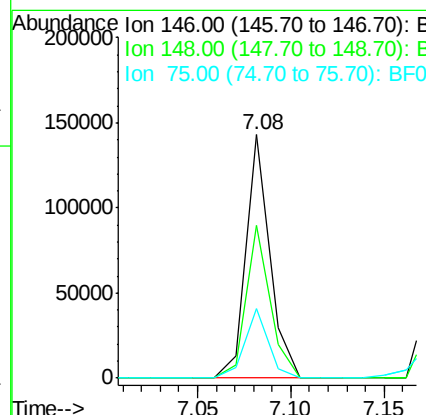
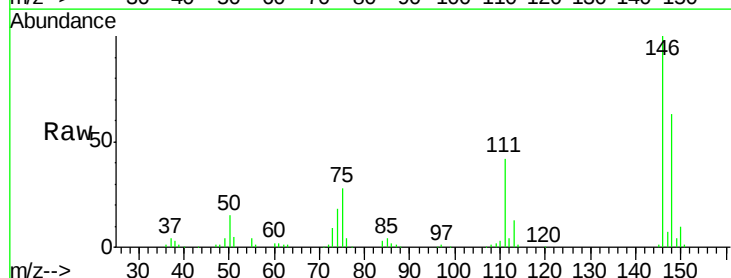
Instrument :
BNA_F
ClientSampleId :
PB82120BSD

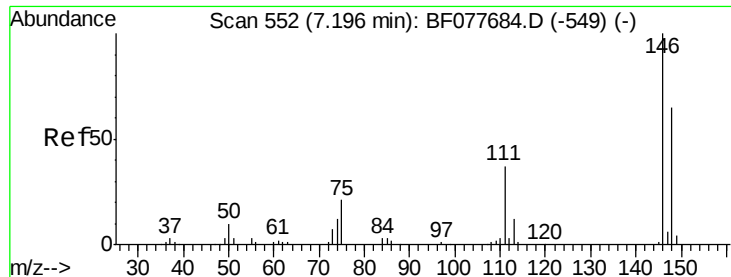
Tot Ion: 93 Resp: 115551
Ion Ratio Lower Upper
93 100
63 73.7 49.5 89.5
95 32.3 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 32.77 ng
RT: 7.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF077770.D
Acq: 17 Mar 2015 14:11

Tgt Ion: 146 Resp: 127892
Ion Ratio Lower Upper
146 100
148 62.6 50.9 76.3
75 28.5 21.4 32.2

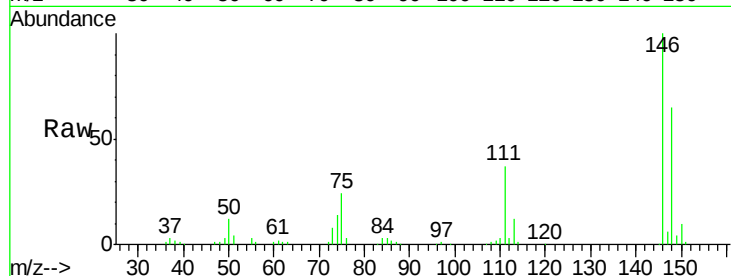




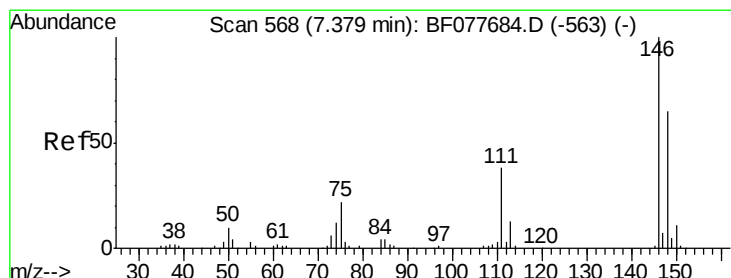
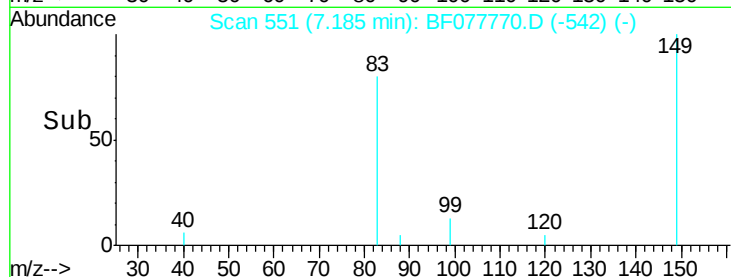
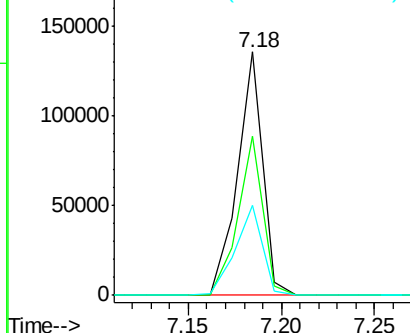
#13
 1,4-Dichlorobenzene
 Concen: 31.62 ng
 RT: 7.18 min Scan# 551
 Delta R.T. 0.00 min
 Lab File: BF077770.D
 Acq: 17 Mar 2015 14:11

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

Tot Ion:146 Resp: 128218
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.9 77.9
 111 37.2 29.2 43.8

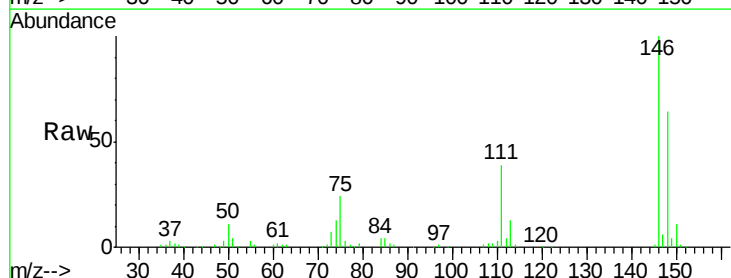


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

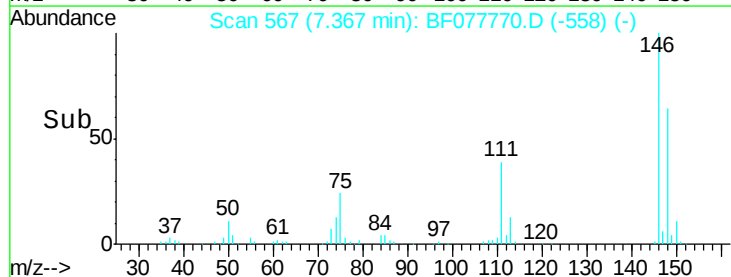
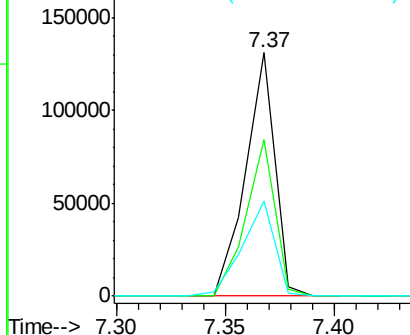


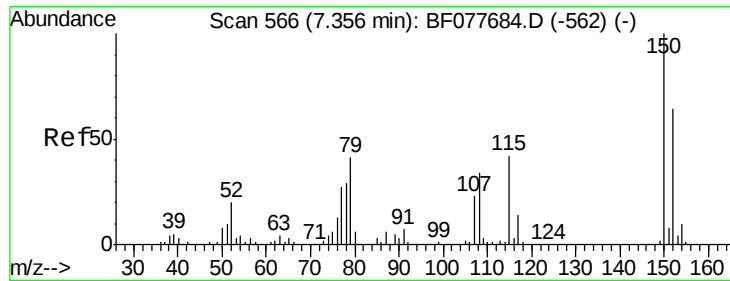
#14
 1,2-Dichlorobenzene
 Concen: 32.89 ng
 RT: 7.37 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF077770.D
 Acq: 17 Mar 2015 14:11

Tgt Ion:146 Resp: 122294
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.3 78.5
 111 39.1 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

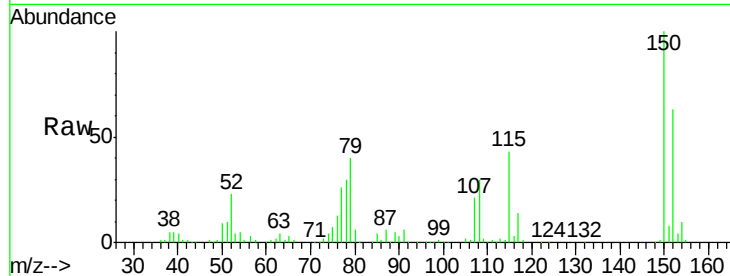




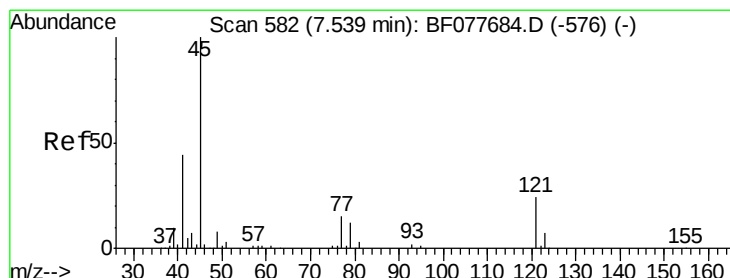
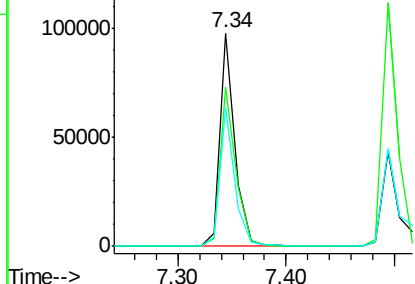
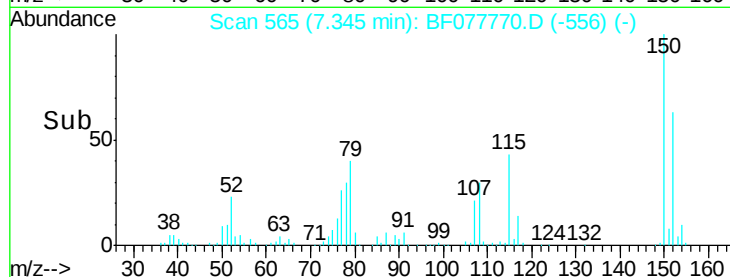
#15
Benzyl Alcohol
Concen: 32.76 ng
RT: 7.34 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF077770.D
Acq: 17 Mar 2015 14:11

Instrument :
BNA_F
ClientSampleId :
PB82120BSD

Tot Ion: 79 Resp: 93144
Ion Ratio Lower Upper
79 100
108 74.4 65.0 97.4
77 64.9 53.0 79.6

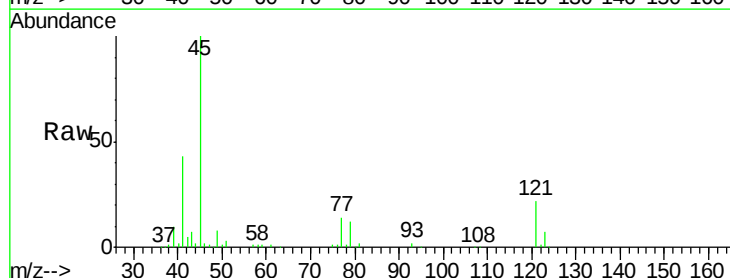


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

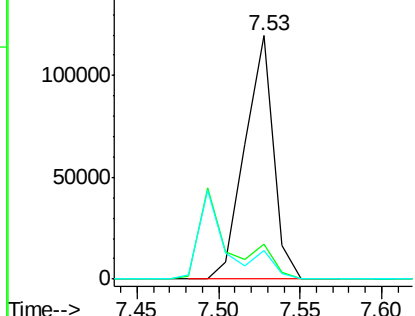
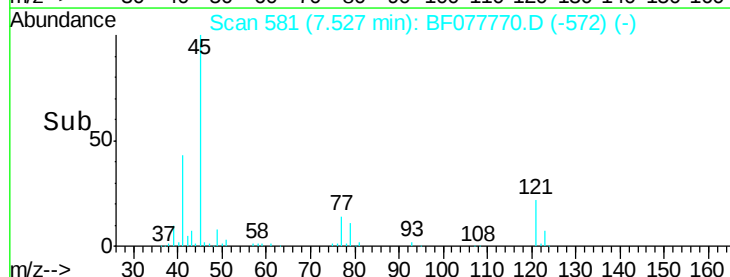


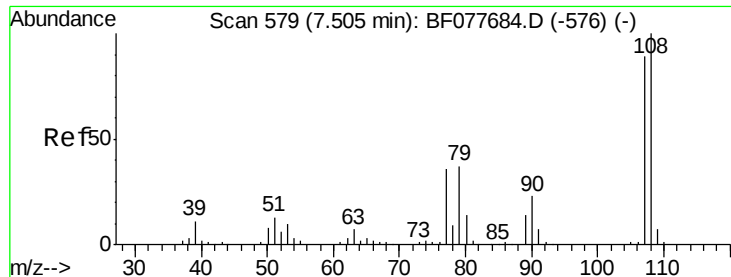
#16
2,2'-oxybis(1-chloropropane)
Concen: 33.37 ng
RT: 7.53 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF077770.D
Acq: 17 Mar 2015 14:11

Tgt Ion: 45 Resp: 145027
Ion Ratio Lower Upper
45 100
77 14.3 0.0 35.2
79 11.5 0.0 32.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

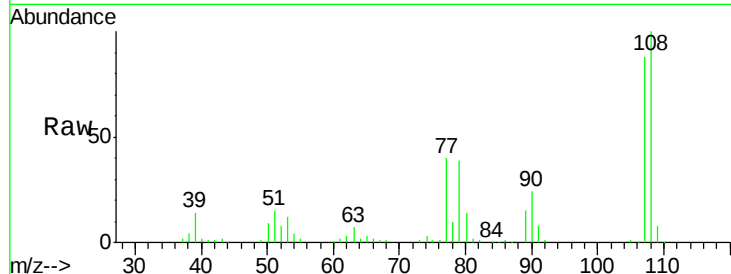




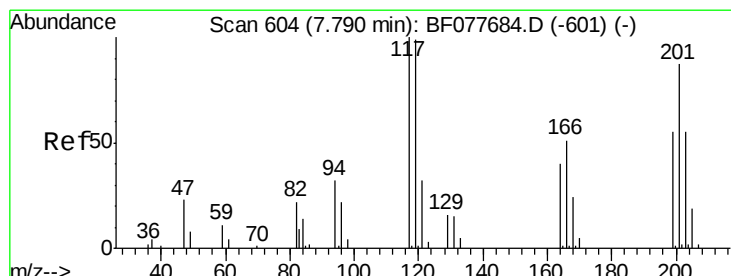
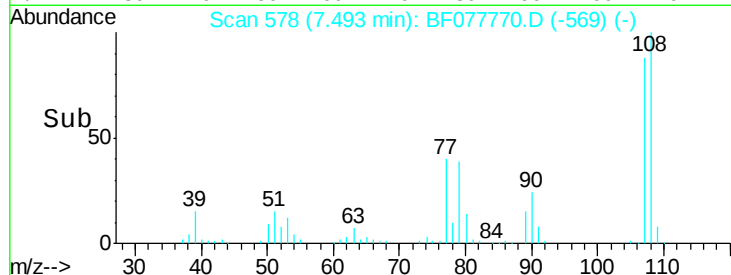
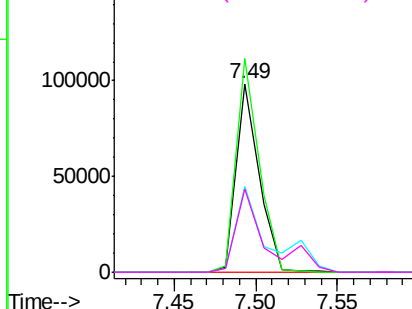
#17
2-Methylphenol
Concen: 33.31 ng
RT: 7.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF077770.D
Acq: 17 Mar 2015 14:11

Instrument :
BNA_F
ClientSampleId :
PB82120BSD

Tot Ion:107 Resp: 95158
Ion Ratio Lower Upper
107 100
108 113.3 89.8 134.8
77 45.6 32.6 48.8
79 44.2 32.8 49.2

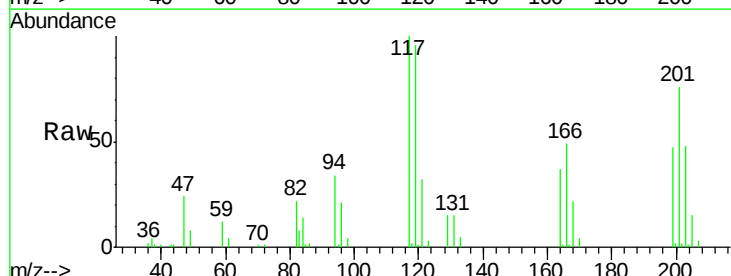


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

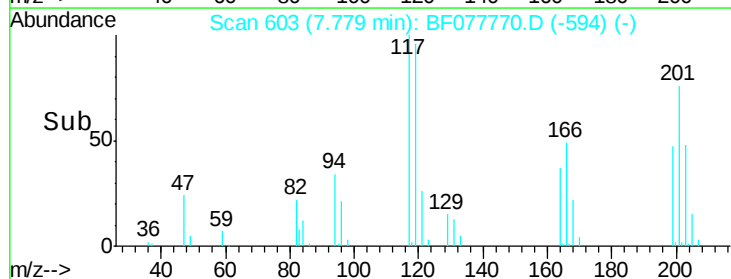
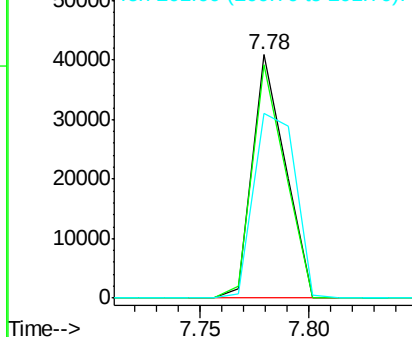


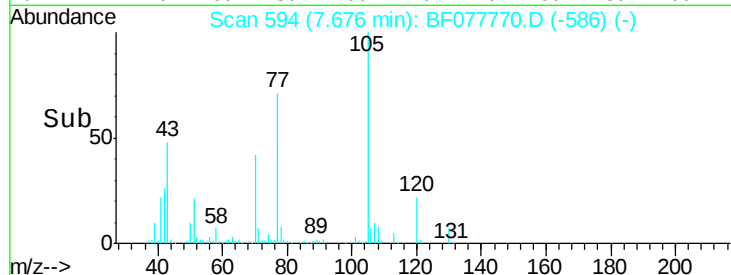
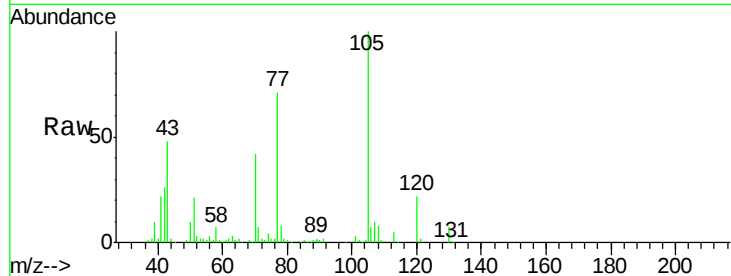
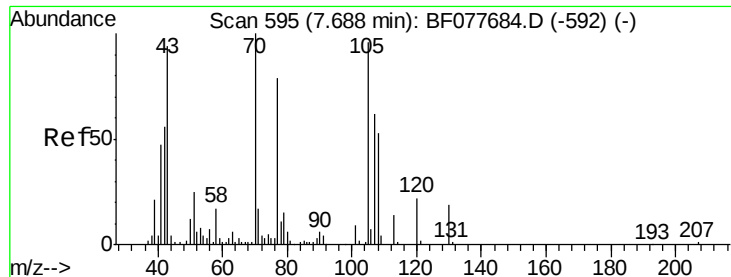
#18
Hexachloroethane
Concen: 32.31 ng
RT: 7.78 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF077770.D
Acq: 17 Mar 2015 14:11

Tgt Ion:117 Resp: 42970
Ion Ratio Lower Upper
117 100
119 95.8 79.2 118.8
201 76.1 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

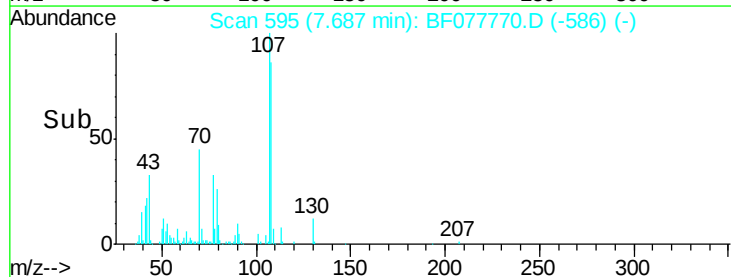
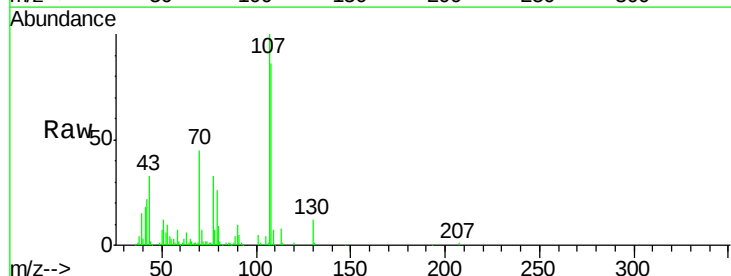
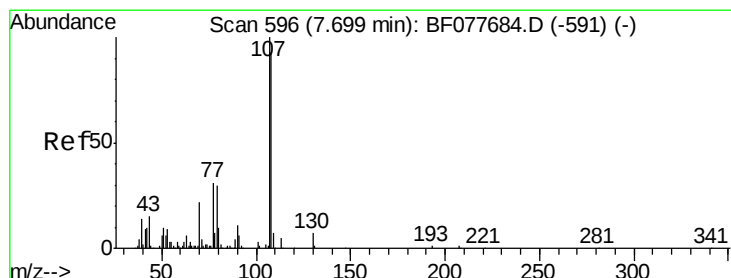
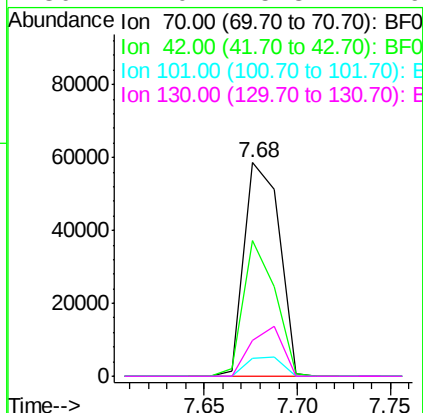




#19
n-Nitroso-di-n-propylamine
Concen: 30.48 ng
RT: 7.68 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF077770.D
Acq: 17 Mar 2015 14:11

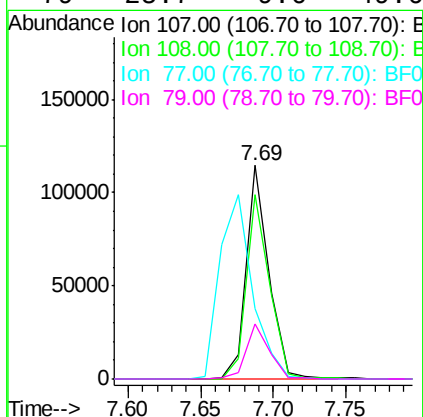
Instrument :
BNA_F
ClientSampleId :
PB82120BSD

Tot Ion: 70 Resp: 76791
Ion Ratio Lower Upper
70 100
42 63.4 44.5 66.7
101 8.2 7.4 11.2
130 17.0 15.3 22.9



#20
3+4-Methylphenols
Concen: 32.91 ng
RT: 7.69 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF077770.D
Acq: 17 Mar 2015 14:11

Tgt Ion:107 Resp: 123351
Ion Ratio Lower Upper
107 100
108 86.5 73.2 113.2
77 33.1 10.7 50.7
79 25.7 9.6 49.6

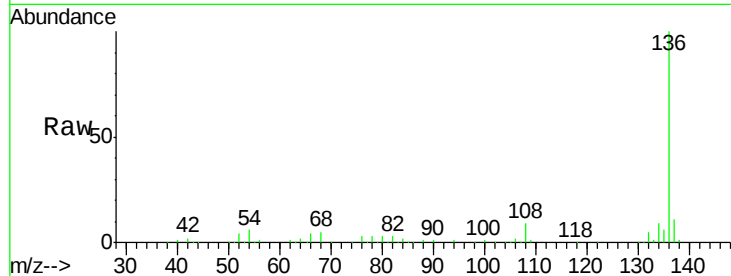




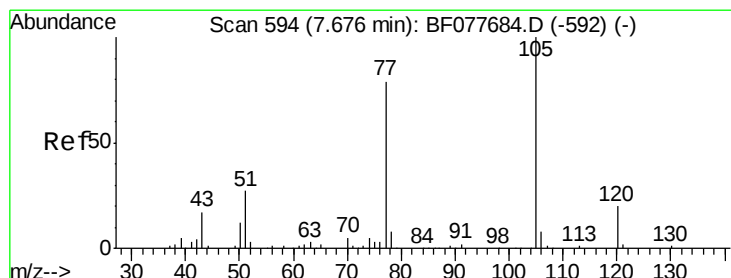
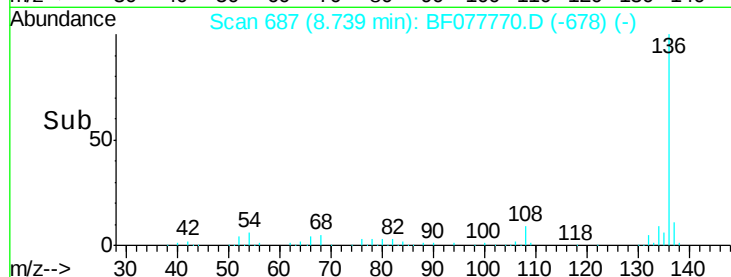
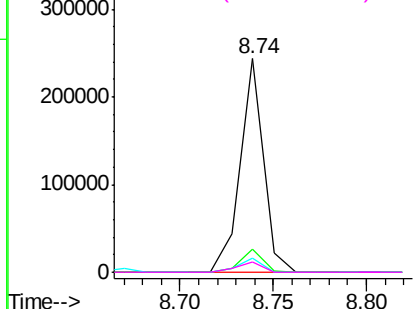
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF077770.D
Acq: 17 Mar 2015 14:11

Instrument :
BNA_F
ClientSampleId :
PB82120BSD

Tot Ion:136	Resp:	212330
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.7	13.1
54 6.4	4.6	6.8
68 5.1	3.7	5.5

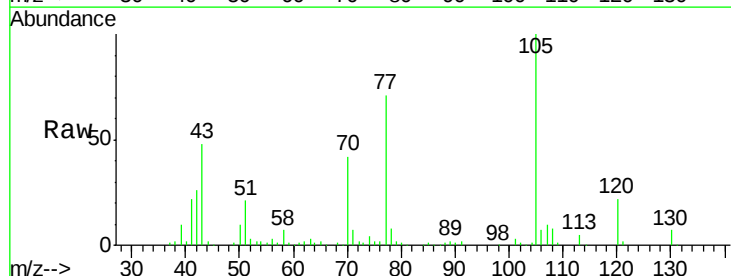


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

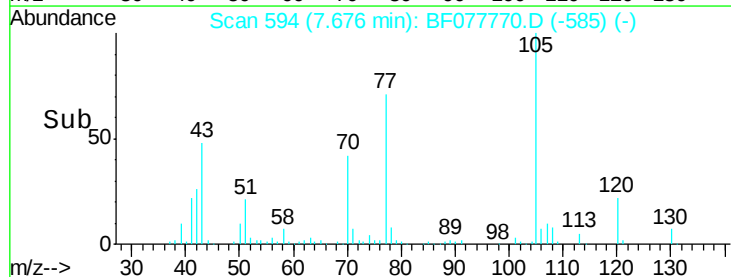
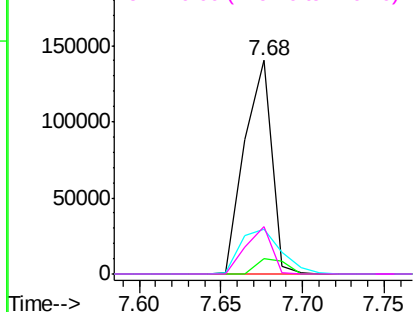


#22
Acetophenone
Concen: 34.42 ng
RT: 7.68 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF077770.D
Acq: 17 Mar 2015 14:11

Tgt	Ion:105	Resp:	161774
Ion	Ratio	Lower	Upper
105	100		
71	7.0	0.6	1.0#
51	21.0	21.6	32.4#
120	22.4	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

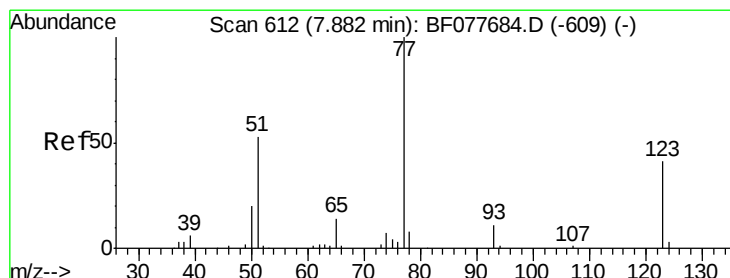
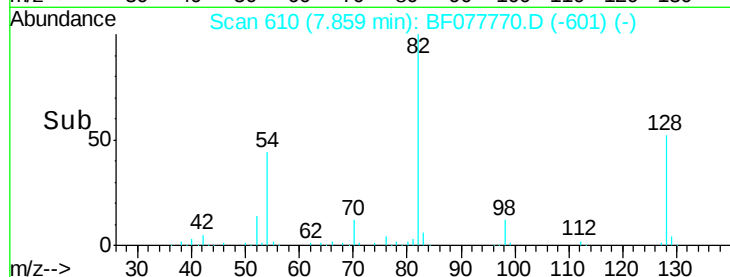
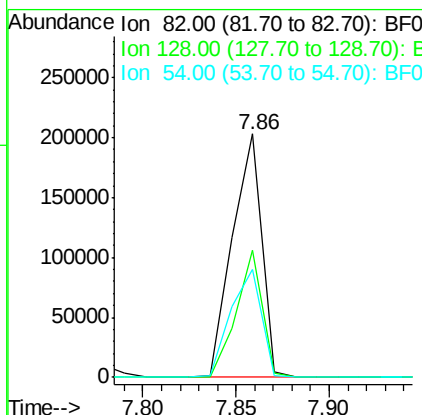
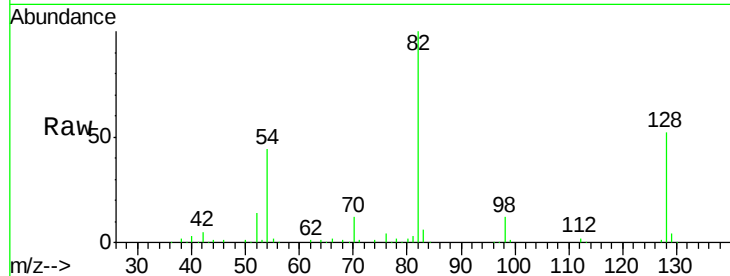




#23
Nitrobenzene-d5
Concen: 69.23 ng
RT: 7.86 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF077770.D
Acq: 17 Mar 2015 14:11

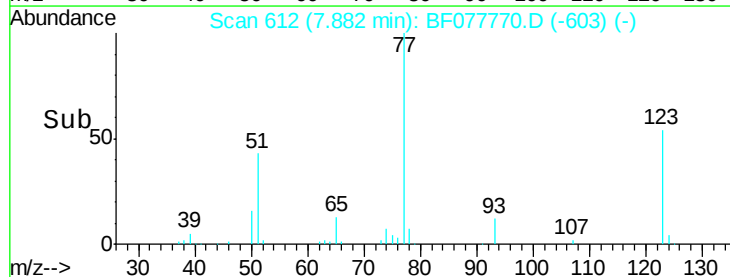
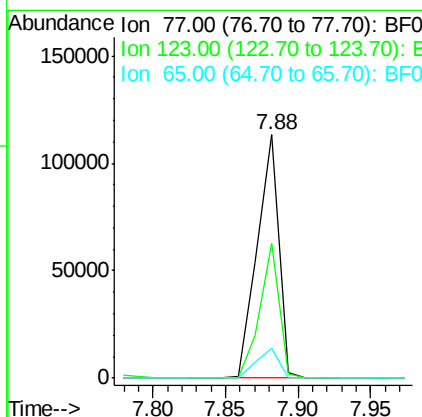
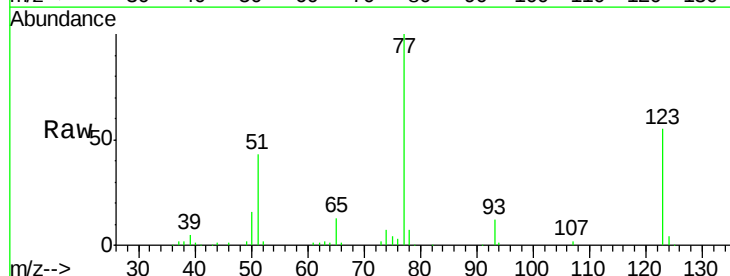
Instrument :
BNA_F
ClientSampleId :
PB82120BSD

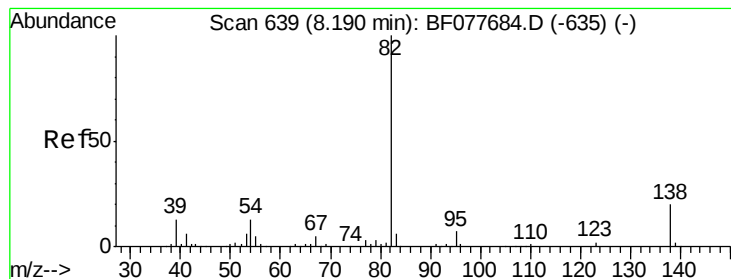
Tot Ion: 82 Resp: 224240
Ion Ratio Lower Upper
82 100
128 52.3 32.8 49.2#
54 44.5 40.6 60.8



#24
Nitrobenzene
Concen: 33.81 ng
RT: 7.88 min Scan# 612
Delta R.T. 0.00 min
Lab File: BF077770.D
Acq: 17 Mar 2015 14:11

Tgt Ion: 77 Resp: 117970
Ion Ratio Lower Upper
77 100
123 55.4 32.6 49.0#
65 12.5 10.9 16.3





#25

Isophorone

Concen: 32.16 ng

RT: 8.18 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF077770.D

Acq: 17 Mar 2015 14:11

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

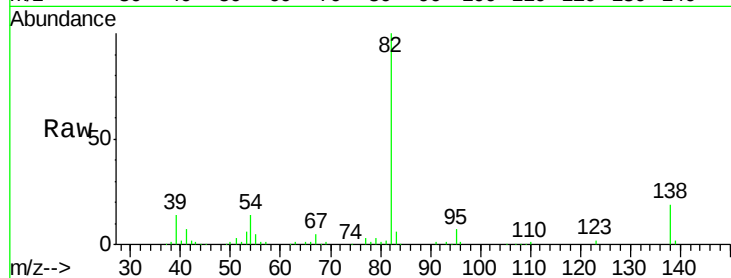
Tot Ion: 82 Resp: 210400

Ion Ratio Lower Upper

82 100

95 6.8 5.8 8.6

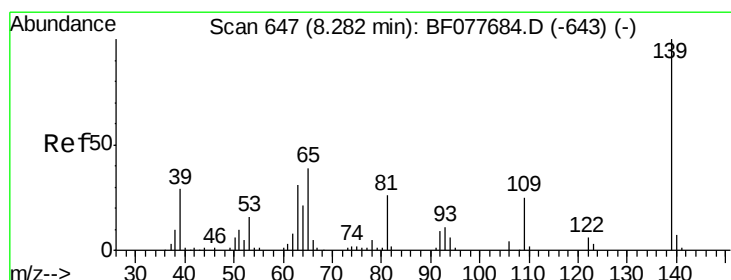
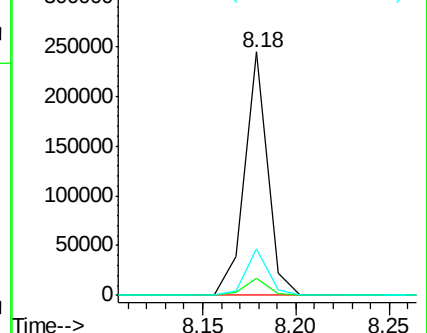
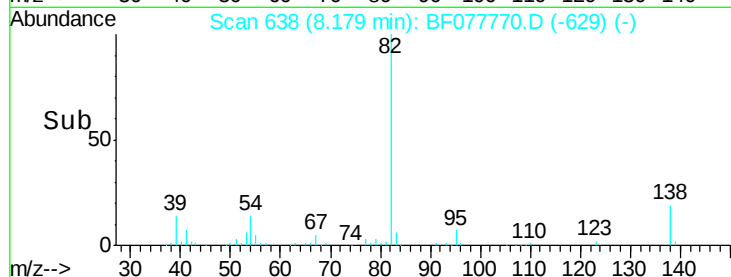
138 19.0 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 33.86 ng

RT: 8.27 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF077770.D

Acq: 17 Mar 2015 14:11

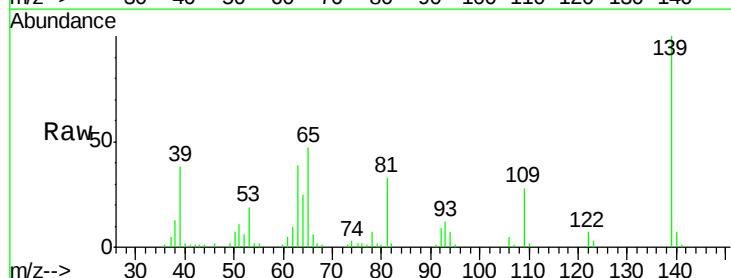
Tgt Ion: 139 Resp: 57845

Ion Ratio Lower Upper

139 100

109 28.0 20.1 30.1

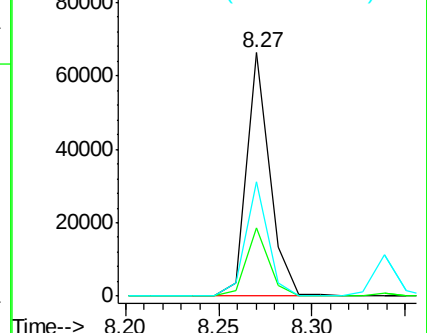
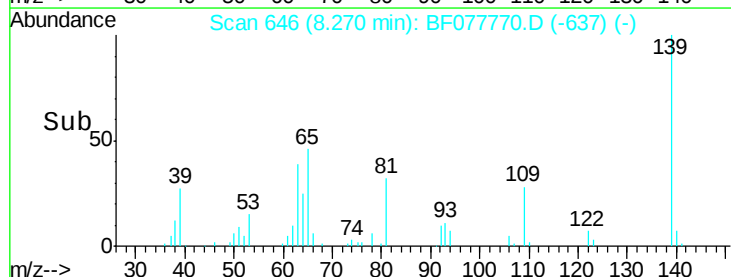
65 47.0 31.5 47.3



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





#27

2,4-Dimethylphenol

Concen: 33.90 ng

RT: 8.34 min Scan# 652

Delta R.T. 0.00 min

Lab File: BF077770.D

Acq: 17 Mar 2015 14:11

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

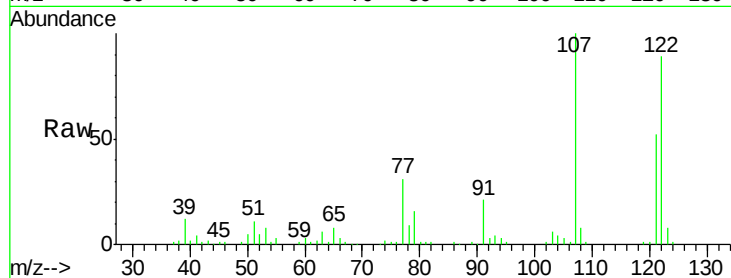
Tot Ion:122 Resp: 105508

Ion Ratio Lower Upper

122 100

107 112.8 84.7 127.1

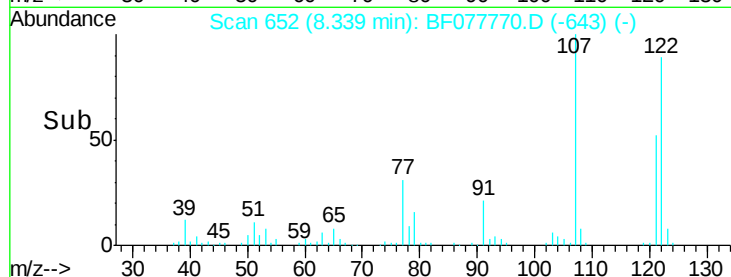
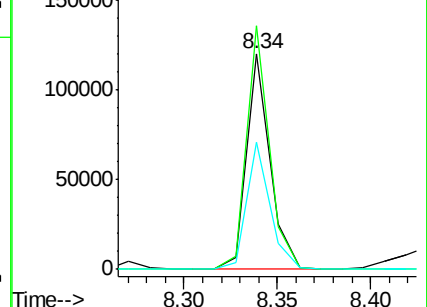
121 59.2 46.6 69.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.07 ng

RT: 8.46 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF077770.D

Acq: 17 Mar 2015 14:11

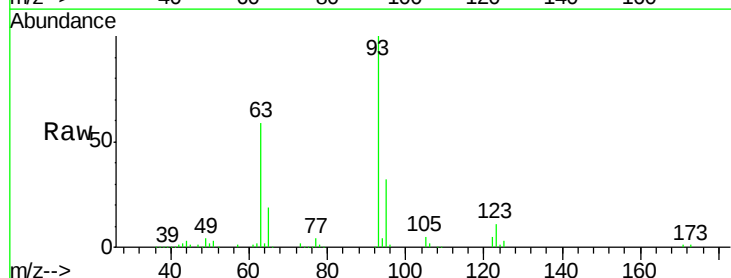
Tgt Ion: 93 Resp: 139239

Ion Ratio Lower Upper

93 100

95 32.1 25.5 38.3

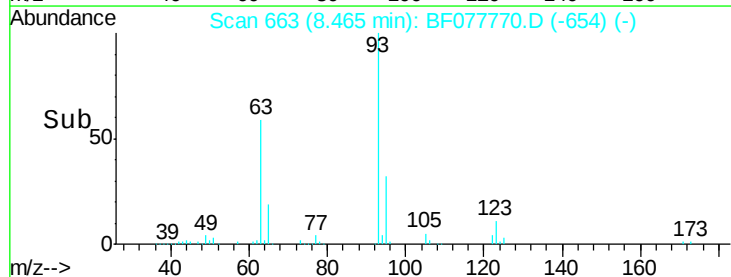
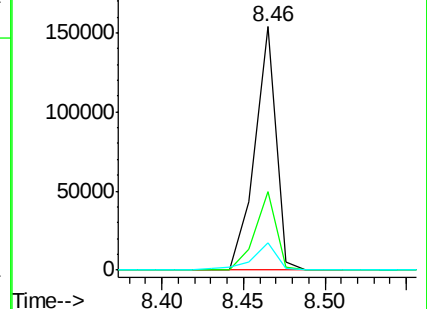
123 11.2 8.6 13.0

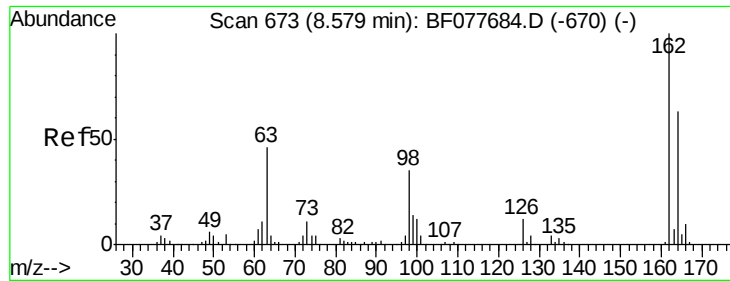


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

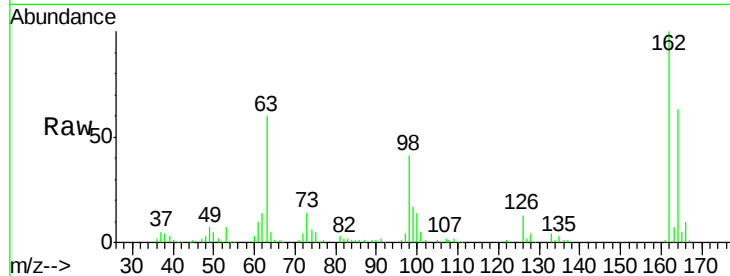




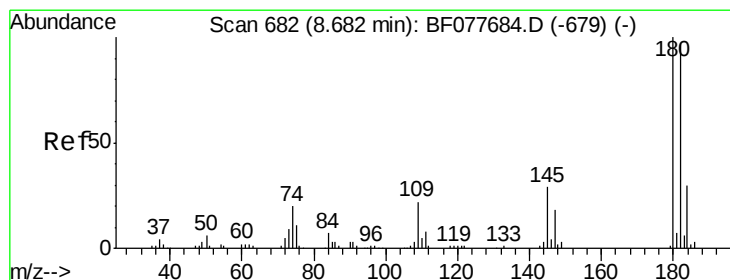
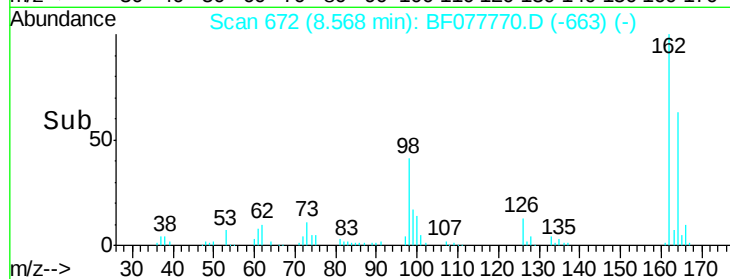
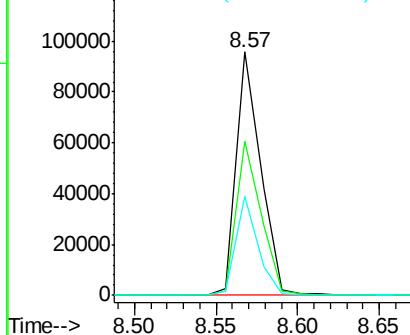
#29
2,4-Dichlorophenol
Concen: 33.31 ng
RT: 8.57 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF077770.D
Acq: 17 Mar 2015 14:11

Instrument :
BNA_F
ClientSampleId :
PB82120BSD

Tot Ion:162 Resp: 98833
Ion Ratio Lower Upper
162 100
164 63.2 42.8 82.8
98 40.7 14.5 54.5

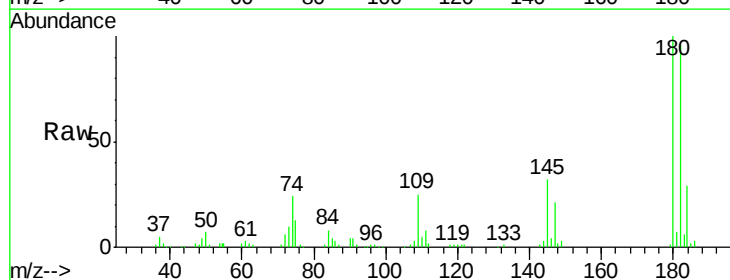


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

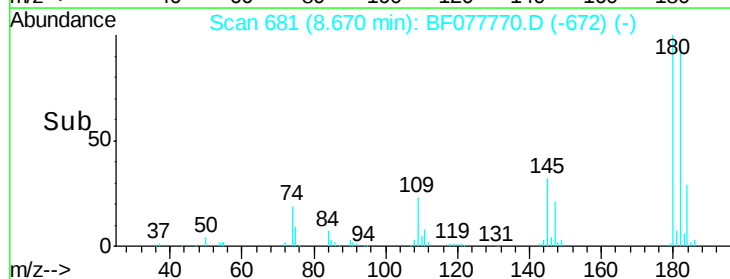
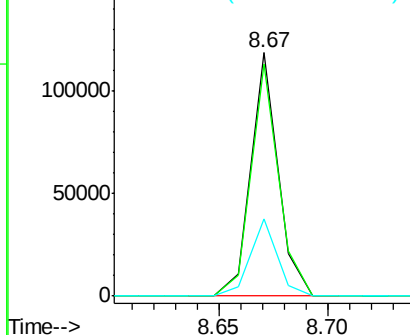


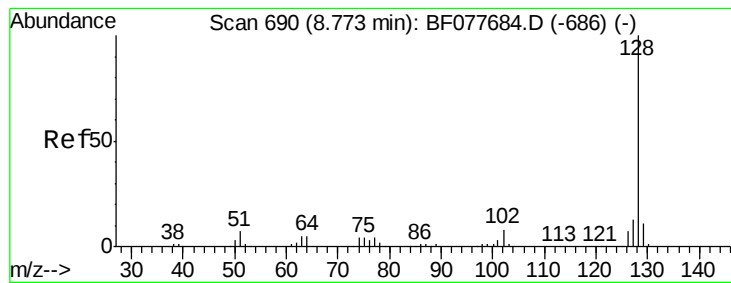
#30
1,2,4-Trichlorobenzene
Concen: 30.98 ng
RT: 8.67 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF077770.D
Acq: 17 Mar 2015 14:11

Tgt Ion:180 Resp: 102839
Ion Ratio Lower Upper
180 100
182 95.6 77.6 116.4
145 31.5 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: 31.56 ng

RT: 8.76 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF077770.D

Acq: 17 Mar 2015 14:11

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

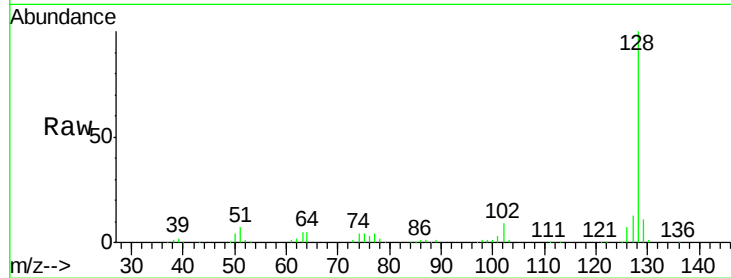
Tot Ion:128 Resp: 344157

Ion Ratio Lower Upper

128 100

129 10.6 8.9 13.3

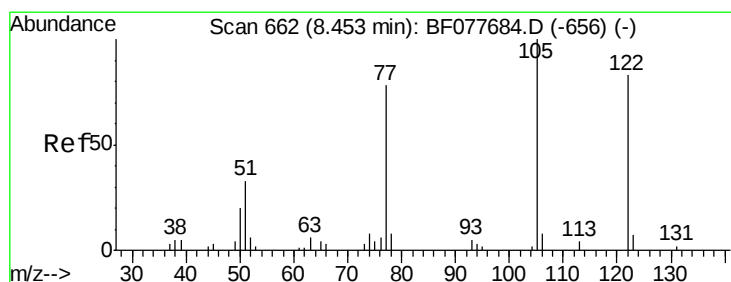
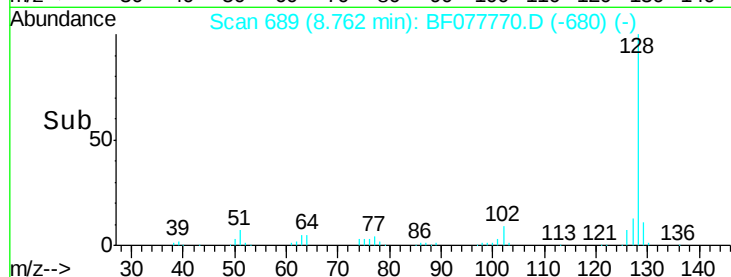
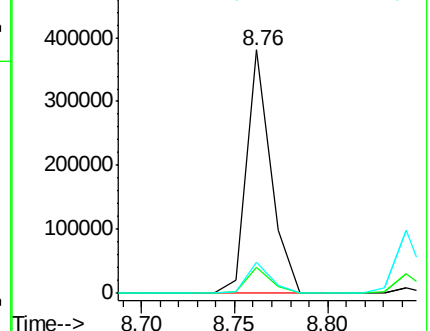
127 12.9 10.4 15.6



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: 33.71 ng

RT: 8.45 min Scan# 662

Delta R.T. -0.00 min

Lab File: BF077770.D

Acq: 17 Mar 2015 14:11

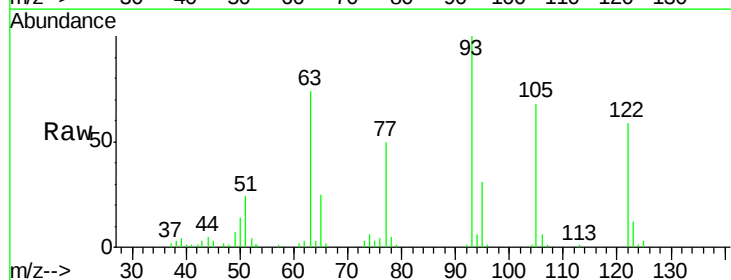
Tgt Ion:122 Resp: 56817

Ion Ratio Lower Upper

122 100

105 115.6 99.9 139.9

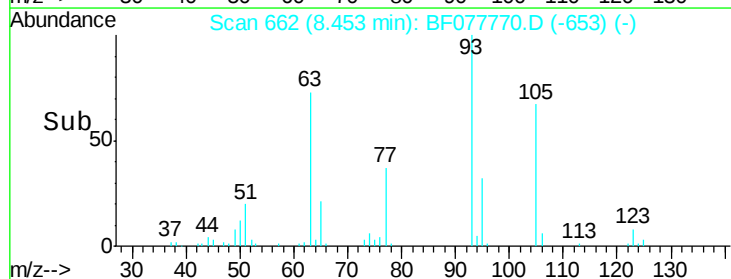
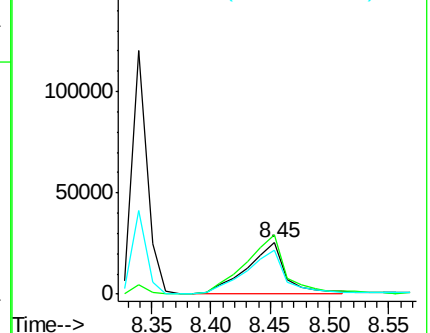
77 84.2 73.7 113.7

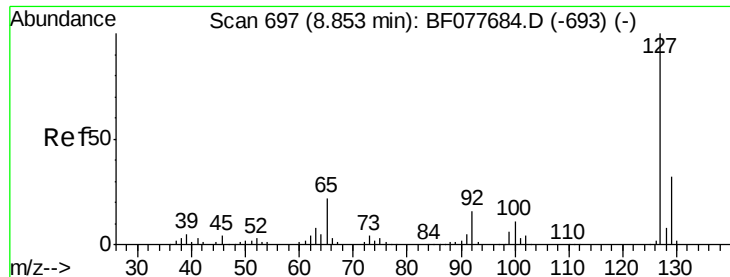


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

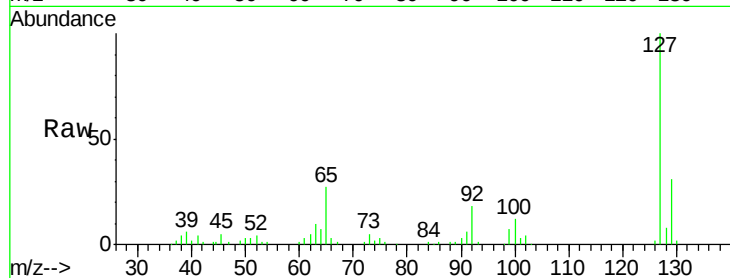




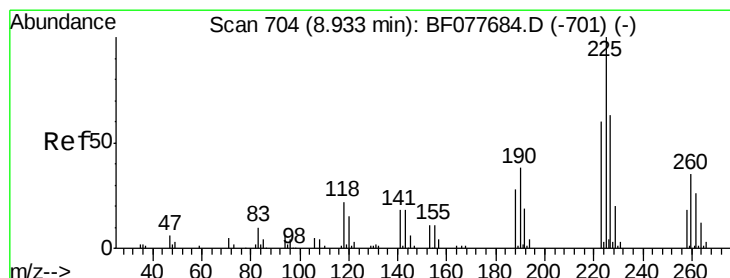
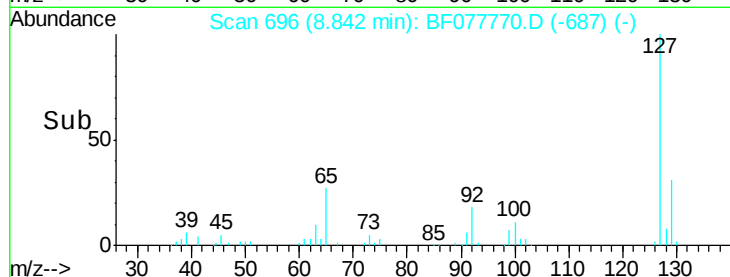
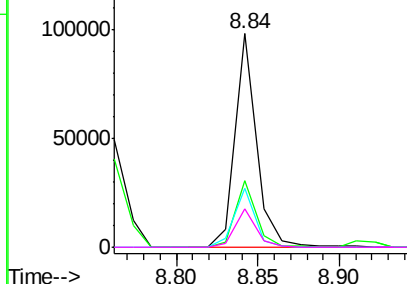
#33
4-Chloroaniline
Concen: 19.93 ng
RT: 8.84 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF077770.D
Acq: 17 Mar 2015 14:11

Instrument :
BNA_F
ClientSampled :
PB82120BSD

Tot Ion:	127	Resp:	88222
Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.3	37.9
65	27.3	17.6	26.4
92	17.9	13.1	19.7

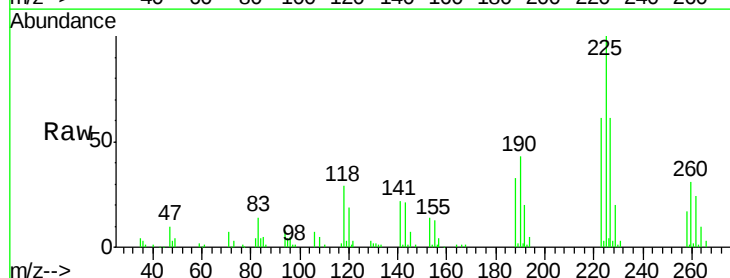


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

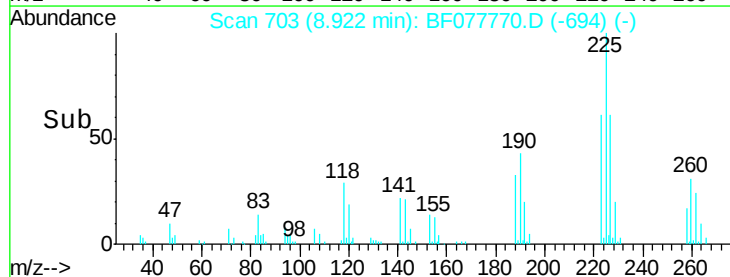
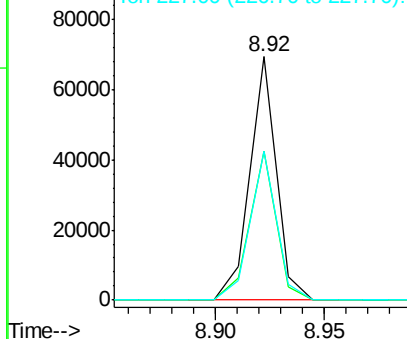


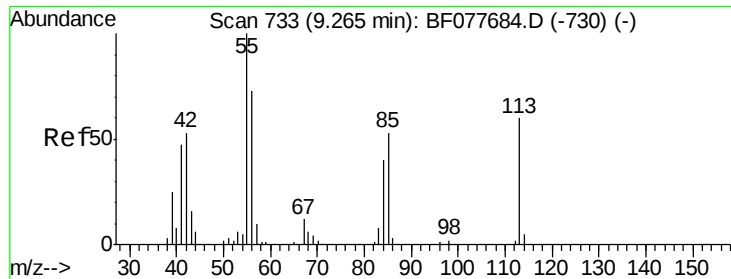
#34
Hexachlorobutadiene
Concen: 31.31 ng
RT: 8.92 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF077770.D
Acq: 17 Mar 2015 14:11

Tgt Ion:	225	Resp:	58899
Ion	Ratio	Lower	Upper
225	100		
223	61.0	47.9	71.9
227	61.4	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

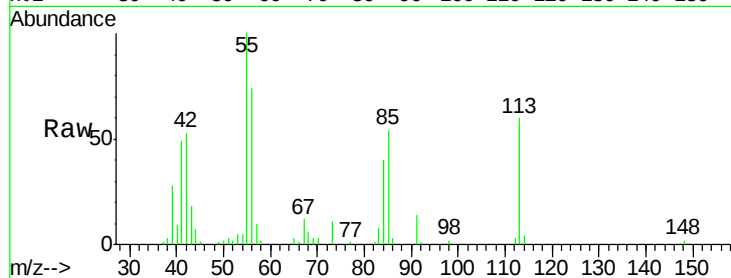




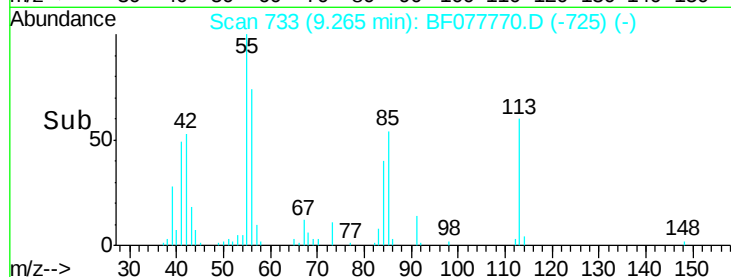
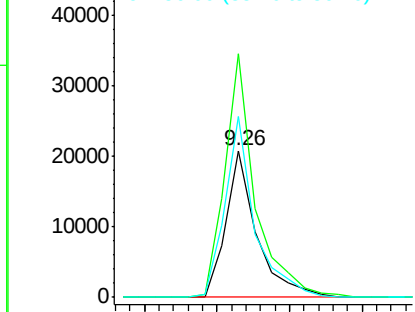
#35
 Caprolactam
 Concen: 35.32 ng
 RT: 9.26 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF077770.D
 Acq: 17 Mar 2015 14:11

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

Tot Ion:113 Resp: 30620
 Ion Ratio Lower Upper
 113 100
 55 165.9 145.9 185.9
 56 123.3 101.0 141.0

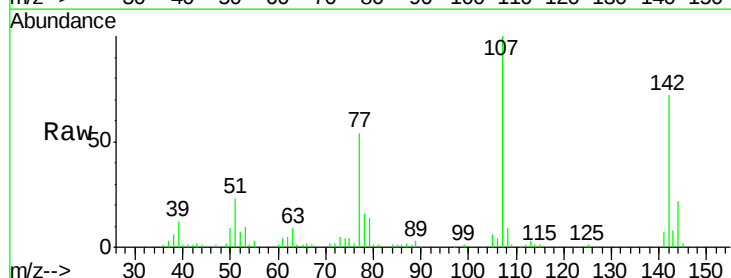


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

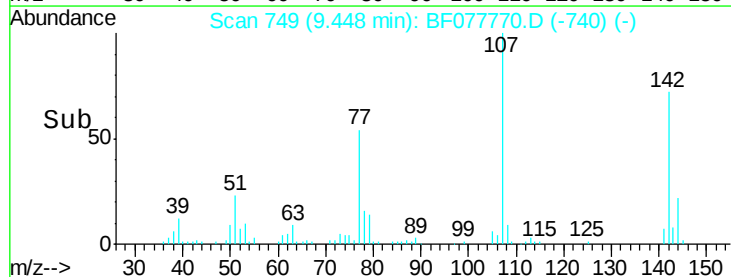
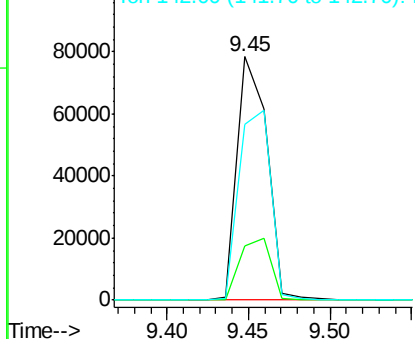


#36
 4-Chloro-3-methylphenol
 Concen: 33.28 ng
 RT: 9.45 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF077770.D
 Acq: 17 Mar 2015 14:11

Tgt Ion:107 Resp: 99348
 Ion Ratio Lower Upper
 107 100
 144 22.2 23.3 34.9#
 142 72.2 72.6 109.0#



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





#37

2-Methylnaphthalene

Concen: 32.20 ng

RT: 9.62 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF077770.D

Acq: 17 Mar 2015 14:11

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

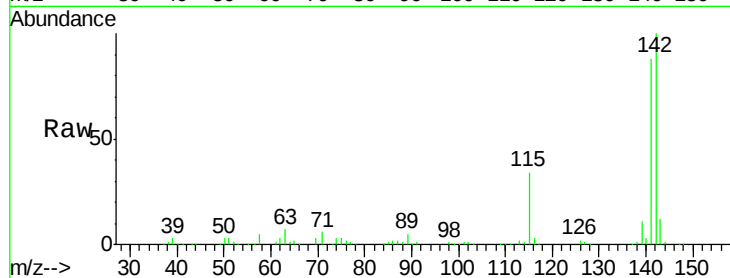
Tot Ion:142 Resp: 235886

Ion Ratio Lower Upper

142 100

141 88.2 71.9 107.9

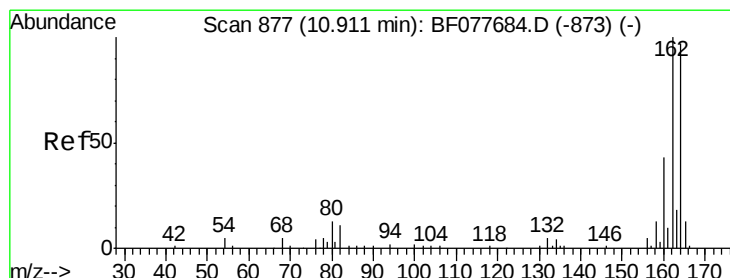
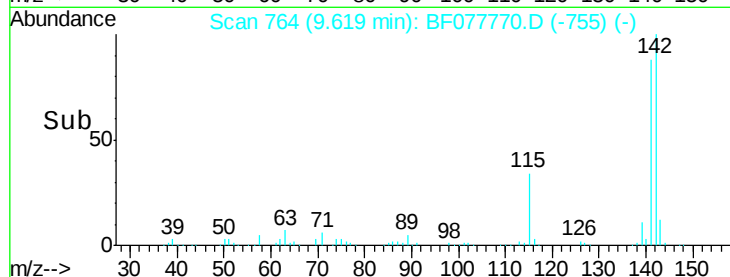
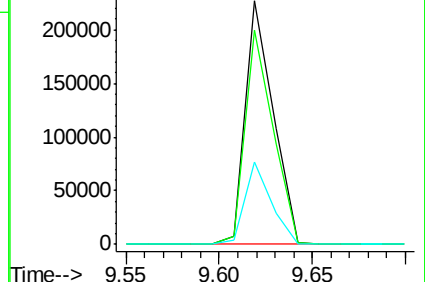
115 33.9 25.4 38.0



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: BF077770.D

Acq: 17 Mar 2015 14:11

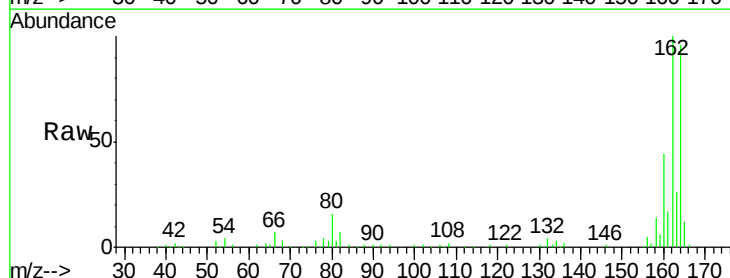
Tgt Ion:164 Resp: 105687

Ion Ratio Lower Upper

164 100

162 104.1 82.4 123.6

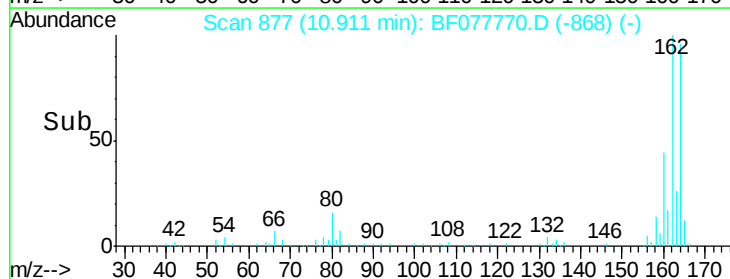
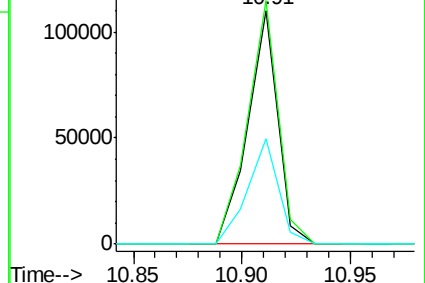
160 45.3 35.8 53.6

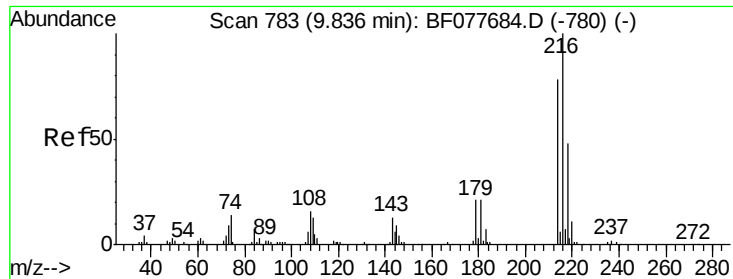


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

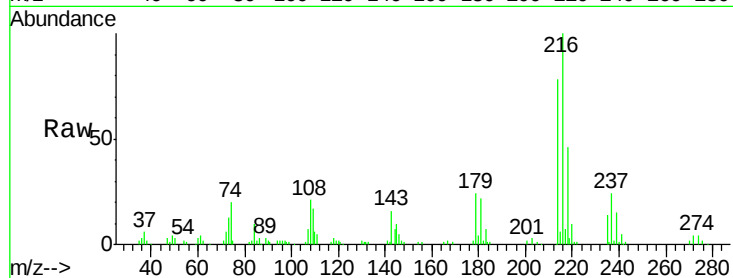




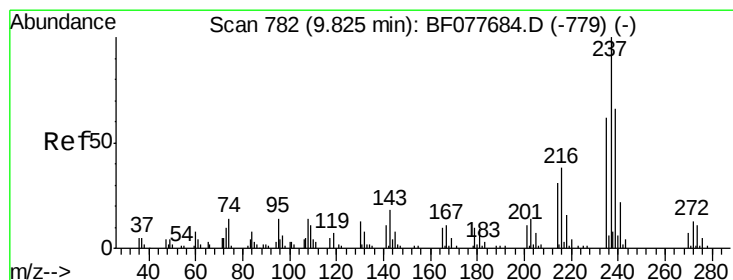
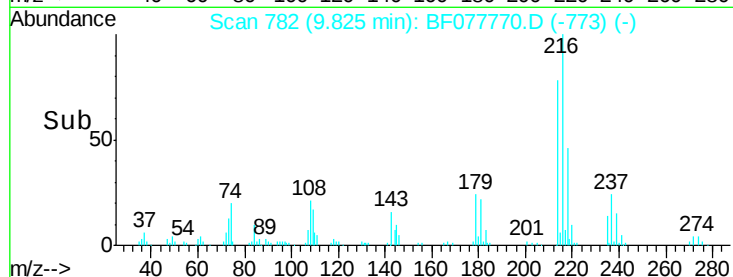
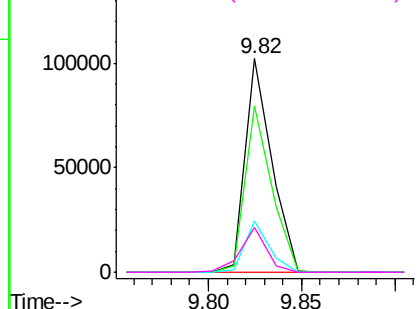
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.06 ng
 RT: 9.82 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF077770.D
 Acq: 17 Mar 2015 14:11

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

Tot Ion:216	Resp:	101072
Ion Ratio	Lower	Upper
216	100	
214	77.5	0.0 0.0#
179	22.1	0.0 0.0#
108	21.0	0.0 0.0#

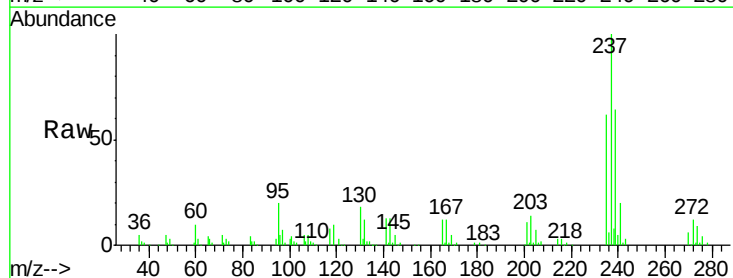


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

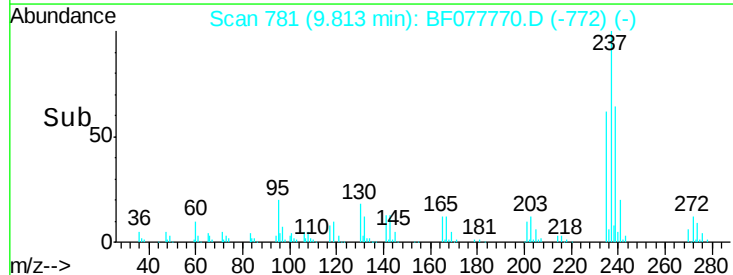
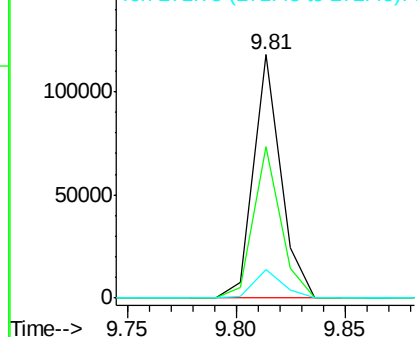


#40
 Hexachlorocyclopentadiene
 Concen: 65.72 ng
 RT: 9.81 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: BF077770.D
 Acq: 17 Mar 2015 14:11

Tgt Ion:237	Resp:	102780
Ion Ratio	Lower	Upper
237	100	
235	62.2	42.0 82.0
272	11.7	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

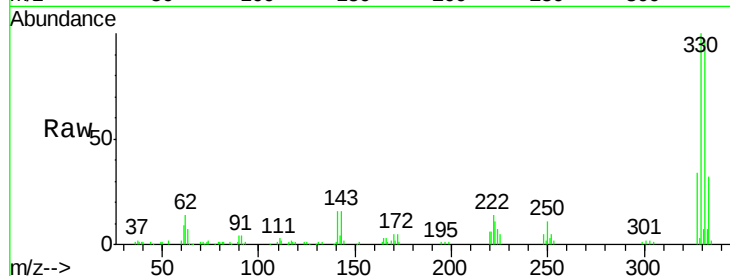




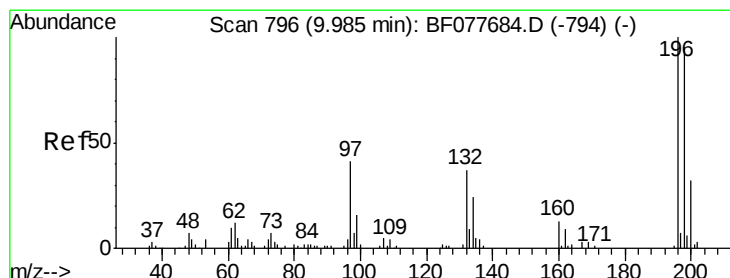
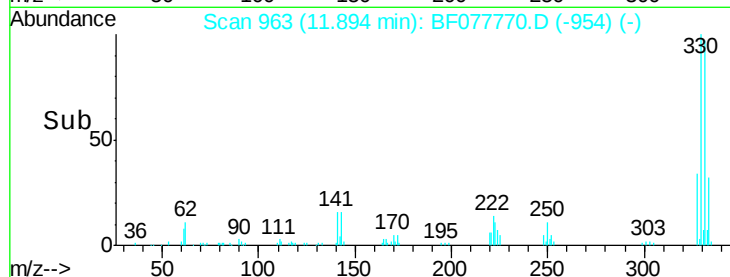
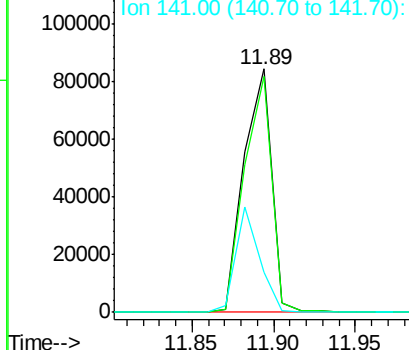
#41
 2,4,6-Tribromophenol
 Concen: 98.66 ng
 RT: 11.89 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF077770.D
 Acq: 17 Mar 2015 14:11

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

Tot Ion:330 Resp: 99761
 Ion Ratio Lower Upper
 330 100
 332 94.8 0.0 0.0#
 141 36.5 0.0 0.0#

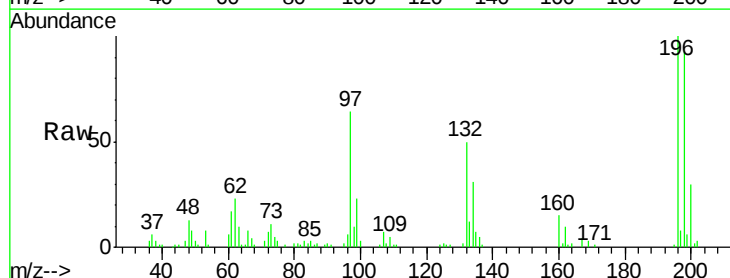


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

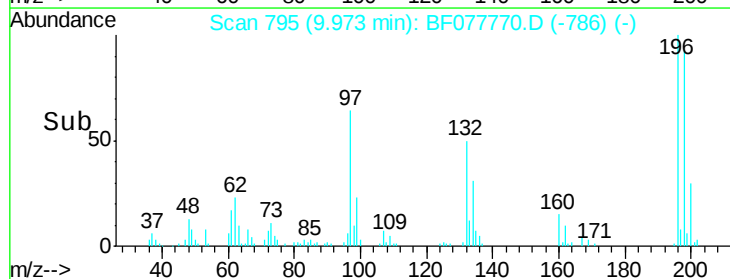
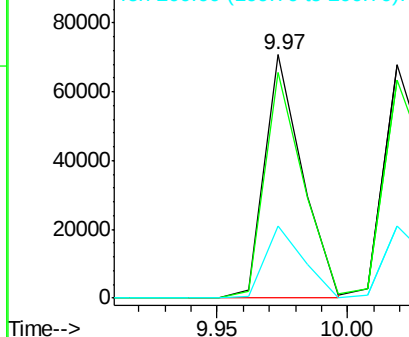


#42
 2,4,6-Trichlorophenol
 Concen: 32.49 ng
 RT: 9.97 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF077770.D
 Acq: 17 Mar 2015 14:11

Tgt Ion:196 Resp: 70943
 Ion Ratio Lower Upper
 196 100
 198 92.9 76.3 114.5
 200 29.9 25.6 38.4



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

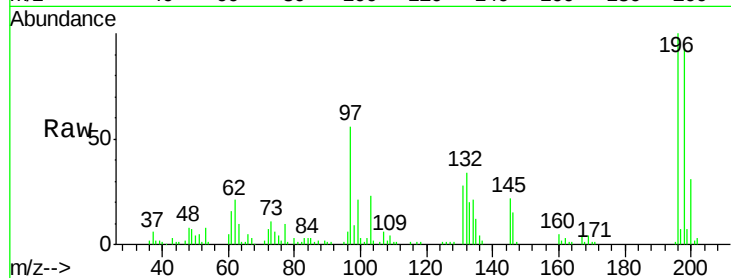




#43
 2,4,5-Trichlorophenol
 Concen: 32.74 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF077770.D
 Acq: 17 Mar 2015 14:11

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.3	79.4	119.0
97	56.2	26.8	40.2
132	33.7	18.6	28.0



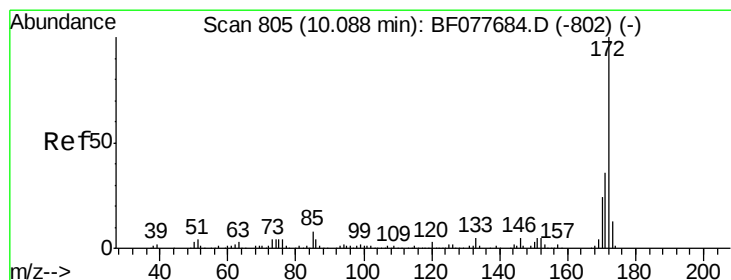
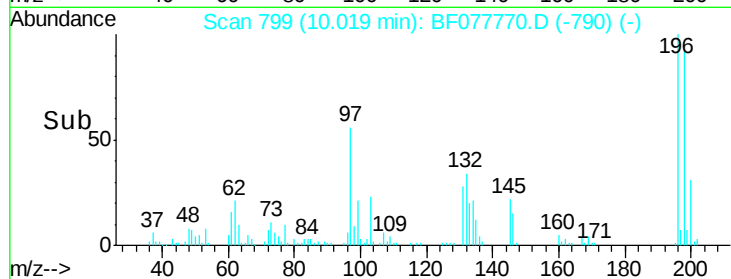
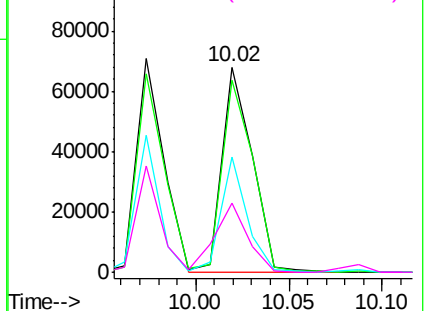
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

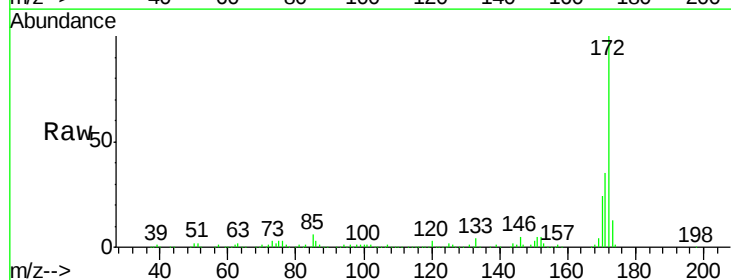
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 68.88 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077770.D
 Acq: 17 Mar 2015 14:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.6	18.8	28.2

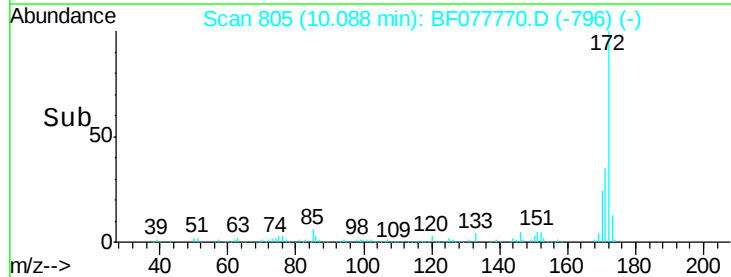
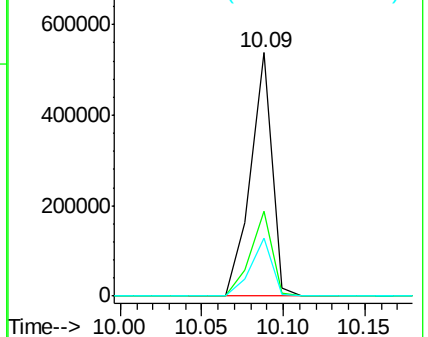


Abundance

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

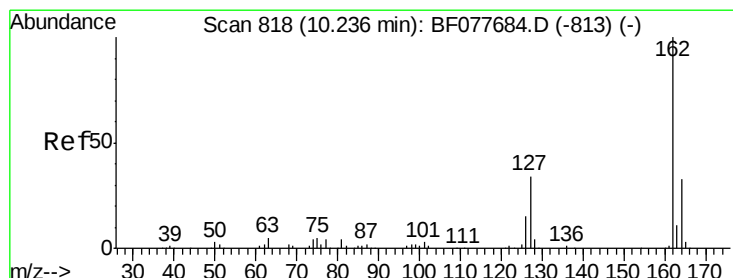
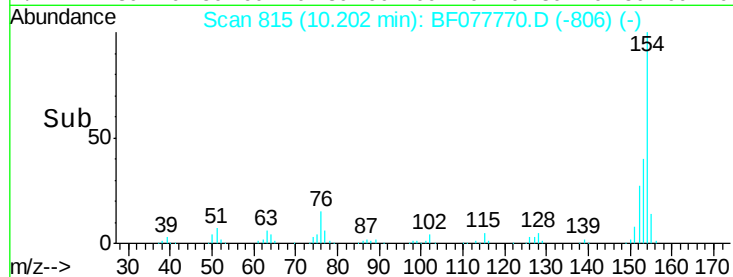
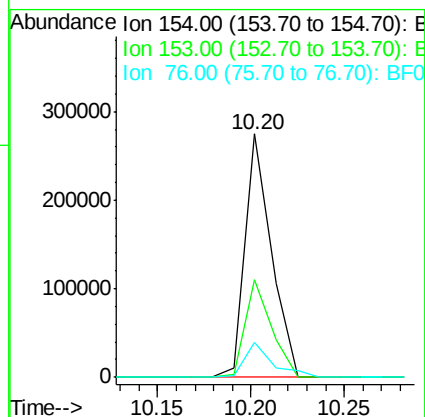
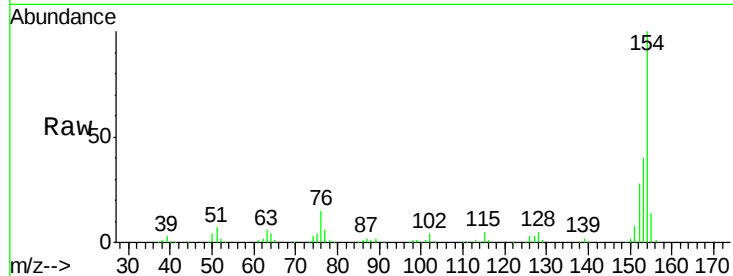




#45
 1,1'-Biphenyl
 Concen: 31.88 ng
 RT: 10.20 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF077770.D
 Acq: 17 Mar 2015 14:11

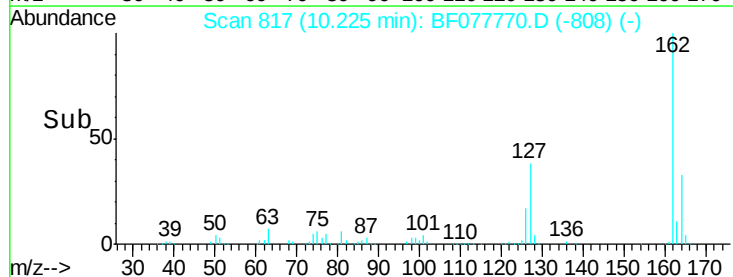
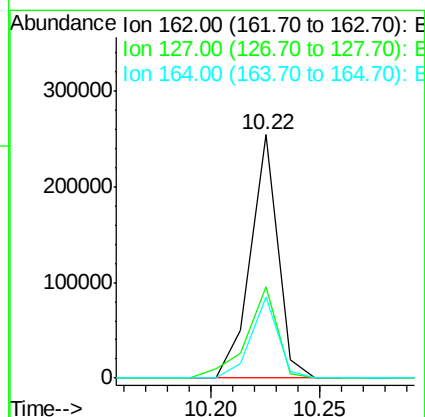
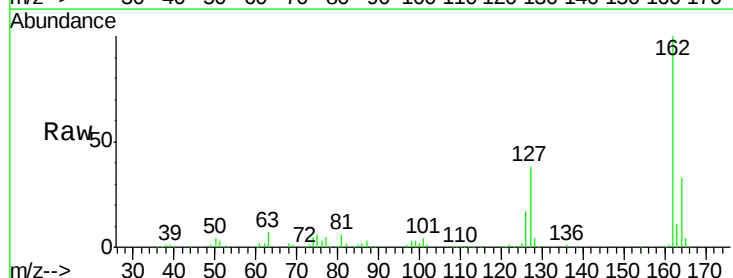
Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

Tot Ion:154 Resp: 269317
 Ion Ratio Lower Upper
 154 100
 153 39.9 20.7 60.7
 76 14.6 0.0 30.9



#46
 2-Chloronaphthalene
 Concen: 32.24 ng
 RT: 10.22 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF077770.D
 Acq: 17 Mar 2015 14:11

Tgt Ion:162 Resp: 221332
 Ion Ratio Lower Upper
 162 100
 127 37.6 26.9 40.3
 164 33.5 26.8 40.2

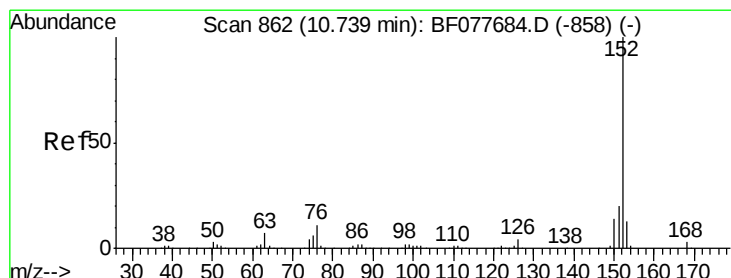
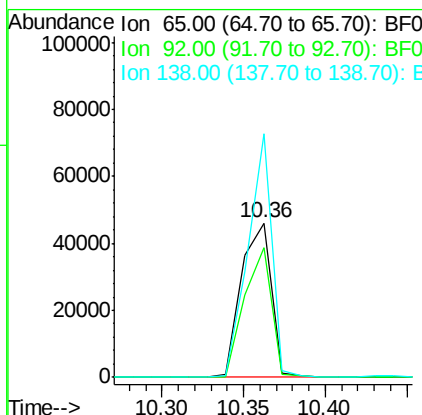
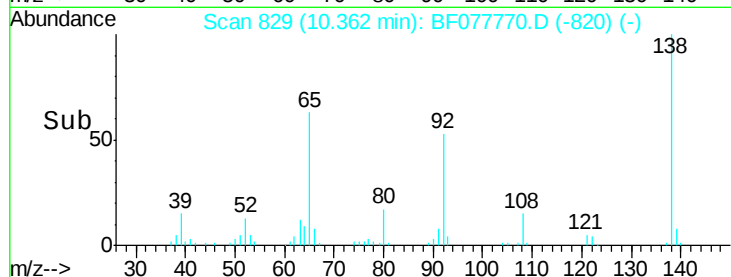
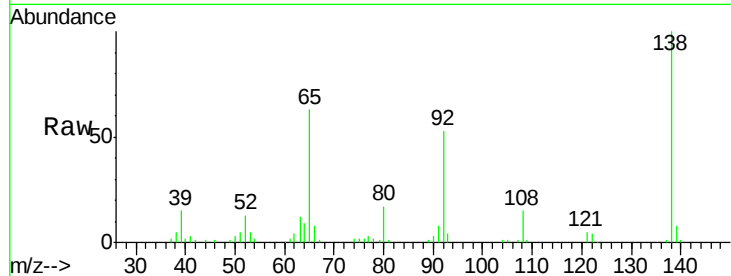




#47
 2-Nitroaniline
 Concen: 34.21 ng
 RT: 10.36 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF077770.D
 Acq: 17 Mar 2015 14:11

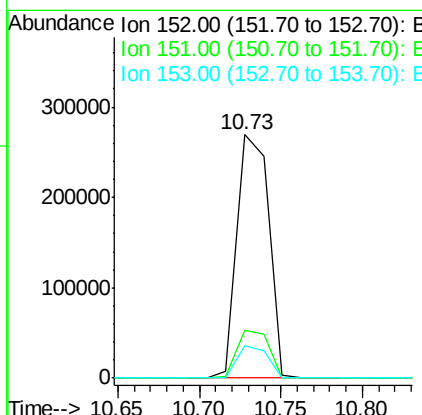
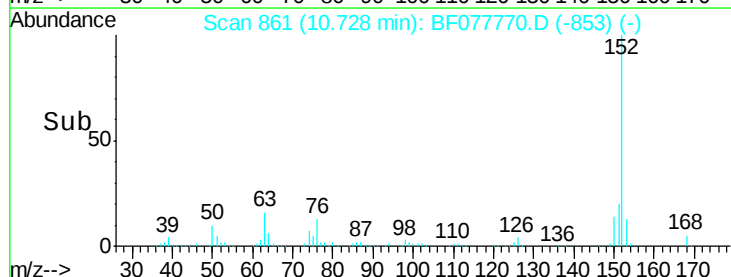
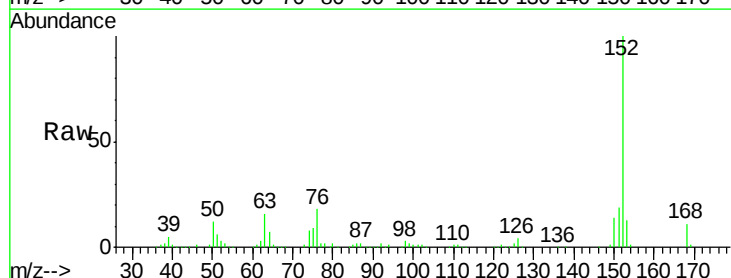
Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

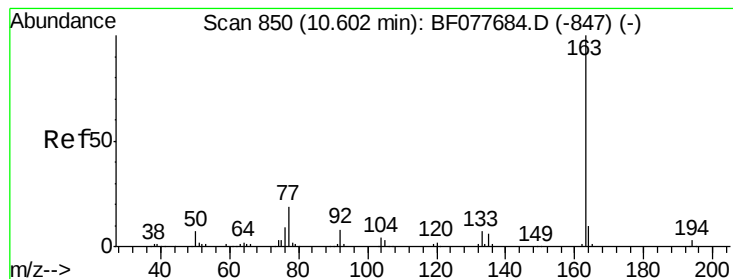
Tot Ion: 65 Resp: 58336
 Ion Ratio Lower Upper
 65 100
 92 83.5 59.1 88.7
 138 157.5 93.9 140.9#



#48
 Acenaphthylene
 Concen: 31.58 ng
 RT: 10.73 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BF077770.D
 Acq: 17 Mar 2015 14:11

Tgt Ion: 152 Resp: 360548
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.9 23.9
 153 13.3 10.6 16.0





#49

Dimethylphthalate

Concen: 32.53 ng

RT: 10.59 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF077770.D

Acq: 17 Mar 2015 14:11

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

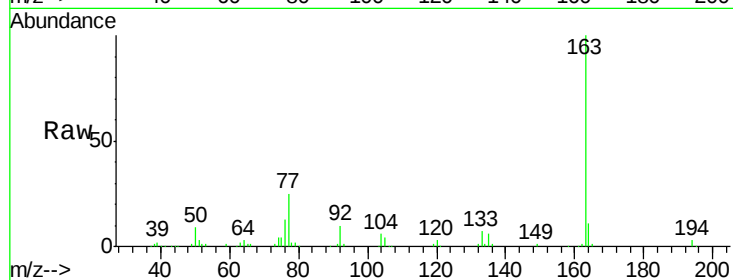
Tot Ion:163 Resp: 255017

Ion Ratio Lower Upper

163 100

194 2.9 2.7 4.1

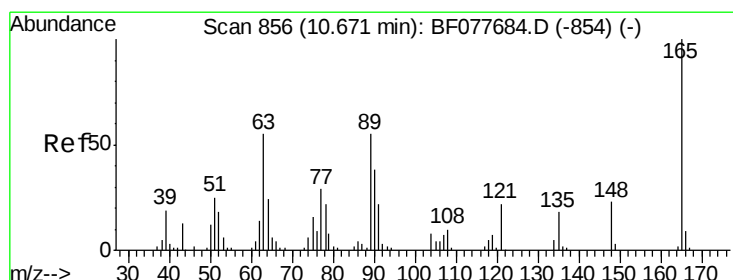
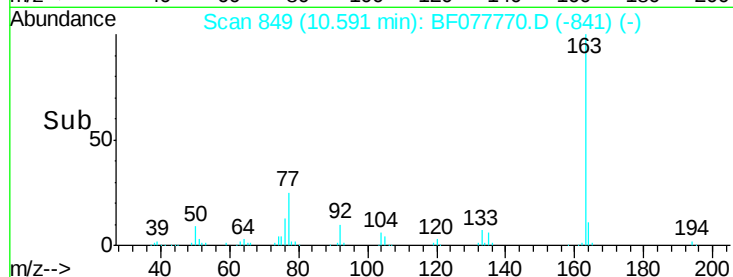
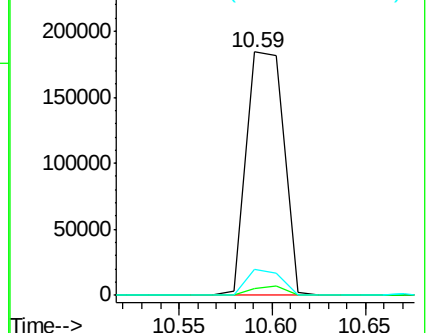
164 10.6 8.2 12.2



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: 35.31 ng

RT: 10.67 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF077770.D

Acq: 17 Mar 2015 14:11

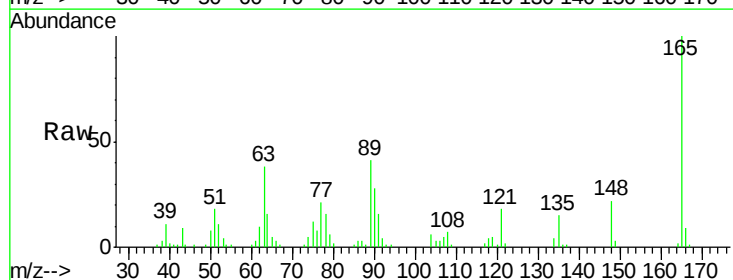
Tgt Ion:165 Resp: 57373

Ion Ratio Lower Upper

165 100

63 37.6 44.1 66.1#

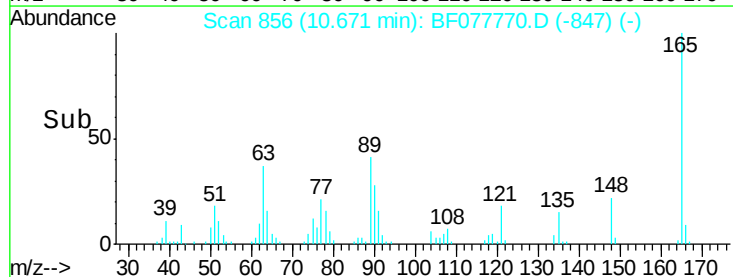
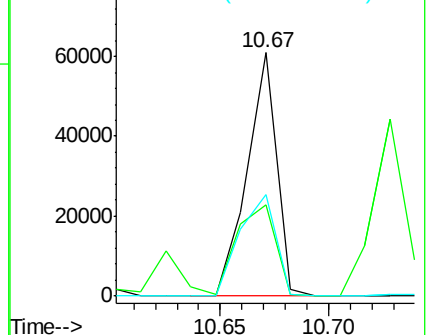
89 41.4 44.3 66.5#

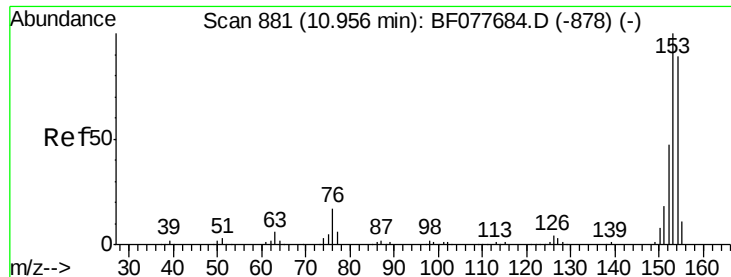


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 31.12 ng

RT: 10.94 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF077770.D

Acq: 17 Mar 2015 14:11

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

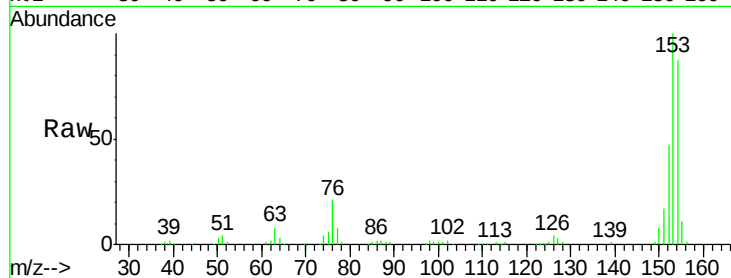
Tot Ion:154 Resp: 203687

Ion Ratio Lower Upper

154 100

153 115.4 90.0 135.0

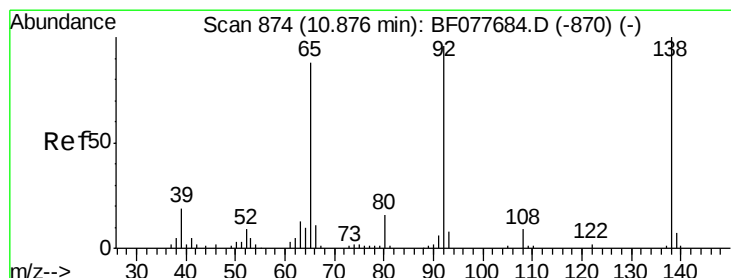
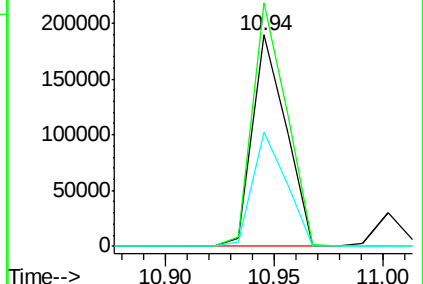
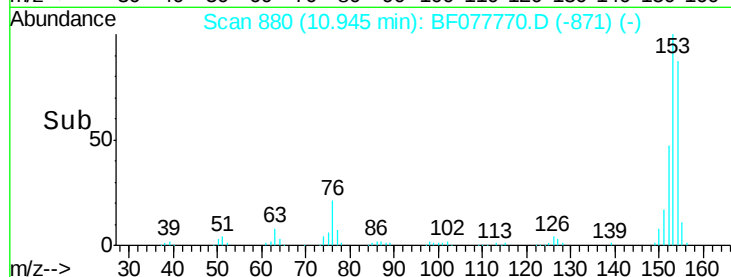
152 53.9 42.6 63.8



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: 23.78 ng

RT: 10.86 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF077770.D

Acq: 17 Mar 2015 14:11

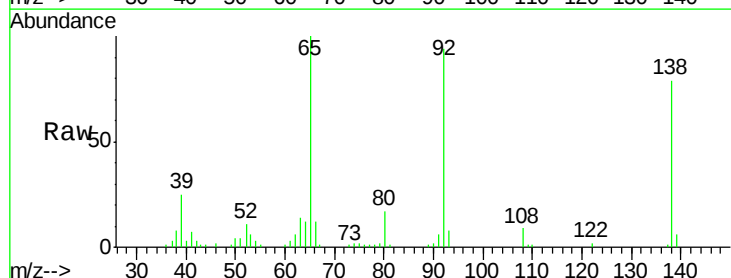
Tgt Ion:138 Resp: 44874

Ion Ratio Lower Upper

138 100

108 10.8 7.3 10.9

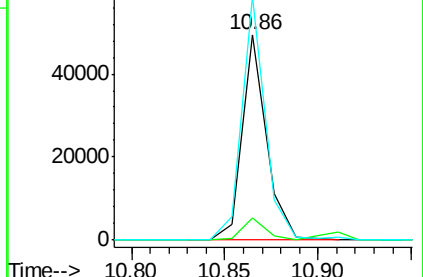
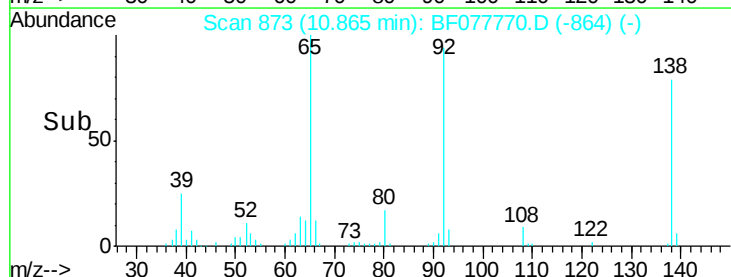
92 118.4 76.6 114.8#

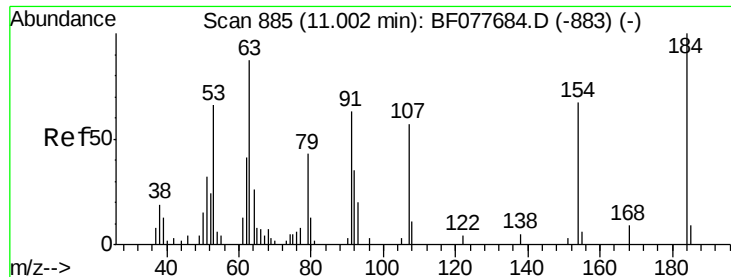


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

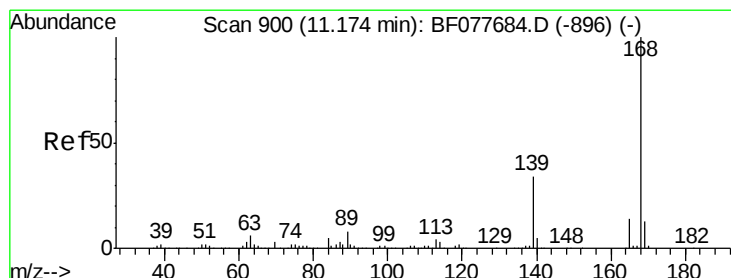
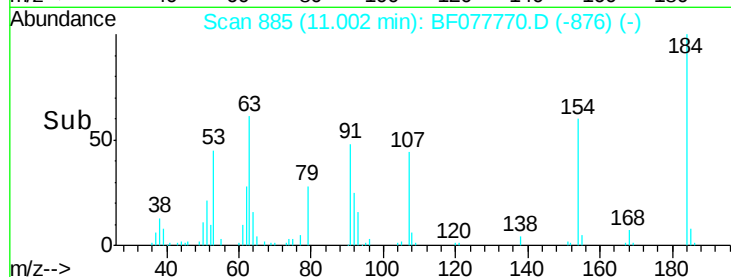
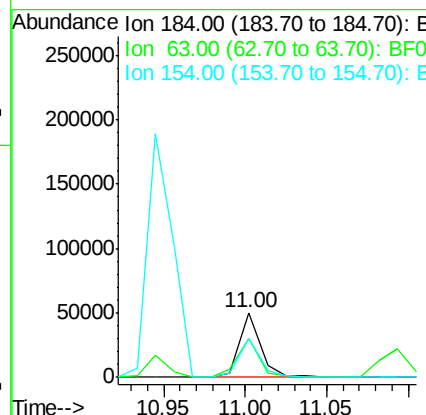
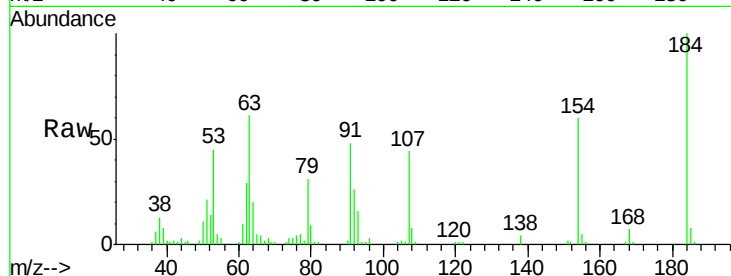




#53
2,4-Dinitrophenol
Concen: 77.18 ng
RT: 11.00 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF077770.D
Acq: 17 Mar 2015 14:11

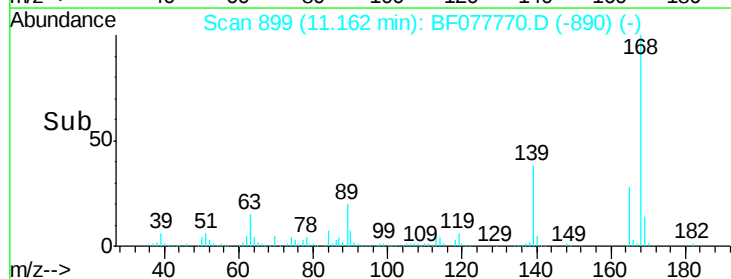
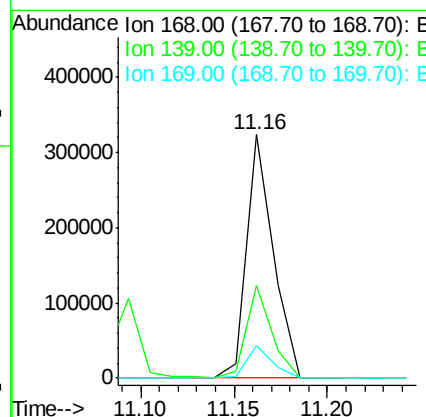
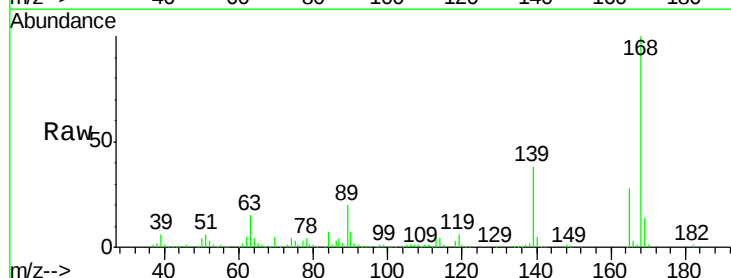
Instrument :
BNA_F
ClientSampleId :
PB82120BSD

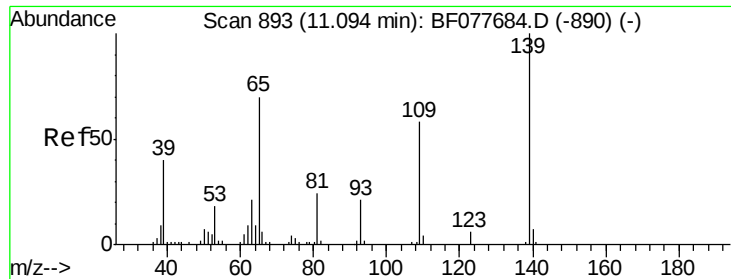
Tot Ion:184 Resp: 45880
Ion Ratio Lower Upper
184 100
63 61.2 69.2 103.8#
154 60.0 53.3 79.9



#54
Dibenzofuran
Concen: 33.02 ng
RT: 11.16 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF077770.D
Acq: 17 Mar 2015 14:11

Tgt Ion:168 Resp: 320633
Ion Ratio Lower Upper
168 100
139 37.9 27.3 40.9
169 13.5 10.6 16.0

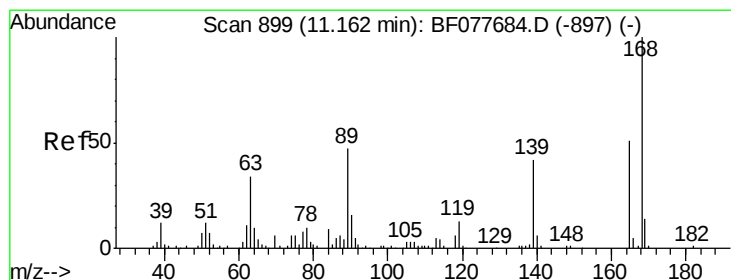
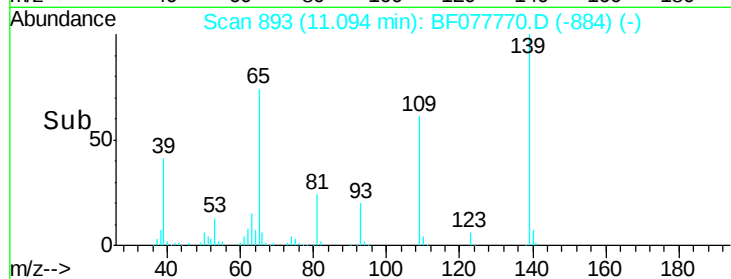
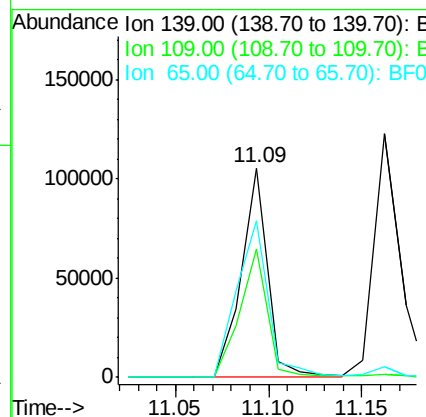
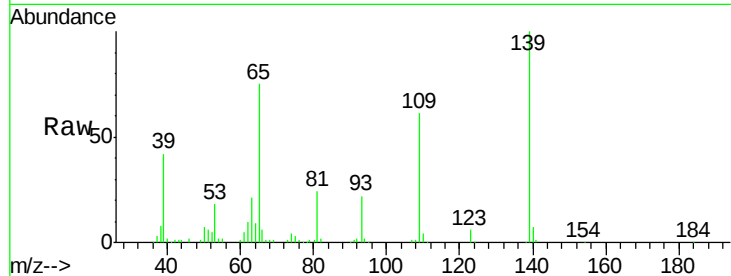




#55
4-Nitrophenol
Concen: 75.42 ng
RT: 11.09 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF077770.D
Acq: 17 Mar 2015 14:11

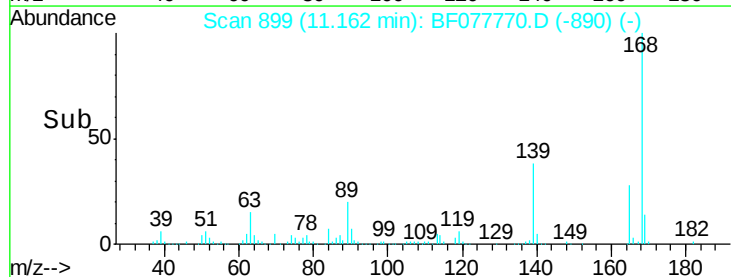
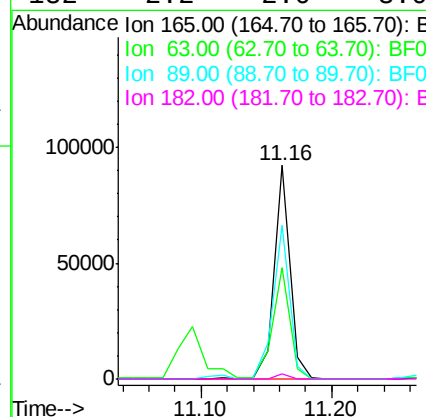
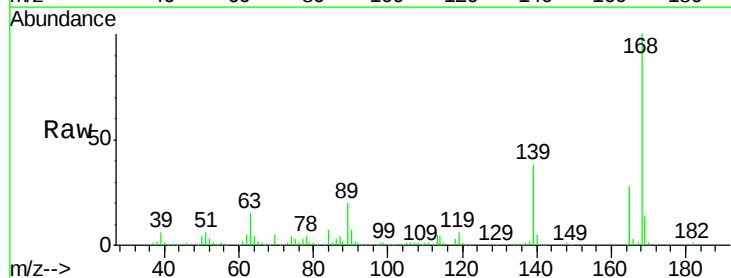
Instrument :
BNA_F
ClientSampleId :
PB82120BSD

Tot Ion:139 Resp: 105420
Ion Ratio Lower Upper
139 100
109 61.1 37.7 77.7
65 74.9 49.9 89.9



#56
2,4-Dinitrotoluene
Concen: 37.17 ng
RT: 11.16 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF077770.D
Acq: 17 Mar 2015 14:11

Tgt Ion:165 Resp: 78759
Ion Ratio Lower Upper
165 100
63 52.2 52.4 78.6#
89 72.0 72.4 108.6#
182 2.2 2.0 3.0





#57

Fluorene

Concen: 31.47 ng

RT: 11.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF077770.D

Acq: 17 Mar 2015 14:11

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

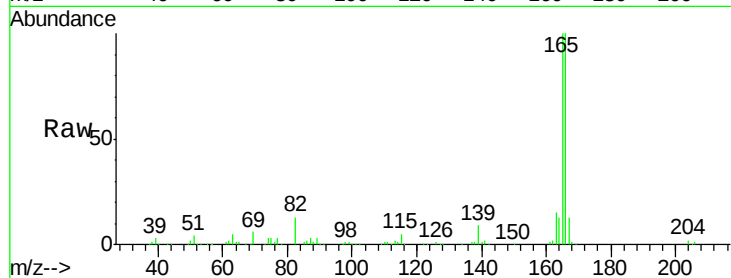
Tot Ion:166 Resp: 253667

Ion Ratio Lower Upper

166 100

165 99.8 79.0 118.4

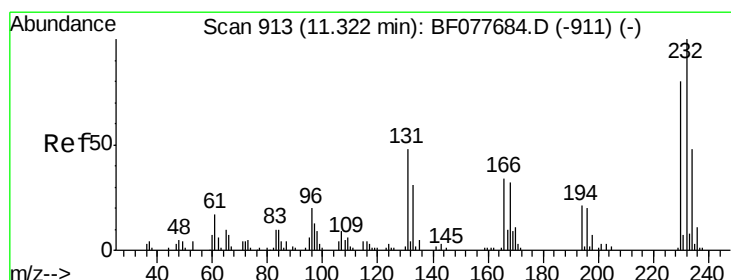
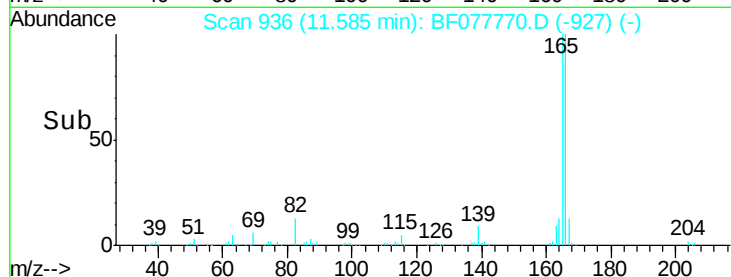
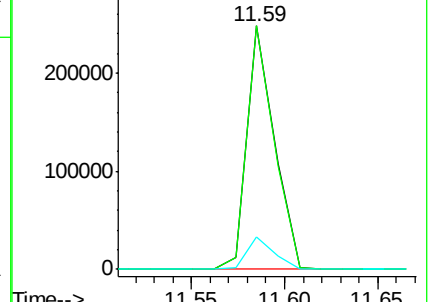
167 13.4 10.3 15.5



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: 34.07 ng

RT: 11.32 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF077770.D

Acq: 17 Mar 2015 14:11

Tgt Ion:232 Resp: 61884

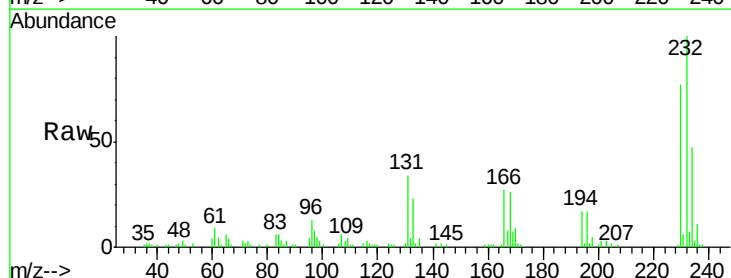
Ion Ratio Lower Upper

232 100

131 45.4 0.0 0.0#

130 2.1 0.0 0.0#

166 31.6 0.0 0.0#

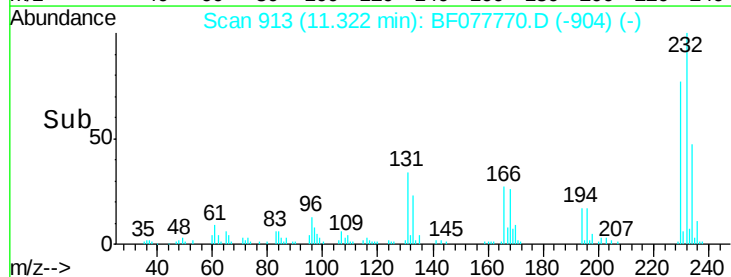
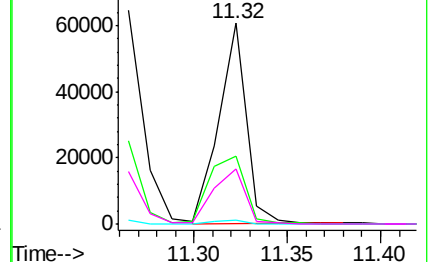


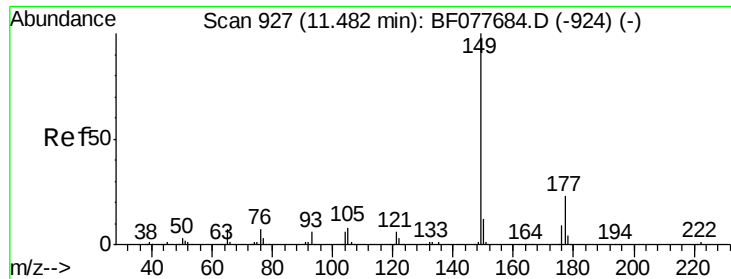
Abundance Ion 232.00 (231.70 to 232.70): E

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

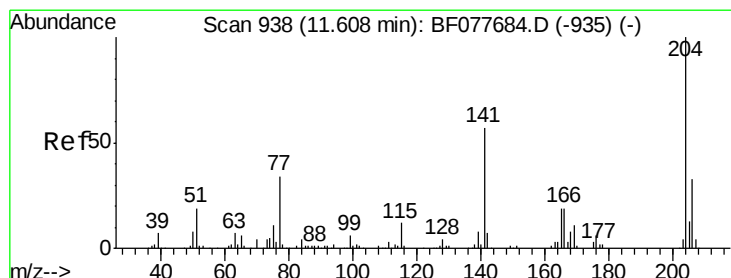
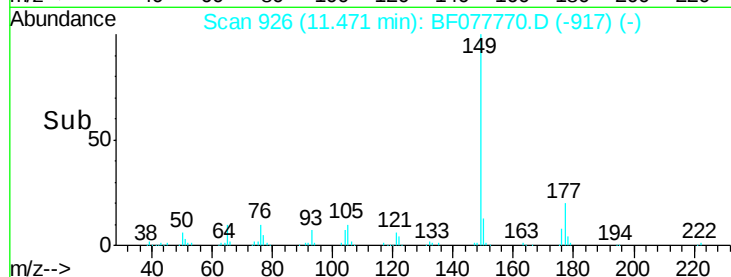
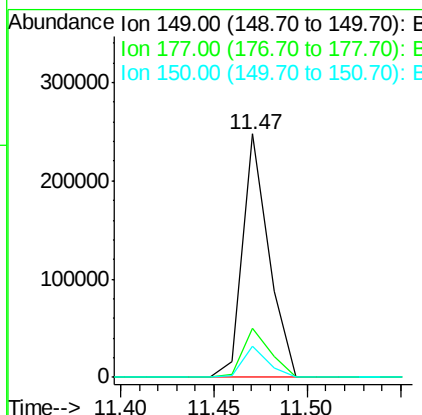
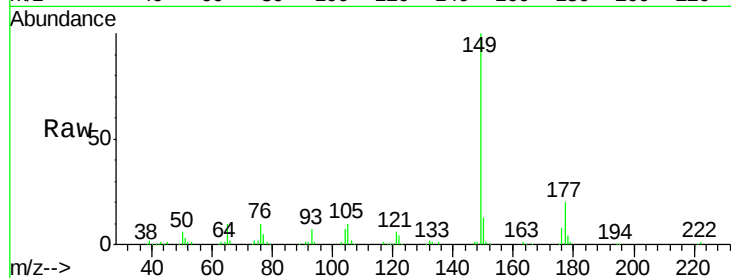




#59
Diethylphthalate
Concen: 31.61 ng
RT: 11.47 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF077770.D
Acq: 17 Mar 2015 14:11

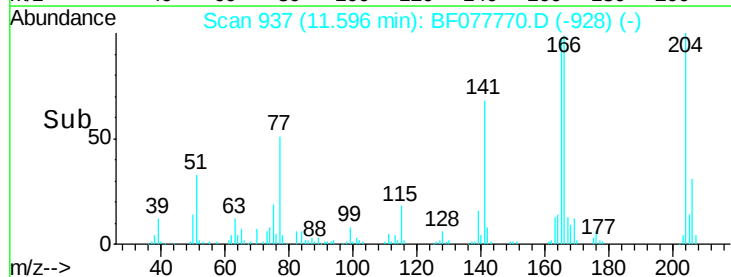
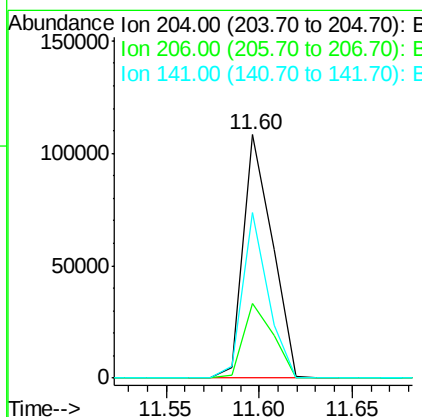
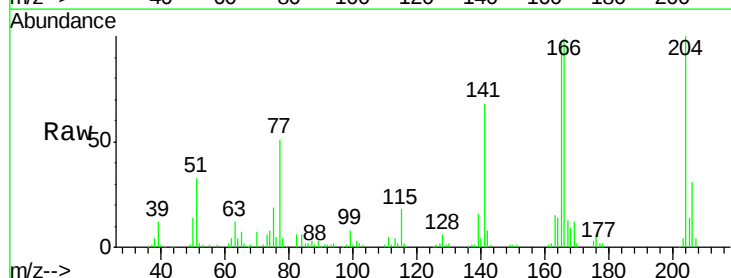
Instrument :
BNA_F
ClientSampleId :
PB82120BSD

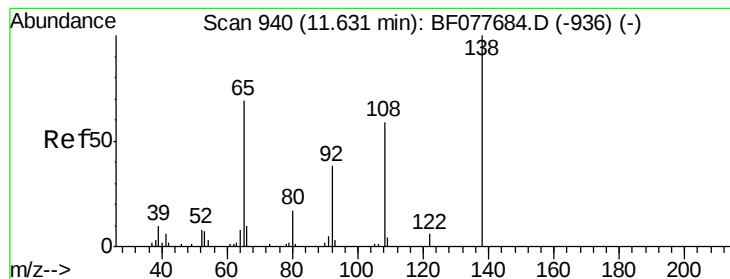
Tot Ion:149 Resp: 241410
Ion Ratio Lower Upper
149 100
177 19.9 18.3 27.5
150 12.6 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 31.90 ng
RT: 11.60 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF077770.D
Acq: 17 Mar 2015 14:11

Tgt Ion:204 Resp: 117369
Ion Ratio Lower Upper
204 100
206 30.9 26.6 39.8
141 67.9 45.2 67.8#





#61

4-Nitroaniline

Concen: 30.94 ng

RT: 11.62 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF077770.D

Acq: 17 Mar 2015 14:11

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

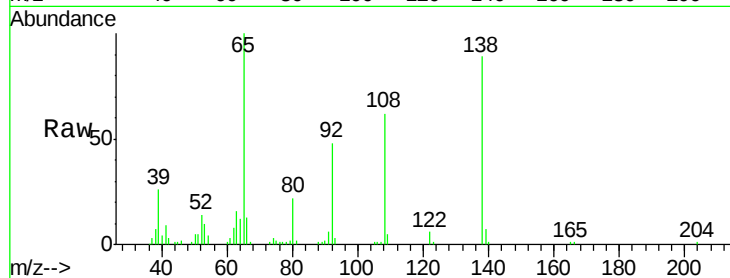
Tot Ion:138 Resp: 58189

Ion Ratio Lower Upper

138 100

92 53.4 16.7 56.7

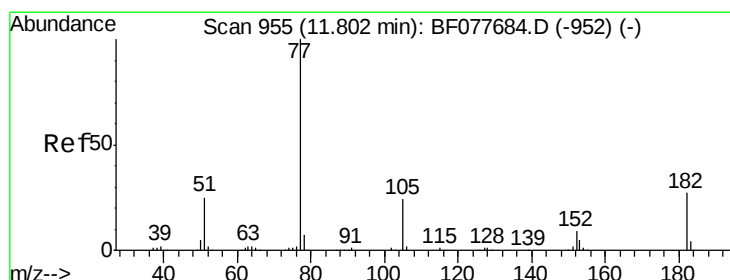
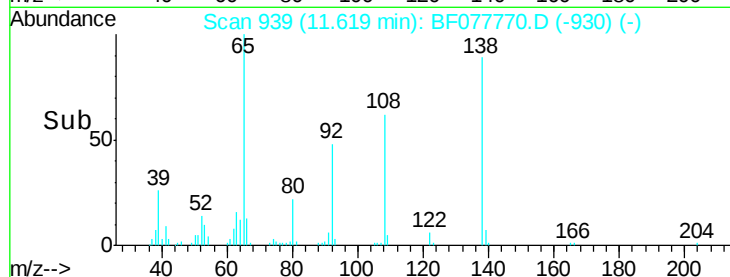
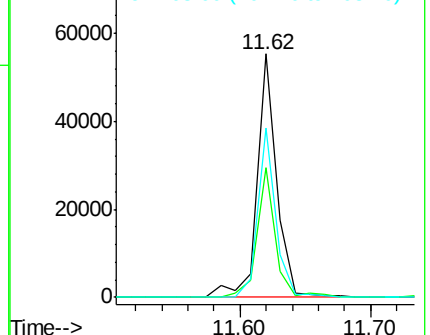
108 69.7 37.6 77.6



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: 32.09 ng

RT: 11.79 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF077770.D

Acq: 17 Mar 2015 14:11

Tgt Ion: 77 Resp: 234264

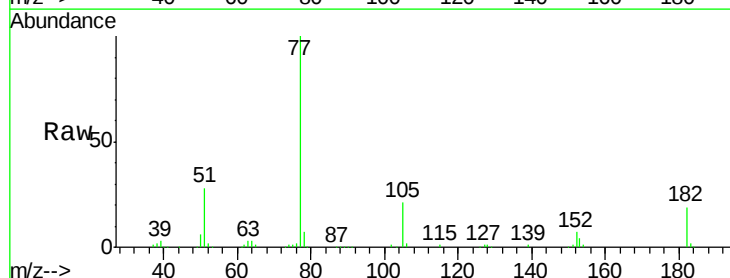
Ion Ratio Lower Upper

77 100

182 19.0 6.5 46.5

105 21.4 3.8 43.8

51 28.3 5.5 45.5

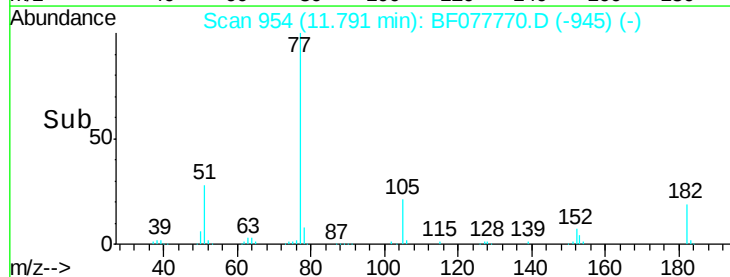
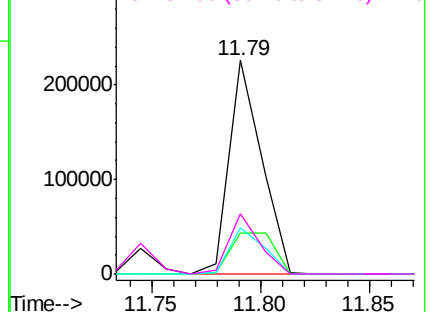


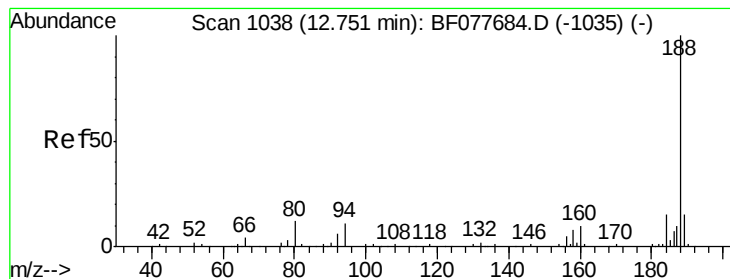
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF077770.D

Acq: 17 Mar 2015 14:11

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

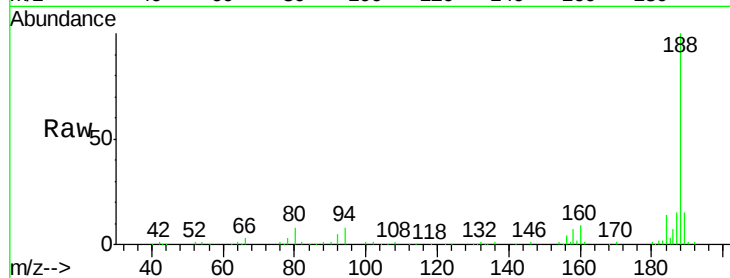
Tot Ion:188 Resp: 204624

Ion Ratio Lower Upper

188 100

94 8.2 8.7 13.1#

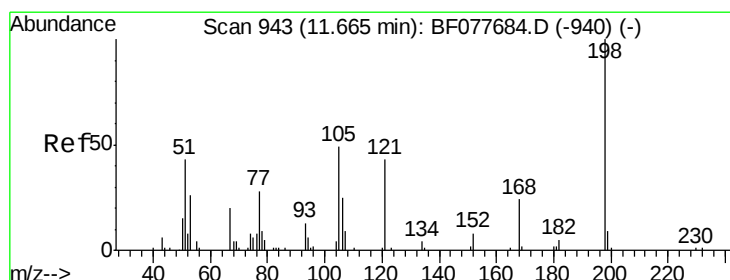
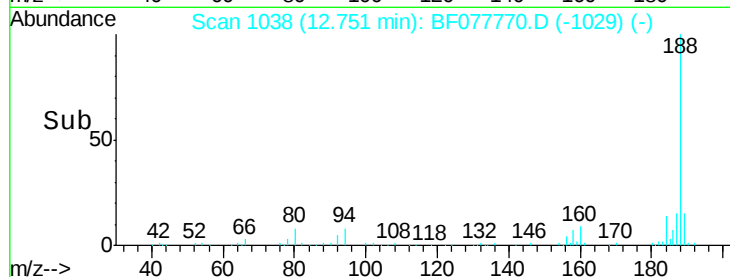
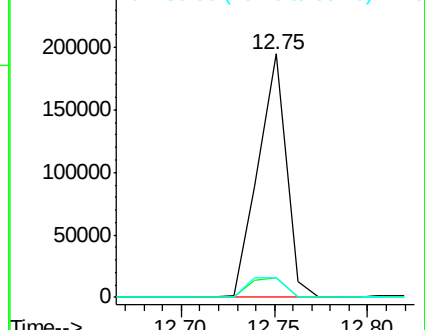
80 8.1 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 34.48 ng

RT: 11.67 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF077770.D

Acq: 17 Mar 2015 14:11

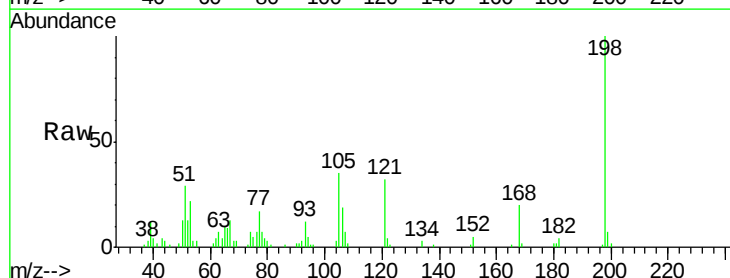
Tgt Ion:198 Resp: 32032

Ion Ratio Lower Upper

198 100

51 28.6 28.8 68.8#

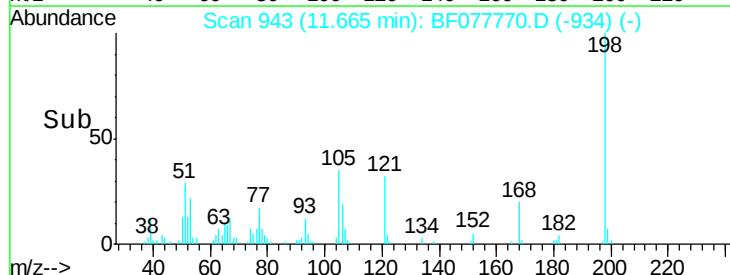
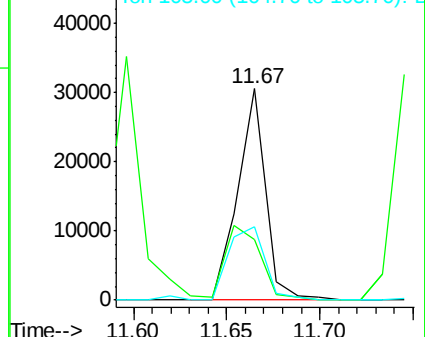
105 34.9 30.5 70.5

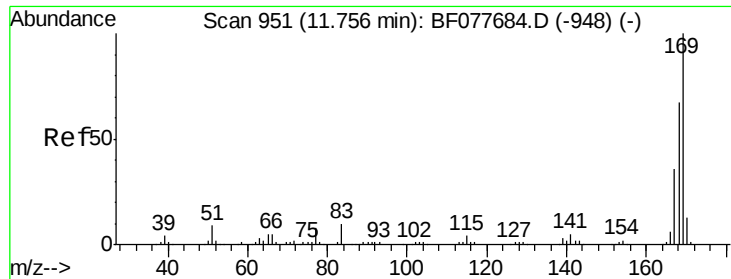


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

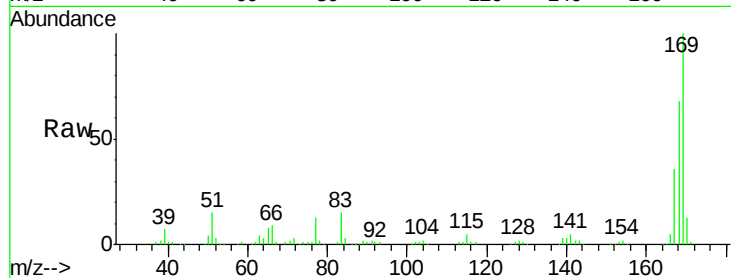




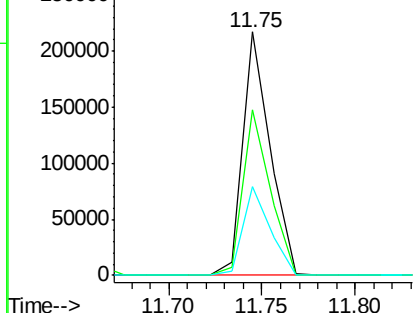
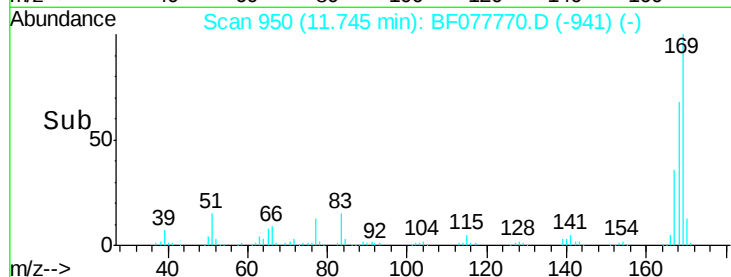
#65
 n-Nitrosodiphenylamine
 Concen: 32.25 ng
 RT: 11.75 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF077770.D
 Acq: 17 Mar 2015 14:11

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.9	53.9	80.9
167	36.5	28.9	43.3

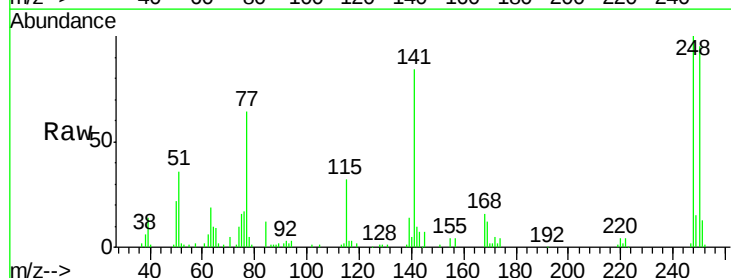


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

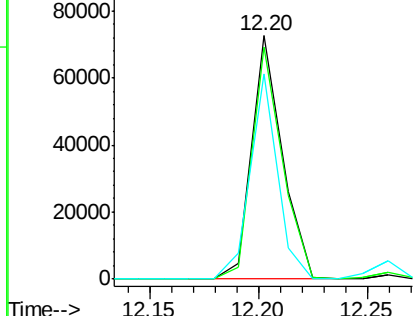
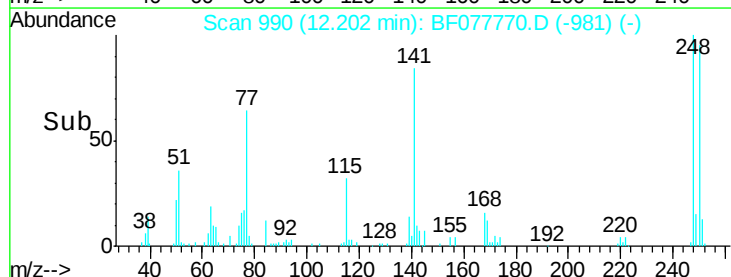


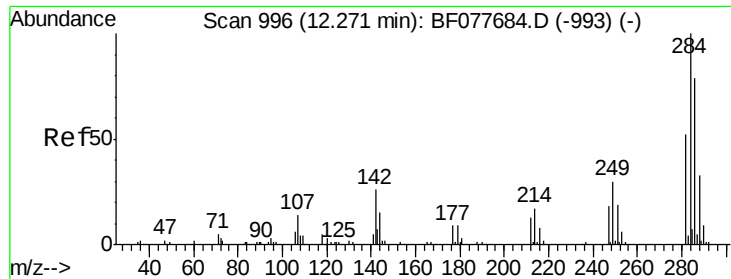
#66
 4-Bromophenyl-phenylether
 Concen: 32.53 ng
 RT: 12.20 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: BF077770.D
 Acq: 17 Mar 2015 14:11

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.2	77.4	116.0
141	84.3	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

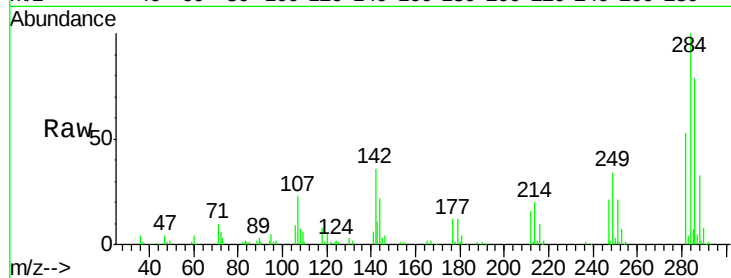




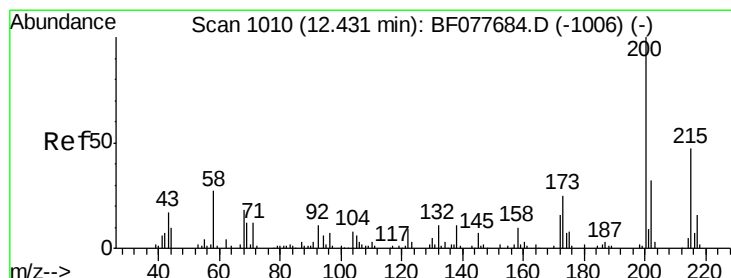
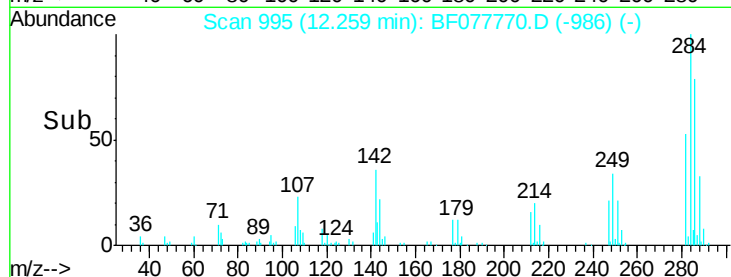
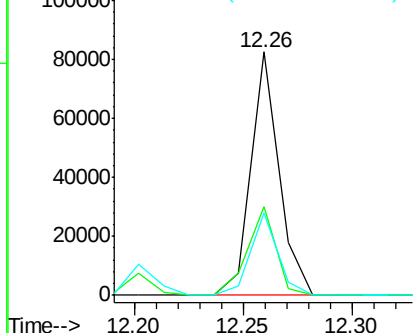
#67
Hexachlorobenzene
Concen: 30.88 ng
RT: 12.26 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF077770.D
Acq: 17 Mar 2015 14:11

Instrument :
BNA_F
ClientSampleId :
PB82120BSD

Tot Ion:284 Resp: 74092
Ion Ratio Lower Upper
284 100
142 36.2 20.4 30.6#
249 33.9 23.8 35.6

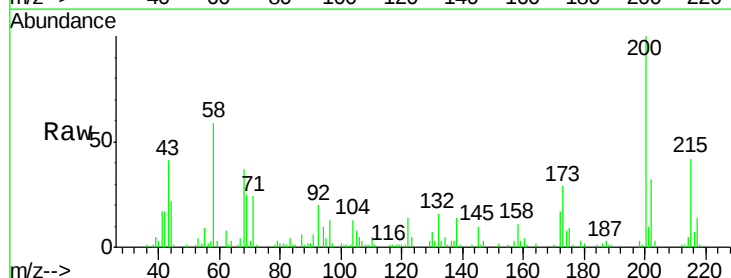


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

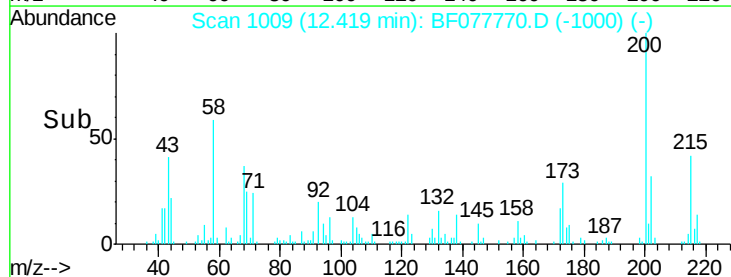
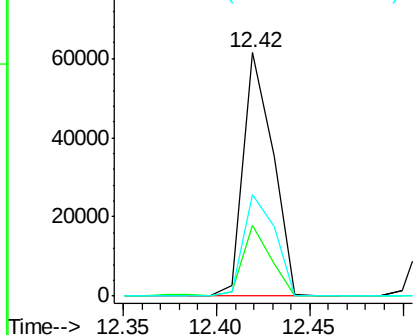


#68
Atrazine
Concen: 35.86 ng
RT: 12.42 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF077770.D
Acq: 17 Mar 2015 14:11

Tgt Ion:200 Resp: 68481
Ion Ratio Lower Upper
200 100
173 28.9 4.8 44.8
215 41.9 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

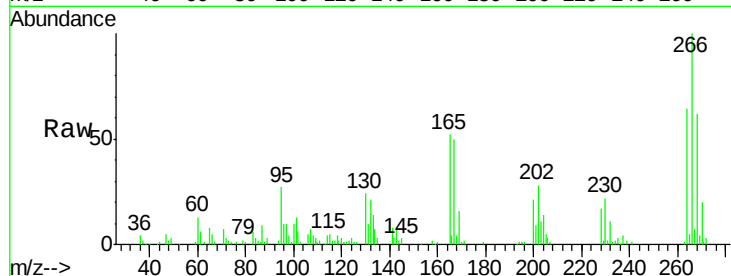




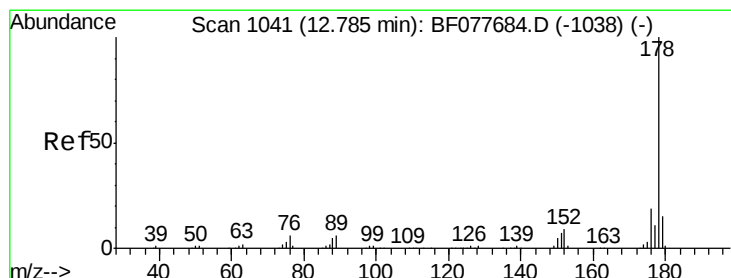
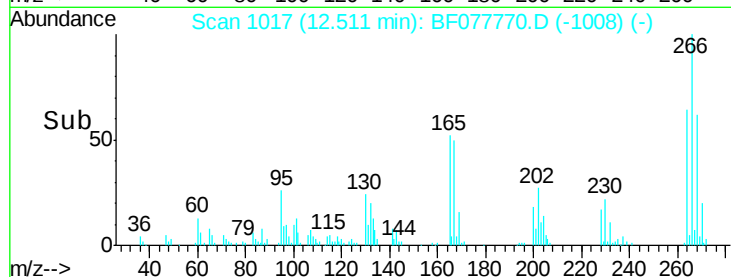
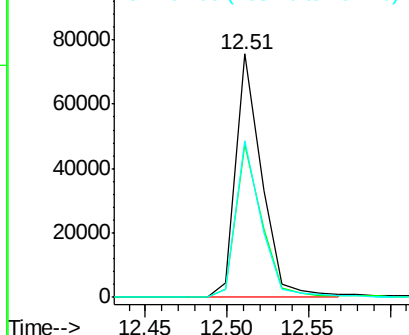
#69
 Pentachlorophenol
 Concen: 66.78 ng
 RT: 12.51 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BF077770.D
 Acq: 17 Mar 2015 14:11

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

Tot Ion:266 Resp: 83263
 Ion Ratio Lower Upper
 266 100
 268 62.5 52.0 78.0
 264 64.4 49.0 73.4

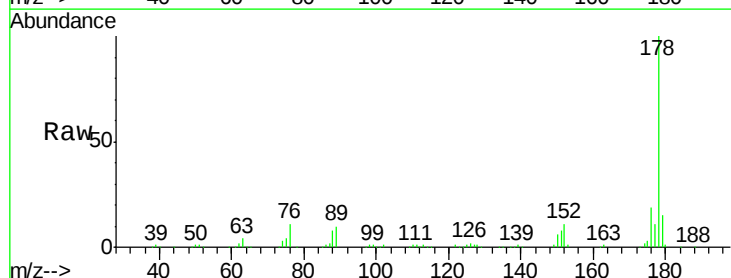


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

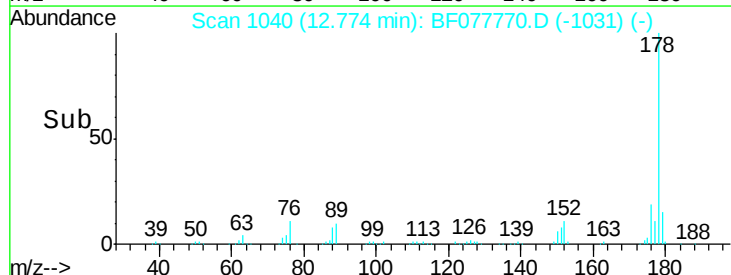
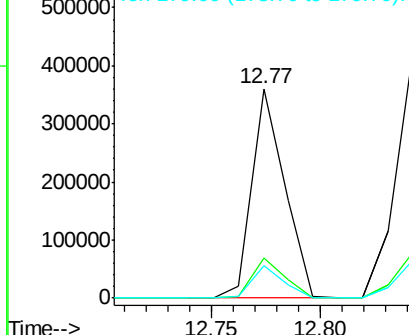


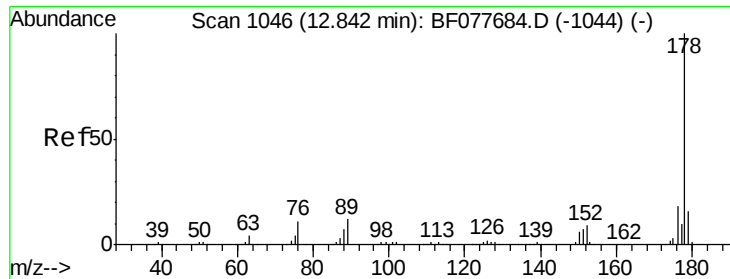
#70
 Phenanthrene
 Concen: 32.20 ng
 RT: 12.77 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF077770.D
 Acq: 17 Mar 2015 14:11

Tgt Ion:178 Resp: 378225
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.2 22.8
 179 15.4 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

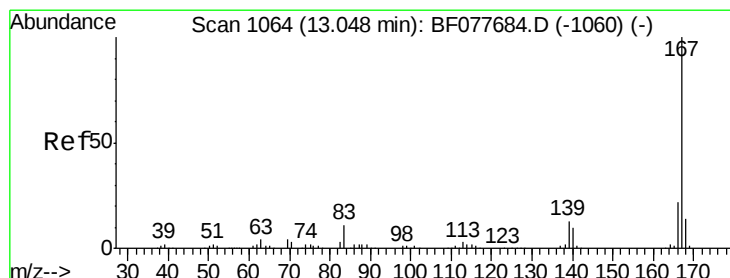
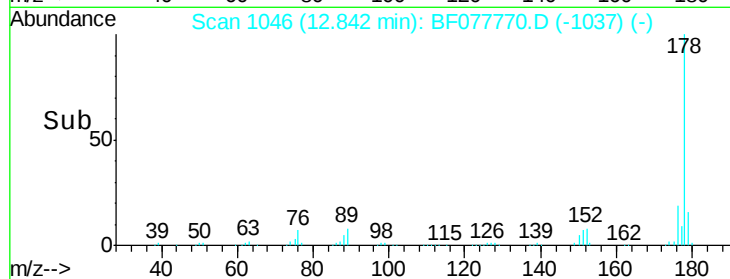
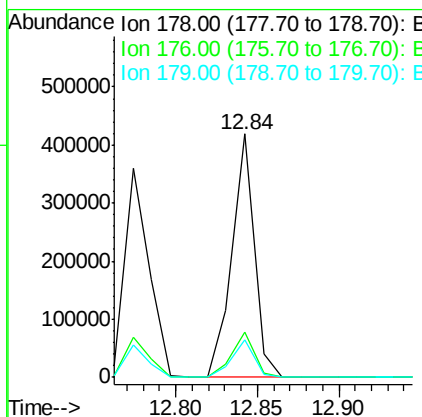
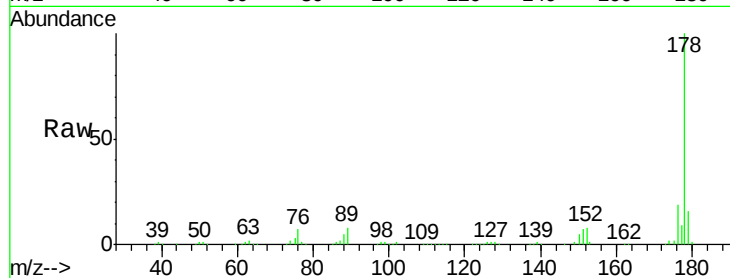




#71
 Anthracene
 Concen: 34.01 ng
 RT: 12.84 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF077770.D
 Acq: 17 Mar 2015 14:11

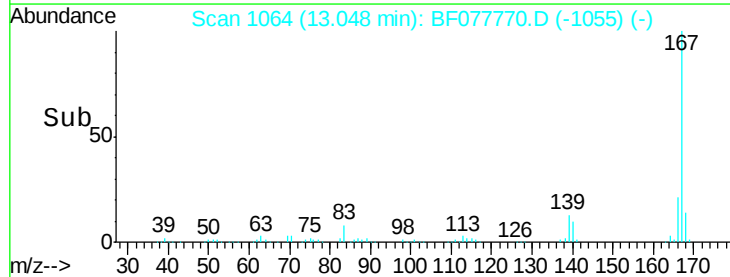
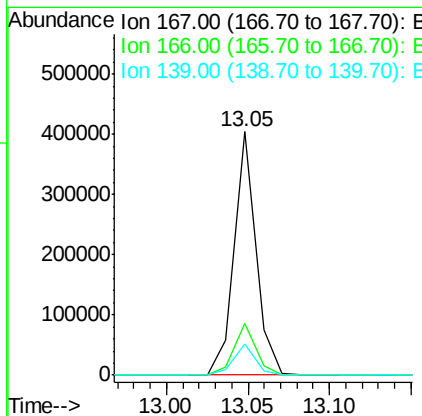
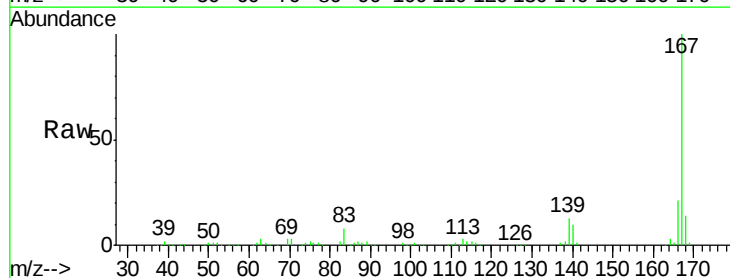
Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

Tot Ion:178 Resp: 394767
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.6 22.0
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 33.77 ng
 RT: 13.05 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF077770.D
 Acq: 17 Mar 2015 14:11

Tgt Ion:167 Resp: 372829
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.2 25.8
 139 12.6 10.8 16.2





#73

Di-n-butylphthalate

Concen: 32.36 ng

RT: 13.51 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BF077770.D

Acq: 17 Mar 2015 14:11

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

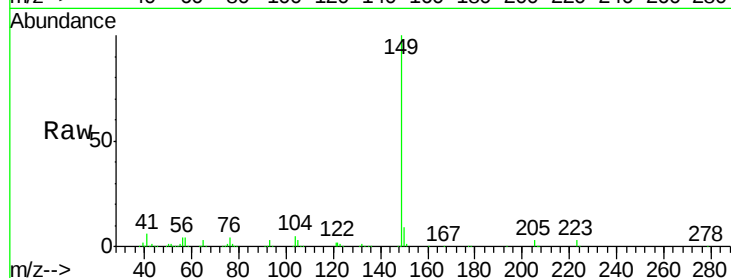
Tot Ion:149 Resp: 400572

Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

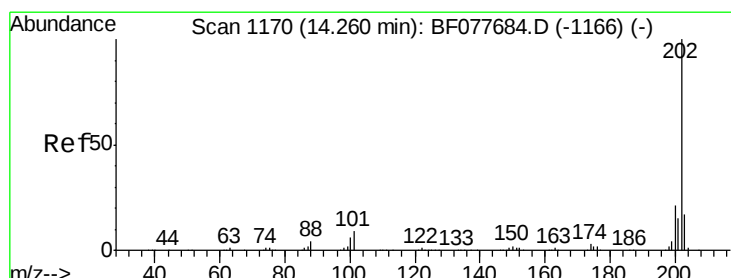
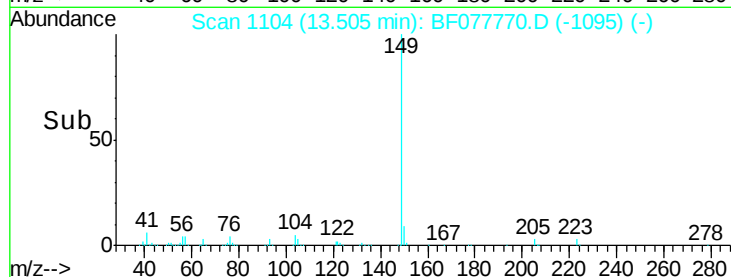
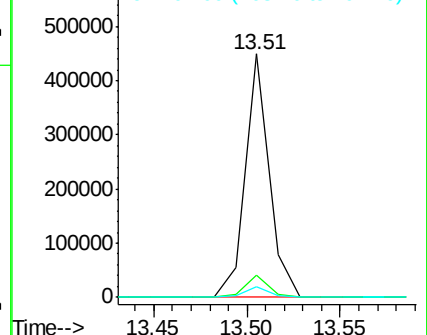
104 4.6 3.7 5.5



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: 32.64 ng

RT: 14.25 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF077770.D

Acq: 17 Mar 2015 14:11

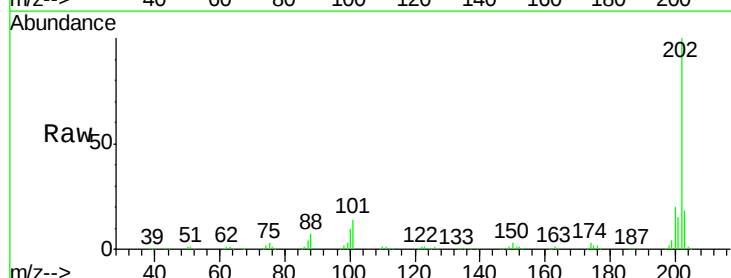
Tgt Ion:202 Resp: 422885

Ion Ratio Lower Upper

202 100

101 14.4 0.0 28.7

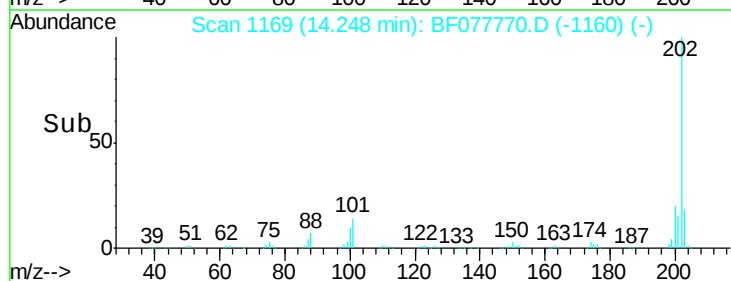
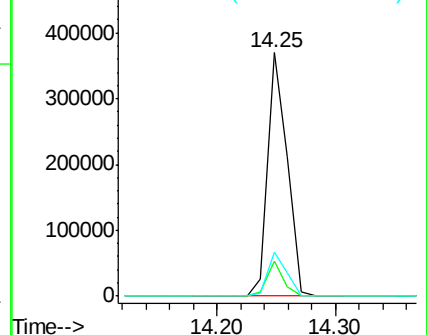
203 18.0 0.0 37.2

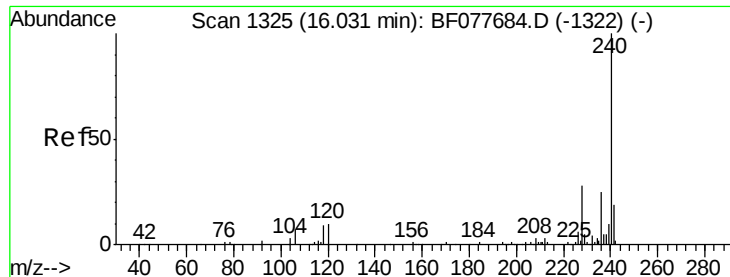


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF077770.D

Acq: 17 Mar 2015 14:11

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

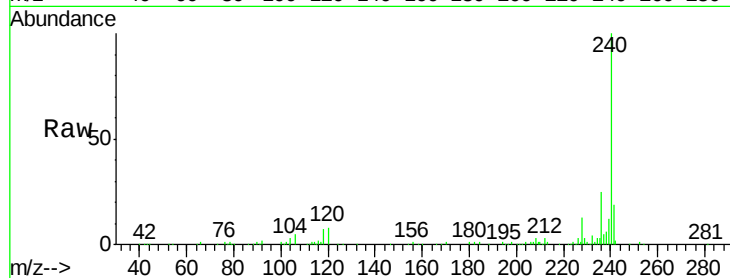
Tot Ion:240 Resp: 221441

Ion Ratio Lower Upper

240 100

120 7.9 8.2 12.2#

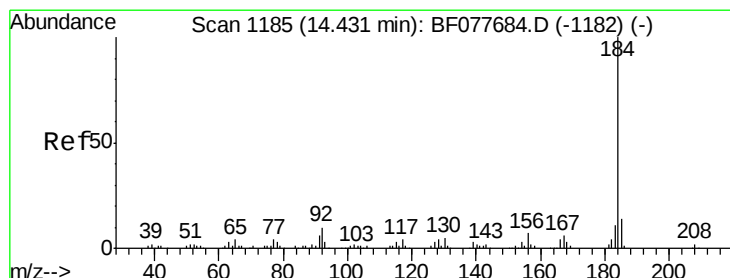
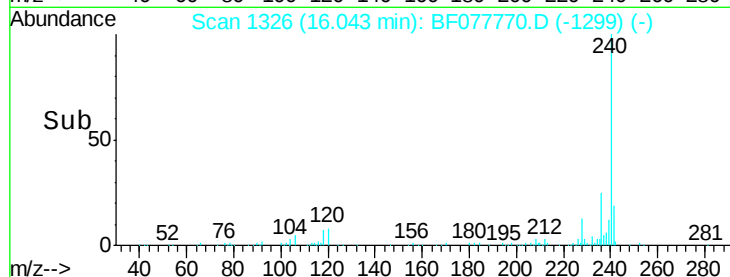
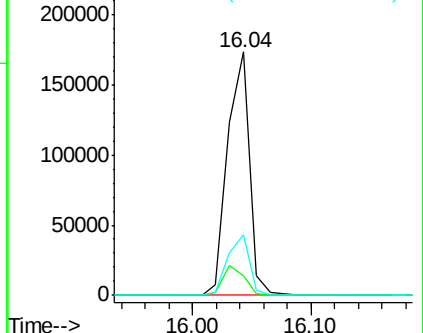
236 24.8 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 29.80 ng

RT: 14.43 min Scan# 1185

Delta R.T. 0.00 min

Lab File: BF077770.D

Acq: 17 Mar 2015 14:11

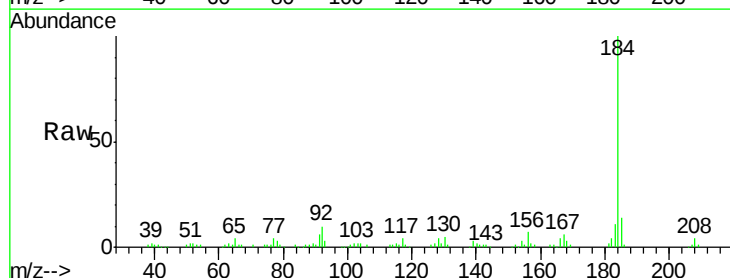
Tgt Ion:184 Resp: 163930

Ion Ratio Lower Upper

184 100

185 14.4 11.3 16.9

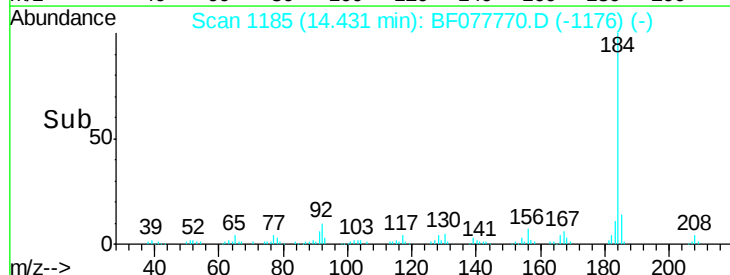
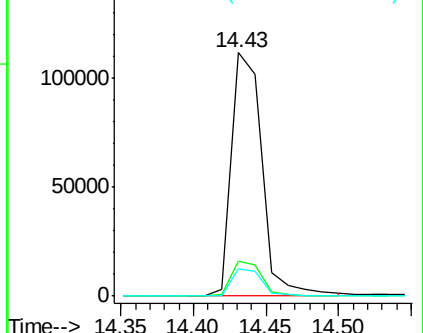
183 11.3 8.9 13.3

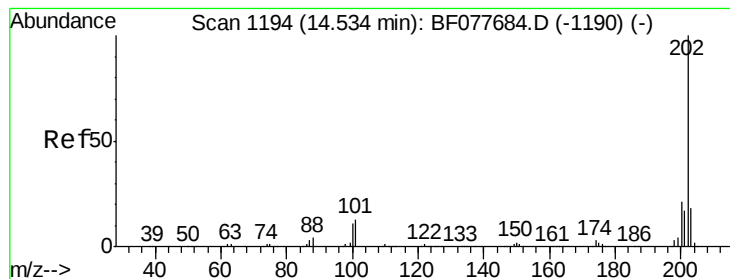


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 32.95 ng

RT: 14.53 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BF077770.D

Acq: 17 Mar 2015 14:11

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

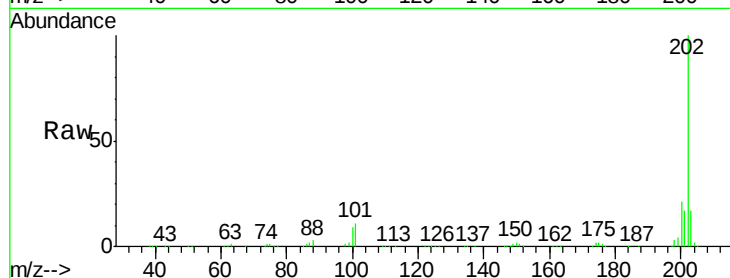
Tot Ion:202 Resp: 458808

Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

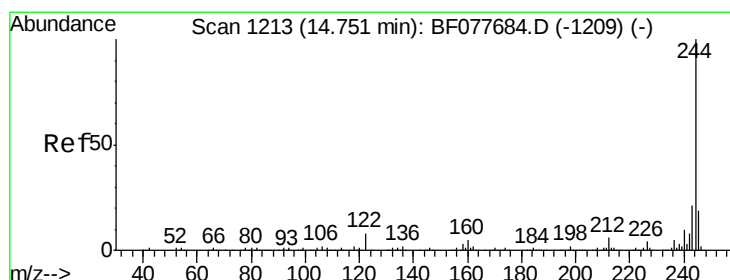
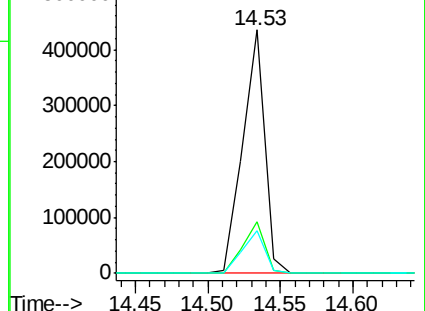
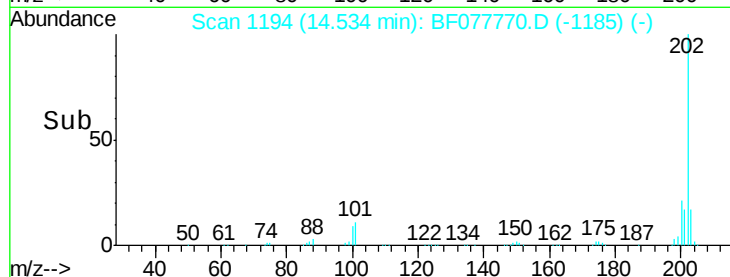
203 17.4 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 63.46 ng

RT: 14.74 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF077770.D

Acq: 17 Mar 2015 14:11

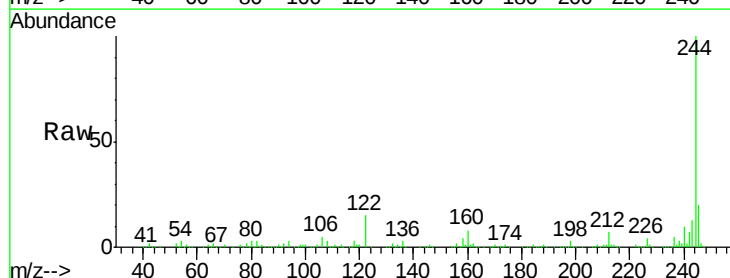
Tgt Ion:244 Resp: 575302

Ion Ratio Lower Upper

244 100

212 7.0 4.9 7.3

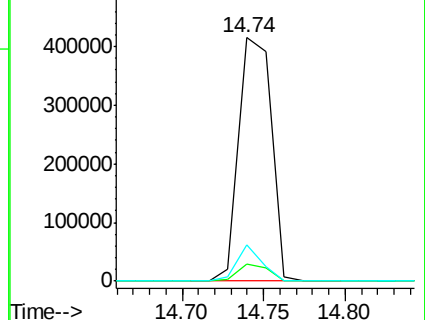
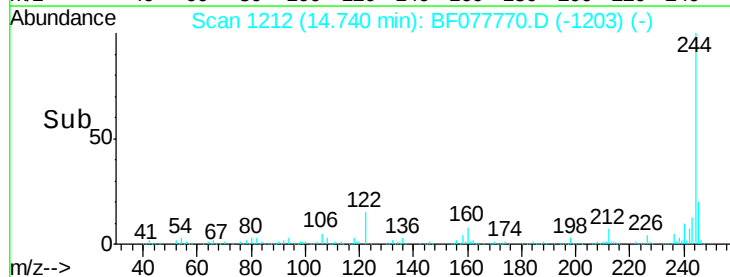
122 14.9 6.2 9.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

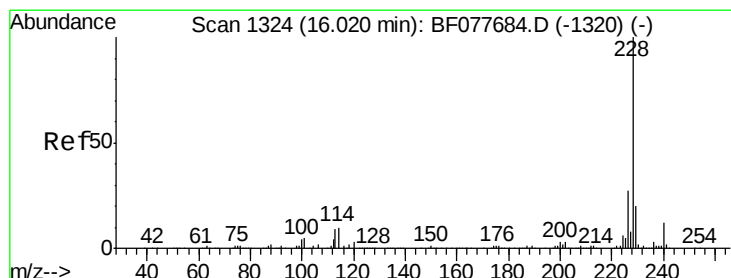
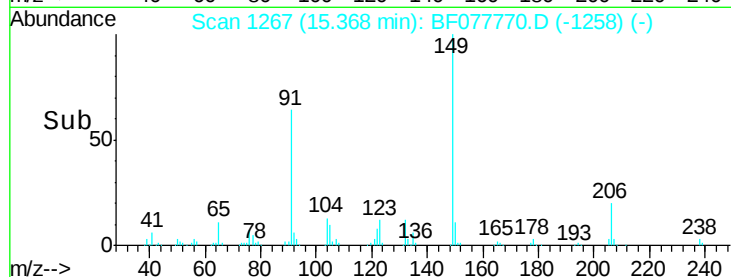
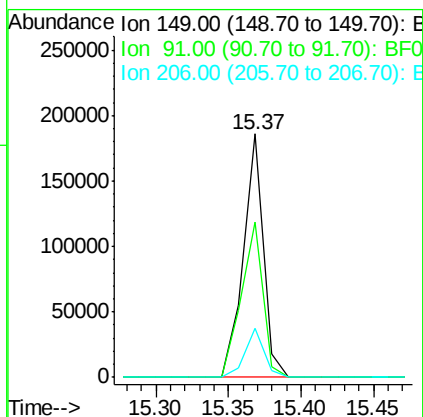
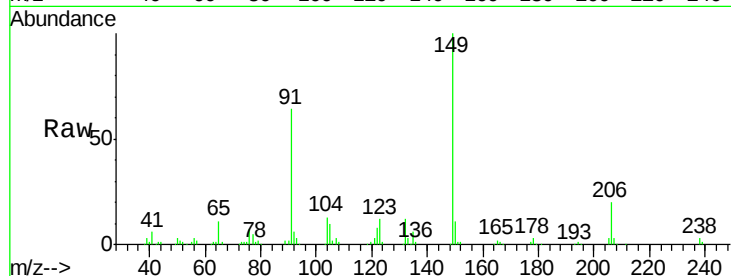




#79
Butylbenzylphthalate
Concen: 32.59 ng
RT: 15.37 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF077770.D
Acq: 17 Mar 2015 14:11

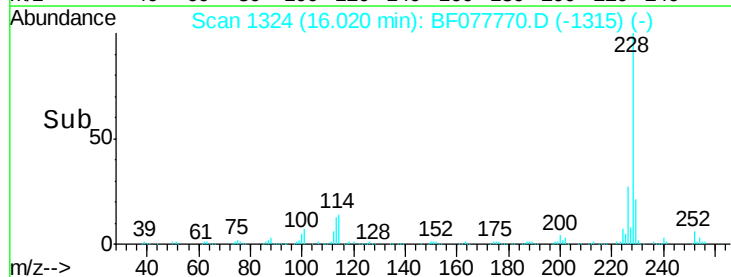
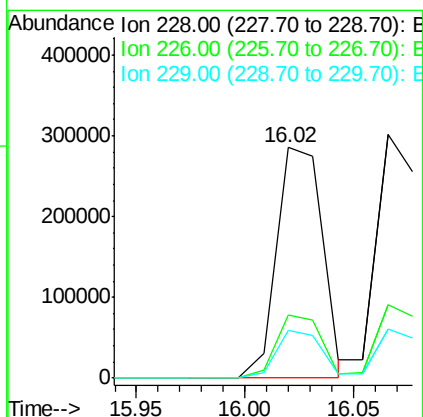
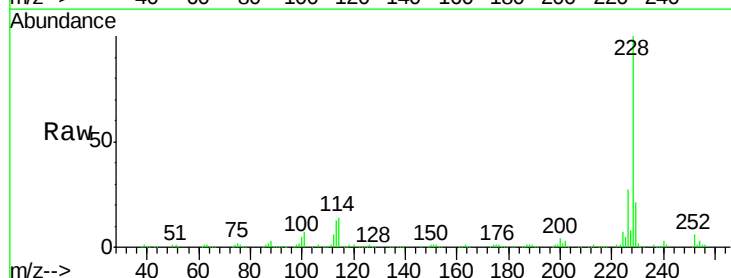
Instrument :
BNA_F
ClientSampleId :
PB82120BSD

Tot Ion:149 Resp: 178950
Ion Ratio Lower Upper
149 100
91 63.6 50.1 75.1
206 20.4 16.2 24.2



#80
Benzo(a)anthracene
Concen: 32.03 ng
RT: 16.02 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF077770.D
Acq: 17 Mar 2015 14:11

Tgt Ion:228 Resp: 420417
Ion Ratio Lower Upper
228 100
226 27.4 21.7 32.5
229 20.6 16.0 24.0

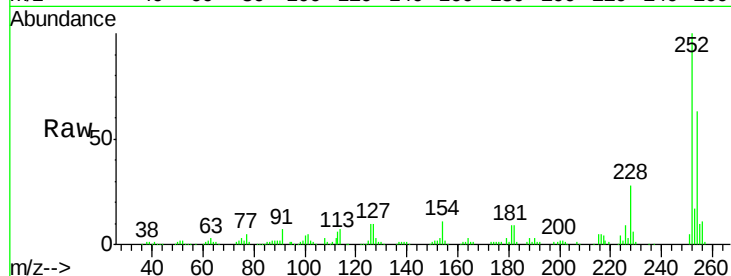




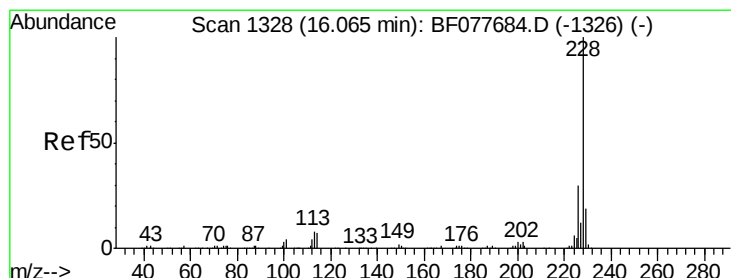
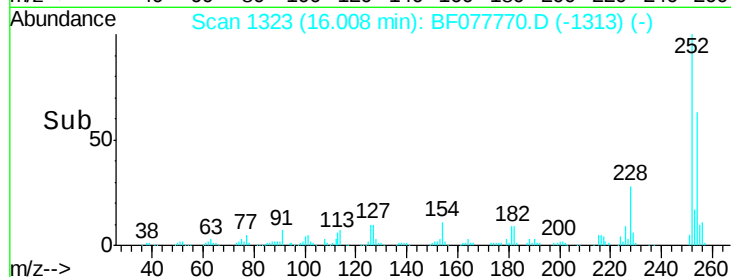
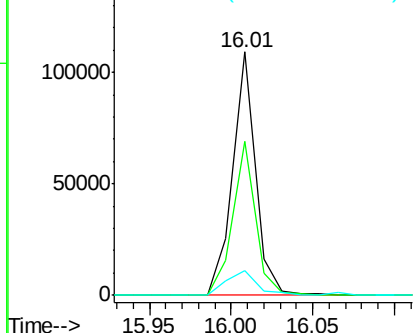
#81
 3,3'-Dichlorobenzidine
 Concen: 24.47 ng
 RT: 16.01 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: BF077770.D
 Acq: 17 Mar 2015 14:11

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

Tot Ion:252 Resp: 105974
 Ion Ratio Lower Upper
 252 100
 254 63.0 51.9 77.9
 126 10.3 9.8 14.8

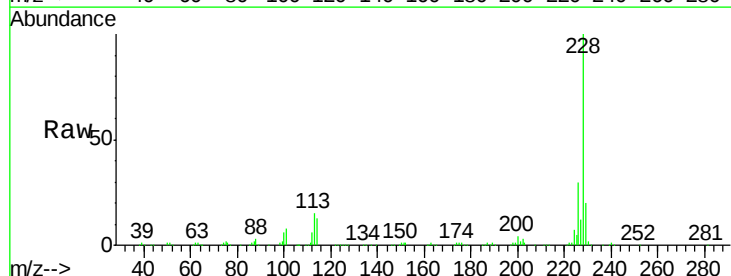


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

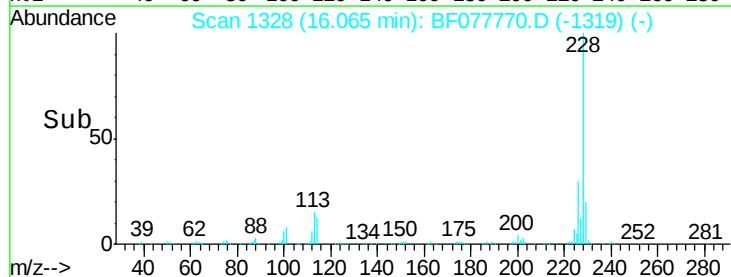
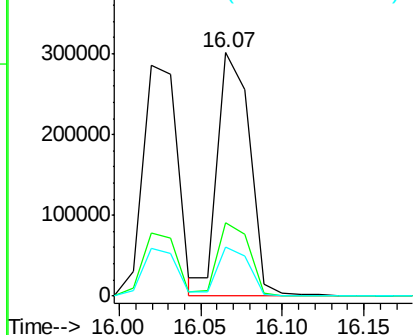


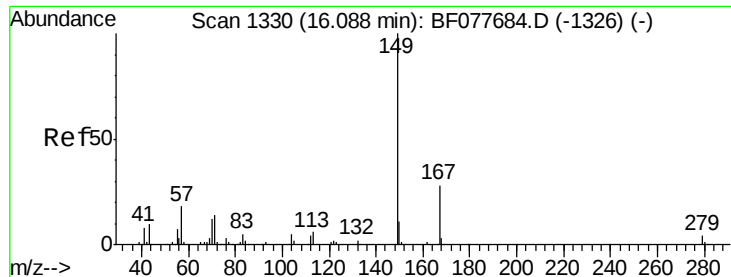
#82
 Chrysene
 Concen: 34.70 ng
 RT: 16.07 min Scan# 1328
 Delta R.T. -0.00 min
 Lab File: BF077770.D
 Acq: 17 Mar 2015 14:11

Tgt Ion:228 Resp: 409586
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.1 36.1
 229 20.0 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

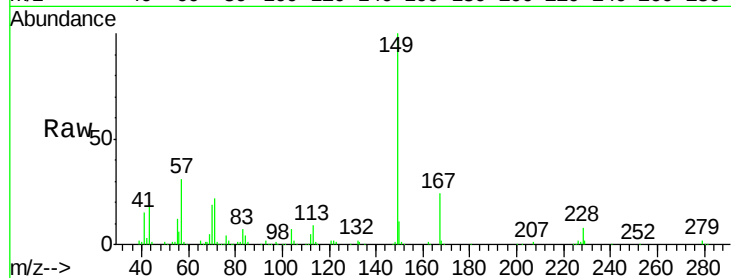




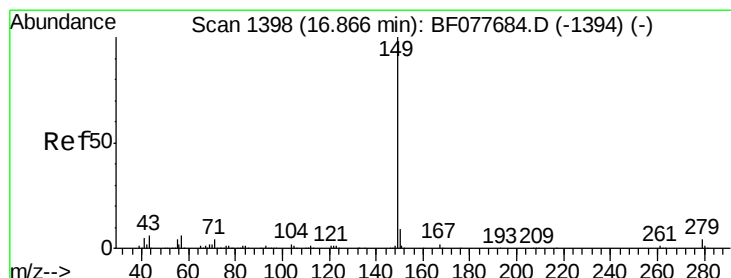
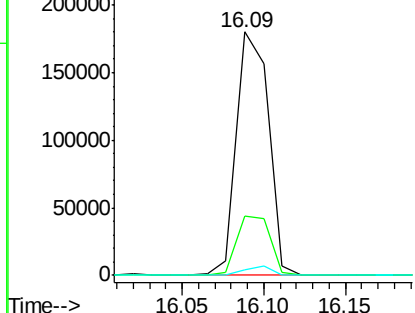
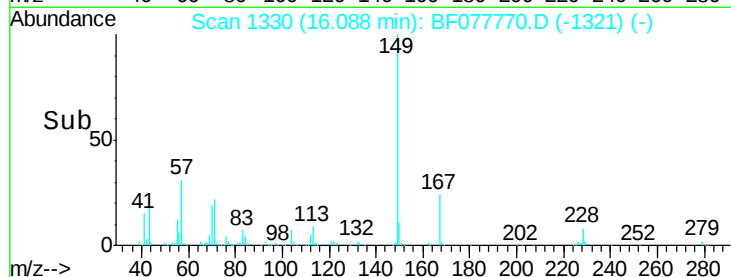
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 29.44 ng
 RT: 16.09 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: BF077770.D
 Acq: 17 Mar 2015 14:11

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

Tot Ion:149 Resp: 244807
 Ion Ratio Lower Upper
 149 100
 167 24.4 22.4 33.6
 279 2.2 3.4 5.0#

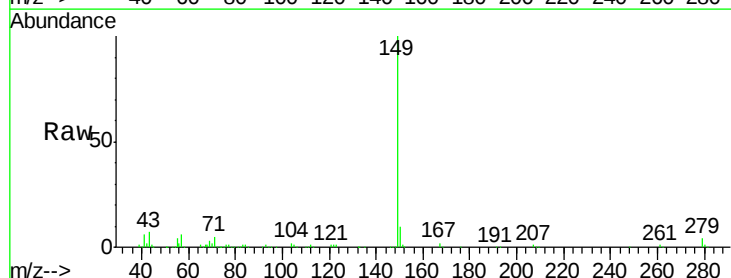


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

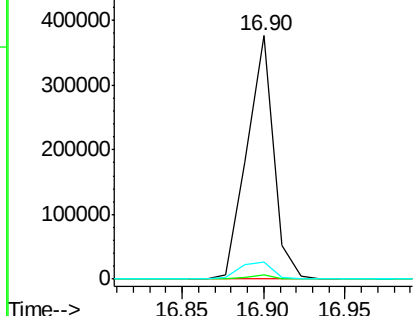
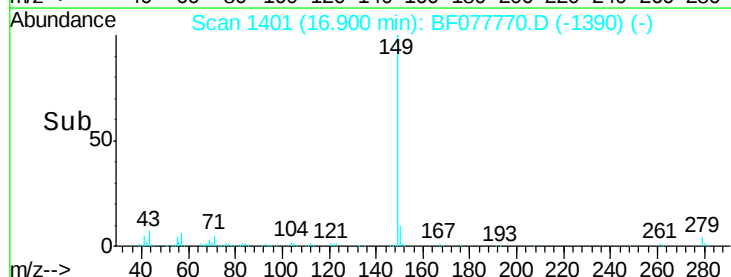


#84
 Di-n-octyl phthalate
 Concen: 30.03 ng
 RT: 16.90 min Scan# 1401
 Delta R.T. 0.02 min
 Lab File: BF077770.D
 Acq: 17 Mar 2015 14:11

Tgt Ion:149 Resp: 427012
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.7 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

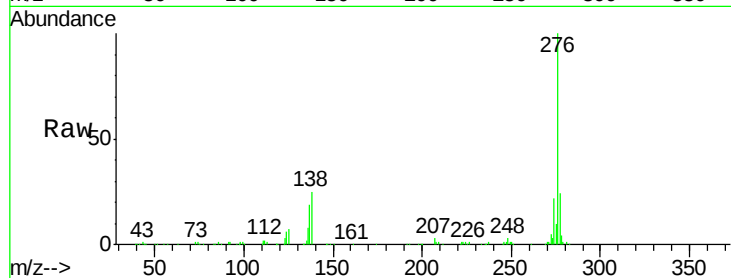




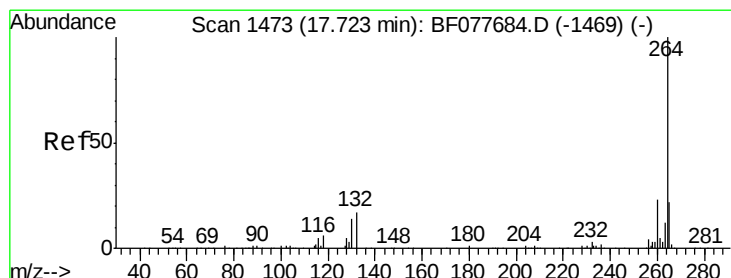
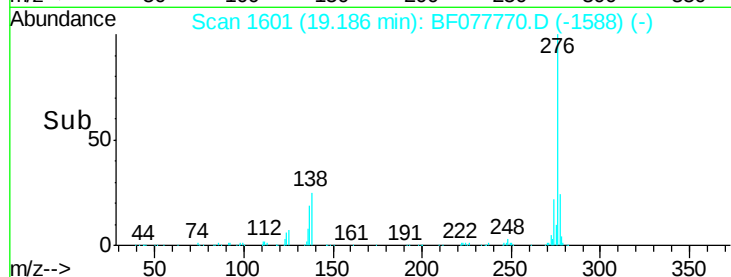
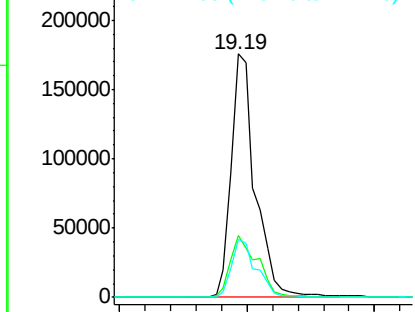
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.14 ng/mL
 RT: 19.19 min Scan# 1601
 Delta R.T. 0.05 min
 Lab File: BF077770.D
 Acq: 17 Mar 2015 14:11

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

Tot Ion: 276 Resp: 458693
 Ion Ratio Lower Upper
 276 100
 138 21.2 0.0 0.0#
 277 19.1 0.0 0.0#

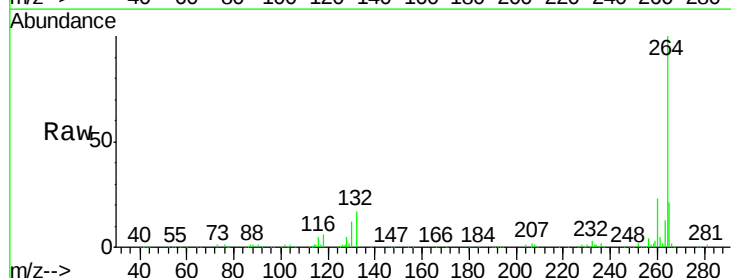


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

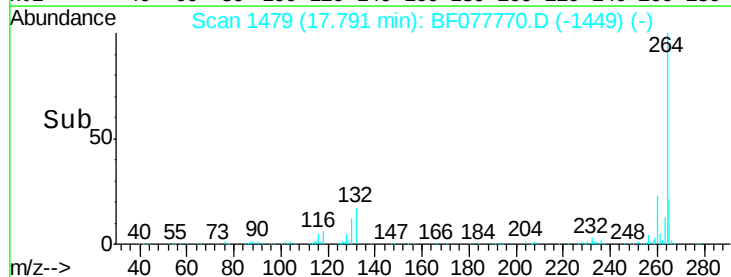
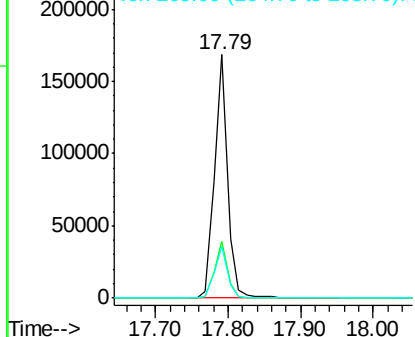


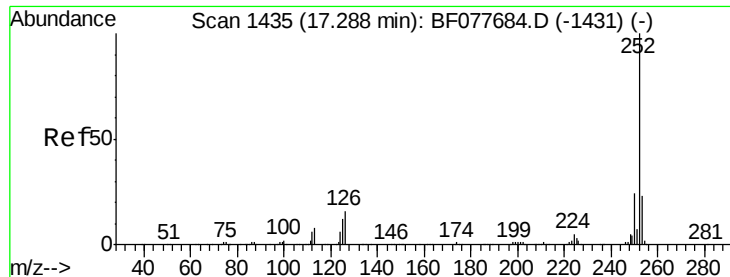
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.79 min Scan# 1479
 Delta R.T. 0.05 min
 Lab File: BF077770.D
 Acq: 17 Mar 2015 14:11

Tgt Ion: 264 Resp: 211738
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 27.8
 265 21.3 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 31.98 ng

RT: 17.33 min Scan# 1439

Delta R.T. 0.03 min

Lab File: BF077770.D

Acq: 17 Mar 2015 14:11

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

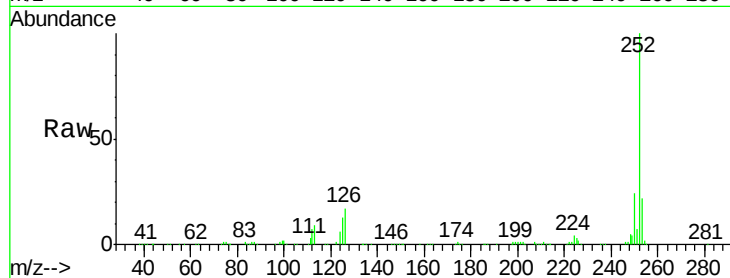
Tot Ion:252 Resp: 442091

Ion Ratio Lower Upper

252 100

253 21.7 18.0 27.0

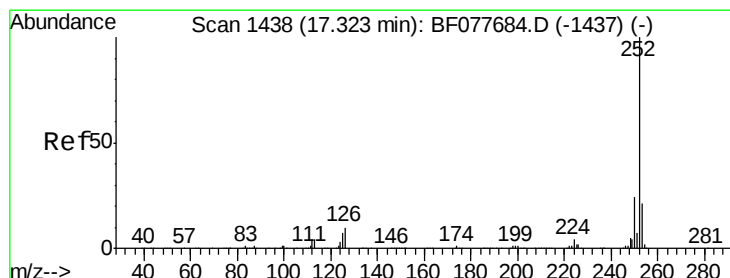
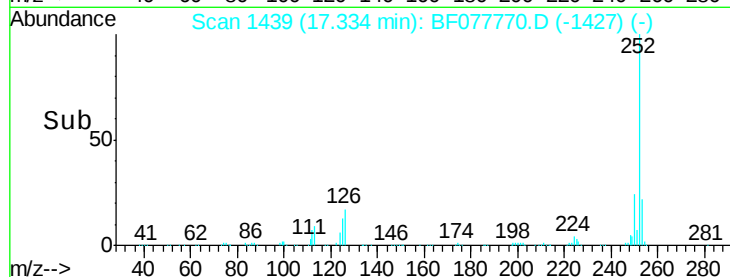
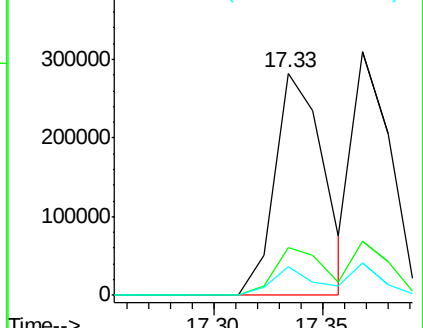
125 13.0 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 34.43 ng

RT: 17.37 min Scan# 1442

Delta R.T. 0.03 min

Lab File: BF077770.D

Acq: 17 Mar 2015 14:11

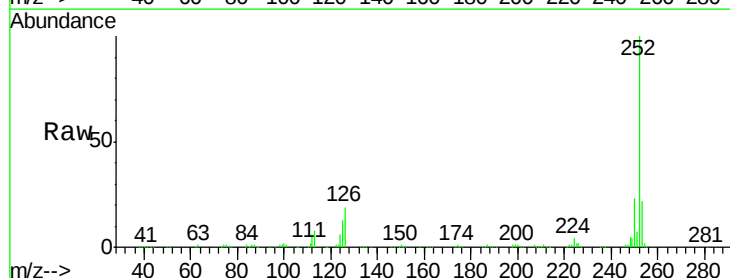
Tgt Ion:252 Resp: 371718

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

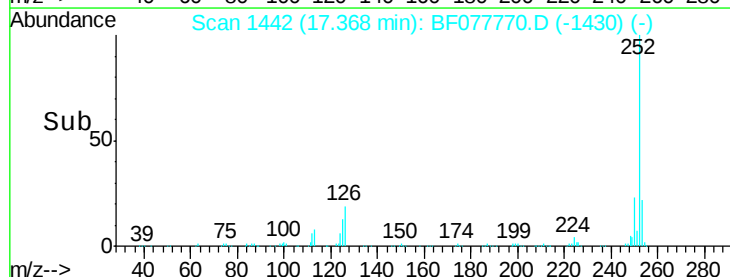
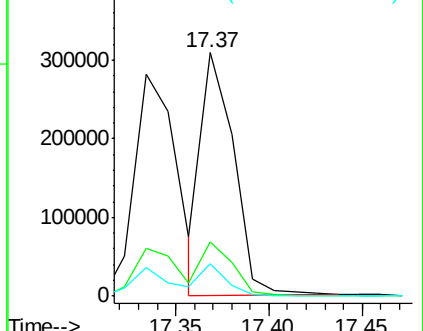
125 13.3 8.1 12.1#

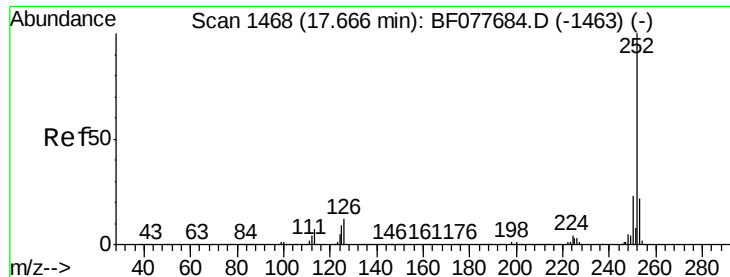


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 34.30 ng

RT: 17.72 min Scan# 1473

Delta R.T. 0.05 min

Lab File: BF077770.D

Acq: 17 Mar 2015 14:11

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

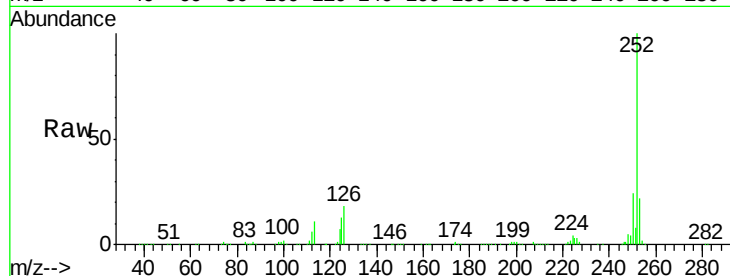
Tot Ion:252 Resp: 395549

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

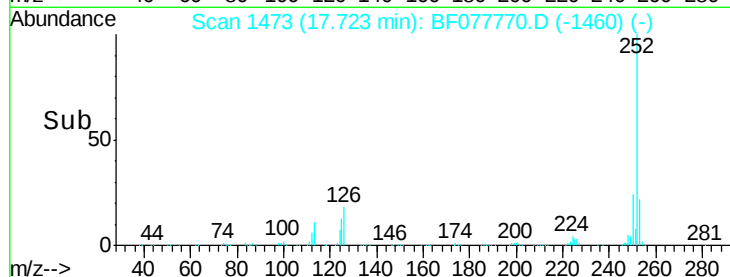
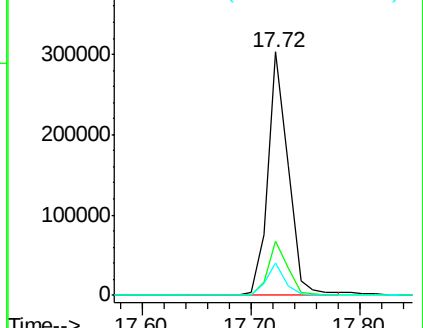
125 13.1 7.4 11.2#



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: 32.48 ng

RT: 19.22 min Scan# 1604

Delta R.T. 0.06 min

Lab File: BF077770.D

Acq: 17 Mar 2015 14:11

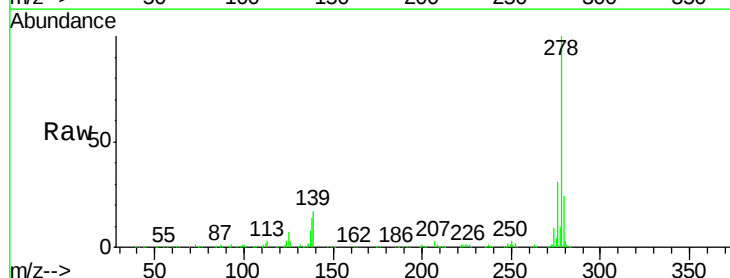
Tgt Ion:278 Resp: 371527

Ion Ratio Lower Upper

278 100

139 17.4 13.4 20.0

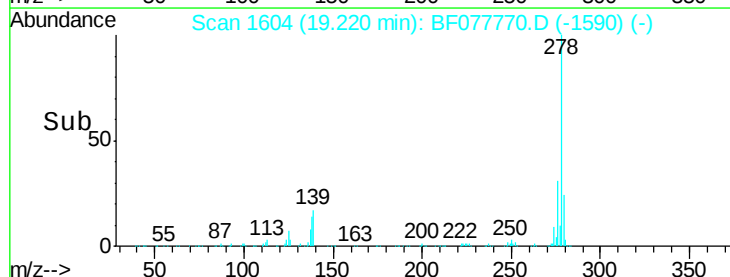
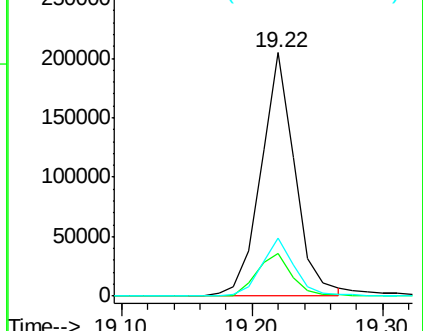
279 24.0 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 32.67 ng

RT: 19.61 min Scan# 1638

Delta R.T. 0.06 min

Lab File: BF077770.D

Acq: 17 Mar 2015 14:11

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

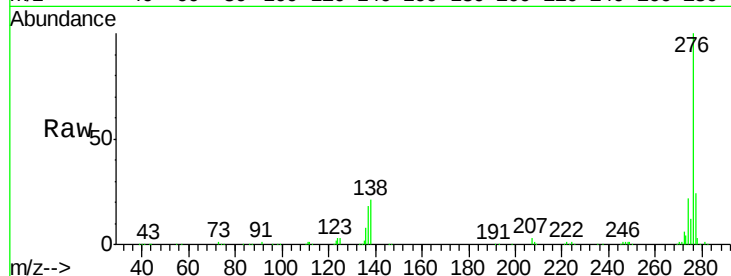
Tot Ion: 276 Resp: 380489

Ion Ratio Lower Upper

276 100

277 23.7 18.5 27.7

138 20.8 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

