

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031715\
 Data File : BF077769.D
 Acq On : 17 Mar 2015 13:42
 Operator : TP/IZ
 Sample : PB82120BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BS

Quant Time: Mar 18 00:02:36 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	51181	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	208793	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	104928	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	207406	20.00	ng	0.00
75) Chrysene-d12	16.04	240	224118	20.00	ng	0.01
86) Perylene-d12	17.80	264	212536	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	312809	106.68	ng	0.00
7) Phenol-d6	6.73	99	379284	104.70	ng	0.00
23) Nitrobenzene-d5	7.86	82	220788	69.32	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	100411	100.02	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	495607	69.41	ng	0.00
78) Terphenyl-d14	14.74	244	567213	61.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.06	88	36358	27.31	ng	# 100
3) Pyridine	2.76	79	92617	25.89	ng	96
4) n-Nitrosodimethylamine	2.68	42	44514	28.58	ng	99
6) Aniline	6.75	93	93216	17.99	ng	# 34
8) 2-Chlorophenol	6.89	128	119297	34.18	ng	95
9) Benzaldehyde	6.60	77	9243	6.23	ng	98
10) Phenol	6.75	94	142099	33.18	ng	89
11) bis(2-Chloroethyl)ether	6.85	93	113867	35.50	ng	96
12) 1,3-Dichlorobenzene	7.08	146	125108	32.23	ng	97
13) 1,4-Dichlorobenzene	7.18	146	127883	31.71	ng	99
14) 1,2-Dichlorobenzene	7.37	146	120393	32.56	ng	98
15) Benzyl Alcohol	7.34	79	93952	33.22	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.53	45	142758	33.03	ng	98
17) 2-Methylphenol	7.49	107	92006	32.38	ng	97
18) Hexachloroethane	7.78	117	41857	31.64	ng	92
19) n-Nitroso-di-n-propylamine	7.68	70	76623	30.57	ng	93
20) 3+4-Methylphenols	7.69	107	124901	33.50	ng	94
22) Acetophenone	7.68	105	160942	34.82	ng	# 91
24) Nitrobenzene	7.88	77	116023	33.81	ng	# 84
25) Isophorone	8.18	82	210915	32.79	ng	96
26) 2-Nitrophenol	8.27	139	57464	34.21	ng	90
27) 2,4-Dimethylphenol	8.34	122	103459	33.80	ng	94
28) bis(2-Chloroethoxy)methane	8.46	93	138019	35.35	ng	98
29) 2,4-Dichlorophenol	8.57	162	97644	33.47	ng	94
30) 1,2,4-Trichlorobenzene	8.67	180	104250	31.94	ng	98
31) Naphthalene	8.76	128	336244	31.36	ng	100
32) Benzoic acid	8.45	122	60630	36.32	ng	94
33) 4-Chloroaniline	8.84	127	93059	21.38	ng	# 96
34) Hexachlorobutadiene	8.92	225	57784	31.23	ng	97
35) Caprolactam	9.26	113	30707	36.02	ng	97
36) 4-Chloro-3-methylphenol	9.45	107	99397	33.86	ng	# 84
37) 2-Methylnaphthalene	9.62	142	234420	32.54	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	101544	32.45	ng	# 100
40) Hexachlorocyclopentadiene	9.81	237	99366	64.08	ng	96

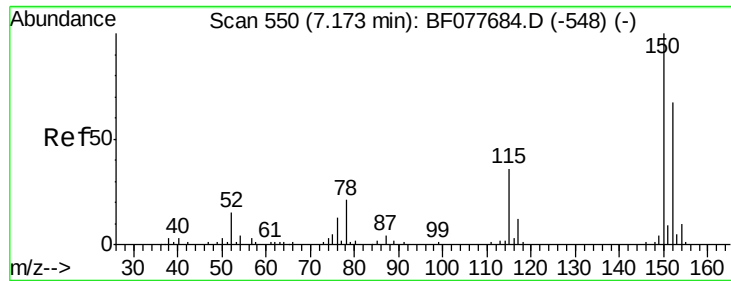
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031715\
 Data File : BF077769.D
 Acq On : 17 Mar 2015 13:42
 Operator : TP/IZ
 Sample : PB82120BS
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.97	196	70284	32.42	ng	97
43) 2,4,5-Trichlorophenol	10.02	196	77528	33.10	ng	# 86
45) 1,1'-Biphenyl	10.20	154	274083	32.68	ng	98
46) 2-Chloronaphthalene	10.22	162	225392	33.07	ng	96
47) 2-Nitroaniline	10.36	65	59733	35.28	ng	# 73
48) Acenaphthylene	10.73	152	355032	31.32	ng	100
49) Dimethylphthalate	10.60	163	260390	33.46	ng	99
50) 2,6-Dinitrotoluene	10.67	165	57997	35.95	ng	# 76
51) Acenaphthene	10.95	154	200456	30.84	ng	98
52) 3-Nitroaniline	10.87	138	46967	25.07	ng	82
53) 2,4-Dinitrophenol	11.00	184	46081	77.98	ng	# 81
54) Dibenzofuran	11.16	168	315665	32.75	ng	95
55) 4-Nitrophenol	11.09	139	107555	77.50	ng	97
56) 2,4-Dinitrotoluene	11.16	165	77513	36.85	ng	# 83
57) Fluorene	11.59	166	259454	32.42	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.32	232	61941	34.35	ng	# 100
59) Diethylphthalate	11.47	149	246931	32.56	ng	97
60) 4-Chlorophenyl-phenylether	11.60	204	115574	31.64	ng	90
61) 4-Nitroaniline	11.62	138	60060	32.17	ng	81
62) Azobenzene	11.79	77	236326	32.61	ng	91
64) 4,6-Dinitro-2-methylphenol	11.67	198	32104	34.15	ng	79
65) n-Nitrosodiphenylamine	11.75	169	218547	31.65	ng	99
66) 4-Bromophenyl-phenylether	12.20	248	69880	31.57	ng	# 83
67) Hexachlorobenzene	12.26	284	76575	31.49	ng	# 82
68) Atrazine	12.42	200	68021	35.15	ng	93
69) Pentachlorophenol	12.51	266	83926	66.43	ng	97
70) Phenanthrene	12.77	178	384411	32.29	ng	100
71) Anthracene	12.84	178	389821	33.14	ng	99
72) Carbazole	13.05	167	375787	33.58	ng	99
73) Di-n-butylphthalate	13.51	149	410280	32.70	ng	99
74) Fluoranthene	14.25	202	418220	31.85	ng	93
76) Benzidine	14.43	184	167869	30.16	ng	99
77) Pyrene	14.53	202	460247	32.66	ng	99
79) Butylbenzylphthalate	15.37	149	172105	30.97	ng	94
80) Benzo(a)anthracene	16.03	228	438534	33.01	ng	99
81) 3,3'-Dichlorobenzidine	16.01	252	103452	23.61	ng	98
82) Chrysene	16.08	228	402836	33.72	ng	99
83) Bis(2-ethylhexyl)phthalate	16.10	149	249340	29.62	ng	98
84) Di-n-octyl phthalate	16.91	149	417187	28.99	ng	99
87) Benzo(b)fluoranthene	17.35	252	429693	30.97	ng	99
88) Benzo(k)fluoranthene	17.38	252	392100	36.18	ng	# 96
89) Benzo(a)pyrene	17.75	252	403687	34.87	ng	99
90) Dibenzo(a,h)anthracene	19.24	278	371073	32.32	ng	99
91) Benzo(g,h,i)perylene	19.62	276	382705	32.74	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.16 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF077769.D

Acq: 17 Mar 2015 13:42

Instrument :

BNA_F

ClientSampleId :

PB82120BS

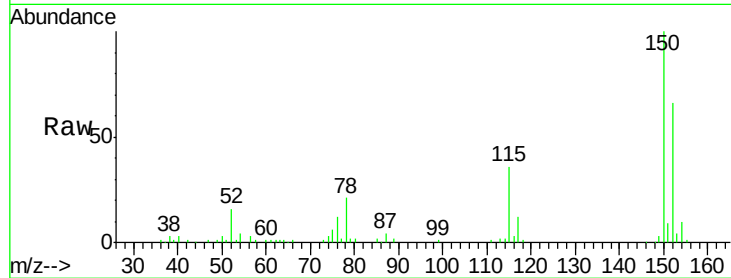
Tgt Ion:152 Resp: 51181

Ion Ratio Lower Upper

152 100

150 152.1 119.5 179.3

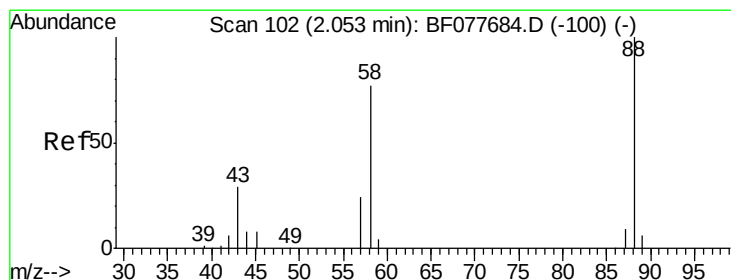
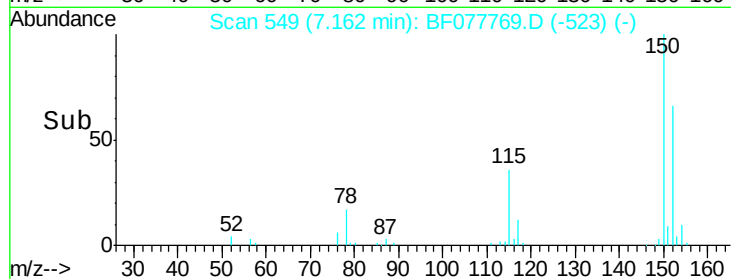
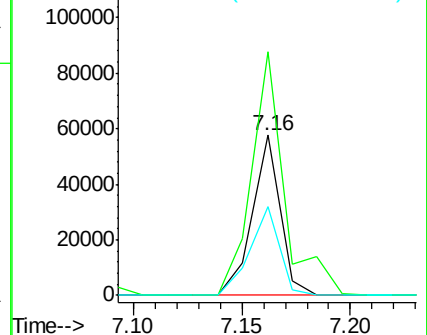
115 55.2 43.0 64.4



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: 27.31 ng

RT: 2.06 min Scan# 103

Delta R.T. 0.02 min

Lab File: BF077769.D

Acq: 17 Mar 2015 13:42

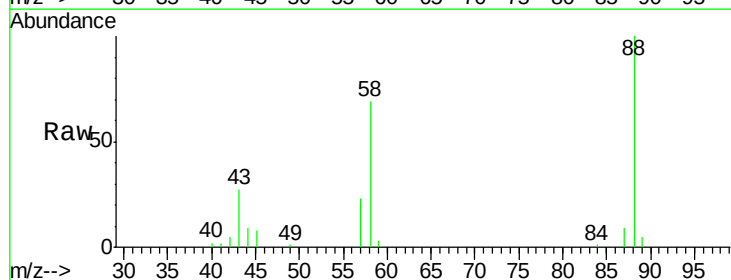
Tgt Ion: 88 Resp: 36358

Ion Ratio Lower Upper

88 100

58 70.3 0.0 0.0#

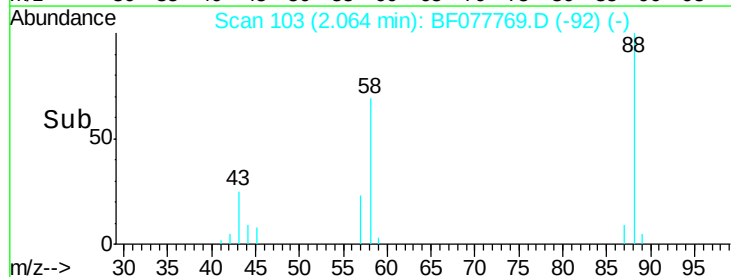
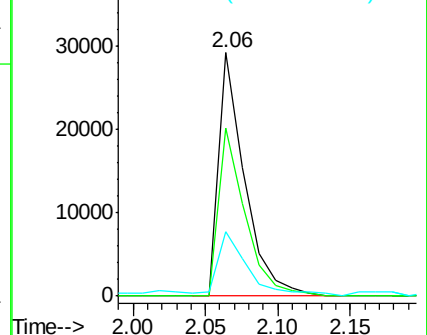
43 30.7 0.0 0.0#

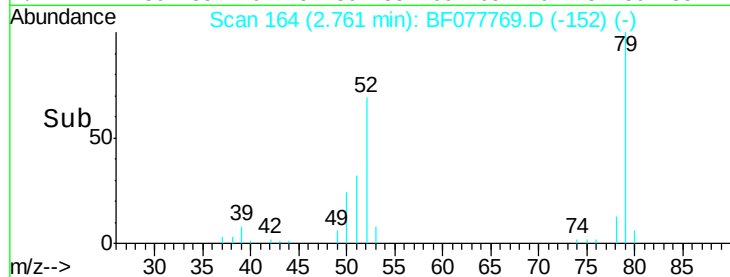
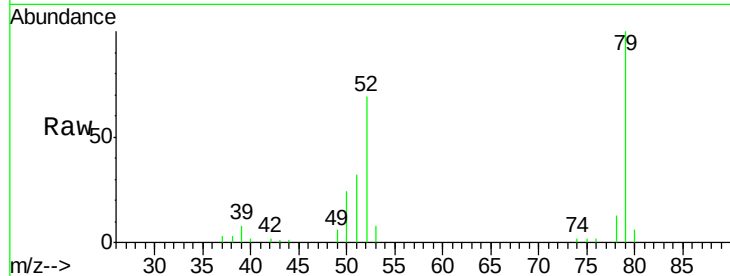
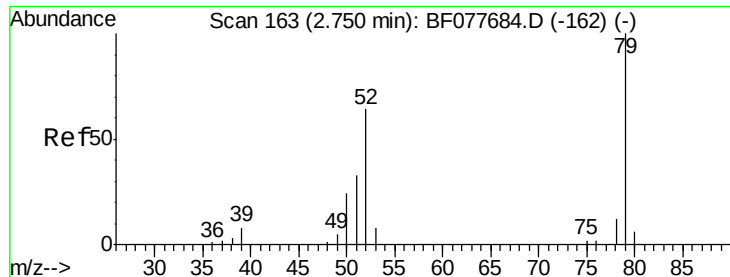


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 25.89 ng

RT: 2.76 min Scan# 164

Delta R.T. 0.03 min

Lab File: BF077769.D

Acq: 17 Mar 2015 13:42

Instrument :

BNA_F

ClientSampleId :

PB82120BS

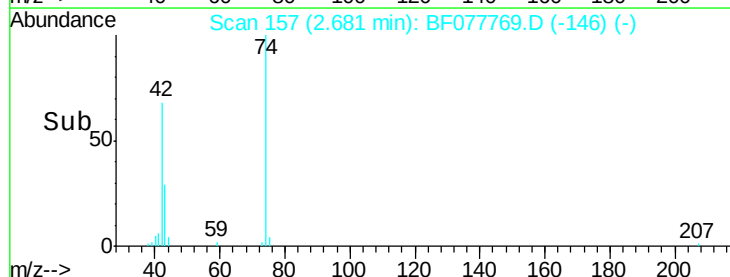
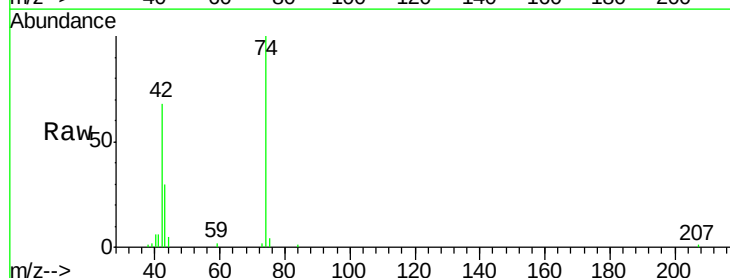
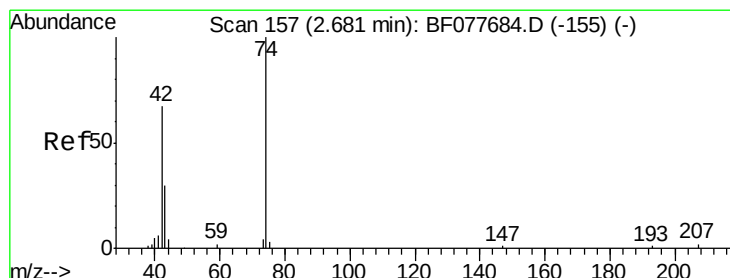
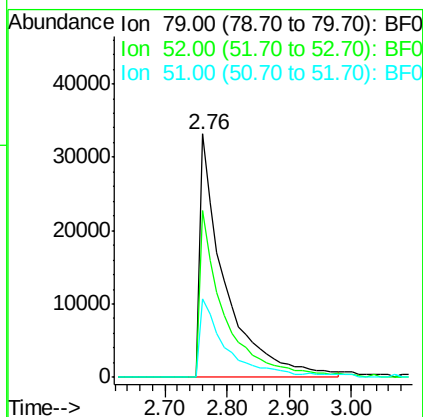
Tgt Ion: 79 Resp: 92617

Ion Ratio Lower Upper

79 100

52 68.6 51.1 76.7

51 32.3 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 28.58 ng

RT: 2.68 min Scan# 157

Delta R.T. 0.02 min

Lab File: BF077769.D

Acq: 17 Mar 2015 13:42

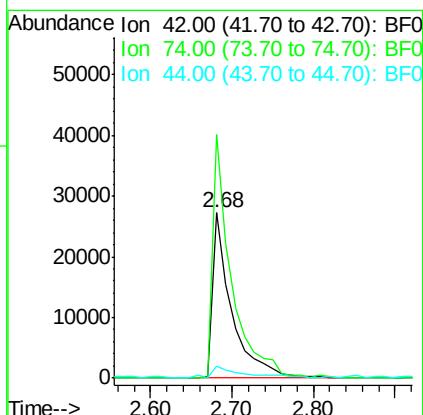
Tgt Ion: 42 Resp: 44514

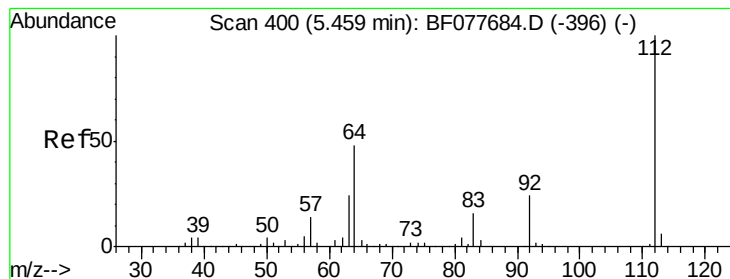
Ion Ratio Lower Upper

42 100

74 147.6 119.3 178.9

44 7.5 5.4 8.2





#5

2-Fluorophenol

Concen: 106.68 ng

RT: 5.45 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF077769.D

Acq: 17 Mar 2015 13:42

Instrument :

BNA_F

ClientSampleId :

PB82120BS

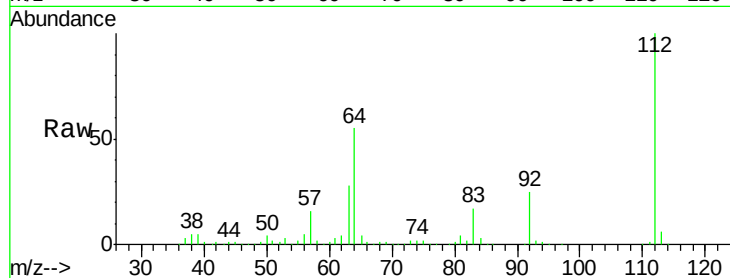
Tgt Ion: 112 Resp: 312809

Ion Ratio Lower Upper

112 100

64 54.9 38.6 57.8

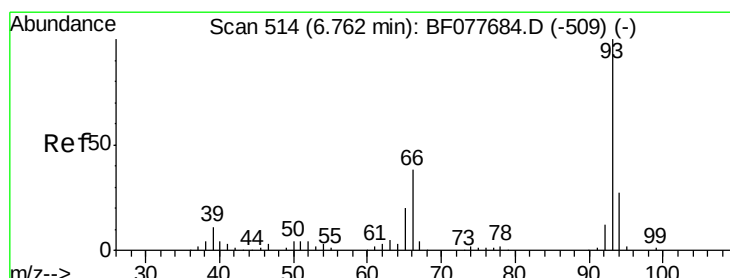
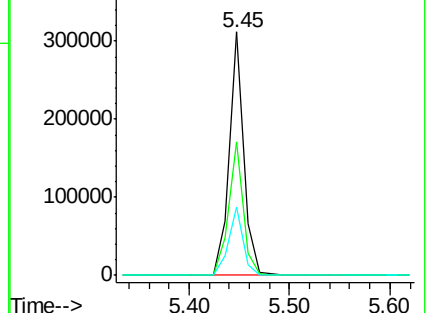
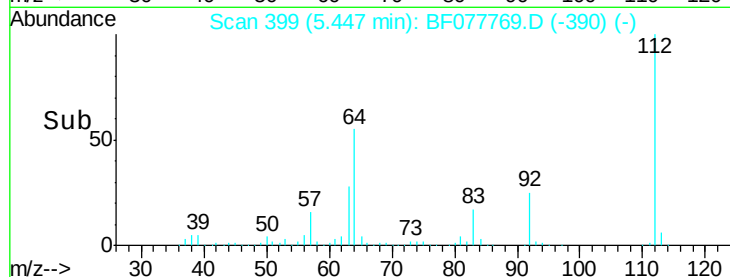
63 27.8 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.99 ng

RT: 6.75 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF077769.D

Acq: 17 Mar 2015 13:42

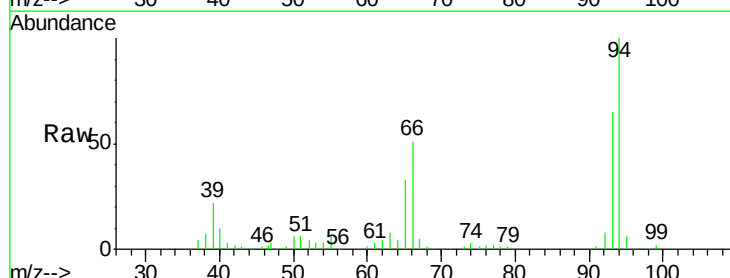
Tgt Ion: 93 Resp: 93216

Ion Ratio Lower Upper

93 100

66 78.5 30.8 46.2#

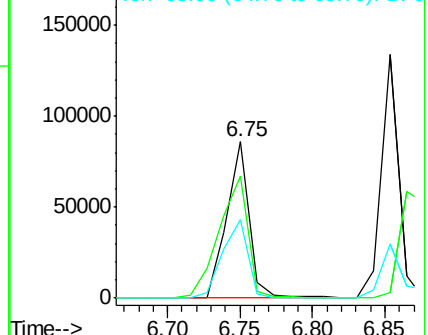
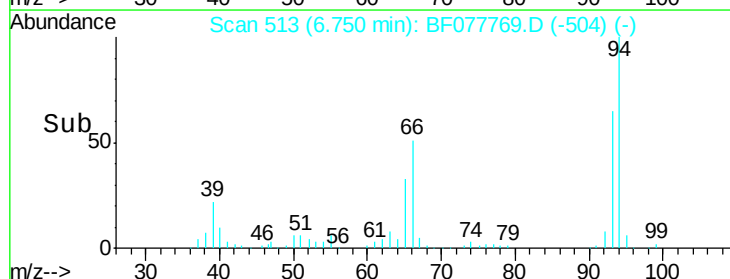
65 50.3 16.0 24.0#

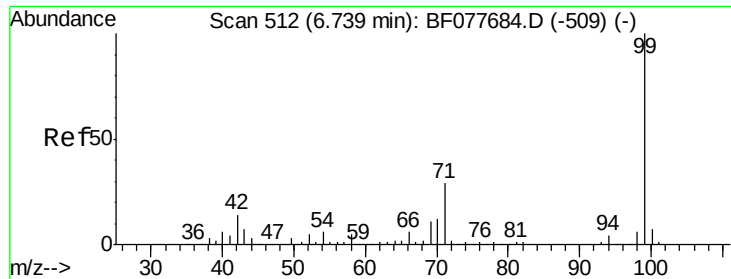


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 104.70 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077769.D

Acq: 17 Mar 2015 13:42

Instrument :

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ClientSampleId :

PB82120BS

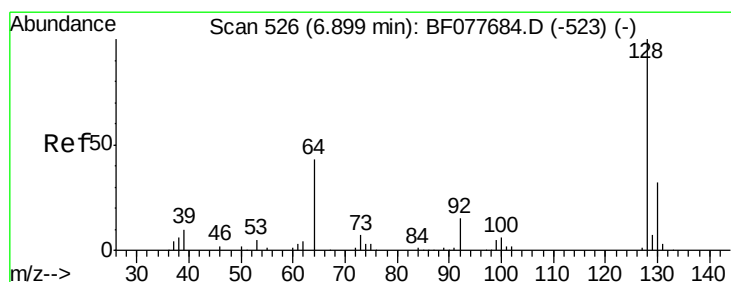
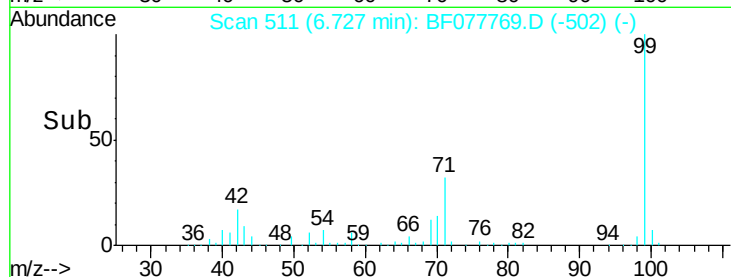
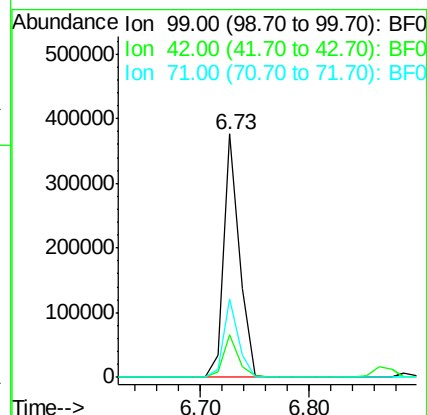
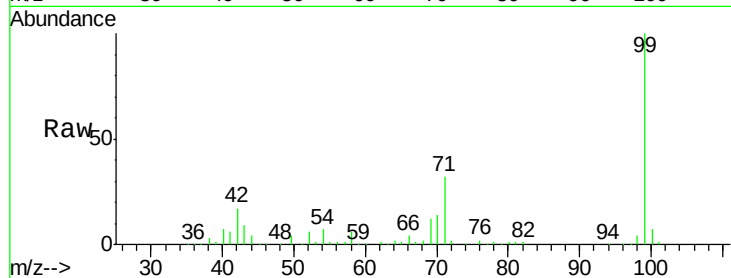
Tgt Ion: 99 Resp: 379284

Ion Ratio Lower Upper

99 100

42 17.4 11.0 16.4#

71 32.5 23.4 35.2



#8

2-Chlorophenol

Concen: 34.18 ng

RT: 6.89 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF077769.D

Acq: 17 Mar 2015 13:42

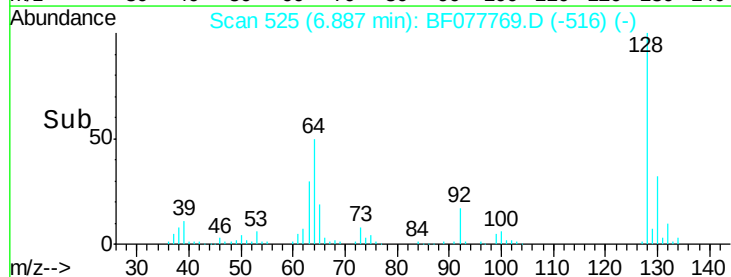
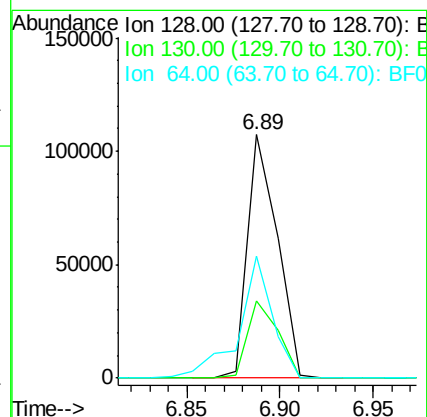
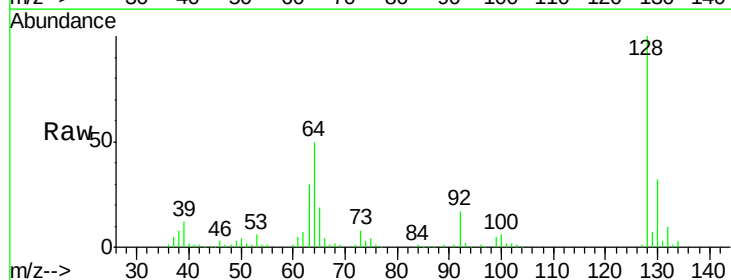
Tgt Ion: 128 Resp: 119297

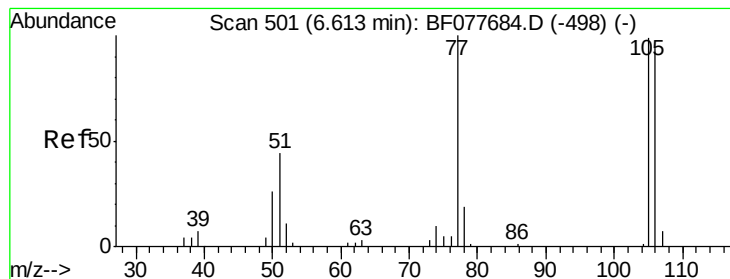
Ion Ratio Lower Upper

128 100

130 31.8 12.0 52.0

64 50.2 24.9 64.9





#9

Benzaldehyde

Concen: 6.23 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF077769.D

Acq: 17 Mar 2015 13:42

Instrument :

BNA_F

ClientSampleId :

PB82120BS

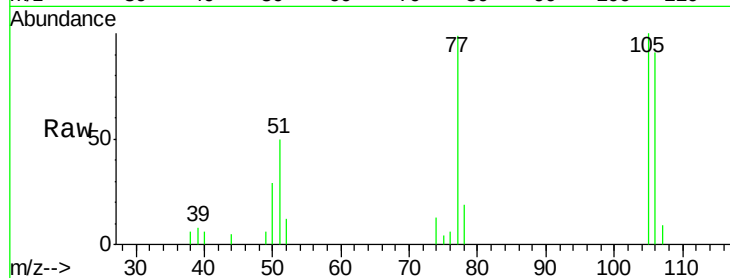
Tgt Ion: 77 Resp: 9243

Ion Ratio Lower Upper

77 100

105 101.0 78.8 118.8

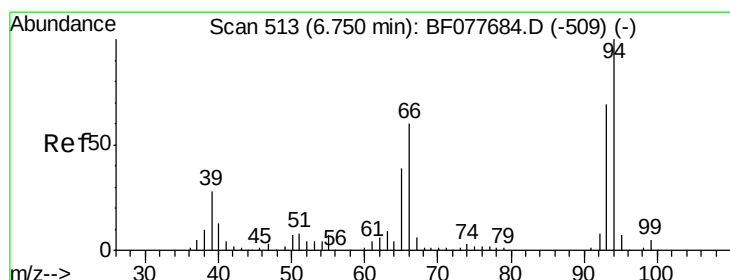
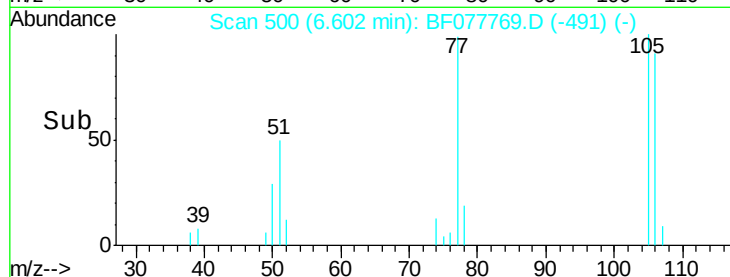
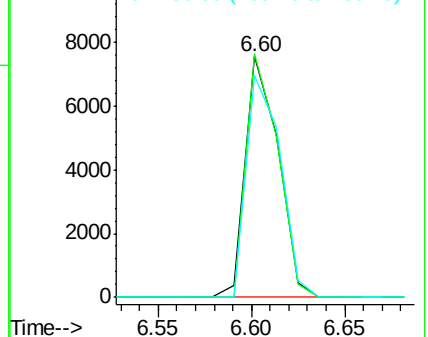
106 92.3 73.7 113.7



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: 33.18 ng

RT: 6.75 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF077769.D

Acq: 17 Mar 2015 13:42

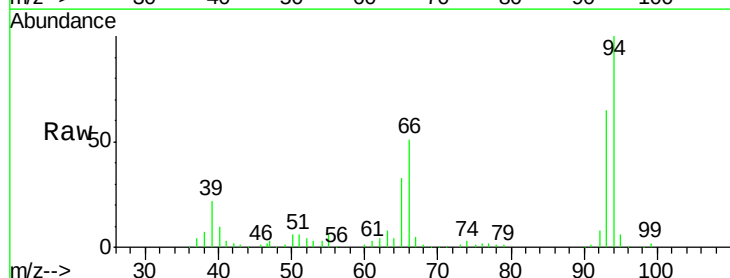
Tgt Ion: 94 Resp: 142099

Ion Ratio Lower Upper

94 100

65 32.6 18.8 58.8

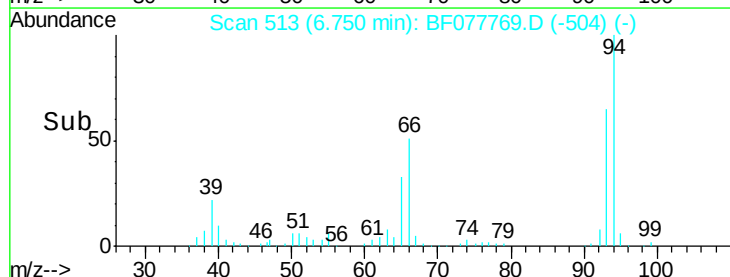
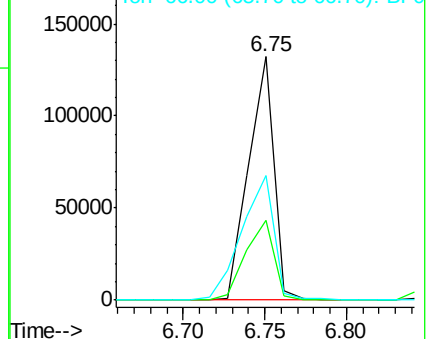
66 50.9 39.9 79.9

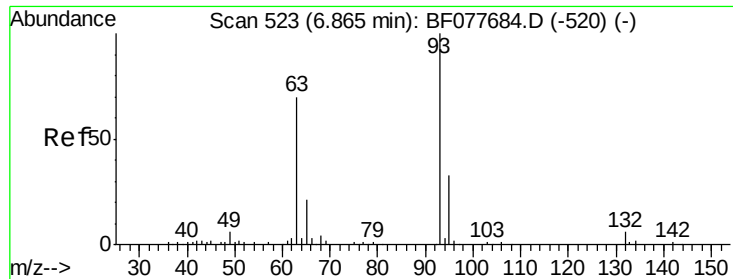


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

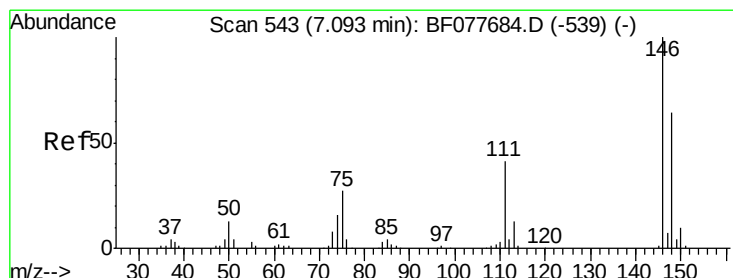
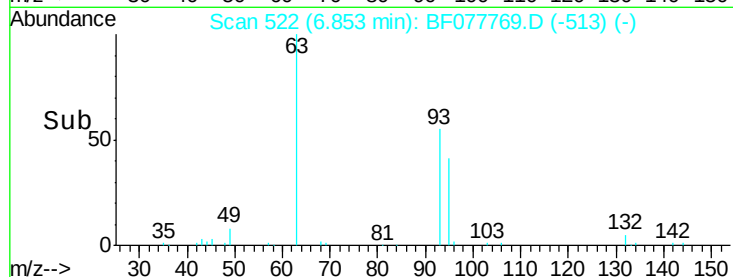
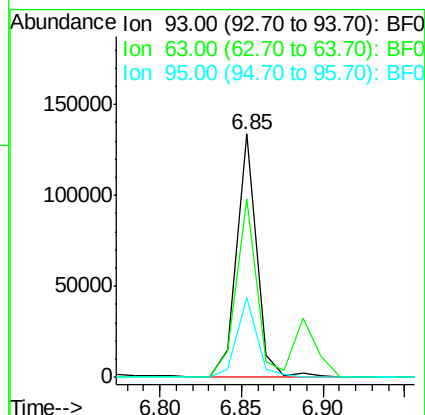
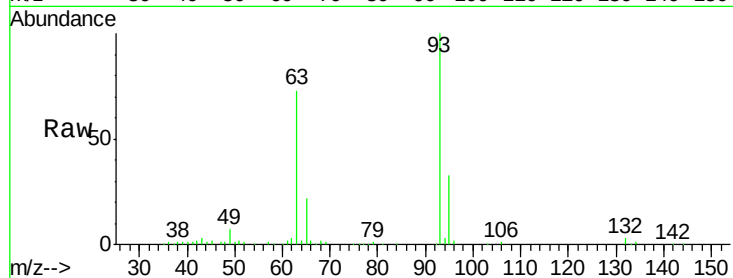




#11
bis(2-Chloroethyl)ether
Concen: 35.50 ng
RT: 6.85 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF077769.D
Acq: 17 Mar 2015 13:42

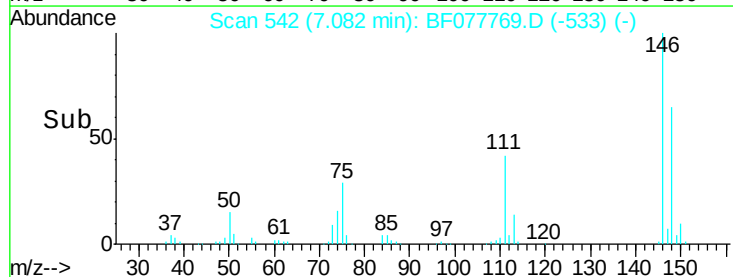
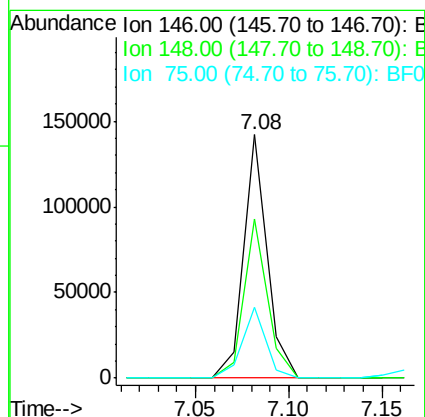
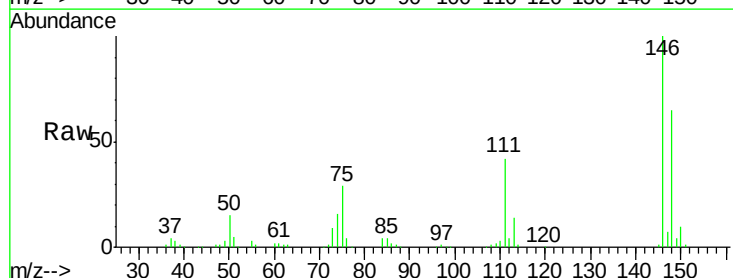
Instrument :
BNA_F
ClientSampleId :
PB82120BS

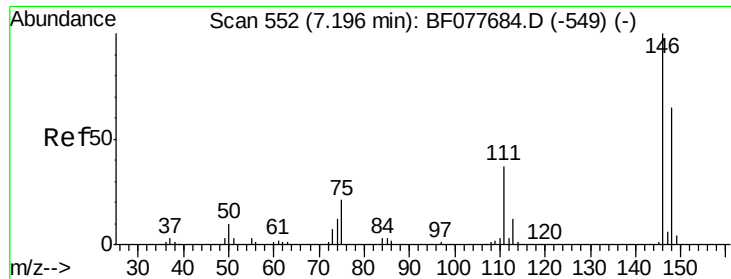
Tgt Ion: 93 Resp: 113867
Ion Ratio Lower Upper
93 100
63 73.3 49.5 89.5
95 32.7 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 32.23 ng
RT: 7.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF077769.D
Acq: 17 Mar 2015 13:42

Tgt Ion: 146 Resp: 125108
Ion Ratio Lower Upper
146 100
148 65.4 50.9 76.3
75 29.2 21.4 32.2

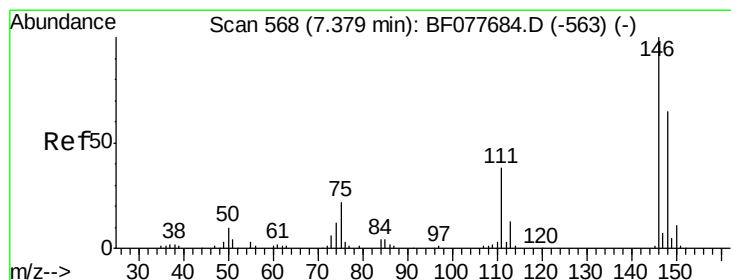
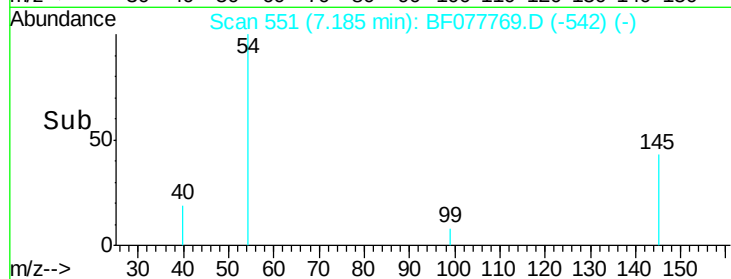
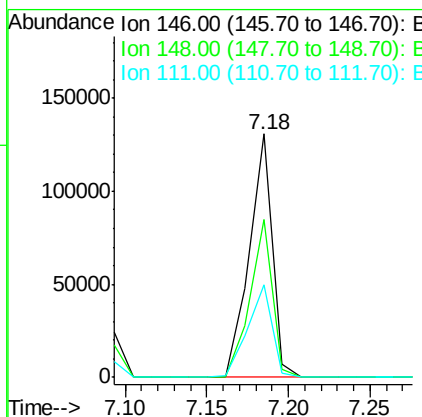
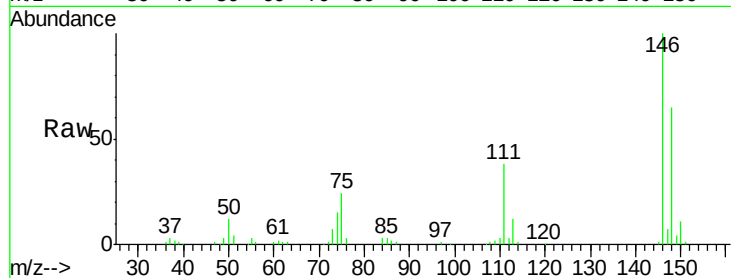




#13
 1,4-Dichlorobenzene
 Concen: 31.71 ng
 RT: 7.18 min Scan# 551
 Delta R.T. 0.00 min
 Lab File: BF077769.D
 Acq: 17 Mar 2015 13:42

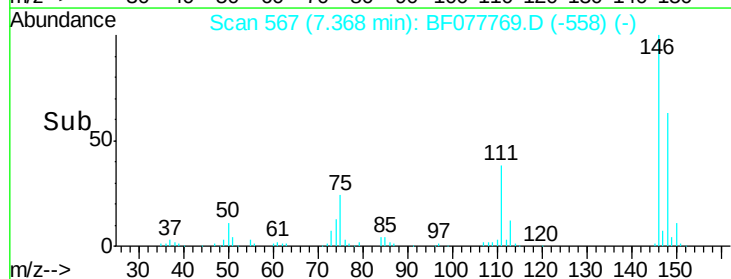
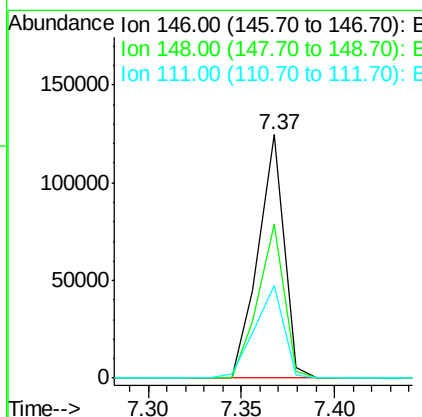
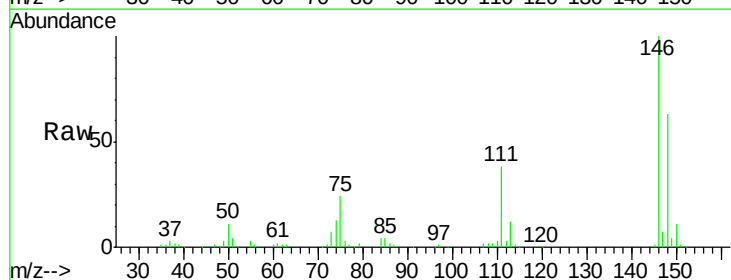
Instrument :
 BNA_F
 ClientSampleId :
 PB82120BS

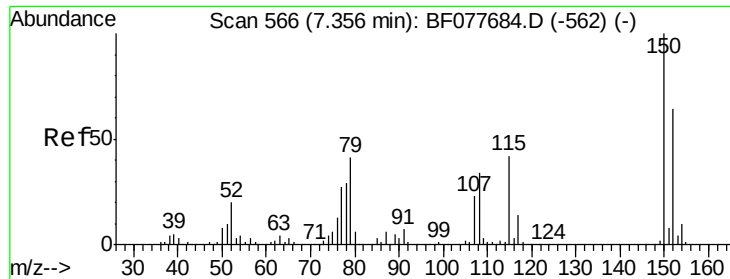
Tgt Ion:146 Resp: 127883
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.9 77.9
 111 38.1 29.2 43.8



#14
 1,2-Dichlorobenzene
 Concen: 32.56 ng
 RT: 7.37 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF077769.D
 Acq: 17 Mar 2015 13:42

Tgt Ion:146 Resp: 120393
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.3 78.5
 111 38.2 30.6 45.8

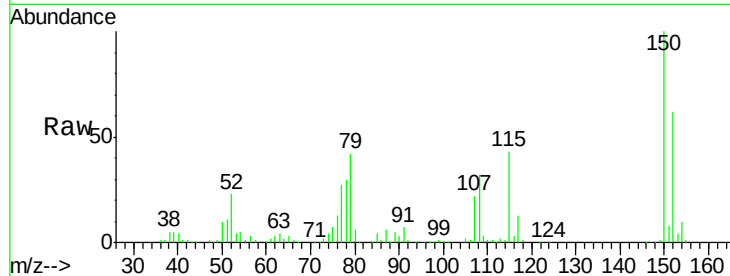




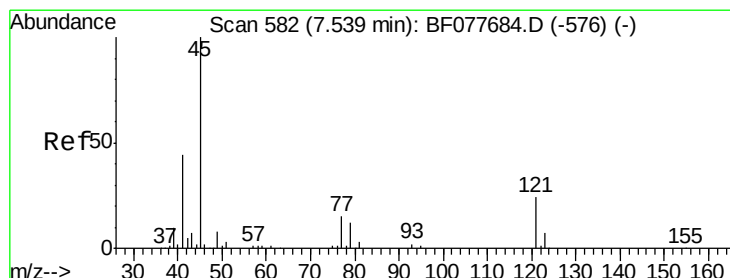
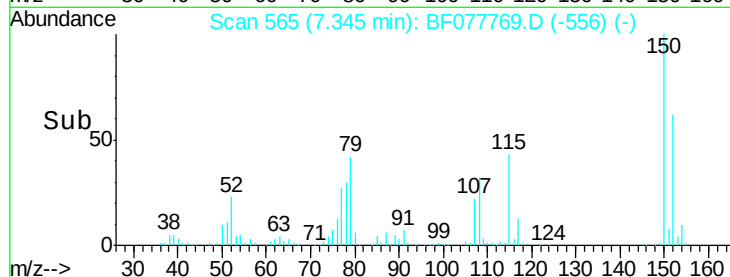
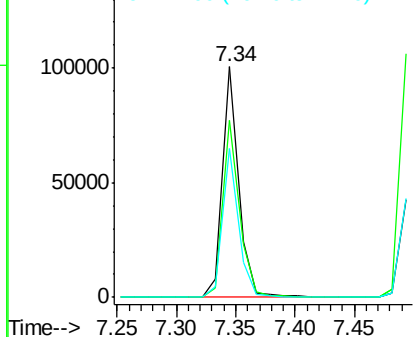
#15
Benzyl Alcohol
Concen: 33.22 ng
RT: 7.34 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF077769.D
Acq: 17 Mar 2015 13:42

Instrument :
BNA_F
ClientSampleId :
PB82120BS

Tgt Ion: 79 Resp: 93952
Ion Ratio Lower Upper
79 100
108 76.6 65.0 97.4
77 64.5 53.0 79.6

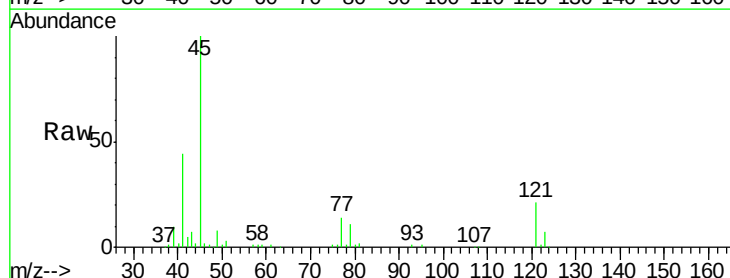


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

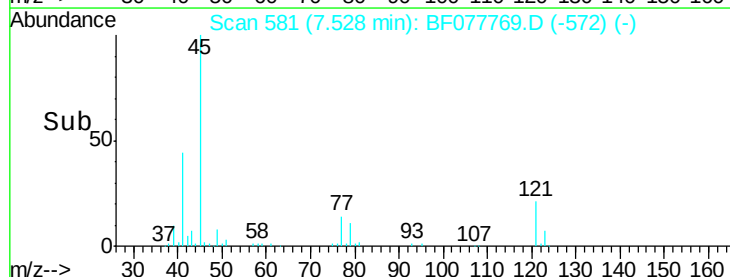
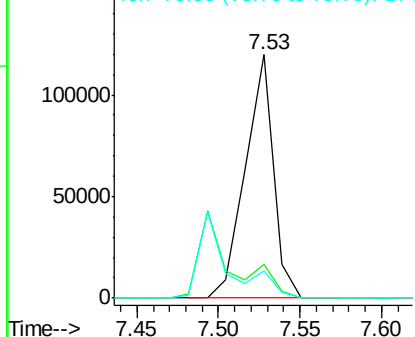


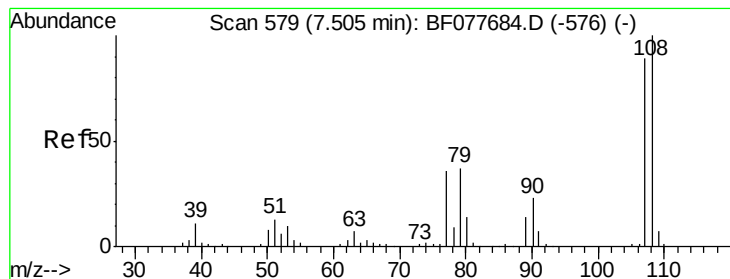
#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.03 ng
RT: 7.53 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF077769.D
Acq: 17 Mar 2015 13:42

Tgt Ion: 45 Resp: 142758
Ion Ratio Lower Upper
45 100
77 14.0 0.0 35.2
79 11.3 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: 32.38 ng

RT: 7.49 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF077769.D

Acq: 17 Mar 2015 13:42

Instrument :

BNA_F

ClientSampleId :

PB82120BS

Tgt Ion:107 Resp: 92006

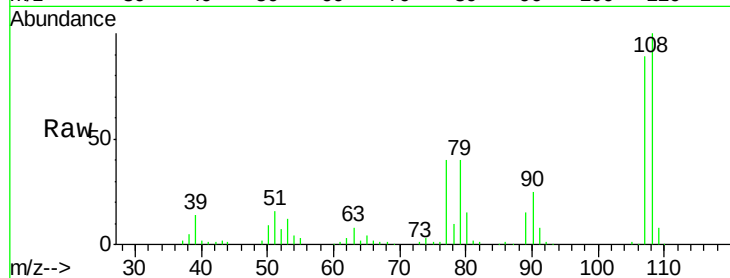
Ion Ratio Lower Upper

107 100

108 112.1 89.8 134.8

77 45.4 32.6 48.8

79 44.9 32.8 49.2

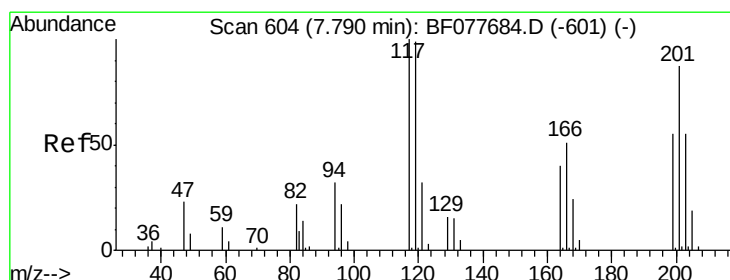
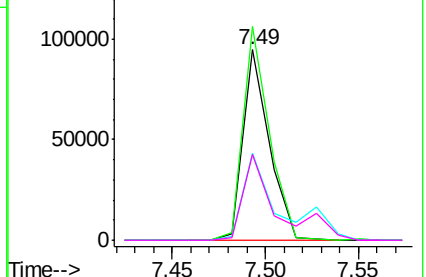
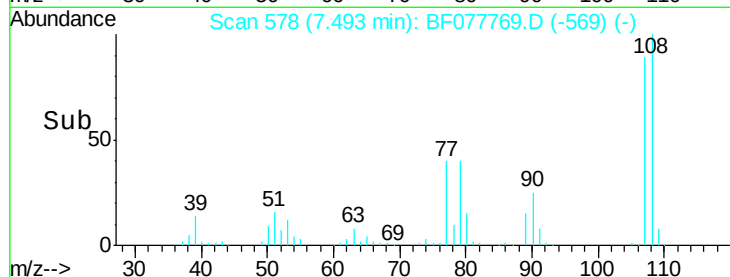


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 31.64 ng

RT: 7.78 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF077769.D

Acq: 17 Mar 2015 13:42

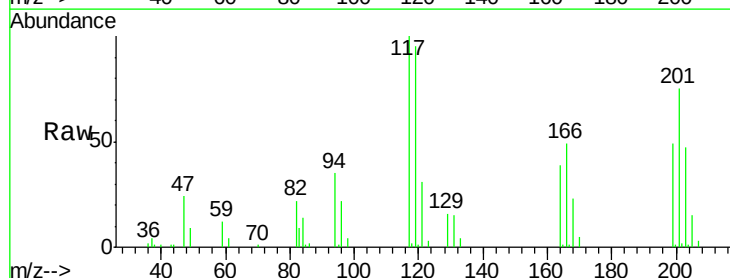
Tgt Ion:117 Resp: 41857

Ion Ratio Lower Upper

117 100

119 95.0 79.2 118.8

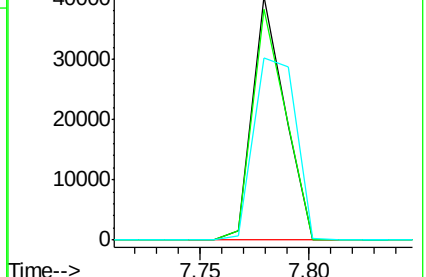
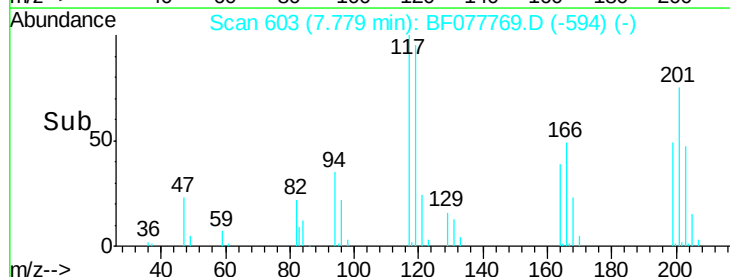
201 75.0 69.8 104.6

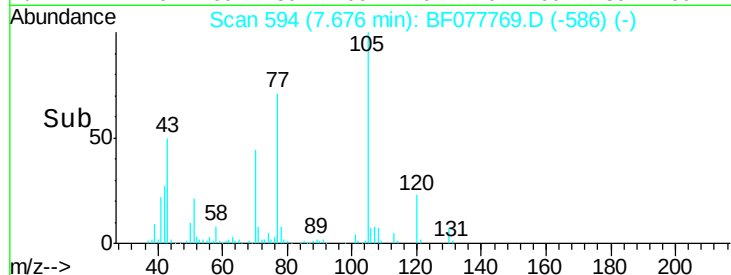
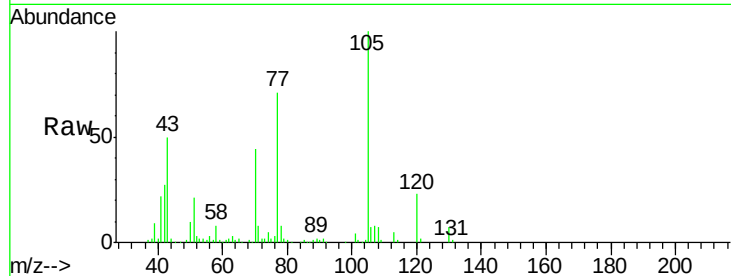
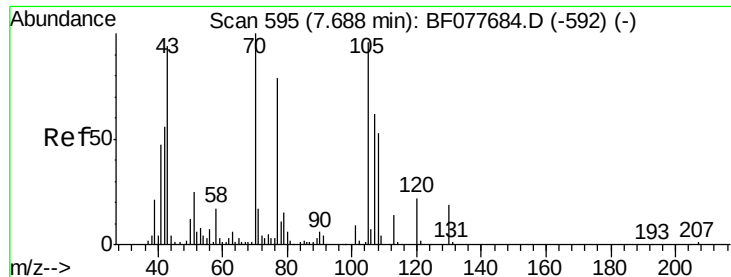


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

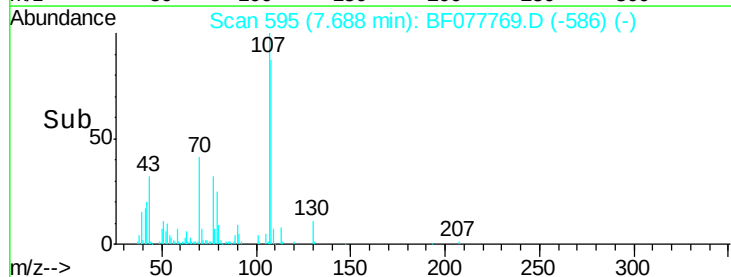
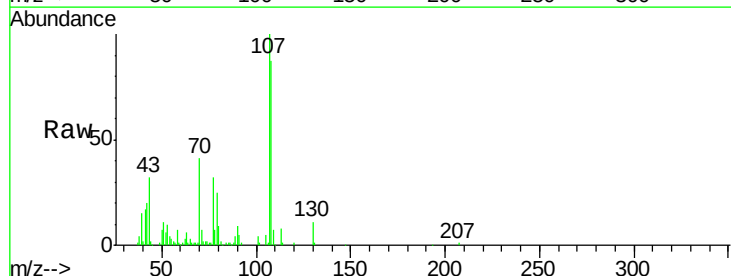
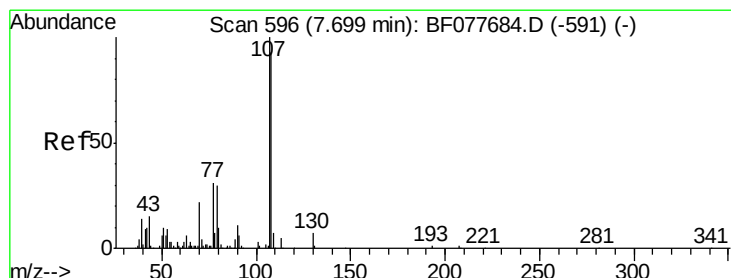
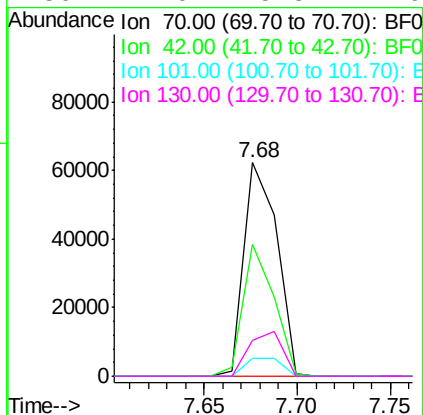




#19
n-Nitroso-di-n-propylamine
Concen: 30.57 ng
RT: 7.68 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF077769.D
Acq: 17 Mar 2015 13:42

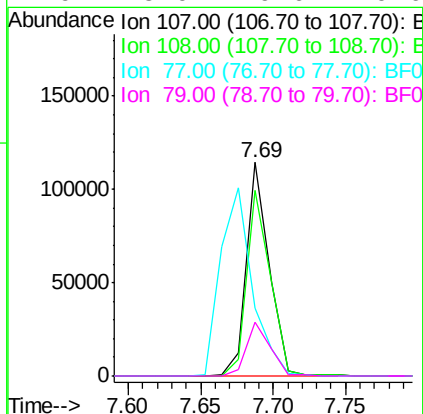
Instrument :
BNA_F
ClientSampleId :
PB82120BS

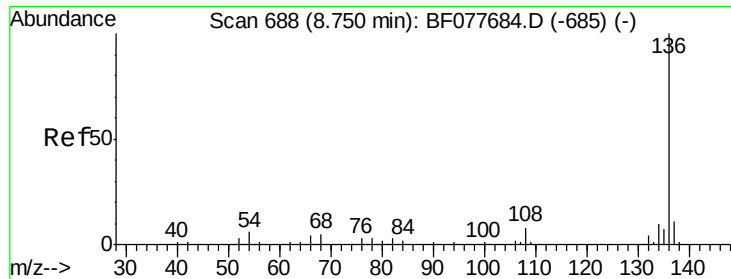
Tgt Ion:	70	Resp:	76623
Ion	Ratio	Lower	Upper
70	100		
42	61.5	44.5	66.7
101	8.6	7.4	11.2
130	17.0	15.3	22.9



#20
3+4-Methylphenols
Concen: 33.50 ng
RT: 7.69 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF077769.D
Acq: 17 Mar 2015 13:42

Tgt Ion:	107	Resp:	124901
Ion	Ratio	Lower	Upper
107	100		
108	86.7	73.2	113.2
77	31.6	10.7	50.7
79	25.0	9.6	49.6

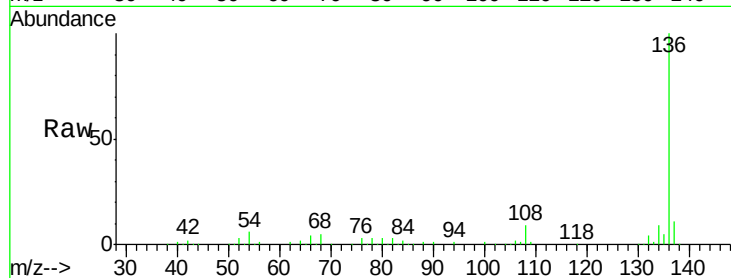




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF077769.D
Acq: 17 Mar 2015 13:42

Instrument :
BNA_F
ClientSampleId :
PB82120BS

Tgt Ion:	136	Resp:	208793
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.2	4.6	6.8
68	5.2	3.7	5.5

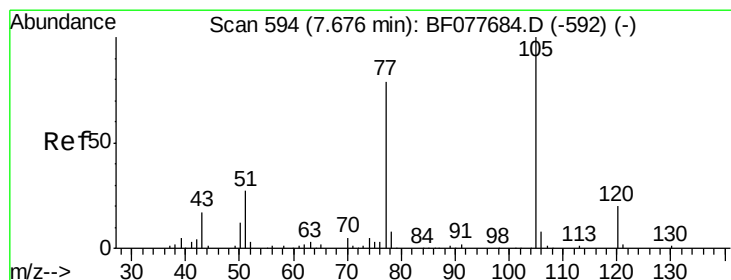
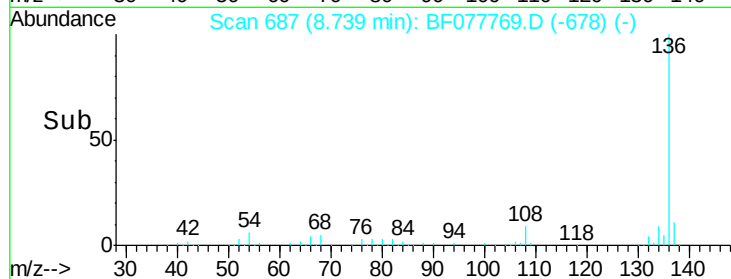
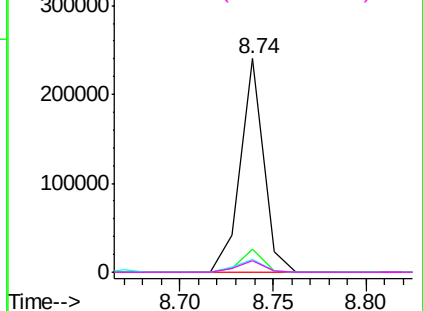


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

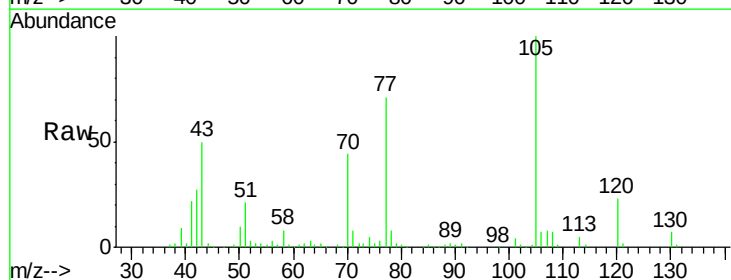
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 34.82 ng
RT: 7.68 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF077769.D
Acq: 17 Mar 2015 13:42

Tgt Ion:	105	Resp:	160942
Ion	Ratio	Lower	Upper
105	100		
71	7.5	0.6	1.0#
51	21.1	21.6	32.4#
120	22.6	16.1	24.1

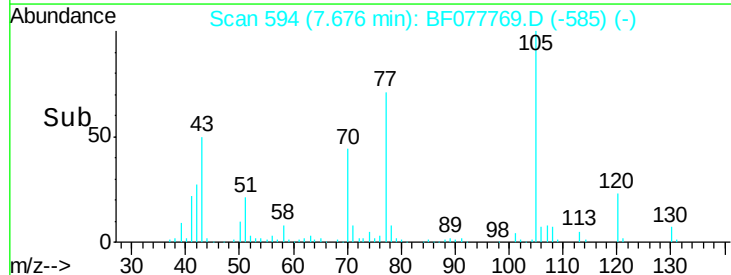
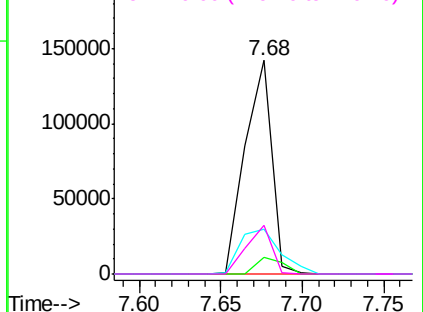


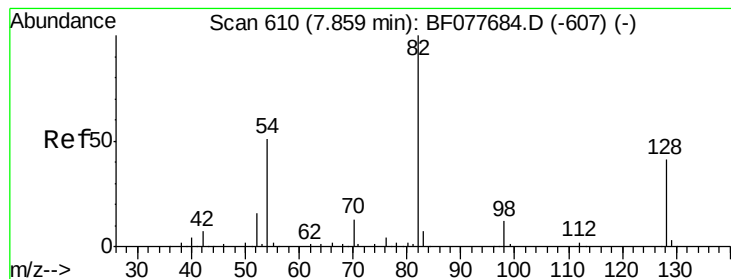
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 69.32 ng

RT: 7.86 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF077769.D

Acq: 17 Mar 2015 13:42

Instrument :

BNA_F

ClientSampleId :

PB82120BS

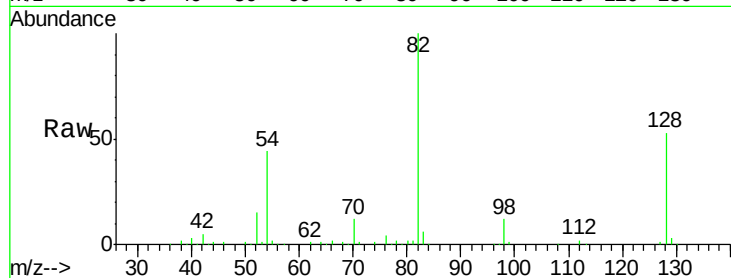
Tgt Ion: 82 Resp: 220788

Ion Ratio Lower Upper

82 100

128 52.8 32.8 49.2#

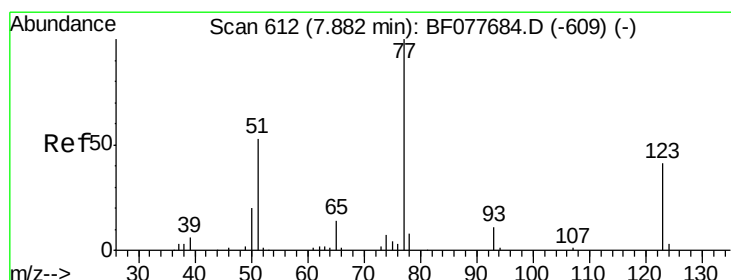
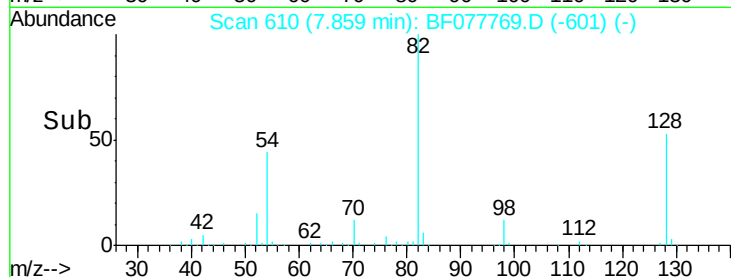
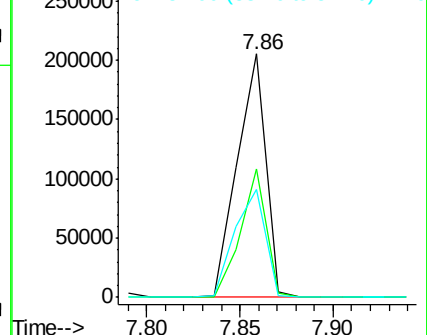
54 44.2 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 33.81 ng

RT: 7.88 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF077769.D

Acq: 17 Mar 2015 13:42

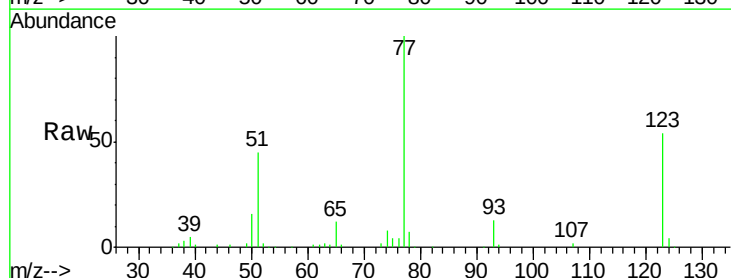
Tgt Ion: 77 Resp: 116023

Ion Ratio Lower Upper

77 100

123 53.8 32.6 49.0#

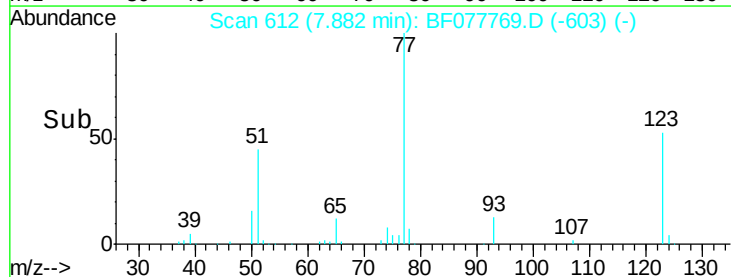
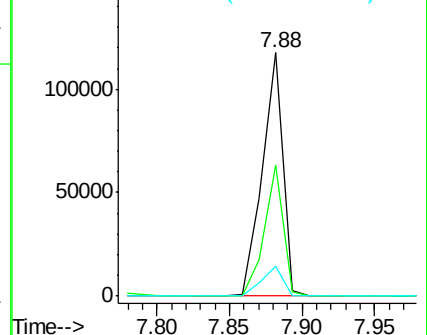
65 12.4 10.9 16.3

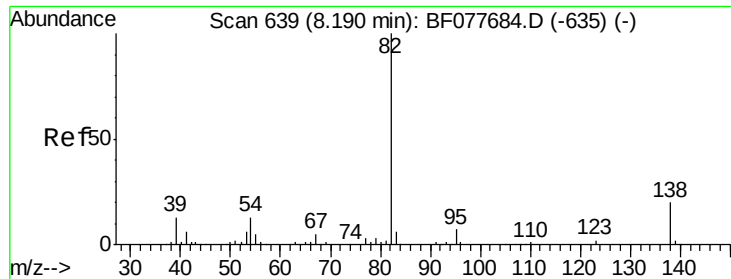


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 32.79 ng

RT: 8.18 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF077769.D

Acq: 17 Mar 2015 13:42

Instrument :

BNA_F

ClientSampleId :

PB82120BS

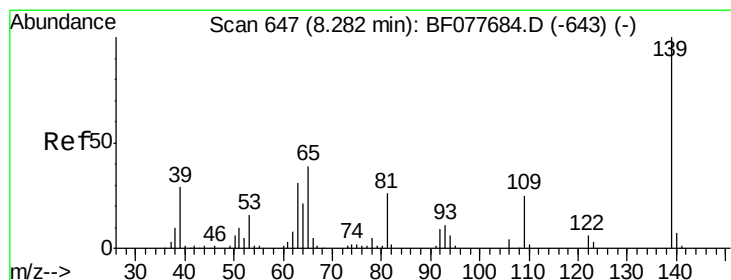
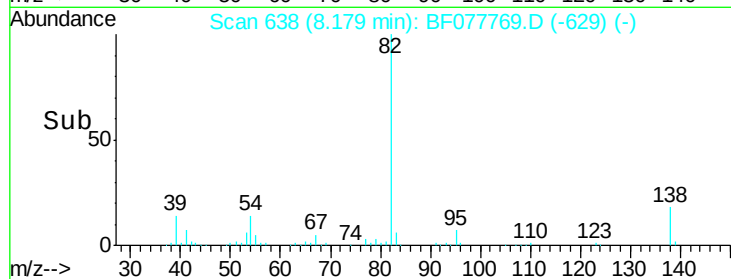
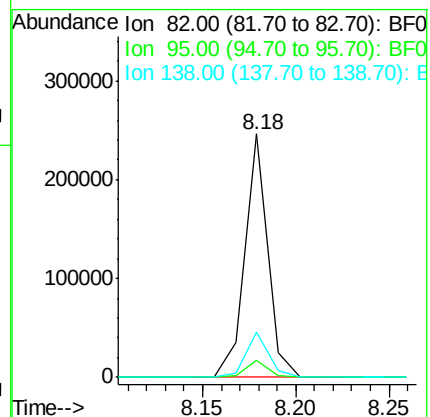
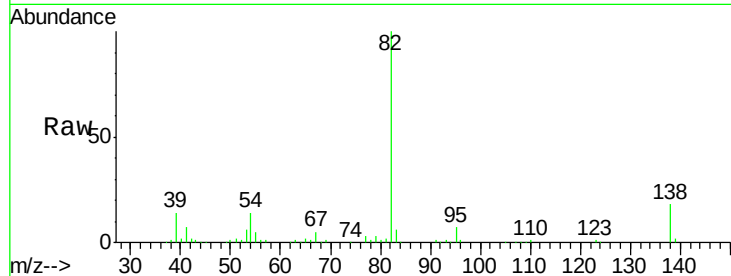
Tgt Ion: 82 Resp: 210915

Ion Ratio Lower Upper

82 100

95 6.8 5.8 8.6

138 18.3 16.3 24.5



#26

2-Nitrophenol

Concen: 34.21 ng

RT: 8.27 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF077769.D

Acq: 17 Mar 2015 13:42

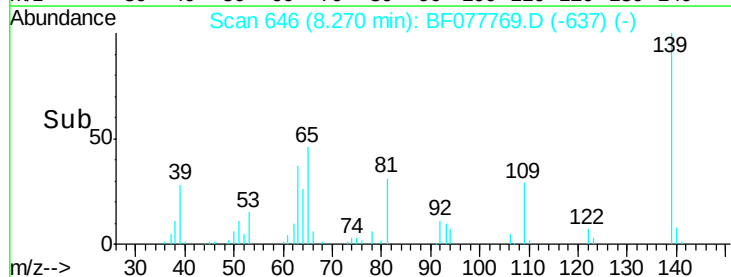
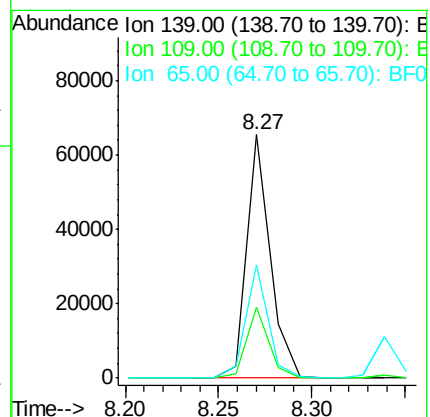
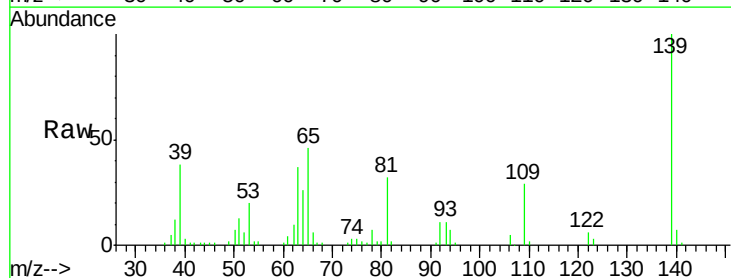
Tgt Ion: 139 Resp: 57464

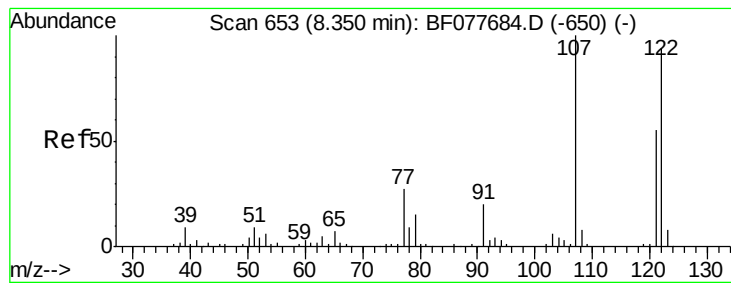
Ion Ratio Lower Upper

139 100

109 28.9 20.1 30.1

65 46.5 31.5 47.3

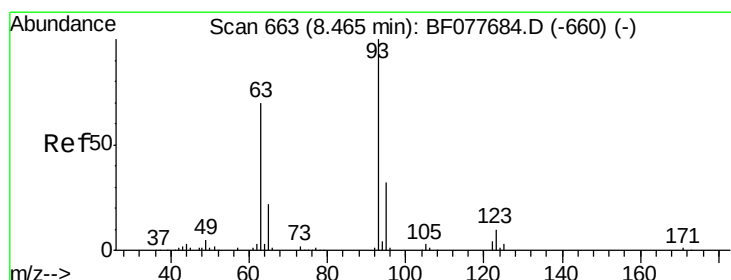
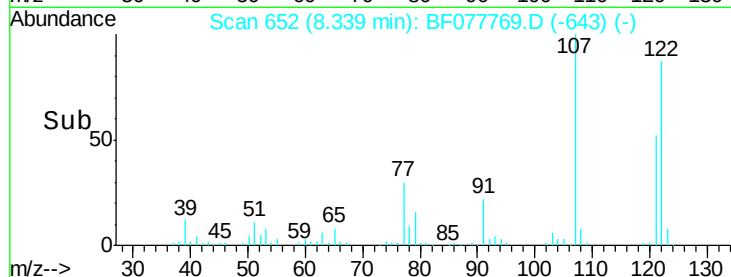
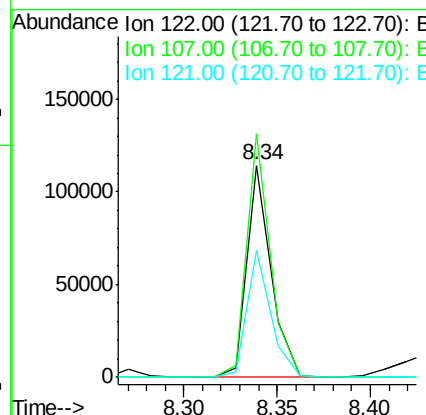
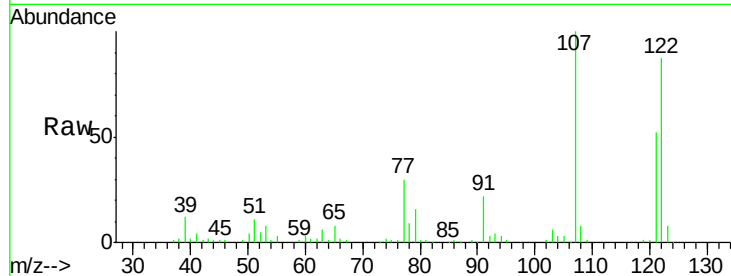




#27
 2,4-Dimethylphenol
 Concen: 33.80 ng
 RT: 8.34 min Scan# 652
 Delta R.T. 0.00 min
 Lab File: BF077769.D
 Acq: 17 Mar 2015 13:42

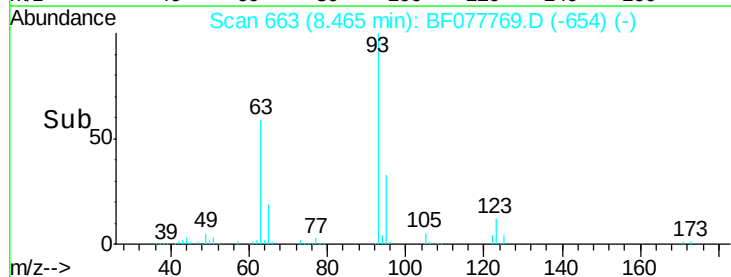
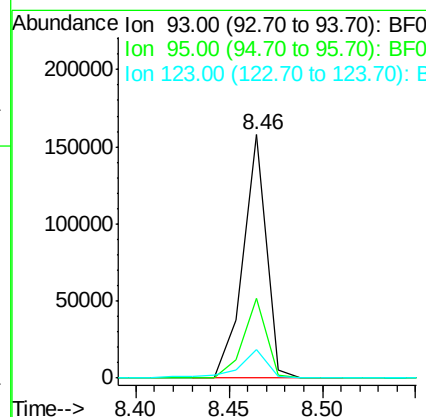
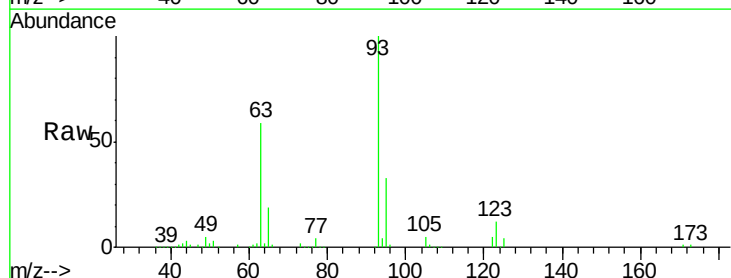
Instrument :
 BNA_F
 ClientSampleId :
 PB82120BS

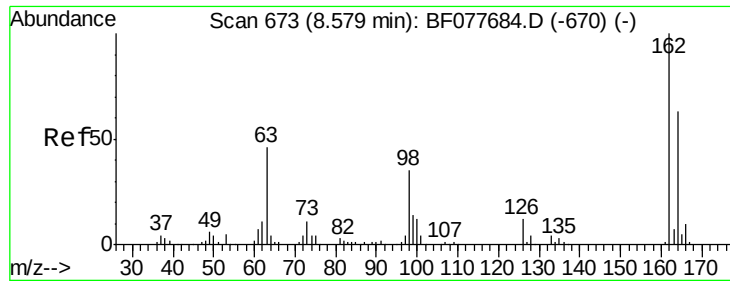
Tgt Ion:122 Resp: 103459
 Ion Ratio Lower Upper
 122 100
 107 114.7 84.7 127.1
 121 59.8 46.6 69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.35 ng
 RT: 8.46 min Scan# 663
 Delta R.T. 0.00 min
 Lab File: BF077769.D
 Acq: 17 Mar 2015 13:42

Tgt Ion: 93 Resp: 138019
 Ion Ratio Lower Upper
 93 100
 95 32.9 25.5 38.3
 123 11.8 8.6 13.0

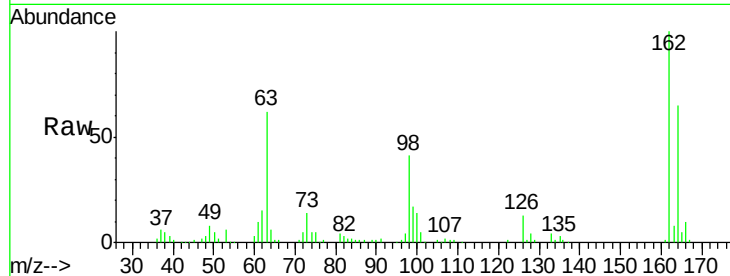




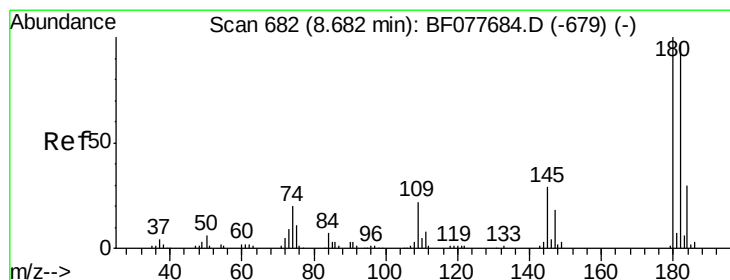
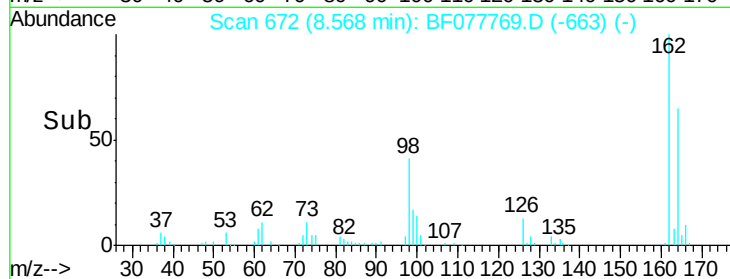
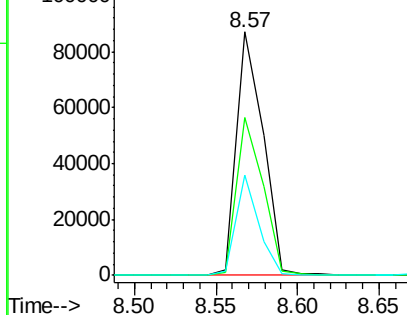
#29
 2,4-Dichlorophenol
 Concen: 33.47 ng
 RT: 8.57 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF077769.D
 Acq: 17 Mar 2015 13:42

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BS

Tgt Ion:162 Resp: 97644
 Ion Ratio Lower Upper
 162 100
 164 64.7 42.8 82.8
 98 41.3 14.5 54.5

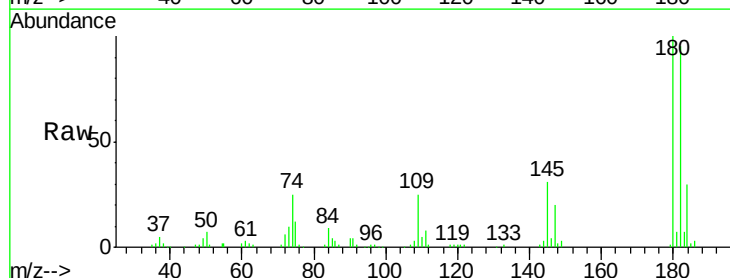


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

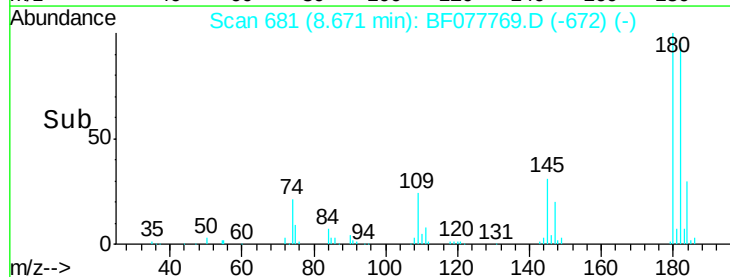
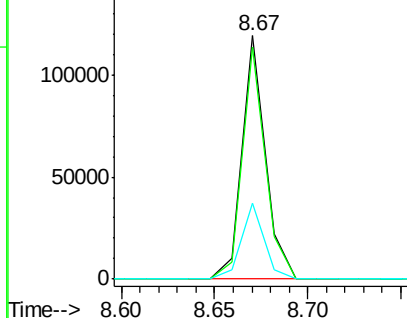


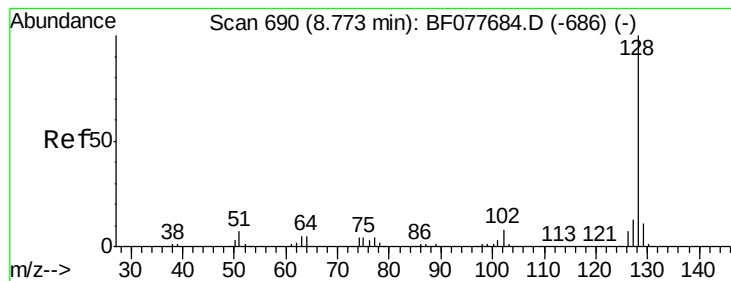
#30
 1,2,4-Trichlorobenzene
 Concen: 31.94 ng
 RT: 8.67 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF077769.D
 Acq: 17 Mar 2015 13:42

Tgt Ion:180 Resp: 104250
 Ion Ratio Lower Upper
 180 100
 182 95.1 77.6 116.4
 145 31.1 23.4 35.2



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





#31

Naphthalene

Concen: 31.36 ng

RT: 8.76 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF077769.D

Acq: 17 Mar 2015 13:42

Instrument :

BNA_F

ClientSampleId :

PB82120BS

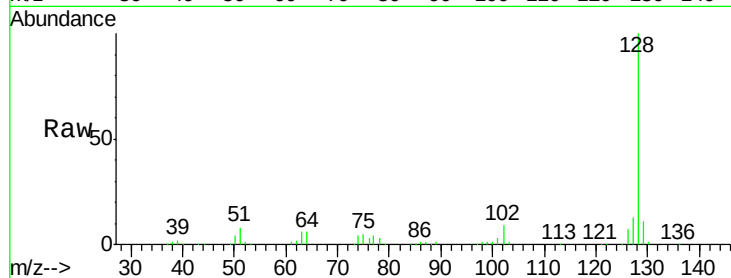
Tgt Ion:128 Resp: 336244

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

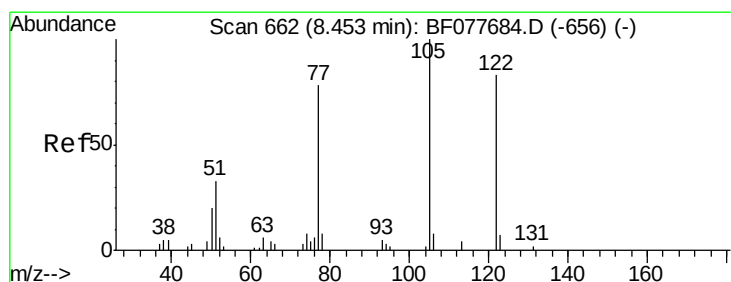
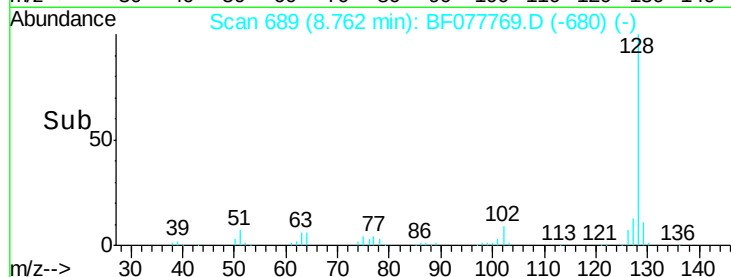
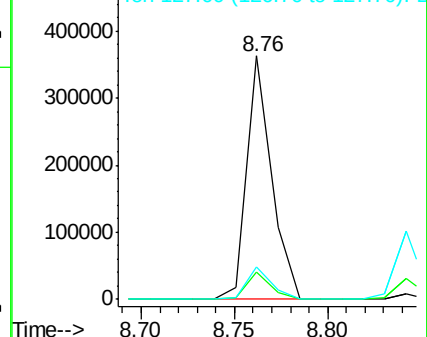
127 13.1 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.32 ng

RT: 8.45 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF077769.D

Acq: 17 Mar 2015 13:42

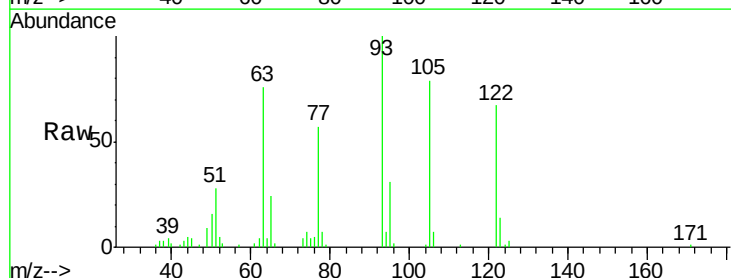
Tgt Ion:122 Resp: 60630

Ion Ratio Lower Upper

122 100

105 116.9 99.9 139.9

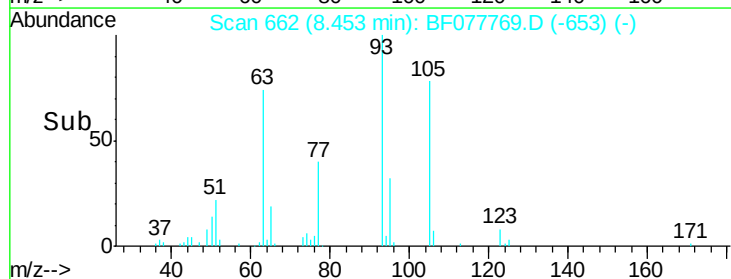
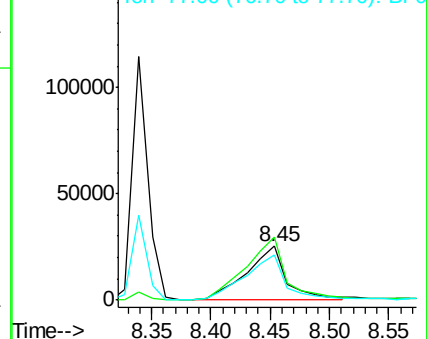
77 83.9 73.7 113.7

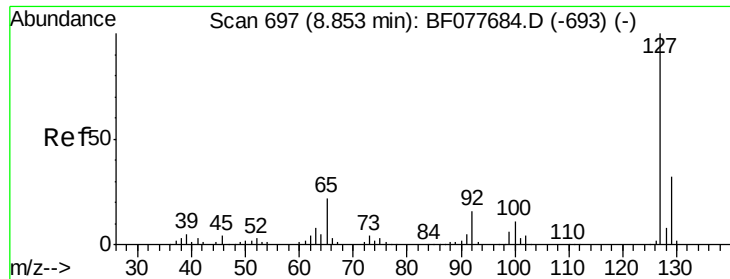


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

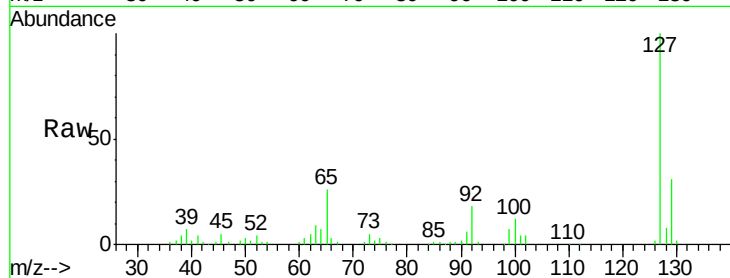




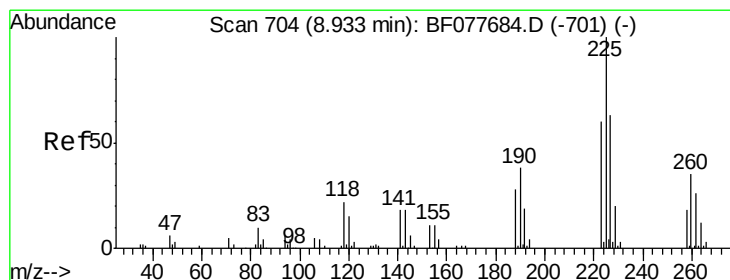
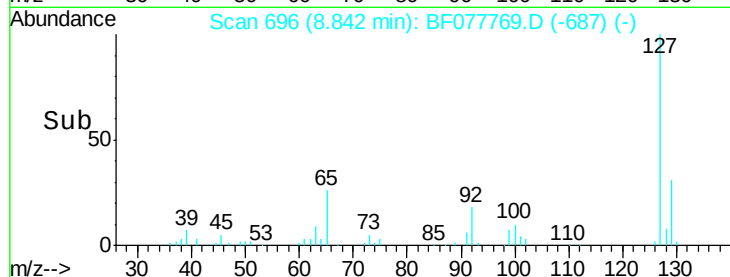
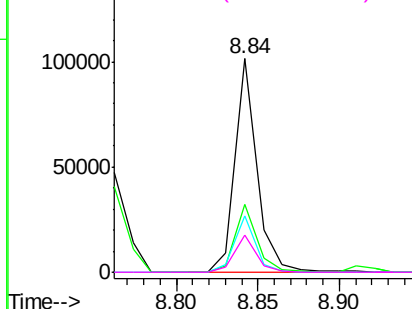
#33
4-Chloroaniline
Concen: 21.38 ng
RT: 8.84 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF077769.D
Acq: 17 Mar 2015 13:42

Instrument :
BNA_F
ClientSampleId :
PB82120BS

Tgt Ion:	127	Resp:	93059
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.3	37.9
65	26.4	17.6	26.4#
92	17.6	13.1	19.7

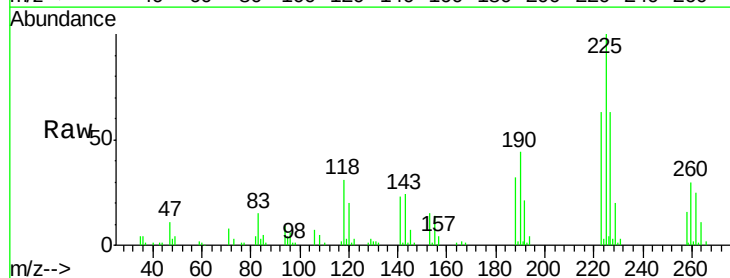


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

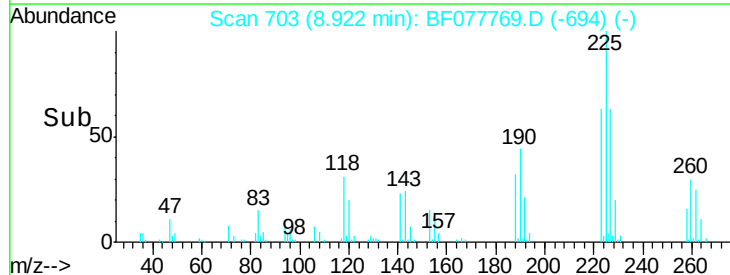
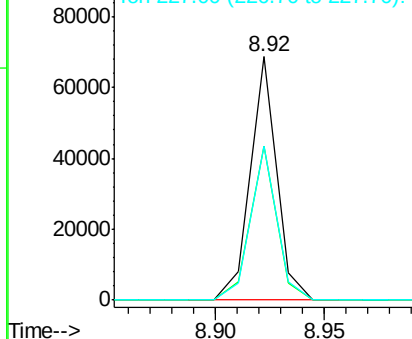


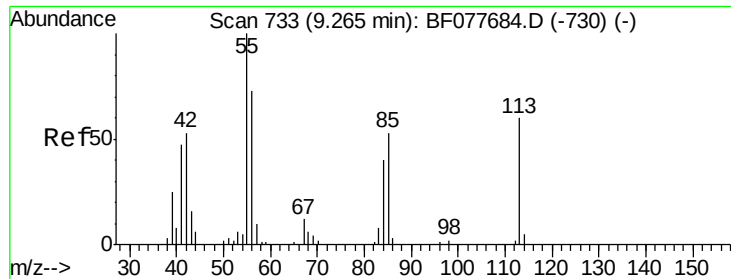
#34
Hexachlorobutadiene
Concen: 31.23 ng
RT: 8.92 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF077769.D
Acq: 17 Mar 2015 13:42

Tgt Ion:	225	Resp:	57784
Ion	Ratio	Lower	Upper
225	100		
223	63.1	47.9	71.9
227	63.5	50.1	75.1



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

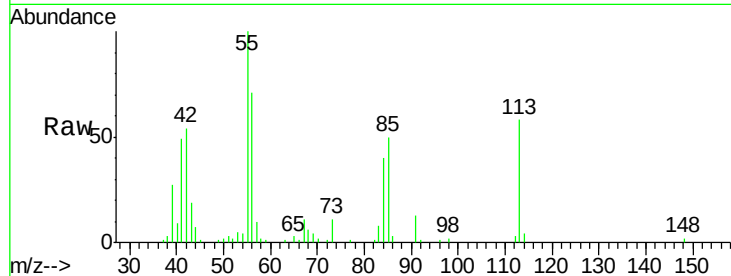




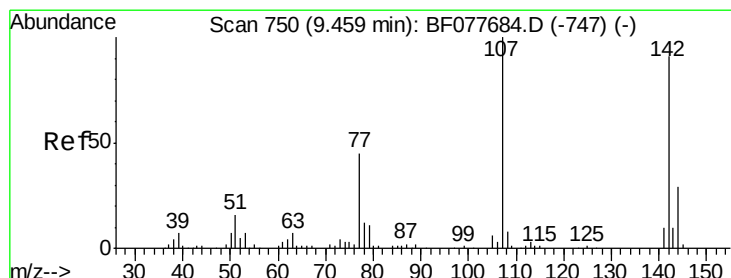
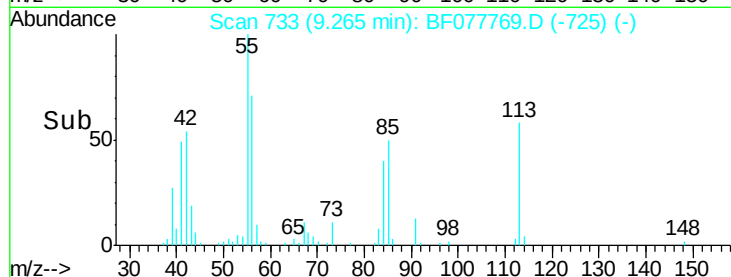
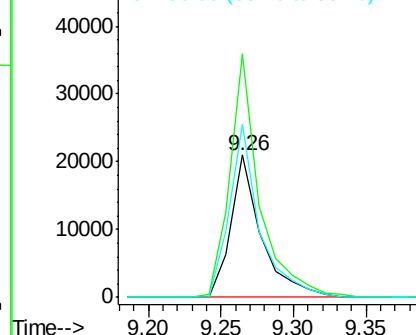
#35
 Caprolactam
 Concen: 36.02 ng
 RT: 9.26 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF077769.D
 Acq: 17 Mar 2015 13:42

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BS

Tgt Ion:113 Resp: 30707
 Ion Ratio Lower Upper
 113 100
 55 171.5 145.9 185.9
 56 122.2 101.0 141.0

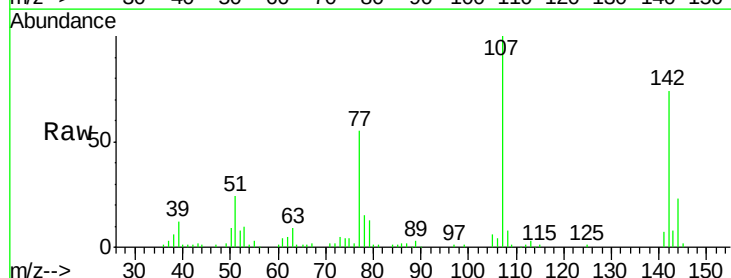


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

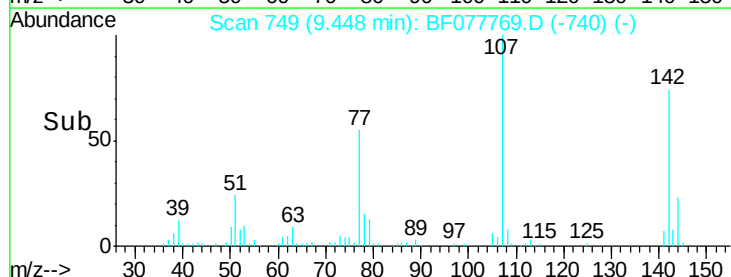
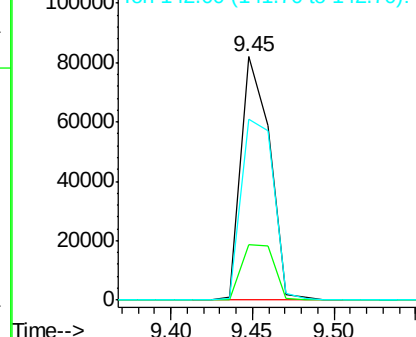


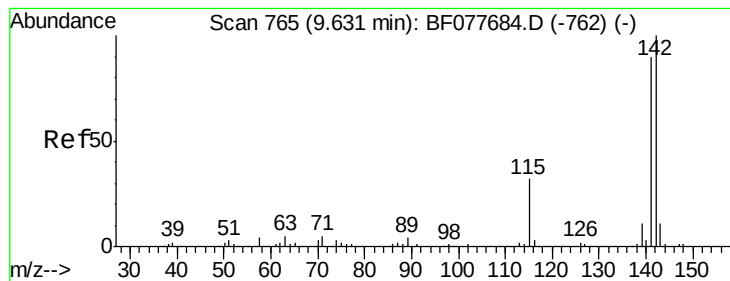
#36
 4-Chloro-3-methylphenol
 Concen: 33.86 ng
 RT: 9.45 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF077769.D
 Acq: 17 Mar 2015 13:42

Tgt Ion:107 Resp: 99397
 Ion Ratio Lower Upper
 107 100
 144 22.8 23.3 34.9#
 142 74.2 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: 32.54 ng

RT: 9.62 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF077769.D

Acq: 17 Mar 2015 13:42

Instrument :

BNA_F

ClientSampleId :

PB82120BS

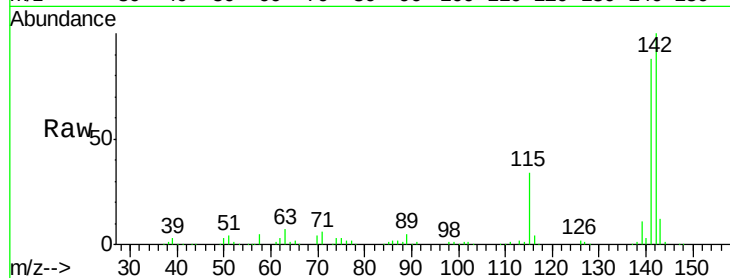
Tgt Ion:142 Resp: 234420

Ion Ratio Lower Upper

142 100

141 88.4 71.9 107.9

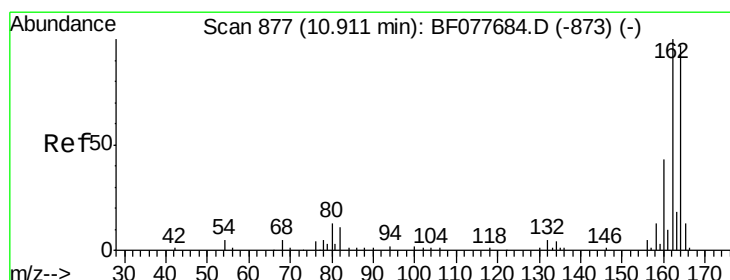
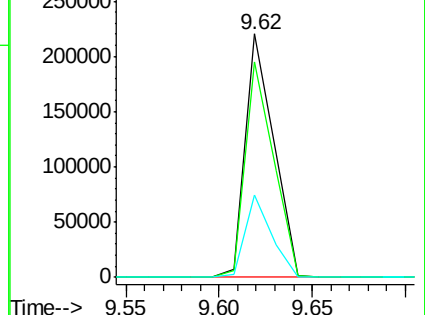
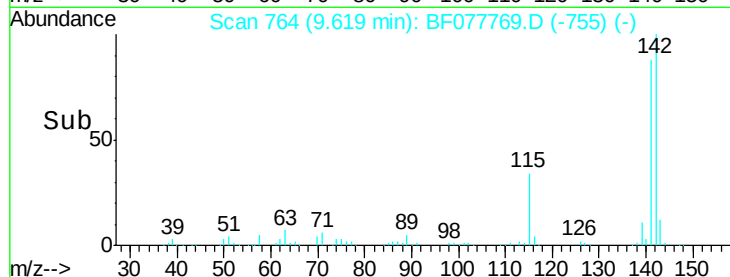
115 33.8 25.4 38.0



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: BF077769.D

Acq: 17 Mar 2015 13:42

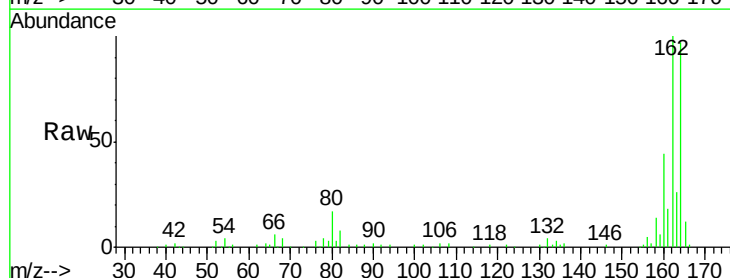
Tgt Ion:164 Resp: 104928

Ion Ratio Lower Upper

164 100

162 103.6 82.4 123.6

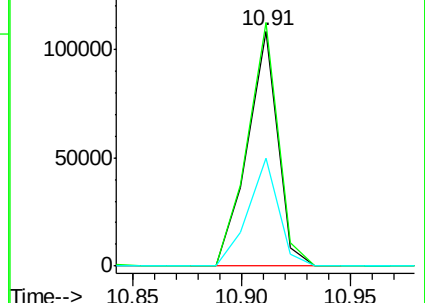
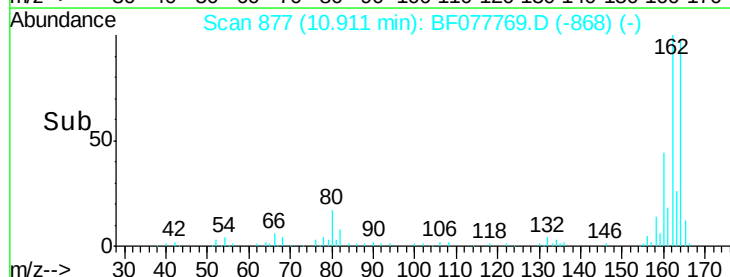
160 45.8 35.8 53.6

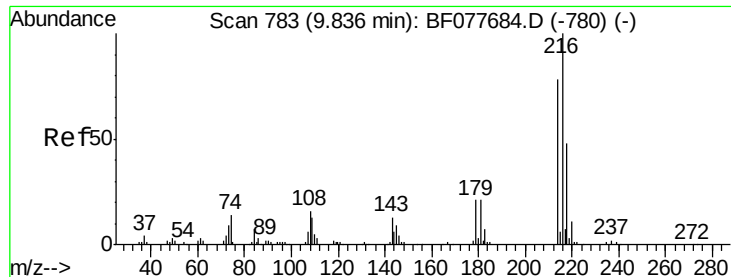


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

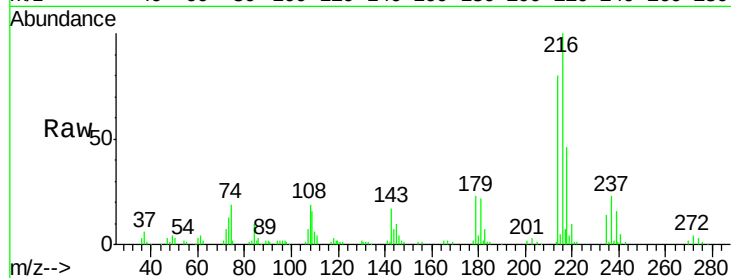




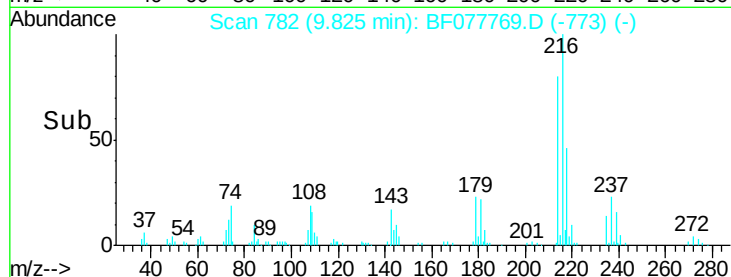
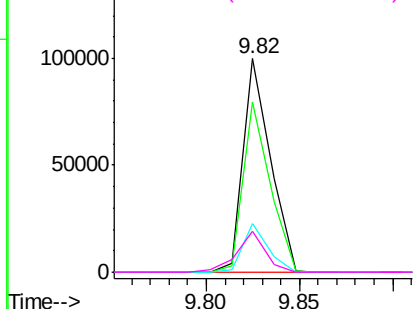
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.45 ng
 RT: 9.82 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF077769.D
 Acq: 17 Mar 2015 13:42

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BS

Tgt Ion:	216	Resp:	101544
Ion	Ratio	Lower	Upper
216	100		
214	78.4	0.0	0.0#
179	21.1	0.0	0.0#
108	20.0	0.0	0.0#

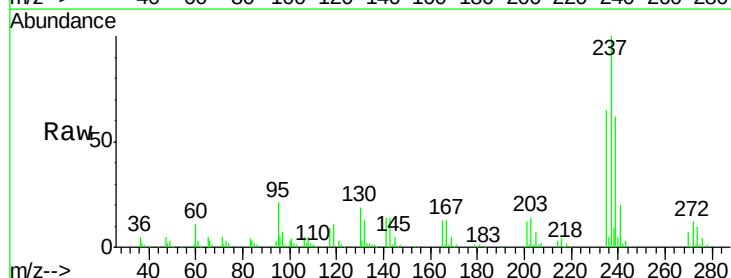
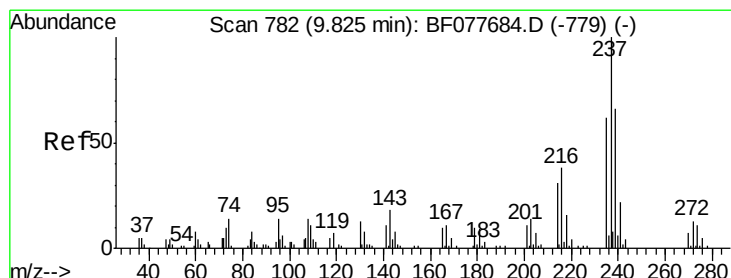


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

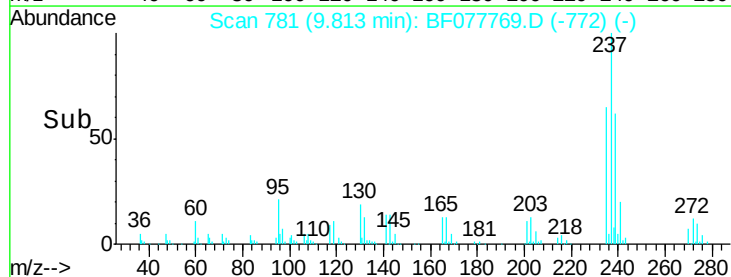
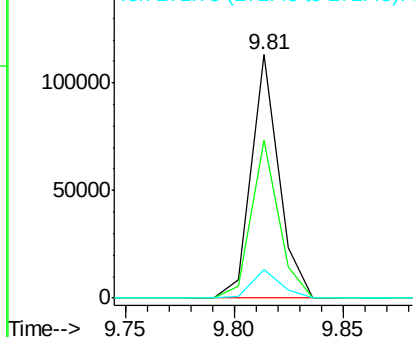


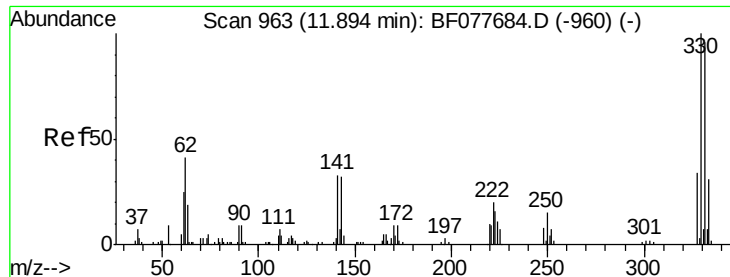
#40
 Hexachlorocyclopentadiene
 Concen: 64.08 ng
 RT: 9.81 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: BF077769.D
 Acq: 17 Mar 2015 13:42

Tgt Ion:	237	Resp:	99366
Ion	Ratio	Lower	Upper
237	100		
235	64.8	42.0	82.0
272	12.0	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

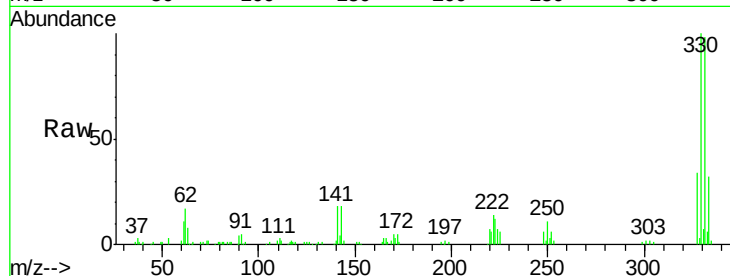




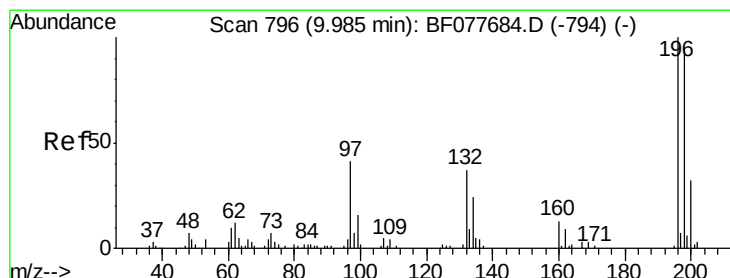
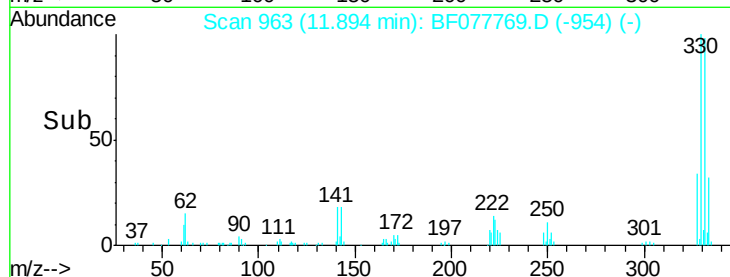
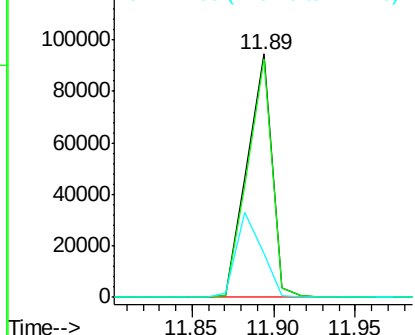
#41
 2,4,6-Tribromophenol
 Concen: 100.02 ng
 RT: 11.89 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF077769.D
 Acq: 17 Mar 2015 13:42

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BS

Tgt Ion:330 Resp: 100411
 Ion Ratio Lower Upper
 330 100
 332 96.9 0.0 0.0#
 141 35.8 0.0 0.0#

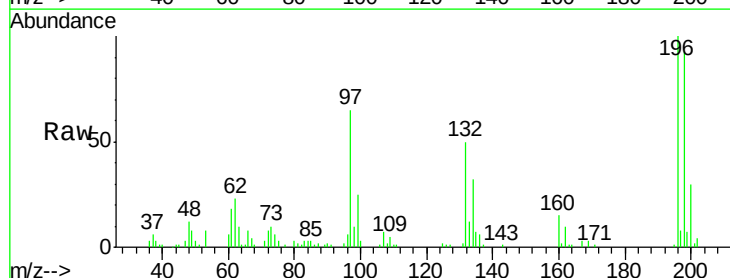


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

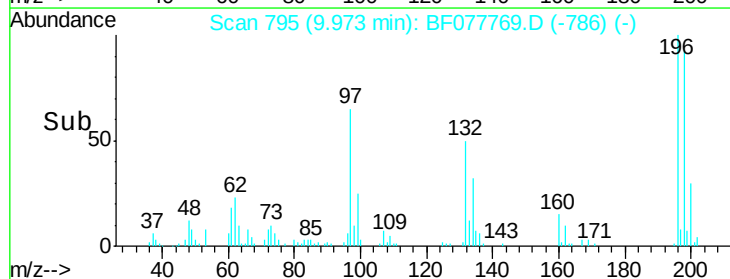
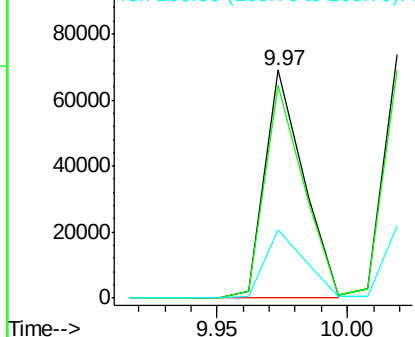


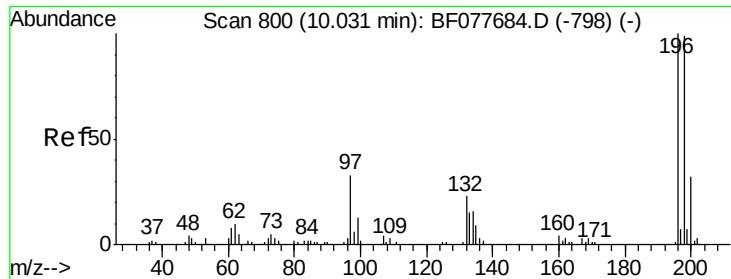
#42
 2,4,6-Trichlorophenol
 Concen: 32.42 ng
 RT: 9.97 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF077769.D
 Acq: 17 Mar 2015 13:42

Tgt Ion:196 Resp: 70284
 Ion Ratio Lower Upper
 196 100
 198 93.2 76.3 114.5
 200 29.7 25.6 38.4



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

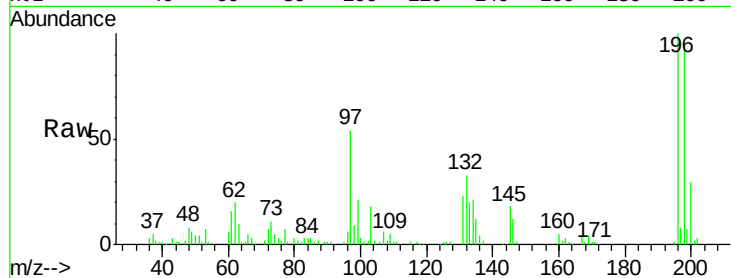




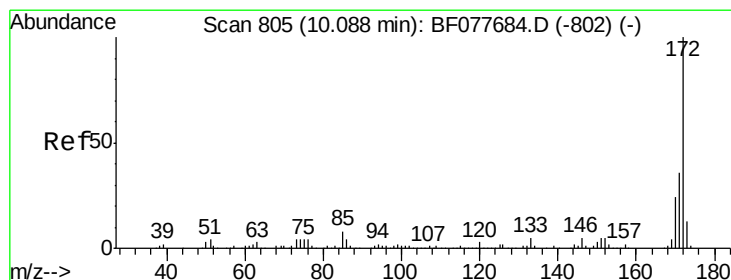
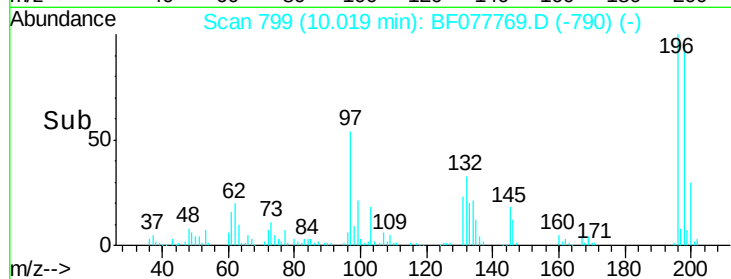
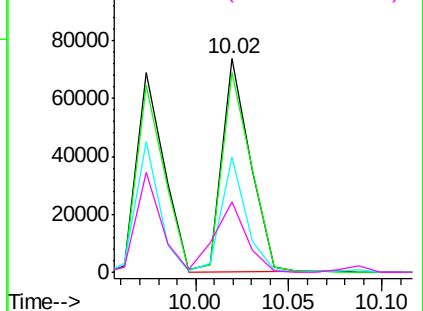
#43
 2,4,5-Trichlorophenol
 Concen: 33.10 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF077769.D
 Acq: 17 Mar 2015 13:42

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BS

Tgt Ion:196 Resp: 77528
 Ion Ratio Lower Upper
 196 100
 198 93.6 79.4 119.0
 97 54.1 26.8 40.2#
 132 33.2 18.6 28.0#

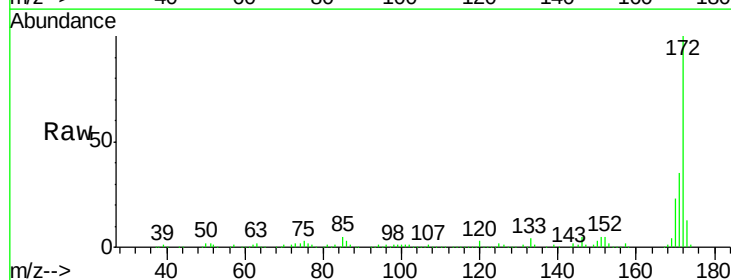


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

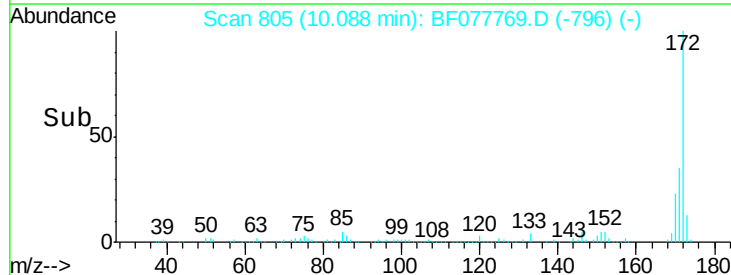
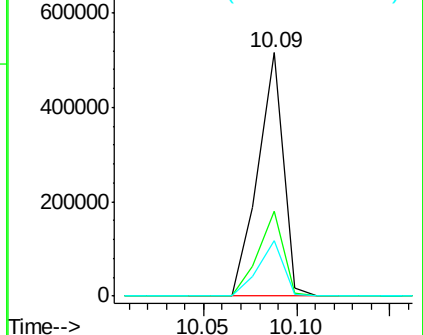


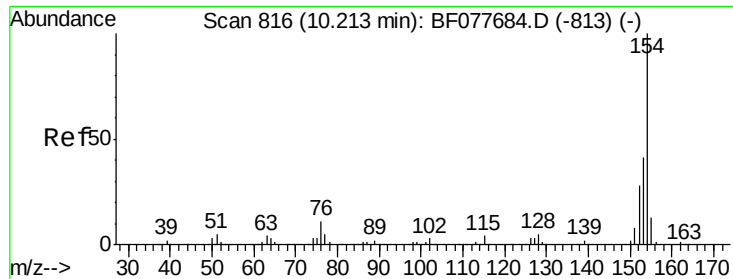
#44
 2-Fluorobiphenyl
 Concen: 69.41 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077769.D
 Acq: 17 Mar 2015 13:42

Tgt Ion:172 Resp: 495607
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 23.0 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

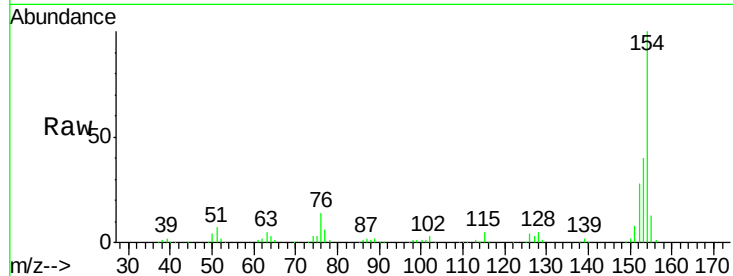




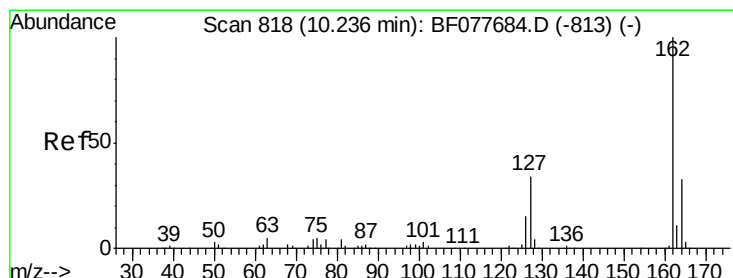
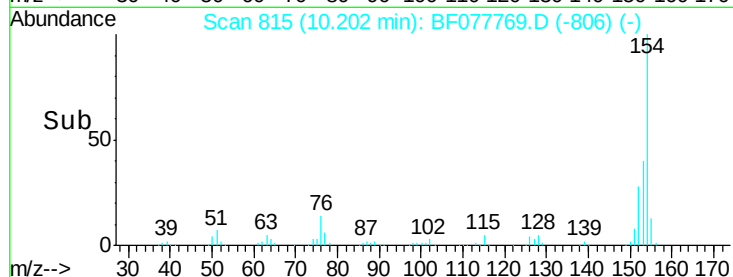
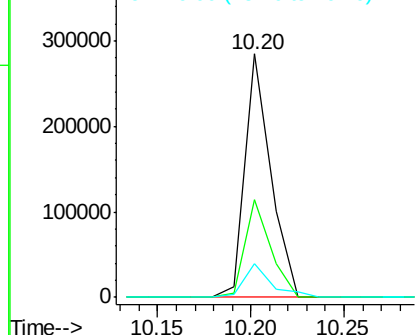
#45
1,1'-Biphenyl
Concen: 32.68 ng
RT: 10.20 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF077769.D
Acq: 17 Mar 2015 13:42

Instrument :
BNA_F
ClientSampleId :
PB82120BS

Tgt Ion:154 Resp: 274083
Ion Ratio Lower Upper
154 100
153 40.4 20.7 60.7
76 14.0 0.0 30.9

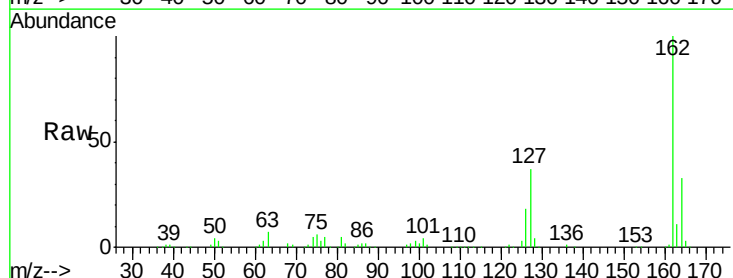


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

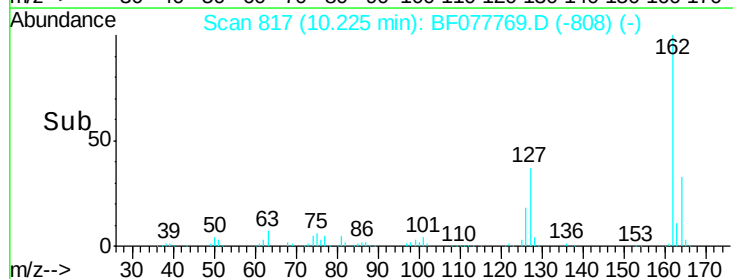
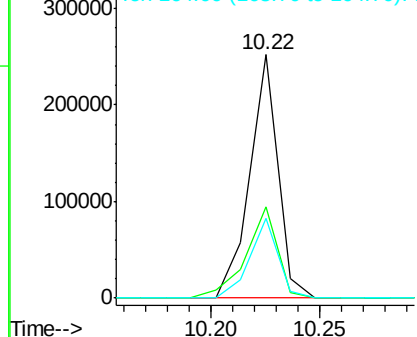


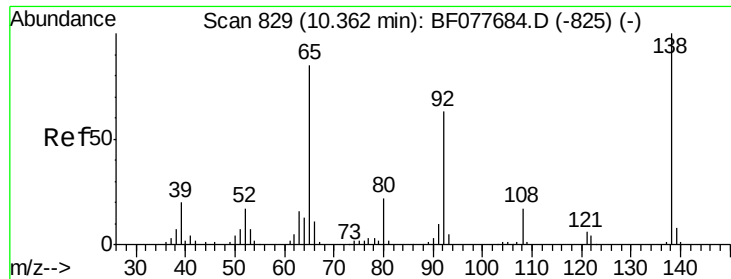
#46
2-Chloronaphthalene
Concen: 33.07 ng
RT: 10.22 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF077769.D
Acq: 17 Mar 2015 13:42

Tgt Ion:162 Resp: 225392
Ion Ratio Lower Upper
162 100
127 37.3 26.9 40.3
164 32.7 26.8 40.2



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

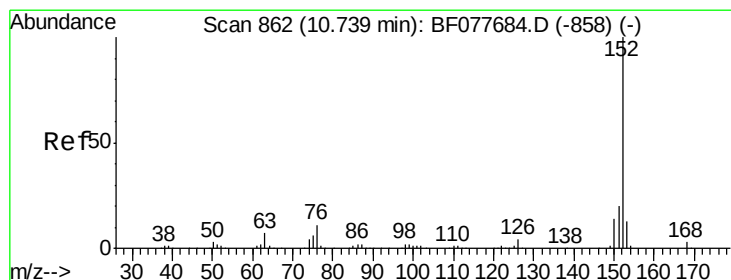
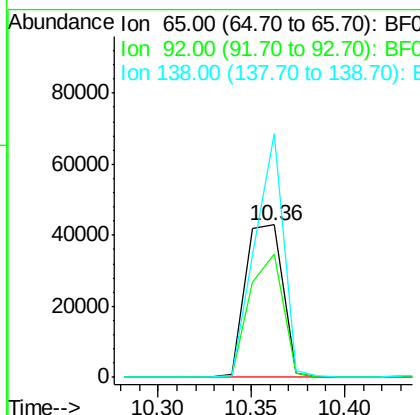
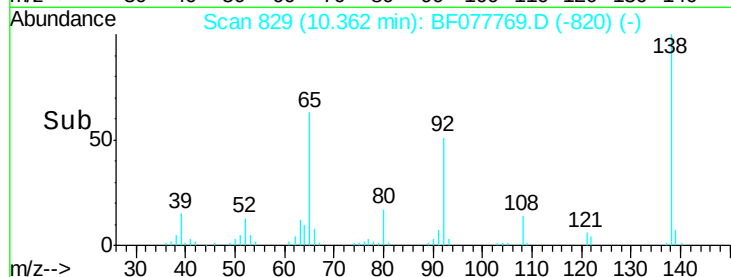
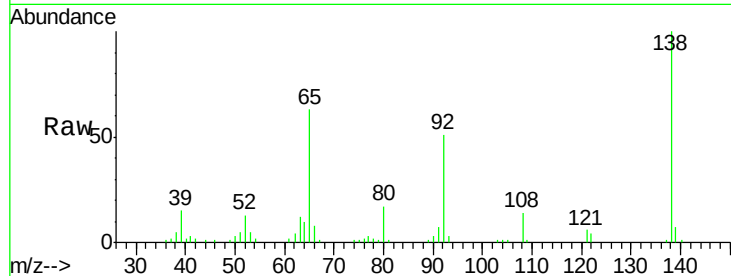




#47
 2-Nitroaniline
 Concen: 35.28 ng
 RT: 10.36 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF077769.D
 Acq: 17 Mar 2015 13:42

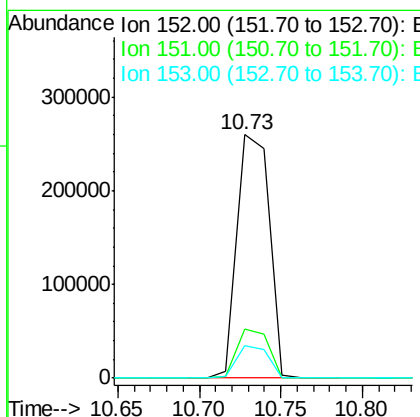
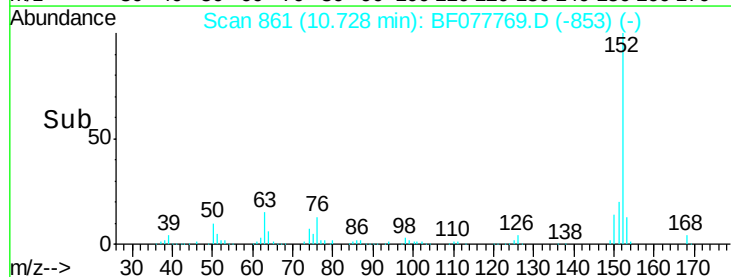
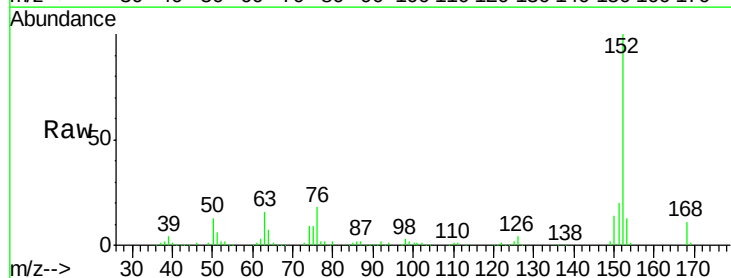
Instrument :
 BNA_F
 ClientSampleId :
 PB82120BS

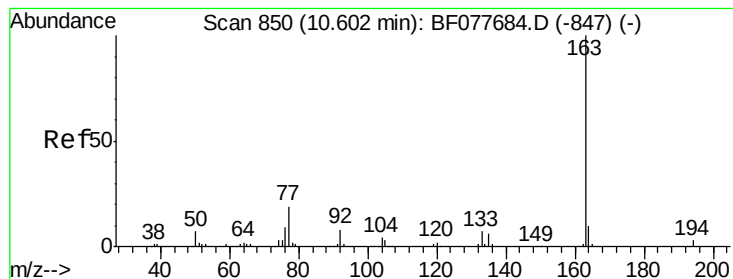
Tgt Ion: 65 Resp: 59733
 Ion Ratio Lower Upper
 65 100
 92 80.8 59.1 88.7
 138 159.5 93.9 140.9#



#48
 Acenaphthylene
 Concen: 31.32 ng
 RT: 10.73 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BF077769.D
 Acq: 17 Mar 2015 13:42

Tgt Ion: 152 Resp: 355032
 Ion Ratio Lower Upper
 152 100
 151 20.0 15.9 23.9
 153 13.2 10.6 16.0





#49

Dimethylphthalate

Concen: 33.46 ng

RT: 10.60 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF077769.D

Acq: 17 Mar 2015 13:42

Instrument :

BNA_F

ClientSampleId :

PB82120BS

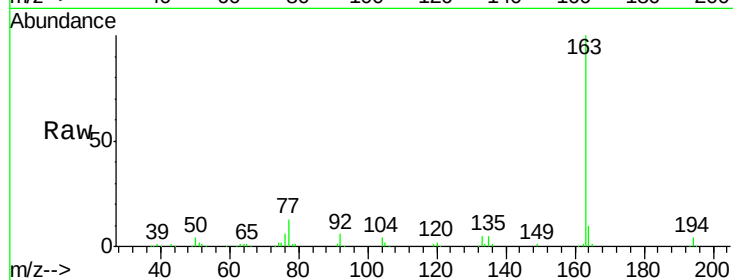
Tgt Ion:163 Resp: 260390

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

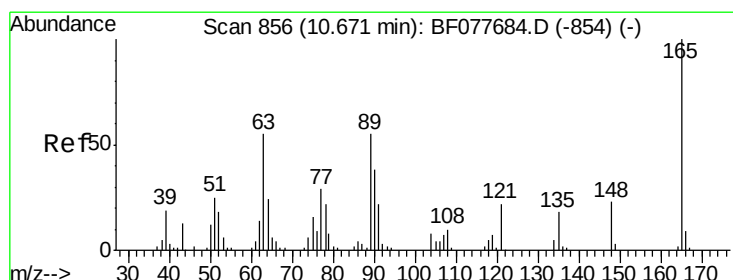
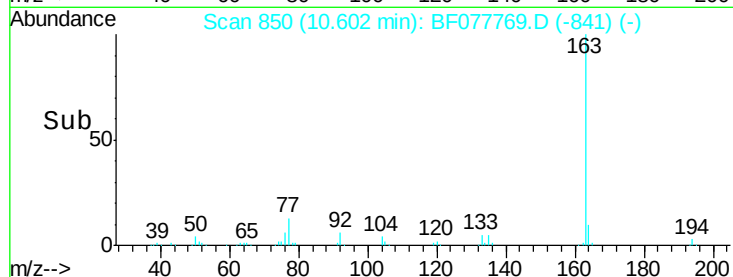
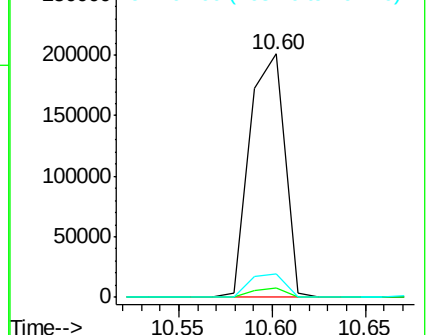
164 9.7 8.2 12.2



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: 35.95 ng

RT: 10.67 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF077769.D

Acq: 17 Mar 2015 13:42

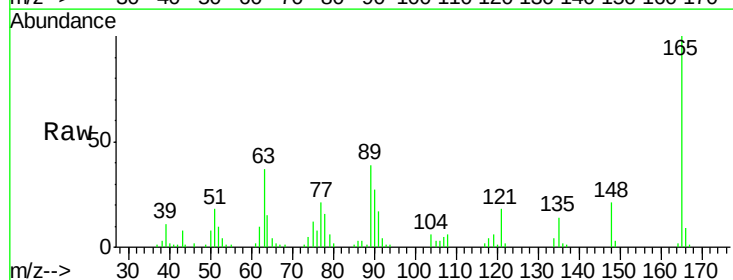
Tgt Ion:165 Resp: 57997

Ion Ratio Lower Upper

165 100

63 36.6 44.1 66.1#

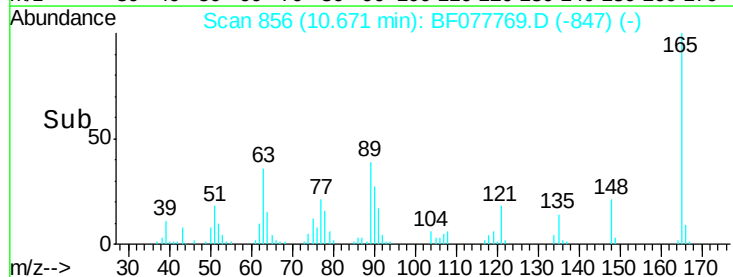
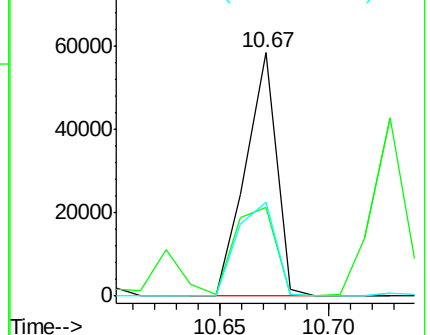
89 38.7 44.3 66.5#

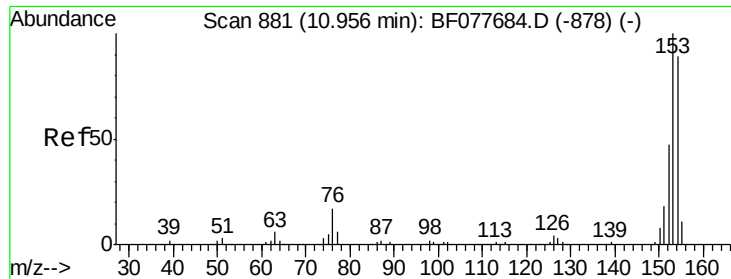


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 30.84 ng

RT: 10.95 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF077769.D

Acq: 17 Mar 2015 13:42

Instrument :

BNA_F

ClientSampleId :

PB82120BS

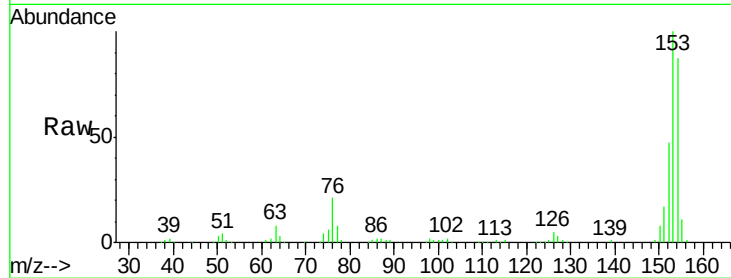
Tgt Ion:154 Resp: 200456

Ion Ratio Lower Upper

154 100

153 114.5 90.0 135.0

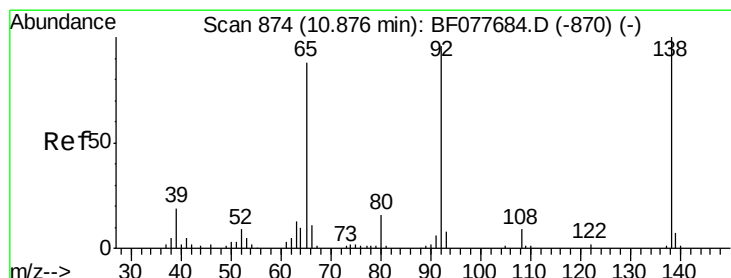
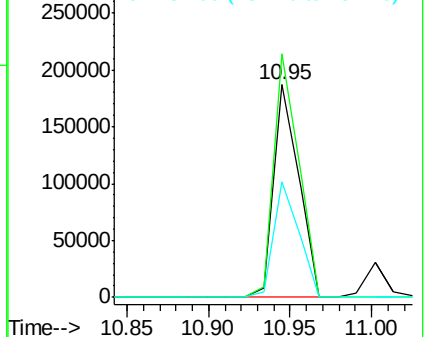
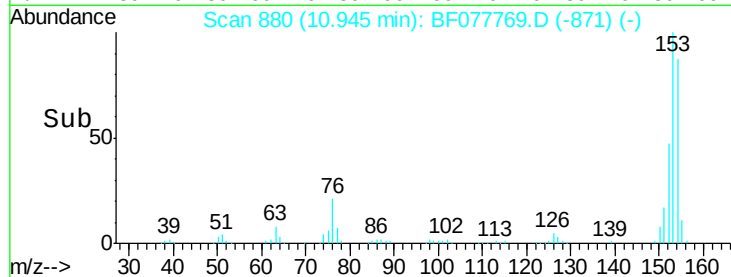
152 54.2 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.07 ng

RT: 10.87 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF077769.D

Acq: 17 Mar 2015 13:42

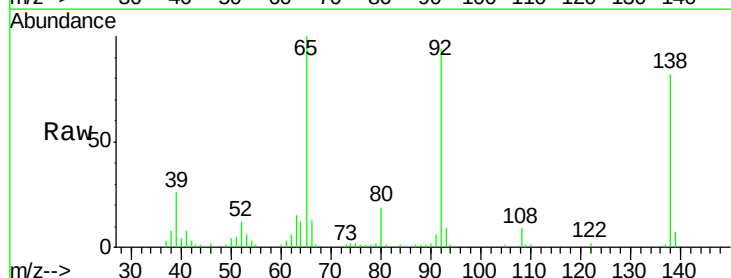
Tgt Ion:138 Resp: 46967

Ion Ratio Lower Upper

138 100

108 10.6 7.3 10.9

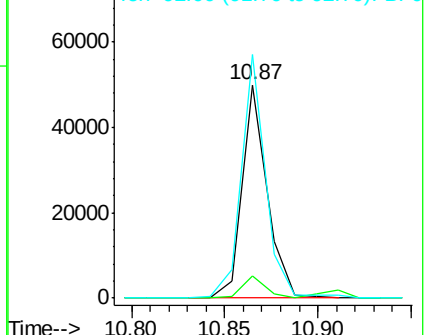
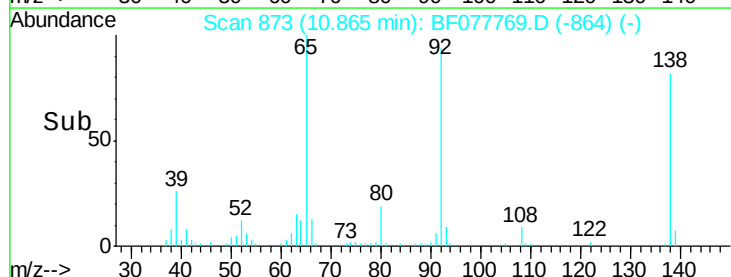
92 114.3 76.6 114.8

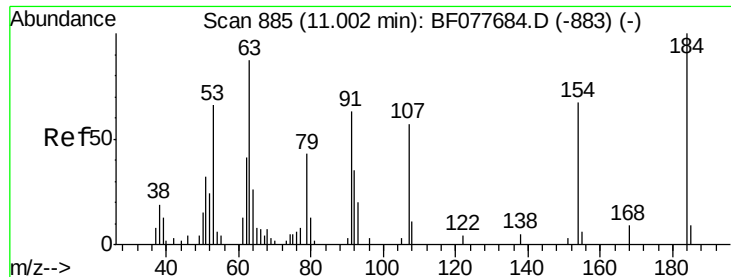


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

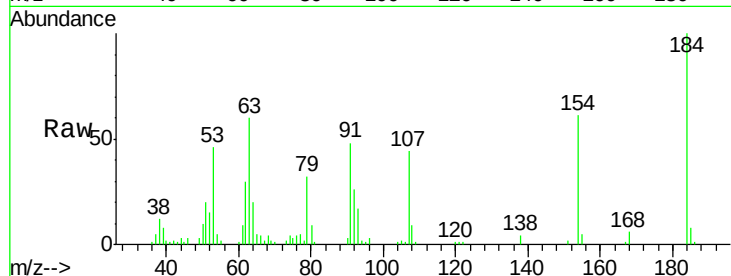




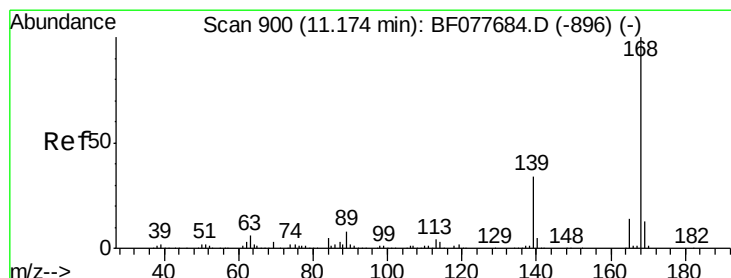
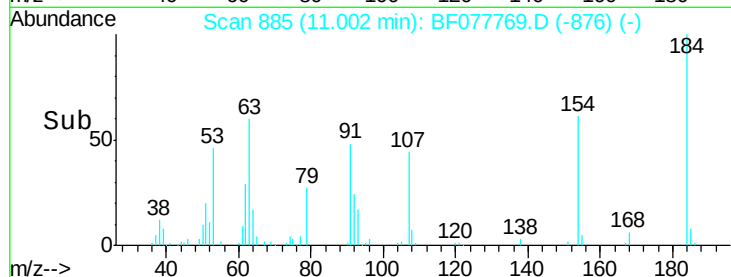
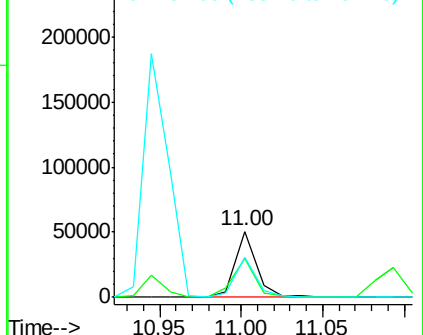
#53
2,4-Dinitrophenol
Concen: 77.98 ng
RT: 11.00 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF077769.D
Acq: 17 Mar 2015 13:42

Instrument :
BNA_F
ClientSampled :
PB82120BS

Tgt Ion:184 Resp: 46081
Ion Ratio Lower Upper
184 100
63 59.6 69.2 103.8#
154 61.5 53.3 79.9

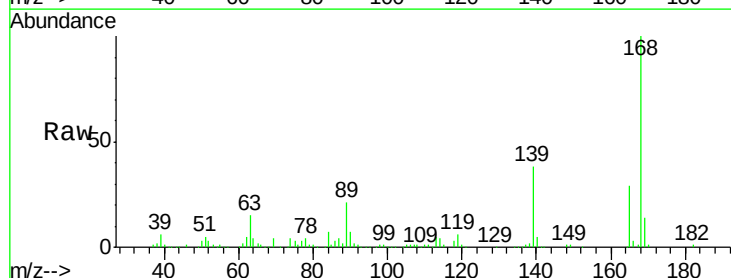


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

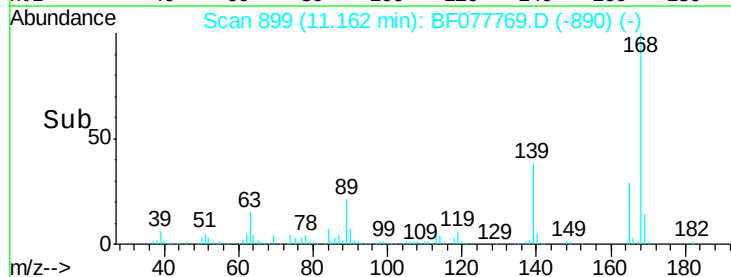
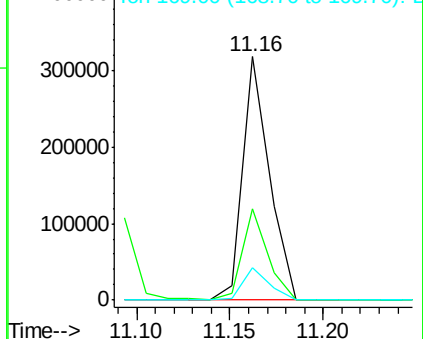


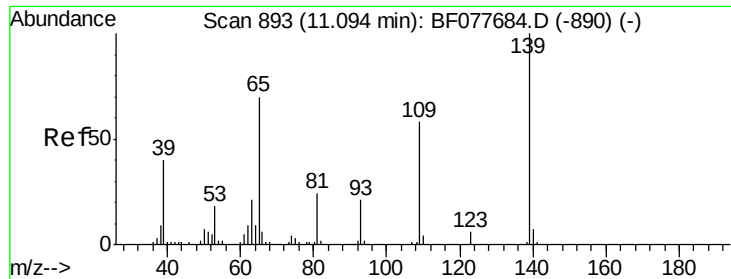
#54
Dibenzofuran
Concen: 32.75 ng
RT: 11.16 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF077769.D
Acq: 17 Mar 2015 13:42

Tgt Ion:168 Resp: 315665
Ion Ratio Lower Upper
168 100
139 37.6 27.3 40.9
169 13.6 10.6 16.0



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

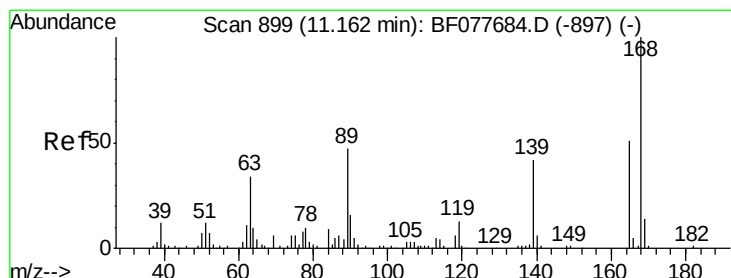
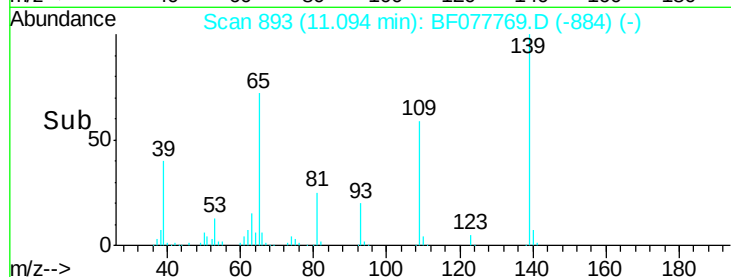
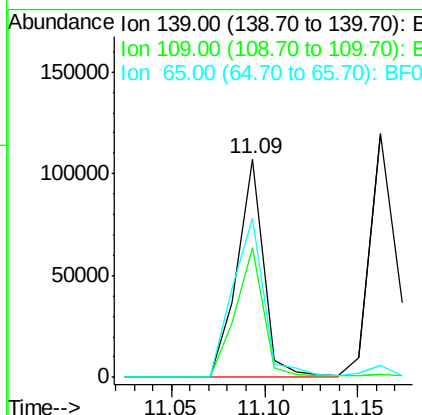
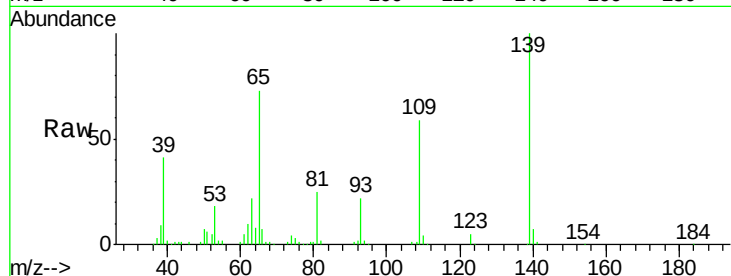




#55
4-Nitrophenol
Concen: 77.50 ng
RT: 11.09 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF077769.D
Acq: 17 Mar 2015 13:42

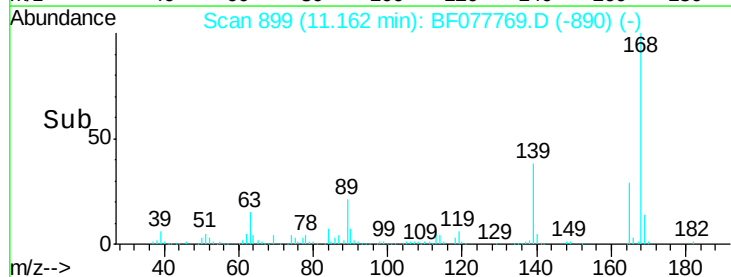
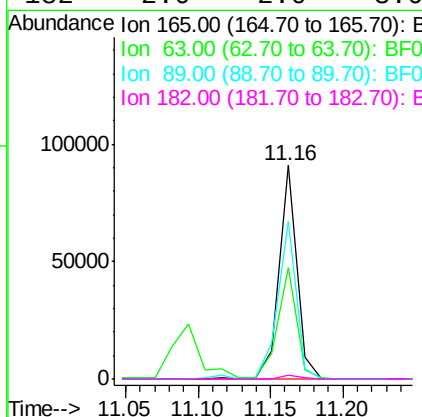
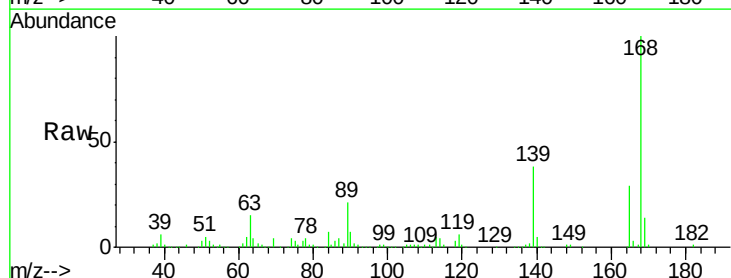
Instrument :
BNA_F
ClientSampleId :
PB82120BS

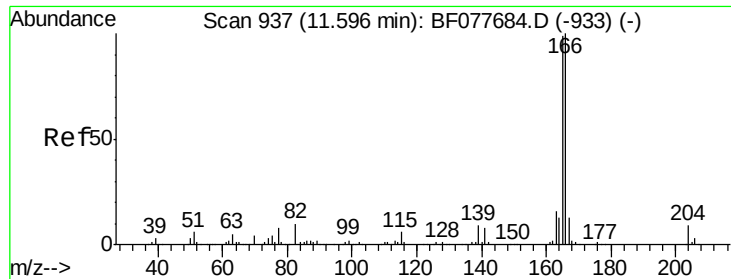
Tgt Ion:139 Resp: 107555
Ion Ratio Lower Upper
139 100
109 59.4 37.7 77.7
65 73.1 49.9 89.9



#56
2,4-Dinitrotoluene
Concen: 36.85 ng
RT: 11.16 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF077769.D
Acq: 17 Mar 2015 13:42

Tgt Ion:165 Resp: 77513
Ion Ratio Lower Upper
165 100
63 52.2 52.4 78.6#
89 73.7 72.4 108.6
182 2.0 2.0 3.0

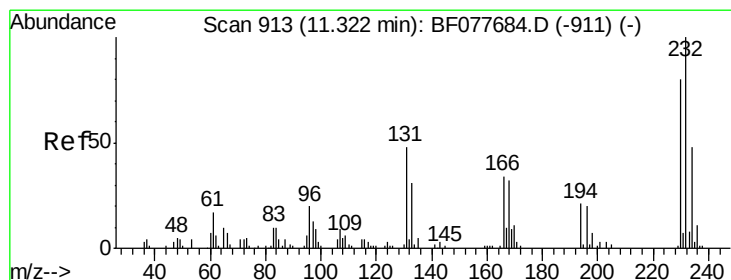
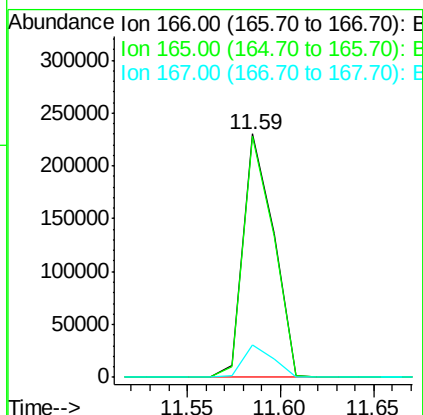
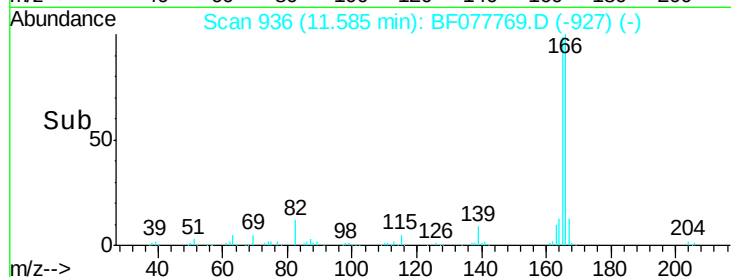
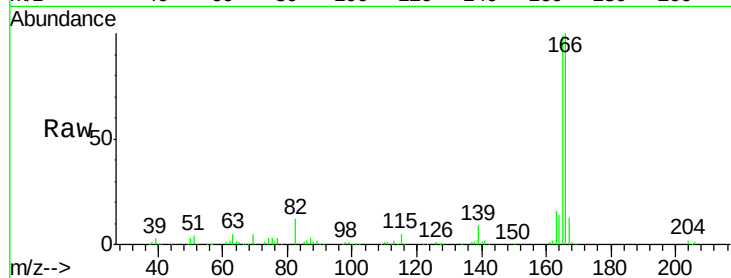




#57
 Fluorene
 Concen: 32.42 ng
 RT: 11.59 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: BF077769.D
 Acq: 17 Mar 2015 13:42

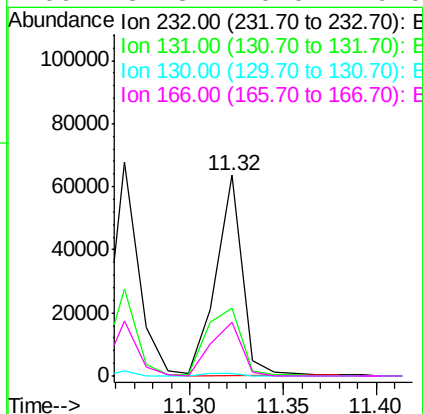
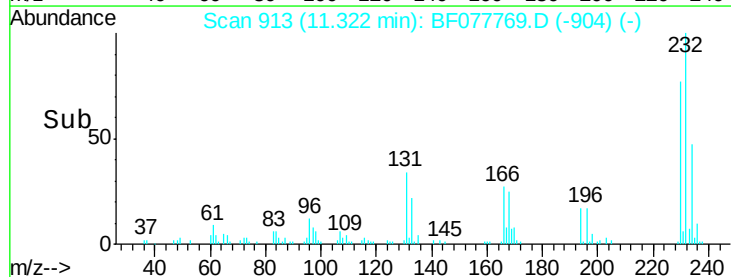
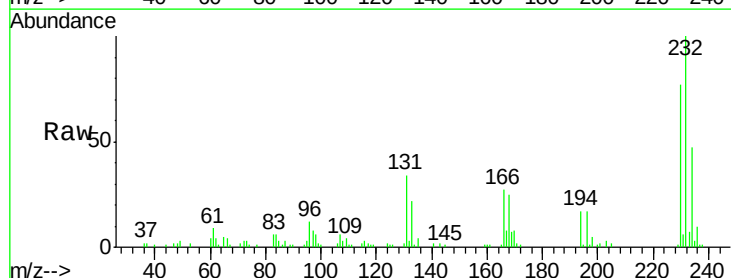
Instrument :
 BNA_F
 ClientSampleId :
 PB82120BS

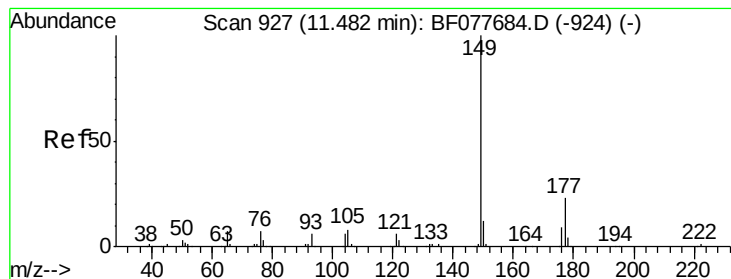
Tgt Ion:166 Resp: 259454
 Ion Ratio Lower Upper
 166 100
 165 99.2 79.0 118.4
 167 13.3 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.35 ng
 RT: 11.32 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF077769.D
 Acq: 17 Mar 2015 13:42

Tgt Ion:232 Resp: 61941
 Ion Ratio Lower Upper
 232 100
 131 45.3 0.0 0.0#
 130 2.2 0.0 0.0#
 166 31.3 0.0 0.0#





#59

Diethylphthalate

Concen: 32.56 ng

RT: 11.47 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF077769.D

Acq: 17 Mar 2015 13:42

Instrument :

BNA_F

ClientSampleId :

PB82120BS

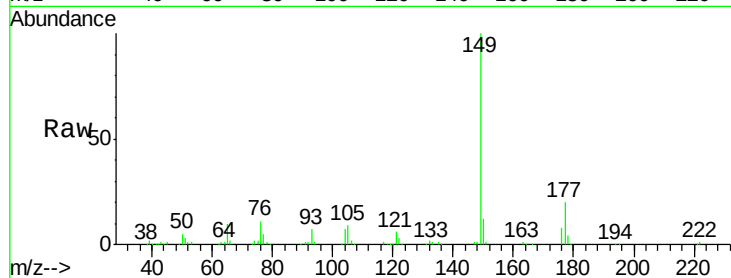
Tgt Ion:149 Resp: 246931

Ion Ratio Lower Upper

149 100

177 20.4 18.3 27.5

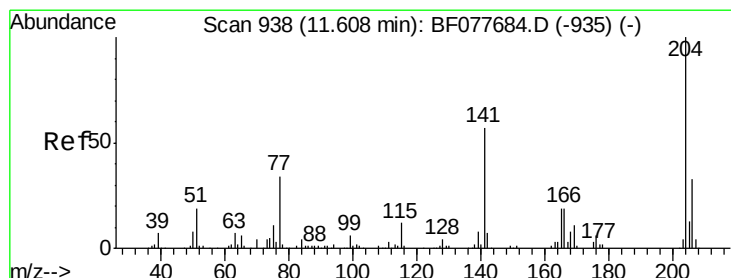
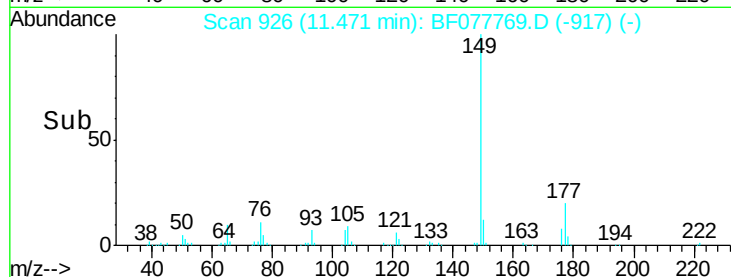
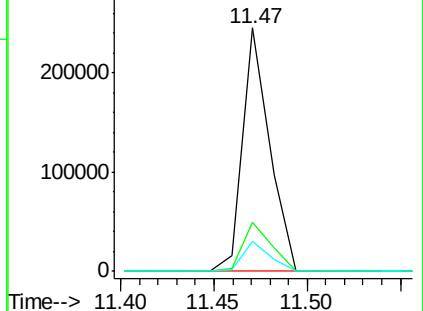
150 12.2 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 31.64 ng

RT: 11.60 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF077769.D

Acq: 17 Mar 2015 13:42

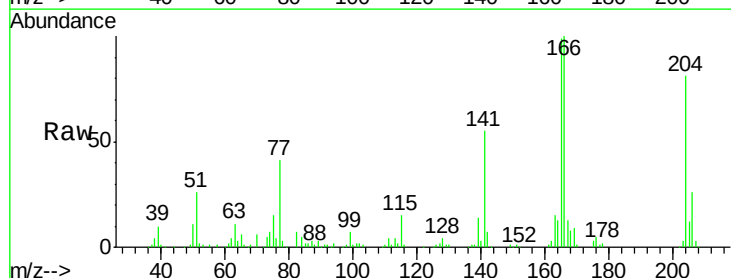
Tgt Ion:204 Resp: 115574

Ion Ratio Lower Upper

204 100

206 32.0 26.6 39.8

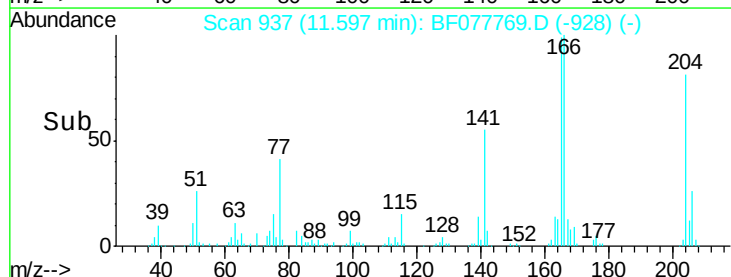
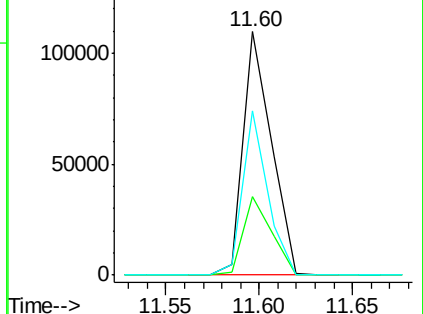
141 67.5 45.2 67.8

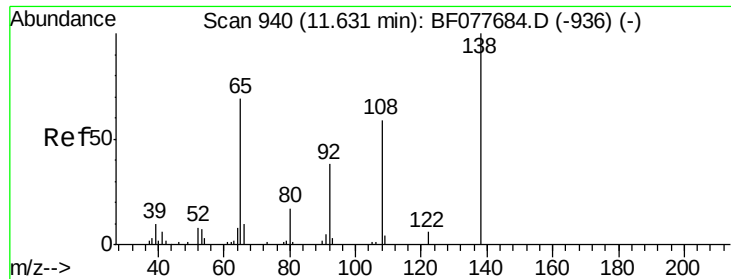


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

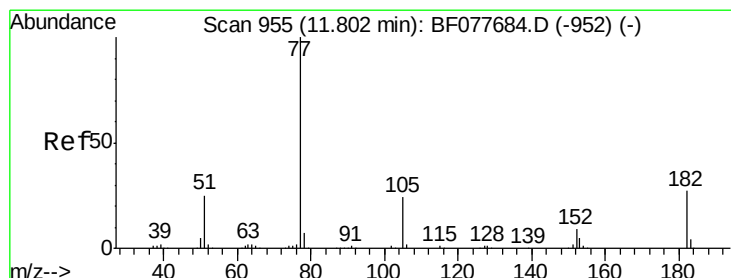
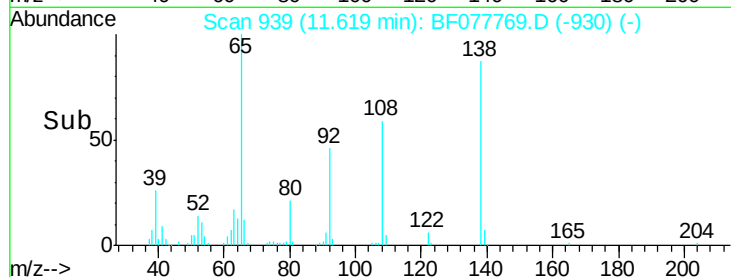
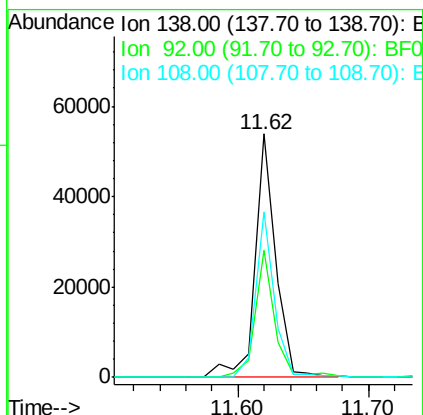
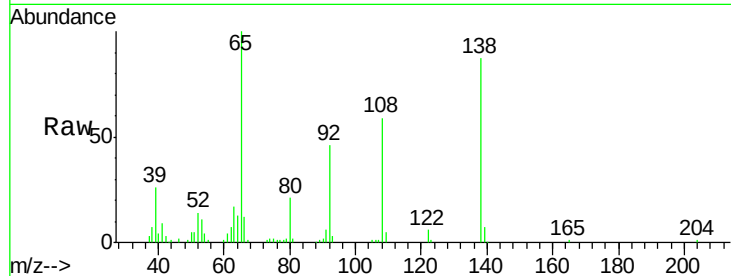




#61
4-Nitroaniline
Concen: 32.17 ng
RT: 11.62 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF077769.D
Acq: 17 Mar 2015 13:42

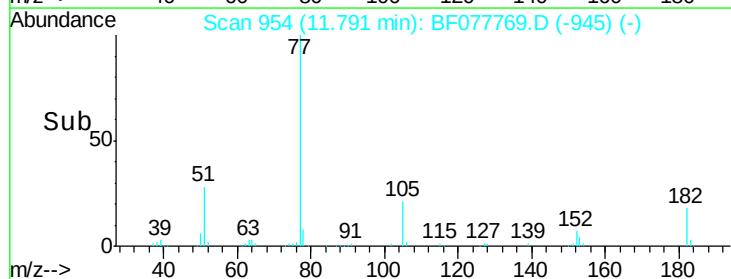
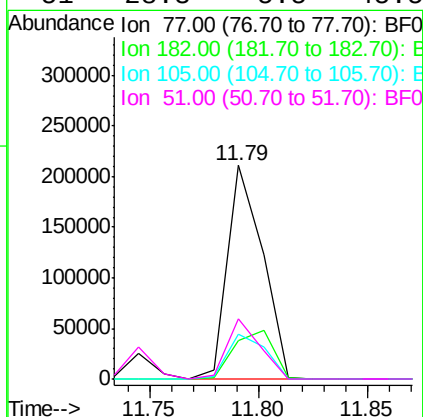
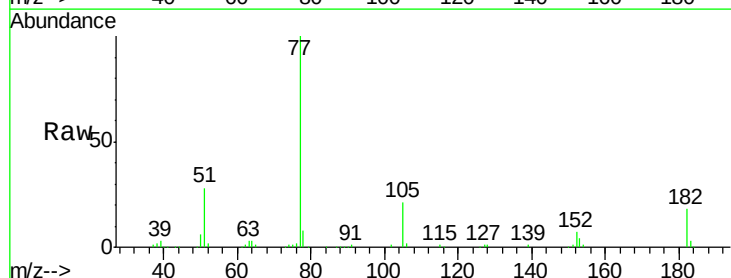
Instrument :
BNA_F
ClientSampleId :
PB82120BS

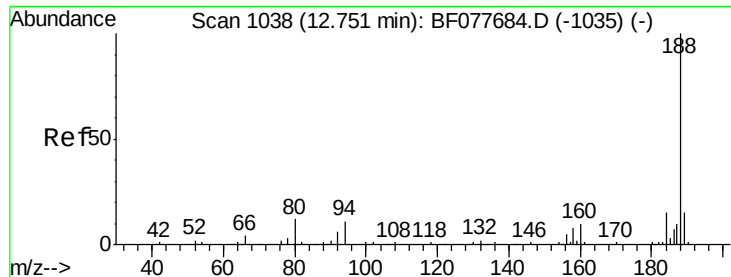
Tgt Ion:138 Resp: 60060
Ion Ratio Lower Upper
138 100
92 52.3 16.7 56.7
108 67.9 37.6 77.6



#62
Azobenzene
Concen: 32.61 ng
RT: 11.79 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF077769.D
Acq: 17 Mar 2015 13:42

Tgt Ion: 77 Resp: 236326
Ion Ratio Lower Upper
77 100
182 18.1 6.5 46.5
105 21.1 3.8 43.8
51 28.3 5.5 45.5

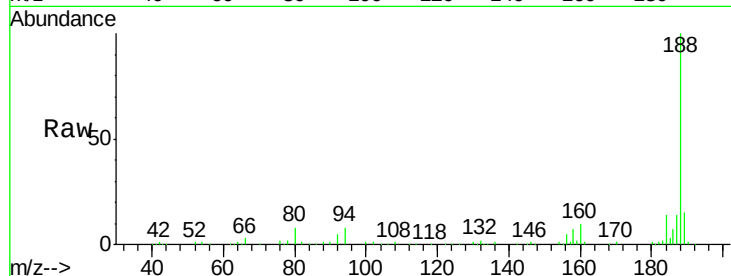




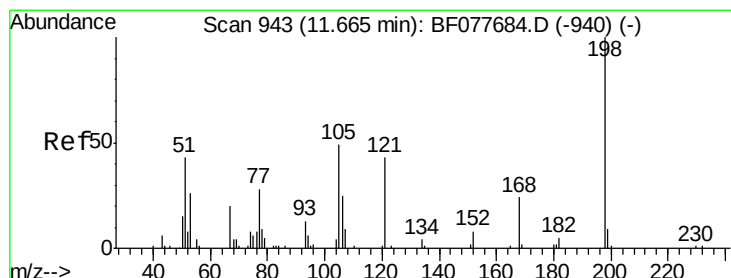
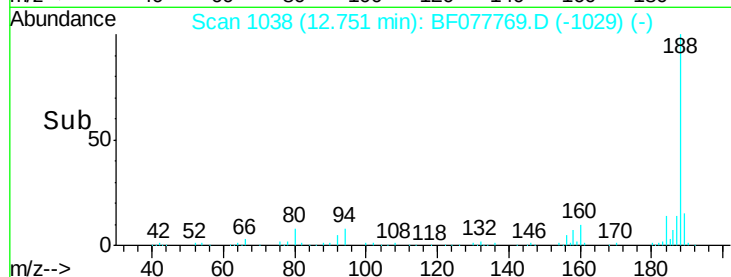
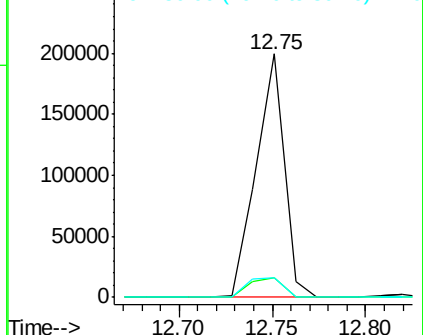
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.75 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF077769.D
 Acq: 17 Mar 2015 13:42

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BS

Tgt Ion:188 Resp: 207406
 Ion Ratio Lower Upper
 188 100
 94 8.0 8.7 13.1#
 80 8.2 9.3 13.9#

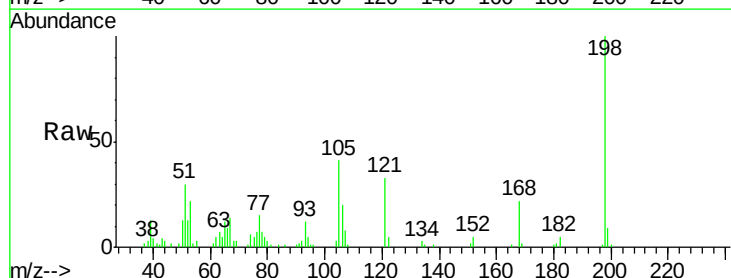


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

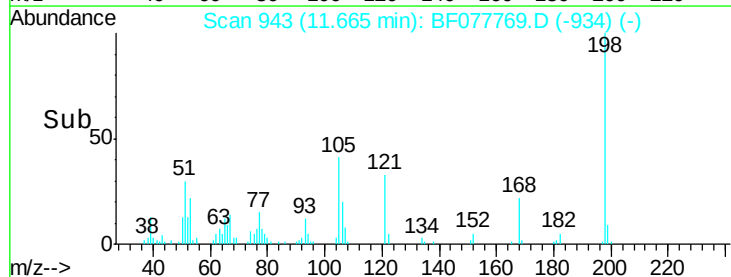
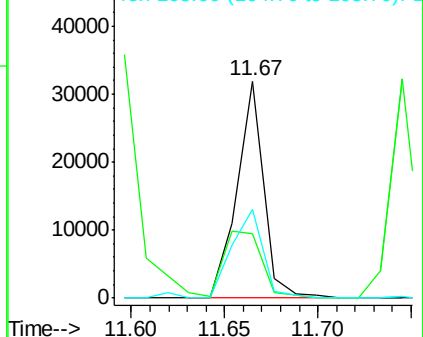


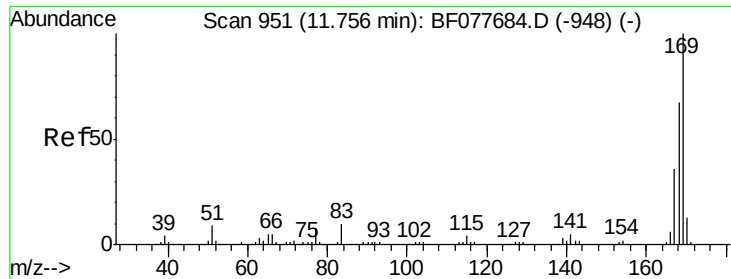
#64
 4,6-Dinitro-2-methylphenol
 Concen: 34.15 ng
 RT: 11.67 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF077769.D
 Acq: 17 Mar 2015 13:42

Tgt Ion:198 Resp: 32104
 Ion Ratio Lower Upper
 198 100
 51 29.9 28.8 68.8
 105 40.8 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

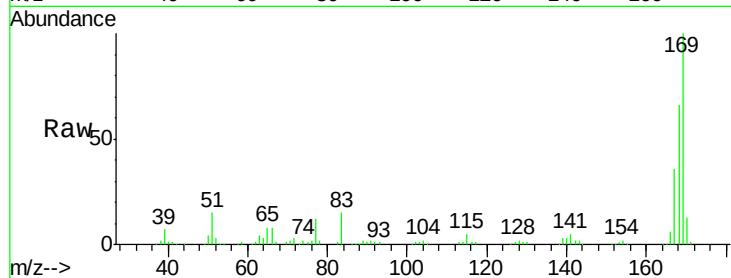




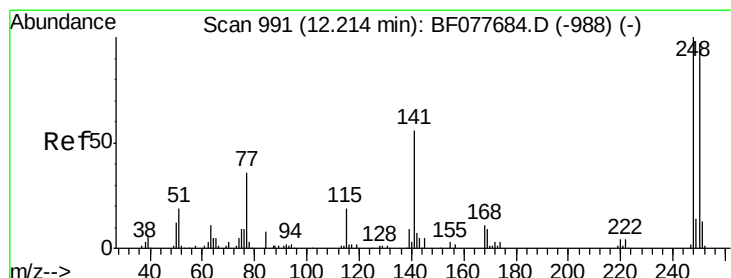
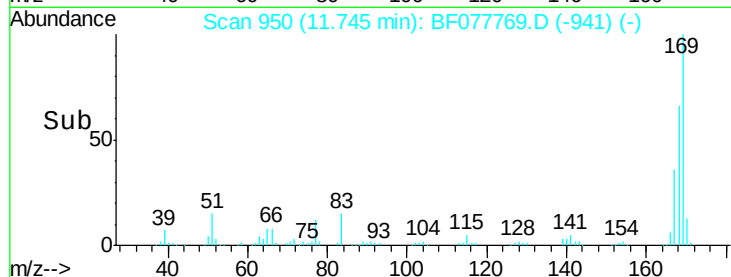
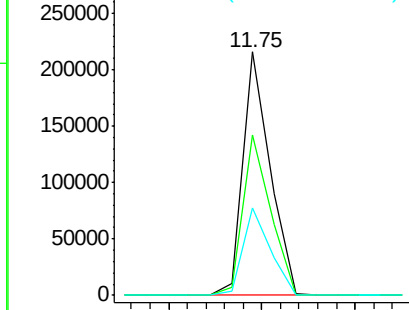
#65
n-Nitrosodiphenylamine
Concen: 31.65 ng
RT: 11.75 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF077769.D
Acq: 17 Mar 2015 13:42

Instrument :
BNA_F
ClientSampleId :
PB82120BS

Tgt Ion:169 Resp: 218547
Ion Ratio Lower Upper
169 100
168 66.0 53.9 80.9
167 36.1 28.9 43.3

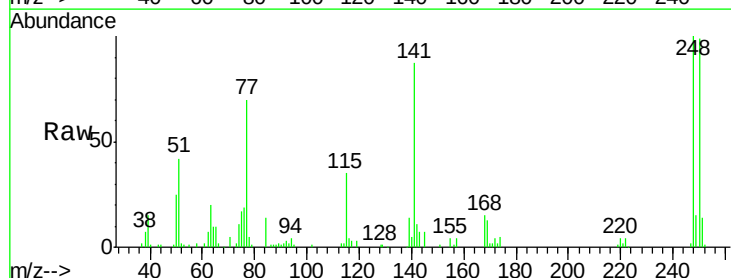


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

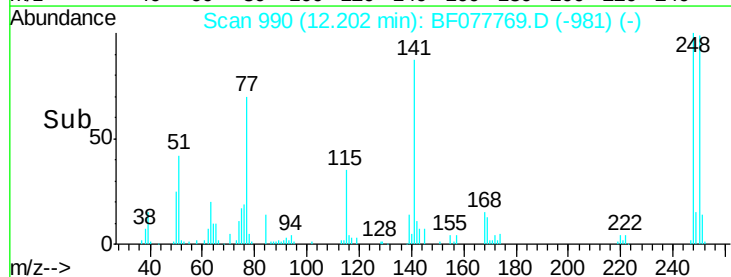
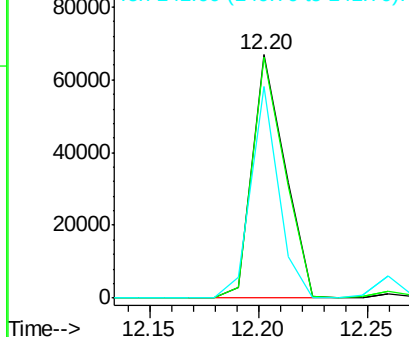


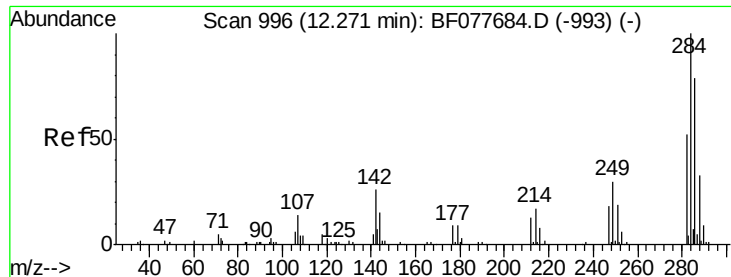
#66
4-Bromophenyl-phenylether
Concen: 31.57 ng
RT: 12.20 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF077769.D
Acq: 17 Mar 2015 13:42

Tgt Ion:248 Resp: 69880
Ion Ratio Lower Upper
248 100
250 99.1 77.4 116.0
141 86.8 45.2 67.8#



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

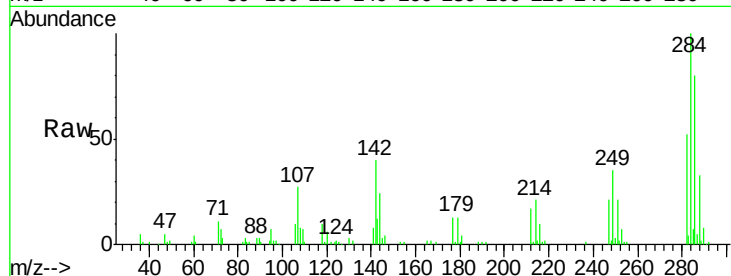




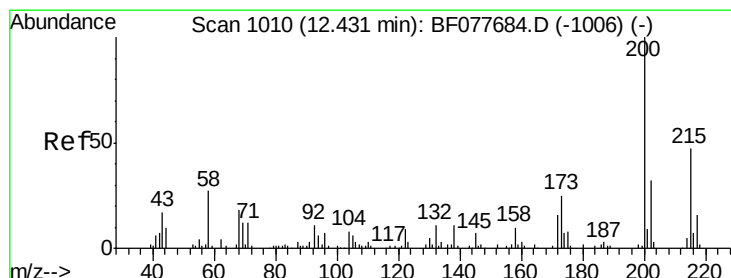
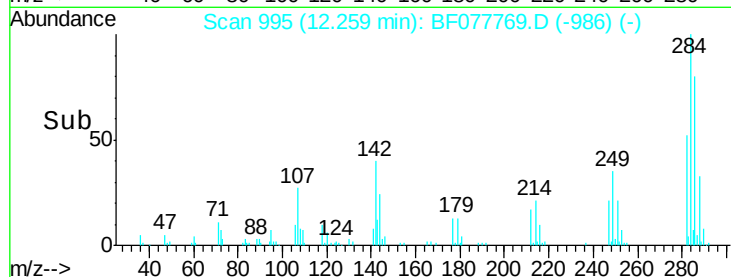
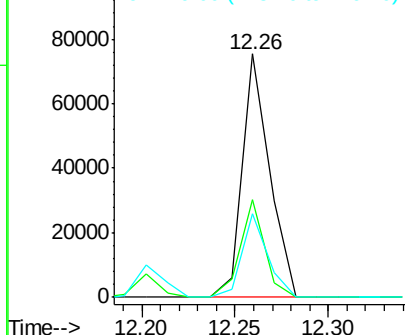
#67
Hexachlorobenzene
Concen: 31.49 ng
RT: 12.26 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF077769.D
Acq: 17 Mar 2015 13:42

Instrument :
BNA_F
ClientSampleId :
PB82120BS

Tgt Ion:284 Resp: 76575
Ion Ratio Lower Upper
284 100
142 40.4 20.4 30.6#
249 34.5 23.8 35.6

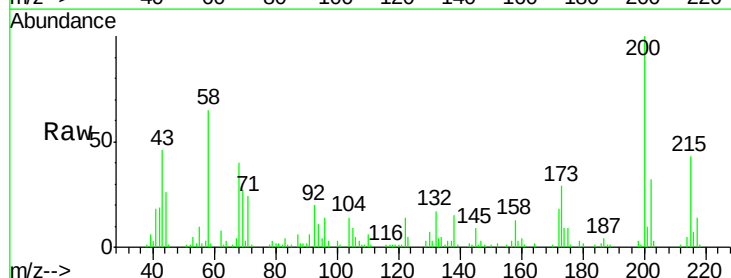


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

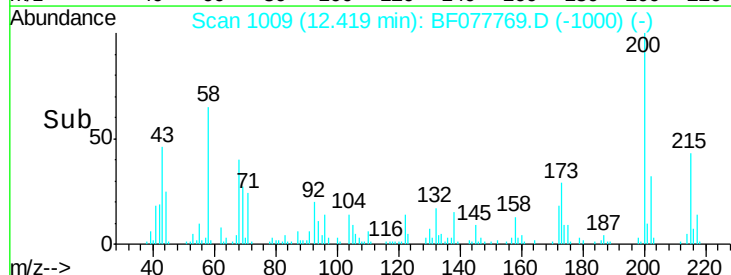
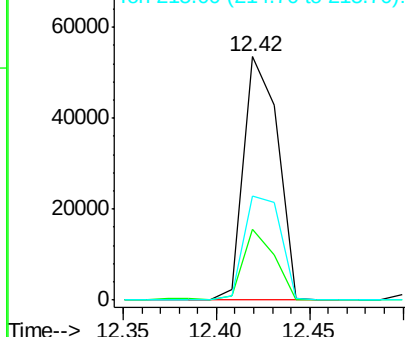


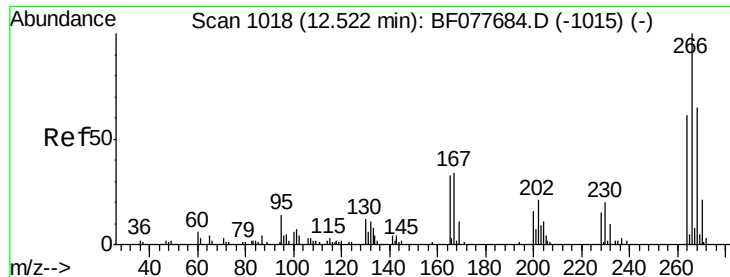
#68
Atrazine
Concen: 35.15 ng
RT: 12.42 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF077769.D
Acq: 17 Mar 2015 13:42

Tgt Ion:200 Resp: 68021
Ion Ratio Lower Upper
200 100
173 28.9 4.8 44.8
215 42.8 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

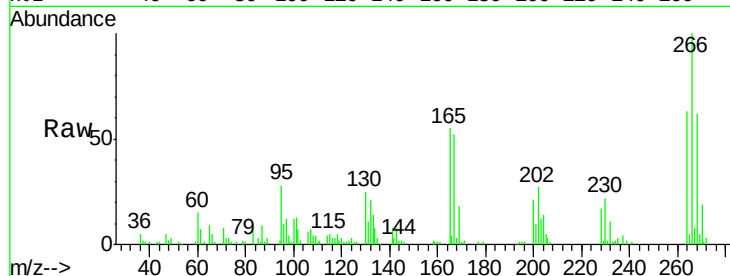




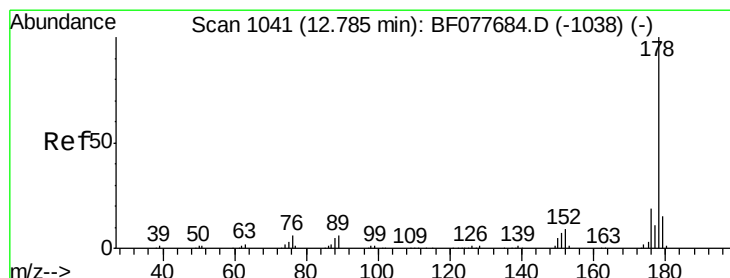
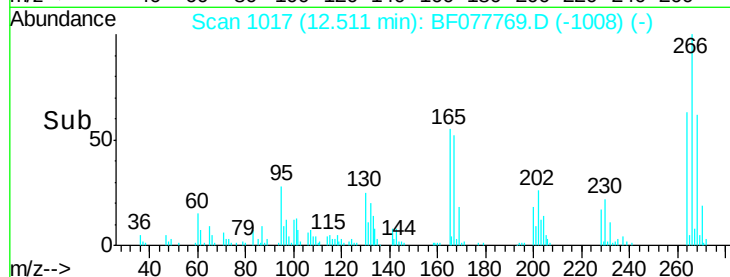
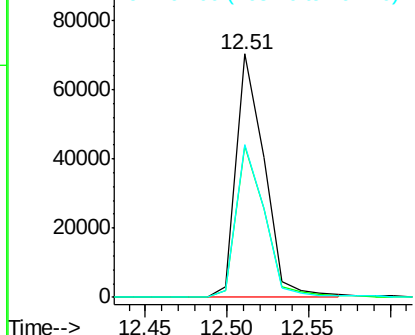
#69
 Pentachlorophenol
 Concen: 66.43 ng
 RT: 12.51 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BF077769.D
 Acq: 17 Mar 2015 13:42

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BS

Tgt Ion: 266 Resp: 83926
 Ion Ratio Lower Upper
 266 100
 268 62.3 52.0 78.0
 264 62.7 49.0 73.4

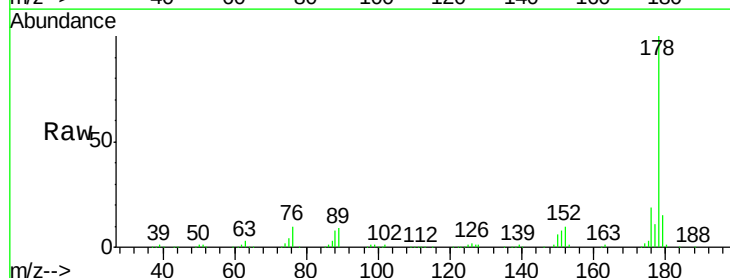


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

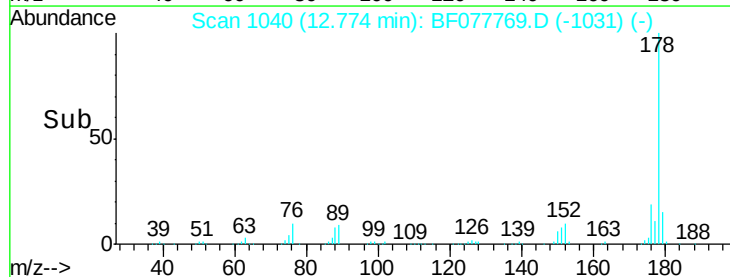
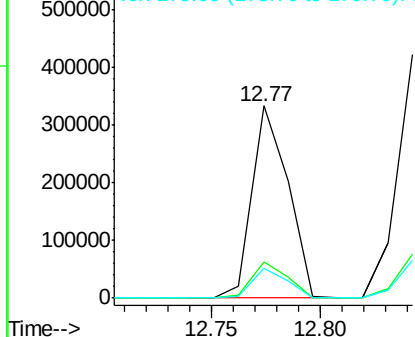


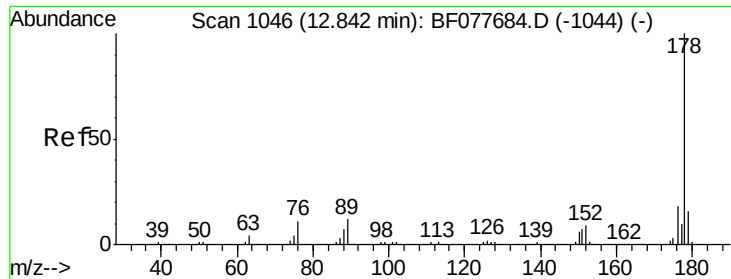
#70
 Phenanthrene
 Concen: 32.29 ng
 RT: 12.77 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF077769.D
 Acq: 17 Mar 2015 13:42

Tgt Ion: 178 Resp: 384411
 Ion Ratio Lower Upper
 178 100
 176 19.0 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

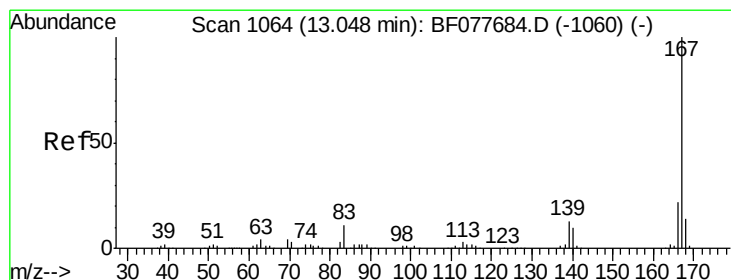
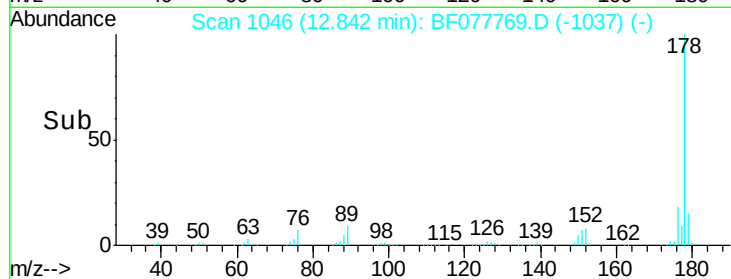
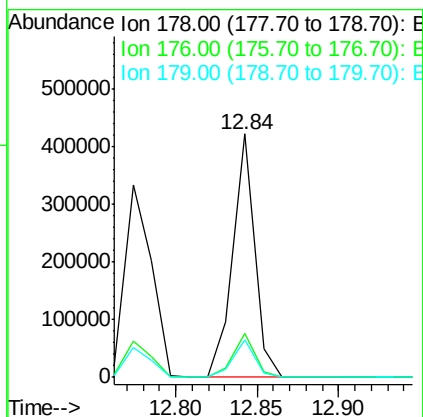
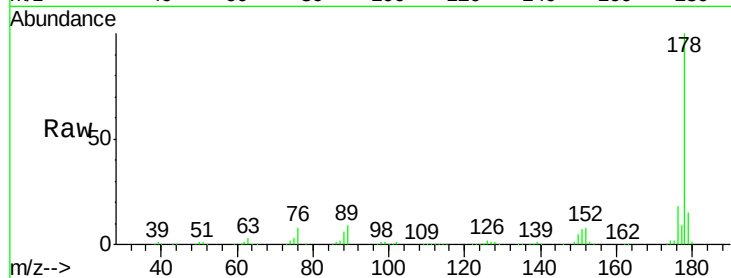




#71
 Anthracene
 Concen: 33.14 ng
 RT: 12.84 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF077769.D
 Acq: 17 Mar 2015 13:42

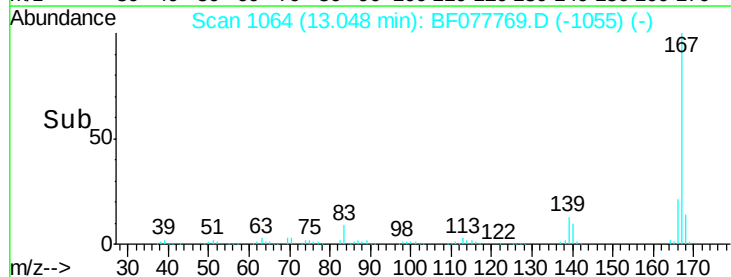
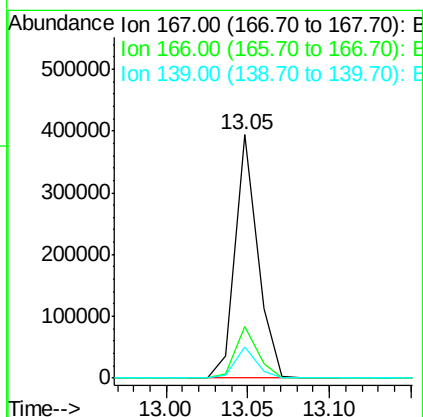
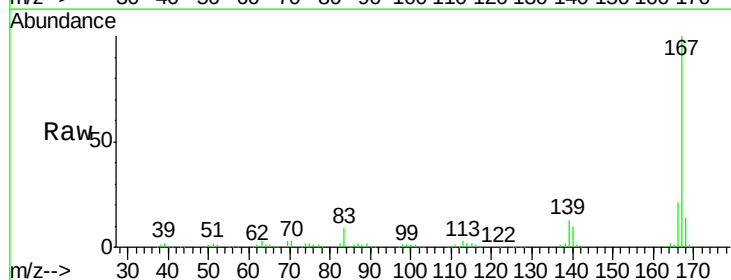
Instrument :
 BNA_F
 ClientSampleId :
 PB82120BS

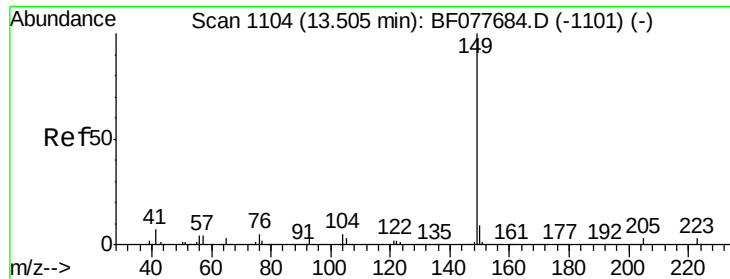
Tgt Ion:178 Resp: 389821
 Ion Ratio Lower Upper
 178 100
 176 18.3 14.6 22.0
 179 15.2 12.6 19.0



#72
 Carbazole
 Concen: 33.58 ng
 RT: 13.05 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF077769.D
 Acq: 17 Mar 2015 13:42

Tgt Ion:167 Resp: 375787
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.2 25.8
 139 12.9 10.8 16.2

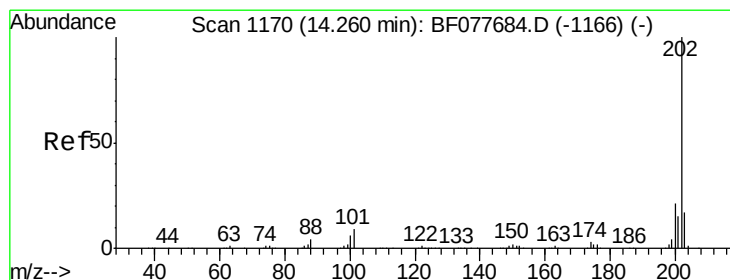
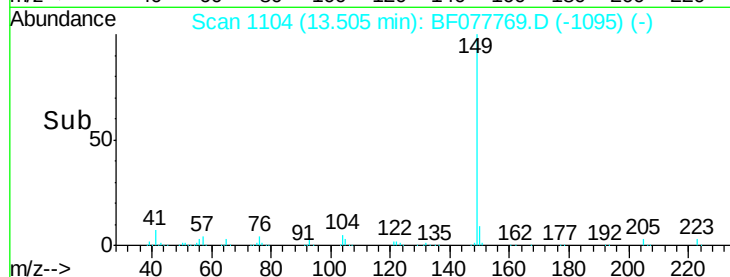
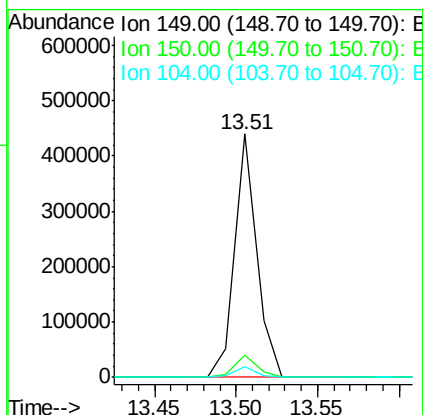
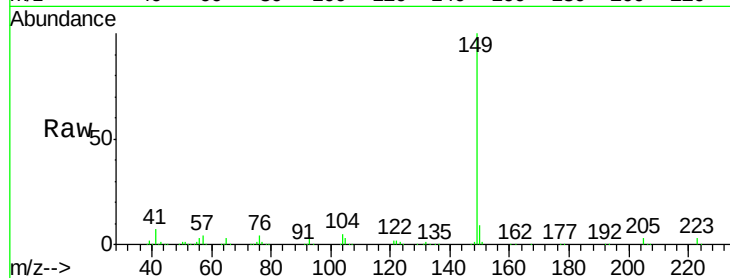




#73
Di-n-butylphthalate
Concen: 32.70 ng
RT: 13.51 min Scan# 1104
Delta R.T. 0.00 min
Lab File: BF077769.D
Acq: 17 Mar 2015 13:42

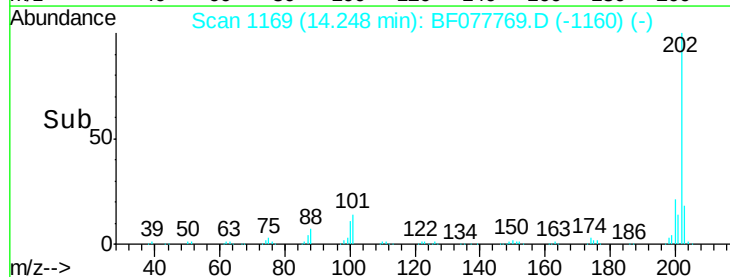
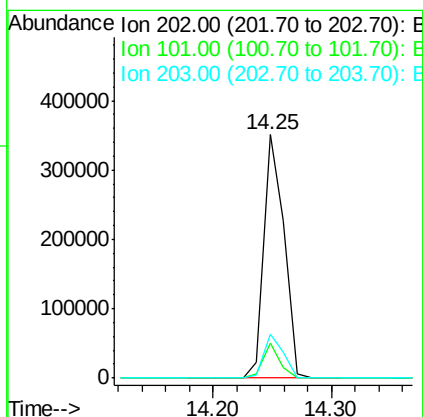
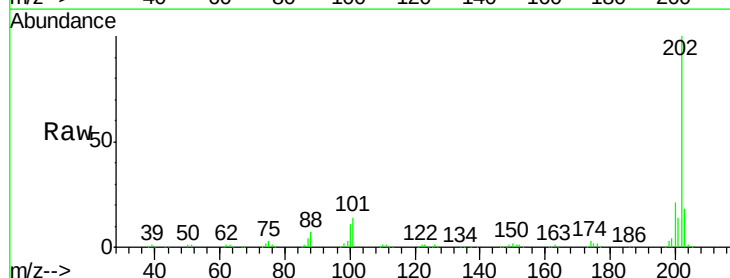
Instrument :
BNA_F
ClientSampleId :
PB82120BS

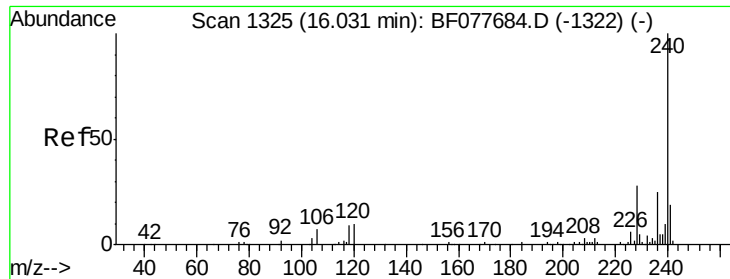
Tgt Ion:149 Resp: 410280
Ion Ratio Lower Upper
149 100
150 9.0 7.5 11.3
104 4.5 3.7 5.5



#74
Fluoranthene
Concen: 31.85 ng
RT: 14.25 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF077769.D
Acq: 17 Mar 2015 13:42

Tgt Ion:202 Resp: 418220
Ion Ratio Lower Upper
202 100
101 14.4 0.0 28.7
203 18.1 0.0 37.2

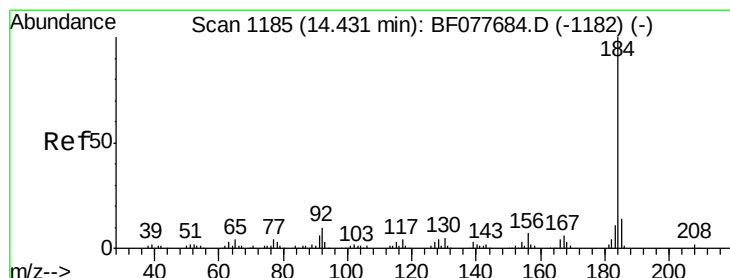
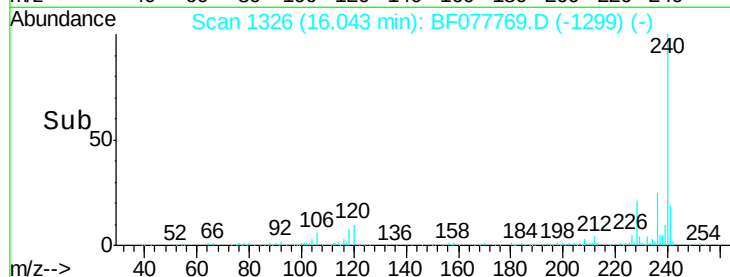
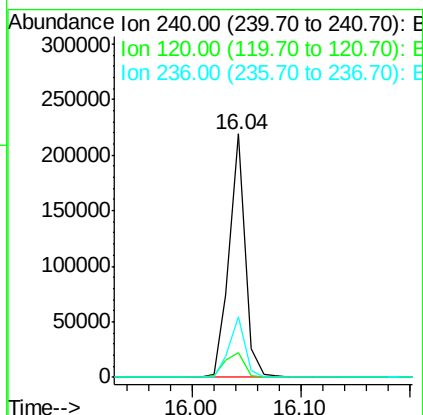
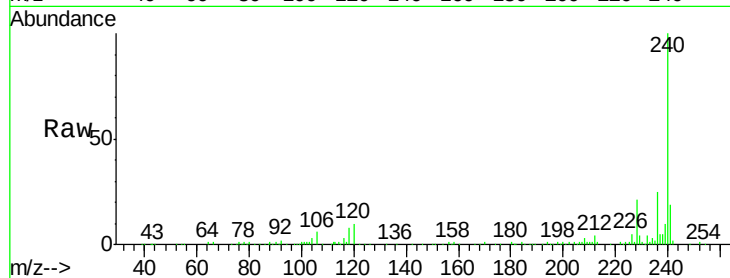




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.04 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF077769.D
Acq: 17 Mar 2015 13:42

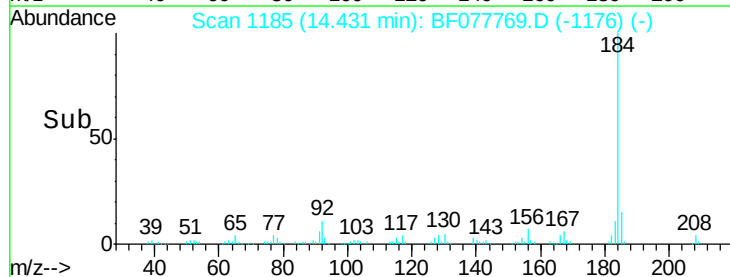
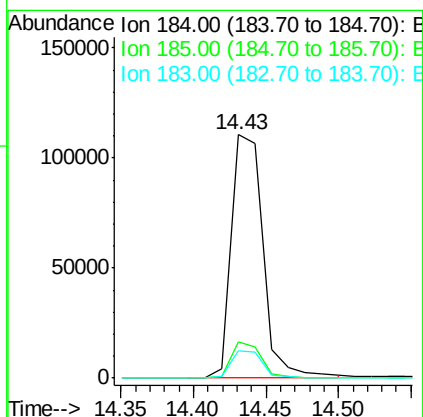
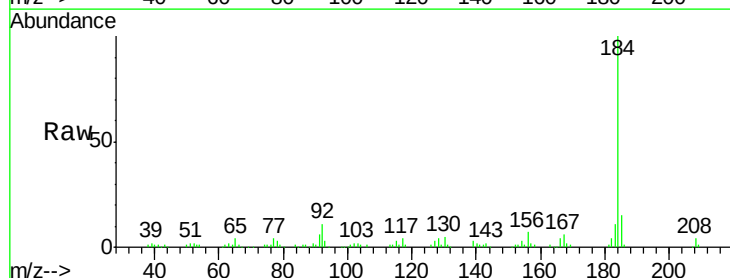
Instrument :
BNA_F
ClientSampleId :
PB82120BS

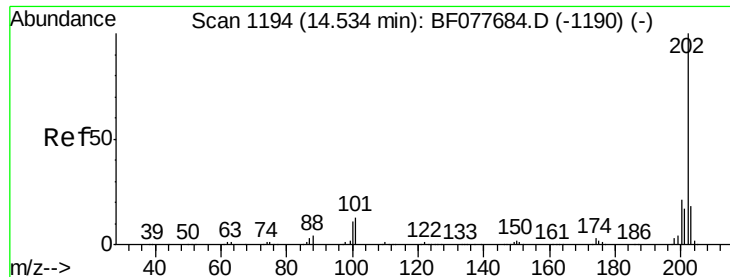
Tgt Ion:240 Resp: 224118
Ion Ratio Lower Upper
240 100
120 10.0 8.2 12.2
236 24.9 20.0 30.0



#76
Benzidine
Concen: 30.16 ng
RT: 14.43 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BF077769.D
Acq: 17 Mar 2015 13:42

Tgt Ion:184 Resp: 167869
Ion Ratio Lower Upper
184 100
185 14.7 11.3 16.9
183 11.3 8.9 13.3

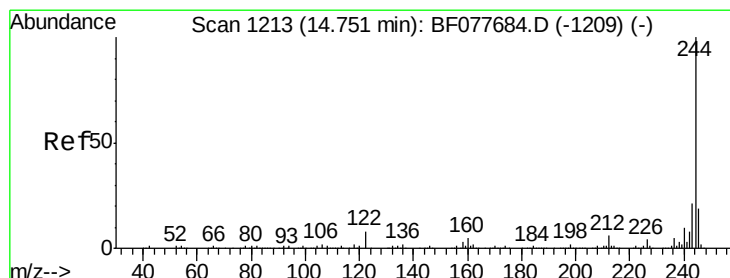
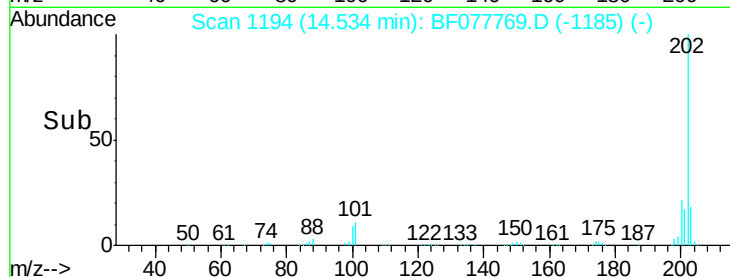
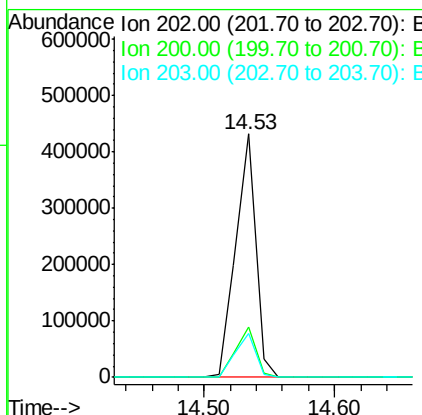
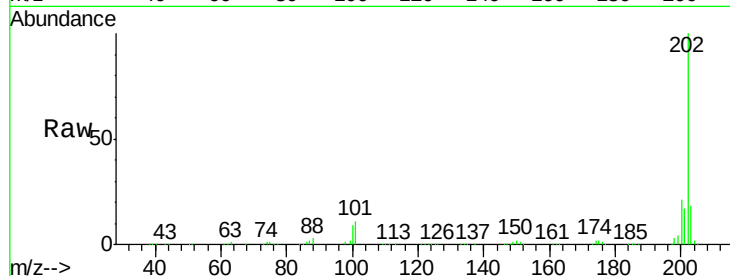




#77
 Pyrene
 Concen: 32.66 ng
 RT: 14.53 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF077769.D
 Acq: 17 Mar 2015 13:42

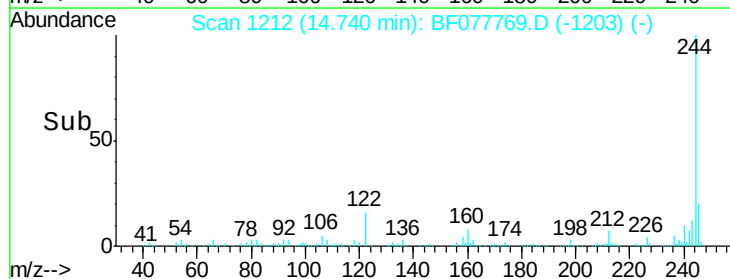
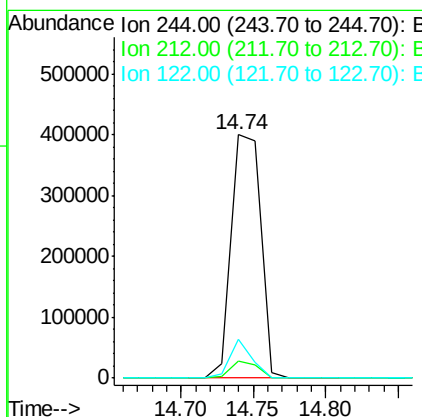
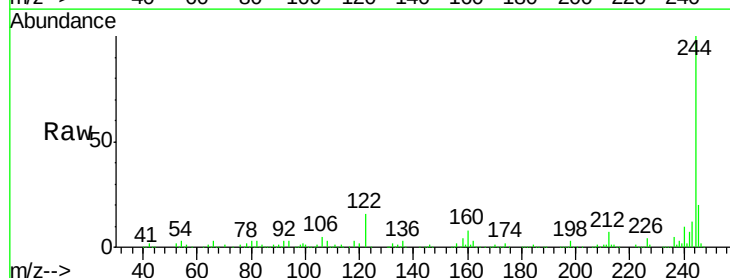
Instrument :
 BNA_F
 ClientSampleId :
 PB82120BS

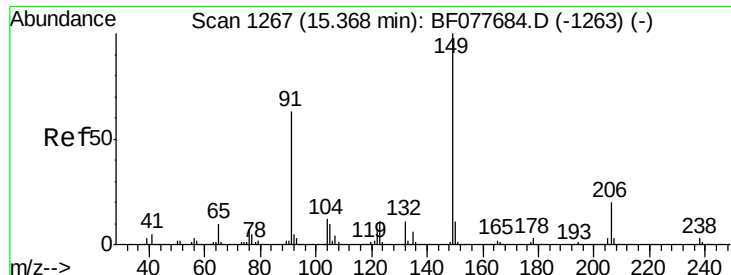
Tgt Ion: 202 Resp: 460247
 Ion Ratio Lower Upper
 202 100
 200 20.8 16.9 25.3
 203 17.8 14.1 21.1



#78
 Terphenyl-d14
 Concen: 61.82 ng
 RT: 14.74 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF077769.D
 Acq: 17 Mar 2015 13:42

Tgt Ion: 244 Resp: 567213
 Ion Ratio Lower Upper
 244 100
 212 7.2 4.9 7.3
 122 16.1 6.2 9.4#

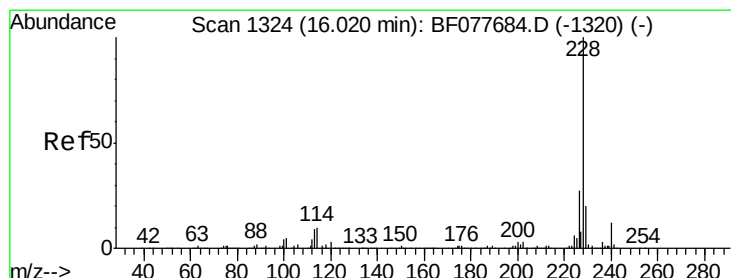
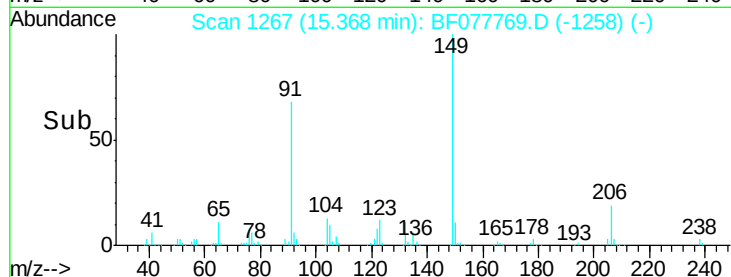
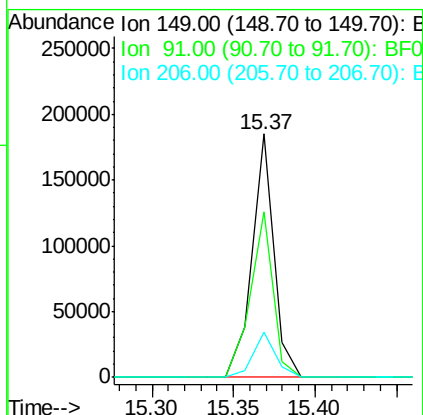
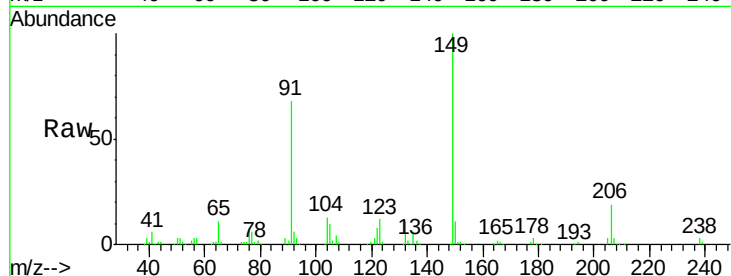




#79
Butylbenzylphthalate
Concen: 30.97 ng
RT: 15.37 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF077769.D
Acq: 17 Mar 2015 13:42

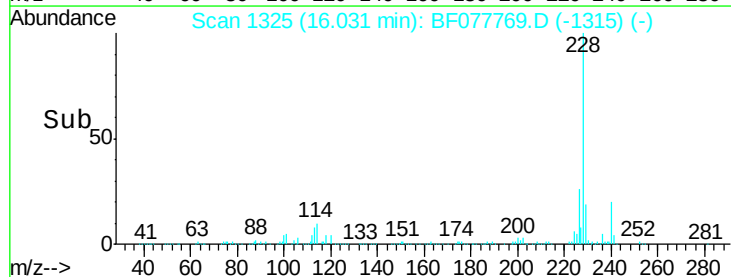
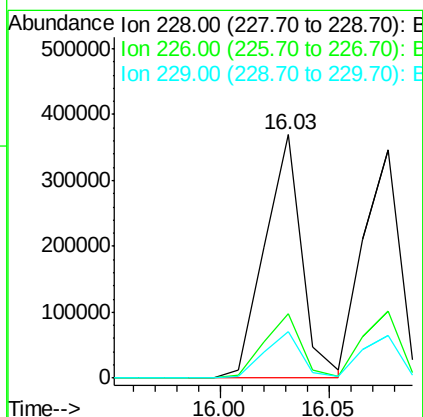
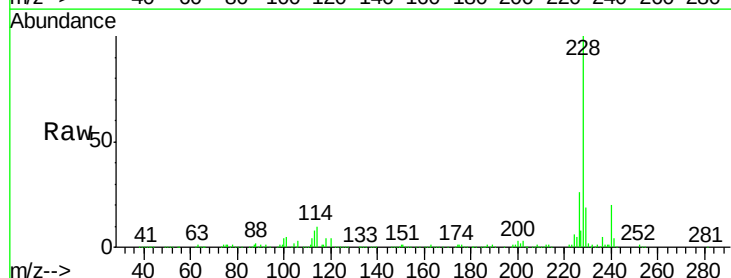
Instrument :
BNA_F
ClientSampleId :
PB82120BS

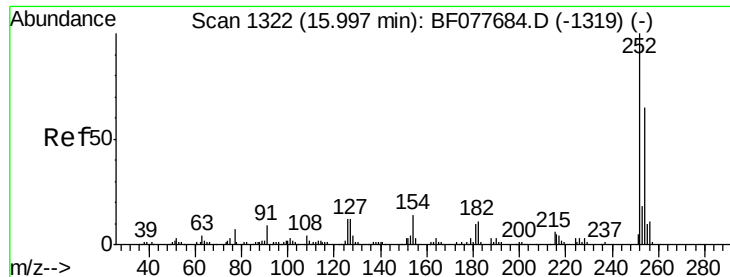
Tgt Ion:149 Resp: 172105
Ion Ratio Lower Upper
149 100
91 67.8 50.1 75.1
206 18.8 16.2 24.2



#80
Benzo(a)anthracene
Concen: 33.01 ng
RT: 16.03 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF077769.D
Acq: 17 Mar 2015 13:42

Tgt Ion:228 Resp: 438534
Ion Ratio Lower Upper
228 100
226 26.4 21.7 32.5
229 19.3 16.0 24.0

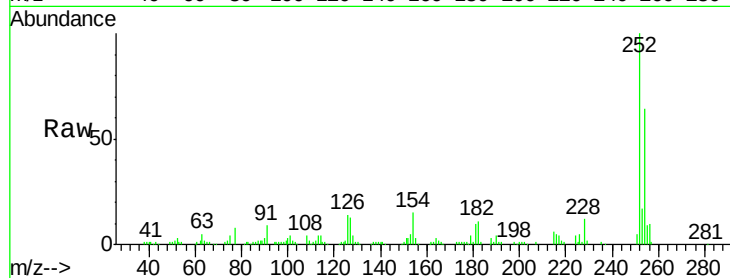




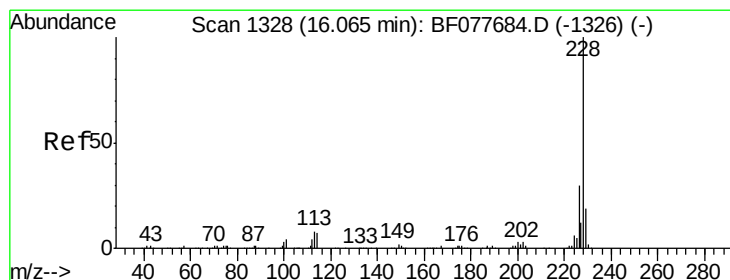
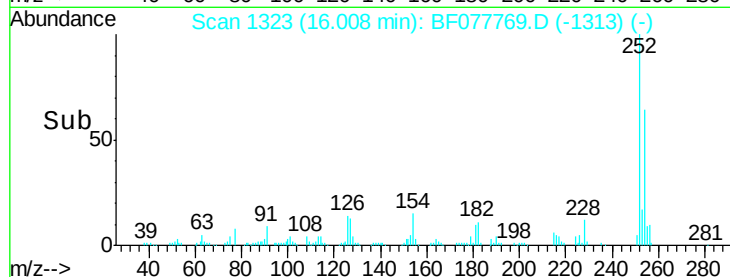
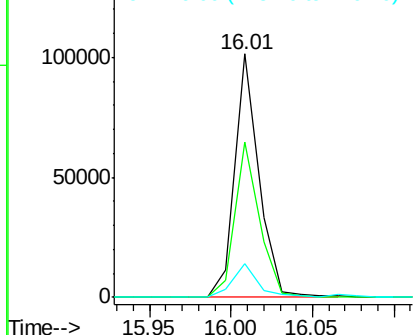
#81
 3,3'-Dichlorobenzidine
 Concen: 23.61 ng
 RT: 16.01 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: BF077769.D
 Acq: 17 Mar 2015 13:42

Instrument :
 BNA_F
 ClientSampled :
 PB82120BS

Tgt Ion:252 Resp: 103452
 Ion Ratio Lower Upper
 252 100
 254 63.6 51.9 77.9
 126 14.0 9.8 14.8

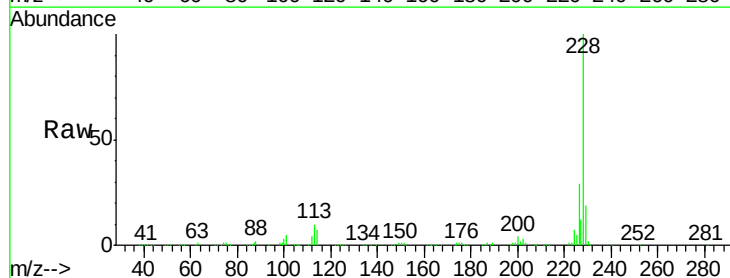


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

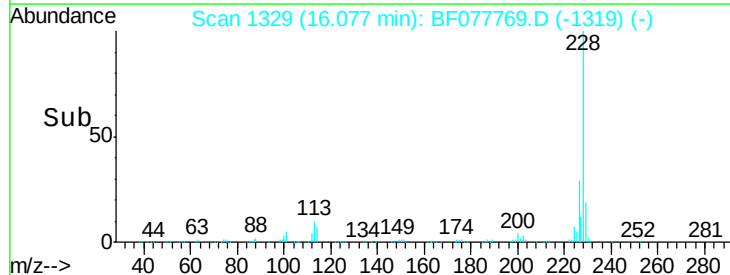
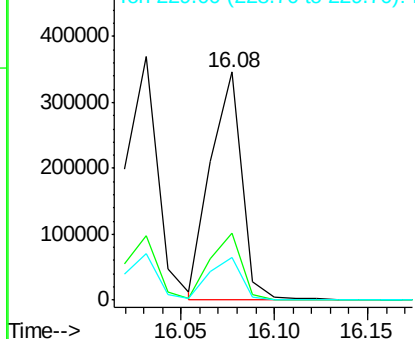


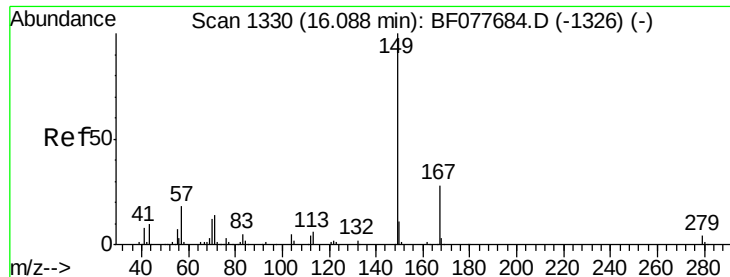
#82
 Chrysene
 Concen: 33.72 ng
 RT: 16.08 min Scan# 1329
 Delta R.T. 0.01 min
 Lab File: BF077769.D
 Acq: 17 Mar 2015 13:42

Tgt Ion:228 Resp: 402836
 Ion Ratio Lower Upper
 228 100
 226 29.3 24.1 36.1
 229 18.9 15.5 23.3



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

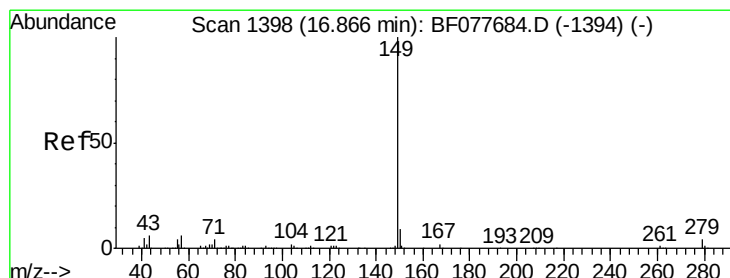
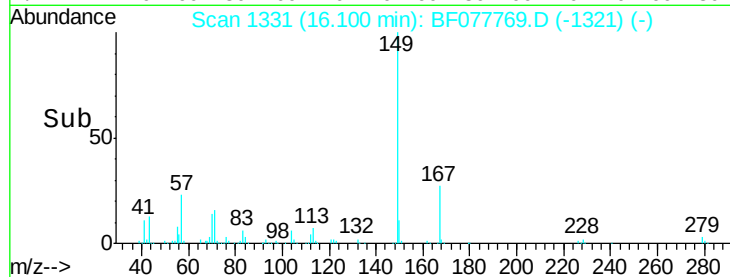
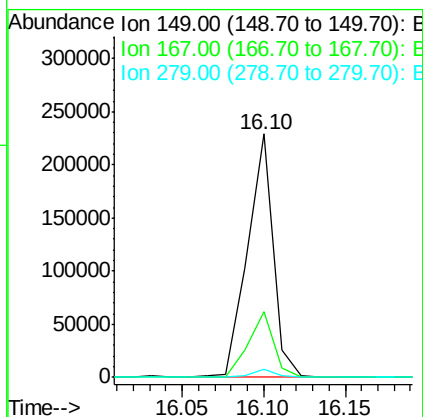
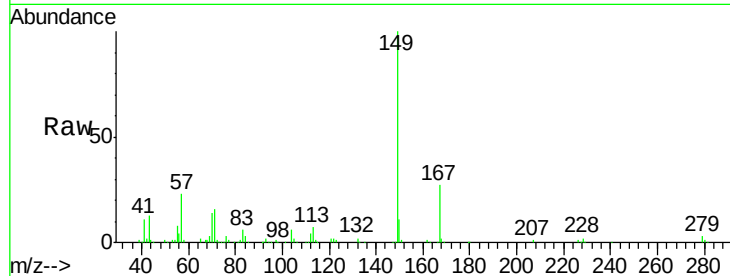




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 29.62 ng
 RT: 16.10 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BF077769.D
 Acq: 17 Mar 2015 13:42

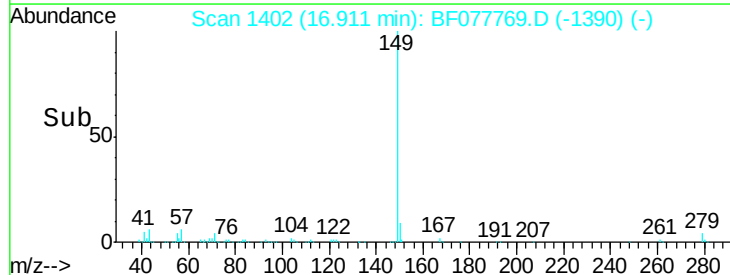
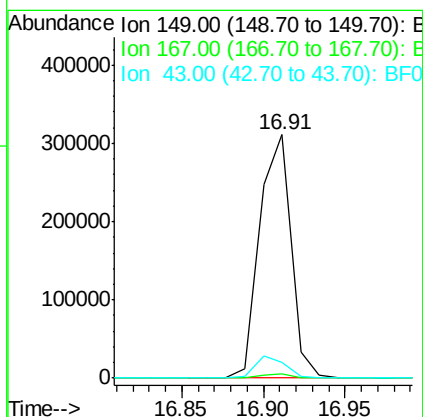
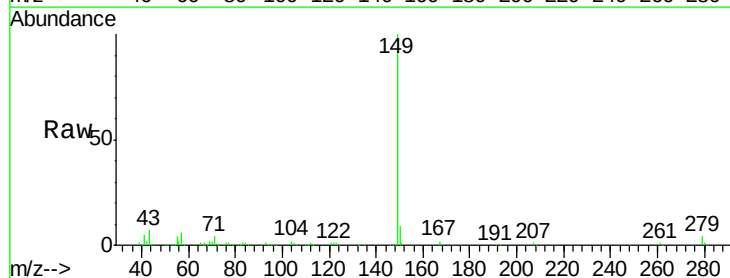
Instrument :
 BNA_F
 ClientSampleId :
 PB82120BS

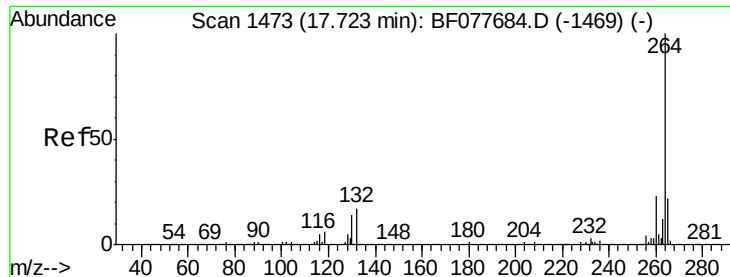
Tgt Ion:149 Resp: 249340
 Ion Ratio Lower Upper
 149 100
 167 27.1 22.4 33.6
 279 3.4 3.4 5.0



#84
 Di-n-octyl phthalate
 Concen: 28.99 ng
 RT: 16.91 min Scan# 1402
 Delta R.T. 0.03 min
 Lab File: BF077769.D
 Acq: 17 Mar 2015 13:42

Tgt Ion:149 Resp: 417187
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.7 7.3 10.9





#86

Perylene-d12

Concen: 20.00 ng

RT: 17.80 min Scan# 1480

Delta R.T. 0.06 min

Lab File: BF077769.D

Acq: 17 Mar 2015 13:42

Instrument :

BNA_F

ClientSampleId :

PB82120BS

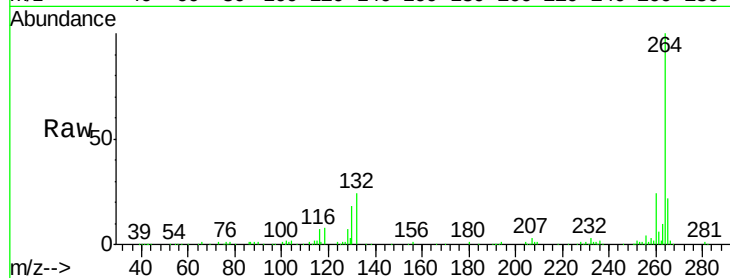
Tgt Ion: 264 Resp: 212536

Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

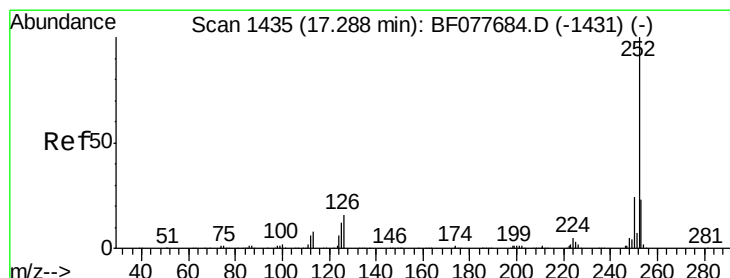
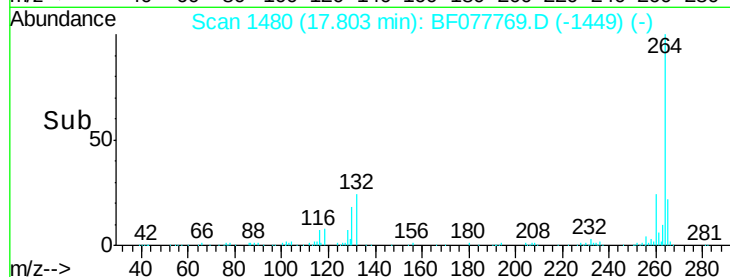
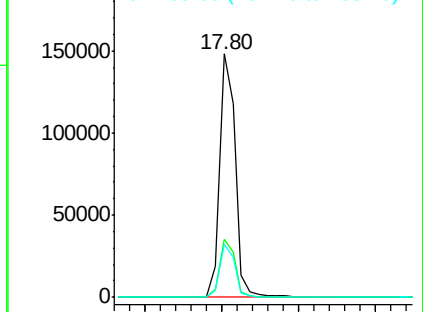
265 21.7 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 30.97 ng

RT: 17.35 min Scan# 1440

Delta R.T. 0.05 min

Lab File: BF077769.D

Acq: 17 Mar 2015 13:42

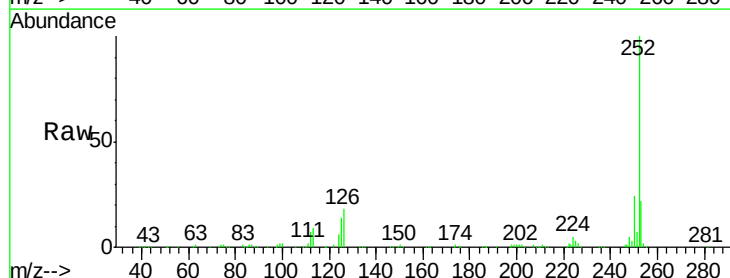
Tgt Ion: 252 Resp: 429693

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

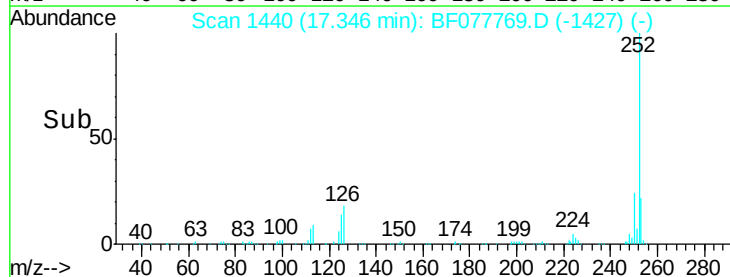
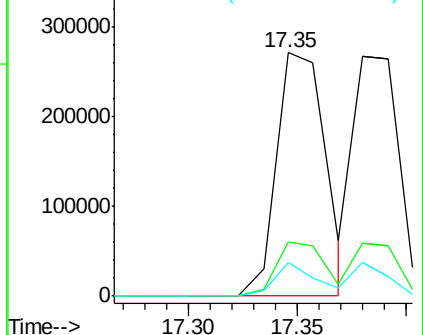
125 13.6 9.9 14.9

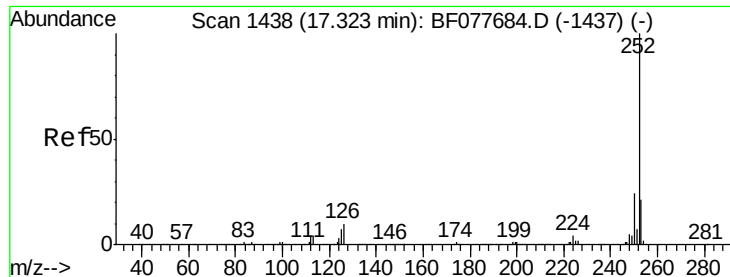


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 36.18 ng

RT: 17.38 min Scan# 1443

Delta R.T. 0.05 min

Lab File: BF077769.D

Acq: 17 Mar 2015 13:42

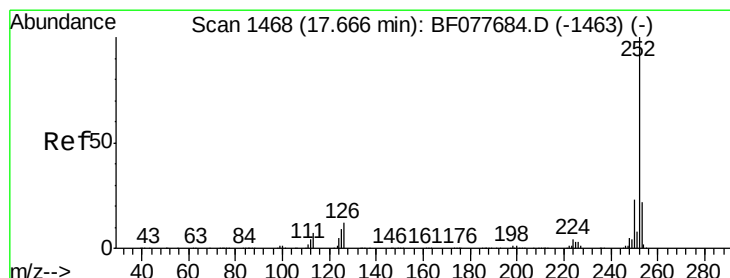
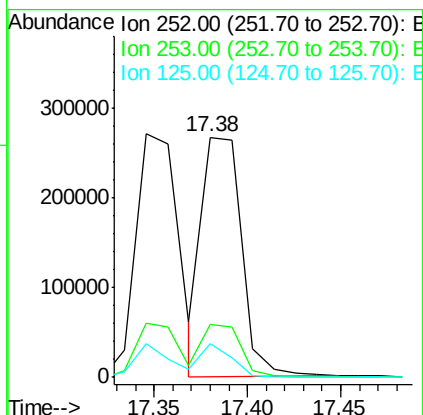
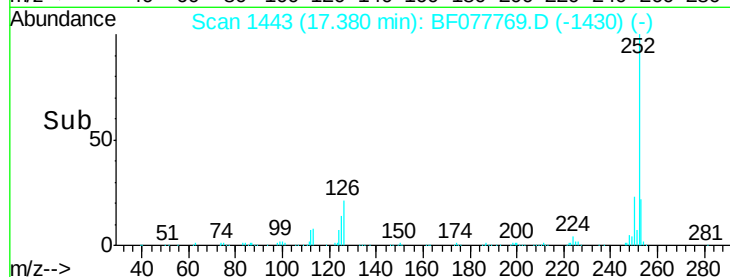
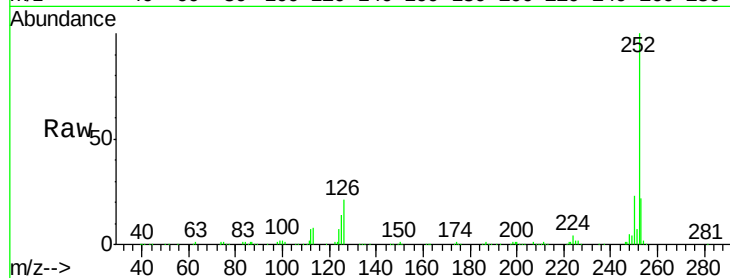
Instrument :

BNA_F

ClientSampleId :

PB82120BS

Tgt Ion:	252	Resp:	392100
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	13.8	8.1	12.1#



#89

Benzo(a)pyrene

Concen: 34.87 ng

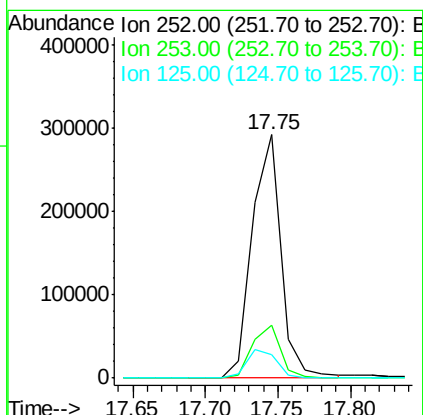
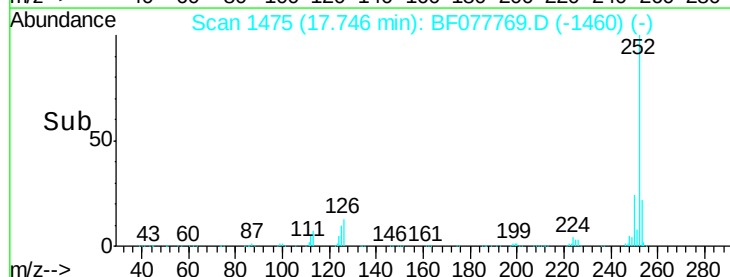
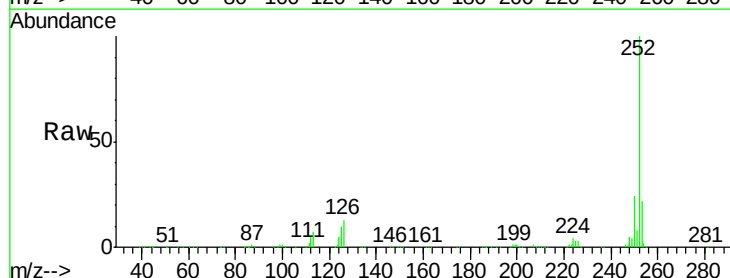
RT: 17.75 min Scan# 1475

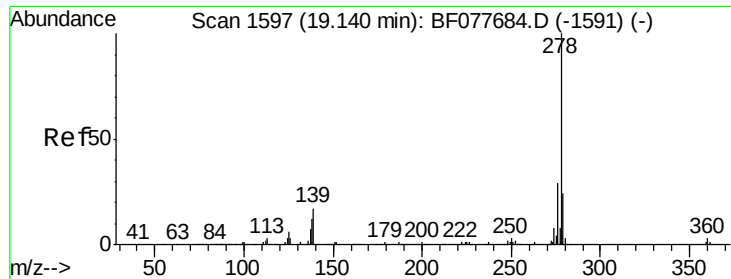
Delta R.T. 0.07 min

Lab File: BF077769.D

Acq: 17 Mar 2015 13:42

Tgt Ion:	252	Resp:	403687
Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	9.8	7.4	11.2





#90

Dibenzo(a,h)anthracene

Concen: 32.32 ng

RT: 19.24 min Scan# 1606

Delta R.T. 0.08 min

Lab File: BF077769.D

Acq: 17 Mar 2015 13:42

Instrument :

BNA_F

ClientSampleId :

PB82120BS

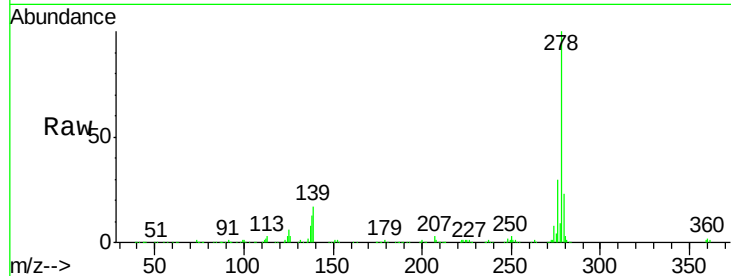
Tgt Ion:278 Resp: 371073

Ion Ratio Lower Upper

278 100

139 17.1 13.4 20.0

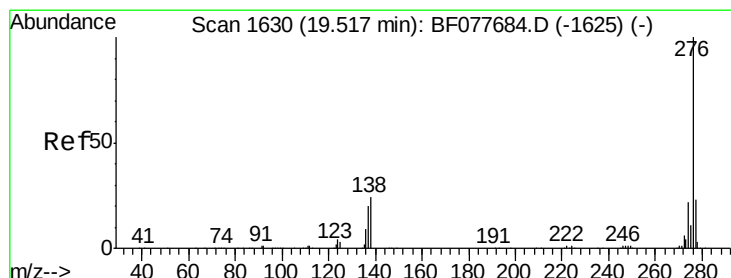
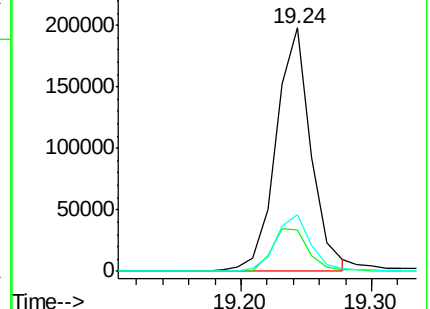
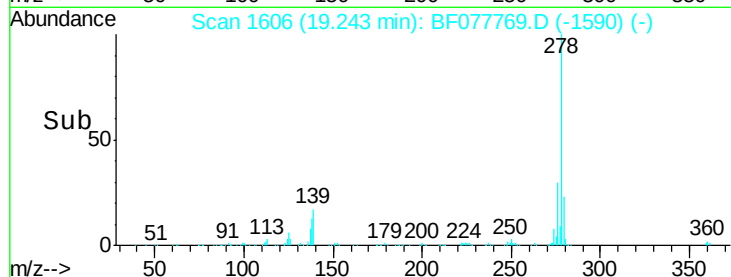
279 23.1 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 32.74 ng

RT: 19.62 min Scan# 1639

Delta R.T. 0.07 min

Lab File: BF077769.D

Acq: 17 Mar 2015 13:42

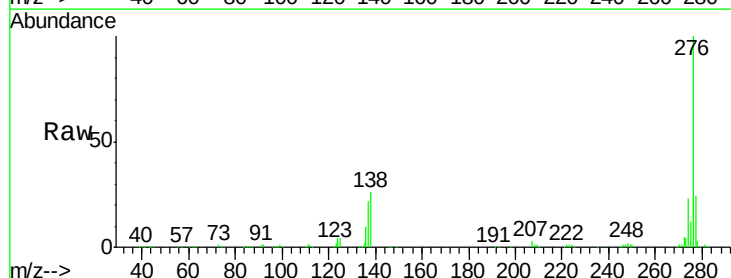
Tgt Ion:276 Resp: 382705

Ion Ratio Lower Upper

276 100

277 24.0 18.5 27.7

138 25.5 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

