

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015968.D
 Acq On : 28 Jan 2015 4:54
 Operator : TP/IZ
 Sample : G1139-12MSD
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 121B4MSD

Quant Time: Jan 28 06:14:58 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 28 01:36:36 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	103242	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	414462	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	342854	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	933601	20.00	ng	0.00
75) Chrysene-d12	21.27	240	1325292	20.00	ng	0.00
86) Perylene-d12	23.52	264	1307981	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	328671	47.41	ng	0.00
7) Phenol-d6	6.87	99	355670	31.84	ng	0.00
23) Nitrobenzene-d5	8.84	82	804848	55.98	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	627217	99.93	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1641075	75.10	ng	0.00
78) Terphenyl-d14	19.71	244	2822796	53.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.19	88	44472	12.46	ng	# 93
3) Pyridine	3.58	79	130213	10.82	ng	96
4) n-Nitrosodimethylamine	3.50	42	52081	11.20	ng	# 99
6) Aniline	7.02	93	216290	13.44	ng	92
8) 2-Chlorophenol	7.25	128	158989	23.90	ng	# 78
9) Benzaldehyde	6.83	77	62876	6.18	ng	# 75
10) Phenol	6.89	94	145843	11.45	ng	96
11) bis(2-Chloroethyl)ether	7.12	93	268329	27.27	ng	96
12) 1,3-Dichlorobenzene	7.57	146	231828	29.45	ng	93
13) 1,4-Dichlorobenzene	7.72	146	231108	28.43	ng	94
14) 1,2-Dichlorobenzene	8.03	146	416096	52.24	ng	91
15) Benzyl Alcohol	7.93	79	248493	20.33	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.22	45	180296	22.67	ng	90
17) 2-Methylphenol	8.14	107	160637	20.36	ng	93
18) Hexachloroethane	8.75	117	118921	28.46	ng	# 87
19) n-Nitroso-di-n-propylamine	8.49	70	263616	23.65	ng	93
20) 3+4-Methylphenols	8.46	107	203979	19.72	ng	85
22) Acetophenone	8.50	105	434555	31.29	ng	98
24) Nitrobenzene	8.88	77	414956	27.44	ng	94
25) Isophorone	9.40	82	712255	28.02	ng	# 93
26) 2-Nitrophenol	9.59	139	103313	27.59	ng	# 75
27) 2,4-Dimethylphenol	9.66	122	188646	26.32	ng	97
28) bis(2-Chloroethoxy)methane	9.89	93	341177	27.72	ng	# 98
29) 2,4-Dichlorophenol	10.13	162	233249	31.17	ng	93
30) 1,2,4-Trichlorobenzene	10.34	180	585432	64.51	ng	98
31) Naphthalene	10.52	128	1139627	53.72	ng	96
32) Benzoic acid	9.66	122	185656	63.22	ng	# 12
33) 4-Chloroaniline	10.64	127	97150	9.82	ng	93
34) Hexachlorobutadiene	10.80	225	292477	32.95	ng	96
35) Caprolactam	11.41	113	20204	5.49	ng	84
36) 4-Chloro-3-methylphenol	11.78	107	290067	26.35	ng	96
37) 2-Methylnaphthalene	12.14	142	765200	45.42	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.52	216	473108	36.19	ng	97
40) Hexachlorocyclopentadiene	12.49	237	562380	57.08	ng	90

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015968.D
 Acq On : 28 Jan 2015 4:54
 Operator : TP/IZ
 Sample : G1139-12MSD
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

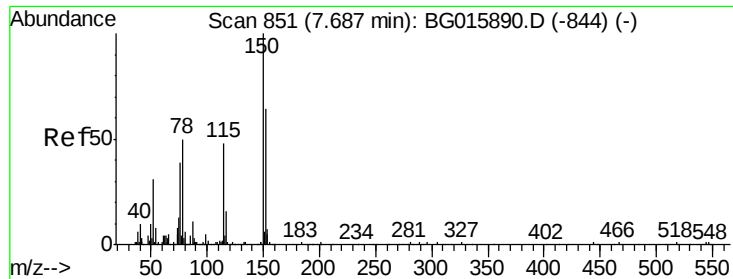
Instrument :
 BNA_G
 ClientSampleId :
 121B4MSD

Quant Time: Jan 28 06:14:58 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 28 01:36:36 2015
 Response via : Initial Calibration

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

42) 2,4,6-Trichlorophenol	12.76	196	257989	33.68	ng	94
43) 2,4,5-Trichlorophenol	12.83	196	280617	32.41	ng	# 90
45) 1,1'-Biphenyl	13.16	154	812954	37.57	ng	95
46) 2-Chloronaphthalene	13.20	162	671258	36.73	ng	91
47) 2-Nitroaniline	13.42	65	279233	29.95	ng	# 86
48) Acenaphthylene	14.05	152	990364	35.69	ng	96
49) Dimethylphthalate	13.80	163	893722	36.23	ng	98
50) 2,6-Dinitrotoluene	13.92	165	199858	35.88	ng	94
51) Acenaphthene	14.40	154	649420	37.25	ng	99
52) 3-Nitroaniline	14.24	138	117825	22.49	ng	90
53) 2,4-Dinitrophenol	14.46	184	146741	44.01	ng	# 78
54) Dibenzofuran	14.73	168	1073739	37.33	ng	93
55) 4-Nitrophenol	14.57	139	105435	29.24	ng	# 86
56) 2,4-Dinitrotoluene	14.71	165	294676	36.16	ng	# 83
57) Fluorene	15.38	166	998421	38.48	ng	95
58) 2,3,4,6-Tetrachlorophenol	14.96	232	323083	33.70	ng	# 94
59) Diethylphthalate	15.16	149	913173	36.25	ng	98
60) 4-Chlorophenyl-phenylether	15.38	204	624030	36.16	ng	97
61) 4-Nitroaniline	15.41	138	182506	32.84	ng	# 73
62) Azobenzene	15.67	77	1285208	31.51	ng	95
64) 4,6-Dinitro-2-methylphenol	15.47	198	180157	26.74	ng	91
65) n-Nitrosodiphenylamine	15.60	169	872010	32.74	ng	91
66) 4-Bromophenyl-phenylether	16.27	248	462907	33.96	ng	98
67) Hexachlorobenzene	16.39	284	506766	34.39	ng	96
68) Atrazine	16.55	200	407171	31.76	ng	98
69) Pentachlorophenol	16.74	266	388211	54.16	ng	95
70) Phenanthrene	17.12	178	1628705	34.77	ng	99
71) Anthracene	17.21	178	1497765	32.59	ng	97
72) Carbazole	17.49	167	1371580	33.85	ng	96
73) Di-n-butylphthalate	18.05	149	1524829	32.70	ng	98
74) Fluoranthene	19.15	202	1965343	31.42	ng	96
76) Benzidine	19.33	184	485241	16.23	ng	97
77) Pyrene	19.51	202	2033986	32.30	ng	98
79) Butylbenzylphthalate	20.41	149	719496	31.16	ng	97
80) Benzo(a)anthracene	21.25	228	2312623	31.92	ng	97
81) 3,3'-Dichlorobenzidine	21.19	252	583398	19.70	ng	98
82) Chrysene	21.31	228	2190985	31.89	ng	100
83) Bis(2-ethylhexyl)phthalate	21.18	149	1118596	36.03	ng	95
84) Di-n-octyl phthalate	22.07	149	1647217	34.29	ng	95
85) Indeno(1,2,3-cd)pyrene	25.83	276	2745592	35.33	ng	98
87) Benzo(b)fluoranthene	22.89	252	2305097	30.87	ng	99
88) Benzo(k)fluoranthene	22.89	252	2305097	31.89	ng	96
89) Benzo(a)pyrene	23.43	252	2372291	33.02	ng	# 98
90) Dibenzo(a,h)anthracene	25.83	278	2383821	34.96	ng	96
91) Benzo(g,h,i)perylene	26.53	276	2334295	35.08	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.69 min Scan# 851

Delta R.T. 0.00 min

Lab File: BG015968.D

Acq: 28 Jan 2015 4:54

Instrument :

BNA_G

ClientSampleId :

121B4MSD

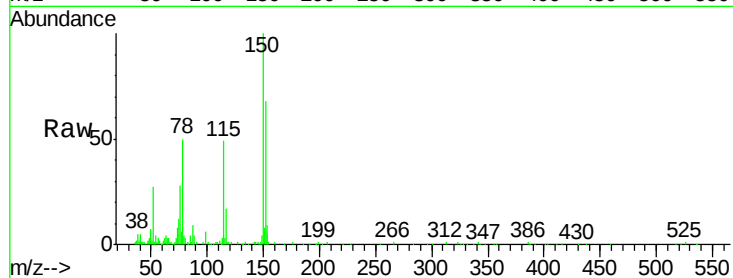
Tgt Ion:152 Resp: 103242

Ion Ratio Lower Upper

152 100

150 147.0 124.5 186.7

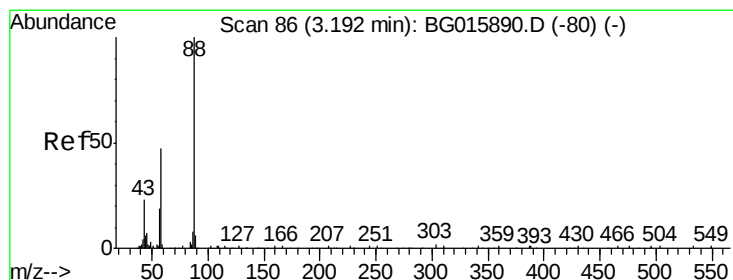
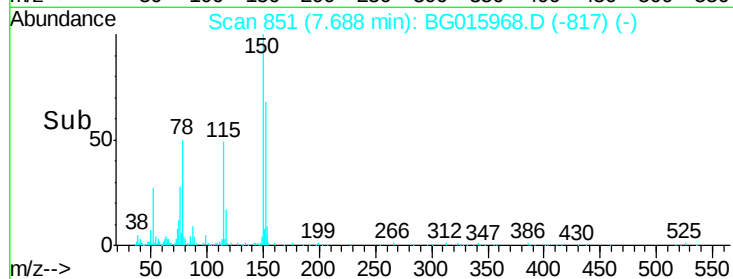
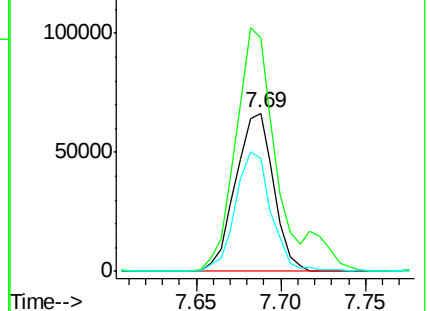
115 71.4 60.4 90.6



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: 12.46 ng

RT: 3.19 min Scan# 86

Delta R.T. -0.01 min

Lab File: BG015968.D

Acq: 28 Jan 2015 4:54

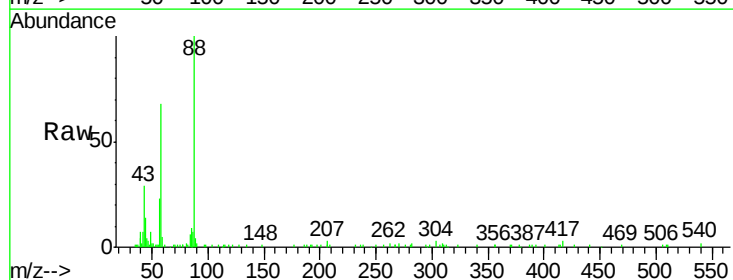
Tgt Ion: 88 Resp: 44472

Ion Ratio Lower Upper

88 100

58 54.4 40.4 60.6

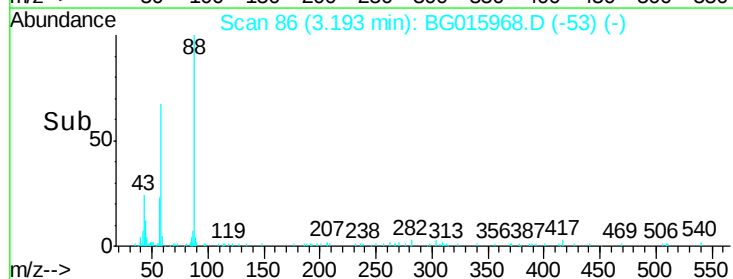
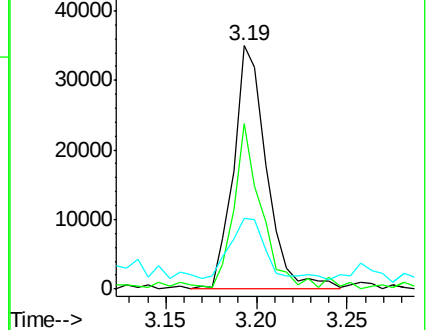
43 29.5 19.2 28.8#

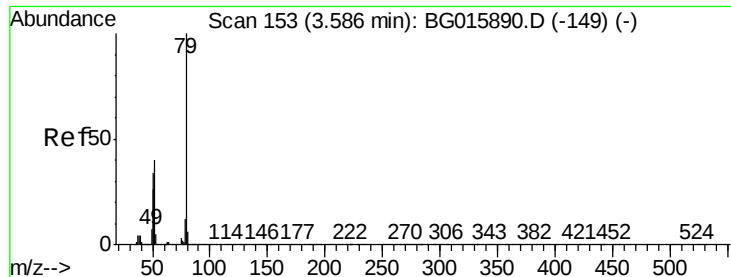


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 10.82 ng

RT: 3.58 min Scan# 152

Delta R.T. -0.01 min

Lab File: BG015968.D

Acq: 28 Jan 2015 4:54

Instrument :

BNA_G

ClientSampled :

121B4MSD

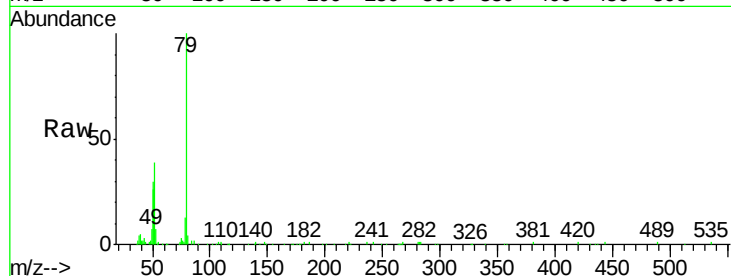
Tgt Ion: 79 Resp: 130213

Ion Ratio Lower Upper

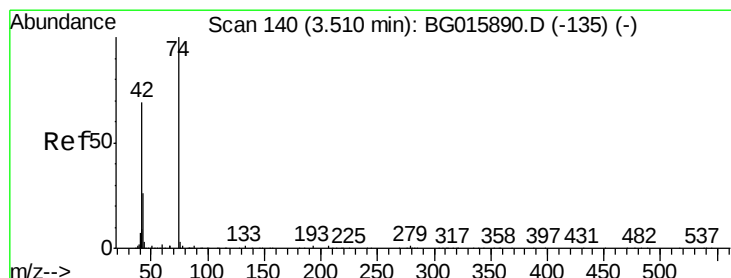
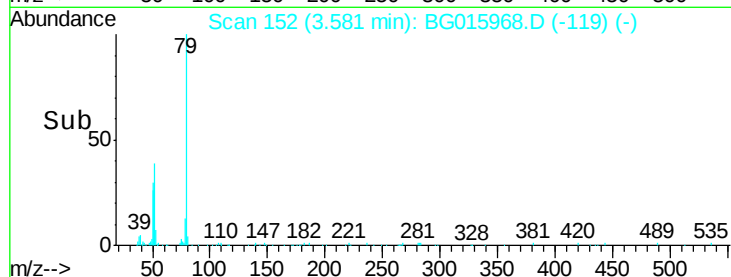
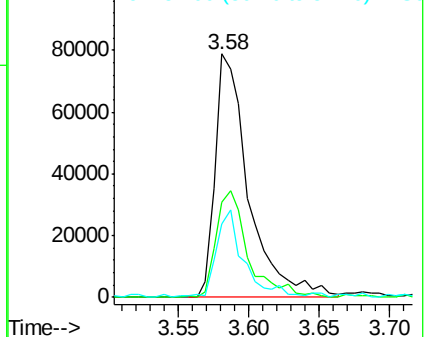
79 100

52 39.3 31.8 47.6

51 30.0 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: 11.20 ng

RT: 3.50 min Scan# 139

Delta R.T. -0.01 min

Lab File: BG015968.D

Acq: 28 Jan 2015 4:54

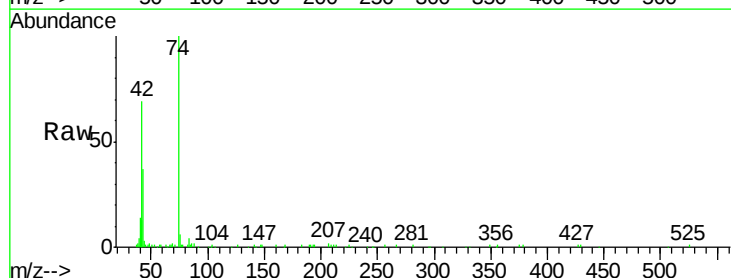
Tgt Ion: 42 Resp: 52081

Ion Ratio Lower Upper

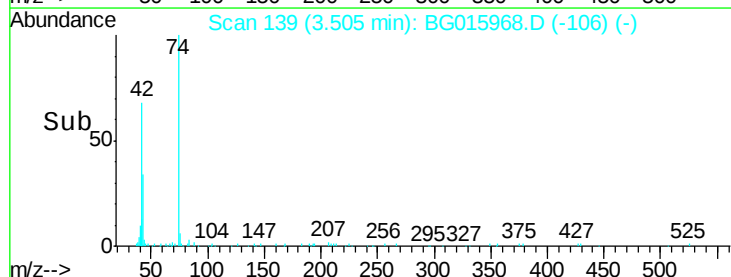
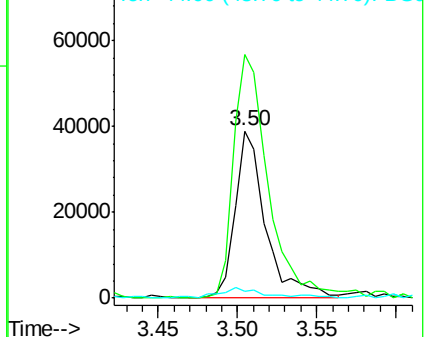
42 100

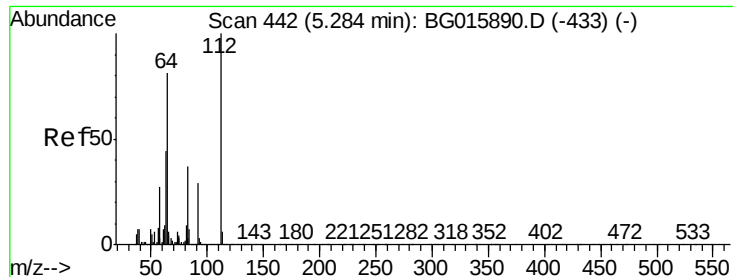
74 145.8 116.0 174.0

44 3.8 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: 47.41 ng

RT: 5.28 min Scan# 442

Delta R.T. 0.01 min

Lab File: BG015968.D

Acq: 28 Jan 2015 4:54

Instrument :

BNA_G

ClientSampleId :

121B4MSD

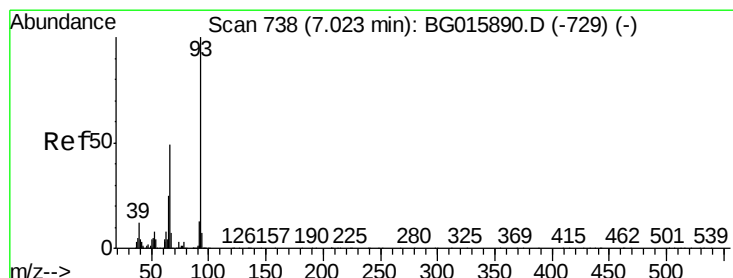
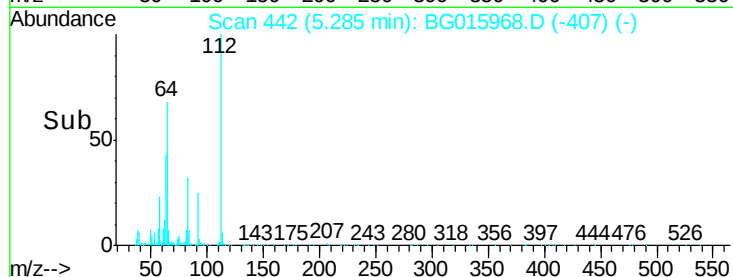
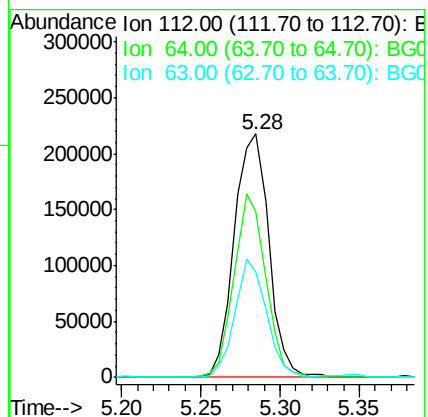
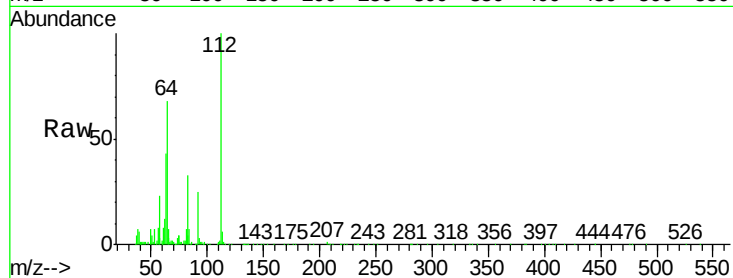
Tgt Ion: 112 Resp: 328671

Ion Ratio Lower Upper

112 100

64 67.8 64.4 96.6

63 43.0 35.1 52.7



#6

Aniline

Concen: 13.44 ng

RT: 7.02 min Scan# 737

Delta R.T. -0.01 min

Lab File: BG015968.D

Acq: 28 Jan 2015 4:54

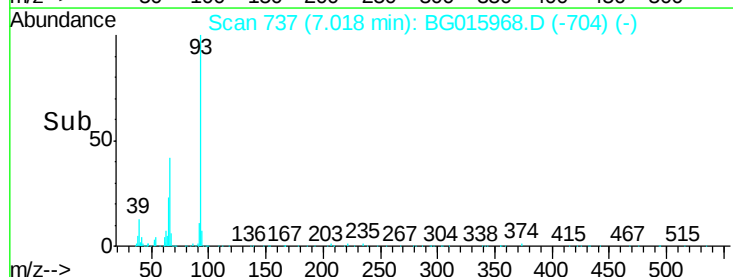
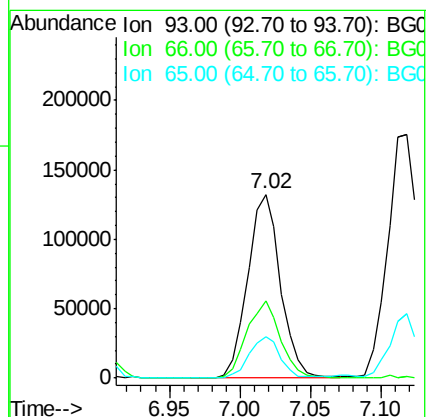
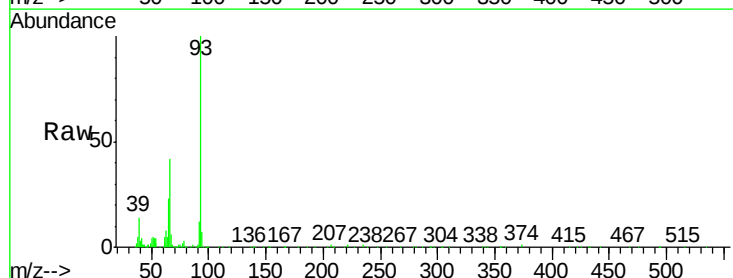
Tgt Ion: 93 Resp: 216290

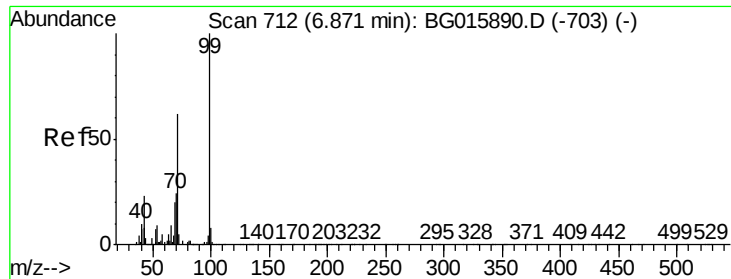
Ion Ratio Lower Upper

93 100

66 41.8 39.0 58.6

65 22.6 19.8 29.6





#7

Phenol-d6

Concen: 31.84 ng

RT: 6.87 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG015968.D

Acq: 28 Jan 2015 4:54

Instrument :

BNA_G

ClientSampleId :

121B4MSD

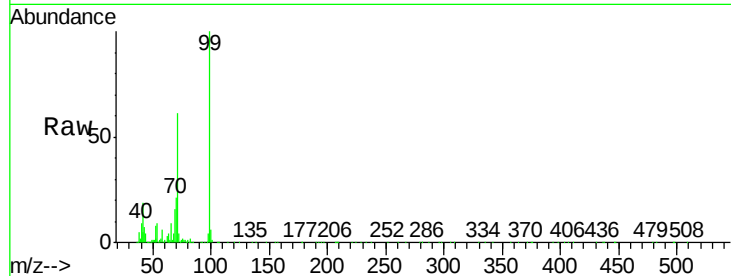
Tgt Ion: 99 Resp: 355670

Ion Ratio Lower Upper

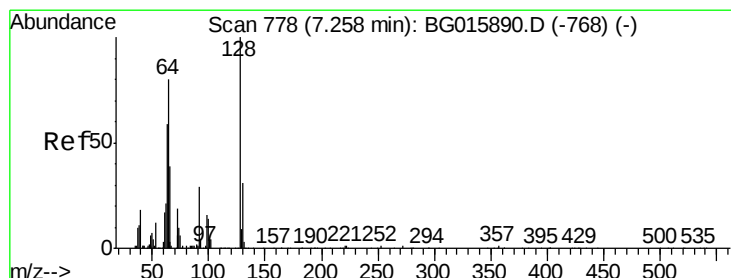
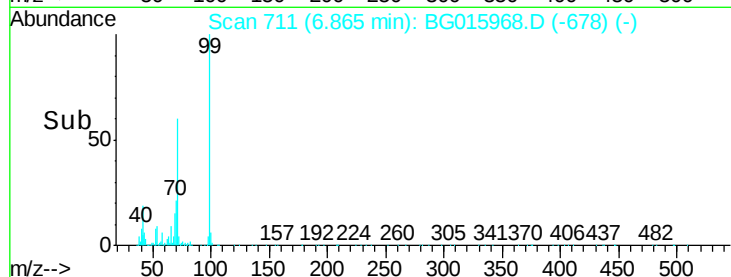
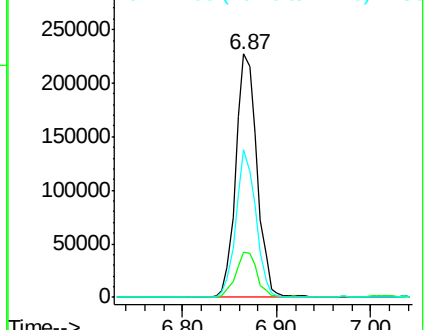
99 100

42 18.8 18.1 27.1

71 60.8 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: 23.90 ng

RT: 7.25 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG015968.D

Acq: 28 Jan 2015 4:54

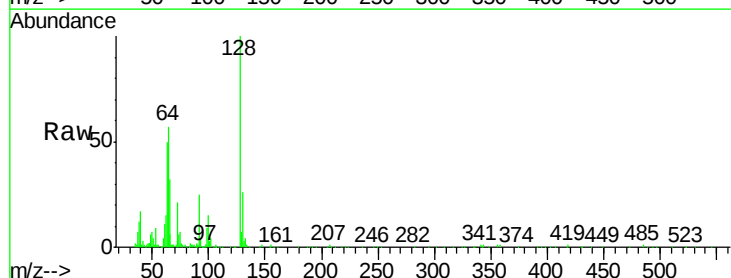
Tgt Ion: 128 Resp: 158989

Ion Ratio Lower Upper

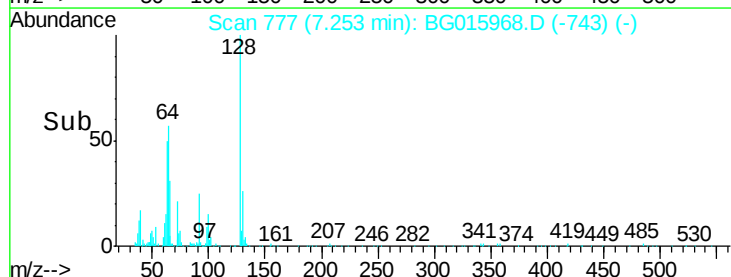
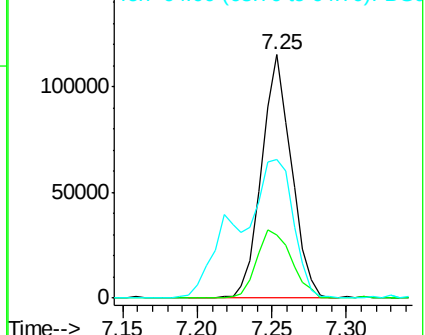
128 100

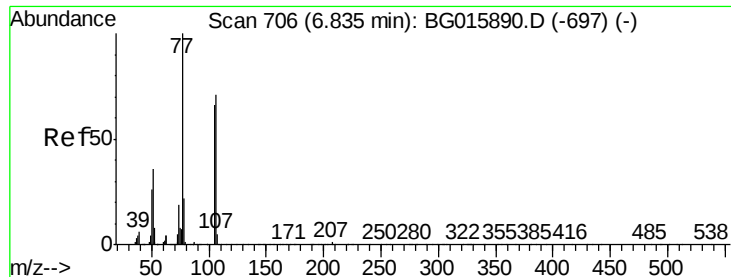
130 26.1 11.0 51.0

64 56.9 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: 6.18 ng

RT: 6.83 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG015968.D

Acq: 28 Jan 2015 4:54

Instrument :

BNA_G

ClientSampleId :

121B4MSD

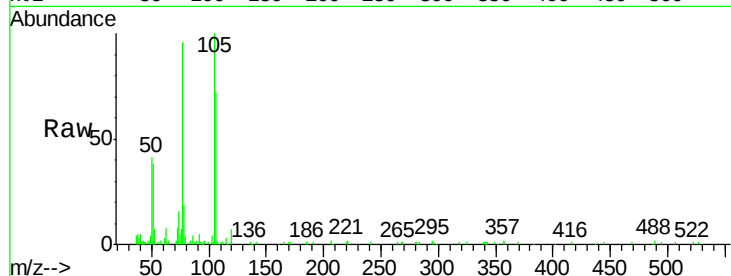
Tgt Ion: 77 Resp: 62876

Ion Ratio Lower Upper

77 100

105 104.3 46.0 86.0#

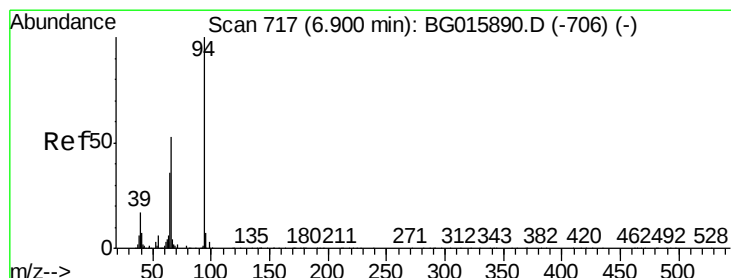
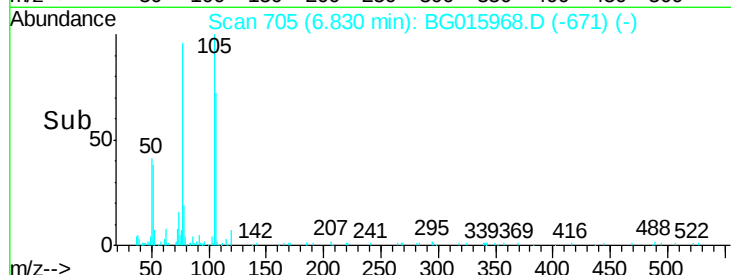
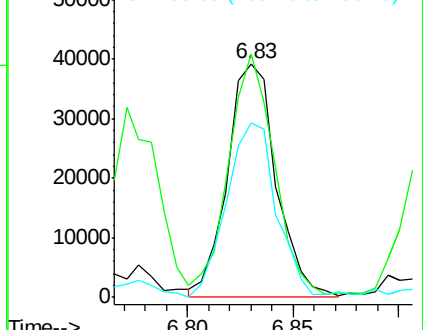
106 74.8 51.1 91.1



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 11.45 ng

RT: 6.89 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG015968.D

Acq: 28 Jan 2015 4:54

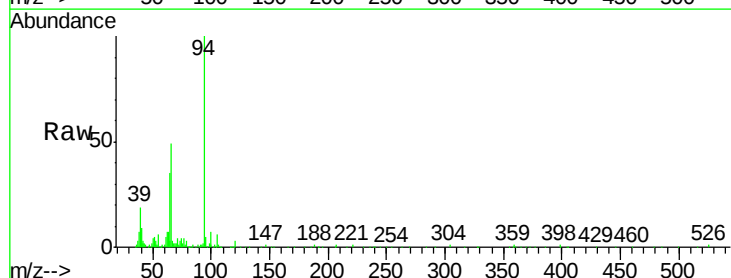
Tgt Ion: 94 Resp: 145843

Ion Ratio Lower Upper

94 100

65 34.9 16.5 56.5

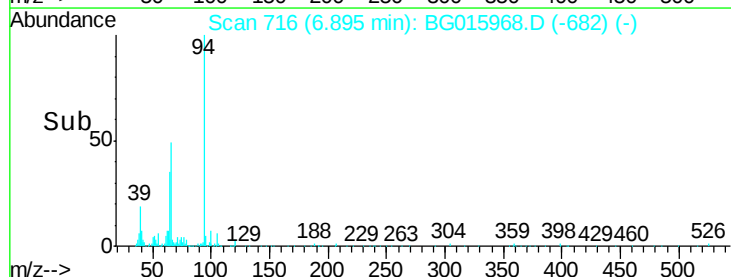
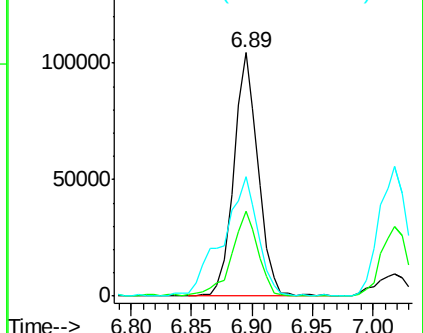
66 49.3 33.3 73.3



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

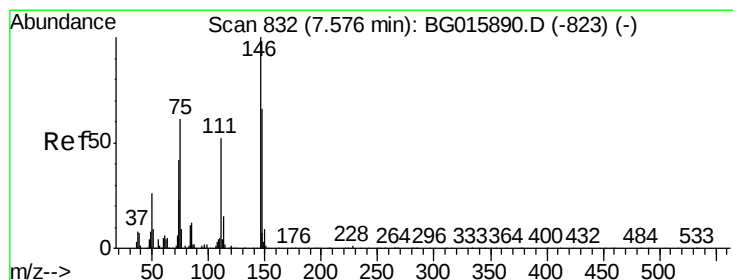
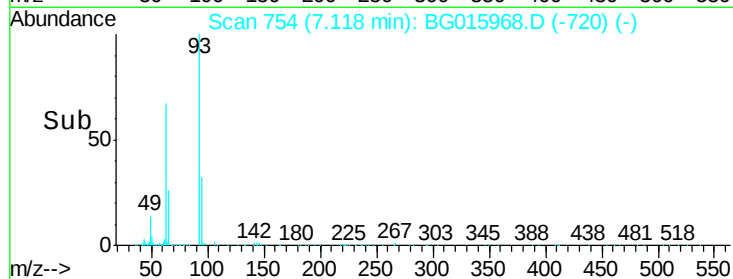
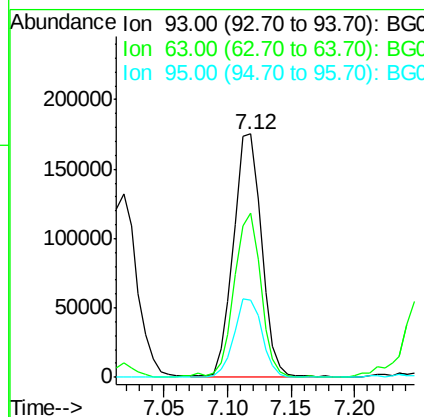
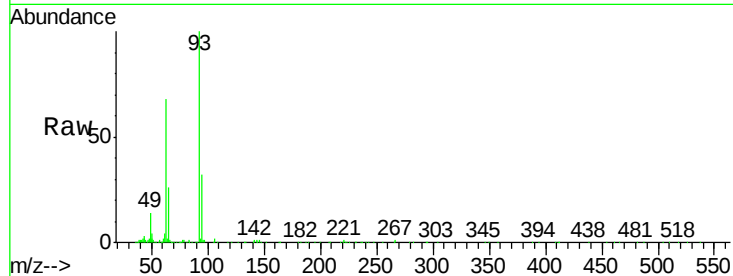




#11
bis(2-Chloroethyl)ether
Concen: 27.27 ng
RT: 7.12 min Scan# 754
Delta R.T. 0.00 min
Lab File: BG015968.D
Acq: 28 Jan 2015 4:54

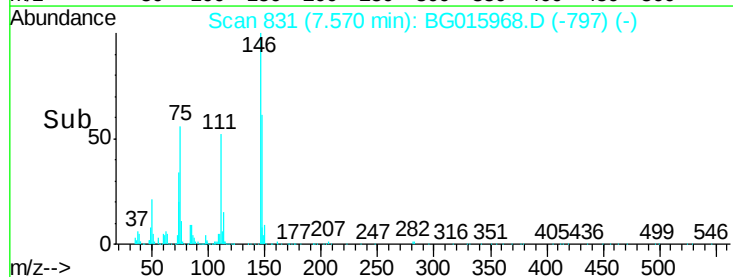
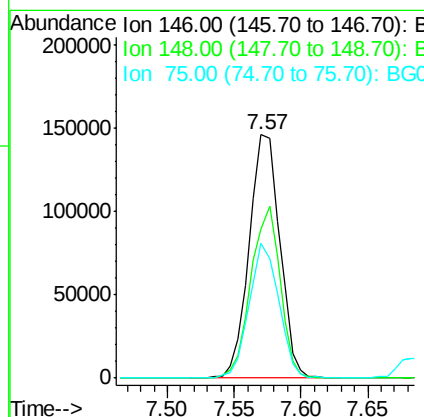
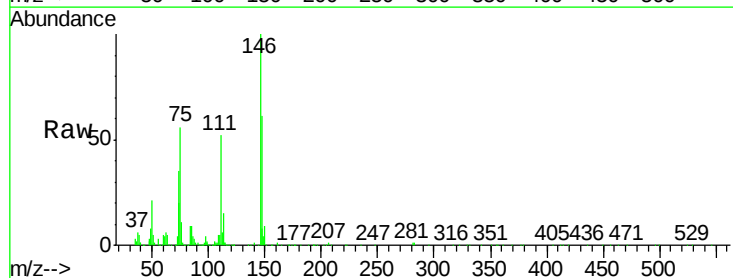
Instrument :
BNA_G
ClientSampleId :
121B4MSD

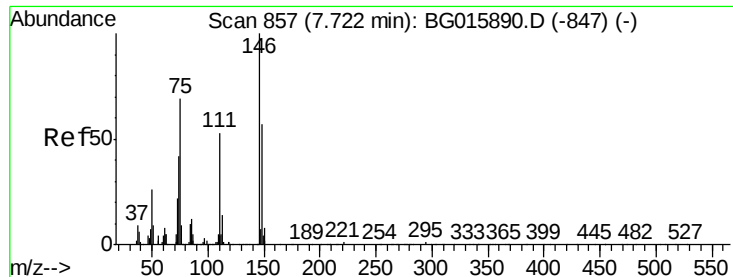
Tgt Ion:	93	Resp:	268329
Ion	Ratio	Lower	Upper
93	100		
63	67.5	51.7	91.7
95	31.8	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 29.45 ng
RT: 7.57 min Scan# 831
Delta R.T. 0.00 min
Lab File: BG015968.D
Acq: 28 Jan 2015 4:54

Tgt Ion:	146	Resp:	231828
Ion	Ratio	Lower	Upper
146	100		
148	61.1	53.0	79.4
75	55.5	48.6	72.8

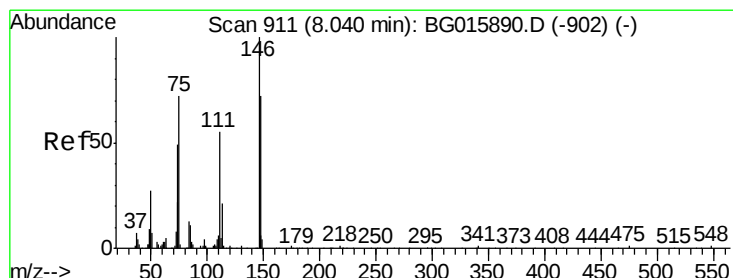
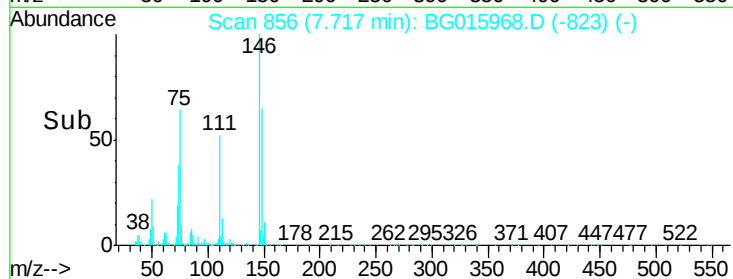
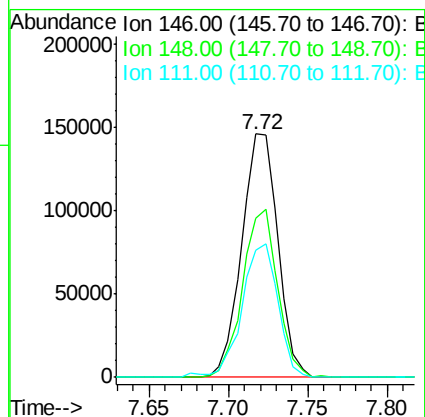
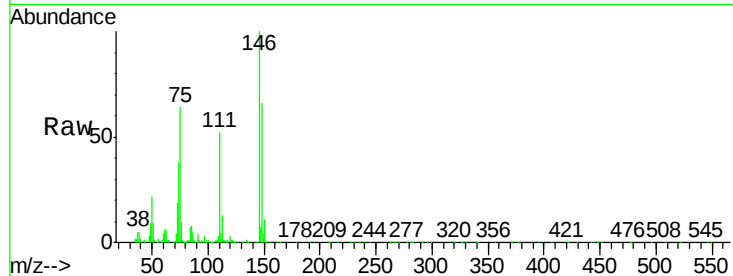




#13
 1,4-Dichlorobenzene
 Concen: 28.43 ng
 RT: 7.72 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BG015968.D
 Acq: 28 Jan 2015 4:54

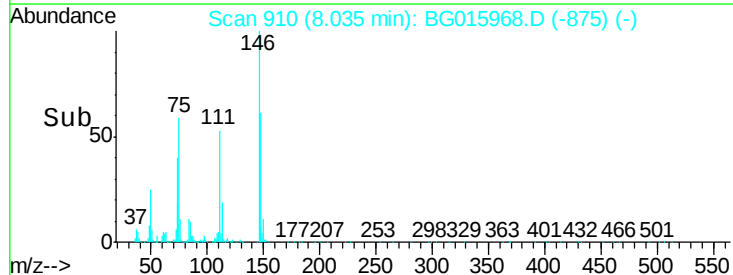
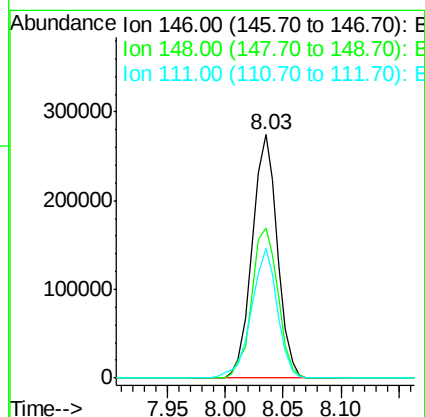
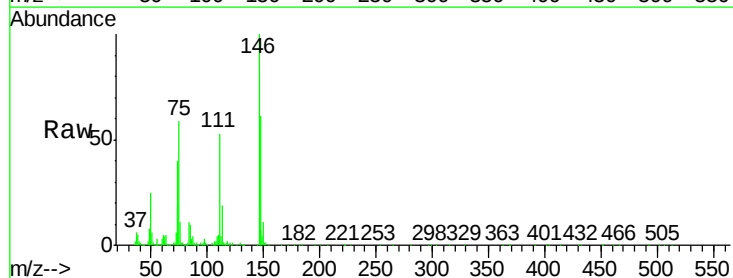
Instrument :
 BNA_G
 ClientSampleId :
 121B4MSD

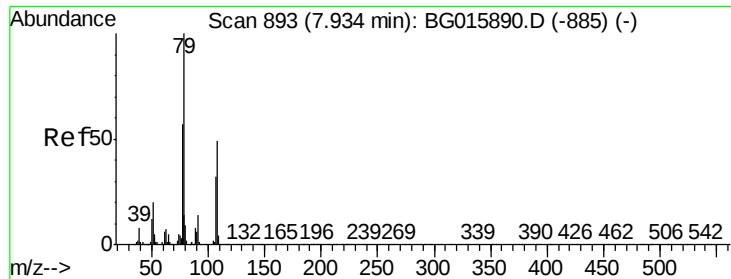
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	45.7	68.5
111	52.2	42.1	63.1



#14
 1,2-Dichlorobenzene
 Concen: 52.24 ng
 RT: 8.03 min Scan# 910
 Delta R.T. 0.01 min
 Lab File: BG015968.D
 Acq: 28 Jan 2015 4:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.5	57.7	86.5
111	53.0	44.6	66.8

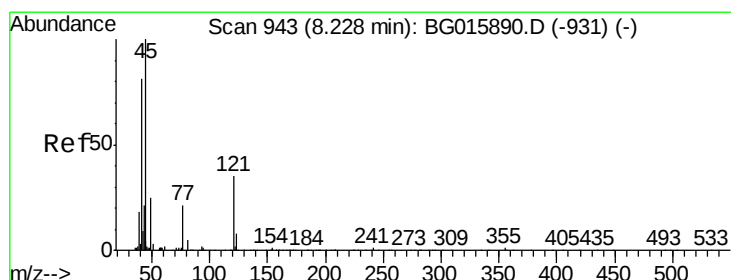
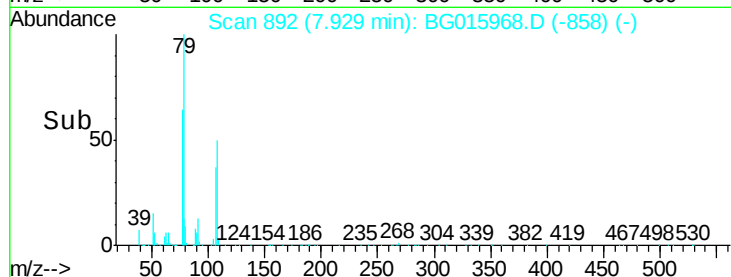
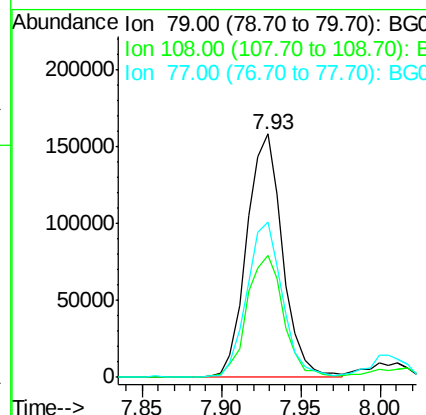
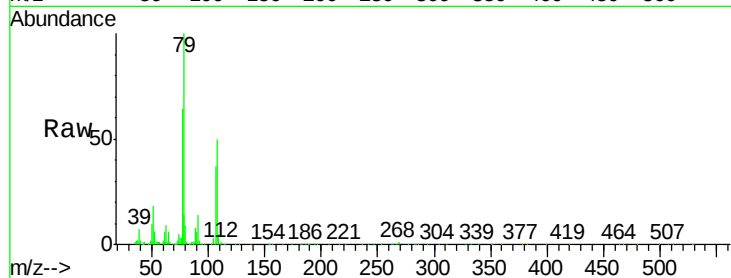




#15
Benzyl Alcohol
Concen: 20.33 ng
RT: 7.93 min Scan# 892
Delta R.T. 0.00 min
Lab File: BG015968.D
Acq: 28 Jan 2015 4:54

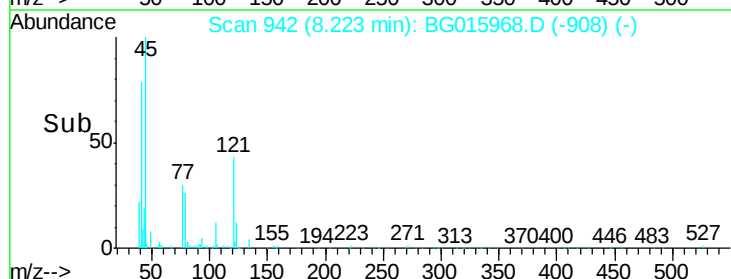
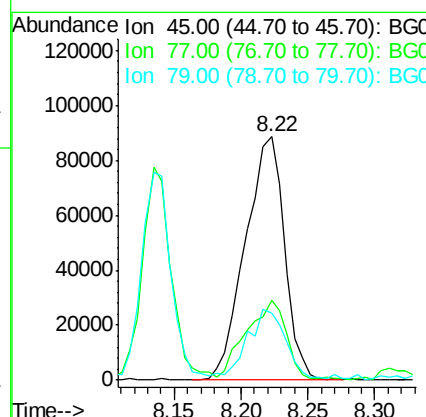
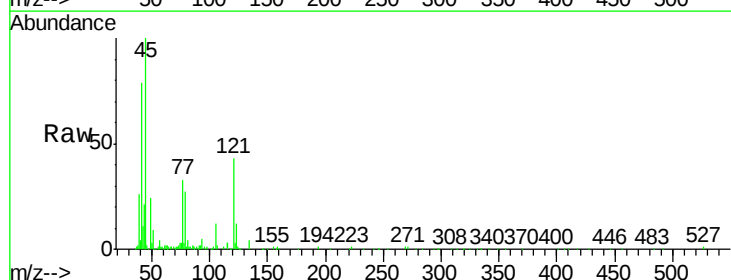
Instrument :
BNA_G
ClientSampleId :
121B4MSD

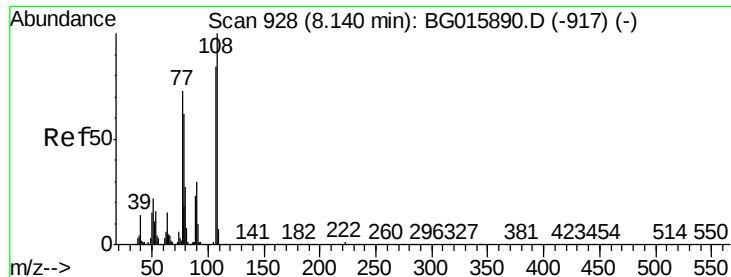
Tgt Ion: 79 Resp: 248493
Ion Ratio Lower Upper
79 100
108 50.3 38.9 58.3
77 63.6 46.1 69.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 22.67 ng
RT: 8.22 min Scan# 942
Delta R.T. 0.00 min
Lab File: BG015968.D
Acq: 28 Jan 2015 4:54

Tgt Ion: 45 Resp: 180296
Ion Ratio Lower Upper
45 100
77 32.6 16.0 56.0
79 27.3 0.0 38.7





#17

2-Methylphenol

Concen: 20.36 ng

RT: 8.14 min Scan# 928

Delta R.T. 0.01 min

Lab File: BG015968.D

Acq: 28 Jan 2015 4:54

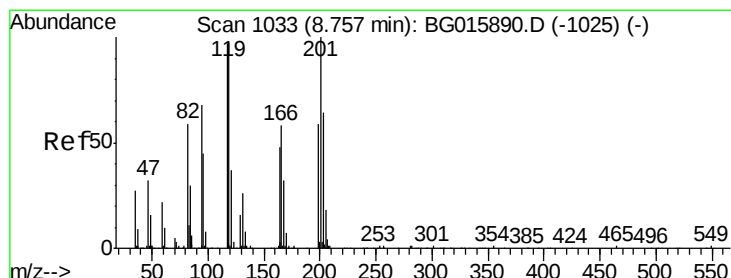
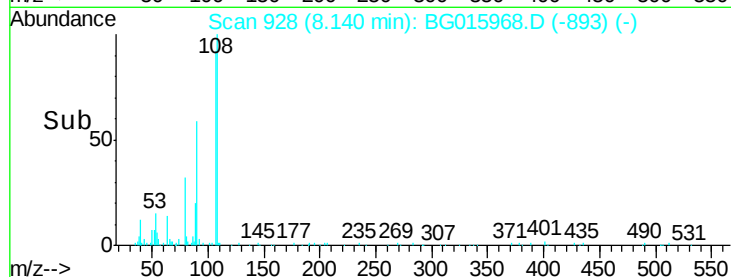
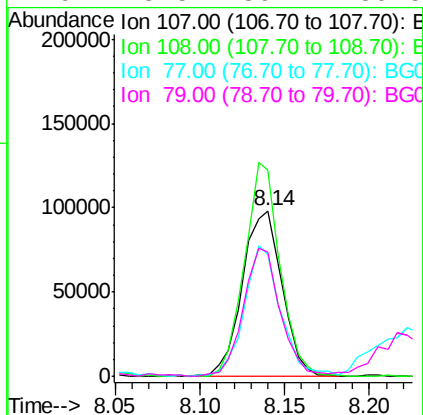
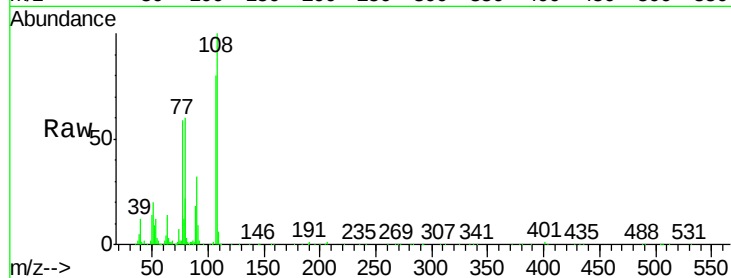
Instrument :

BNA_G

ClientSampleId :

121B4MSD

Tgt Ion:	107	Resp:	160637
Ion	Ratio	Lower	Upper
107	100		
108	124.8	95.1	142.7
77	73.6	69.2	103.8
79	75.5	59.7	89.5



#18

Hexachloroethane

Concen: 28.46 ng

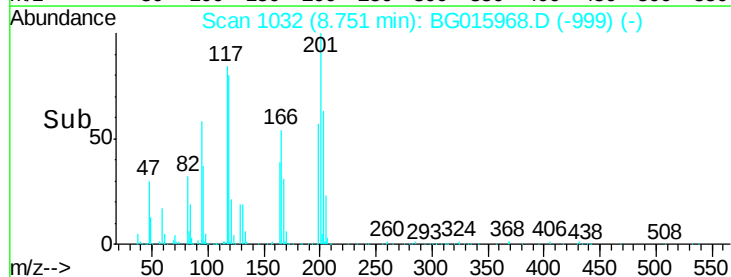
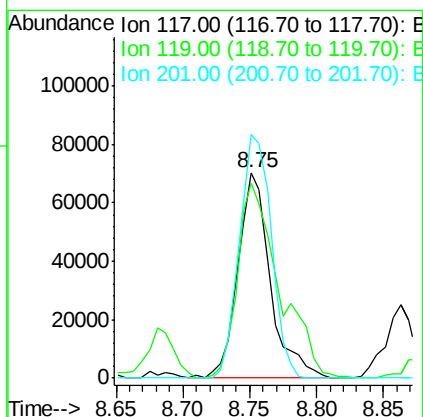
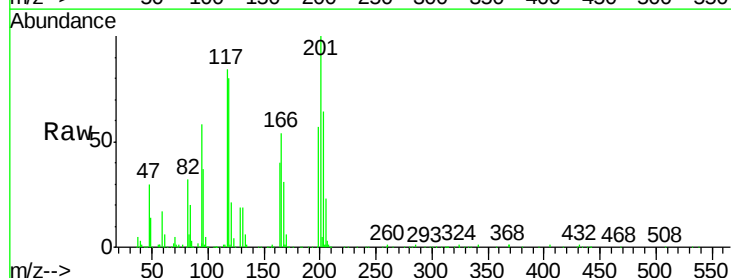
RT: 8.75 min Scan# 1032

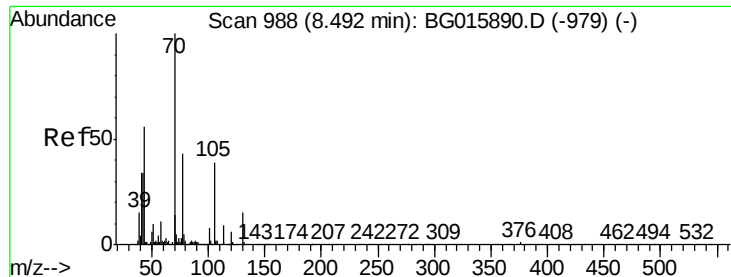
Delta R.T. -0.01 min

Lab File: BG015968.D

Acq: 28 Jan 2015 4:54

Tgt Ion:	117	Resp:	118921
Ion	Ratio	Lower	Upper
117	100		
119	94.8	80.2	120.2
201	124.8	82.6	124.0#

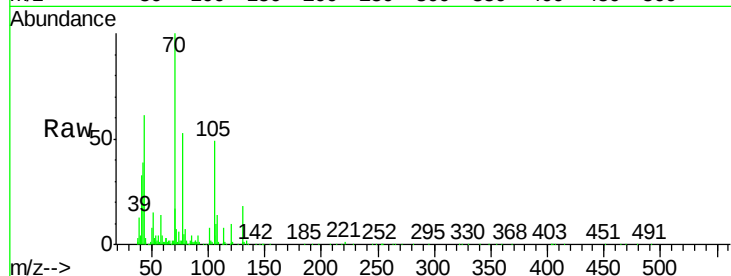




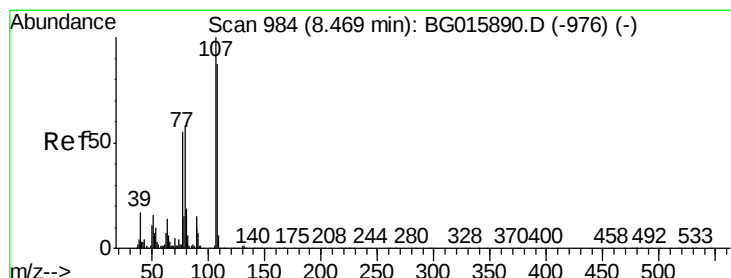
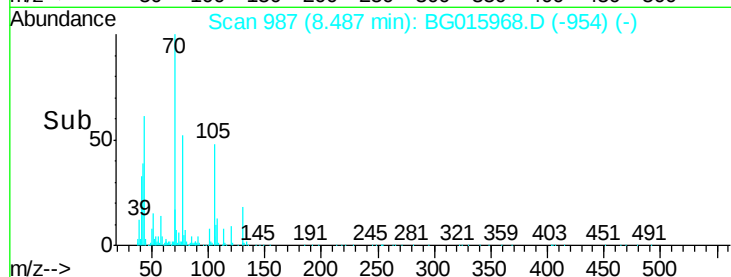
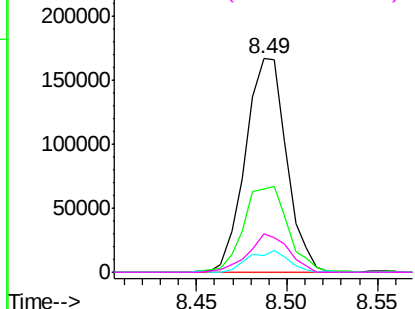
#19
n-Nitroso-di-n-propylamine
Concen: 23.65 ng
RT: 8.49 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG015968.D
Acq: 28 Jan 2015 4:54

Instrument :
BNA_G
ClientSampleId :
121B4MSD

Tgt Ion:	70	Resp:	263616
Ion	Ratio	Lower	Upper
70	100		
42	39.0	26.8	40.2
101	7.7	6.3	9.5
130	17.7	12.2	18.4

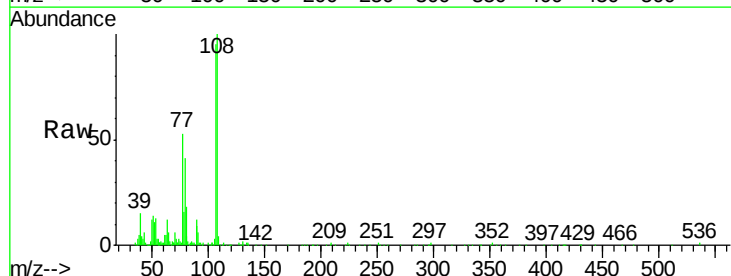


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

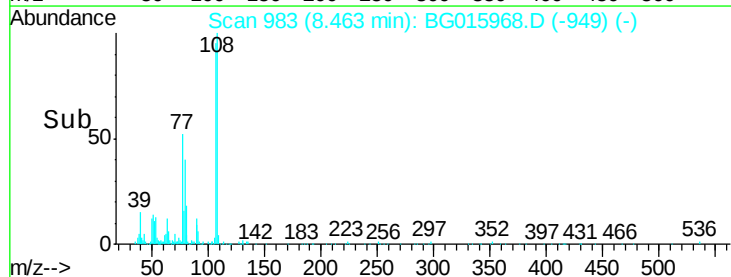
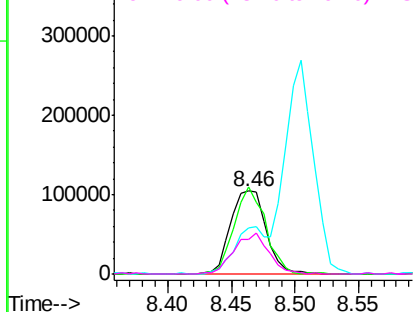


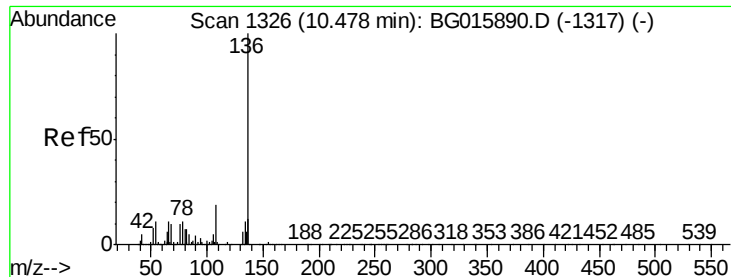
#20
3+4-Methylphenols
Concen: 19.72 ng
RT: 8.46 min Scan# 983
Delta R.T. 0.00 min
Lab File: BG015968.D
Acq: 28 Jan 2015 4:54

Tgt Ion:	107	Resp:	203979
Ion	Ratio	Lower	Upper
107	100		
108	104.7	66.9	106.9
77	55.3	34.8	74.8
79	42.6	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

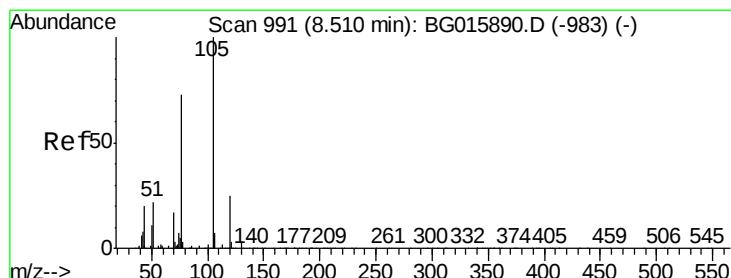
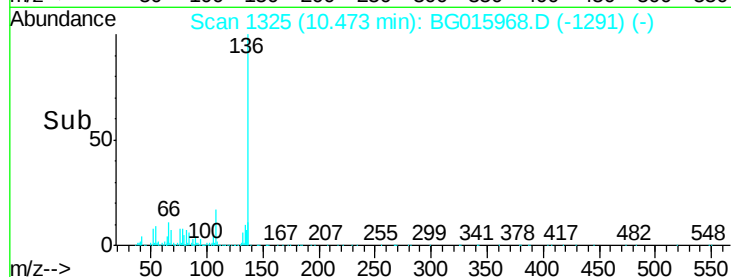
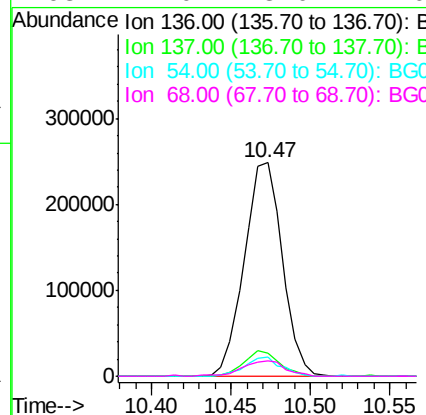
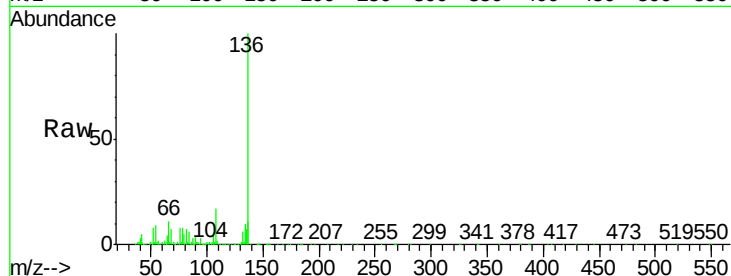




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG015968.D
Acq: 28 Jan 2015 4:54

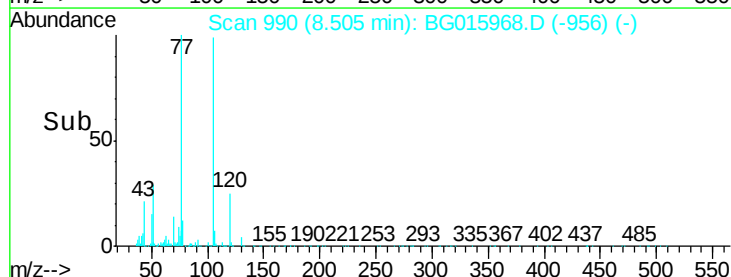
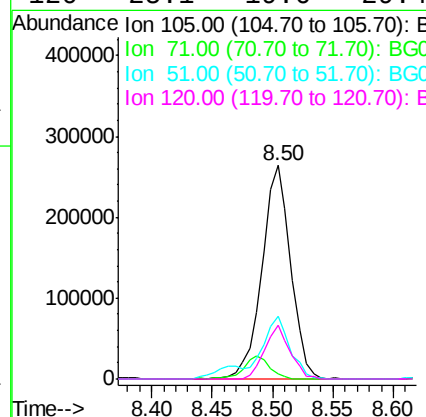
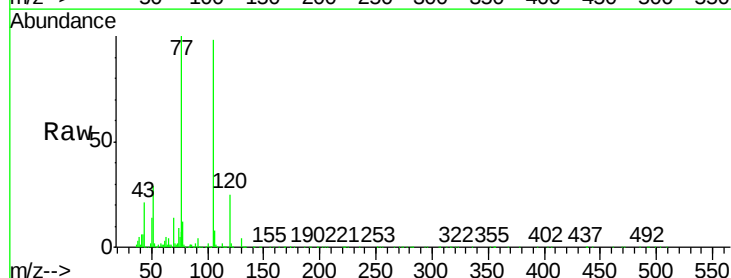
Instrument :
BNA_G
ClientSampleId :
121B4MSD

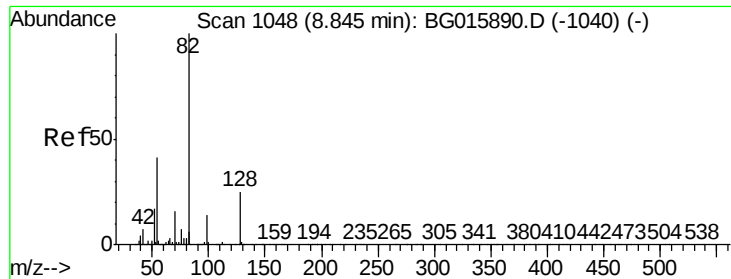
Tgt Ion:	136	Resp:	414462
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.7	14.5
54	8.8	8.5	12.7
68	7.0	8.0	12.0#



#22
Acetophenone
Concen: 31.29 ng
RT: 8.50 min Scan# 990
Delta R.T. 0.00 min
Lab File: BG015968.D
Acq: 28 Jan 2015 4:54

Tgt Ion:	105	Resp:	434555
Ion Ratio	Lower	Upper	
105	100		
71	2.5	2.4	3.6
51	29.5	24.6	36.8
120	25.1	19.6	29.4

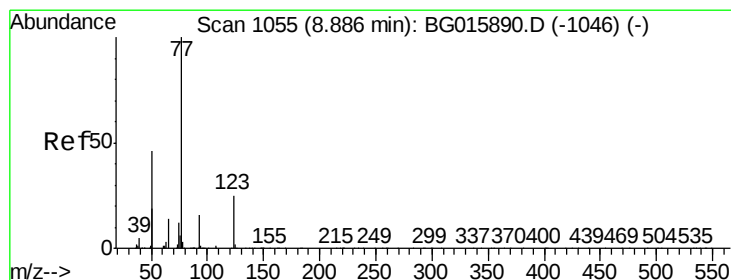
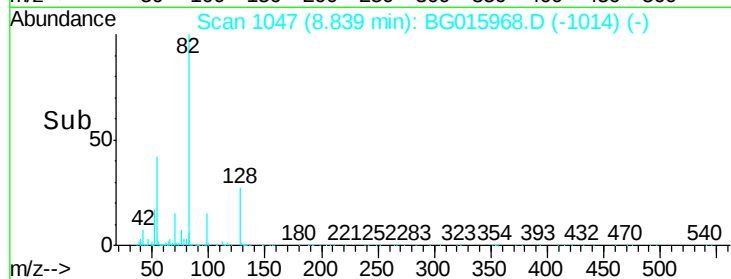
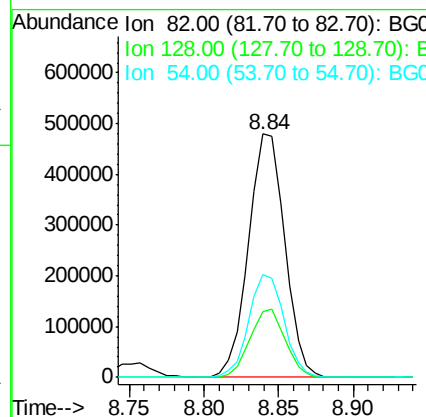
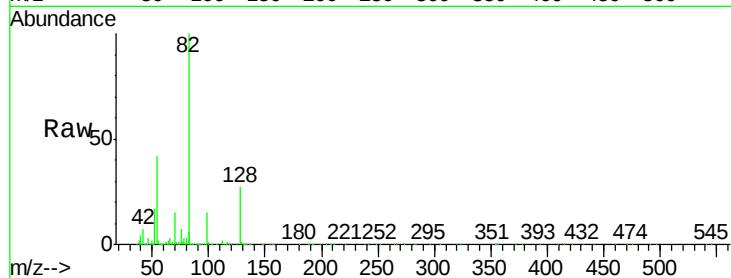




#23
 Nitrobenzene-d5
 Concen: 55.98 ng
 RT: 8.84 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BG015968.D
 Acq: 28 Jan 2015 4:54

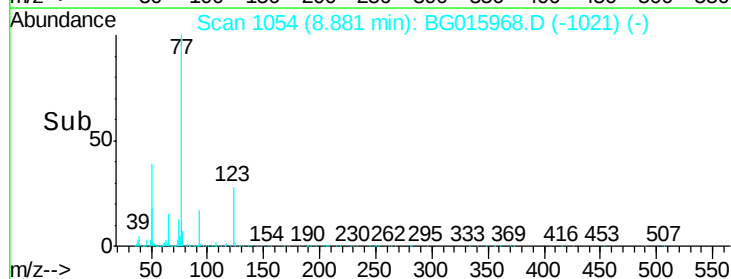
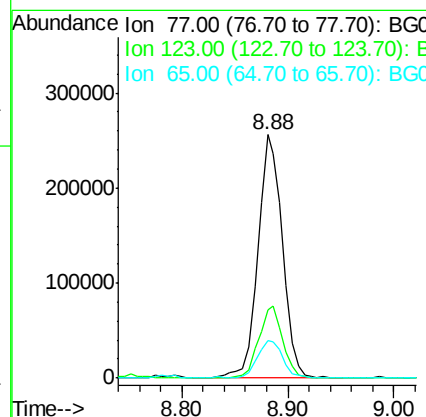
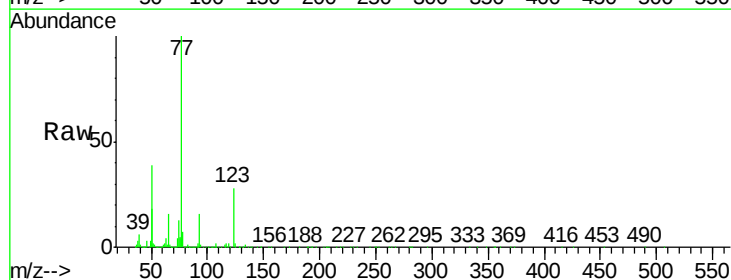
Instrument :
 BNA_G
 ClientSampleId :
 121B4MSD

Tgt Ion: 82 Resp: 804848
 Ion Ratio Lower Upper
 82 100
 128 26.9 19.8 29.8
 54 42.3 33.0 49.4



#24
 Nitrobenzene
 Concen: 27.44 ng
 RT: 8.88 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: BG015968.D
 Acq: 28 Jan 2015 4:54

Tgt Ion: 77 Resp: 414956
 Ion Ratio Lower Upper
 77 100
 123 28.2 20.0 30.0
 65 15.5 11.0 16.4





#25

Isophorone

Concen: 28.02 ng

RT: 9.40 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BG015968.D

Acq: 28 Jan 2015 4:54

Instrument :

BNA_G

ClientSampleId :

121B4MSD

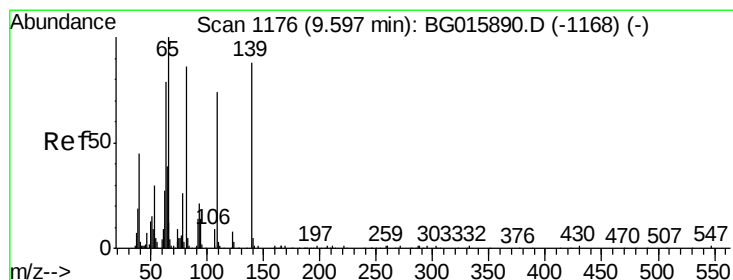
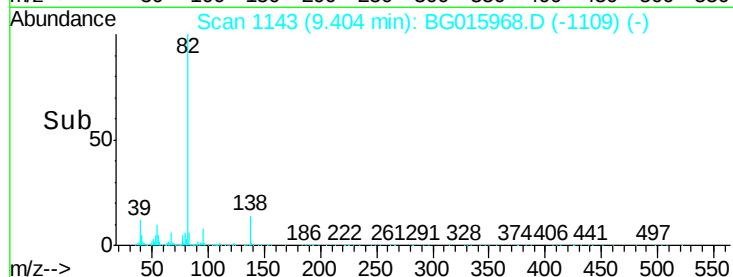
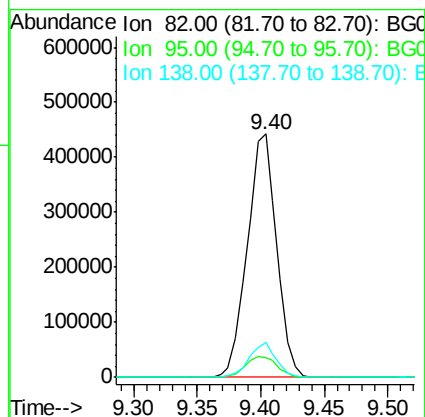
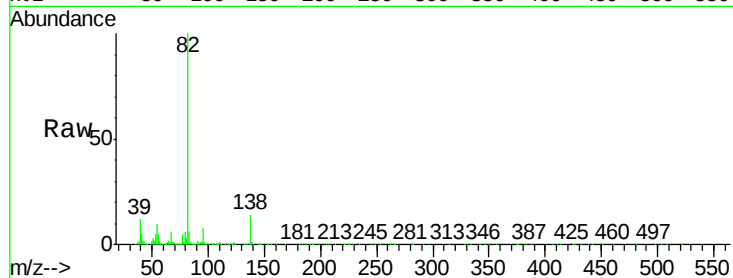
Tgt Ion: 82 Resp: 712255

Ion Ratio Lower Upper

82 100

95 8.0 8.1 12.1#

138 14.3 9.1 13.7#



#26

2-Nitrophenol

Concen: 27.59 ng

RT: 9.59 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BG015968.D

Acq: 28 Jan 2015 4:54

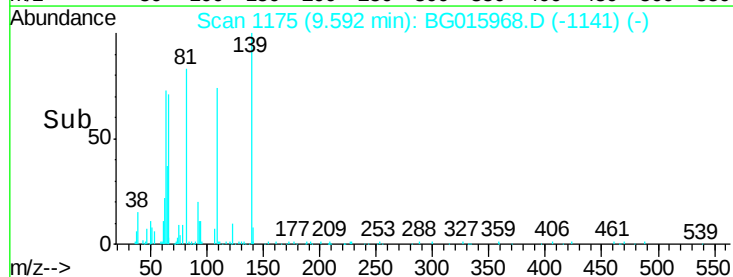
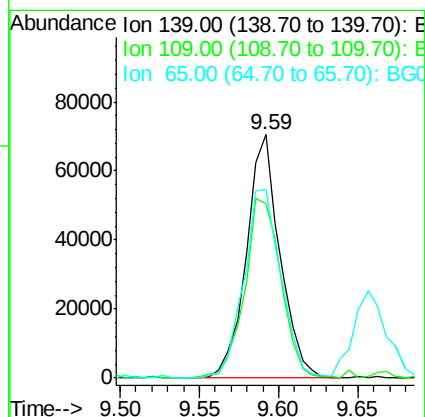
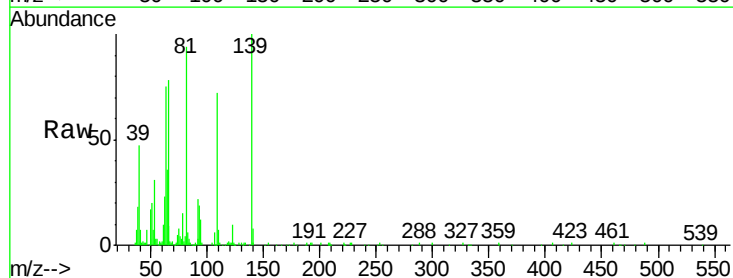
Tgt Ion: 139 Resp: 103313

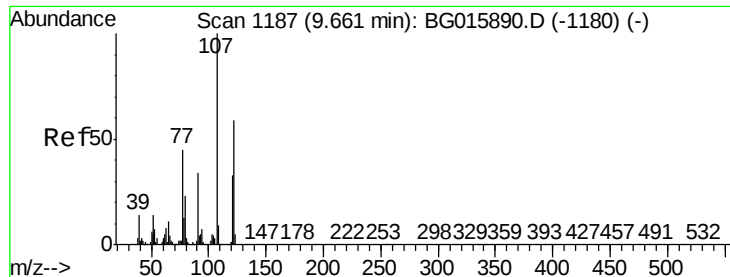
Ion Ratio Lower Upper

139 100

109 71.8 67.2 100.8

65 77.6 91.3 136.9#

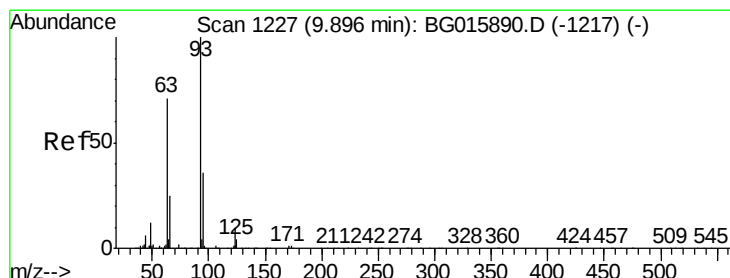
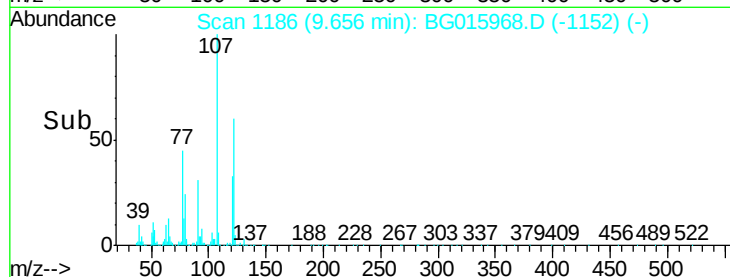
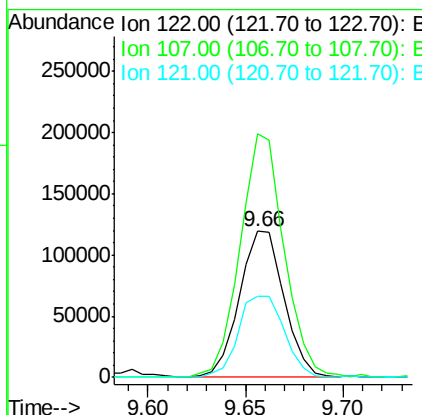
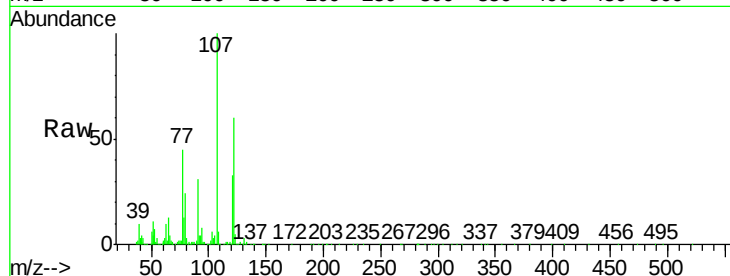




#27
2,4-Dimethylphenol
Concen: 26.32 ng
RT: 9.66 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BG015968.D
Acq: 28 Jan 2015 4:54

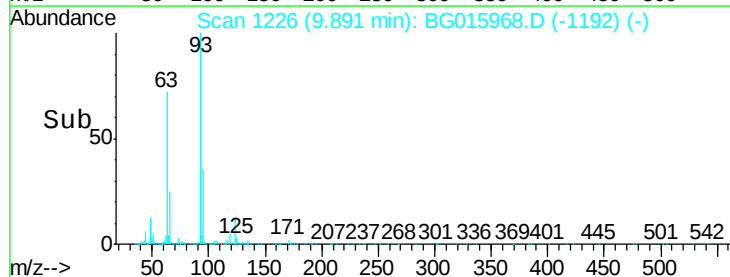
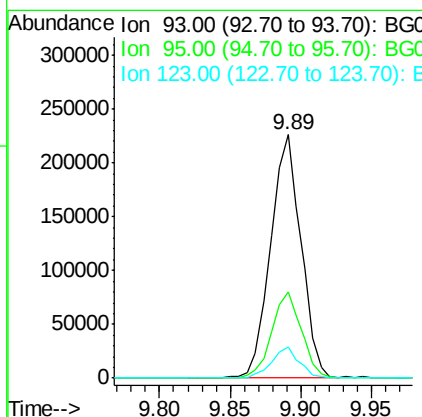
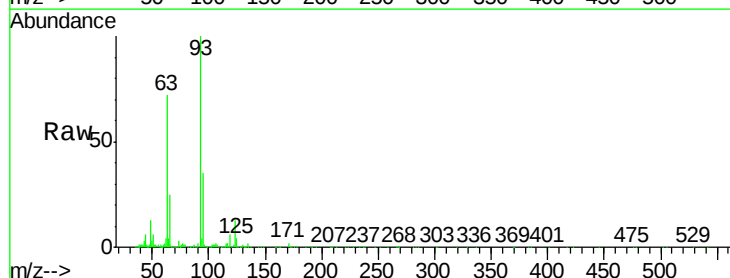
Instrument :
BNA_G
ClientSampleId :
121B4MSD

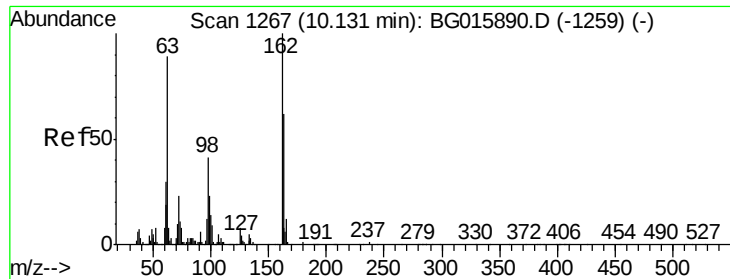
Tgt Ion	Ratio	Lower	Upper
122	100		
107	166.9	136.8	205.2
121	55.2	44.9	67.3



#28
bis(2-Chloroethoxy)methane
Concen: 27.72 ng
RT: 9.89 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BG015968.D
Acq: 28 Jan 2015 4:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.5	28.6	42.8
123	12.9	7.9	11.9

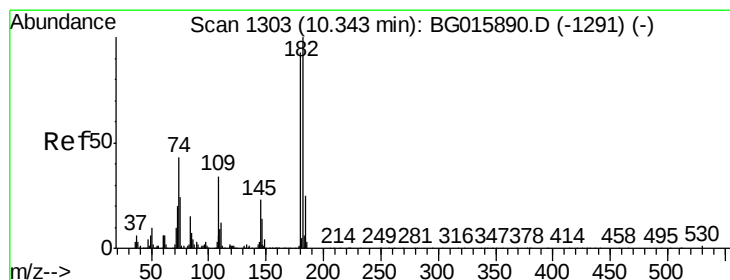
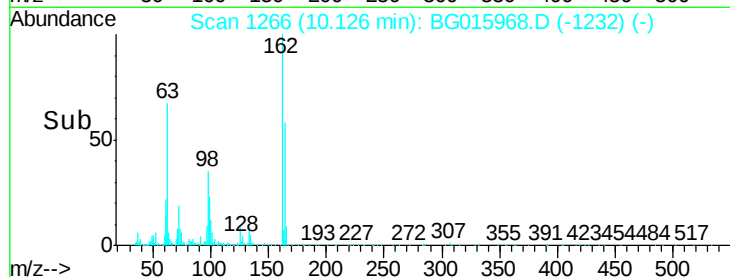
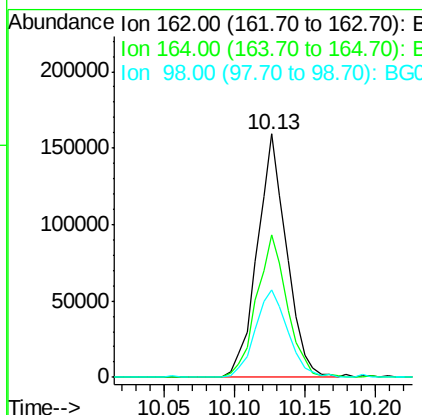
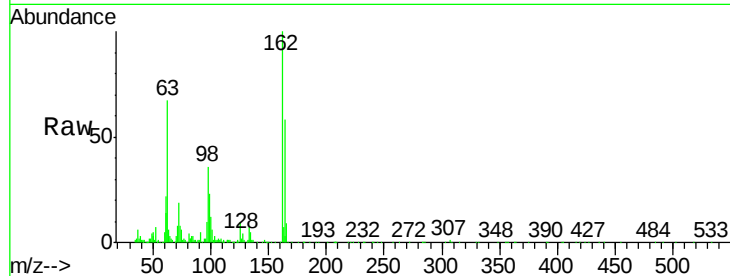




#29
2,4-Dichlorophenol
Concen: 31.17 ng
RT: 10.13 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BG015968.D
Acq: 28 Jan 2015 4:54

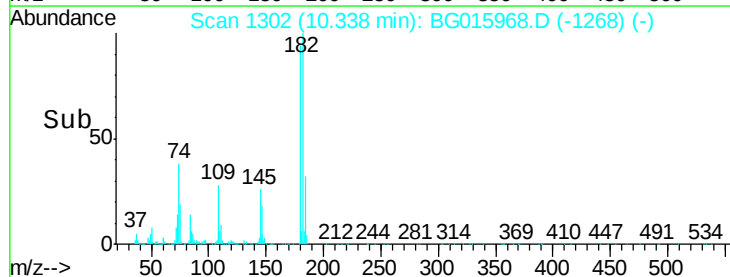
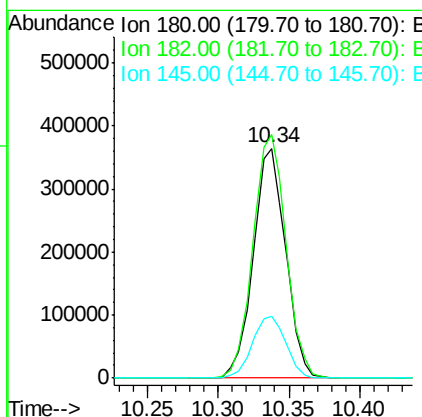
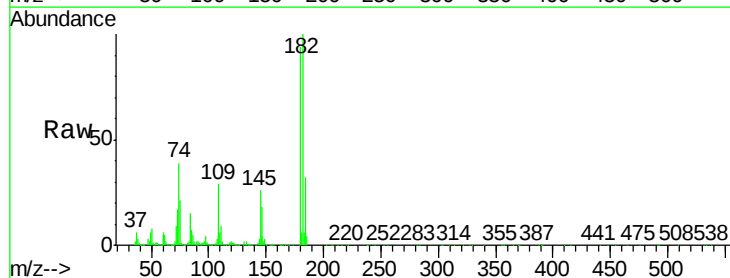
Instrument :
BNA_G
ClientSampleId :
121B4MSD

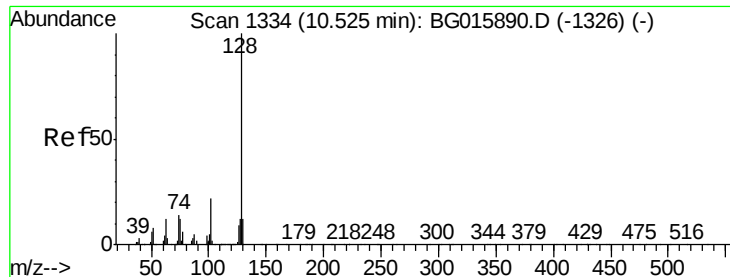
Tgt Ion	Ratio	Lower	Upper
162	100		
164	58.4	42.5	82.5
98	35.7	21.1	61.1



#30
1,2,4-Trichlorobenzene
Concen: 64.51 ng
RT: 10.34 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BG015968.D
Acq: 28 Jan 2015 4:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	106.0	86.4	129.6
145	27.1	20.1	30.1

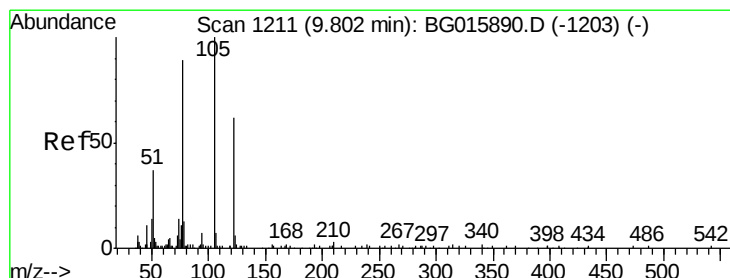
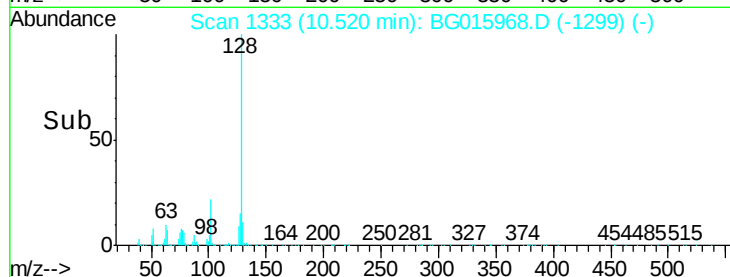
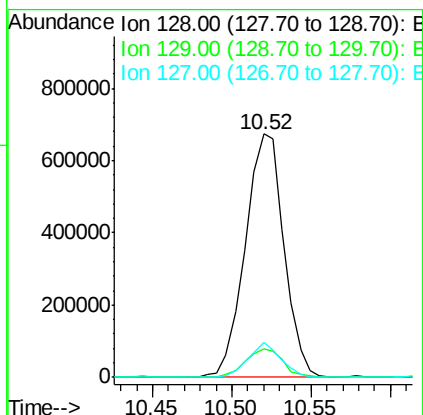
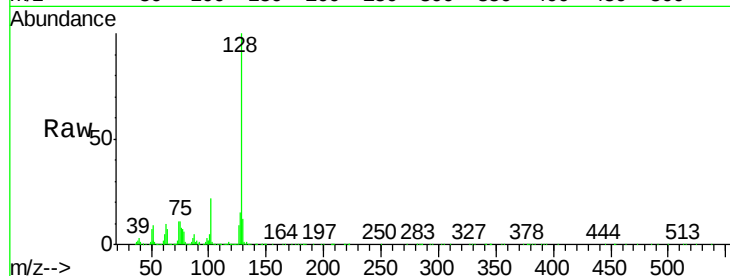




#31
Naphthalene
Concen: 53.72 ng
RT: 10.52 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG015968.D
Acq: 28 Jan 2015 4:54

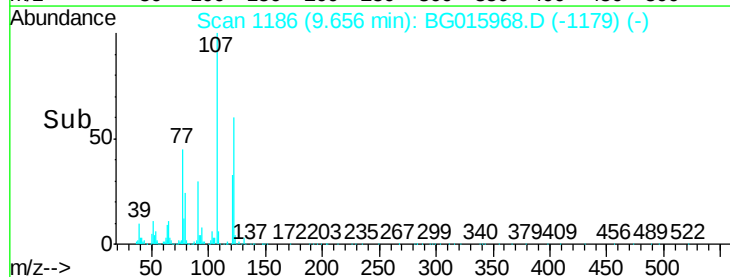
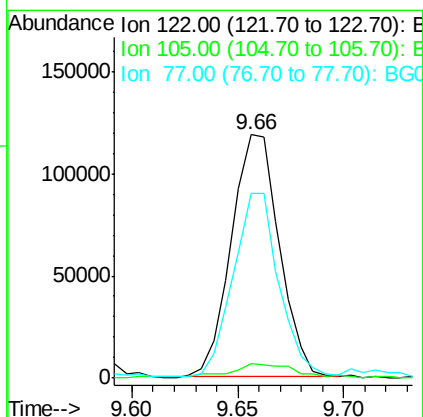
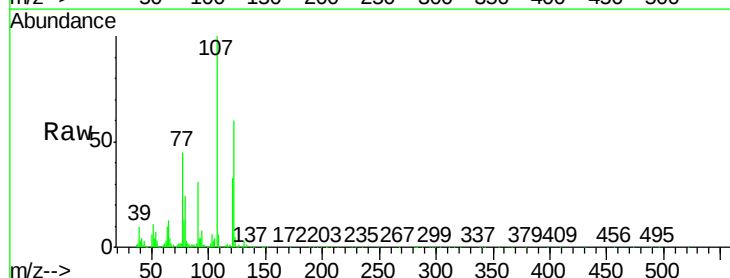
Instrument :
BNA_G
ClientSampleId :
121B4MSD

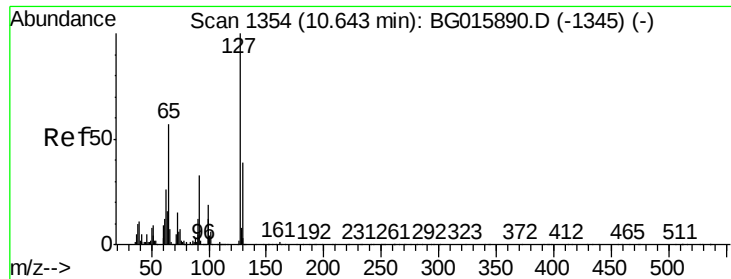
Tgt Ion:128 Resp: 1139627
Ion Ratio Lower Upper
128 100
129 11.6 9.7 14.5
127 14.5 9.8 14.6



#32
Benzoic acid
Concen: 63.22 ng
RT: 9.66 min Scan# 1186
Delta R.T. -0.16 min
Lab File: BG015968.D
Acq: 28 Jan 2015 4:54

Tgt Ion:122 Resp: 185656
Ion Ratio Lower Upper
122 100
105 5.9 140.2 180.2#
77 75.7 126.4 166.4#

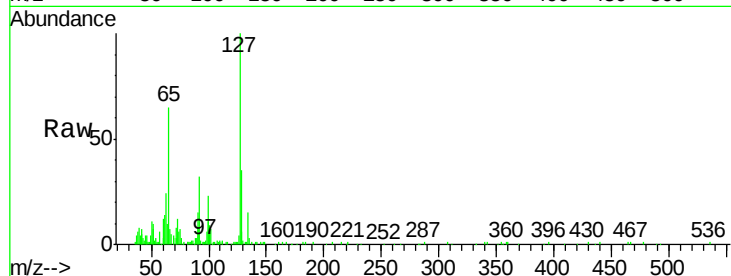




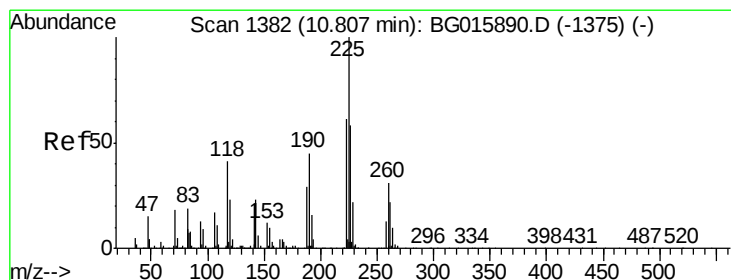
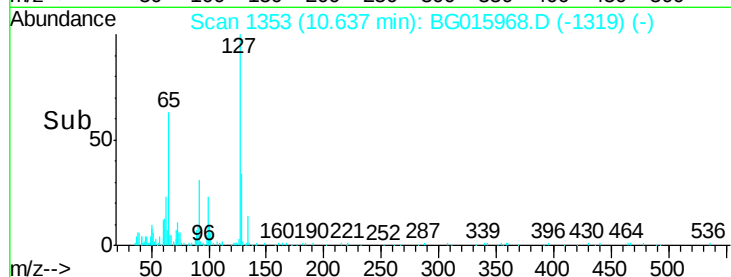
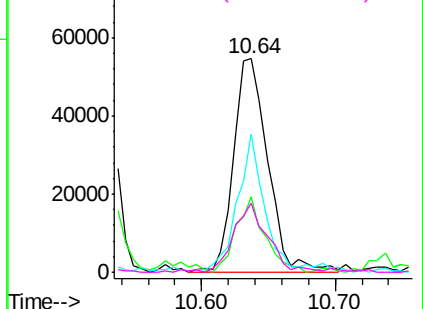
#33
4-Chloroaniline
Concen: 9.82 ng
RT: 10.64 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BG015968.D
Acq: 28 Jan 2015 4:54

Instrument :
BNA_G
ClientSampleId :
121B4MSD

Tgt Ion:	127	Resp:	97150
Ion	Ratio	Lower	Upper
127	100		
129	35.4	30.8	46.2
65	64.6	45.4	68.2
92	32.3	26.6	39.8

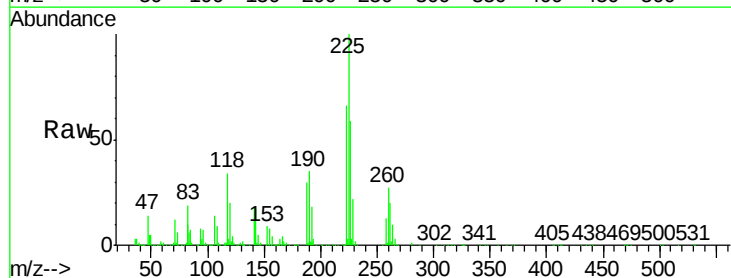


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

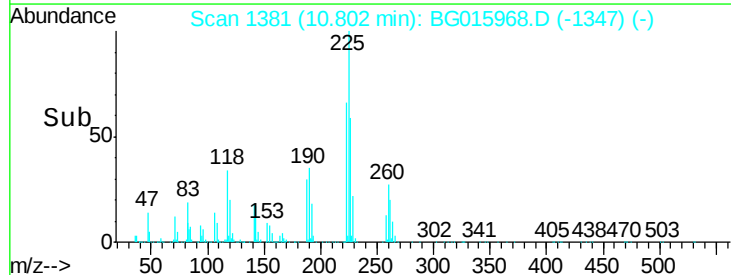
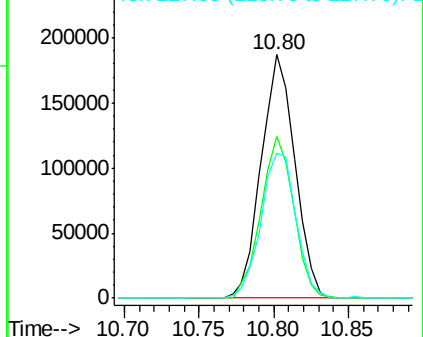


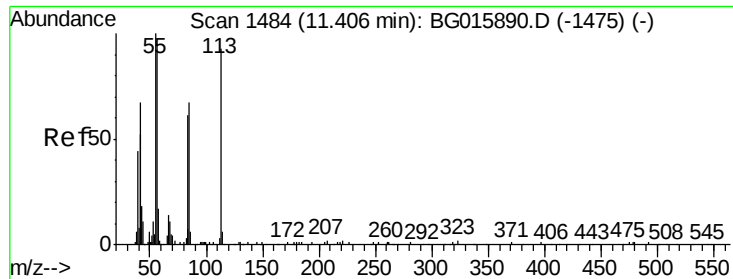
#34
Hexachlorobutadiene
Concen: 32.95 ng
RT: 10.80 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BG015968.D
Acq: 28 Jan 2015 4:54

Tgt Ion:	225	Resp:	292477
Ion	Ratio	Lower	Upper
225	100		
223	66.3	49.9	74.9
227	59.4	45.3	67.9



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





#35

Caprolactam

Concen: 5.49 ng

RT: 11.41 min Scan# 1485

Delta R.T. 0.00 min

Lab File: BG015968.D

Acq: 28 Jan 2015 4:54

Instrument :

BNA_G

ClientSampleId :

121B4MSD

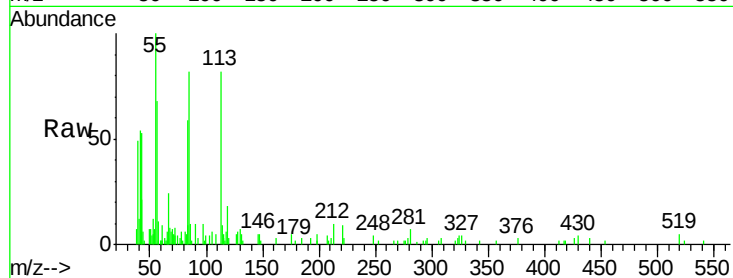
Tgt Ion:113 Resp: 20204

Ion Ratio Lower Upper

113 100

55 121.6 89.2 129.2

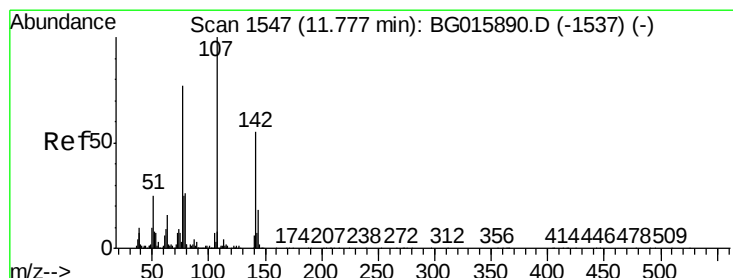
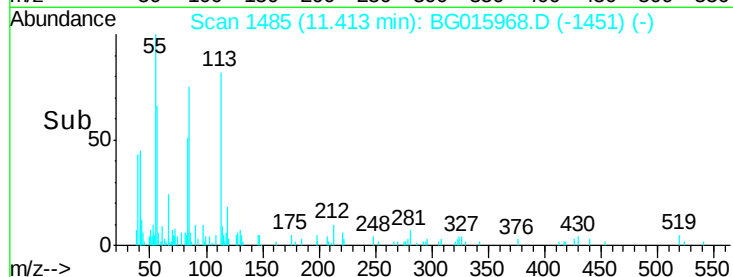
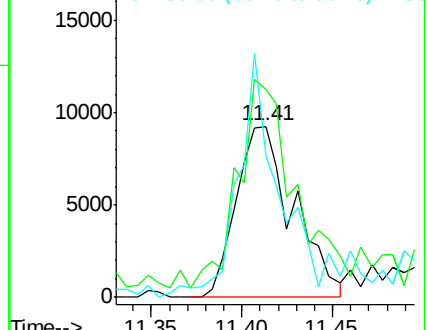
56 82.4 82.4 122.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG015890.D (-1475) (-)

Ion 56.00 (55.70 to 56.70): BG015890.D (-1475) (-)



#36

4-Chloro-3-methylphenol

Concen: 26.35 ng

RT: 11.78 min Scan# 1547

Delta R.T. 0.00 min

Lab File: BG015968.D

Acq: 28 Jan 2015 4:54

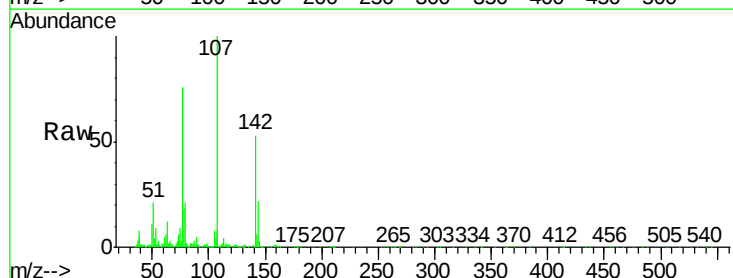
Tgt Ion:107 Resp: 290067

Ion Ratio Lower Upper

107 100

144 21.6 14.6 22.0

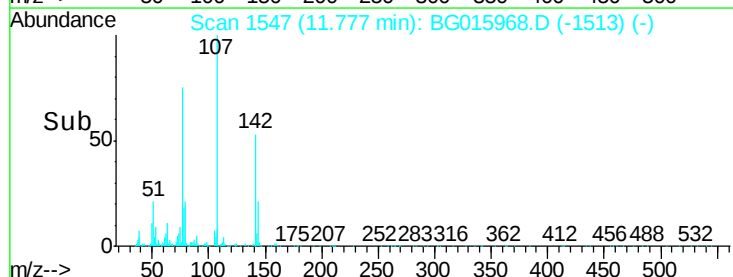
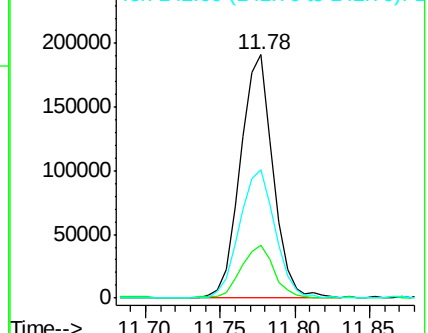
142 52.7 43.8 65.6

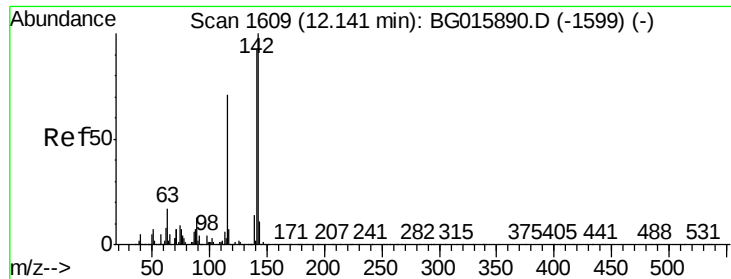


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

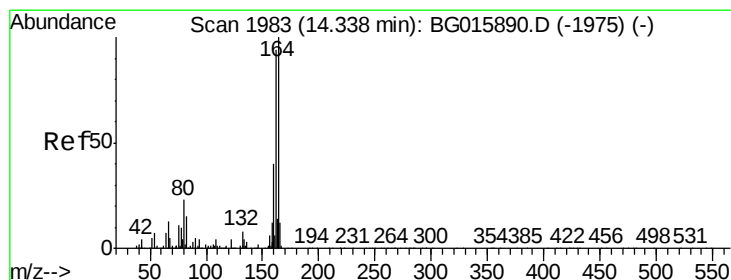
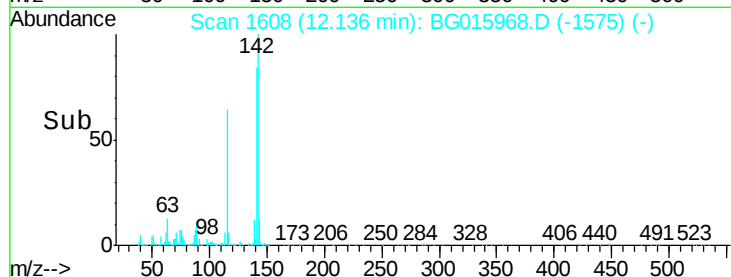
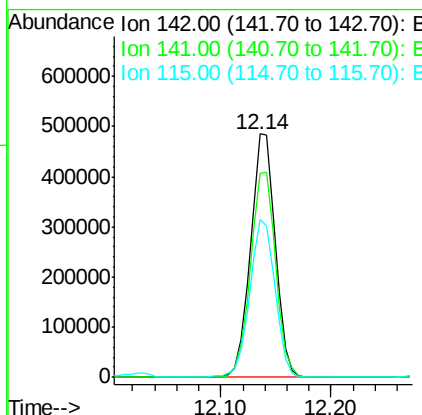
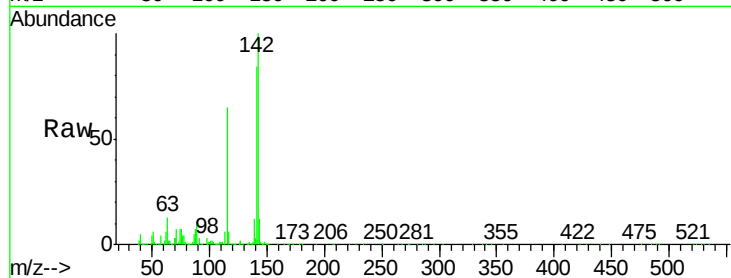




#37
2-Methylnaphthalene
Concen: 45.42 ng
RT: 12.14 min Scan# 1608
Delta R.T. -0.01 min
Lab File: BG015968.D
Acq: 28 Jan 2015 4:54

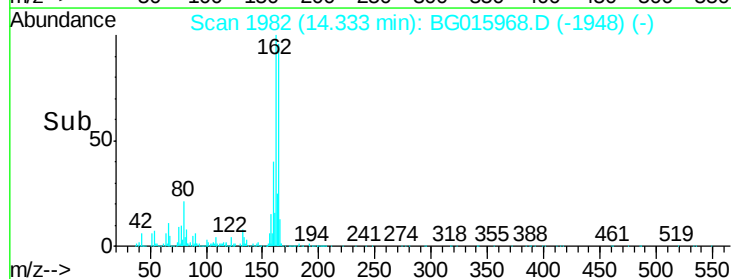
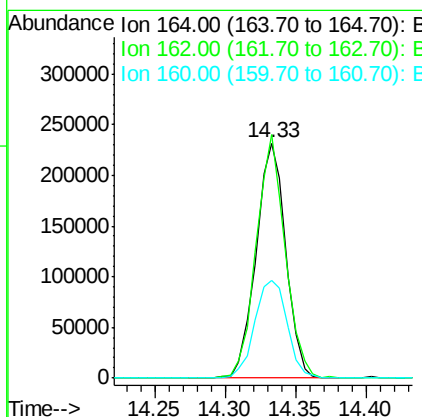
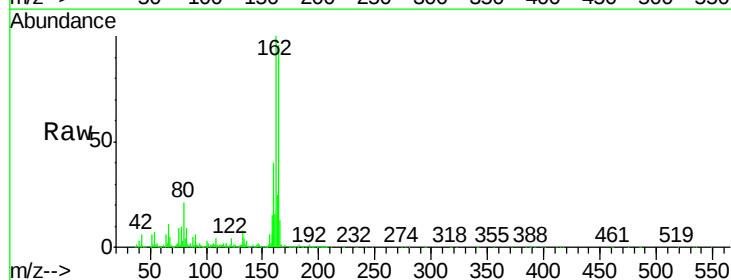
Instrument :
BNA_G
ClientSampleId :
121B4MSD

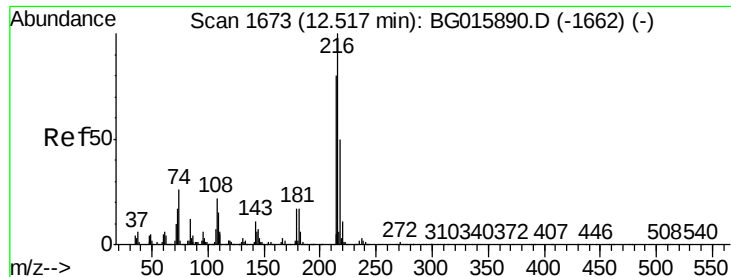
Tgt Ion	Ratio	Lower	Upper
142	100		
141	83.7	73.8	110.8
115	64.8	56.6	84.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.33 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BG015968.D
Acq: 28 Jan 2015 4:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	75.1	112.7
160	41.5	32.3	48.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.19 ng

RT: 12.52 min Scan# 1673

Delta R.T. 0.01 min

Lab File: BG015968.D

Acq: 28 Jan 2015 4:54

Instrument :

BNA_G

ClientSampleId :

121B4MSD

Tgt Ion:216 Resp: 473108

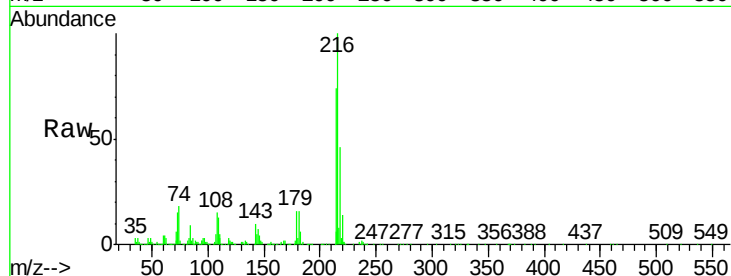
Ion Ratio Lower Upper

216 100

214 78.8 64.1 96.1

179 18.6 14.5 21.7

108 21.5 20.6 31.0

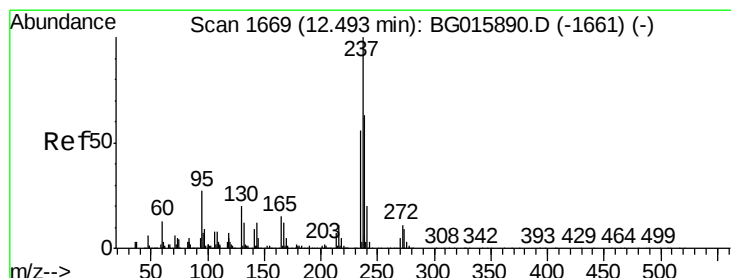
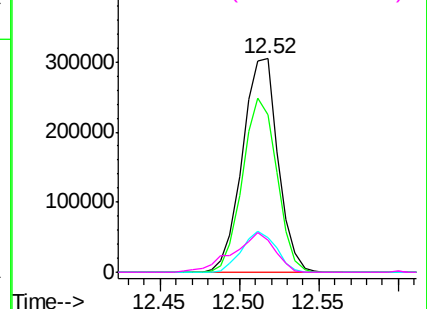
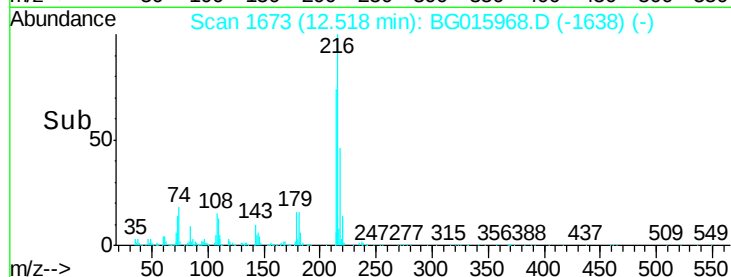


Abundance Ion 216.00 (215.70 to 216.70): E

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: 57.08 ng

RT: 12.49 min Scan# 1668

Delta R.T. 0.00 min

Lab File: BG015968.D

Acq: 28 Jan 2015 4:54

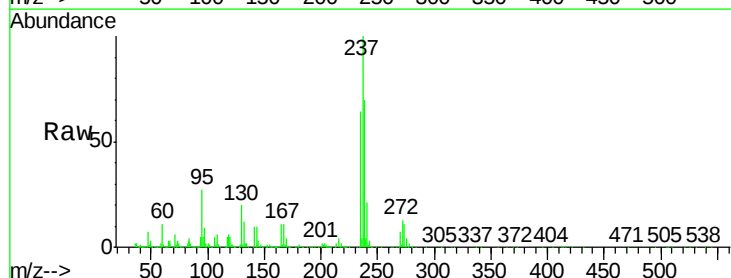
Tgt Ion:237 Resp: 562380

Ion Ratio Lower Upper

237 100

235 63.9 36.2 76.2

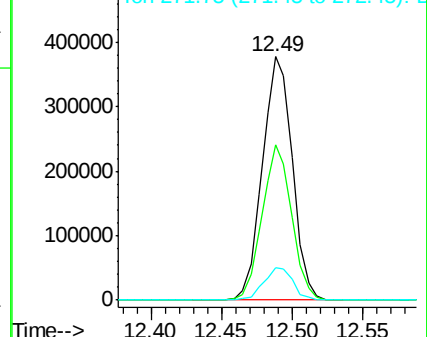
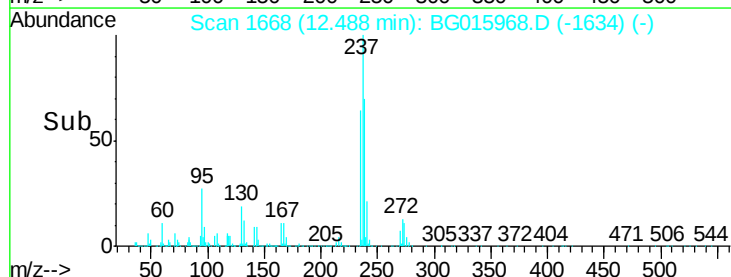
272 13.4 0.0 31.4

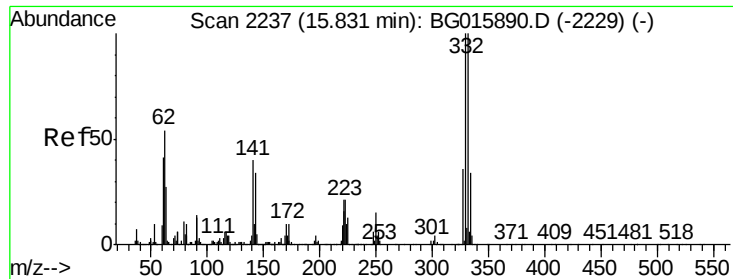


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

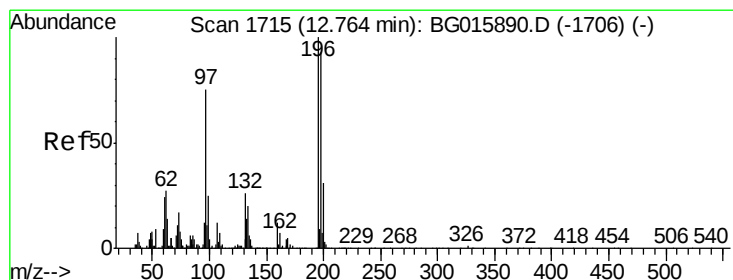
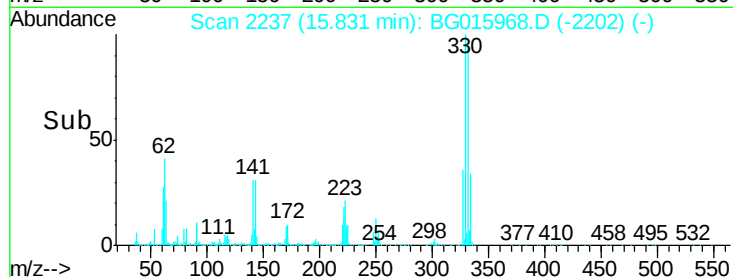
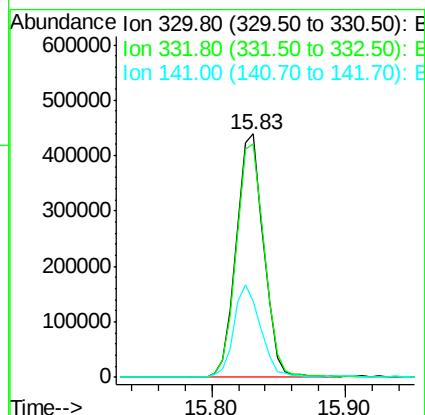
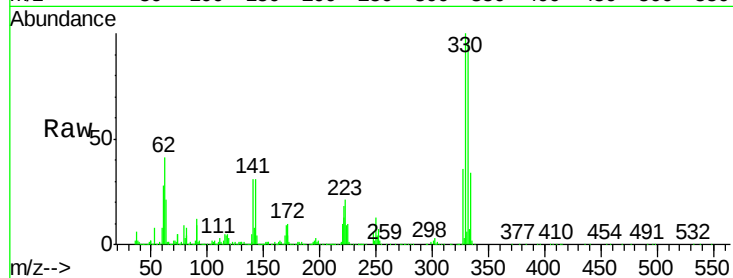




#41
 2,4,6-Tribromophenol
 Concen: 99.93 ng
 RT: 15.83 min Scan# 2237
 Delta R.T. 0.01 min
 Lab File: BG015968.D
 Acq: 28 Jan 2015 4:54

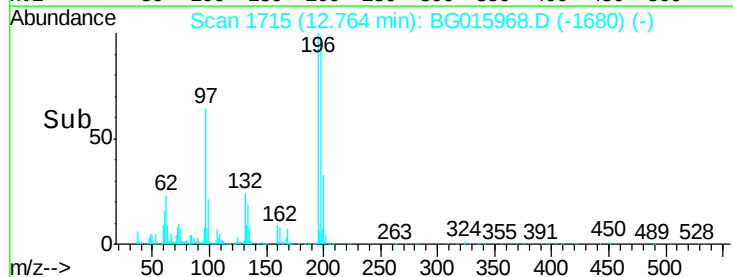
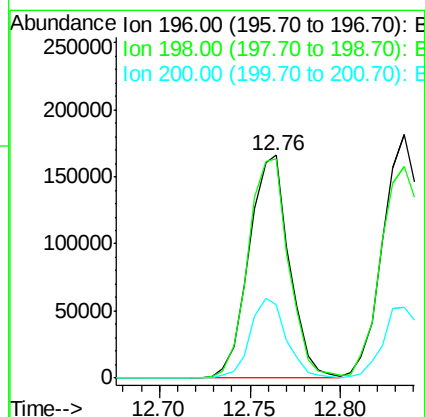
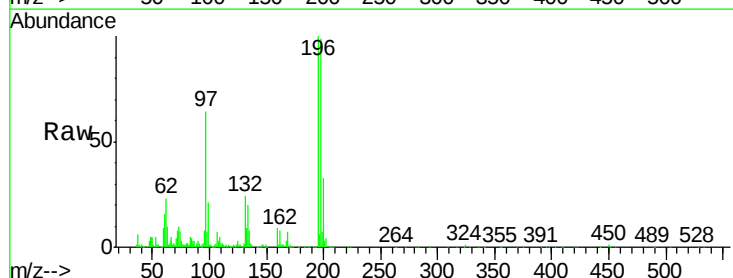
Instrument :
 BNA_G
 ClientSampleId :
 121B4MSD

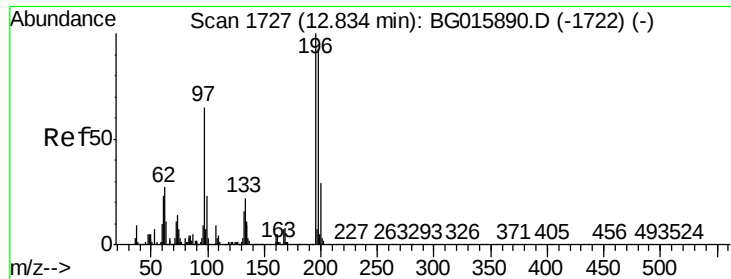
Tgt Ion:330 Resp: 627217
 Ion Ratio Lower Upper
 330 100
 332 98.7 75.4 113.0
 141 37.1 33.0 49.6



#42
 2,4,6-Trichlorophenol
 Concen: 33.68 ng
 RT: 12.76 min Scan# 1715
 Delta R.T. 0.01 min
 Lab File: BG015968.D
 Acq: 28 Jan 2015 4:54

Tgt Ion:196 Resp: 257989
 Ion Ratio Lower Upper
 196 100
 198 98.5 74.1 111.1
 200 33.1 24.6 37.0

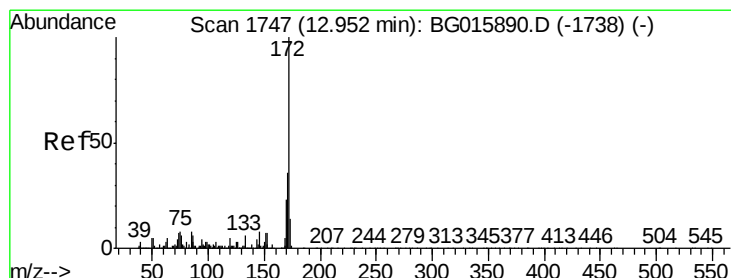
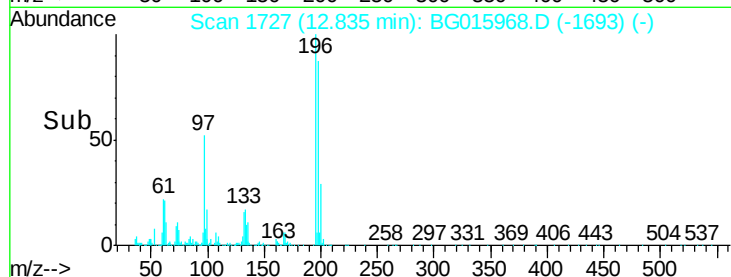
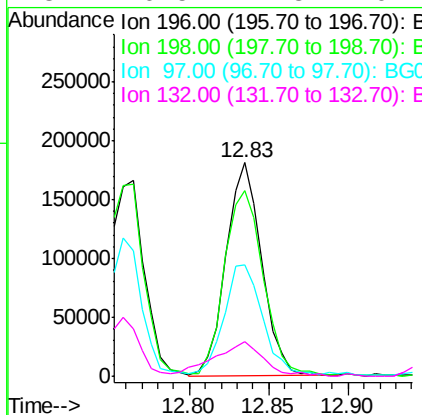
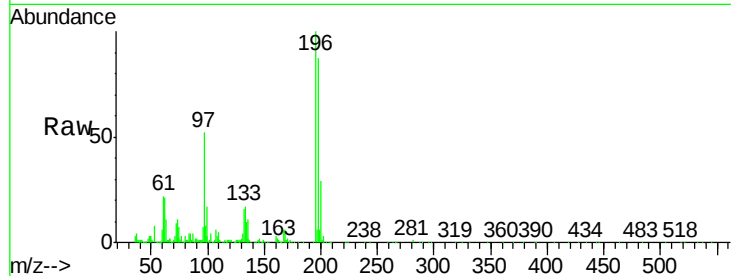




#43
 2,4,5-Trichlorophenol
 Concen: 32.41 ng
 RT: 12.83 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: BG015968.D
 Acq: 28 Jan 2015 4:54

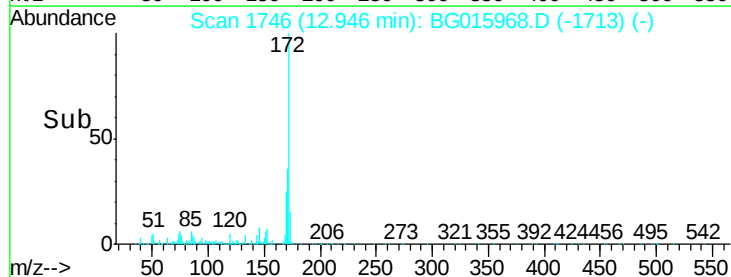
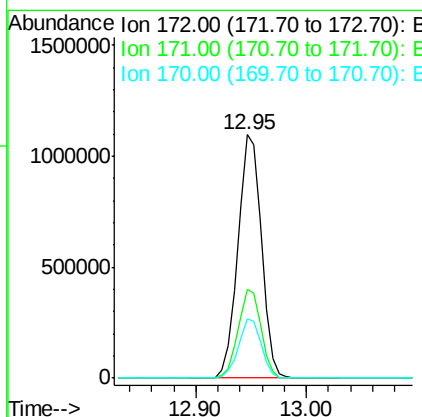
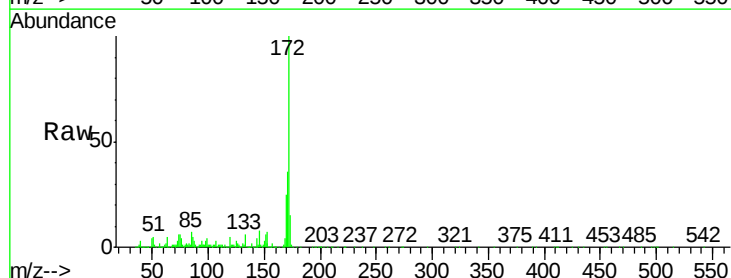
Instrument :
 BNA_G
 ClientSampleId :
 121B4MSD

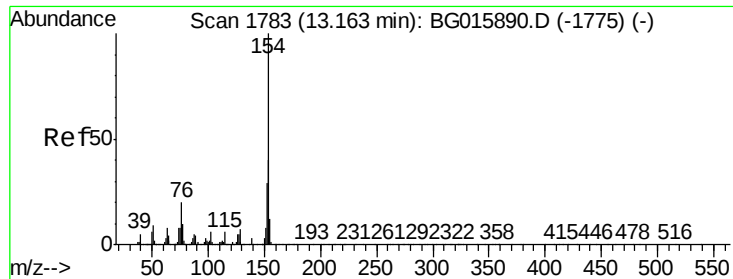
Tgt Ion	Resp	Lower	Upper
196	280617		
198	87.0	74.7	112.1
97	52.1	52.5	78.7#
132	16.5	12.8	19.2



#44
 2-Fluorobiphenyl
 Concen: 75.10 ng
 RT: 12.95 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BG015968.D
 Acq: 28 Jan 2015 4:54

Tgt Ion	Resp	Lower	Upper
172	1641075		
171	36.5	29.2	43.8
170	24.6	18.6	27.8

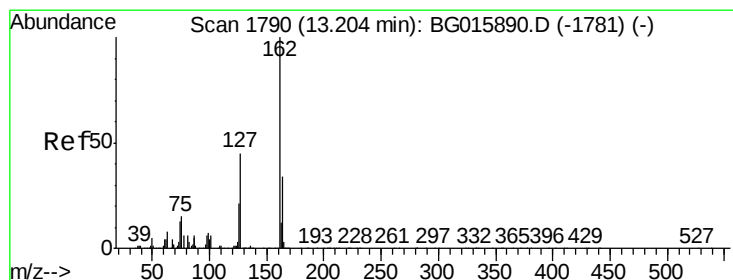
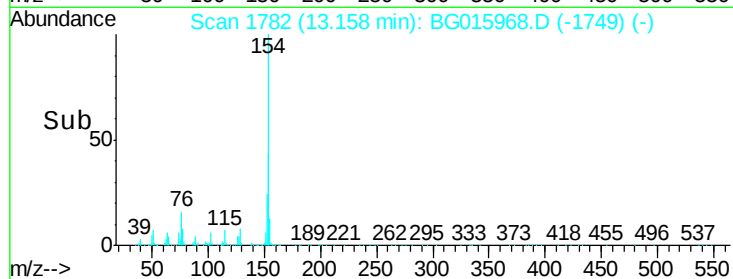
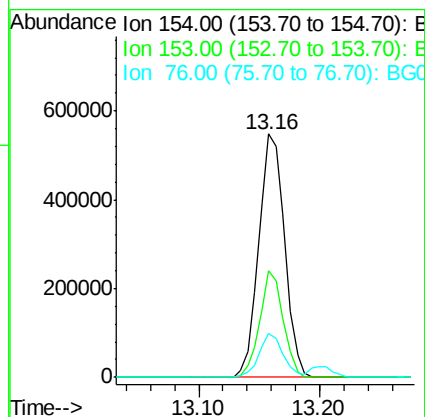
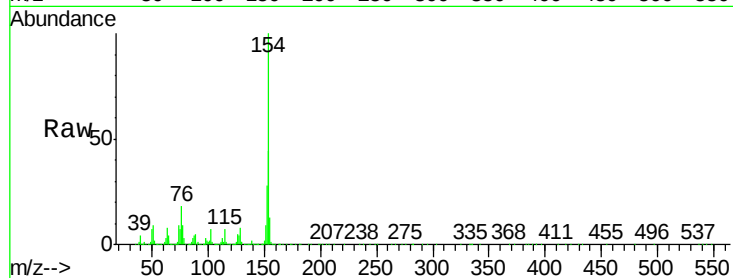




#45
 1,1'-Biphenyl
 Concen: 37.57 ng
 RT: 13.16 min Scan# 1782
 Delta R.T. -0.01 min
 Lab File: BG015968.D
 Acq: 28 Jan 2015 4:54

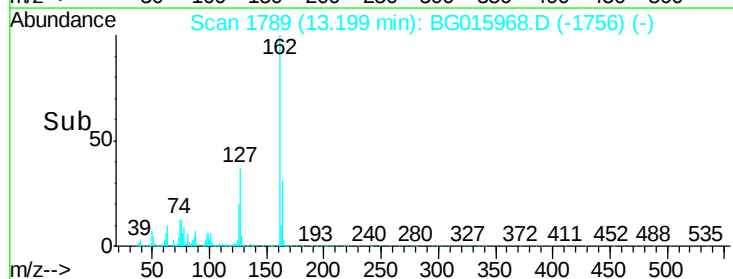
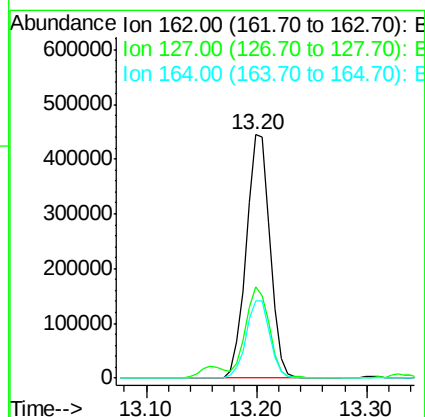
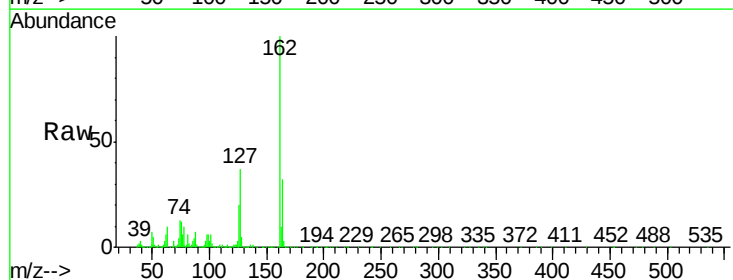
Instrument :
 BNA_G
 ClientSampleId :
 121B4MSD

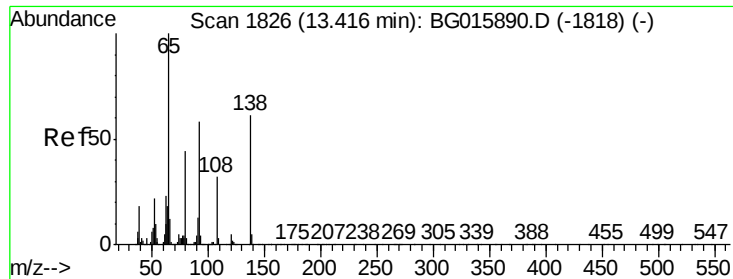
Tgt Ion:	154	Resp:	812954
Ion	Ratio	Lower	Upper
154	100		
153	43.9	20.4	60.4
76	18.2	0.2	40.2



#46
 2-Chloronaphthalene
 Concen: 36.73 ng
 RT: 13.20 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BG015968.D
 Acq: 28 Jan 2015 4:54

Tgt Ion:	162	Resp:	671258
Ion	Ratio	Lower	Upper
162	100		
127	37.3	37.1	55.7
164	31.6	27.0	40.4

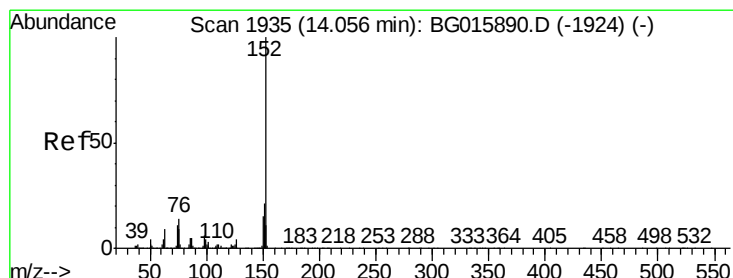
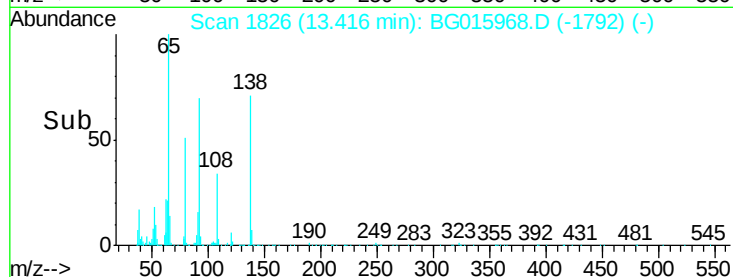
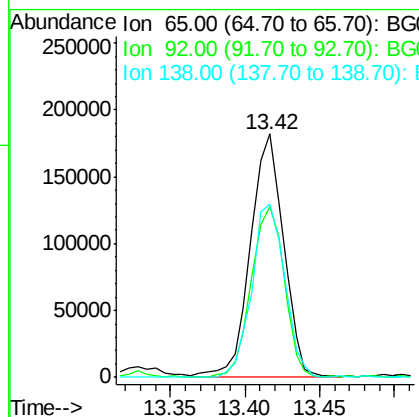
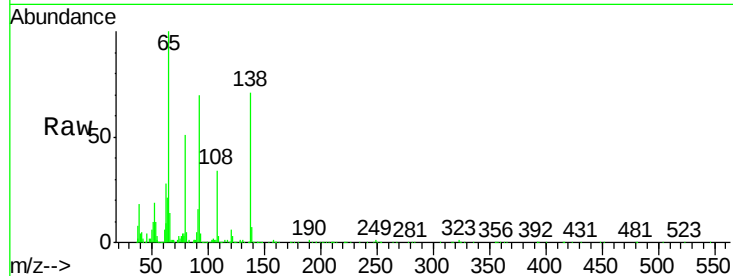




#47
2-Nitroaniline
Concen: 29.95 ng
RT: 13.42 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BG015968.D
Acq: 28 Jan 2015 4:54

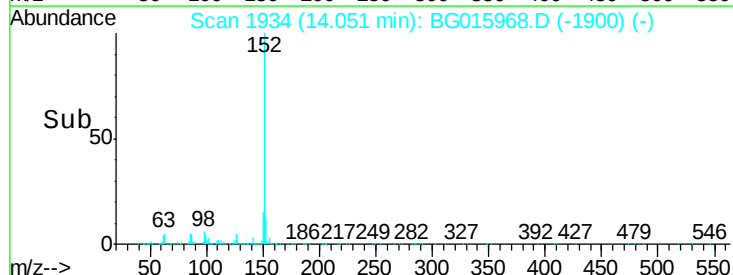
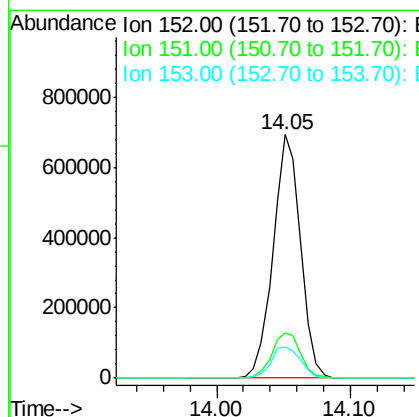
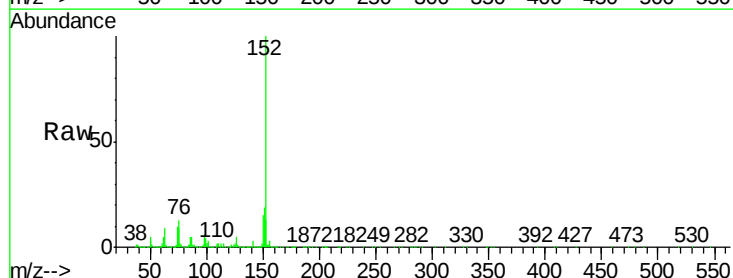
Instrument :
BNA_G
ClientSampleId :
121B4MSD

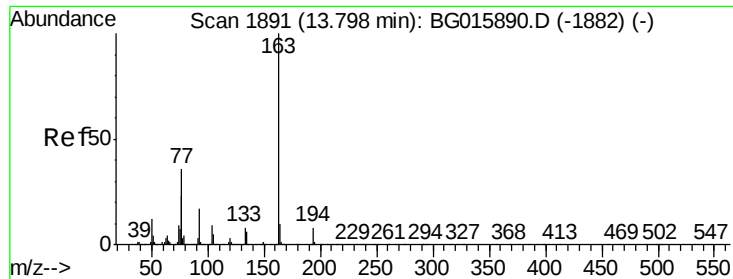
Tgt Ion: 65 Resp: 279233
Ion Ratio Lower Upper
65 100
92 70.1 46.6 70.0#
138 71.4 49.0 73.6



#48
Acenaphthylene
Concen: 35.69 ng
RT: 14.05 min Scan# 1934
Delta R.T. 0.00 min
Lab File: BG015968.D
Acq: 28 Jan 2015 4:54

Tgt Ion: 152 Resp: 990364
Ion Ratio Lower Upper
152 100
151 18.7 16.6 24.8
153 12.8 8.9 13.3

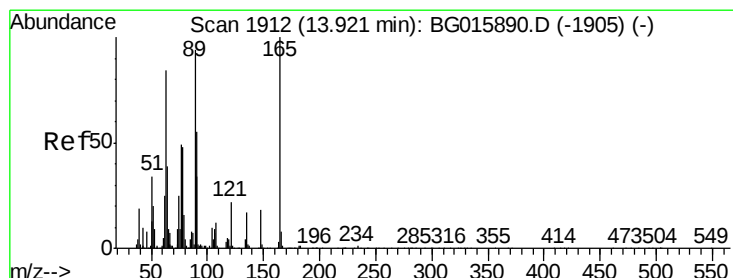
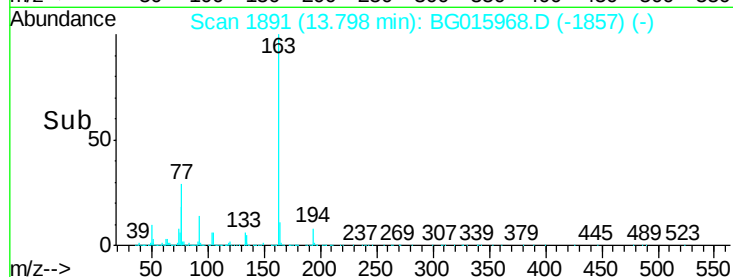
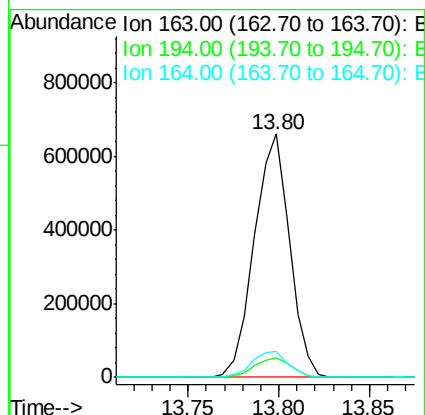
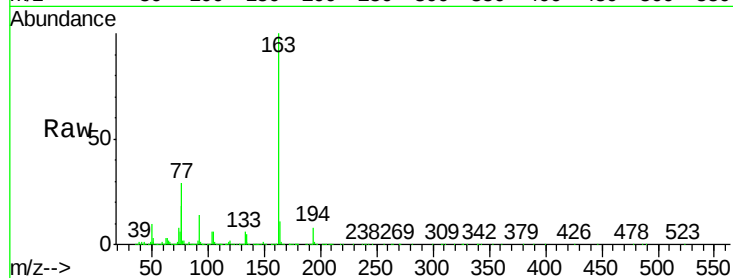




#49
Dimethylphthalate
Concen: 36.23 ng
RT: 13.80 min Scan# 1891
Delta R.T. 0.00 min
Lab File: BG015968.D
Acq: 28 Jan 2015 4:54

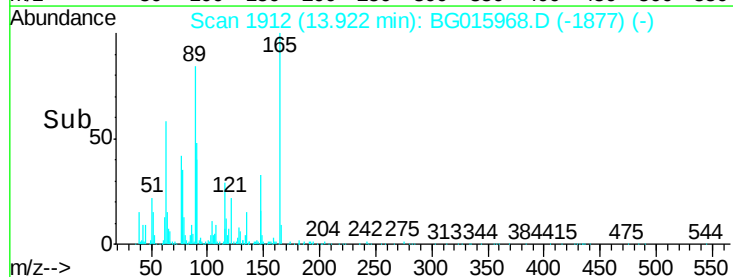
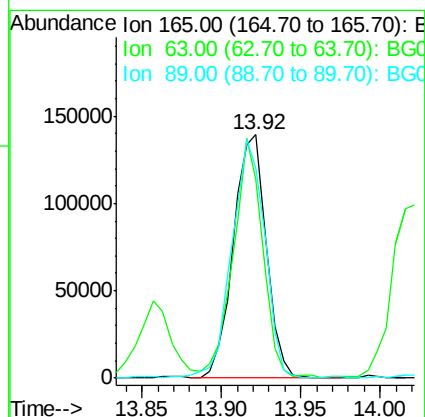
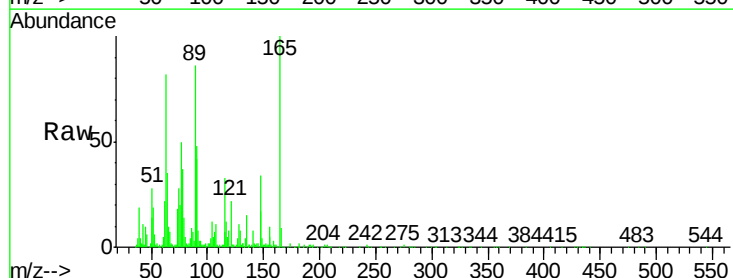
Instrument :
BNA_G
ClientSampleId :
121B4MSD

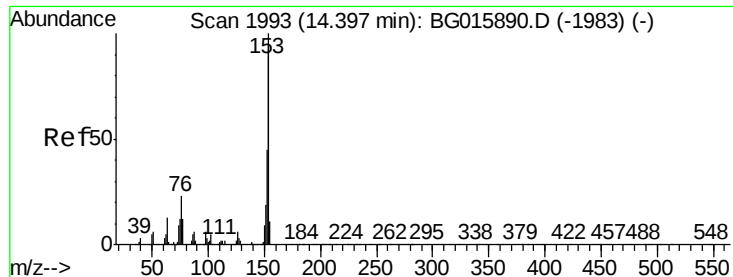
Tgt Ion:163 Resp: 893722
Ion Ratio Lower Upper
163 100
194 8.3 6.2 9.4
164 10.8 8.0 12.0



#50
2,6-Dinitrotoluene
Concen: 35.88 ng
RT: 13.92 min Scan# 1912
Delta R.T. 0.01 min
Lab File: BG015968.D
Acq: 28 Jan 2015 4:54

Tgt Ion:165 Resp: 199858
Ion Ratio Lower Upper
165 100
63 81.7 68.3 102.5
89 86.3 75.4 113.2





#51

Acenaphthene

Concen: 37.25 ng

RT: 14.40 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BG015968.D

Acq: 28 Jan 2015 4:54

Instrument :

BNA_G

ClientSampleId :

121B4MSD

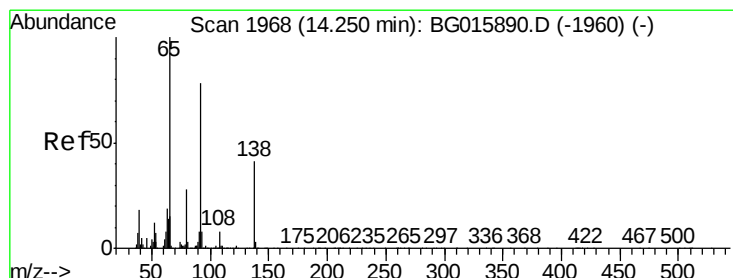
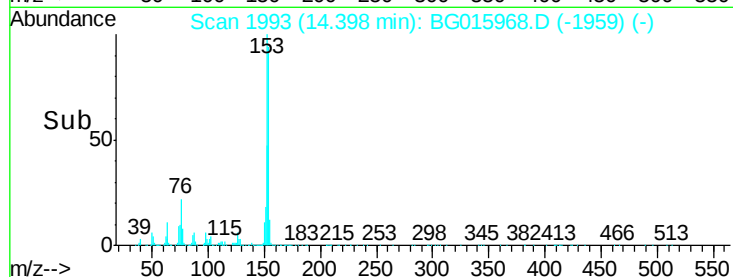
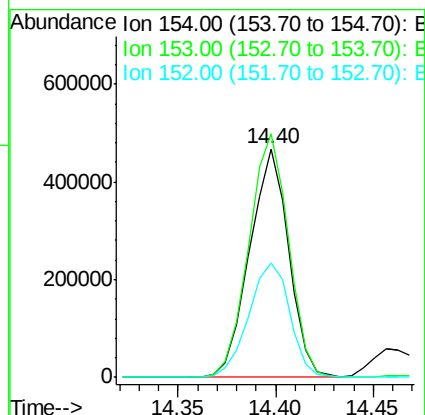
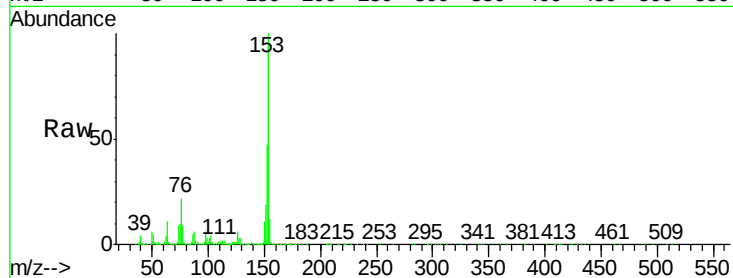
Tgt Ion:154 Resp: 649420

Ion Ratio Lower Upper

154 100

153 106.5 85.1 127.7

152 49.9 38.3 57.5



#52

3-Nitroaniline

Concen: 22.49 ng

RT: 14.24 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG015968.D

Acq: 28 Jan 2015 4:54

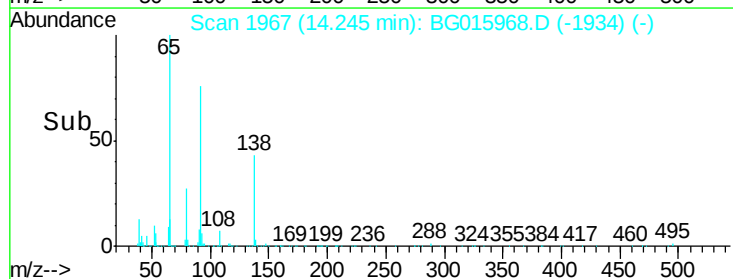
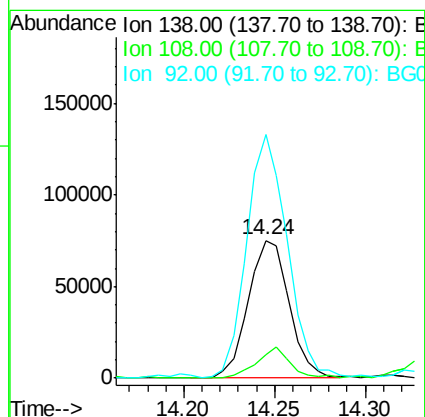
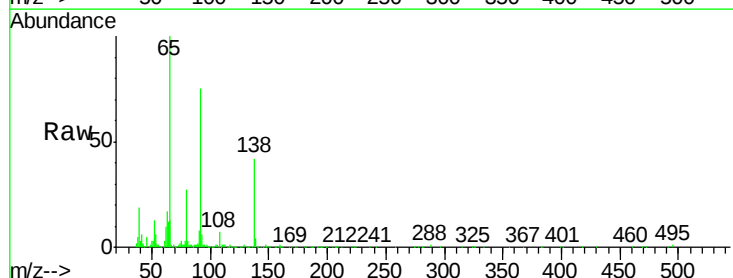
Tgt Ion:138 Resp: 117825

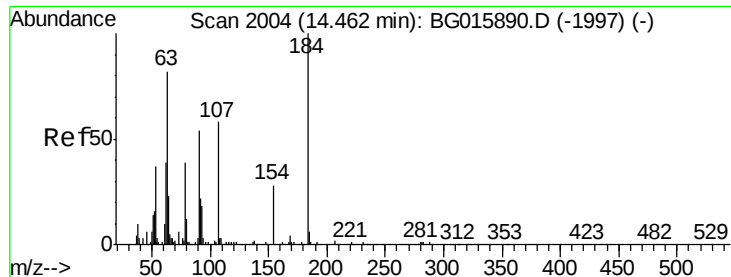
Ion Ratio Lower Upper

138 100

108 18.1 15.9 23.9

92 177.1 154.0 231.0

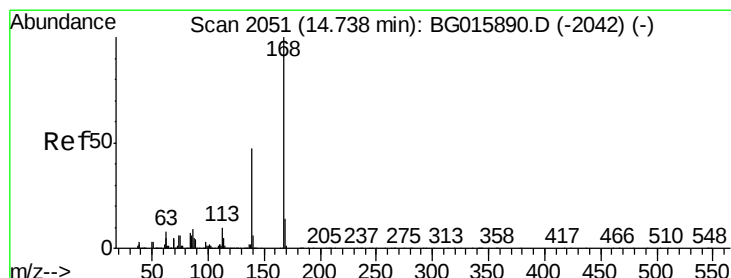
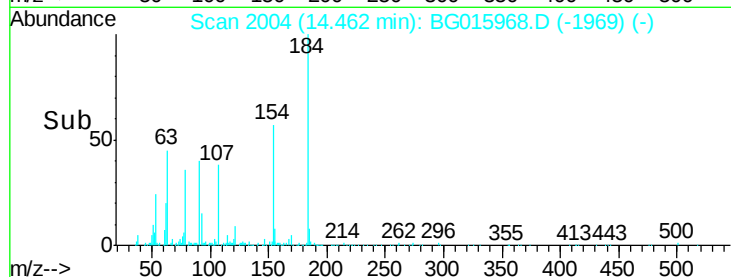
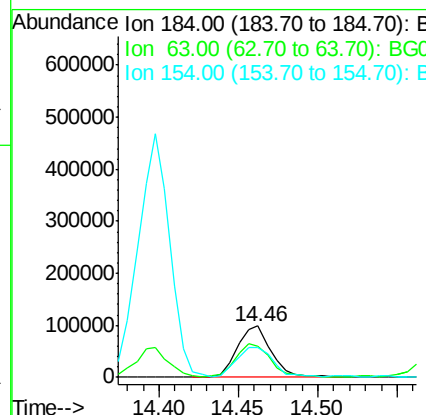
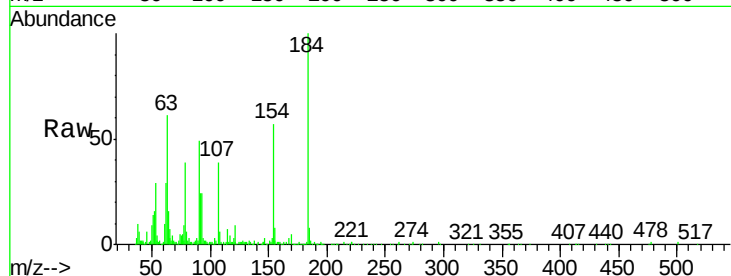




#53
2,4-Dinitrophenol
Concen: 44.01 ng
RT: 14.46 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BG015968.D
Acq: 28 Jan 2015 4:54

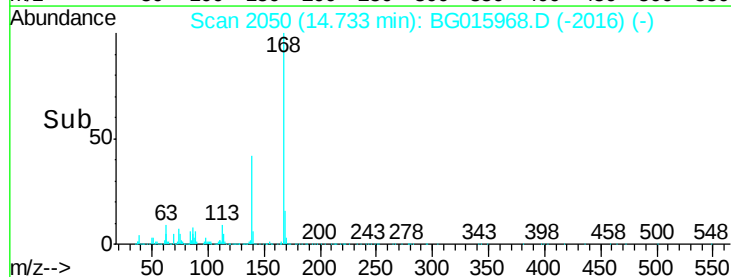
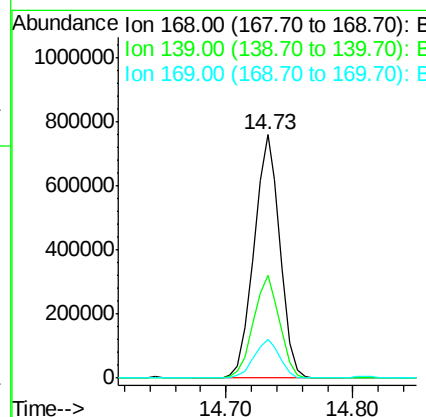
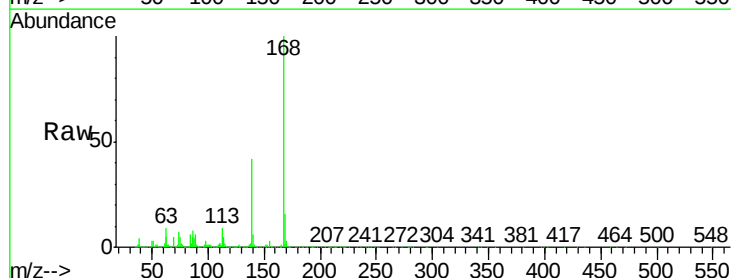
Instrument :
BNA_G
ClientSampleId :
121B4MSD

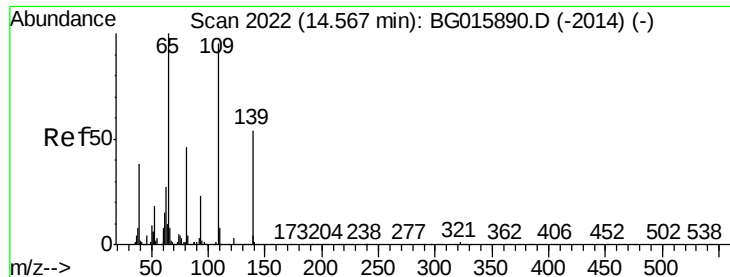
Tgt Ion:184 Resp: 146741
Ion Ratio Lower Upper
184 100
63 60.9 68.6 103.0#
154 56.7 54.9 82.3



#54
Dibenzofuran
Concen: 37.33 ng
RT: 14.73 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BG015968.D
Acq: 28 Jan 2015 4:54

Tgt Ion:168 Resp: 1073739
Ion Ratio Lower Upper
168 100
139 42.4 37.8 56.8
169 16.2 11.5 17.3

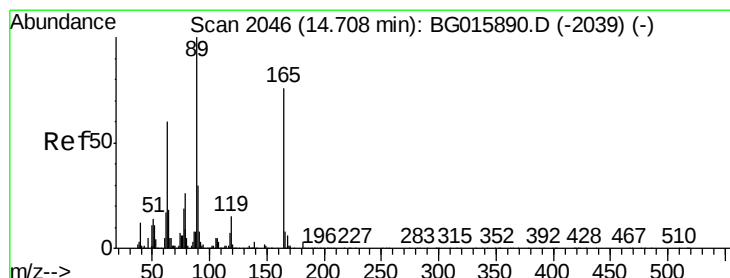
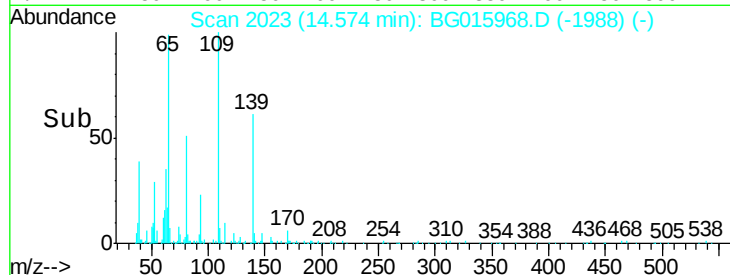
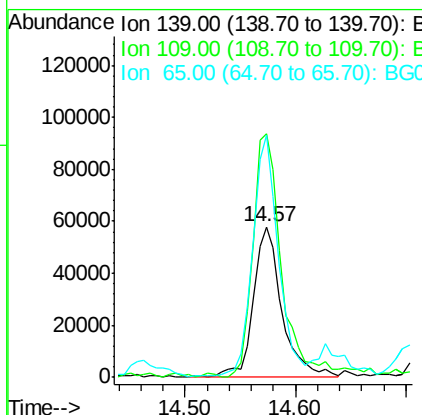
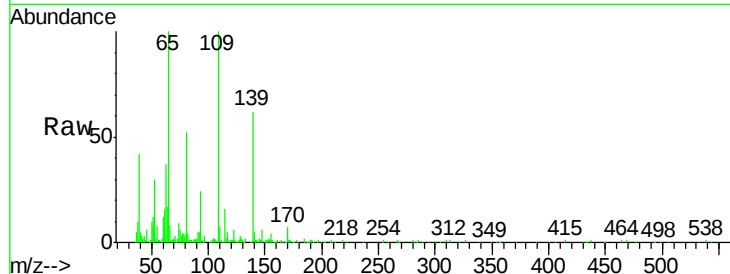




#55
4-Nitrophenol
Concen: 29.24 ng
RT: 14.57 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BG015968.D
Acq: 28 Jan 2015 4:54

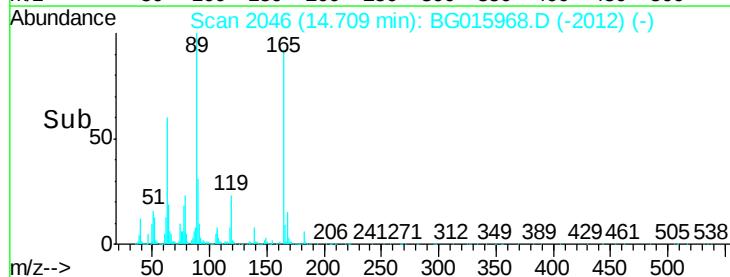
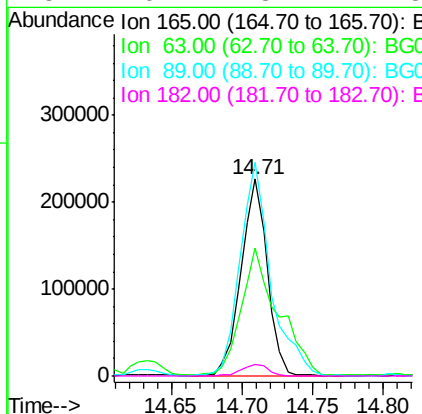
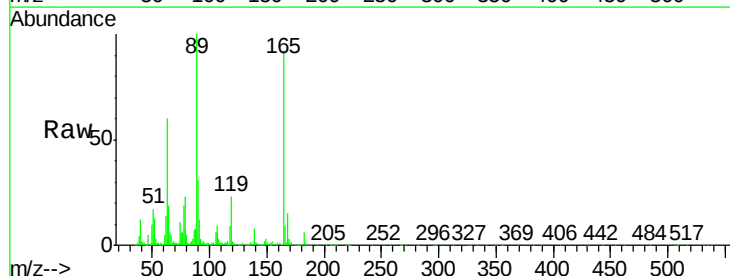
Instrument :
BNA_G
ClientSampleId :
121B4MSD

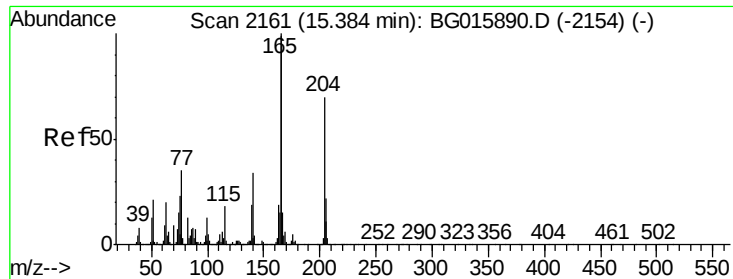
Tgt Ion:139 Resp: 105435
Ion Ratio Lower Upper
139 100
109 162.0 156.3 196.3
65 161.6 166.3 206.3#



#56
2,4-Dinitrotoluene
Concen: 36.16 ng
RT: 14.71 min Scan# 2046
Delta R.T. 0.00 min
Lab File: BG015968.D
Acq: 28 Jan 2015 4:54

Tgt Ion:165 Resp: 294676
Ion Ratio Lower Upper
165 100
63 65.4 62.6 93.8
89 108.6 104.6 157.0
182 6.1 3.2 4.8#

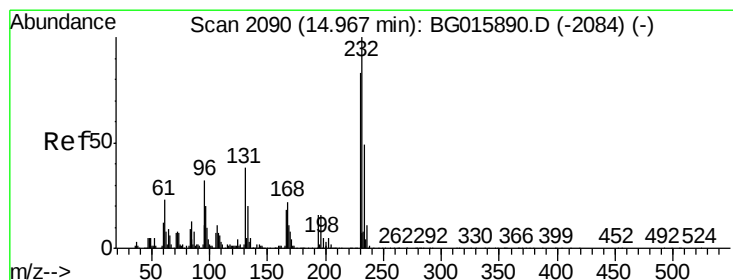
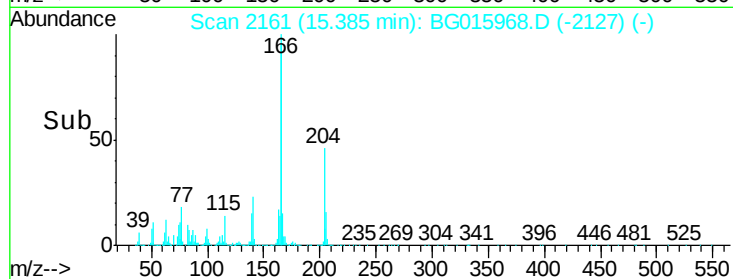
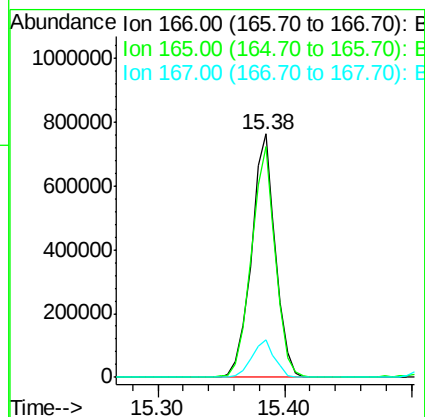
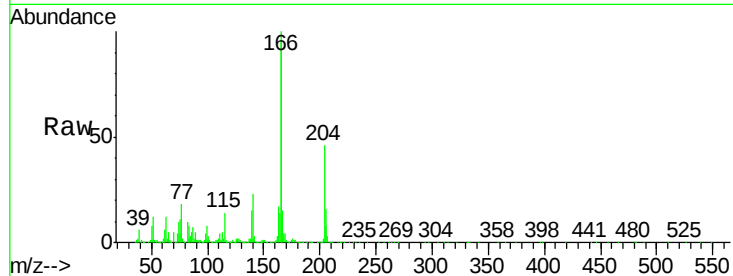




#57
Fluorene
 Concen: 38.48 ng
 RT: 15.38 min Scan# 2161
 Delta R.T. 0.00 min
 Lab File: BG015968.D
 Acq: 28 Jan 2015 4:54

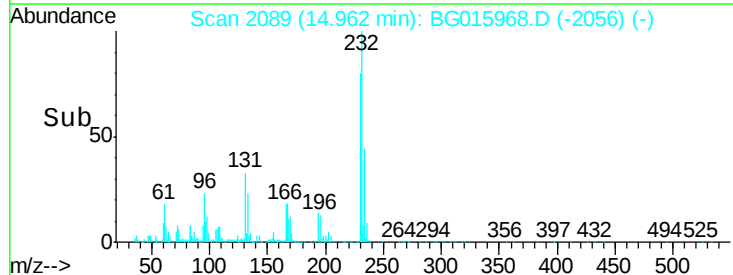
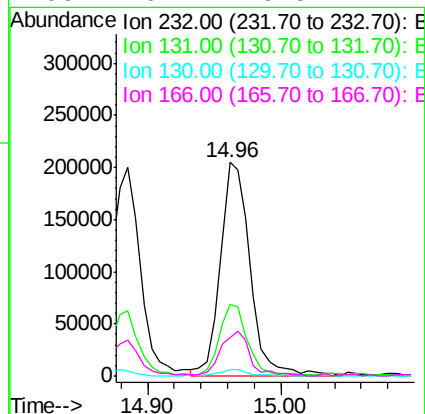
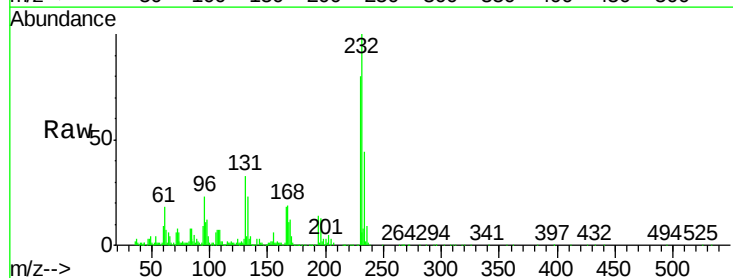
Instrument :
 BNA_G
 ClientSampleId :
 121B4MSD

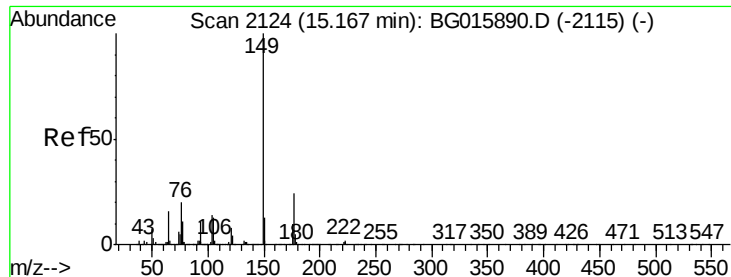
Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.1	80.6	120.8
167	15.2	12.5	18.7



#58
2,3,4,6-Tetrachlorophenol
 Concen: 33.70 ng
 RT: 14.96 min Scan# 2089
 Delta R.T. -0.01 min
 Lab File: BG015968.D
 Acq: 28 Jan 2015 4:54

Tgt Ion	Ratio	Lower	Upper
232	100		
131	31.1	29.1	43.7
130	3.0	1.7	2.5#
166	20.2	16.5	24.7

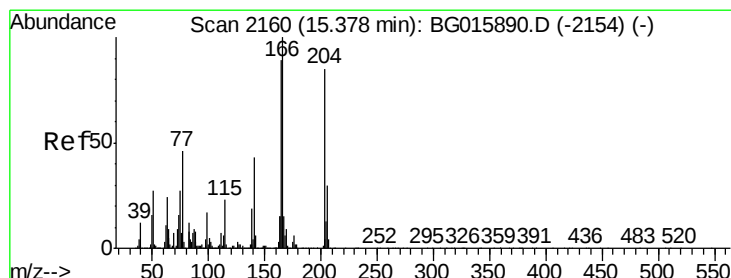
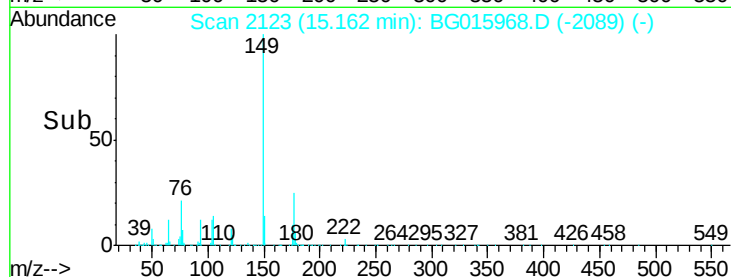
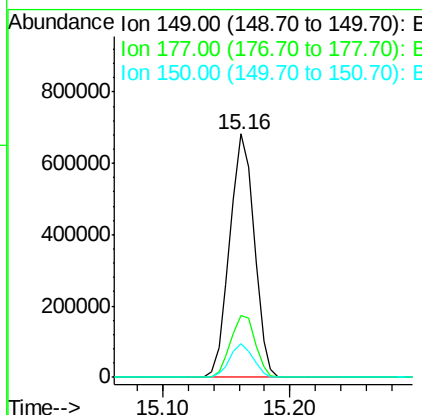
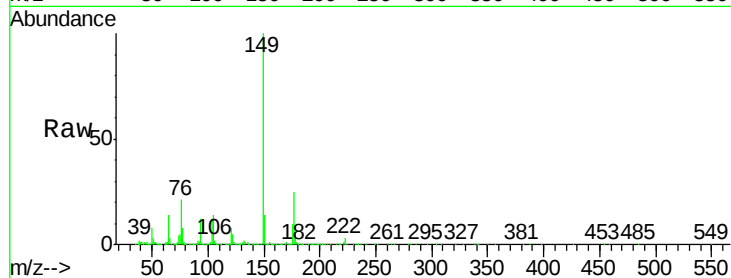




#59
Diethylphthalate
Concen: 36.25 ng
RT: 15.16 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BG015968.D
Acq: 28 Jan 2015 4:54

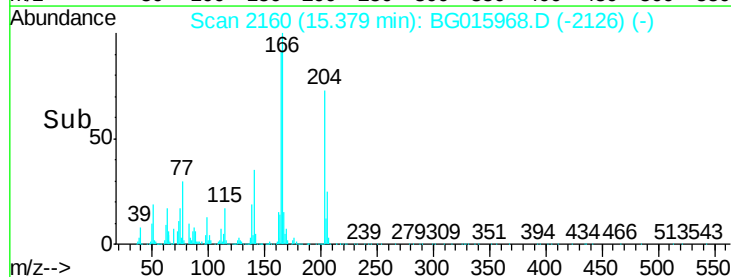
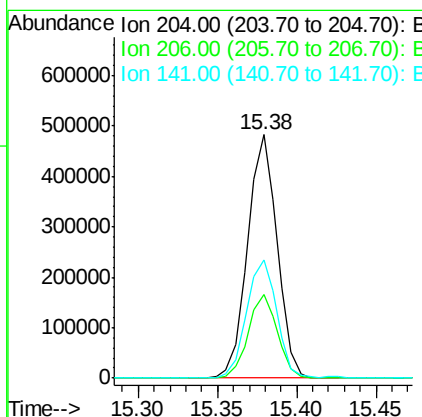
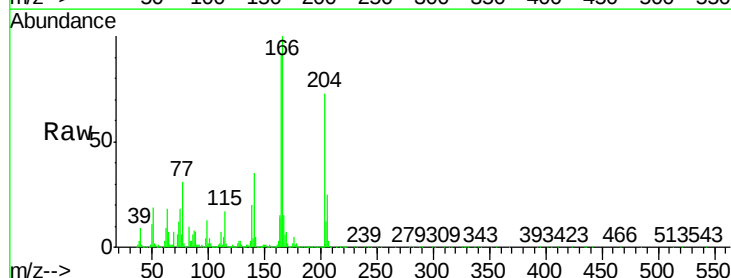
Instrument :
BNA_G
ClientSampleId :
121B4MSD

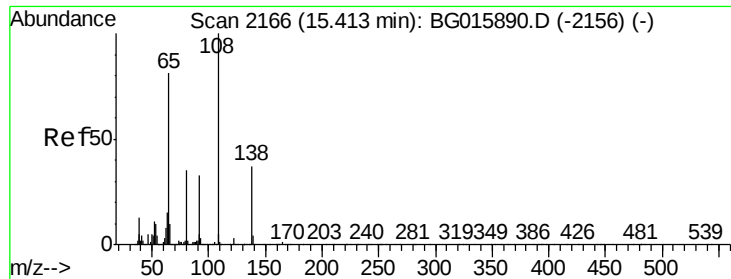
Tgt Ion:149 Resp: 913173
Ion Ratio Lower Upper
149 100
177 25.4 19.4 29.0
150 13.6 10.2 15.4



#60
4-Chlorophenyl-phenylether
Concen: 36.16 ng
RT: 15.38 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG015968.D
Acq: 28 Jan 2015 4:54

Tgt Ion:204 Resp: 624030
Ion Ratio Lower Upper
204 100
206 34.2 28.4 42.6
141 48.7 41.0 61.6





#61

4-Nitroaniline

Concen: 32.84 ng

RT: 15.41 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BG015968.D

Acq: 28 Jan 2015 4:54

Instrument :

BNA_G

ClientSampleId :

121B4MSD

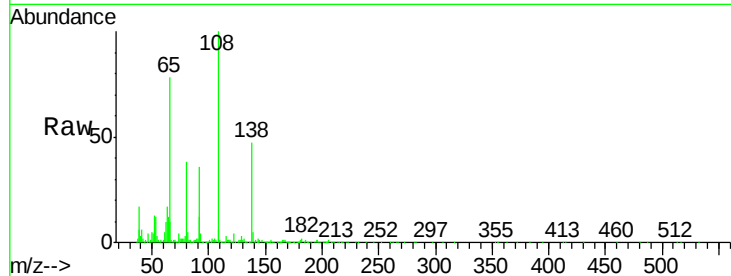
Tgt Ion:138 Resp: 182506

Ion Ratio Lower Upper

138 100

92 77.4 70.7 110.7

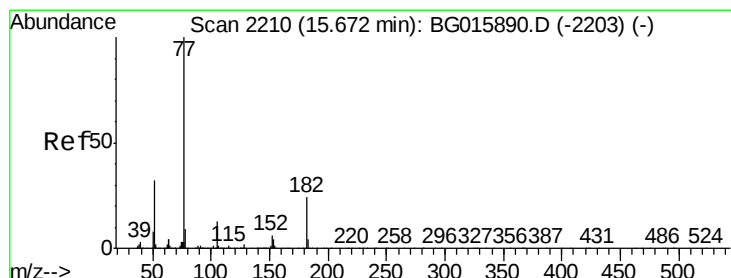
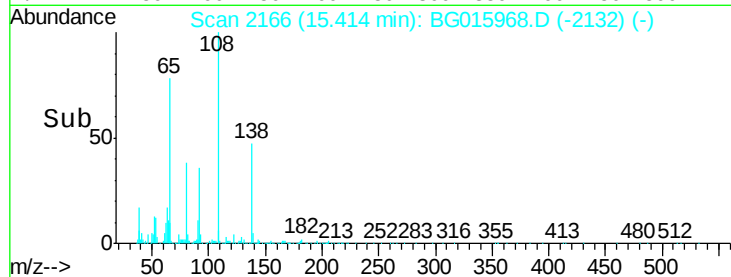
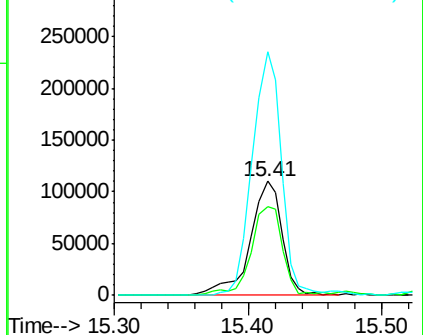
108 213.4 251.1 291.1#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 31.51 ng

RT: 15.67 min Scan# 2210

Delta R.T. 0.00 min

Lab File: BG015968.D

Acq: 28 Jan 2015 4:54

Tgt Ion: 77 Resp: 1285208

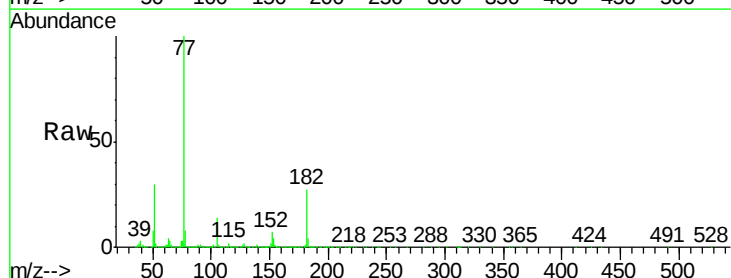
Ion Ratio Lower Upper

77 100

182 27.4 3.6 43.6

105 13.6 0.0 32.9

51 29.7 11.8 51.8

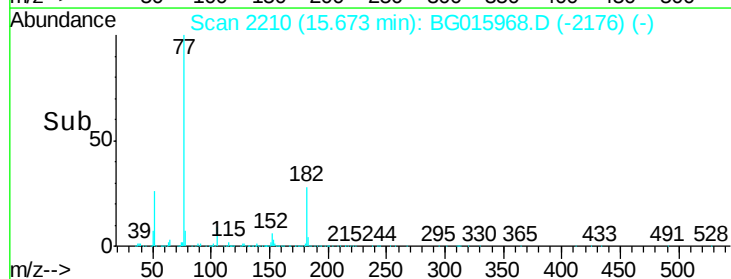
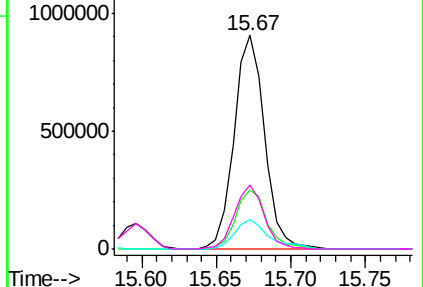


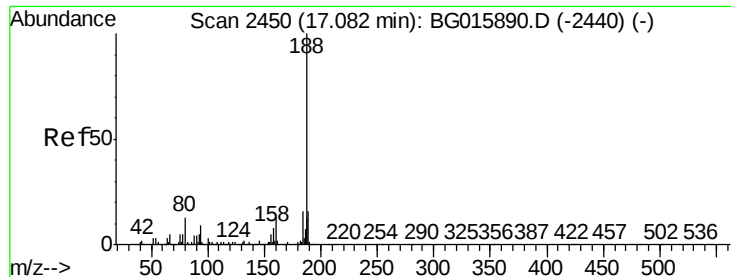
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.08 min Scan# 2450

Delta R.T. 0.01 min

Lab File: BG015968.D

Acq: 28 Jan 2015 4:54

Instrument :

BNA_G

ClientSampleId :

121B4MSD

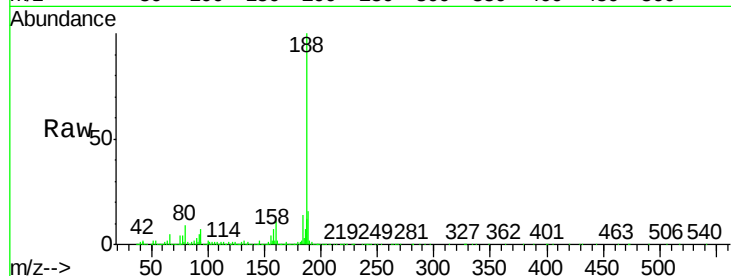
Tgt Ion:188 Resp: 933601

Ion Ratio Lower Upper

188 100

94 6.6 7.8 11.8#

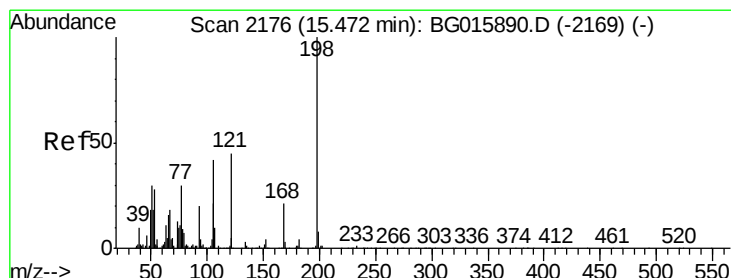
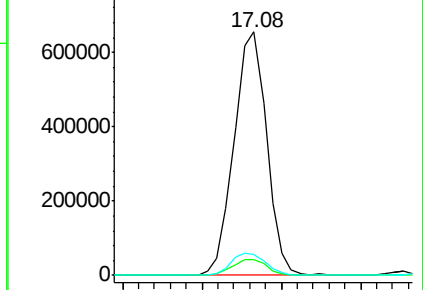
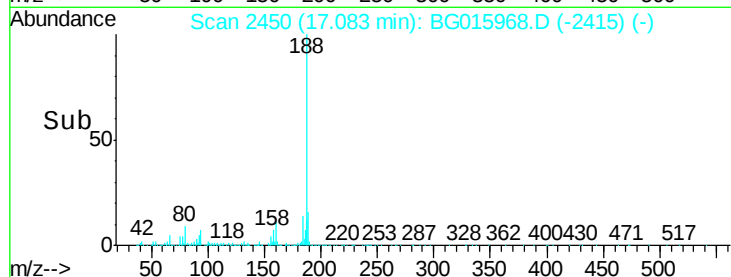
80 8.6 10.6 16.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG015968.D (-2415) (-)

Ion 80.00 (79.70 to 80.70): BG015968.D (-2415) (-)



#64

4,6-Dinitro-2-methylphenol

Concen: 26.74 ng

RT: 15.47 min Scan# 2176

Delta R.T. 0.00 min

Lab File: BG015968.D

Acq: 28 Jan 2015 4:54

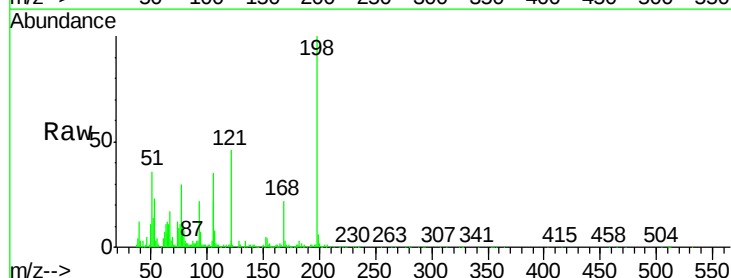
Tgt Ion:198 Resp: 180157

Ion Ratio Lower Upper

198 100

51 36.0 12.3 52.3

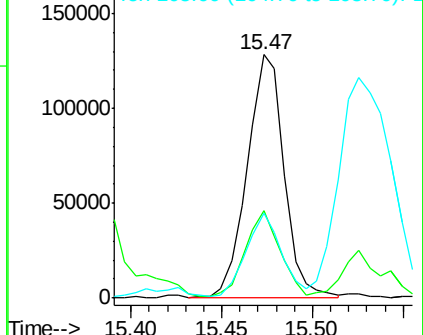
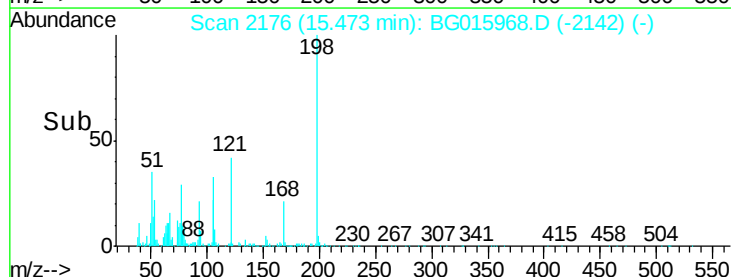
105 34.9 22.3 62.3

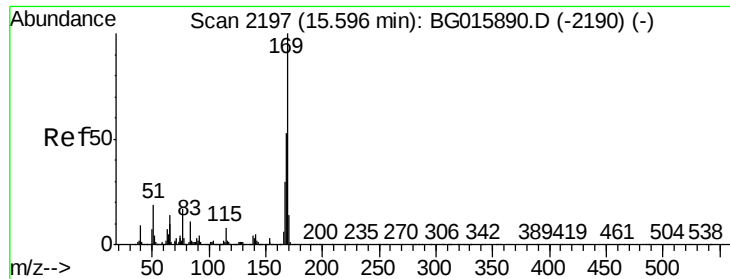


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG015968.D (-2142) (-)

Ion 105.00 (104.70 to 105.70): BG015968.D (-2142) (-)

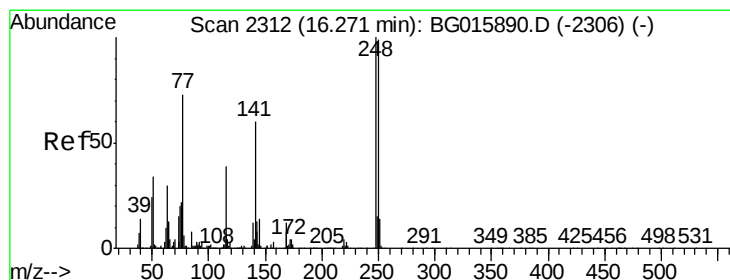
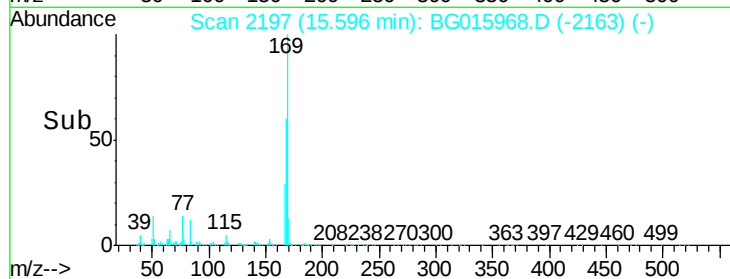
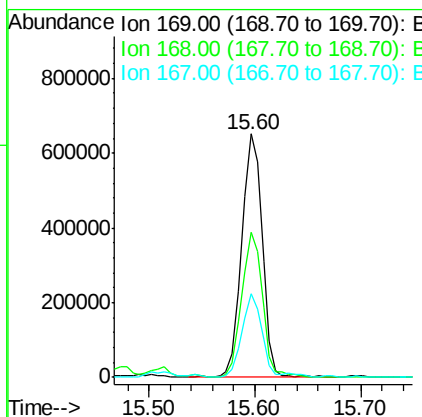
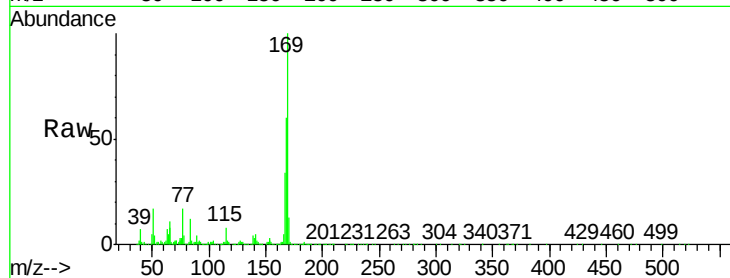




#65
n-Nitrosodiphenylamine
Concen: 32.74 ng
RT: 15.60 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BG015968.D
Acq: 28 Jan 2015 4:54

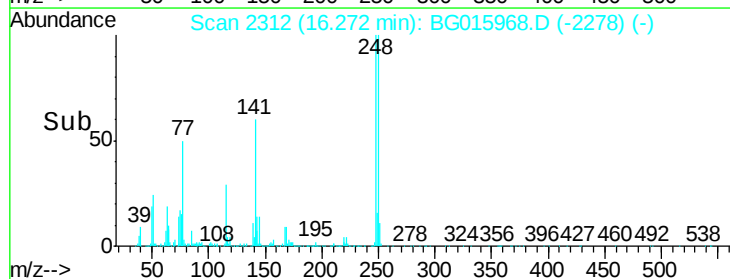
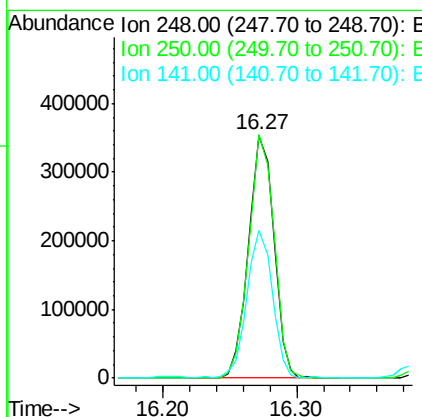
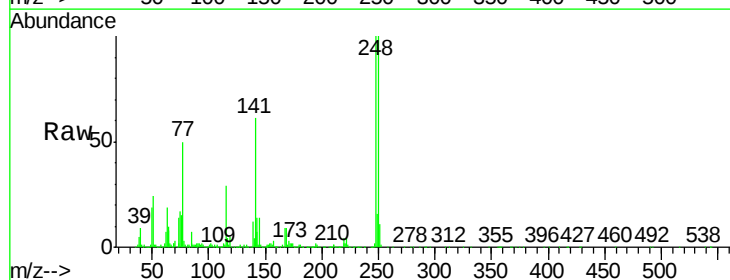
Instrument :
BNA_G
ClientSampleId :
121B4MSD

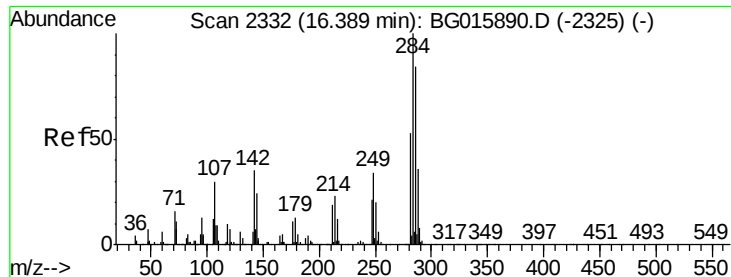
Tgt Ion	Ratio	Lower	Upper
169	100		
168	59.8	42.3	63.5
167	34.3	24.2	36.2



#66
4-Bromophenyl-phenylether
Concen: 33.96 ng
RT: 16.27 min Scan# 2312
Delta R.T. 0.00 min
Lab File: BG015968.D
Acq: 28 Jan 2015 4:54

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.5	79.3	118.9
141	61.1	47.8	71.6





#67

Hexachlorobenzene

Concen: 34.39 ng

RT: 16.39 min Scan# 2332

Delta R.T. 0.00 min

Lab File: BG015968.D

Acq: 28 Jan 2015 4:54

Instrument :

BNA_G

ClientSampleId :

121B4MSD

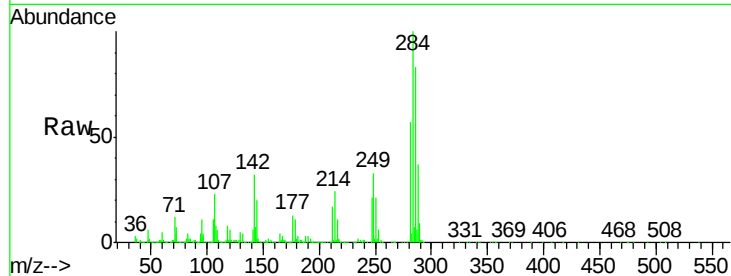
Tgt Ion:284 Resp: 506766

Ion Ratio Lower Upper

284 100

142 31.5 27.8 41.6

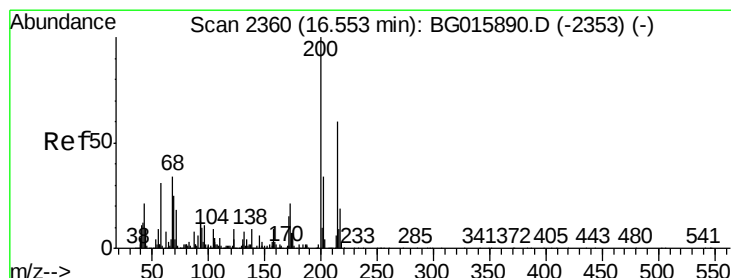
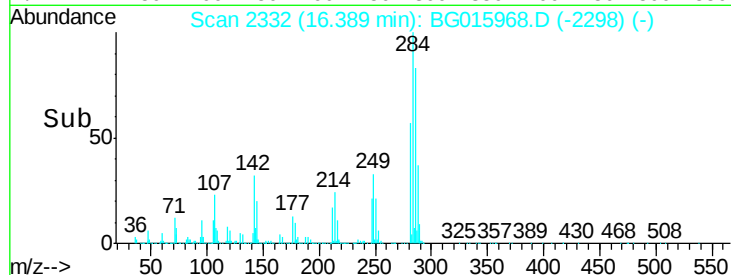
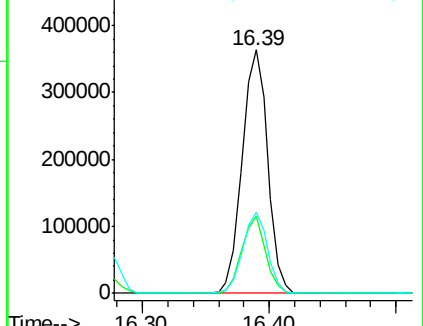
249 34.9 29.3 43.9



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 31.76 ng

RT: 16.55 min Scan# 2360

Delta R.T. 0.01 min

Lab File: BG015968.D

Acq: 28 Jan 2015 4:54

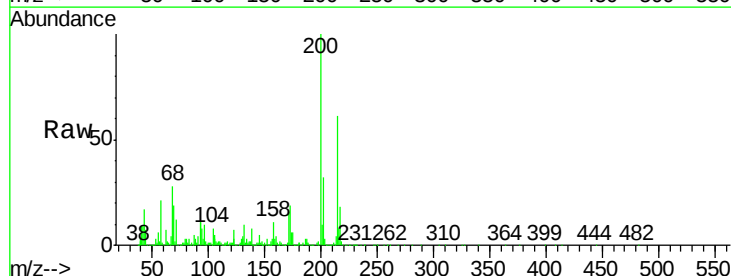
Tgt Ion:200 Resp: 407171

Ion Ratio Lower Upper

200 100

173 18.9 0.8 40.8

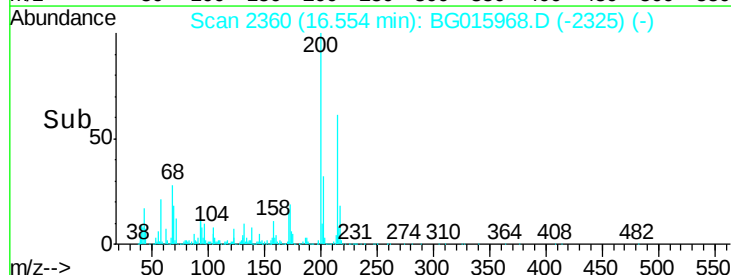
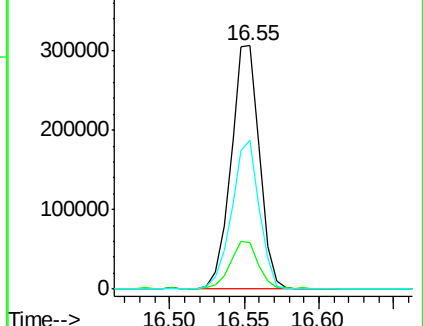
215 61.4 40.0 80.0

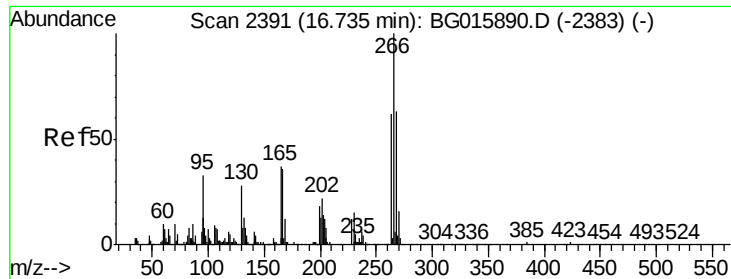


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

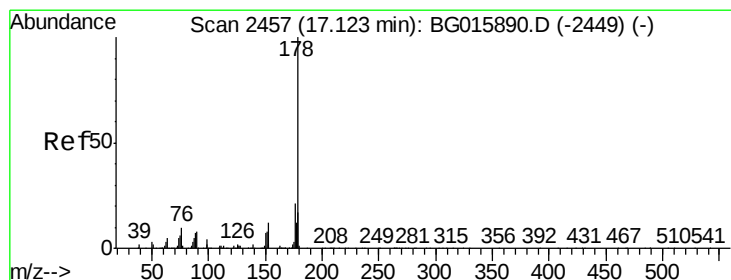
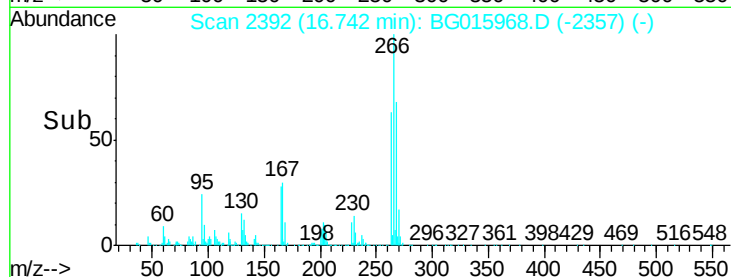
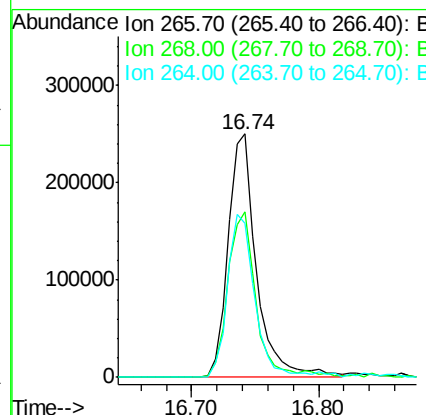
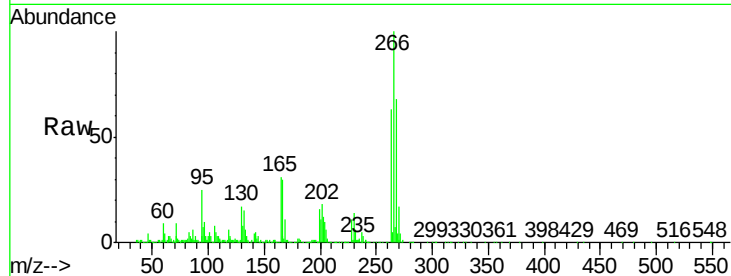




#69
 Pentachlorophenol
 Concen: 54.16 ng
 RT: 16.74 min Scan# 2392
 Delta R.T. 0.01 min
 Lab File: BG015968.D
 Acq: 28 Jan 2015 4:54

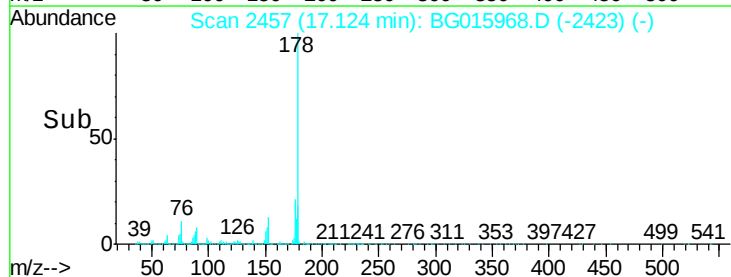
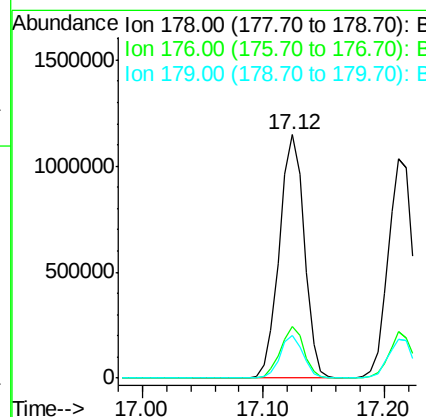
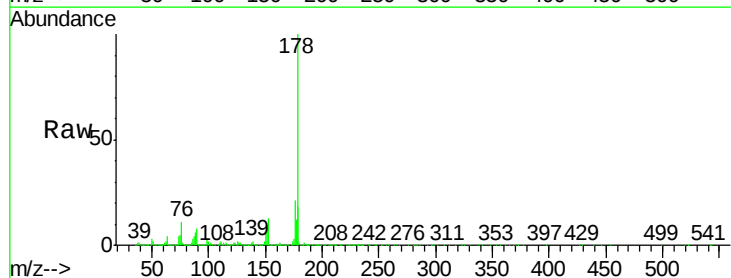
Instrument :
 BNA_G
 ClientSampleId :
 121B4MSD

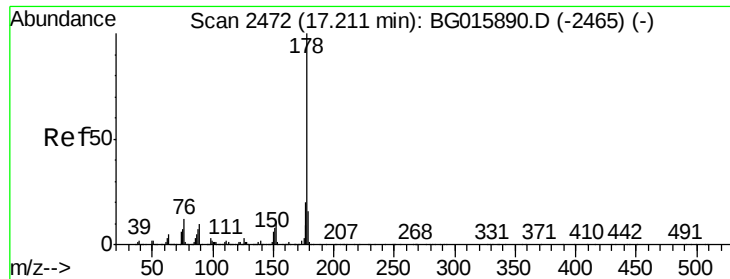
Tgt Ion:266 Resp: 388211
 Ion Ratio Lower Upper
 266 100
 268 71.7 53.5 80.3
 264 67.9 51.9 77.9



#70
 Phenanthrene
 Concen: 34.77 ng
 RT: 17.12 min Scan# 2457
 Delta R.T. 0.00 min
 Lab File: BG015968.D
 Acq: 28 Jan 2015 4:54

Tgt Ion:178 Resp: 1628705
 Ion Ratio Lower Upper
 178 100
 176 21.1 16.9 25.3
 179 17.7 13.3 19.9

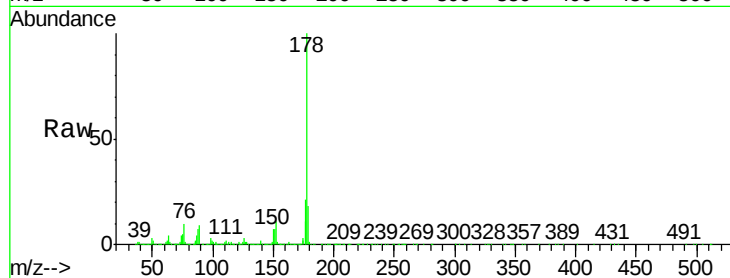




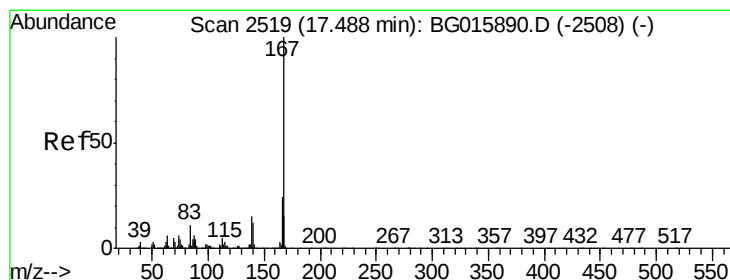
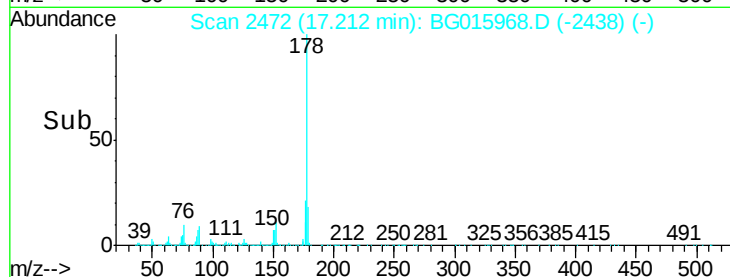
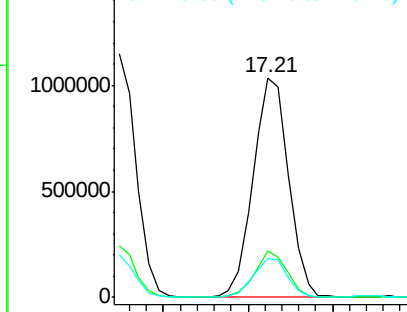
#71
 Anthracene
 Concen: 32.59 ng
 RT: 17.21 min Scan# 2472
 Delta R.T. 0.00 min
 Lab File: BG015968.D
 Acq: 28 Jan 2015 4:54

Instrument :
 BNA_G
 ClientSampleId :
 121B4MSD

Tgt Ion:178 Resp: 1497765
 Ion Ratio Lower Upper
 178 100
 176 20.9 15.7 23.5
 179 17.6 12.7 19.1

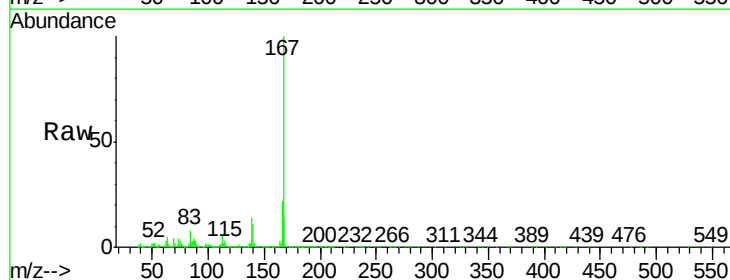


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

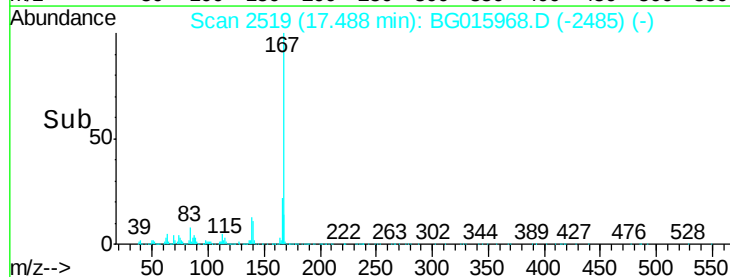
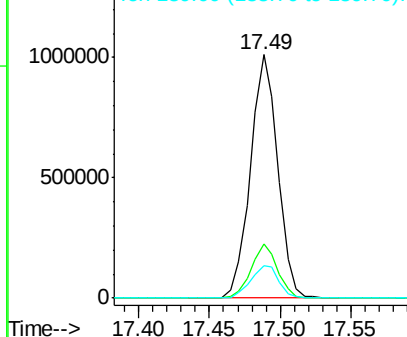


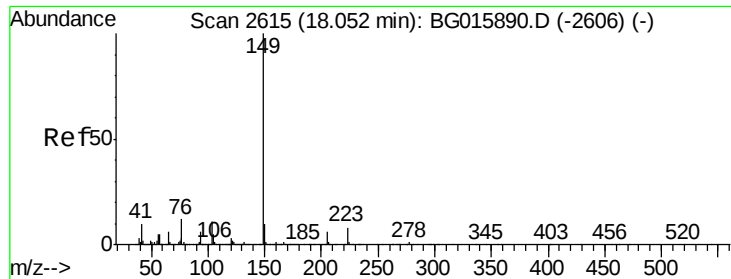
#72
 Carbazole
 Concen: 33.85 ng
 RT: 17.49 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BG015968.D
 Acq: 28 Jan 2015 4:54

Tgt Ion:167 Resp: 1371580
 Ion Ratio Lower Upper
 167 100
 166 22.2 19.4 29.2
 139 13.5 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: 32.70 ng

RT: 18.05 min Scan# 2615

Delta R.T. 0.00 min

Lab File: BG015968.D

Acq: 28 Jan 2015 4:54

Instrument :

BNA_G

ClientSampleId :

121B4MSD

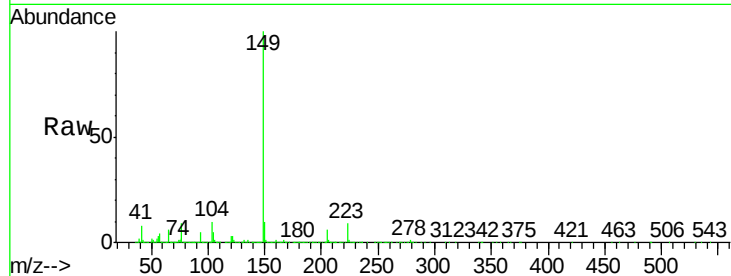
Tgt Ion:149 Resp: 1524829

Ion Ratio Lower Upper

149 100

150 9.8 8.2 12.4

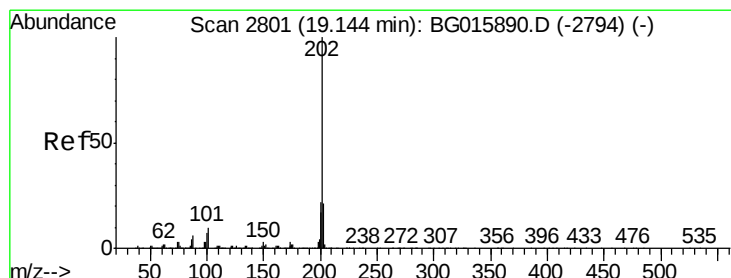
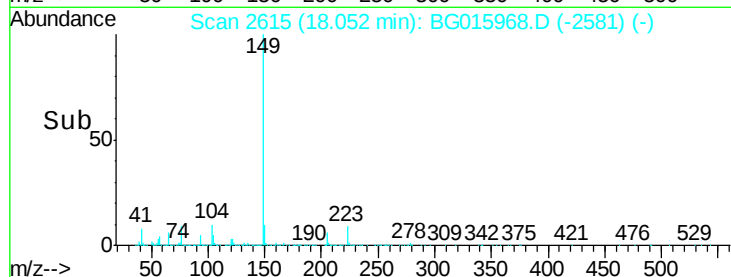
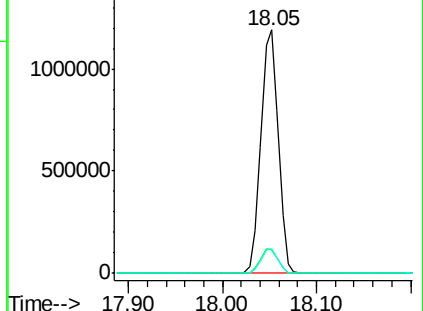
104 10.3 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 31.42 ng

RT: 19.15 min Scan# 2801

Delta R.T. 0.00 min

Lab File: BG015968.D

Acq: 28 Jan 2015 4:54

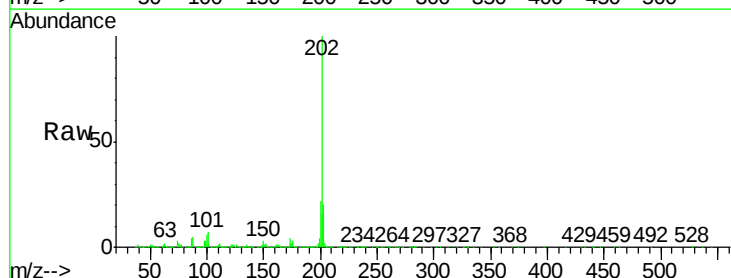
Tgt Ion:202 Resp: 1965343

Ion Ratio Lower Upper

202 100

101 7.5 0.0 29.5

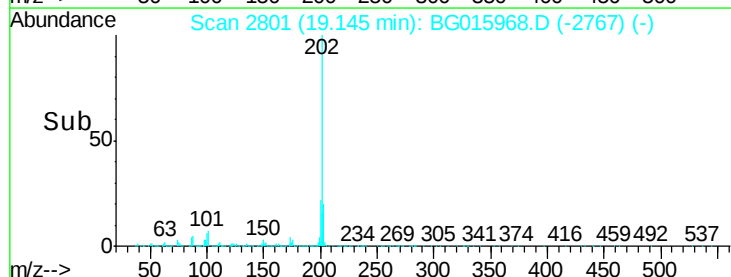
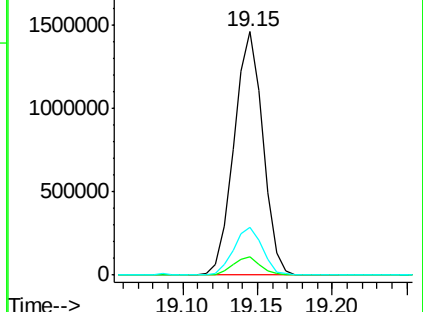
203 19.7 0.9 40.9

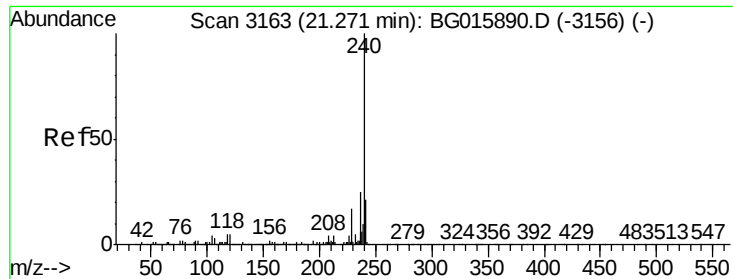


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.27 min Scan# 3163

Delta R.T. 0.00 min

Lab File: BG015968.D

Acq: 28 Jan 2015 4:54

Instrument :

BNA_G

ClientSampleId :

121B4MSD

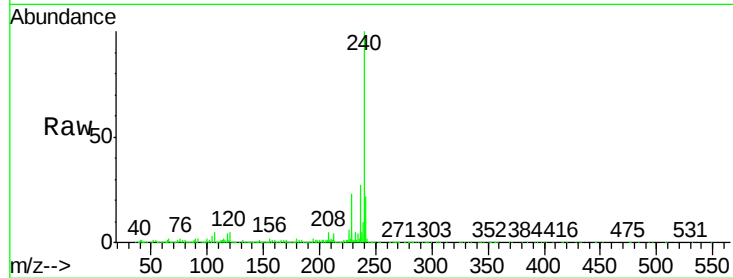
Tgt Ion:240 Resp: 1325292

Ion Ratio Lower Upper

240 100

120 4.8 3.9 5.9

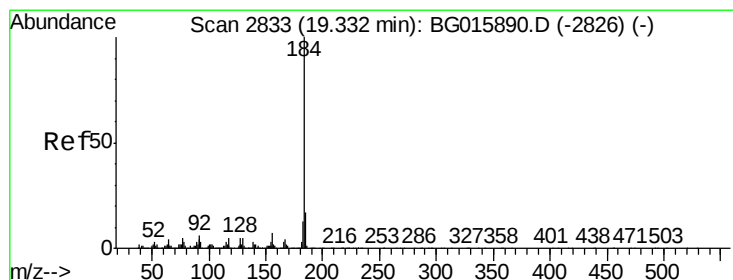
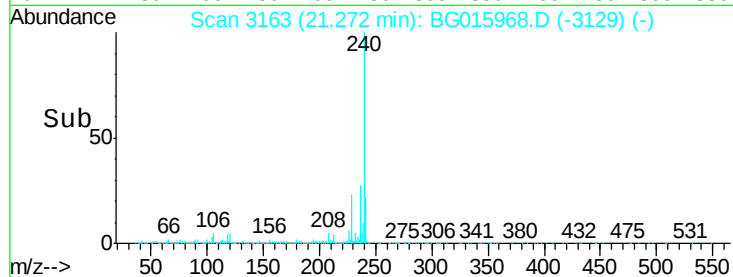
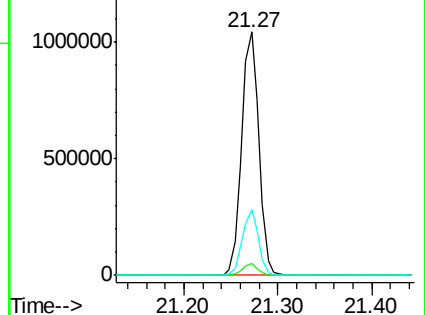
236 27.1 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 16.23 ng

RT: 19.33 min Scan# 2833

Delta R.T. 0.00 min

Lab File: BG015968.D

Acq: 28 Jan 2015 4:54

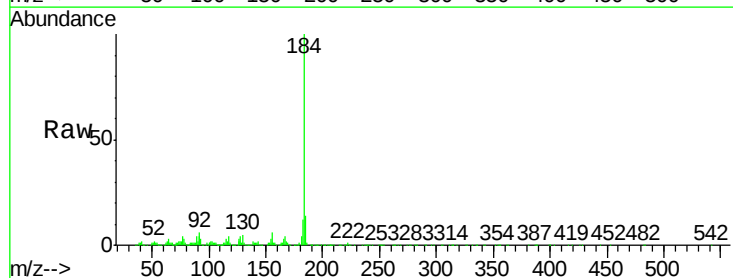
Tgt Ion:184 Resp: 485241

Ion Ratio Lower Upper

184 100

185 14.5 13.3 19.9

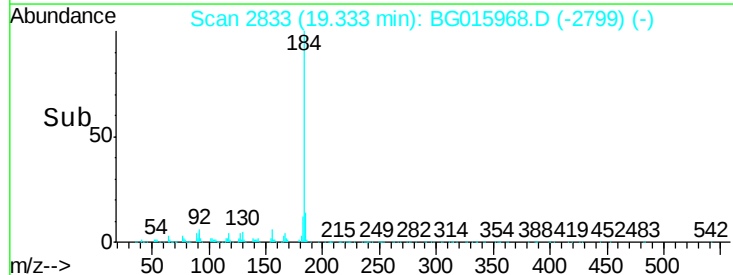
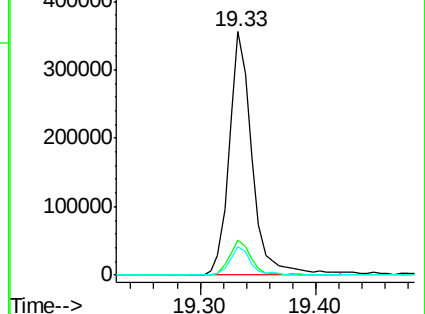
183 12.0 10.1 15.1

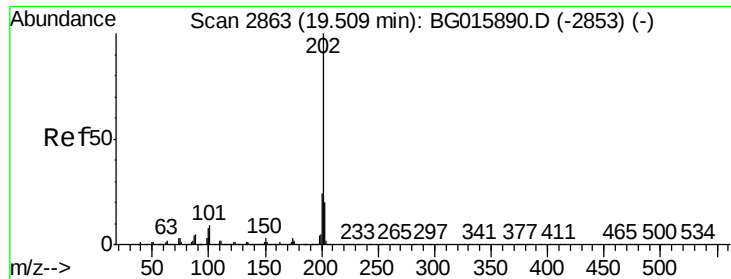


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 32.30 ng

RT: 19.51 min Scan# 2863

Delta R.T. 0.00 min

Lab File: BG015968.D

Acq: 28 Jan 2015 4:54

Instrument :

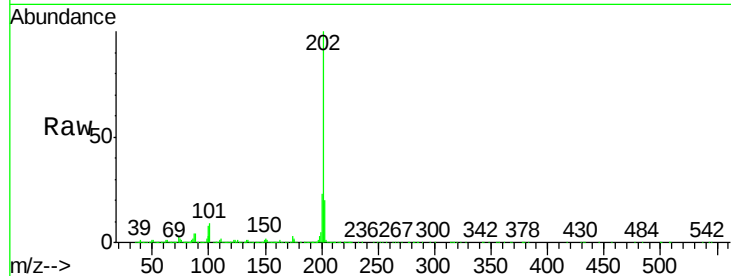
BNA_G

ClientSampleId :

121B4MSD

Tgt Ion:202 Resp: 2033986

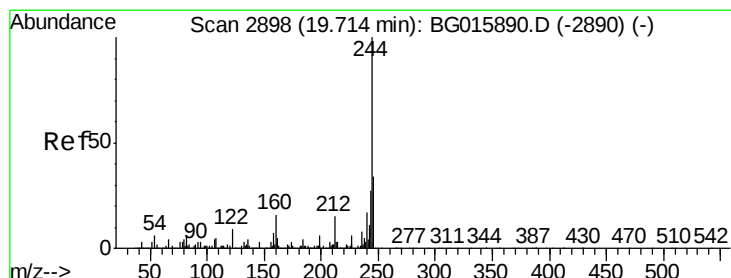
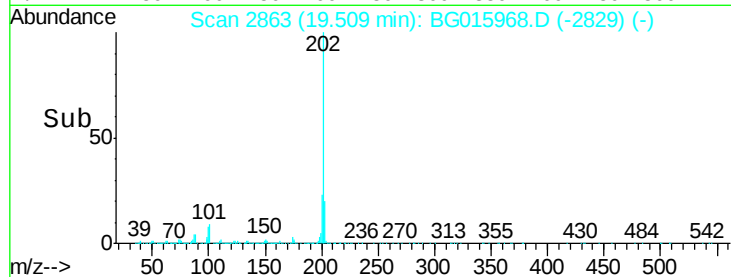
Ion	Ratio	Lower	Upper
202	100		
200	23.0	19.3	28.9
203	20.2	15.9	23.9



Abundance Ion 202.00 (201.70 to 202.70): E

2000000 Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 53.12 ng

RT: 19.71 min Scan# 2898

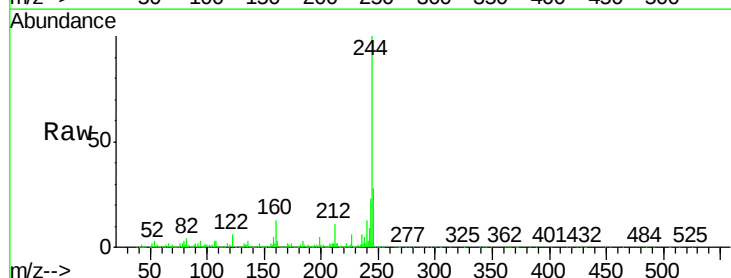
Delta R.T. 0.00 min

Lab File: BG015968.D

Acq: 28 Jan 2015 4:54

Tgt Ion:244 Resp: 2822796

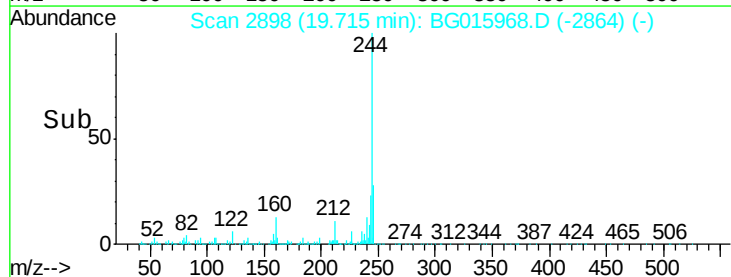
Ion	Ratio	Lower	Upper
244	100		
212	10.9	11.6	17.4#
122	6.3	7.0	10.4#

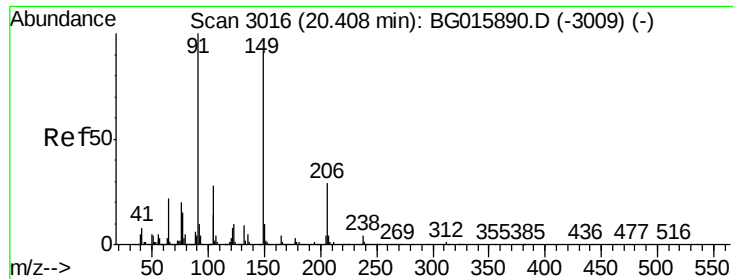


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 31.16 ng

RT: 20.41 min Scan# 3016

Delta R.T. 0.00 min

Lab File: BG015968.D

Acq: 28 Jan 2015 4:54

Instrument :

BNA_G

ClientSampleId :

121B4MSD

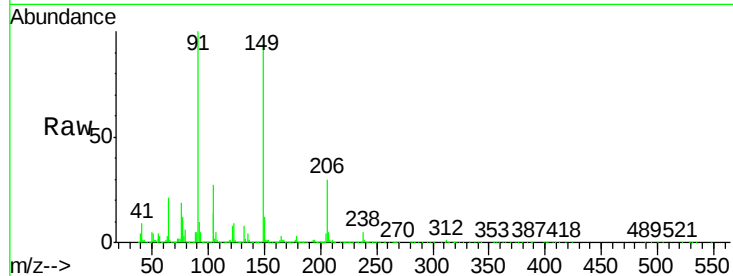
Tgt Ion:149 Resp: 719496

Ion Ratio Lower Upper

149 100

91 106.6 88.4 132.6

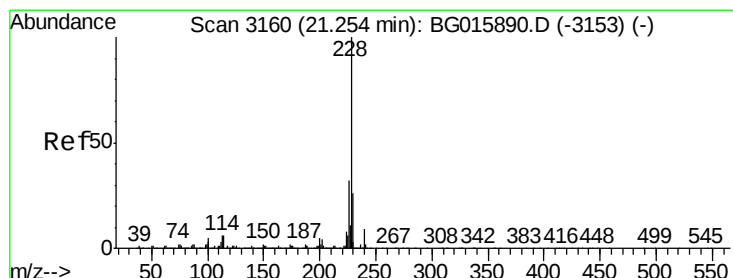
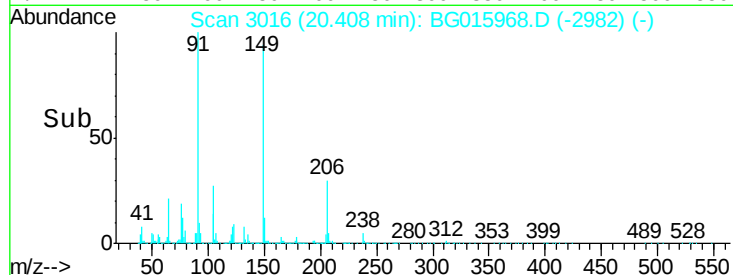
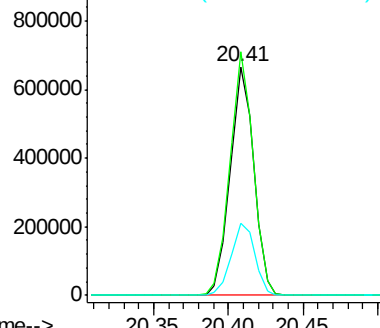
206 31.8 25.3 37.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG015890.D (-3009) (-)

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 31.92 ng

RT: 21.25 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG015968.D

Acq: 28 Jan 2015 4:54

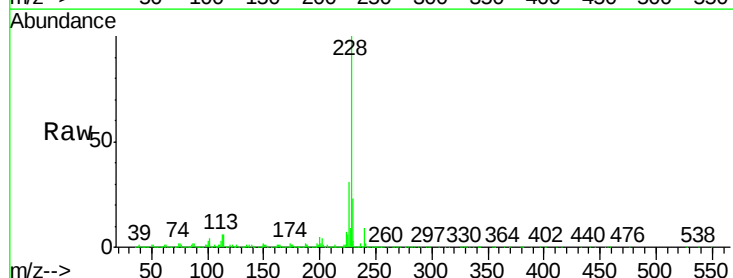
Tgt Ion:228 Resp: 2312623

Ion Ratio Lower Upper

228 100

226 31.3 25.4 38.0

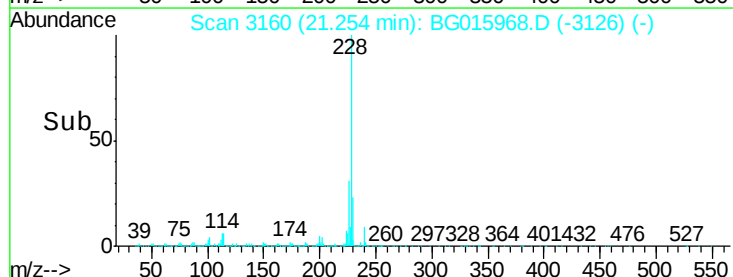
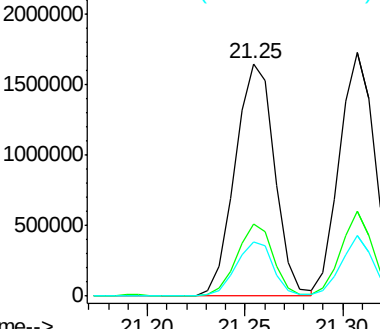
229 23.4 21.2 31.8

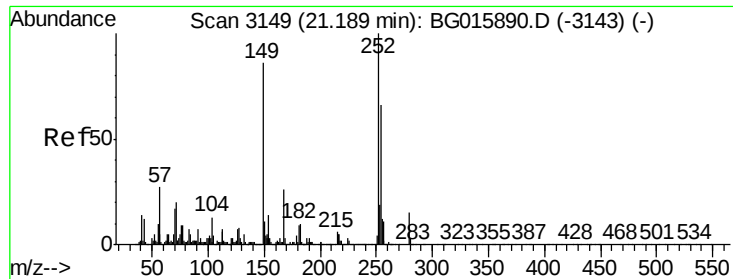


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

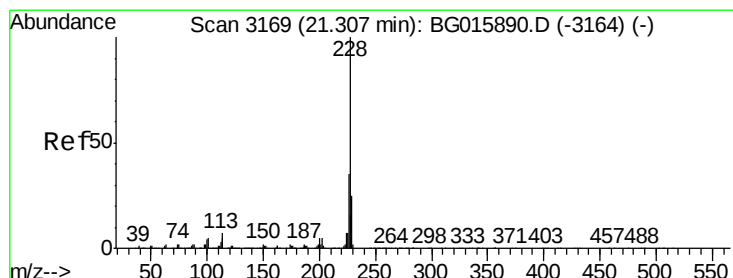
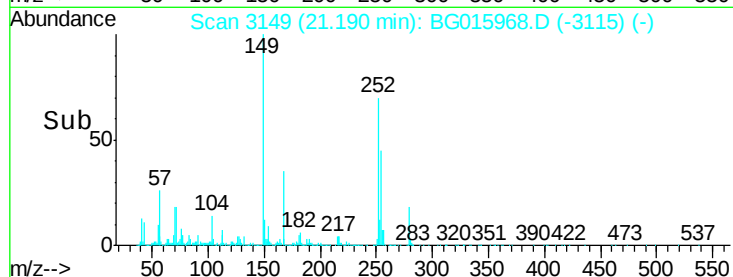
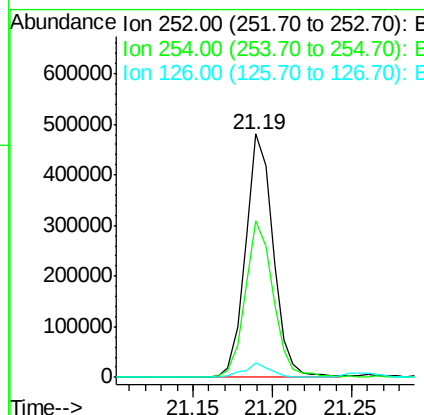
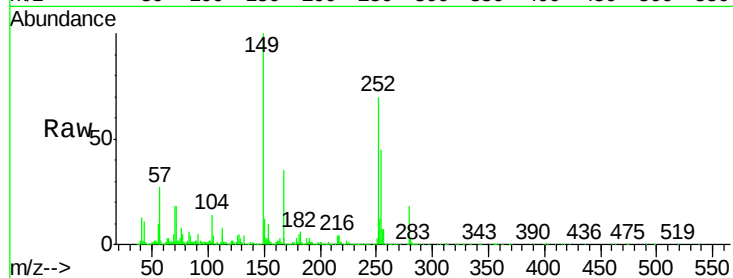




#81
 3,3'-Dichlorobenzidine
 Concen: 19.70 ng
 RT: 21.19 min Scan# 3149
 Delta R.T. 0.00 min
 Lab File: BG015968.D
 Acq: 28 Jan 2015 4:54

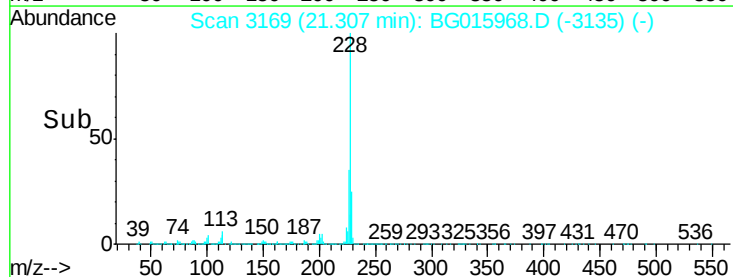
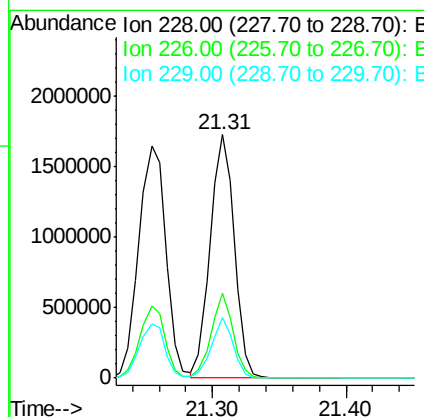
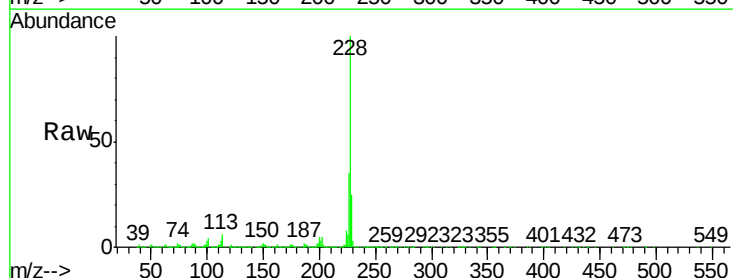
Instrument :
 BNA_G
 ClientSampleId :
 121B4MSD

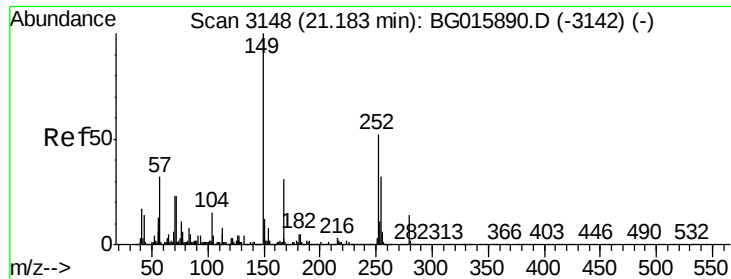
Tgt Ion:252 Resp: 583398
 Ion Ratio Lower Upper
 252 100
 254 64.5 52.9 79.3
 126 6.0 5.8 8.6



#82
 Chrysene
 Concen: 31.89 ng
 RT: 21.31 min Scan# 3169
 Delta R.T. 0.00 min
 Lab File: BG015968.D
 Acq: 28 Jan 2015 4:54

Tgt Ion:228 Resp: 2190985
 Ion Ratio Lower Upper
 228 100
 226 34.7 28.1 42.1
 229 24.8 19.8 29.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.03 ng

RT: 21.18 min Scan# 3148

Delta R.T. 0.00 min

Lab File: BG015968.D

Acq: 28 Jan 2015 4:54

Instrument :

BNA_G

ClientSampleId :

121B4MSD

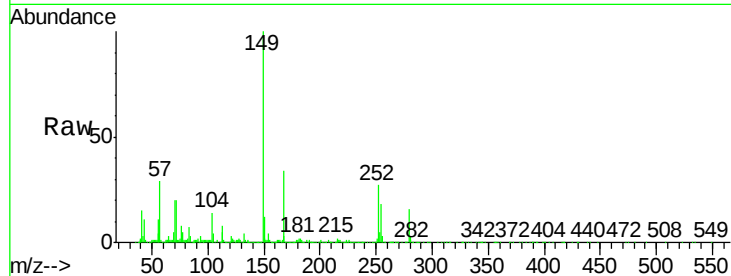
Tgt Ion:149 Resp: 1118596

Ion Ratio Lower Upper

149 100

167 34.5 25.1 37.7

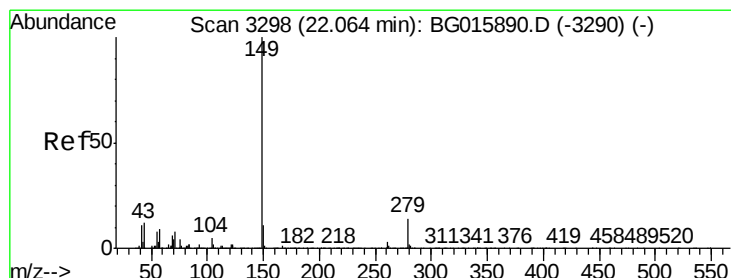
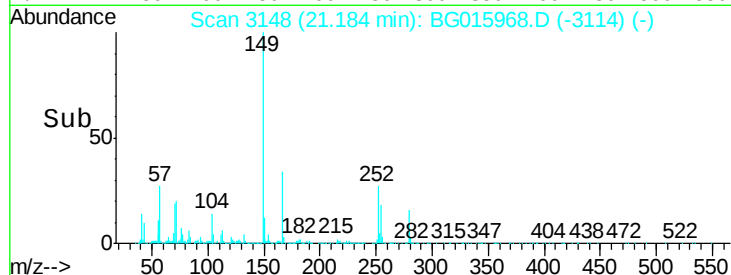
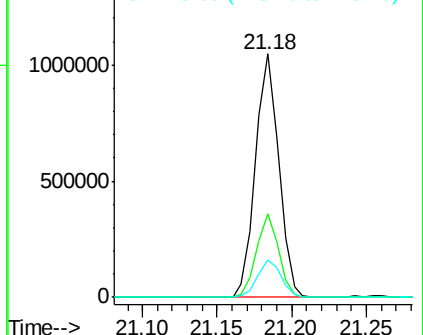
279 15.6 11.2 16.8



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: 34.29 ng

RT: 22.07 min Scan# 3298

Delta R.T. 0.00 min

Lab File: BG015968.D

Acq: 28 Jan 2015 4:54

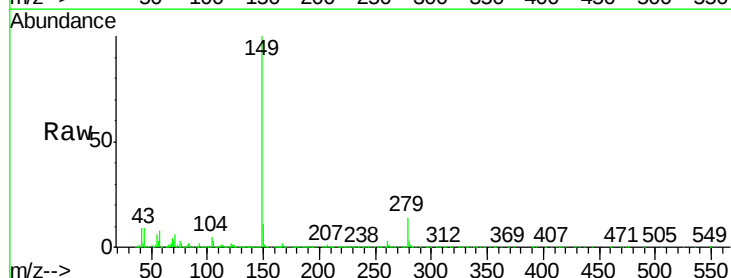
Tgt Ion:149 Resp: 1647217

Ion Ratio Lower Upper

149 100

167 2.0 1.4 2.0

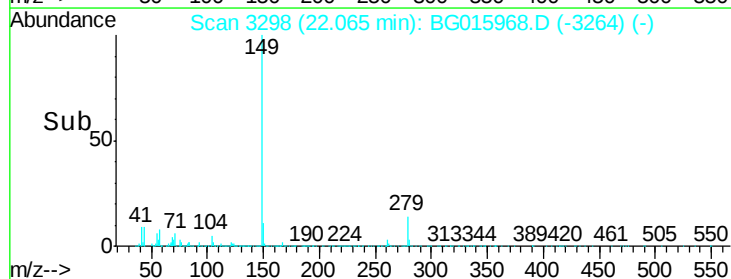
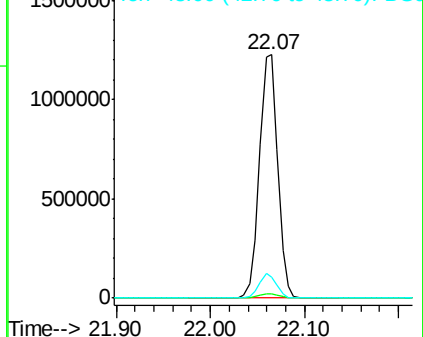
43 9.5 9.2 13.8

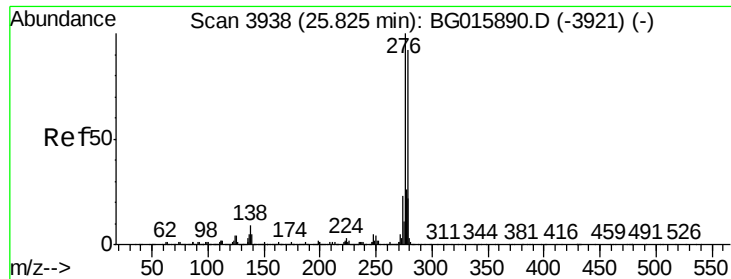


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.33 ng

RT: 25.83 min Scan# 3938

Delta R.T. 0.00 min

Lab File: BG015968.D

Acq: 28 Jan 2015 4:54

Instrument :

BNA_G

ClientSampleId :

121B4MSD

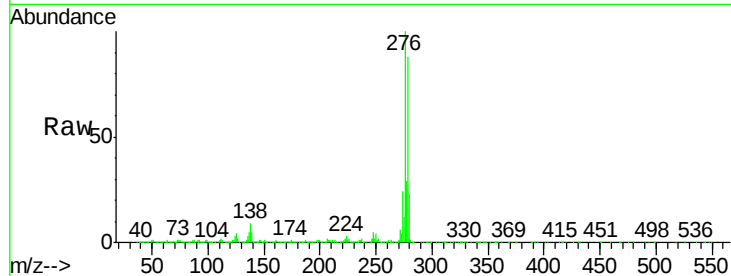
Tgt Ion:276 Resp: 2745592

Ion Ratio Lower Upper

276 100

138 8.0 6.9 10.3

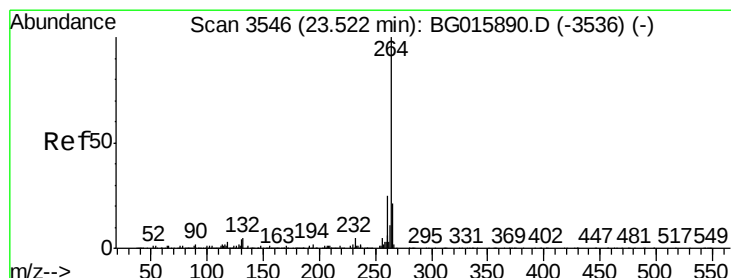
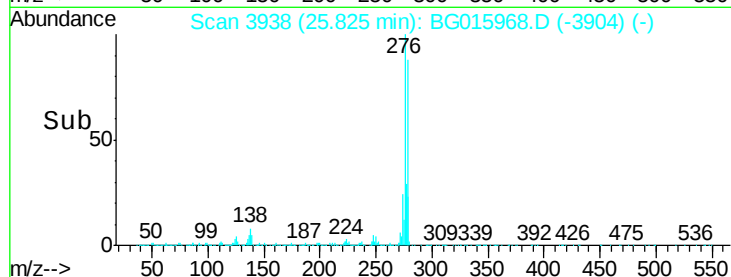
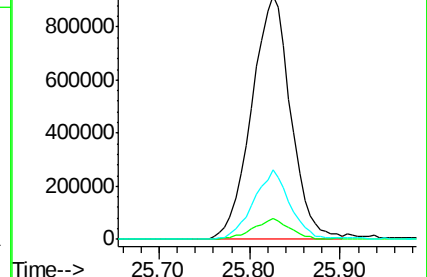
277 27.0 20.7 31.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.52 min Scan# 3546

Delta R.T. 0.00 min

Lab File: BG015968.D

Acq: 28 Jan 2015 4:54

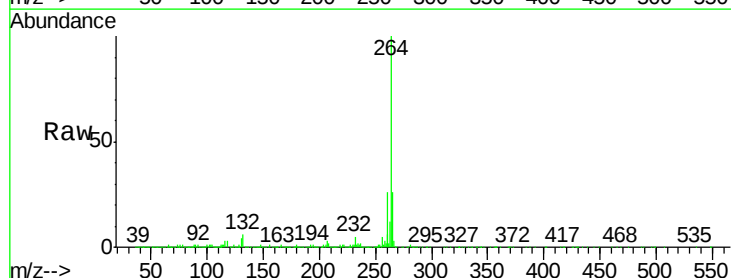
Tgt Ion:264 Resp: 1307981

Ion Ratio Lower Upper

264 100

260 25.6 19.7 29.5

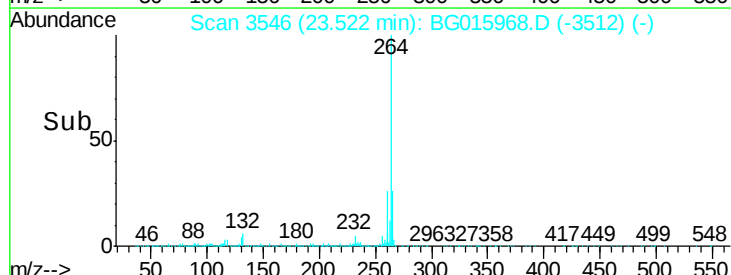
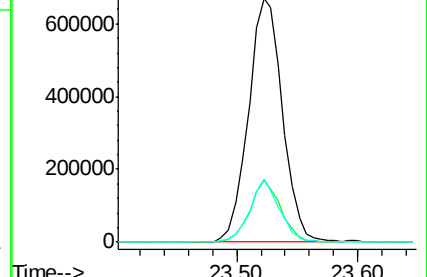
265 25.9 17.3 25.9#

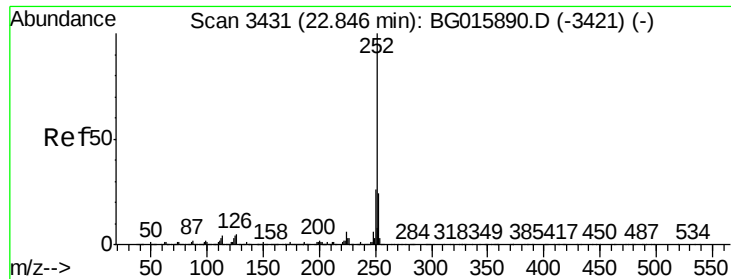


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

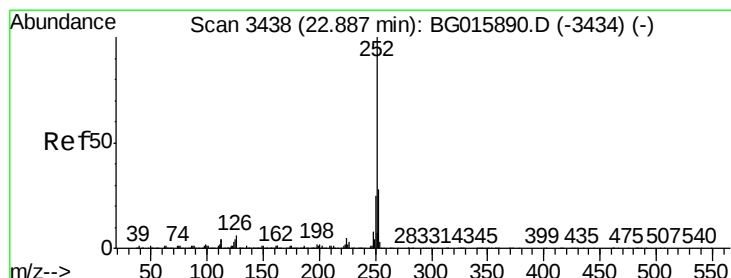
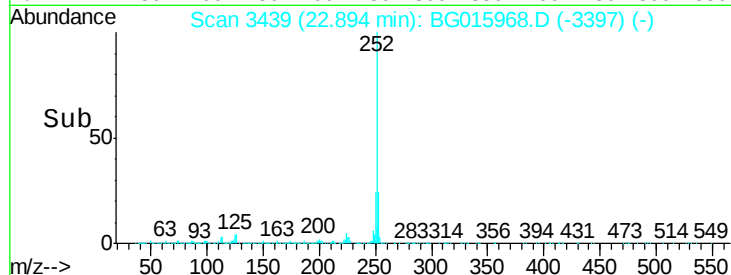
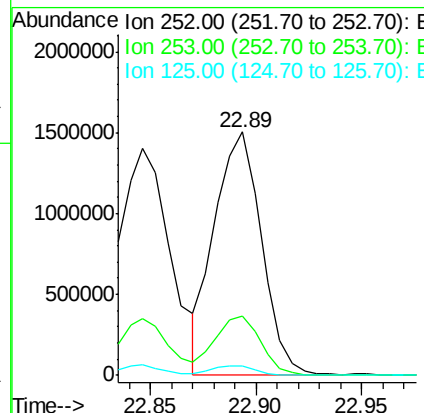
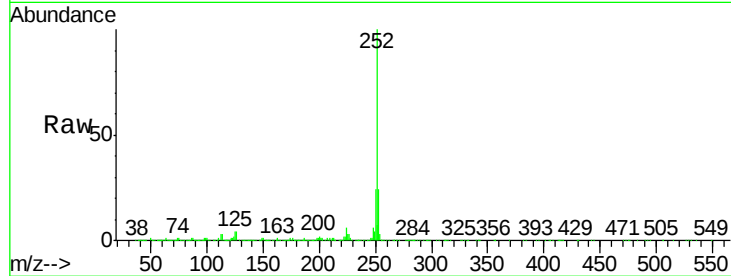




#87
Benzo(b)fluoranthene
Concen: 30.87 ng
RT: 22.89 min Scan# 3439
Delta R.T. 0.05 min
Lab File: BG015968.D
Acq: 28 Jan 2015 4:54

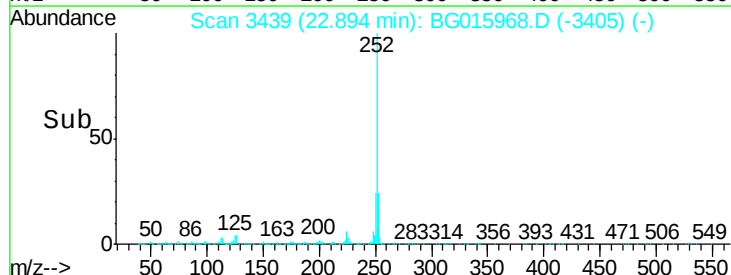
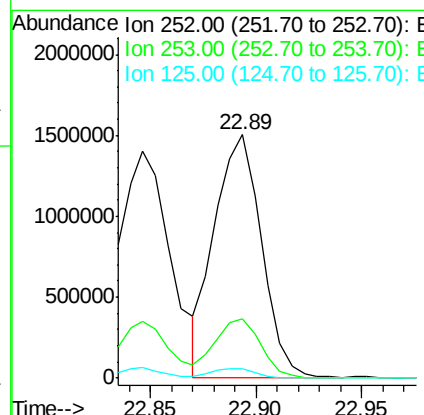
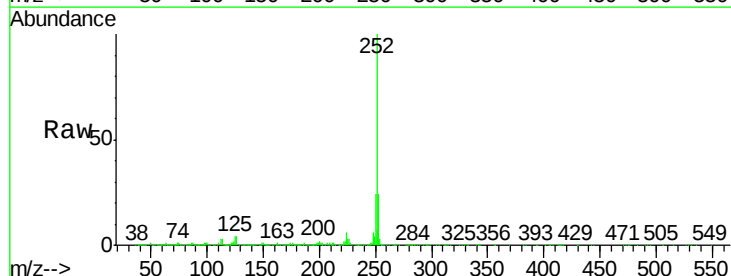
Instrument :
BNA_G
ClientSampleId :
121B4MSD

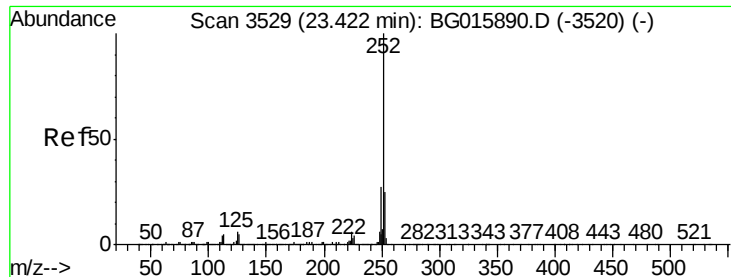
Tgt Ion:252 Resp: 2305097
Ion Ratio Lower Upper
252 100
253 24.5 19.4 29.0
125 4.0 2.9 4.3



#88
Benzo(k)fluoranthene
Concen: 31.89 ng
RT: 22.89 min Scan# 3439
Delta R.T. 0.00 min
Lab File: BG015968.D
Acq: 28 Jan 2015 4:54

Tgt Ion:252 Resp: 2305097
Ion Ratio Lower Upper
252 100
253 24.5 21.3 31.9
125 4.0 3.4 5.0





#89

Benzo(a)pyrene

Concen: 33.02 ng

RT: 23.43 min Scan# 3530

Delta R.T. 0.00 min

Lab File: BG015968.D

Acq: 28 Jan 2015 4:54

Instrument :

BNA_G

ClientSampleId :

121B4MSD

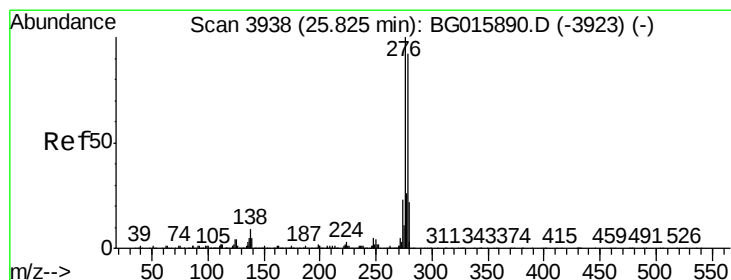
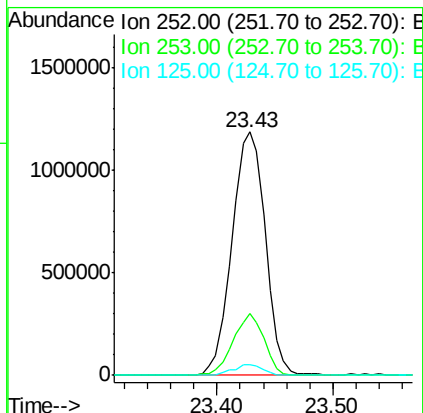
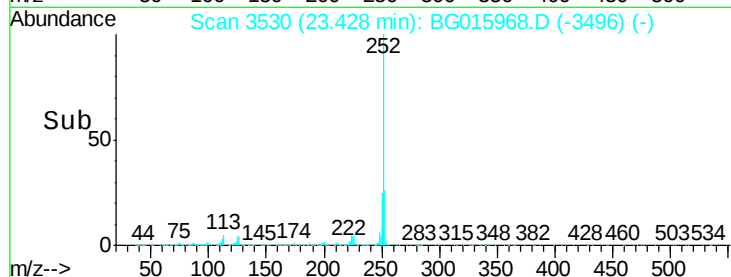
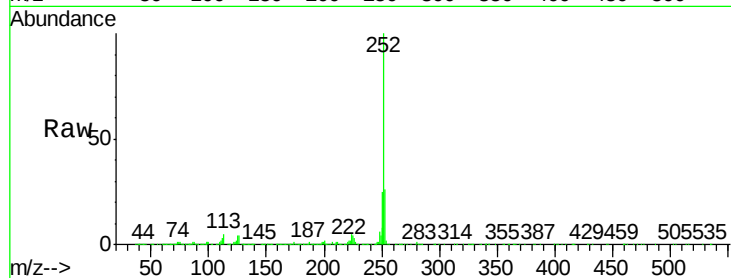
Tgt Ion:252 Resp: 2372291

Ion Ratio Lower Upper

252 100

253 25.6 19.9 29.9

125 4.3 4.5 6.7#



#90

Dibenzo(a,h)anthracene

Concen: 34.96 ng

RT: 25.83 min Scan# 3939

Delta R.T. -0.01 min

Lab File: BG015968.D

Acq: 28 Jan 2015 4:54

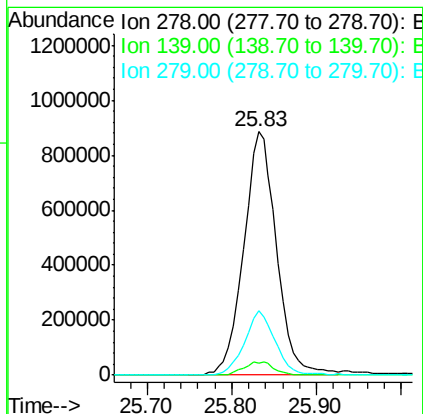
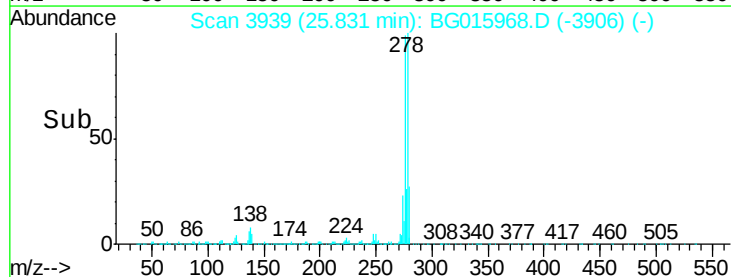
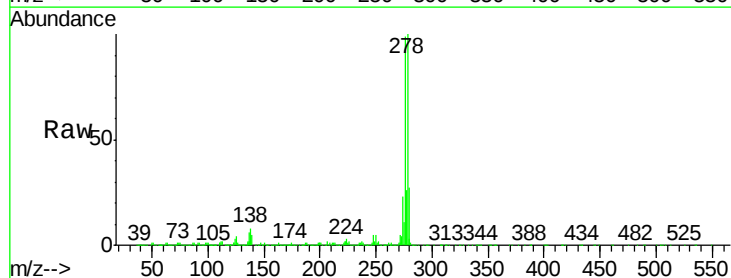
Tgt Ion:278 Resp: 2383821

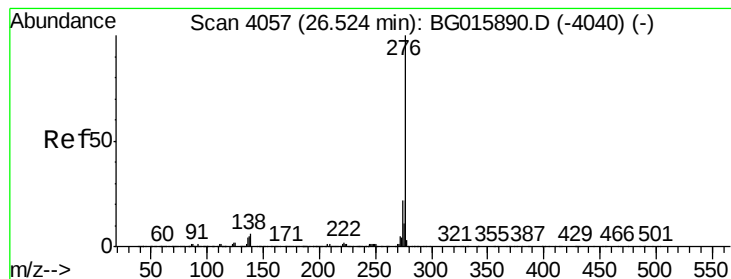
Ion Ratio Lower Upper

278 100

139 5.0 4.3 6.5

279 26.5 19.4 29.0





#91

Benzo(g,h,i)perylene

Concen: 35.08 ng

RT: 26.53 min Scan# 4058

Delta R.T. 0.01 min

Lab File: BG015968.D

Acq: 28 Jan 2015 4:54

Instrument :

BNA_G

ClientSampleId :

121B4MSD

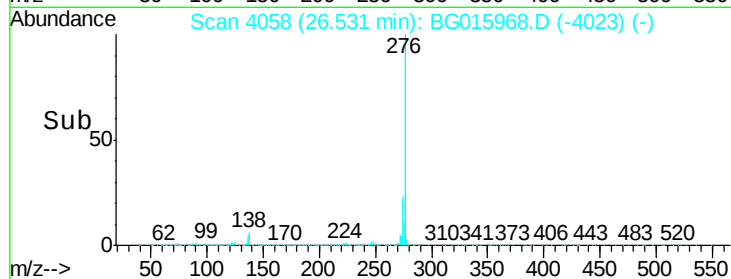
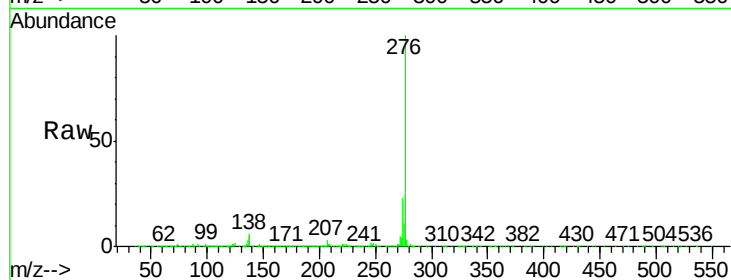
Tgt Ion:276 Resp: 2334295

Ion Ratio Lower Upper

276 100

277 24.3 17.2 25.8

138 5.7 5.0 7.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

