

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012015\
 Data File : BG015897.D
 Acq On : 20 Jan 2015 18:43
 Operator : TP/IZ
 Sample : PB81414BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB81414BS

Quant Time: Jan 21 12:48:52 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 20 17:47:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	80204	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	325721	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	290830	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	802736	20.00	ng	0.00
75) Chrysene-d12	21.26	240	1235181	20.00	ng	0.00
86) Perylene-d12	23.52	264	1180083	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	695320	129.10	ng	0.00
7) Phenol-d6	6.87	99	1111083	128.02	ng	0.00
23) Nitrobenzene-d5	8.85	82	932655	82.54	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	681320	127.97	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1566513	84.51	ng	0.00
78) Terphenyl-d14	19.71	244	3527389	79.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.20	88	101542	36.61	ng	94
3) Pyridine	3.58	79	297566	31.82	ng	96
4) n-Nitrosodimethylamine	3.51	42	116670	32.30	ng	84
6) Aniline	7.02	93	278324	22.27	ng	94
8) 2-Chlorophenol	7.26	128	191194	37.00	ng	92
9) Benzaldehyde	6.83	77	92036	11.64	ng	90
10) Phenol	6.90	94	390087	39.43	ng	98
11) bis(2-Chloroethyl)ether	7.12	93	275720	36.07	ng	91
12) 1,3-Dichlorobenzene	7.57	146	224506	36.71	ng	94
13) 1,4-Dichlorobenzene	7.72	146	216934	34.35	ng	94
14) 1,2-Dichlorobenzene	8.04	146	212760	34.38	ng	95
15) Benzyl Alcohol	7.93	79	369735	38.94	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.23	45	226146	36.60	ng	91
17) 2-Methylphenol	8.14	107	222874	36.37	ng	94
18) Hexachloroethane	8.75	117	121200	37.33	ng	95
19) n-Nitroso-di-n-propylamine	8.50	70	310665	35.88	ng	# 97
20) 3+4-Methylphenols	8.47	107	311214	38.74	ng	97
22) Acetophenone	8.51	105	381681	34.97	ng	# 96
24) Nitrobenzene	8.89	77	465126	39.13	ng	99
25) Isophorone	9.41	82	753403	37.71	ng	95
26) 2-Nitrophenol	9.59	139	113939	38.71	ng	86
27) 2,4-Dimethylphenol	9.66	122	213587	37.92	ng	# 96
28) bis(2-Chloroethoxy)methane	9.89	93	370871	38.34	ng	# 90
29) 2,4-Dichlorophenol	10.13	162	223228	37.95	ng	88
30) 1,2,4-Trichlorobenzene	10.34	180	258896	36.30	ng	96
31) Naphthalene	10.52	128	625404	37.52	ng	95
32) Benzoic acid	9.79	122	70363	42.35	ng	# 70
33) 4-Chloroaniline	10.64	127	124600	16.03	ng	# 94
34) Hexachlorobutadiene	10.81	225	248790	35.66	ng	97
35) Caprolactam	11.40	113	112129m	38.80	ng	
36) 4-Chloro-3-methylphenol	11.78	107	337905	39.06	ng	95
37) 2-Methylnaphthalene	12.14	142	475253	35.90	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.51	216	401002	36.16	ng	97
40) Hexachlorocyclopentadiene	12.49	237	643776	77.03	ng	88

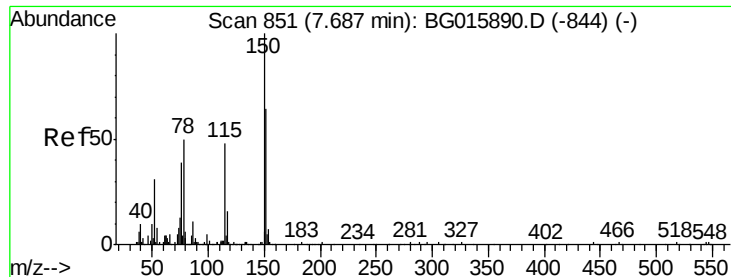
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012015\
 Data File : BG015897.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.76	196	251957	38.78	ng	96
43) 2,4,5-Trichlorophenol	12.84	196	285270	38.84	ng	98
45) 1,1'-Biphenyl	13.16	154	687006	37.43	ng	98
46) 2-Chloronaphthalene	13.20	162	579245	37.37	ng	# 87
47) 2-Nitroaniline	13.41	65	313803	39.68	ng	94
48) Acenaphthylene	14.05	152	925801	39.33	ng	# 95
49) Dimethylphthalate	13.80	163	791666	37.83	ng	98
50) 2,6-Dinitrotoluene	13.92	165	182628	38.65	ng	# 79
51) Acenaphthene	14.39	154	548993	37.12	ng	98
52) 3-Nitroaniline	14.25	138	105401	23.72	ng	97
53) 2,4-Dinitrophenol	14.46	184	246424	71.48	ng	# 85
54) Dibenzofuran	14.73	168	922626	37.81	ng	97
55) 4-Nitrophenol	14.57	139	271576	88.80	ng	94
56) 2,4-Dinitrotoluene	14.71	165	267987	38.77	ng	# 95
57) Fluorene	15.38	166	854372	38.82	ng	92
58) 2,3,4,6-Tetrachlorophenol	14.96	232	323244	39.75	ng	99
59) Diethylphthalate	15.16	149	861937	40.34	ng	98
60) 4-Chlorophenyl-phenylether	15.38	204	542580	37.06	ng	96
61) 4-Nitroaniline	15.41	138	198971	42.20	ng	# 82
62) Azobenzene	15.67	77	1354380	39.15	ng	96
64) 4,6-Dinitro-2-methylphenol	15.47	198	224470	38.75	ng	88
65) n-Nitrosodiphenylamine	15.60	169	815692	35.62	ng	96
66) 4-Bromophenyl-phenylether	16.28	248	421238	35.94	ng	99
67) Hexachlorobenzene	16.39	284	468624	36.98	ng	98
68) Atrazine	16.55	200	407131	36.93	ng	97
69) Pentachlorophenol	16.73	266	486325	71.69	ng	97
70) Phenanthrene	17.12	178	1485951	36.90	ng	97
71) Anthracene	17.22	178	1517050	38.39	ng	98
72) Carbazole	17.49	167	1385522	39.77	ng	98
73) Di-n-butylphthalate	18.05	149	1632831	40.72	ng	99
74) Fluoranthene	19.14	202	2197949	40.87	ng	97
76) Benzidine	19.33	184	693591	23.83	ng	96
77) Pyrene	19.51	202	2273943	38.74	ng	99
79) Butylbenzylphthalate	20.41	149	849788	39.49	ng	97
80) Benzo(a)anthracene	21.25	228	2475049	37.96	ng	99
81) 3,3'-Dichlorobenzidine	21.19	252	579646	21.00	ng	96
82) Chrysene	21.30	228	2364520	38.29	ng	99
83) Bis(2-ethylhexyl)phthalate	21.18	149	1132585	39.14	ng	99
84) Di-n-octyl phthalate	22.06	149	1818890	40.63	ng	99
85) Indeno(1,2,3-cd)pyrene	25.82	276	2872928	39.67	ng	99
87) Benzo(b)fluoranthene	22.84	252	2643145	39.24	ng	# 98
88) Benzo(k)fluoranthene	22.88	252	2482680	38.08	ng	99
89) Benzo(a)pyrene	23.42	252	2502455	38.61	ng	97
90) Dibenzo(a,h)anthracene	25.82	278	2435768	39.59	ng	# 97
91) Benzo(g,h,i)perylene	26.52	276	2367090	39.43	ng	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.69 min Scan# 850

Delta R.T. -0.00 min

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PB81414BS

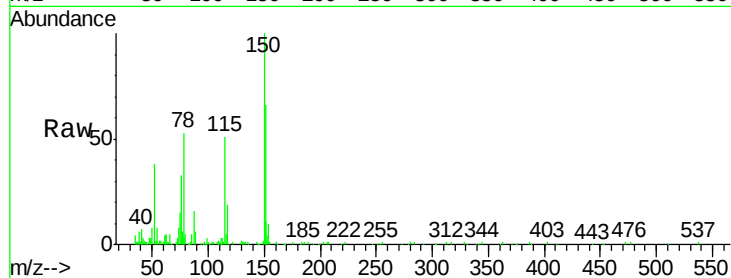
Tgt Ion:152 Resp: 80204

Ion Ratio Lower Upper

152 100

150 152.4 124.5 186.7

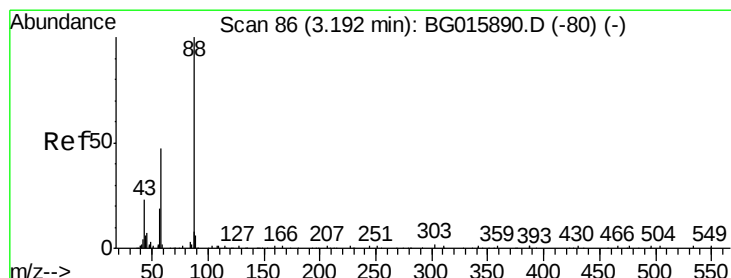
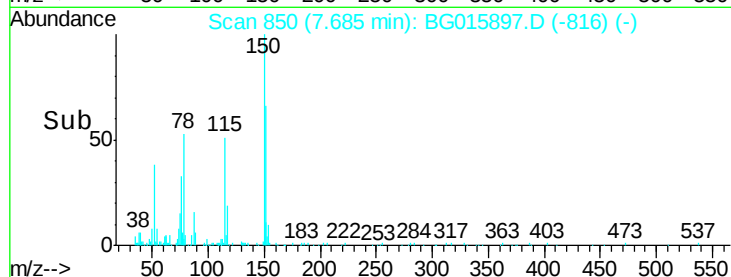
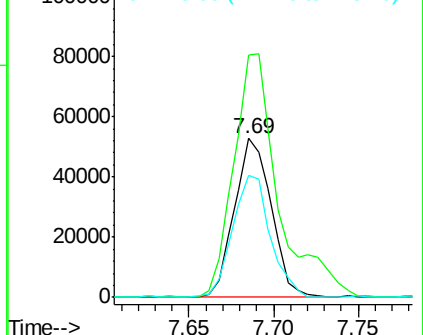
115 77.2 60.4 90.6



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: 36.61 ng

RT: 3.20 min Scan# 86

Delta R.T. 0.00 min

Lab File: BG015897.D

Acq: 20 Jan 2015 18:43

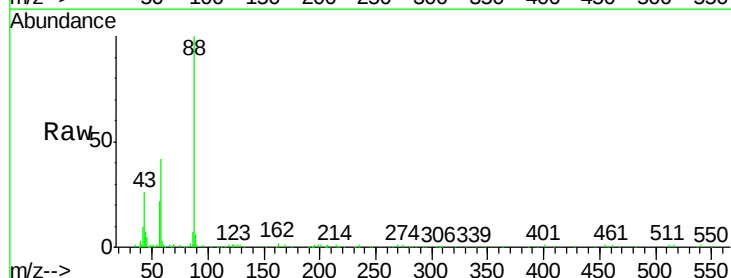
Tgt Ion: 88 Resp: 101542

Ion Ratio Lower Upper

88 100

58 55.0 40.4 60.6

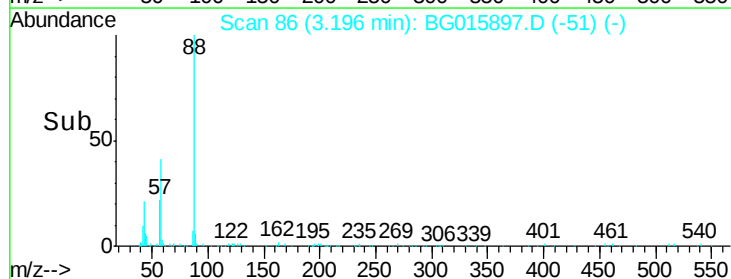
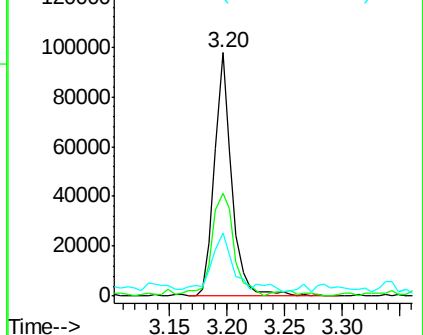
43 26.1 19.2 28.8

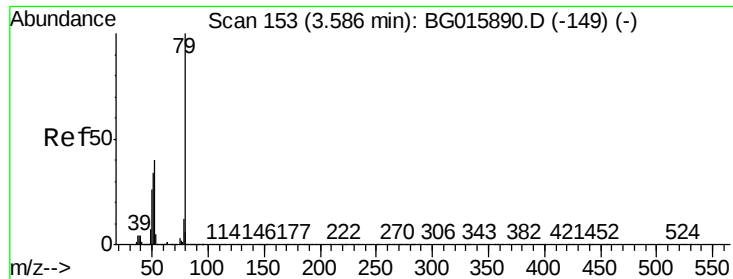


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 31.82 ng

RT: 3.58 min Scan# 152

Delta R.T. -0.00 min

Lab File: BG015897.D

Acq: 20 Jan 2015 18:43

Instrument :

BNA_G

ClientSampled :

PB81414BS

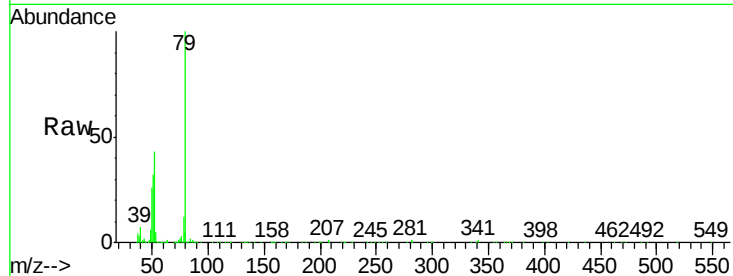
Tgt Ion: 79 Resp: 297566

Ion Ratio Lower Upper

79 100

52 42.6 31.8 47.6

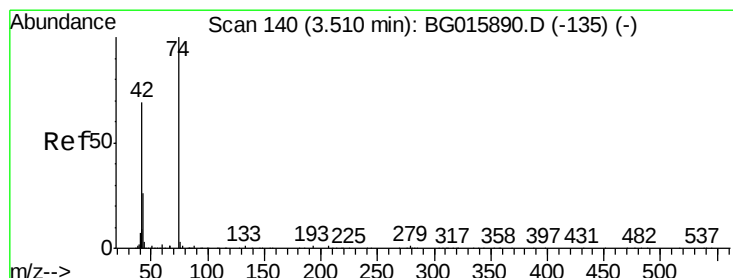
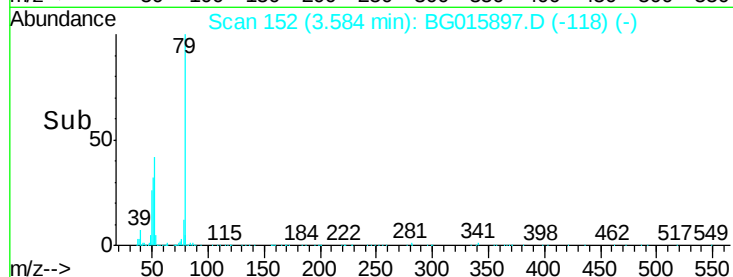
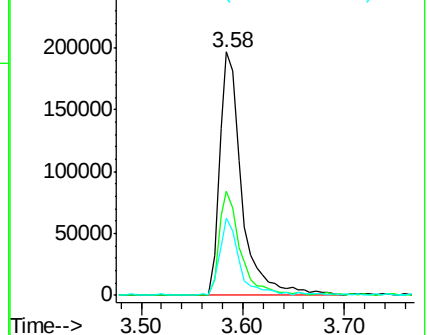
51 31.9 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 32.30 ng

RT: 3.51 min Scan# 139

Delta R.T. -0.00 min

Lab File: BG015897.D

Acq: 20 Jan 2015 18:43

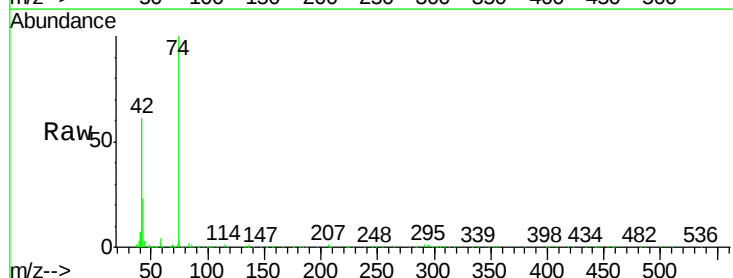
Tgt Ion: 42 Resp: 116670

Ion Ratio Lower Upper

42 100

74 165.2 116.0 174.0

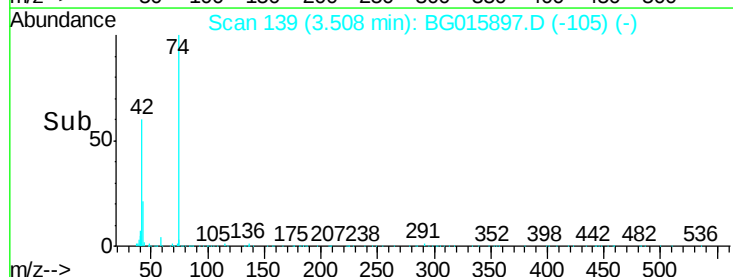
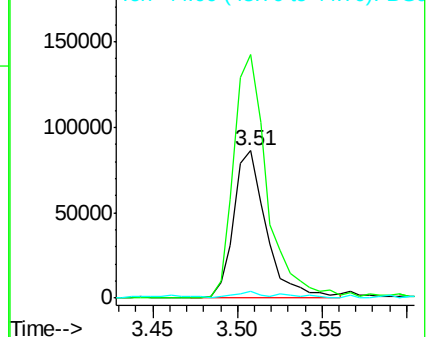
44 4.4 3.8 5.8

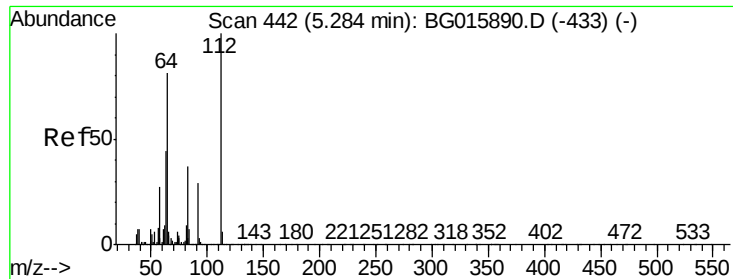


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 129.10 ng

RT: 5.28 min Scan# 441

Delta R.T. -0.00 min

Lab File: BG015897.D

Acq: 20 Jan 2015 18:43

Instrument :

BNA_G

ClientSampleId :

PB81414BS

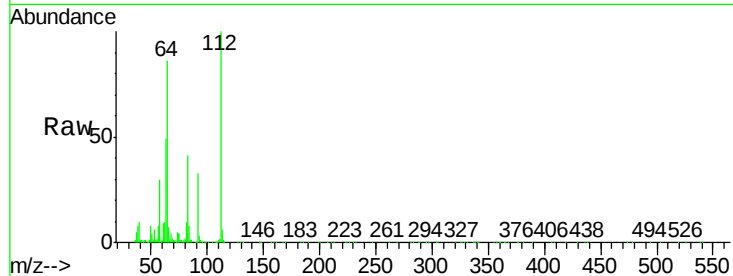
Tgt Ion: 112 Resp: 695320

Ion Ratio Lower Upper

112 100

64 86.3 64.4 96.6

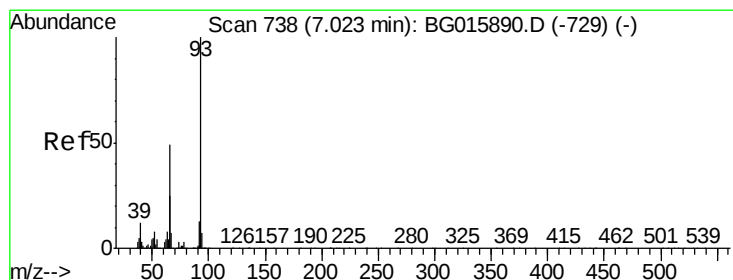
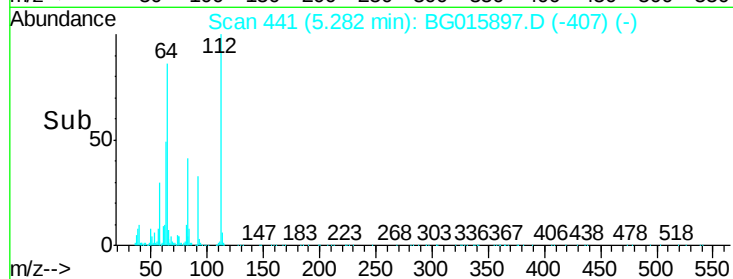
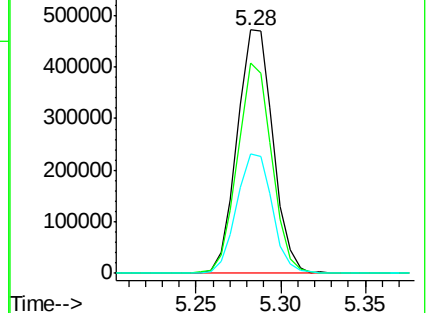
63 49.3 35.1 52.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 22.27 ng

RT: 7.02 min Scan# 737

Delta R.T. -0.00 min

Lab File: BG015897.D

Acq: 20 Jan 2015 18:43

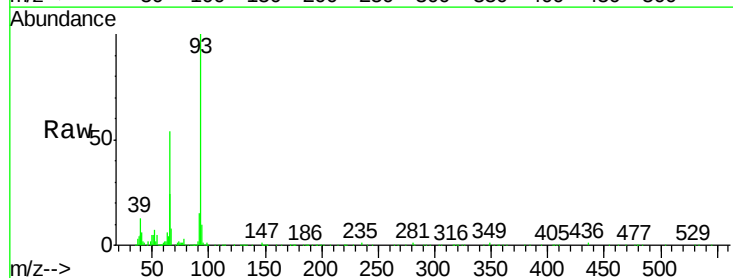
Tgt Ion: 93 Resp: 278324

Ion Ratio Lower Upper

93 100

66 54.0 39.0 58.6

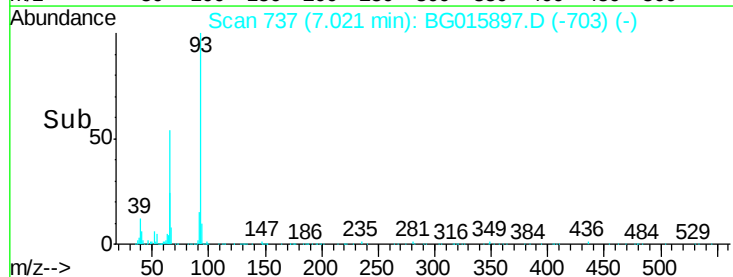
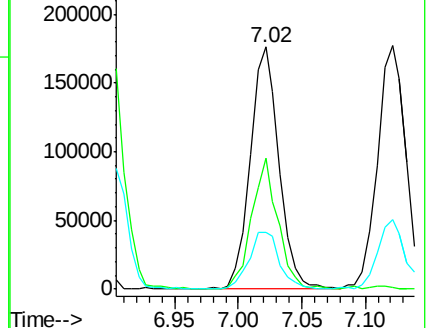
65 23.7 19.8 29.6

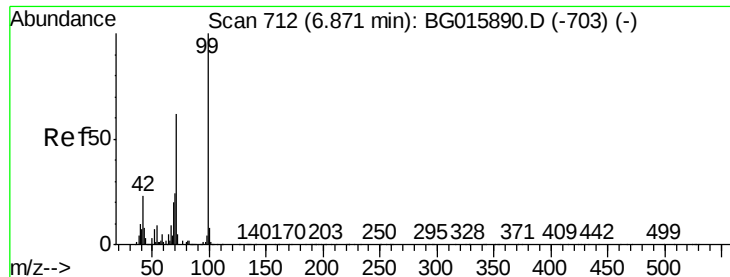


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 128.02 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG015897.D

Acq: 20 Jan 2015 18:43

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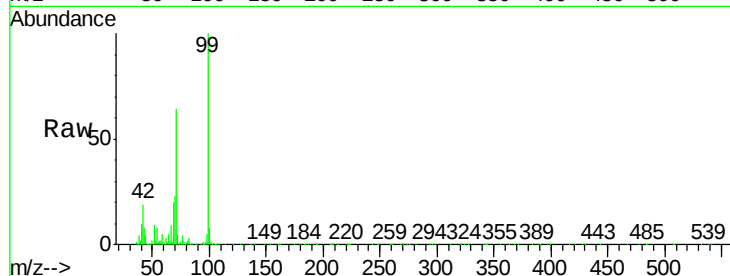
Tgt Ion: 99 Resp: 1111083

Ion Ratio Lower Upper

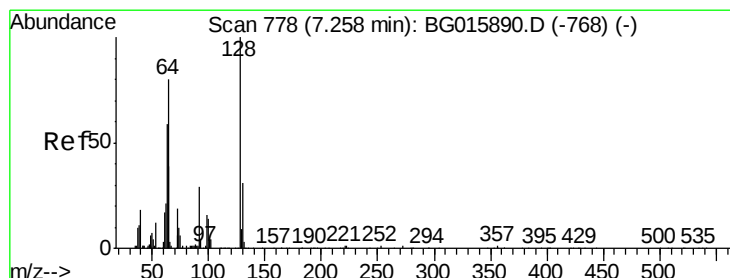
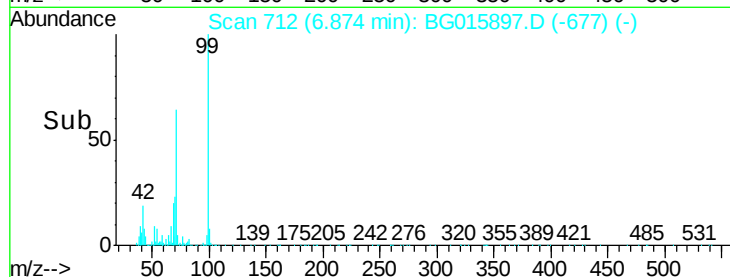
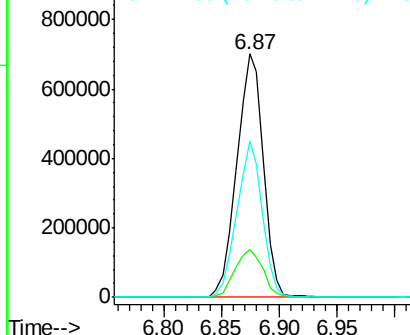
99 100

42 19.5 18.1 27.1

71 64.5 49.8 74.8



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



#8

2-Chlorophenol

Concen: 37.00 ng

RT: 7.26 min Scan# 777

Delta R.T. -0.00 min

Lab File: BG015897.D

Acq: 20 Jan 2015 18:43

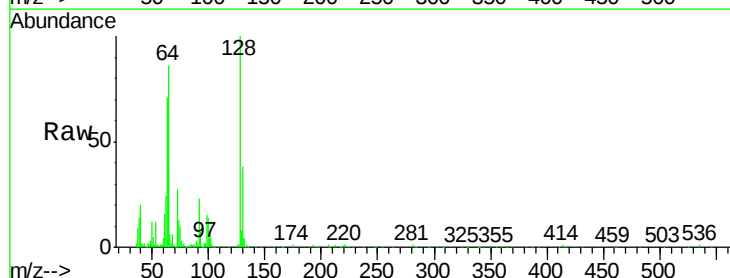
Tgt Ion: 128 Resp: 191194

Ion Ratio Lower Upper

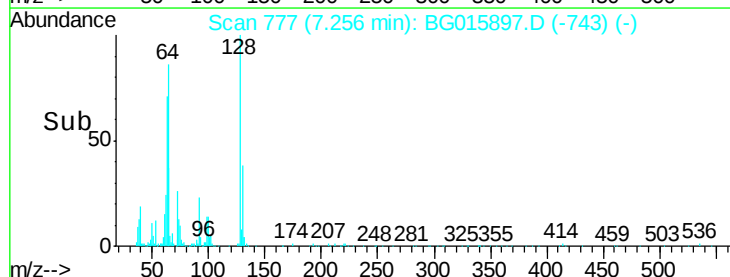
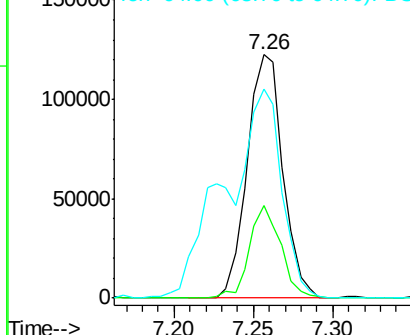
128 100

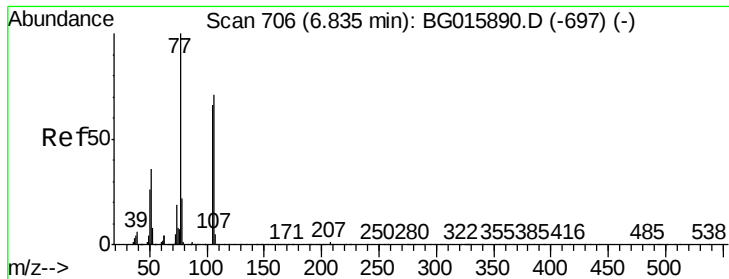
130 37.9 11.0 51.0

64 86.1 60.7 100.7



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





#9

Benzaldehyde

Concen: 11.64 ng

RT: 6.83 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG015897.D

Acq: 20 Jan 2015 18:43

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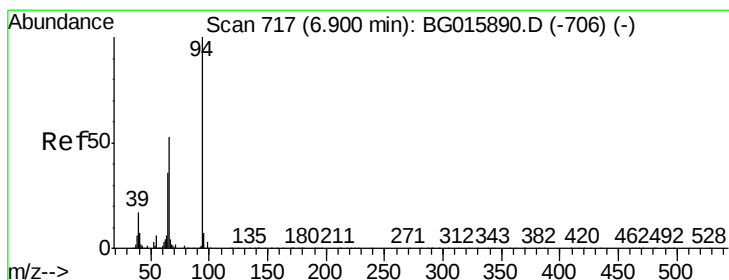
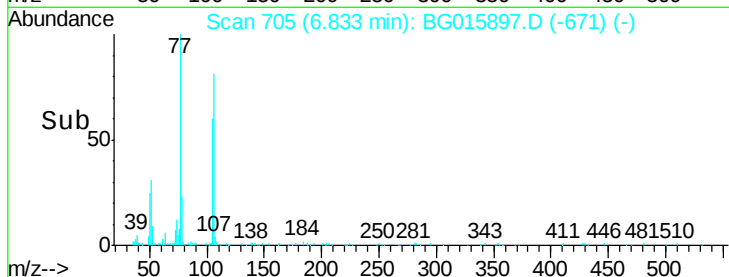
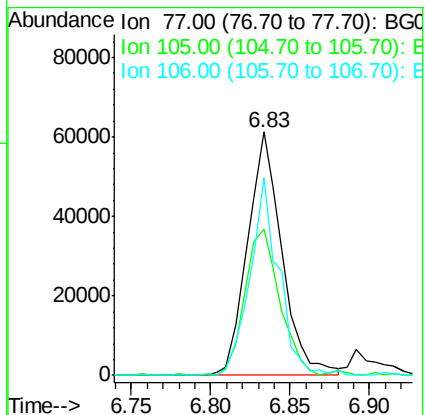
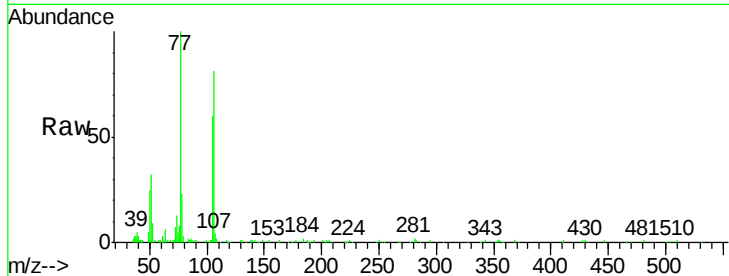
Tgt Ion: 77 Resp: 92036

Ion Ratio Lower Upper

77 100

105 60.2 46.0 86.0

106 81.3 51.1 91.1



#10

Phenol

Concen: 39.43 ng

RT: 6.90 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG015897.D

Acq: 20 Jan 2015 18:43

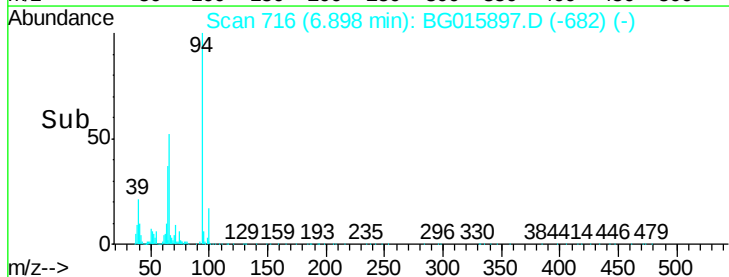
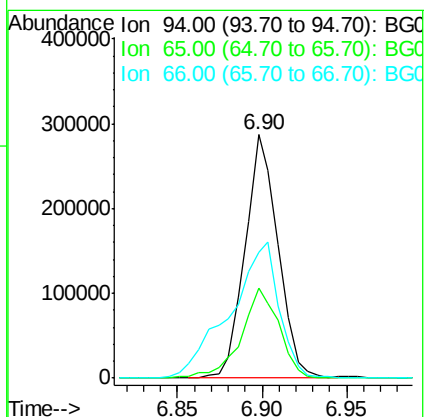
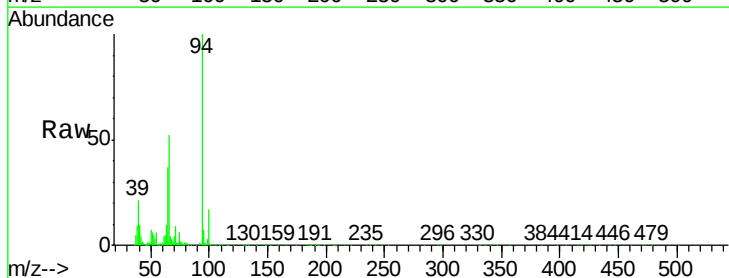
Tgt Ion: 94 Resp: 390087

Ion Ratio Lower Upper

94 100

65 36.9 16.5 56.5

66 51.8 33.3 73.3

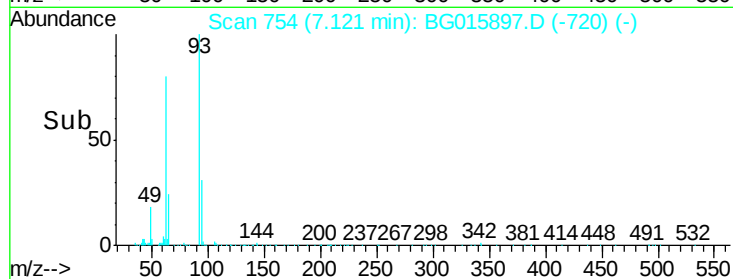
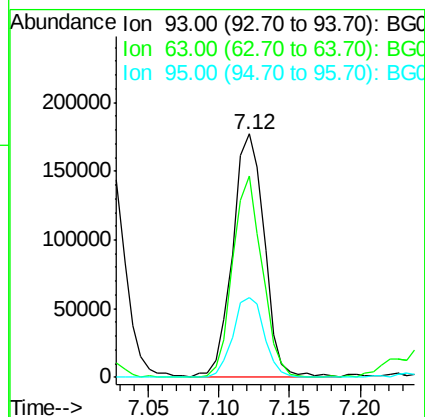
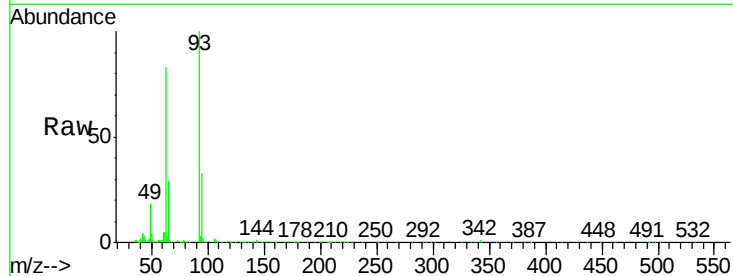




#11
bis(2-Chloroethyl)ether
Concen: 36.07 ng
RT: 7.12 min Scan# 754
Delta R.T. -0.00 min
Lab File: BG015897.D
Acq: 20 Jan 2015 18:43

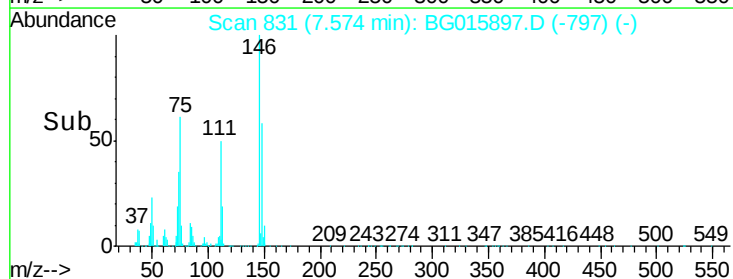
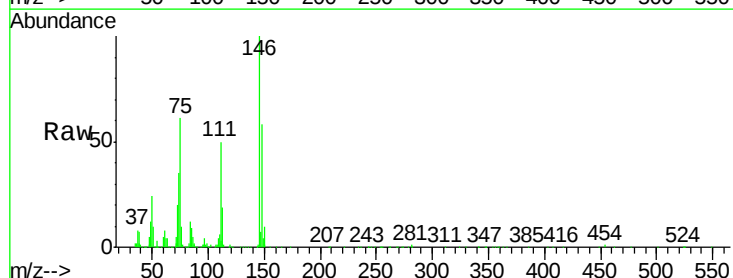
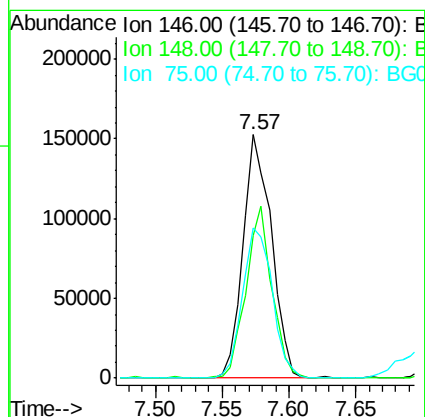
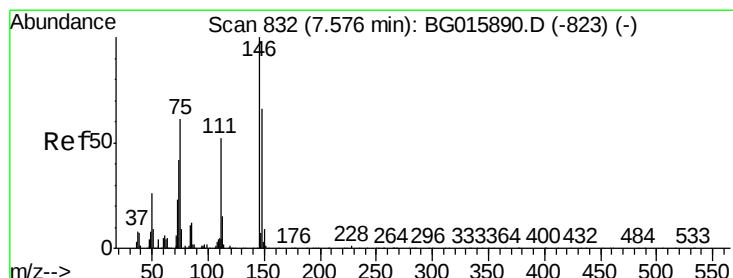
Instrument :
BNA_G
ClientSampleId :
PB81414BS

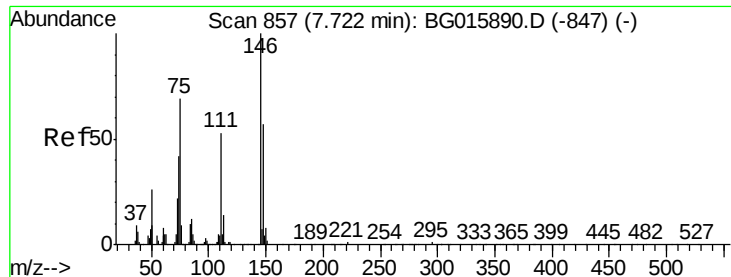
Tgt Ion:	93	Resp:	275720
Ion	Ratio	Lower	Upper
93	100		
63	83.0	51.7	91.7
95	32.5	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 36.71 ng
RT: 7.57 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG015897.D
Acq: 20 Jan 2015 18:43

Tgt Ion:	146	Resp:	224506
Ion	Ratio	Lower	Upper
146	100		
148	58.4	53.0	79.4
75	61.5	48.6	72.8





#13

1,4-Dichlorobenzene

Concen: 34.35 ng

RT: 7.72 min Scan# 856

Delta R.T. -0.00 min

Lab File: BG015897.D

Acq: 20 Jan 2015 18:43

Instrument :

BNA_G

ClientSampleId :

PB81414BS

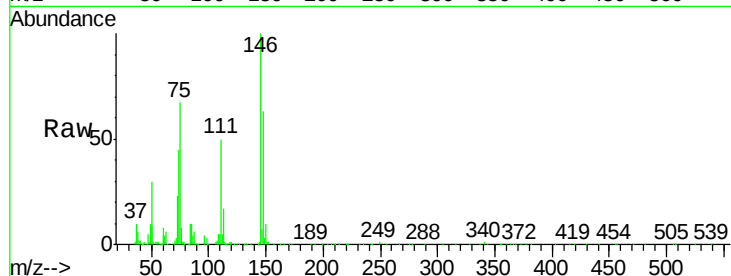
Tgt Ion:146 Resp: 216934

Ion Ratio Lower Upper

146 100

148 62.6 45.7 68.5

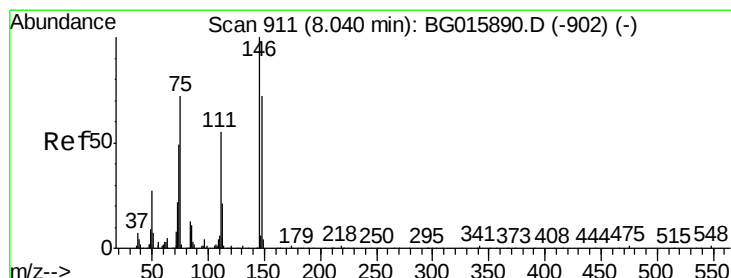
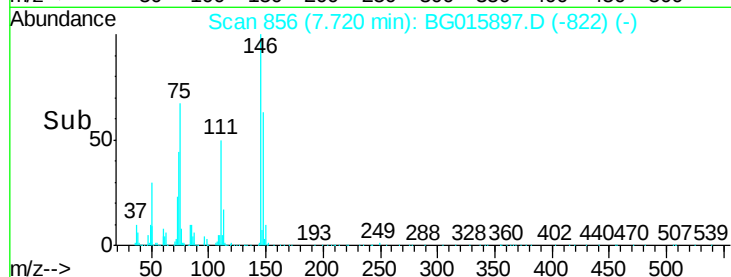
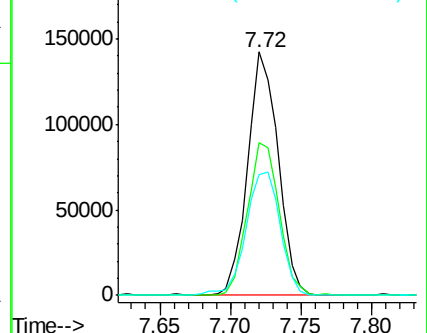
111 49.8 42.1 63.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 34.38 ng

RT: 8.04 min Scan# 910

Delta R.T. -0.00 min

Lab File: BG015897.D

Acq: 20 Jan 2015 18:43

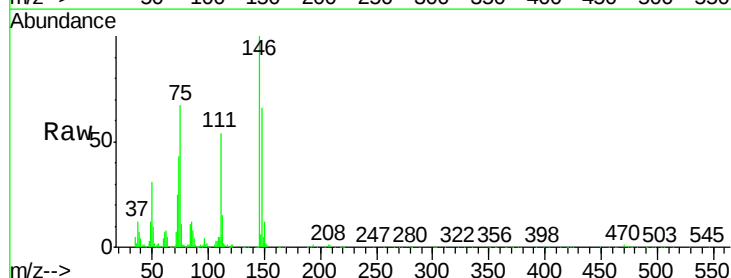
Tgt Ion:146 Resp: 212760

Ion Ratio Lower Upper

146 100

148 65.6 57.7 86.5

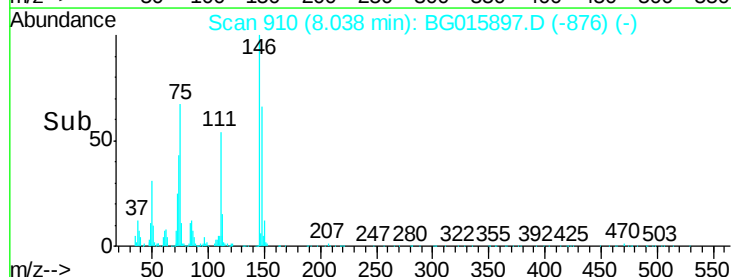
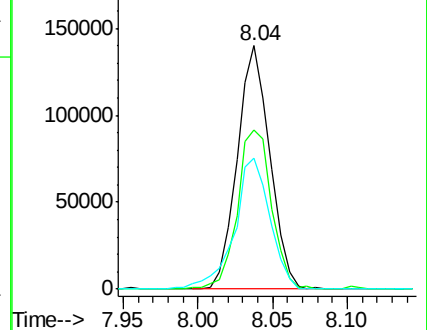
111 54.0 44.6 66.8

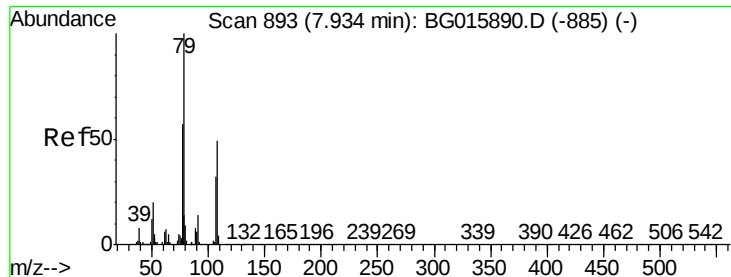


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.94 ng

RT: 7.93 min Scan# 892

Delta R.T. -0.00 min

Lab File: BG015897.D

Acq: 20 Jan 2015 18:43

Instrument :

BNA_G

ClientSampleId :

PB81414BS

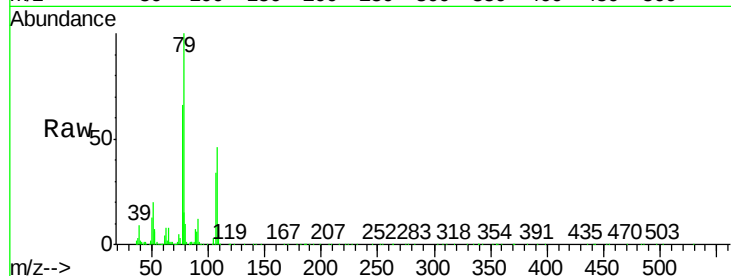
Tgt Ion: 79 Resp: 369735

Ion Ratio Lower Upper

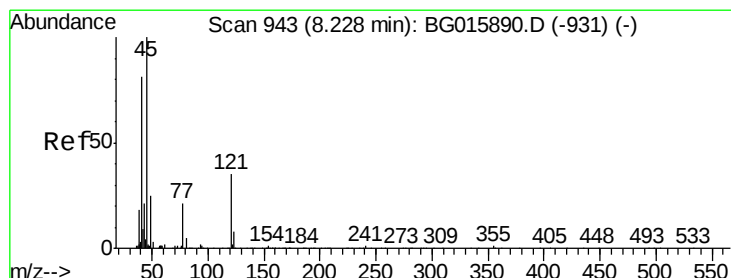
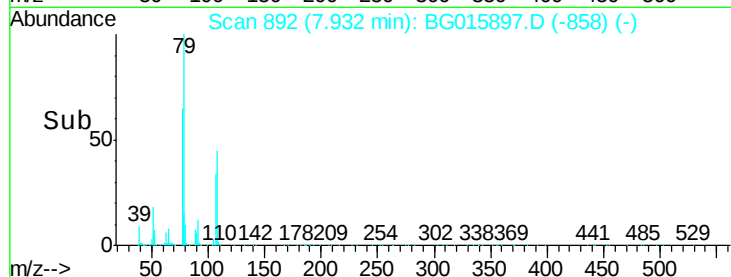
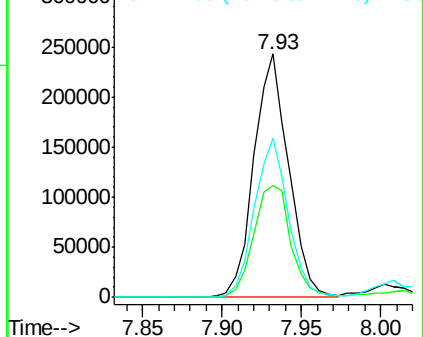
79 100

108 46.0 38.9 58.3

77 65.5 46.1 69.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.60 ng

RT: 8.23 min Scan# 942

Delta R.T. -0.00 min

Lab File: BG015897.D

Acq: 20 Jan 2015 18:43

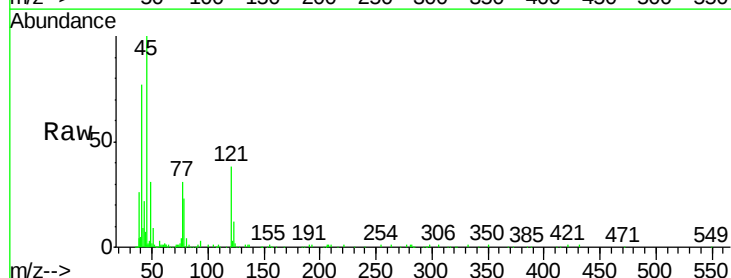
Tgt Ion: 45 Resp: 226146

Ion Ratio Lower Upper

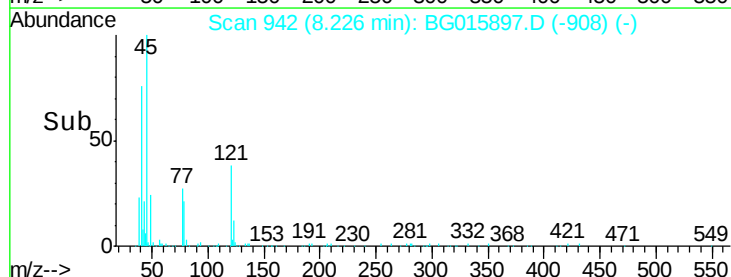
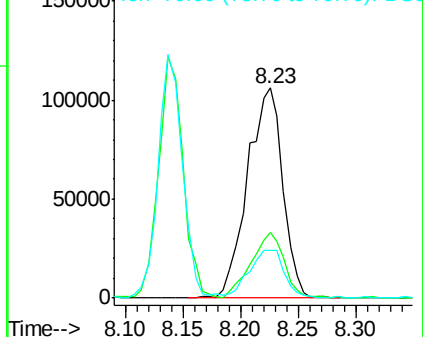
45 100

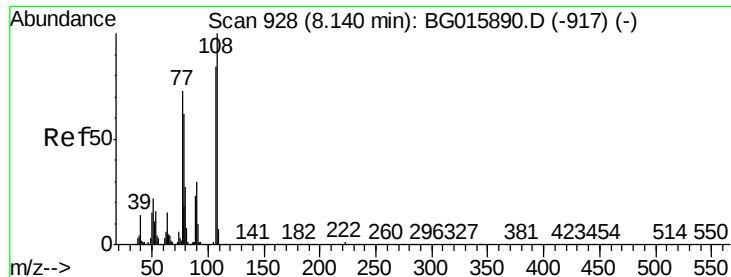
77 30.8 16.0 56.0

79 22.3 0.0 38.7



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

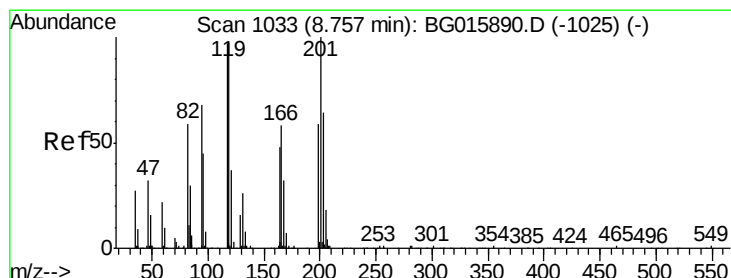
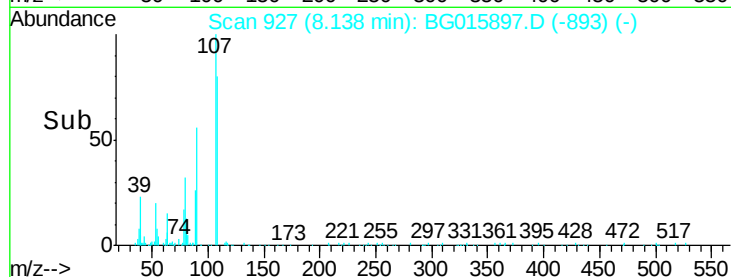
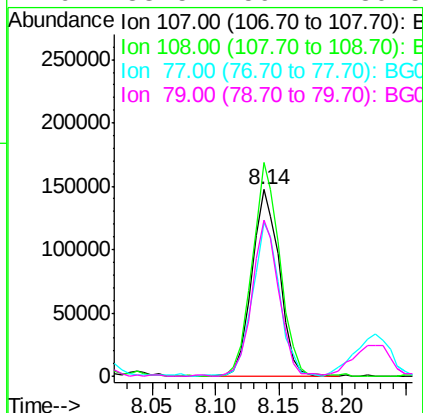
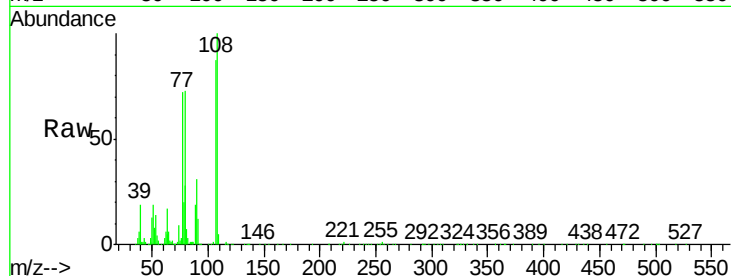




#17
2-Methylphenol
Concen: 36.37 ng
RT: 8.14 min Scan# 927
Delta R.T. -0.00 min
Lab File: BG015897.D
Acq: 20 Jan 2015 18:43

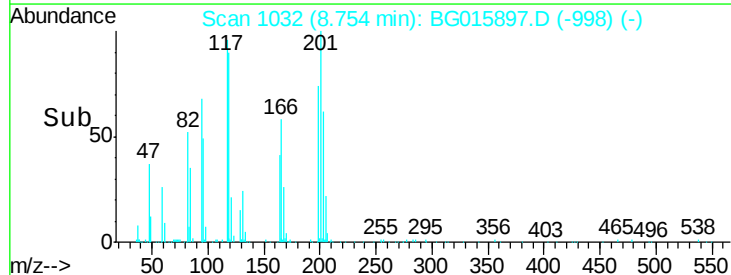
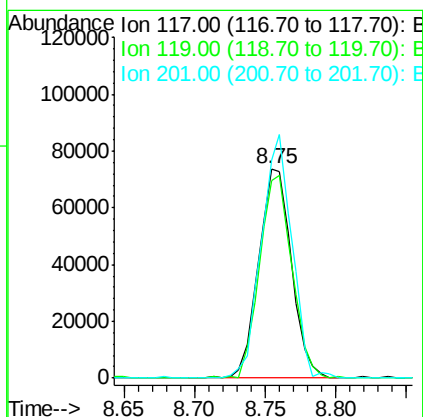
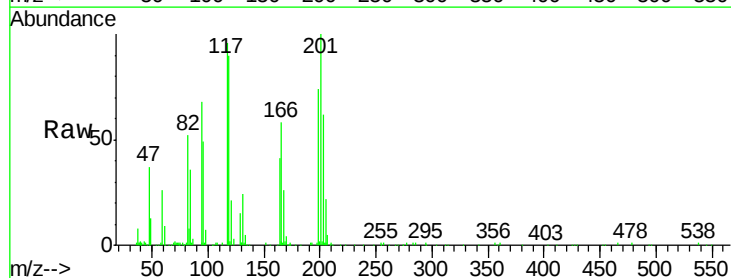
Instrument :
BNA_G
ClientSampleId :
PB81414BS

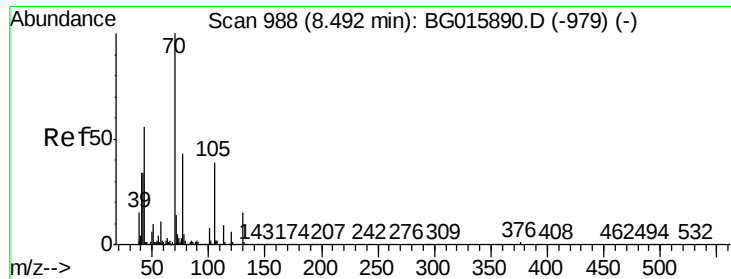
Tgt Ion:	107	Resp:	222874
Ion	Ratio	Lower	Upper
107	100		
108	114.6	95.1	142.7
77	82.5	69.2	103.8
79	83.5	59.7	89.5



#18
Hexachloroethane
Concen: 37.33 ng
RT: 8.75 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG015897.D
Acq: 20 Jan 2015 18:43

Tgt Ion:	117	Resp:	121200
Ion	Ratio	Lower	Upper
117	100		
119	94.2	80.2	120.2
201	106.8	82.6	124.0

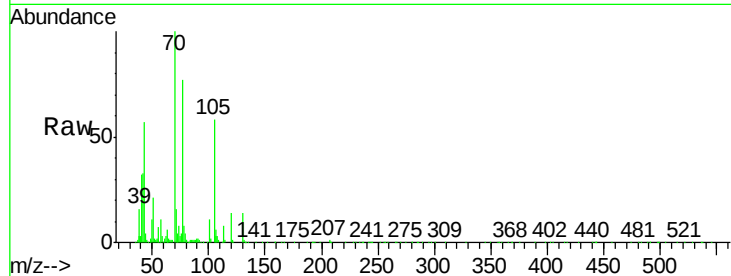




#19
n-Nitroso-di-n-propylamine
Concen: 35.88 ng
RT: 8.50 min Scan# 988
Delta R.T. 0.00 min
Lab File: BG015897.D
Acq: 20 Jan 2015 18:43

Instrument :
BNA_G
ClientSampleId :
PB81414BS

Tgt Ion:	70	Resp:	310665
Ion	Ratio	Lower	Upper
70	100		
42	32.9	26.8	40.2
101	10.9	6.3	9.5#
130	13.7	12.2	18.4



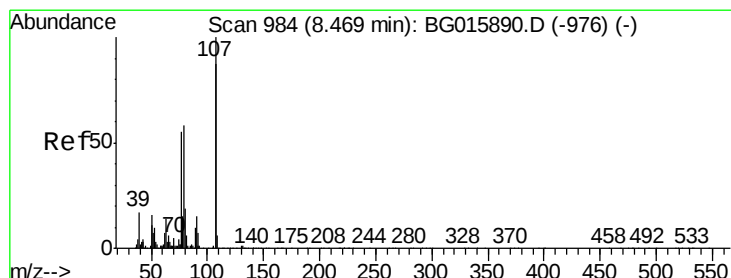
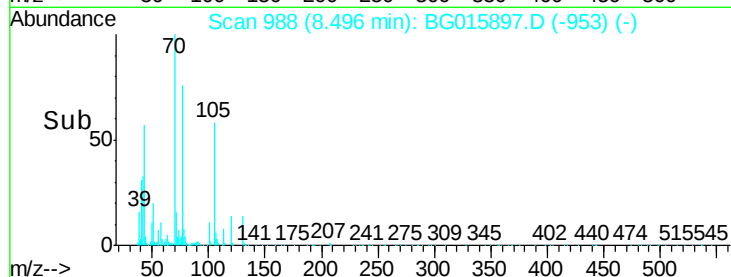
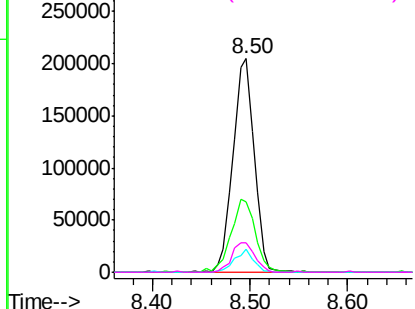
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

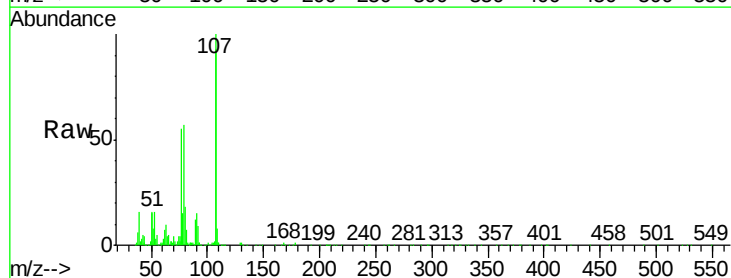
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 38.74 ng
RT: 8.47 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG015897.D
Acq: 20 Jan 2015 18:43

Tgt Ion:	107	Resp:	311214
Ion	Ratio	Lower	Upper
107	100		
108	93.3	66.9	106.9
77	55.0	34.8	74.8
79	57.0	38.0	78.0



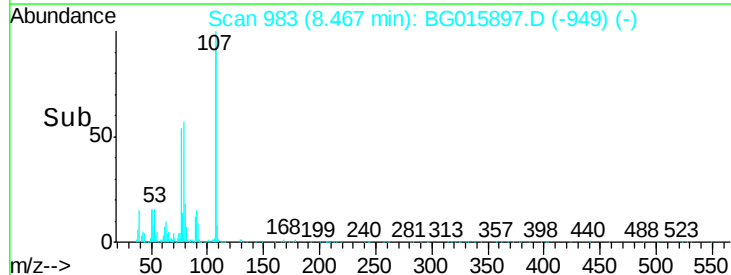
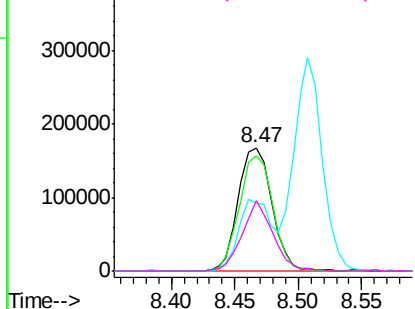
Abundance

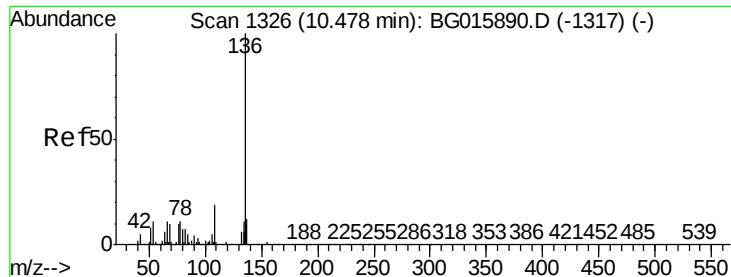
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

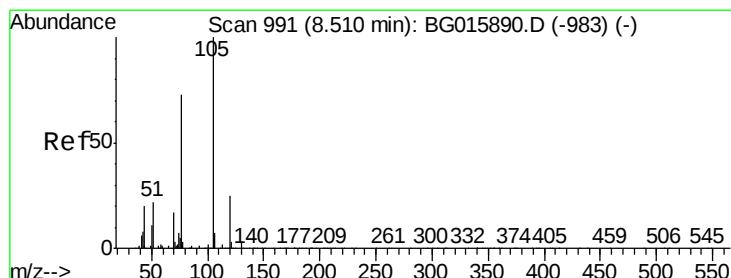
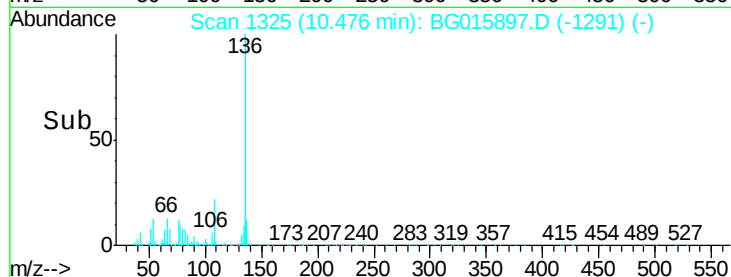
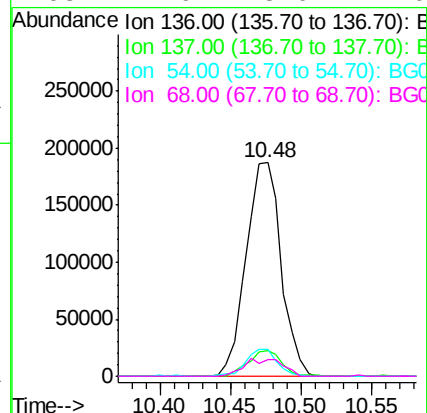
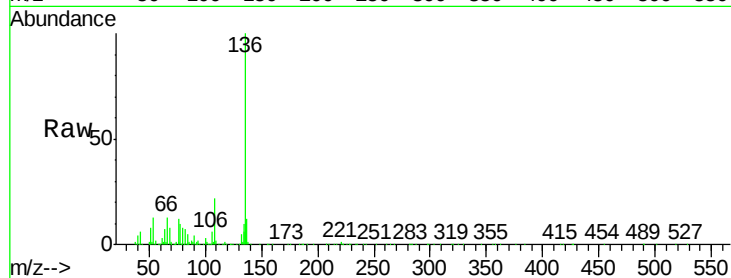




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.48 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG015897.D
Acq: 20 Jan 2015 18:43

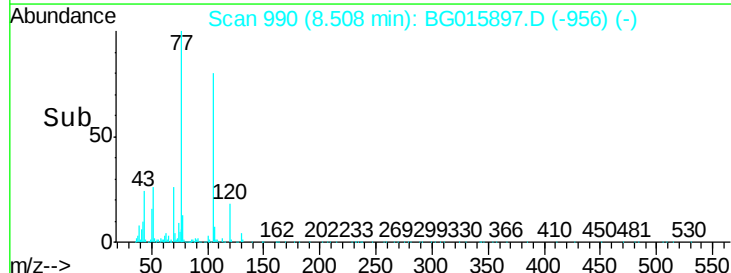
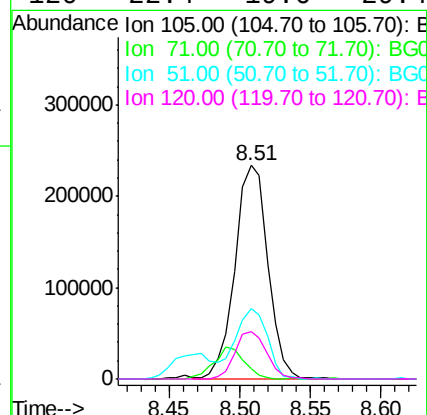
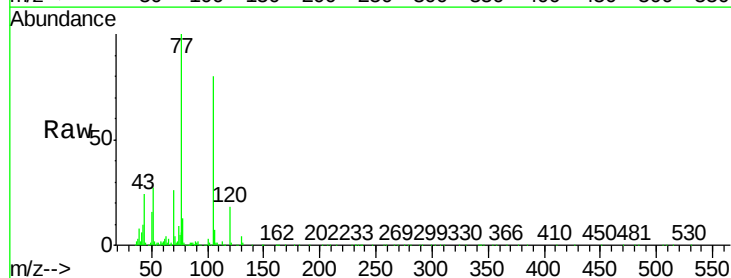
Instrument :
BNA_G
ClientSampleId :
PB81414BS

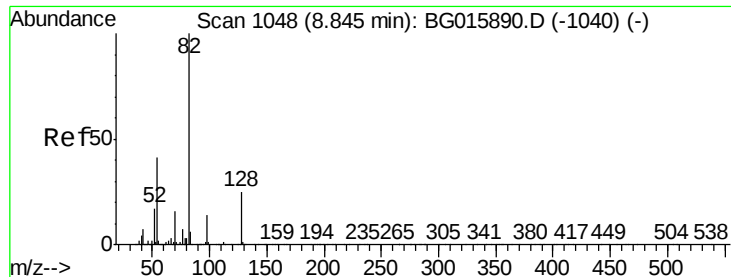
Tgt Ion:	136	Resp:	325721
Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.7	14.5
54	12.7	8.5	12.7
68	7.9	8.0	12.0#



#22
Acetophenone
Concen: 34.97 ng
RT: 8.51 min Scan# 990
Delta R.T. -0.00 min
Lab File: BG015897.D
Acq: 20 Jan 2015 18:43

Tgt Ion:	105	Resp:	381681
Ion	Ratio	Lower	Upper
105	100		
71	4.7	2.4	3.6#
51	33.0	24.6	36.8
120	22.4	19.6	29.4

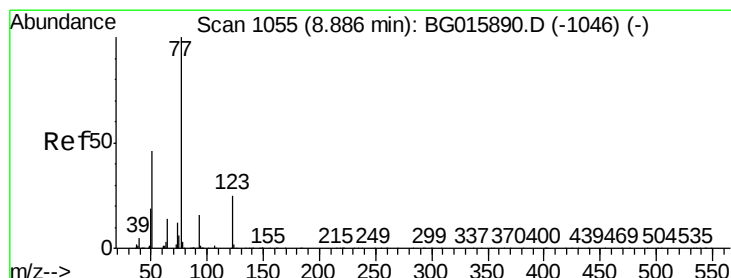
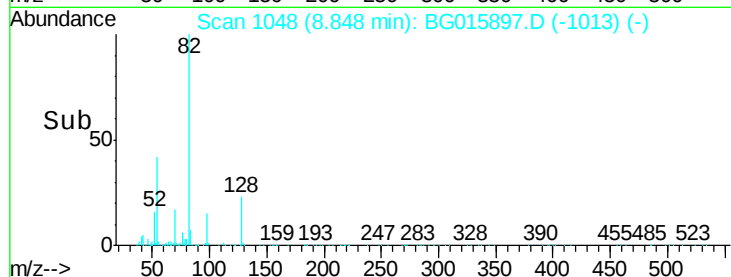
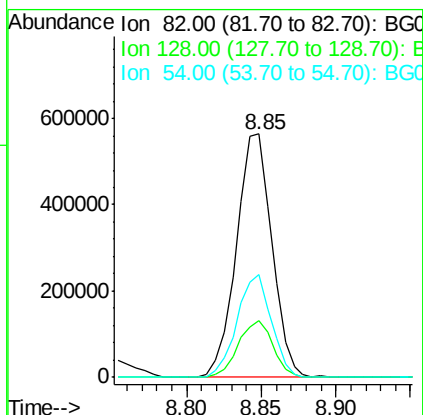
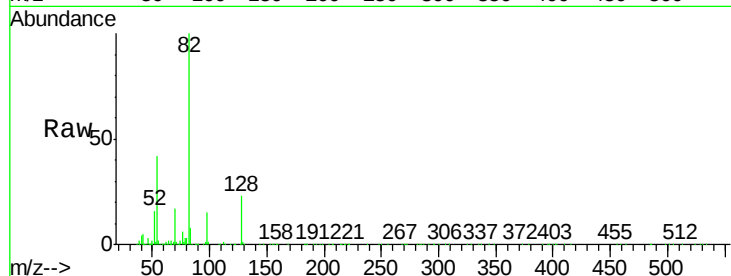




#23
 Nitrobenzene-d5
 Concen: 82.54 ng
 RT: 8.85 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BG015897.D
 Acq: 20 Jan 2015 18:43

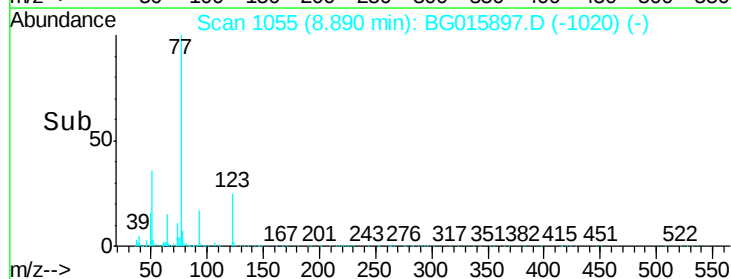
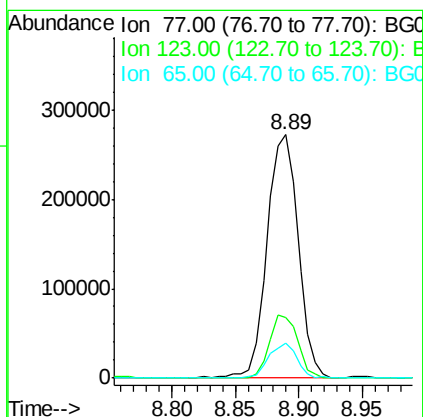
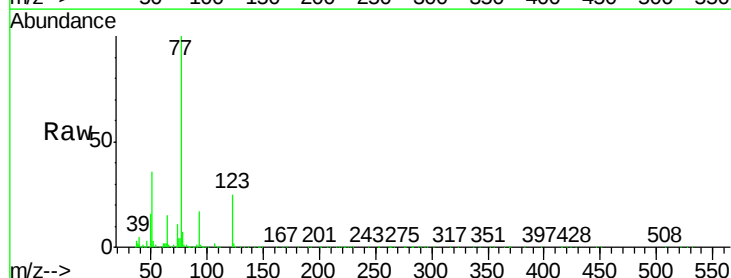
Instrument :
 BNA_G
 ClientSampleId :
 PB81414BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	23.4	19.8	29.8
54	42.1	33.0	49.4



#24
 Nitrobenzene
 Concen: 39.13 ng
 RT: 8.89 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: BG015897.D
 Acq: 20 Jan 2015 18:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	25.0	20.0	30.0
65	14.6	11.0	16.4

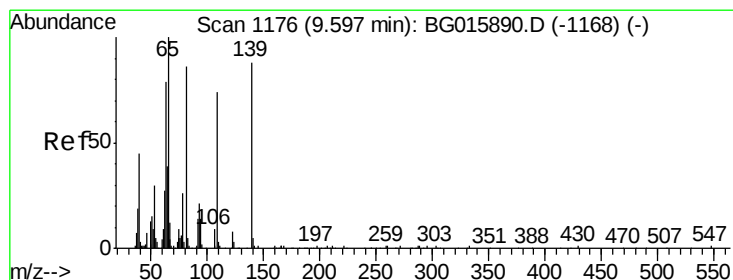
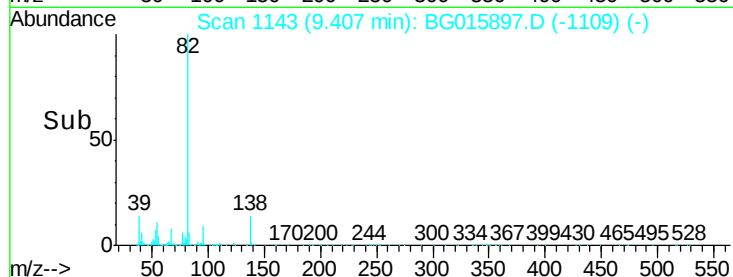
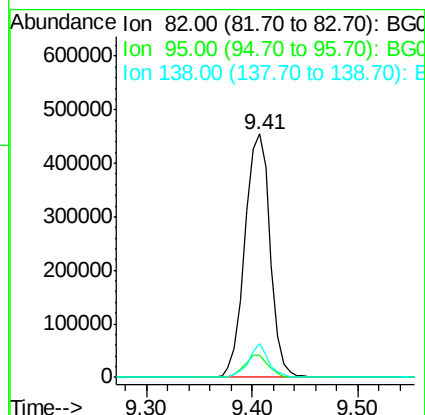
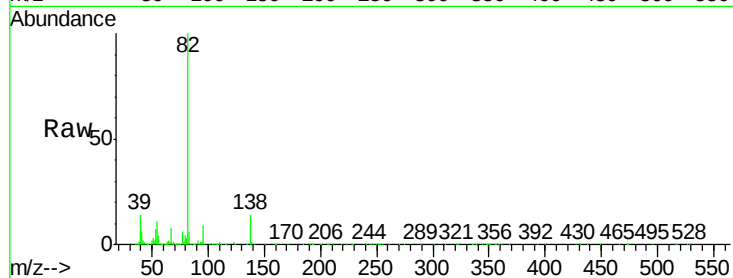




#25
Isophorone
Concen: 37.71 ng
RT: 9.41 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BG015897.D
Acq: 20 Jan 2015 18:43

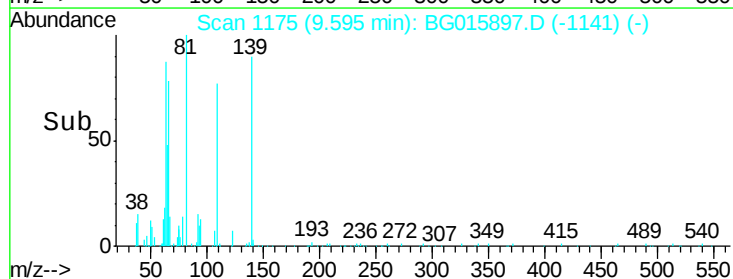
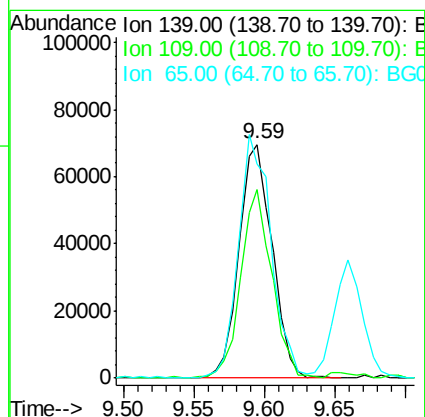
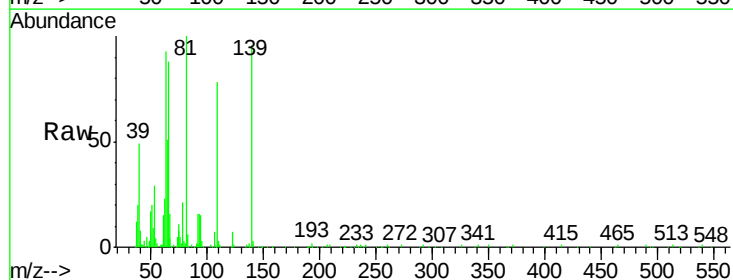
Instrument :
BNA_G
ClientSampleId :
PB81414BS

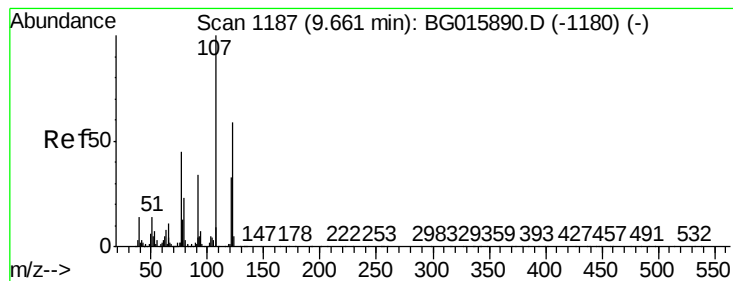
Tgt Ion: 82 Resp: 753403
Ion Ratio Lower Upper
82 100
95 8.8 8.1 12.1
138 13.6 9.1 13.7



#26
2-Nitrophenol
Concen: 38.71 ng
RT: 9.59 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BG015897.D
Acq: 20 Jan 2015 18:43

Tgt Ion: 139 Resp: 113939
Ion Ratio Lower Upper
139 100
109 80.9 67.2 100.8
65 91.4 91.3 136.9





#27

2,4-Dimethylphenol

Concen: 37.92 ng

RT: 9.66 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BG015897.D

Acq: 20 Jan 2015 18:43

Instrument :

BNA_G

ClientSampleId :

PB81414BS

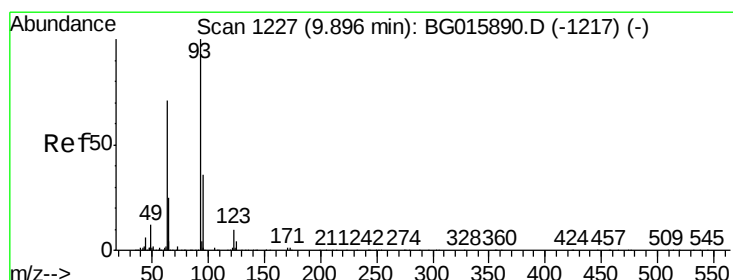
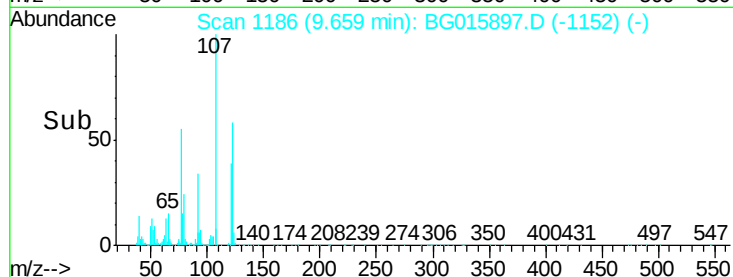
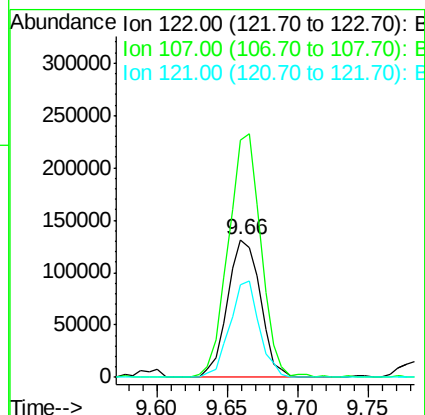
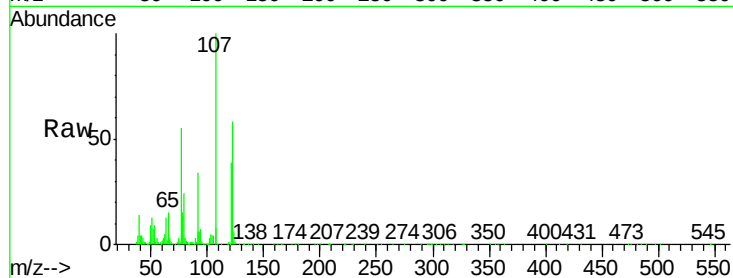
Tgt Ion:122 Resp: 213587

Ion Ratio Lower Upper

122 100

107 172.3 136.8 205.2

121 67.3 44.9 67.3#



#28

bis(2-Chloroethoxy)methane

Concen: 38.34 ng

RT: 9.89 min Scan# 1226

Delta R.T. -0.00 min

Lab File: BG015897.D

Acq: 20 Jan 2015 18:43

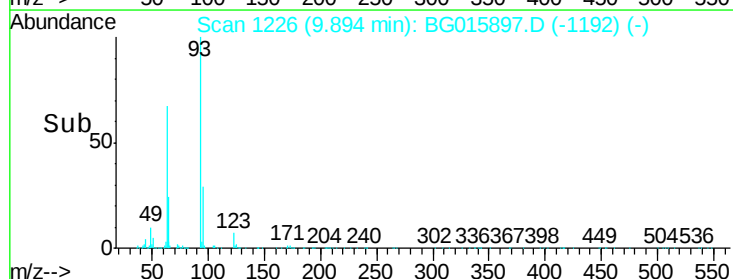
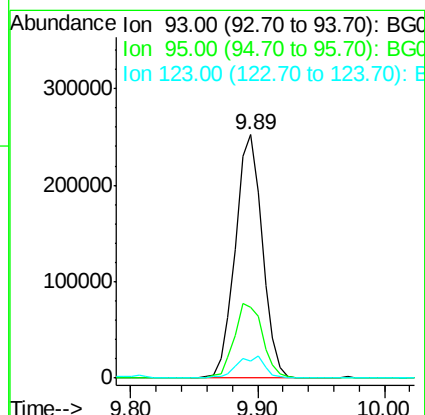
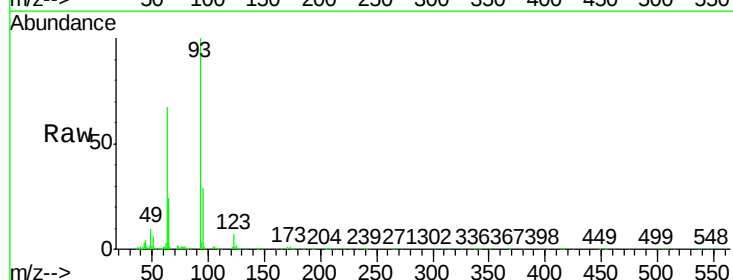
Tgt Ion: 93 Resp: 370871

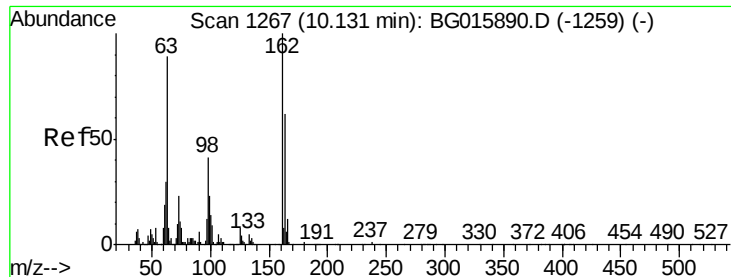
Ion Ratio Lower Upper

93 100

95 29.3 28.6 42.8

123 7.2 7.9 11.9#





#29

2,4-Dichlorophenol

Concen: 37.95 ng

RT: 10.13 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BG015897.D

Acq: 20 Jan 2015 18:43

Instrument :

BNA_G

ClientSampleId :

PB81414BS

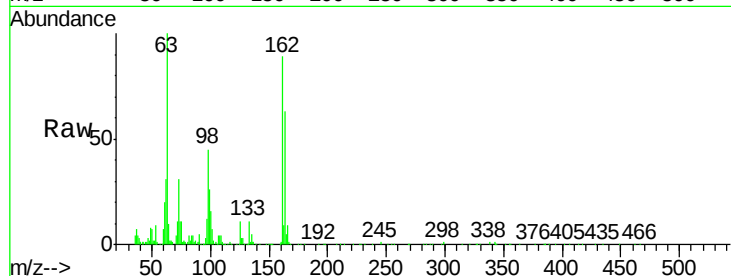
Tgt Ion:162 Resp: 223228

Ion Ratio Lower Upper

162 100

164 70.9 42.5 82.5

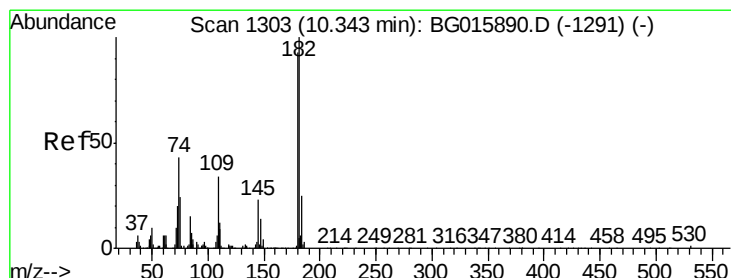
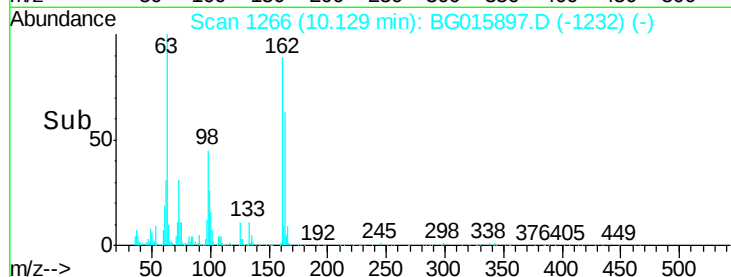
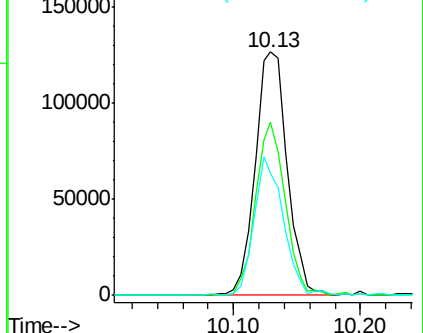
98 50.3 21.1 61.1



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): B



#30

1,2,4-Trichlorobenzene

Concen: 36.30 ng

RT: 10.34 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BG015897.D

Acq: 20 Jan 2015 18:43

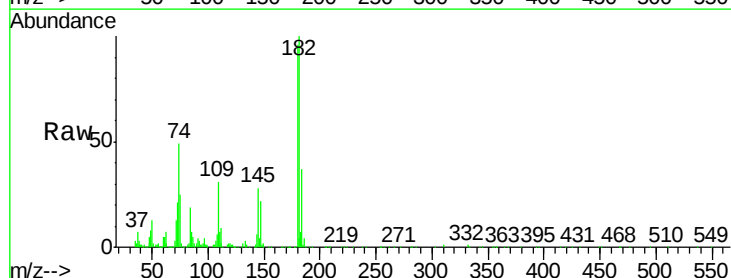
Tgt Ion:180 Resp: 258896

Ion Ratio Lower Upper

180 100

182 104.5 86.4 129.6

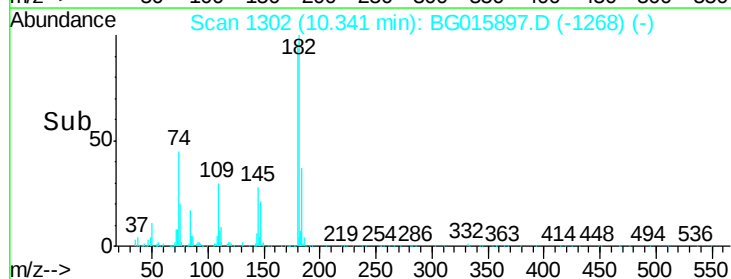
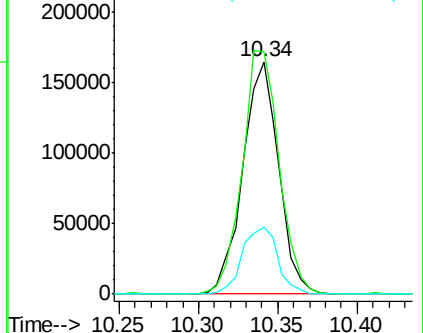
145 29.1 20.1 30.1

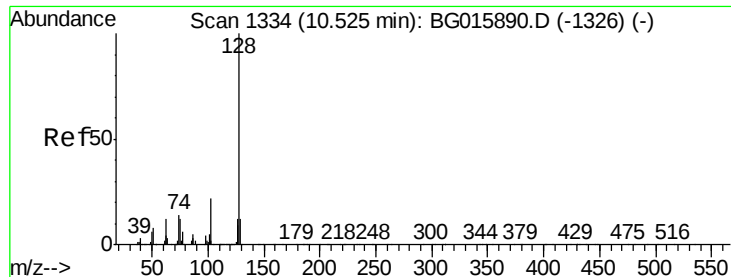


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

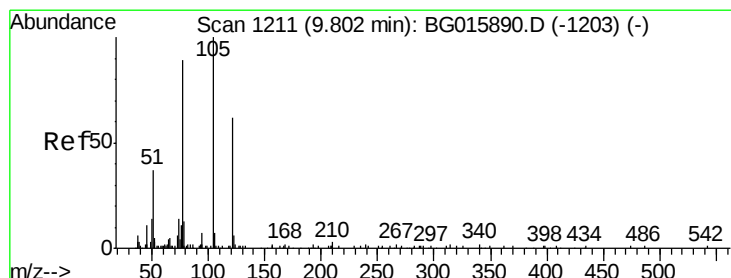
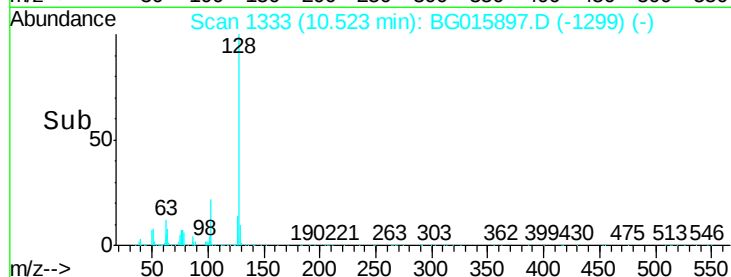
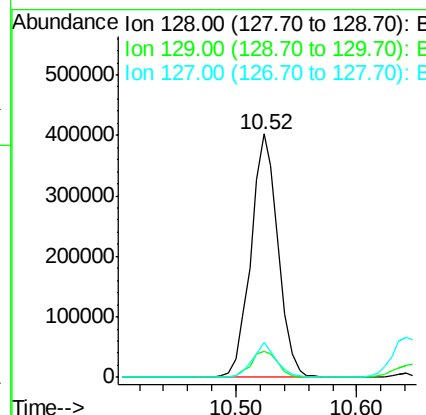
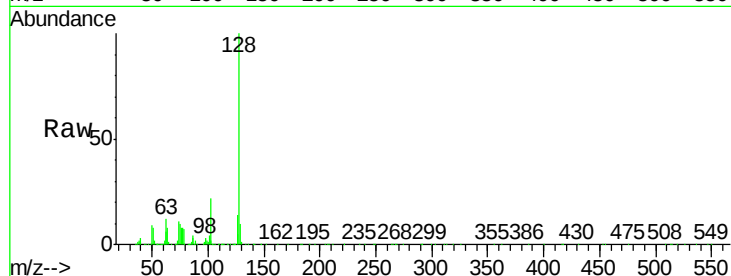




#31
Naphthalene
Concen: 37.52 ng
RT: 10.52 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BG015897.D
Acq: 20 Jan 2015 18:43

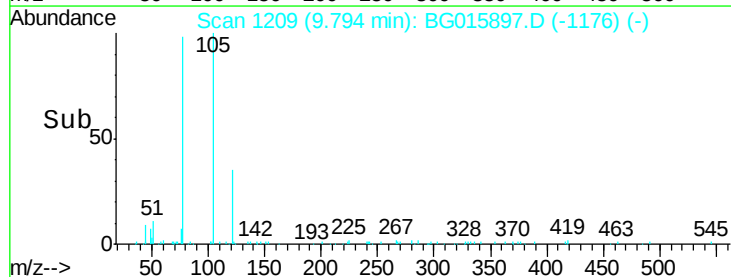
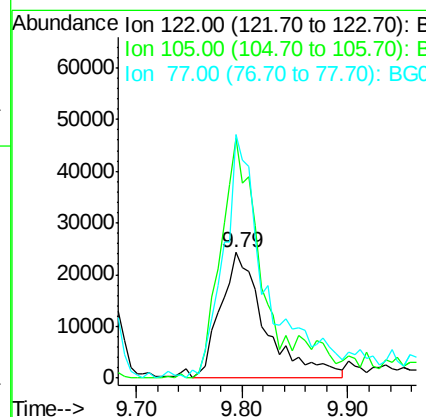
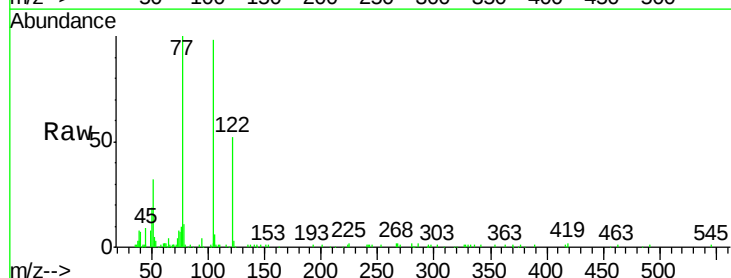
Instrument :
BNA_G
ClientSampleId :
PB81414BS

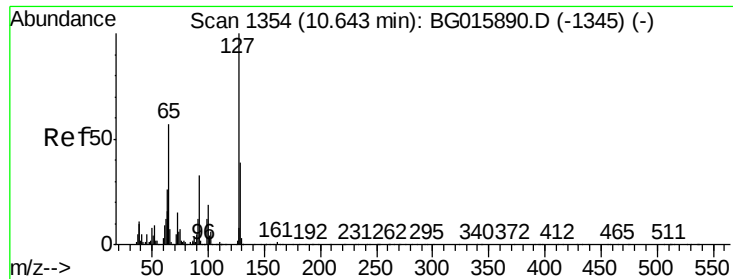
Tgt Ion:128 Resp: 625404
Ion Ratio Lower Upper
128 100
129 10.5 9.7 14.5
127 14.2 9.8 14.6



#32
Benzoic acid
Concen: 42.35 ng
RT: 9.79 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BG015897.D
Acq: 20 Jan 2015 18:43

Tgt Ion:122 Resp: 70363
Ion Ratio Lower Upper
122 100
105 190.3 140.2 180.2#
77 193.6 126.4 166.4#

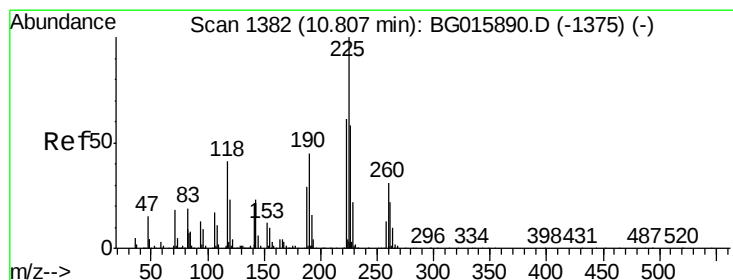
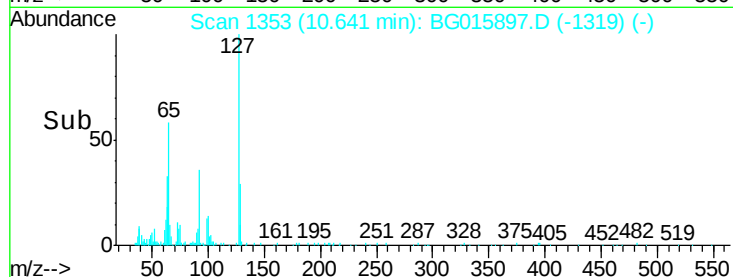
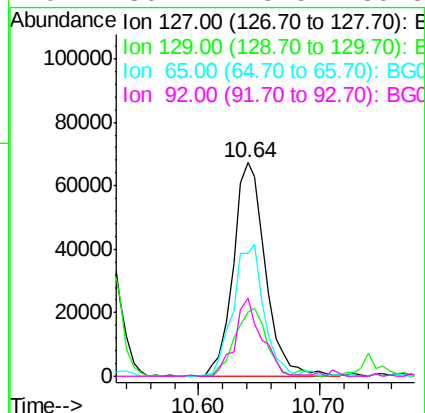
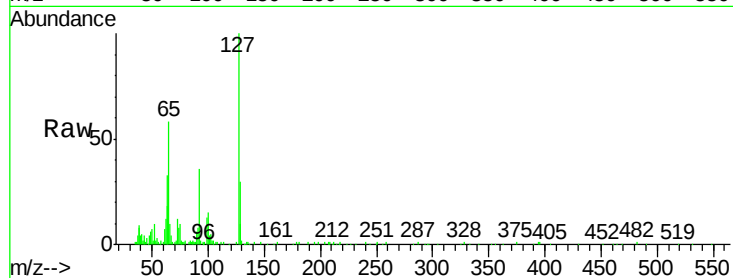




#33
4-Chloroaniline
Concen: 16.03 ng
RT: 10.64 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BG015897.D
Acq: 20 Jan 2015 18:43

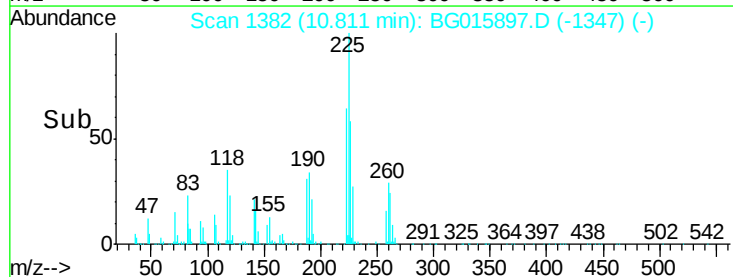
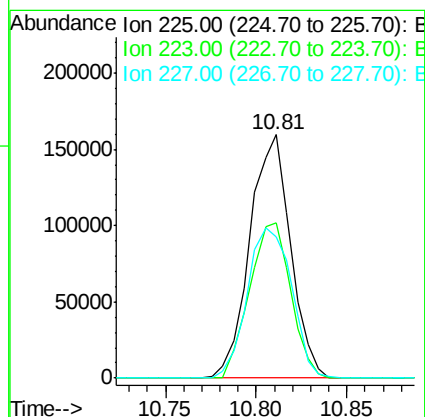
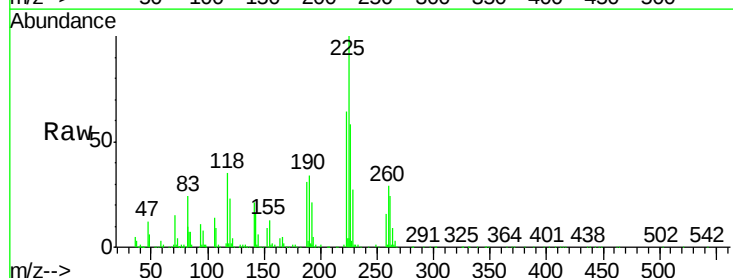
Instrument :
BNA_G
ClientSampleId :
PB81414BS

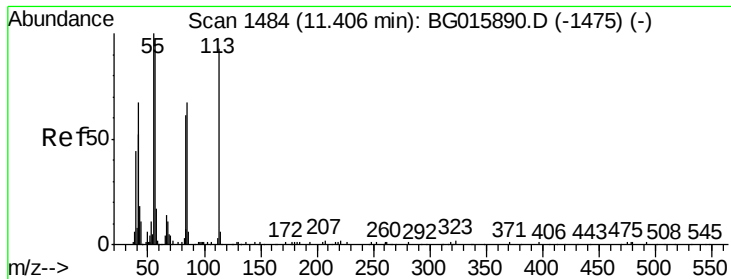
Tgt Ion:	127	Resp:	124600
Ion	Ratio	Lower	Upper
127	100		
129	29.9	30.8	46.2#
65	57.7	45.4	68.2
92	36.4	26.6	39.8



#34
Hexachlorobutadiene
Concen: 35.66 ng
RT: 10.81 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BG015897.D
Acq: 20 Jan 2015 18:43

Tgt Ion:	225	Resp:	248790
Ion	Ratio	Lower	Upper
225	100		
223	65.0	49.9	74.9
227	58.4	45.3	67.9





#35

Caprolactam

Concen: 38.80 ng m

RT: 11.40 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BG015897.D

Acq: 20 Jan 2015 18:43

Instrument :

BNA_G

ClientSampleId :

PB81414BS

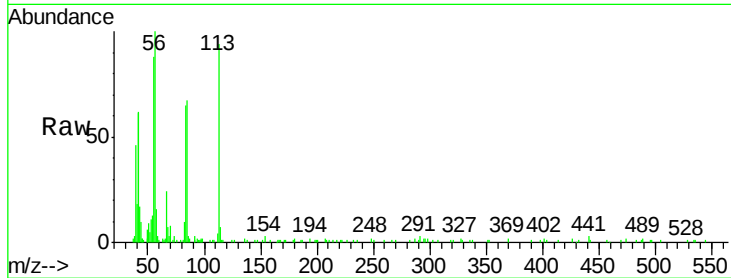
Tgt Ion:113 Resp: 112129

Ion Ratio Lower Upper

113 100

55 93.3 89.2 129.2

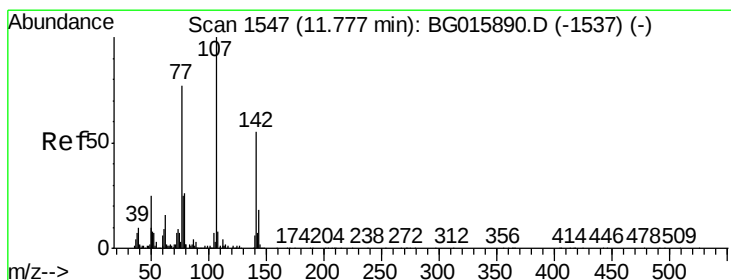
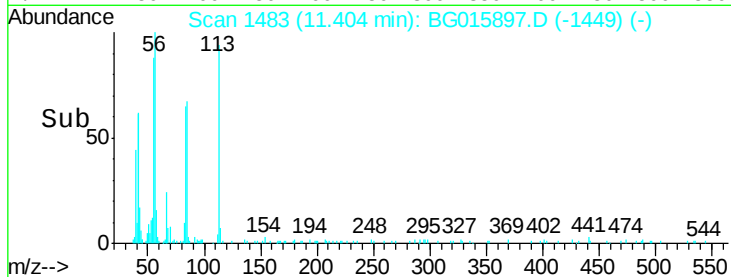
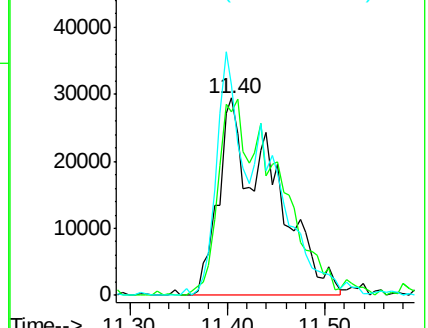
56 106.6 82.4 122.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 39.06 ng

RT: 11.78 min Scan# 1547

Delta R.T. 0.00 min

Lab File: BG015897.D

Acq: 20 Jan 2015 18:43

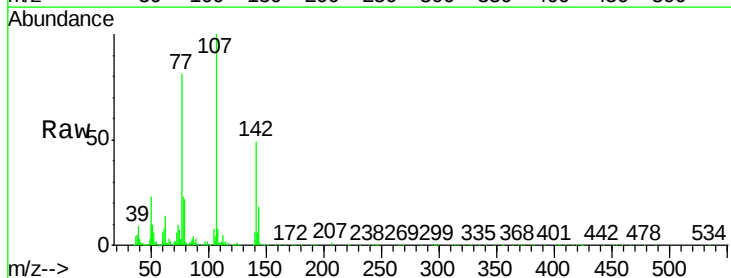
Tgt Ion:107 Resp: 337905

Ion Ratio Lower Upper

107 100

144 18.4 14.6 22.0

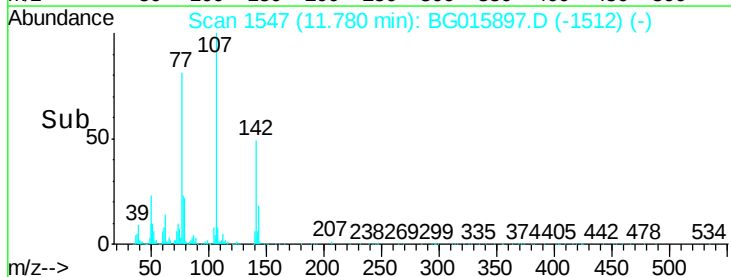
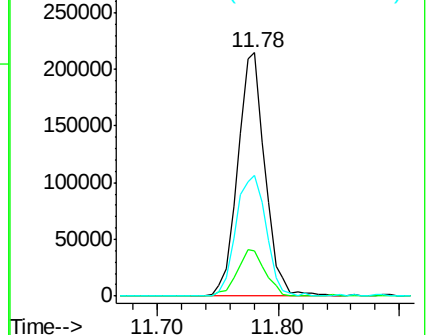
142 49.5 43.8 65.6

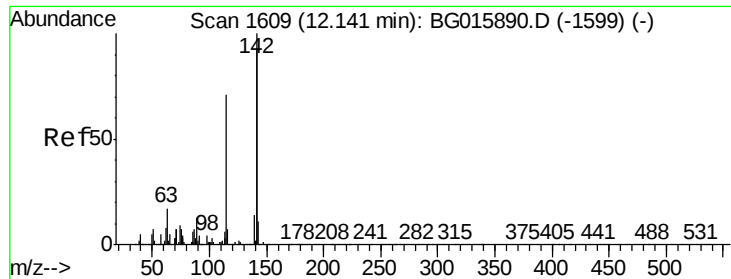


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

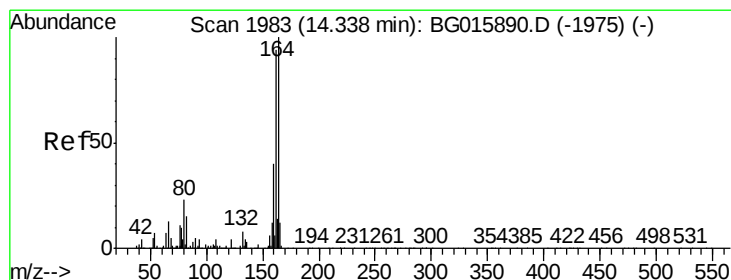
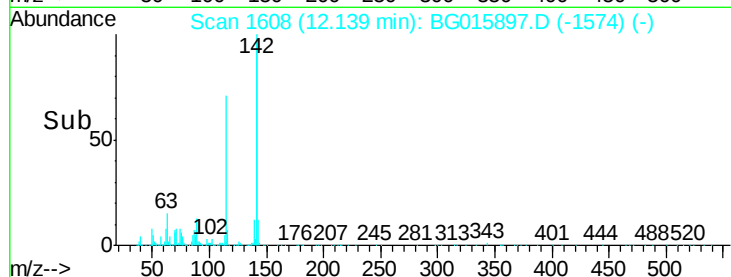
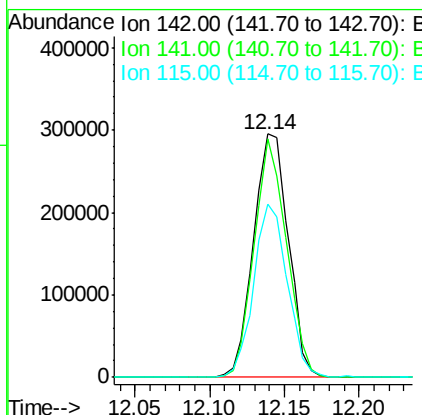
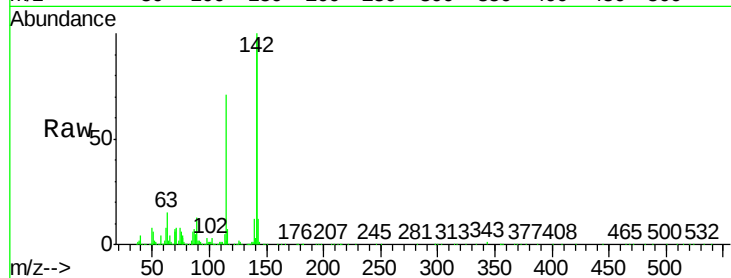




#37
2-Methylnaphthalene
Concen: 35.90 ng
RT: 12.14 min Scan# 1608
Delta R.T. -0.00 min
Lab File: BG015897.D
Acq: 20 Jan 2015 18:43

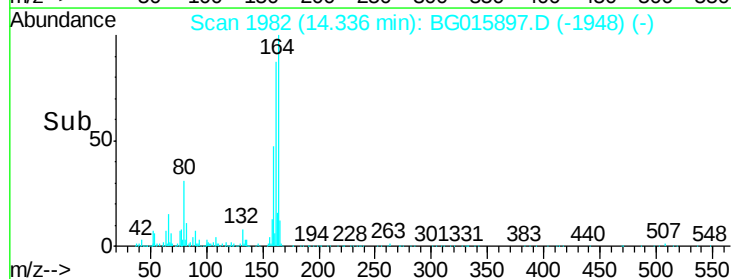
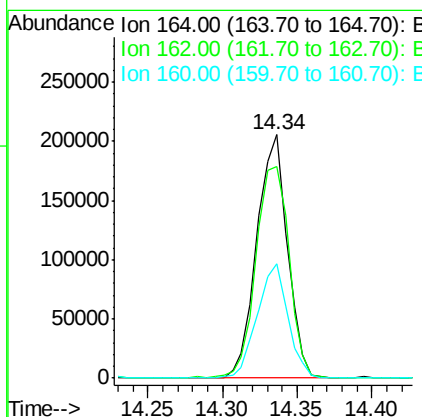
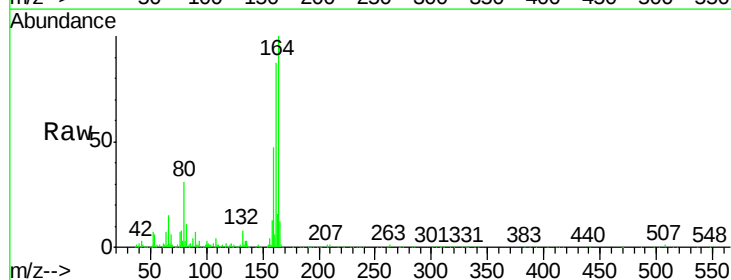
Instrument :
BNA_G
ClientSampleId :
PB81414BS

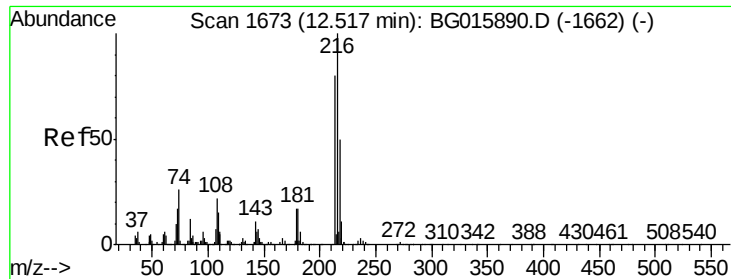
Tgt Ion	Ratio	Lower	Upper
142	100		
141	98.2	73.8	110.8
115	71.1	56.6	84.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.34 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG015897.D
Acq: 20 Jan 2015 18:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	87.0	75.1	112.7
160	47.1	32.3	48.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.16 ng

RT: 12.51 min Scan# 1672

Delta R.T. -0.00 min

Lab File: BG015897.D

Acq: 20 Jan 2015 18:43

Instrument :

BNA_G

ClientSampleId :

PB81414BS

Tgt Ion:216 Resp: 401002

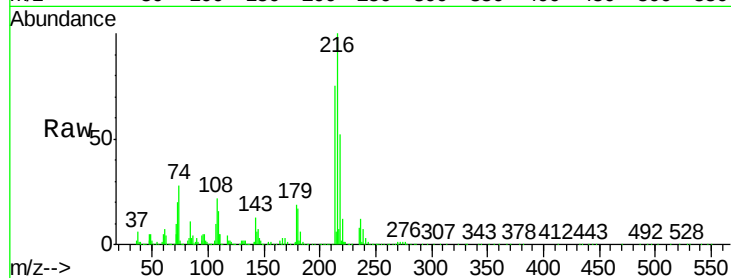
Ion Ratio Lower Upper

216 100

214 77.9 64.1 96.1

179 18.2 14.5 21.7

108 28.2 20.6 31.0

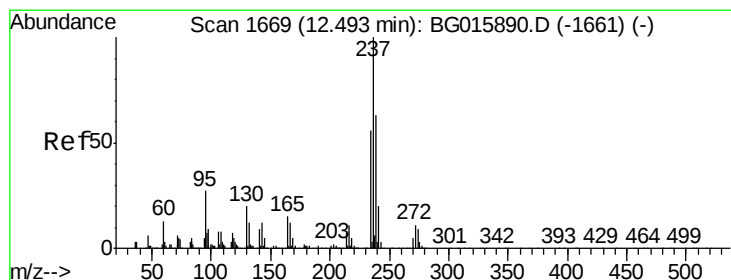
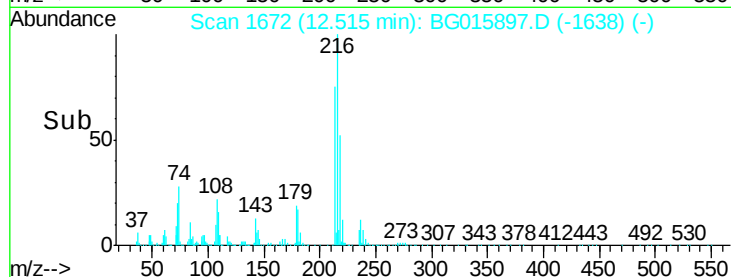
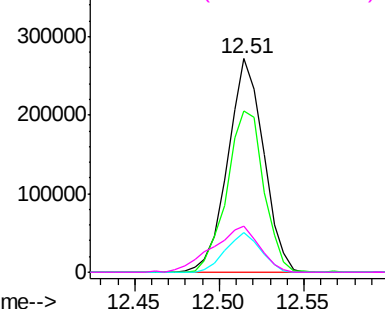


Abundance Ion 216.00 (215.70 to 216.70): E

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: 77.03 ng

RT: 12.49 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG015897.D

Acq: 20 Jan 2015 18:43

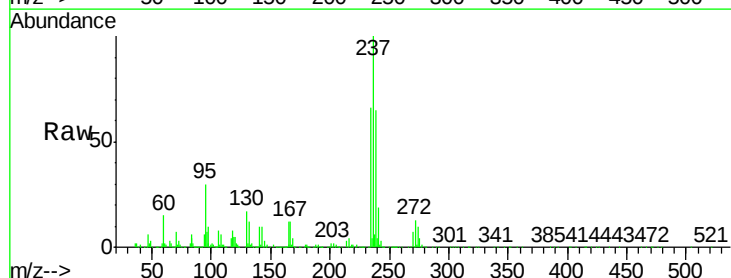
Tgt Ion:237 Resp: 643776

Ion Ratio Lower Upper

237 100

235 66.4 36.2 76.2

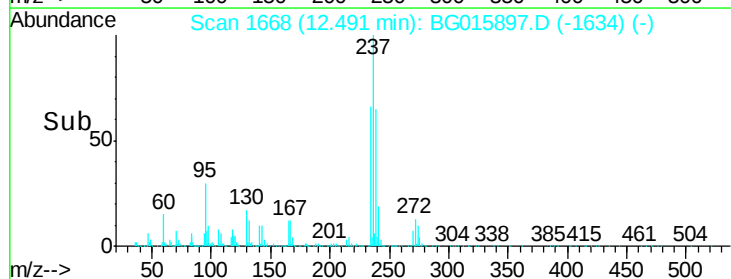
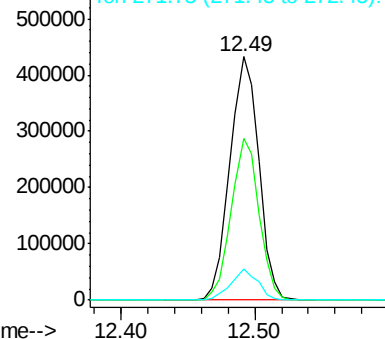
272 12.7 0.0 31.4

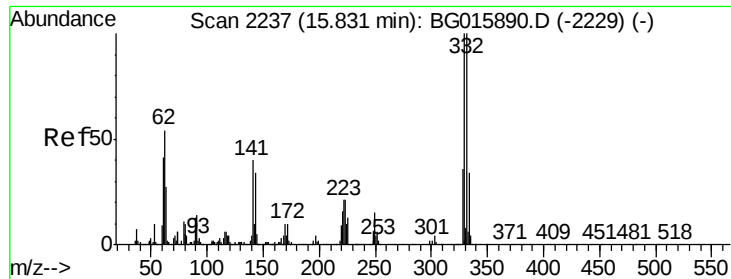


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

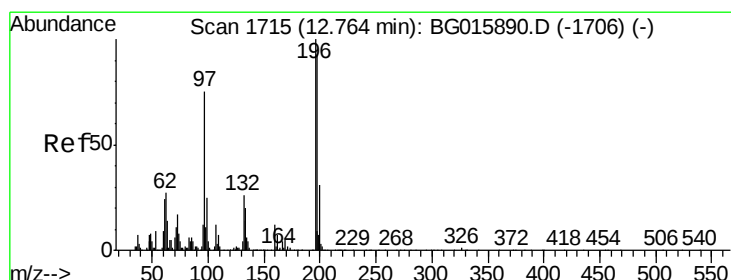
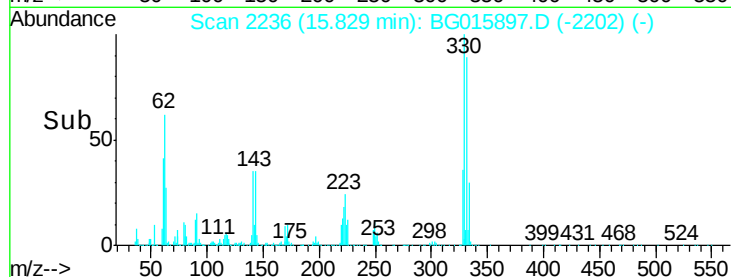
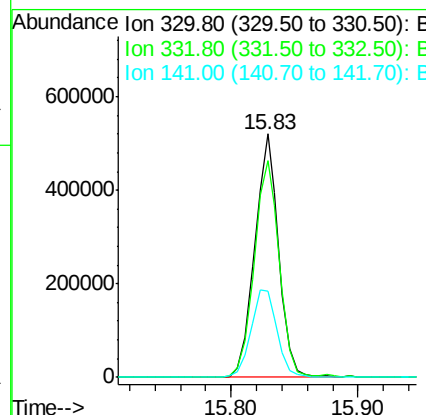
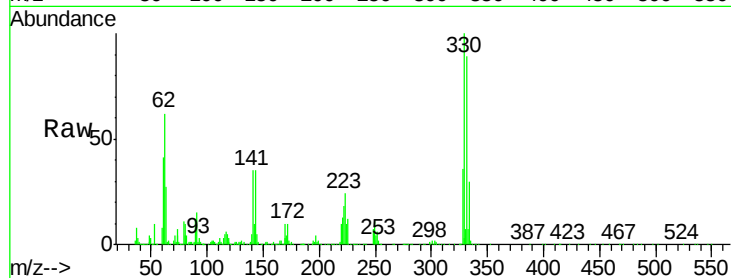




#41
2,4,6-Tribromophenol
Concen: 127.97 ng
RT: 15.83 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BG015897.D
Acq: 20 Jan 2015 18:43

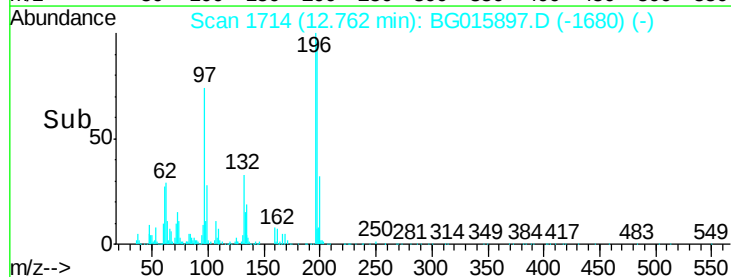
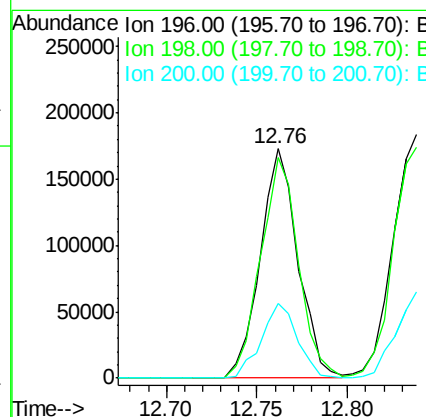
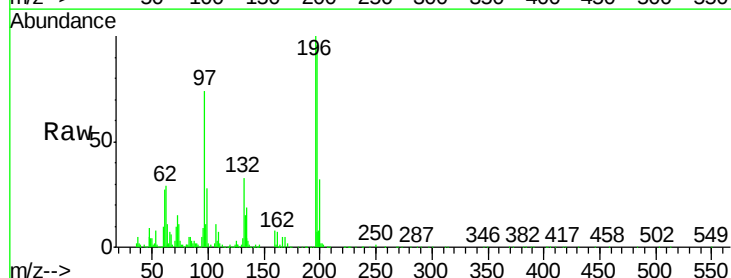
Instrument :
BNA_G
ClientSampleId :
PB81414BS

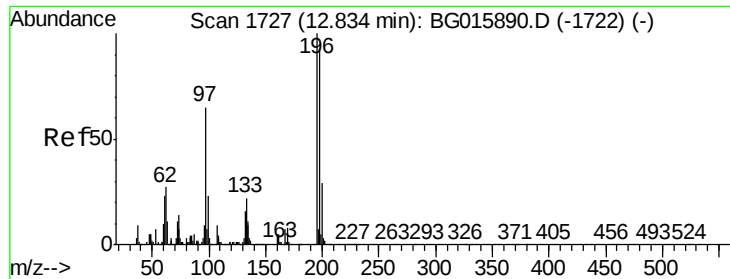
Tgt Ion:330 Resp: 681320
Ion Ratio Lower Upper
330 100
332 94.0 75.4 113.0
141 39.0 33.0 49.6



#42
2,4,6-Trichlorophenol
Concen: 38.78 ng
RT: 12.76 min Scan# 1714
Delta R.T. -0.00 min
Lab File: BG015897.D
Acq: 20 Jan 2015 18:43

Tgt Ion:196 Resp: 251957
Ion Ratio Lower Upper
196 100
198 96.1 74.1 111.1
200 34.6 24.6 37.0

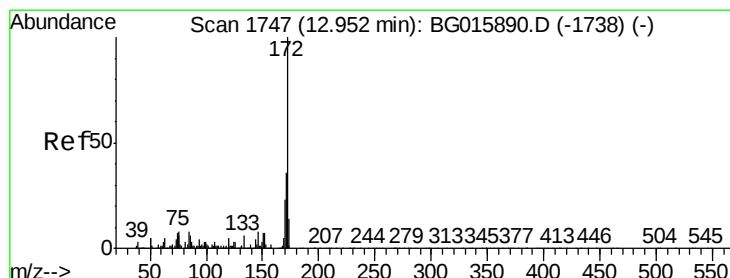
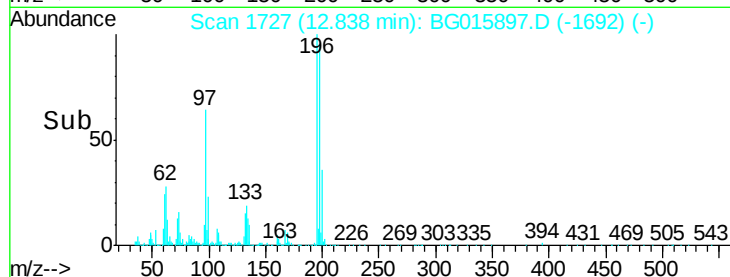
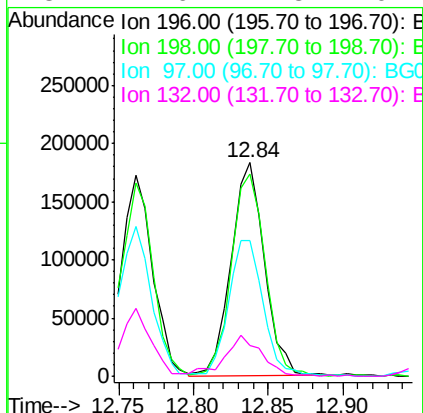
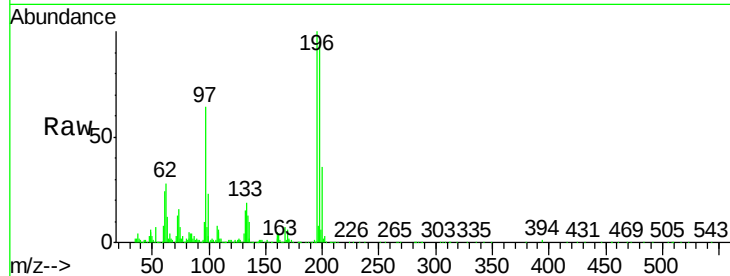




#43
 2,4,5-Trichlorophenol
 Concen: 38.84 ng
 RT: 12.84 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: BG015897.D
 Acq: 20 Jan 2015 18:43

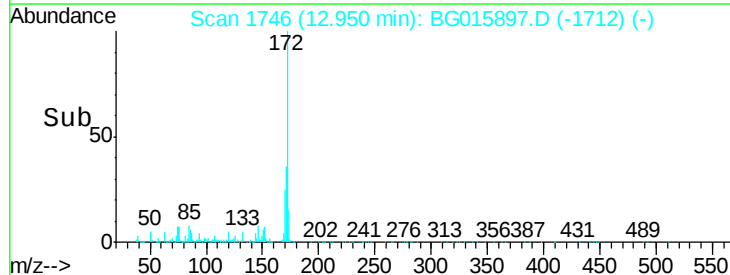
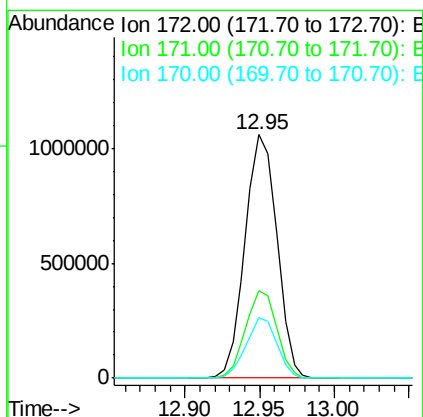
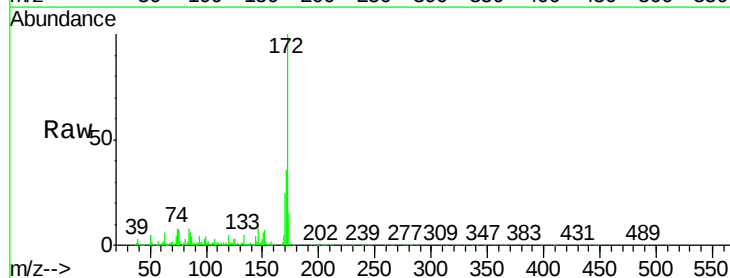
Instrument :
 BNA_G
 ClientSampleId :
 PB81414BS

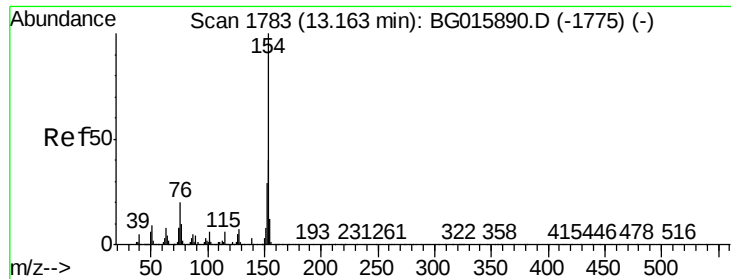
Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.7	74.7	112.1
97	63.8	52.5	78.7
132	14.6	12.8	19.2



#44
 2-Fluorobiphenyl
 Concen: 84.51 ng
 RT: 12.95 min Scan# 1746
 Delta R.T. -0.00 min
 Lab File: BG015897.D
 Acq: 20 Jan 2015 18:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.2	43.8
170	25.0	18.6	27.8

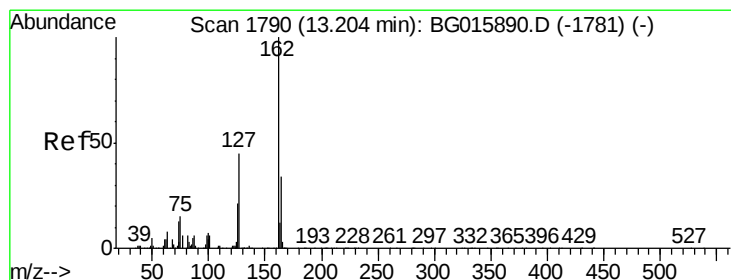
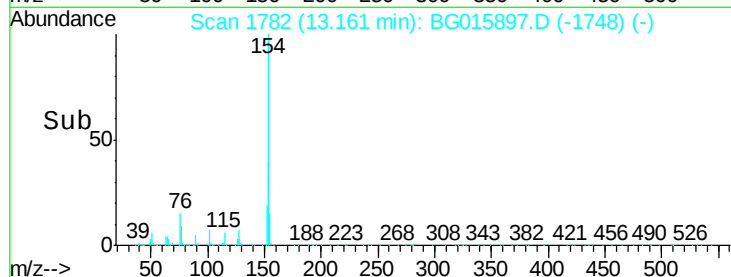
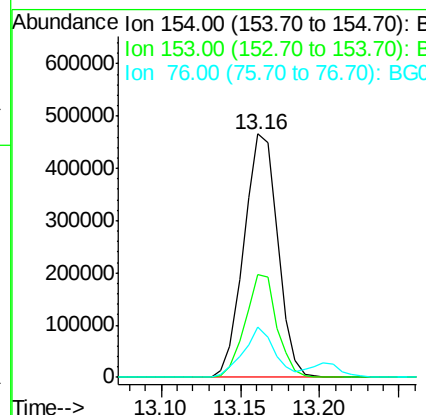
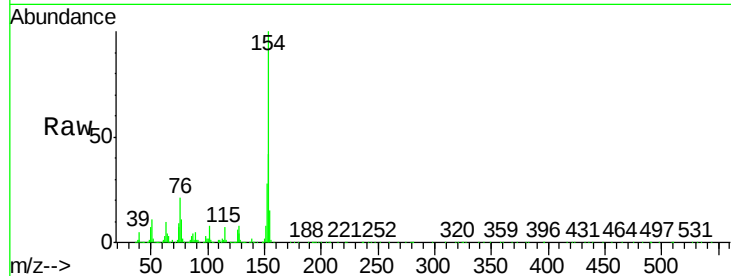




#45
1,1'-Biphenyl
Concen: 37.43 ng
RT: 13.16 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BG015897.D
Acq: 20 Jan 2015 18:43

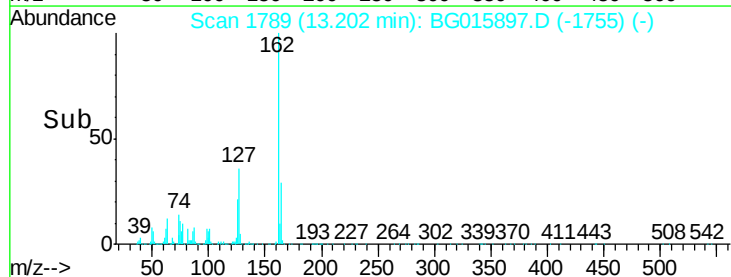
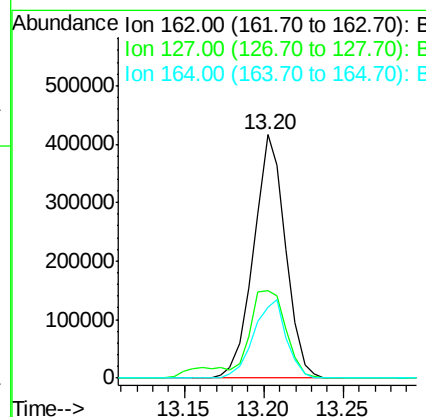
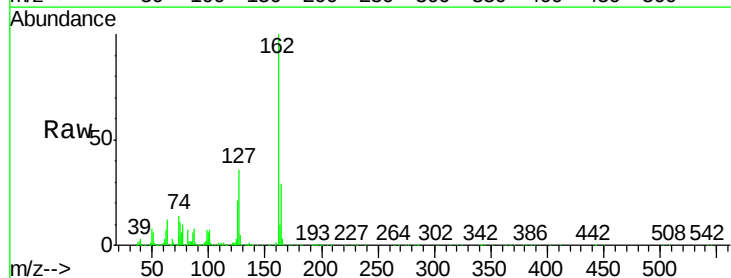
Instrument :
BNA_G
ClientSampleId :
PB81414BS

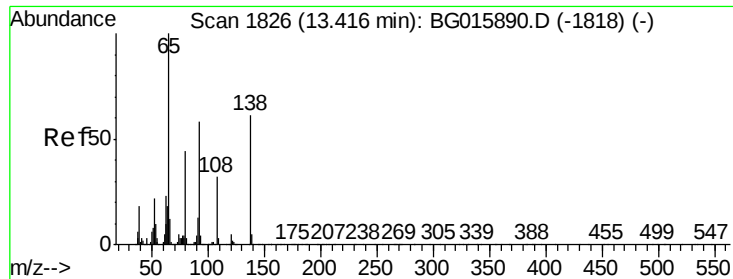
Tgt Ion:	154	Resp:	687006
Ion	Ratio	Lower	Upper
154	100		
153	42.1	20.4	60.4
76	20.7	0.2	40.2



#46
2-Chloronaphthalene
Concen: 37.37 ng
RT: 13.20 min Scan# 1789
Delta R.T. -0.00 min
Lab File: BG015897.D
Acq: 20 Jan 2015 18:43

Tgt Ion:	162	Resp:	579245
Ion	Ratio	Lower	Upper
162	100		
127	35.7	37.1	55.7#
164	29.3	27.0	40.4





#47

2-Nitroaniline

Concen: 39.68 ng

RT: 13.41 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BG015897.D

Acq: 20 Jan 2015 18:43

Instrument :

BNA_G

ClientSampleId :

PB81414BS

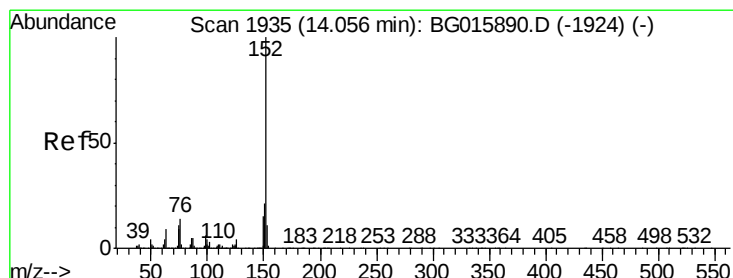
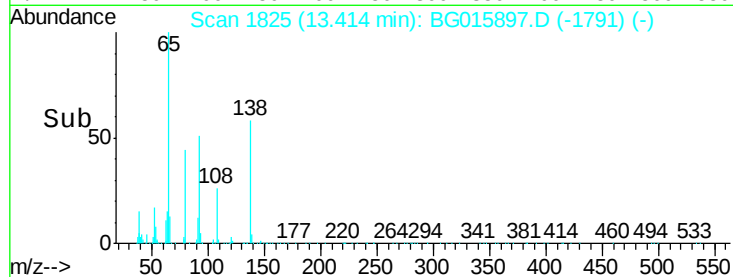
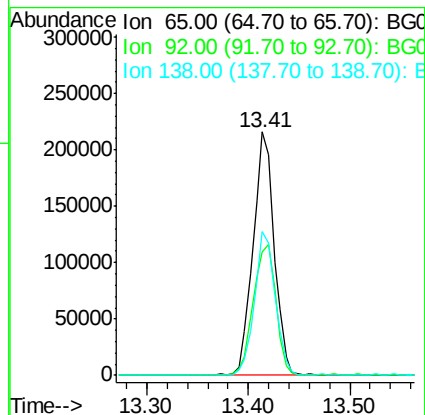
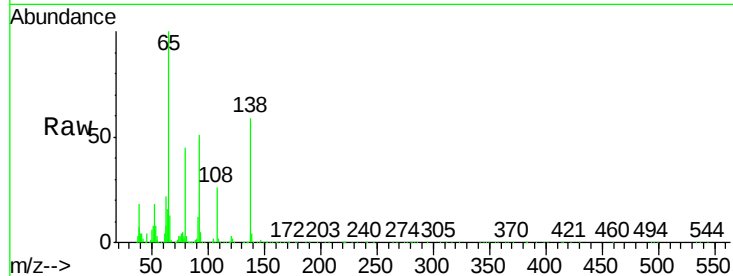
Tgt Ion: 65 Resp: 313803

Ion Ratio Lower Upper

65 100

92 50.9 46.6 70.0

138 59.2 49.0 73.6



#48

Acenaphthylene

Concen: 39.33 ng

RT: 14.05 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG015897.D

Acq: 20 Jan 2015 18:43

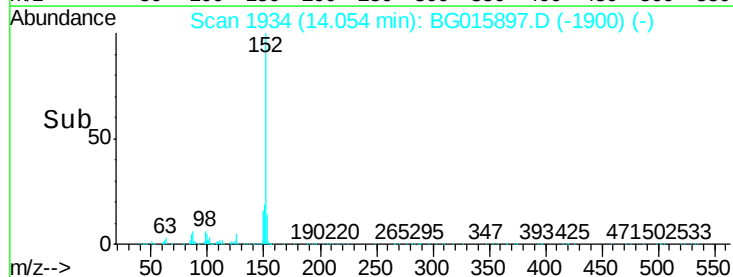
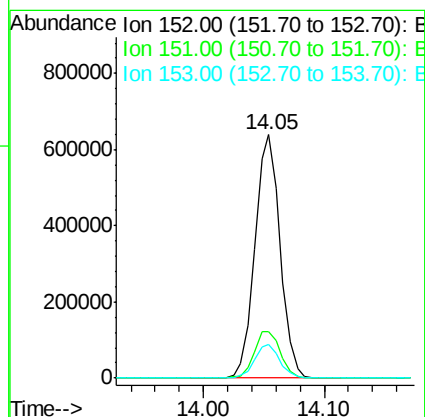
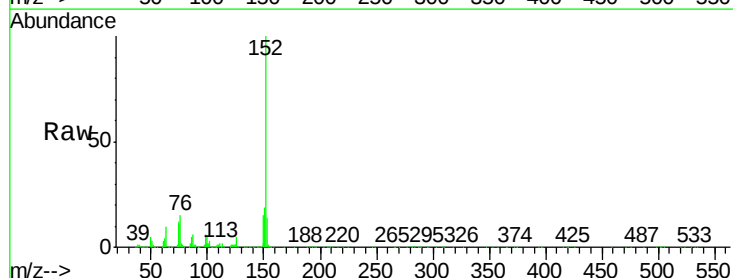
Tgt Ion: 152 Resp: 925801

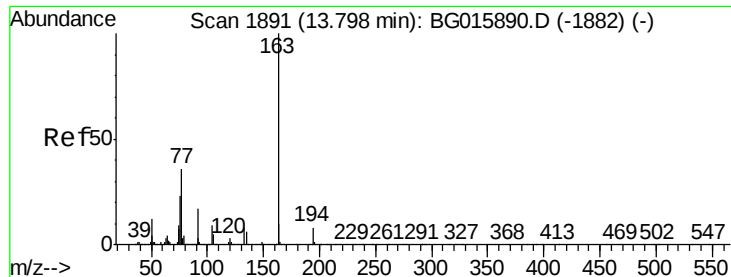
Ion Ratio Lower Upper

152 100

151 18.9 16.6 24.8

153 13.7 8.9 13.3#

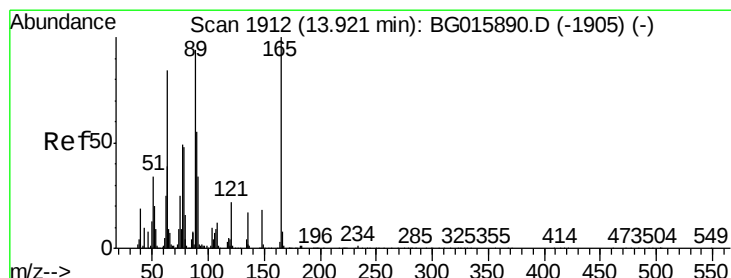
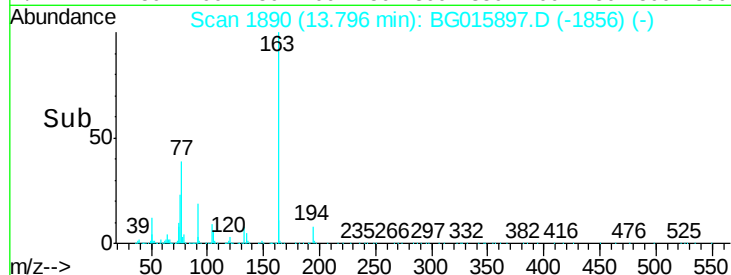
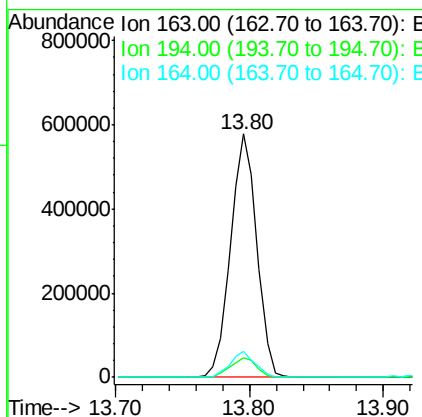
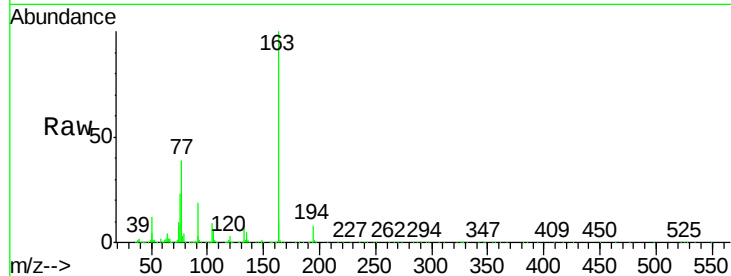




#49
Dimethylphthalate
Concen: 37.83 ng
RT: 13.80 min Scan# 1890
Delta R.T. -0.00 min
Lab File: BG015897.D
Acq: 20 Jan 2015 18:43

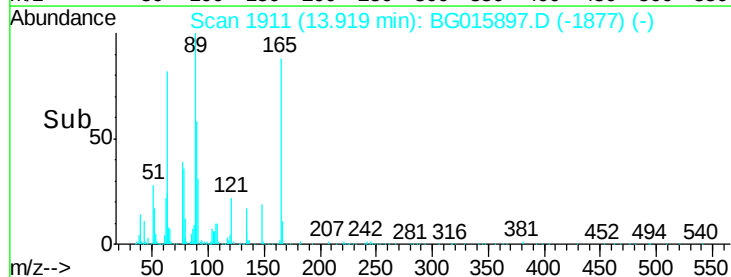
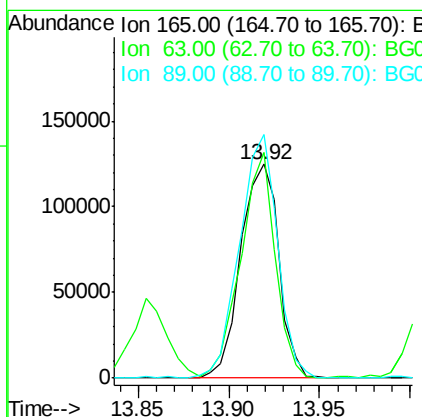
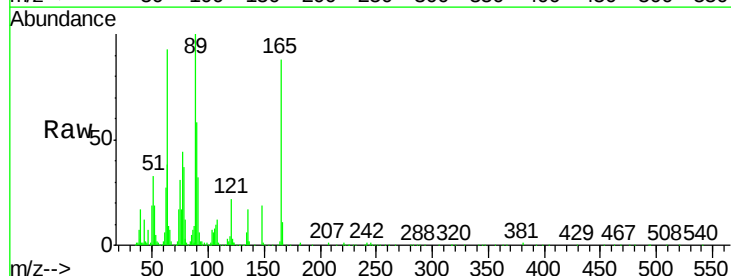
Instrument :
BNA_G
ClientSampleId :
PB81414BS

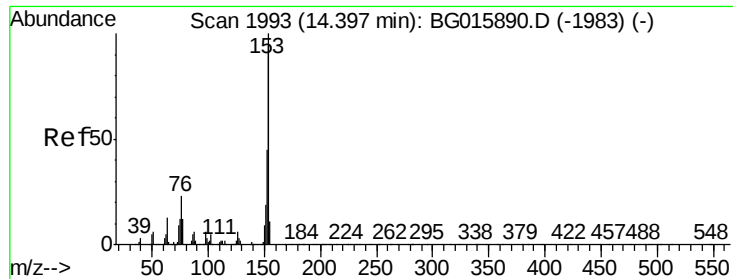
Tgt Ion	Ratio	Lower	Upper
163	100		
194	8.2	6.2	9.4
164	10.9	8.0	12.0



#50
2,6-Dinitrotoluene
Concen: 38.65 ng
RT: 13.92 min Scan# 1911
Delta R.T. -0.00 min
Lab File: BG015897.D
Acq: 20 Jan 2015 18:43

Tgt Ion	Ratio	Lower	Upper
165	100		
63	105.3	68.3	102.5#
89	113.8	75.4	113.2#





#51

Acenaphthene

Concen: 37.12 ng

RT: 14.39 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BG015897.D

Acq: 20 Jan 2015 18:43

Instrument :

BNA_G

ClientSampleId :

PB81414BS

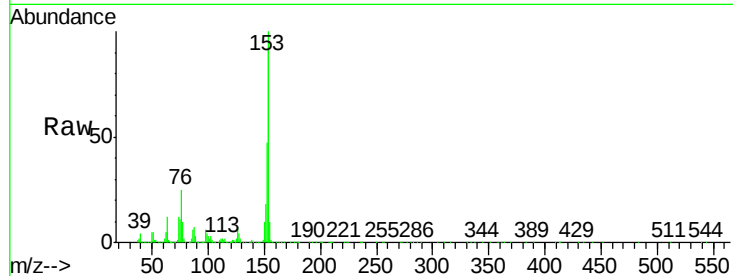
Tgt Ion:154 Resp: 548993

Ion Ratio Lower Upper

154 100

153 107.7 85.1 127.7

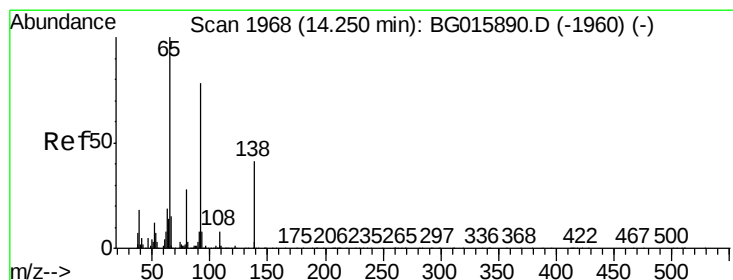
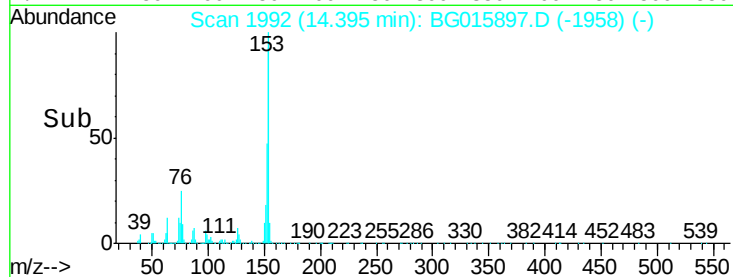
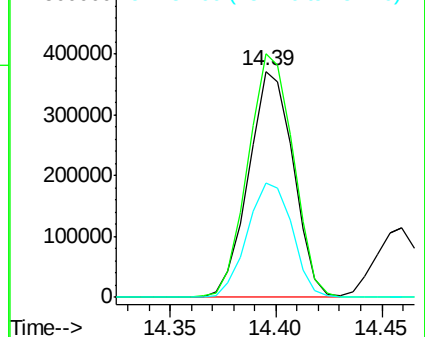
152 50.4 38.3 57.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.72 ng

RT: 14.25 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BG015897.D

Acq: 20 Jan 2015 18:43

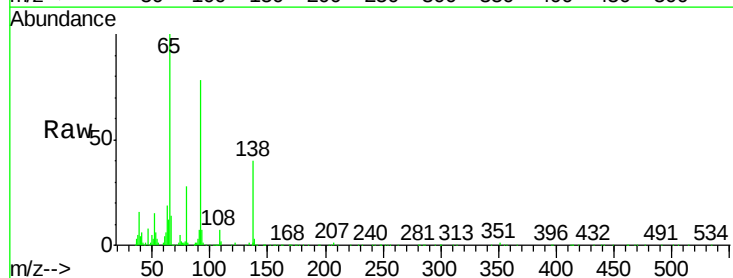
Tgt Ion:138 Resp: 105401

Ion Ratio Lower Upper

138 100

108 18.1 15.9 23.9

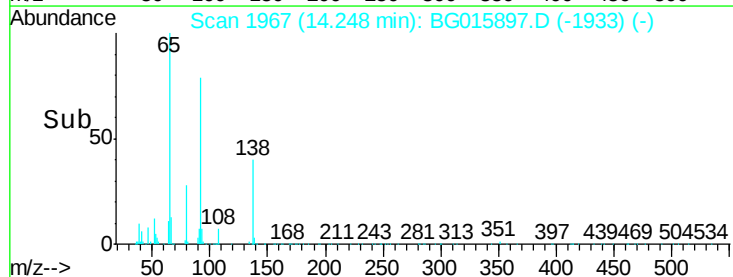
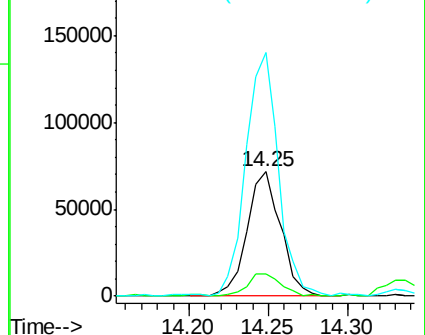
92 196.3 154.0 231.0

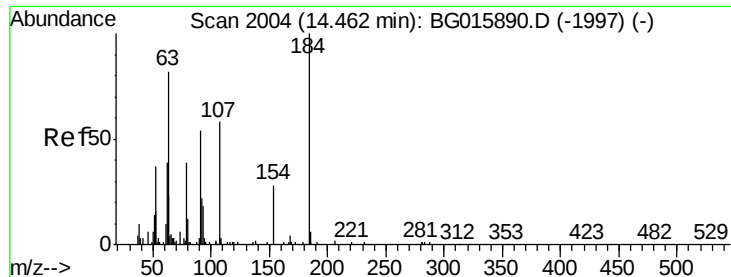


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

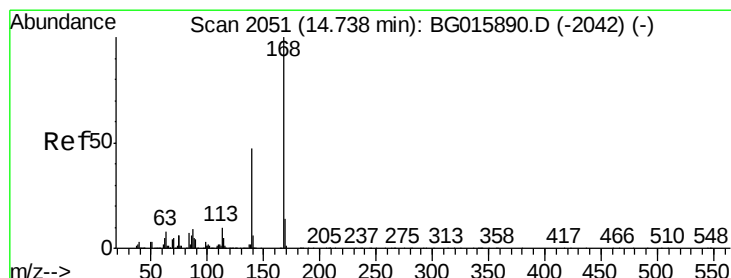
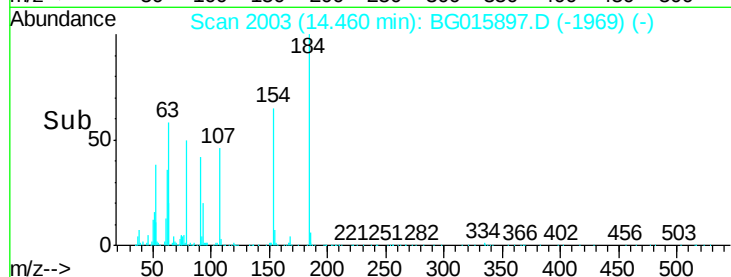
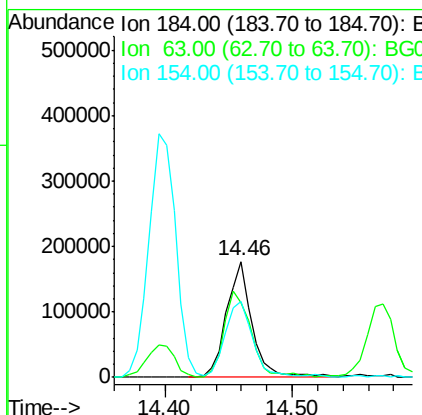
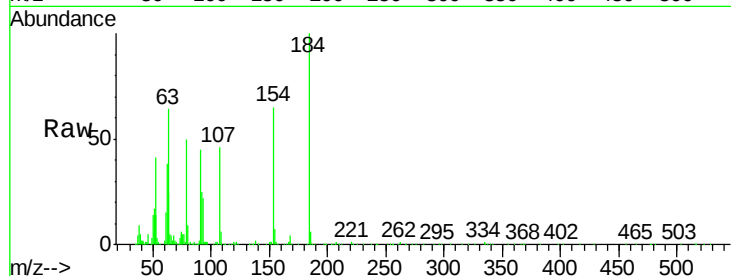




#53
2,4-Dinitrophenol
Concen: 71.48 ng
RT: 14.46 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BG015897.D
Acq: 20 Jan 2015 18:43

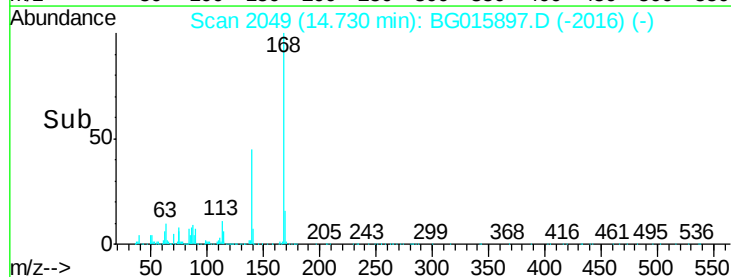
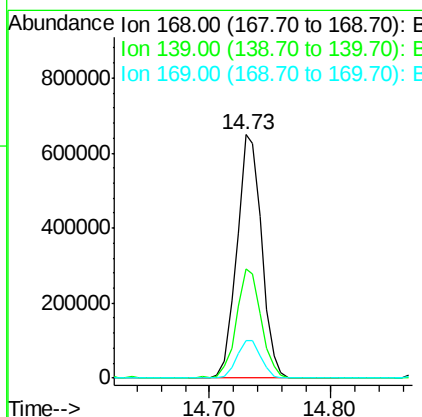
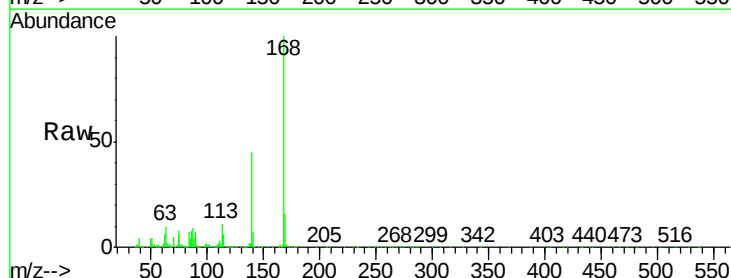
Instrument :
BNA_G
ClientSampleId :
PB81414BS

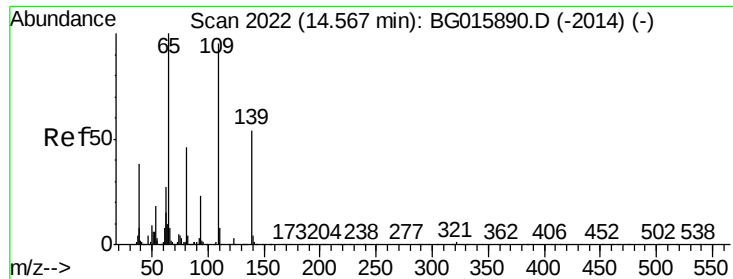
Tgt Ion:184 Resp: 246424
Ion Ratio Lower Upper
184 100
63 64.0 68.6 103.0#
154 65.0 54.9 82.3



#54
Dibenzofuran
Concen: 37.81 ng
RT: 14.73 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BG015897.D
Acq: 20 Jan 2015 18:43

Tgt Ion:168 Resp: 922626
Ion Ratio Lower Upper
168 100
139 45.1 37.8 56.8
169 15.5 11.5 17.3





#55

4-Nitrophenol

Concen: 88.80 ng

RT: 14.57 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BG015897.D

Acq: 20 Jan 2015 18:43

Instrument :

BNA_G

ClientSampleId :

PB81414BS

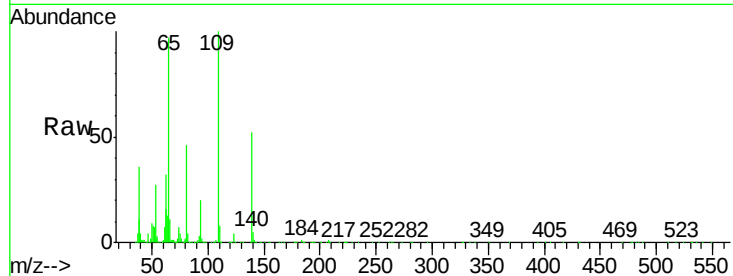
Tgt Ion:139 Resp: 271576

Ion Ratio Lower Upper

139 100

109 192.4 156.3 196.3

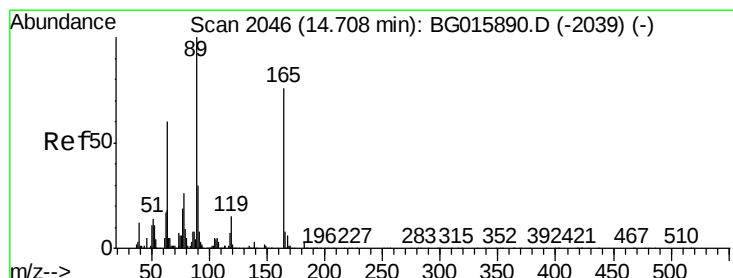
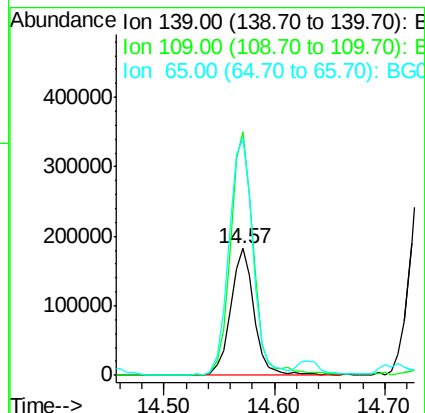
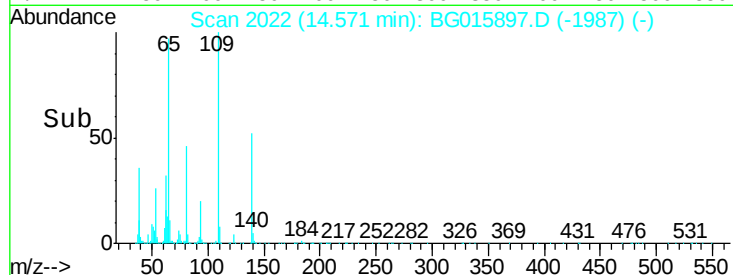
65 187.0 166.3 206.3



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 38.77 ng

RT: 14.71 min Scan# 2045

Delta R.T. -0.00 min

Lab File: BG015897.D

Acq: 20 Jan 2015 18:43

Tgt Ion:165 Resp: 267987

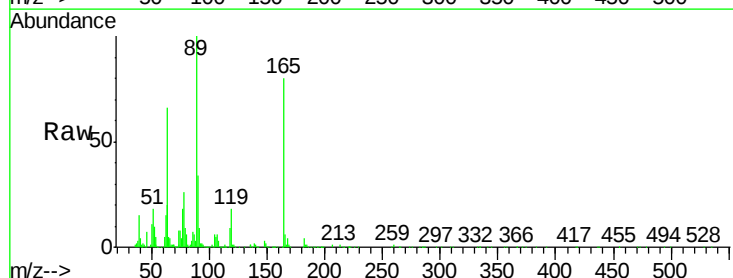
Ion Ratio Lower Upper

165 100

63 83.3 62.6 93.8

89 125.5 104.6 157.0

182 5.3 3.2 4.8#

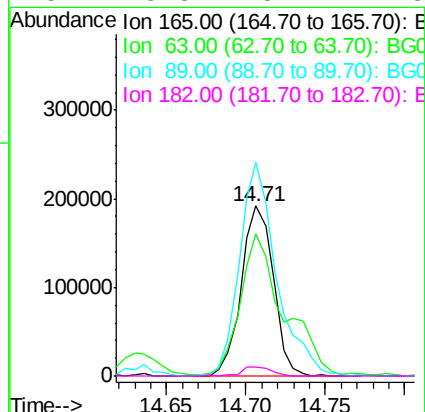
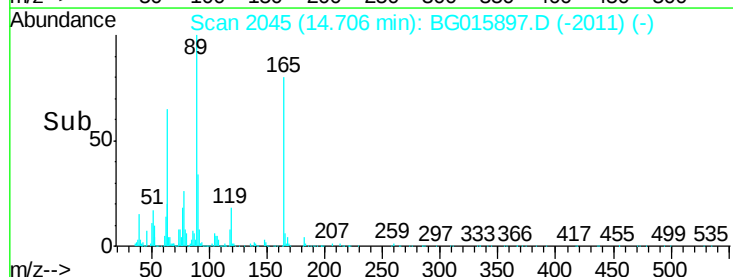


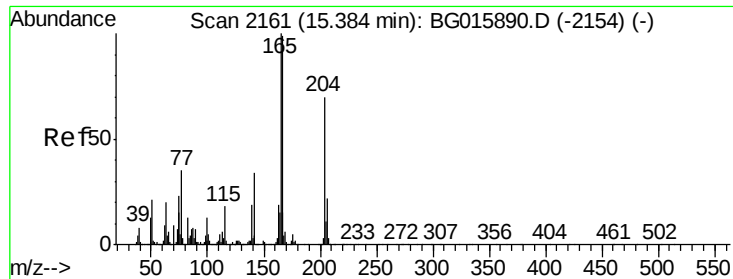
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

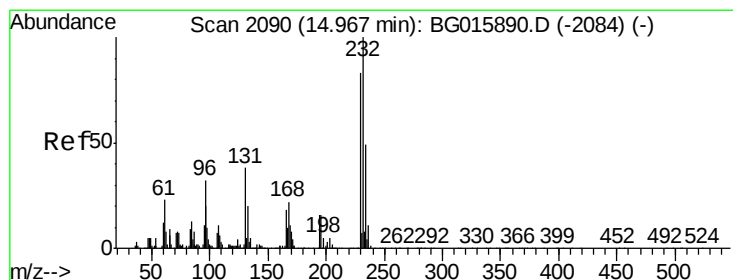
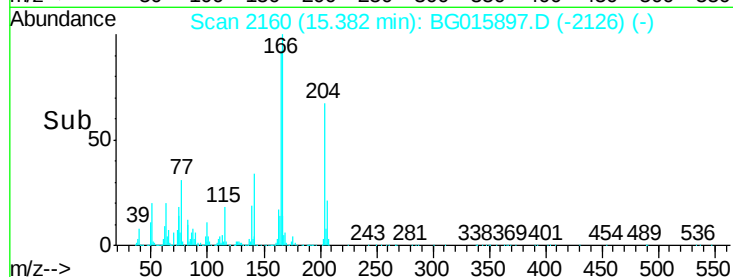
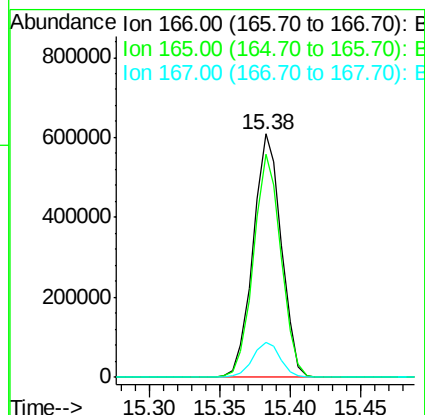
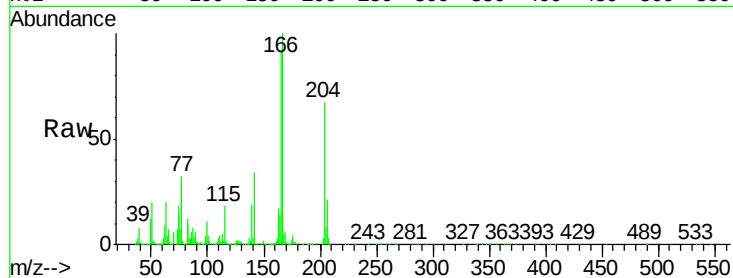




#57
Fluorene
 Concen: 38.82 ng
 RT: 15.38 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG015897.D
 Acq: 20 Jan 2015 18:43

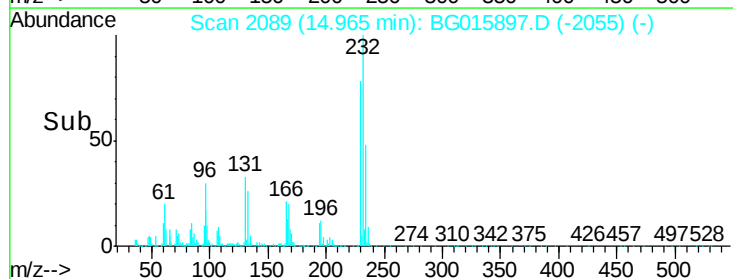
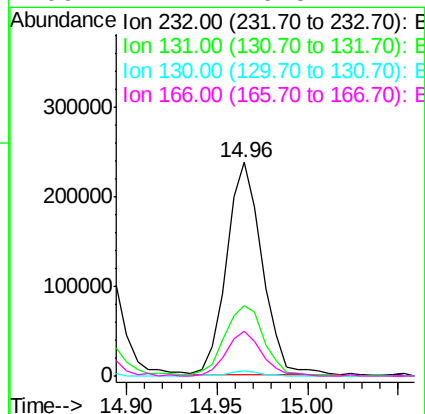
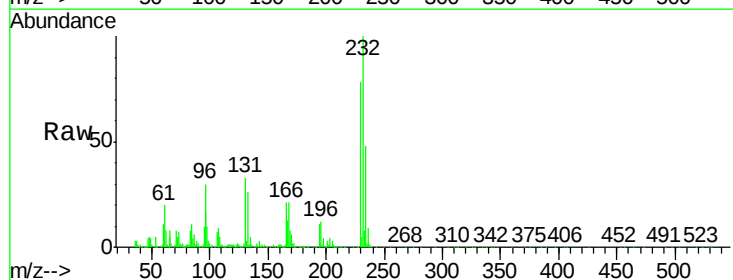
Instrument :
 BNA_G
 ClientSampleId :
 PB81414BS

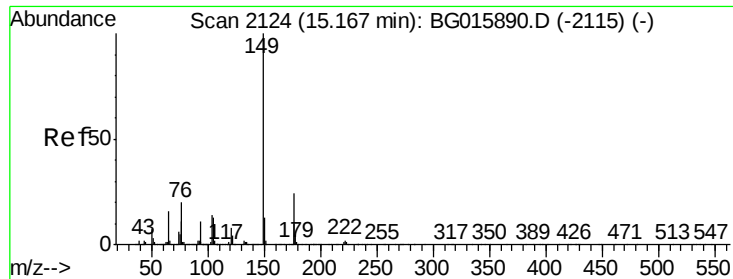
Tgt Ion:166 Resp: 854372
 Ion Ratio Lower Upper
 166 100
 165 91.8 80.6 120.8
 167 14.4 12.5 18.7



#58
2,3,4,6-Tetrachlorophenol
 Concen: 39.75 ng
 RT: 14.96 min Scan# 2089
 Delta R.T. -0.00 min
 Lab File: BG015897.D
 Acq: 20 Jan 2015 18:43

Tgt Ion:232 Resp: 323244
 Ion Ratio Lower Upper
 232 100
 131 36.5 29.1 43.7
 130 2.5 1.7 2.5
 166 21.1 16.5 24.7

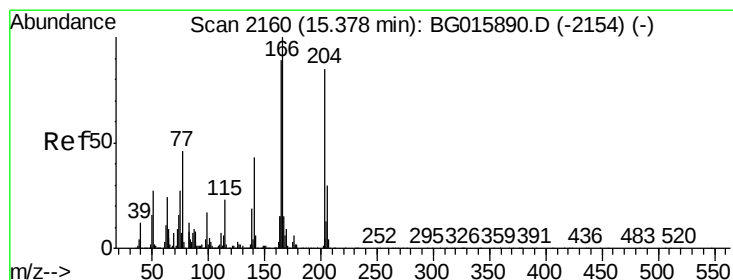
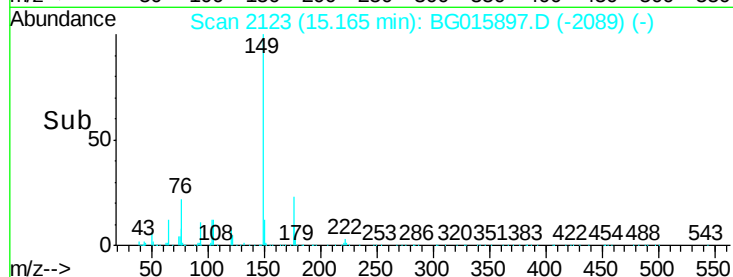
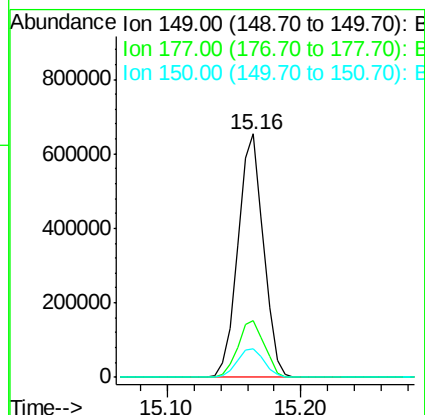
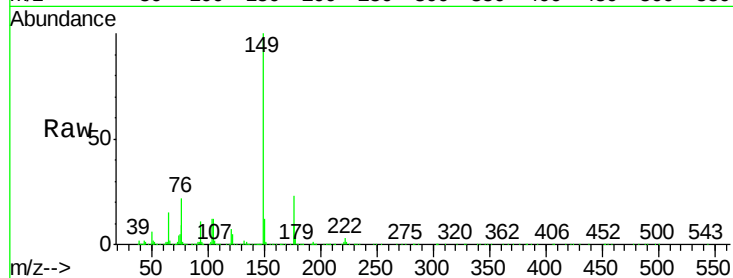




#59
Diethylphthalate
Concen: 40.34 ng
RT: 15.16 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG015897.D
Acq: 20 Jan 2015 18:43

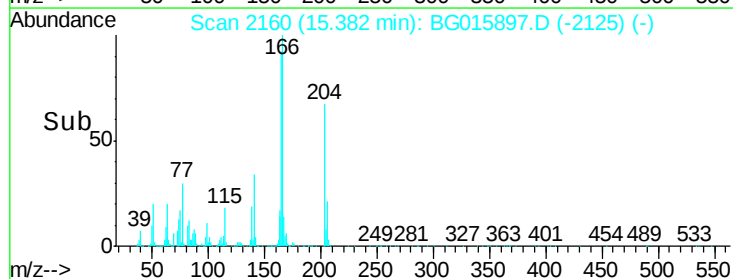
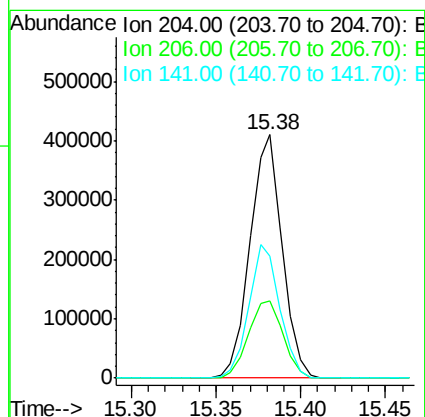
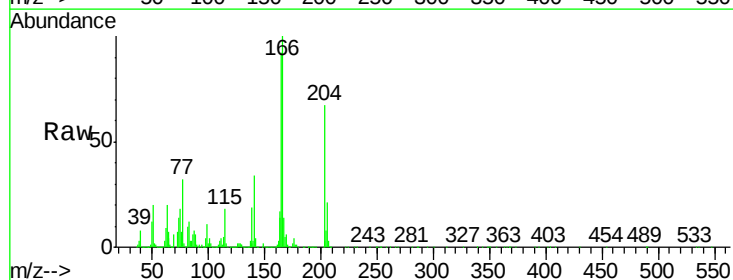
Instrument :
BNA_G
ClientSampleId :
PB81414BS

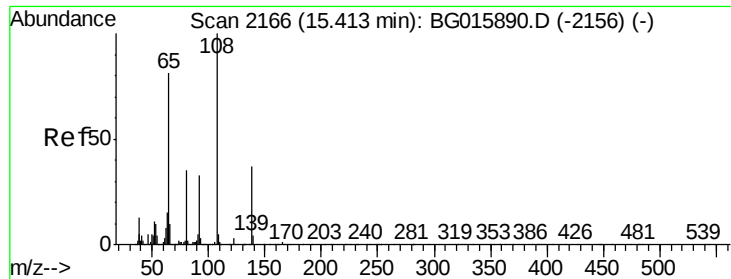
Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.1	19.4	29.0
150	11.9	10.2	15.4



#60
4-Chlorophenyl-phenylether
Concen: 37.06 ng
RT: 15.38 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG015897.D
Acq: 20 Jan 2015 18:43

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.7	28.4	42.6
141	50.0	41.0	61.6

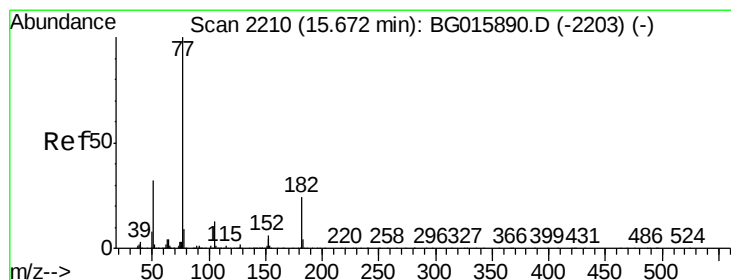
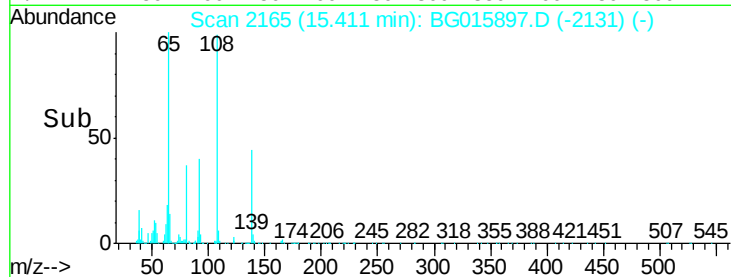
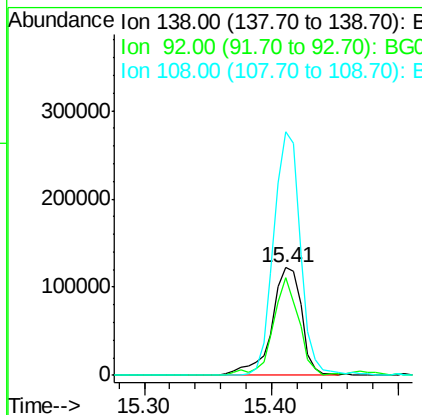
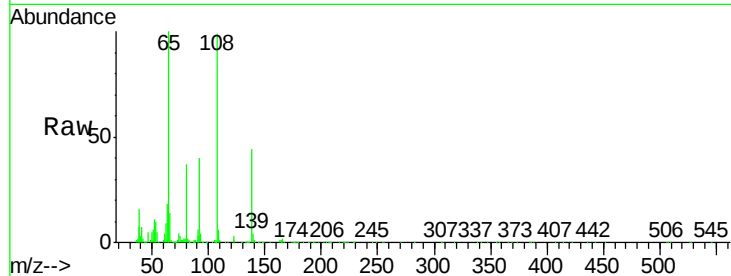




#61
4-Nitroaniline
Concen: 42.20 ng
RT: 15.41 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BG015897.D
Acq: 20 Jan 2015 18:43

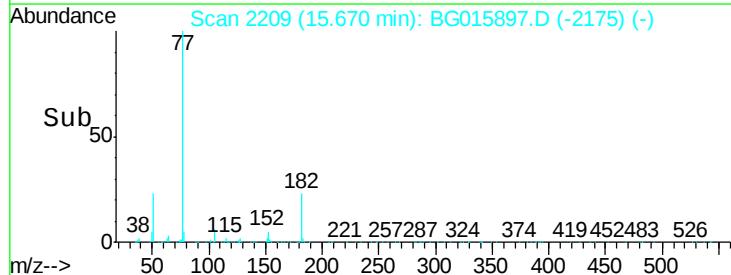
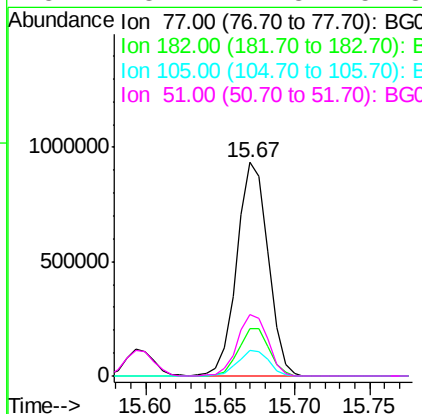
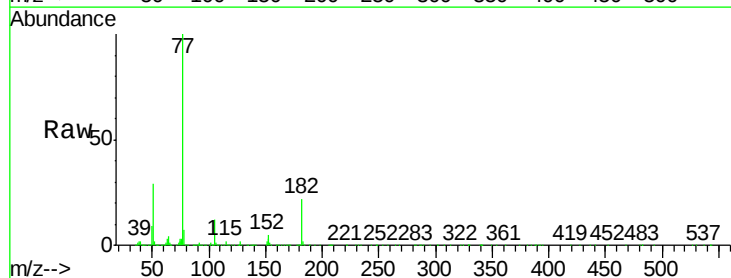
Instrument :
BNA_G
ClientSampleId :
PB81414BS

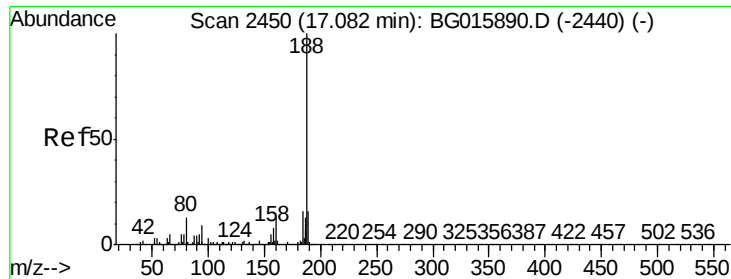
Tgt Ion:138 Resp: 198971
Ion Ratio Lower Upper
138 100
92 90.7 70.7 110.7
108 225.8 251.1 291.1#



#62
Azobenzene
Concen: 39.15 ng
RT: 15.67 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BG015897.D
Acq: 20 Jan 2015 18:43

Tgt Ion: 77 Resp: 1354380
Ion Ratio Lower Upper
77 100
182 22.4 3.6 43.6
105 12.2 0.0 32.9
51 28.7 11.8 51.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.08 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG015897.D

Acq: 20 Jan 2015 18:43

Instrument :

BNA_G

ClientSampleId :

PB81414BS

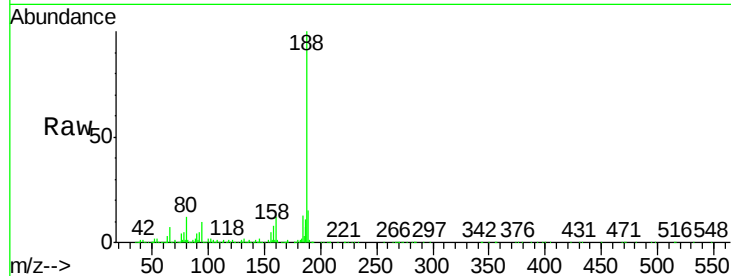
Tgt Ion:188 Resp: 802736

Ion Ratio Lower Upper

188 100

94 10.0 7.8 11.8

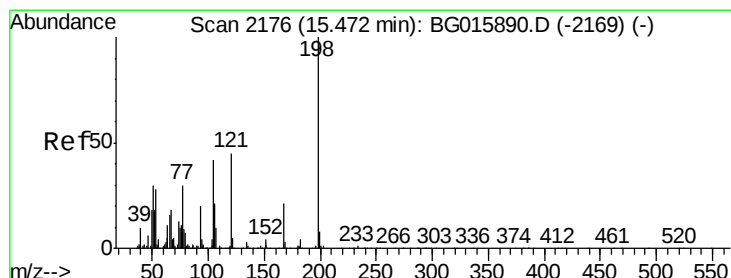
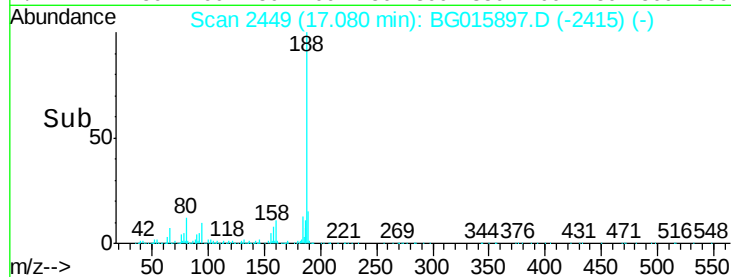
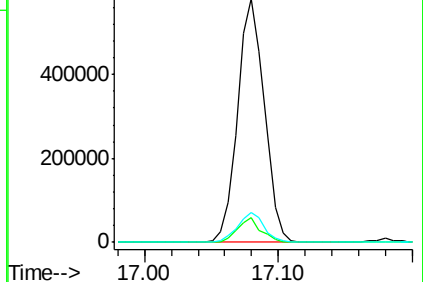
80 12.4 10.6 16.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 38.75 ng

RT: 15.47 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BG015897.D

Acq: 20 Jan 2015 18:43

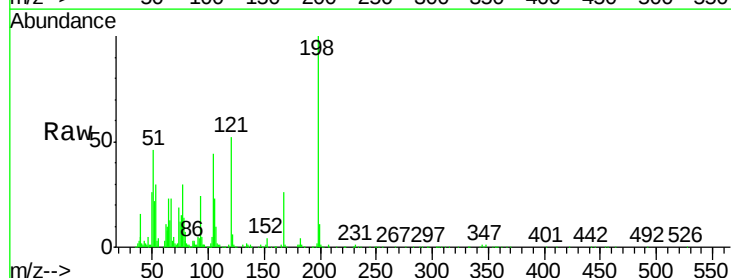
Tgt Ion:198 Resp: 224470

Ion Ratio Lower Upper

198 100

51 45.9 12.3 52.3

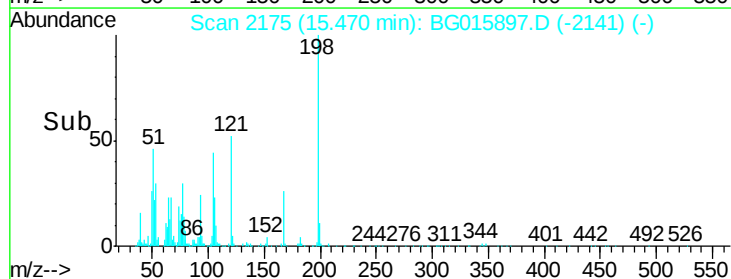
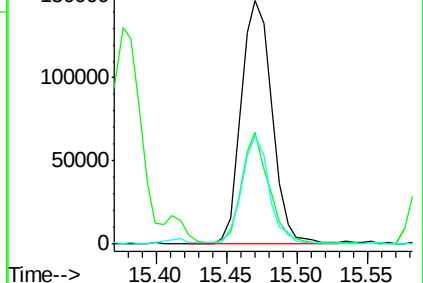
105 44.1 22.3 62.3

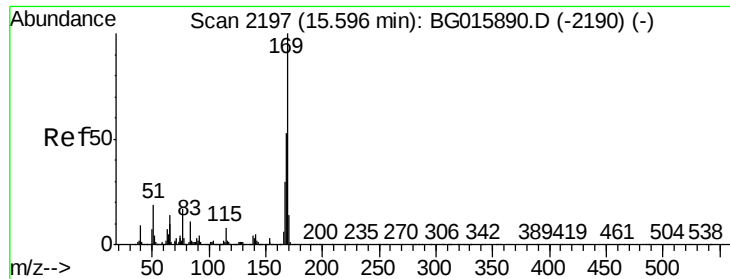


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

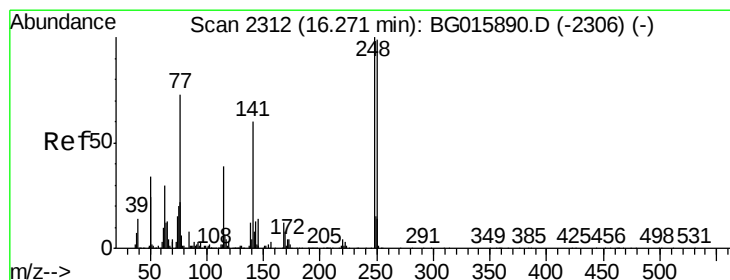
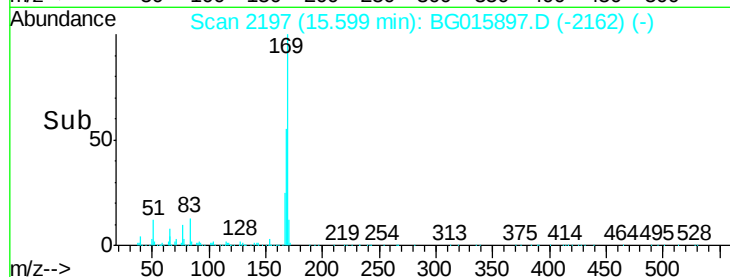
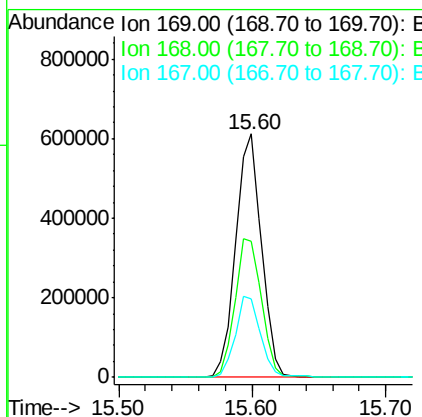
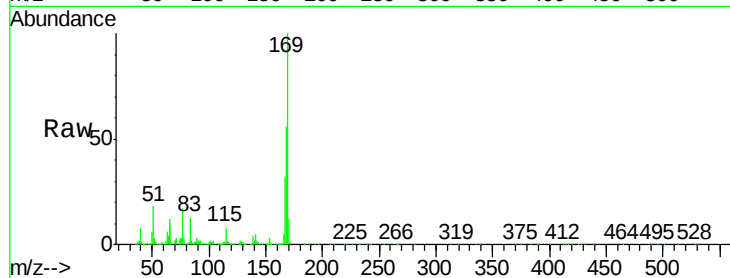




#65
n-Nitrosodiphenylamine
Concen: 35.62 ng
RT: 15.60 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BG015897.D
Acq: 20 Jan 2015 18:43

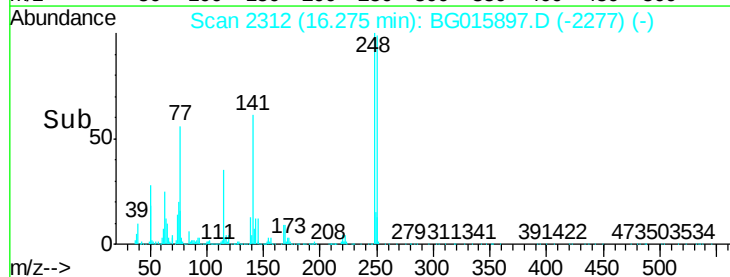
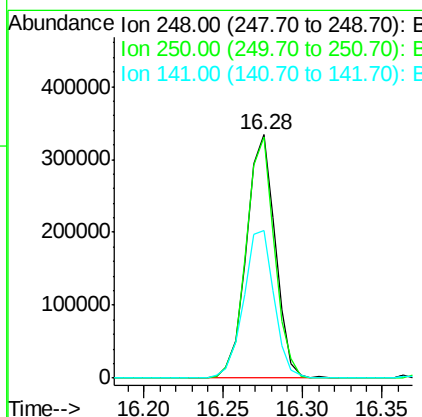
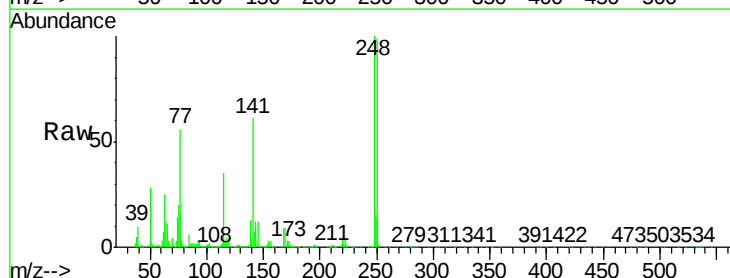
Instrument :
BNA_G
ClientSampleId :
PB81414BS

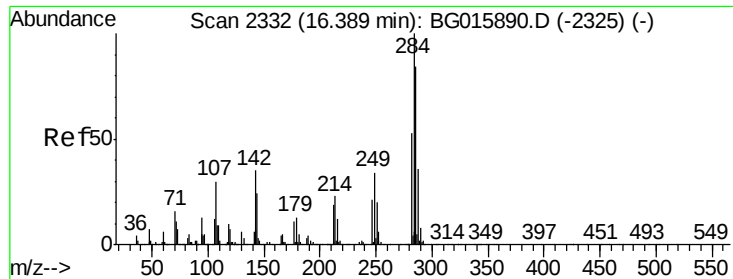
Tgt Ion:169 Resp: 815692
Ion Ratio Lower Upper
169 100
168 56.1 42.3 63.5
167 32.0 24.2 36.2



#66
4-Bromophenyl-phenylether
Concen: 35.94 ng
RT: 16.28 min Scan# 2312
Delta R.T. 0.00 min
Lab File: BG015897.D
Acq: 20 Jan 2015 18:43

Tgt Ion:248 Resp: 421238
Ion Ratio Lower Upper
248 100
250 99.1 79.3 118.9
141 60.9 47.8 71.6

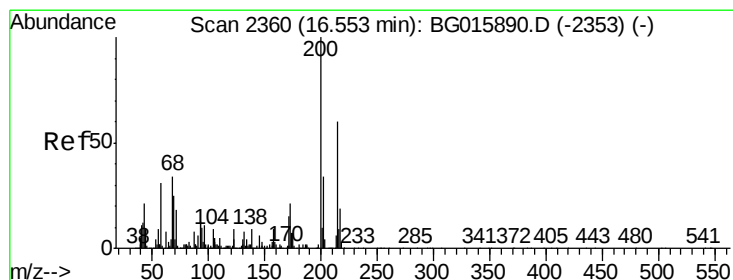
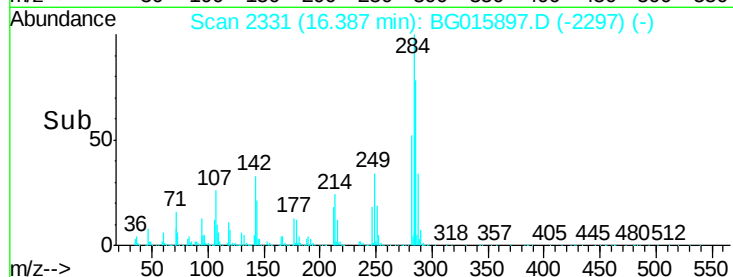
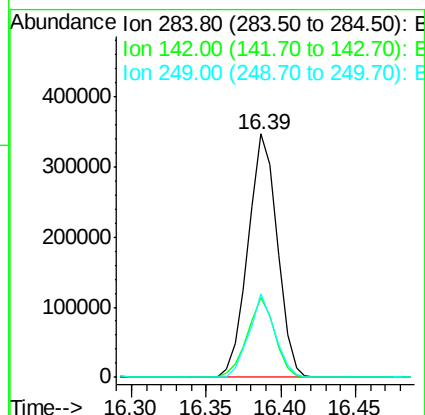
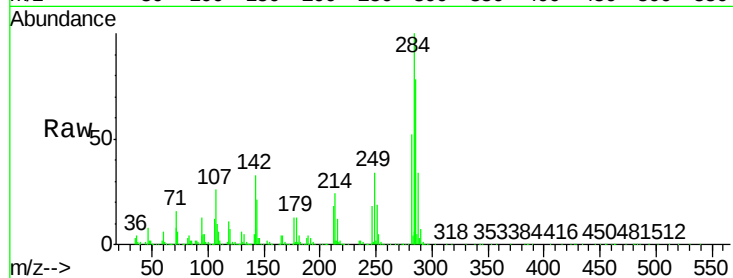




#67
Hexachlorobenzene
Concen: 36.98 ng
RT: 16.39 min Scan# 2331
Delta R.T. -0.00 min
Lab File: BG015897.D
Acq: 20 Jan 2015 18:43

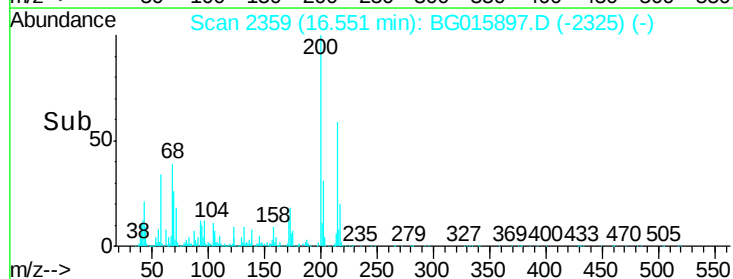
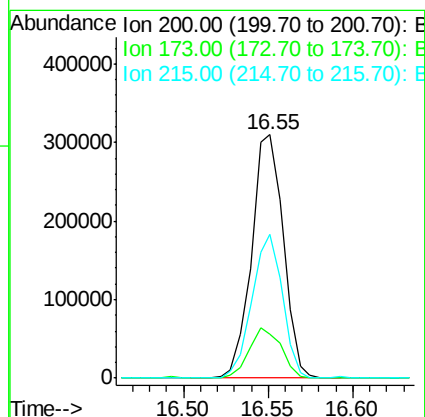
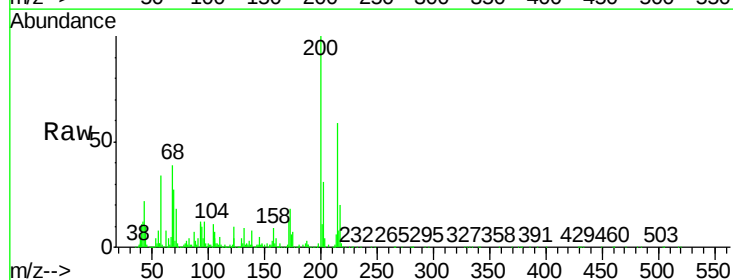
Instrument :
BNA_G
ClientSampleId :
PB81414BS

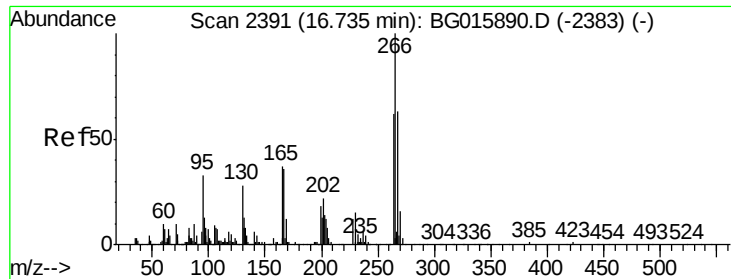
Tgt Ion:284 Resp: 468624
Ion Ratio Lower Upper
284 100
142 32.5 27.8 41.6
249 36.5 29.3 43.9



#68
Atrazine
Concen: 36.93 ng
RT: 16.55 min Scan# 2359
Delta R.T. -0.00 min
Lab File: BG015897.D
Acq: 20 Jan 2015 18:43

Tgt Ion:200 Resp: 407131
Ion Ratio Lower Upper
200 100
173 18.0 0.8 40.8
215 58.9 40.0 80.0





#69

Pentachlorophenol

Concen: 71.69 ng

RT: 16.73 min Scan# 2390

Delta R.T. -0.00 min

Lab File: BG015897.D

Acq: 20 Jan 2015 18:43

Instrument :

BNA_G

ClientSampleId :

PB81414BS

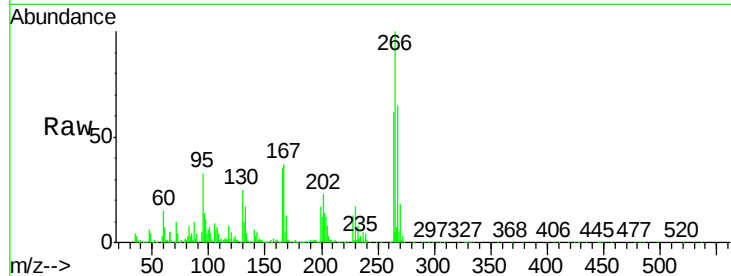
Tgt Ion:266 Resp: 486325

Ion Ratio Lower Upper

266 100

268 64.6 53.5 80.3

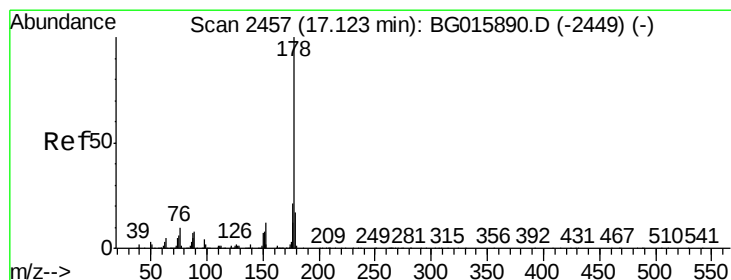
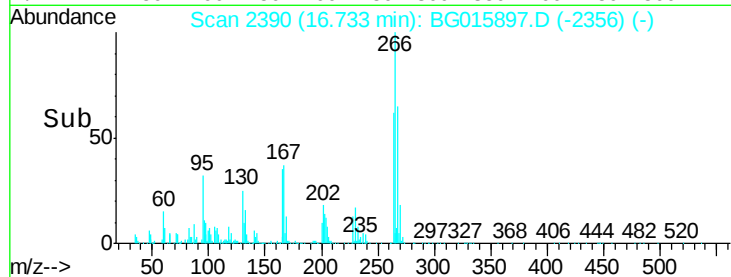
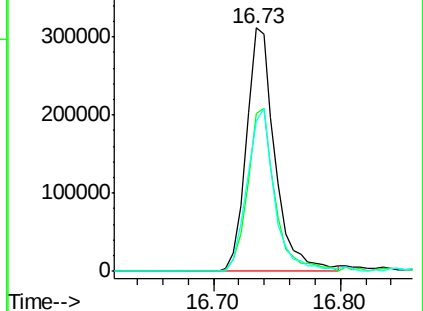
264 67.1 51.9 77.9



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: 36.90 ng

RT: 17.12 min Scan# 2456

Delta R.T. -0.00 min

Lab File: BG015897.D

Acq: 20 Jan 2015 18:43

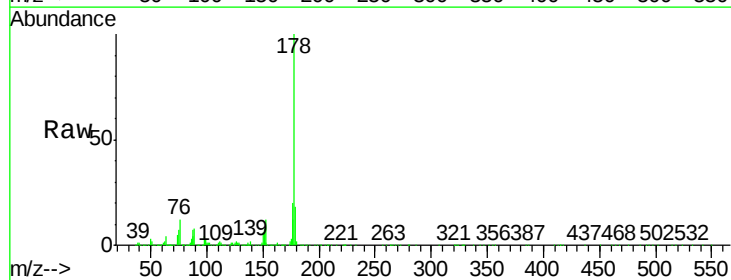
Tgt Ion:178 Resp: 1485951

Ion Ratio Lower Upper

178 100

176 19.7 16.9 25.3

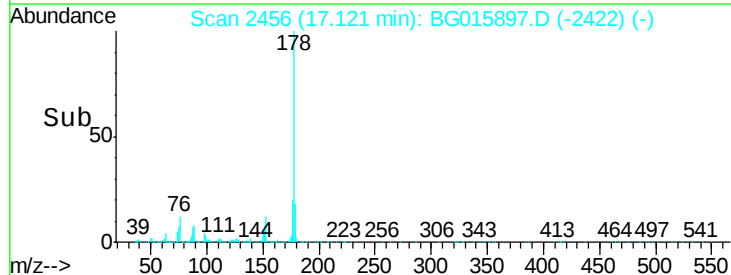
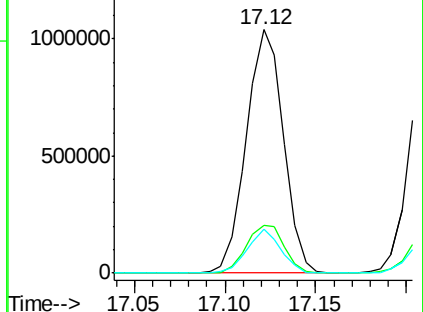
179 17.9 13.3 19.9

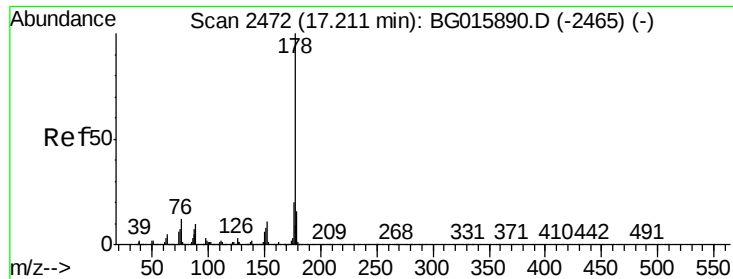


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 38.39 ng

RT: 17.22 min Scan# 2472

Delta R.T. 0.00 min

Lab File: BG015897.D

Acq: 20 Jan 2015 18:43

Instrument :

BNA_G

ClientSampleId :

PB81414BS

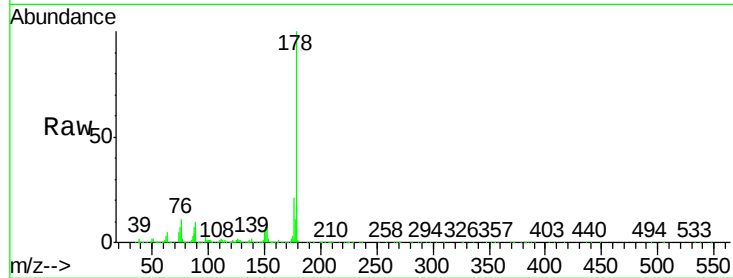
Tgt Ion:178 Resp: 1517050

Ion Ratio Lower Upper

178 100

176 20.9 15.7 23.5

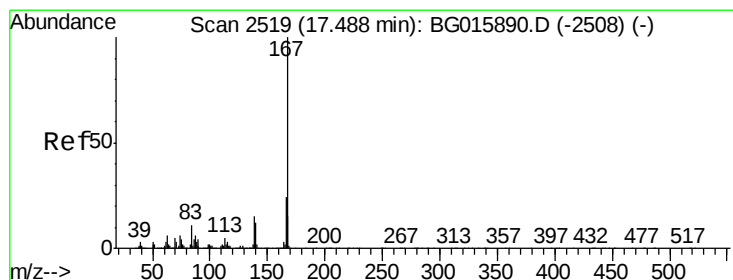
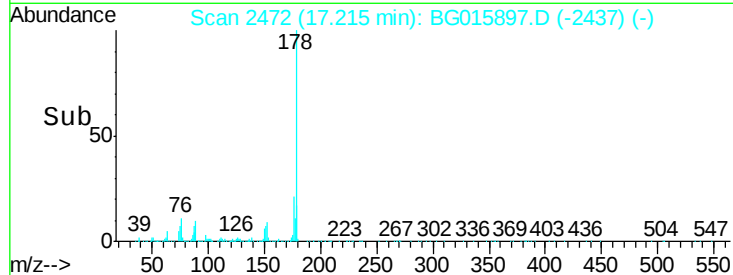
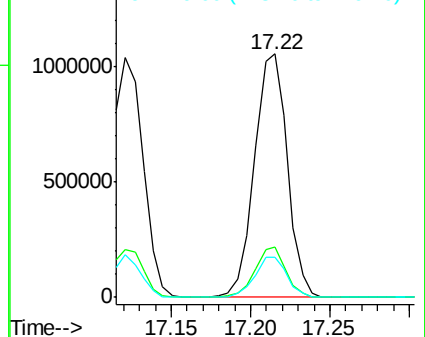
179 16.6 12.7 19.1



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



#72

Carbazole

Concen: 39.77 ng

RT: 17.49 min Scan# 2518

Delta R.T. -0.00 min

Lab File: BG015897.D

Acq: 20 Jan 2015 18:43

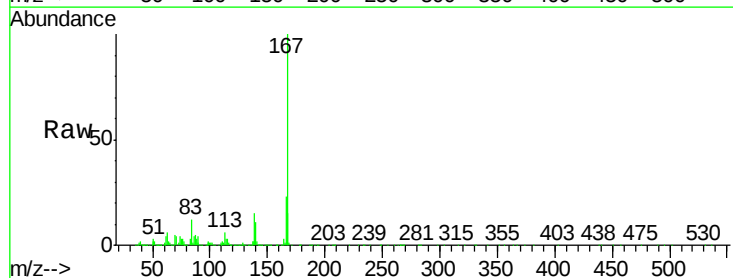
Tgt Ion:167 Resp: 1385522

Ion Ratio Lower Upper

167 100

166 22.9 19.4 29.2

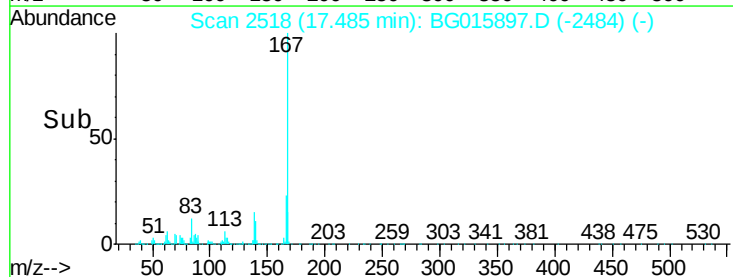
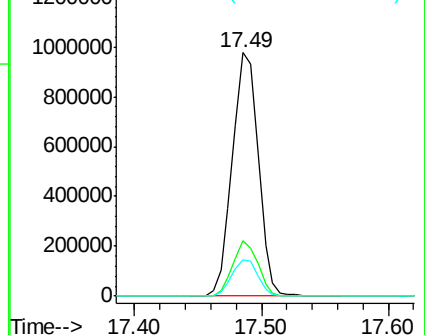
139 14.8 12.2 18.2

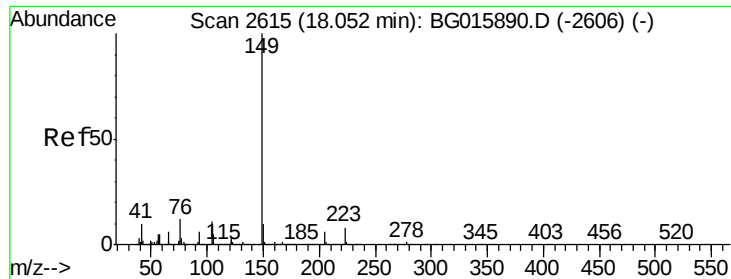


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

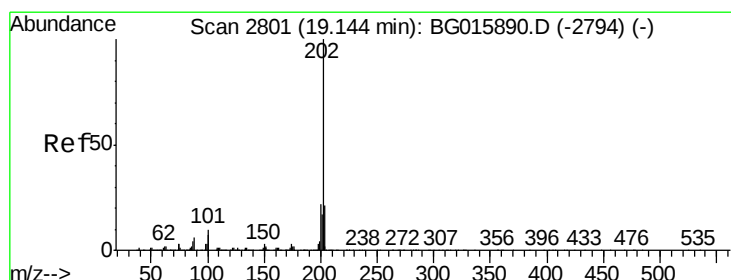
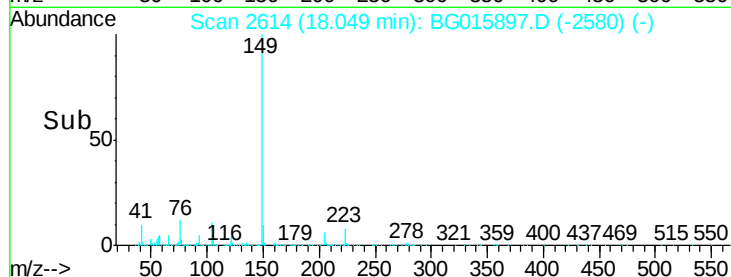
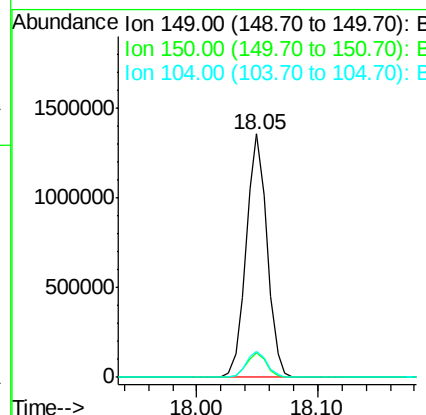
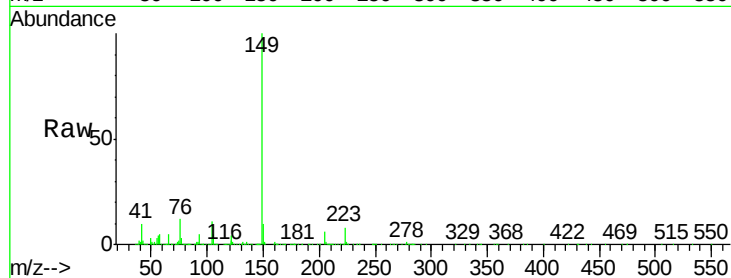




#73
Di-n-butylphthalate
Concen: 40.72 ng
RT: 18.05 min Scan# 2614
Delta R.T. -0.00 min
Lab File: BG015897.D
Acq: 20 Jan 2015 18:43

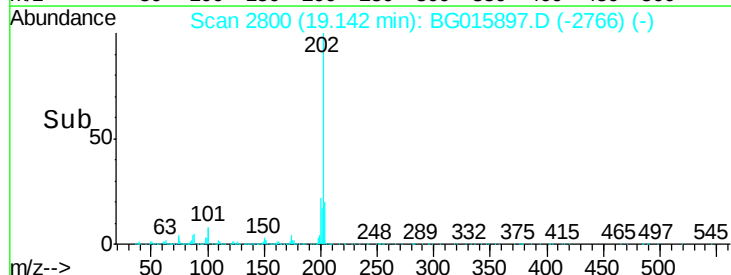
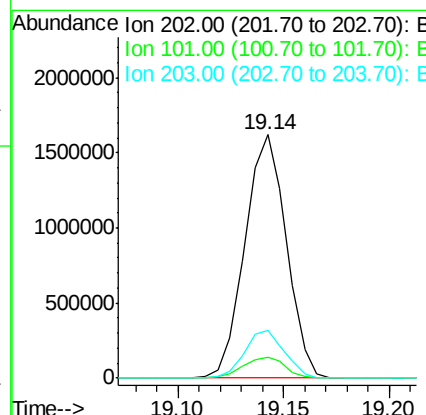
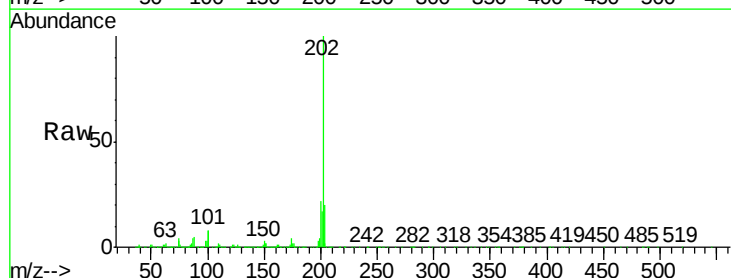
Instrument :
BNA_G
ClientSampleId :
PB81414BS

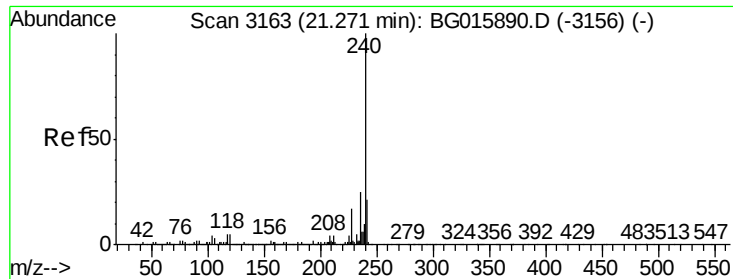
Tgt Ion:149 Resp: 1632831
Ion Ratio Lower Upper
149 100
150 10.2 8.2 12.4
104 10.6 8.9 13.3



#74
Fluoranthene
Concen: 40.87 ng
RT: 19.14 min Scan# 2800
Delta R.T. -0.00 min
Lab File: BG015897.D
Acq: 20 Jan 2015 18:43

Tgt Ion:202 Resp: 2197949
Ion Ratio Lower Upper
202 100
101 8.5 0.0 29.5
203 19.7 0.9 40.9

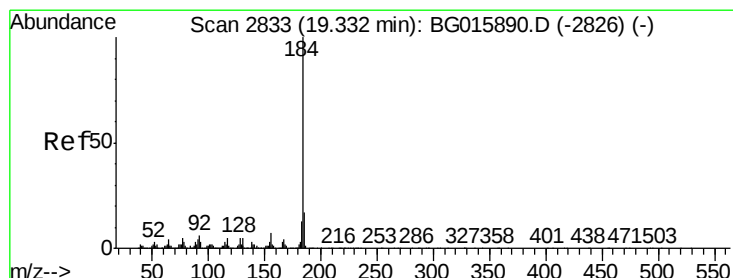
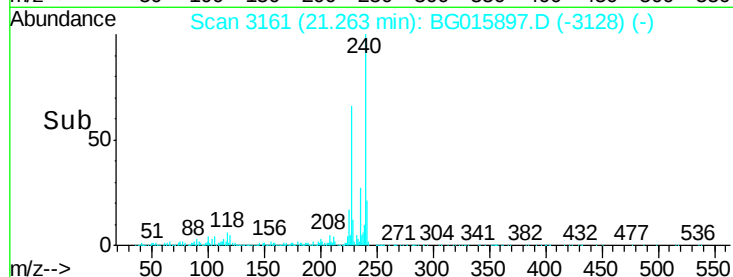
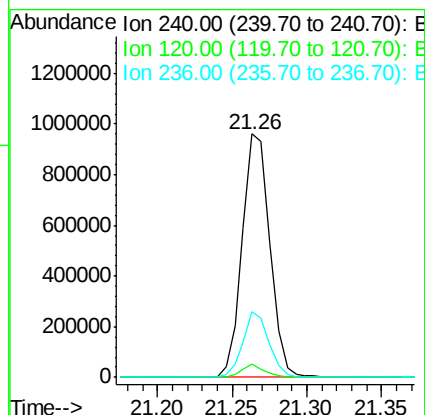
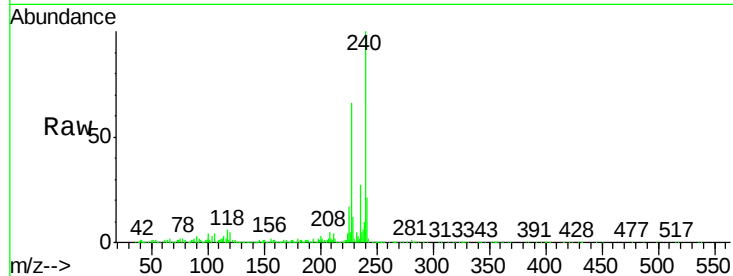




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.26 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG015897.D
Acq: 20 Jan 2015 18:43

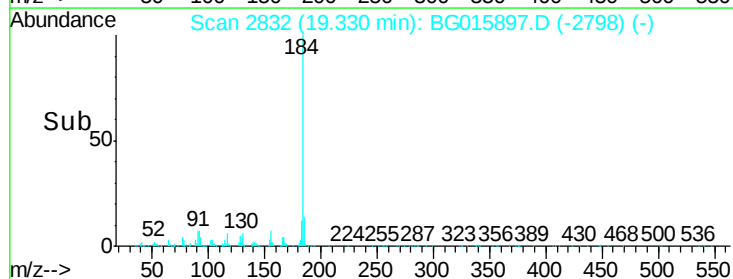
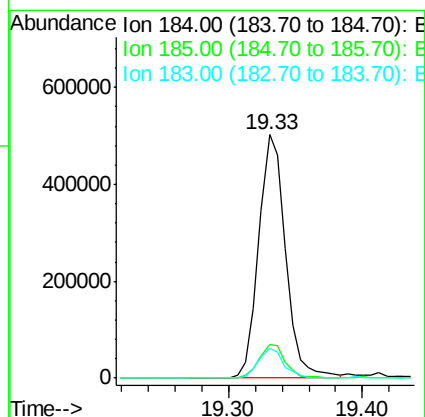
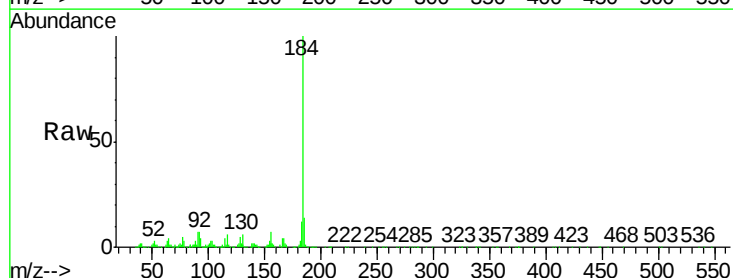
Instrument :
BNA_G
ClientSampleId :
PB81414BS

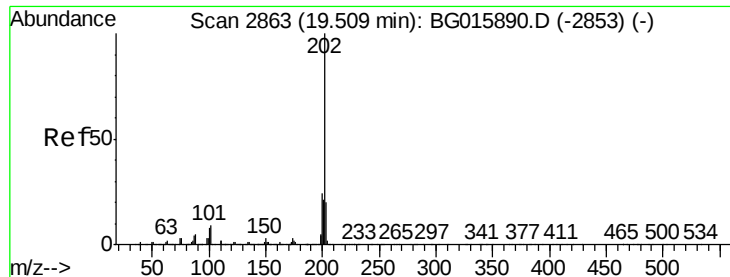
Tgt Ion:240 Resp: 1235181
Ion Ratio Lower Upper
240 100
120 5.2 3.9 5.9
236 27.2 20.0 30.0



#76
Benzidine
Concen: 23.83 ng
RT: 19.33 min Scan# 2832
Delta R.T. -0.00 min
Lab File: BG015897.D
Acq: 20 Jan 2015 18:43

Tgt Ion:184 Resp: 693591
Ion Ratio Lower Upper
184 100
185 14.1 13.3 19.9
183 12.0 10.1 15.1

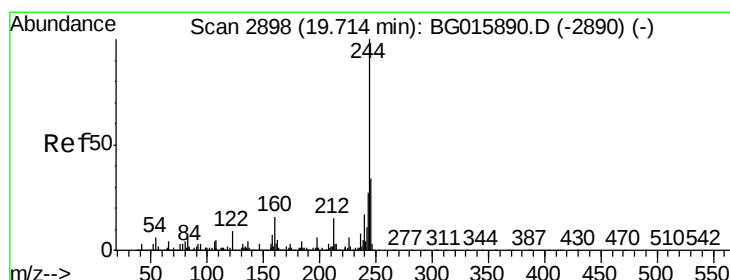
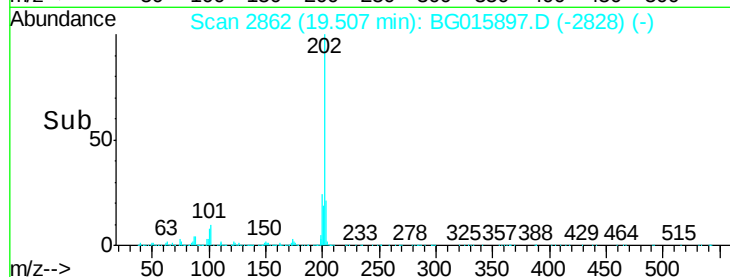
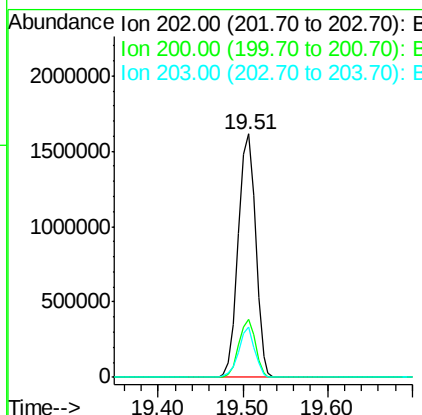
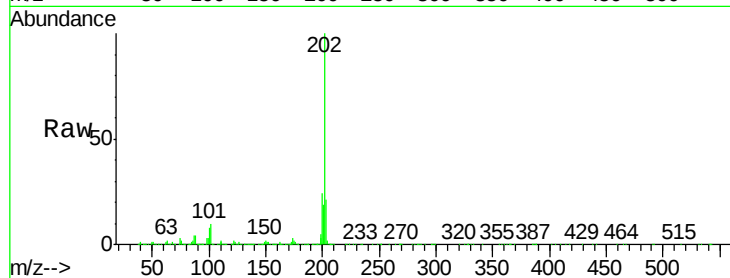




#77
Pyrene
Concen: 38.74 ng
RT: 19.51 min Scan# 2862
Delta R.T. -0.00 min
Lab File: BG015897.D
Acq: 20 Jan 2015 18:43

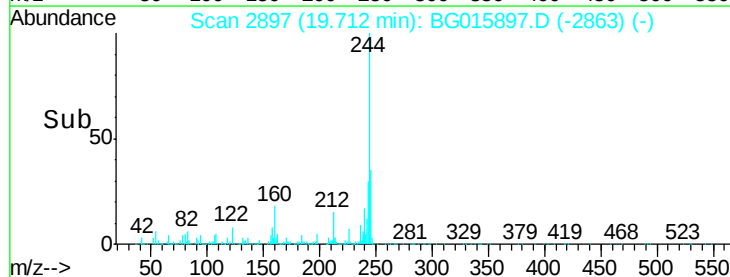
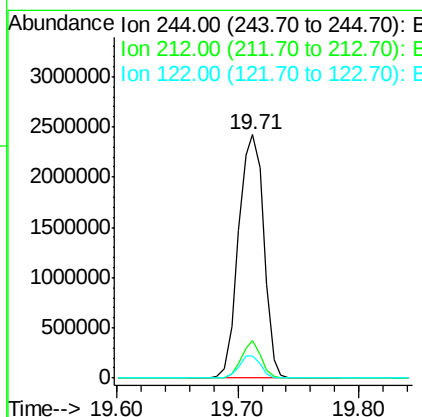
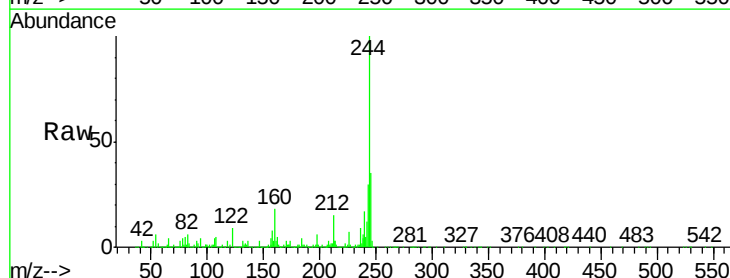
Instrument :
BNA_G
ClientSampleId :
PB81414BS

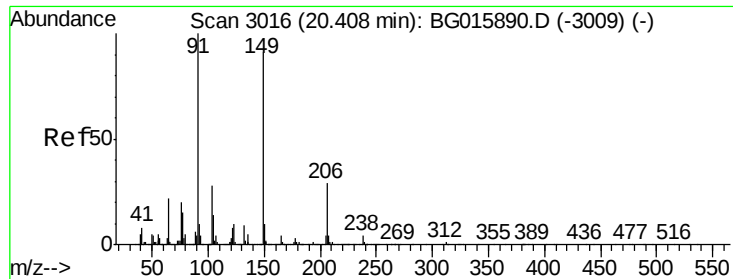
Tgt Ion:202 Resp: 2273943
Ion Ratio Lower Upper
202 100
200 23.6 19.3 28.9
203 20.7 15.9 23.9



#78
Terphenyl-d14
Concen: 79.35 ng
RT: 19.71 min Scan# 2897
Delta R.T. -0.00 min
Lab File: BG015897.D
Acq: 20 Jan 2015 18:43

Tgt Ion:244 Resp: 3527389
Ion Ratio Lower Upper
244 100
212 15.3 11.6 17.4
122 9.1 7.0 10.4





#79

Butylbenzylphthalate

Concen: 39.49 ng

RT: 20.41 min Scan# 3015

Delta R.T. -0.00 min

Lab File: BG015897.D

Acq: 20 Jan 2015 18:43

Instrument :

BNA_G

ClientSampleId :

PB81414BS

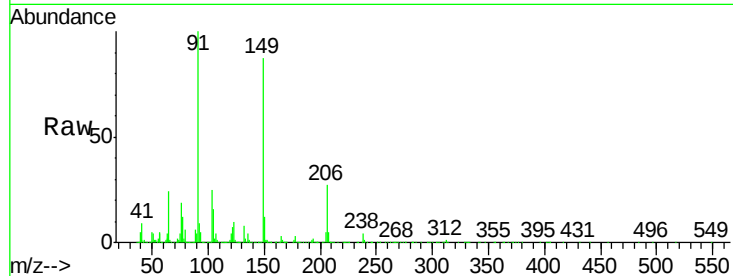
Tgt Ion:149 Resp: 849788

Ion Ratio Lower Upper

149 100

91 114.6 88.4 132.6

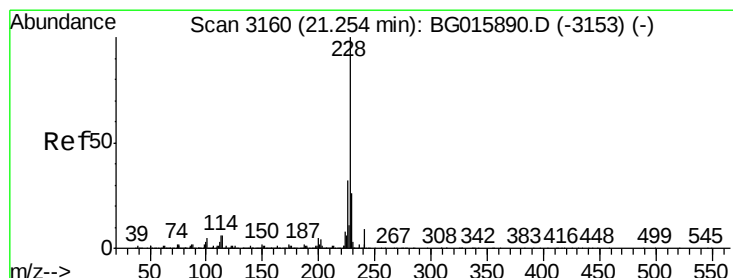
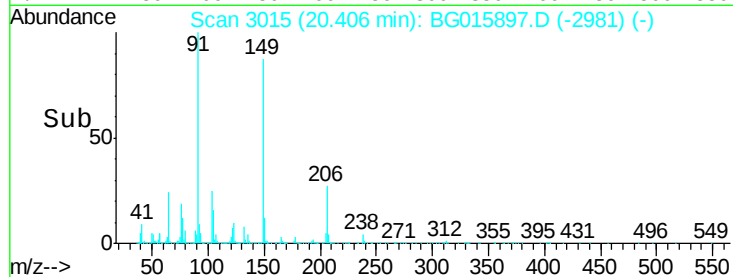
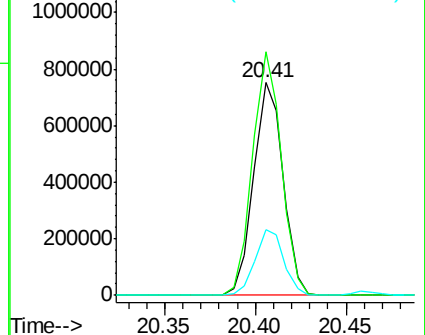
206 31.0 25.3 37.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.96 ng

RT: 21.25 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG015897.D

Acq: 20 Jan 2015 18:43

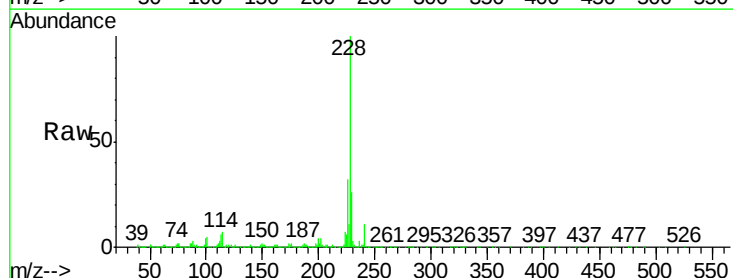
Tgt Ion:228 Resp: 2475049

Ion Ratio Lower Upper

228 100

226 32.4 25.4 38.0

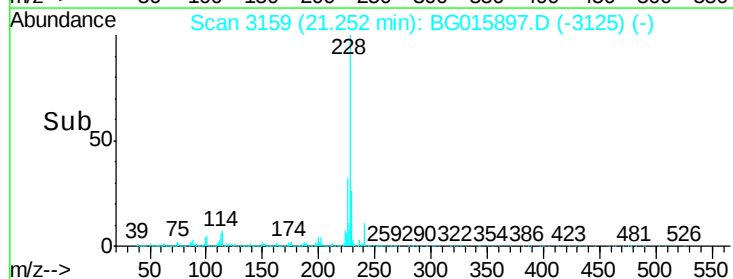
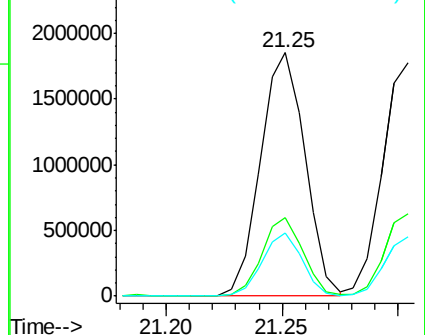
229 25.8 21.2 31.8

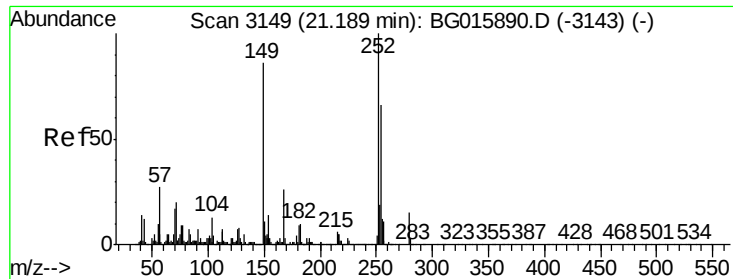


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

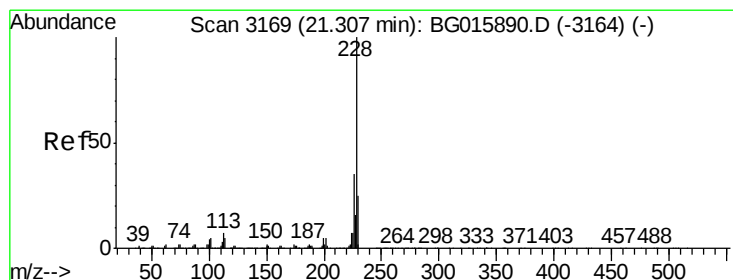
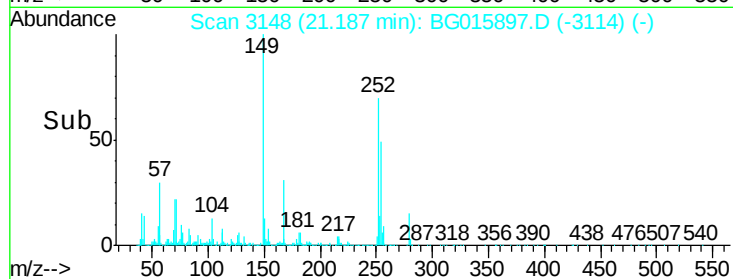
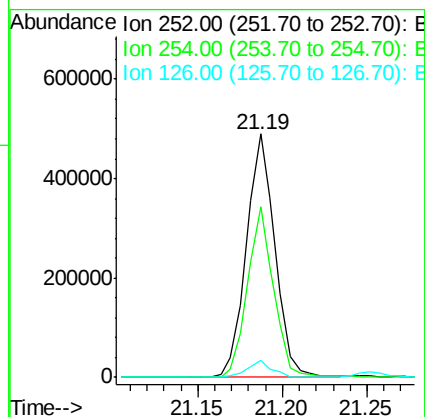
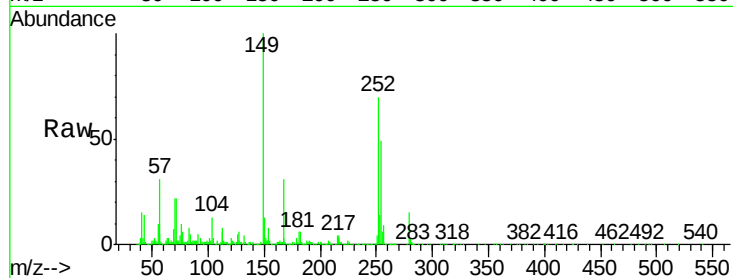




#81
 3,3'-Dichlorobenzidine
 Concen: 21.00 ng
 RT: 21.19 min Scan# 3148
 Delta R.T. -0.00 min
 Lab File: BG015897.D
 Acq: 20 Jan 2015 18:43

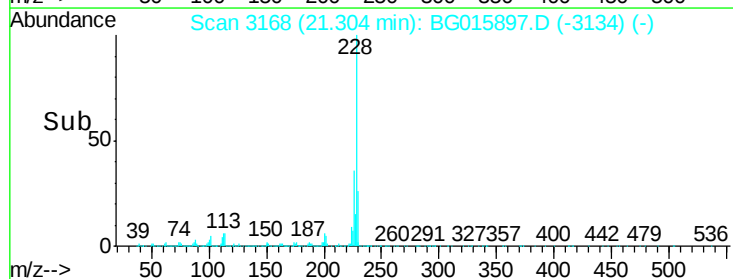
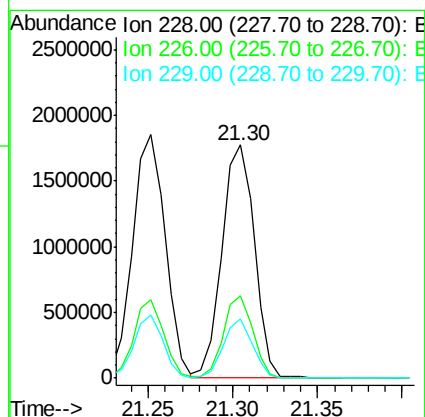
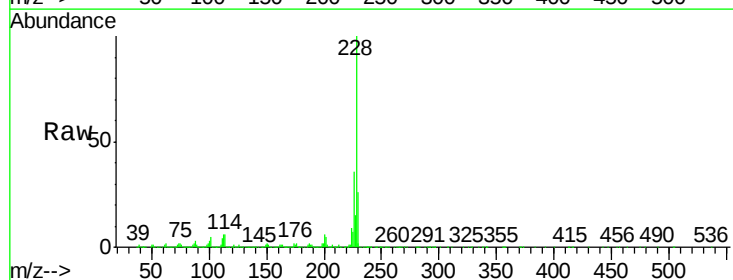
Instrument :
 BNA_G
 ClientSampleId :
 PB81414BS

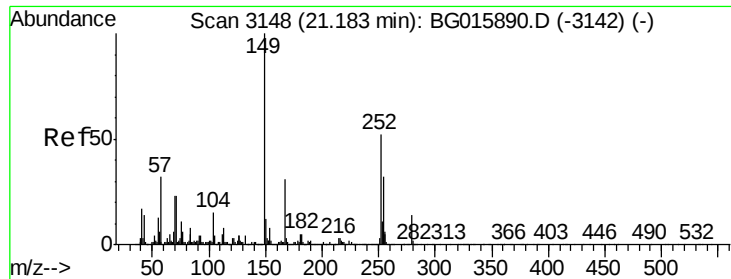
Tgt Ion:252 Resp: 579646
 Ion Ratio Lower Upper
 252 100
 254 69.9 52.9 79.3
 126 7.0 5.8 8.6



#82
 Chrysene
 Concen: 38.29 ng
 RT: 21.30 min Scan# 3168
 Delta R.T. -0.00 min
 Lab File: BG015897.D
 Acq: 20 Jan 2015 18:43

Tgt Ion:228 Resp: 2364520
 Ion Ratio Lower Upper
 228 100
 226 35.6 28.1 42.1
 229 25.6 19.8 29.6

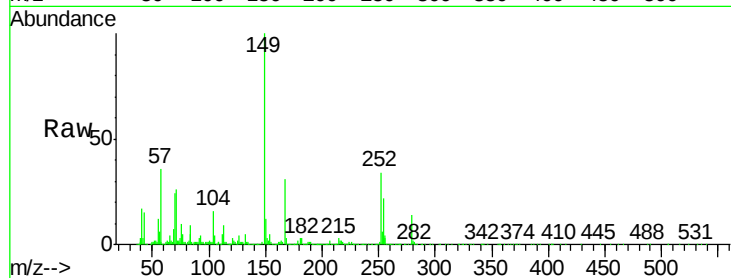




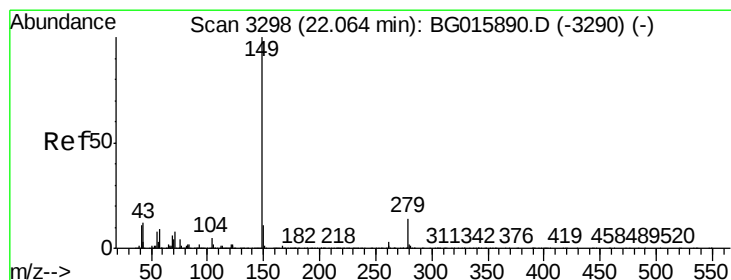
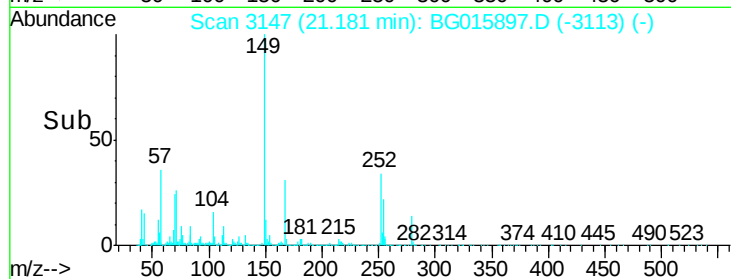
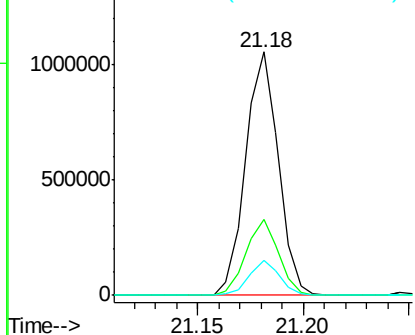
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.14 ng
 RT: 21.18 min Scan# 3147
 Delta R.T. -0.00 min
 Lab File: BG015897.D
 Acq: 20 Jan 2015 18:43

Instrument :
 BNA_G
 ClientSampled :
 PB81414BS

Tgt Ion:149 Resp: 1132585
 Ion Ratio Lower Upper
 149 100
 167 31.2 25.1 37.7
 279 14.4 11.2 16.8

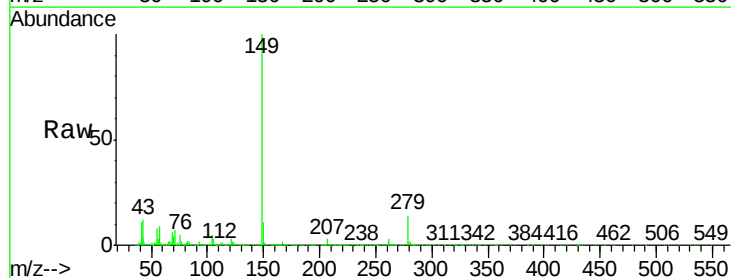


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

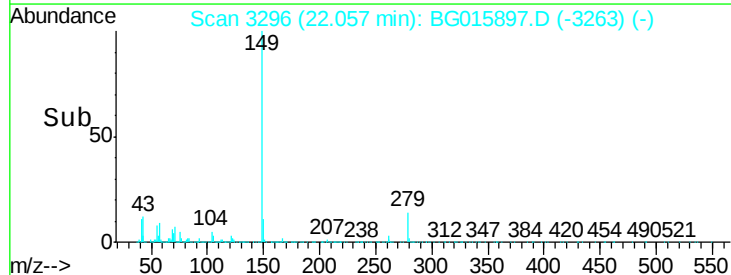
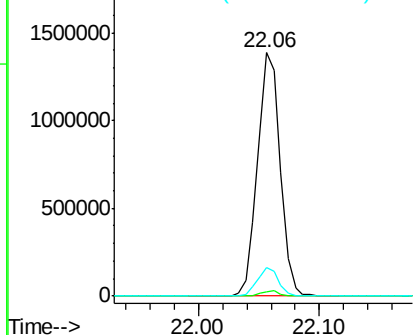


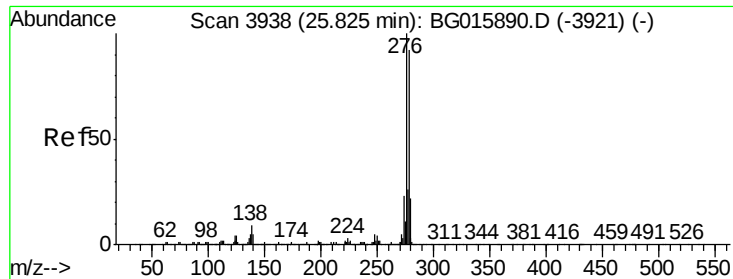
#84
 Di-n-octyl phthalate
 Concen: 40.63 ng
 RT: 22.06 min Scan# 3296
 Delta R.T. -0.01 min
 Lab File: BG015897.D
 Acq: 20 Jan 2015 18:43

Tgt Ion:149 Resp: 1818890
 Ion Ratio Lower Upper
 149 100
 167 2.0 1.4 2.0
 43 11.0 9.2 13.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.67 ng

RT: 25.82 min Scan# 3936

Delta R.T. -0.01 min

Lab File: BG015897.D

Acq: 20 Jan 2015 18:43

Instrument :

BNA_G

ClientSampleId :

PB81414BS

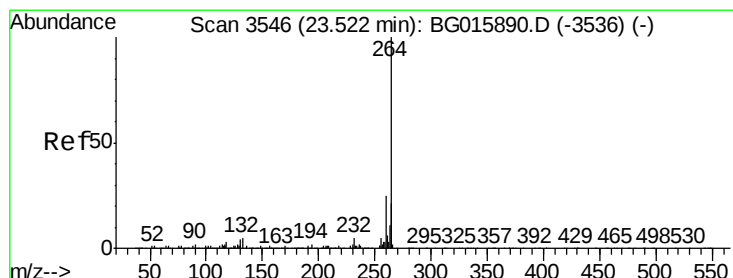
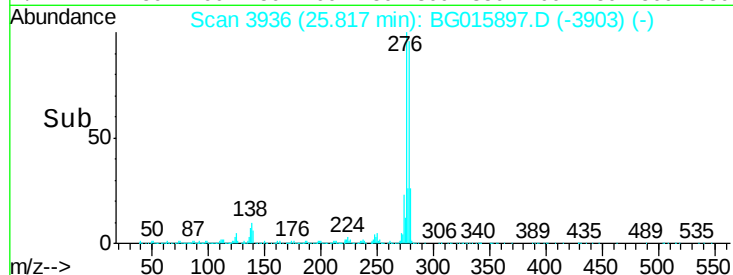
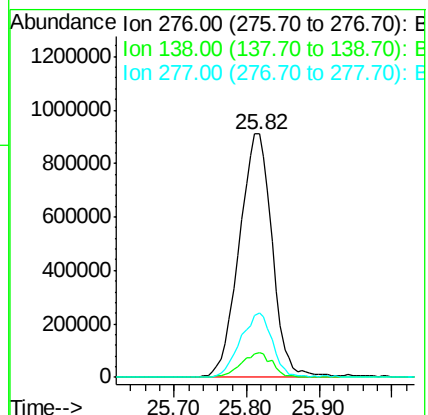
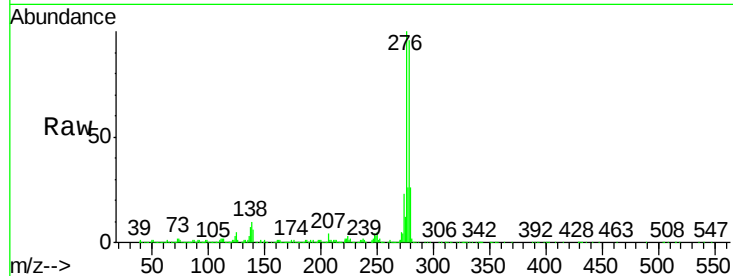
Tgt Ion:276 Resp: 2872928

Ion Ratio Lower Upper

276 100

138 9.4 6.9 10.3

277 25.5 20.7 31.1



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.52 min Scan# 3545

Delta R.T. -0.00 min

Lab File: BG015897.D

Acq: 20 Jan 2015 18:43

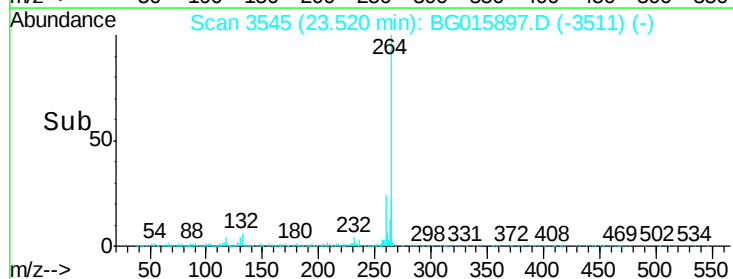
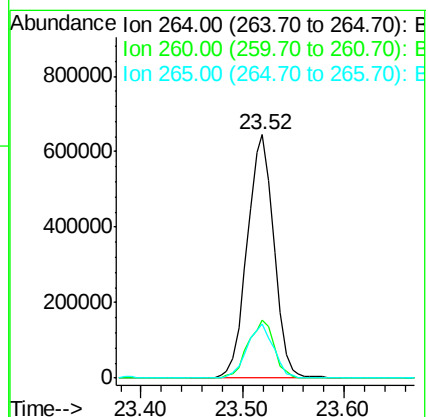
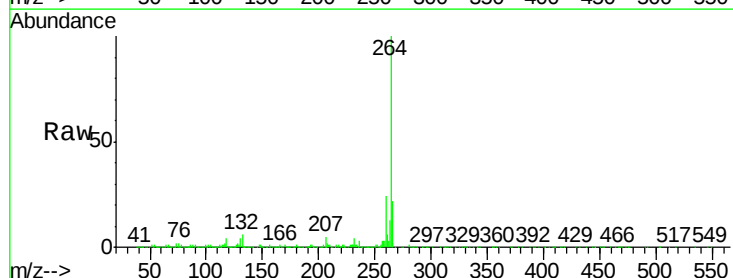
Tgt Ion:264 Resp: 1180083

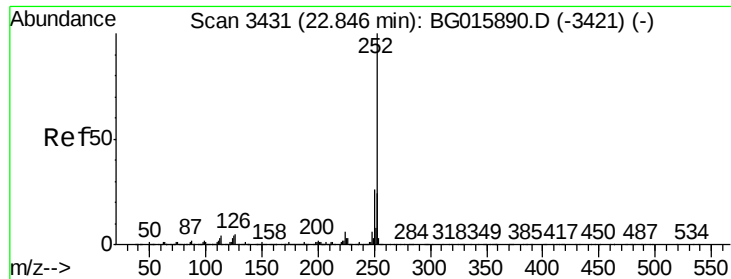
Ion Ratio Lower Upper

264 100

260 23.6 19.7 29.5

265 22.3 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 39.24 ng

RT: 22.84 min Scan# 3429

Delta R.T. -0.01 min

Lab File: BG015897.D

Acq: 20 Jan 2015 18:43

Instrument :

BNA_G

ClientSampleId :

PB81414BS

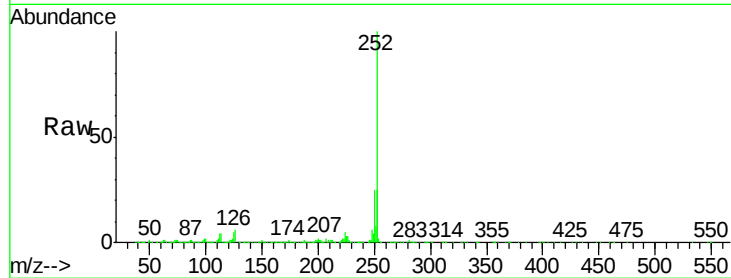
Tgt Ion:252 Resp: 2643145

Ion Ratio Lower Upper

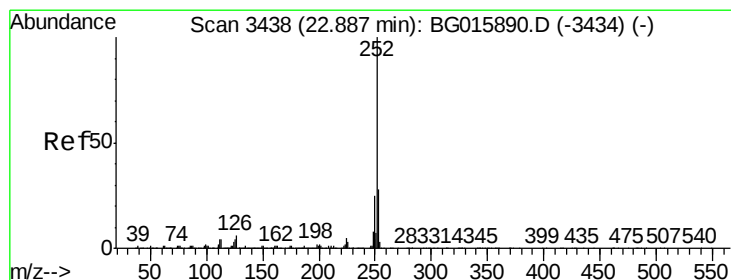
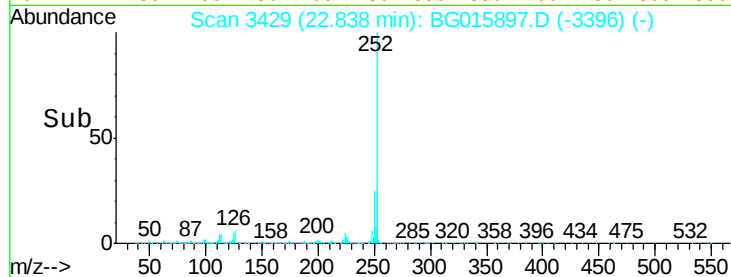
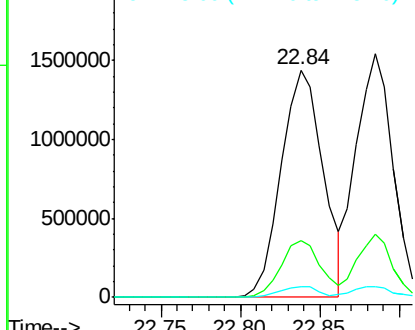
252 100

253 25.0 19.4 29.0

125 4.5 2.9 4.3#



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: 38.08 ng

RT: 22.88 min Scan# 3437

Delta R.T. -0.00 min

Lab File: BG015897.D

Acq: 20 Jan 2015 18:43

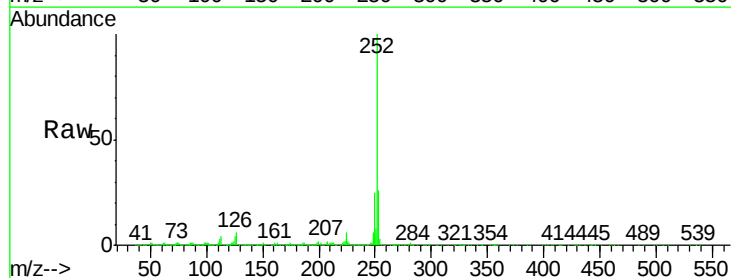
Tgt Ion:252 Resp: 2482680

Ion Ratio Lower Upper

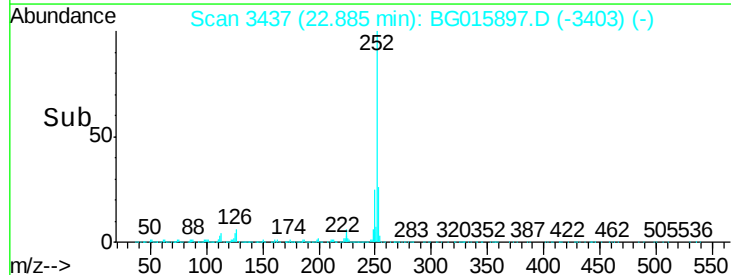
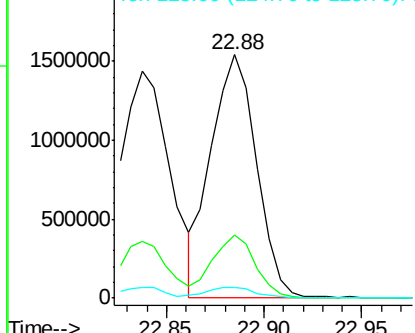
252 100

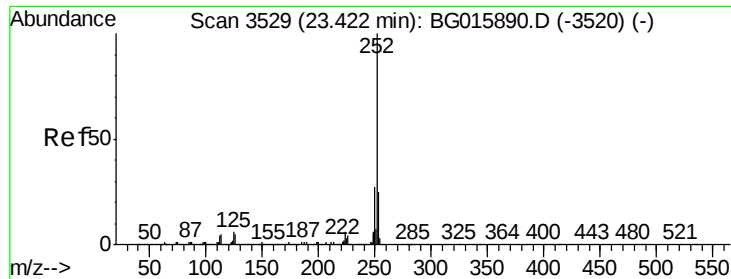
253 25.8 21.3 31.9

125 4.4 3.4 5.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.61 ng

RT: 23.42 min Scan# 3528

Delta R.T. -0.00 min

Lab File: BG015897.D

Acq: 20 Jan 2015 18:43

Instrument :

BNA_G

ClientSampleId :

PB81414BS

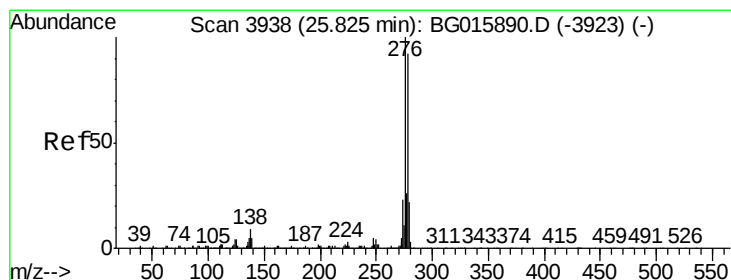
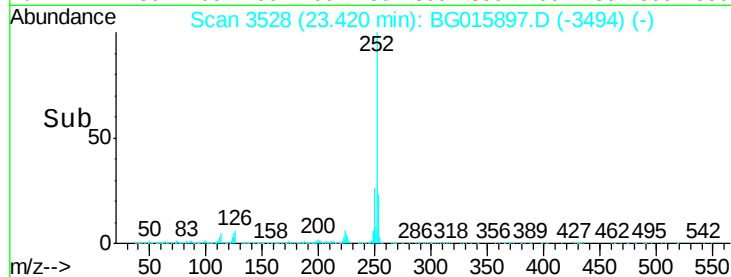
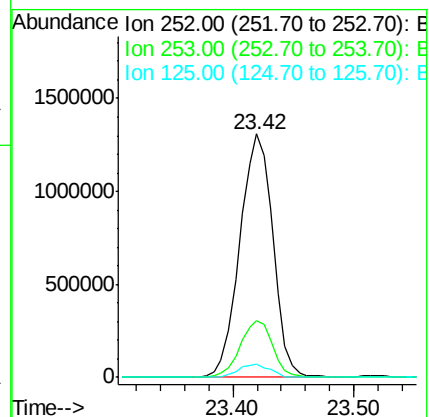
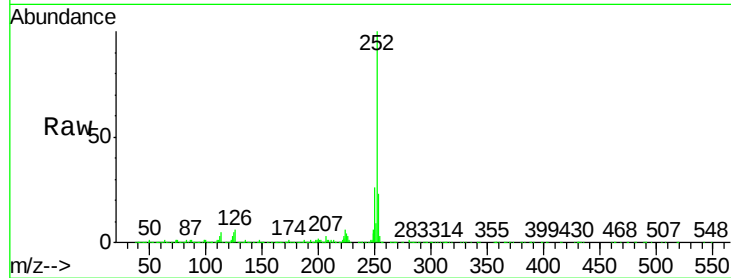
Tgt Ion:252 Resp: 2502455

Ion Ratio Lower Upper

252 100

253 23.1 19.9 29.9

125 5.2 4.5 6.7



#90

Dibenzo(a,h)anthracene

Concen: 39.59 ng

RT: 25.82 min Scan# 3937

Delta R.T. -0.00 min

Lab File: BG015897.D

Acq: 20 Jan 2015 18:43

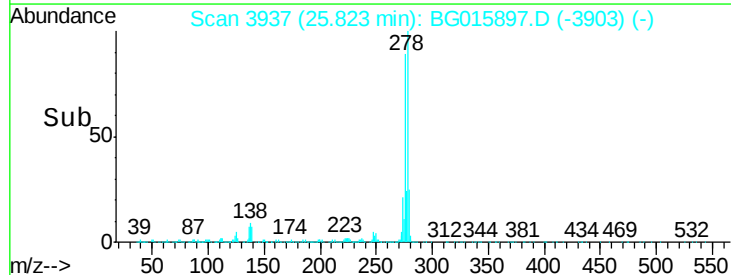
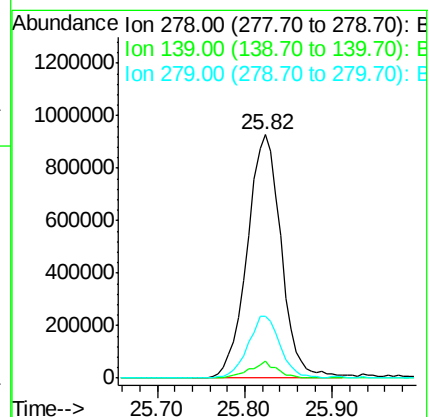
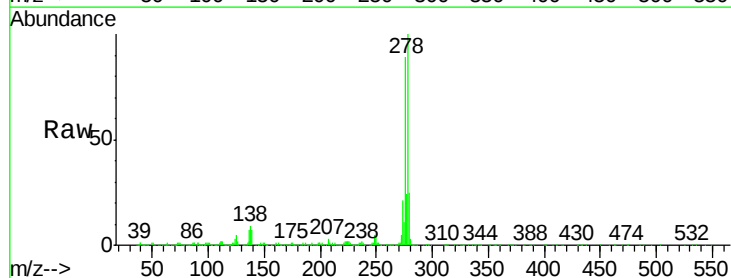
Tgt Ion:278 Resp: 2435768

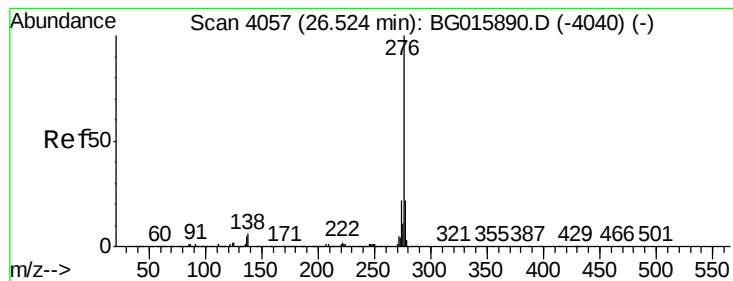
Ion Ratio Lower Upper

278 100

139 7.2 4.3 6.5#

279 25.4 19.4 29.0





#91

Benzo(g,h,i)perylene

Concen: 39.43 ng

RT: 26.52 min Scan# 4055

Delta R.T. -0.01 min

Lab File: BG015897.D

Acq: 20 Jan 2015 18:43

Instrument :

BNA_G

ClientSampleId :

PB81414BS

Tgt Ion:276 Resp: 2367090

Ion Ratio Lower Upper

276 100

277 24.6 17.2 25.8

138 7.0 5.0 7.6

