

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123016\
 Data File : BG025416.D
 Acq On : 30 Dec 2016 16:39
 Operator : UM/SJ
 Sample : PB95693BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB95693BSD

Quant Time: Dec 30 22:07:26 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 18:42:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	47751	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	206933	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	159837	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	393405	20.00	ng	0.00
75) Chrysene-d12	21.87	240	570445	20.00	ng	0.00
86) Perylene-d12	25.28	264	618128	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.75	112	398732	151.78	ng	0.00
7) Phenol-d6	7.37	99	558091	150.84	ng	0.00
23) Nitrobenzene-d5	9.39	82	396581	84.66	ng	-0.01
41) 2,4,6-Tribromophenol	16.33	330	356943	138.71	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	892747	90.43	ng	0.00
78) Terphenyl-d14	20.16	244	1815351	84.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	39573	35.31	ng	97
3) Pyridine	3.99	79	116386	35.82	ng	96
4) n-Nitrosodimethylamine	3.92	42	77981	40.43	ng	95
6) Aniline	7.53	93	77069	15.37	ng	# 92
8) 2-Chlorophenol	7.77	128	132934	44.86	ng	95
9) Benzaldehyde	7.36	77	15581	5.76	ng	85
10) Phenol	7.40	94	188208	45.89	ng	96
11) bis(2-Chloroethyl)ether	7.62	93	127594	40.37	ng	94
12) 1,3-Dichlorobenzene	8.10	146	142920	39.85	ng	97
13) 1,4-Dichlorobenzene	8.24	146	146396	39.39	ng	98
14) 1,2-Dichlorobenzene	8.57	146	144219	40.66	ng	93
15) Benzyl Alcohol	8.45	79	151854	42.99	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.73	45	241852	41.32	ng	93
17) 2-Methylphenol	8.65	107	126859	47.10	ng	91
18) Hexachloroethane	9.29	117	61517	43.10	ng	97
19) n-Nitroso-di-n-propylamine	9.01	70	131413	42.05	ng	93
20) 3+4-Methylphenols	8.99	107	167343	44.89	ng	99
22) Acetophenone	9.04	105	222183	38.64	ng	# 97
24) Nitrobenzene	9.44	77	197218	38.39	ng	# 93
25) Isophorone	9.95	82	346666	40.87	ng	96
26) 2-Nitrophenol	10.15	139	75994	38.67	ng	95
27) 2,4-Dimethylphenol	10.19	122	144871	44.84	ng	95
28) bis(2-Chloroethoxy)methane	10.42	93	186374	42.31	ng	97
29) 2,4-Dichlorophenol	10.69	162	150036	43.40	ng	96
30) 1,2,4-Trichlorobenzene	10.89	180	168437	40.33	ng	92
31) Naphthalene	11.09	128	400966	38.80	ng	99
32) Benzoic acid	10.33	122	91929	35.38	ng	95
33) 4-Chloroaniline	11.22	127	31533	7.25	ng	# 89
34) Hexachlorobutadiene	11.34	225	132768	38.94	ng	97
35) Caprolactam	11.98	113	27907	21.48	ng	96
36) 4-Chloro-3-methylphenol	12.31	107	176304	41.32	ng	96
37) 2-Methylnaphthalene	12.67	142	314258	41.03	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	225456	42.72	ng	99
40) Hexachlorocyclopentadiene	13.00	237	207142	104.54	ng	95

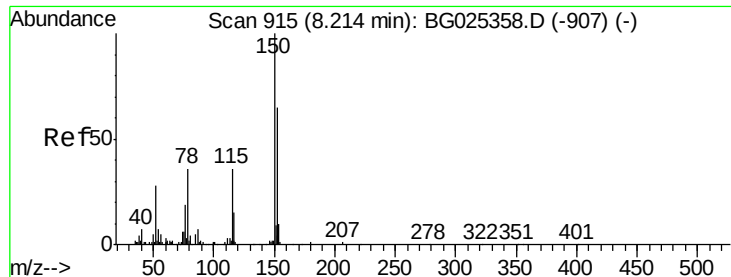
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123016\
 Data File : BG025416.D
 Acq On : 30 Dec 2016 16:39
 Operator : UM/SJ
 Sample : PB95693BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB95693BSD

Quant Time: Dec 30 22:07:26 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 18:42:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.28	196	143643	43.23	ng	92
43) 2,4,5-Trichlorophenol	13.37	196	151277	43.49	ng	95
45) 1,1'-Biphenyl	13.67	154	461432	42.92	ng	93
46) 2-Chloronaphthalene	13.72	162	355708	42.35	ng	99
47) 2-Nitroaniline	13.94	65	147772	41.68	ng	97
48) Acenaphthylene	14.56	152	548223	42.11	ng	96
49) Dimethylphthalate	14.28	163	495164	42.49	ng	99
50) 2,6-Dinitrotoluene	14.42	165	109842	43.15	ng	95
51) Acenaphthene	14.90	154	347399	40.80	ng	99
52) 3-Nitroaniline	14.76	138	32506	13.28	ng	# 97
53) 2,4-Dinitrophenol	14.98	184	141188	84.29	ng	# 83
54) Dibenzofuran	15.23	168	591439	43.94	ng	96
55) 4-Nitrophenol	15.08	139	159764	87.41	ng	92
56) 2,4-Dinitrotoluene	15.21	165	163157	44.02	ng	# 87
57) Fluorene	15.88	166	474073	42.07	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.46	232	169043	45.37	ng	93
59) Diethylphthalate	15.62	149	515405	42.18	ng	99
60) 4-Chlorophenyl-phenylether	15.86	204	276745	43.33	ng	97
61) 4-Nitroaniline	15.92	138	95784	38.90	ng	# 83
62) Azobenzene	16.15	77	550525	46.72	ng	99
64) 4,6-Dinitro-2-methylphenol	15.98	198	111187	40.81	ng	89
65) n-Nitrosodiphenylamine	16.07	169	444129	41.77	ng	98
66) 4-Bromophenyl-phenylether	16.75	248	199687	41.14	ng	93
67) Hexachlorobenzene	16.88	284	221495	39.77	ng	90
68) Atrazine	17.01	200	213301	45.78	ng	99
69) Pentachlorophenol	17.23	266	230674	79.89	ng	96
70) Phenanthrene	17.62	178	838859	41.38	ng	96
71) Anthracene	17.71	178	878336	42.64	ng	98
72) Carbazole	17.99	167	775543	42.09	ng	95
73) Di-n-butylphthalate	18.50	149	948616	41.85	ng	96
74) Fluoranthene	19.62	202	1157474	43.23	ng	93
76) Benzidine	19.81	184	283728	19.94	ng	# 96
77) Pyrene	19.98	202	1178576	39.53	ng	97
79) Butylbenzylphthalate	20.83	149	492600	41.15	ng	98
80) Benzo(a)anthracene	21.86	228	1360158	42.75	ng	95
81) 3,3'-Dichlorobenzidine	21.76	252	255760	20.70	ng	# 95
82) Chrysene	21.92	228	1262718	41.38	ng	97
83) Bis(2-ethylhexyl)phthalate	21.70	149	705749	42.36	ng	98
84) Di-n-octyl phthalate	22.95	149	1206719	43.63	ng	95
85) Indeno(1,2,3-cd)pyrene	29.22	276	1692250	43.63	ng	# 77
87) Benzo(b)fluoranthene	24.19	252	1407367	41.73	ng	# 96
88) Benzo(k)fluoranthene	24.26	252	1346237	41.33	ng	# 95
89) Benzo(a)pyrene	25.12	252	1357957	41.69	ng	99
90) Dibenzo(a,h)anthracene	29.25	278	1416191	41.02	ng	# 97
91) Benzo(g,h,i)perylene	30.45	276	1384972	40.37	ng	# 95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 914

Delta R.T. -0.01 min

Lab File: BG025416.D

Acq: 30 Dec 2016 16:39

Instrument :

BNA_G

ClientSampleId :

PB95693BSD

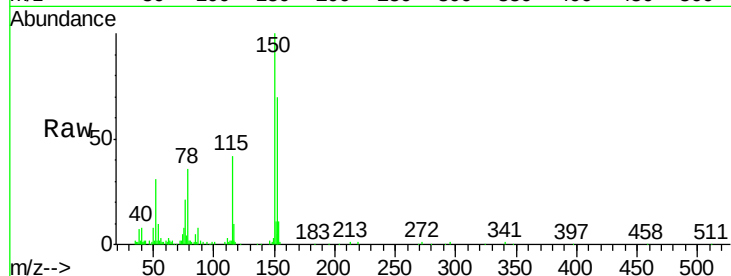
Tgt Ion:152 Resp: 47751

Ion Ratio Lower Upper

152 100

150 141.9 114.0 171.0

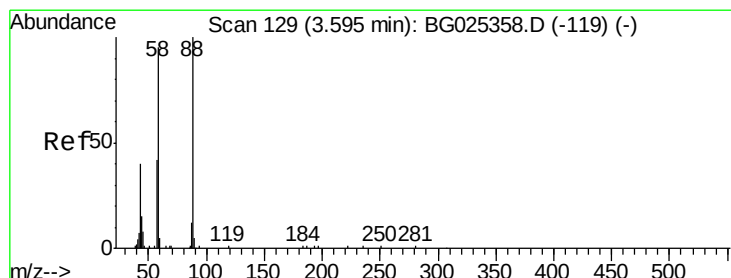
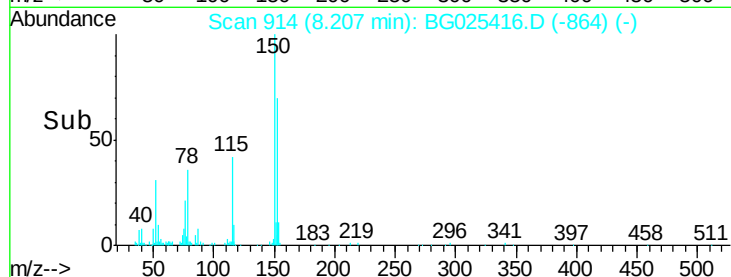
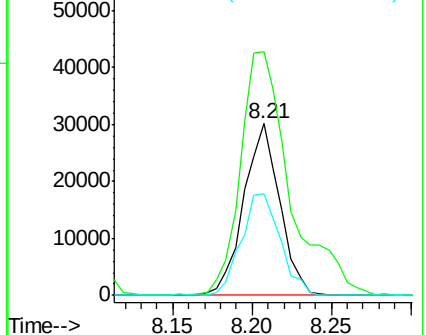
115 59.4 48.1 72.1



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: 35.31 ng

RT: 3.58 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG025416.D

Acq: 30 Dec 2016 16:39

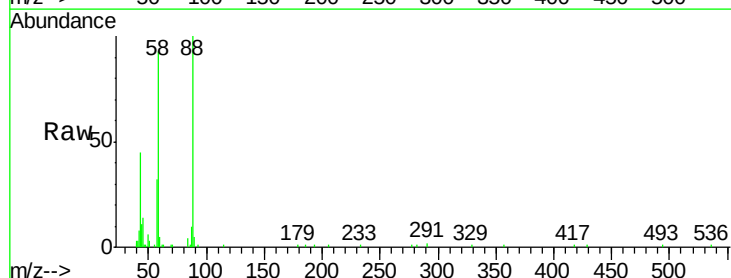
Tgt Ion: 88 Resp: 39573

Ion Ratio Lower Upper

88 100

58 101.5 79.4 119.2

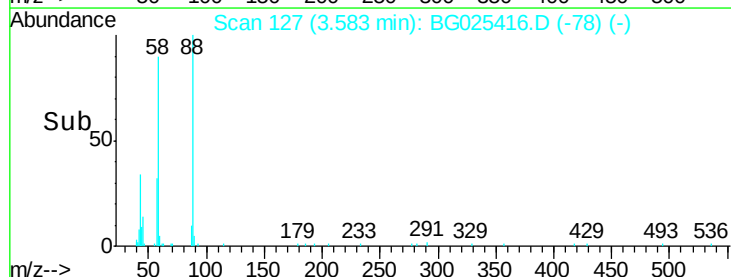
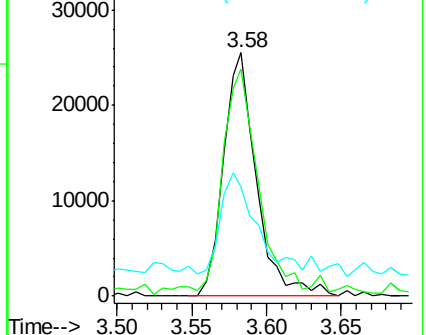
43 44.5 33.8 50.6

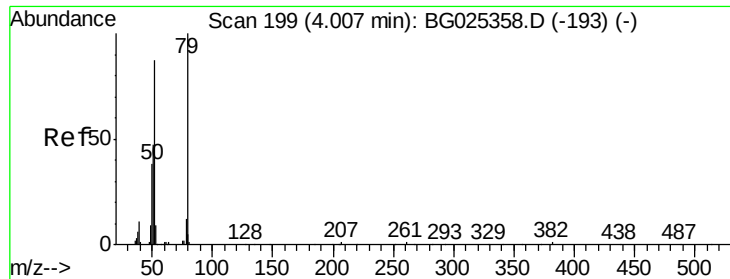


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 35.82 ng

RT: 3.99 min Scan# 197

Delta R.T. -0.01 min

Lab File: BG025416.D

Acq: 30 Dec 2016 16:39

Instrument :

BNA_G

ClientSampleId :

PB95693BSD

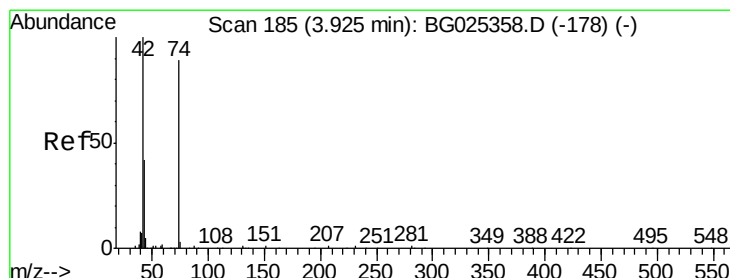
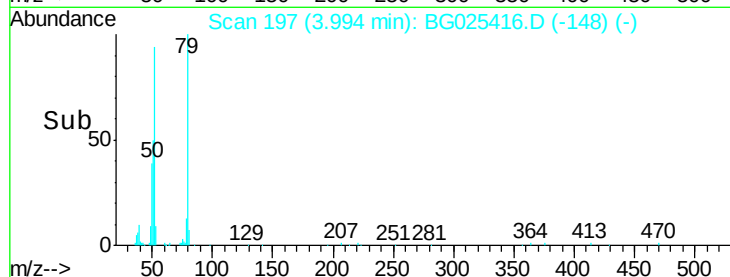
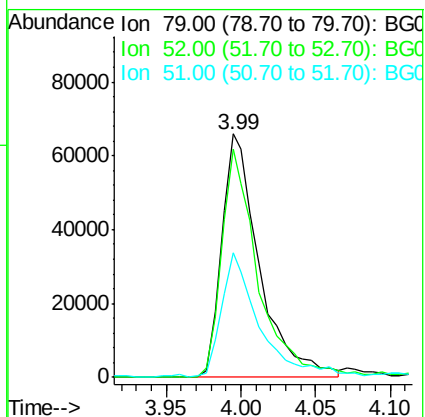
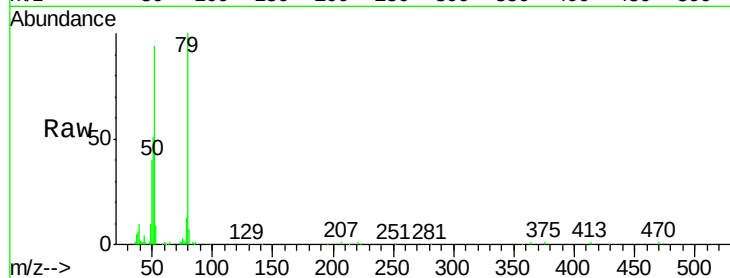
Tgt Ion: 79 Resp: 116386

Ion Ratio Lower Upper

79 100

52 93.6 77.8 116.6

51 51.4 43.2 64.8



#4

n-Nitrosodimethylamine

Concen: 40.43 ng

RT: 3.92 min Scan# 184

Delta R.T. -0.01 min

Lab File: BG025416.D

Acq: 30 Dec 2016 16:39

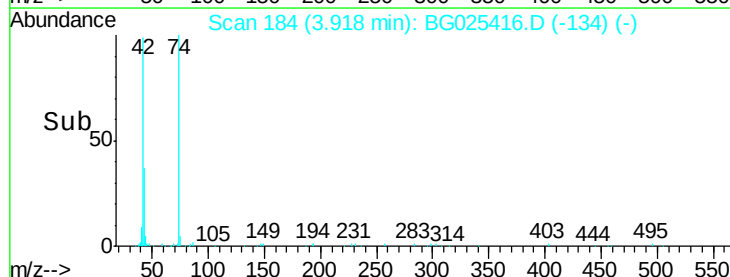
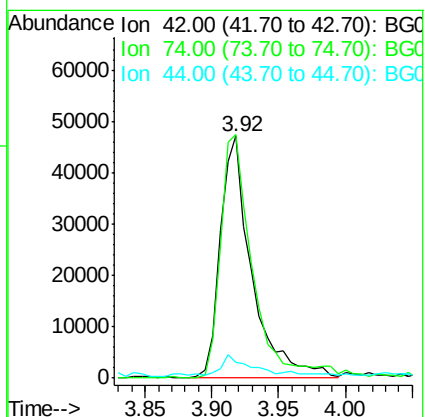
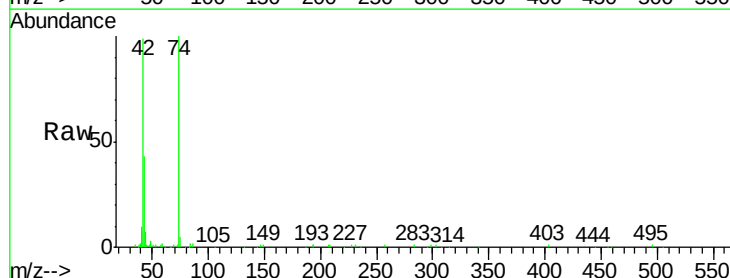
Tgt Ion: 42 Resp: 77981

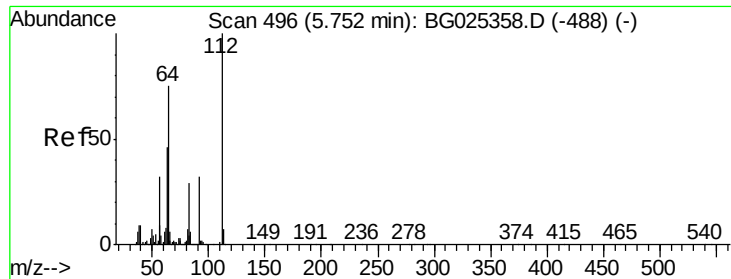
Ion Ratio Lower Upper

42 100

74 100.5 76.7 115.1

44 6.6 6.1 9.1





#5

2-Fluorophenol

Concen: 151.78 ng

RT: 5.75 min Scan# 495

Delta R.T. -0.01 min

Lab File: BG025416.D

Acq: 30 Dec 2016 16:39

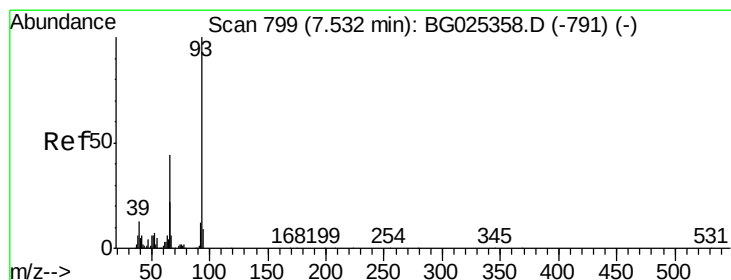
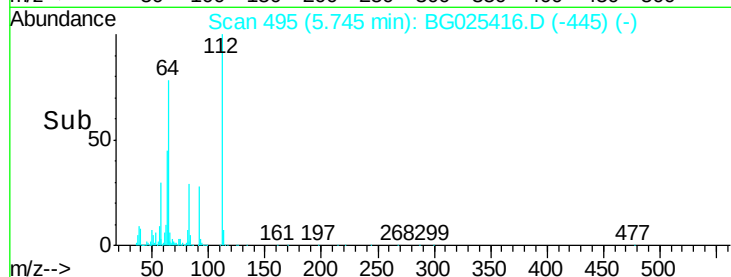
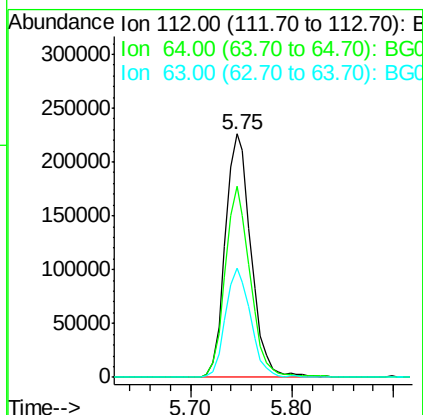
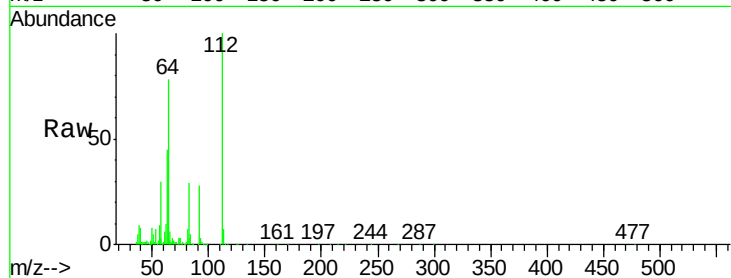
Instrument :

BNA_G

ClientSampleId :

PB95693BSD

Tgt Ion:	112	Resp:	398732
Ion	Ratio	Lower	Upper
112	100		
64	78.3	61.8	92.6
63	45.1	37.2	55.8



#6

Aniline

Concen: 15.37 ng

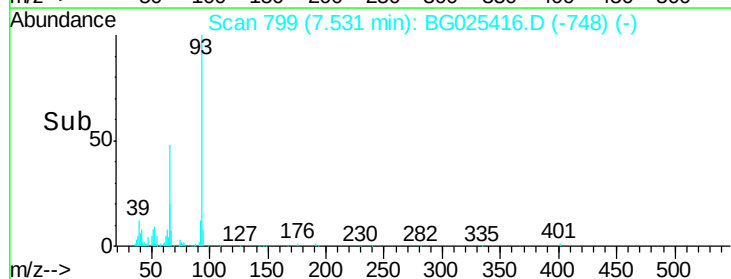
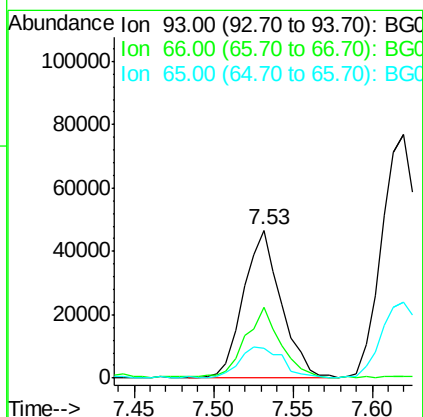
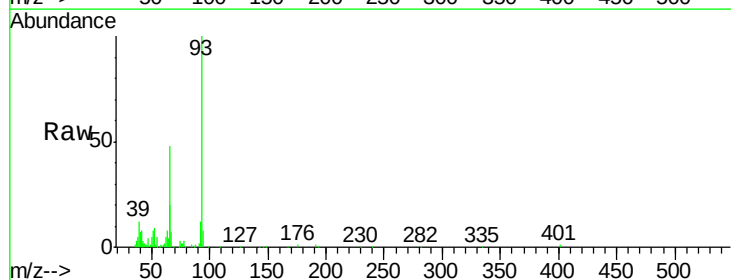
RT: 7.53 min Scan# 799

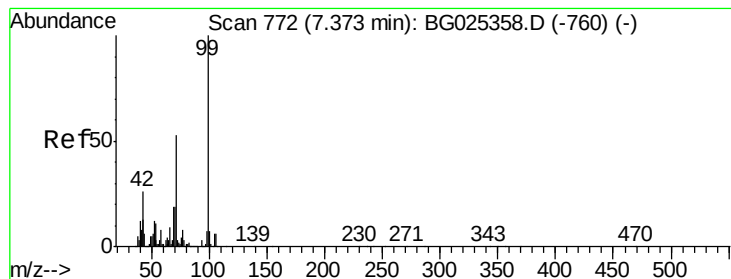
Delta R.T. -0.00 min

Lab File: BG025416.D

Acq: 30 Dec 2016 16:39

Tgt Ion:	93	Resp:	77069
Ion	Ratio	Lower	Upper
93	100		
66	47.8	35.4	53.2
65	20.5	21.2	31.8#





#7

Phenol-d6

Concen: 150.84 ng

RT: 7.37 min Scan# 771

Delta R.T. -0.01 min

Lab File: BG025416.D

Acq: 30 Dec 2016 16:39

Instrument :

BNA_G

ClientSampleId :

PB95693BSD

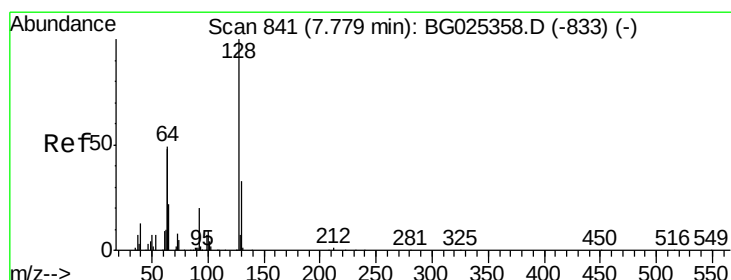
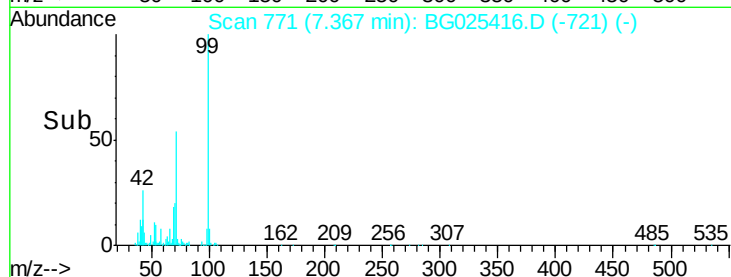
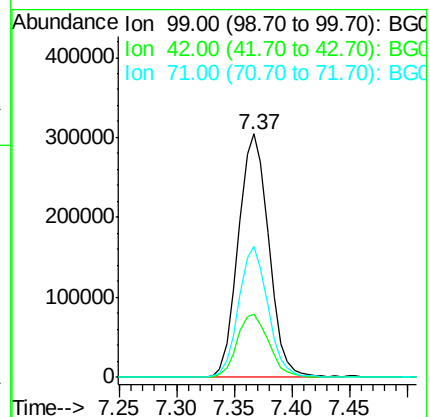
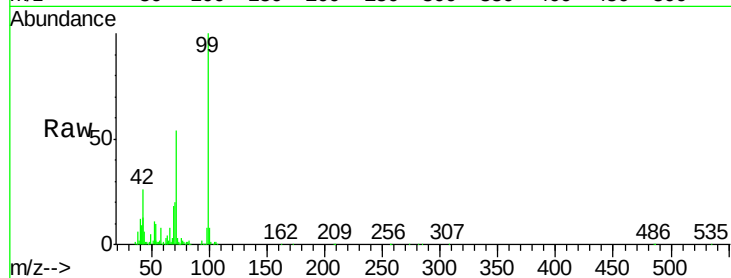
Tgt Ion: 99 Resp: 558091

Ion Ratio Lower Upper

99 100

42 25.7 20.5 30.7

71 53.8 37.6 56.4



#8

2-Chlorophenol

Concen: 44.86 ng

RT: 7.77 min Scan# 840

Delta R.T. -0.01 min

Lab File: BG025416.D

Acq: 30 Dec 2016 16:39

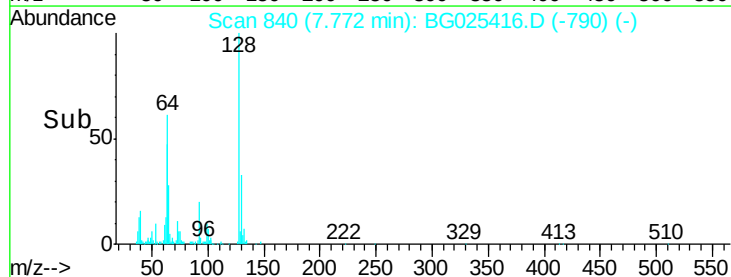
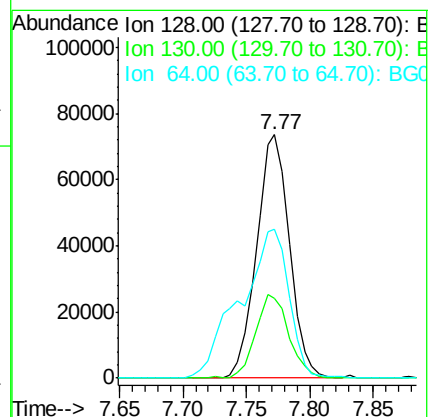
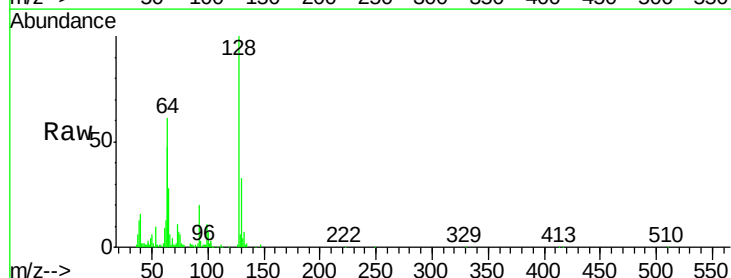
Tgt Ion: 128 Resp: 132934

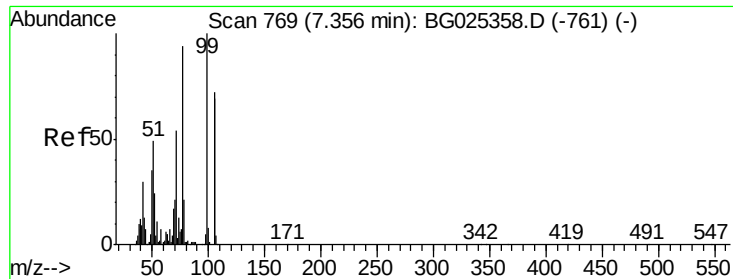
Ion Ratio Lower Upper

128 100

130 32.5 11.4 51.4

64 61.2 46.6 86.6





#9

Benzaldehyde

Concen: 5.76 ng

RT: 7.36 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG025416.D

Acq: 30 Dec 2016 16:39

Instrument :

BNA_G

ClientSampleId :

PB95693BSD

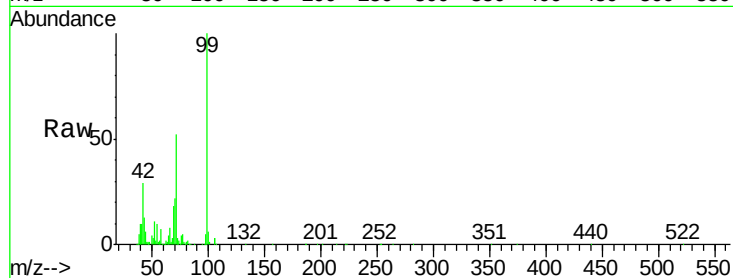
Tgt Ion: 77 Resp: 15581

Ion Ratio Lower Upper

77 100

105 61.9 60.9 100.9

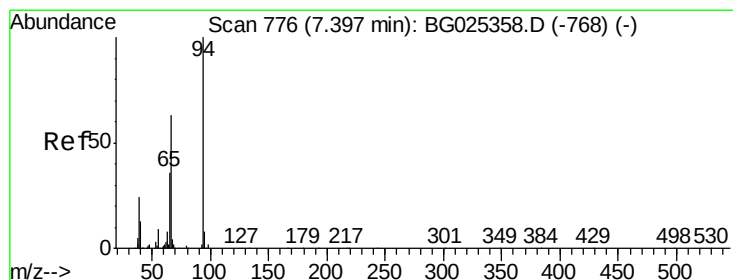
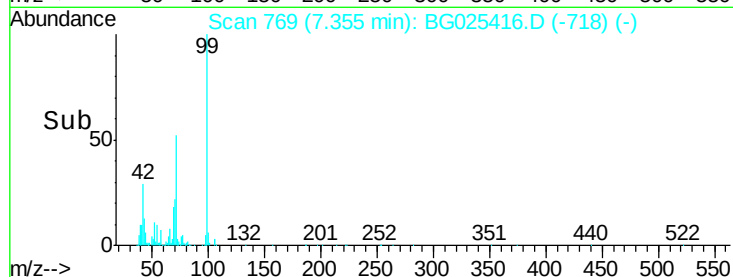
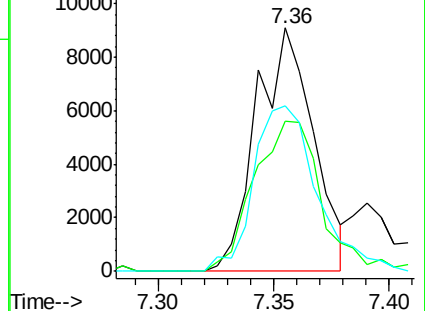
106 67.9 55.1 95.1



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: 45.89 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG025416.D

Acq: 30 Dec 2016 16:39

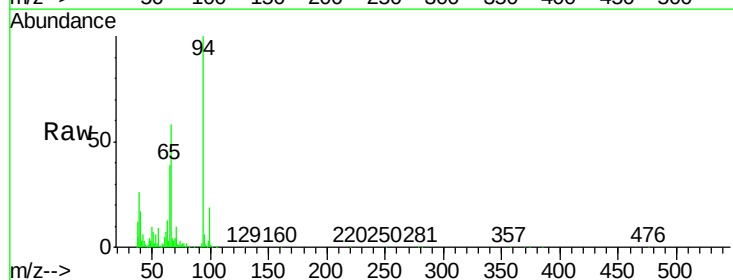
Tgt Ion: 94 Resp: 188208

Ion Ratio Lower Upper

94 100

65 38.6 20.6 60.6

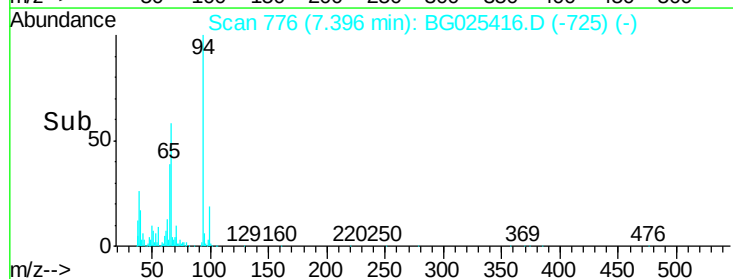
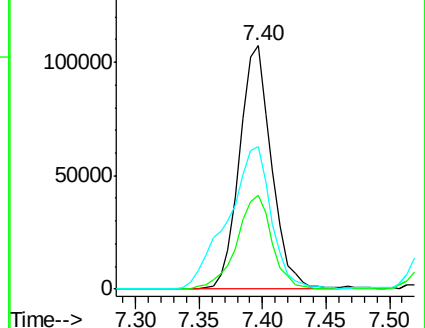
66 58.4 35.5 75.5

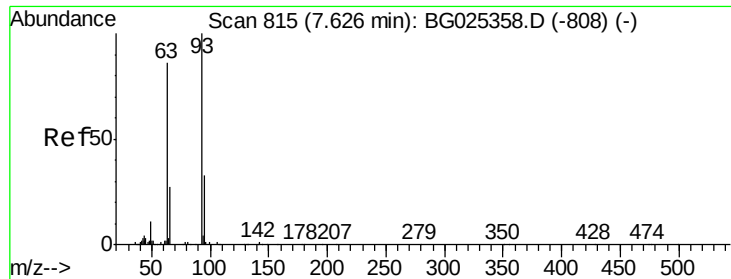


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

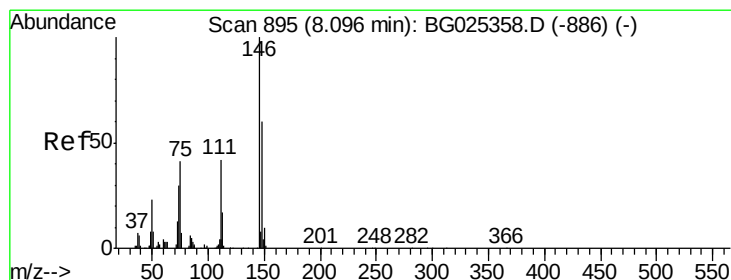
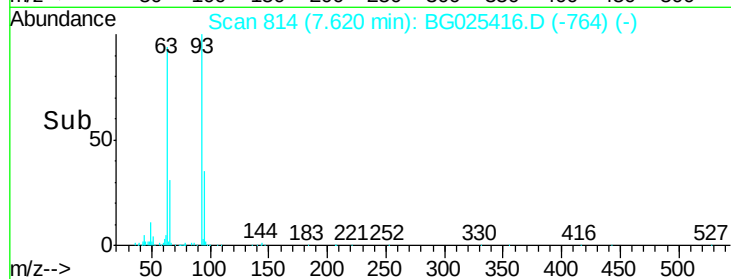
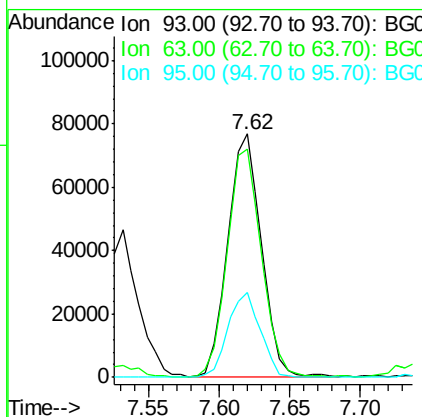
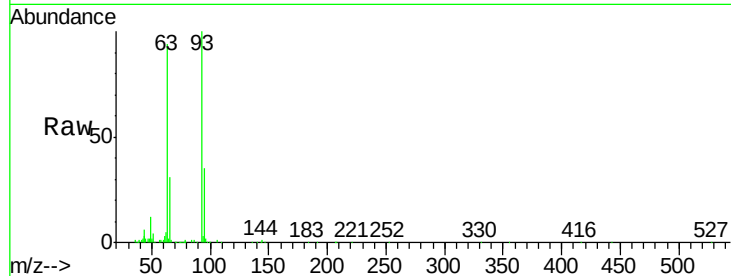




#11
bis(2-Chloroethyl)ether
Concen: 40.37 ng
RT: 7.62 min Scan# 814
Delta R.T. -0.01 min
Lab File: BG025416.D
Acq: 30 Dec 2016 16:39

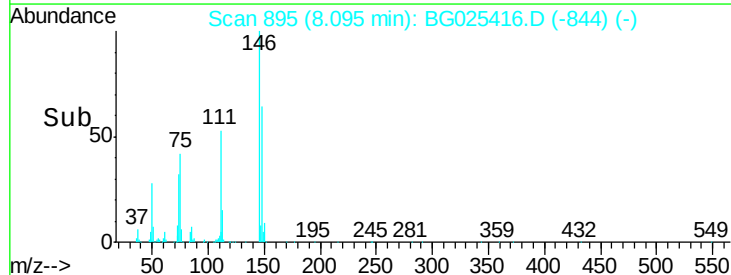
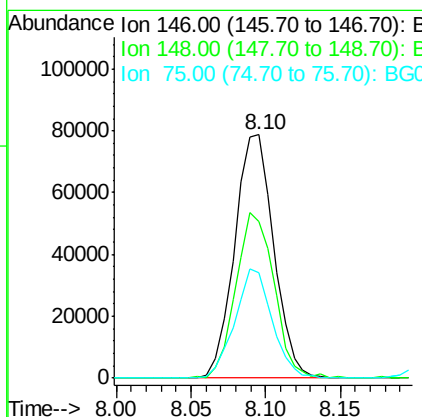
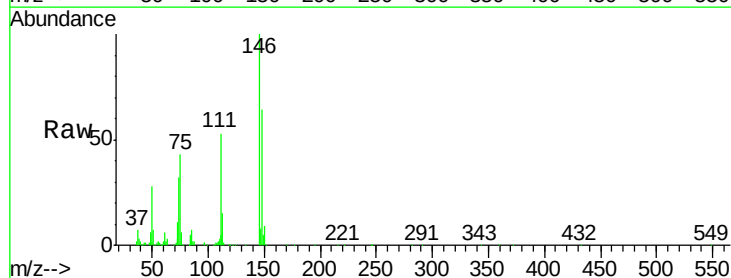
Instrument :
BNA_G
ClientSampleId :
PB95693BSD

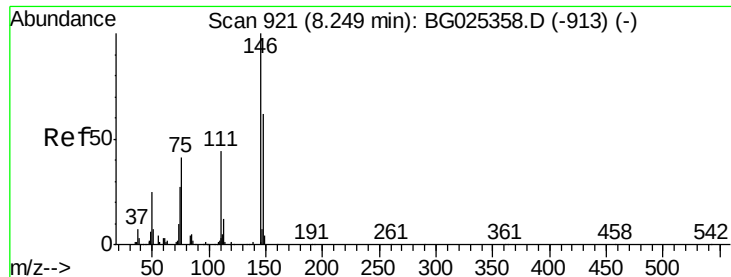
Tgt Ion: 93 Resp: 127594
Ion Ratio Lower Upper
93 100
63 93.5 78.5 118.5
95 35.1 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 39.85 ng
RT: 8.10 min Scan# 895
Delta R.T. -0.00 min
Lab File: BG025416.D
Acq: 30 Dec 2016 16:39

Tgt Ion: 146 Resp: 142920
Ion Ratio Lower Upper
146 100
148 64.2 49.2 73.8
75 43.1 33.4 50.2

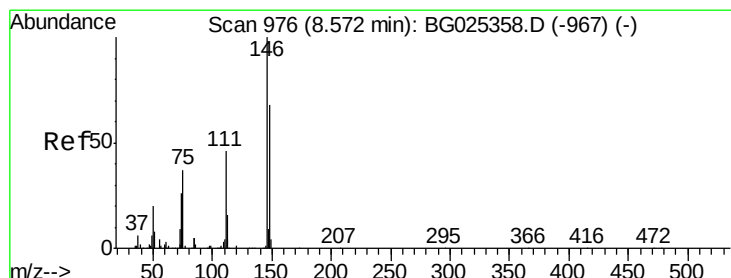
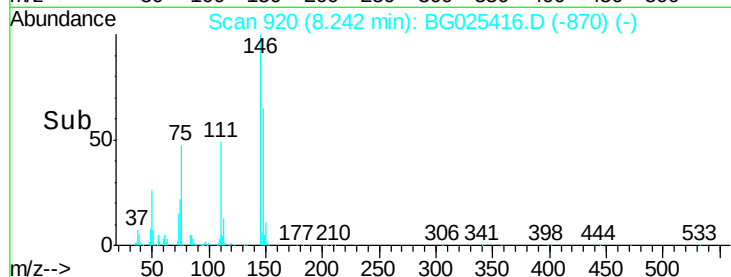
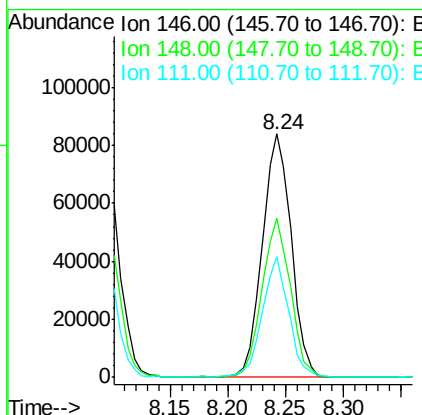
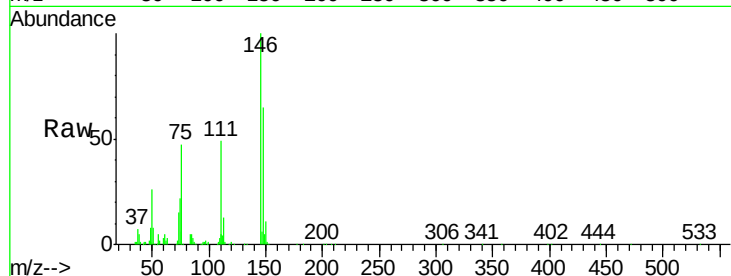




#13
 1,4-Dichlorobenzene
 Concen: 39.39 ng
 RT: 8.24 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: BG025416.D
 Acq: 30 Dec 2016 16:39

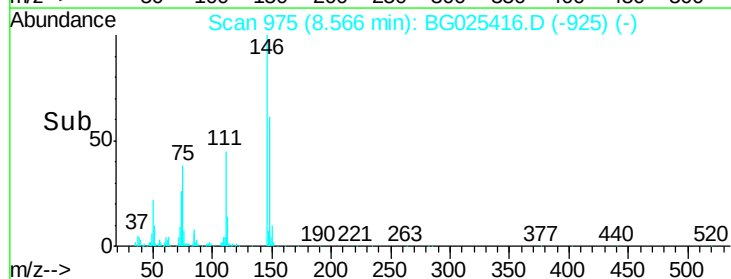
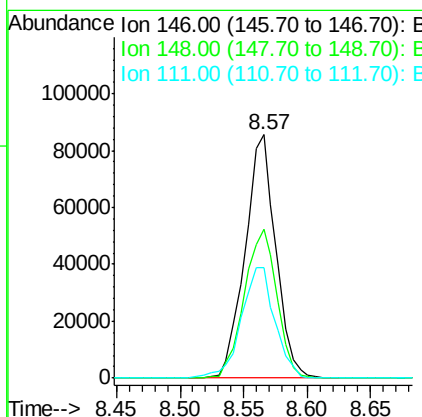
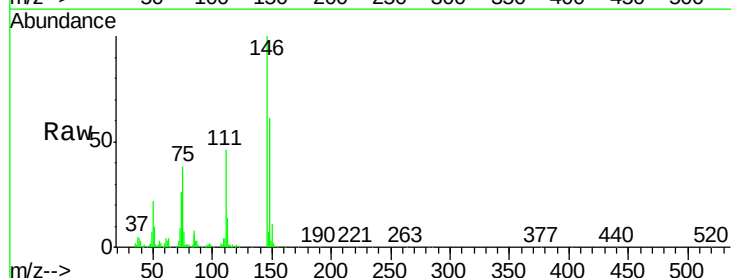
Instrument :
 BNA_G
 ClientSampleId :
 PB95693BSD

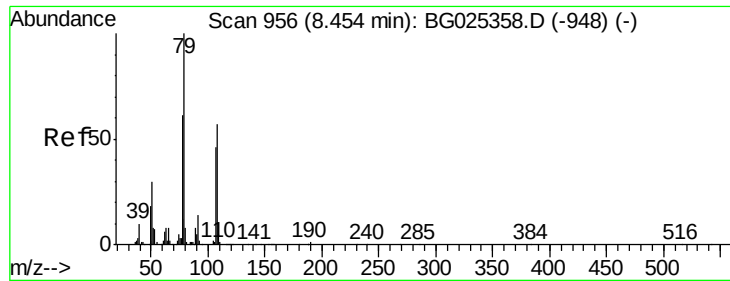
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.2	78.2
111	49.4	37.0	55.6



#14
 1,2-Dichlorobenzene
 Concen: 40.66 ng
 RT: 8.57 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BG025416.D
 Acq: 30 Dec 2016 16:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.3	54.6	81.8
111	45.5	39.7	59.5





#15

Benzyl Alcohol

Concen: 42.99 ng

RT: 8.45 min Scan# 956

Delta R.T. -0.00 min

Lab File: BG025416.D

Acq: 30 Dec 2016 16:39

Instrument :

BNA_G

ClientSampleId :

PB95693BSD

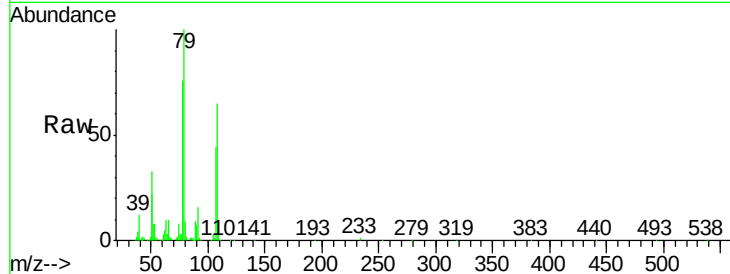
Tgt Ion: 79 Resp: 151854

Ion Ratio Lower Upper

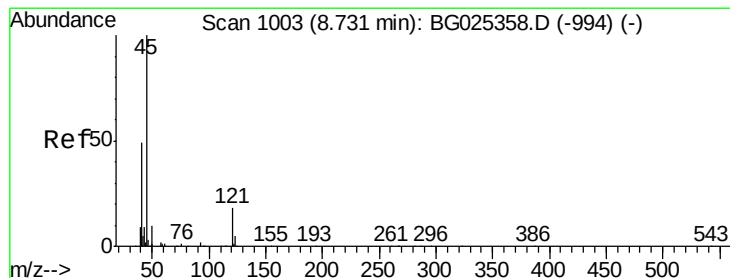
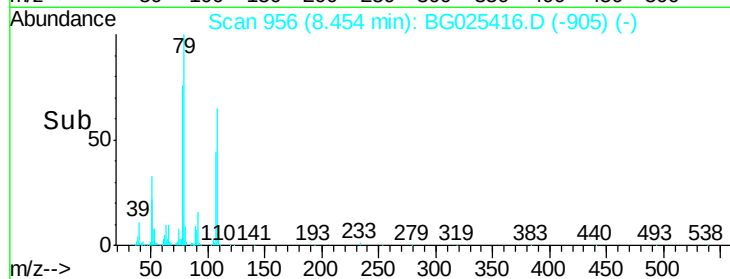
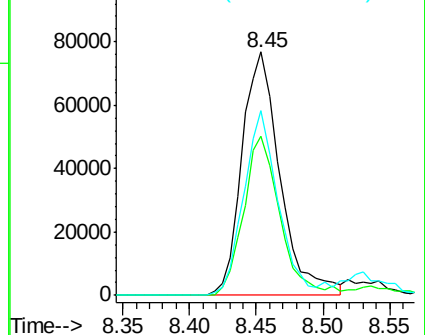
79 100

108 65.4 45.5 68.3

77 75.8 54.3 81.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.32 ng

RT: 8.73 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BG025416.D

Acq: 30 Dec 2016 16:39

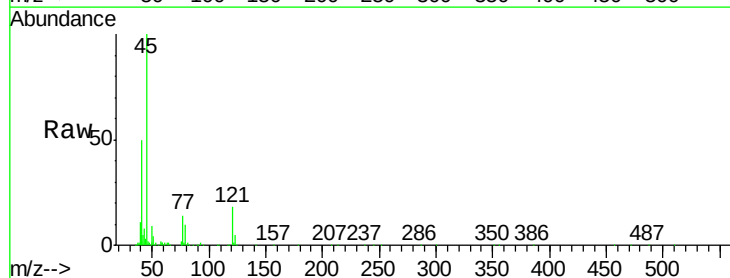
Tgt Ion: 45 Resp: 241852

Ion Ratio Lower Upper

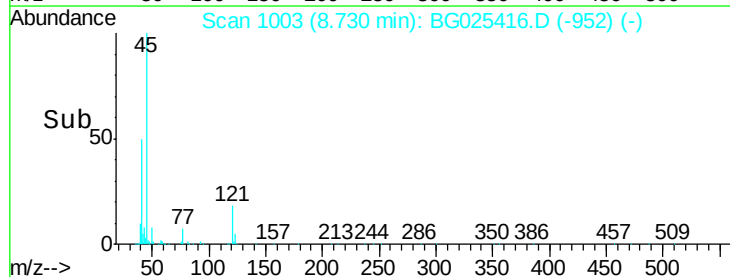
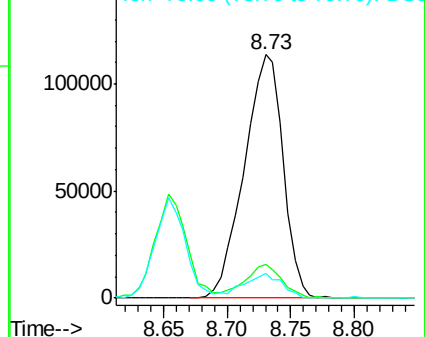
45 100

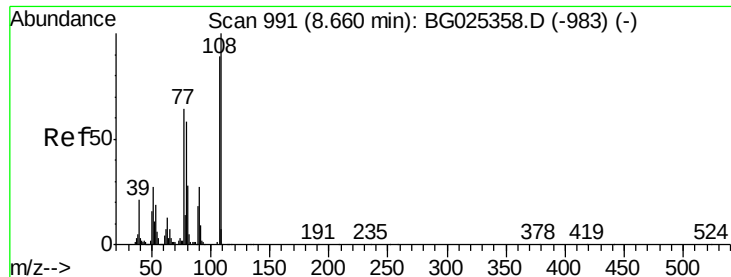
77 14.1 0.0 30.6

79 10.3 0.0 28.5



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





#17

2-Methylphenol

Concen: 47.10 ng

RT: 8.65 min Scan# 990

Delta R.T. -0.01 min

Lab File: BG025416.D

Acq: 30 Dec 2016 16:39

Instrument :

BNA_G

ClientSampleId :

PB95693BSD

Tgt Ion:107 Resp: 126859

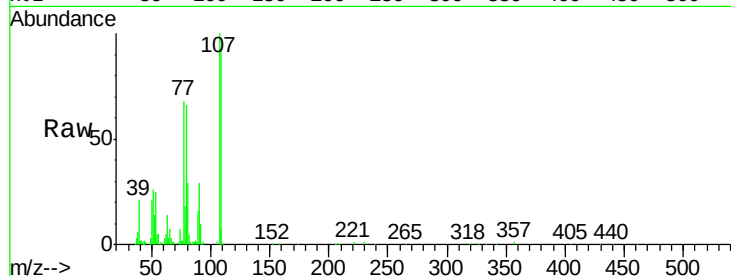
Ion Ratio Lower Upper

107 100

108 93.0 85.6 128.4

77 68.5 51.4 77.2

79 66.0 49.2 73.8



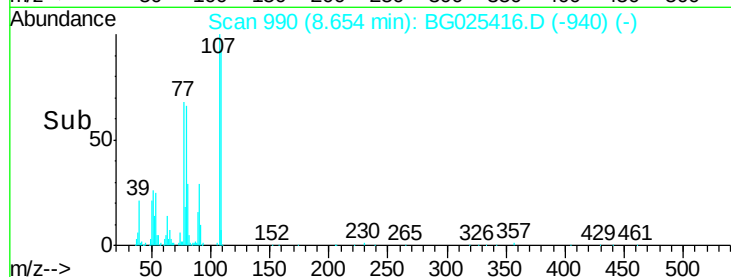
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

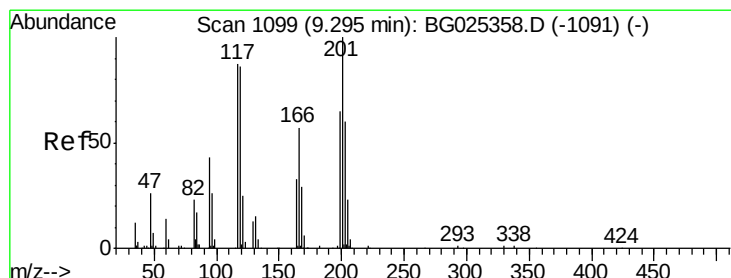
Ion 79.00 (78.70 to 79.70): BG

Time-->



8.65

Time-->



#18

Hexachloroethane

Concen: 43.10 ng

RT: 9.29 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BG025416.D

Acq: 30 Dec 2016 16:39

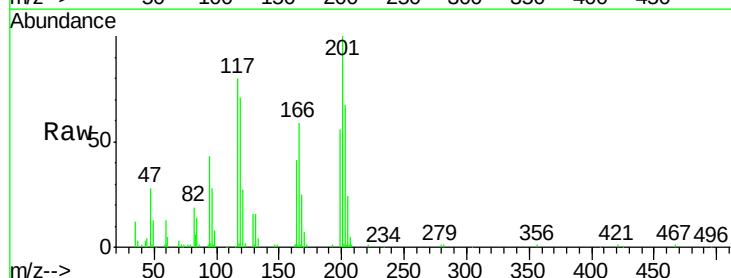
Tgt Ion:117 Resp: 61517

Ion Ratio Lower Upper

117 100

119 88.2 69.8 104.6

201 124.7 95.4 143.0

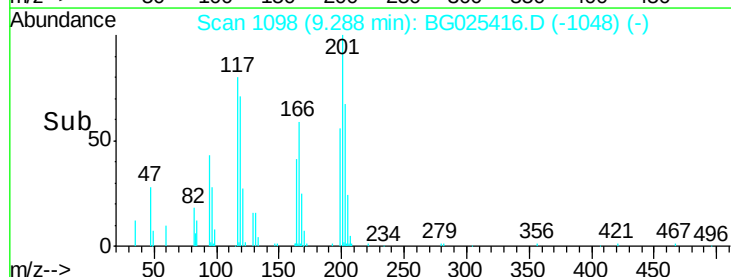


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

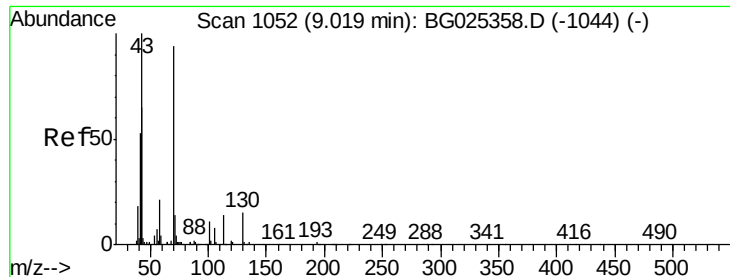
Ion 201.00 (200.70 to 201.70): E

Time-->



9.29

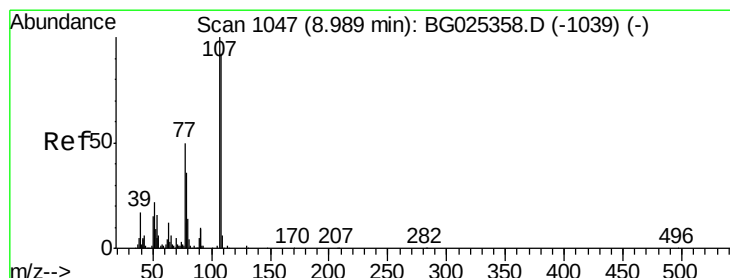
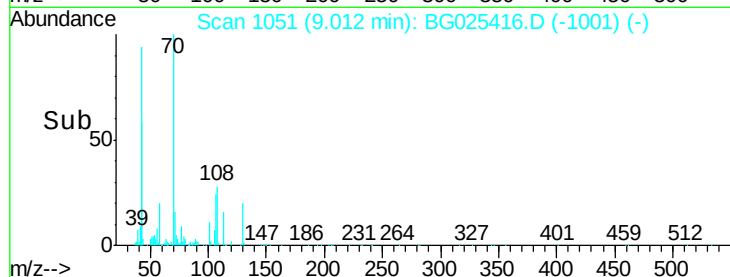
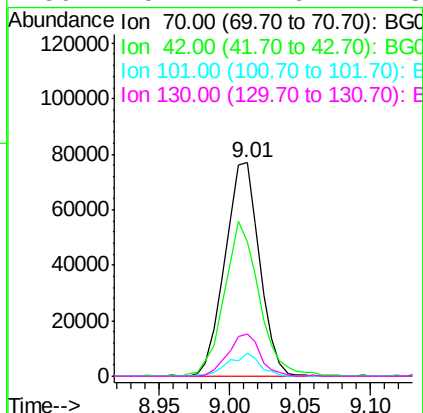
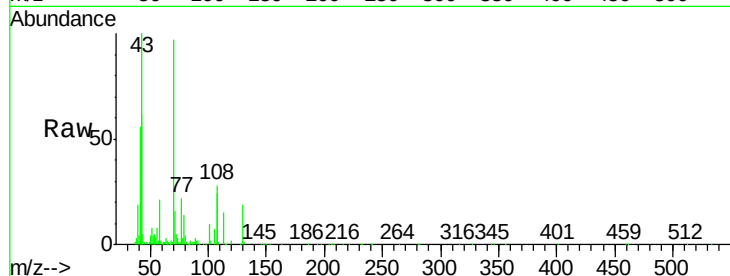
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 42.05 ng
RT: 9.01 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BG025416.D
Acq: 30 Dec 2016 16:39

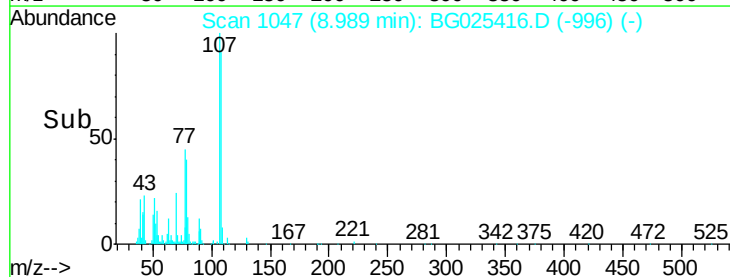
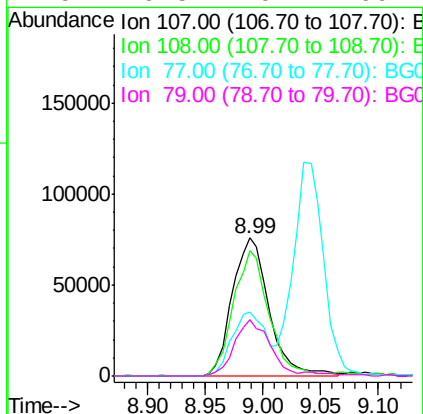
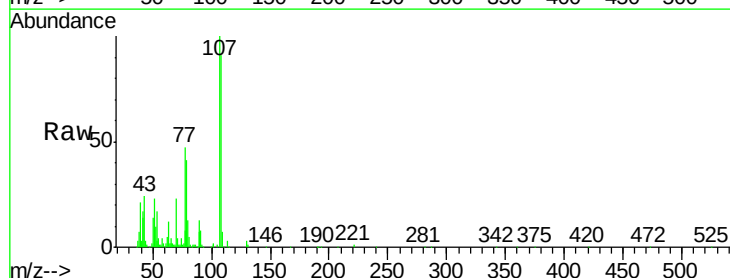
Instrument :
BNA_G
ClientSampleId :
PB95693BSD

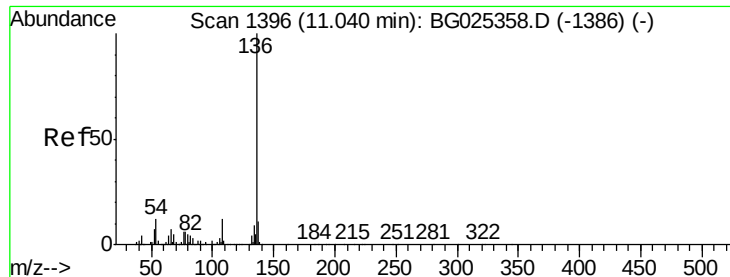
Tgt Ion:	70	Resp:	131413
Ion	Ratio	Lower	Upper
70	100		
42	62.9	56.1	84.1
101	10.7	7.5	11.3
130	19.7	14.6	21.8



#20
3+4-Methylphenols
Concen: 44.89 ng
RT: 8.99 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG025416.D
Acq: 30 Dec 2016 16:39

Tgt Ion:	107	Resp:	167343
Ion	Ratio	Lower	Upper
107	100		
108	91.0	70.8	110.8
77	46.8	25.8	65.8
79	40.5	20.1	60.1

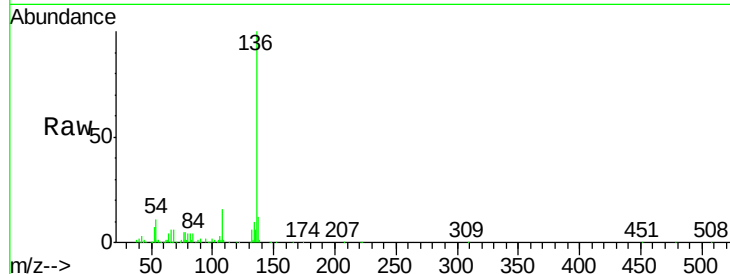




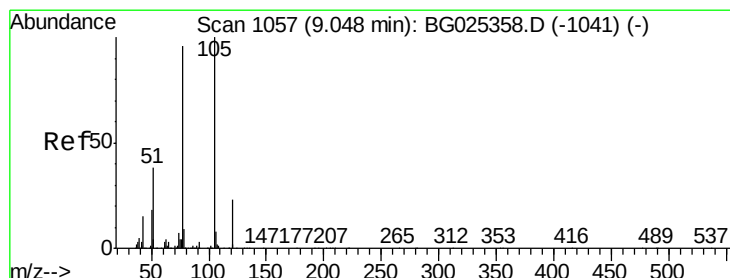
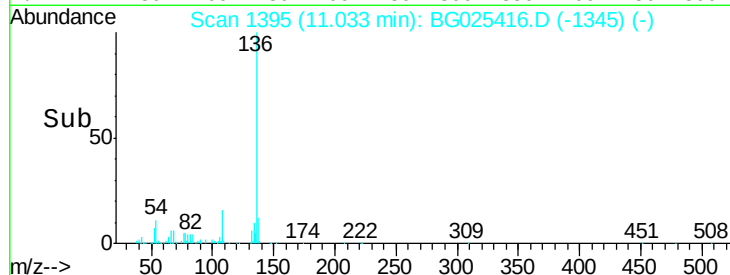
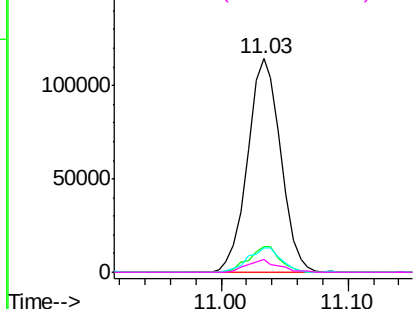
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BG025416.D
Acq: 30 Dec 2016 16:39

Instrument :
BNA_G
ClientSampleId :
PB95693BSD

Tgt Ion:	136	Resp:	206933
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.9	13.3
54	11.3	9.3	13.9
68	5.7	5.1	7.7

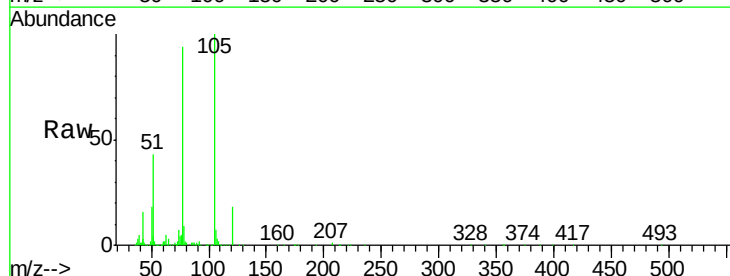


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

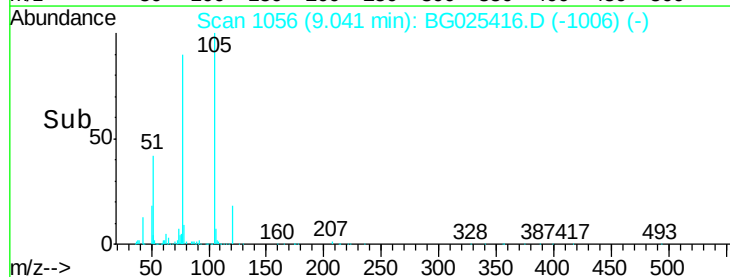
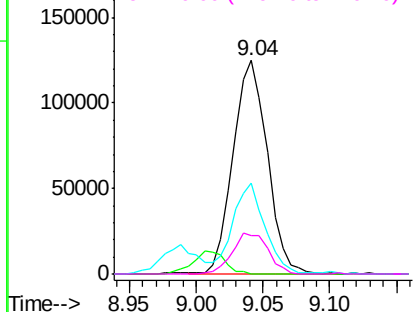


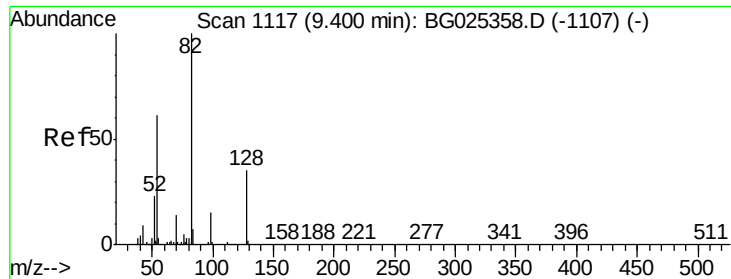
#22
Acetophenone
Concen: 38.64 ng
RT: 9.04 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BG025416.D
Acq: 30 Dec 2016 16:39

Tgt Ion:	105	Resp:	222183
Ion	Ratio	Lower	Upper
105	100		
71	0.1	0.9	1.3#
51	42.8	34.0	51.0
120	17.9	17.3	25.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 84.66 ng

RT: 9.39 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BG025416.D

Acq: 30 Dec 2016 16:39

Instrument :

BNA_G

ClientSampleId :

PB95693BSD

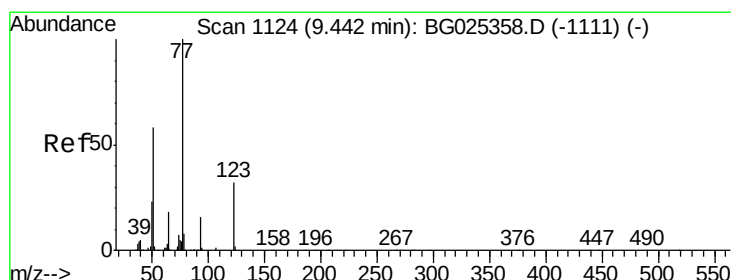
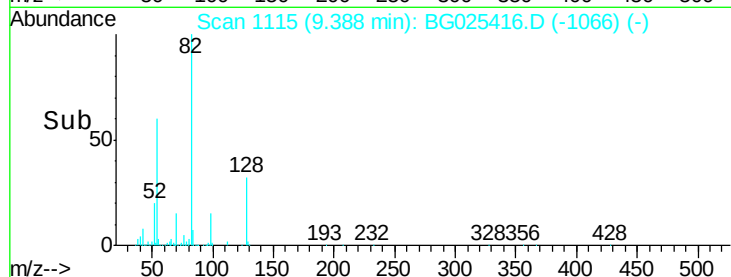
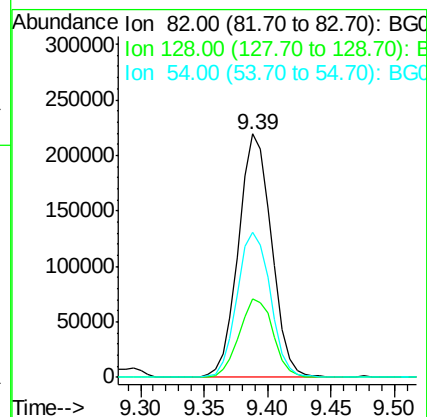
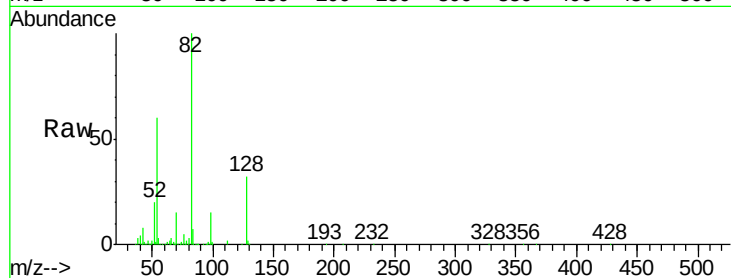
Tgt Ion: 82 Resp: 396581

Ion Ratio Lower Upper

82 100

128 32.0 26.4 39.6

54 59.8 49.4 74.2



#24

Nitrobenzene

Concen: 38.39 ng

RT: 9.44 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BG025416.D

Acq: 30 Dec 2016 16:39

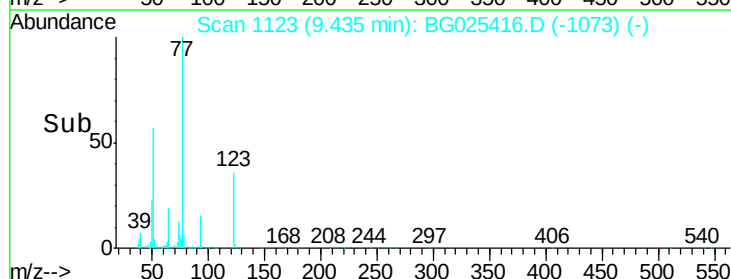
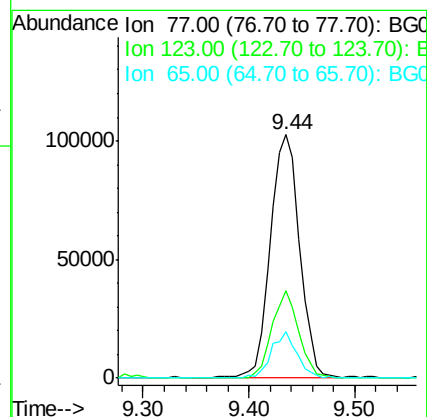
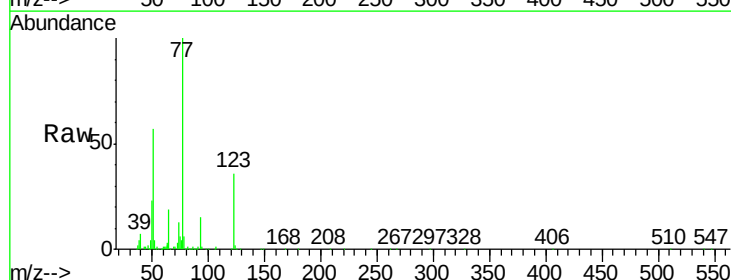
Tgt Ion: 77 Resp: 197218

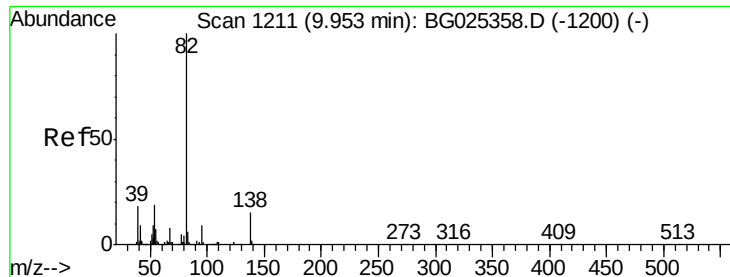
Ion Ratio Lower Upper

77 100

123 36.0 26.1 39.1

65 19.0 12.4 18.6#





#25

Isophorone

Concen: 40.87 ng

RT: 9.95 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BG025416.D

Acq: 30 Dec 2016 16:39

Instrument :

BNA_G

ClientSampleId :

PB95693BSD

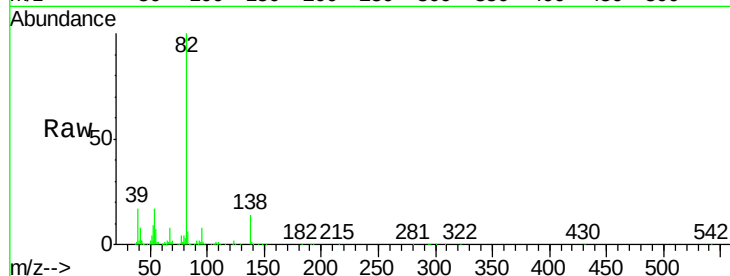
Tgt Ion: 82 Resp: 346666

Ion Ratio Lower Upper

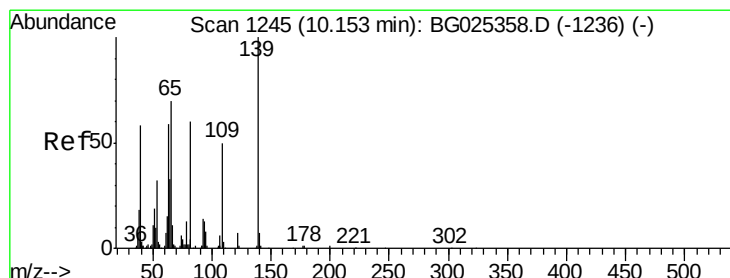
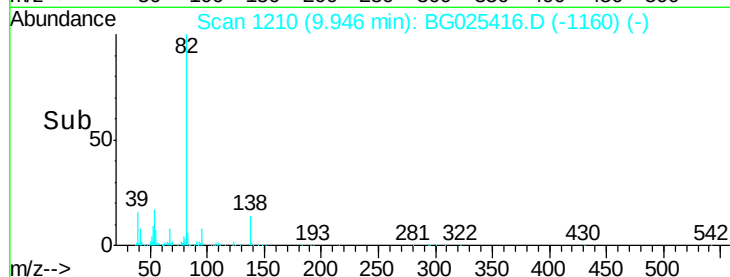
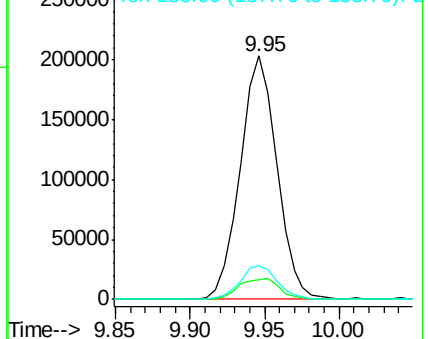
82 100

95 8.2 7.5 11.3

138 13.6 12.3 18.5



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 38.67 ng

RT: 10.15 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BG025416.D

Acq: 30 Dec 2016 16:39

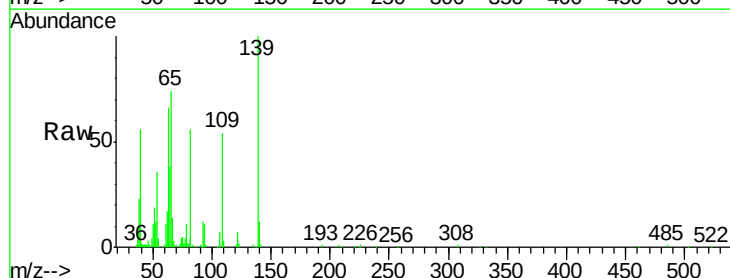
Tgt Ion: 139 Resp: 75994

Ion Ratio Lower Upper

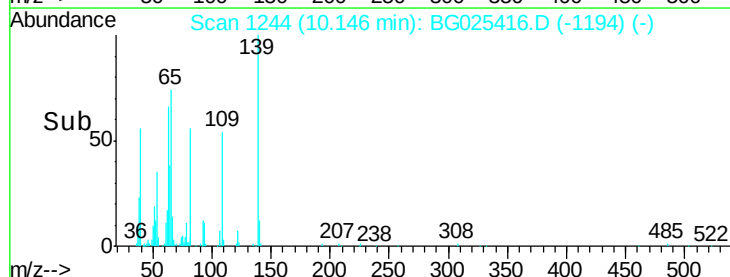
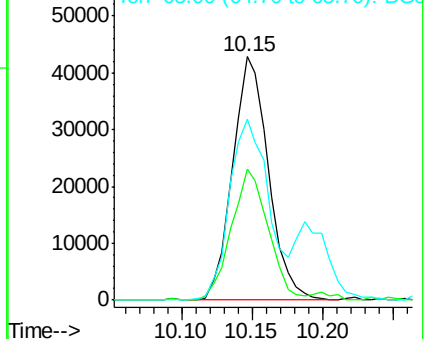
139 100

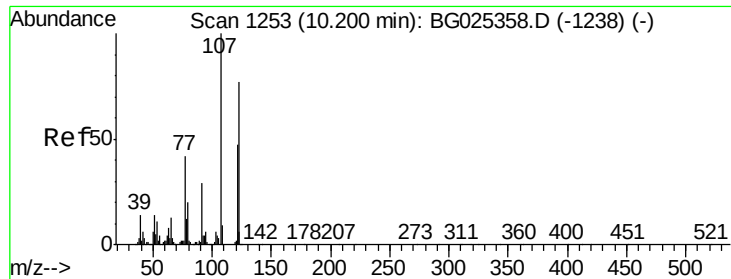
109 53.8 38.6 58.0

65 74.5 57.1 85.7



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

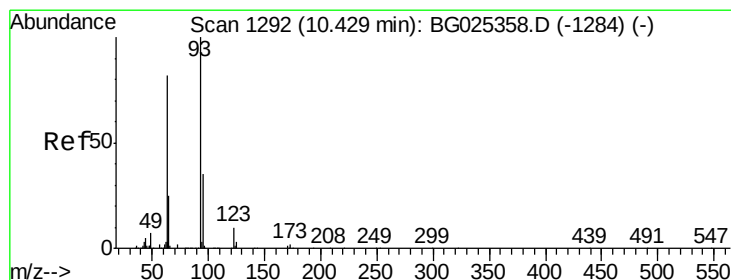
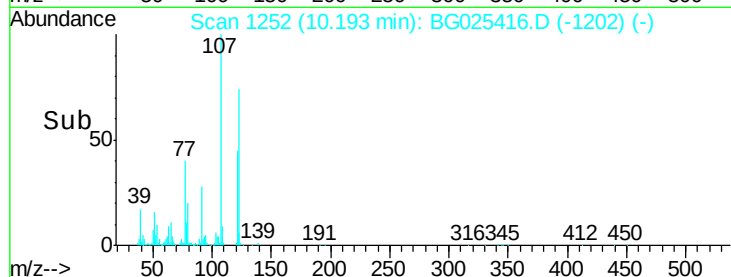
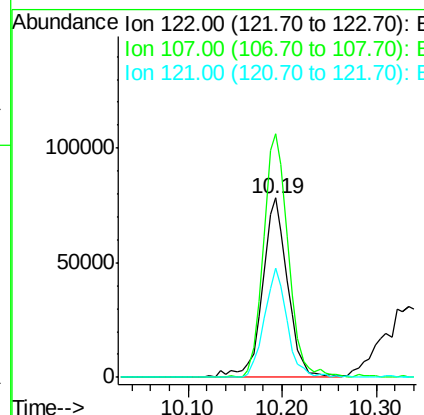
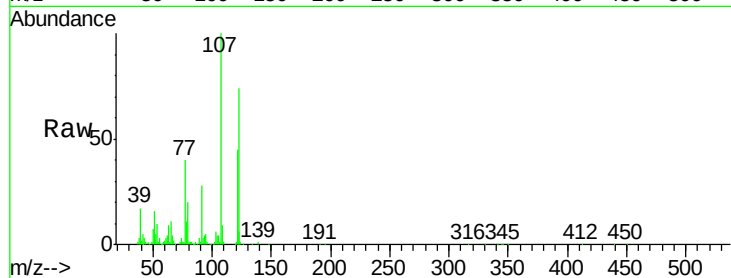




#27
 2,4-Dimethylphenol
 Concen: 44.84 ng
 RT: 10.19 min Scan# 1252
 Delta R.T. -0.01 min
 Lab File: BG025416.D
 Acq: 30 Dec 2016 16:39

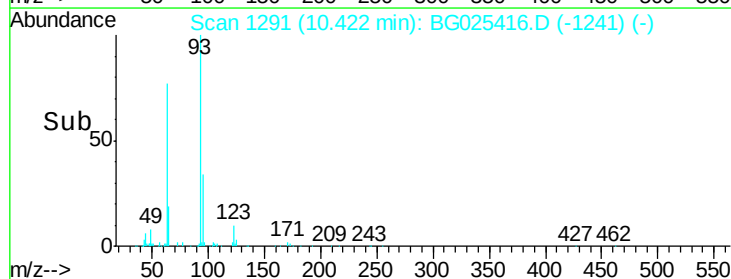
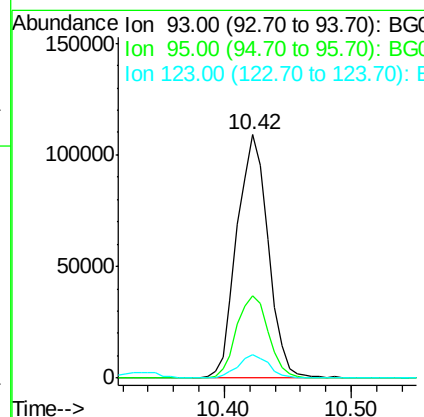
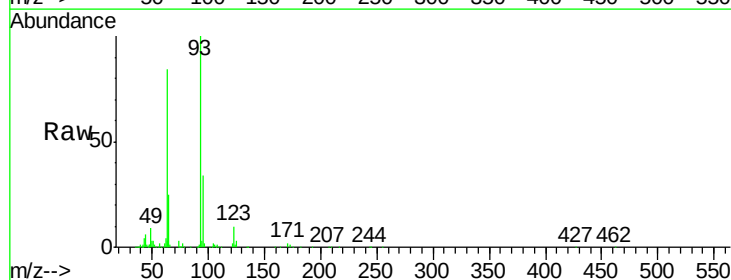
Instrument :
 BNA_G
 ClientSampleId :
 PB95693BSD

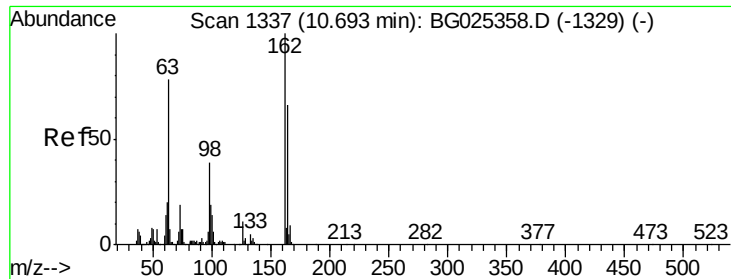
Tgt Ion	Ratio	Lower	Upper
122	100		
107	135.7	104.2	156.4
121	61.0	46.0	69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.31 ng
 RT: 10.42 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BG025416.D
 Acq: 30 Dec 2016 16:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	25.7	38.5
123	9.8	8.3	12.5

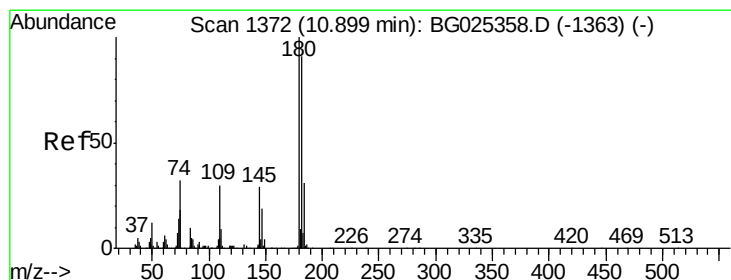
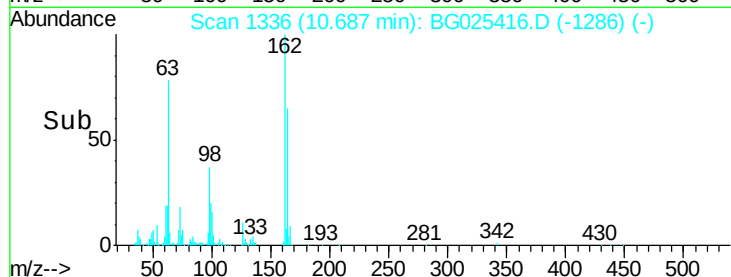
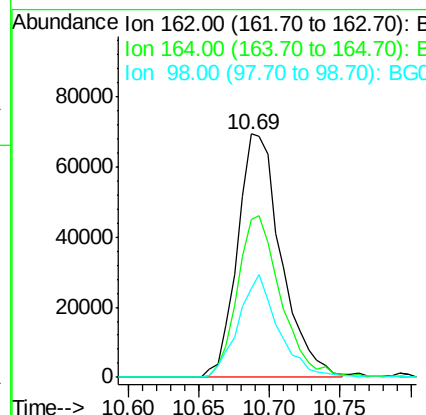
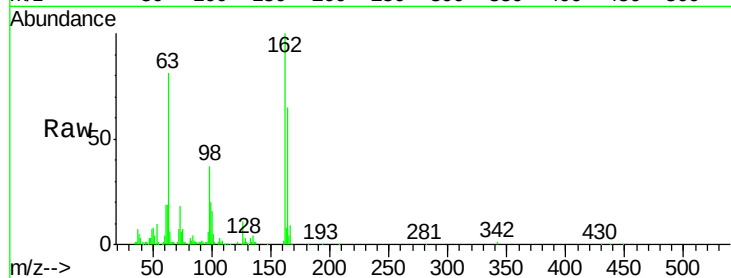




#29
 2,4-Dichlorophenol
 Concen: 43.40 ng
 RT: 10.69 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: BG025416.D
 Acq: 30 Dec 2016 16:39

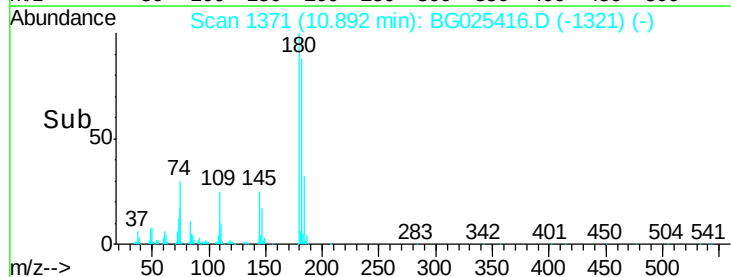
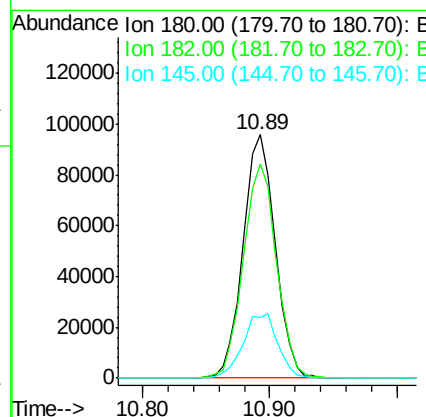
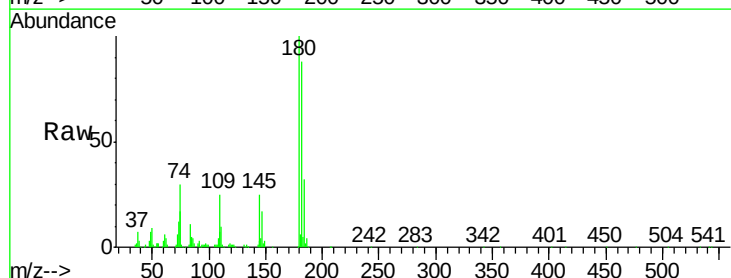
Instrument :
 BNA_G
 ClientSampleId :
 PB95693BSD

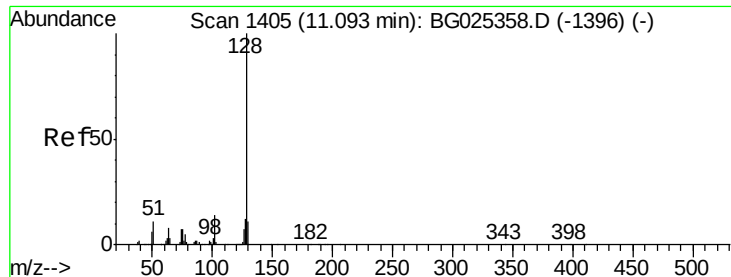
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.7	42.4	82.4
98	36.5	20.3	60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 40.33 ng
 RT: 10.89 min Scan# 1371
 Delta R.T. -0.01 min
 Lab File: BG025416.D
 Acq: 30 Dec 2016 16:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	87.8	77.0	115.4
145	24.9	23.4	35.0

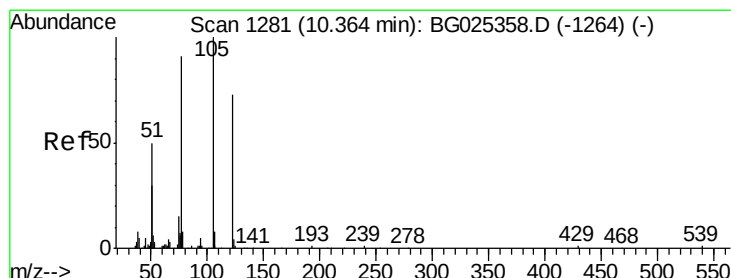
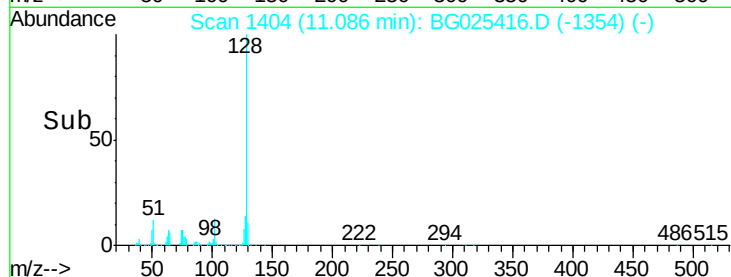
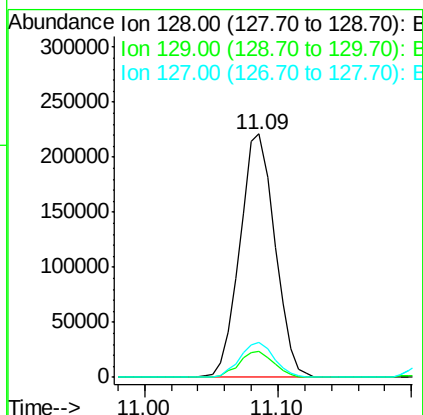
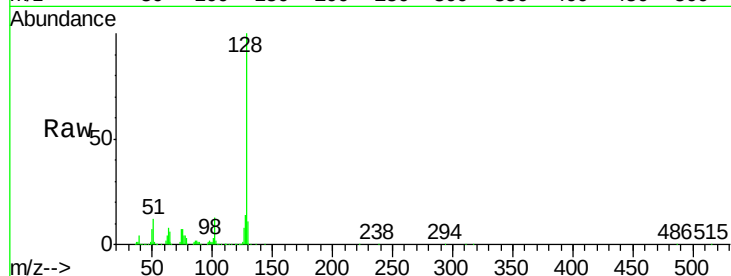




#31
Naphthalene
Concen: 38.80 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BG025416.D
Acq: 30 Dec 2016 16:39

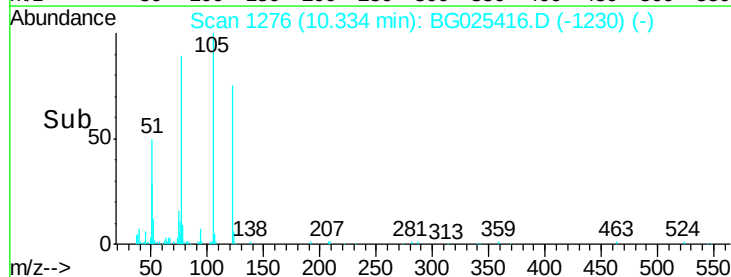
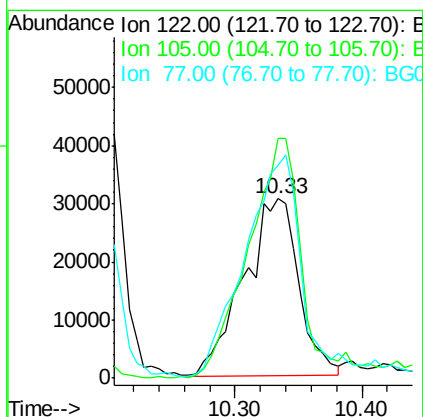
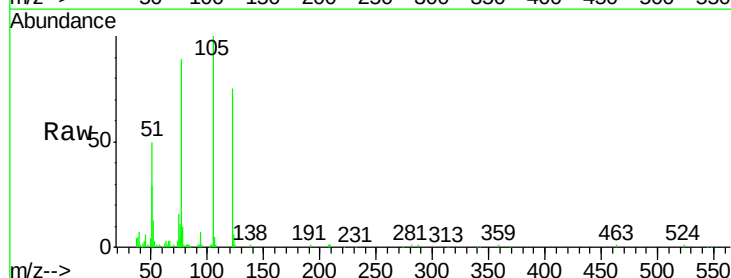
Instrument :
BNA_G
ClientSampleId :
PB95693BSD

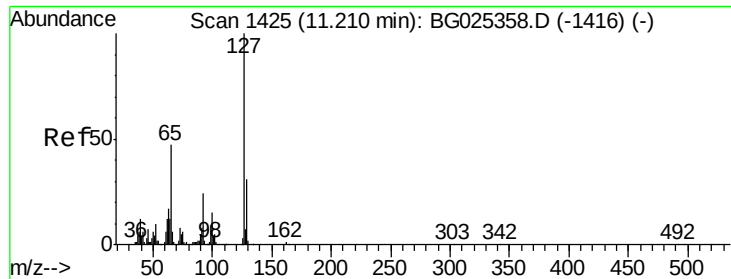
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.3	13.9
127	14.3	11.4	17.0



#32
Benzoic acid
Concen: 35.38 ng
RT: 10.33 min Scan# 1276
Delta R.T. -0.03 min
Lab File: BG025416.D
Acq: 30 Dec 2016 16:39

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.4	120.1	160.1
77	118.8	104.6	144.6

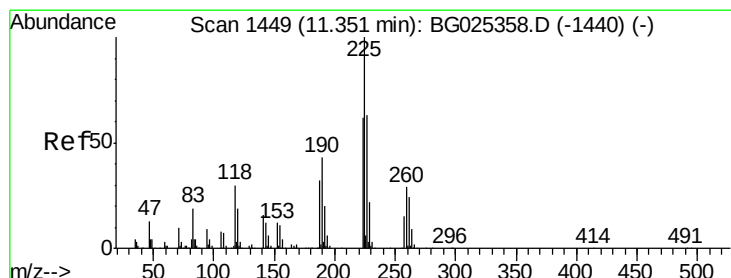
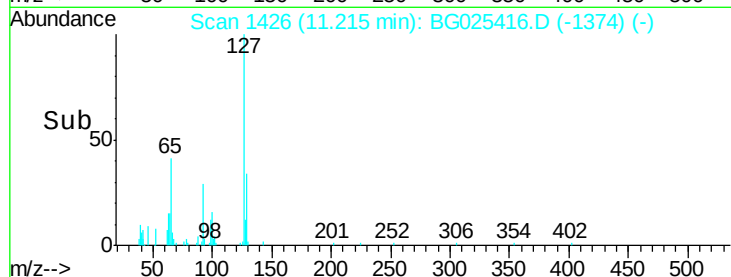
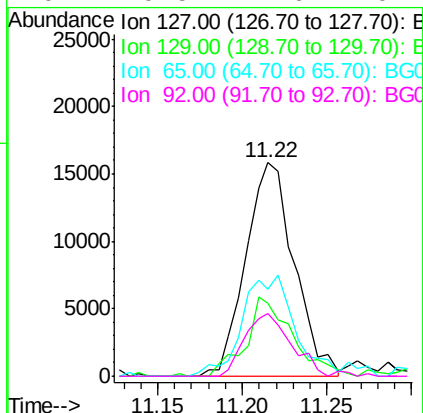
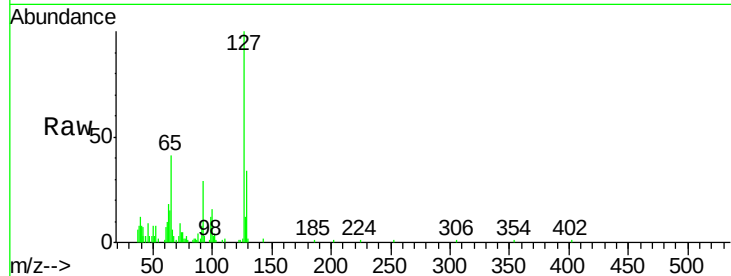




#33
4-Chloroaniline
Concen: 7.25 ng
RT: 11.22 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BG025416.D
Acq: 30 Dec 2016 16:39

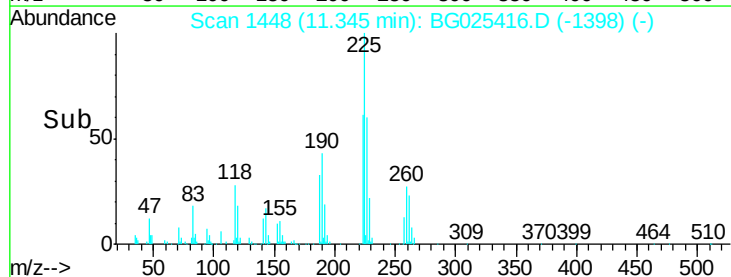
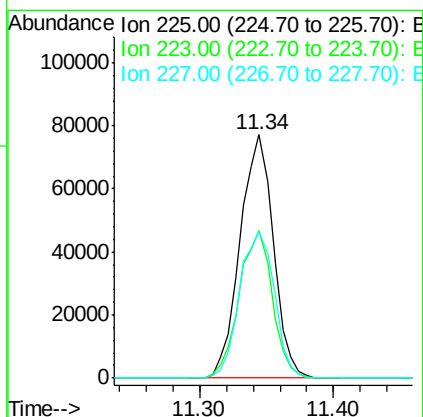
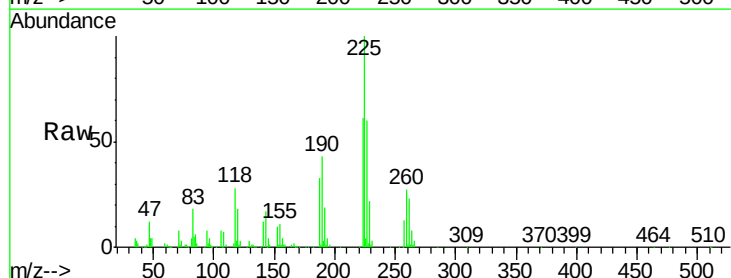
Instrument :
BNA_G
ClientSampleId :
PB95693BSD

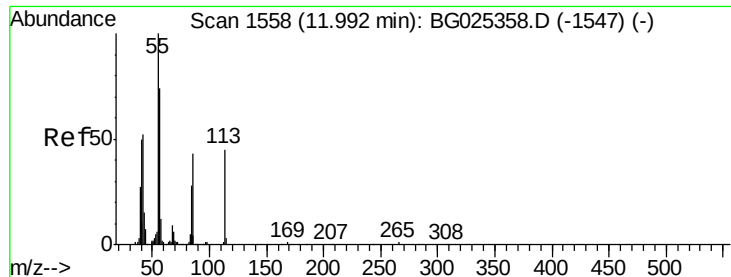
Tgt Ion:	127	Resp:	31533
Ion	Ratio	Lower	Upper
127	100		
129	34.0	23.6	35.4
65	40.7	37.7	56.5
92	29.5	17.6	26.4



#34
Hexachlorobutadiene
Concen: 38.94 ng
RT: 11.34 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BG025416.D
Acq: 30 Dec 2016 16:39

Tgt Ion:	225	Resp:	132768
Ion	Ratio	Lower	Upper
225	100		
223	60.5	50.7	76.1
227	60.2	49.0	73.6





#35

Caprolactam

Concen: 21.48 ng

RT: 11.98 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BG025416.D

Acq: 30 Dec 2016 16:39

Instrument :

BNA_G

ClientSampleId :

PB95693BSD

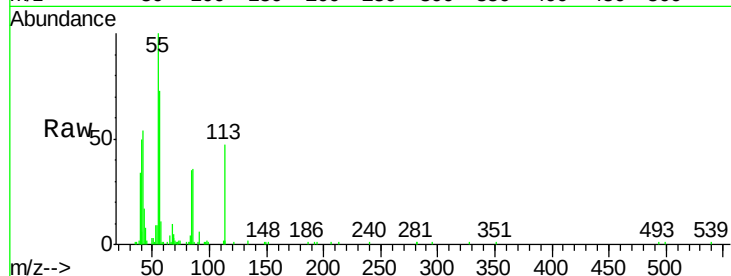
Tgt Ion:113 Resp: 27907

Ion Ratio Lower Upper

113 100

55 212.8 198.6 238.6

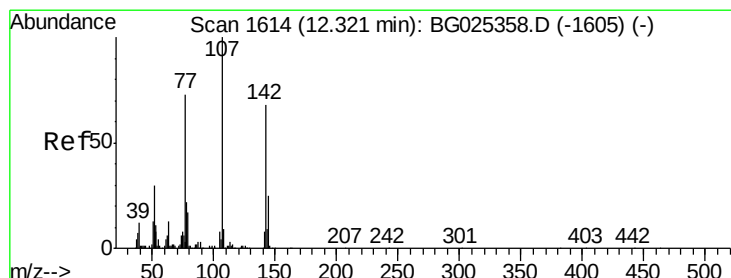
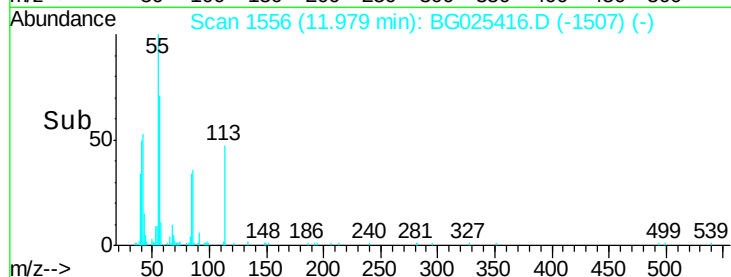
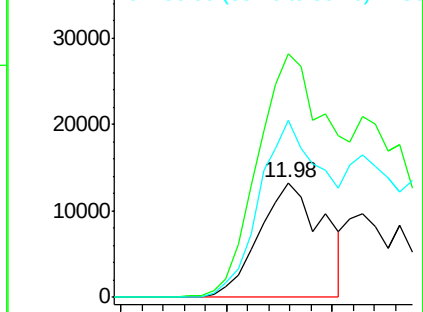
56 154.8 140.4 180.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 41.32 ng

RT: 12.31 min Scan# 1613

Delta R.T. -0.01 min

Lab File: BG025416.D

Acq: 30 Dec 2016 16:39

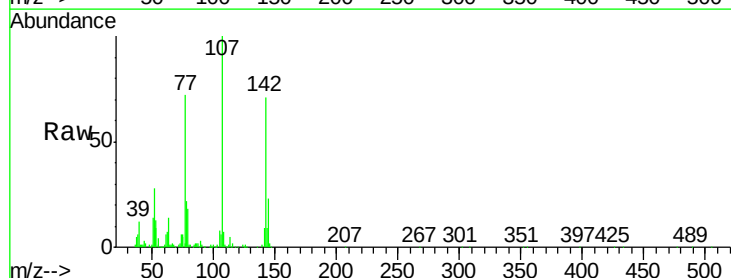
Tgt Ion:107 Resp: 176304

Ion Ratio Lower Upper

107 100

144 23.4 17.4 26.0

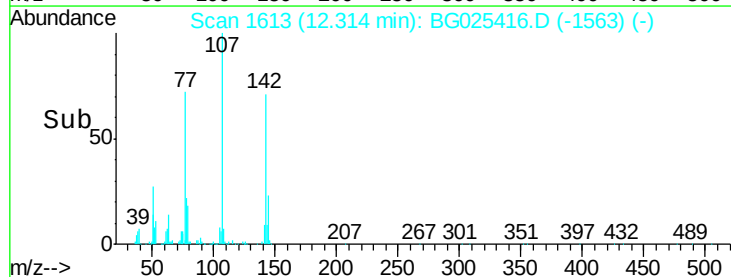
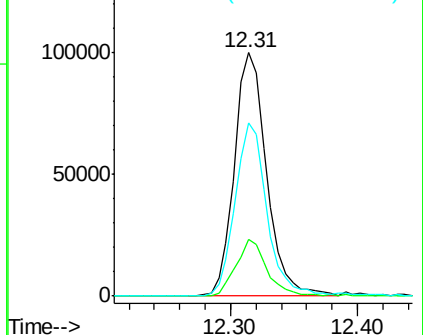
142 71.3 54.1 81.1

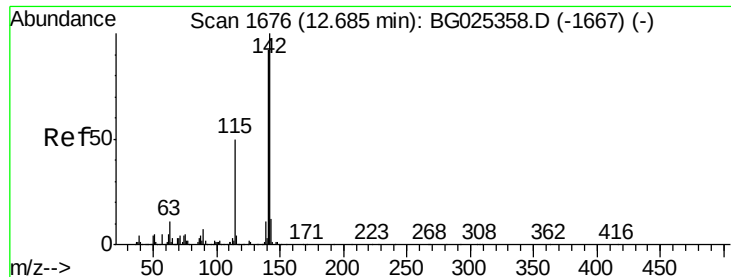


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.03 ng

RT: 12.67 min Scan# 1674

Delta R.T. -0.01 min

Lab File: BG025416.D

Acq: 30 Dec 2016 16:39

Instrument :

BNA_G

ClientSampleId :

PB95693BSD

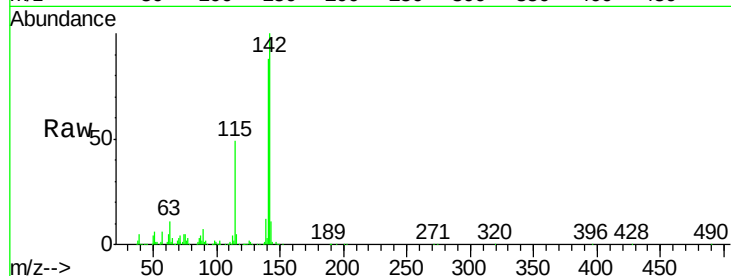
Tgt Ion:142 Resp: 314258

Ion Ratio Lower Upper

142 100

141 88.4 70.4 105.6

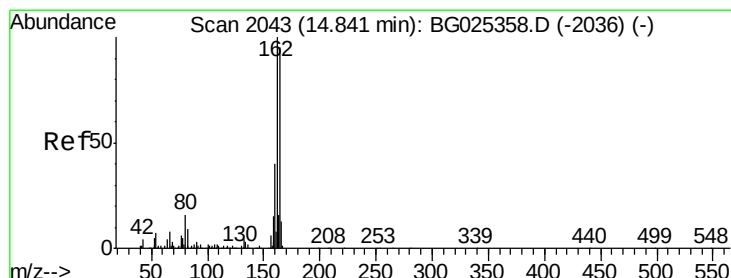
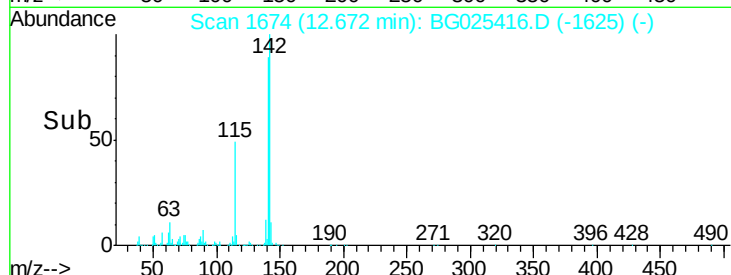
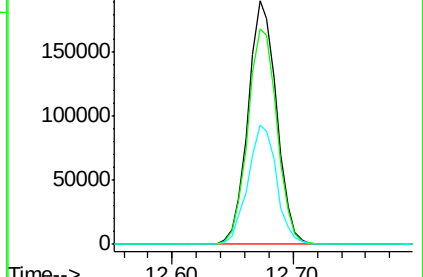
115 48.8 35.5 53.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.83 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BG025416.D

Acq: 30 Dec 2016 16:39

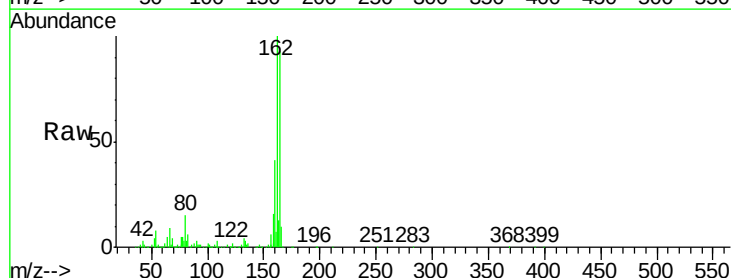
Tgt Ion:164 Resp: 159837

Ion Ratio Lower Upper

164 100

162 107.8 85.1 127.7

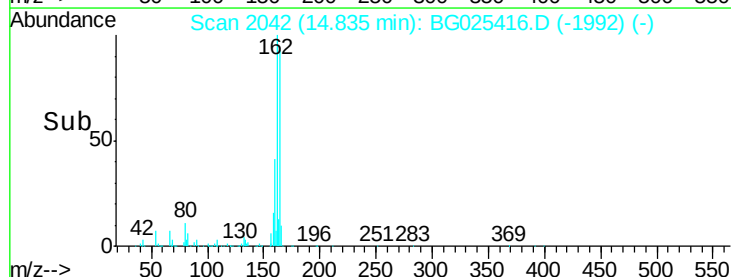
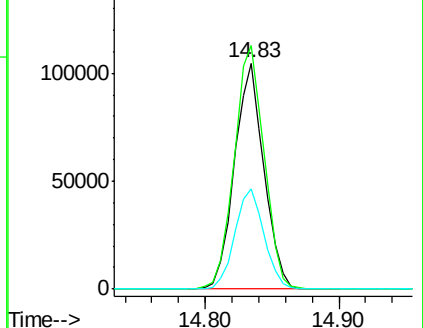
160 44.6 34.7 52.1

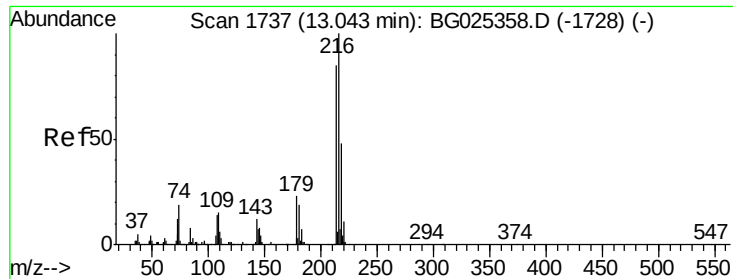


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.72 ng

RT: 13.04 min Scan# 1736

Delta R.T. -0.01 min

Lab File: BG025416.D

Acq: 30 Dec 2016 16:39

Instrument :

BNA_G

ClientSampleId :

PB95693BSD

Tgt Ion:216 Resp: 225456

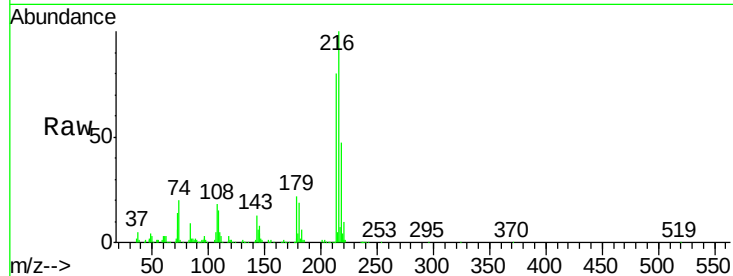
Ion Ratio Lower Upper

216 100

214 79.5 64.4 96.6

179 21.3 17.4 26.0

108 18.9 15.6 23.4

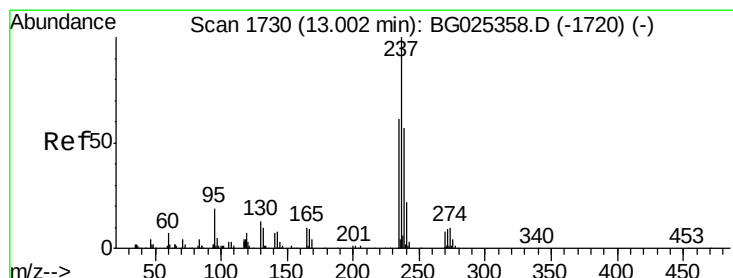
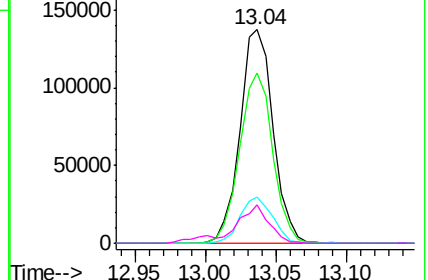
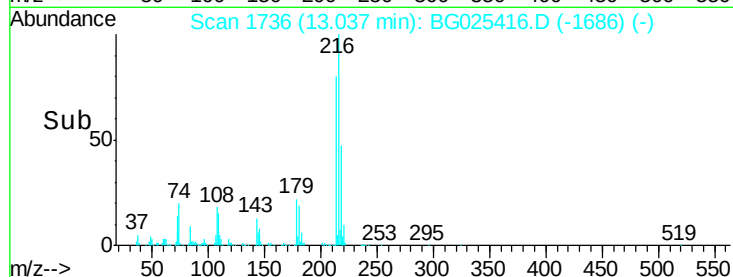


Abundance Ion 216.00 (215.70 to 216.70): E

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: 104.54 ng

RT: 13.00 min Scan# 1729

Delta R.T. -0.01 min

Lab File: BG025416.D

Acq: 30 Dec 2016 16:39

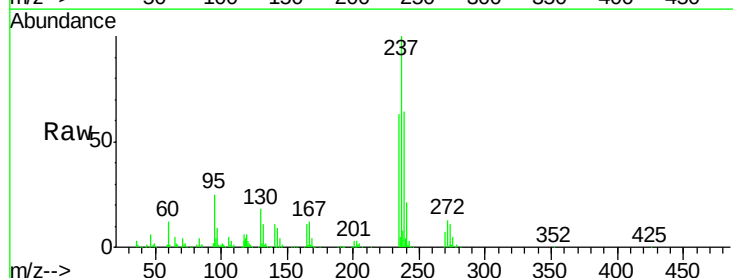
Tgt Ion:237 Resp: 207142

Ion Ratio Lower Upper

237 100

235 63.1 39.4 79.4

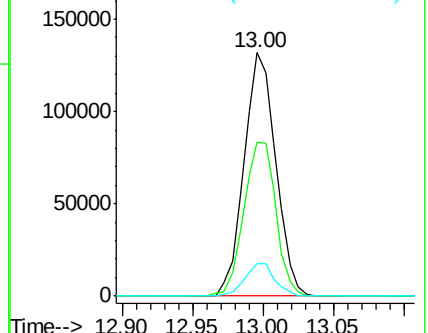
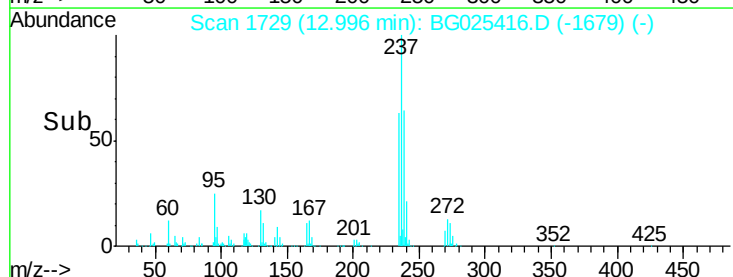
272 13.1 0.0 32.0

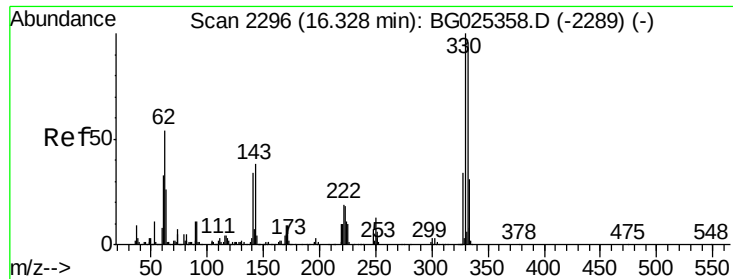


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

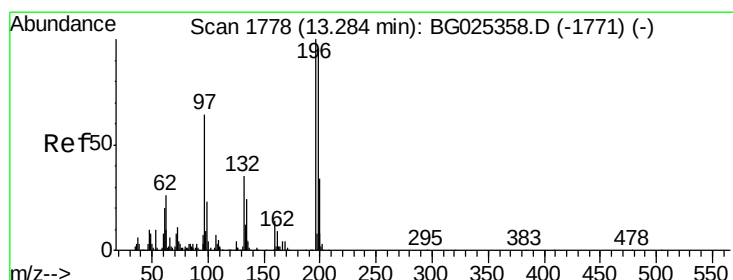
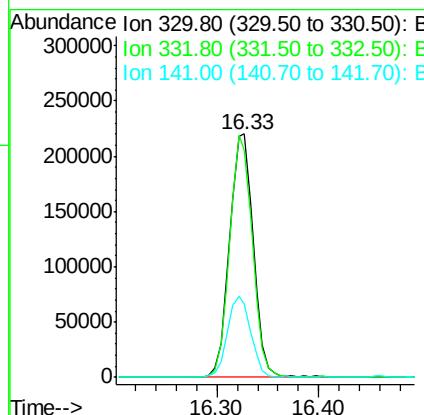
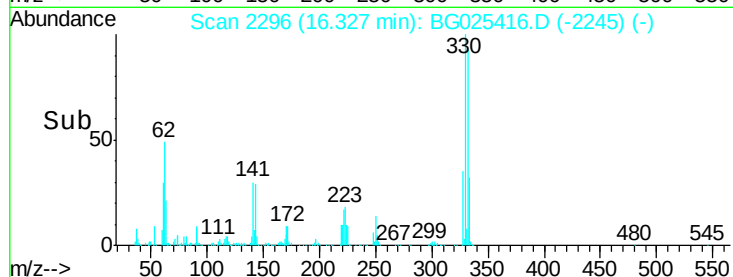
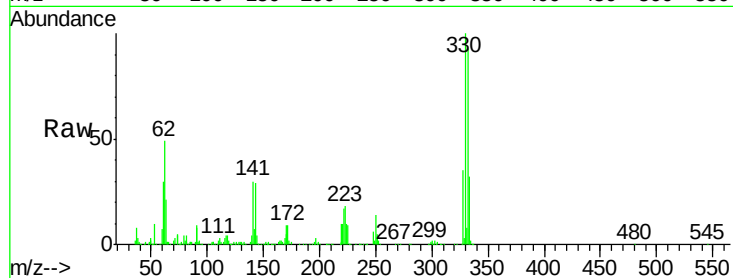




#41
 2,4,6-Tribromophenol
 Concen: 138.71 ng
 RT: 16.33 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: BG025416.D
 Acq: 30 Dec 2016 16:39

Instrument :
 BNA_G
 ClientSampleId :
 PB95693BSD

Tgt Ion:330 Resp: 356943
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.3 115.9
 141 32.8 32.1 48.1



#42
 2,4,6-Trichlorophenol
 Concen: 43.23 ng
 RT: 13.28 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG025416.D
 Acq: 30 Dec 2016 16:39

Tgt Ion:196 Resp: 143643
 Ion Ratio Lower Upper
 196 100
 198 93.1 81.4 122.2
 200 31.1 27.0 40.6

