

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011017\
 Data File : BG025462.D
 Acq On : 10 Jan 2017 21:40
 Operator : UM/SJ
 Sample : I1078-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-0-2-COMPMSD

Quant Time: Jan 10 23:06:14 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 11:26:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	55252	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	224541	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	186038	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	429861	20.00	ng	0.00
75) Chrysene-d12	21.87	240	608052	20.00	ng	0.00
86) Perylene-d12	25.26	264	654722	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.74	112	484642	159.44	ng	0.00
7) Phenol-d6	7.36	99	663440	154.97	ng	0.00
23) Nitrobenzene-d5	9.38	82	557029	109.59	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	494003	164.94	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1196786	104.15	ng	0.00
78) Terphenyl-d14	20.15	244	2356118	102.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	52232	40.27	ng	# 39
3) Pyridine	4.01	79	151514	40.30	ng	96
4) n-Nitrosodimethylamine	3.91	42	112996	50.63	ng	94
6) Aniline	7.53	93	209679	36.15	ng	97
8) 2-Chlorophenol	7.77	128	175627	51.22	ng	94
9) Benzaldehyde	7.35	77	18565	5.93	ng	# 81
10) Phenol	7.39	94	230785	48.63	ng	95
11) bis(2-Chloroethyl)ether	7.61	93	180468	49.35	ng	90
12) 1,3-Dichlorobenzene	8.08	146	191605	46.18	ng	97
13) 1,4-Dichlorobenzene	8.24	146	194420	45.21	ng	98
14) 1,2-Dichlorobenzene	8.56	146	191326	46.62	ng	98
15) Benzyl Alcohol	8.45	79	222826	54.52	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.72	45	326891	48.27	ng	95
17) 2-Methylphenol	8.65	107	165059	52.96	ng	96
18) Hexachloroethane	9.29	117	76277	46.18	ng	96
19) n-Nitroso-di-n-propylamine	9.00	70	181772	50.27	ng	99
20) 3+4-Methylphenols	8.98	107	228640	53.01	ng	96
22) Acetophenone	9.04	105	306776	49.17	ng	# 95
24) Nitrobenzene	9.43	77	278818	50.01	ng	97
25) Isophorone	9.94	82	509911	55.41	ng	98
26) 2-Nitrophenol	10.15	139	106121	49.77	ng	94
27) 2,4-Dimethylphenol	10.19	122	197169	56.25	ng	94
28) bis(2-Chloroethoxy)methane	10.42	93	259902	54.38	ng	99
29) 2,4-Dichlorophenol	10.69	162	210183	56.03	ng	94
30) 1,2,4-Trichlorobenzene	10.89	180	223225	49.26	ng	99
31) Naphthalene	11.08	128	551751	49.21	ng	98
32) Benzoic acid	10.34	122	113064	40.11	ng	94
33) 4-Chloroaniline	11.21	127	34588	7.33	ng	# 94
34) Hexachlorobutadiene	11.33	225	178877	48.36	ng	97
35) Caprolactam	11.99	113	27907	19.80	ng	94
36) 4-Chloro-3-methylphenol	12.31	107	257176	55.54	ng	99
37) 2-Methylnaphthalene	12.67	142	425692	51.23	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	311867	50.77	ng	97
40) Hexachlorocyclopentadiene	12.99	237	270640	116.31	ng	97

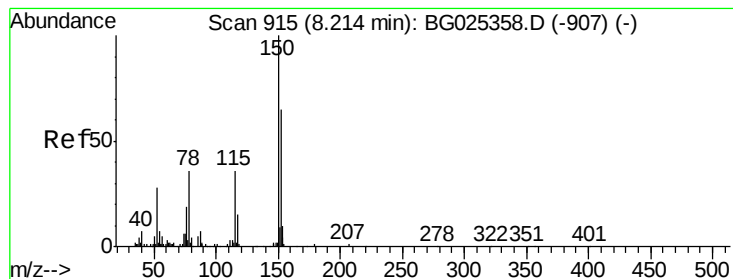
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011017\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	207456	53.64	ng	96
43) 2,4,5-Trichlorophenol	13.37	196	211148	52.16	ng	94
45) 1,1'-Biphenyl	13.66	154	652407	52.14	ng	94
46) 2-Chloronaphthalene	13.72	162	504515	51.61	ng	96
47) 2-Nitroaniline	13.93	65	223066	54.06	ng	97
48) Acenaphthylene	14.56	152	771336	50.91	ng	99
49) Dimethylphthalate	14.27	163	712999	52.57	ng	99
50) 2,6-Dinitrotoluene	14.41	165	159992	54.00	ng	97
51) Acenaphthene	14.89	154	493074	49.75	ng	99
52) 3-Nitroaniline	14.75	138	84449	29.65	ng	97
53) 2,4-Dinitrophenol	14.97	184	203413	103.13	ng	# 82
54) Dibenzofuran	15.22	168	842453	53.77	ng	97
55) 4-Nitrophenol	15.07	139	213552	100.38	ng	91
56) 2,4-Dinitrotoluene	15.21	165	243970	56.55	ng	# 93
57) Fluorene	15.88	166	684409	52.18	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.46	232	239889	55.32	ng	# 95
59) Diethylphthalate	15.62	149	763000	53.65	ng	99
60) 4-Chlorophenyl-phenylether	15.85	204	395944	53.26	ng	99
61) 4-Nitroaniline	15.92	138	140811	49.13	ng	# 88
62) Azobenzene	16.15	77	785668	57.28	ng	100
64) 4,6-Dinitro-2-methylphenol	15.97	198	163514	54.93	ng	86
65) n-Nitrosodiphenylamine	16.07	169	643918	55.42	ng	98
66) 4-Bromophenyl-phenylether	16.74	248	287969	54.30	ng	94
67) Hexachlorobenzene	16.87	284	321236	52.79	ng	# 92
68) Atrazine	17.01	200	304485	59.81	ng	96
69) Pentachlorophenol	17.23	266	348605	110.50	ng	97
70) Phenanthrene	17.61	178	1193205	53.87	ng	97
71) Anthracene	17.71	178	1228389	54.58	ng	99
72) Carbazole	17.98	167	1087019	53.99	ng	97
73) Di-n-butylphthalate	18.50	149	1336243	53.95	ng	97
74) Fluoranthene	19.62	202	1592806	54.44	ng	94
76) Benzidine	19.79	184	312444	20.60	ng	99
77) Pyrene	19.98	202	1619452	50.96	ng	99
79) Butylbenzylphthalate	20.83	149	697182	54.64	ng	96
80) Benzo(a)anthracene	21.84	228	1821250	53.70	ng	99
81) 3,3'-Dichlorobenzidine	21.75	252	476154	36.15	ng	# 95
82) Chrysene	21.92	228	1686017	51.84	ng	99
83) Bis(2-ethylhexyl)phthalate	21.69	149	986108	55.53	ng	99
84) Di-n-octyl phthalate	22.94	149	1676609	56.87	ng	96
85) Indeno(1,2,3-cd)pyrene	29.19	276	2378256	57.52	ng	# 96
87) Benzo(b)fluoranthene	24.18	252	1900281	53.20	ng	99
88) Benzo(k)fluoranthene	24.25	252	1840268	53.34	ng	96
89) Benzo(a)pyrene	25.11	252	1886024	54.67	ng	# 98
90) Dibenzo(a,h)anthracene	29.24	278	1994862	54.55	ng	98
91) Benzo(g,h,i)perylene	30.43	276	1958456	53.90	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.20 min Scan# 912

Delta R.T. -0.00 min

Lab File: BG025462.D

Acq: 10 Jan 2017 21:40

Instrument :

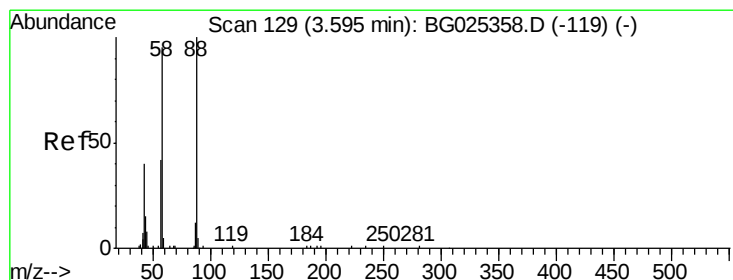
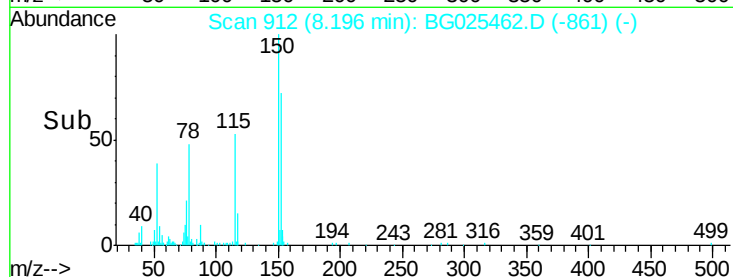
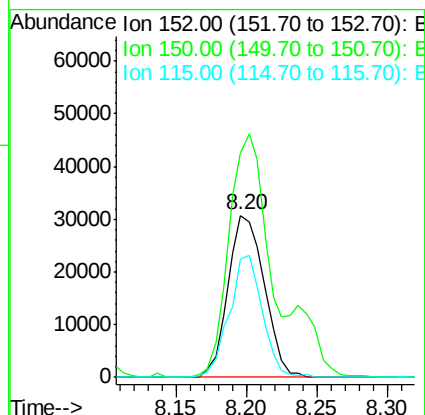
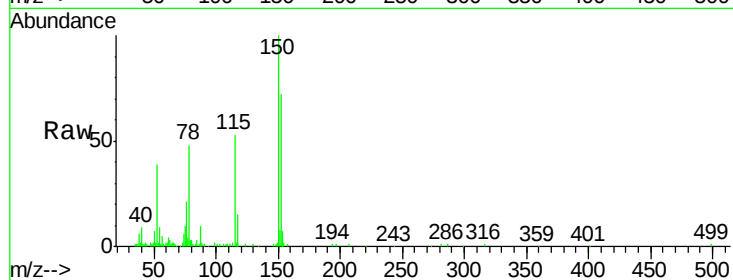
BNA_G

ClientSampleId :

ROLL-OFF-0-2-COMPMSD

Tgt Ion:152 Resp: 55252

Ion	Ratio	Lower	Upper
152	100		
150	138.3	114.0	171.0
115	72.7	48.1	72.1#



#2

1,4-Dioxane

Concen: 40.27 ng

RT: 3.58 min Scan# 127

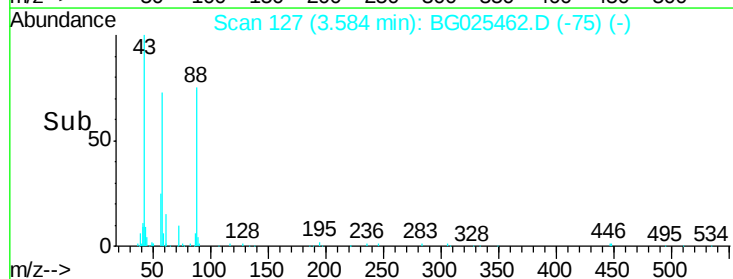
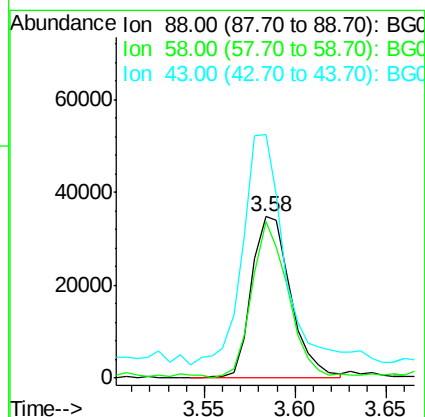
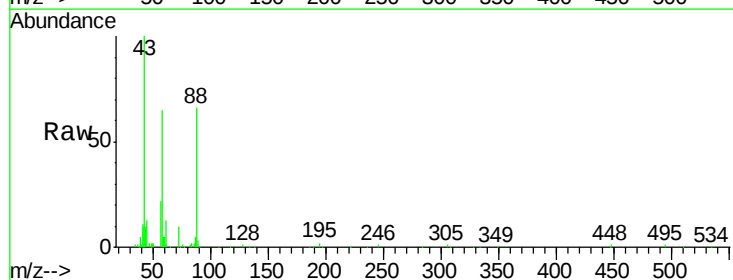
Delta R.T. 0.00 min

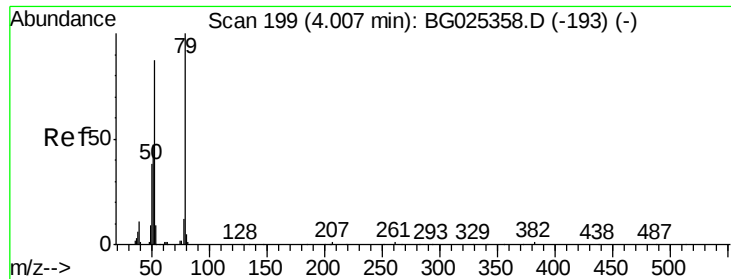
Lab File: BG025462.D

Acq: 10 Jan 2017 21:40

Tgt Ion: 88 Resp: 52232

Ion	Ratio	Lower	Upper
88	100		
58	89.3	79.4	119.2
43	157.3	33.8	50.6#





#3

Pyridine

Concen: 40.30 ng

RT: 4.01 min Scan# 199

Delta R.T. 0.02 min

Lab File: BG025462.D

Acq: 10 Jan 2017 21:40

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-0-2-COMPMSD

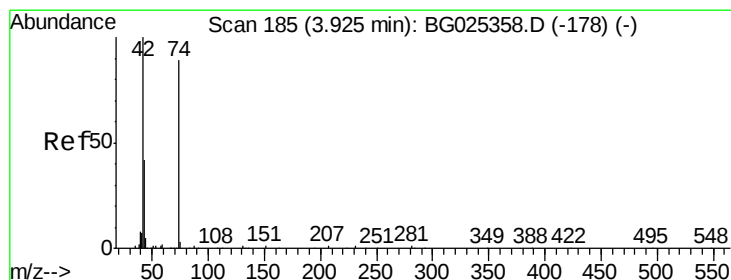
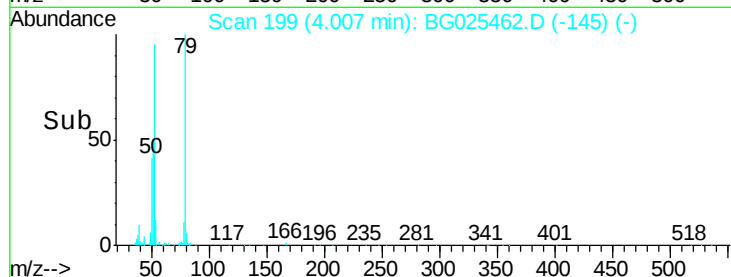
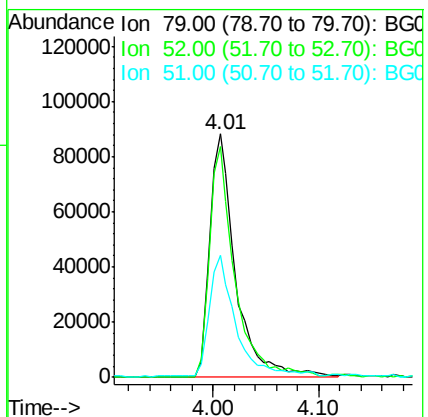
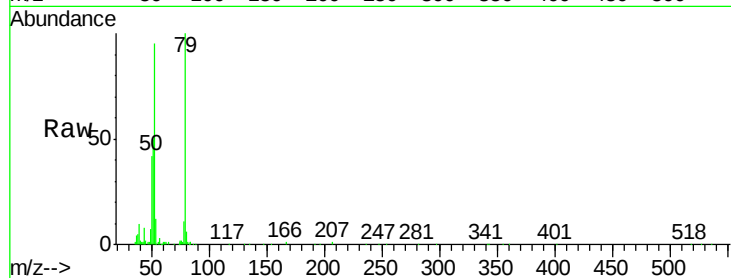
Tgt Ion: 79 Resp: 151514

Ion Ratio Lower Upper

79 100

52 94.9 77.8 116.6

51 49.9 43.2 64.8



#4

n-Nitrosodimethylamine

Concen: 50.63 ng

RT: 3.91 min Scan# 183

Delta R.T. -0.00 min

Lab File: BG025462.D

Acq: 10 Jan 2017 21:40

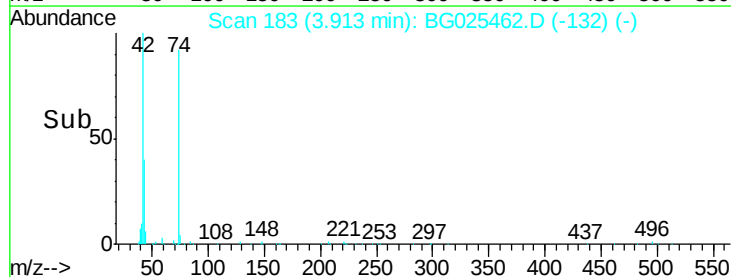
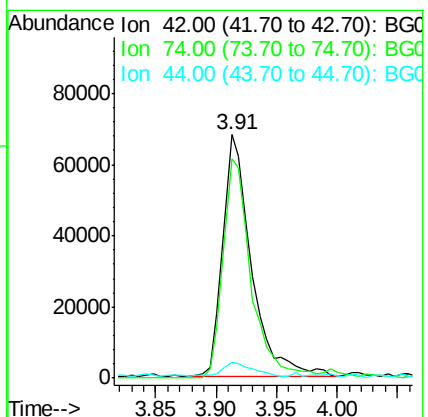
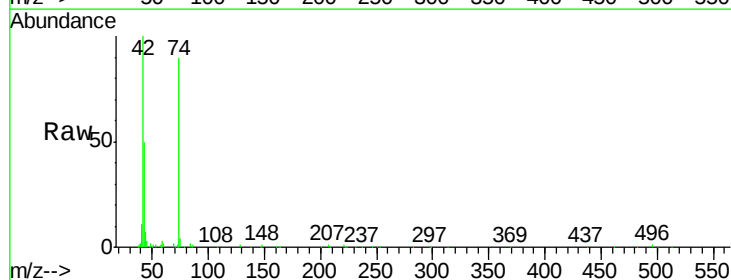
Tgt Ion: 42 Resp: 112996

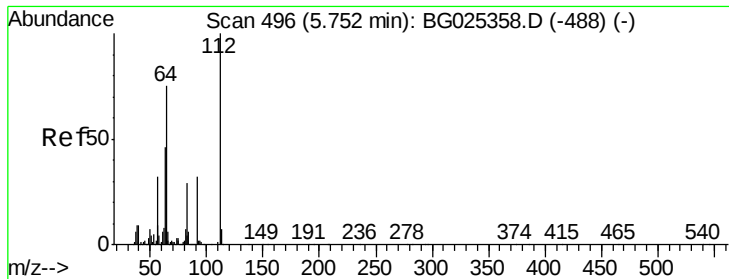
Ion Ratio Lower Upper

42 100

74 90.3 76.7 115.1

44 6.7 6.1 9.1





#5

2-Fluorophenol

Concen: 159.44 ng

RT: 5.74 min Scan# 494

Delta R.T. 0.00 min

Lab File: BG025462.D

Acq: 10 Jan 2017 21:40

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-0-2-COMPMSD

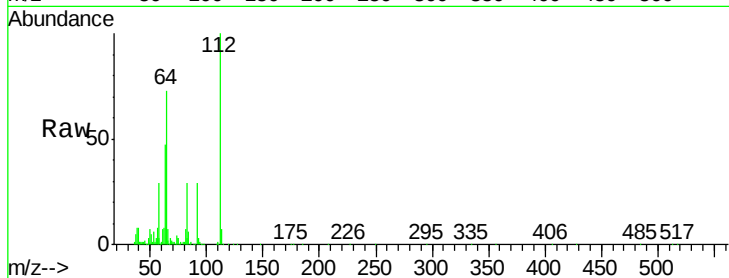
Tgt Ion: 112 Resp: 484642

Ion Ratio Lower Upper

112 100

64 73.4 61.8 92.6

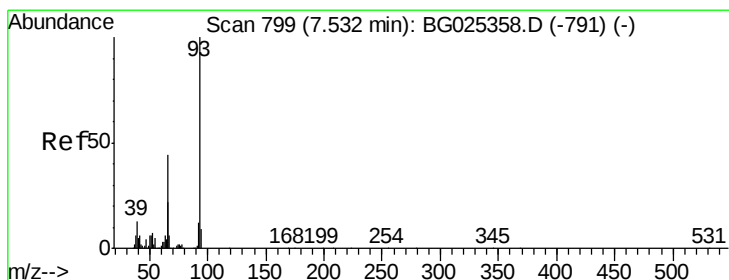
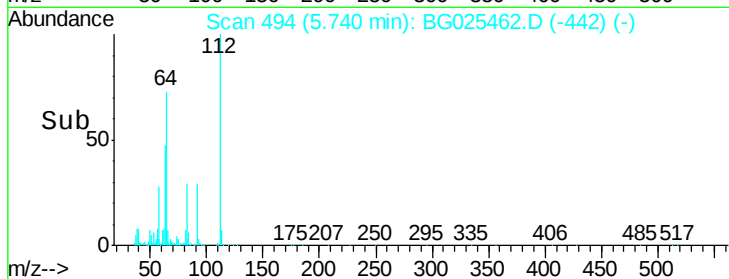
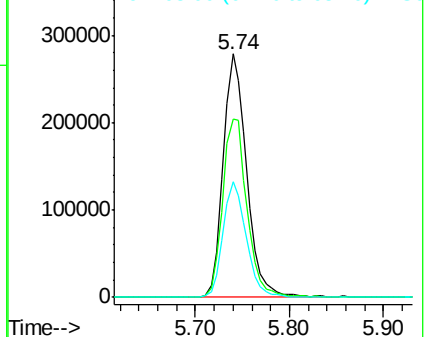
63 47.4 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 36.15 ng

RT: 7.53 min Scan# 798

Delta R.T. 0.00 min

Lab File: BG025462.D

Acq: 10 Jan 2017 21:40

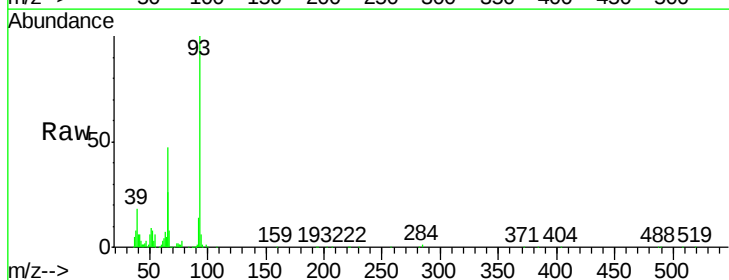
Tgt Ion: 93 Resp: 209679

Ion Ratio Lower Upper

93 100

66 47.4 35.4 53.2

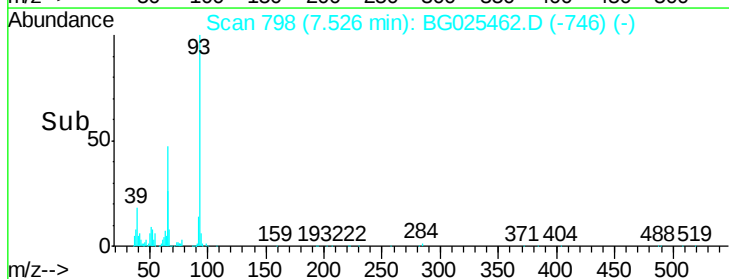
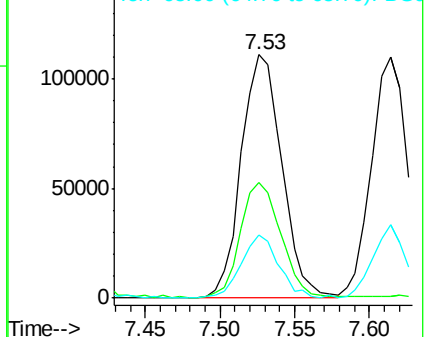
65 26.1 21.2 31.8

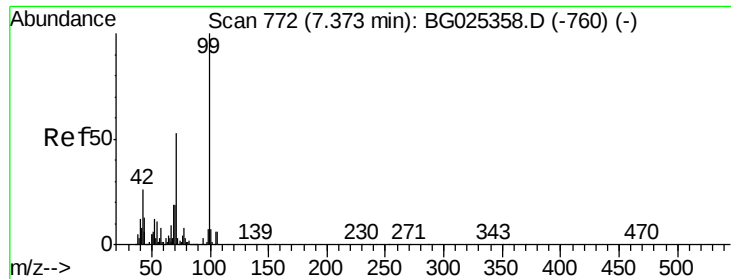


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 154.97 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG025462.D

Acq: 10 Jan 2017 21:40

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-0-2-COMPMSD

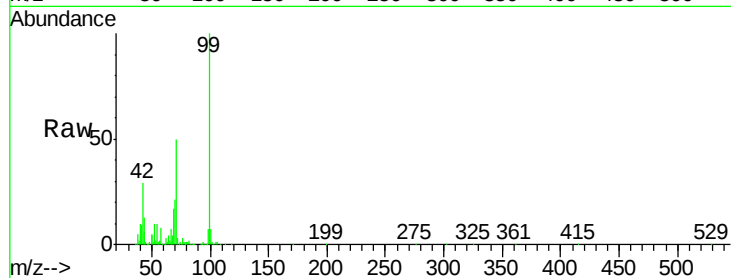
Tgt Ion: 99 Resp: 663440

Ion Ratio Lower Upper

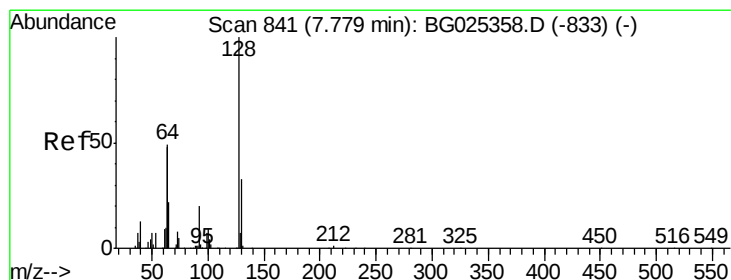
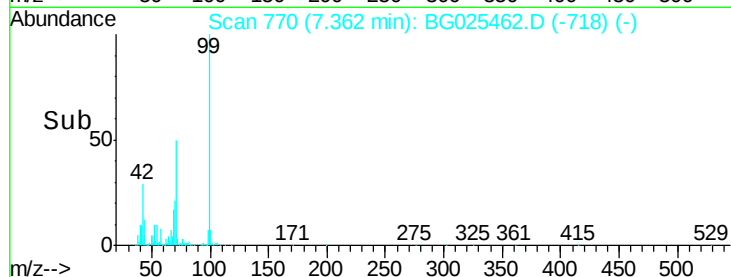
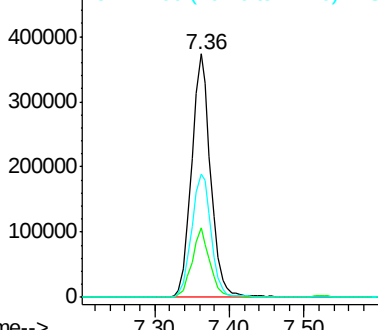
99 100

42 28.8 20.5 30.7

71 50.4 37.6 56.4



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: 51.22 ng

RT: 7.77 min Scan# 839

Delta R.T. 0.00 min

Lab File: BG025462.D

Acq: 10 Jan 2017 21:40

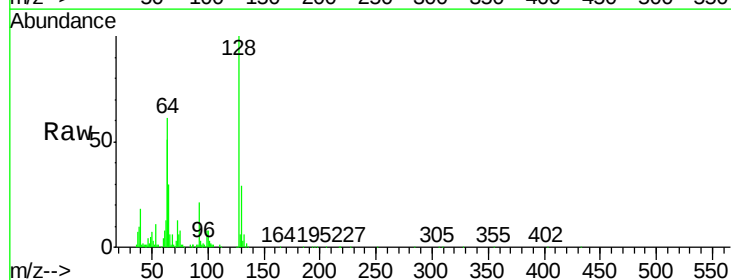
Tgt Ion: 128 Resp: 175627

Ion Ratio Lower Upper

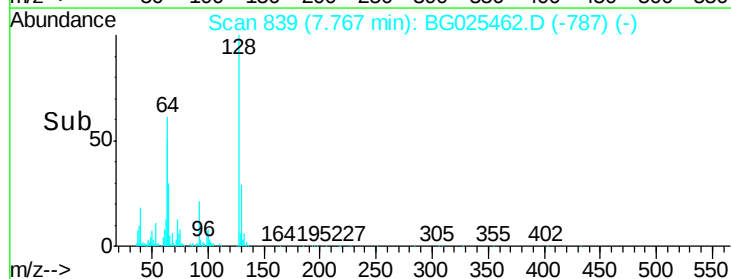
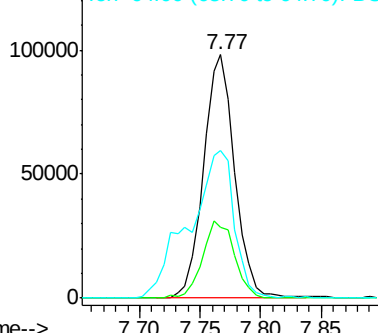
128 100

130 28.9 11.4 51.4

64 60.9 46.6 86.6



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: 5.93 ng

RT: 7.35 min Scan# 768

Delta R.T. 0.01 min

Lab File: BG025462.D

Acq: 10 Jan 2017 21:40

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-0-2-COMPMSD

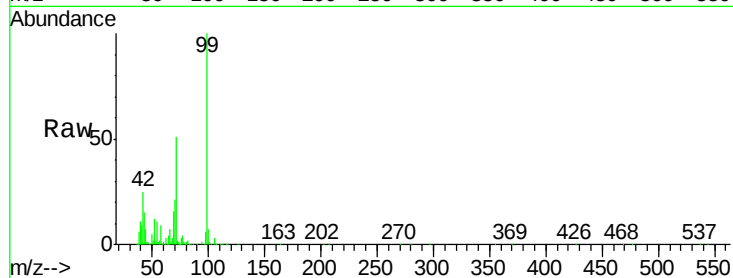
Tgt Ion: 77 Resp: 18565

Ion Ratio Lower Upper

77 100

105 57.6 60.9 100.9#

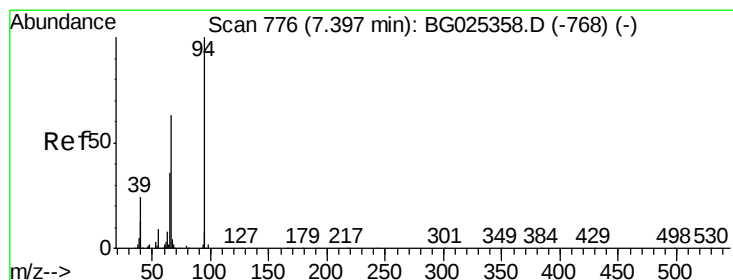
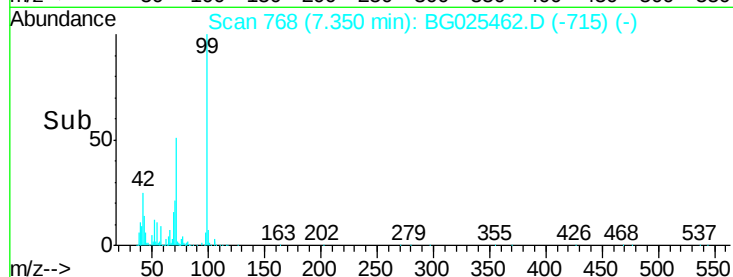
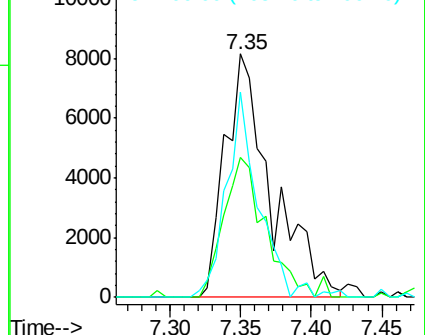
106 84.4 55.1 95.1



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: 48.63 ng

RT: 7.39 min Scan# 775

Delta R.T. 0.00 min

Lab File: BG025462.D

Acq: 10 Jan 2017 21:40

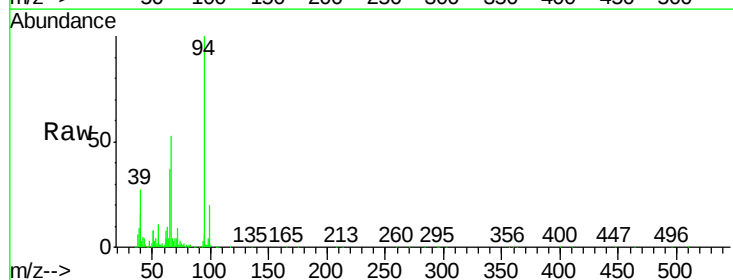
Tgt Ion: 94 Resp: 230785

Ion Ratio Lower Upper

94 100

65 36.6 20.6 60.6

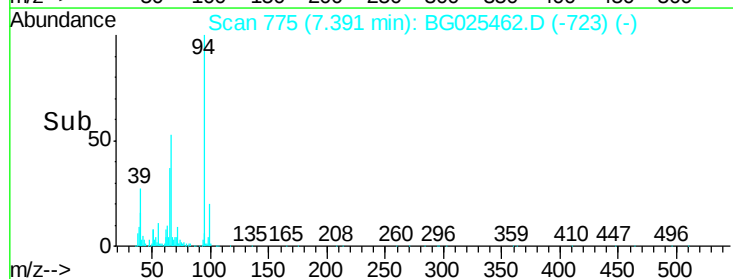
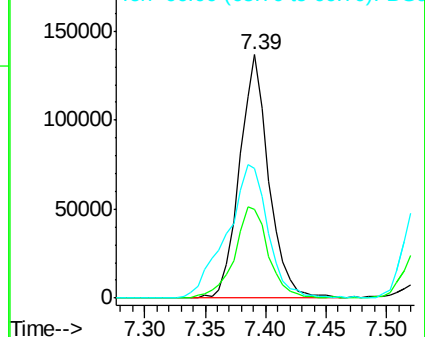
66 53.2 35.5 75.5

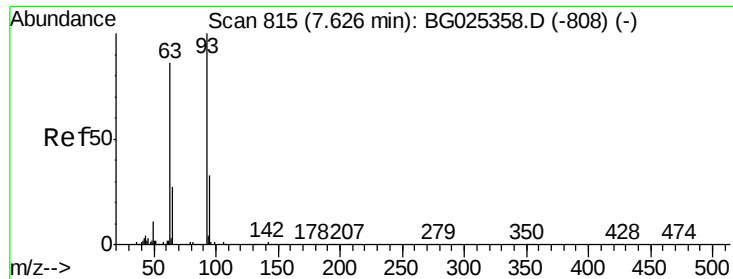


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

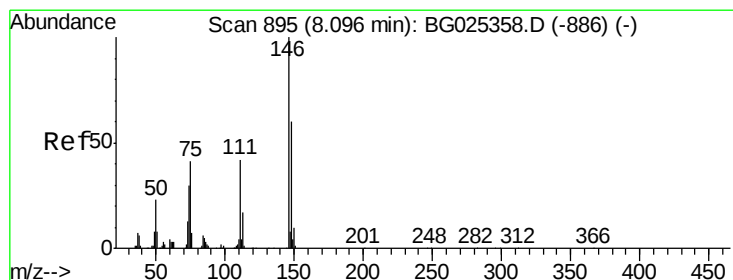
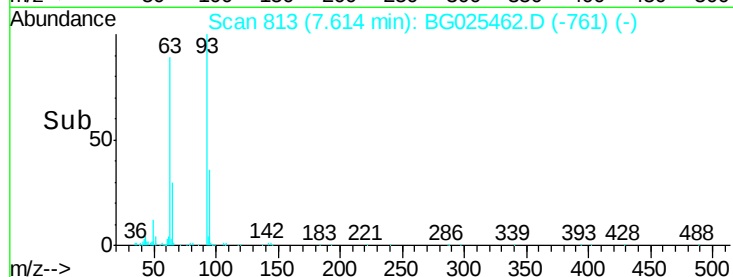
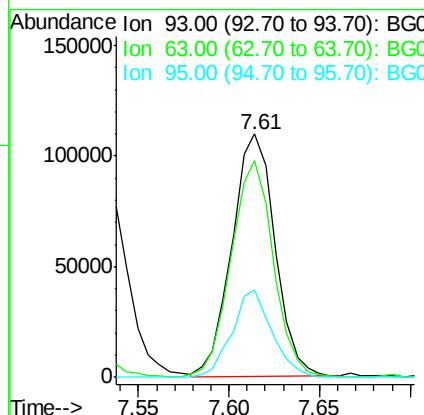
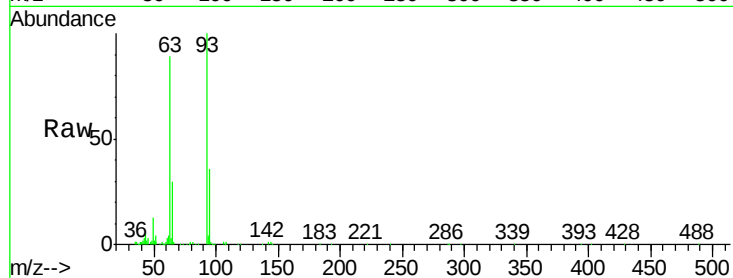




#11
bis(2-Chloroethyl)ether
Concen: 49.35 ng
RT: 7.61 min Scan# 813
Delta R.T. 0.00 min
Lab File: BG025462.D
Acq: 10 Jan 2017 21:40

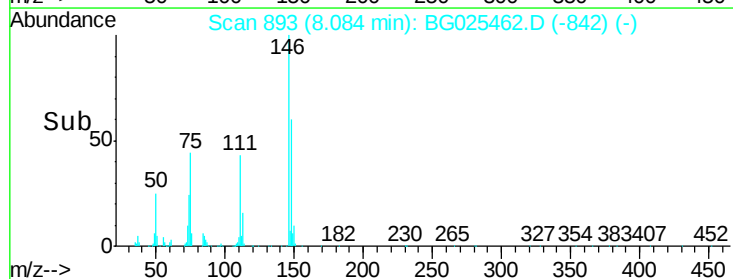
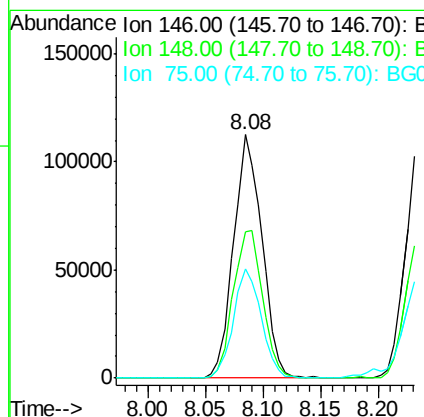
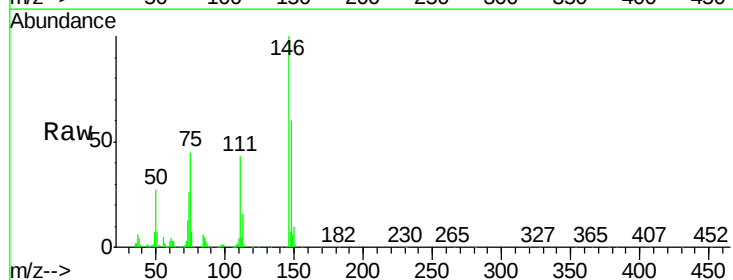
Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-0-2-COMPMSD

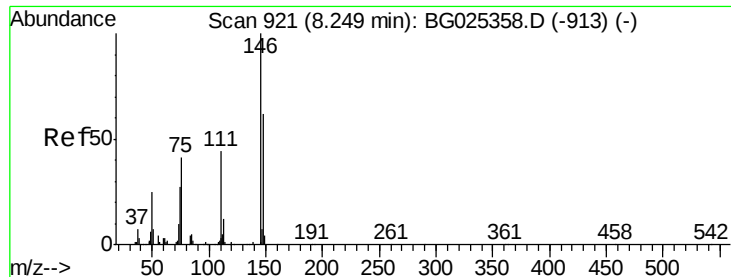
Tgt Ion: 93 Resp: 180468
Ion Ratio Lower Upper
93 100
63 88.8 78.5 118.5
95 35.9 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 46.18 ng
RT: 8.08 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG025462.D
Acq: 10 Jan 2017 21:40

Tgt Ion: 146 Resp: 191605
Ion Ratio Lower Upper
146 100
148 59.9 49.2 73.8
75 44.7 33.4 50.2

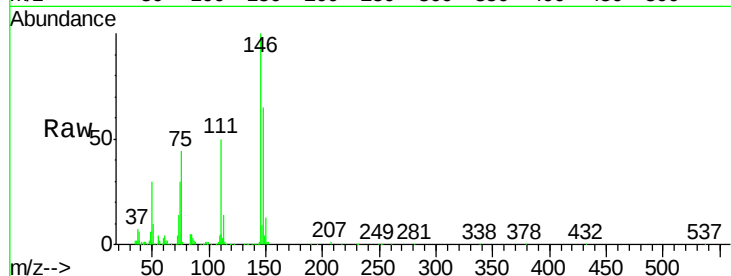




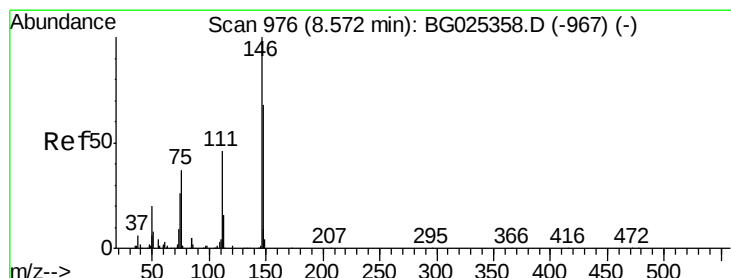
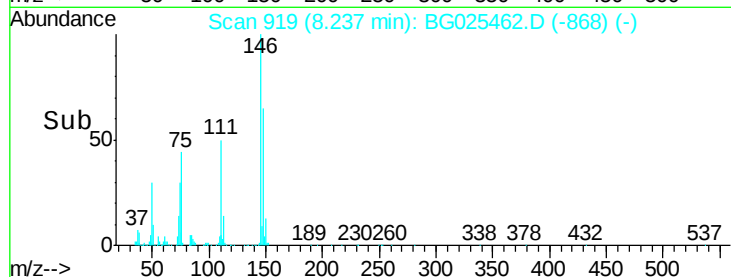
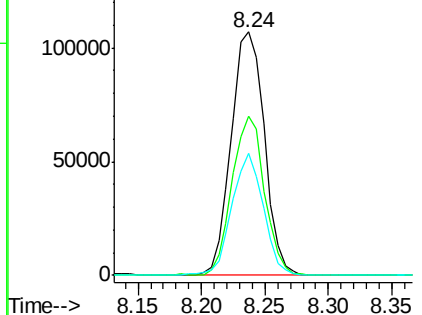
#13
 1,4-Dichlorobenzene
 Concen: 45.21 ng
 RT: 8.24 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: BG025462.D
 Acq: 10 Jan 2017 21:40

Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-0-2-COMPMSD

Tgt Ion:146 Resp: 194420
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.2 78.2
 111 49.9 37.0 55.6

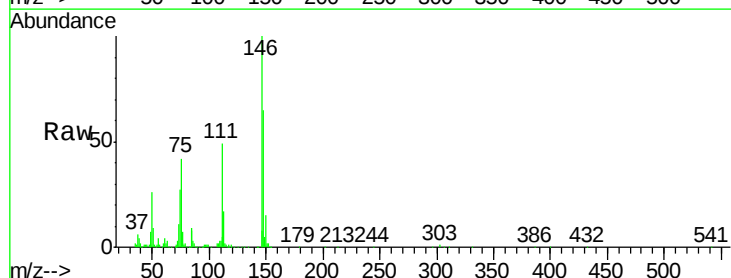


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

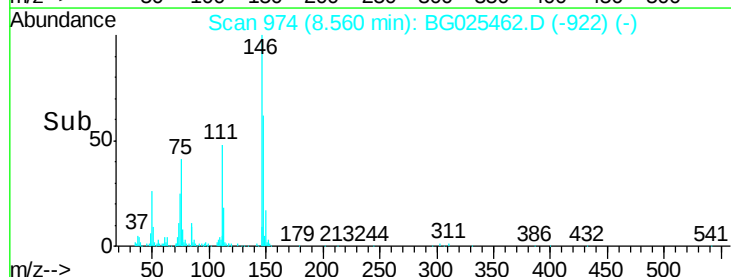
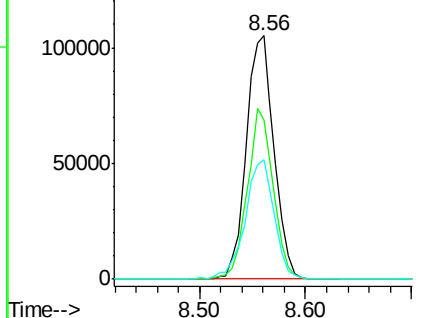


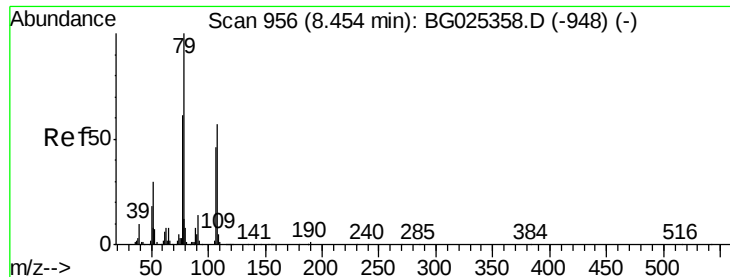
#14
 1,2-Dichlorobenzene
 Concen: 46.62 ng
 RT: 8.56 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BG025462.D
 Acq: 10 Jan 2017 21:40

Tgt Ion:146 Resp: 191326
 Ion Ratio Lower Upper
 146 100
 148 65.4 54.6 81.8
 111 48.9 39.7 59.5



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





#15

Benzyl Alcohol

Concen: 54.52 ng

RT: 8.45 min Scan# 955

Delta R.T. 0.00 min

Lab File: BG025462.D

Acq: 10 Jan 2017 21:40

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-0-2-COMPMSD

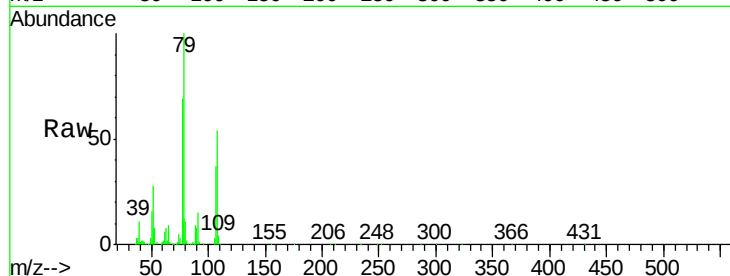
Tgt Ion: 79 Resp: 222826

Ion Ratio Lower Upper

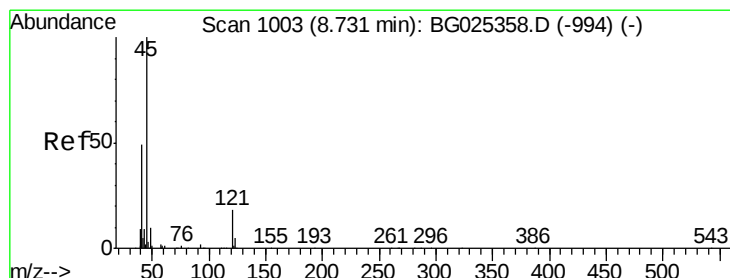
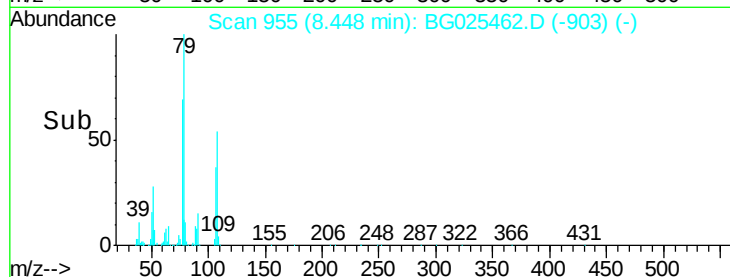
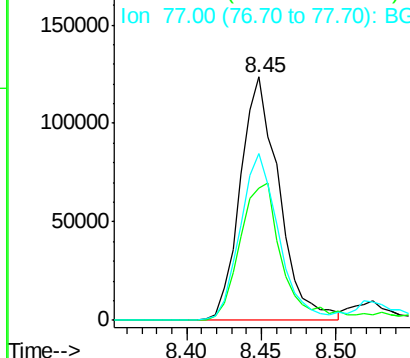
79 100

108 54.3 45.5 68.3

77 68.8 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: 48.27 ng

RT: 8.72 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BG025462.D

Acq: 10 Jan 2017 21:40

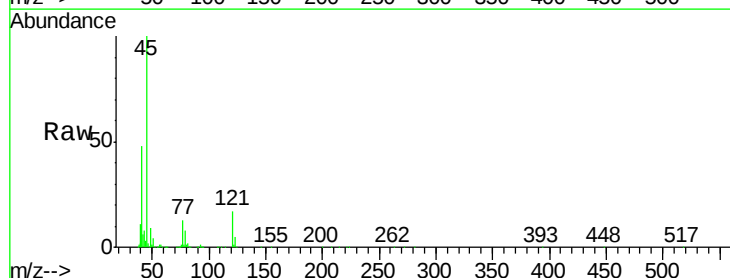
Tgt Ion: 45 Resp: 326891

Ion Ratio Lower Upper

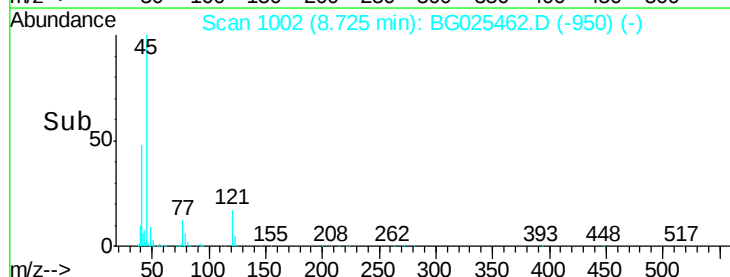
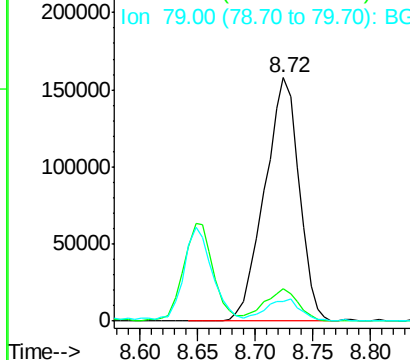
45 100

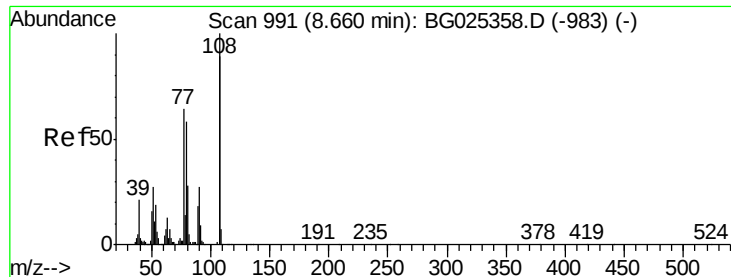
77 13.5 0.0 30.6

79 7.9 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

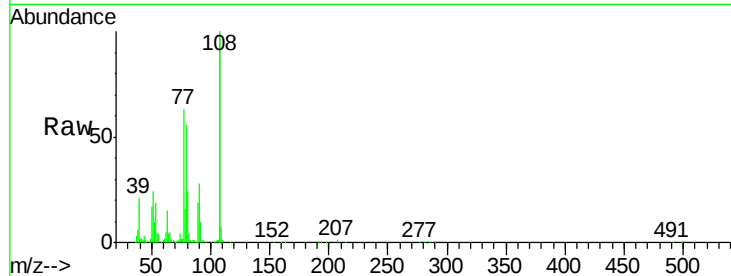




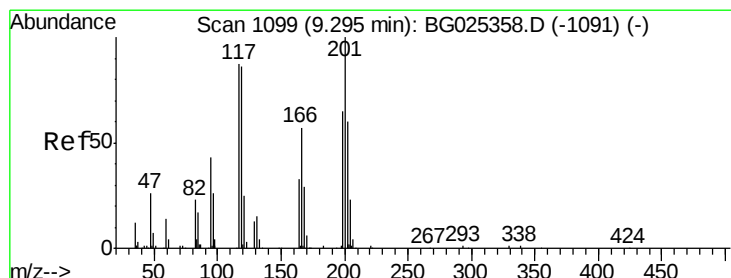
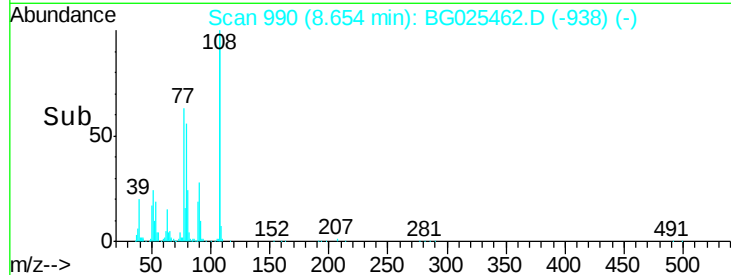
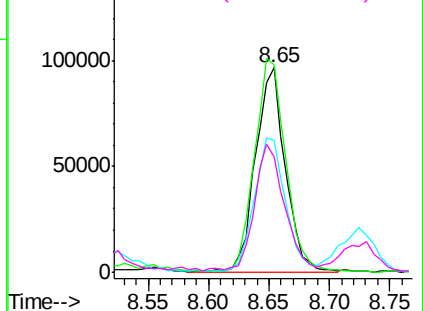
#17
2-Methylphenol
Concen: 52.96 ng
RT: 8.65 min Scan# 990
Delta R.T. 0.00 min
Lab File: BG025462.D
Acq: 10 Jan 2017 21:40

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-0-2-COMPMSD

Tgt Ion:	107	Resp:	165059
Ion	Ratio	Lower	Upper
107	100		
108	101.6	85.6	128.4
77	64.3	51.4	77.2
79	56.4	49.2	73.8

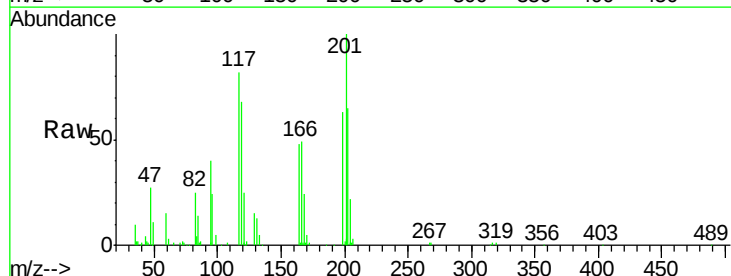


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

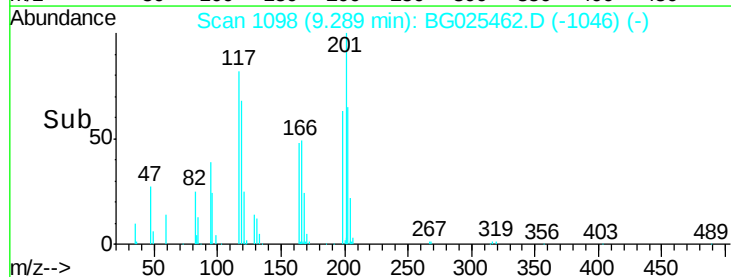
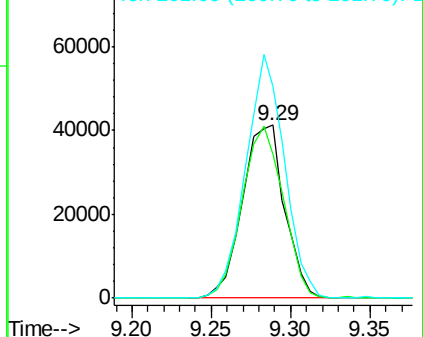


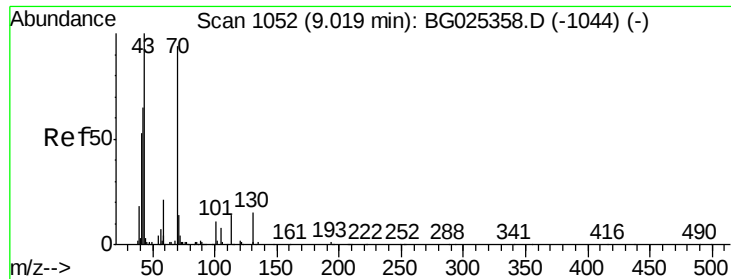
#18
Hexachloroethane
Concen: 46.18 ng
RT: 9.29 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BG025462.D
Acq: 10 Jan 2017 21:40

Tgt Ion:	117	Resp:	76277
Ion	Ratio	Lower	Upper
117	100		
119	82.9	69.8	104.6
201	122.5	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

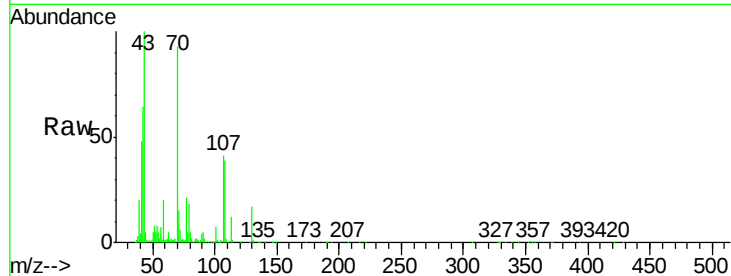




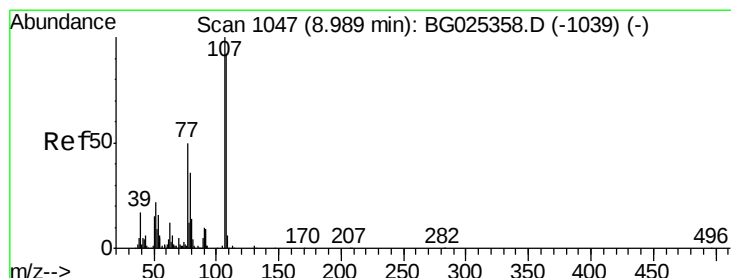
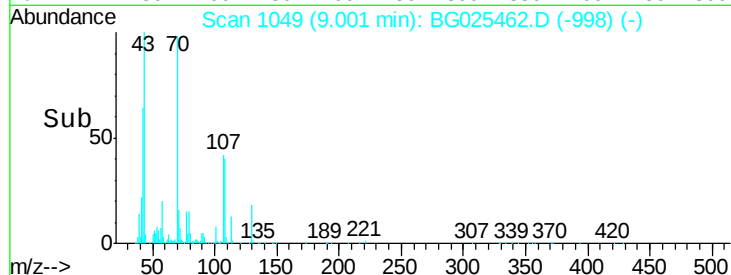
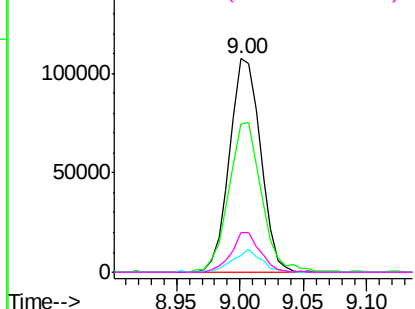
#19
n-Nitroso-di-n-propylamine
Concen: 50.27 ng
RT: 9.00 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG025462.D
Acq: 10 Jan 2017 21:40

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-0-2-COMPMSD

Tgt Ion:	70	Resp:	181772
Ion	Ratio	Lower	Upper
70	100		
42	69.3	56.1	84.1
101	8.0	7.5	11.3
130	18.7	14.6	21.8

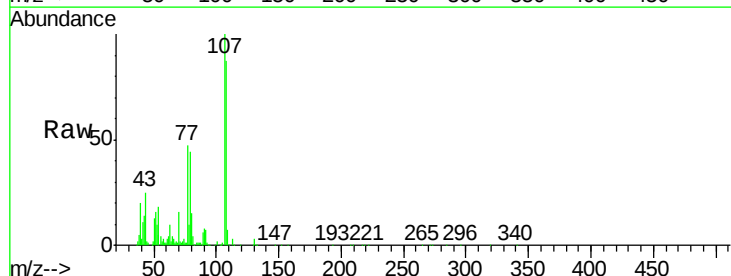


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

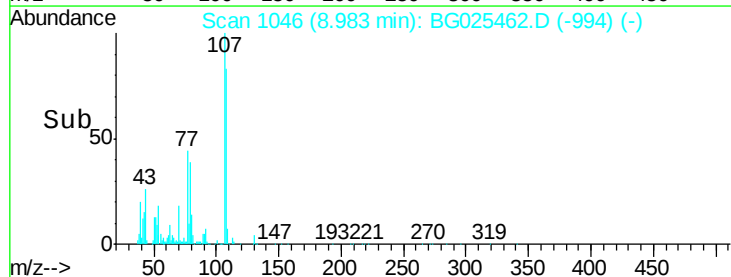
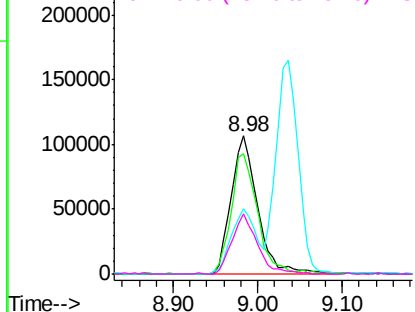


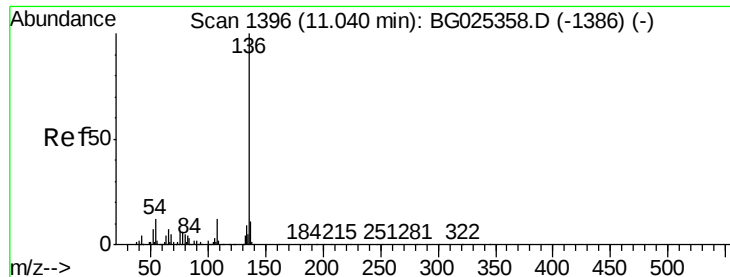
#20
3+4-Methylphenols
Concen: 53.01 ng
RT: 8.98 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BG025462.D
Acq: 10 Jan 2017 21:40

Tgt Ion:	107	Resp:	228640
Ion	Ratio	Lower	Upper
107	100		
108	86.7	70.8	110.8
77	47.1	25.8	65.8
79	43.5	20.1	60.1



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

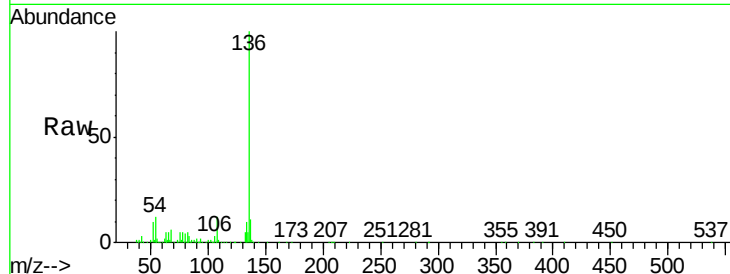




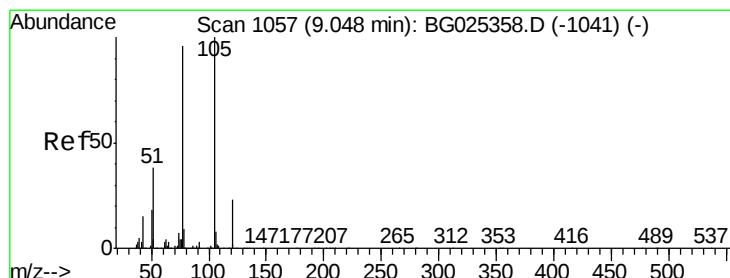
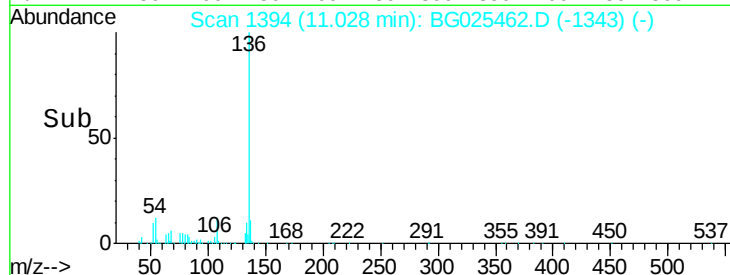
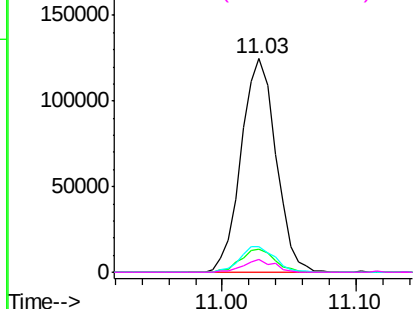
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG025462.D
Acq: 10 Jan 2017 21:40

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-0-2-COMPMSD

Tgt Ion:	136	Resp:	224541
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	11.7	9.3	13.9
68	6.2	5.1	7.7

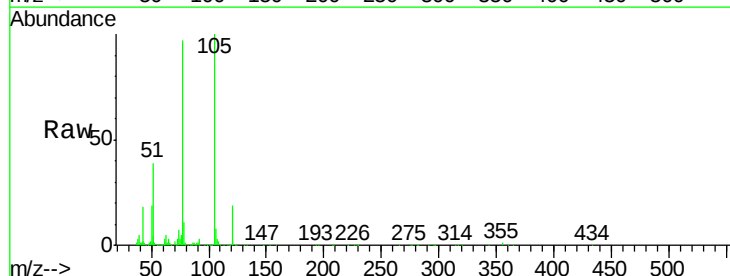


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

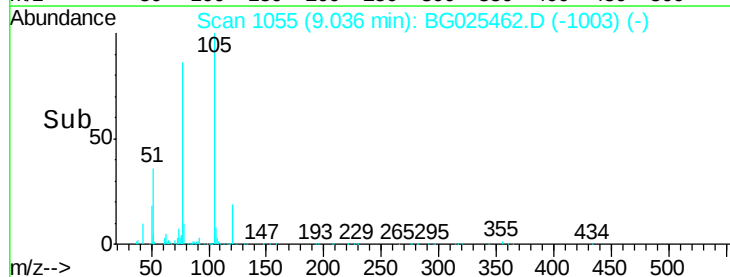
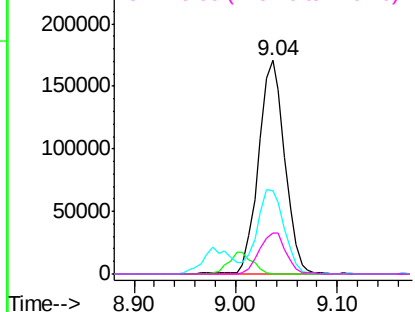


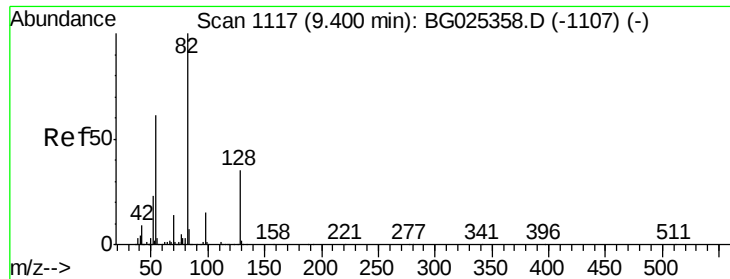
#22
Acetophenone
Concen: 49.17 ng
RT: 9.04 min Scan# 1055
Delta R.T. 0.00 min
Lab File: BG025462.D
Acq: 10 Jan 2017 21:40

Tgt Ion:	105	Resp:	306776
Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.9	1.3#
51	39.1	34.0	51.0
120	19.3	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

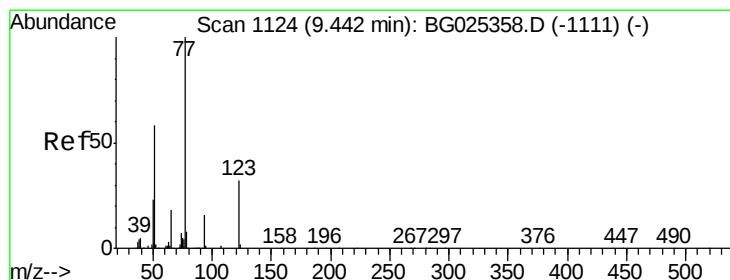
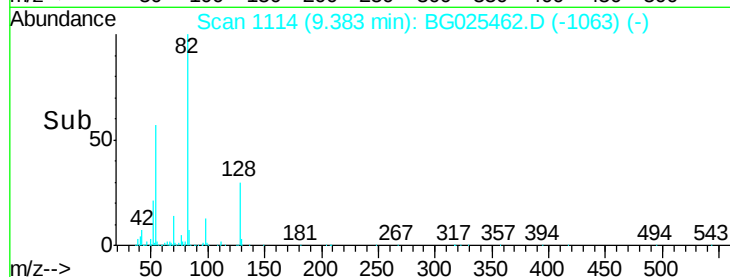
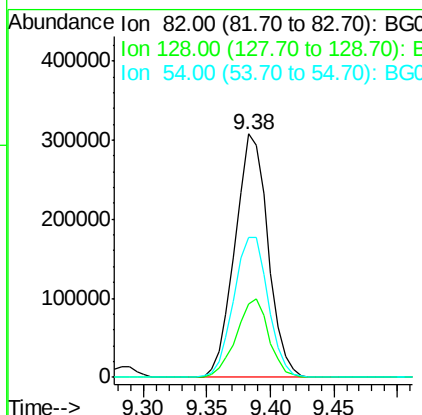
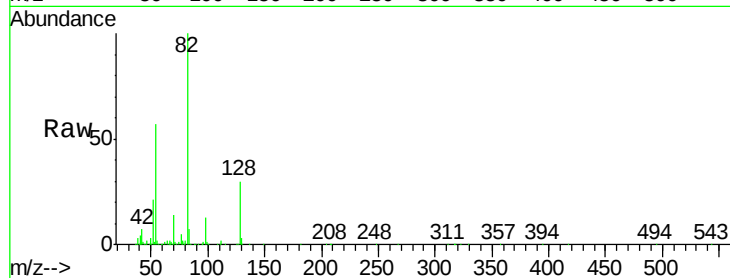




#23
 Nitrobenzene-d5
 Concen: 109.59 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BG025462.D
 Acq: 10 Jan 2017 21:40

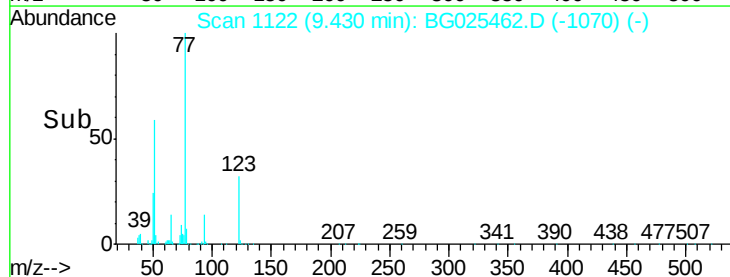
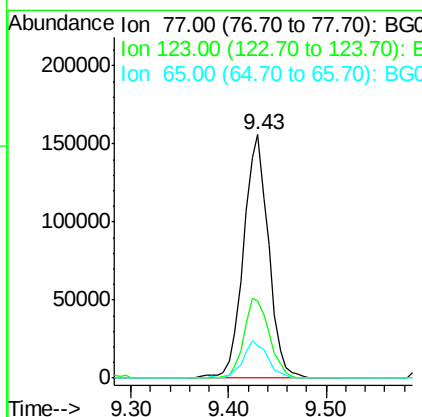
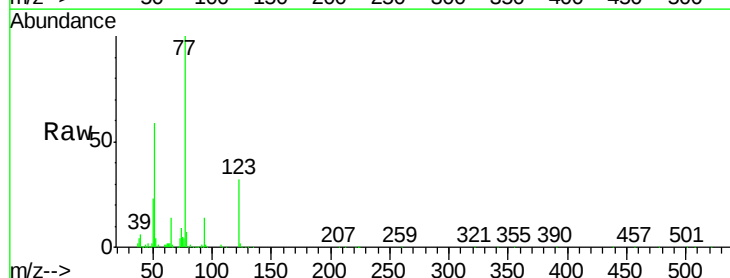
Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-0-2-COMPMSD

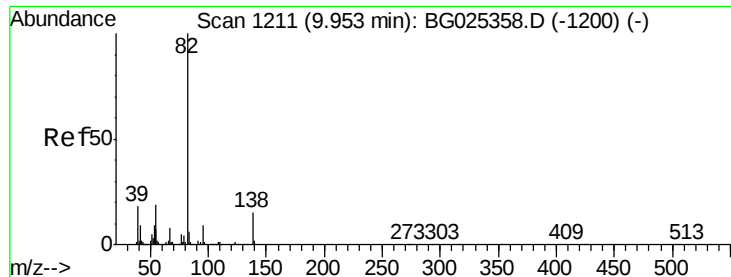
Tgt Ion	Ratio	Lower	Upper
82	100		
128	30.4	26.4	39.6
54	57.4	49.4	74.2



#24
 Nitrobenzene
 Concen: 50.01 ng
 RT: 9.43 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BG025462.D
 Acq: 10 Jan 2017 21:40

Tgt Ion	Ratio	Lower	Upper
77	100		
123	31.7	26.1	39.1
65	13.6	12.4	18.6





#25

Isophorone

Concen: 55.41 ng

RT: 9.94 min Scan# 1209

Delta R.T. 0.00 min

Lab File: BG025462.D

Acq: 10 Jan 2017 21:40

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-0-2-COMPMSD

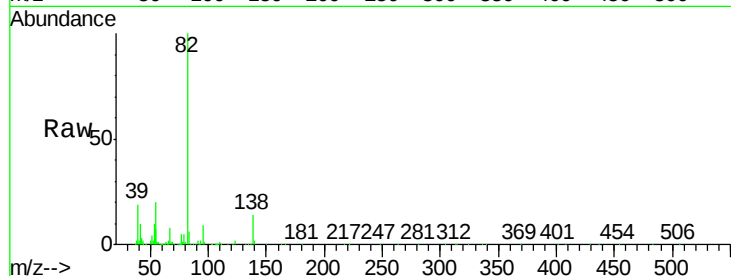
Tgt Ion: 82 Resp: 509911

Ion Ratio Lower Upper

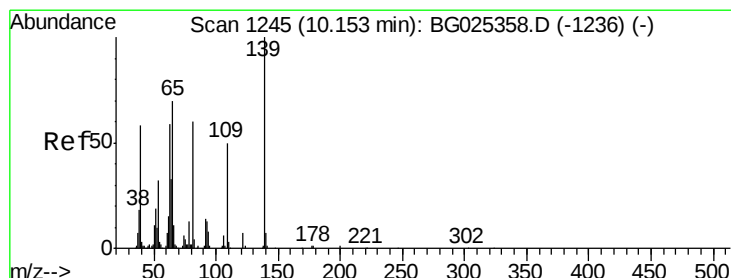
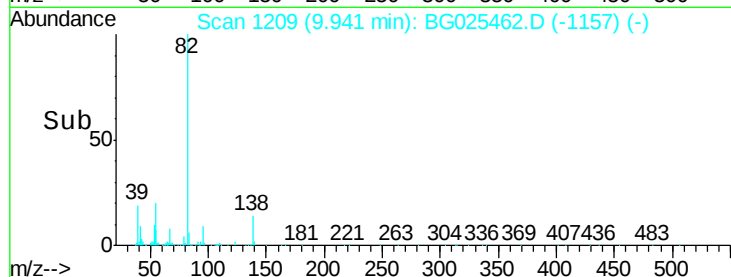
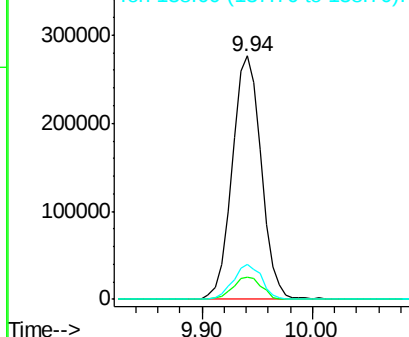
82 100

95 9.1 7.5 11.3

138 14.5 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: 49.77 ng

RT: 10.15 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BG025462.D

Acq: 10 Jan 2017 21:40

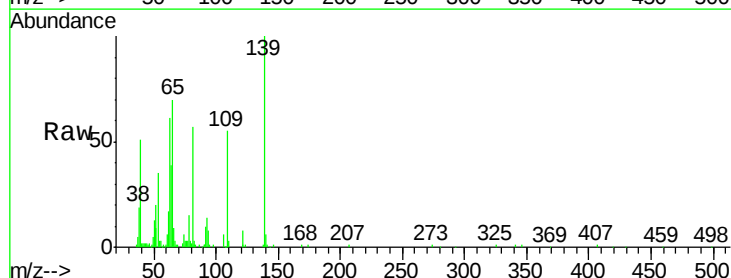
Tgt Ion: 139 Resp: 106121

Ion Ratio Lower Upper

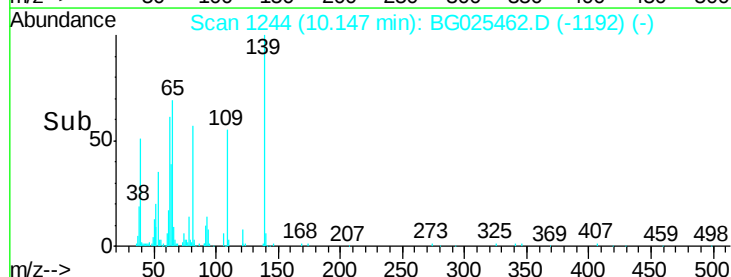
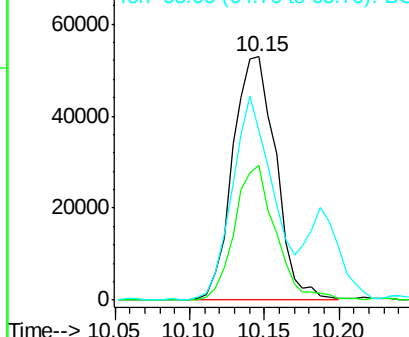
139 100

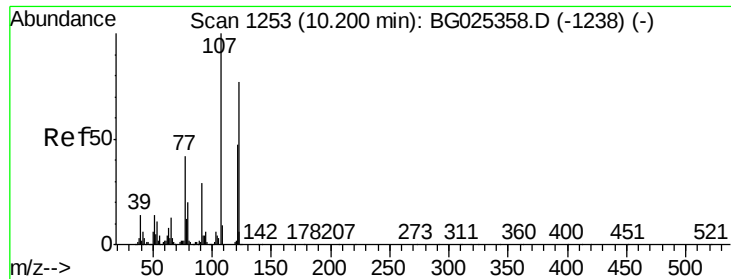
109 55.3 38.6 58.0

65 69.5 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

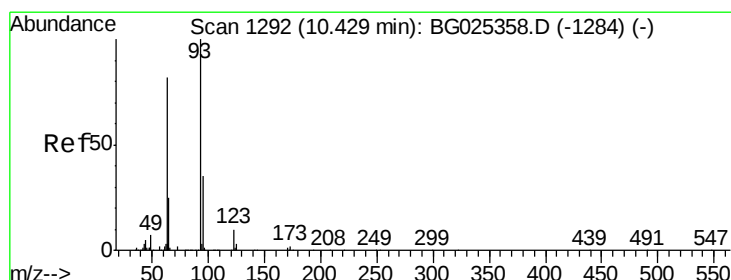
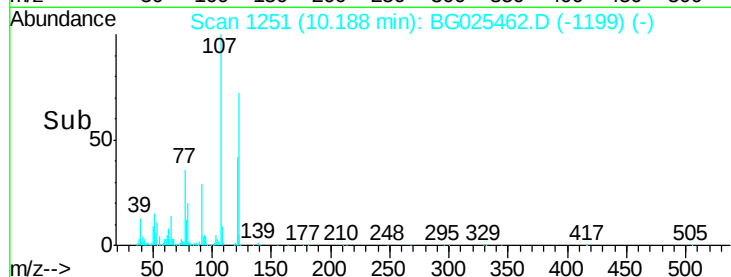
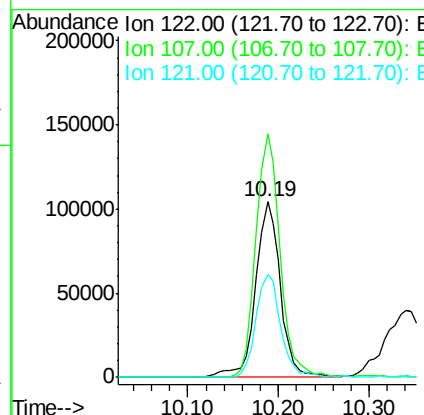
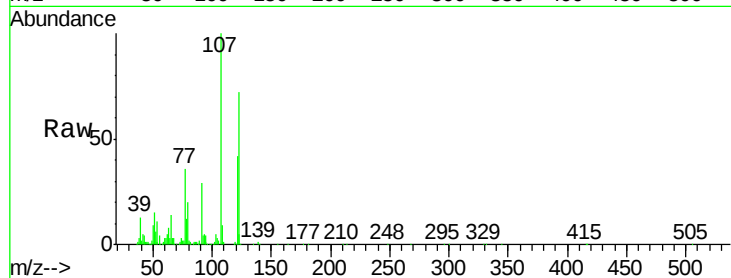




#27
 2,4-Dimethylphenol
 Concen: 56.25 ng
 RT: 10.19 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BG025462.D
 Acq: 10 Jan 2017 21:40

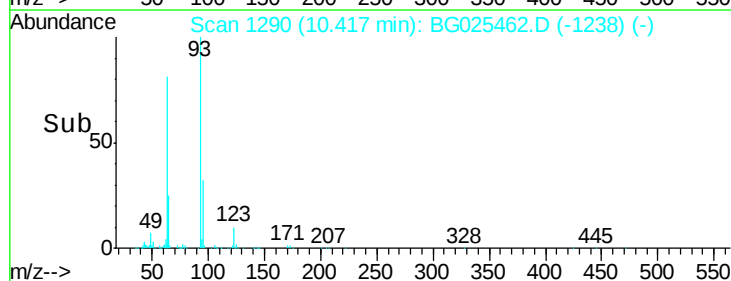
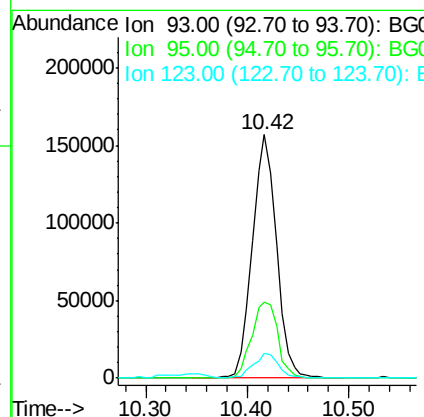
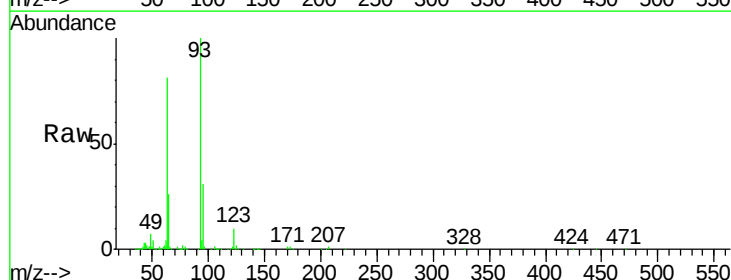
Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-0-2-COMPMSD

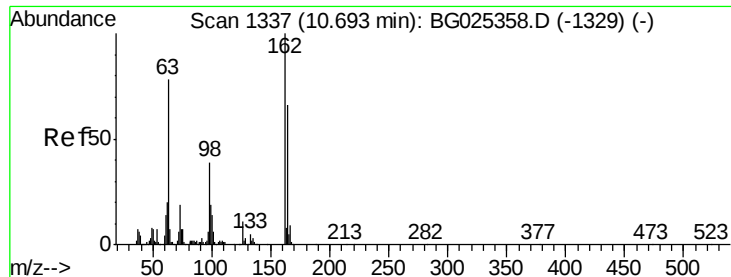
Tgt Ion	Ratio	Lower	Upper
122	100		
107	139.0	104.2	156.4
121	58.4	46.0	69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 54.38 ng
 RT: 10.42 min Scan# 1290
 Delta R.T. 0.00 min
 Lab File: BG025462.D
 Acq: 10 Jan 2017 21:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	25.7	38.5
123	10.3	8.3	12.5

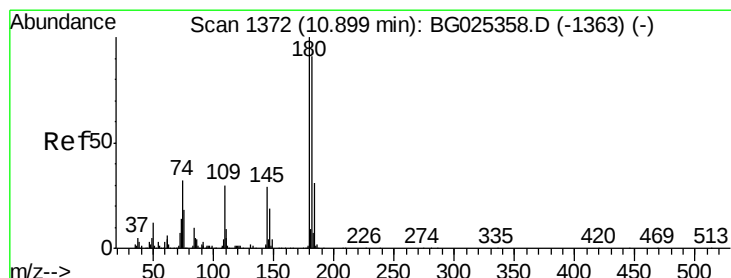
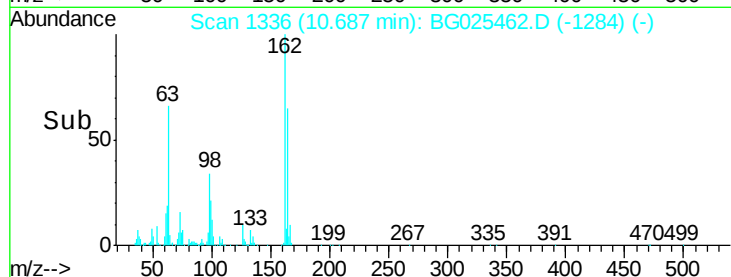
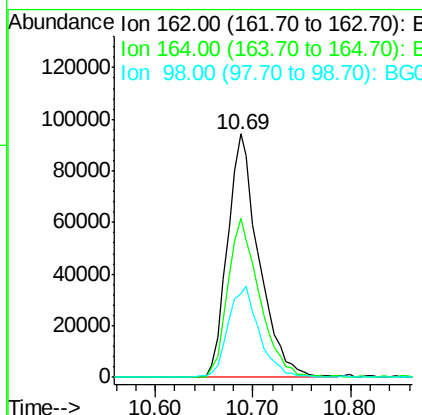
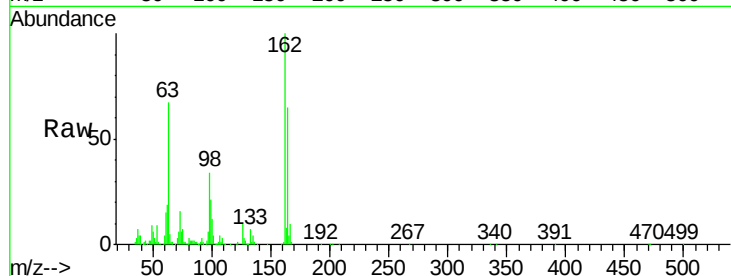




#29
 2,4-Dichlorophenol
 Concen: 56.03 ng
 RT: 10.69 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: BG025462.D
 Acq: 10 Jan 2017 21:40

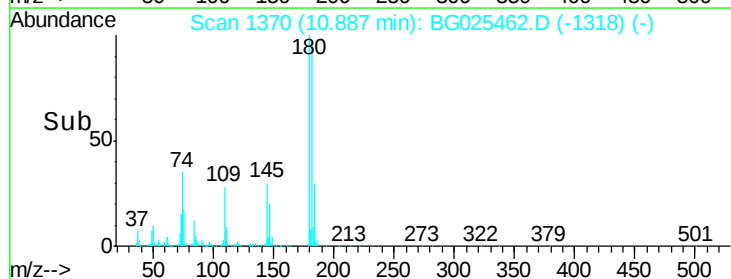
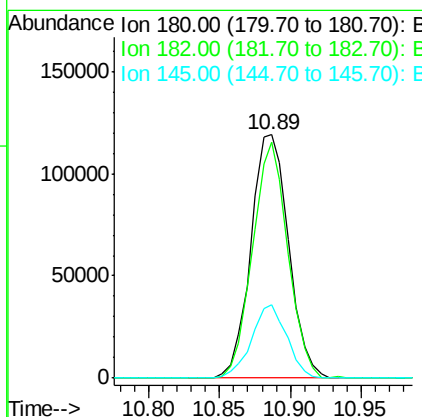
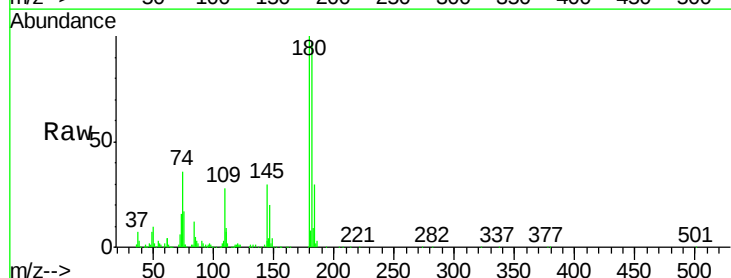
Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-0-2-COMPMSD

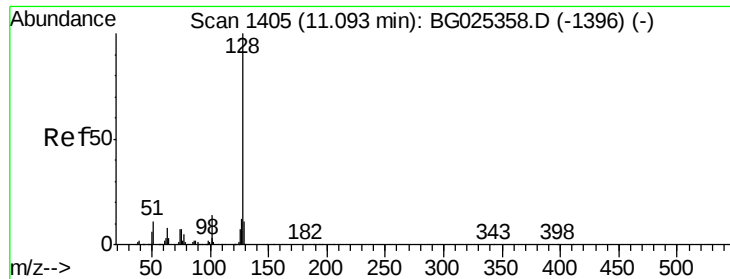
Tgt Ion:162 Resp: 210183
 Ion Ratio Lower Upper
 162 100
 164 65.1 42.4 82.4
 98 34.3 20.3 60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 49.26 ng
 RT: 10.89 min Scan# 1370
 Delta R.T. 0.00 min
 Lab File: BG025462.D
 Acq: 10 Jan 2017 21:40

Tgt Ion:180 Resp: 223225
 Ion Ratio Lower Upper
 180 100
 182 97.0 77.0 115.4
 145 30.2 23.4 35.0

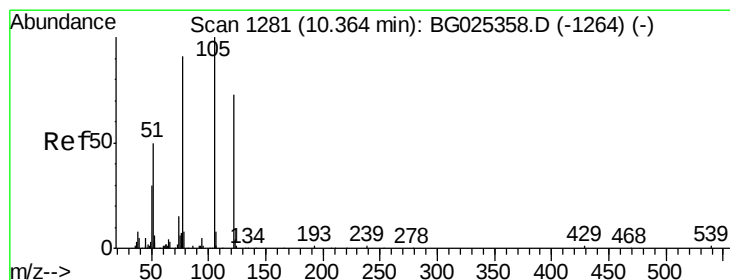
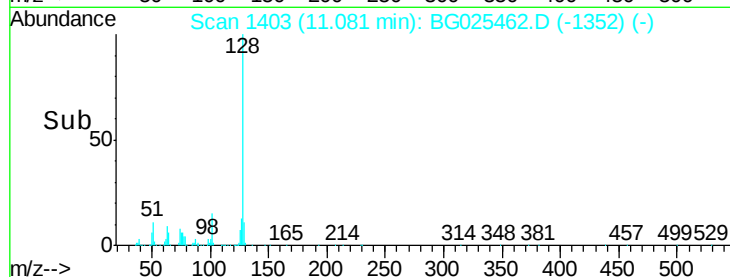
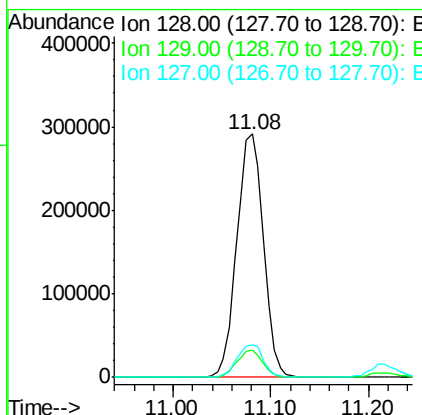
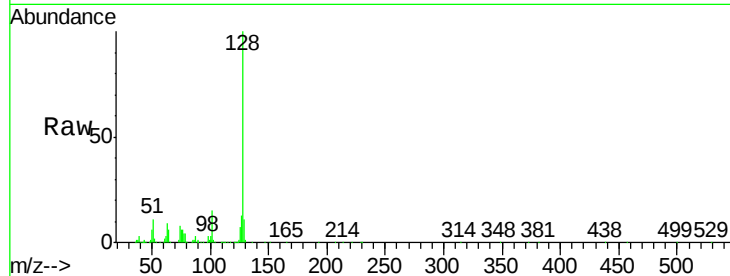




#31
Naphthalene
Concen: 49.21 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BG025462.D
Acq: 10 Jan 2017 21:40

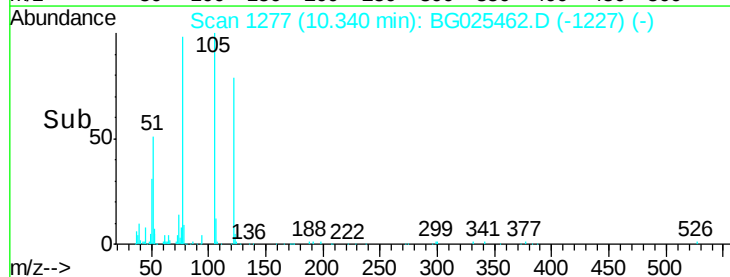
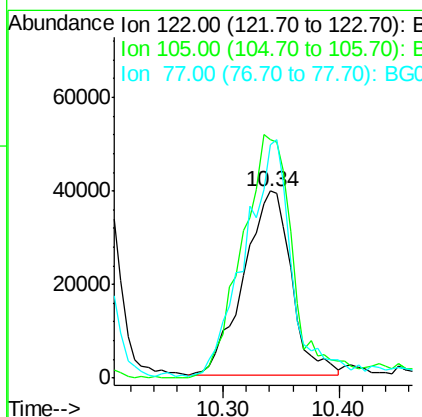
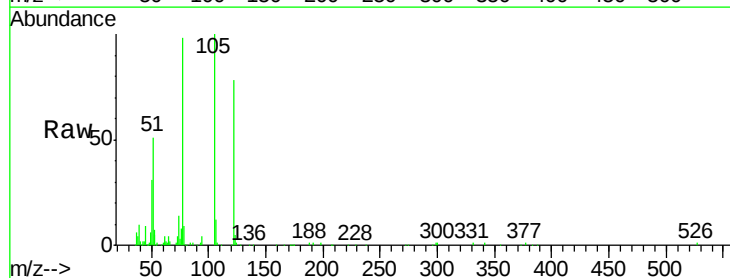
Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-0-2-COMPMSD

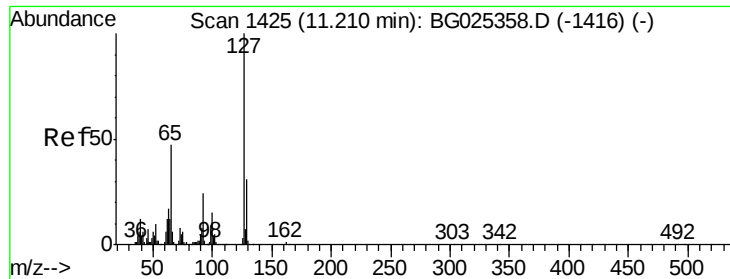
Tgt Ion:128 Resp: 551751
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.2 11.4 17.0



#32
Benzoic acid
Concen: 40.11 ng
RT: 10.34 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BG025462.D
Acq: 10 Jan 2017 21:40

Tgt Ion:122 Resp: 113064
Ion Ratio Lower Upper
122 100
105 127.6 120.1 160.1
77 125.1 104.6 144.6

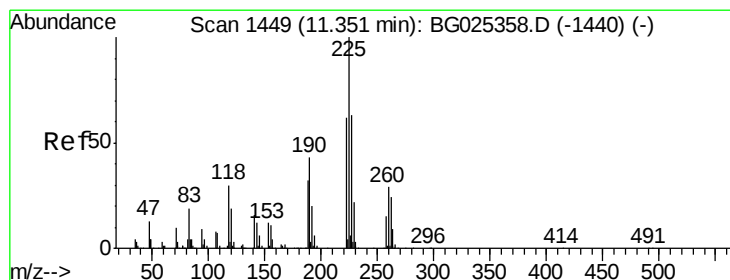
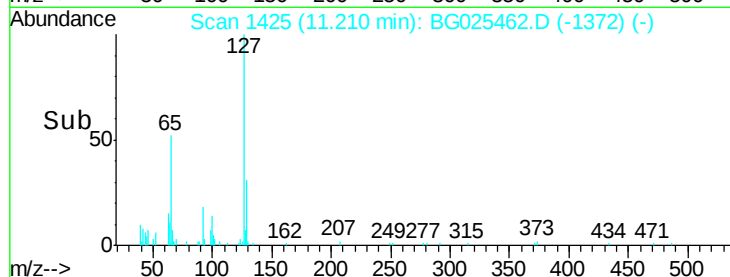
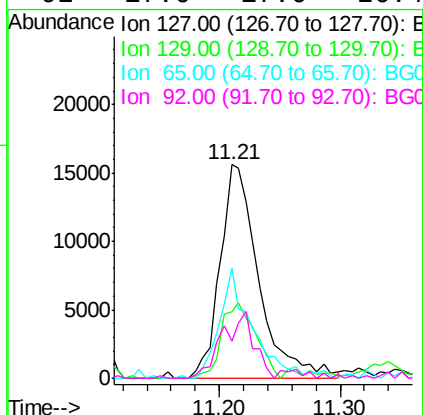
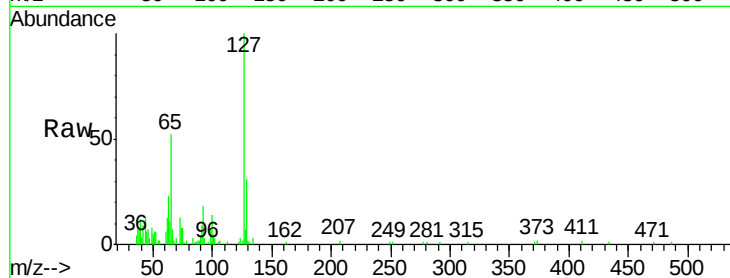




#33
4-Chloroaniline
Concen: 7.33 ng
RT: 11.21 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BG025462.D
Acq: 10 Jan 2017 21:40

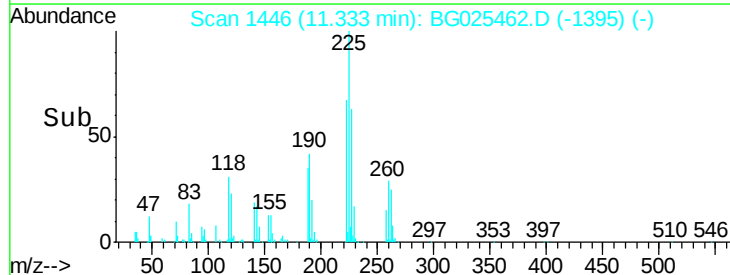
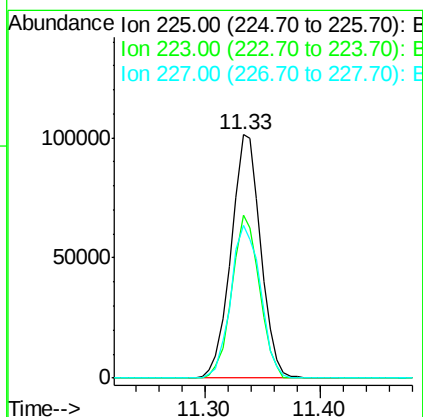
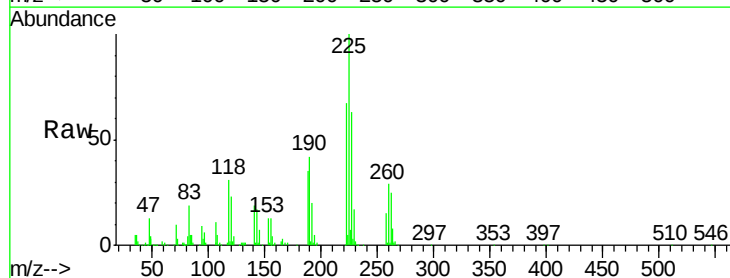
Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-0-2-COMPMSD

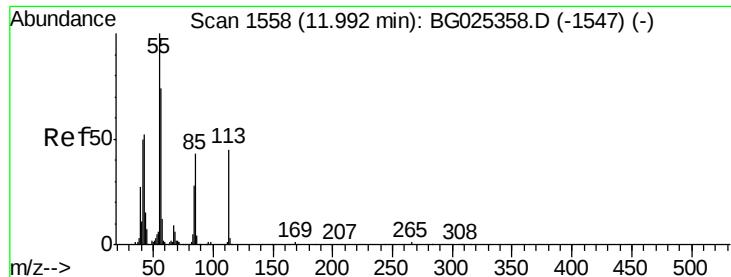
Tgt Ion:127 Resp: 34588
Ion Ratio Lower Upper
127 100
129 31.3 23.6 35.4
65 51.6 37.7 56.5
92 17.6 17.6 26.4#



#34
Hexachlorobutadiene
Concen: 48.36 ng
RT: 11.33 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BG025462.D
Acq: 10 Jan 2017 21:40

Tgt Ion:225 Resp: 178877
Ion Ratio Lower Upper
225 100
223 66.9 50.7 76.1
227 62.6 49.0 73.6





#35

Caprolactam

Concen: 19.80 ng

RT: 11.99 min Scan# 1557

Delta R.T. 0.01 min

Lab File: BG025462.D

Acq: 10 Jan 2017 21:40

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-0-2-COMPMSD

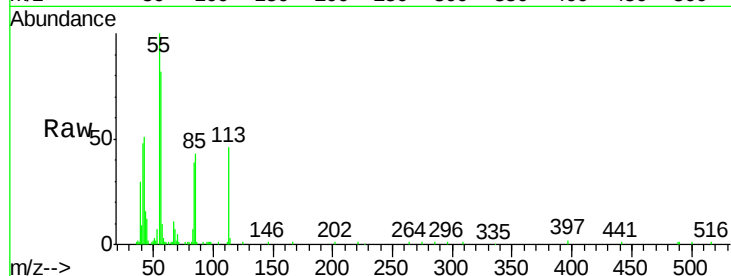
Tgt Ion:113 Resp: 27907

Ion Ratio Lower Upper

113 100

55 215.1 198.6 238.6

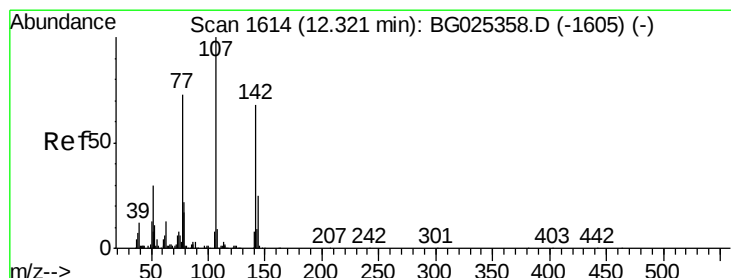
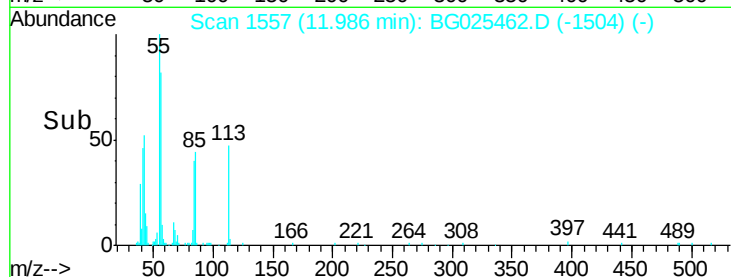
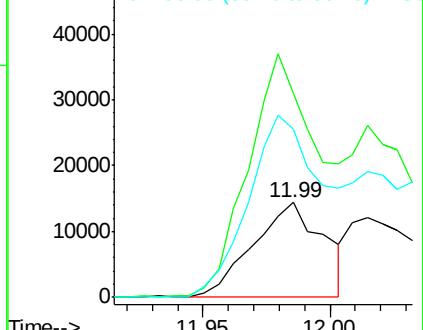
56 176.4 140.4 180.4



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: 55.54 ng

RT: 12.31 min Scan# 1612

Delta R.T. -0.00 min

Lab File: BG025462.D

Acq: 10 Jan 2017 21:40

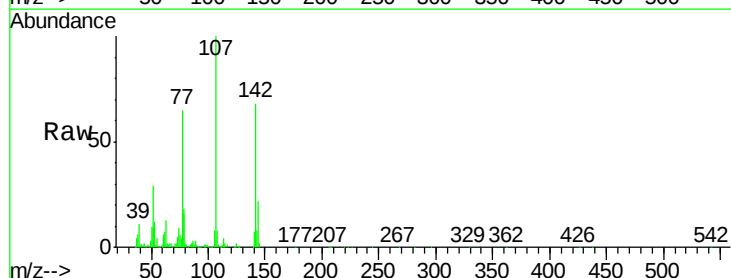
Tgt Ion:107 Resp: 257176

Ion Ratio Lower Upper

107 100

144 22.0 17.4 26.0

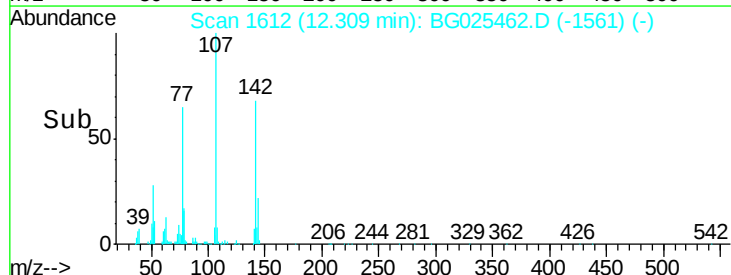
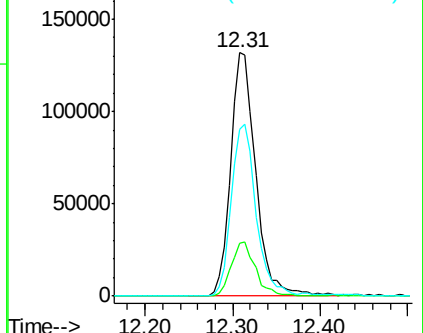
142 68.4 54.1 81.1

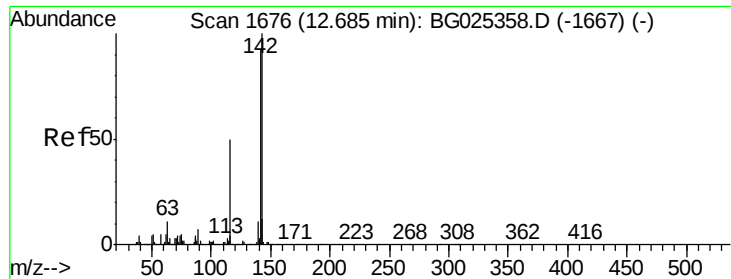


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

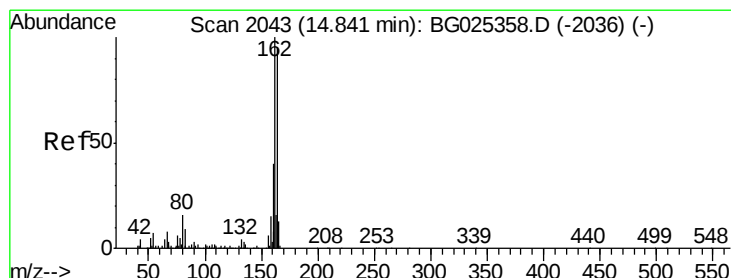
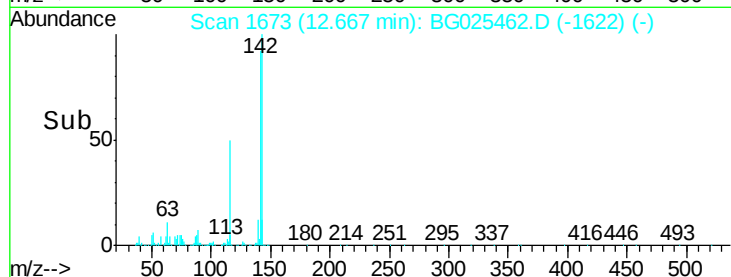
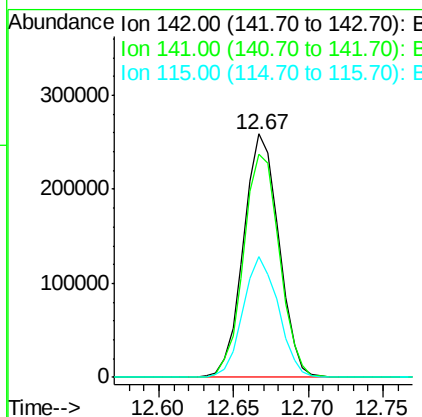
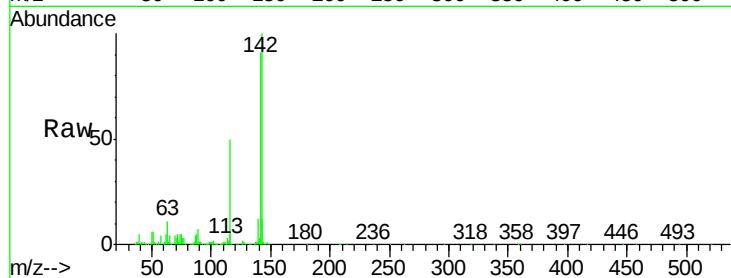




#37
2-Methylnaphthalene
Concen: 51.23 ng
RT: 12.67 min Scan# 1673
Delta R.T. -0.00 min
Lab File: BG025462.D
Acq: 10 Jan 2017 21:40

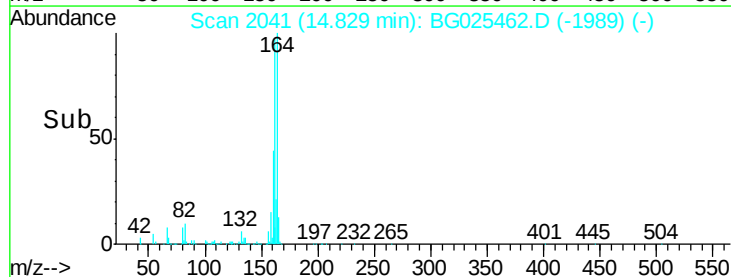
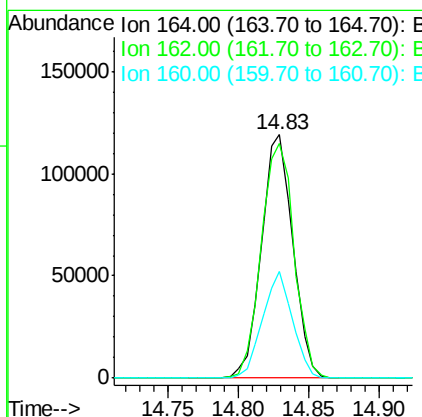
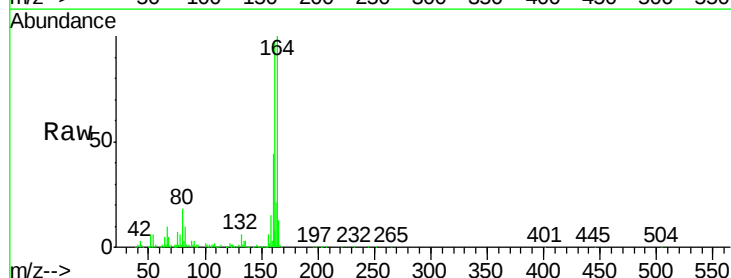
Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-0-2-COMPMSD

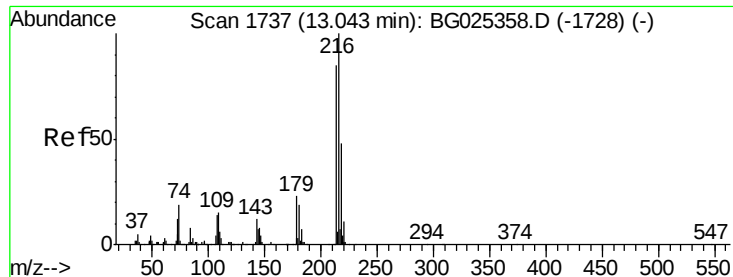
Tgt Ion:142 Resp: 425692
Ion Ratio Lower Upper
142 100
141 91.5 70.4 105.6
115 49.6 35.5 53.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.83 min Scan# 2041
Delta R.T. 0.00 min
Lab File: BG025462.D
Acq: 10 Jan 2017 21:40

Tgt Ion:164 Resp: 186038
Ion Ratio Lower Upper
164 100
162 96.6 85.1 127.7
160 44.0 34.7 52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 50.77 ng

RT: 13.03 min Scan# 1735

Delta R.T. -0.00 min

Lab File: BG025462.D

Acq: 10 Jan 2017 21:40

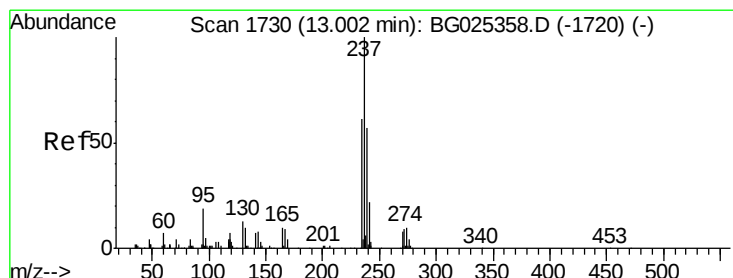
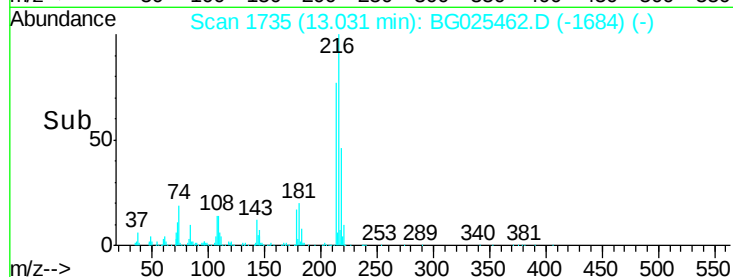
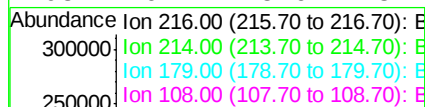
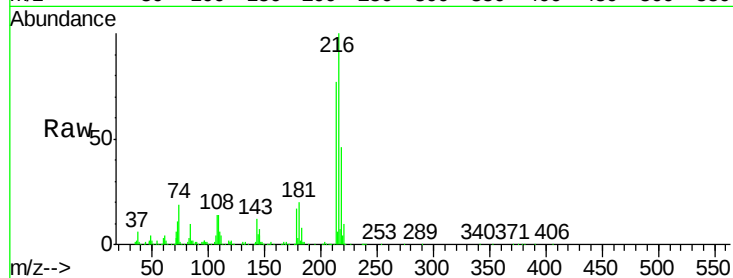
Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-0-2-COMPMSD

Tgt Ion:	216	Resp:	311867
Ion	Ratio	Lower	Upper
216	100		
214	79.4	64.4	96.6
179	19.1	17.4	26.0
108	16.1	15.6	23.4



#40

Hexachlorocyclopentadiene

Concen: 116.31 ng

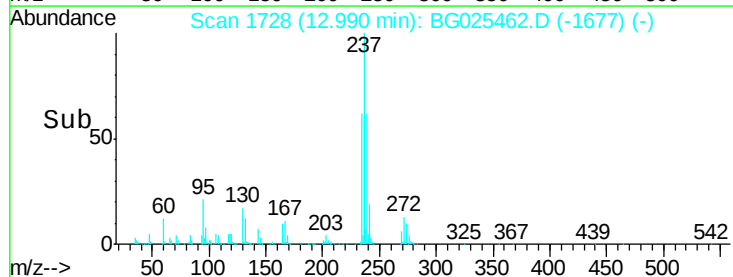
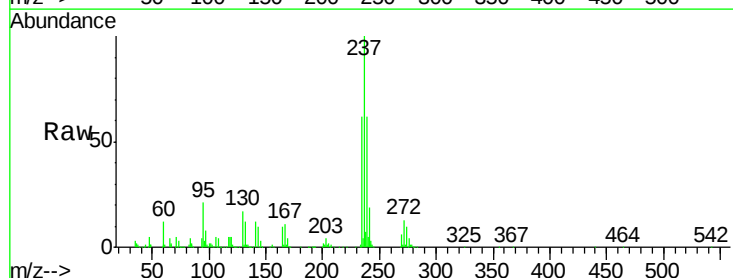
RT: 12.99 min Scan# 1728

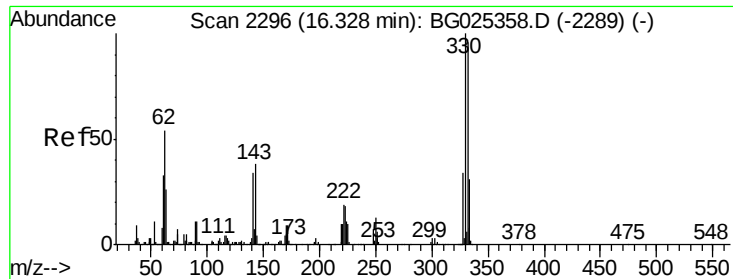
Delta R.T. -0.00 min

Lab File: BG025462.D

Acq: 10 Jan 2017 21:40

Tgt Ion:	237	Resp:	270640
Ion	Ratio	Lower	Upper
237	100		
235	62.1	39.4	79.4
272	13.0	0.0	32.0

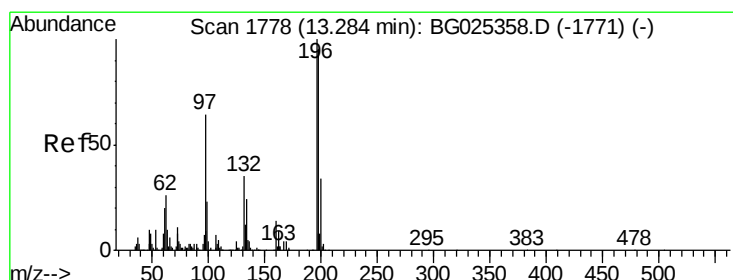
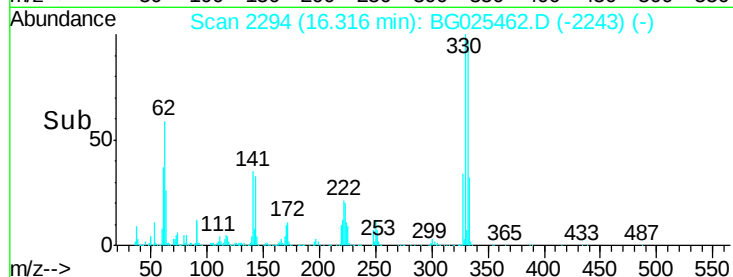
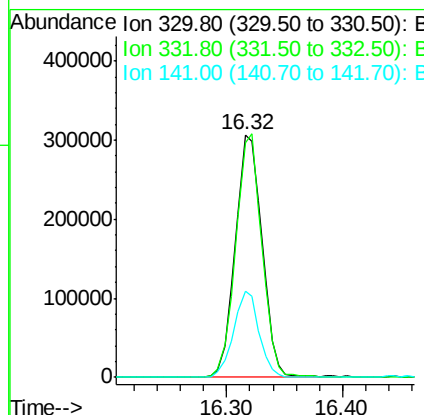
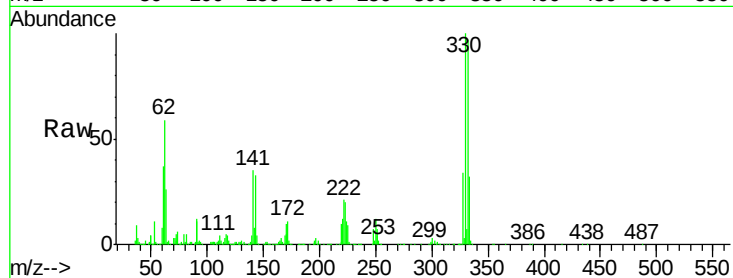




#41
2,4,6-Tribromophenol
Concen: 164.94 ng
RT: 16.32 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BG025462.D
Acq: 10 Jan 2017 21:40

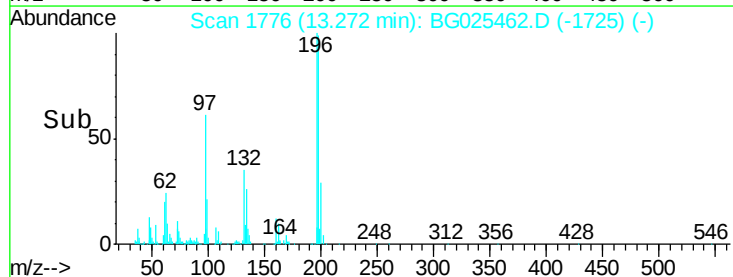
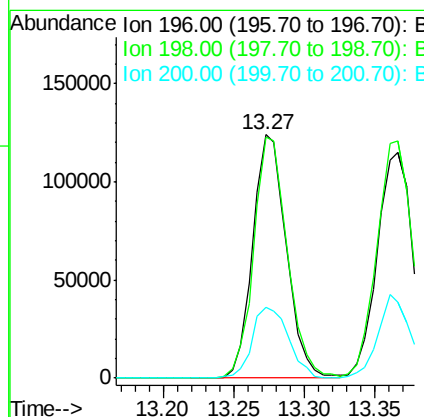
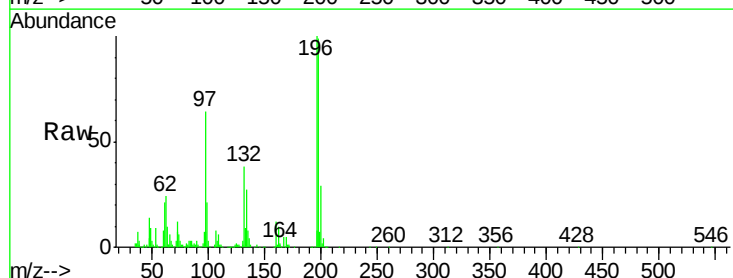
Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-0-2-COMPMSD

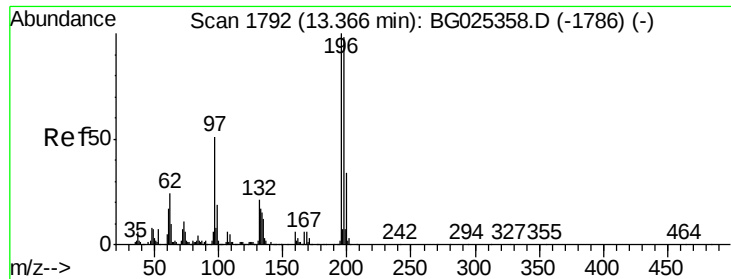
Tgt Ion:330 Resp: 494003
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 33.7 32.1 48.1



#42
2,4,6-Trichlorophenol
Concen: 53.64 ng
RT: 13.27 min Scan# 1776
Delta R.T. -0.00 min
Lab File: BG025462.D
Acq: 10 Jan 2017 21:40

Tgt Ion:196 Resp: 207456
Ion Ratio Lower Upper
196 100
198 99.0 81.4 122.2
200 29.0 27.0 40.6

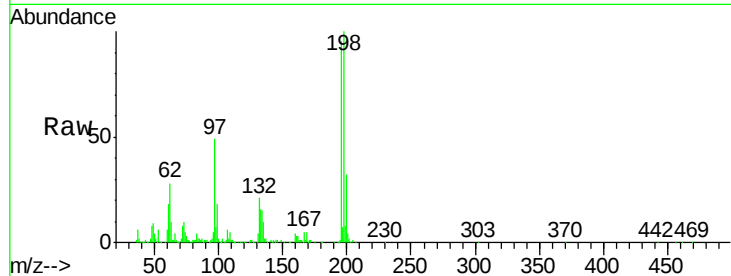




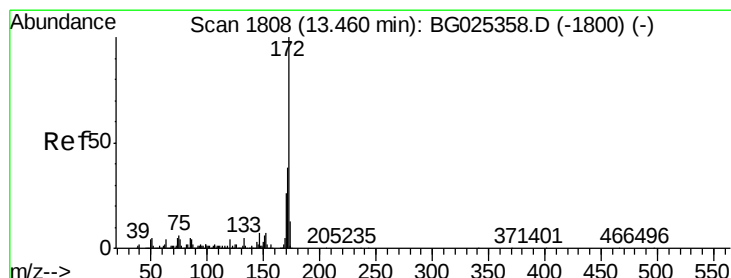
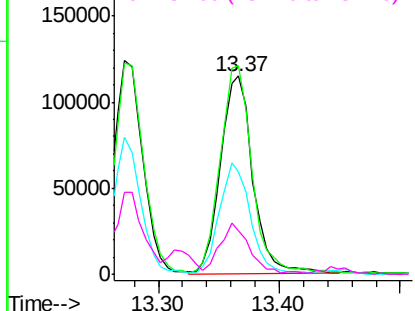
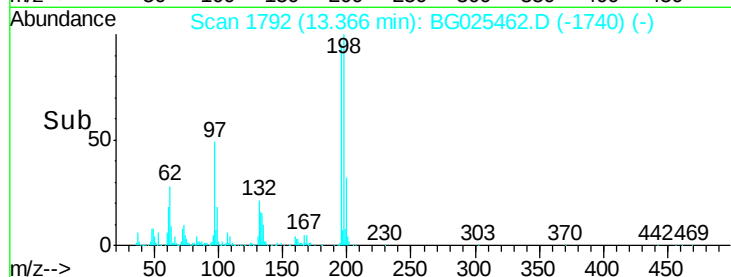
#43
2,4,5-Trichlorophenol
Concen: 52.16 ng
RT: 13.37 min Scan# 1792
Delta R.T. 0.00 min
Lab File: BG025462.D
Acq: 10 Jan 2017 21:40

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-0-2-COMPMSD

Tgt Ion:196 Resp: 211148
Ion Ratio Lower Upper
196 100
198 105.2 79.9 119.9
97 51.8 45.4 68.0
132 22.1 20.7 31.1

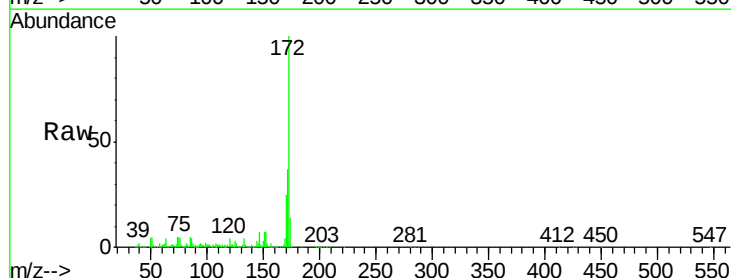


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

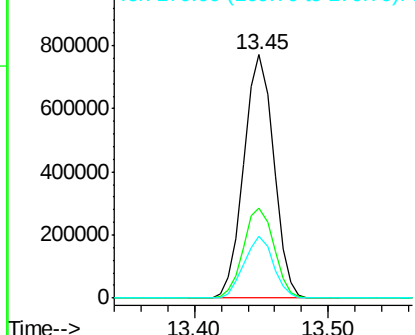
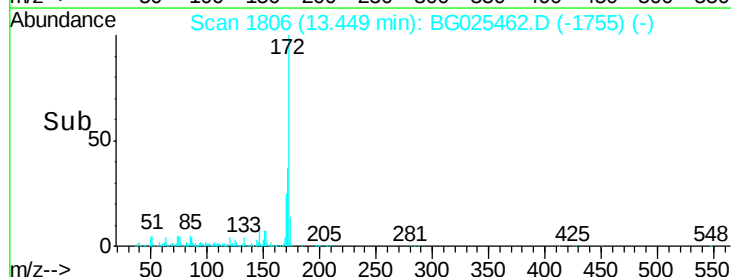


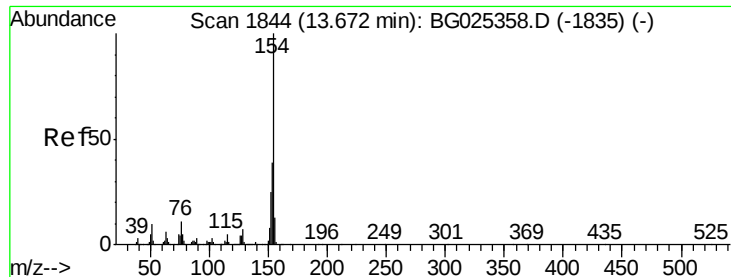
#44
2-Fluorobiphenyl
Concen: 104.15 ng
RT: 13.45 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BG025462.D
Acq: 10 Jan 2017 21:40

Tgt Ion:172 Resp: 1196786
Ion Ratio Lower Upper
172 100
171 37.1 32.2 48.2
170 25.3 21.8 32.6



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 52.14 ng

RT: 13.66 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BG025462.D

Acq: 10 Jan 2017 21:40

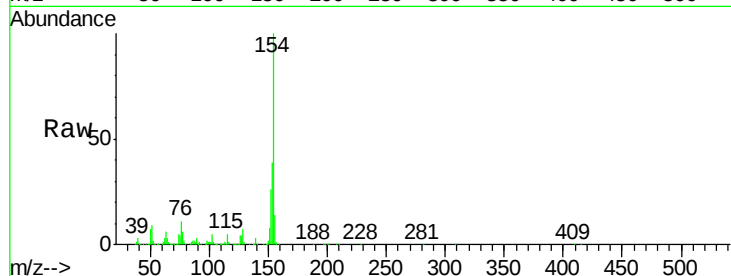
Instrument :

BNA_G

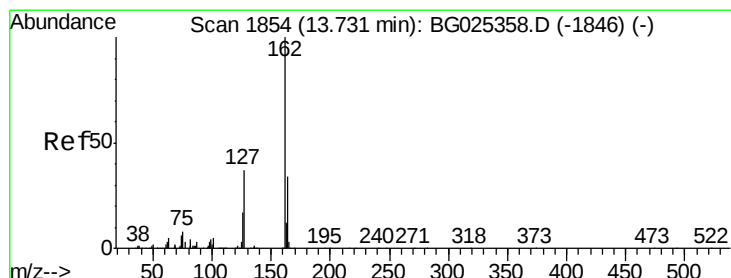
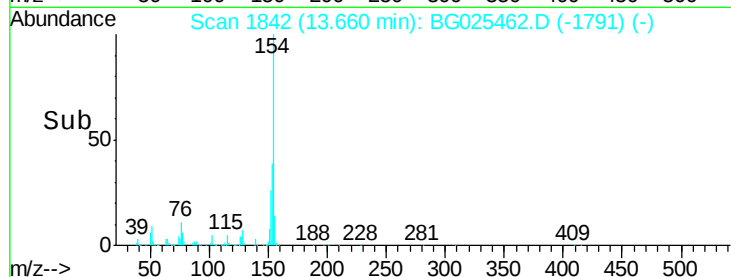
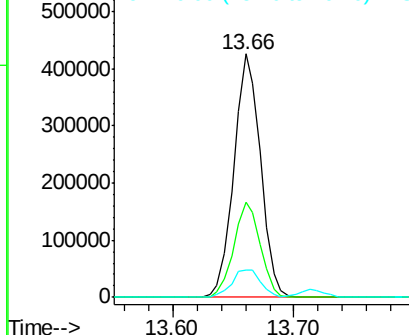
ClientSampleId :

ROLL-OFF-0-2-COMPMSD

Tgt Ion:	154	Resp:	652407
Ion	Ratio	Lower	Upper
154	100		
153	39.1	23.0	63.0
76	11.5	0.0	33.5



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



#46

2-Chloronaphthalene

Concen: 51.61 ng

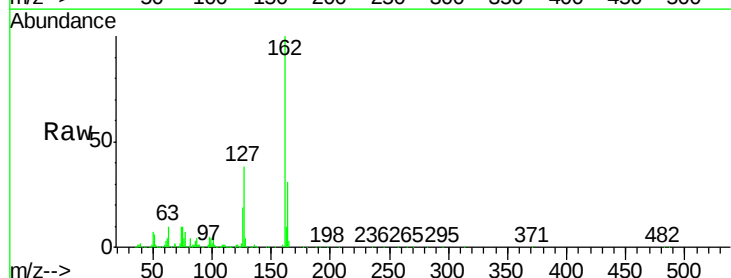
RT: 13.72 min Scan# 1852

Delta R.T. 0.00 min

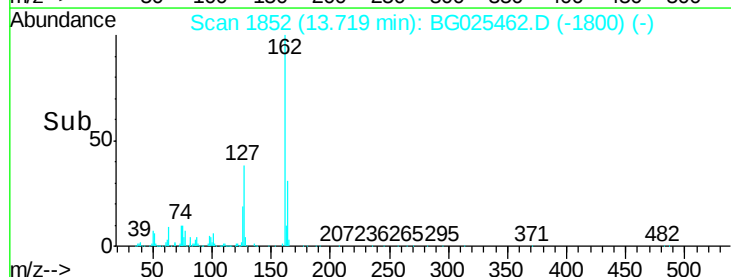
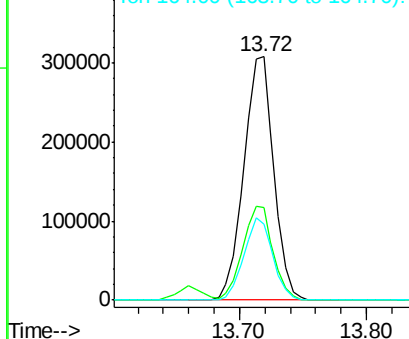
Lab File: BG025462.D

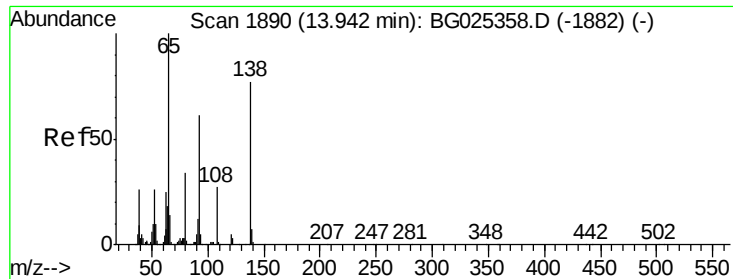
Acq: 10 Jan 2017 21:40

Tgt Ion:	162	Resp:	504515
Ion	Ratio	Lower	Upper
162	100		
127	38.1	32.2	48.4
164	31.1	27.3	40.9



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





#47

2-Nitroaniline

Concen: 54.06 ng

RT: 13.93 min Scan# 1888

Delta R.T. -0.00 min

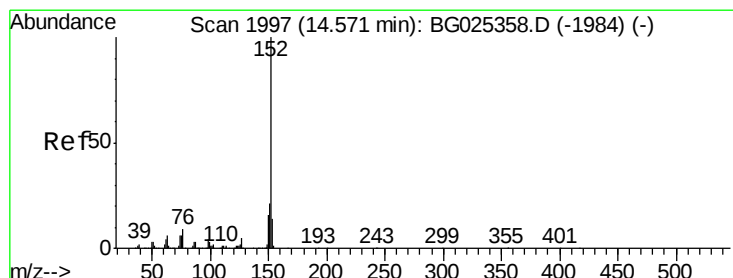
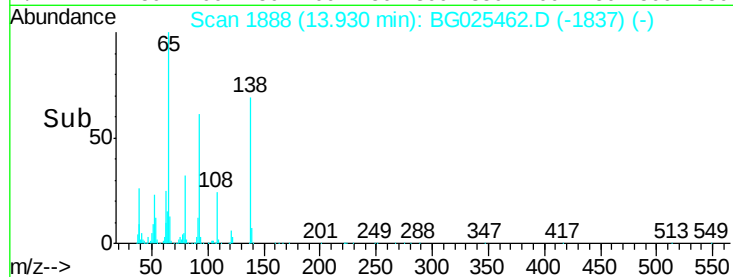
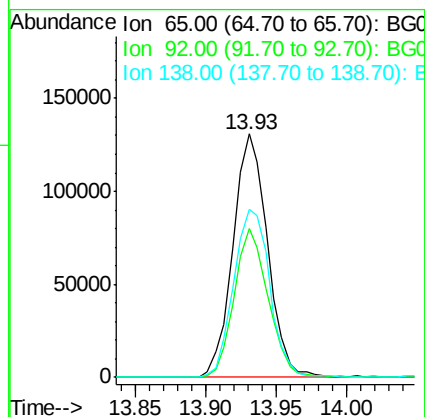
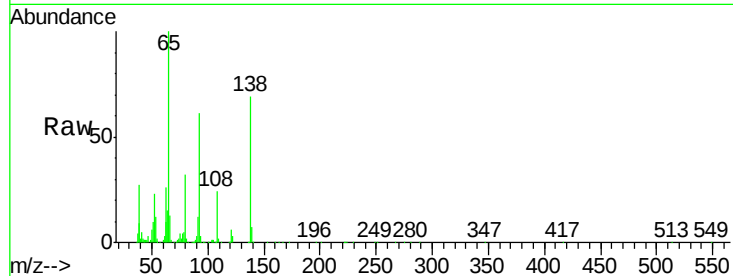
Lab File: BG025462.D

Acq: 10 Jan 2017 21:40

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-0-2-COMPMSD

Tgt Ion: 65 Resp: 223066

Ion	Ratio	Lower	Upper
65	100		
92	61.2	49.0	73.4
138	69.1	58.6	87.8



#48

Acenaphthylene

Concen: 50.91 ng

RT: 14.56 min Scan# 1995

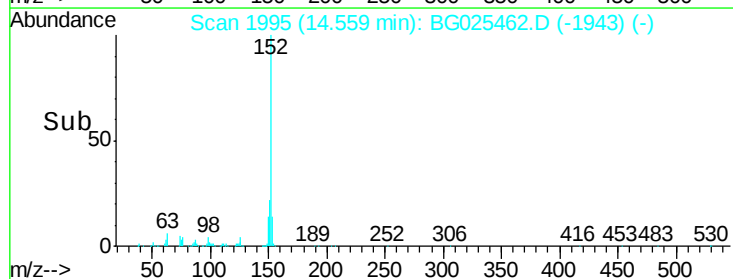
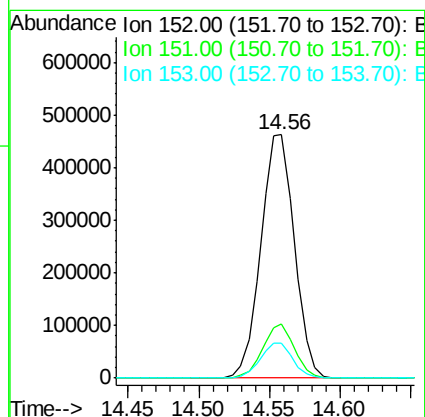
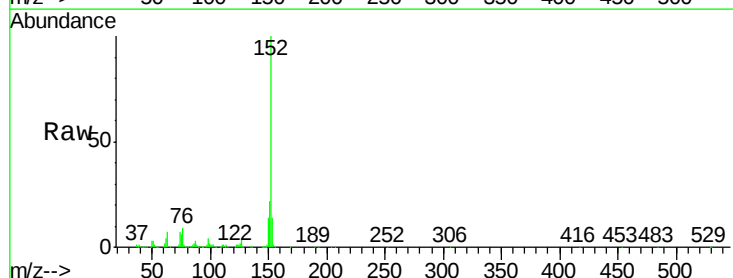
Delta R.T. 0.00 min

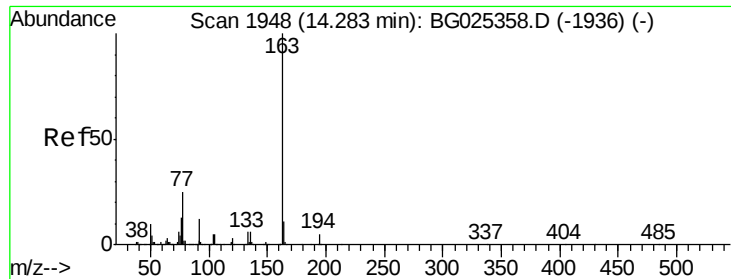
Lab File: BG025462.D

Acq: 10 Jan 2017 21:40

Tgt Ion: 152 Resp: 771336

Ion	Ratio	Lower	Upper
152	100		
151	22.4	18.2	27.2
153	14.5	11.3	16.9





#49

Dimethylphthalate

Concen: 52.57 ng

RT: 14.27 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG025462.D

Acq: 10 Jan 2017 21:40

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-0-2-COMPMSD

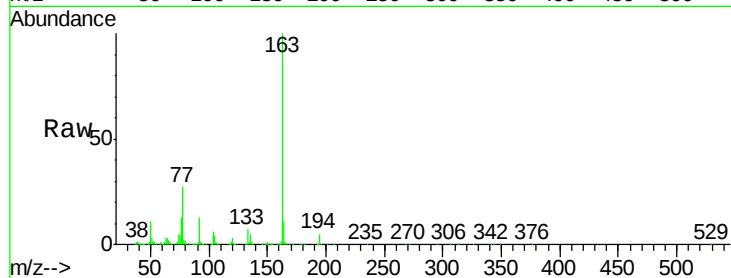
Tgt Ion:163 Resp: 712999

Ion Ratio Lower Upper

163 100

194 4.6 3.8 5.6

164 11.0 9.3 13.9

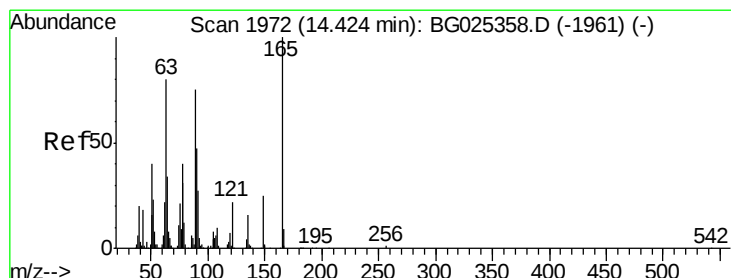
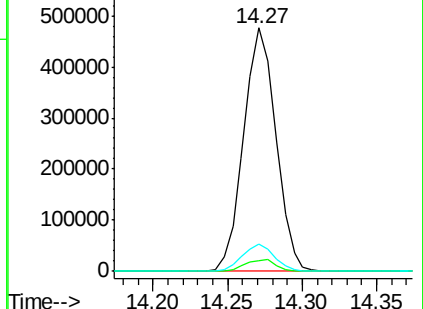
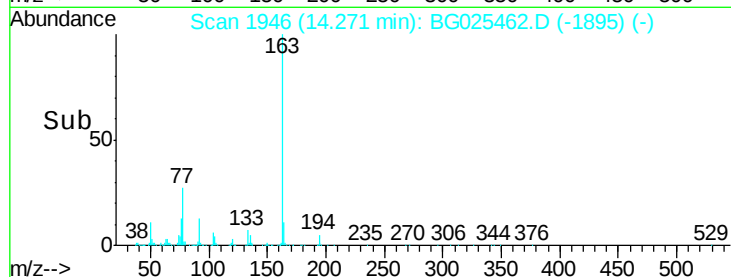


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

14.27



#50

2,6-Dinitrotoluene

Concen: 54.00 ng

RT: 14.41 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BG025462.D

Acq: 10 Jan 2017 21:40

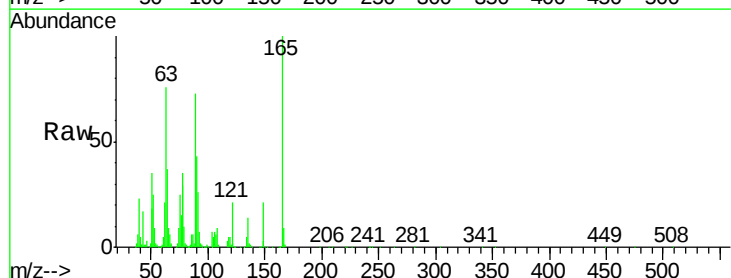
Tgt Ion:165 Resp: 159992

Ion Ratio Lower Upper

165 100

63 75.6 63.9 95.9

89 72.7 58.6 88.0

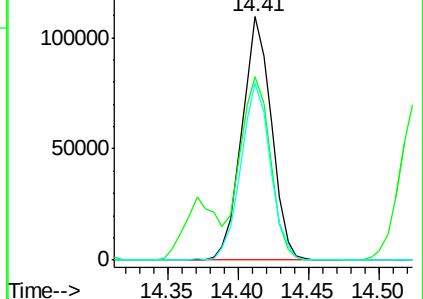
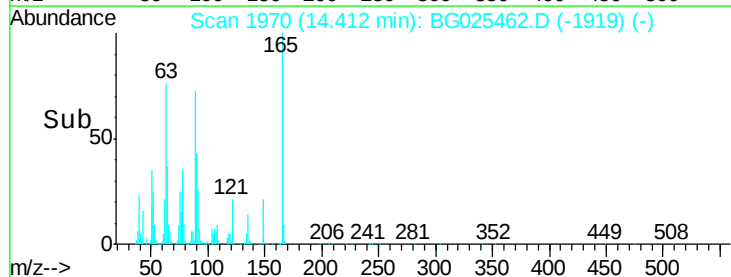


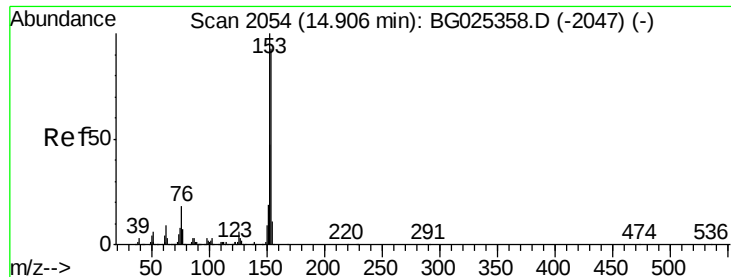
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

14.41





#51

Acenaphthene

Concen: 49.75 ng

RT: 14.89 min Scan# 2052

Delta R.T. 0.00 min

Lab File: BG025462.D

Acq: 10 Jan 2017 21:40

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-0-2-COMPMSD

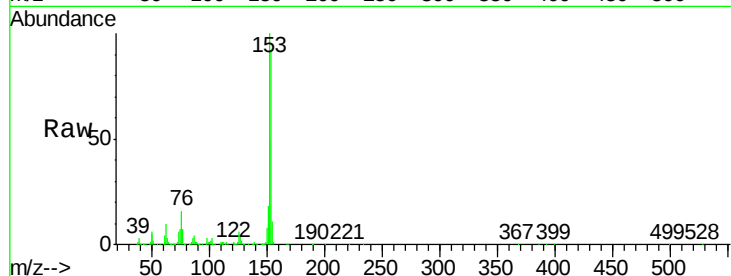
Tgt Ion:154 Resp: 493074

Ion Ratio Lower Upper

154 100

153 108.7 87.8 131.6

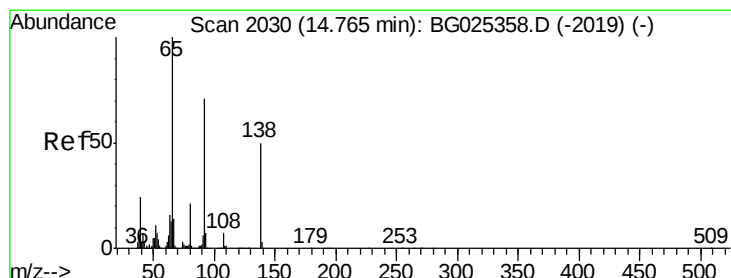
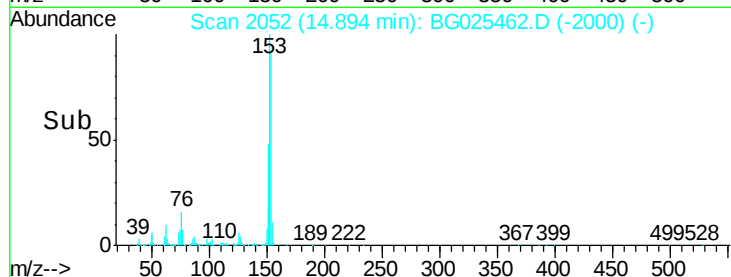
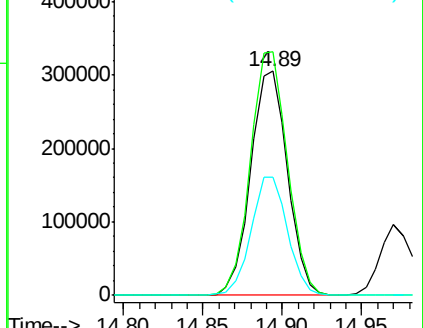
152 52.8 42.2 63.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.65 ng

RT: 14.75 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BG025462.D

Acq: 10 Jan 2017 21:40

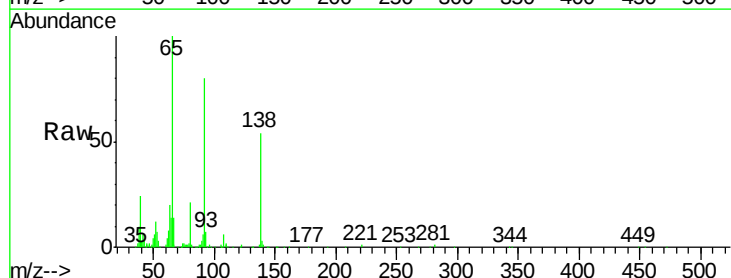
Tgt Ion:138 Resp: 84449

Ion Ratio Lower Upper

138 100

108 11.9 10.9 16.3

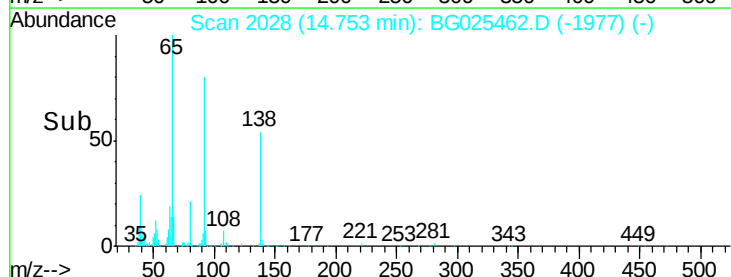
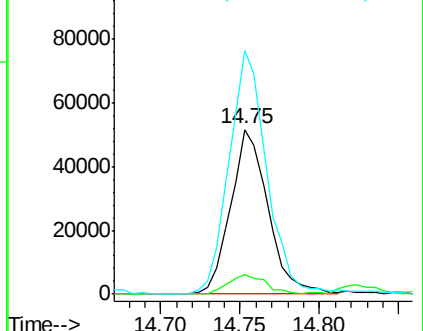
92 148.1 115.3 172.9

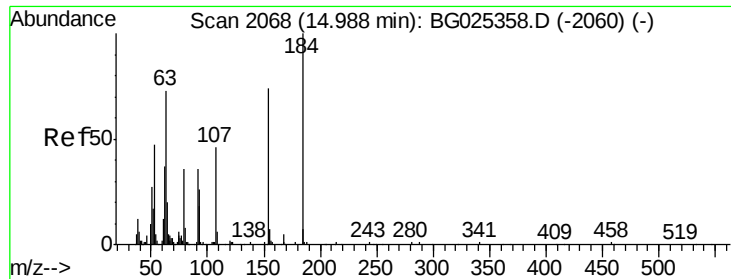


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

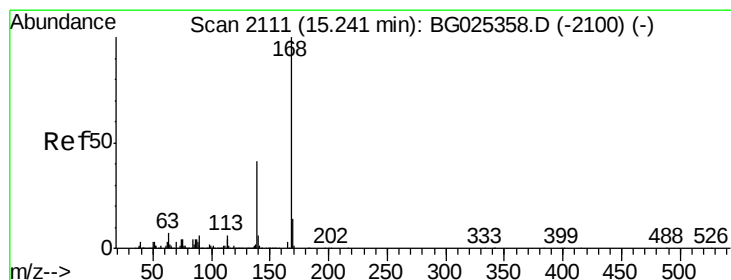
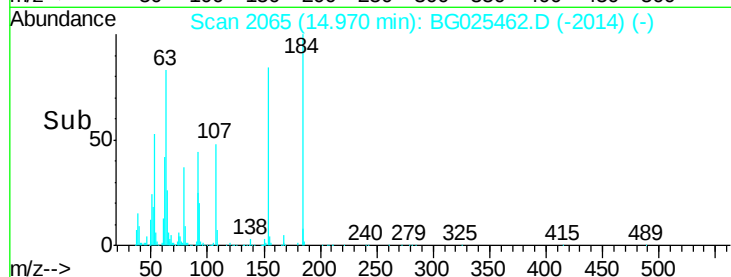
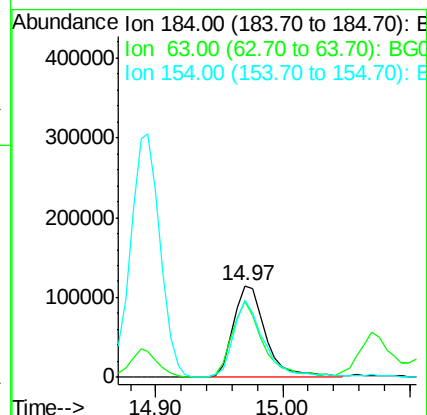
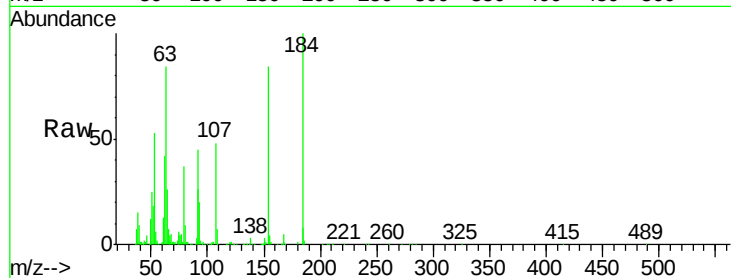




#53
2,4-Dinitrophenol
Concen: 103.13 ng
RT: 14.97 min Scan# 2065
Delta R.T. -0.00 min
Lab File: BG025462.D
Acq: 10 Jan 2017 21:40

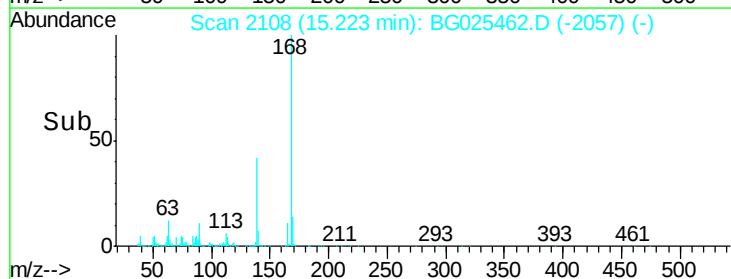
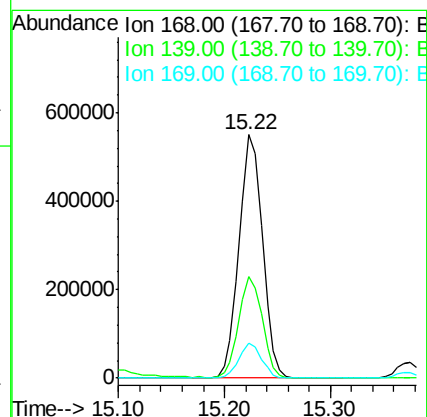
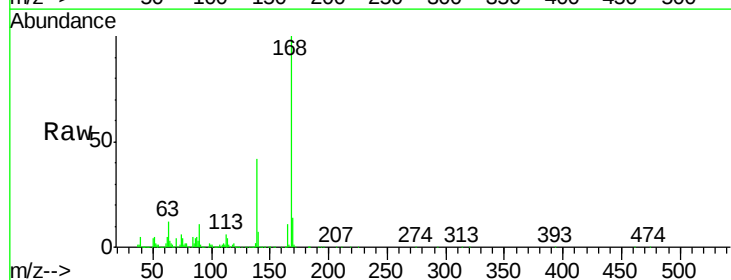
Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-0-2-COMPMSD

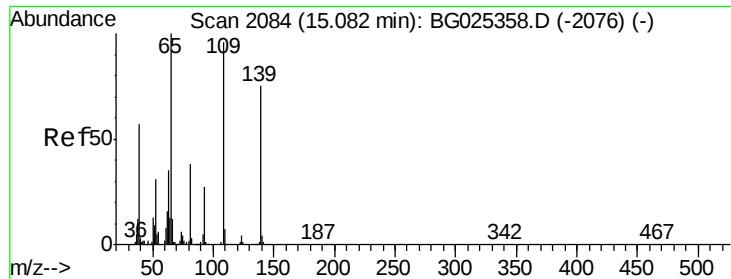
Tgt Ion:184 Resp: 203413
Ion Ratio Lower Upper
184 100
63 83.5 52.7 79.1#
154 84.1 57.3 85.9



#54
Dibenzofuran
Concen: 53.77 ng
RT: 15.22 min Scan# 2108
Delta R.T. -0.00 min
Lab File: BG025462.D
Acq: 10 Jan 2017 21:40

Tgt Ion:168 Resp: 842453
Ion Ratio Lower Upper
168 100
139 41.6 35.3 52.9
169 14.2 11.5 17.3

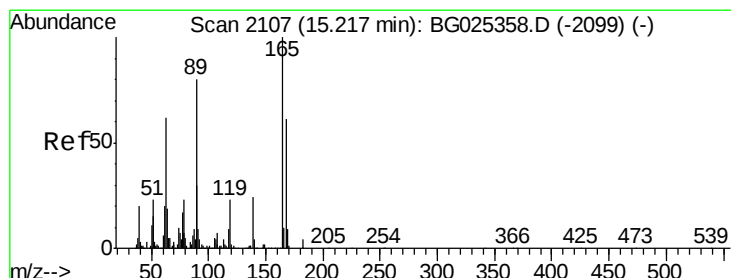
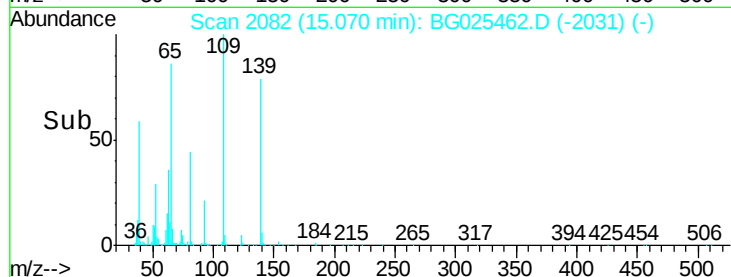
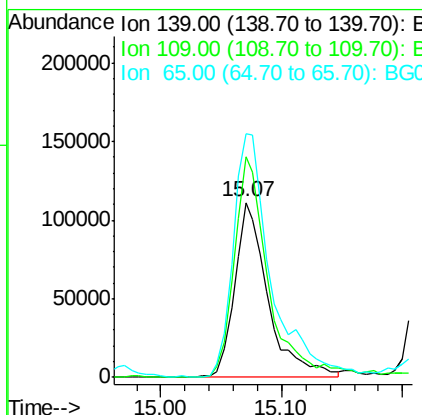
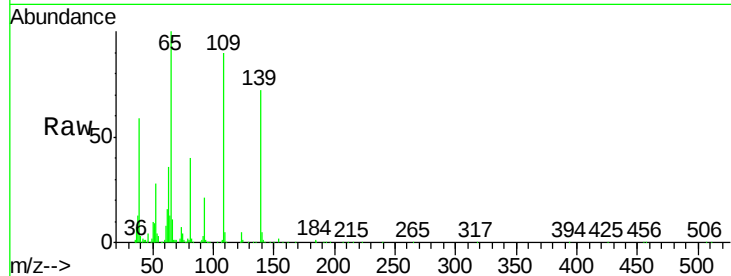




#55
4-Nitrophenol
Concen: 100.38 ng
RT: 15.07 min Scan# 2082
Delta R.T. -0.00 min
Lab File: BG025462.D
Acq: 10 Jan 2017 21:40

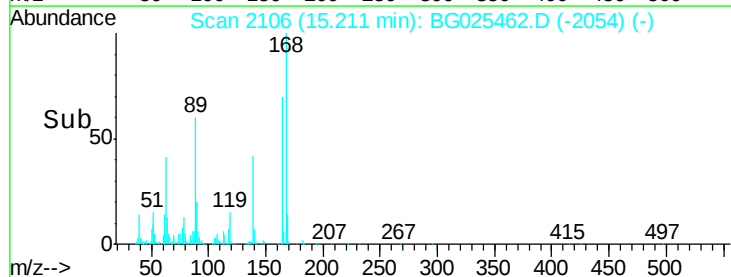
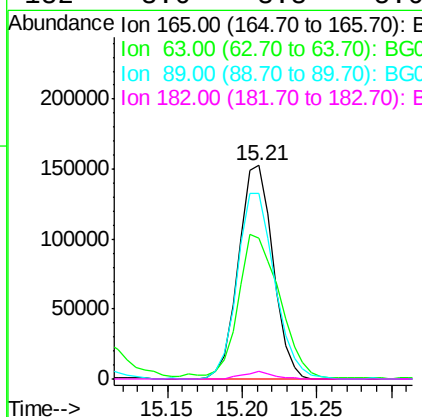
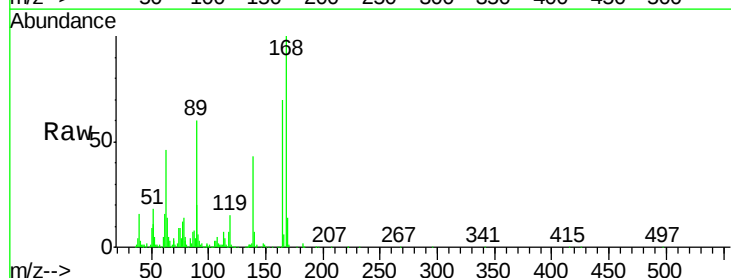
Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-0-2-COMPMSD

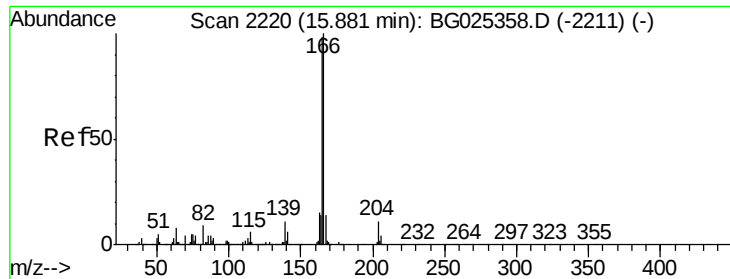
Tgt Ion:139 Resp: 213552
Ion Ratio Lower Upper
139 100
109 126.0 101.2 141.2
65 139.4 135.3 175.3



#56
2,4-Dinitrotoluene
Concen: 56.55 ng
RT: 15.21 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BG025462.D
Acq: 10 Jan 2017 21:40

Tgt Ion:165 Resp: 243970
Ion Ratio Lower Upper
165 100
63 65.7 44.0 66.0
89 86.7 67.3 100.9
182 3.6 3.8 5.6#





#57

Fluorene

Concen: 52.18 ng

RT: 15.88 min Scan# 2219

Delta R.T. 0.00 min

Lab File: BG025462.D

Acq: 10 Jan 2017 21:40

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-0-2-COMPMSD

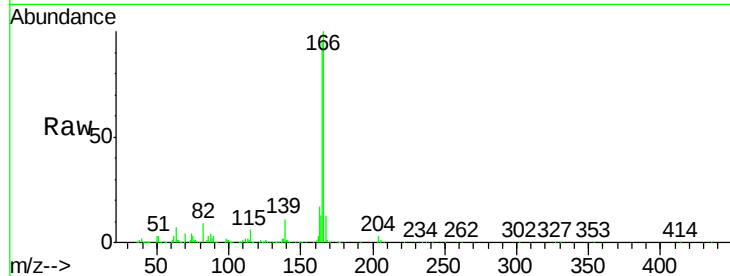
Tgt Ion:166 Resp: 684409

Ion Ratio Lower Upper

166 100

165 96.0 78.6 117.8

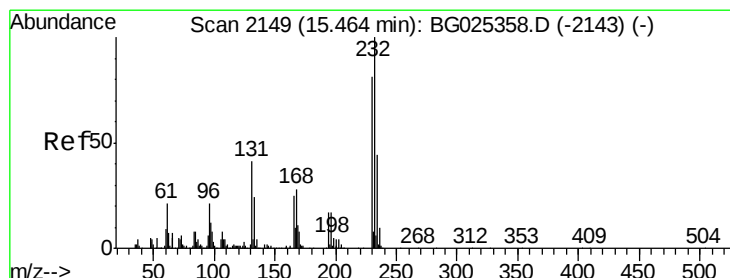
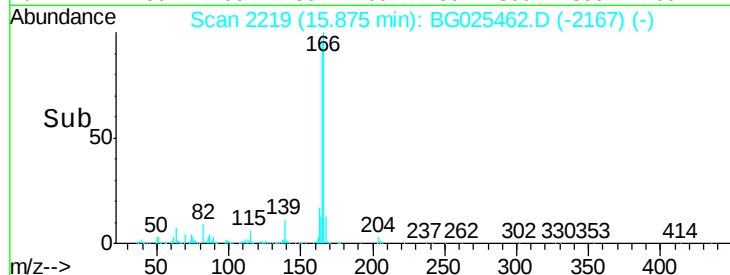
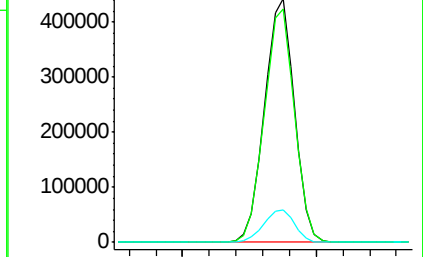
167 13.3 11.6 17.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 55.32 ng

RT: 15.46 min Scan# 2148

Delta R.T. 0.00 min

Lab File: BG025462.D

Acq: 10 Jan 2017 21:40

Tgt Ion:232 Resp: 239889

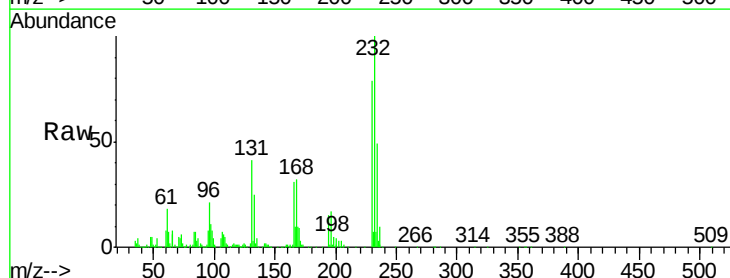
Ion Ratio Lower Upper

232 100

131 40.3 34.9 52.3

130 2.3 2.3 3.5#

166 28.0 24.2 36.4

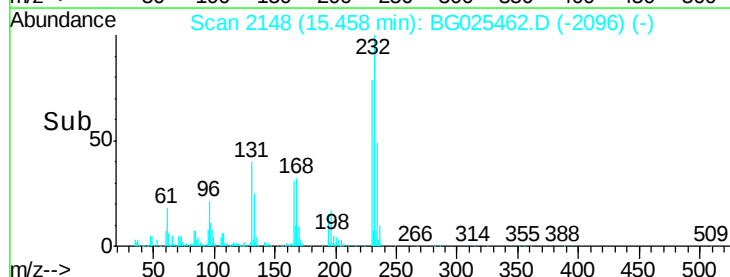
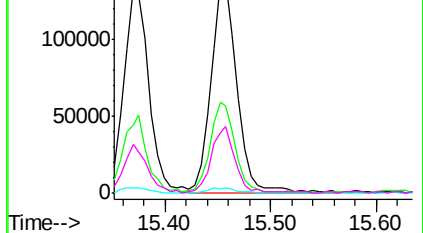


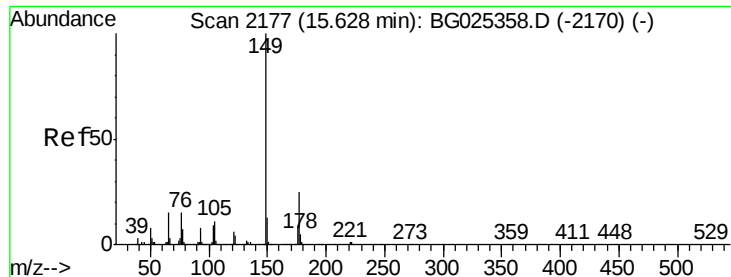
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 53.65 ng

RT: 15.62 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BG025462.D

Acq: 10 Jan 2017 21:40

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-0-2-COMPMSD

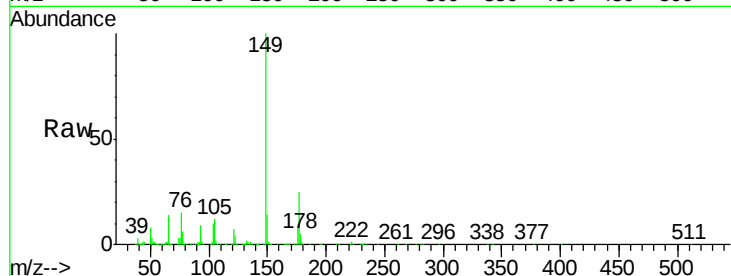
Tgt Ion:149 Resp: 763000

Ion Ratio Lower Upper

149 100

177 25.0 20.1 30.1

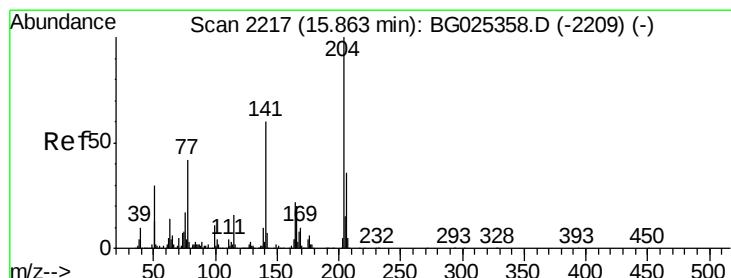
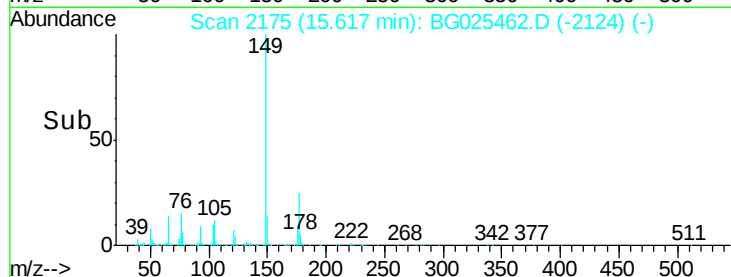
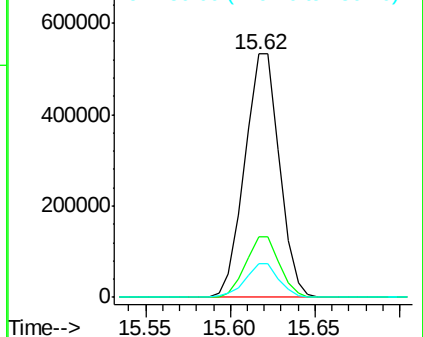
150 13.9 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 53.26 ng

RT: 15.85 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BG025462.D

Acq: 10 Jan 2017 21:40

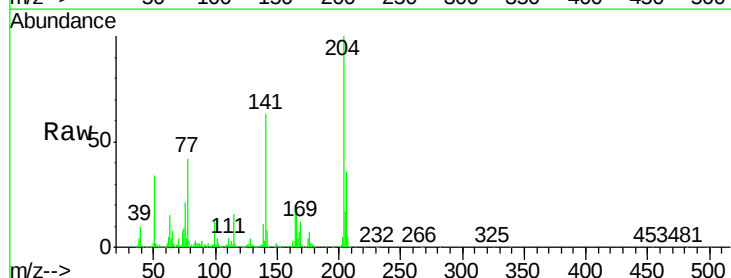
Tgt Ion:204 Resp: 395944

Ion Ratio Lower Upper

204 100

206 36.3 30.1 45.1

141 62.5 50.6 76.0



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

