

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012117\
 Data File : BG025573.D
 Acq On : 21 Jan 2017 14:44
 Operator : UM/SJ
 Sample : PB96174BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB96174BS

Quant Time: Jan 23 00:56:46 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	8.18	152	70879	20.00	ng	-0.02
21) Naphthalene-d8	11.01	136	306340	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	242301	20.00	ng	-0.02
63) Phenanthrene-d10	17.56	188	546897	20.00	ng	-0.02
75) Chrysene-d12	21.85	240	717811	20.00	ng	-0.02
86) Perylene-d12	25.23	264	781651	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	655124	168.00	ng	-0.02
7) Phenol-d6	7.34	99	911042	165.89	ng	-0.02
23) Nitrobenzene-d5	9.37	82	688070	99.23	ng	-0.02
41) 2,4,6-Tribromophenol	16.30	330	569515	145.99	ng	-0.02
44) 2-Fluorobiphenyl	13.43	172	1409312	94.17	ng	-0.02
78) Terphenyl-d14	20.14	244	2555113	94.38	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	62756	37.72	ng	# 92
3) Pyridine	3.96	79	181390	37.61	ng	94
4) n-Nitrosodimethylamine	3.88	42	134599	47.02	ng	95
6) Aniline	7.50	93	254744	34.23	ng	98
8) 2-Chlorophenol	7.74	128	229787	52.24	ng	97
9) Benzaldehyde	7.32	77	178183	44.34	ng	99
10) Phenol	7.37	94	336778	55.32	ng	98
11) bis(2-Chloroethyl)ether	7.59	93	224546	47.87	ng	90
12) 1,3-Dichlorobenzene	8.06	146	245522	46.12	ng	97
13) 1,4-Dichlorobenzene	8.21	146	256662	46.52	ng	98
14) 1,2-Dichlorobenzene	8.54	146	245770	46.68	ng	92
15) Benzyl Alcohol	8.43	79	274374	52.33	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.70	45	429839	49.48	ng	97
17) 2-Methylphenol	8.63	107	214140	53.56	ng	96
18) Hexachloroethane	9.25	117	98299	46.39	ng	92
19) n-Nitroso-di-n-propylamine	8.98	70	227199	48.98	ng	95
20) 3+4-Methylphenols	8.96	107	295284	53.37	ng	92
22) Acetophenone	9.01	105	399380	46.92	ng	# 97
24) Nitrobenzene	9.41	77	351636	46.23	ng	98
25) Isophorone	9.92	82	626677	49.91	ng	96
26) 2-Nitrophenol	10.12	139	143451	49.31	ng	92
27) 2,4-Dimethylphenol	10.16	122	244354	51.09	ng	99
28) bis(2-Chloroethoxy)methane	10.39	93	336995	51.68	ng	93
29) 2,4-Dichlorophenol	10.66	162	271969	53.14	ng	96
30) 1,2,4-Trichlorobenzene	10.86	180	282485	45.69	ng	92
31) Naphthalene	11.06	128	703032	45.96	ng	99
32) Benzoic acid	10.34	122	166871	43.39	ng	95
33) 4-Chloroaniline	11.18	127	112111	17.42	ng	97
34) Hexachlorobutadiene	11.31	225	224769	44.54	ng	94
35) Caprolactam	11.96	113	55607	28.92	ng	99
36) 4-Chloro-3-methylphenol	12.29	107	315789	49.99	ng	91
37) 2-Methylnaphthalene	12.65	142	559124	49.32	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.01	216	405370	50.67	ng	# 97
40) Hexachlorocyclopentadiene	12.97	237	374364	123.00	ng	96

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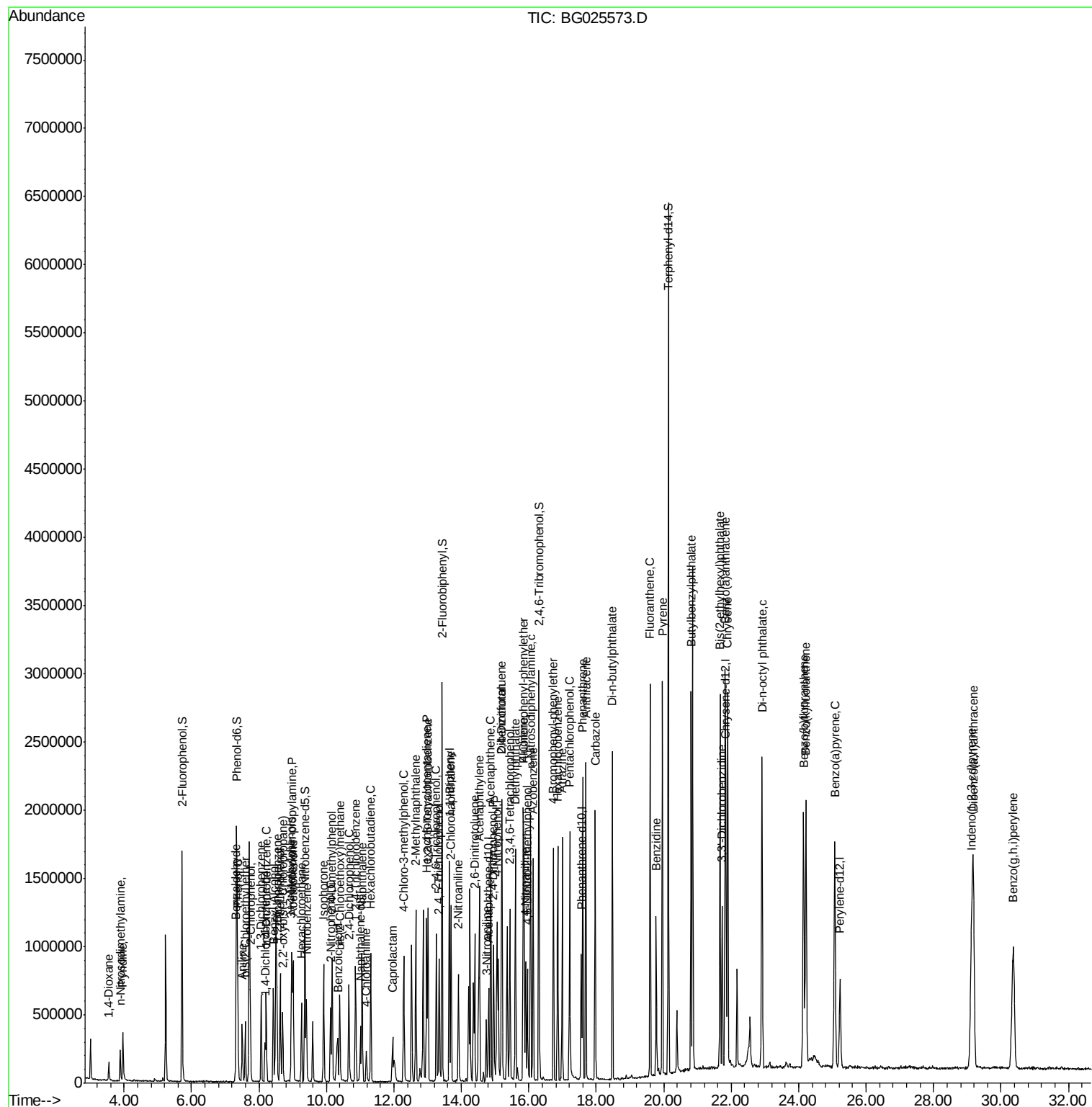
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.26	196	256489	50.92	ng	98
43) 2,4,5-Trichlorophenol	13.34	196	248595	47.15	ng	97
45) 1,1'-Biphenyl	13.64	154	823309	50.52	ng	95
46) 2-Chloronaphthalene	13.70	162	613500	48.18	ng	97
47) 2-Nitroaniline	13.91	65	259898	48.36	ng	96
48) Acenaphthylene	14.54	152	947021	47.99	ng	96
50) 2,6-Dinitrotoluene	14.40	165	189227	49.04	ng	97
51) Acenaphthene	14.87	154	603353	46.74	ng	98
52) 3-Nitroaniline	14.74	138	93387	25.17	ng	81
53) 2,4-Dinitrophenol	14.96	184	238740	93.43	ng	92
54) Dibenzofuran	15.21	168	981192	48.09	ng	99
55) 4-Nitrophenol	15.05	139	263093	94.95	ng	92
56) 2,4-Dinitrotoluene	15.19	165	280020	49.84	ng	# 88
57) Fluorene	15.85	166	812695	47.57	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.44	232	268932	47.62	ng	97
59) Diethylphthalate	15.60	149	871774	47.06	ng	98
60) 4-Chlorophenyl-phenylether	15.83	204	461569	47.67	ng	96
61) 4-Nitroaniline	15.90	138	157279	42.13	ng	90
62) Azobenzene	16.13	77	957868	53.62	ng	97
64) 4,6-Dinitro-2-methylphenol	15.96	198	188236	49.70	ng	83
65) n-Nitrosodiphenylamine	16.06	169	759641	51.39	ng	98
66) 4-Bromophenyl-phenylether	16.73	248	337883	50.08	ng	93
67) Hexachlorobenzene	16.86	284	378180	48.85	ng	# 89
68) Atrazine	16.99	200	344445	53.18	ng	97
69) Pentachlorophenol	17.21	266	387009	96.42	ng	97
70) Phenanthrene	17.60	178	1379283	48.94	ng	96
71) Anthracene	17.69	178	1441733	50.35	ng	99
72) Carbazole	17.97	167	1248823	48.75	ng	98
73) Di-n-butylphthalate	18.48	149	1521097	48.27	ng	99
74) Fluoranthene	19.59	202	1799943	48.35	ng	96
76) Benzidine	19.78	184	738919	41.27	ng	97
77) Pyrene	19.96	202	1813657	48.34	ng	98
79) Butylbenzylphthalate	20.81	149	767607	50.96	ng	98
80) Benzo(a)anthracene	21.82	228	1982248	49.51	ng	99
81) 3,3'-Dichlorobenzidine	21.73	252	441116	28.37	ng	99
82) Chrysene	21.89	228	1796197	46.78	ng	99
83) Bis(2-ethylhexyl)phthalate	21.67	149	1098155	52.39	ng	98
84) Di-n-octyl phthalate	22.91	149	1858843	53.41	ng	97
85) Indeno(1,2,3-cd)pyrene	29.13	276	2539940	52.04	ng	99
87) Benzo(b)fluoranthene	24.14	252	2058173	48.26	ng	98
88) Benzo(k)fluoranthene	24.22	252	2011758	48.84	ng	97
89) Benzo(a)pyrene	25.07	252	2022447	49.10	ng	97
90) Dibenzo(a,h)anthracene	29.18	278	2138890	48.99	ng	98
91) Benzo(g,h,i)perylene	30.36	276	2120478	48.88	ng	99

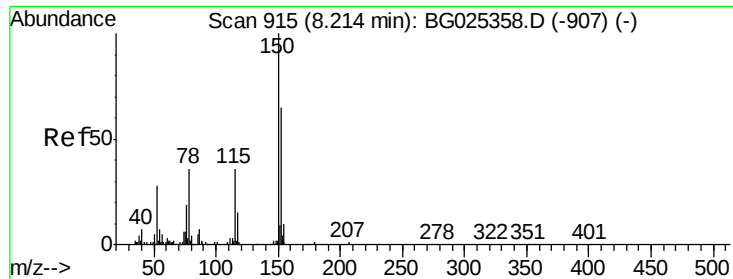
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.18 min Scan# 909

Delta R.T. -0.02 min

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Acq: 21 Jan 2017 14:44

Instrument :

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ClientSampleId :

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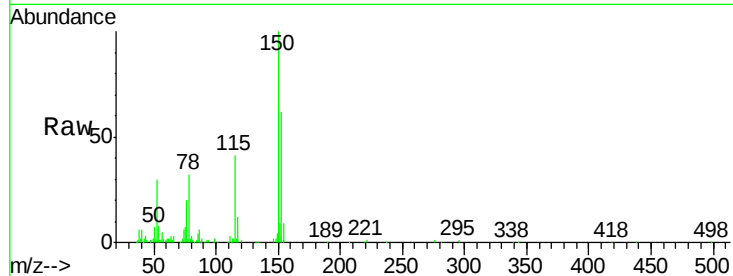
Tgt Ion:152 Resp: 70879

Ion Ratio Lower Upper

152 100

150 161.4 114.0 171.0

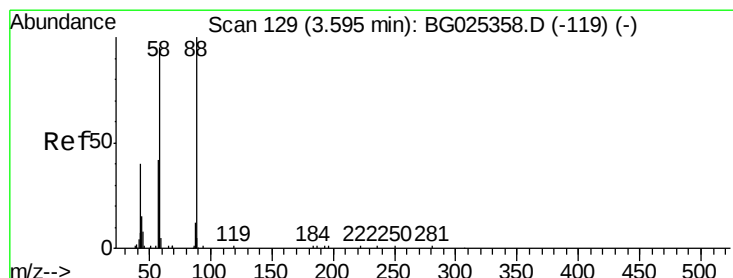
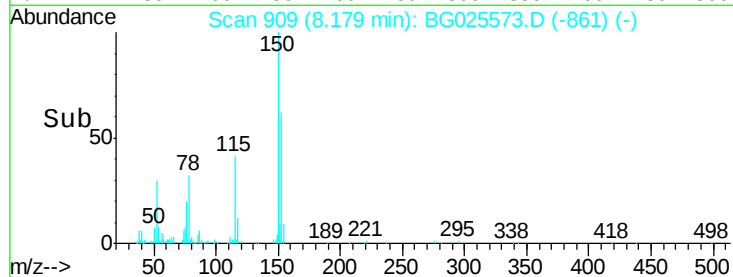
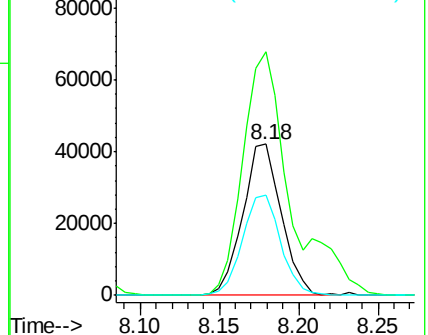
115 66.1 48.1 72.1



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: 37.72 ng

RT: 3.54 min Scan# 120

Delta R.T. -0.04 min

Lab File: BG025573.D

Acq: 21 Jan 2017 14:44

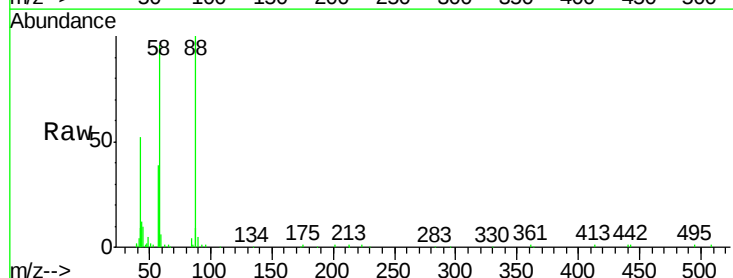
Tgt Ion: 88 Resp: 62756

Ion Ratio Lower Upper

88 100

58 96.5 79.4 119.2

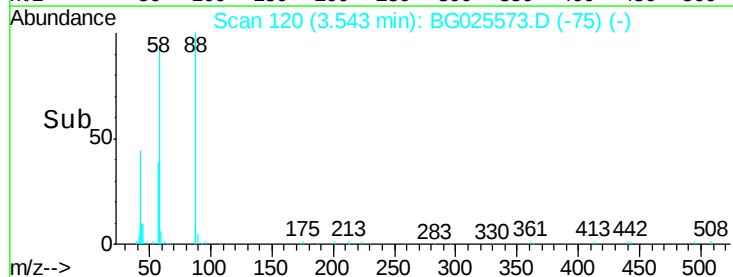
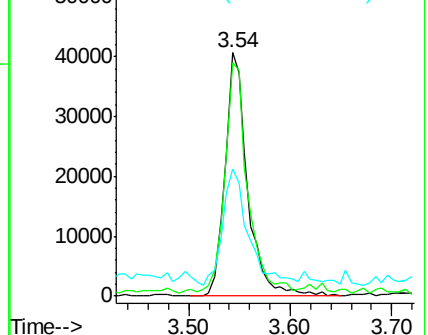
43 54.5 33.8 50.6#

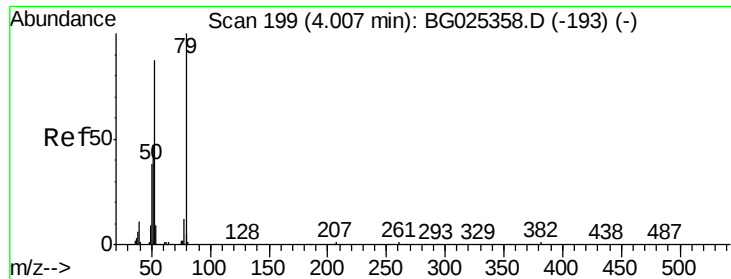


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 37.61 ng

RT: 3.96 min Scan# 191

Delta R.T. -0.03 min

Lab File: BG025573.D

Acq: 21 Jan 2017 14:44

Instrument :

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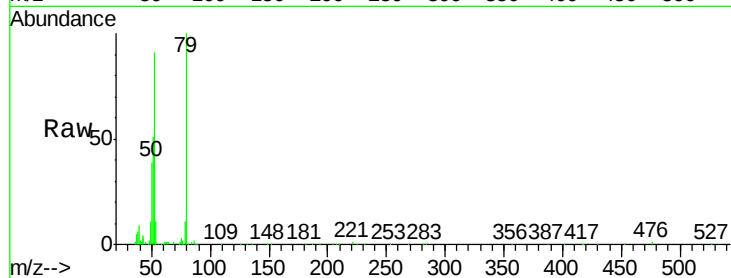
Tgt Ion: 79 Resp: 181390

Ion Ratio Lower Upper

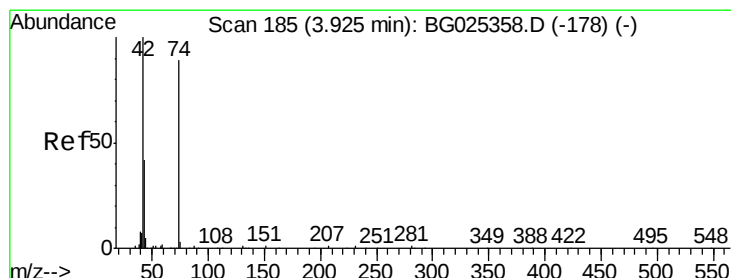
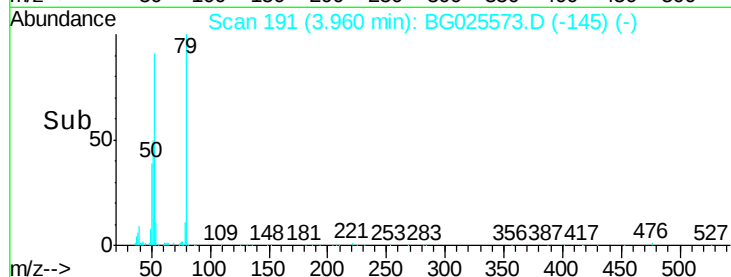
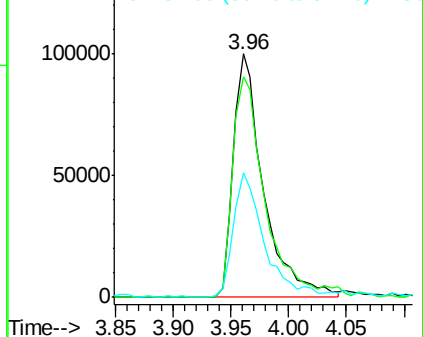
79 100

52 90.5 77.8 116.6

51 51.0 43.2 64.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 47.02 ng

RT: 3.88 min Scan# 178

Delta R.T. -0.03 min

Lab File: BG025573.D

Acq: 21 Jan 2017 14:44

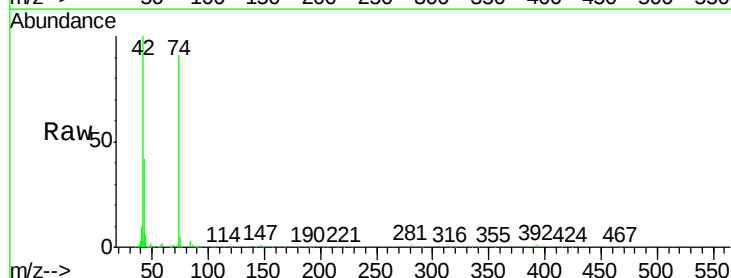
Tgt Ion: 42 Resp: 134599

Ion Ratio Lower Upper

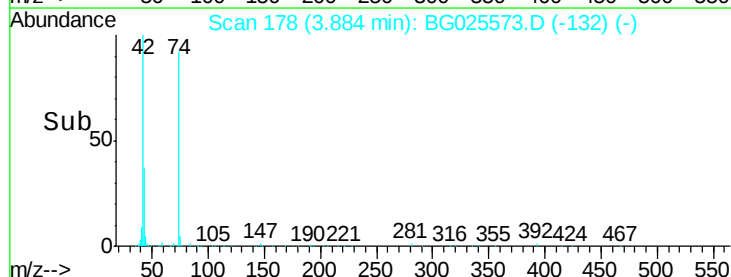
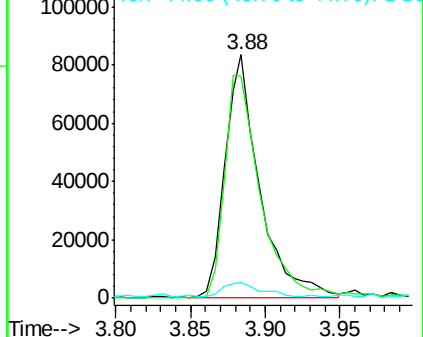
42 100

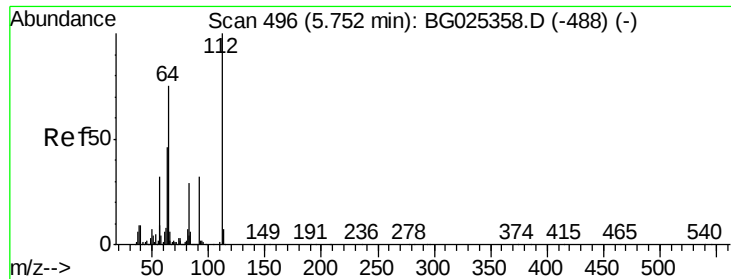
74 91.2 76.7 115.1

44 6.2 6.1 9.1



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 168.00 ng

RT: 5.72 min Scan# 490

Delta R.T. -0.02 min

Lab File: BG025573.D

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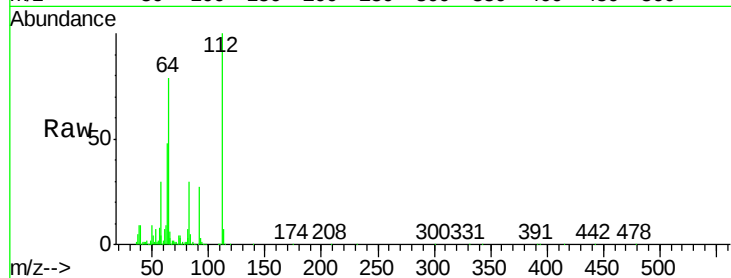
Tgt Ion: 112 Resp: 655124

Ion Ratio Lower Upper

112 100

64 78.8 61.8 92.6

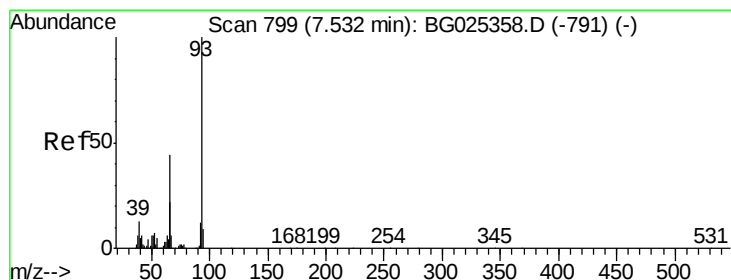
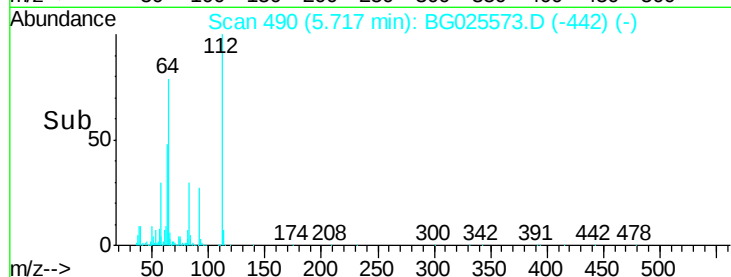
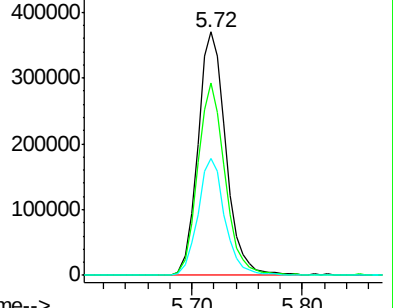
63 48.1 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 34.23 ng

RT: 7.50 min Scan# 794

Delta R.T. -0.02 min

Lab File: BG025573.D

Acq: 21 Jan 2017 14:44

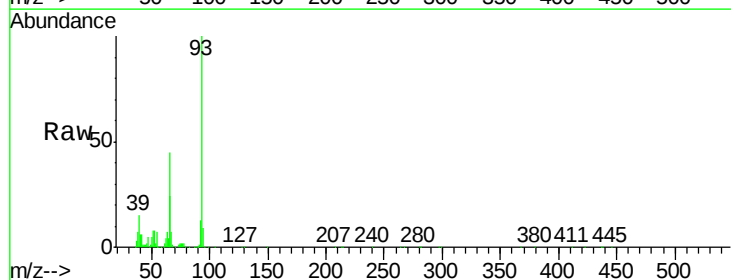
Tgt Ion: 93 Resp: 254744

Ion Ratio Lower Upper

93 100

66 44.6 35.4 53.2

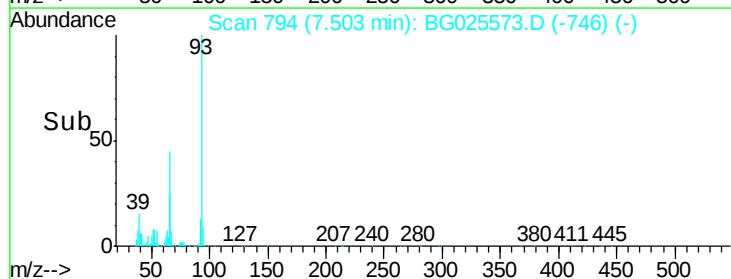
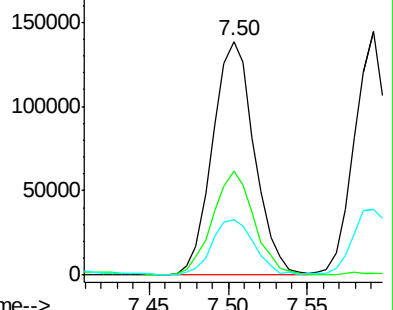
65 23.9 21.2 31.8

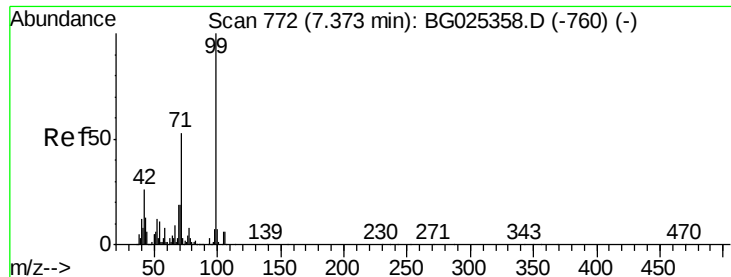


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 165.89 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.02 min

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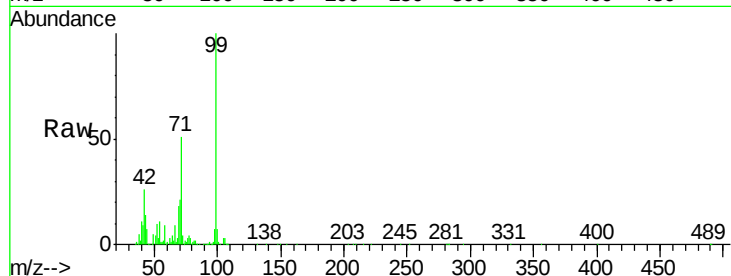
Tgt Ion: 99 Resp: 911042

Ion Ratio Lower Upper

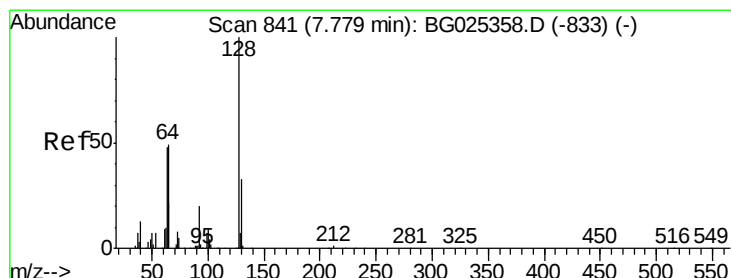
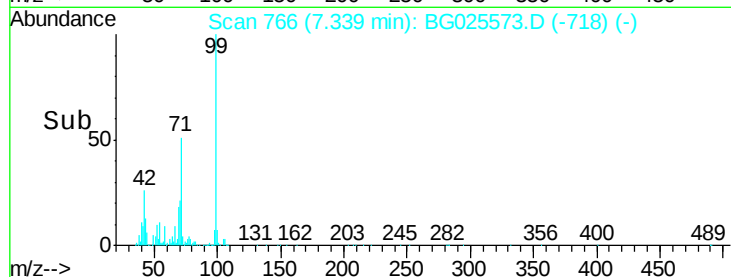
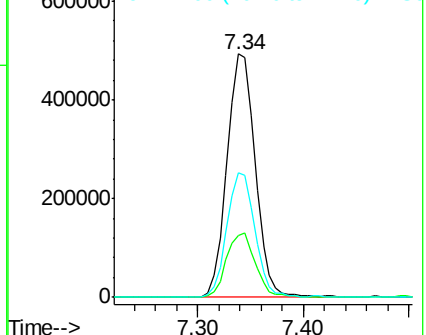
99 100

42 25.5 20.5 30.7

71 51.1 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: 52.24 ng

RT: 7.74 min Scan# 835

Delta R.T. -0.02 min

Lab File: BG025573.D

Acq: 21 Jan 2017 14:44

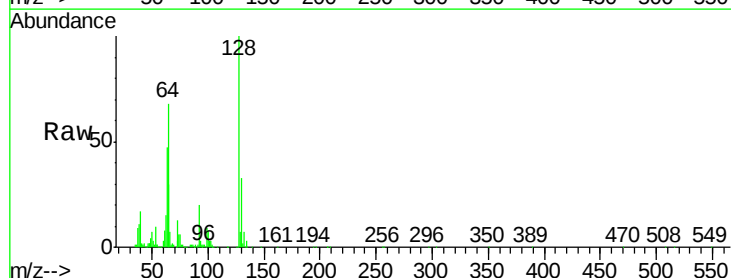
Tgt Ion: 128 Resp: 229787

Ion Ratio Lower Upper

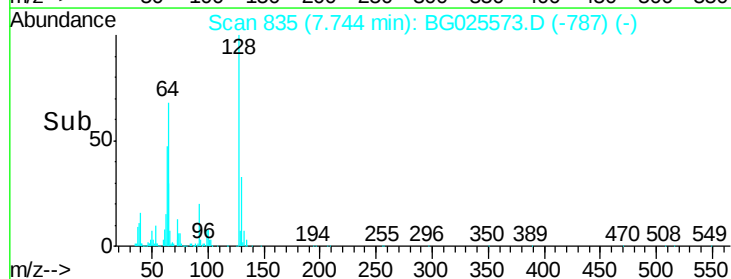
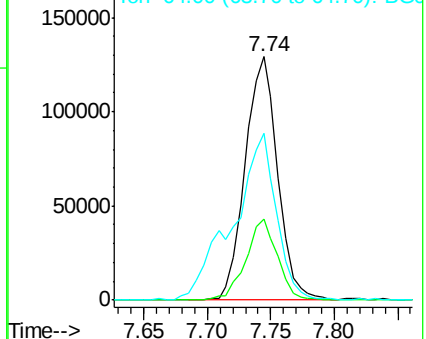
128 100

130 33.3 11.4 51.4

64 68.5 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: 44.34 ng

RT: 7.32 min Scan# 762

Delta R.T. -0.02 min

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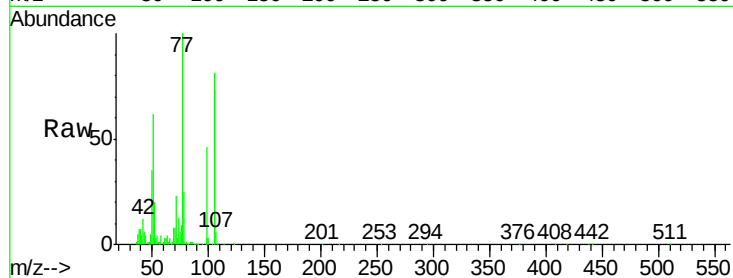
Tgt Ion: 77 Resp: 178183

Ion Ratio Lower Upper

77 100

105 81.0 60.9 100.9

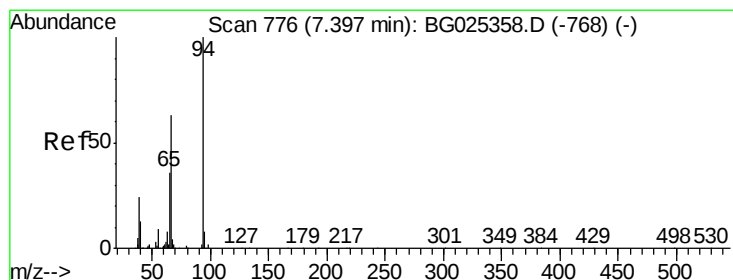
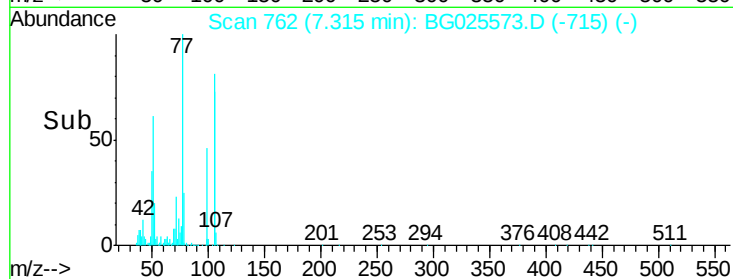
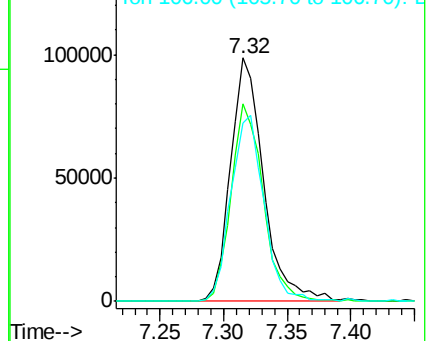
106 73.5 55.1 95.1



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: 55.32 ng

RT: 7.37 min Scan# 771

Delta R.T. -0.02 min

Lab File: BG025573.D

Acq: 21 Jan 2017 14:44

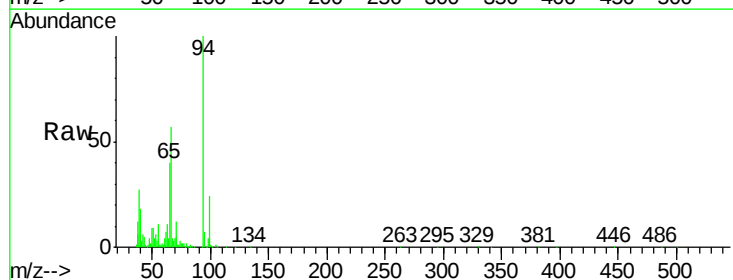
Tgt Ion: 94 Resp: 336778

Ion Ratio Lower Upper

94 100

65 39.5 20.6 60.6

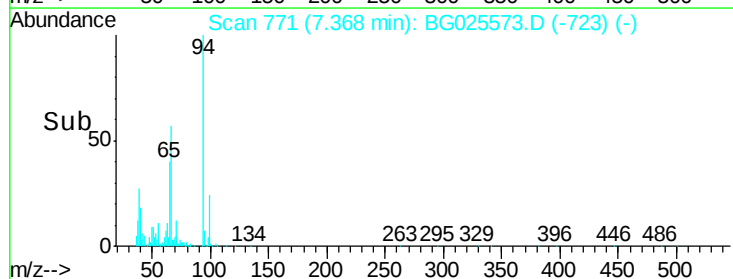
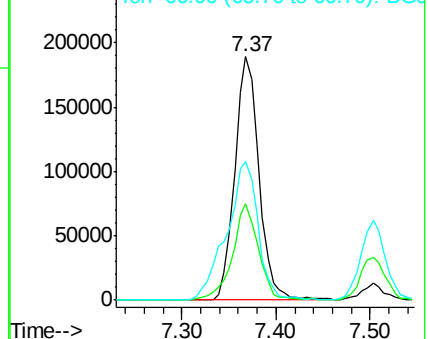
66 57.0 35.5 75.5

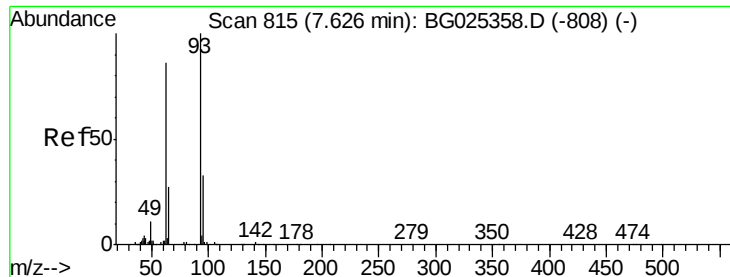


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

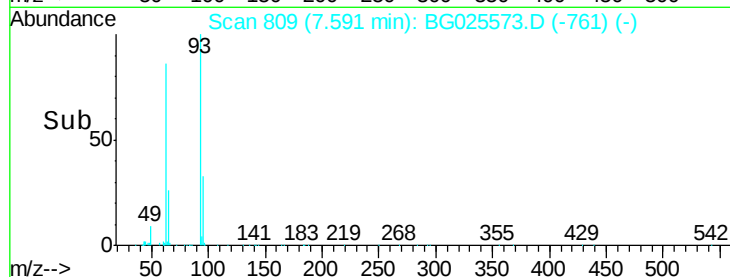
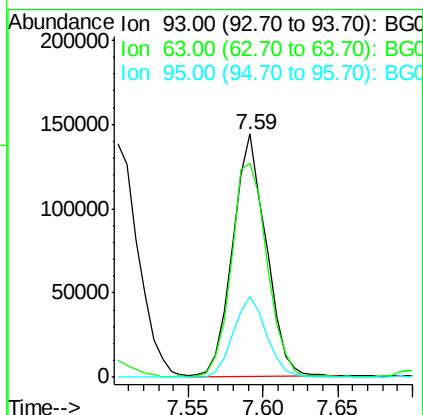
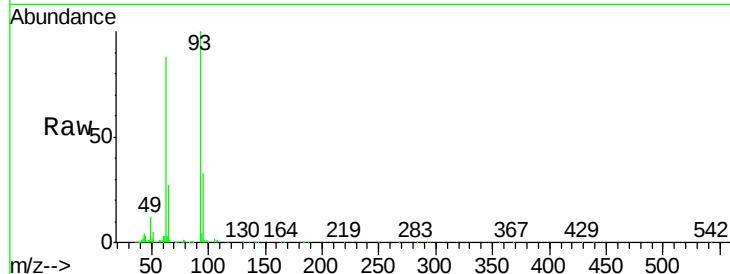




#11
bis(2-Chloroethyl)ether
Concen: 47.87 ng
RT: 7.59 min Scan# 809
Delta R.T. -0.02 min
Lab File: BG025573.D
Acq: 21 Jan 2017 14:44

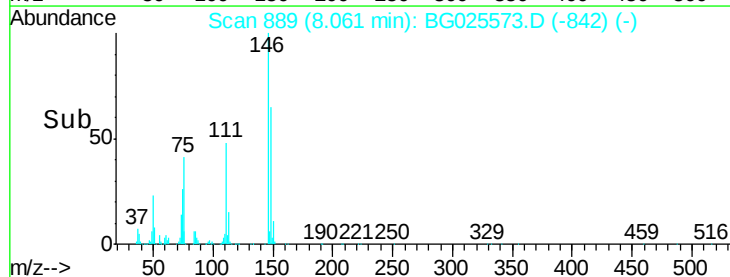
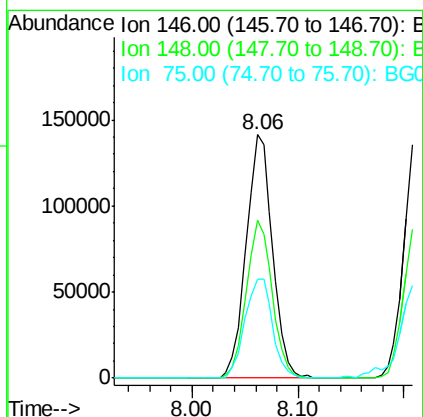
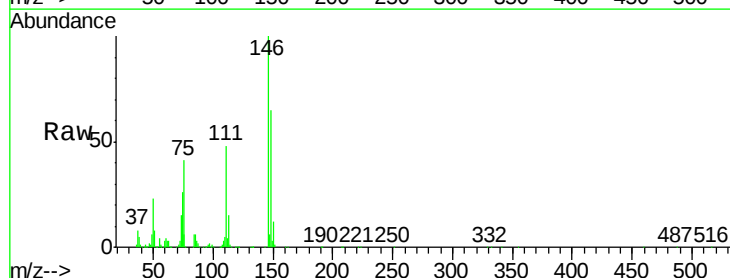
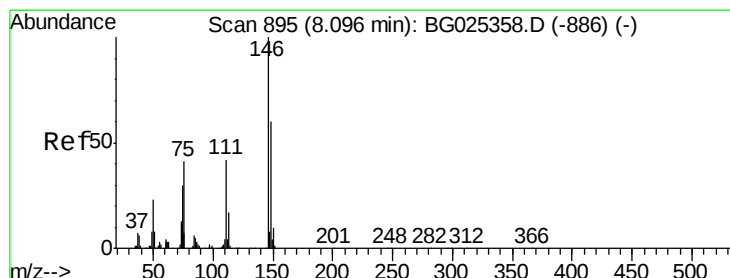
Instrument :
BNA_G
ClientSampleId :
PB96174BS

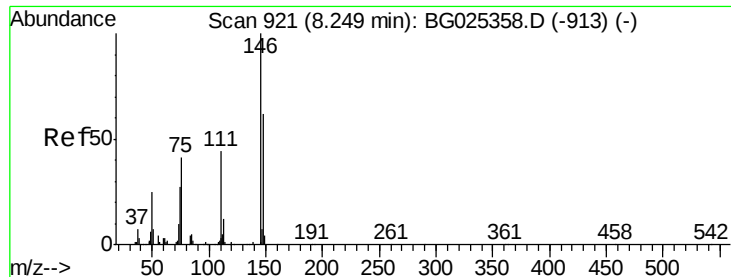
Tgt Ion: 93 Resp: 224546
Ion Ratio Lower Upper
93 100
63 88.0 78.5 118.5
95 33.1 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 46.12 ng
RT: 8.06 min Scan# 889
Delta R.T. -0.02 min
Lab File: BG025573.D
Acq: 21 Jan 2017 14:44

Tgt Ion: 146 Resp: 245522
Ion Ratio Lower Upper
146 100
148 64.8 49.2 73.8
75 40.6 33.4 50.2

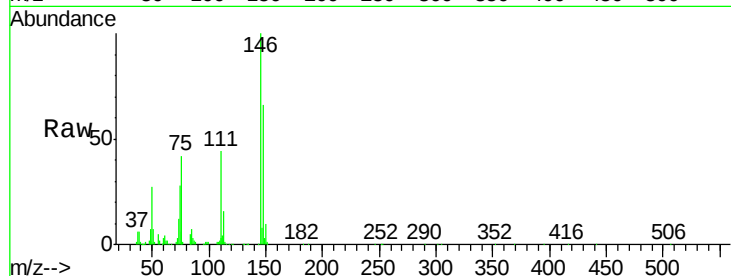




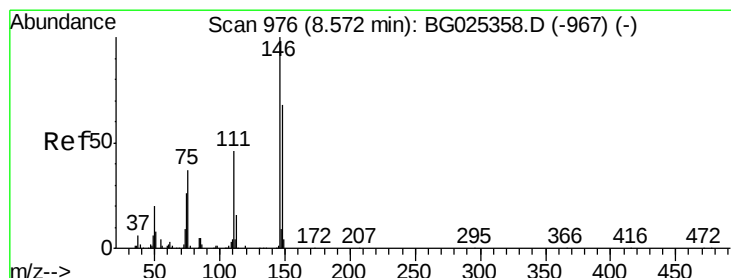
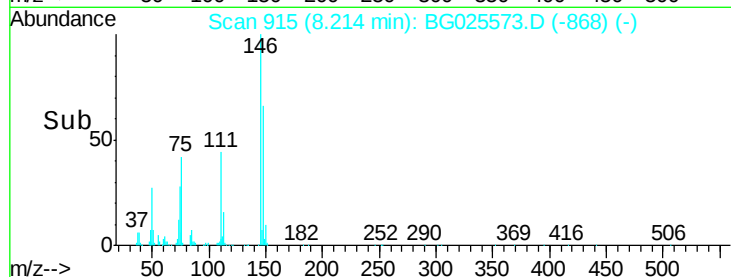
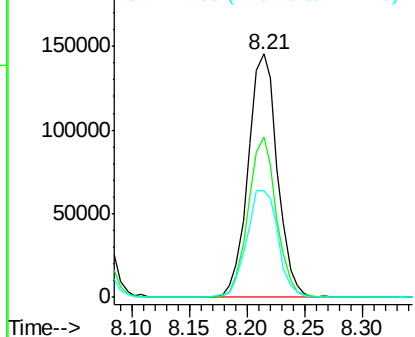
#13
 1,4-Dichlorobenzene
 Concen: 46.52 ng
 RT: 8.21 min Scan# 915
 Delta R.T. -0.02 min
 Lab File: BG025573.D
 Acq: 21 Jan 2017 14:44

Instrument :
 BNA_G
 ClientSampleId :
 PB96174BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.2	78.2
111	43.9	37.0	55.6

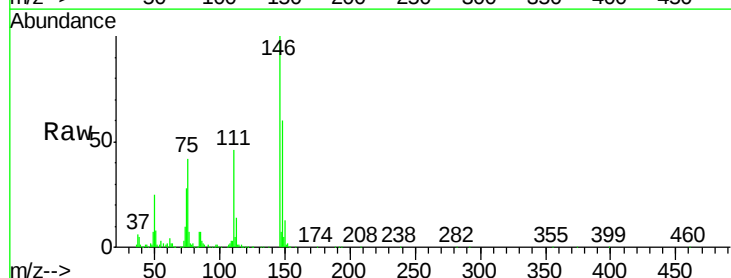


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

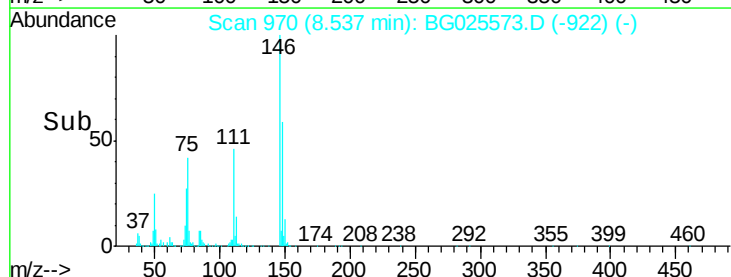
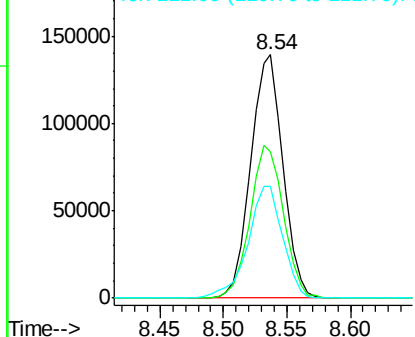


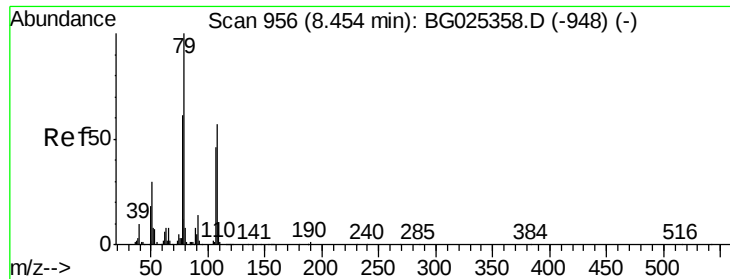
#14
 1,2-Dichlorobenzene
 Concen: 46.68 ng
 RT: 8.54 min Scan# 970
 Delta R.T. -0.02 min
 Lab File: BG025573.D
 Acq: 21 Jan 2017 14:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.9	54.6	81.8
111	46.0	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: 52.33 ng

RT: 8.43 min Scan# 951

Delta R.T. -0.02 min

Lab File: BG025573.D

Acq: 21 Jan 2017 14:44

Instrument :

BNA_G

ClientSampleId :

PB96174BS

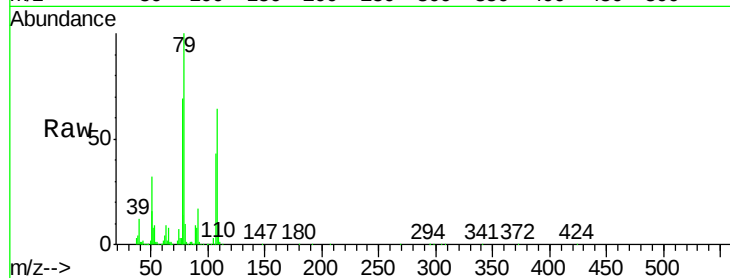
Tgt Ion: 79 Resp: 274374

Ion Ratio Lower Upper

79 100

108 63.7 45.5 68.3

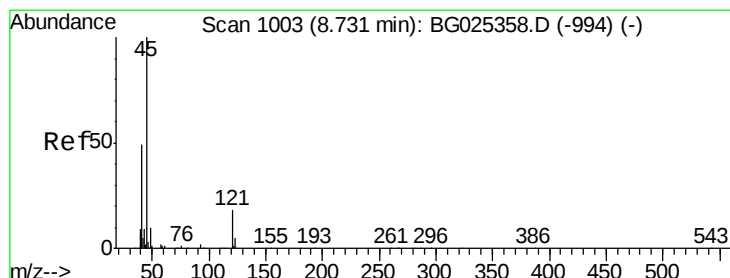
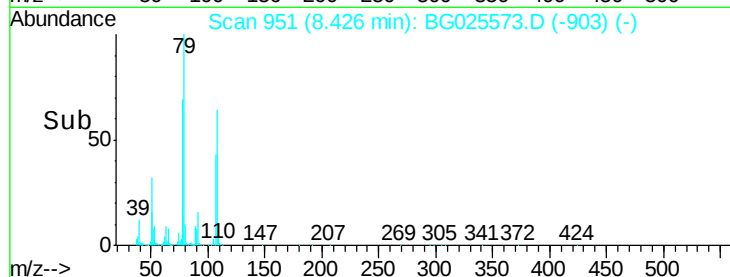
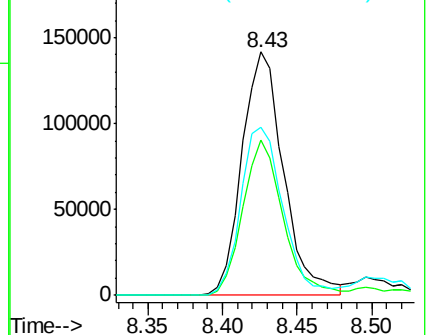
77 69.2 54.3 81.5



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: 49.48 ng

RT: 8.70 min Scan# 998

Delta R.T. -0.02 min

Lab File: BG025573.D

Acq: 21 Jan 2017 14:44

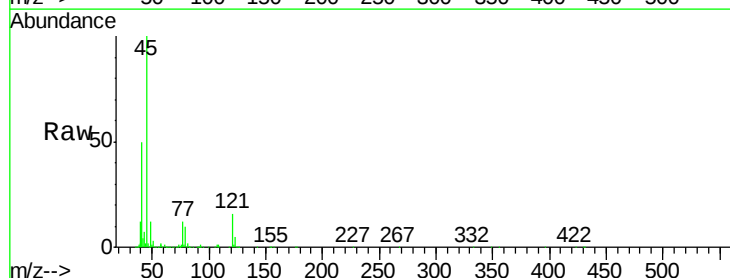
Tgt Ion: 45 Resp: 429839

Ion Ratio Lower Upper

45 100

77 11.6 0.0 30.6

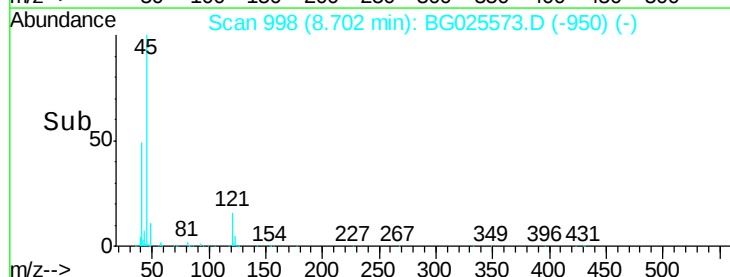
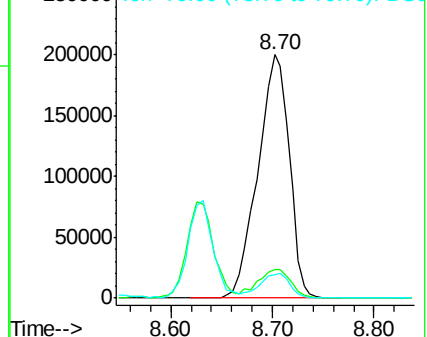
79 9.7 0.0 28.5

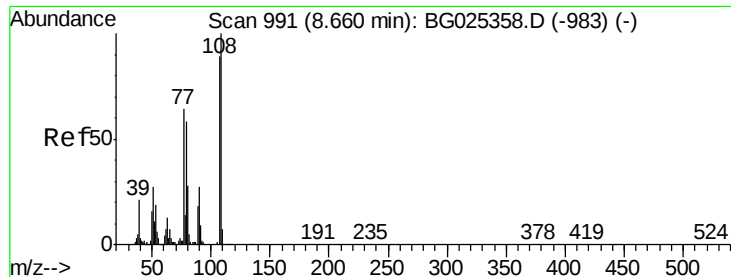


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 53.56 ng

RT: 8.63 min Scan# 986

Delta R.T. -0.02 min

Lab File: BG025573.D

Acq: 21 Jan 2017 14:44

Instrument :

BNA_G

ClientSampleId :

PB96174BS

Tgt Ion:107 Resp: 214140

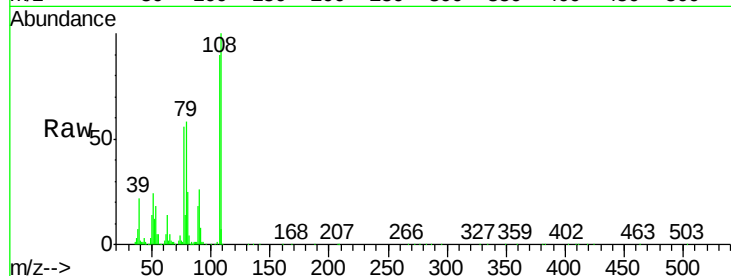
Ion Ratio Lower Upper

107 100

108 111.7 85.6 128.4

77 62.4 51.4 77.2

79 64.8 49.2 73.8

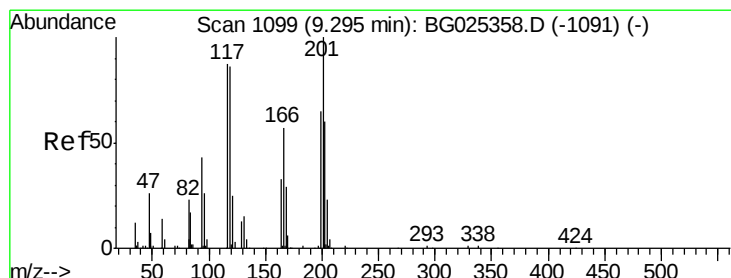
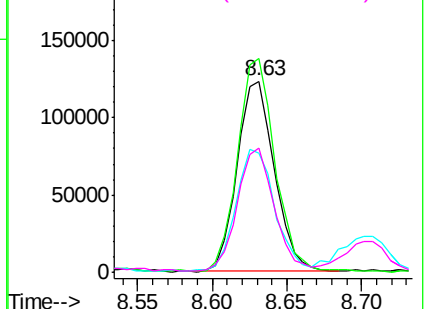
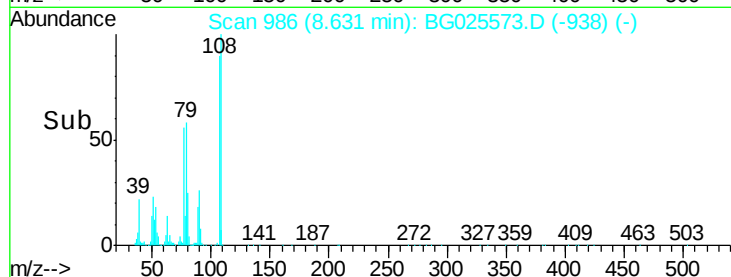


Abundance Ion 107.00 (106.70 to 107.70): E

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: 46.39 ng

RT: 9.25 min Scan# 1092

Delta R.T. -0.03 min

Lab File: BG025573.D

Acq: 21 Jan 2017 14:44

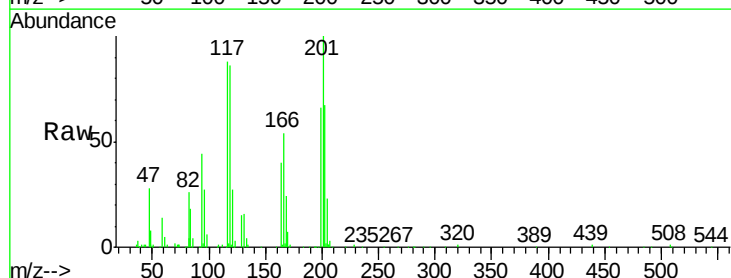
Tgt Ion:117 Resp: 98299

Ion Ratio Lower Upper

117 100

119 98.3 69.8 104.6

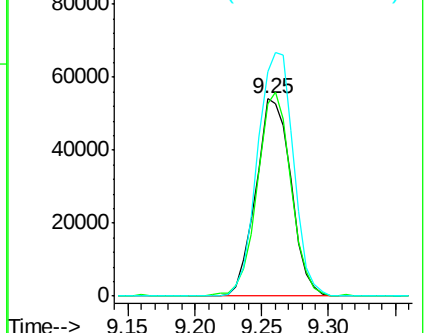
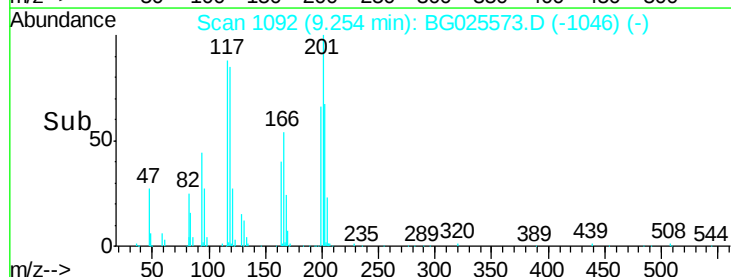
201 113.9 95.4 143.0

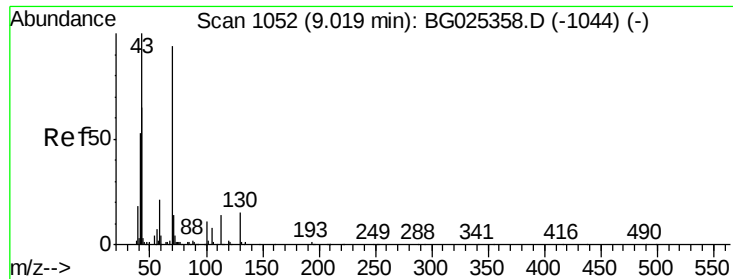


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

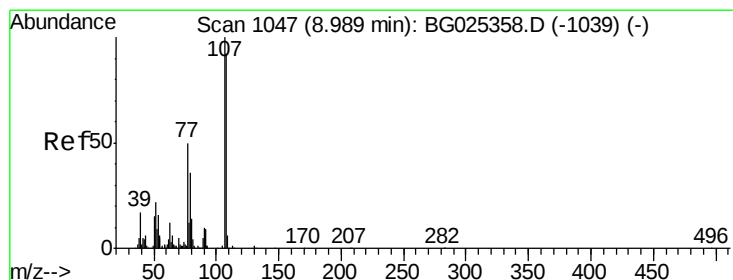
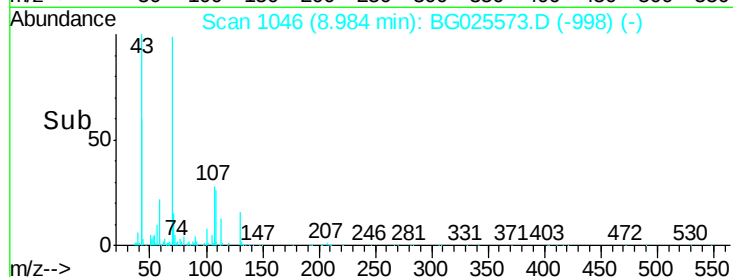
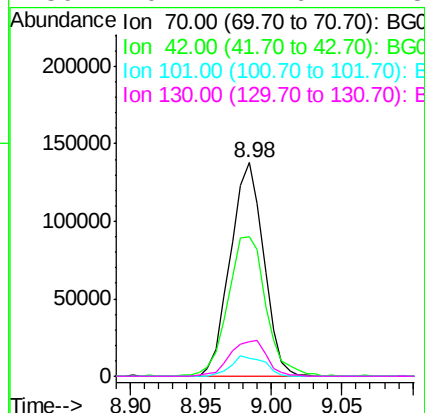
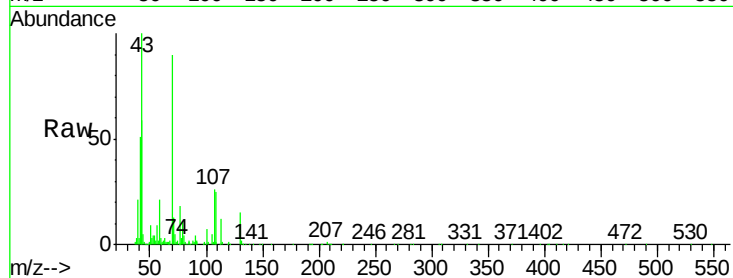




#19
n-Nitroso-di-n-propylamine
Concen: 48.98 ng
RT: 8.98 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BG025573.D
Acq: 21 Jan 2017 14:44

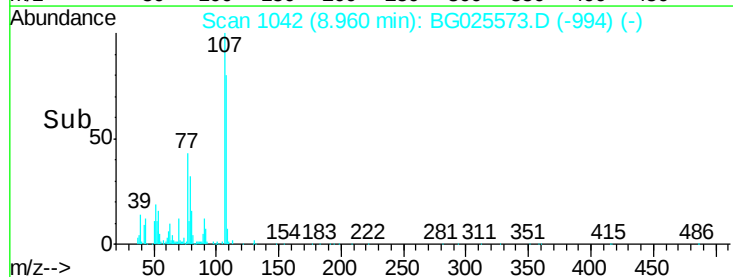
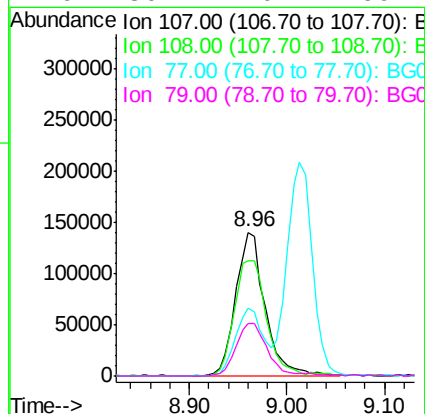
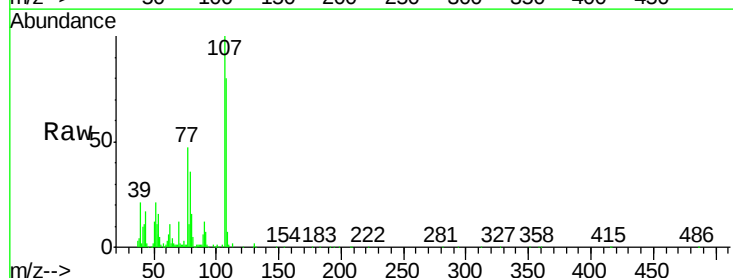
Instrument :
BNA_G
ClientSampleId :
PB96174BS

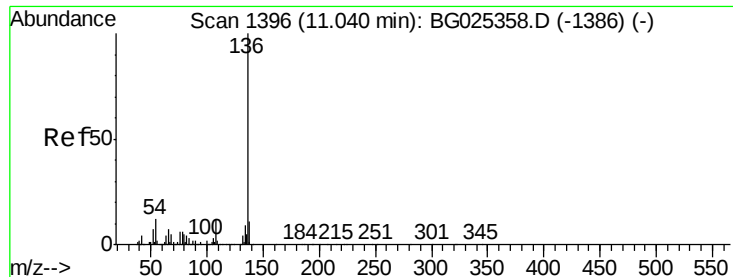
Tgt Ion:	70	Resp:	227199
Ion	Ratio	Lower	Upper
70	100		
42	65.5	56.1	84.1
101	8.3	7.5	11.3
130	16.4	14.6	21.8



#20
3+4-Methylphenols
Concen: 53.37 ng
RT: 8.96 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BG025573.D
Acq: 21 Jan 2017 14:44

Tgt Ion:	107	Resp:	295284
Ion	Ratio	Lower	Upper
107	100		
108	80.1	70.8	110.8
77	47.3	25.8	65.8
79	36.2	20.1	60.1

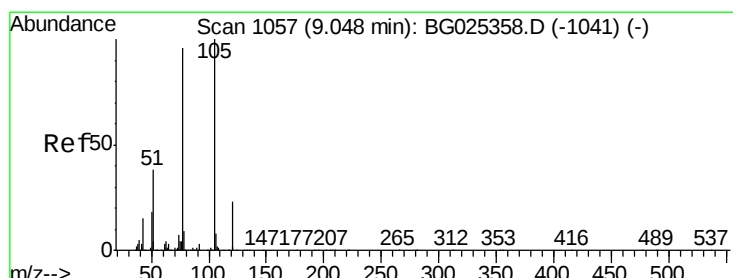
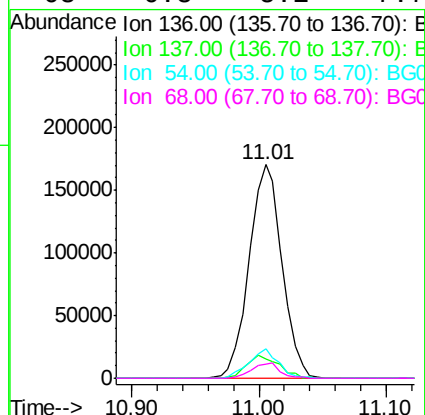
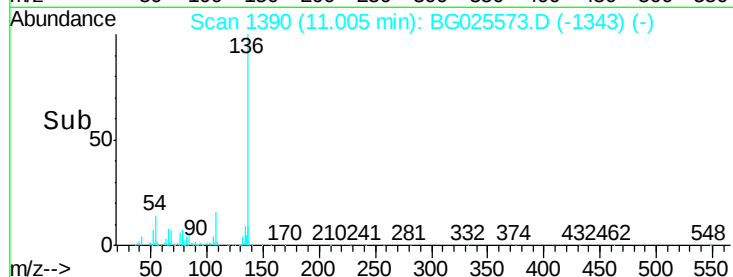
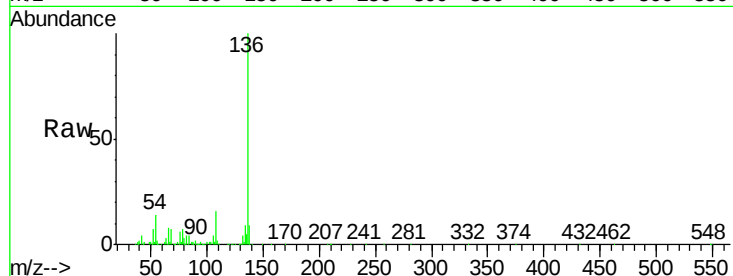




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.01 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BG025573.D
Acq: 21 Jan 2017 14:44

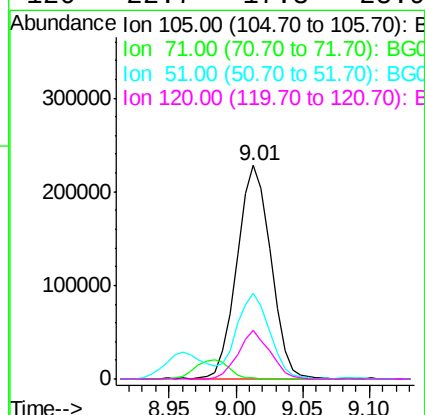
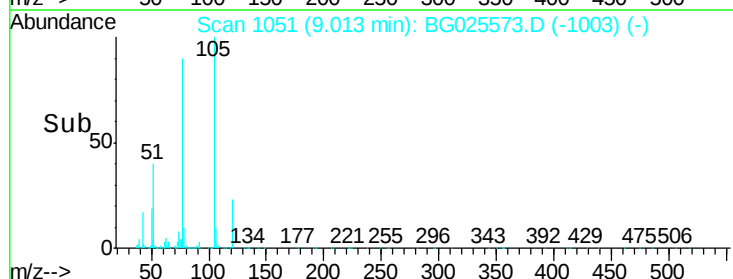
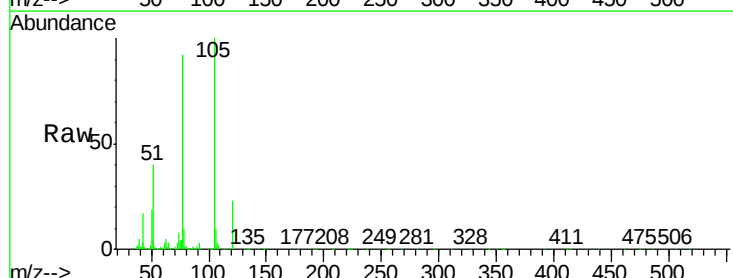
Instrument :
BNA_G
ClientSampleId :
PB96174BS

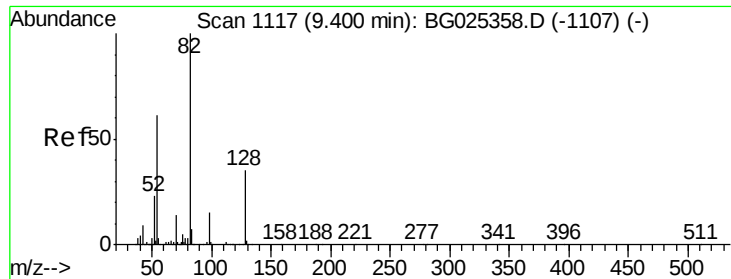
Tgt Ion:	136	Resp:	306340
Ion	Ratio	Lower	Upper
136	100		
137	9.2	8.9	13.3
54	13.6	9.3	13.9
68	6.8	5.1	7.7



#22
Acetophenone
Concen: 46.92 ng
RT: 9.01 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BG025573.D
Acq: 21 Jan 2017 14:44

Tgt Ion:	105	Resp:	399380
Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.9	1.3#
51	40.4	34.0	51.0
120	22.7	17.3	25.9

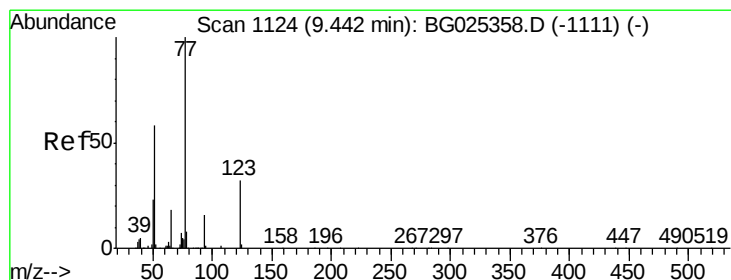
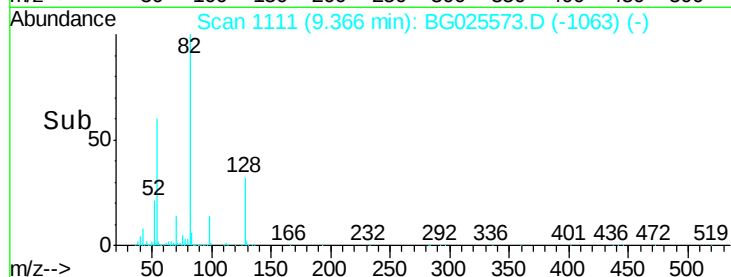
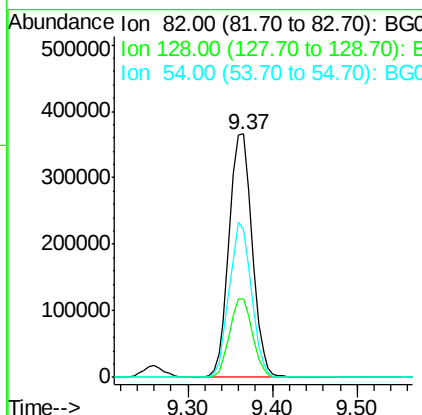
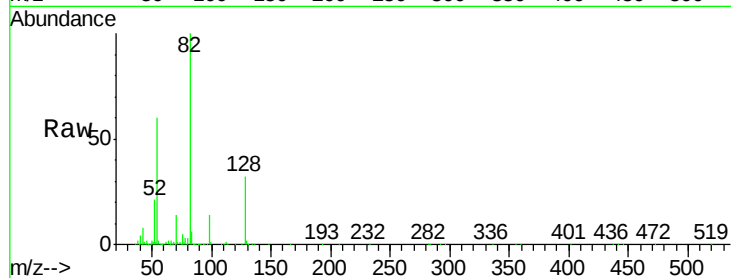




#23
 Nitrobenzene-d5
 Concen: 99.23 ng
 RT: 9.37 min Scan# 1111
 Delta R.T. -0.02 min
 Lab File: BG025573.D
 Acq: 21 Jan 2017 14:44

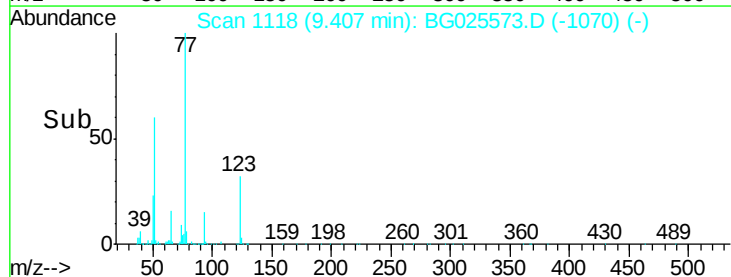
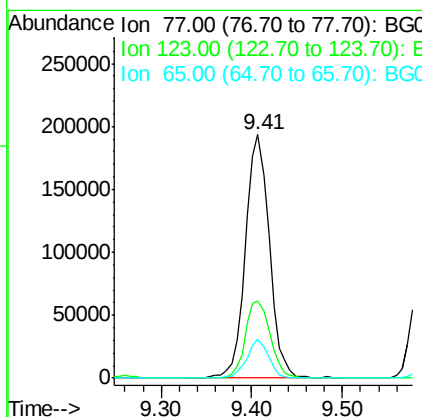
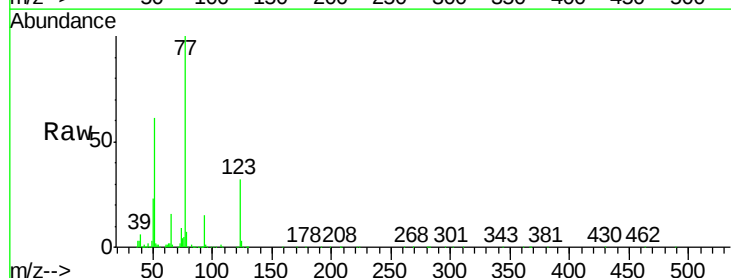
Instrument :
 BNA_G
 ClientSampleId :
 PB96174BS

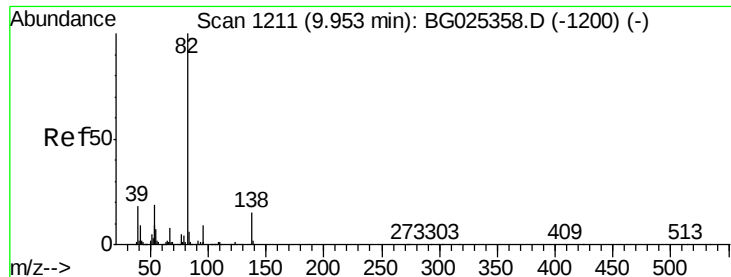
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.2	26.4	39.6
54	60.4	49.4	74.2



#24
 Nitrobenzene
 Concen: 46.23 ng
 RT: 9.41 min Scan# 1118
 Delta R.T. -0.02 min
 Lab File: BG025573.D
 Acq: 21 Jan 2017 14:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	31.5	26.1	39.1
65	16.1	12.4	18.6





#25

Isophorone

Concen: 49.91 ng

RT: 9.92 min Scan# 1205

Delta R.T. -0.02 min

Lab File: BG025573.D

Acq: 21 Jan 2017 14:44

Instrument :

BNA_G

ClientSampleId :

PB96174BS

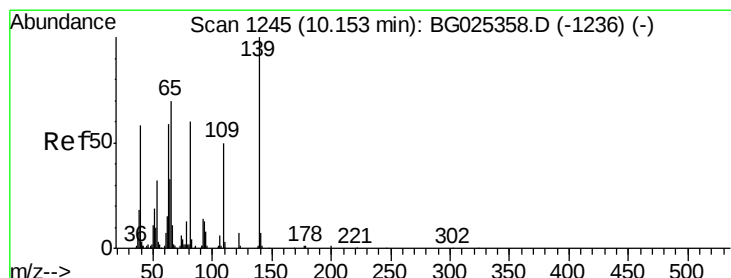
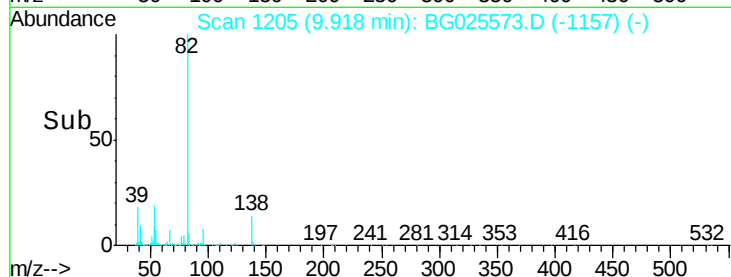
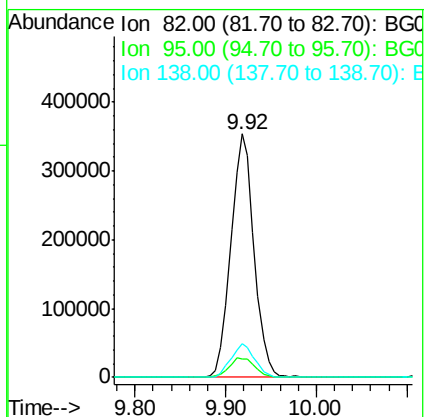
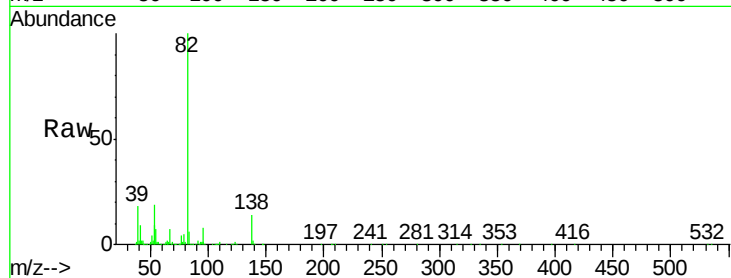
Tgt Ion: 82 Resp: 626677

Ion Ratio Lower Upper

82 100

95 7.8 7.5 11.3

138 13.7 12.3 18.5



#26

2-Nitrophenol

Concen: 49.31 ng

RT: 10.12 min Scan# 1239

Delta R.T. -0.02 min

Lab File: BG025573.D

Acq: 21 Jan 2017 14:44

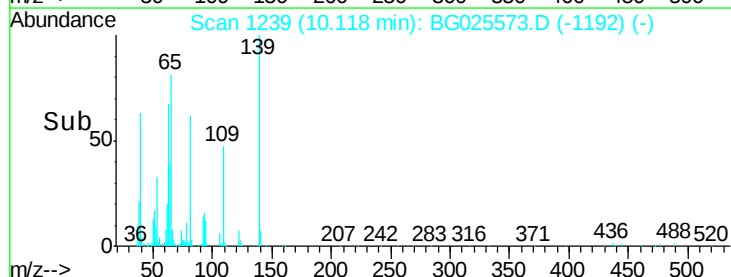
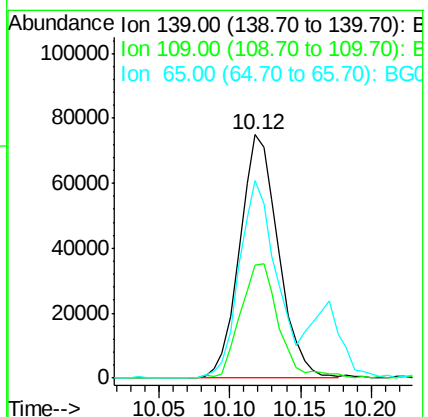
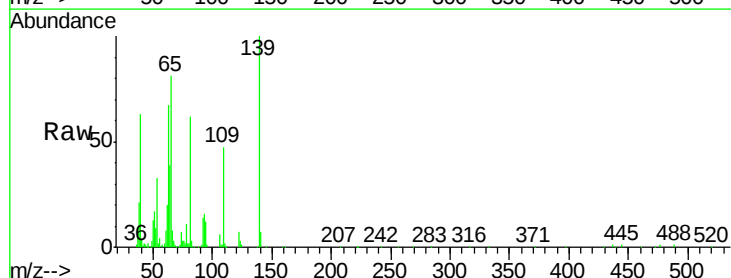
Tgt Ion: 139 Resp: 143451

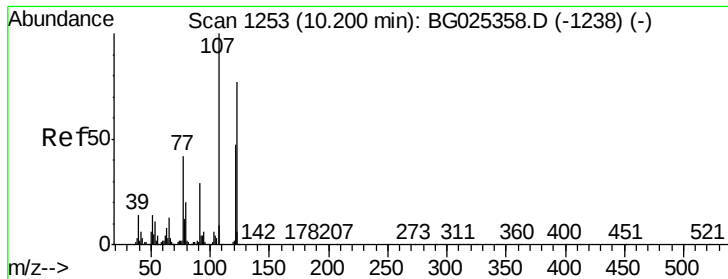
Ion Ratio Lower Upper

139 100

109 46.6 38.6 58.0

65 81.0 57.1 85.7





#27

2,4-Dimethylphenol

Concen: 51.09 ng

RT: 10.16 min Scan# 1247

Delta R.T. -0.02 min

Lab File: BG025573.D

Acq: 21 Jan 2017 14:44

Instrument :

BNA_G

ClientSampleId :

PB96174BS

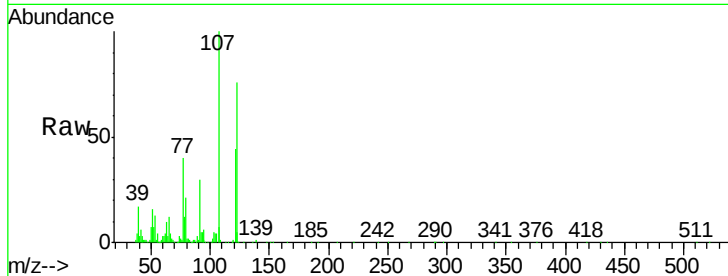
Tgt Ion:122 Resp: 244354

Ion Ratio Lower Upper

122 100

107 131.3 104.2 156.4

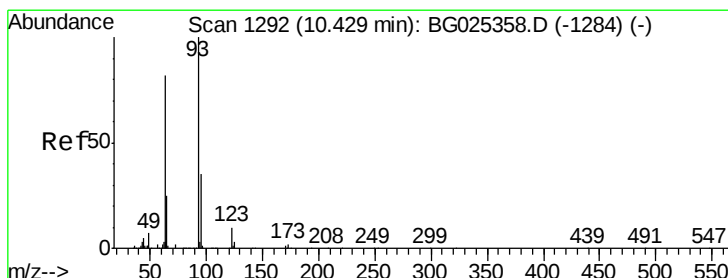
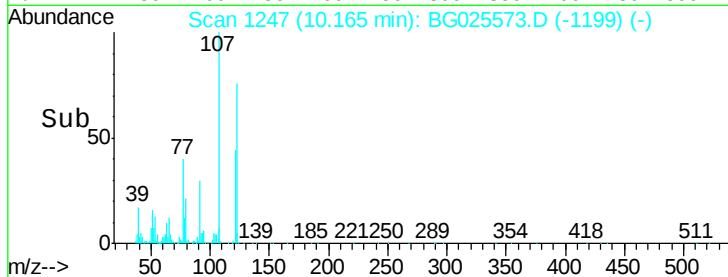
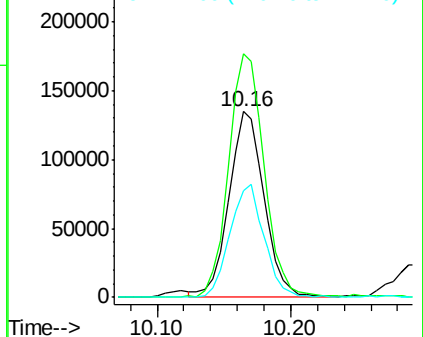
121 57.7 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 51.68 ng

RT: 10.39 min Scan# 1286

Delta R.T. -0.02 min

Lab File: BG025573.D

Acq: 21 Jan 2017 14:44

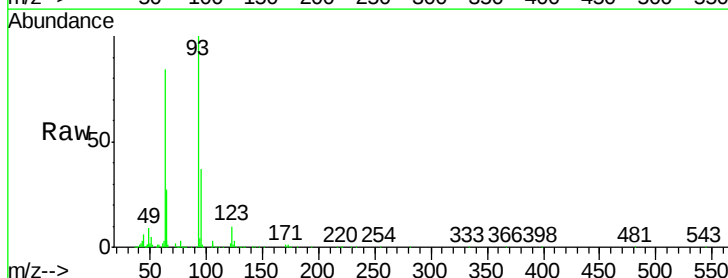
Tgt Ion: 93 Resp: 336995

Ion Ratio Lower Upper

93 100

95 37.2 25.7 38.5

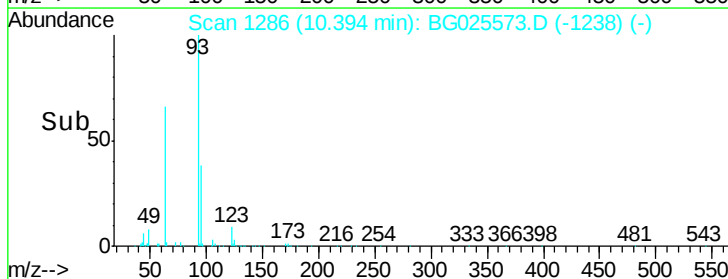
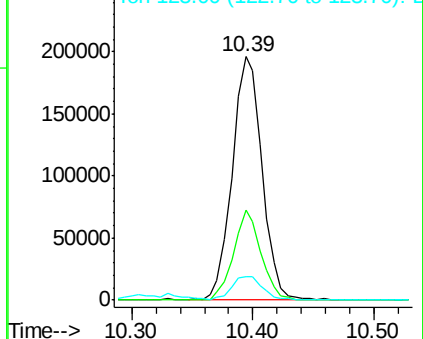
123 9.6 8.3 12.5

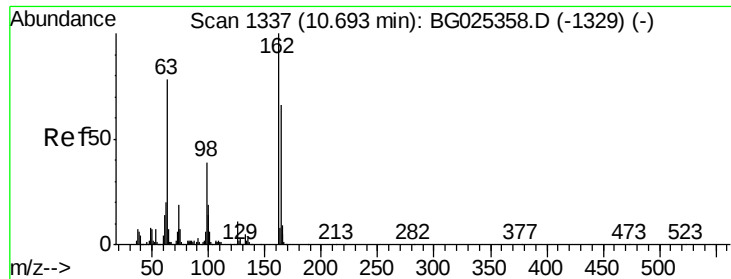


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

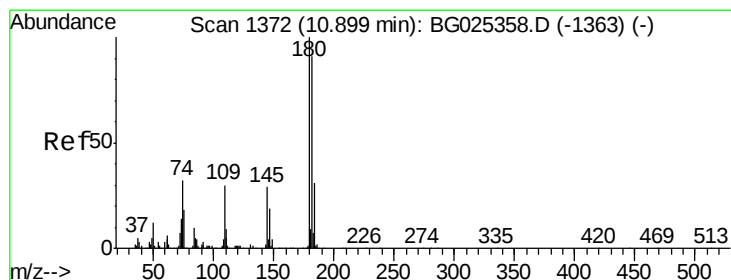
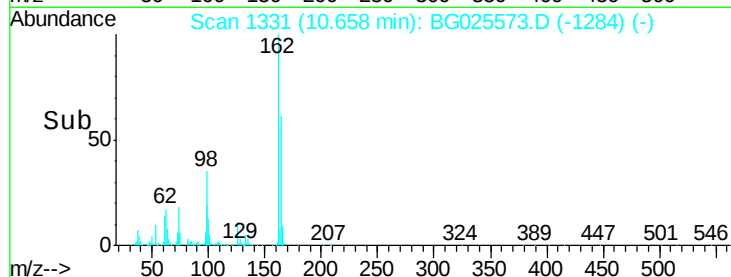
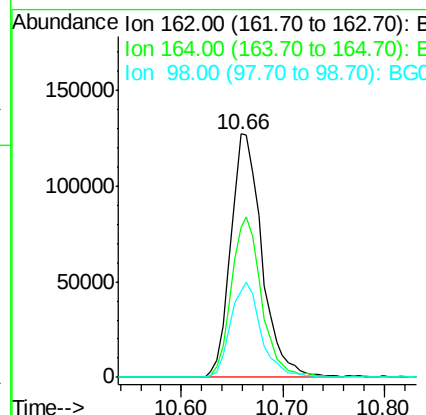
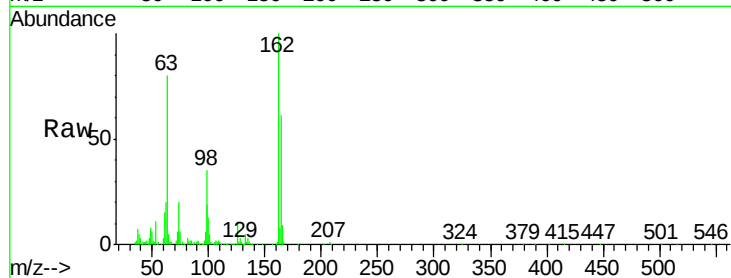




#29
2,4-Dichlorophenol
Concen: 53.14 ng
RT: 10.66 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BG025573.D
Acq: 21 Jan 2017 14:44

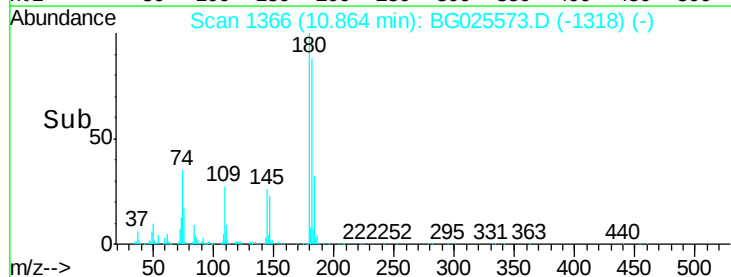
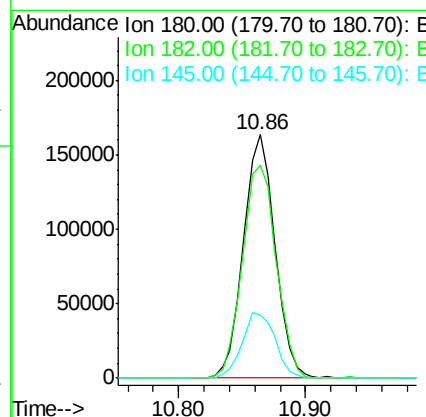
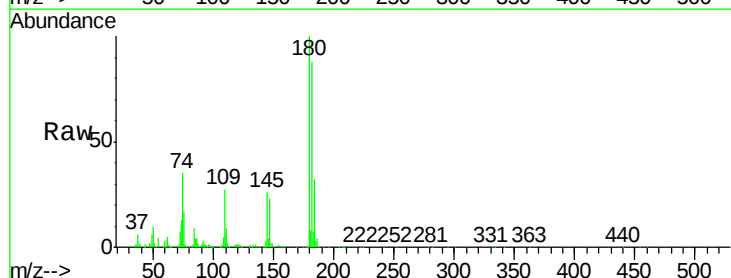
Instrument :
BNA_G
ClientSampleId :
PB96174BS

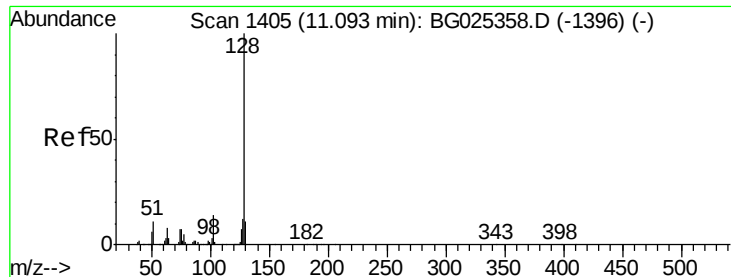
Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.5	42.4	82.4
98	35.3	20.3	60.3



#30
1,2,4-Trichlorobenzene
Concen: 45.69 ng
RT: 10.86 min Scan# 1366
Delta R.T. -0.02 min
Lab File: BG025573.D
Acq: 21 Jan 2017 14:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	87.6	77.0	115.4
145	25.8	23.4	35.0

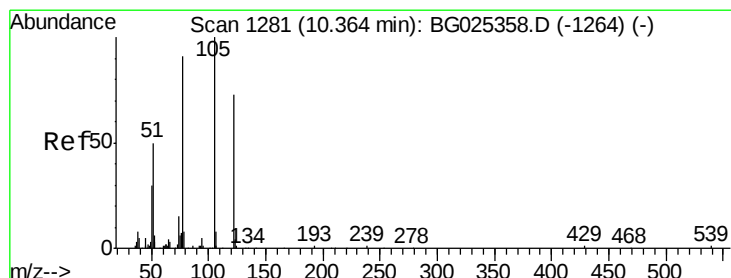
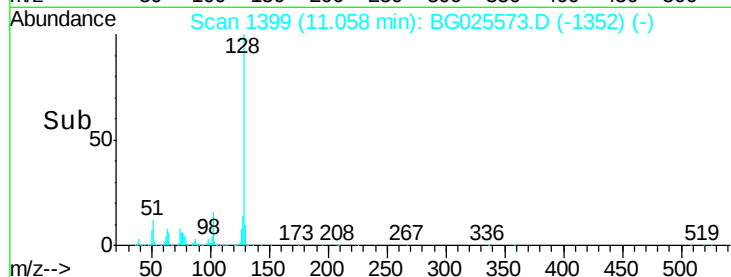
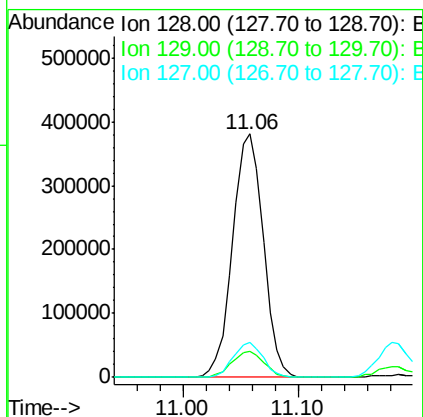
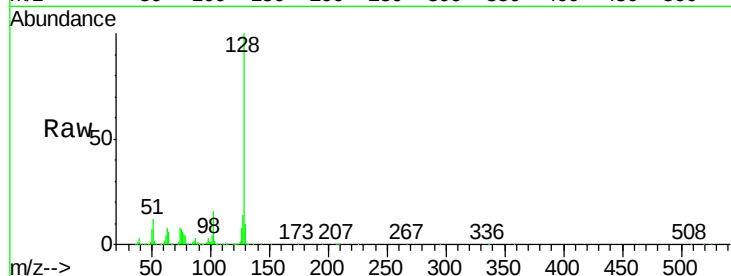




#31
Naphthalene
Concen: 45.96 ng
RT: 11.06 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BG025573.D
Acq: 21 Jan 2017 14:44

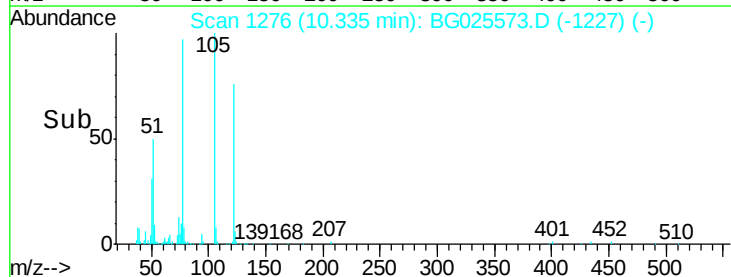
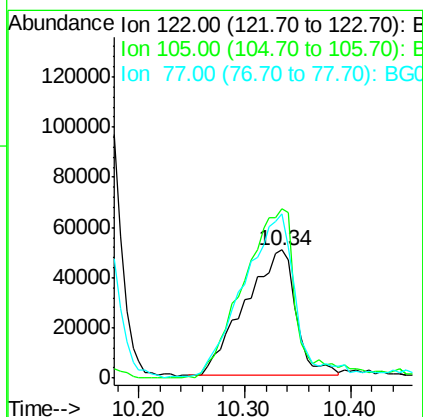
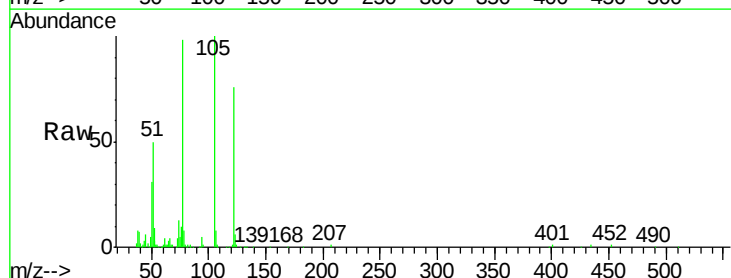
Instrument :
BNA_G
ClientSampleId :
PB96174BS

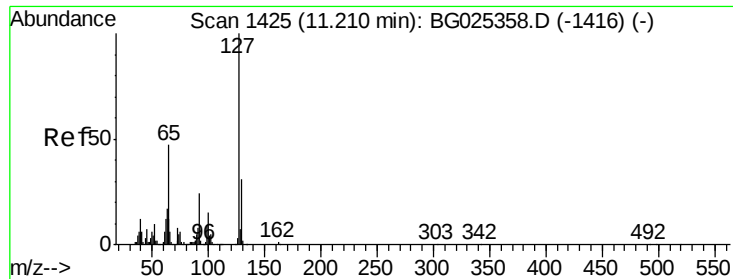
Tgt Ion:128 Resp: 703032
Ion Ratio Lower Upper
128 100
129 10.5 9.3 13.9
127 14.3 11.4 17.0



#32
Benzoic acid
Concen: 43.39 ng
RT: 10.34 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BG025573.D
Acq: 21 Jan 2017 14:44

Tgt Ion:122 Resp: 166871
Ion Ratio Lower Upper
122 100
105 131.6 120.1 160.1
77 128.4 104.6 144.6

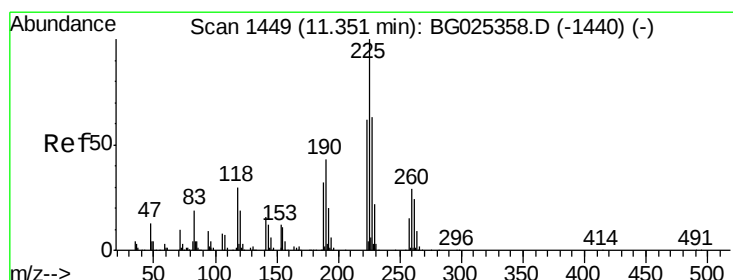
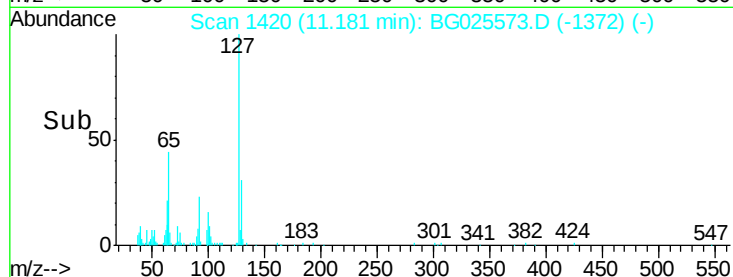
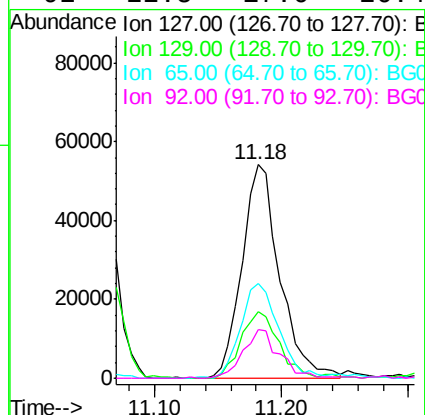
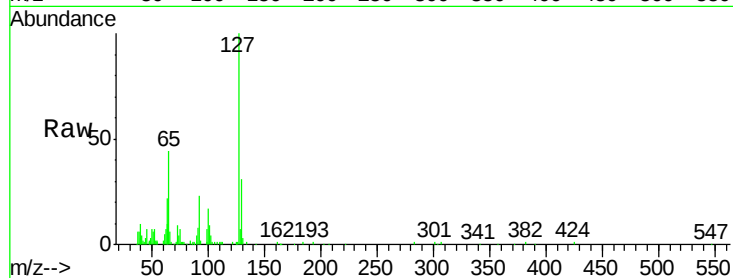




#33
4-Chloroaniline
Concen: 17.42 ng
RT: 11.18 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BG025573.D
Acq: 21 Jan 2017 14:44

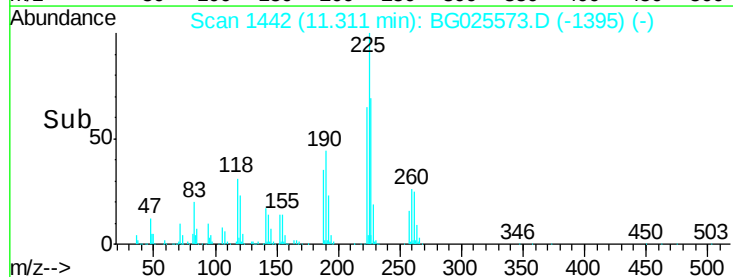
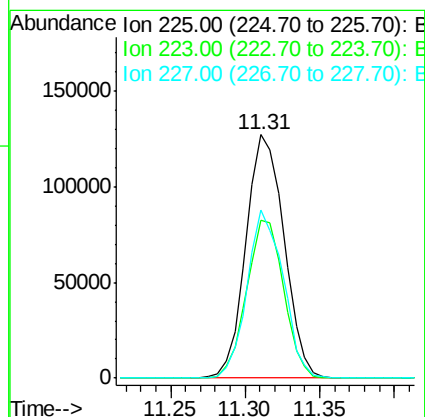
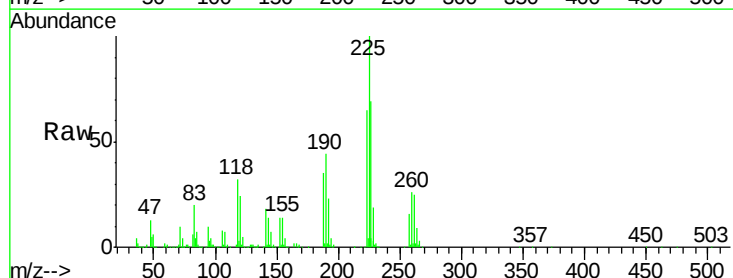
Instrument :
BNA_G
ClientSampleId :
PB96174BS

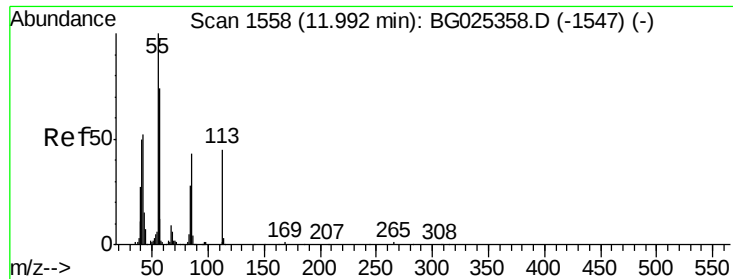
Tgt Ion:	127	Resp:	112111
Ion	Ratio	Lower	Upper
127	100		
129	31.3	23.6	35.4
65	44.4	37.7	56.5
92	22.5	17.6	26.4



#34
Hexachlorobutadiene
Concen: 44.54 ng
RT: 11.31 min Scan# 1442
Delta R.T. -0.02 min
Lab File: BG025573.D
Acq: 21 Jan 2017 14:44

Tgt Ion:	225	Resp:	224769
Ion	Ratio	Lower	Upper
225	100		
223	64.9	50.7	76.1
227	69.0	49.0	73.6





#35

Caprolactam

Concen: 28.92 ng

RT: 11.96 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BG025573.D

Acq: 21 Jan 2017 14:44

Instrument :

BNA_G

ClientSampleId :

PB96174BS

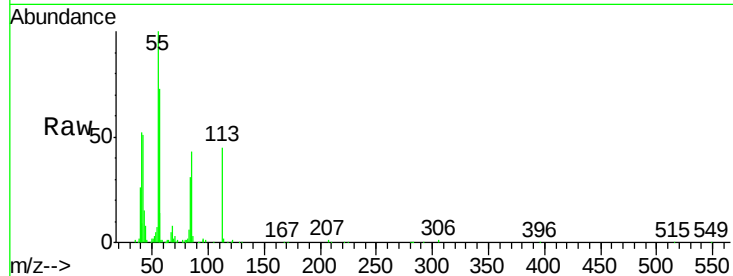
Tgt Ion:113 Resp: 55607

Ion Ratio Lower Upper

113 100

55 220.5 198.6 238.6

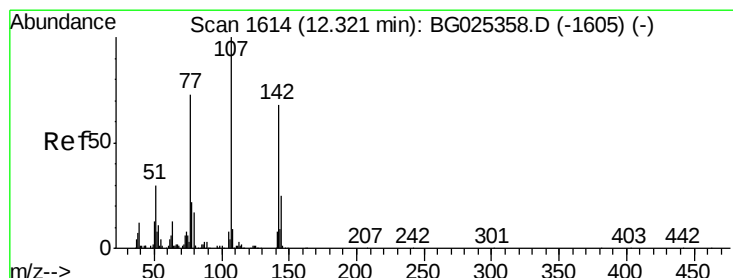
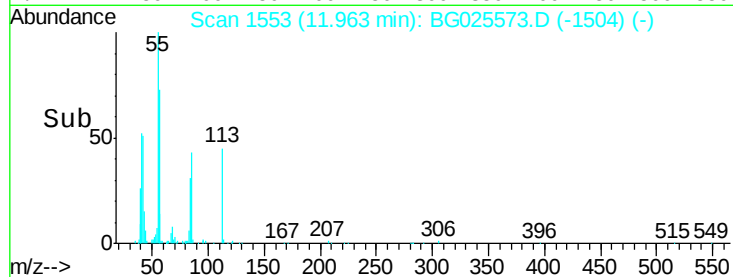
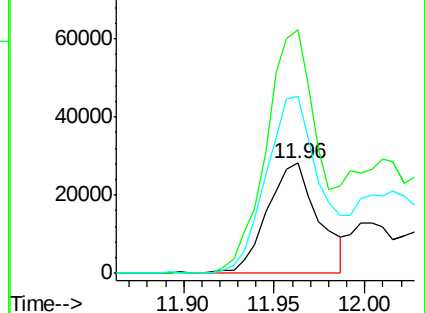
56 160.2 140.4 180.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 49.99 ng

RT: 12.29 min Scan# 1609

Delta R.T. -0.02 min

Lab File: BG025573.D

Acq: 21 Jan 2017 14:44

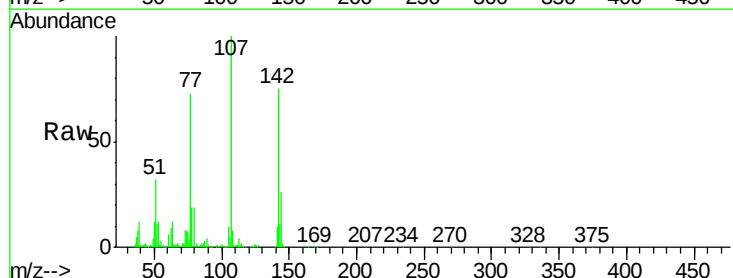
Tgt Ion:107 Resp: 315789

Ion Ratio Lower Upper

107 100

144 25.8 17.4 26.0

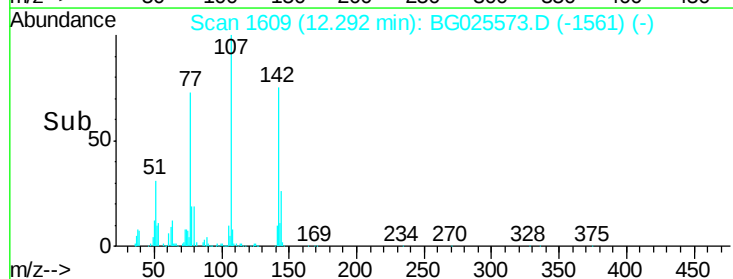
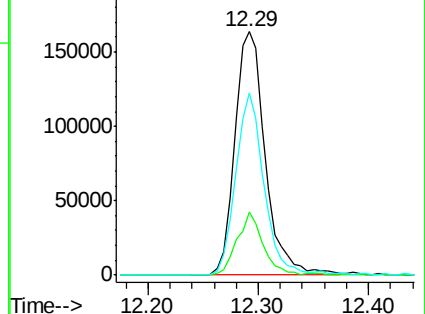
142 74.8 54.1 81.1

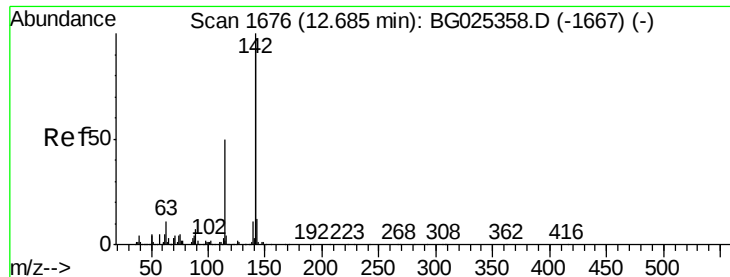


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

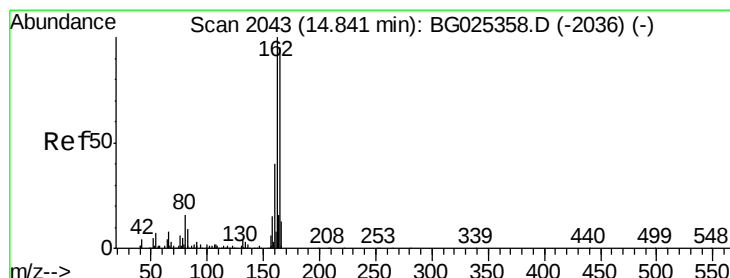
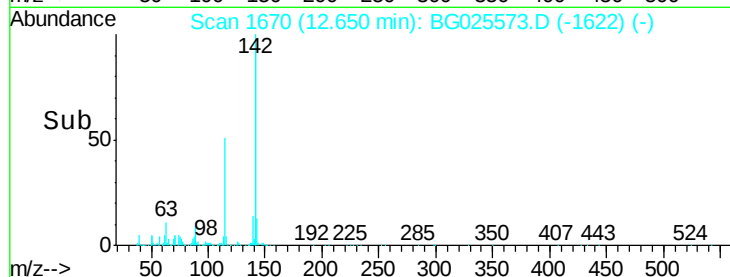
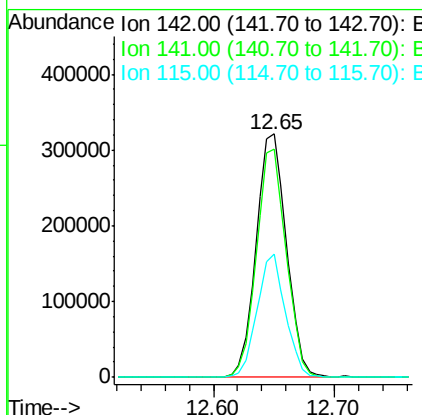
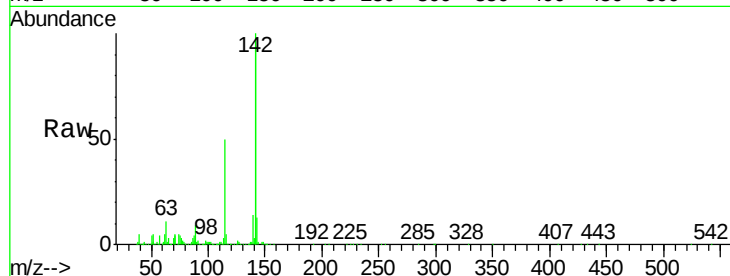




#37
2-Methylnaphthalene
Concen: 49.32 ng
RT: 12.65 min Scan# 1670
Delta R.T. -0.02 min
Lab File: BG025573.D
Acq: 21 Jan 2017 14:44

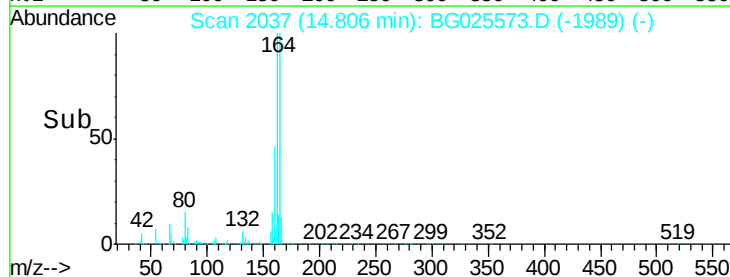
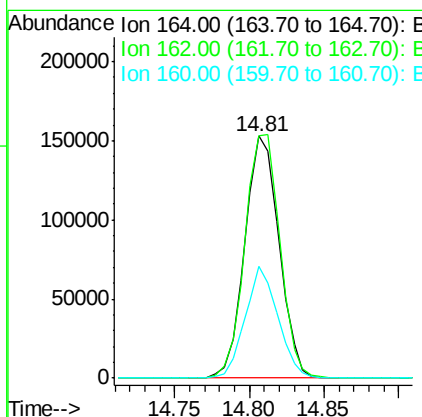
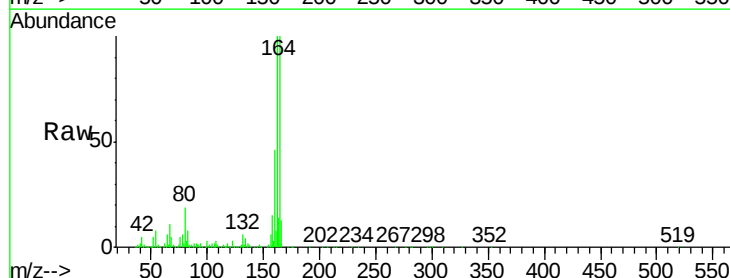
Instrument :
BNA_G
ClientSampleId :
PB96174BS

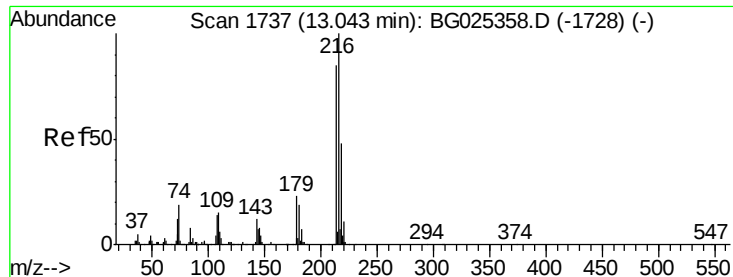
Tgt Ion:142 Resp: 559124
Ion Ratio Lower Upper
142 100
141 93.6 70.4 105.6
115 50.4 35.5 53.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. -0.02 min
Lab File: BG025573.D
Acq: 21 Jan 2017 14:44

Tgt Ion:164 Resp: 242301
Ion Ratio Lower Upper
164 100
162 100.0 85.1 127.7
160 46.2 34.7 52.1

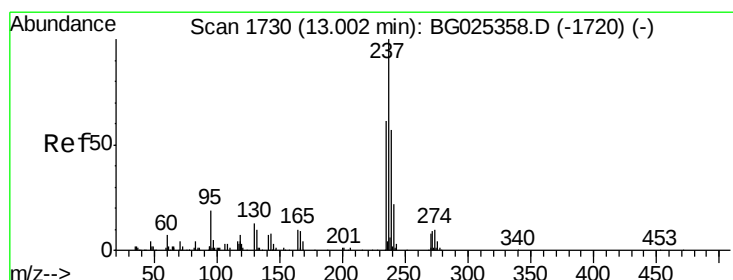
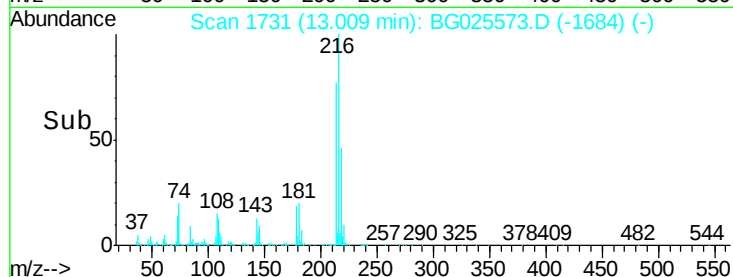
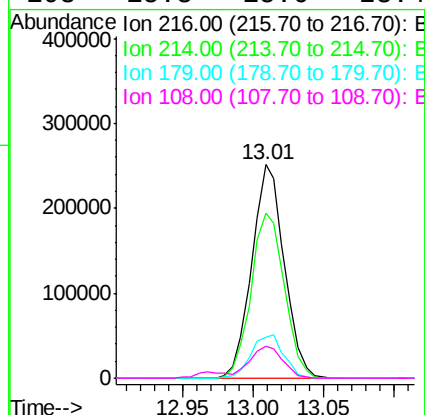
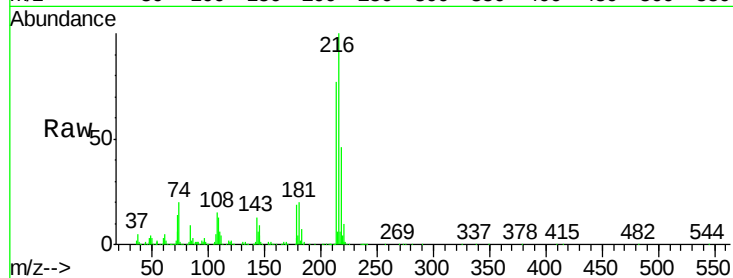




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.67 ng
 RT: 13.01 min Scan# 1731
 Delta R.T. -0.02 min
 Lab File: BG025573.D
 Acq: 21 Jan 2017 14:44

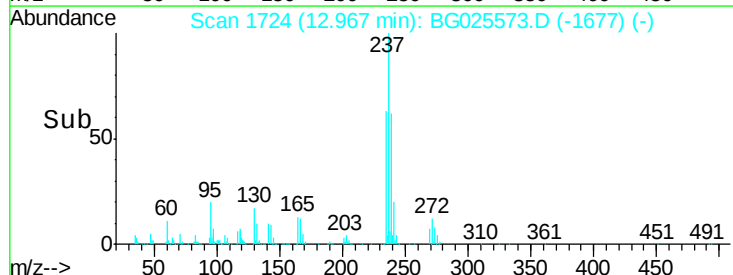
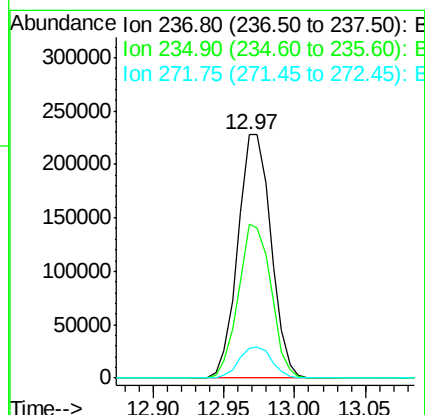
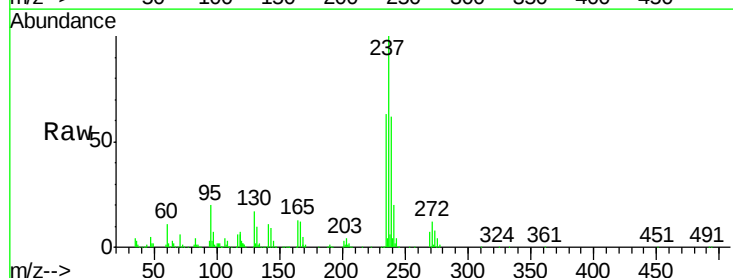
Instrument :
 BNA_G
 ClientSampleId :
 PB96174BS

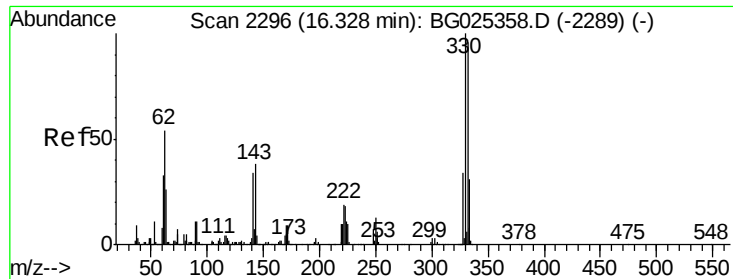
Tgt Ion:	216	Resp:	405370
Ion	Ratio	Lower	Upper
216	100		
214	79.4	64.4	96.6
179	20.7	17.4	26.0
108	15.3	15.6	23.4



#40
 Hexachlorocyclopentadiene
 Concen: 123.00 ng
 RT: 12.97 min Scan# 1724
 Delta R.T. -0.02 min
 Lab File: BG025573.D
 Acq: 21 Jan 2017 14:44

Tgt Ion:	237	Resp:	374364
Ion	Ratio	Lower	Upper
237	100		
235	63.1	39.4	79.4
272	12.4	0.0	32.0

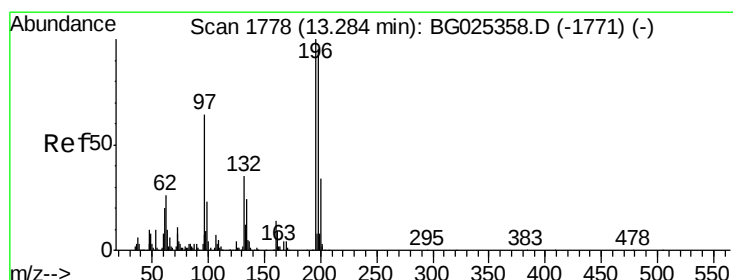
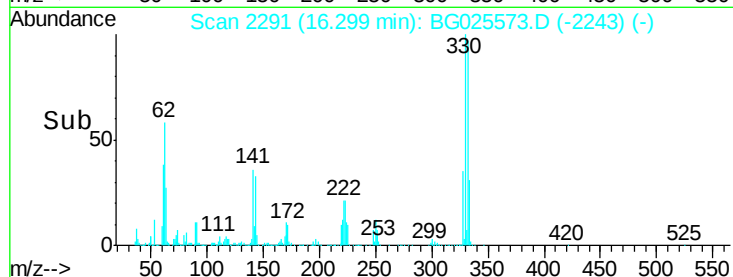
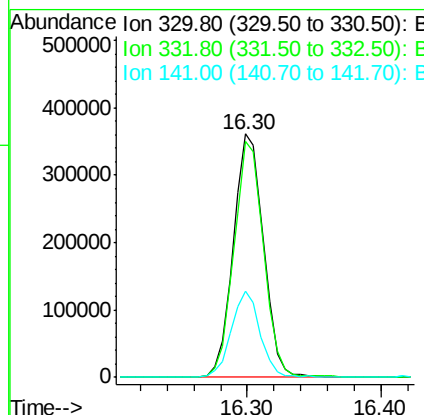
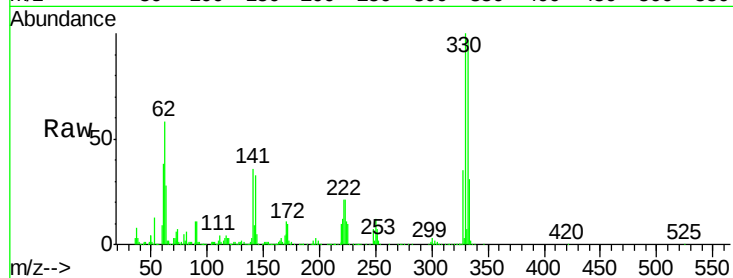




#41
 2,4,6-Tribromophenol
 Concen: 145.99 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.02 min
 Lab File: BG025573.D
 Acq: 21 Jan 2017 14:44

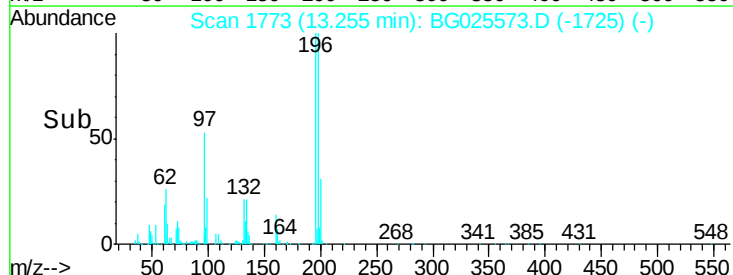
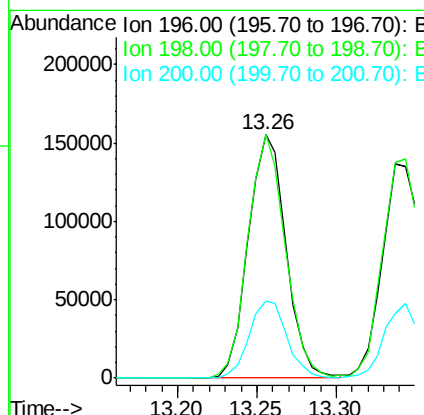
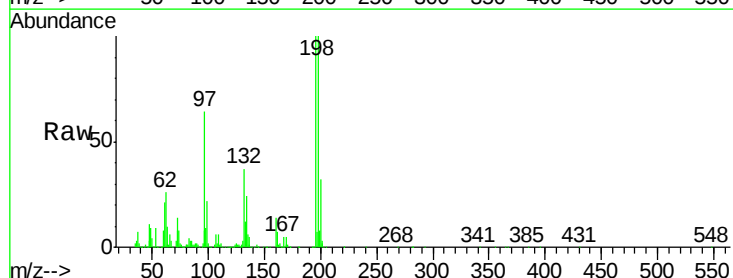
Instrument :
 BNA_G
 ClientSampleId :
 PB96174BS

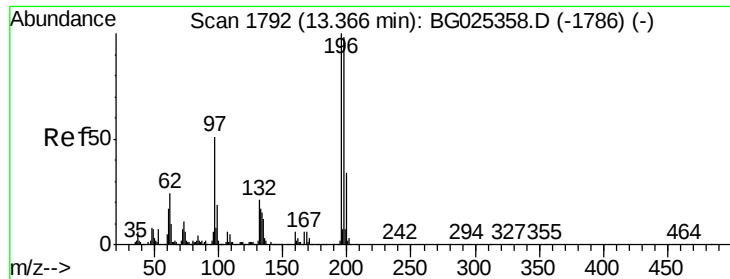
Tgt Ion:330 Resp: 569515
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.3 115.9
 141 34.0 32.1 48.1



#42
 2,4,6-Trichlorophenol
 Concen: 50.92 ng
 RT: 13.26 min Scan# 1773
 Delta R.T. -0.02 min
 Lab File: BG025573.D
 Acq: 21 Jan 2017 14:44

Tgt Ion:196 Resp: 256489
 Ion Ratio Lower Upper
 196 100
 198 100.1 81.4 122.2
 200 31.6 27.0 40.6

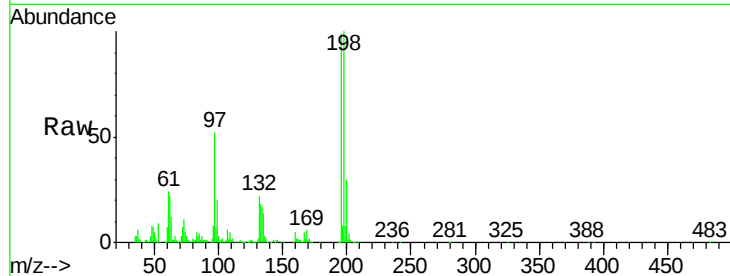




#43
2,4,5-Trichlorophenol
Concen: 47.15 ng
RT: 13.34 min Scan# 1787
Delta R.T. -0.02 min
Lab File: BG025573.D
Acq: 21 Jan 2017 14:44

Instrument :
BNA_G
ClientSampleId :
PB96174BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.0	79.9	119.9
97	52.8	45.4	68.0
132	22.3	20.7	31.1



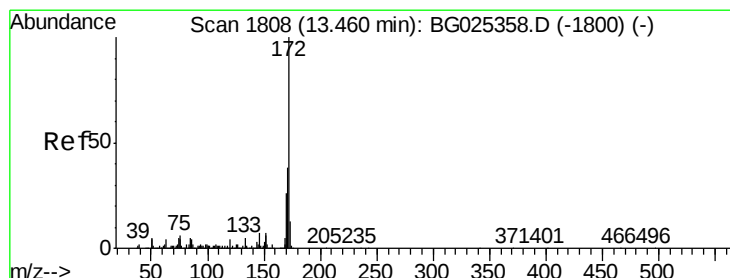
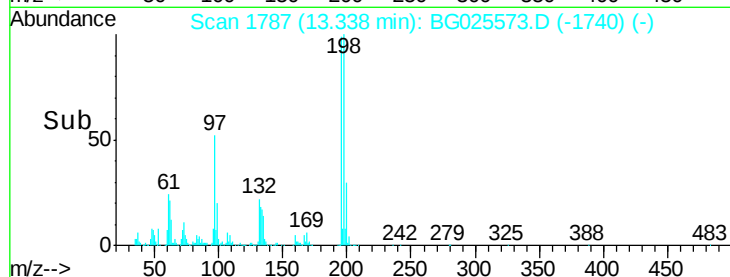
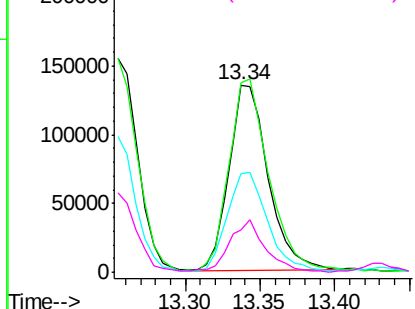
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

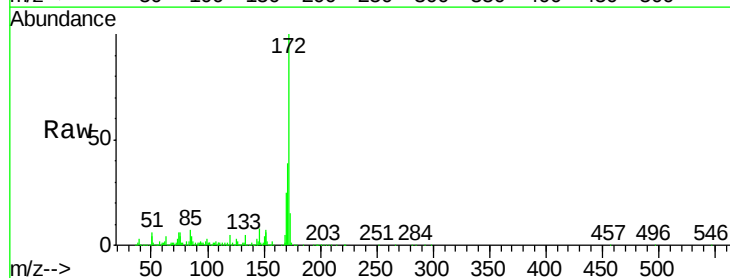
Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 94.17 ng
RT: 13.43 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BG025573.D
Acq: 21 Jan 2017 14:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	32.2	48.2
170	25.3	21.8	32.6

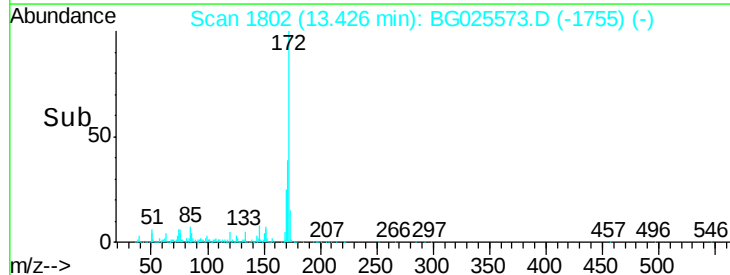
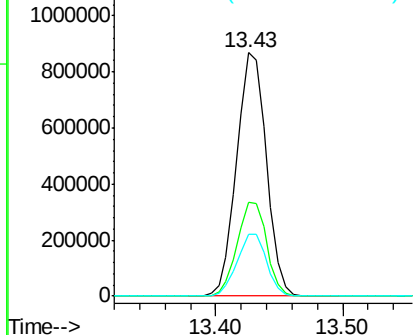


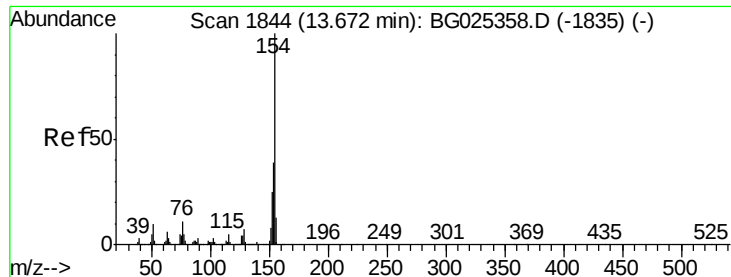
Abundance

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

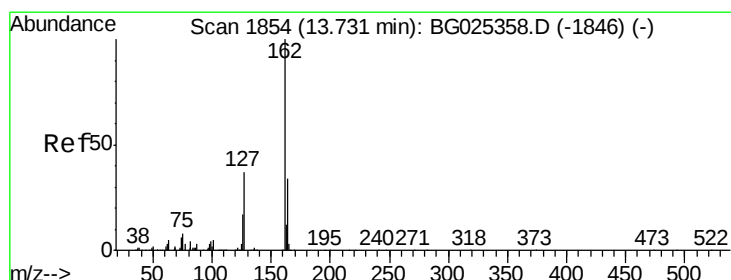
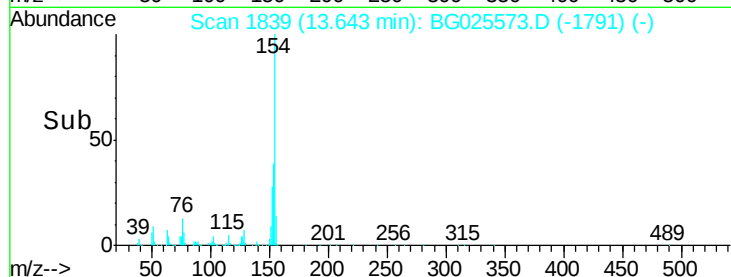
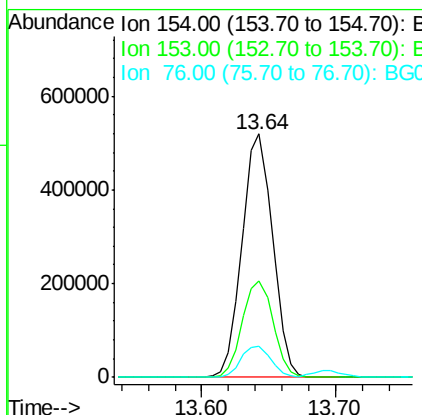
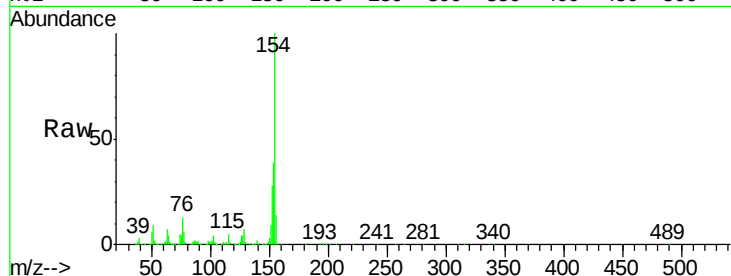




#45
 1,1'-Biphenyl
 Concen: 50.52 ng
 RT: 13.64 min Scan# 1839
 Delta R.T. -0.02 min
 Lab File: BG025573.D
 Acq: 21 Jan 2017 14:44

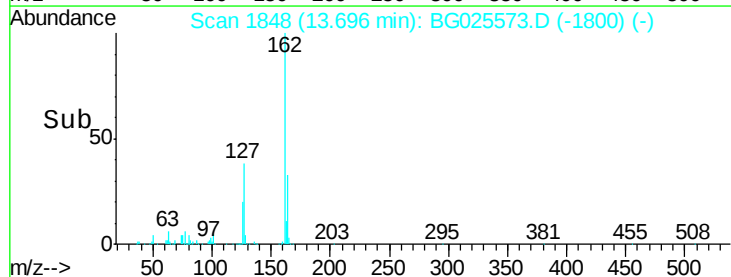
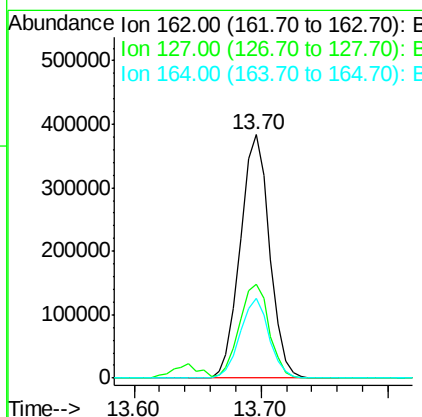
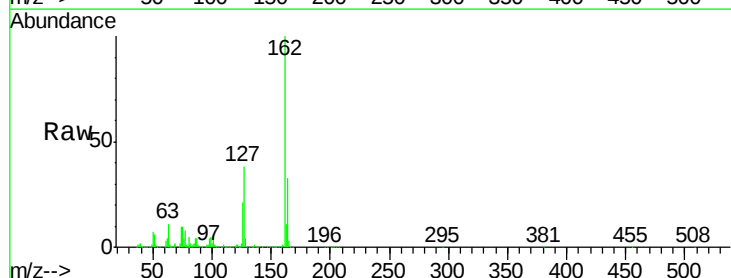
Instrument :
 BNA_G
 ClientSampleId :
 PB96174BS

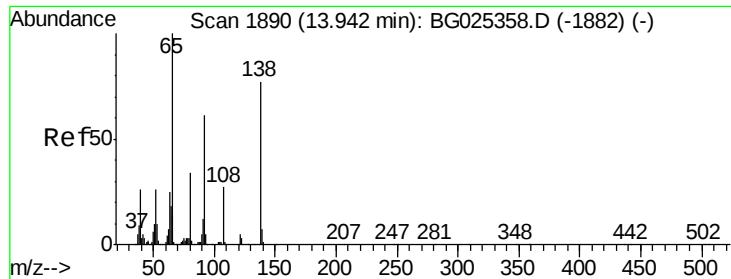
Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.5	23.0	63.0
76	12.9	0.0	33.5



#46
 2-Chloronaphthalene
 Concen: 48.18 ng
 RT: 13.70 min Scan# 1848
 Delta R.T. -0.02 min
 Lab File: BG025573.D
 Acq: 21 Jan 2017 14:44

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.4	32.2	48.4
164	32.9	27.3	40.9

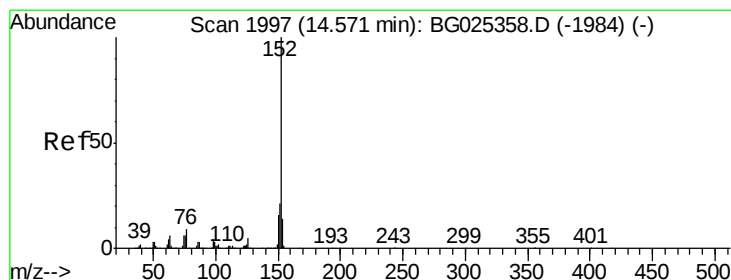
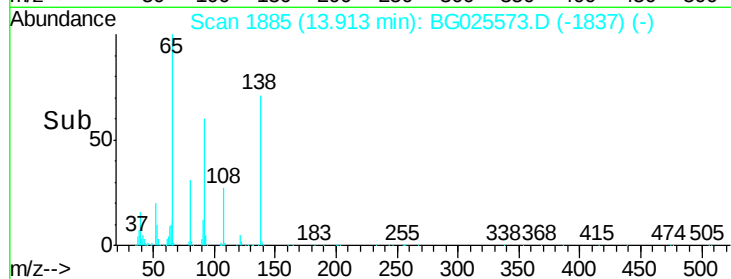
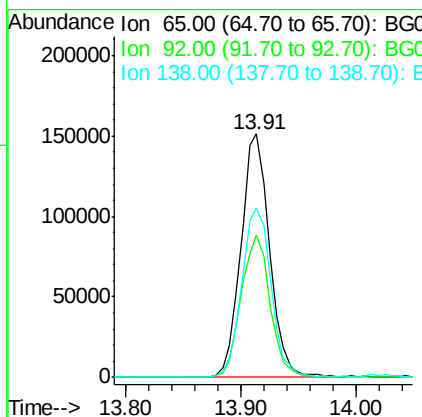
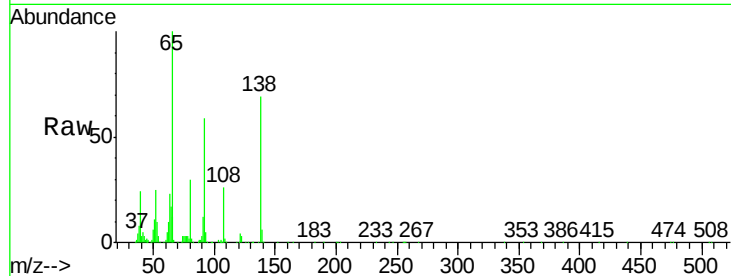




#47
2-Nitroaniline
Concen: 48.36 ng
RT: 13.91 min Scan# 1885
Delta R.T. -0.02 min
Lab File: BG025573.D
Acq: 21 Jan 2017 14:44

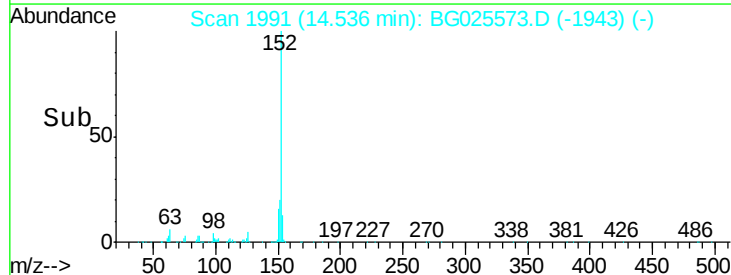
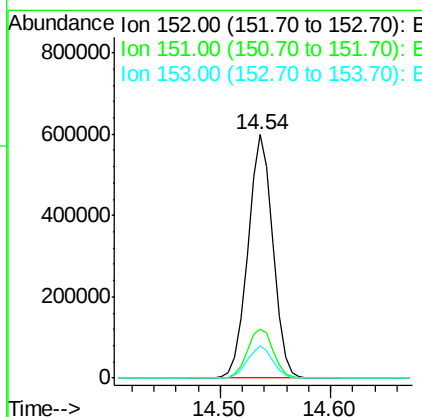
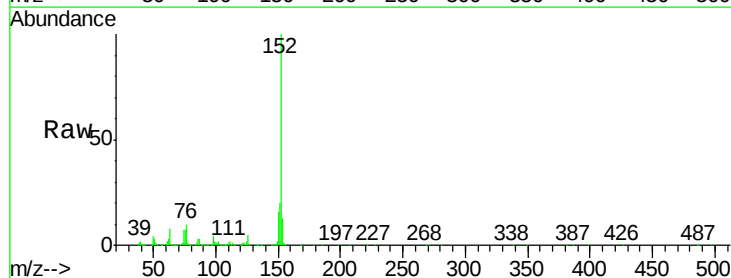
Instrument :
BNA_G
ClientSampleId :
PB96174BS

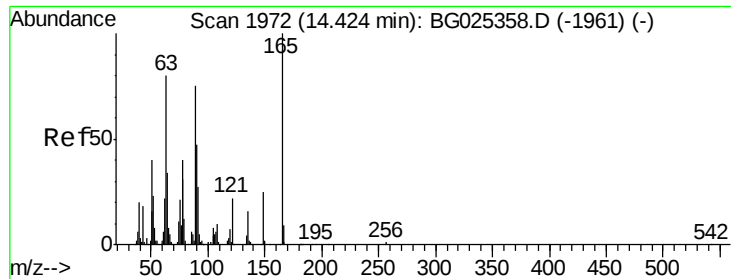
Tgt Ion: 65 Resp: 259898
Ion Ratio Lower Upper
65 100
92 58.5 49.0 73.4
138 69.4 58.6 87.8



#48
Acenaphthylene
Concen: 47.99 ng
RT: 14.54 min Scan# 1991
Delta R.T. -0.02 min
Lab File: BG025573.D
Acq: 21 Jan 2017 14:44

Tgt Ion: 152 Resp: 947021
Ion Ratio Lower Upper
152 100
151 20.2 18.2 27.2
153 13.4 11.3 16.9

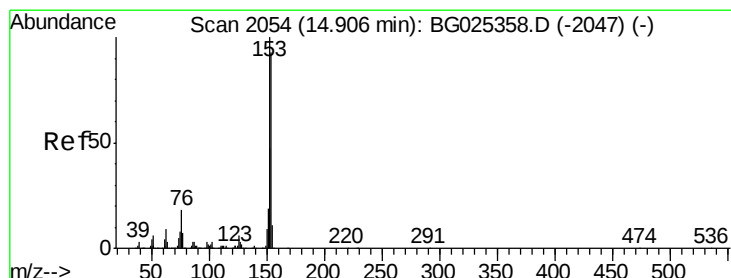
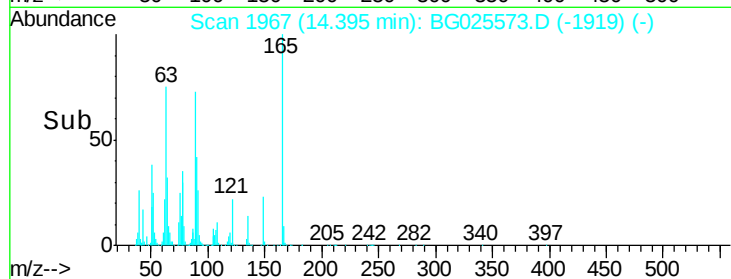
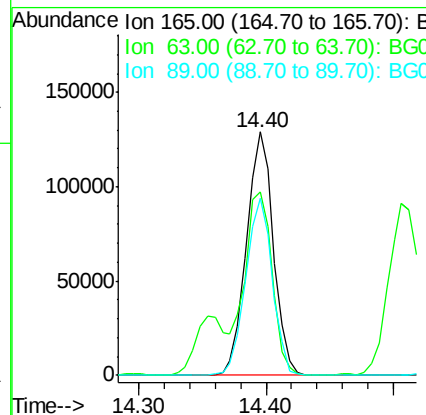
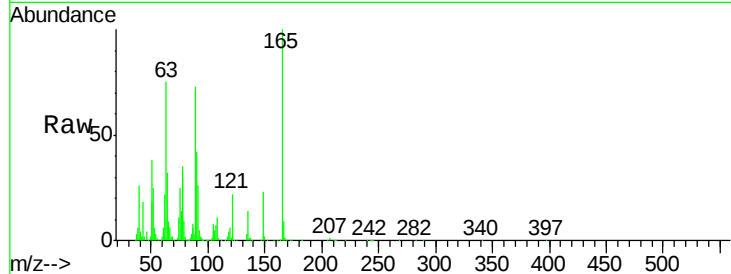




#50
2,6-Dinitrotoluene
Concen: 49.04 ng
RT: 14.40 min Scan# 1967
Delta R.T. -0.02 min
Lab File: BG025573.D
Acq: 21 Jan 2017 14:44

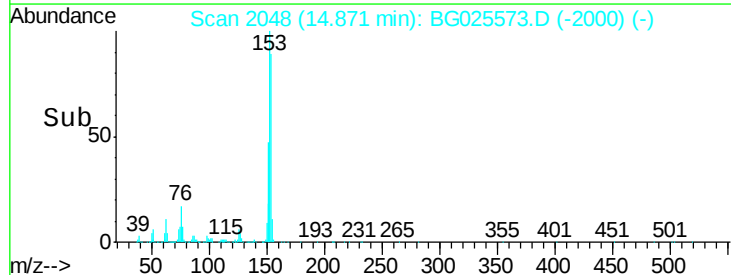
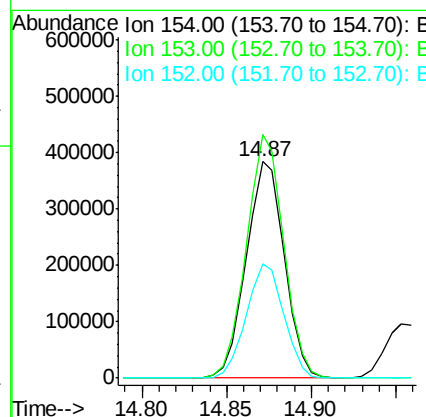
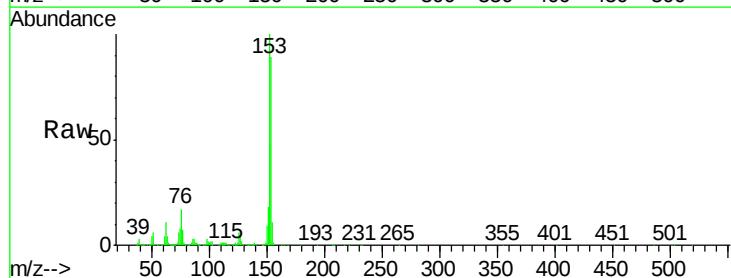
Instrument :
BNA_G
ClientSampleId :
PB96174BS

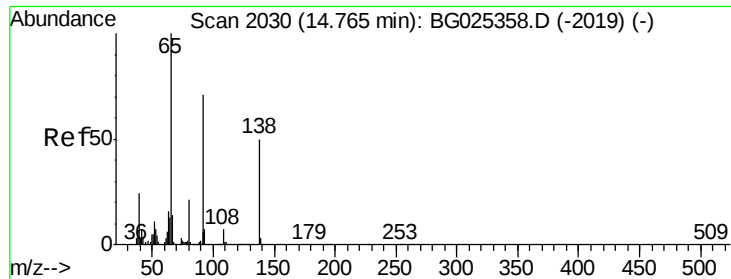
Tgt Ion:165 Resp: 189227
Ion Ratio Lower Upper
165 100
63 75.1 63.9 95.9
89 72.6 58.6 88.0



#51
Acenaphthene
Concen: 46.74 ng
RT: 14.87 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BG025573.D
Acq: 21 Jan 2017 14:44

Tgt Ion:154 Resp: 603353
Ion Ratio Lower Upper
154 100
153 112.5 87.8 131.6
152 52.8 42.2 63.4





#52

3-Nitroaniline

Concen: 25.17 ng

RT: 14.74 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BG025573.D

Acq: 21 Jan 2017 14:44

Instrument :

BNA_G

ClientSampleId :

PB96174BS

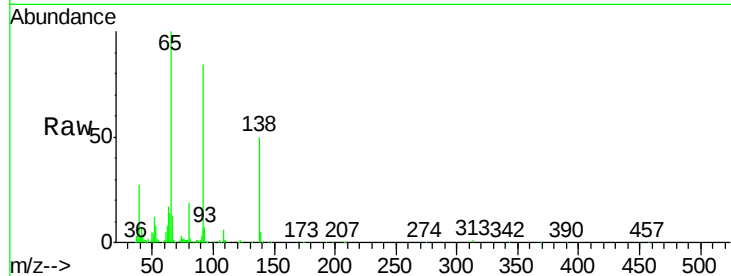
Tgt Ion:138 Resp: 93387

Ion Ratio Lower Upper

138 100

108 12.8 10.9 16.3

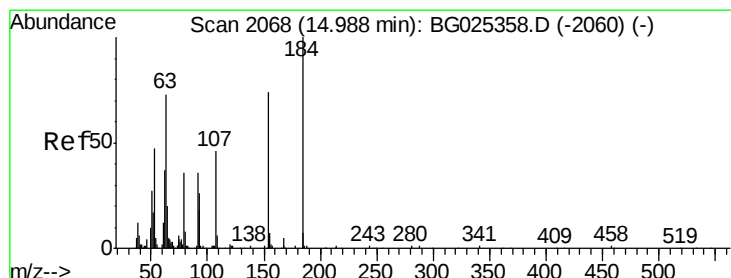
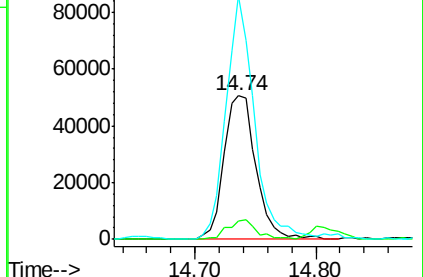
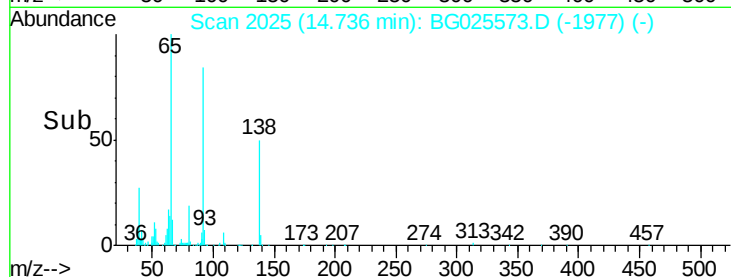
92 169.4 115.3 172.9



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: 93.43 ng

RT: 14.96 min Scan# 2063

Delta R.T. -0.01 min

Lab File: BG025573.D

Acq: 21 Jan 2017 14:44

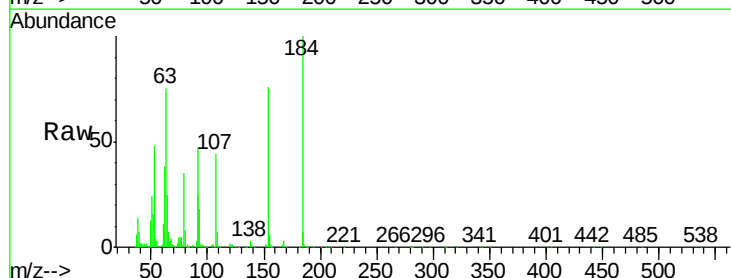
Tgt Ion:184 Resp: 238740

Ion Ratio Lower Upper

184 100

63 75.2 52.7 79.1

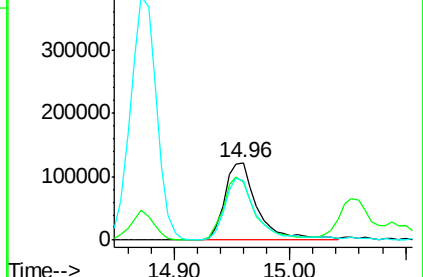
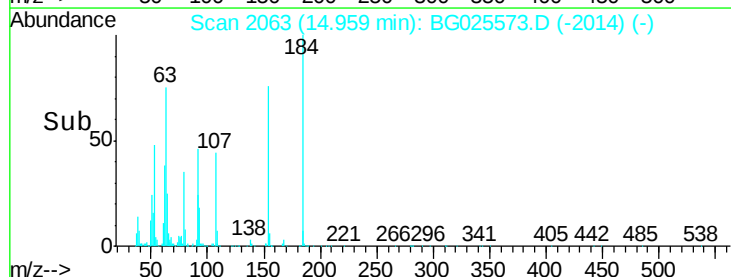
154 75.9 57.3 85.9

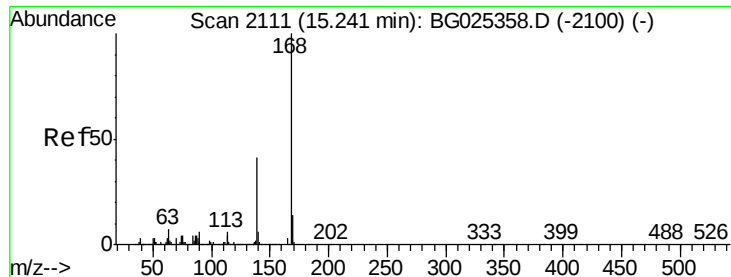


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 48.09 ng

RT: 15.21 min Scan# 2105

Delta R.T. -0.02 min

Lab File: BG025573.D

Acq: 21 Jan 2017 14:44

Instrument :

BNA_G

ClientSampleId :

PB96174BS

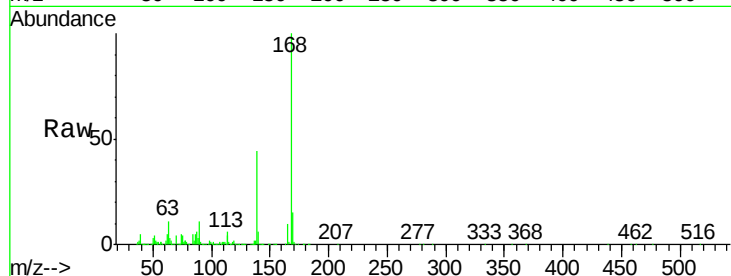
Tgt Ion:168 Resp: 981192

Ion Ratio Lower Upper

168 100

139 44.3 35.3 52.9

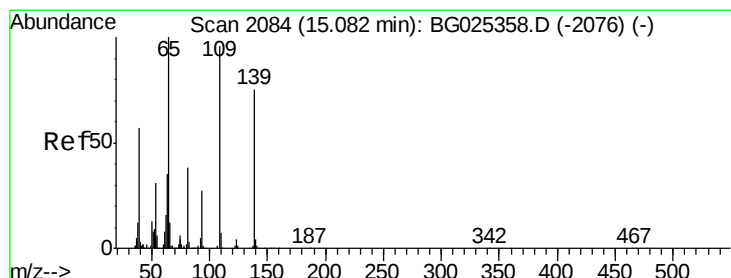
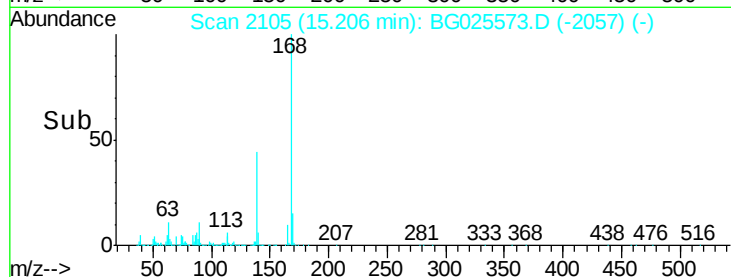
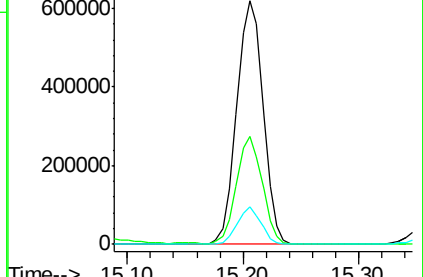
169 15.4 11.5 17.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 94.95 ng

RT: 15.05 min Scan# 2079

Delta R.T. -0.02 min

Lab File: BG025573.D

Acq: 21 Jan 2017 14:44

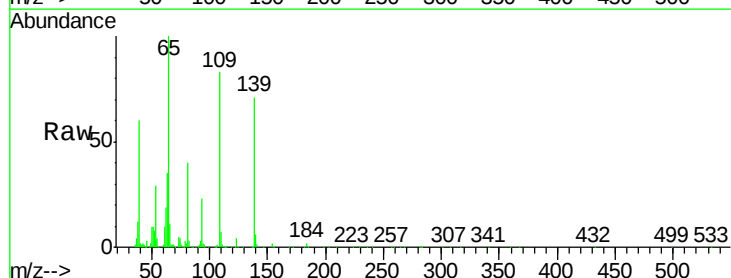
Tgt Ion:139 Resp: 263093

Ion Ratio Lower Upper

139 100

109 117.3 101.2 141.2

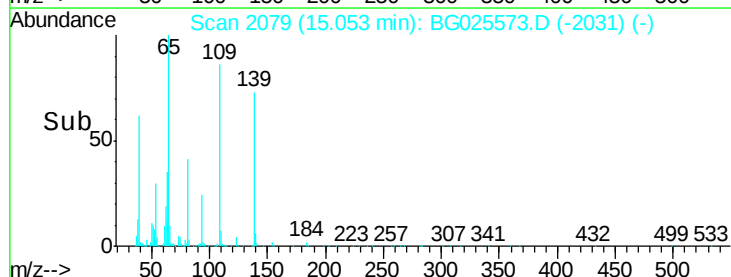
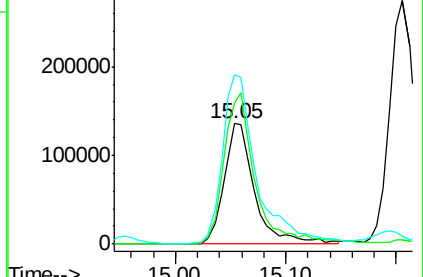
65 140.9 135.3 175.3

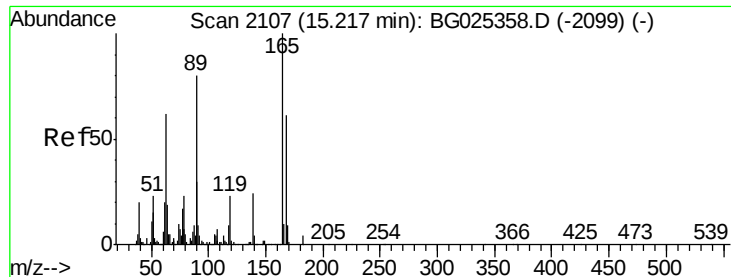


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#56

2,4-Dinitrotoluene

Concen: 49.84 ng

RT: 15.19 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BG025573.D

Acq: 21 Jan 2017 14:44

Instrument :

BNA_G

ClientSampleId :

PB96174BS

Tgt Ion:165 Resp: 280020

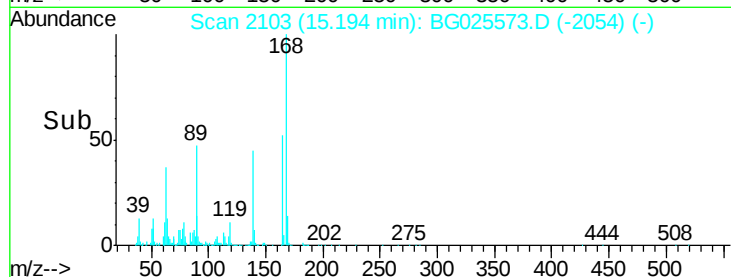
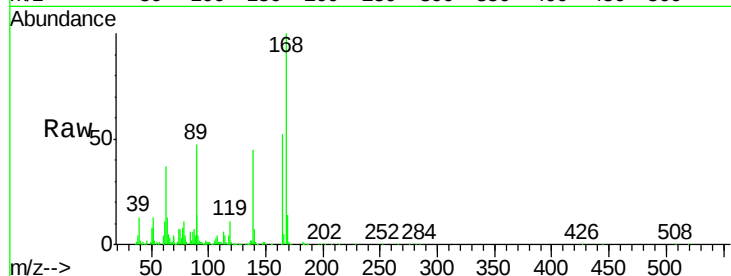
Ion Ratio Lower Upper

165 100

63 69.9 44.0 66.0#

89 90.4 67.3 100.9

182 2.6 3.8 5.6#

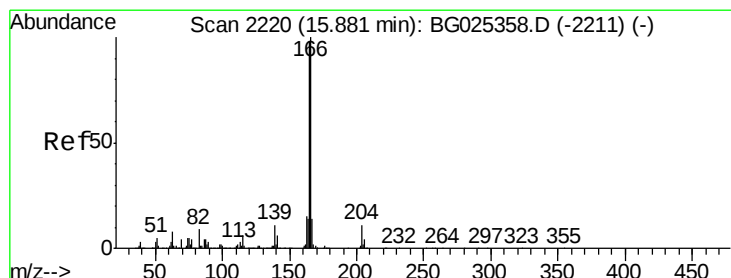
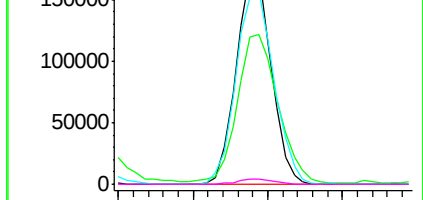


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 47.57 ng

RT: 15.85 min Scan# 2215

Delta R.T. -0.02 min

Lab File: BG025573.D

Acq: 21 Jan 2017 14:44

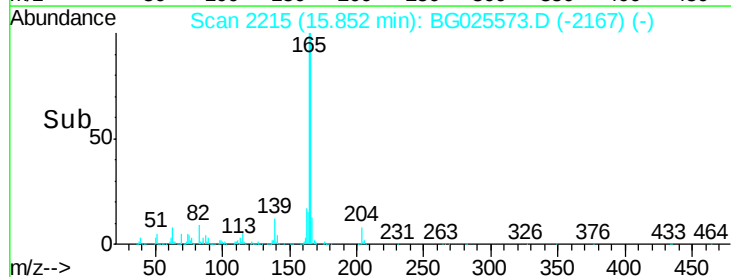
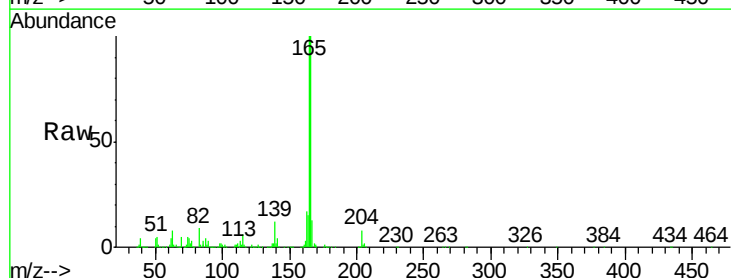
Tgt Ion:166 Resp: 812695

Ion Ratio Lower Upper

166 100

165 100.0 78.6 117.8

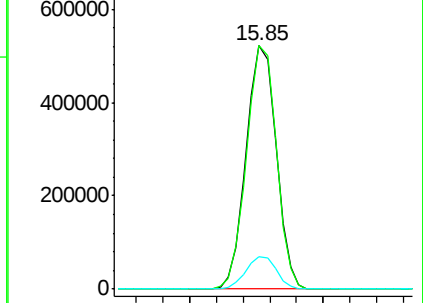
167 13.4 11.6 17.4

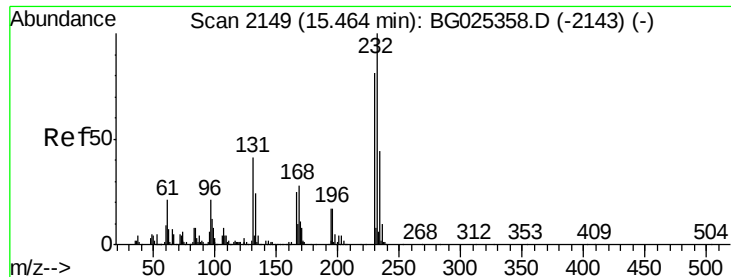


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

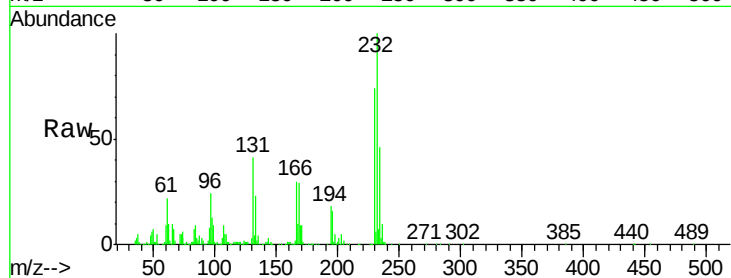




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.62 ng
 RT: 15.44 min Scan# 2144
 Delta R.T. -0.02 min
 Lab File: BG025573.D
 Acq: 21 Jan 2017 14:44

Instrument :
 BNA_G
 ClientSampleId :
 PB96174BS

Tgt Ion:	232	Resp:	268932
Ion	Ratio	Lower	Upper
232	100		
131	41.7	34.9	52.3
130	2.6	2.3	3.5
166	28.6	24.2	36.4

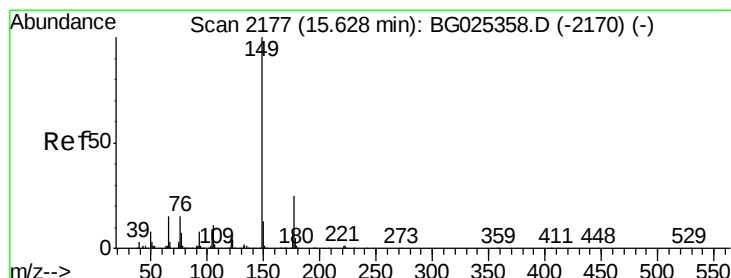
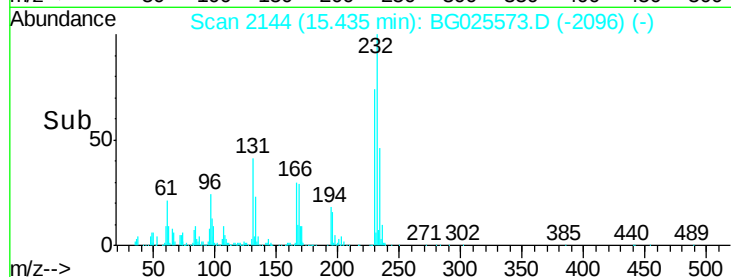
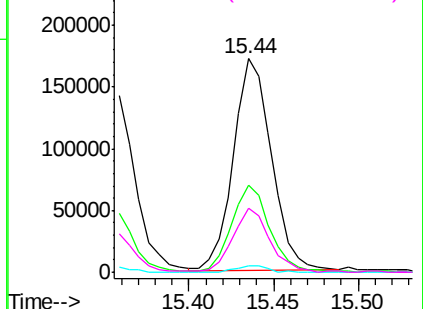


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

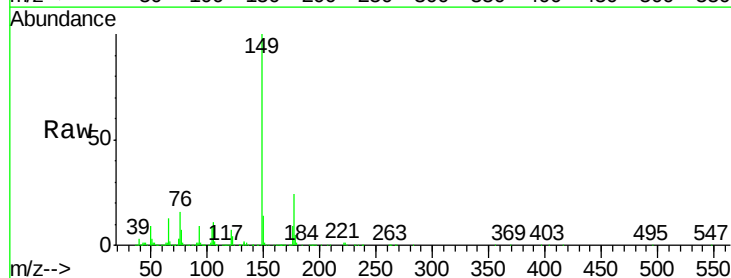
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
 Diethylphthalate
 Concen: 47.06 ng
 RT: 15.60 min Scan# 2172
 Delta R.T. -0.02 min
 Lab File: BG025573.D
 Acq: 21 Jan 2017 14:44

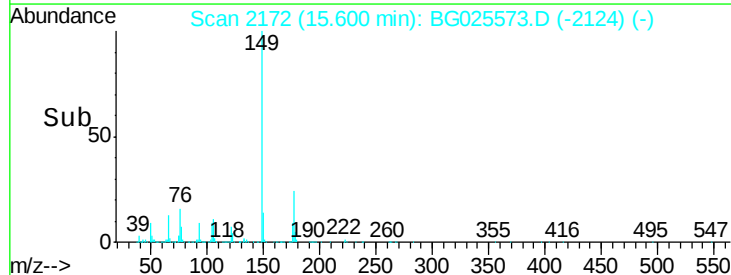
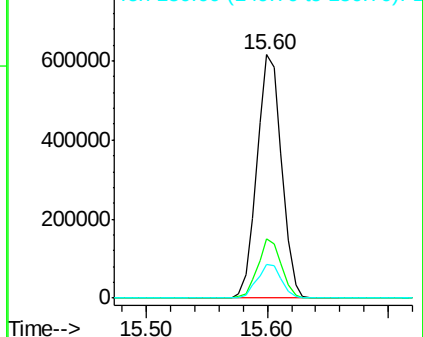
Tgt Ion:	149	Resp:	871774
Ion	Ratio	Lower	Upper
149	100		
177	24.5	20.1	30.1
150	13.9	10.2	15.2

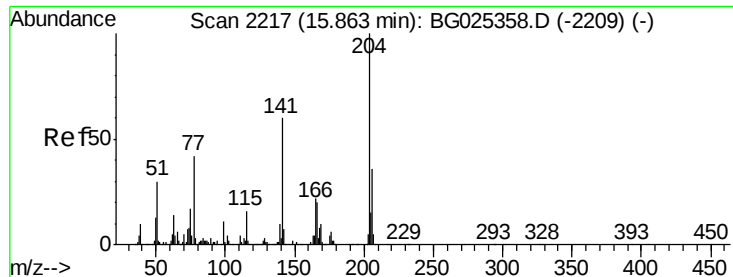


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

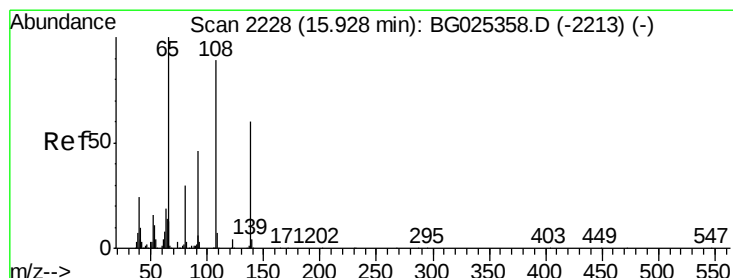
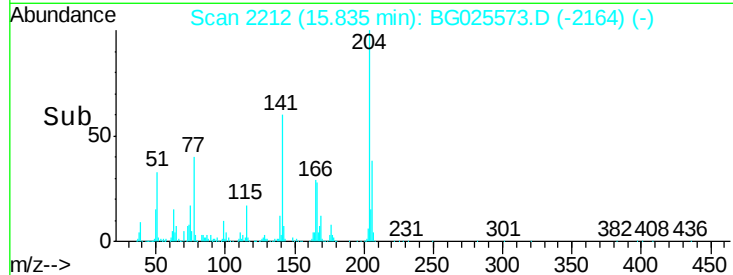
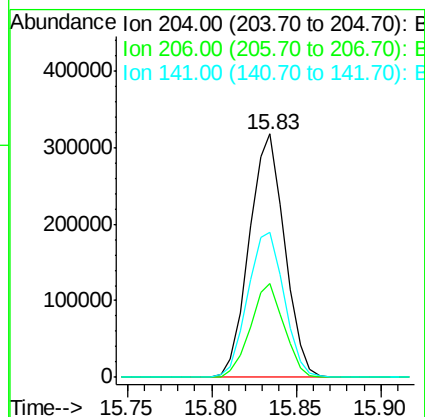
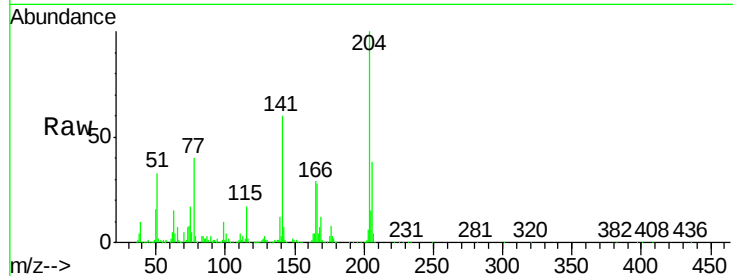




#60
4-Chlorophenyl-phenylether
Concen: 47.67 ng
RT: 15.83 min Scan# 2212
Delta R.T. -0.02 min
Lab File: BG025573.D
Acq: 21 Jan 2017 14:44

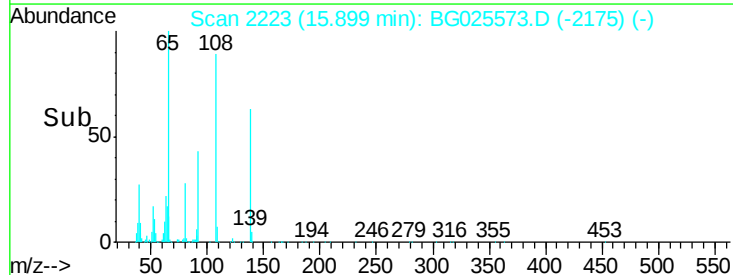
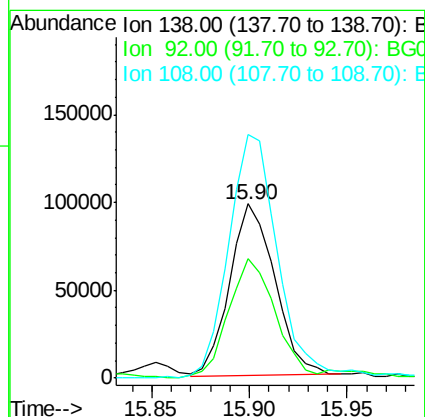
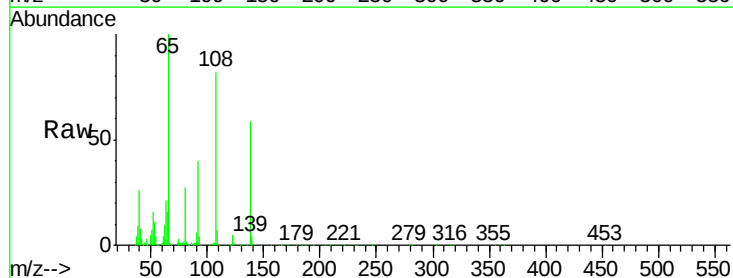
Instrument :
BNA_G
ClientSampleId :
PB96174BS

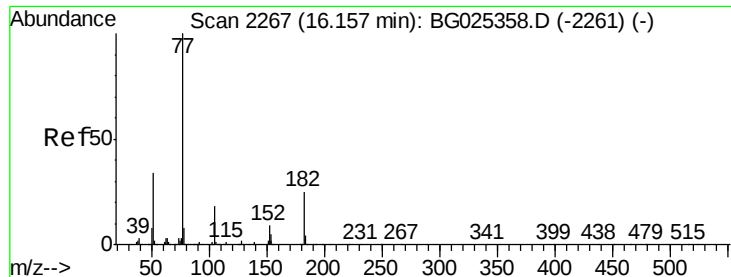
Tgt Ion:204 Resp: 461569
Ion Ratio Lower Upper
204 100
206 38.5 30.1 45.1
141 59.6 50.6 76.0



#61
4-Nitroaniline
Concen: 42.13 ng
RT: 15.90 min Scan# 2223
Delta R.T. -0.02 min
Lab File: BG025573.D
Acq: 21 Jan 2017 14:44

Tgt Ion:138 Resp: 157279
Ion Ratio Lower Upper
138 100
92 68.4 44.2 84.2
108 139.7 104.8 144.8





#62

Azobenzene

Concen: 53.62 ng

RT: 16.13 min Scan# 2262

Delta R.T. -0.02 min

Lab File: BG025573.D

Acq: 21 Jan 2017 14:44

Instrument :

BNA_G

ClientSampleId :

PB96174BS

Tgt Ion: 77 Resp: 957868

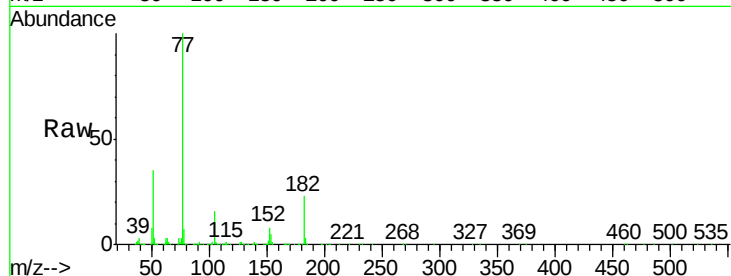
Ion Ratio Lower Upper

77 100

182 22.9 4.7 44.7

105 16.1 0.0 36.3

51 34.8 16.4 56.4

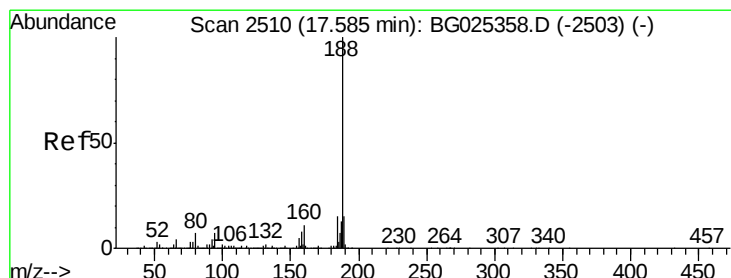
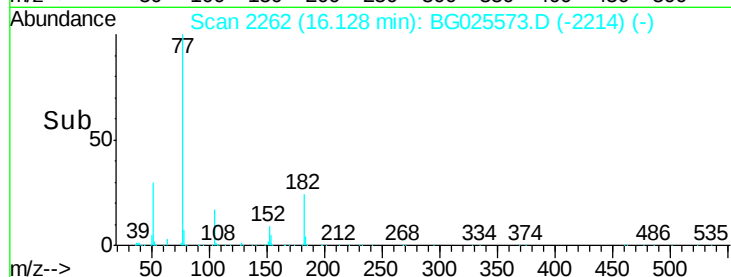
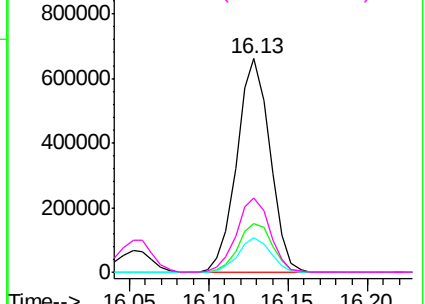


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.02 min

Lab File: BG025573.D

Acq: 21 Jan 2017 14:44

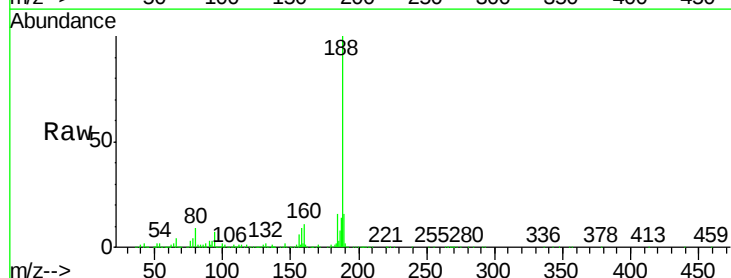
Tgt Ion: 188 Resp: 546897

Ion Ratio Lower Upper

188 100

94 6.6 5.8 8.8

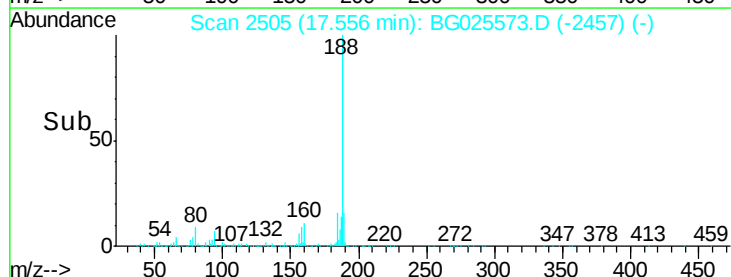
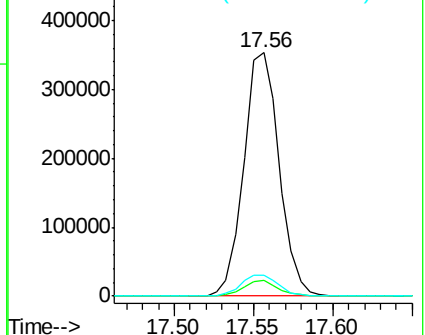
80 8.7 7.5 11.3

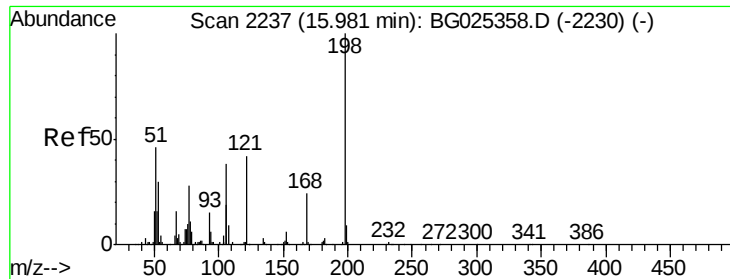


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

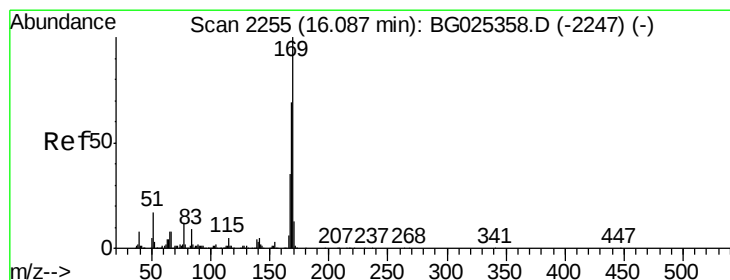
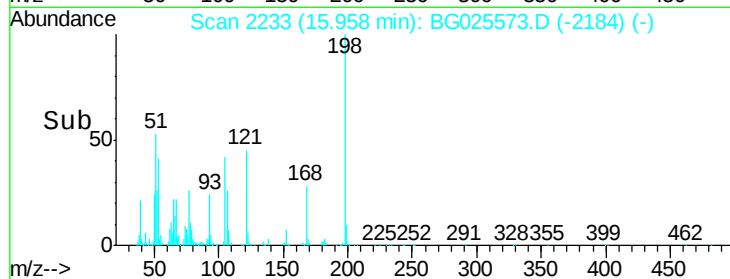
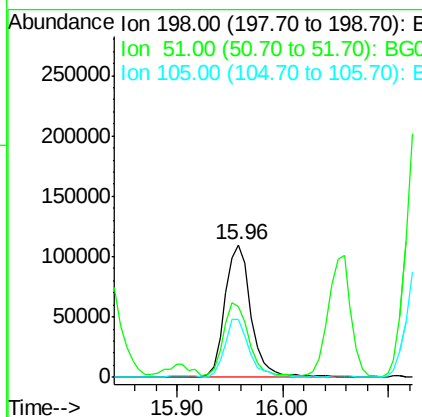
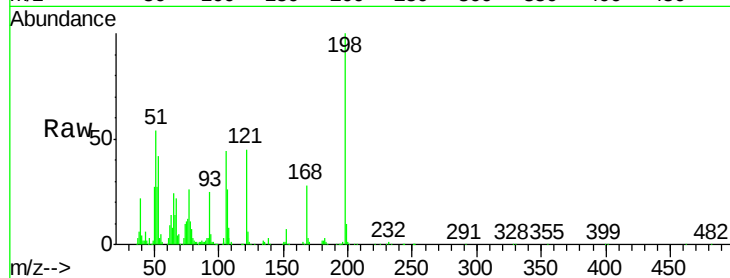




#64
 4,6-Dinitro-2-methylphenol
 Concen: 49.70 ng
 RT: 15.96 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BG025573.D
 Acq: 21 Jan 2017 14:44

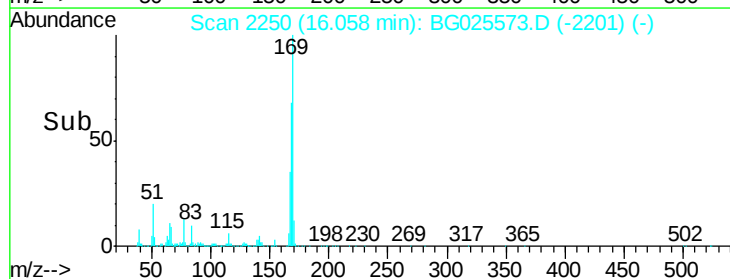
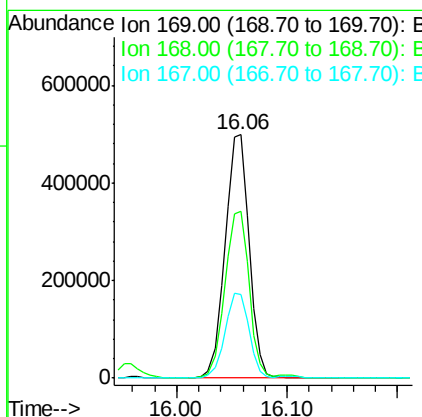
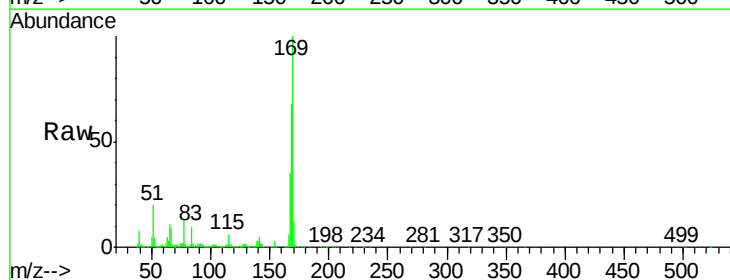
Instrument :
 BNA_G
 ClientSampleId :
 PB96174BS

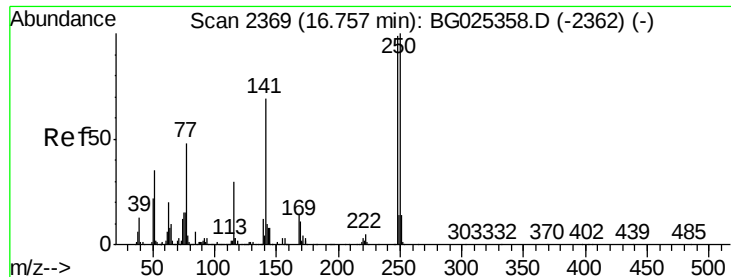
Tgt Ion:198 Resp: 188236
 Ion Ratio Lower Upper
 198 100
 51 53.7 22.6 62.6
 105 43.6 14.4 54.4



#65
 n-Nitrosodiphenylamine
 Concen: 51.39 ng
 RT: 16.06 min Scan# 2250
 Delta R.T. -0.01 min
 Lab File: BG025573.D
 Acq: 21 Jan 2017 14:44

Tgt Ion:169 Resp: 759641
 Ion Ratio Lower Upper
 169 100
 168 68.4 55.7 83.5
 167 34.6 29.8 44.6

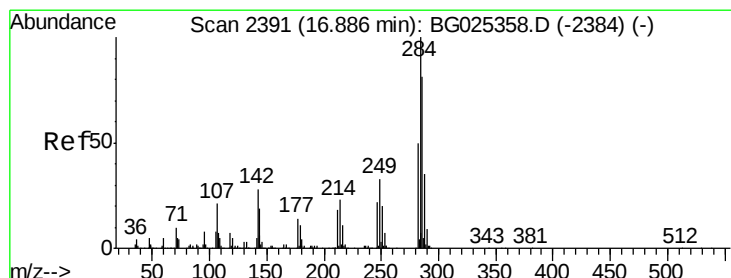
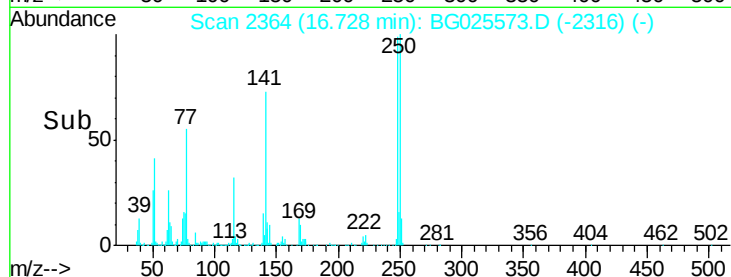
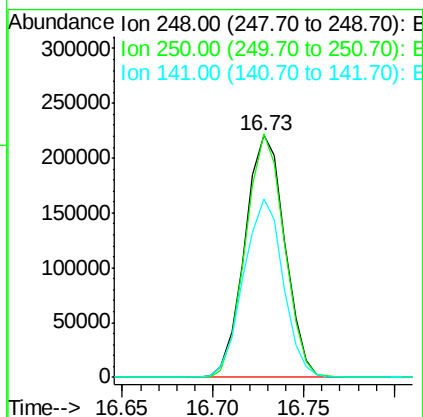
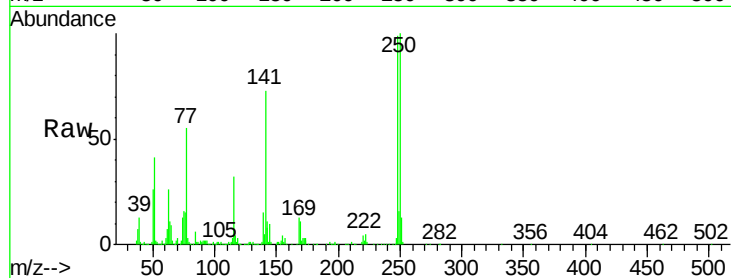




#66
4-Bromophenyl-phenylether
Concen: 50.08 ng
RT: 16.73 min Scan# 2364
Delta R.T. -0.02 min
Lab File: BG025573.D
Acq: 21 Jan 2017 14:44

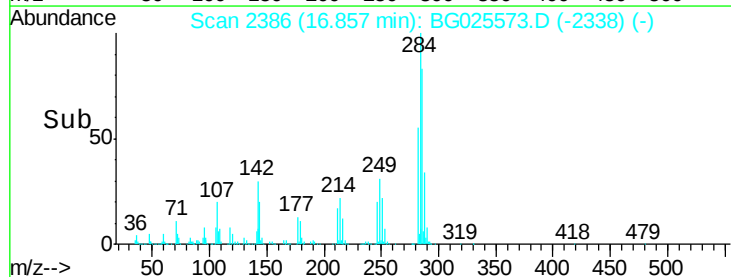
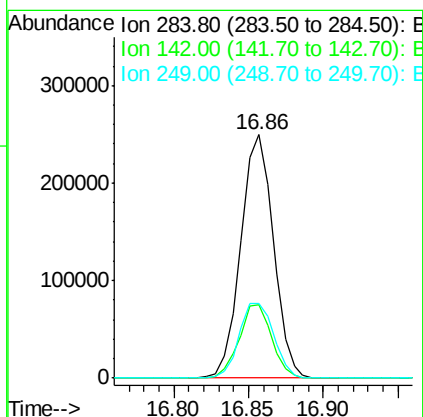
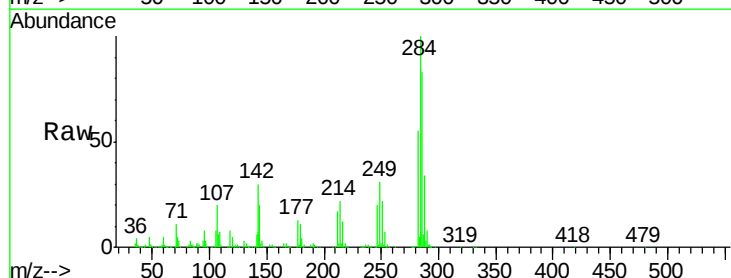
Instrument :
BNA_G
ClientSampleId :
PB96174BS

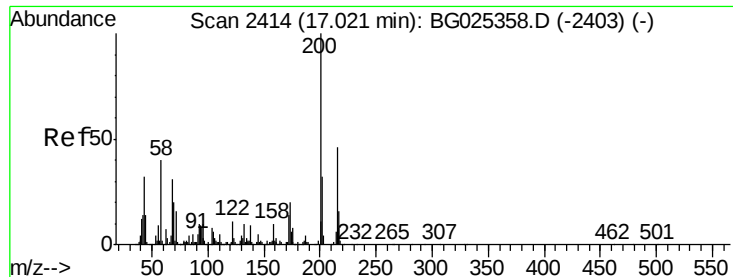
Tgt Ion:248 Resp: 337883
Ion Ratio Lower Upper
248 100
250 100.7 75.0 112.6
141 74.0 55.2 82.8



#67
Hexachlorobenzene
Concen: 48.85 ng
RT: 16.86 min Scan# 2386
Delta R.T. -0.02 min
Lab File: BG025573.D
Acq: 21 Jan 2017 14:44

Tgt Ion:284 Resp: 378180
Ion Ratio Lower Upper
284 100
142 29.9 29.9 44.9#
249 30.6 29.2 43.8





#68

Atrazine

Concen: 53.18 ng

RT: 16.99 min Scan# 2409

Delta R.T. -0.02 min

Lab File: BG025573.D

Acq: 21 Jan 2017 14:44

Instrument :

BNA_G

ClientSampleId :

PB96174BS

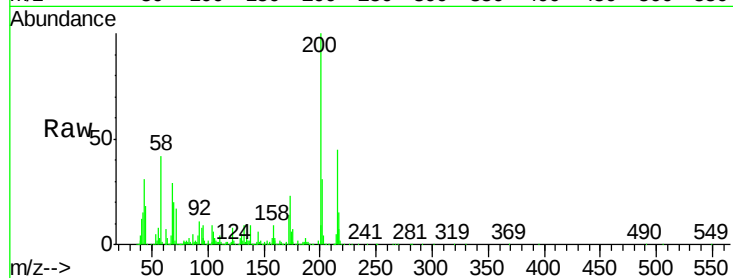
Tgt Ion:200 Resp: 344445

Ion Ratio Lower Upper

200 100

173 22.5 3.0 43.0

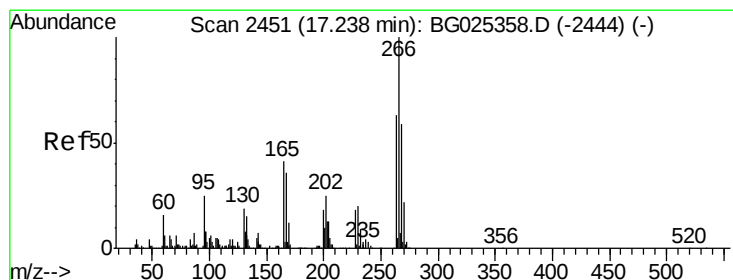
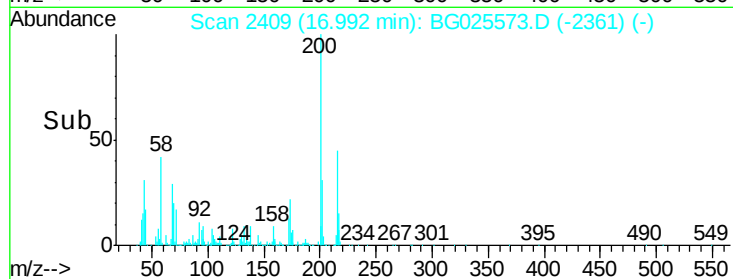
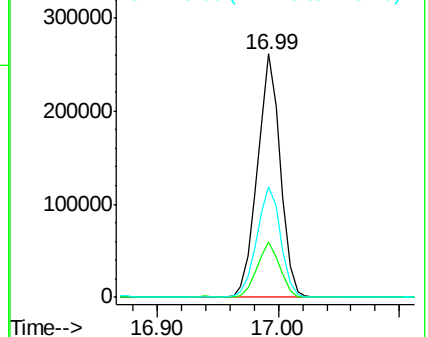
215 45.2 28.4 68.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 96.42 ng

RT: 17.21 min Scan# 2446

Delta R.T. -0.02 min

Lab File: BG025573.D

Acq: 21 Jan 2017 14:44

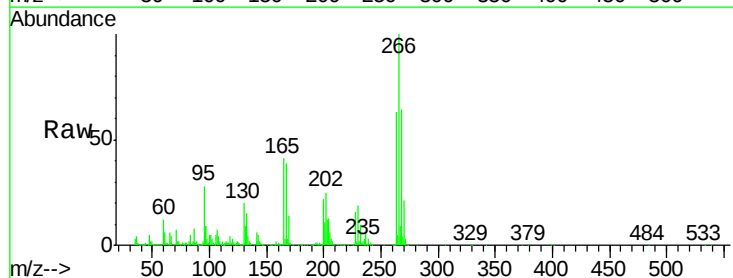
Tgt Ion:266 Resp: 387009

Ion Ratio Lower Upper

266 100

268 64.1 48.6 72.8

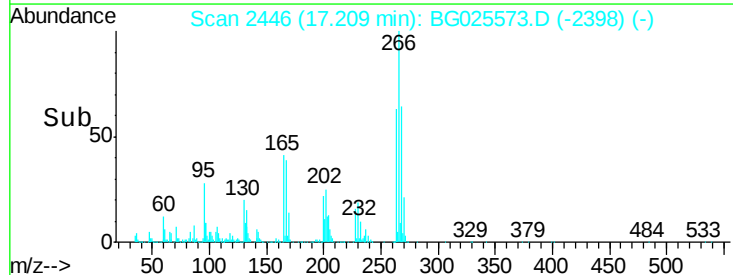
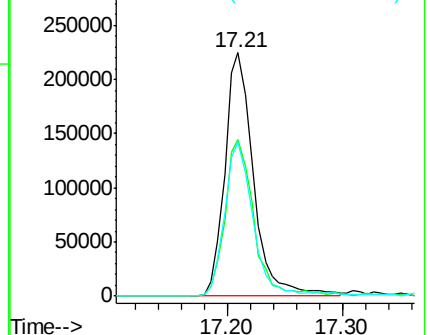
264 63.2 50.1 75.1

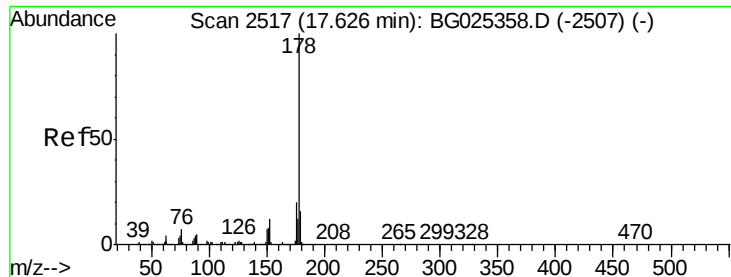


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 48.94 ng

RT: 17.60 min Scan# 2512

Delta R.T. -0.02 min

Lab File: BG025573.D

Acq: 21 Jan 2017 14:44

Instrument :

BNA_G

ClientSampleId :

PB96174BS

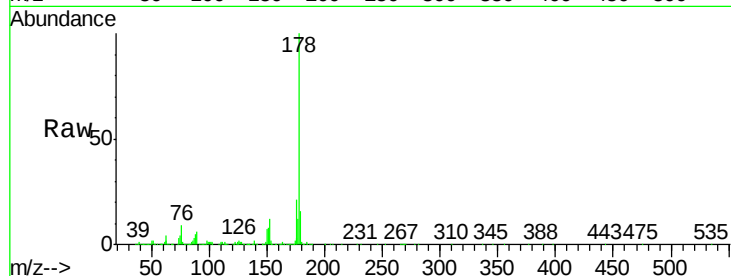
Tgt Ion:178 Resp: 1379283

Ion Ratio Lower Upper

178 100

176 20.6 17.7 26.5

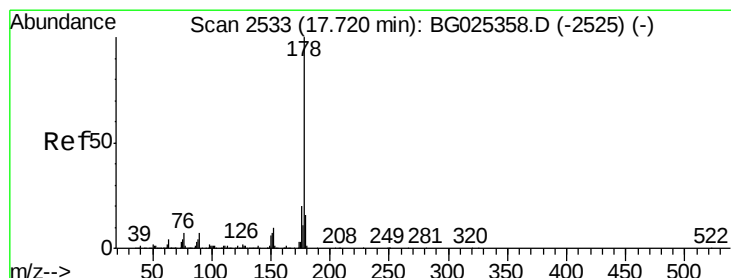
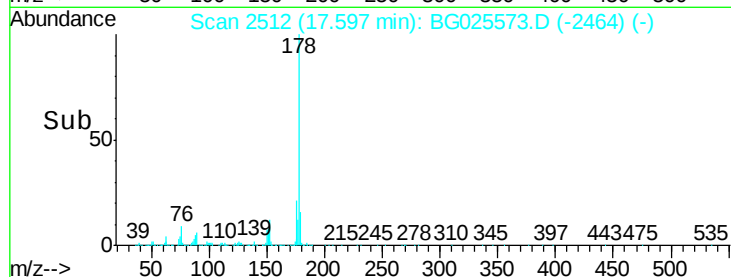
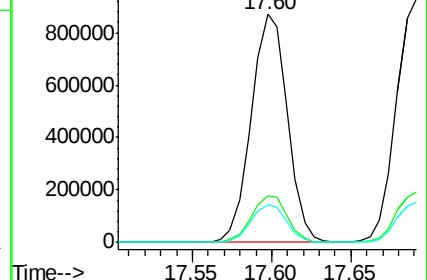
179 16.5 15.0 22.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 50.35 ng

RT: 17.69 min Scan# 2528

Delta R.T. -0.02 min

Lab File: BG025573.D

Acq: 21 Jan 2017 14:44

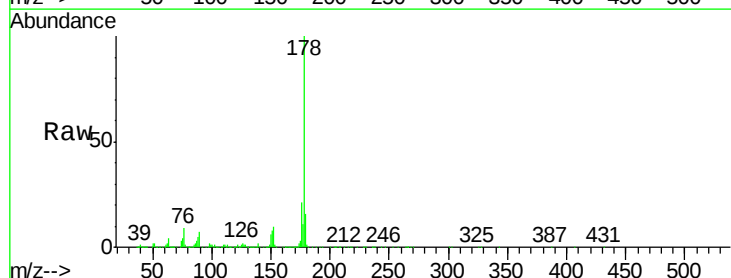
Tgt Ion:178 Resp: 1441733

Ion Ratio Lower Upper

178 100

176 20.6 16.4 24.6

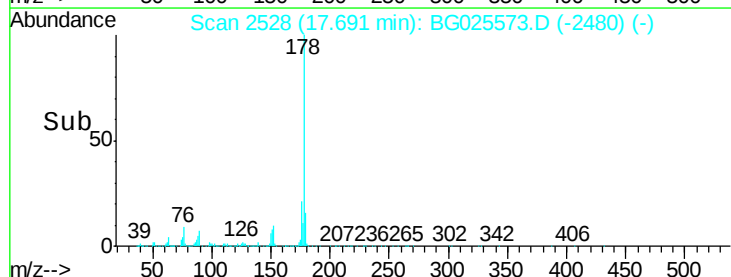
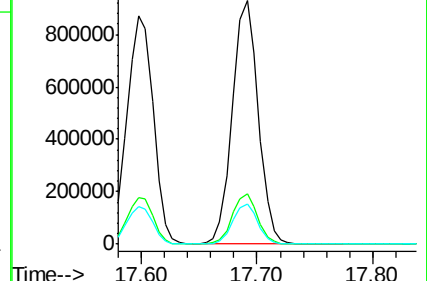
179 16.4 13.8 20.8

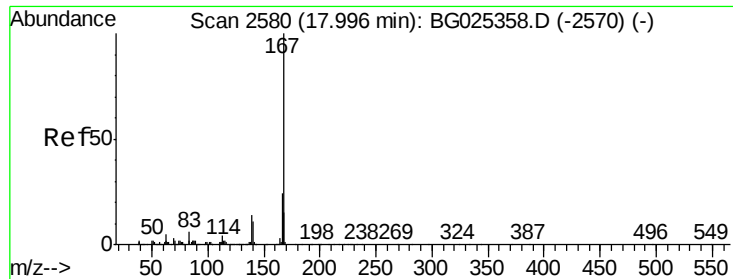


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

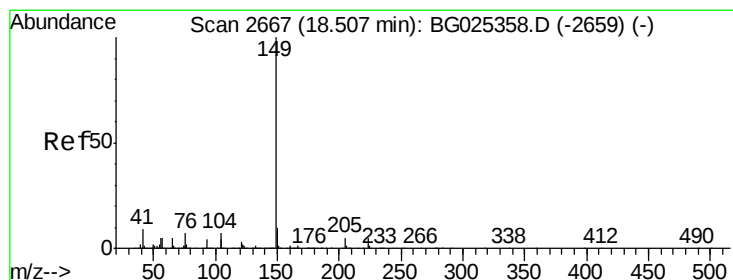
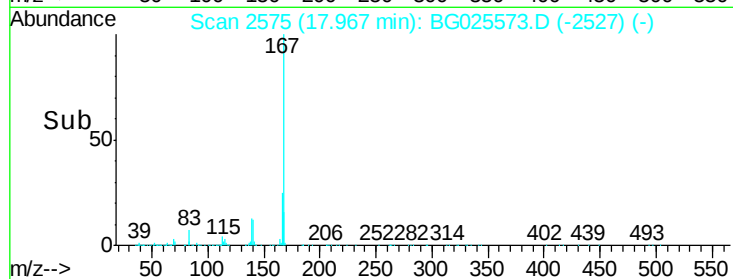
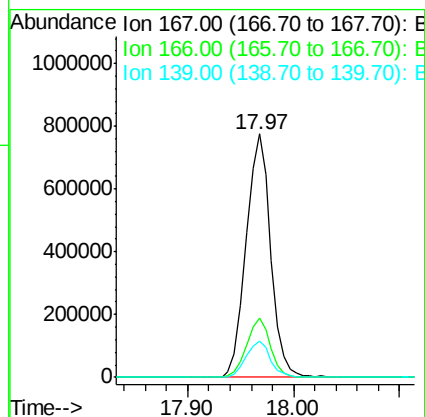
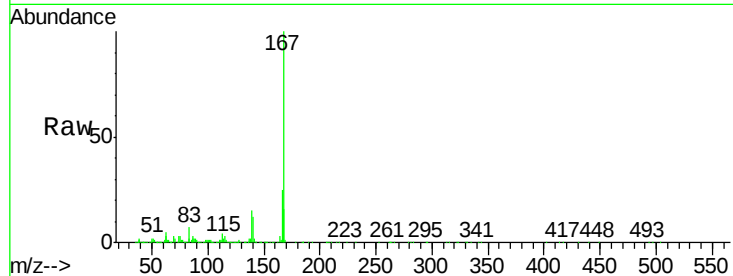




#72
 Carbazole
 Concen: 48.75 ng
 RT: 17.97 min Scan# 2575
 Delta R.T. -0.02 min
 Lab File: BG025573.D
 Acq: 21 Jan 2017 14:44

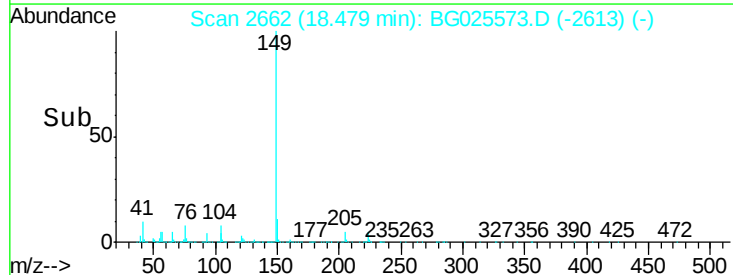
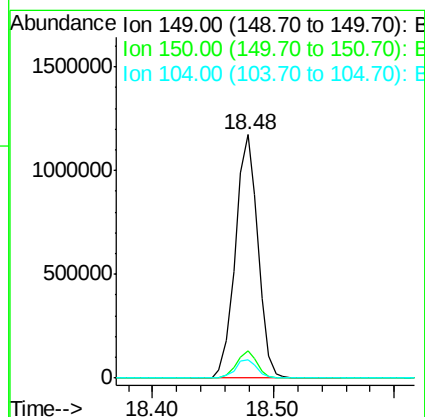
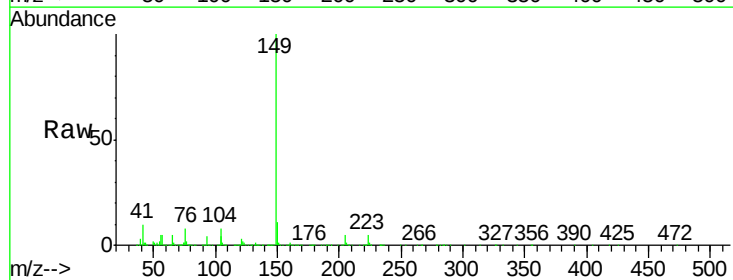
Instrument :
 BNA_G
 ClientSampleId :
 PB96174BS

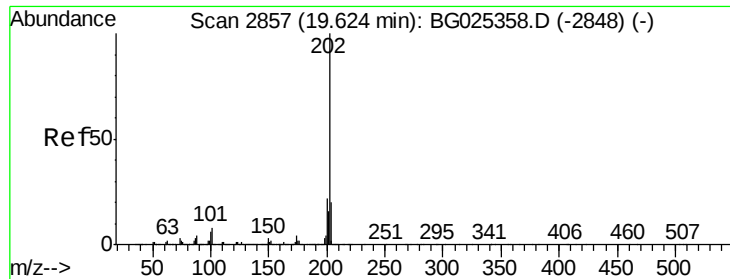
Tgt Ion:167 Resp: 1248823
 Ion Ratio Lower Upper
 167 100
 166 24.6 20.2 30.2
 139 14.9 12.8 19.2



#73
 Di-n-butylphthalate
 Concen: 48.27 ng
 RT: 18.48 min Scan# 2662
 Delta R.T. -0.01 min
 Lab File: BG025573.D
 Acq: 21 Jan 2017 14:44

Tgt Ion:149 Resp: 1521097
 Ion Ratio Lower Upper
 149 100
 150 11.0 9.1 13.7
 104 7.8 6.7 10.1

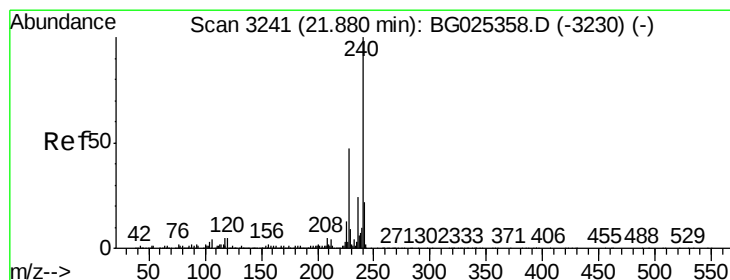
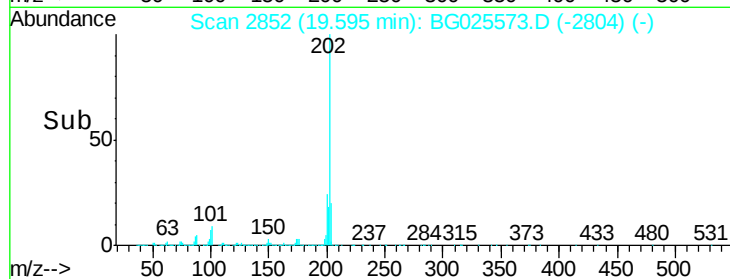
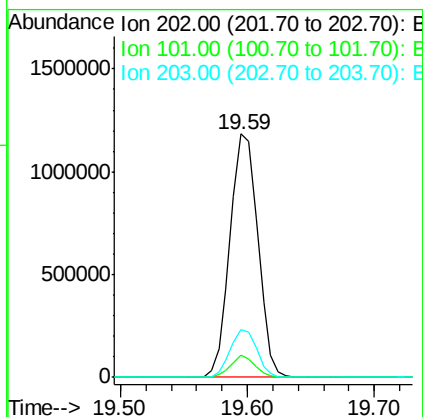
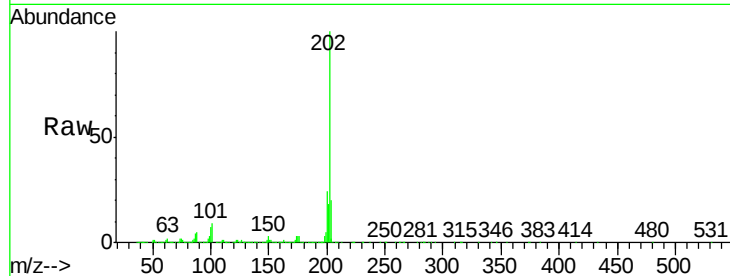




#74
Fluoranthene
Concen: 48.35 ng
RT: 19.59 min Scan# 2852
Delta R.T. -0.02 min
Lab File: BG025573.D
Acq: 21 Jan 2017 14:44

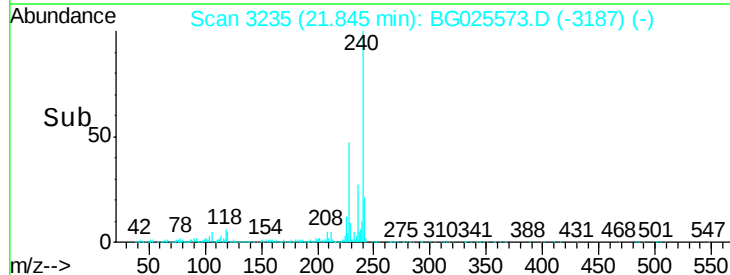
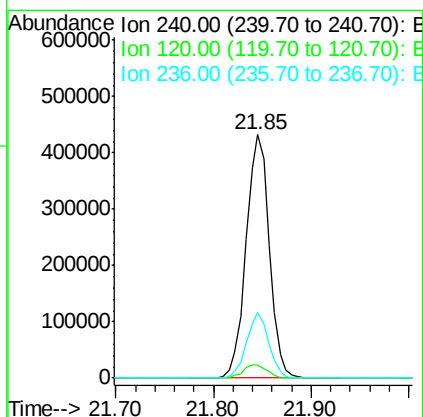
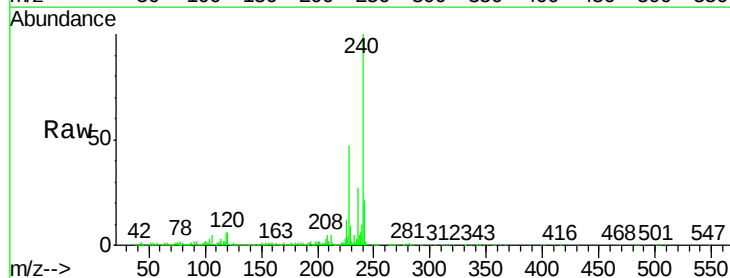
Instrument :
BNA_G
ClientSampleId :
PB96174BS

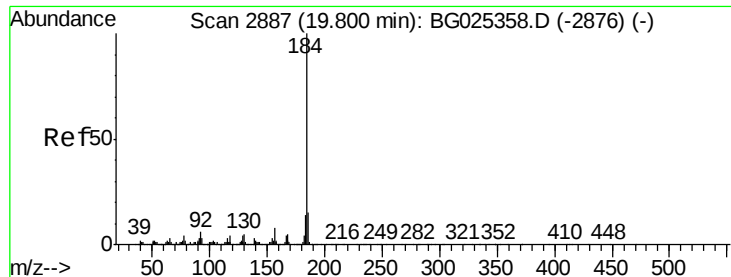
Tgt Ion:202 Resp: 1799943
Ion Ratio Lower Upper
202 100
101 8.9 0.0 30.1
203 19.5 1.3 41.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3235
Delta R.T. -0.02 min
Lab File: BG025573.D
Acq: 21 Jan 2017 14:44

Tgt Ion:240 Resp: 717811
Ion Ratio Lower Upper
240 100
120 5.5 5.7 8.5#
236 27.0 22.2 33.4





#76

Benzidine

Concen: 41.27 ng

RT: 19.78 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BG025573.D

Acq: 21 Jan 2017 14:44

Instrument :

BNA_G

ClientSampleId :

PB96174BS

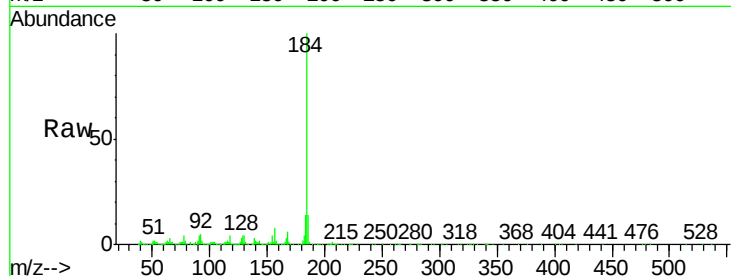
Tgt Ion:184 Resp: 738919

Ion Ratio Lower Upper

184 100

185 13.7 13.0 19.6

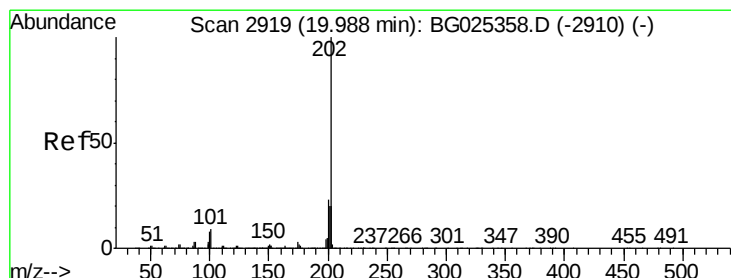
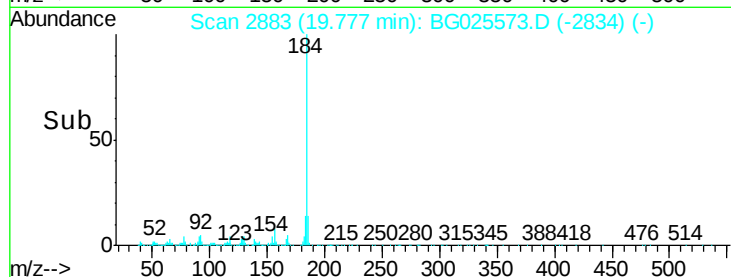
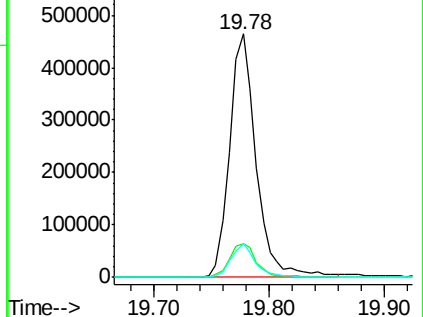
183 13.9 11.0 16.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 48.34 ng

RT: 19.96 min Scan# 2914

Delta R.T. -0.02 min

Lab File: BG025573.D

Acq: 21 Jan 2017 14:44

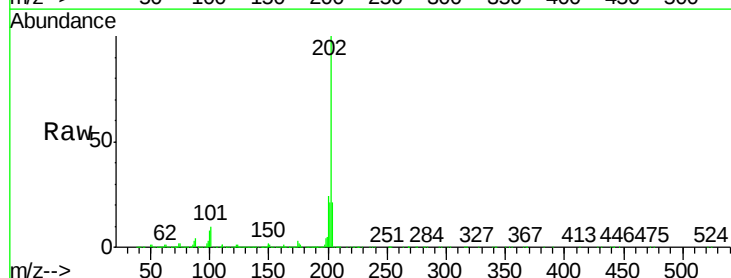
Tgt Ion:202 Resp: 1813657

Ion Ratio Lower Upper

202 100

200 23.7 19.6 29.4

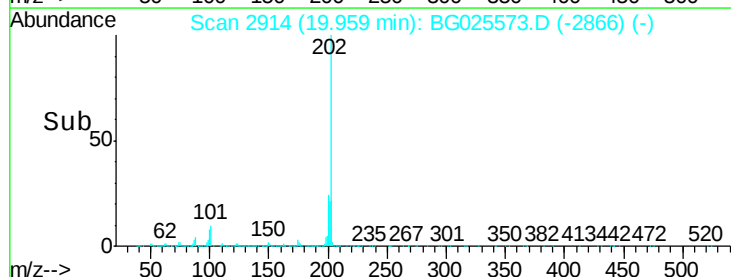
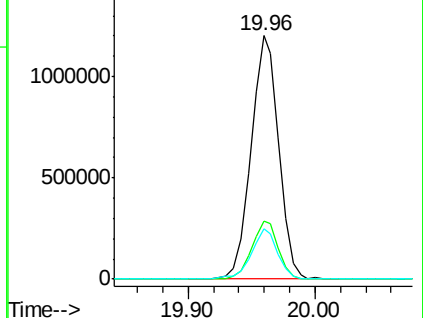
203 20.9 15.8 23.8

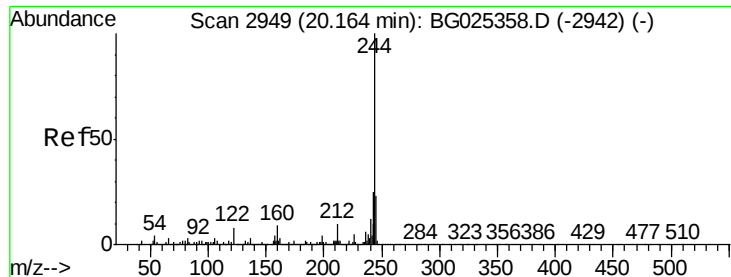


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 94.38 ng

RT: 20.14 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG025573.D

Acq: 21 Jan 2017 14:44

Instrument :

BNA_G

ClientSampleId :

PB96174BS

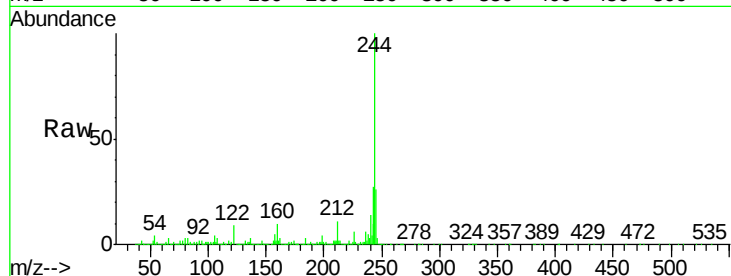
Tgt Ion:244 Resp: 2555113

Ion Ratio Lower Upper

244 100

212 10.7 10.0 15.0

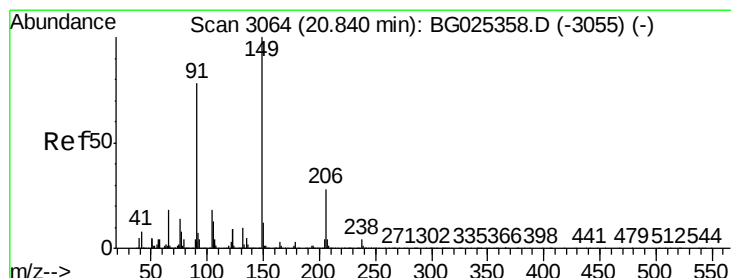
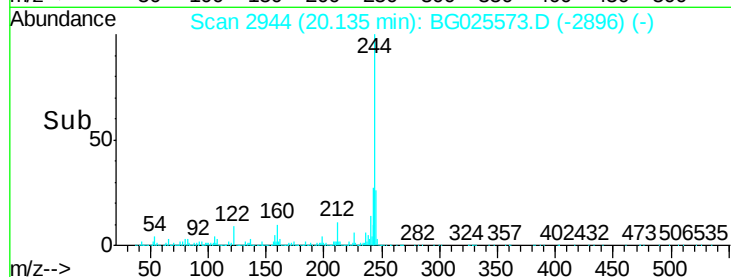
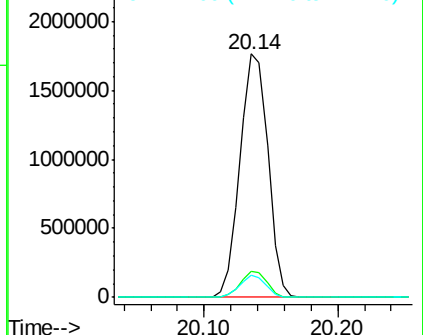
122 9.2 8.6 12.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 50.96 ng

RT: 20.81 min Scan# 3059

Delta R.T. -0.01 min

Lab File: BG025573.D

Acq: 21 Jan 2017 14:44

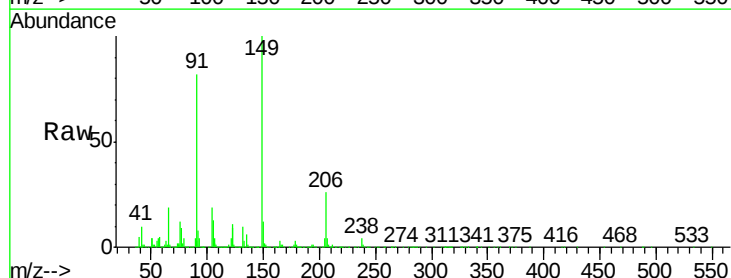
Tgt Ion:149 Resp: 767607

Ion Ratio Lower Upper

149 100

91 82.1 63.5 95.3

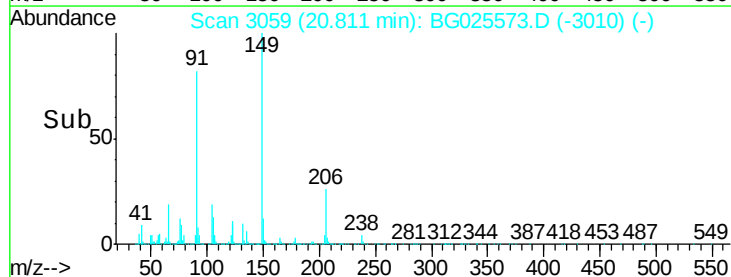
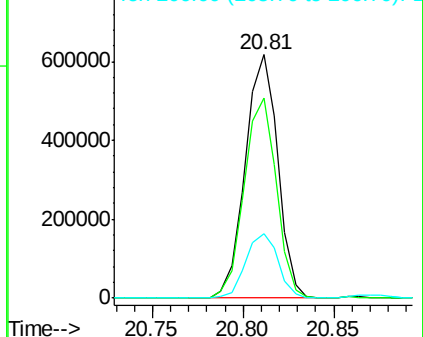
206 26.4 21.0 31.6

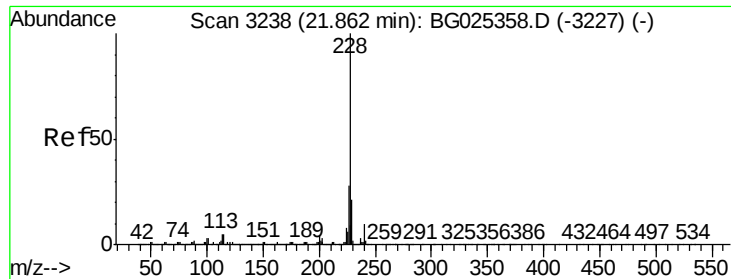


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 49.51 ng

RT: 21.82 min Scan# 3231

Delta R.T. -0.02 min

Lab File: BG025573.D

Acq: 21 Jan 2017 14:44

Instrument :

BNA_G

ClientSampled :

PB96174BS

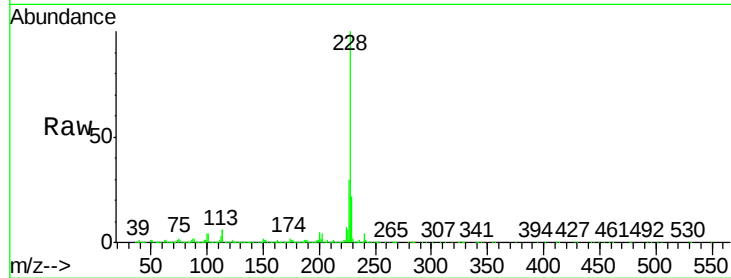
Tgt Ion:228 Resp: 1982248

Ion Ratio Lower Upper

228 100

226 30.3 24.9 37.3

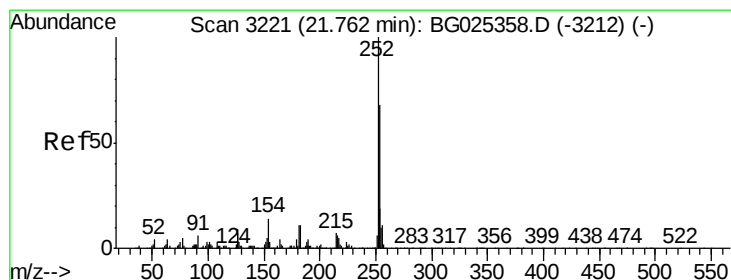
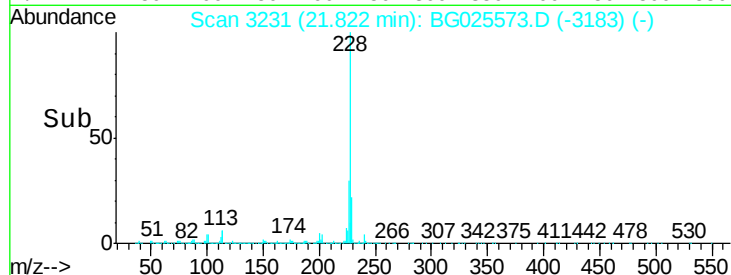
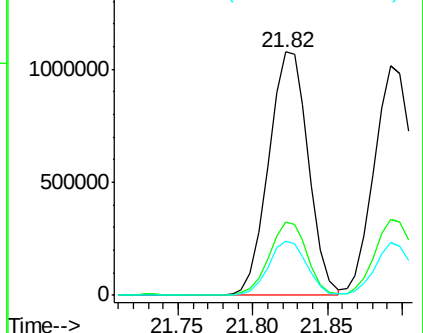
229 22.3 18.2 27.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 28.37 ng

RT: 21.73 min Scan# 3215

Delta R.T. -0.02 min

Lab File: BG025573.D

Acq: 21 Jan 2017 14:44

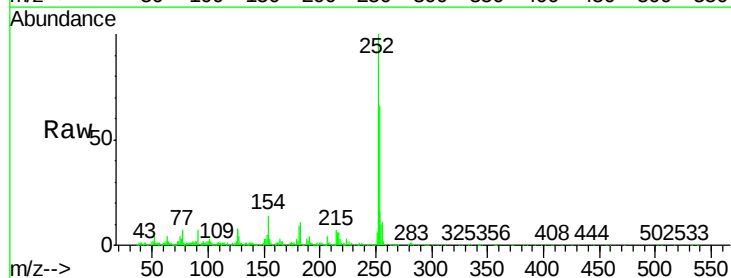
Tgt Ion:252 Resp: 441116

Ion Ratio Lower Upper

252 100

254 66.3 53.1 79.7

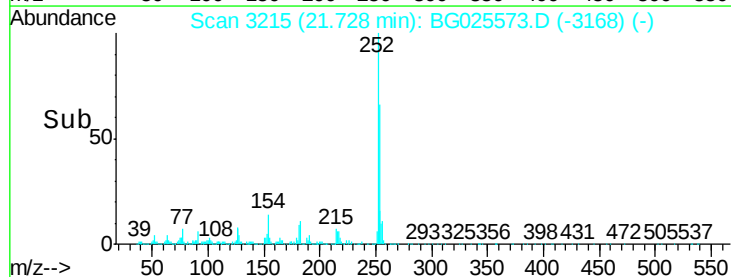
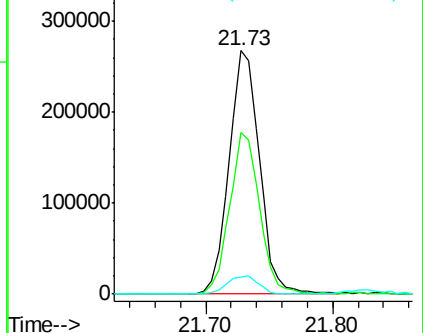
126 7.0 7.0 10.4

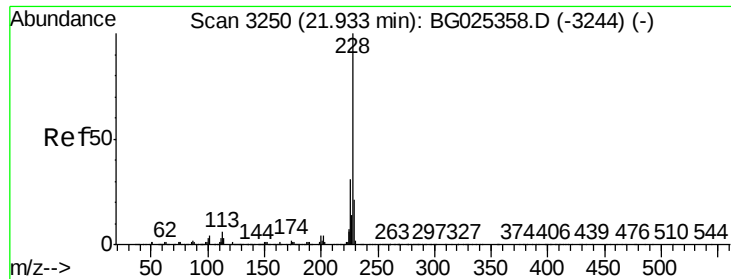


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

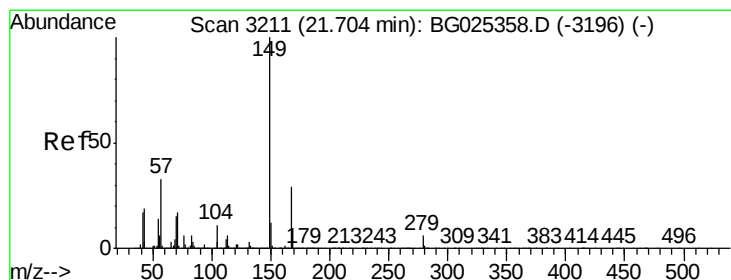
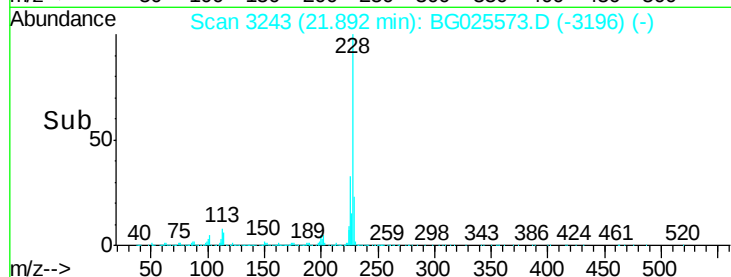
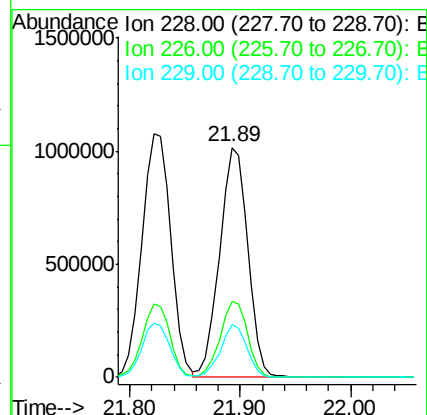
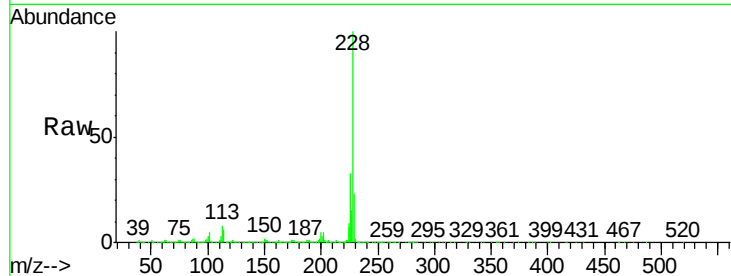




#82
 Chrysene
 Concen: 46.78 ng
 RT: 21.89 min Scan# 3243
 Delta R.T. -0.02 min
 Lab File: BG025573.D
 Acq: 21 Jan 2017 14:44

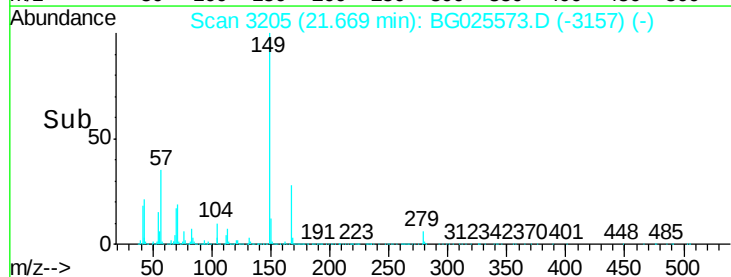
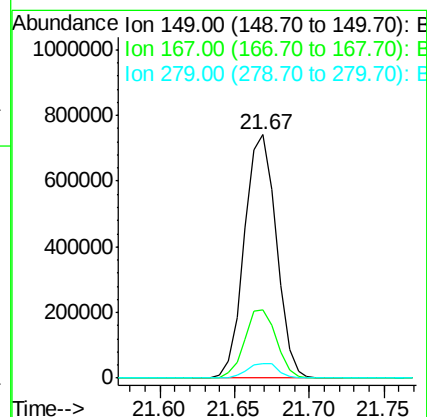
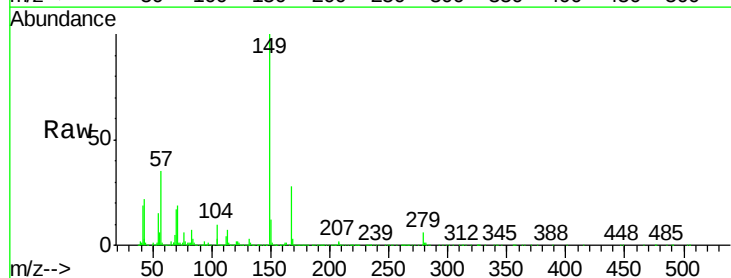
Instrument :
 BNA_G
 ClientSampleId :
 PB96174BS

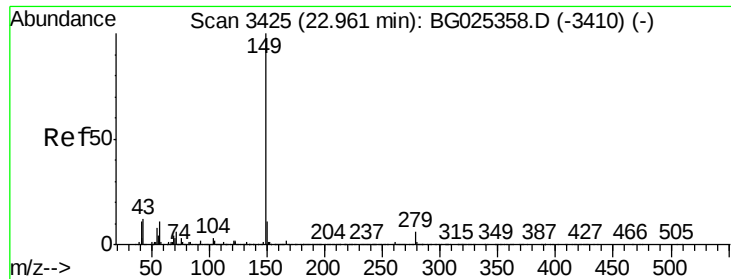
Tgt Ion:228 Resp: 1796197
 Ion Ratio Lower Upper
 228 100
 226 33.1 27.0 40.4
 229 23.1 17.8 26.6



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.39 ng
 RT: 21.67 min Scan# 3205
 Delta R.T. -0.02 min
 Lab File: BG025573.D
 Acq: 21 Jan 2017 14:44

Tgt Ion:149 Resp: 1098155
 Ion Ratio Lower Upper
 149 100
 167 28.2 23.7 35.5
 279 6.2 4.6 6.8





#84

Di-n-octyl phthalate

Concen: 53.41 ng

RT: 22.91 min Scan# 3417

Delta R.T. -0.02 min

Lab File: BG025573.D

Acq: 21 Jan 2017 14:44

Instrument :

BNA_G

ClientSampleId :

PB96174BS

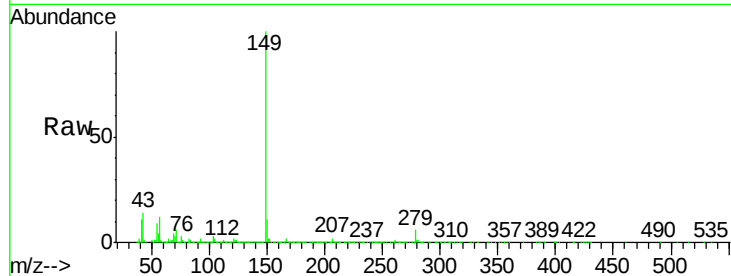
Tgt Ion:149 Resp: 1858843

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

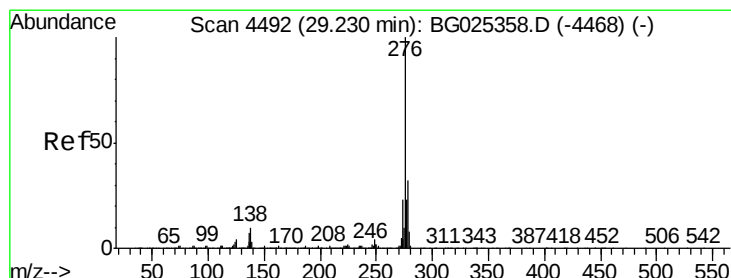
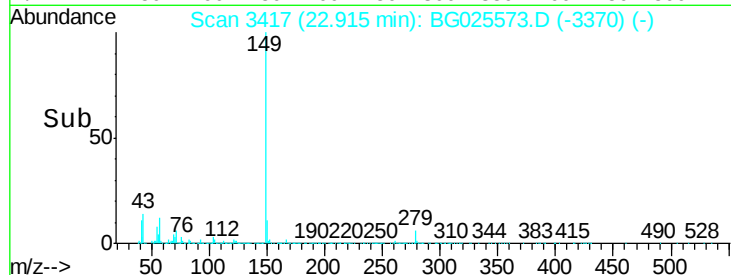
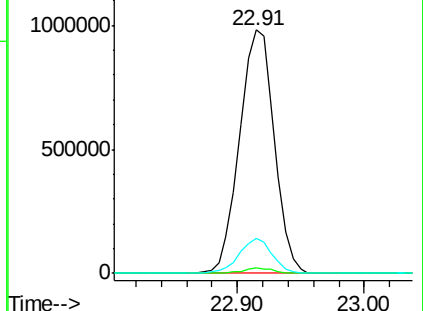
43 13.4 11.8 17.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#85

Indeno(1,2,3-cd)pyrene

Concen: 52.04 ng

RT: 29.13 min Scan# 4475

Delta R.T. -0.06 min

Lab File: BG025573.D

Acq: 21 Jan 2017 14:44

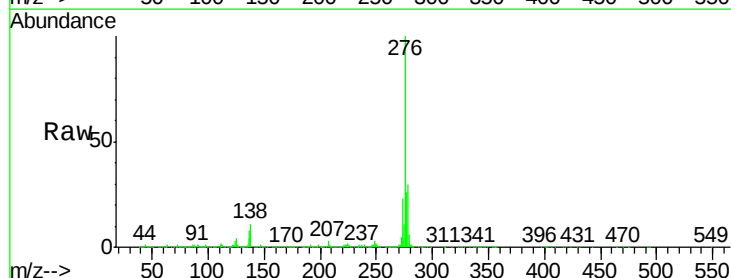
Tgt Ion:276 Resp: 2539940

Ion Ratio Lower Upper

276 100

138 5.4 4.7 7.1

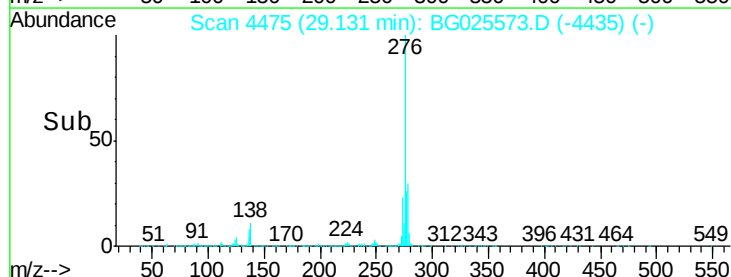
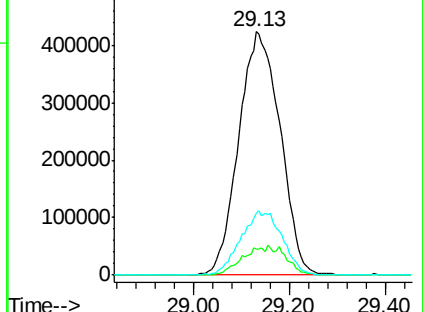
277 26.3 20.6 31.0

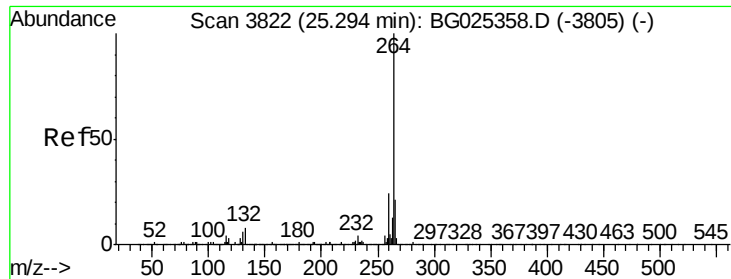


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



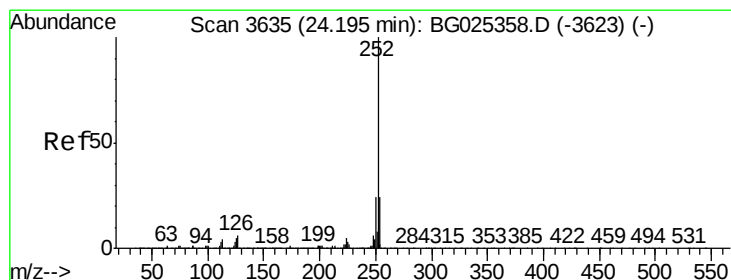
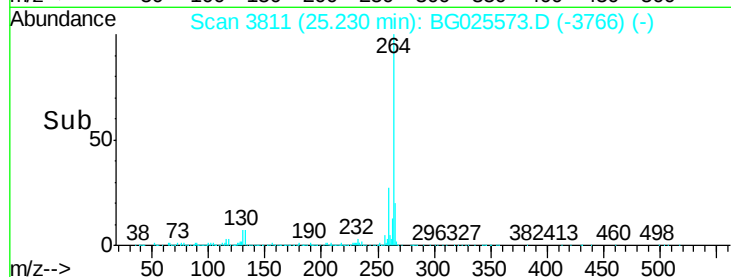
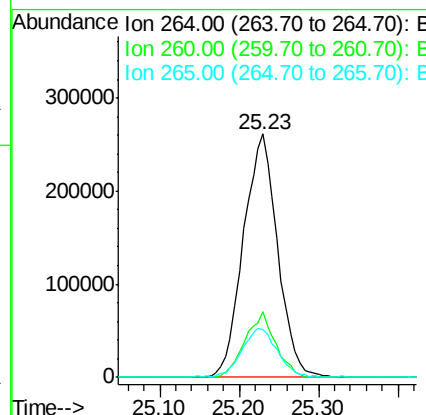
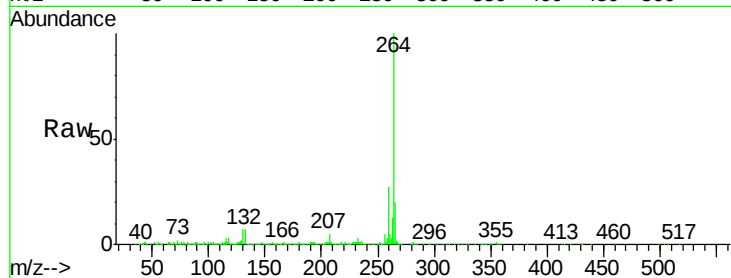


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.23 min Scan# 3811
Delta R.T. -0.04 min
Lab File: BG025573.D
Acq: 21 Jan 2017 14:44

Instrument :
BNA_G
ClientSampleId :
PB96174BS

Tgt Ion: 264 Resp: 781651

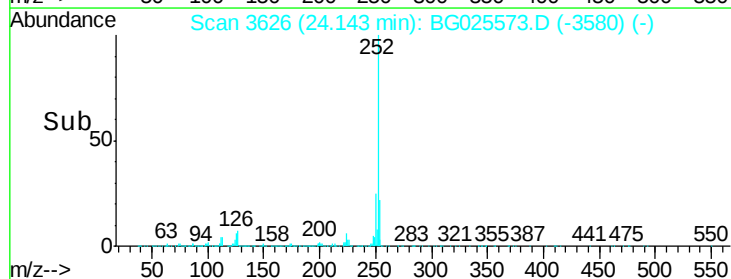
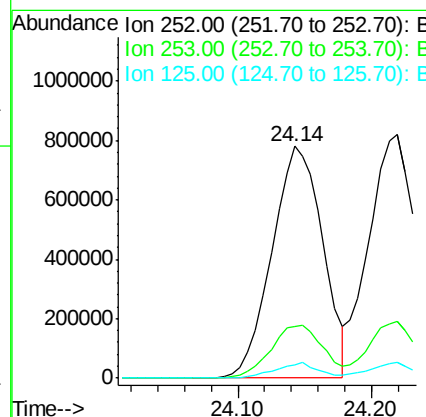
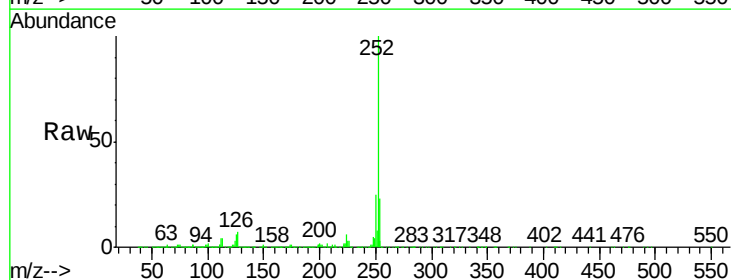
Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.8	32.8
265	19.8	18.2	27.4

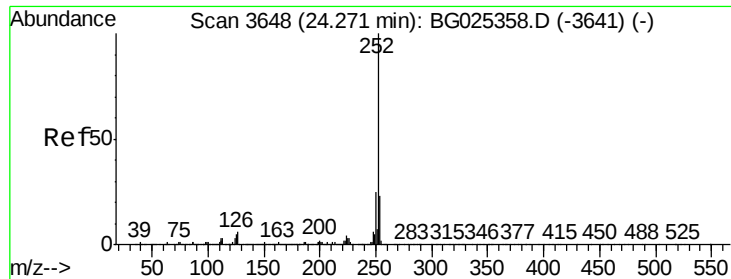


#87
Benzo(b)fluoranthene
Concen: 48.26 ng
RT: 24.14 min Scan# 3626
Delta R.T. -0.03 min
Lab File: BG025573.D
Acq: 21 Jan 2017 14:44

Tgt Ion: 252 Resp: 2058173

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.7	28.1
125	5.8	5.3	7.9

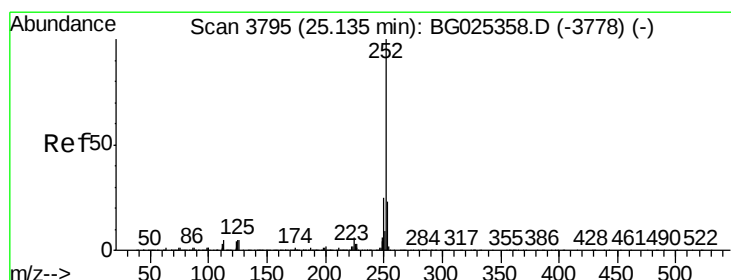
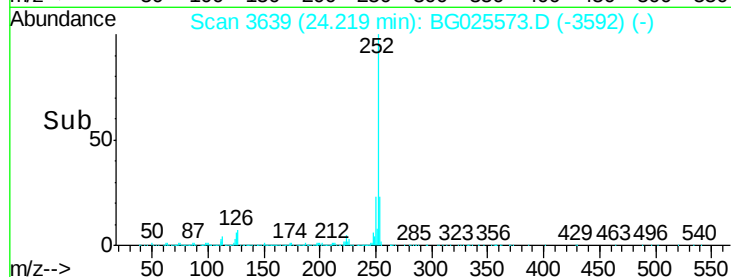
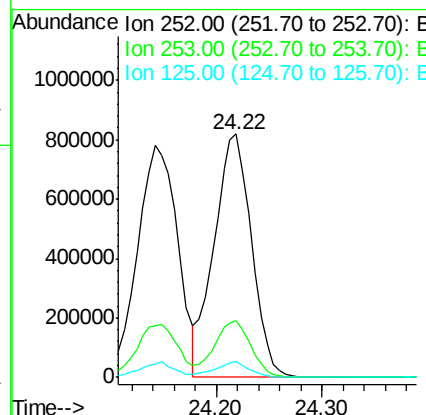
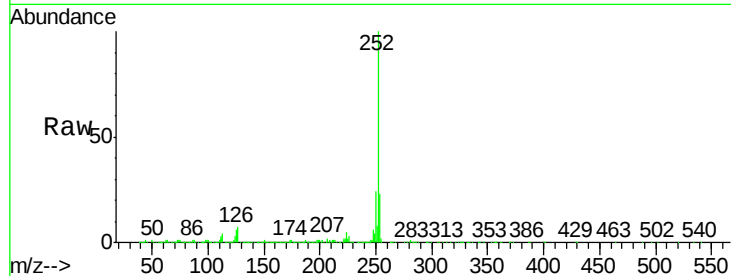




#88
Benzo(k)fluoranthene
Concen: 48.84 ng
RT: 24.22 min Scan# 3639
Delta R.T. -0.02 min
Lab File: BG025573.D
Acq: 21 Jan 2017 14:44

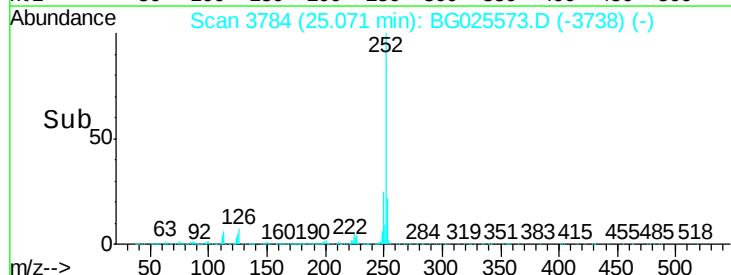
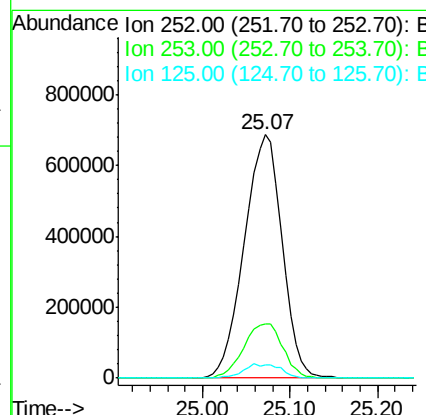
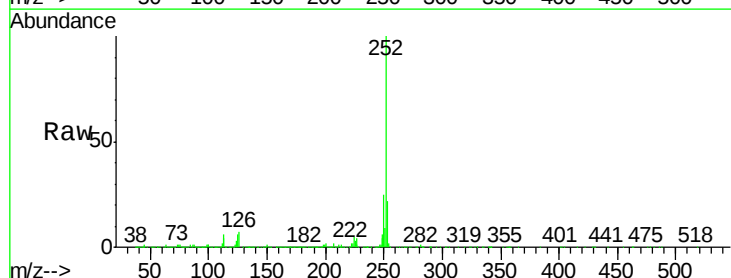
Instrument :
BNA_G
ClientSampleId :
PB96174BS

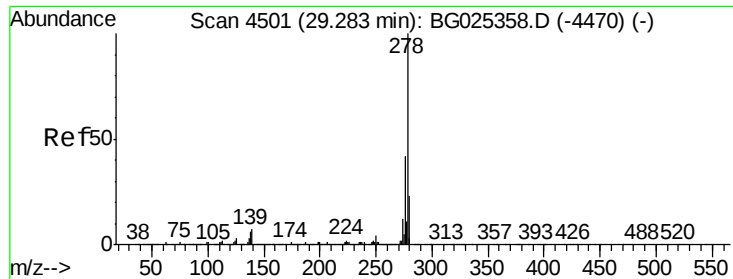
Tgt Ion:252 Resp: 2011758
Ion Ratio Lower Upper
252 100
253 23.4 20.2 30.2
125 6.3 5.1 7.7



#89
Benzo(a)pyrene
Concen: 49.10 ng
RT: 25.07 min Scan# 3784
Delta R.T. -0.03 min
Lab File: BG025573.D
Acq: 21 Jan 2017 14:44

Tgt Ion:252 Resp: 2022447
Ion Ratio Lower Upper
252 100
253 22.3 19.2 28.8
125 5.6 5.4 8.0





#90

Dibenzo(a,h)anthracene

Concen: 48.99 ng

RT: 29.18 min Scan# 4484

Delta R.T. -0.05 min

Lab File: BG025573.D

Acq: 21 Jan 2017 14:44

Instrument :

BNA_G

ClientSampleId :

PB96174BS

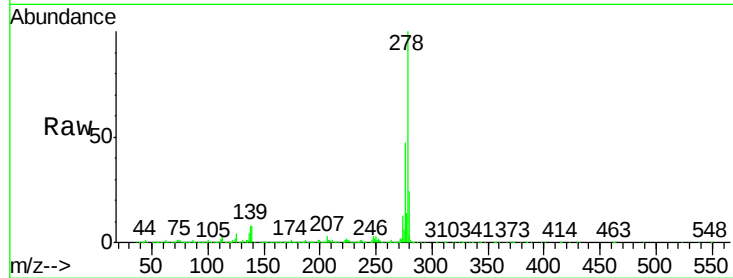
Tgt Ion:278 Resp: 2138890

Ion Ratio Lower Upper

278 100

139 7.7 7.7 11.5

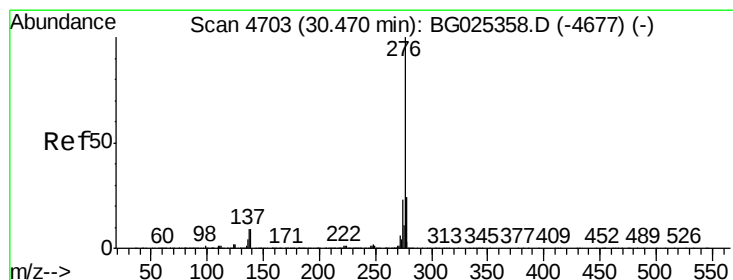
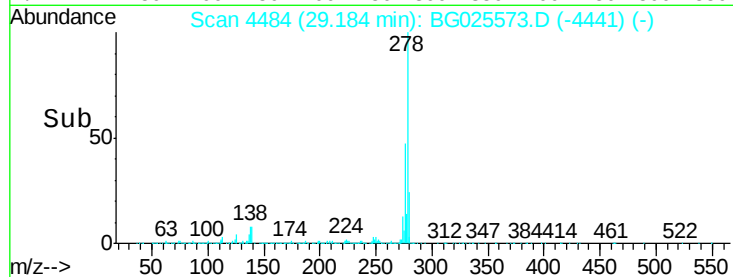
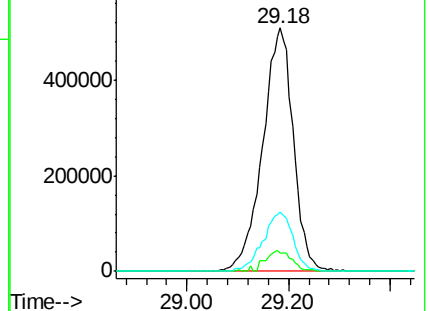
279 24.1 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 48.88 ng

RT: 30.36 min Scan# 4685

Delta R.T. -0.06 min

Lab File: BG025573.D

Acq: 21 Jan 2017 14:44

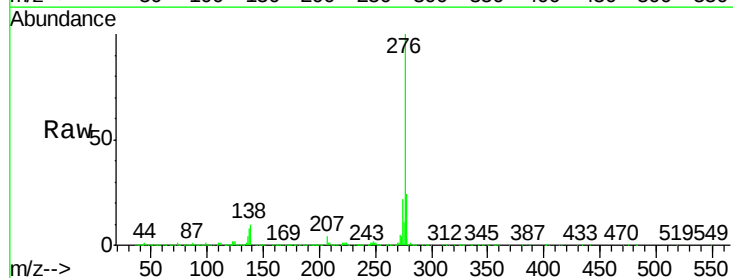
Tgt Ion:276 Resp: 2120478

Ion Ratio Lower Upper

276 100

277 23.9 18.6 27.8

138 10.2 8.1 12.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

