

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040517\
 Data File : BG026559.D
 Acq On : 5 Apr 2017 15:33
 Operator : SJ/MA
 Sample : PB98073BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB98073BS

Quant Time: Apr 06 01:00:19 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	173990	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	710804	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	418326	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	1001754	20.00	ng	-0.01
75) Chrysene-d12	21.63	240	1125000	20.00	ng	-0.01
86) Perylene-d12	24.80	264	1114661	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	1387552	141.55	ng	0.00
7) Phenol-d6	7.21	99	1746467	132.71	ng	0.00
23) Nitrobenzene-d5	9.20	82	940798	79.58	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	776886	162.17	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	2554839	85.65	ng	0.00
78) Terphenyl-d14	19.98	244	3451676	74.51	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	140273	31.88	ng	# 68
3) Pyridine	3.89	79	397196	32.96	ng	# 60
4) n-Nitrosodimethylamine	3.81	42	126072	38.28	ng	# 1
6) Aniline	7.37	93	512674	29.16	ng	# 85
8) 2-Chlorophenol	7.61	128	519712	47.08	ng	# 79
9) Benzaldehyde	7.18	77	329069	37.04	ng	# 65
10) Phenol	7.23	94	631690	44.98	ng	# 70
11) bis(2-Chloroethyl)ether	7.46	93	458171	39.78	ng	# 80
12) 1,3-Dichlorobenzene	7.93	146	565710	43.05	ng	# 85
13) 1,4-Dichlorobenzene	7.93	146	565710	42.56	ng	# 94
14) 1,2-Dichlorobenzene	8.40	146	554780	43.61	ng	# 89
15) Benzyl Alcohol	8.28	79	375434	43.51	ng	# 74
16) 2,2'-oxybis(1-Chloropropan	8.57	45	437138	34.18	ng	# 78
17) 2-Methylphenol	8.48	107	440406	44.16	ng	# 80
18) Hexachloroethane	9.12	117	181399	41.73	ng	# 97
19) n-Nitroso-di-n-propylamine	8.84	70	322167	38.08	ng	# 69
20) 3+4-Methylphenols	8.81	107	601630	43.81	ng	# 86
22) Acetophenone	8.86	105	706480	43.22	ng	# 73
24) Nitrobenzene	9.24	77	474747	40.67	ng	# 69
25) Isophorone	9.76	82	914144	41.03	ng	# 88
26) 2-Nitrophenol	9.95	139	300633	49.50	ng	# 62
27) 2,4-Dimethylphenol	10.01	122	492831	49.44	ng	# 85
28) bis(2-Chloroethoxy)methane	10.24	93	609144	42.08	ng	# 98
29) 2,4-Dichlorophenol	10.49	162	523097	51.88	ng	# 93
30) 1,2,4-Trichlorobenzene	10.70	180	545535	48.17	ng	# 99
31) Naphthalene	10.89	128	1545170	42.99	ng	# 100
32) Benzoic acid	10.15	122	328138	42.78	ng	# 70
33) 4-Chloroaniline	11.00	127	253495	17.34	ng	# 80
34) Hexachlorobutadiene	11.18	225	316103	47.31	ng	# 96
35) Caprolactam	11.76	113	90237	22.72	ng	# 53
36) 4-Chloro-3-methylphenol	12.11	107	505278	46.85	ng	# 74
37) 2-Methylnaphthalene	12.48	142	1193056	45.32	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	573165	45.54	ng	# 98
40) Hexachlorocyclopentadiene	12.84	237	656272	99.06	ng	# 96

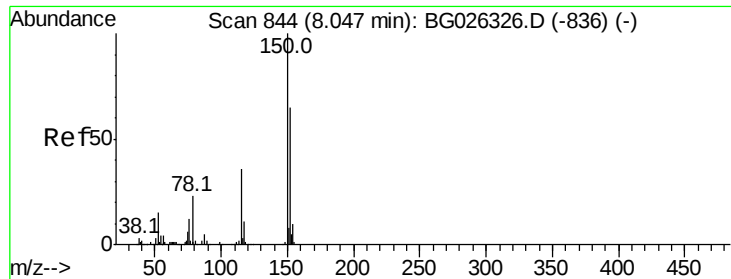
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	416614	50.55	nq	99
43) 2,4,5-Trichlorophenol	13.17	196	444705	48.82	nq	# 92
45) 1,1'-Biphenyl	13.48	154	1512538	43.66	nq	97
46) 2-Chloronaphthalene	13.53	162	1144048	45.21	nq	97
47) 2-Nitroaniline	13.73	65	289782	40.27	nq	# 46
48) Acenaphthylene	14.37	152	1862612	42.23	nq	99
49) Dimethylphthalate	14.10	163	1462344	46.31	nq	98
50) 2,6-Dinitrotoluene	14.22	165	351649	47.72	nq	# 57
51) Acenaphthene	14.71	154	1181099	43.48	nq	98
52) 3-Nitroaniline	14.55	138	208521	25.70	nq	# 65
53) 2,4-Dinitrophenol	14.76	184	355247	83.10	nq	# 72
54) Dibenzofuran	15.05	168	1804694	47.19	nq	# 89
55) 4-Nitrophenol	14.86	139	616972	92.85	nq	# 38
56) 2,4-Dinitrotoluene	15.01	165	500901	48.33	nq	# 66
57) Fluorene	15.69	166	1492143	43.84	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.27	232	425909	53.61	nq	# 95
59) Diethylphthalate	15.45	149	1443939	44.74	nq	99
60) 4-Chlorophenyl-phenylether	15.67	204	747507	46.35	nq	89
61) 4-Nitroaniline	15.71	138	392597	45.74	nq	# 48
62) Azobenzene	15.97	77	1155295	44.03	nq	77
64) 4,6-Dinitro-2-methylphenol	15.77	198	309208	48.96	nq	84
65) n-Nitrosodiphenylamine	15.89	169	1334835	45.40	nq	99
66) 4-Bromophenyl-phenylether	16.57	248	509689	49.43	nq	94
67) Hexachlorobenzene	16.70	284	539933	49.09	nq	# 88
68) Atrazine	16.83	200	491581	44.17	nq	97
69) Pentachlorophenol	17.04	266	666384	93.19	nq	98
70) Phenanthrene	17.42	178	2318200	43.09	nq	99
71) Anthracene	17.51	178	2403288	43.79	nq	97
72) Carbazole	17.78	167	2282416	40.39	nq	97
73) Di-n-butylphthalate	18.33	149	2486991	42.84	nq	# 94
74) Fluoranthene	19.42	202	2728905	43.14	nq	98
76) Benzidine	19.59	184	1158146	29.86	nq	99
77) Pyrene	19.78	202	2771274	42.54	nq	98
79) Butylbenzylphthalate	20.66	149	1178402	45.21	nq	# 83
80) Benzo(a)anthracene	21.60	228	2733261	43.17	nq	99
81) 3,3'-Dichlorobenzidine	21.52	252	678503	26.18	nq	# 98
82) Chrysene	21.67	228	2526020	41.76	nq	99
83) Bis(2-ethylhexyl)phthalate	21.50	149	1678444	42.64	nq	96
84) Di-n-octyl phthalate	22.69	149	2843742	42.33	nq	# 81
85) Indeno(1,2,3-cd)pyrene	28.43	276	3531018	47.28	nq	# 88
87) Benzo(b)fluoranthene	23.79	252	2966739	45.15	nq	# 96
88) Benzo(k)fluoranthene	23.87	252	2829174	44.40	nq	# 95
89) Benzo(a)pyrene	24.66	252	2846504	45.17	nq	# 96
90) Dibenzo(a,h)anthracene	28.49	278	2965802	46.56	nq	# 94
91) Benzo(g,h,i)perylene	29.56	276	2919531	45.49	nq	# 88

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.00 min

Lab File: BG026559.D

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PB98073BS

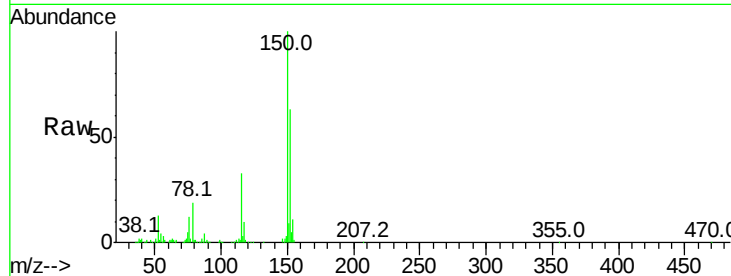
Tot Ion:152 Resp: 173990

Ion Ratio Lower Upper

152 100

150 158.5 114.0 171.0

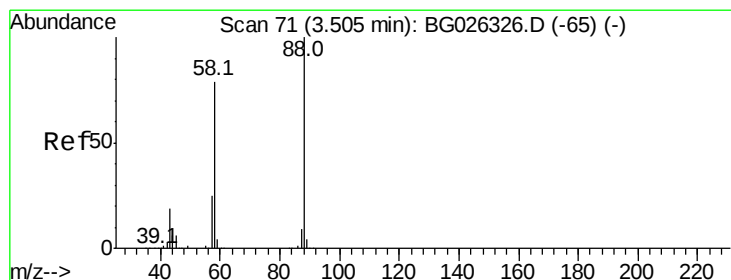
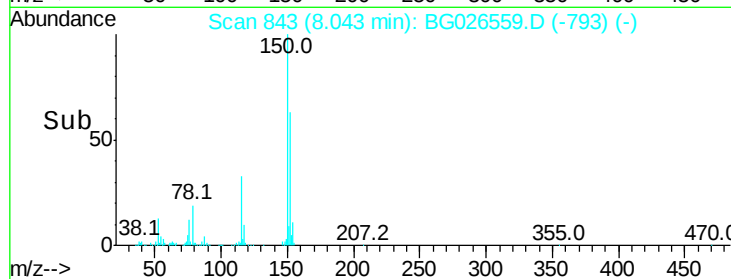
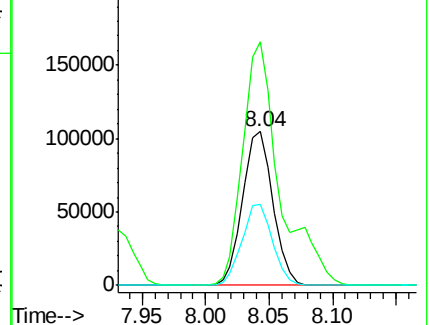
115 52.5 48.1 72.1



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: 31.88 ng

RT: 3.50 min Scan# 70

Delta R.T. -0.00 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

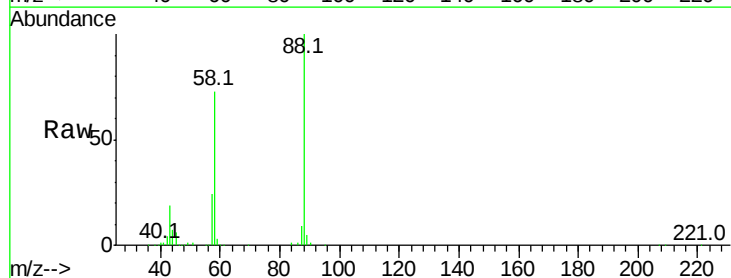
Tgt Ion: 88 Resp: 140273

Ion Ratio Lower Upper

88 100

58 69.8 79.4 119.2#

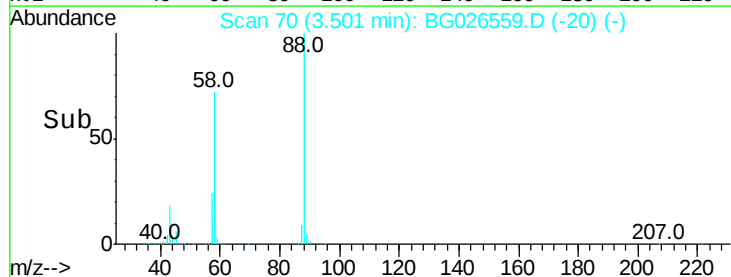
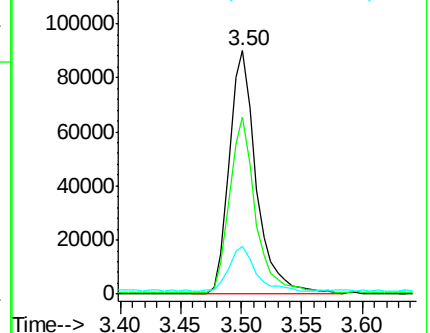
43 18.2 33.8 50.6#



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

Pvridine

Concen: 32.96 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Instrument :

BNA_G

ClientSampleId :

PB98073BS

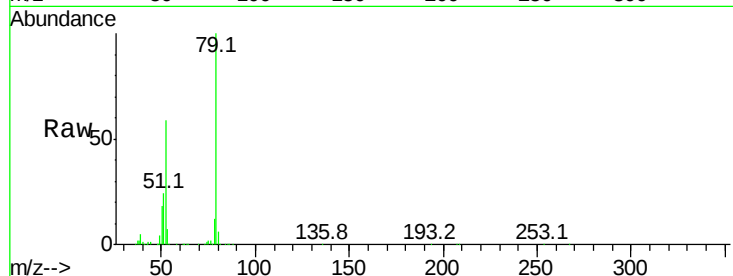
Tot Ion: 79 Resp: 397196

Ion Ratio Lower Upper

79 100

52 58.6 77.8 116.6#

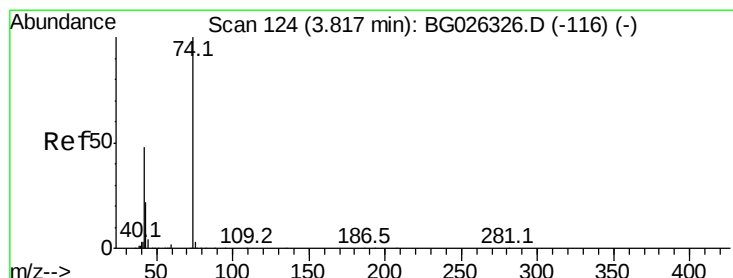
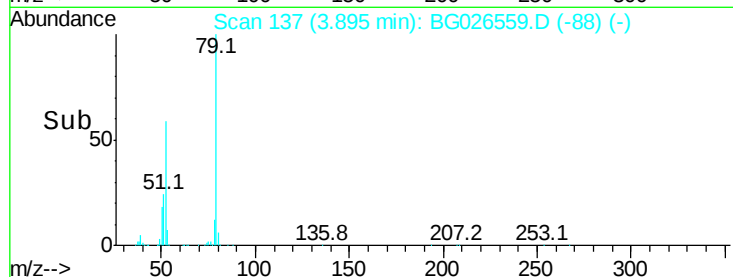
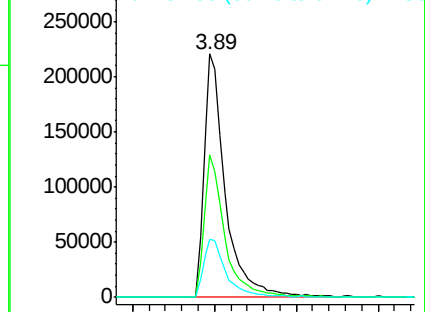
51 23.9 43.2 64.8#



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: 38.28 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.00 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

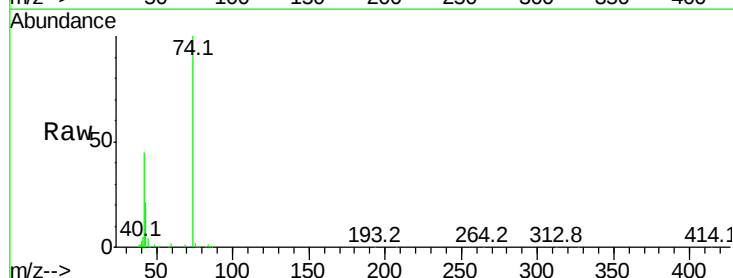
Tgt Ion: 42 Resp: 126072

Ion Ratio Lower Upper

42 100

74 221.4 76.7 115.1#

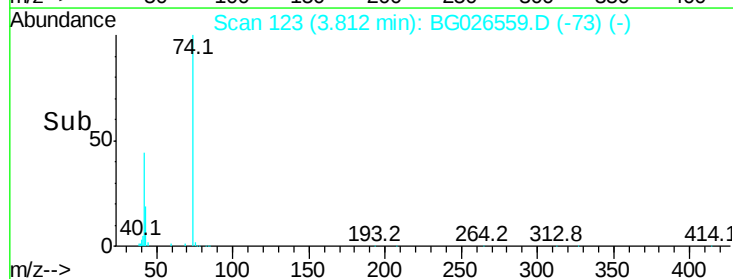
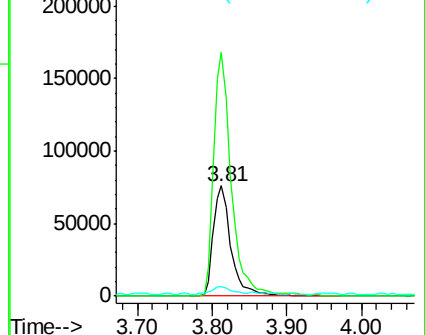
44 8.7 6.1 9.1

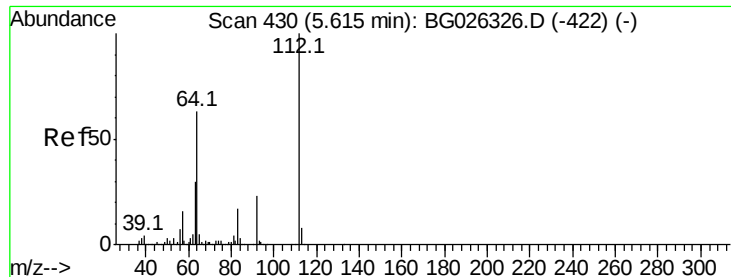


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 141.55 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Instrument :

BNA_G

ClientSampled :

PB98073BS

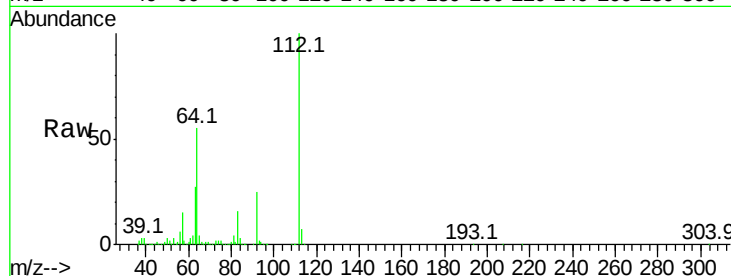
Tot Ion:112 Resp: 1387552

Ion Ratio Lower Upper

112 100

64 55.3 61.8 92.6#

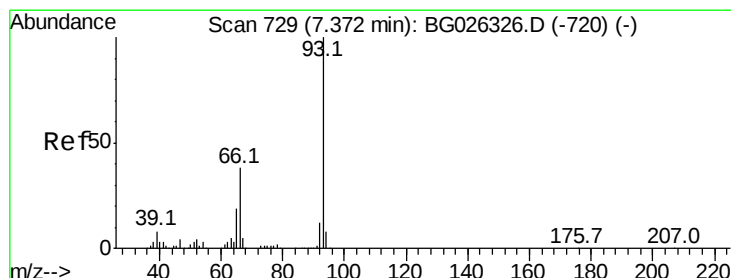
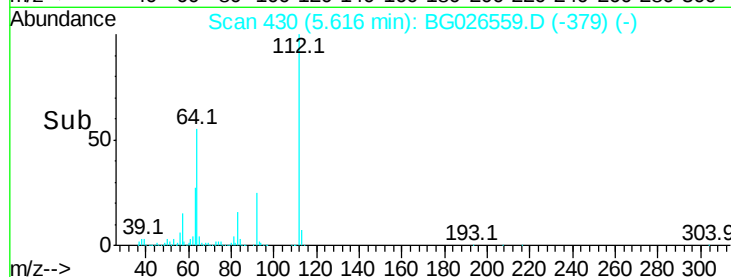
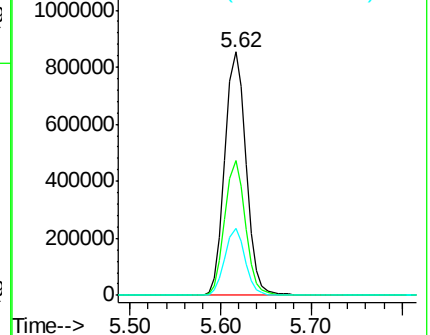
63 27.4 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 29.16 ng

RT: 7.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

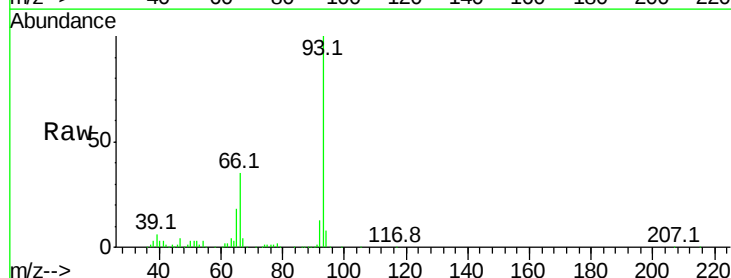
Tgt Ion: 93 Resp: 512674

Ion Ratio Lower Upper

93 100

66 35.2 35.4 53.2#

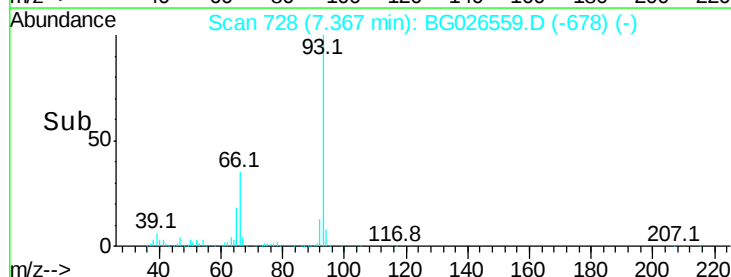
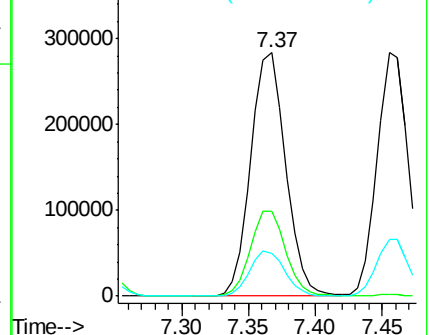
65 17.7 21.2 31.8#



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: 132.71 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

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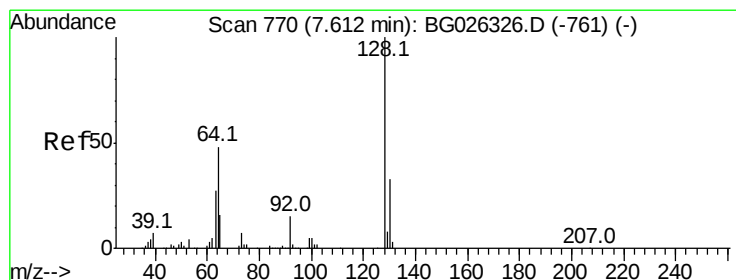
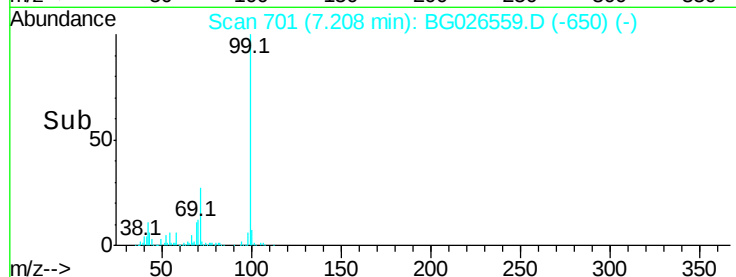
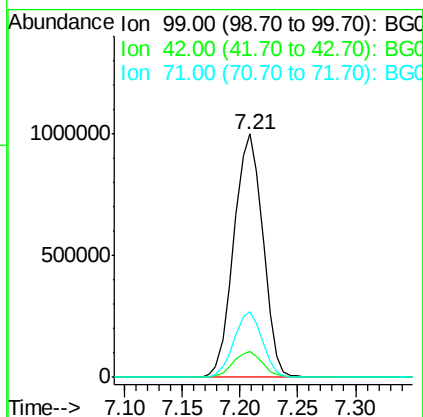
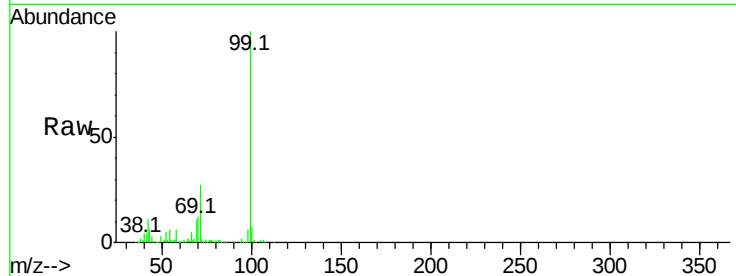
Tot Ion: 99 Resp: 1746467

Ion Ratio Lower Upper

99 100

42 10.8 20.5 30.7#

71 27.0 37.6 56.4#



#8

2-Chlorophenol

Concen: 47.08 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

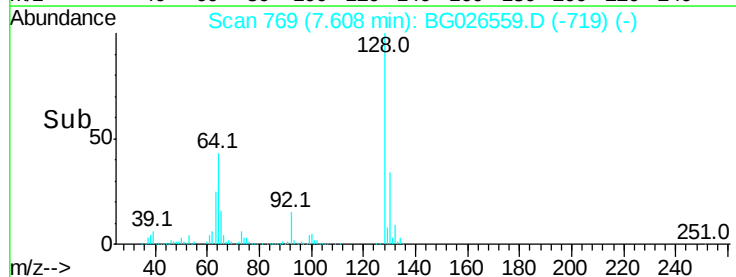
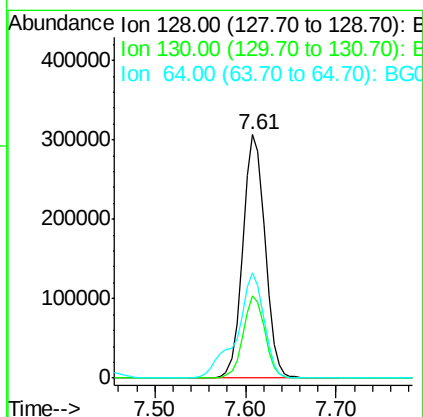
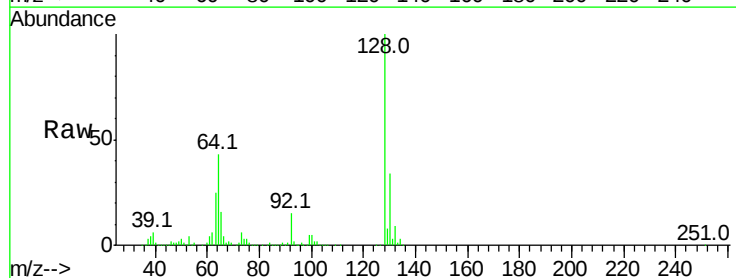
Tgt Ion:128 Resp: 519712

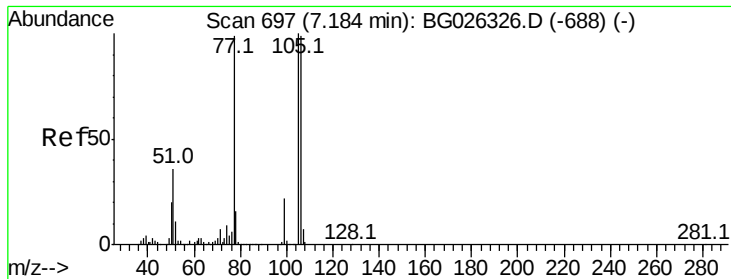
Ion Ratio Lower Upper

128 100

130 33.7 11.4 51.4

64 43.2 46.6 86.6#





#9

Benzaldehyde

Concen: 37.04 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG026559.D

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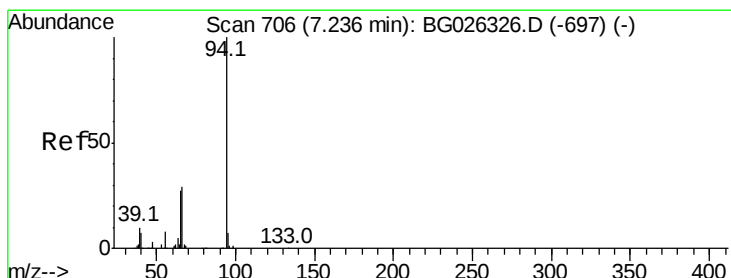
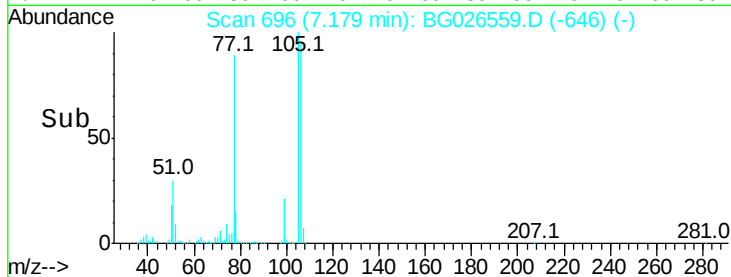
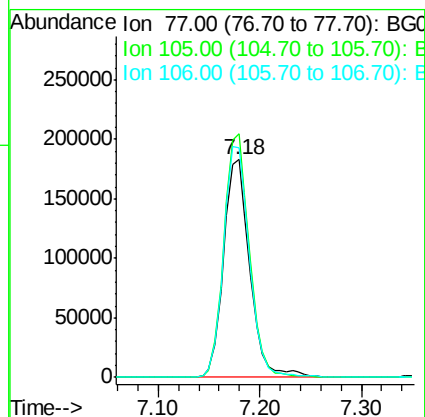
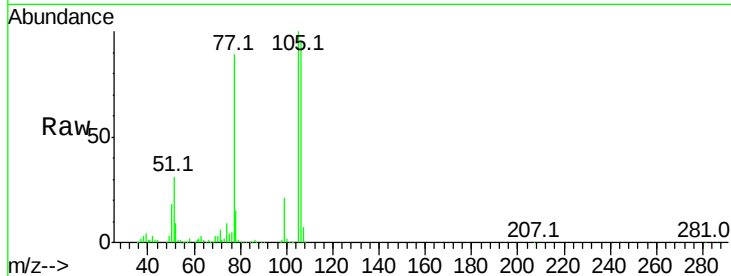
Tot Ion: 77 Resp: 329069

Ion Ratio Lower Upper

77 100

105 111.8 60.9 100.9#

106 105.7 55.1 95.1#



#10

Phenol

Concen: 44.98 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

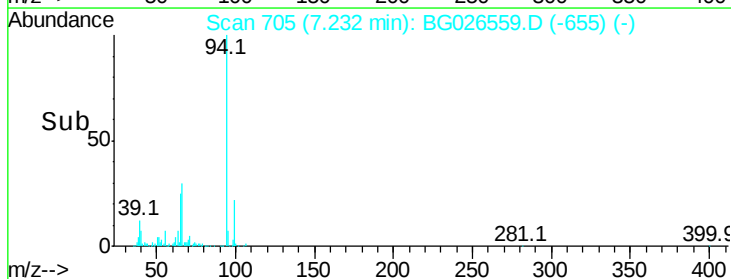
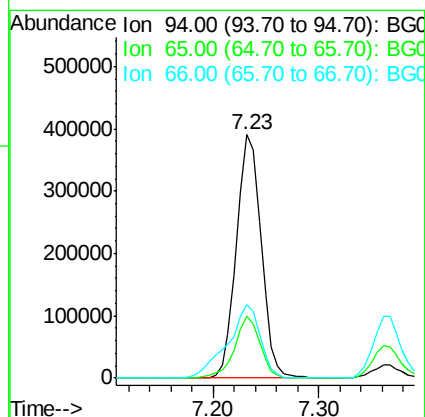
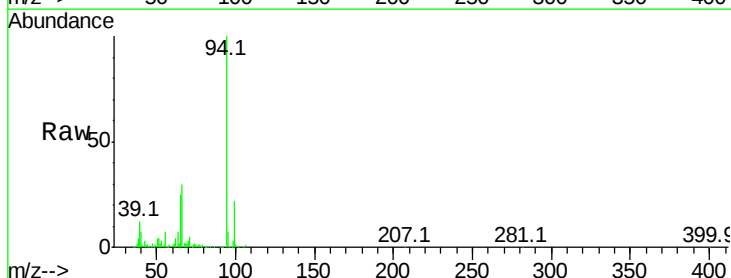
Tgt Ion: 94 Resp: 631690

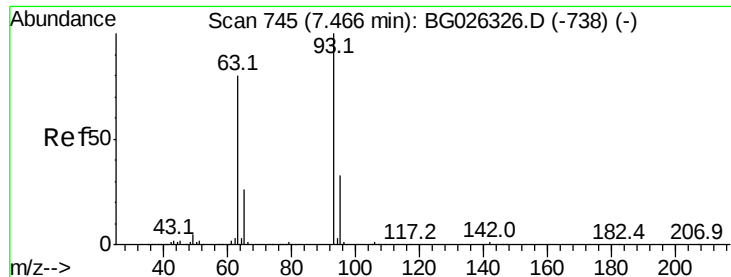
Ion Ratio Lower Upper

94 100

65 25.5 20.6 60.6

66 30.1 35.5 75.5#





#11

bis(2-Chloroethyl)ether

Concen: 39.78 ng

RT: 7.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Instrument :

BNA_G

ClientSampleId :

PB98073BS

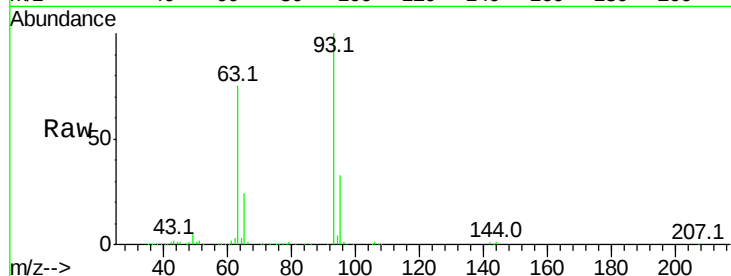
Tot Ion: 93 Resp: 458171

Ion Ratio Lower Upper

93 100

63 74.9 78.5 118.5#

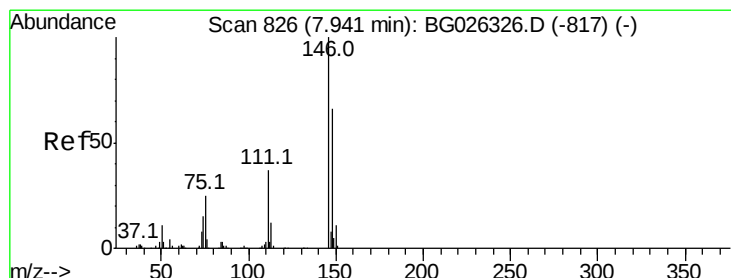
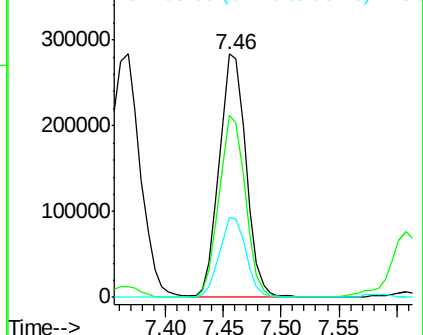
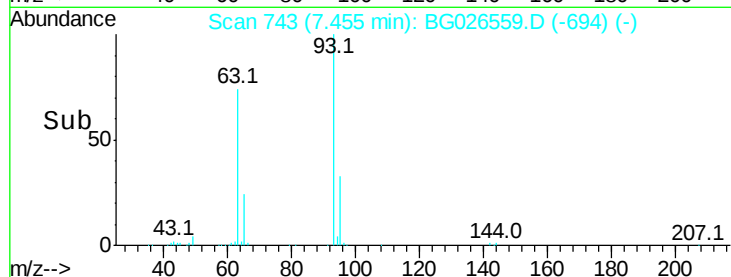
95 33.0 9.8 49.8



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 43.05 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

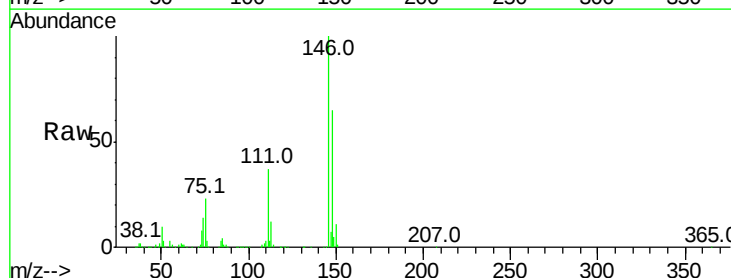
Tgt Ion: 146 Resp: 565710

Ion Ratio Lower Upper

146 100

148 65.4 49.2 73.8

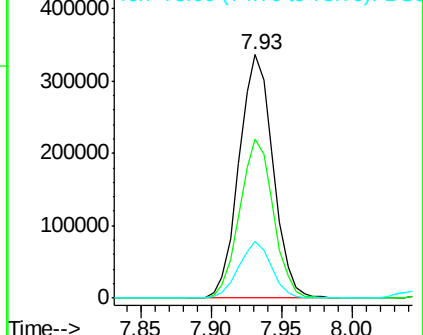
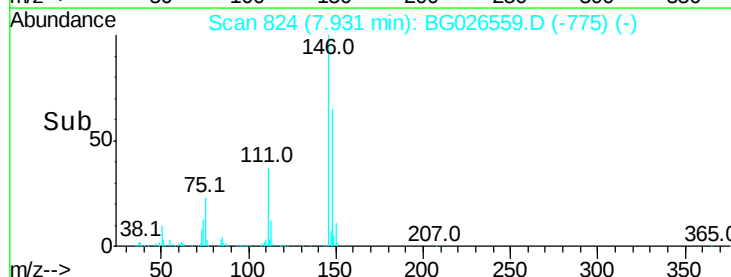
75 23.1 33.4 50.2#

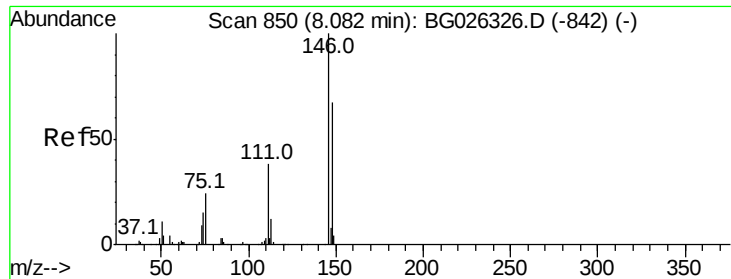


Abundance Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 42.56 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.15 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Instrument :

BNA_G

ClientSampleId :

PB98073BS

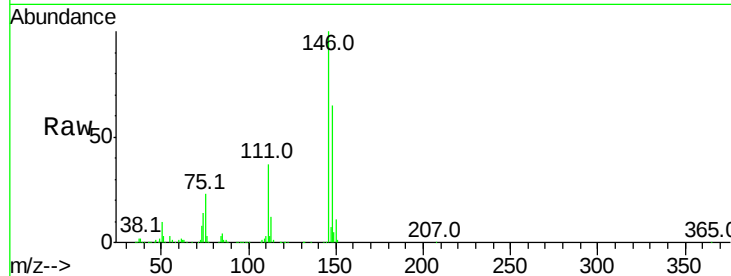
Tot Ion:146 Resp: 565710

Ion Ratio Lower Upper

146 100

148 65.4 52.2 78.2

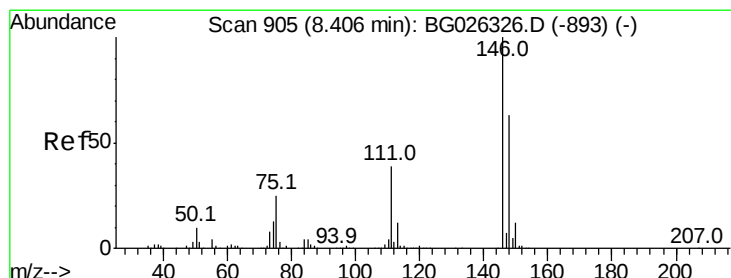
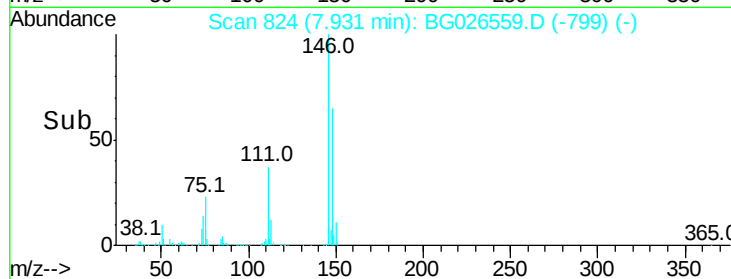
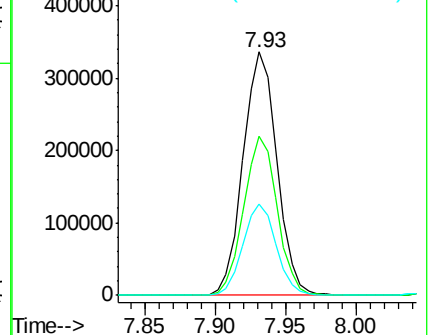
111 37.4 37.0 55.6



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: 43.61 ng

RT: 8.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

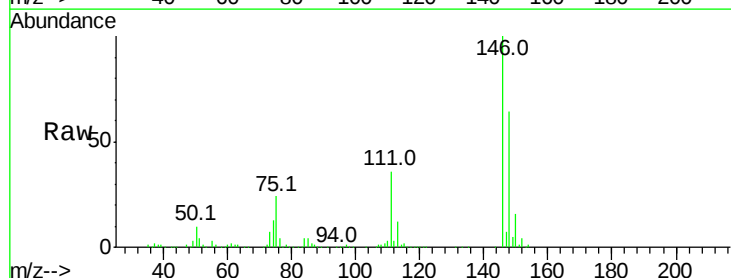
Tgt Ion:146 Resp: 554780

Ion Ratio Lower Upper

146 100

148 64.3 54.6 81.8

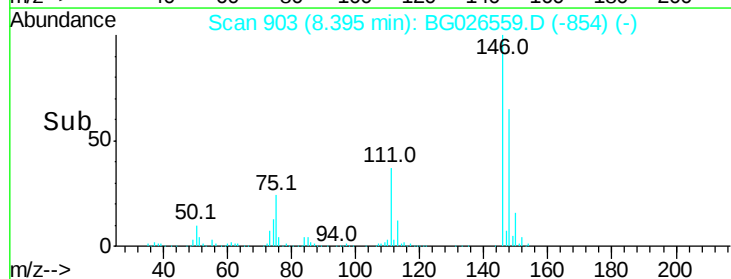
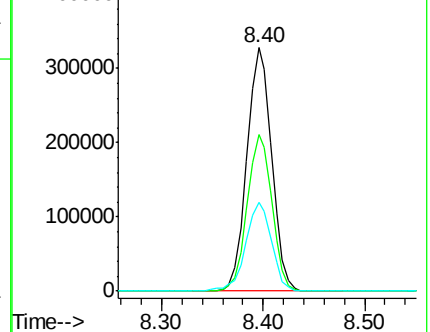
111 36.4 39.7 59.5#



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: 43.51 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Instrument :

BNA_G

ClientSampleId :

PB98073BS

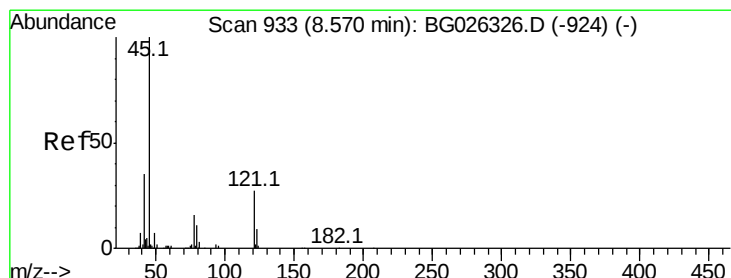
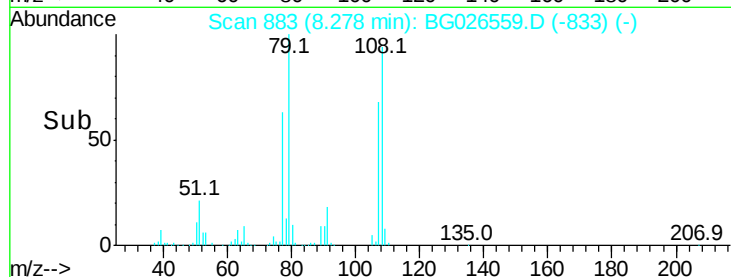
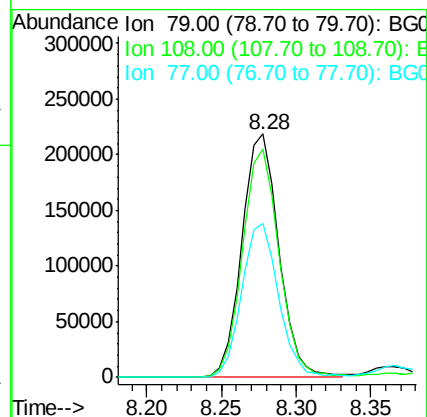
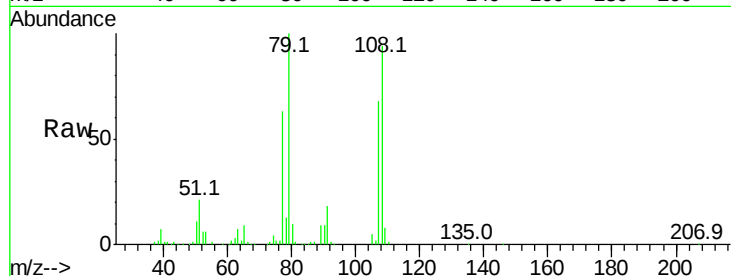
Tot Ion: 79 Resp: 375434

Ion Ratio Lower Upper

79 100

108 93.8 45.5 68.3#

77 63.1 54.3 81.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.18 ng

RT: 8.57 min Scan# 933

Delta R.T. 0.00 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

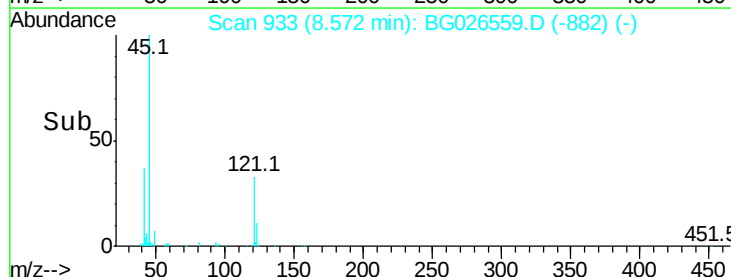
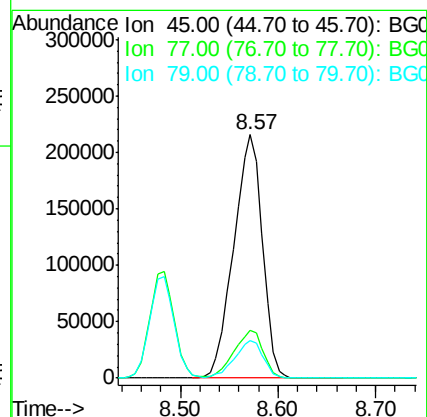
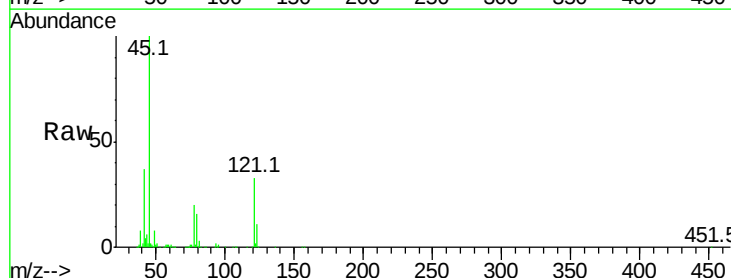
Tgt Ion: 45 Resp: 437138

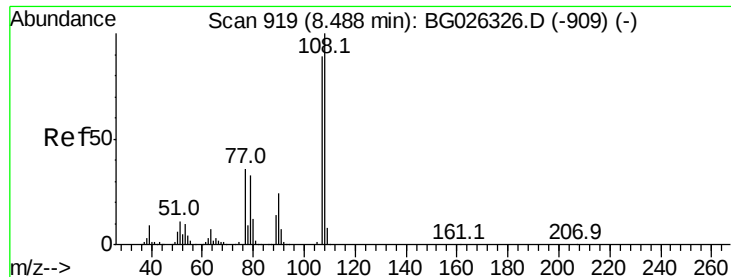
Ion Ratio Lower Upper

45 100

77 19.8 0.0 30.6

79 15.6 0.0 28.5





#17

2-Methylphenol

Concen: 44.16 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Instrument :

BNA_G

ClientSampleId :

PB98073BS

Tot Ion:107 Resp: 440406

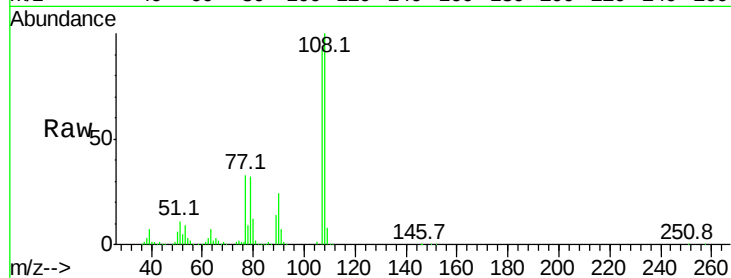
Ion Ratio Lower Upper

107 100

108 109.0 85.6 128.4

77 36.3 51.4 77.2#

79 34.9 49.2 73.8#



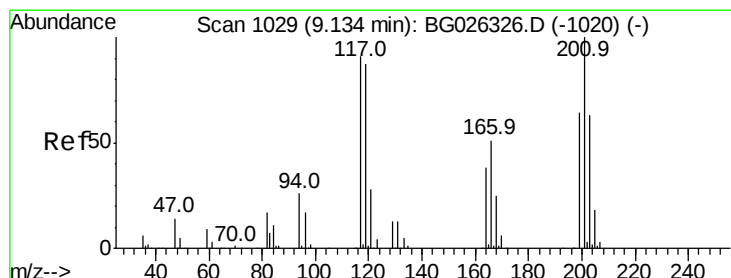
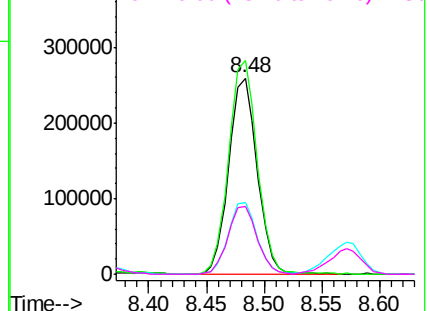
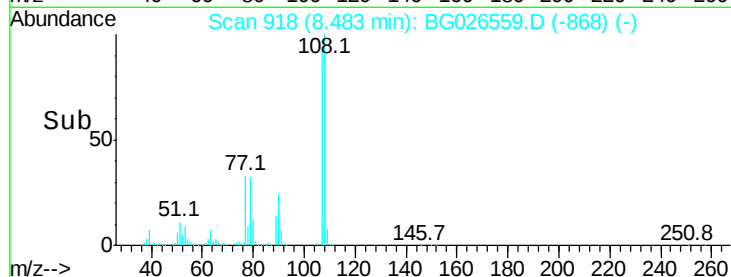
Abundance

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: 41.73 ng

RT: 9.12 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

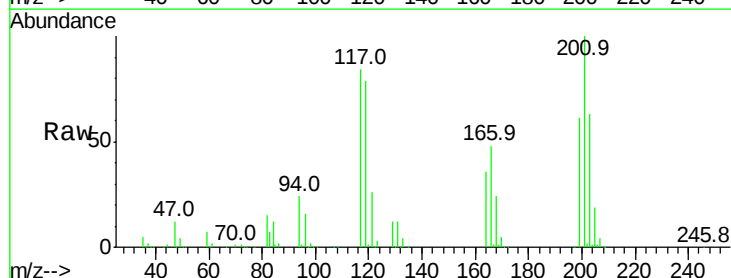
Tgt Ion:117 Resp: 181399

Ion Ratio Lower Upper

117 100

119 94.4 69.8 104.6

201 118.8 95.4 143.0

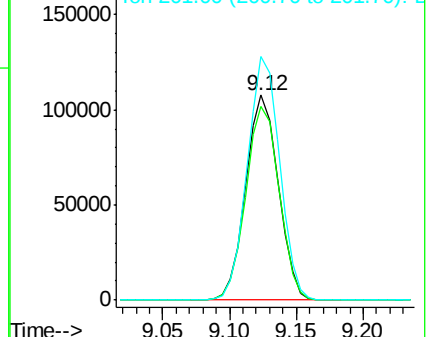
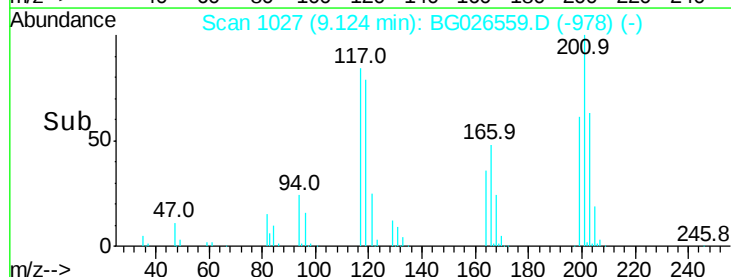


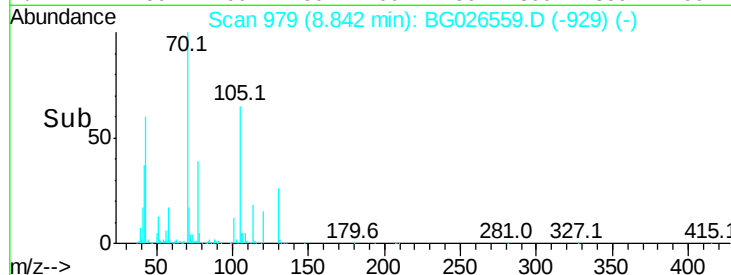
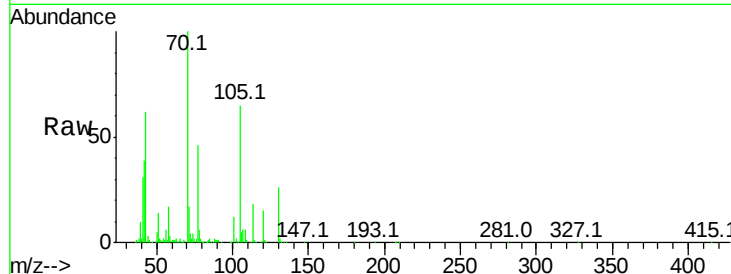
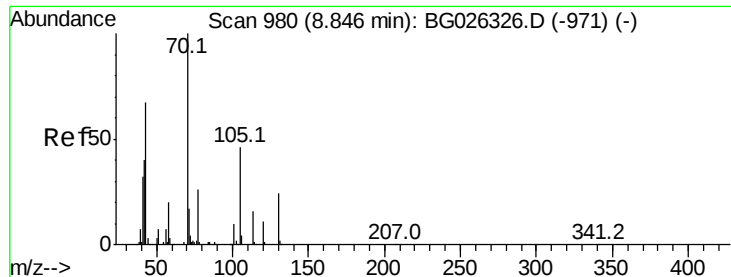
Abundance

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: 38.08 ng

RT: 8.84 min Scan# 979

Delta R.T. -0.00 min

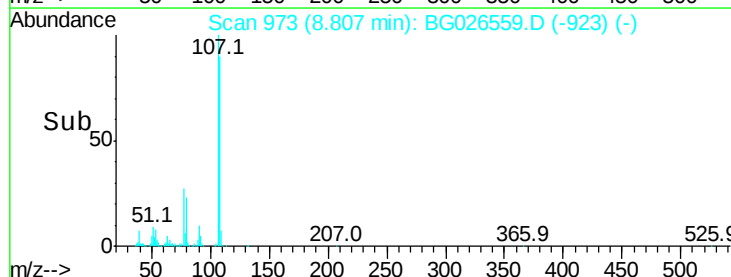
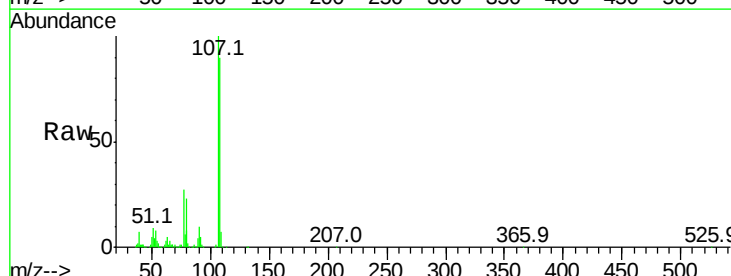
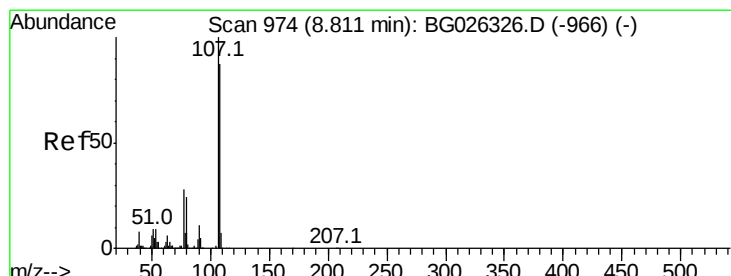
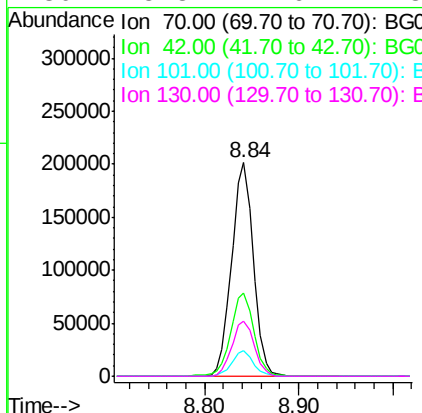
Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Instrument :
BNA_G
ClientSampleId :
PB98073BS

Tot Ion: 70 Resp: 322167

Ion	Ratio	Lower	Upper
70	100		
42	38.9	56.1	84.1#
101	12.0	7.5	11.3#
130	25.8	14.6	21.8#



#20

3+4-Methylphenols

Concen: 43.81 ng

RT: 8.81 min Scan# 973

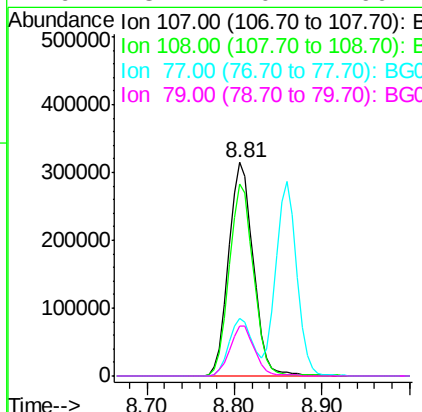
Delta R.T. -0.00 min

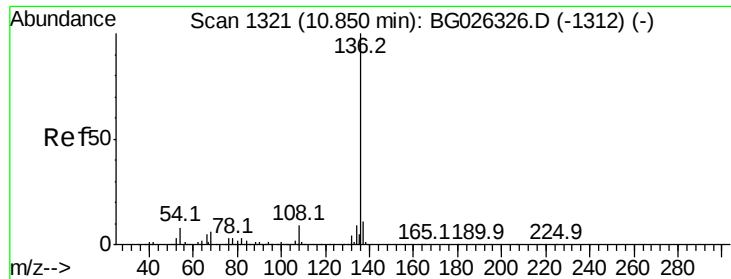
Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Tgt Ion: 107 Resp: 601630

Ion	Ratio	Lower	Upper
107	100		
108	89.9	70.8	110.8
77	26.9	25.8	65.8
79	23.1	20.1	60.1

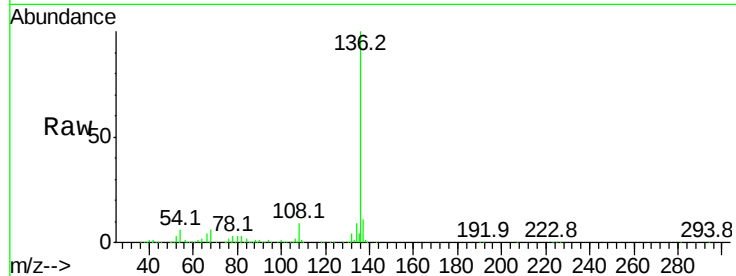




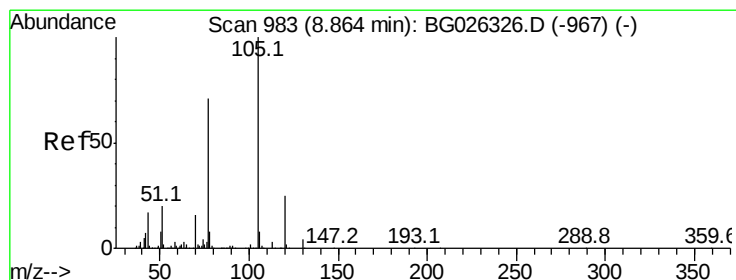
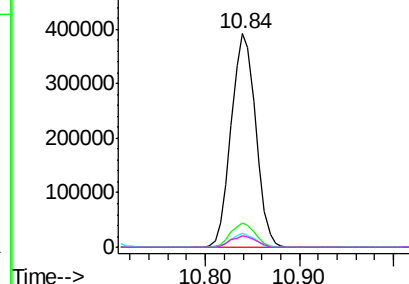
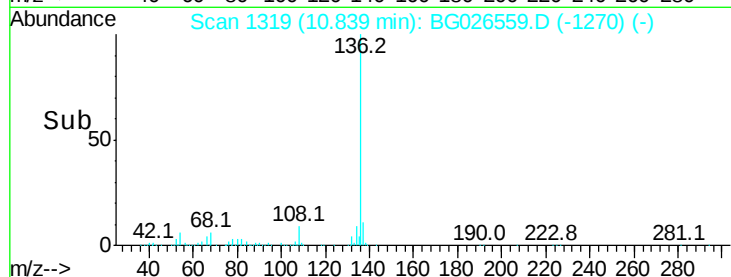
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Instrument :
BNA_G
ClientSampleId :
PB98073BS

Tot Ion:	136	Resp:	710804
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	6.5	9.3	13.9#
68	5.7	5.1	7.7

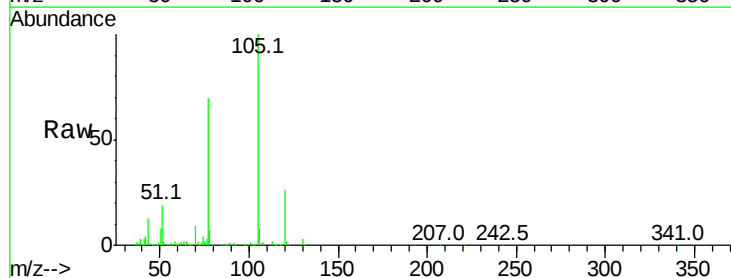


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

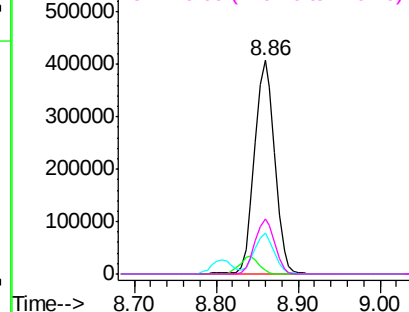
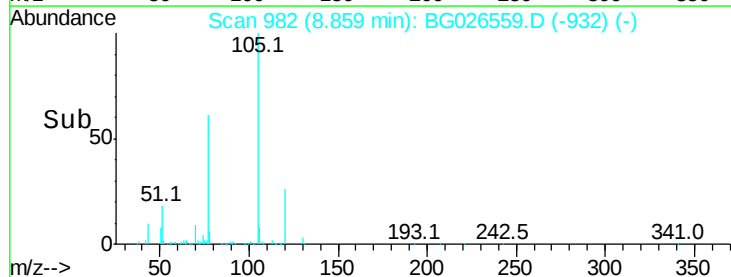


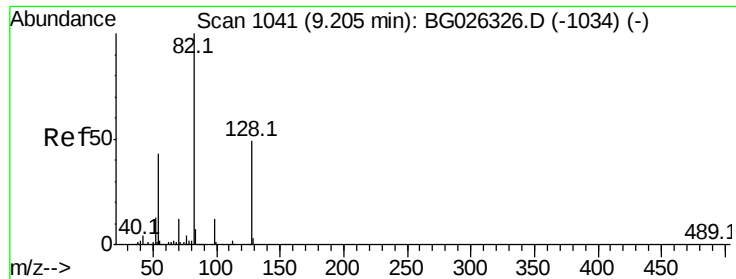
#22
Acetophenone
Concen: 43.22 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Tgt Ion:	105	Resp:	706480
Ion	Ratio	Lower	Upper
105	100		
71	1.8	0.9	1.3#
51	19.2	34.0	51.0#
120	25.9	17.3	25.9#



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

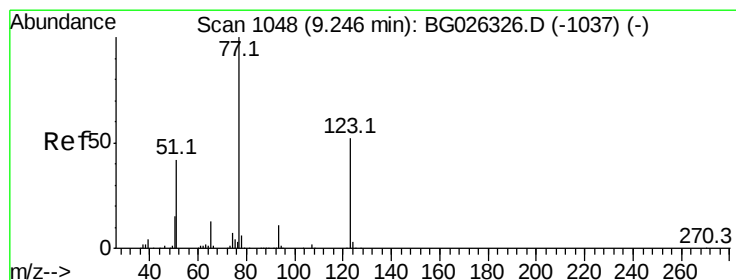
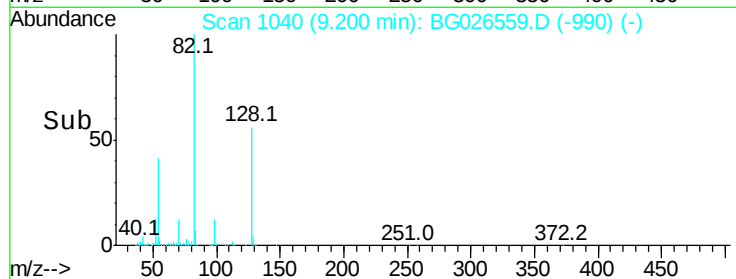
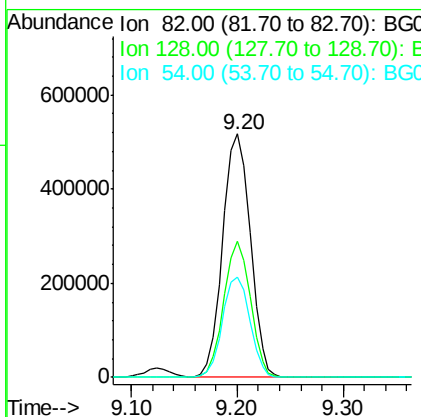
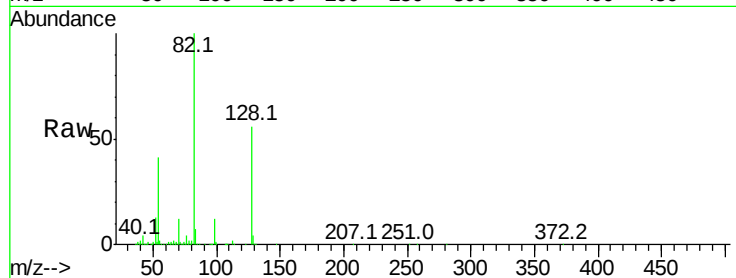




#23
 Nitrobenzene-d5
 Concen: 79.58 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG026559.D
 Acq: 5 Apr 2017 15:33

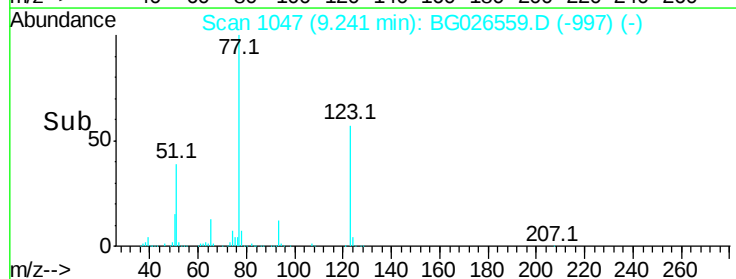
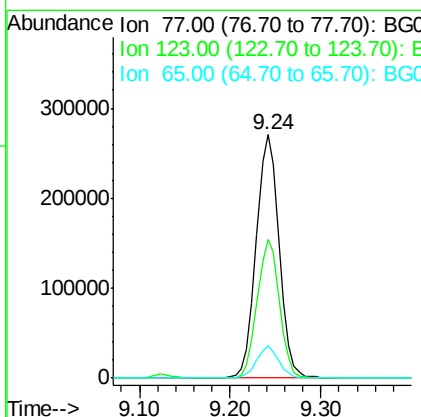
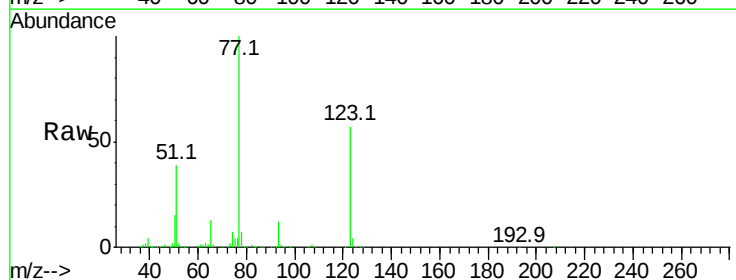
Instrument :
 BNA_G
 ClientSampleId :
 PB98073BS

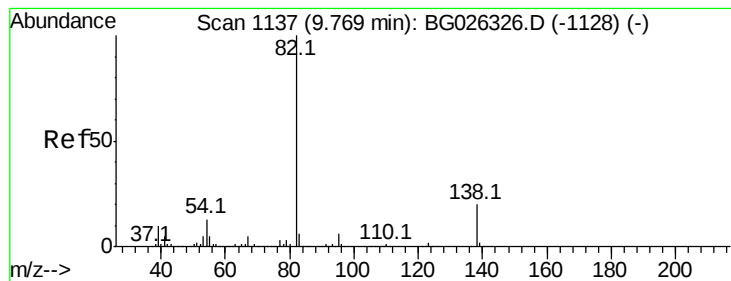
Tot Ion: 82 Resp: 940798
 Ion Ratio Lower Upper
 82 100
 128 56.0 26.4 39.6#
 54 41.3 49.4 74.2#



#24
 Nitrobenzene
 Concen: 40.67 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG026559.D
 Acq: 5 Apr 2017 15:33

Tgt Ion: 77 Resp: 474747
 Ion Ratio Lower Upper
 77 100
 123 57.0 26.1 39.1#
 65 13.2 12.4 18.6





#25

Isophorone

Concen: 41.03 ng

RT: 9.76 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Instrument :

BNA_G

ClientSampleId :

PB98073BS

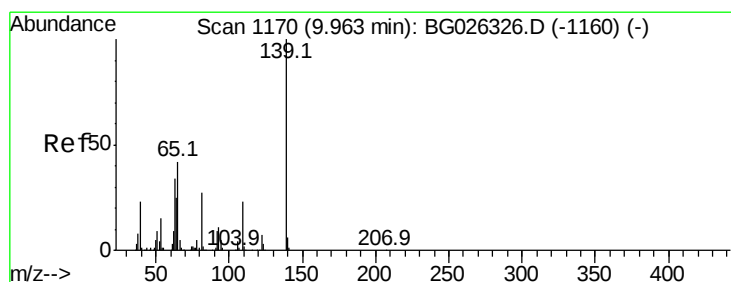
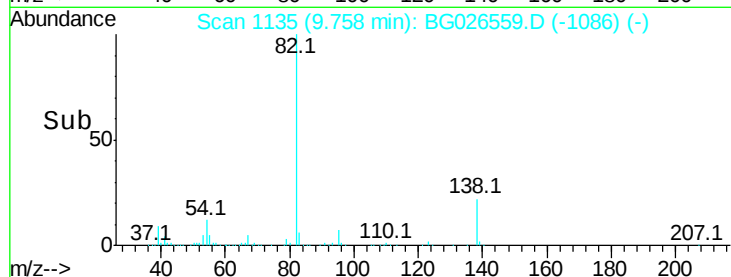
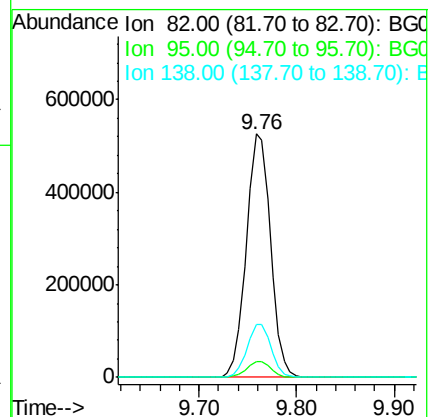
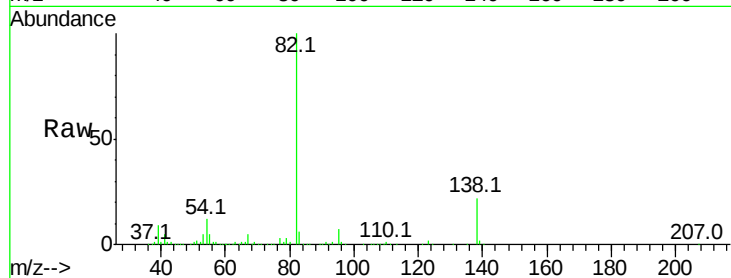
Tot Ion: 82 Resp: 914144

Ion Ratio Lower Upper

82 100

95 6.7 7.5 11.3#

138 21.7 12.3 18.5#



#26

2-Nitrophenol

Concen: 49.50 ng

RT: 9.95 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

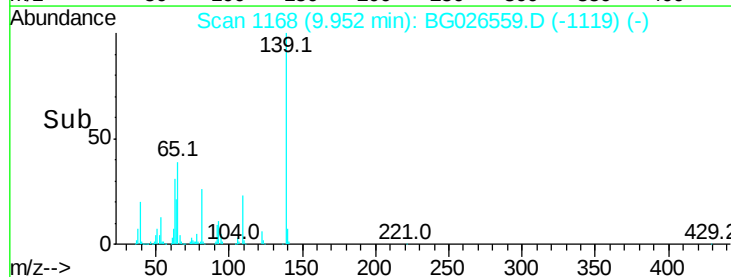
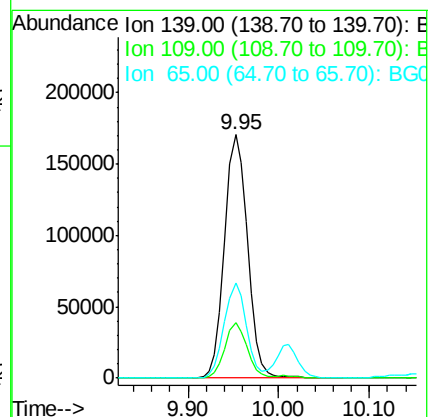
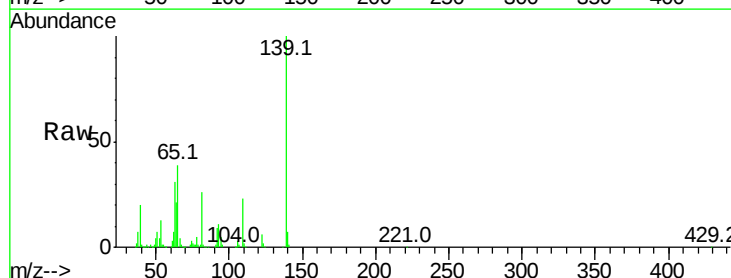
Tgt Ion: 139 Resp: 300633

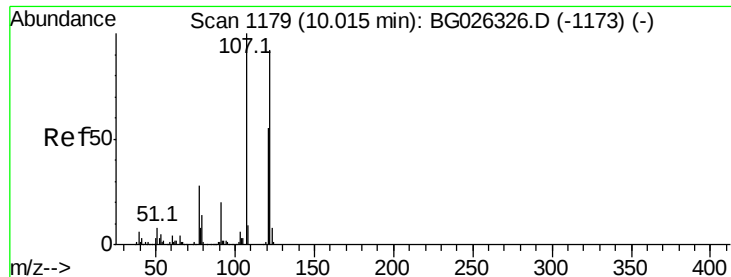
Ion Ratio Lower Upper

139 100

109 22.7 38.6 58.0#

65 39.1 57.1 85.7#





#27

2,4-Dimethylphenol

Concen: 49.44 ng

RT: 10.01 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Instrument :

BNA_G

ClientSampleId :

PB98073BS

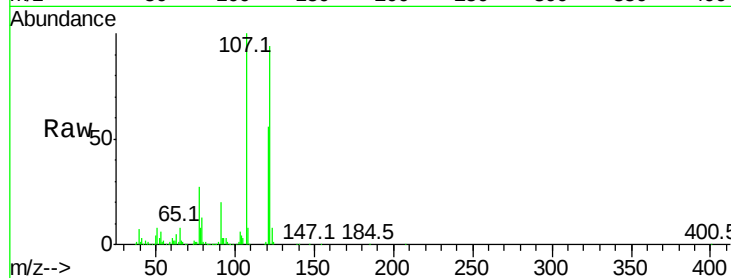
Tot Ion:122 Resp: 492831

Ion Ratio Lower Upper

122 100

107 106.6 104.2 156.4

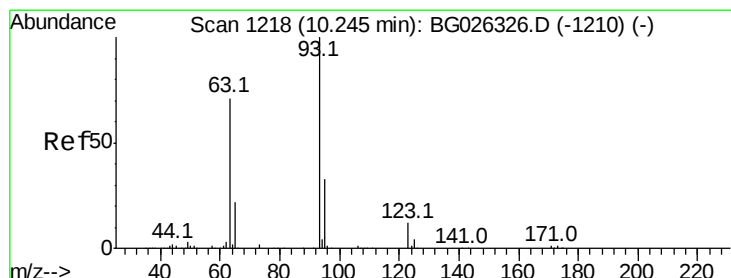
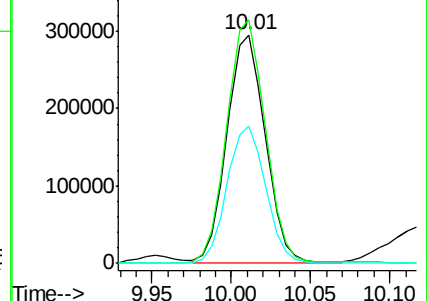
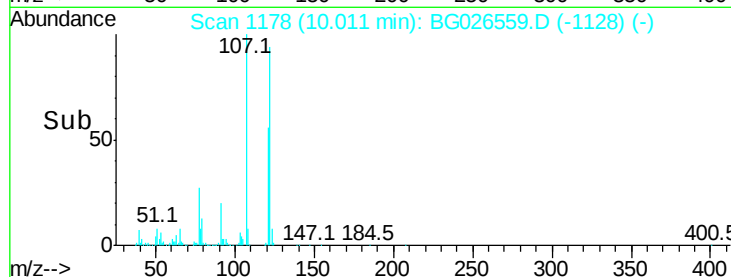
121 60.2 46.0 69.0



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: 42.08 ng

RT: 10.24 min Scan# 1217

Delta R.T. -0.00 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

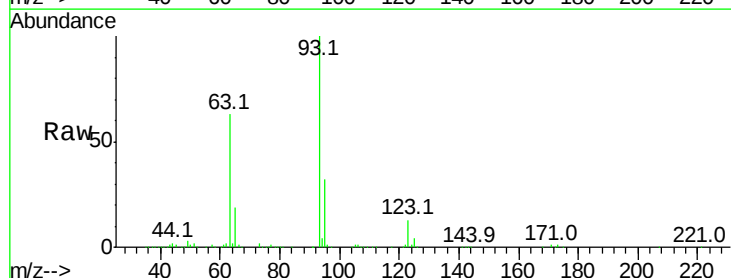
Tgt Ion: 93 Resp: 609144

Ion Ratio Lower Upper

93 100

95 31.9 25.7 38.5

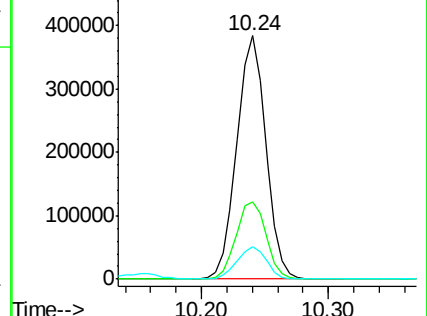
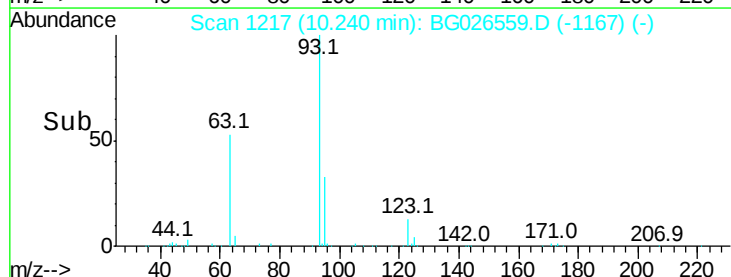
123 13.2 8.3 12.5#

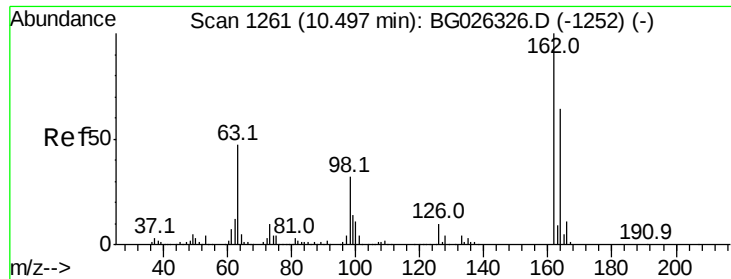


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

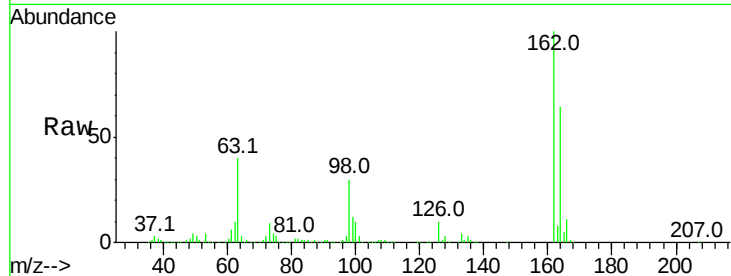




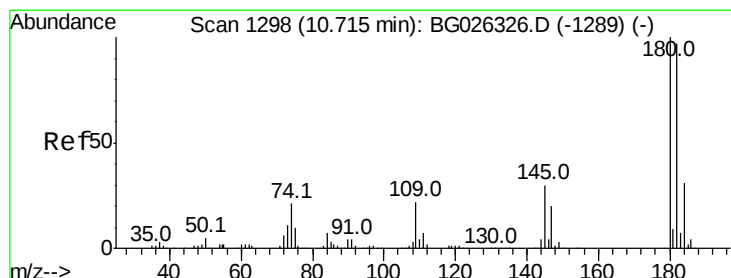
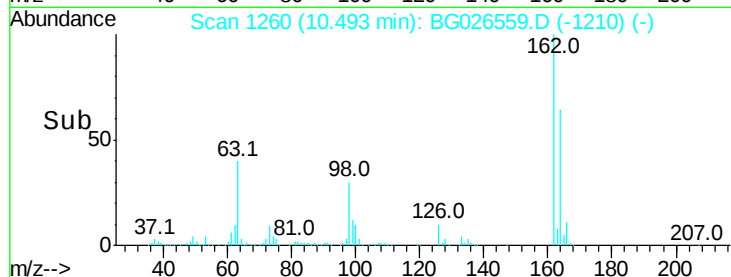
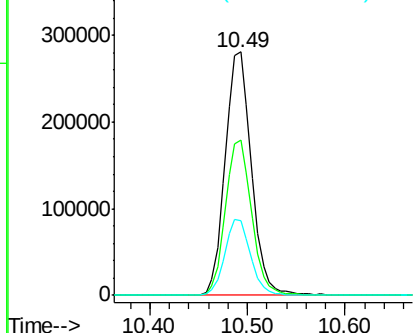
#29
 2,4-Dichlorophenol
 Concen: 51.88 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BG026559.D
 Acq: 5 Apr 2017 15:33

Instrument :
 BNA_G
 ClientSampleId :
 PB98073BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	42.4	82.4
98	30.5	20.3	60.3

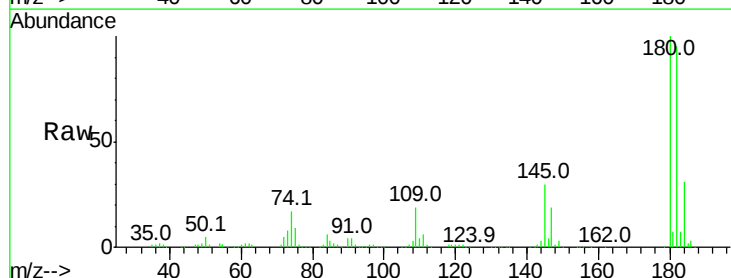


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

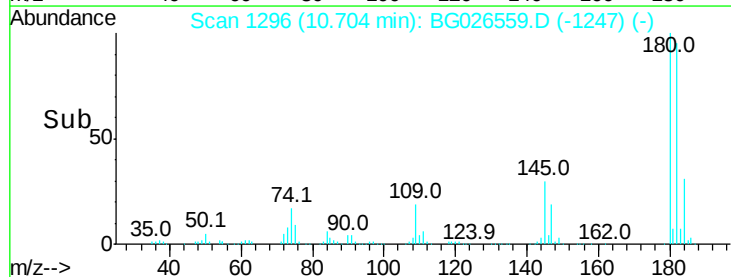
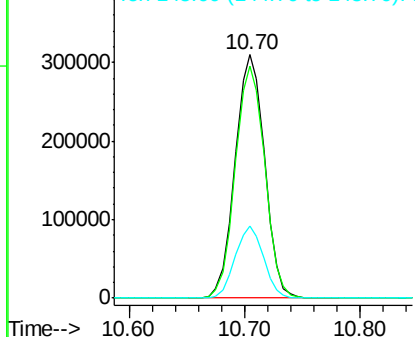


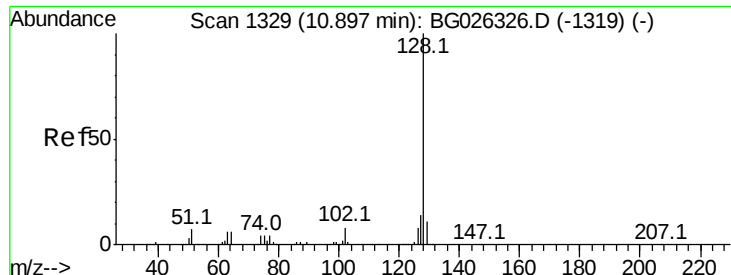
#30
 1,2,4-Trichlorobenzene
 Concen: 48.17 ng
 RT: 10.70 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BG026559.D
 Acq: 5 Apr 2017 15:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	77.0	115.4
145	29.7	23.4	35.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

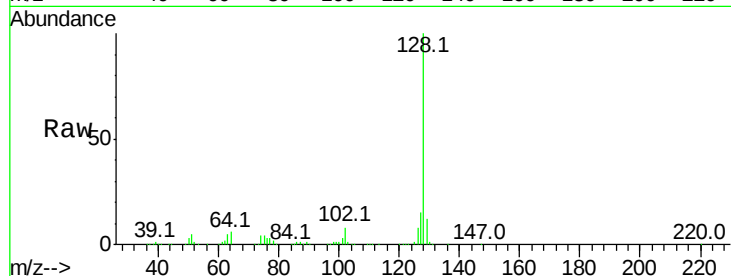




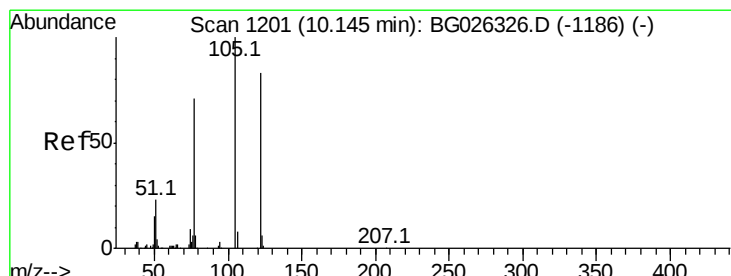
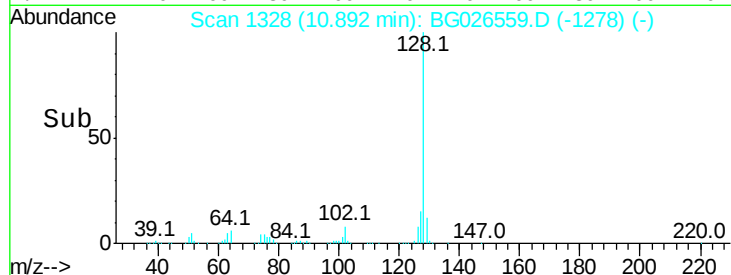
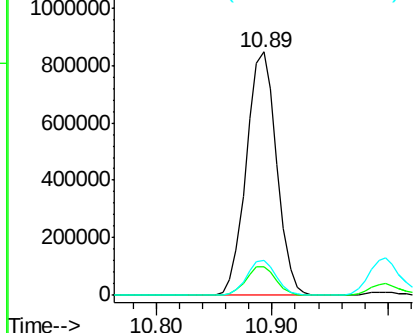
#31
Naphthalene
Concen: 42.99 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Instrument :
BNA_G
ClientSampled :
PB98073BS

Tot Ion:128 Resp: 1545170
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 14.5 11.4 17.0

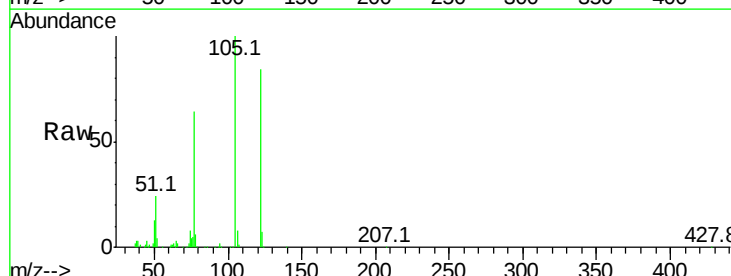


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

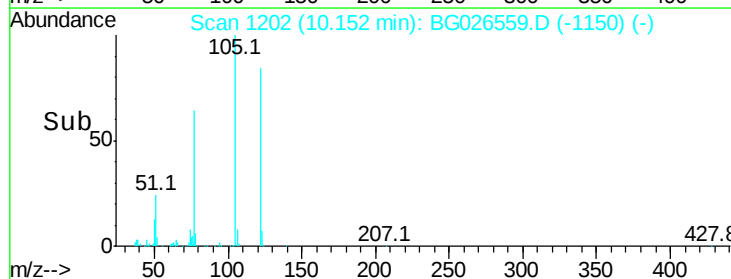
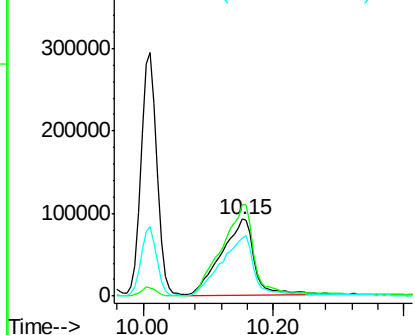


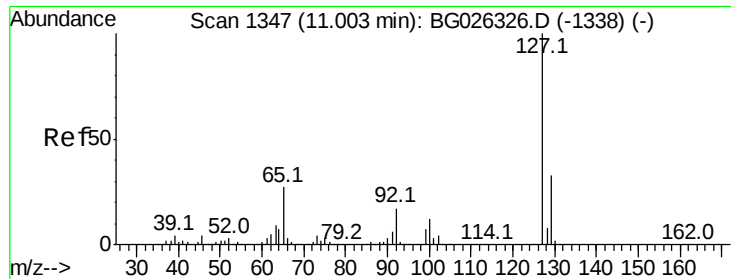
#32
Benzoic acid
Concen: 42.78 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Tgt Ion:122 Resp: 328138
Ion Ratio Lower Upper
122 100
105 118.4 120.1 160.1#
77 75.8 104.6 144.6#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

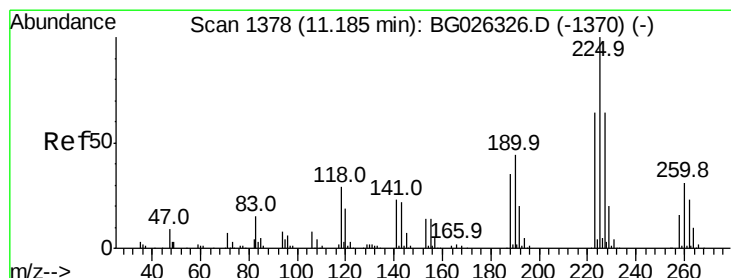
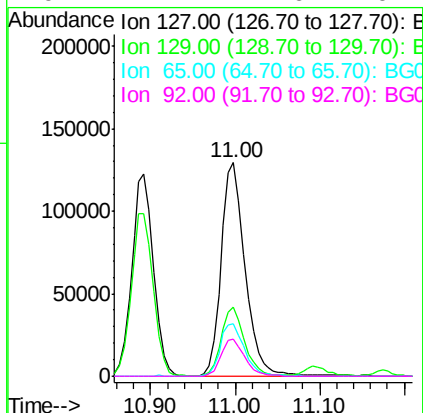
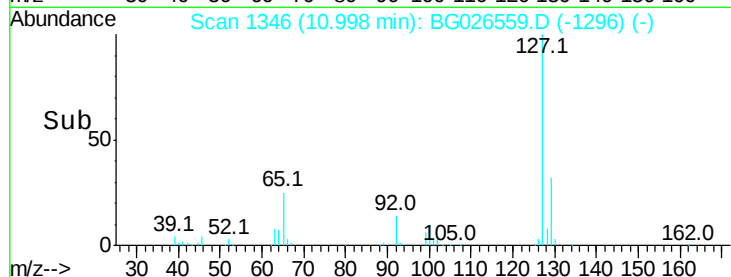
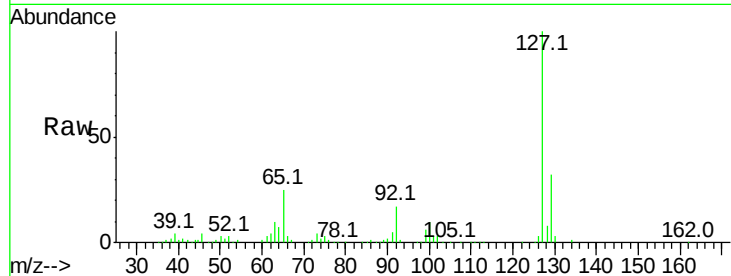




#33
4-Chloroaniline
Concen: 17.34 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

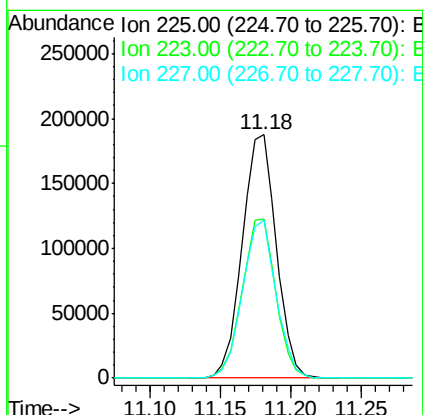
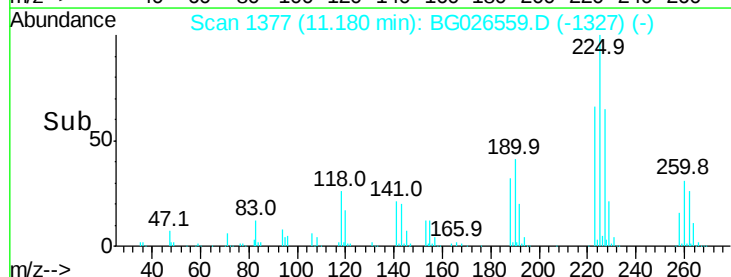
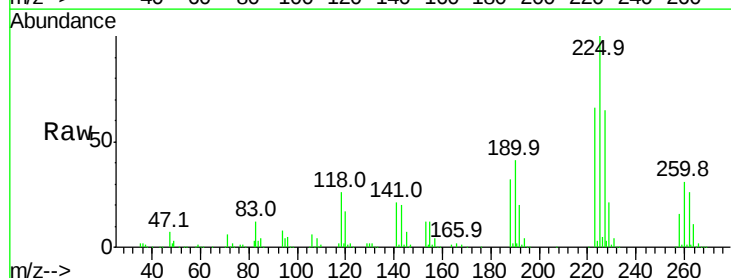
Instrument :
BNA_G
ClientSampleId :
PB98073BS

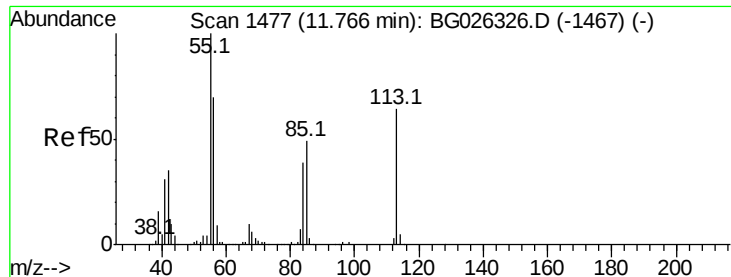
Tot Ion:	127	Resp:	253495
Ion	Ratio	Lower	Upper
127	100		
129	32.3	23.6	35.4
65	24.8	37.7	56.5#
92	17.1	17.6	26.4#



#34
Hexachlorobutadiene
Concen: 47.31 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Tgt Ion:	225	Resp:	316103
Ion	Ratio	Lower	Upper
225	100		
223	65.6	50.7	76.1
227	64.6	49.0	73.6





#35

Caprolactam

Concen: 22.72 ng

RT: 11.76 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Instrument :

BNA_G

ClientSampleId :

PB98073BS

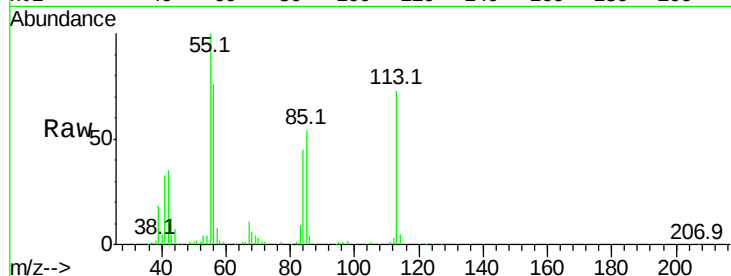
Tot Ion:113 Resp: 90237

Ion Ratio Lower Upper

113 100

55 137.7 198.6 238.6#

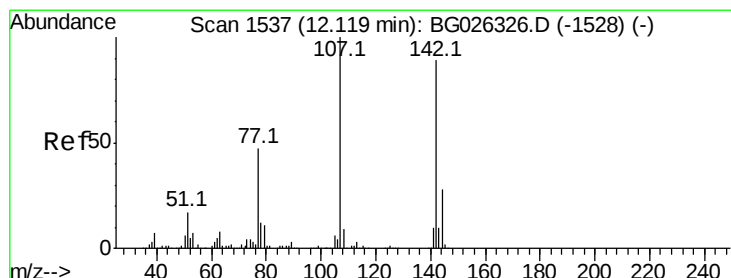
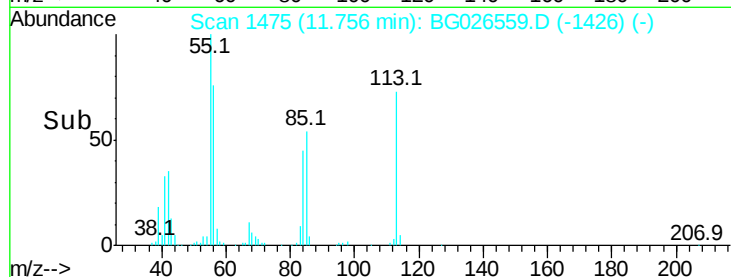
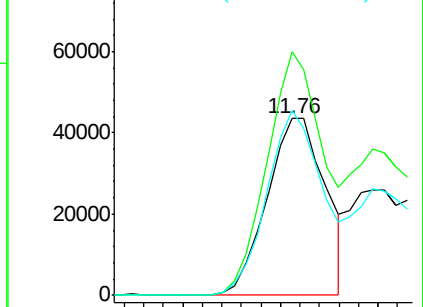
56 104.8 140.4 180.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 46.85 ng

RT: 12.11 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

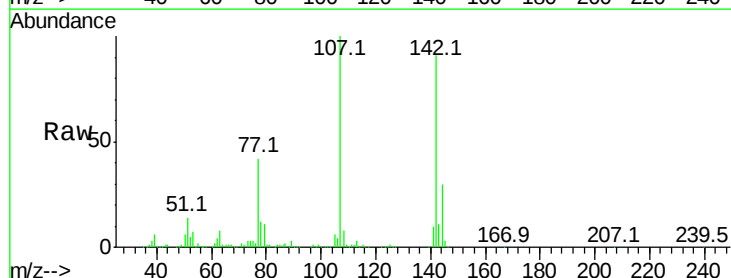
Tgt Ion:107 Resp: 505278

Ion Ratio Lower Upper

107 100

144 30.1 17.4 26.0#

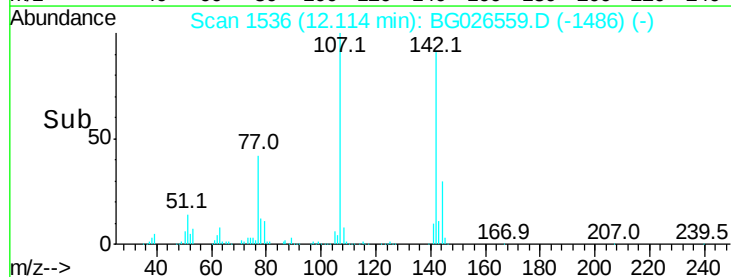
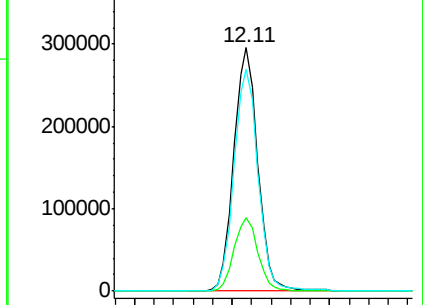
142 91.0 54.1 81.1#

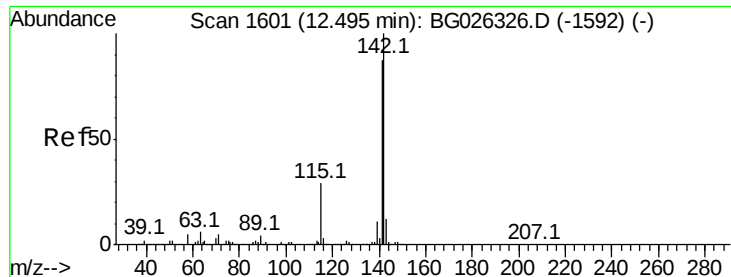


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.32 ng

RT: 12.48 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Instrument :

BNA_G

ClientSampleId :

PB98073BS

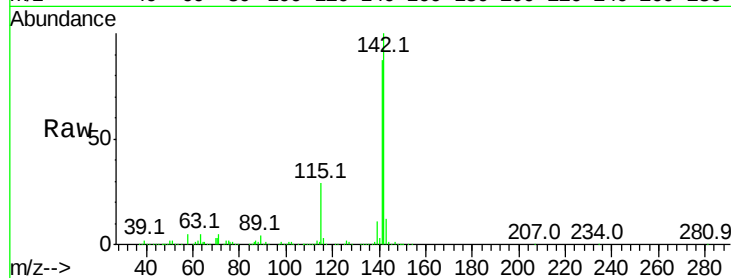
Tot Ion:142 Resp: 1193056

Ion Ratio Lower Upper

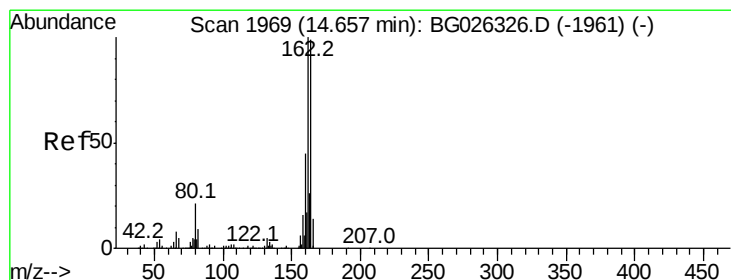
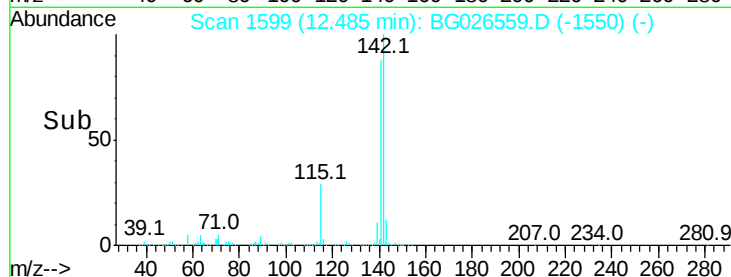
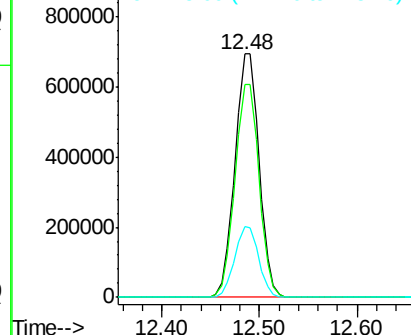
142 100

141 87.5 70.4 105.6

115 29.2 35.5 53.3#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.65 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

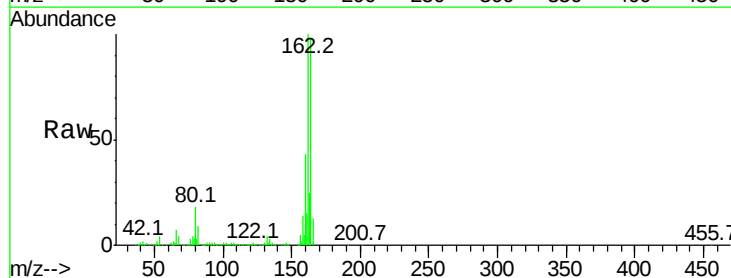
Tgt Ion:164 Resp: 418326

Ion Ratio Lower Upper

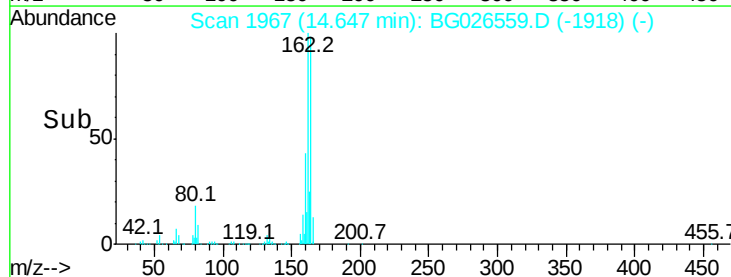
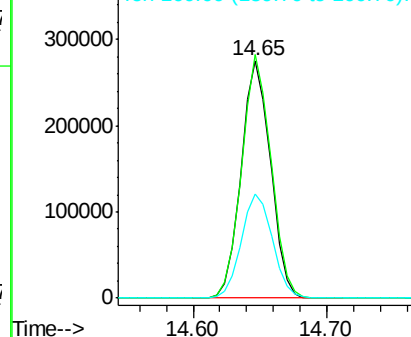
164 100

162 102.5 85.1 127.7

160 43.9 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

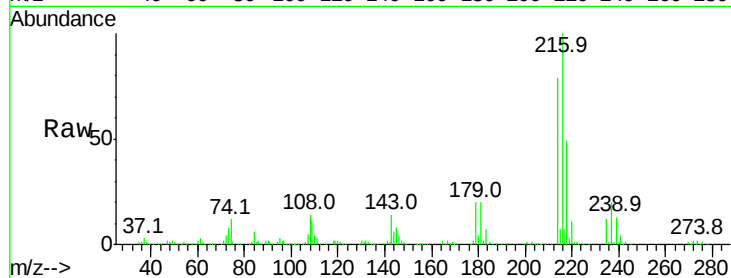




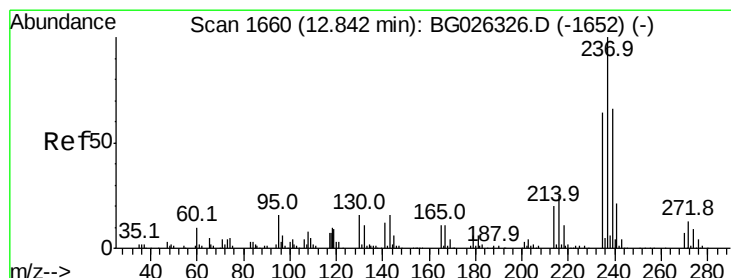
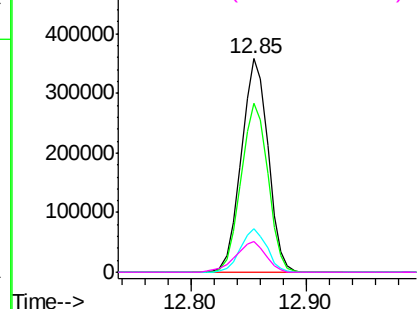
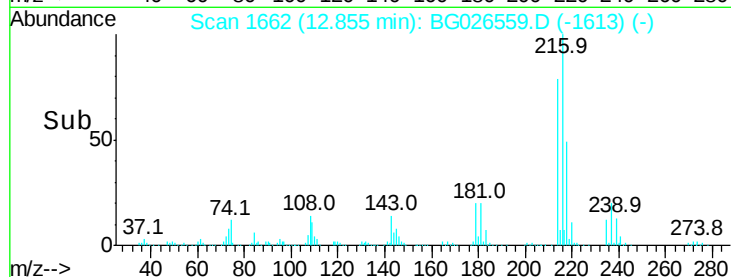
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.54 ng
 RT: 12.85 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BG026559.D
 Acq: 5 Apr 2017 15:33

Instrument :
 BNA_G
 ClientSampleId :
 PB98073BS

Tot Ion:	216	Resp:	573165
Ion	Ratio	Lower	Upper
216	100		
214	79.5	64.4	96.6
179	20.0	17.4	26.0
108	16.4	15.6	23.4

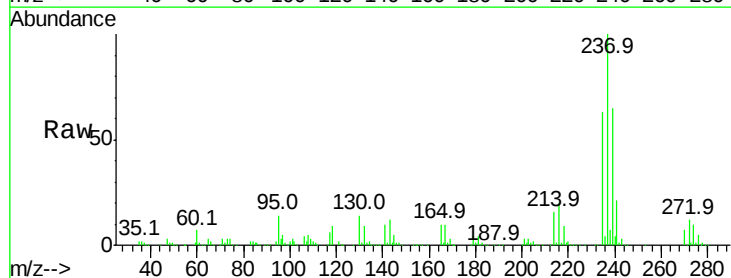


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

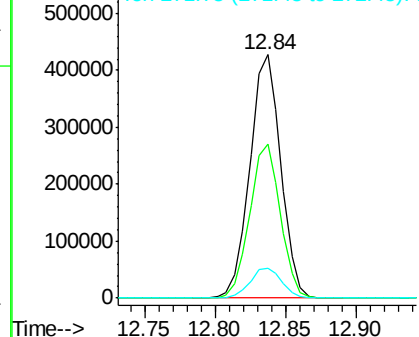
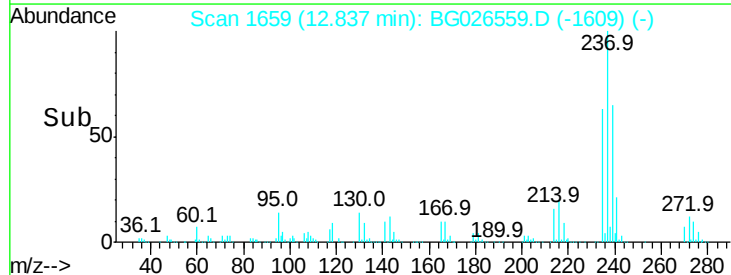


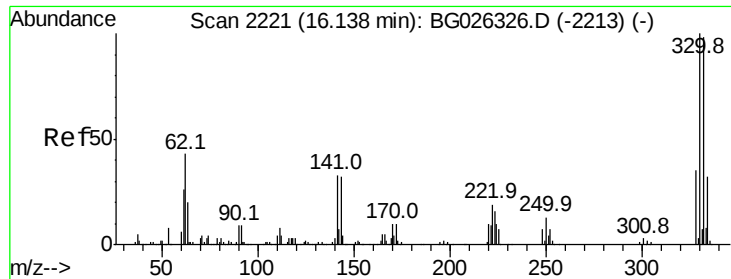
#40
 Hexachlorocyclopentadiene
 Concen: 99.06 ng
 RT: 12.84 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: BG026559.D
 Acq: 5 Apr 2017 15:33

Tgt Ion:	237	Resp:	656272
Ion	Ratio	Lower	Upper
237	100		
235	63.1	39.4	79.4
272	12.2	0.0	32.0



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

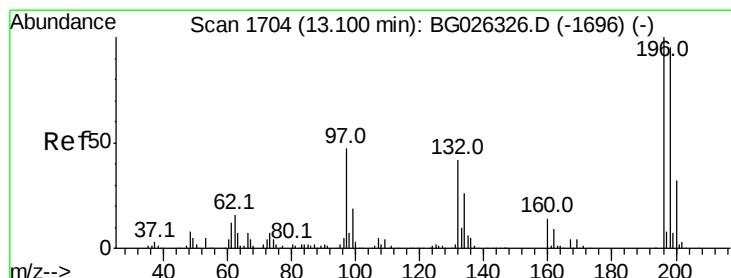
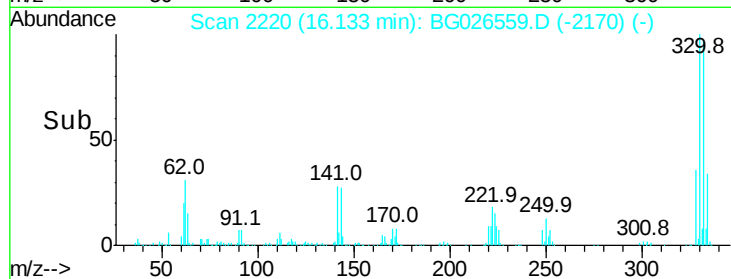
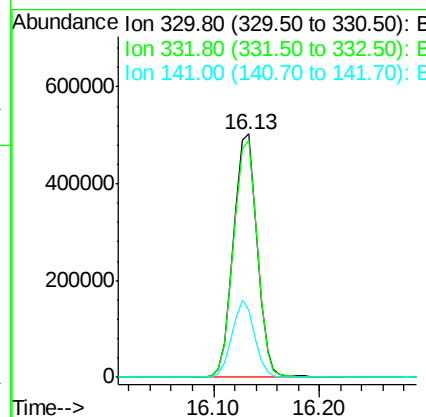
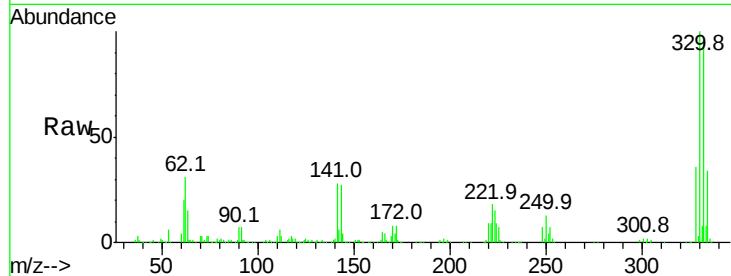




#41
 2,4,6-Tribromophenol
 Concen: 162.17 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.00 min
 Lab File: BG026559.D
 Acq: 5 Apr 2017 15:33

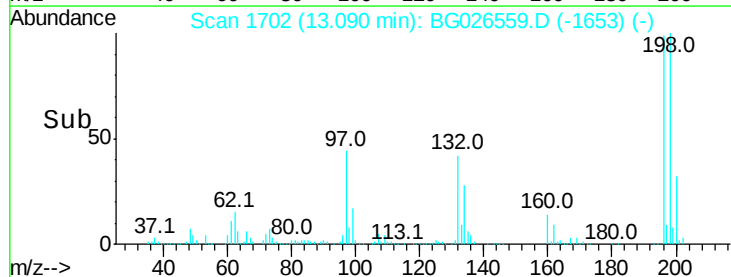
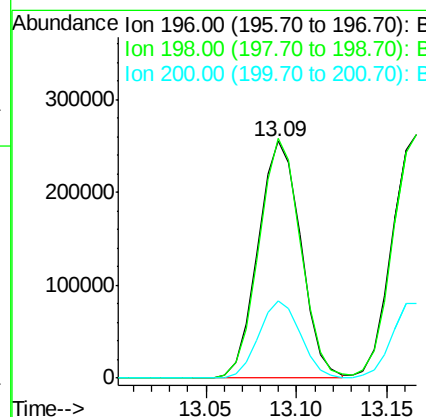
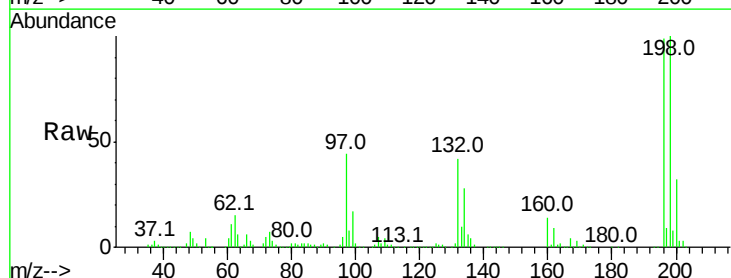
Instrument :
 BNA_G
 ClientSampleId :
 PB98073BS

Tot Ion:330 Resp: 776886
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.3 115.9
 141 30.2 32.1 48.1#



#42
 2,4,6-Trichlorophenol
 Concen: 50.55 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG026559.D
 Acq: 5 Apr 2017 15:33

Tgt Ion:196 Resp: 416614
 Ion Ratio Lower Upper
 196 100
 198 101.4 81.4 122.2
 200 32.5 27.0 40.6

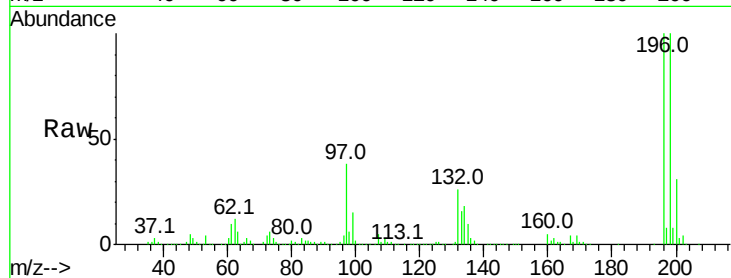




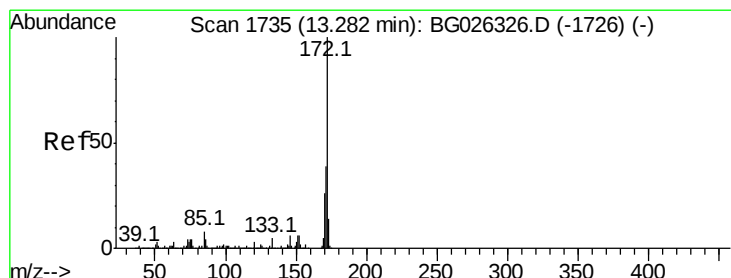
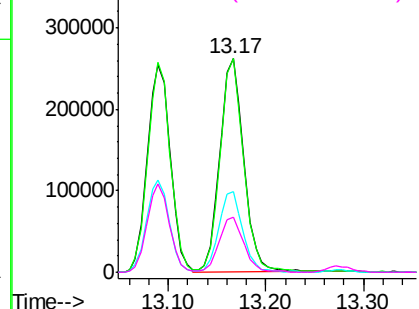
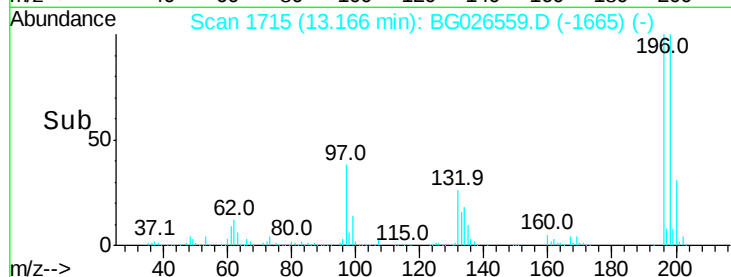
#43
 2,4,5-Trichlorophenol
 Concen: 48.82 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG026559.D
 Acq: 5 Apr 2017 15:33

Instrument :
 BNA_G
 ClientSampleId :
 PB98073BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	100.1	79.9	119.9
97	38.0	45.4	68.0
132	26.0	20.7	31.1

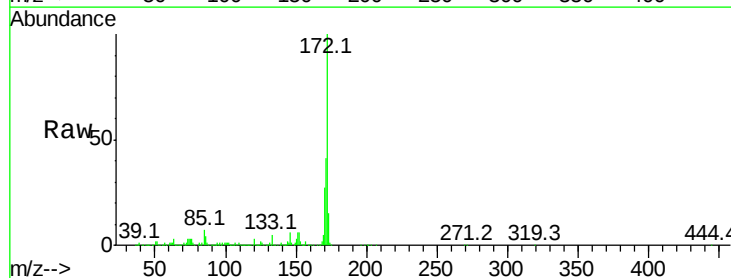


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

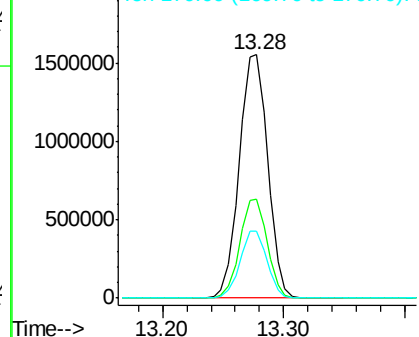
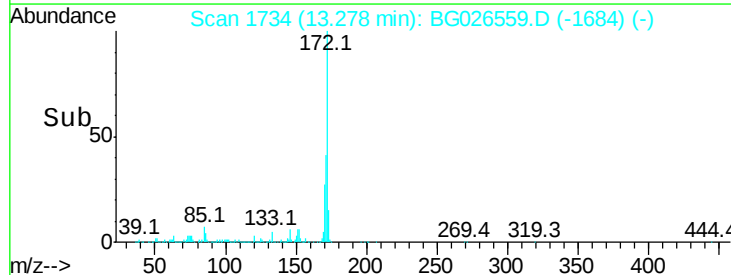


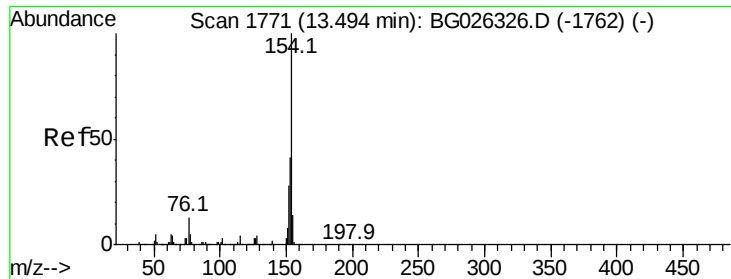
#44
 2-Fluorobiphenyl
 Concen: 85.65 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG026559.D
 Acq: 5 Apr 2017 15:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.8	32.2	48.2
170	27.4	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

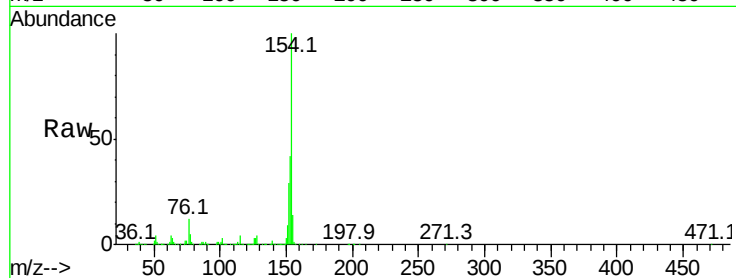




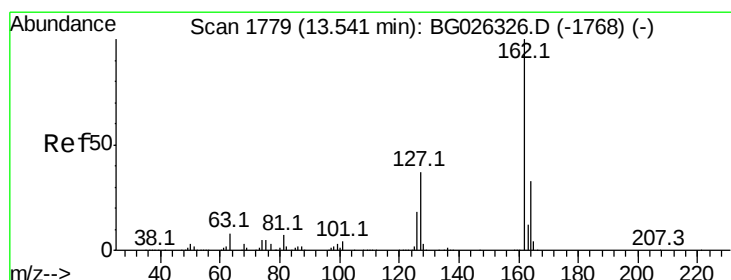
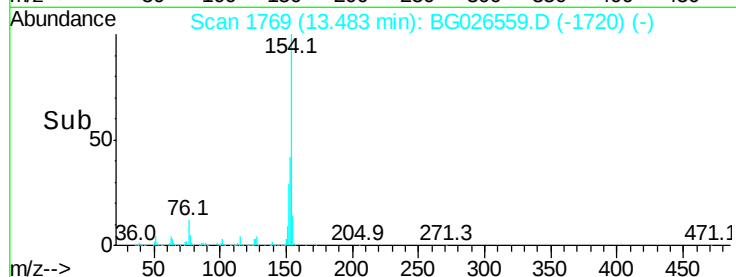
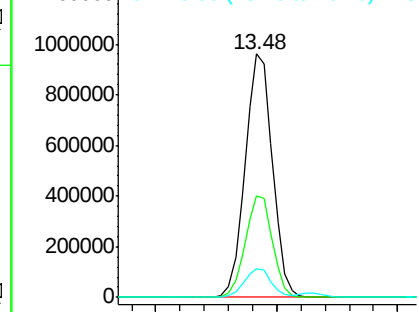
#45
 1,1'-Biphenyl
 Concen: 43.66 ng
 RT: 13.48 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BG026559.D
 Acq: 5 Apr 2017 15:33

Instrument :
 BNA_G
 ClientSampleId :
 PB98073BS

Tot Ion:154 Resp: 1512538
 Ion Ratio Lower Upper
 154 100
 153 41.7 23.0 63.0
 76 11.7 0.0 33.5

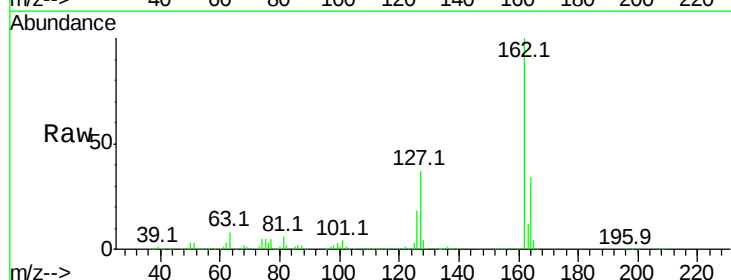


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

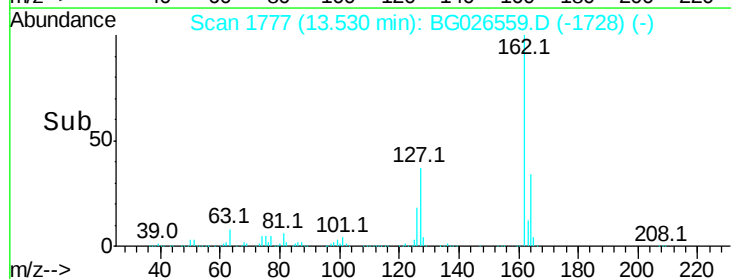
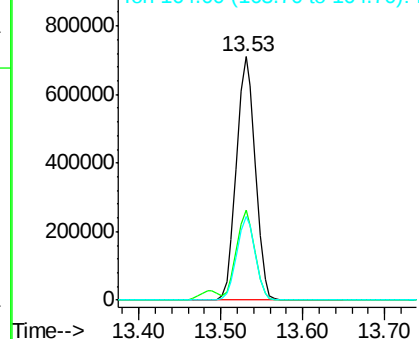


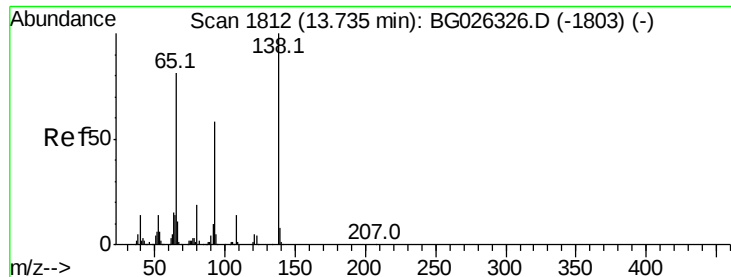
#46
 2-Chloronaphthalene
 Concen: 45.21 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG026559.D
 Acq: 5 Apr 2017 15:33

Tgt Ion:162 Resp: 1144048
 Ion Ratio Lower Upper
 162 100
 127 36.9 32.2 48.4
 164 34.4 27.3 40.9



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

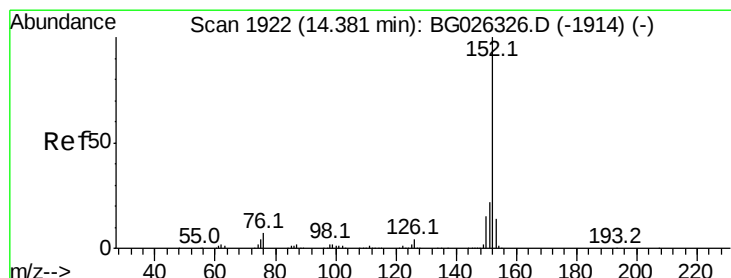
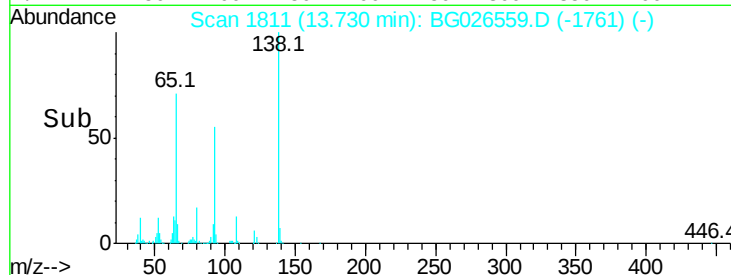
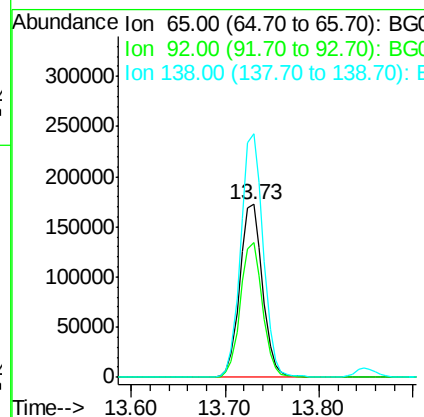
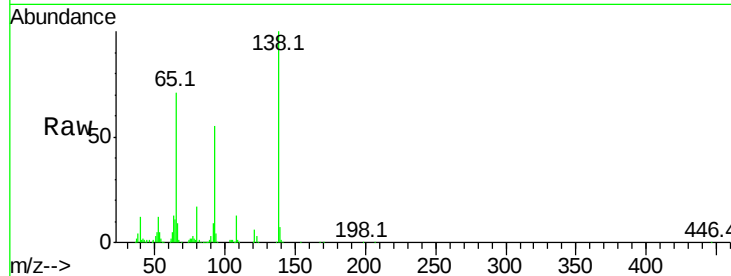




#47
2-Nitroaniline
Concen: 40.27 ng
RT: 13.73 min Scan# 1811
Delta R.T. -0.00 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

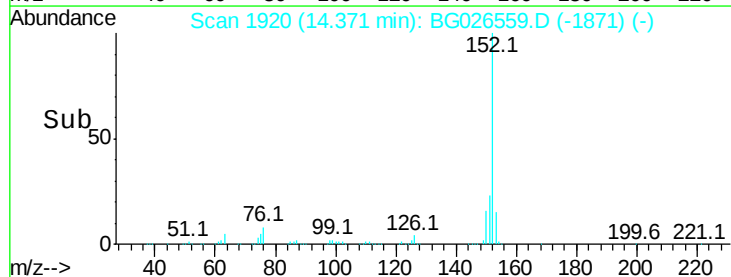
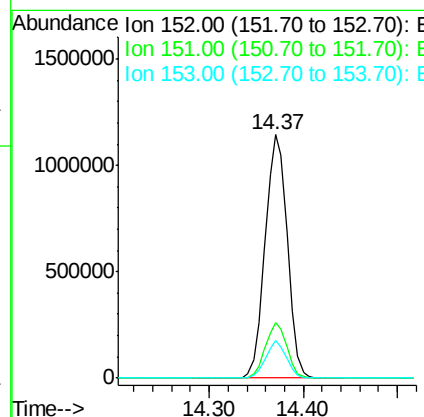
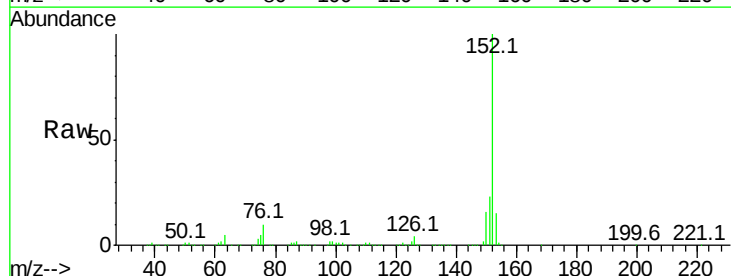
Instrument :
BNA_G
ClientSampleId :
PB98073BS

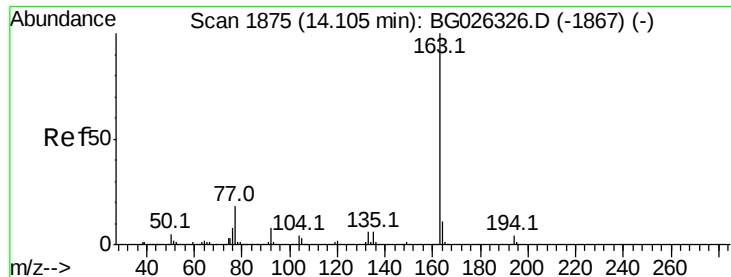
Tot Ion: 65 Resp: 289782
Ion Ratio Lower Upper
65 100
92 78.2 49.0 73.4#
138 141.0 58.6 87.8#



#48
Acenaphthylene
Concen: 42.23 ng
RT: 14.37 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Tgt Ion: 152 Resp: 1862612
Ion Ratio Lower Upper
152 100
151 22.5 18.2 27.2
153 15.2 11.3 16.9





#49

Dimethylphthalate

Concen: 46.31 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.00 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Instrument :

BNA_G

ClientSampleId :

PB98073BS

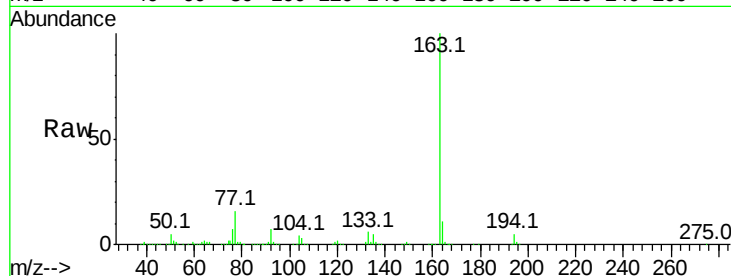
Tot Ion:163 Resp: 1462344

Ion Ratio Lower Upper

163 100

194 4.9 3.8 5.6

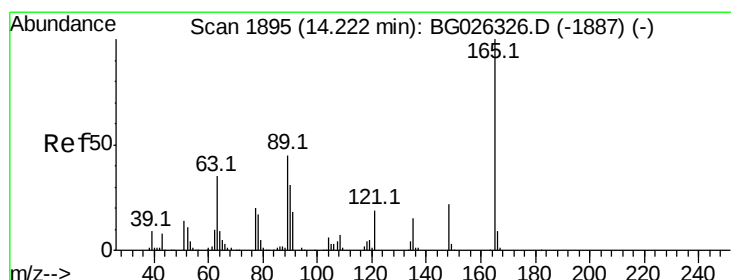
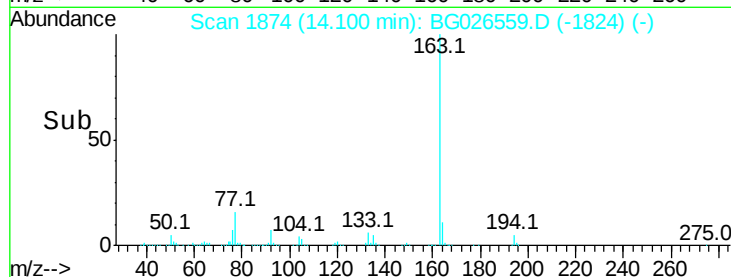
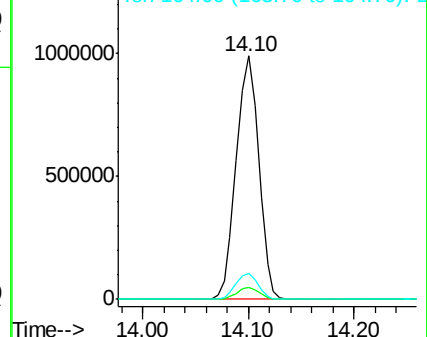
164 10.5 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.72 ng

RT: 14.22 min Scan# 1894

Delta R.T. -0.00 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

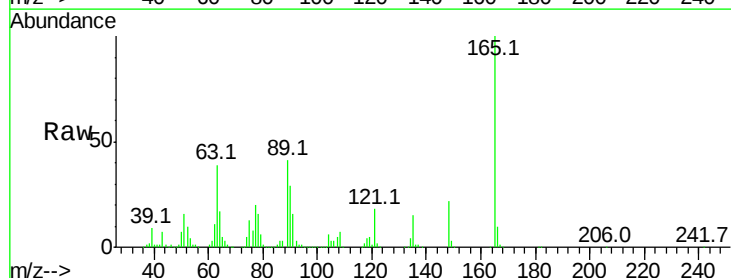
Tgt Ion:165 Resp: 351649

Ion Ratio Lower Upper

165 100

63 38.8 63.9 95.9#

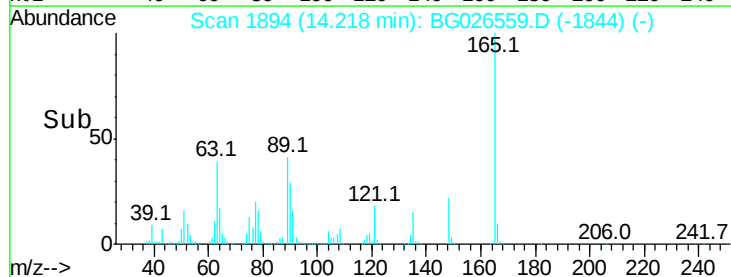
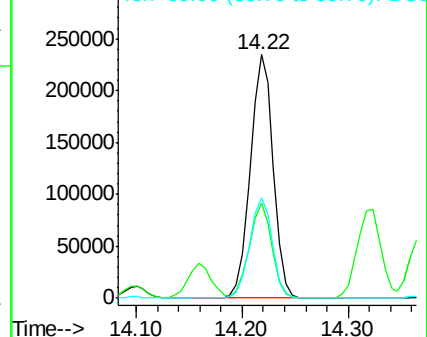
89 41.2 58.6 88.0#



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





#51

Acenaphthene

Concen: 43.48 ng

RT: 14.71 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Instrument :

BNA_G

ClientSampleId :

PB98073BS

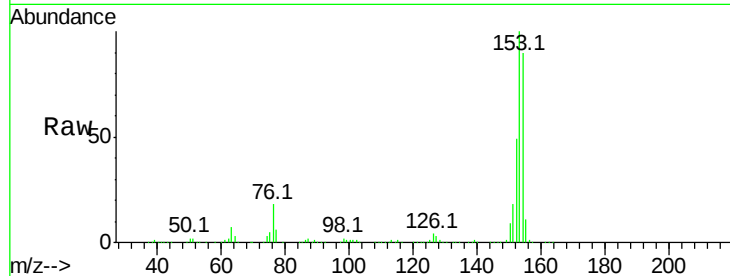
Tot Ion:154 Resp: 1181099

Ion Ratio Lower Upper

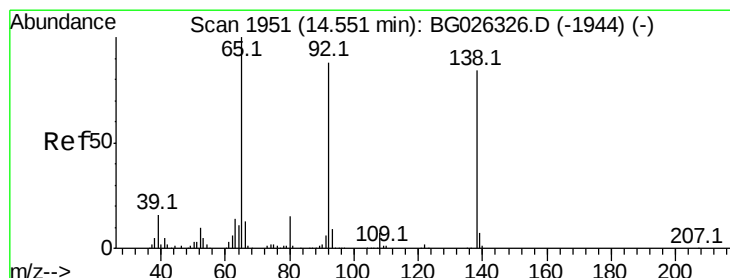
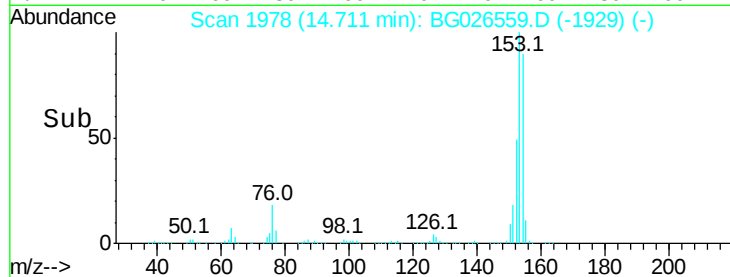
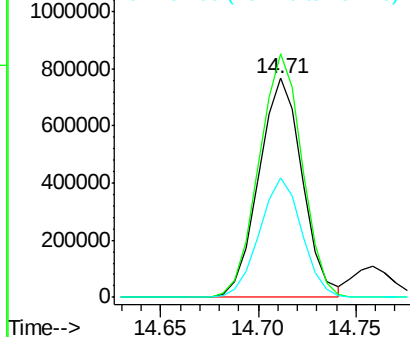
154 100

153 111.2 87.8 131.6

152 54.6 42.2 63.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.70 ng

RT: 14.55 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

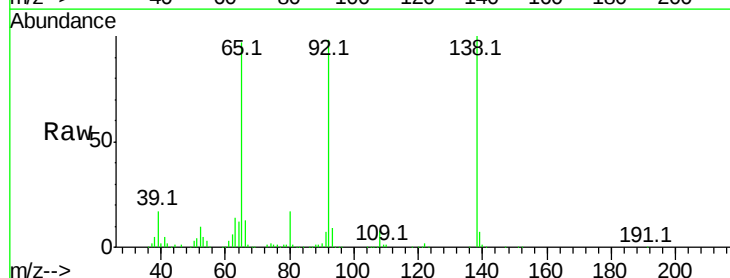
Tgt Ion:138 Resp: 208521

Ion Ratio Lower Upper

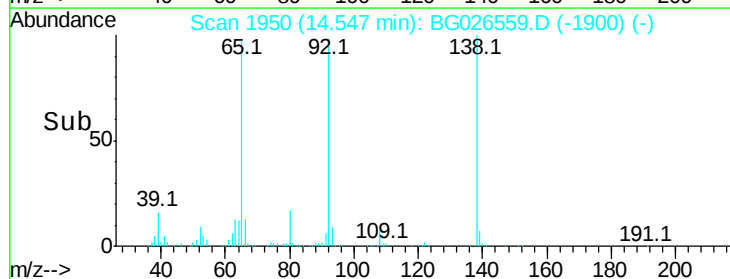
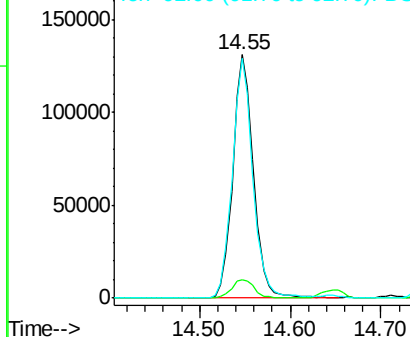
138 100

108 7.6 10.9 16.3#

92 98.2 115.3 172.9#



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): BG

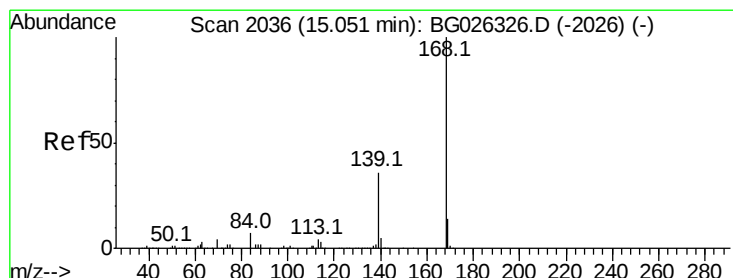
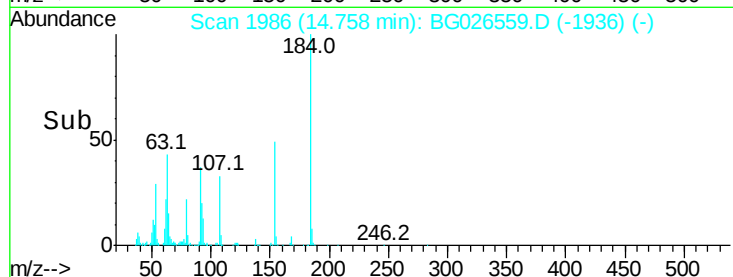
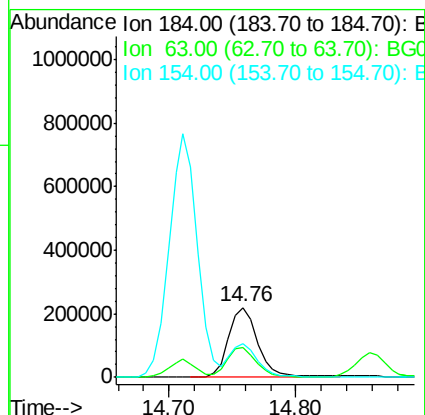
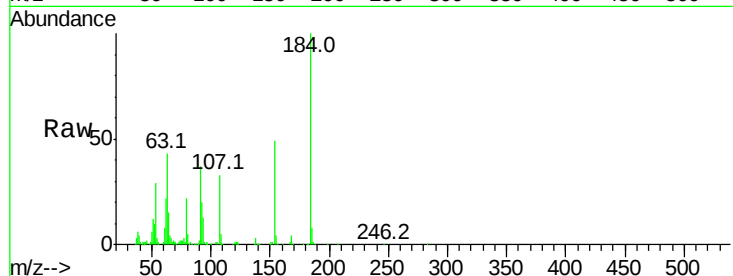




#53
2,4-Dinitrophenol
Concen: 83.10 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

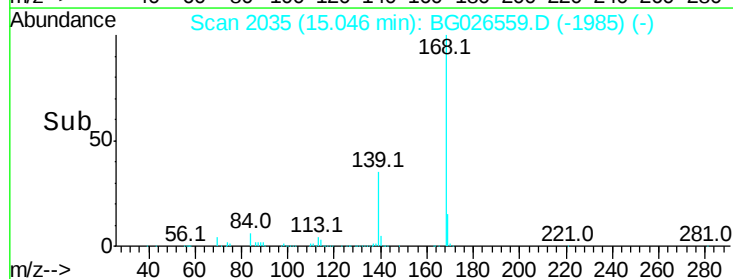
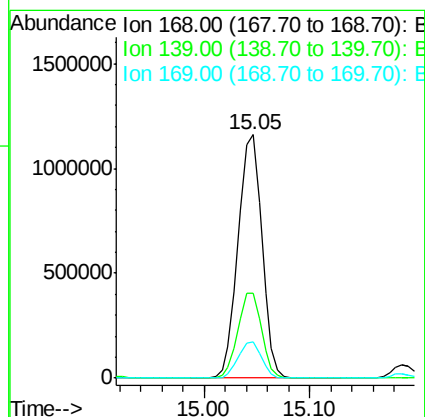
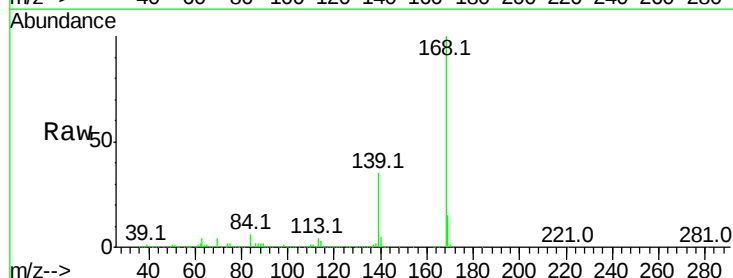
Instrument :
BNA_G
ClientSampleId :
PB98073BS

Tot Ion:184 Resp: 355247
Ion Ratio Lower Upper
184 100
63 43.3 52.7 79.1#
154 49.1 57.3 85.9#



#54
Dibenzofuran
Concen: 47.19 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Tgt Ion:168 Resp: 1804694
Ion Ratio Lower Upper
168 100
139 35.1 35.3 52.9#
169 14.6 11.5 17.3





#55

4-Nitrophenol

Concen: 92.85 ng

RT: 14.86 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Instrument :

BNA_G

ClientSampleId :

PB98073BS

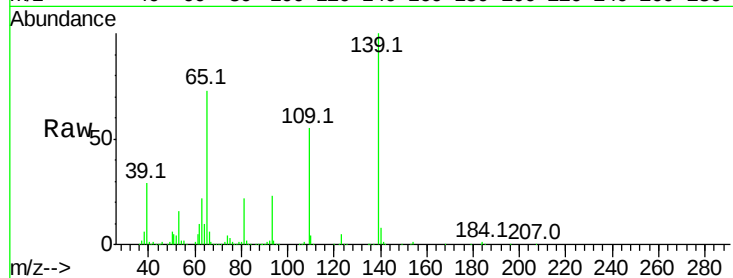
Tot Ion:139 Resp: 616972

Ion Ratio Lower Upper

139 100

109 54.8 101.2 141.2#

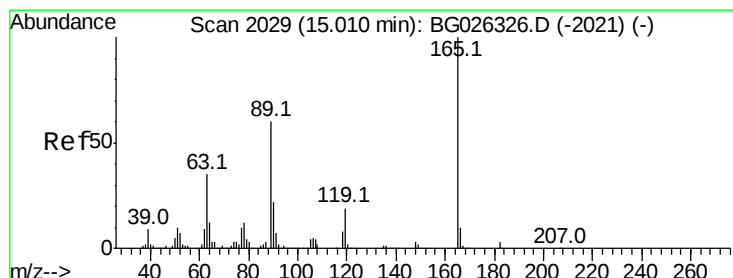
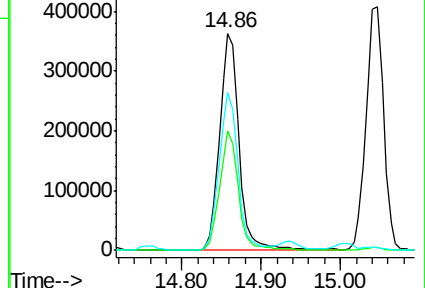
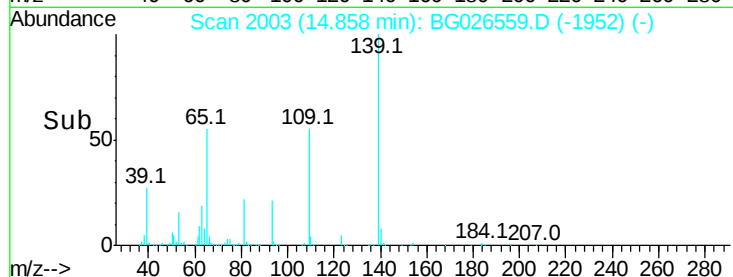
65 72.9 135.3 175.3#



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: 48.33 ng

RT: 15.01 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Tgt Ion:165 Resp: 500901

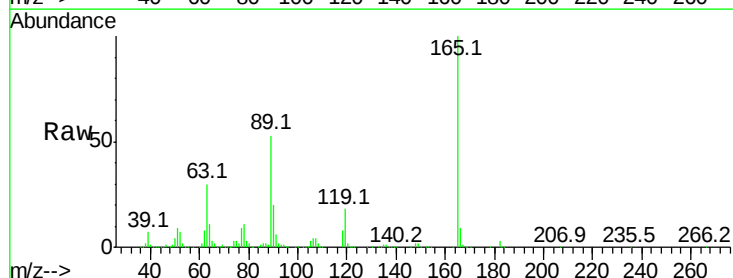
Ion Ratio Lower Upper

165 100

63 30.1 44.0 66.0#

89 52.7 67.3 100.9#

182 2.9 3.8 5.6#

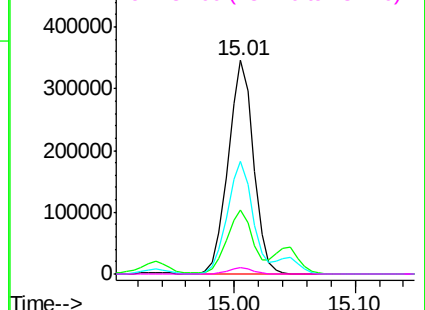
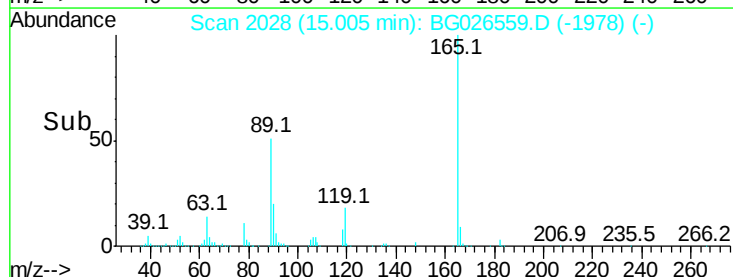


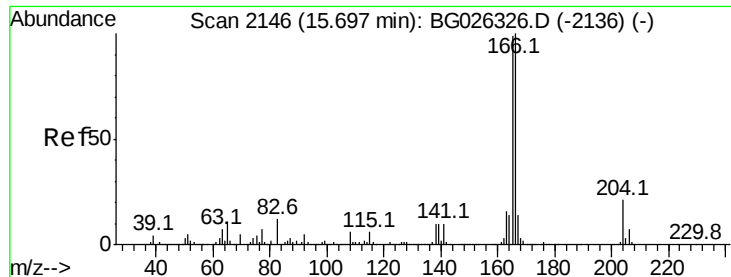
Abundance Ion 165.00 (164.70 to 165.70): E

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: 43.84 ng

RT: 15.69 min Scan# 2144

Delta R.T. -0.01 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Instrument :

BNA_G

ClientSampleId :

PB98073BS

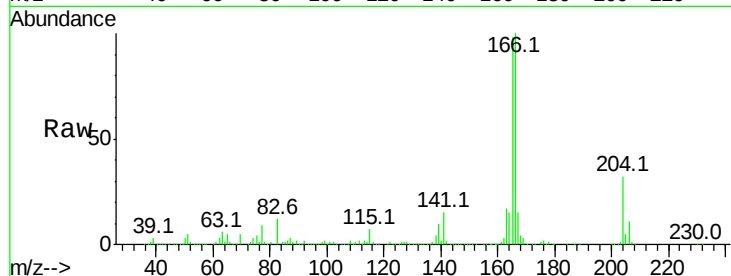
Tot Ion:166 Resp: 1492143

Ion Ratio Lower Upper

166 100

165 98.1 78.6 117.8

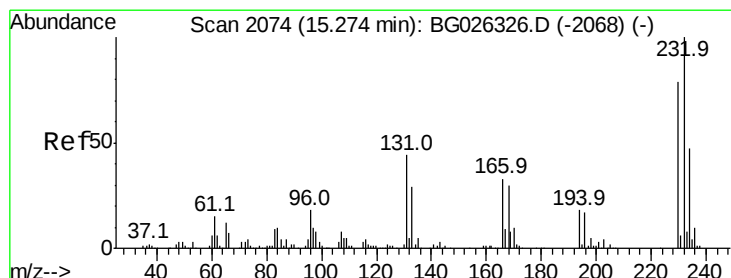
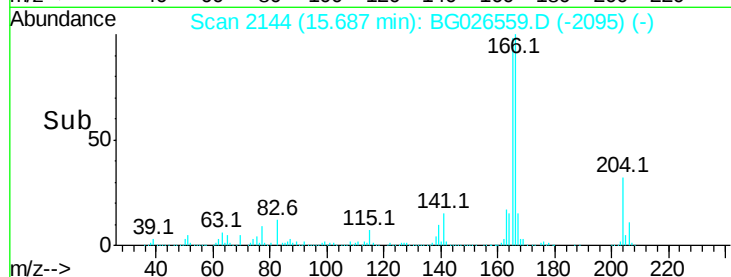
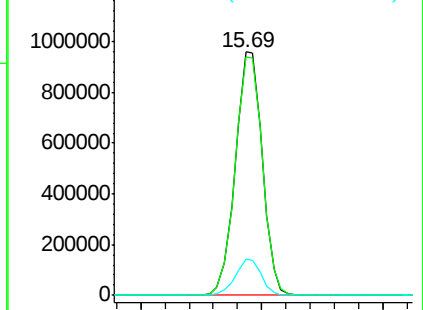
167 14.8 11.6 17.4



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: 53.61 ng

RT: 15.27 min Scan# 2073

Delta R.T. -0.00 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Tgt Ion:232 Resp: 425909

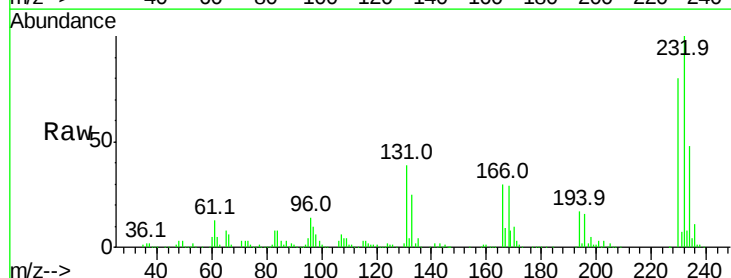
Ion Ratio Lower Upper

232 100

131 38.4 34.9 52.3

130 2.0 2.3 3.5#

166 29.3 24.2 36.4

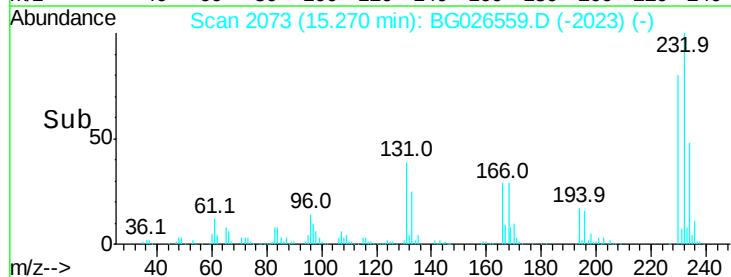
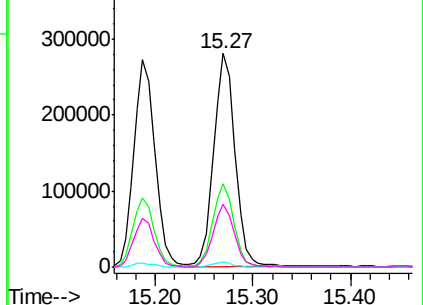


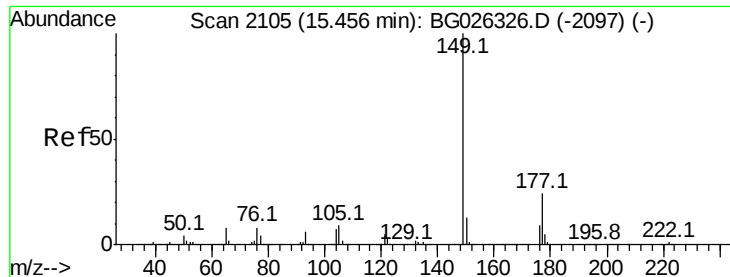
Abundance Ion 232.00 (231.70 to 232.70): E

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

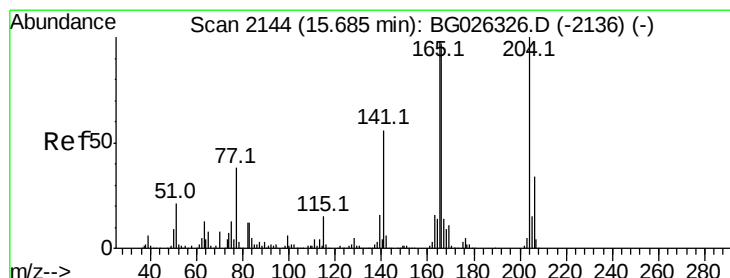
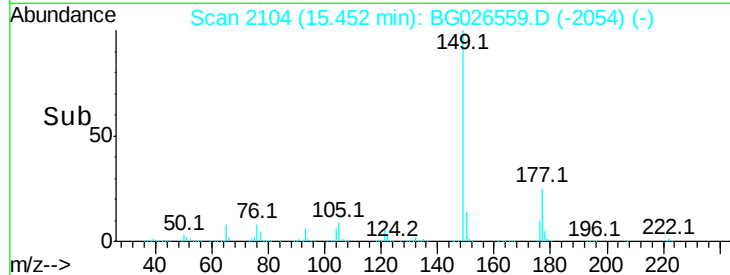
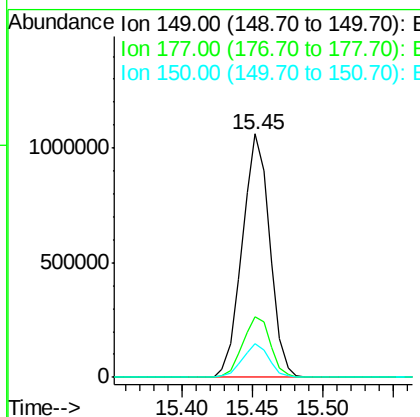
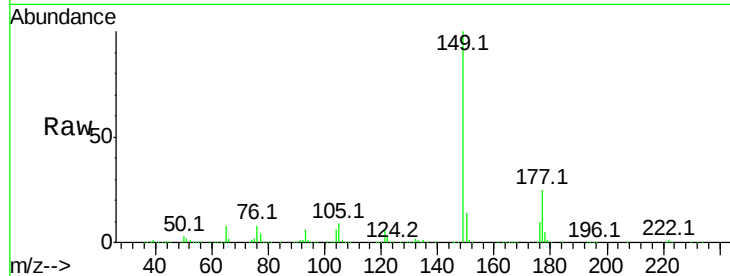




#59
Diethylphthalate
Concen: 44.74 ng
RT: 15.45 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

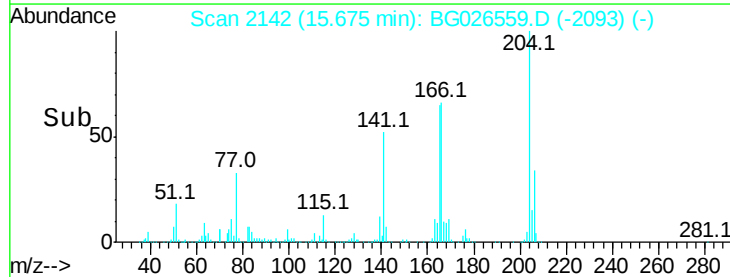
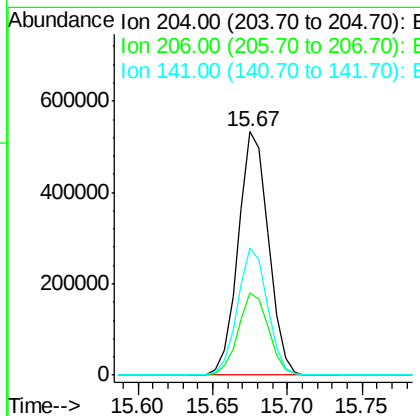
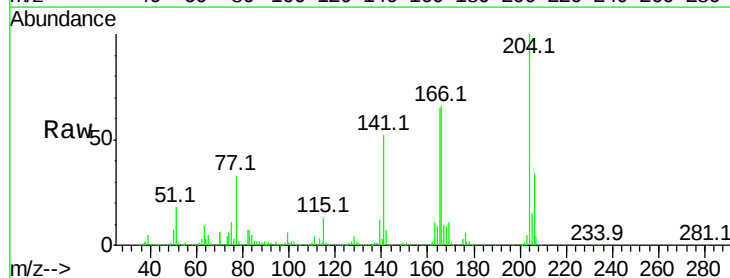
Instrument :
BNA_G
ClientSampleId :
PB98073BS

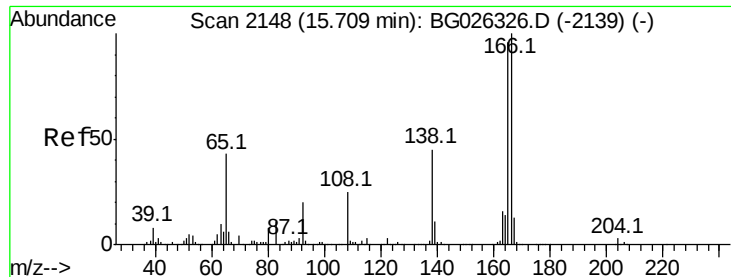
Tot Ion:149 Resp: 1443939
Ion Ratio Lower Upper
149 100
177 25.1 20.1 30.1
150 13.9 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 46.35 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Tgt Ion:204 Resp: 747507
Ion Ratio Lower Upper
204 100
206 33.9 30.1 45.1
141 52.2 50.6 76.0

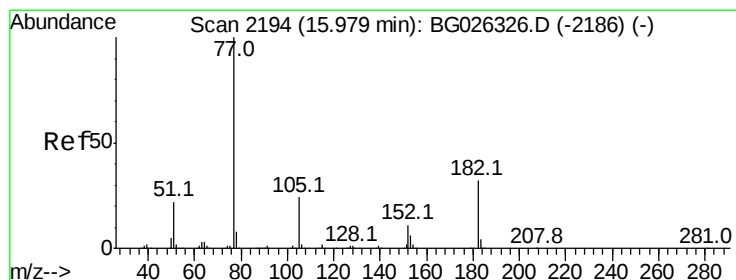
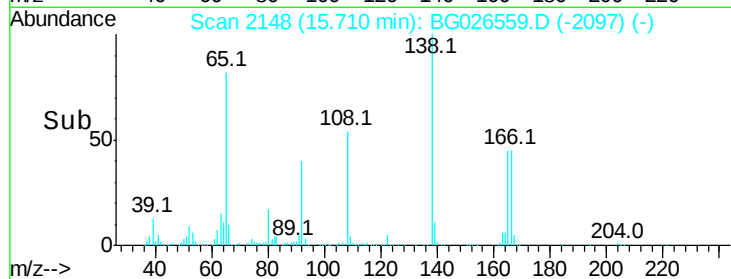
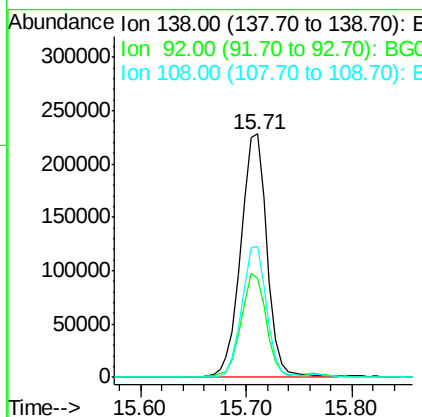
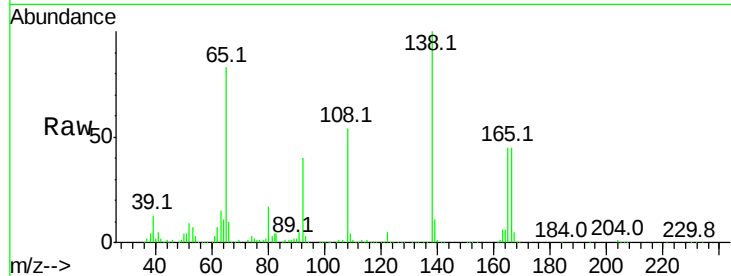




#61
4-Nitroaniline
Concen: 45.74 ng
RT: 15.71 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

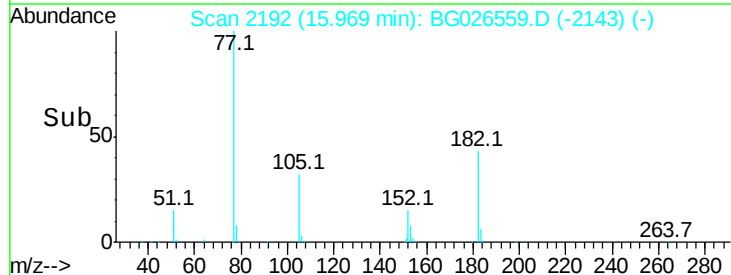
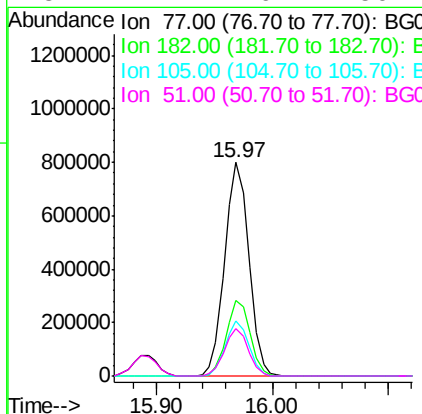
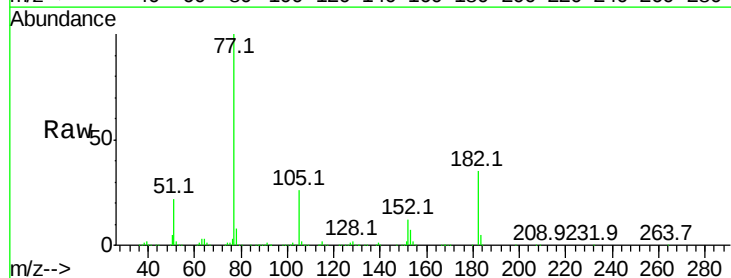
Instrument :
BNA_G
ClientSampleId :
PB98073BS

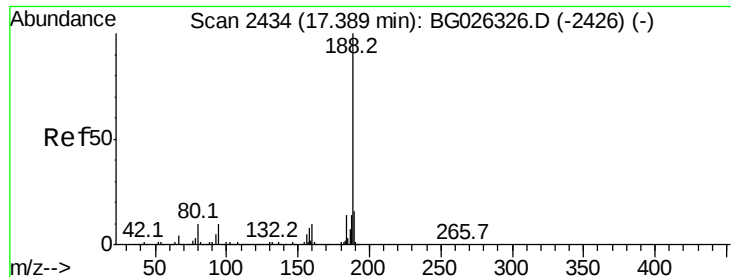
Tot Ion:138 Resp: 392597
Ion Ratio Lower Upper
138 100
92 40.5 44.2 84.2#
108 53.7 104.8 144.8#



#62
Azobenzene
Concen: 44.03 ng
RT: 15.97 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Tgt Ion: 77 Resp: 1155295
Ion Ratio Lower Upper
77 100
182 35.4 4.7 44.7
105 25.7 0.0 36.3
51 22.1 16.4 56.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.38 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Instrument :

BNA_G

ClientSampleId :

PB98073BS

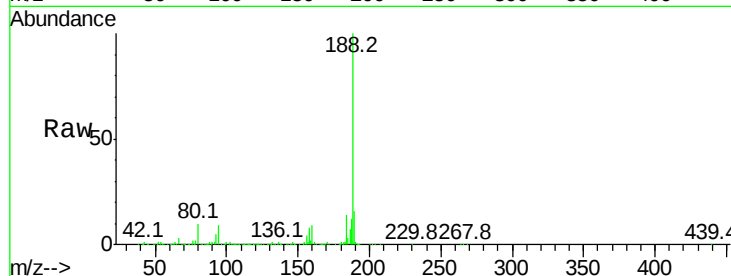
Tot Ion:188 Resp: 1001754

Ion Ratio Lower Upper

188 100

94 8.8 5.8 8.8#

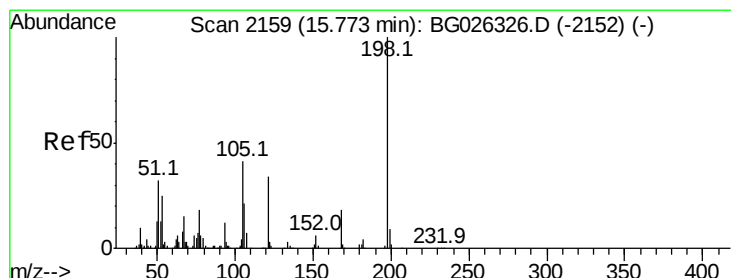
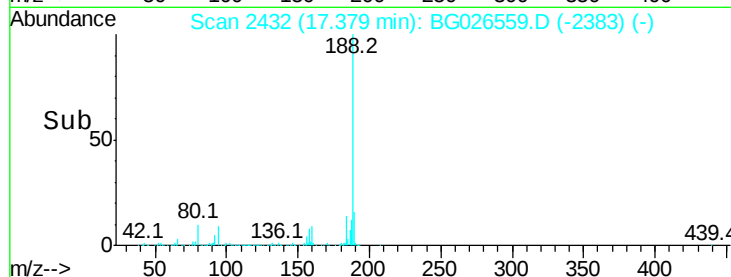
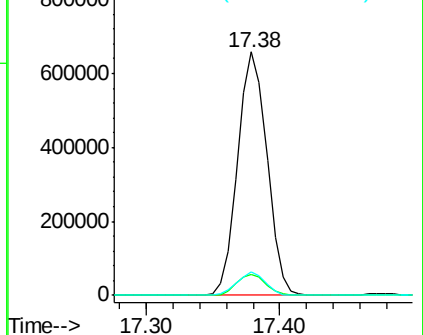
80 9.6 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 48.96 ng

RT: 15.77 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

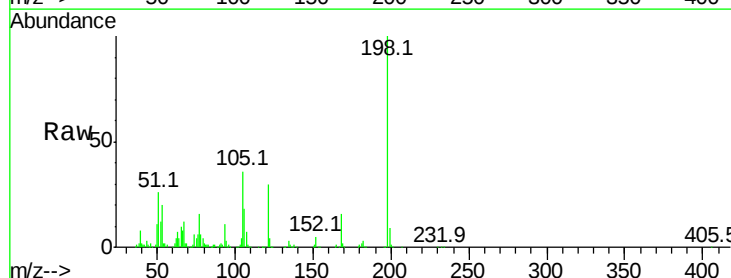
Tgt Ion:198 Resp: 309208

Ion Ratio Lower Upper

198 100

51 25.9 22.6 62.6

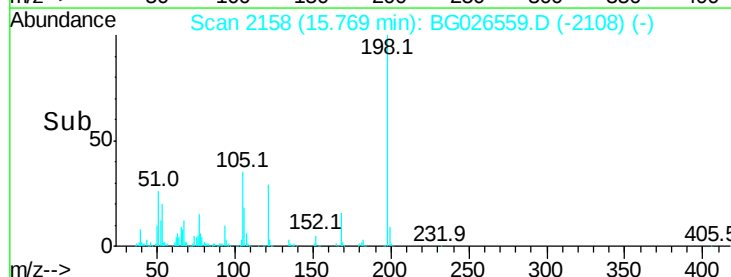
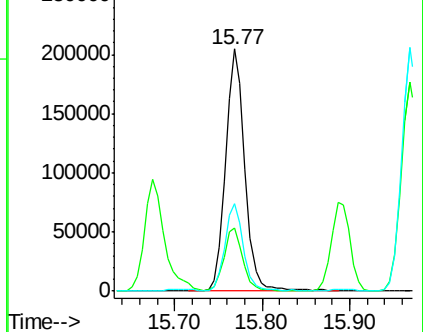
105 36.0 14.4 54.4

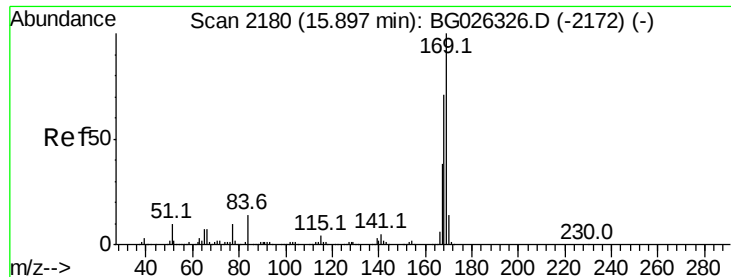


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

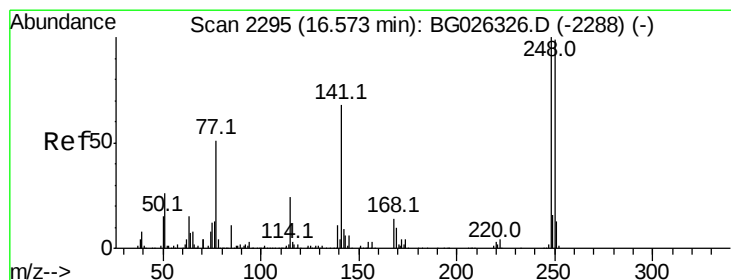
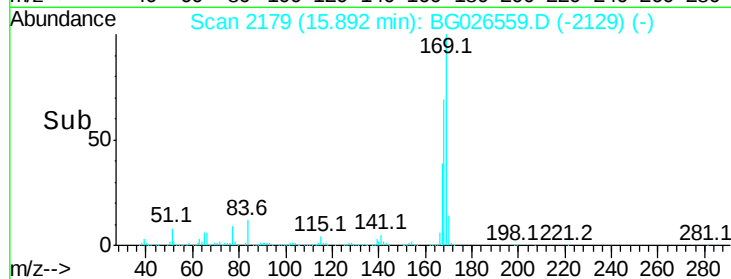
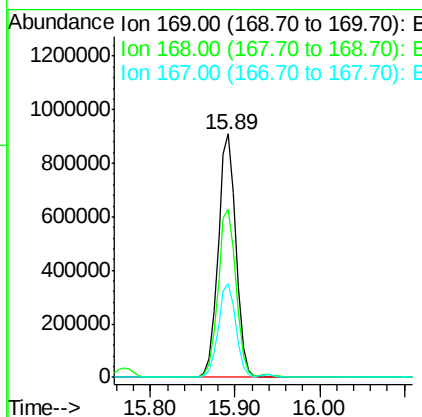
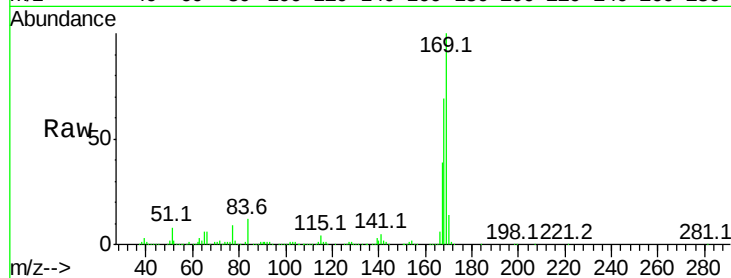




#65
n-Nitrosodiphenylamine
Concen: 45.40 ng
RT: 15.89 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

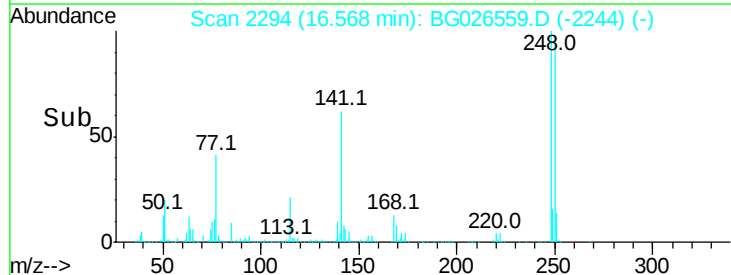
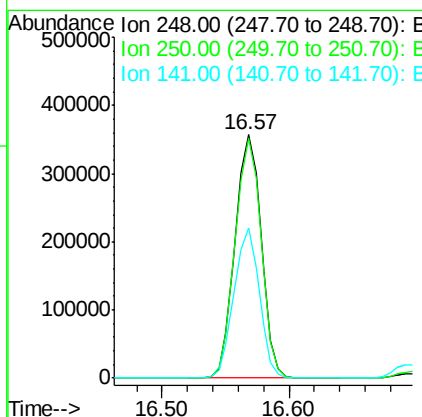
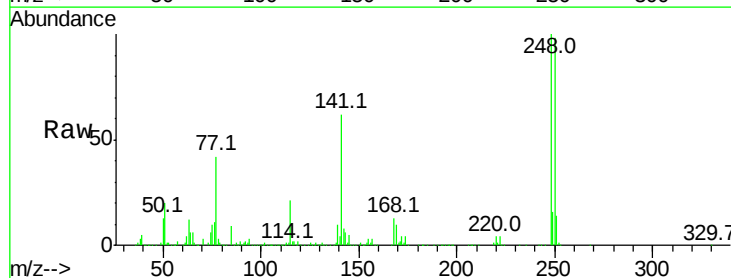
Instrument :
BNA_G
ClientSampleId :
PB98073BS

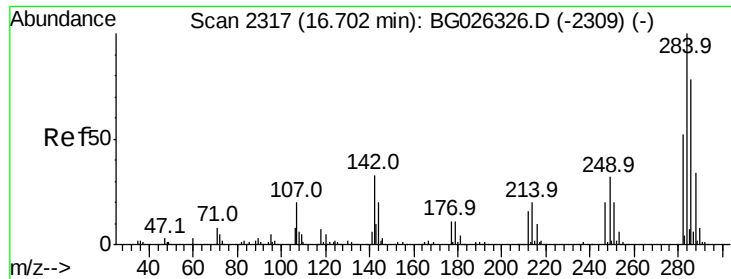
Tot Ion:169 Resp: 1334835
Ion Ratio Lower Upper
169 100
168 69.0 55.7 83.5
167 38.7 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 49.43 ng
RT: 16.57 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Tgt Ion:248 Resp: 509689
Ion Ratio Lower Upper
248 100
250 98.4 75.0 112.6
141 61.9 55.2 82.8





#67

Hexachlorobenzene

Concen: 49.09 ng

RT: 16.70 min Scan# 2316

Delta R.T. -0.00 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Instrument :

BNA_G

ClientSampleId :

PB98073BS

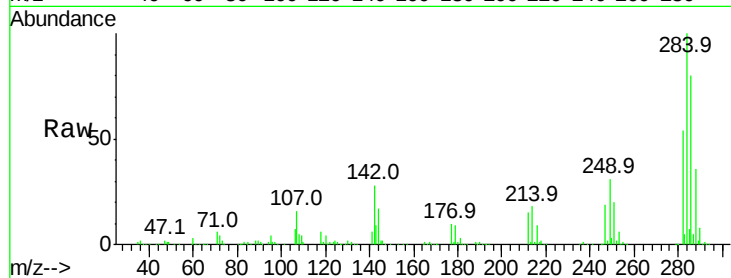
Tot Ion:284 Resp: 539933

Ion Ratio Lower Upper

284 100

142 28.2 29.9 44.9#

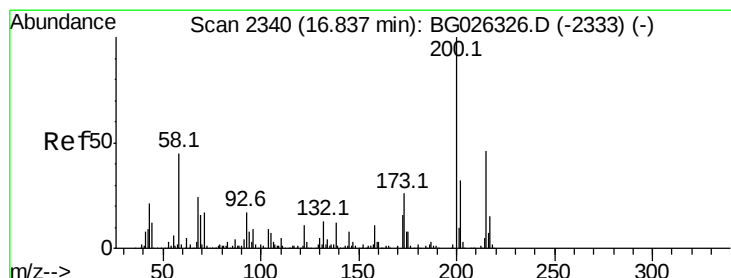
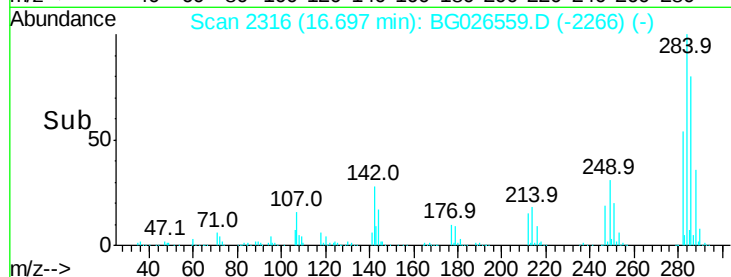
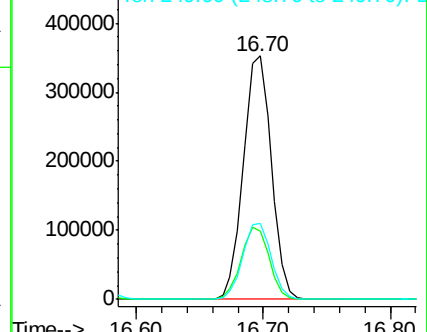
249 31.3 29.2 43.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 44.17 ng

RT: 16.83 min Scan# 2339

Delta R.T. -0.00 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

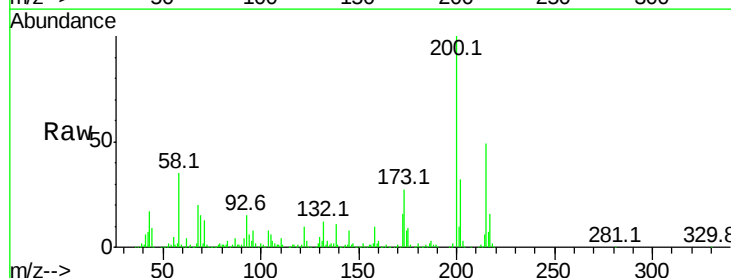
Tgt Ion:200 Resp: 491581

Ion Ratio Lower Upper

200 100

173 26.6 3.0 43.0

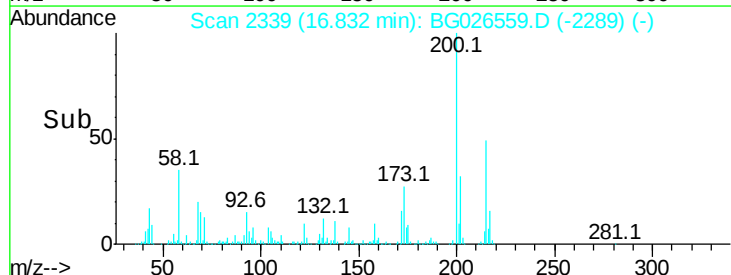
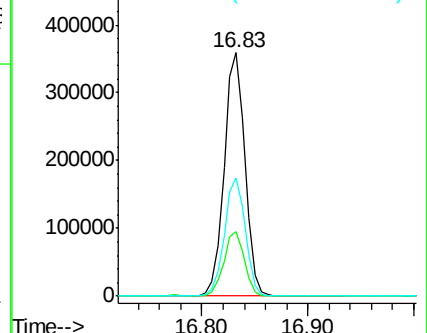
215 48.8 28.4 68.4

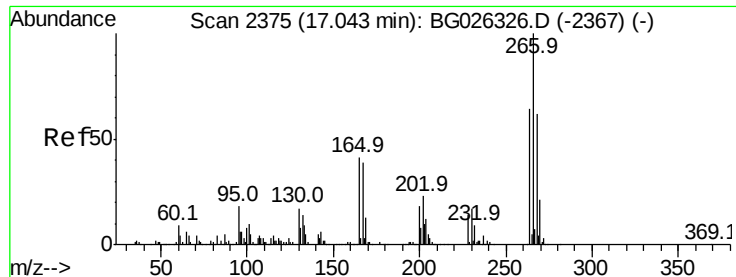


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

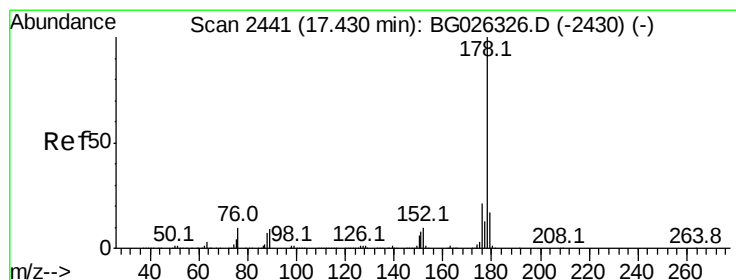
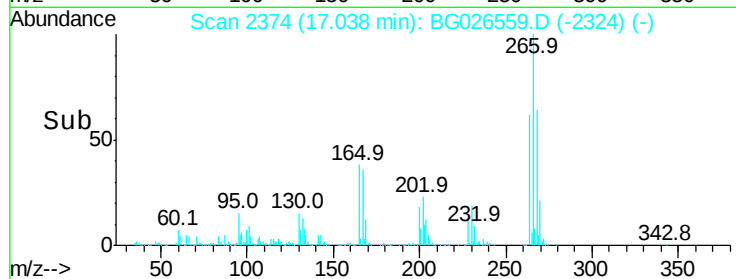
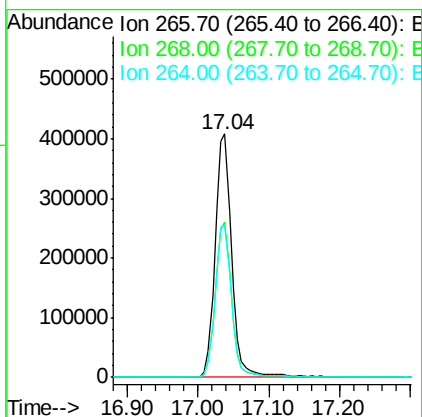
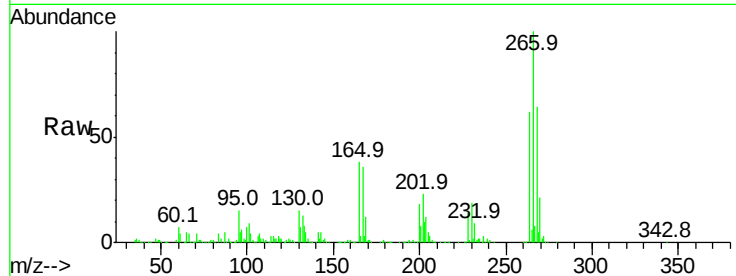




#69
 Pentachlorophenol
 Concen: 93.19 ng
 RT: 17.04 min Scan# 2374
 Delta R.T. -0.00 min
 Lab File: BG026559.D
 Acq: 5 Apr 2017 15:33

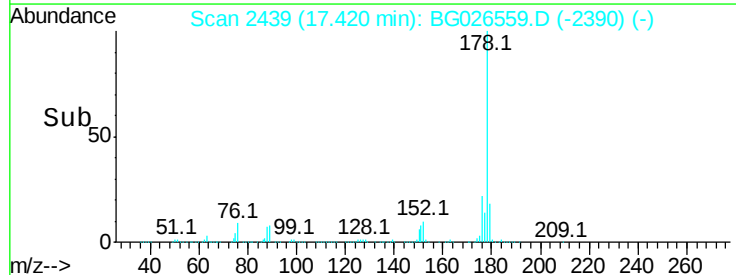
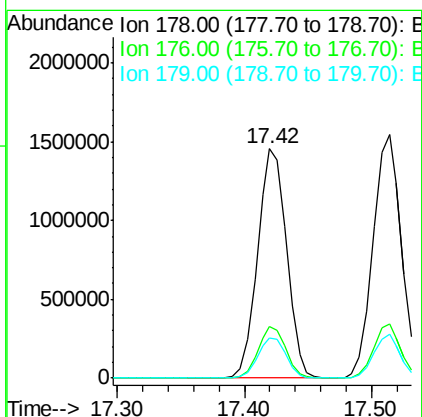
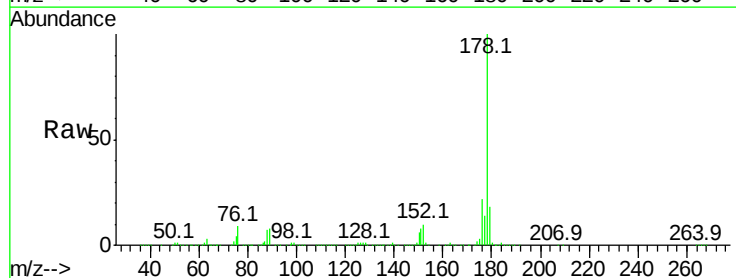
Instrument :
 BNA_G
 ClientSampled :
 PB98073BS

Tot Ion:266 Resp: 666384
 Ion Ratio Lower Upper
 266 100
 268 63.8 48.6 72.8
 264 62.4 50.1 75.1



#70
 Phenanthrene
 Concen: 43.09 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.01 min
 Lab File: BG026559.D
 Acq: 5 Apr 2017 15:33

Tgt Ion:178 Resp: 2318200
 Ion Ratio Lower Upper
 178 100
 176 22.3 17.7 26.5
 179 17.8 15.0 22.6





#71

Anthracene

Concen: 43.79 ng

RT: 17.51 min Scan# 2455

Delta R.T. -0.00 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Instrument :

BNA_G

ClientSampleId :

PB98073BS

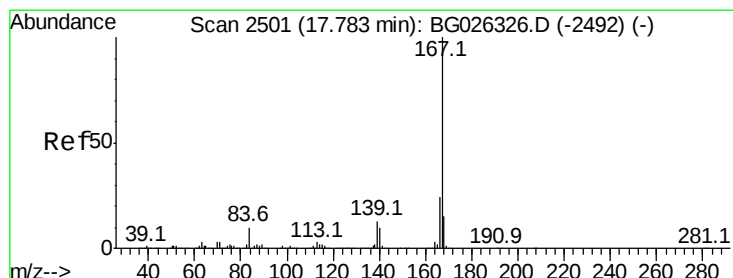
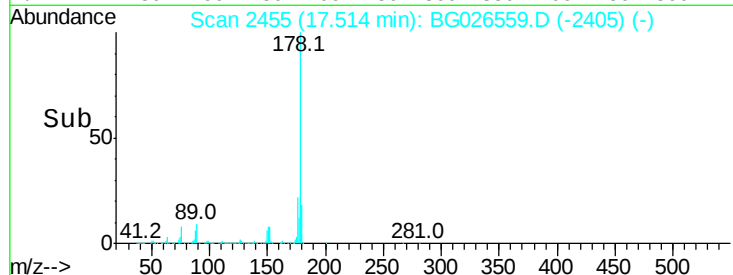
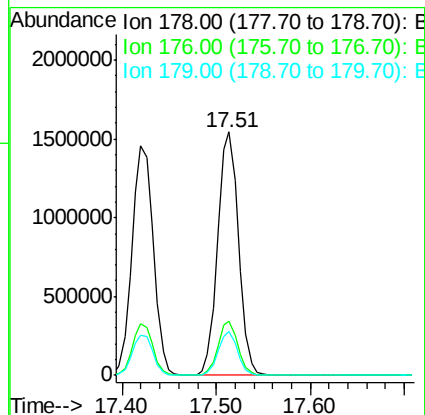
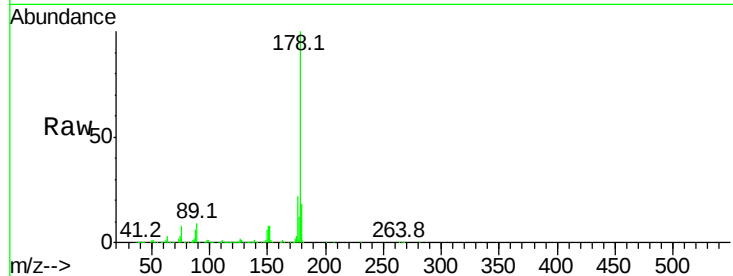
Tot Ion:178 Resp: 2403288

Ion Ratio Lower Upper

178 100

176 22.3 16.4 24.6

179 17.9 13.8 20.8



#72

Carbazole

Concen: 40.39 ng

RT: 17.78 min Scan# 2500

Delta R.T. -0.00 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

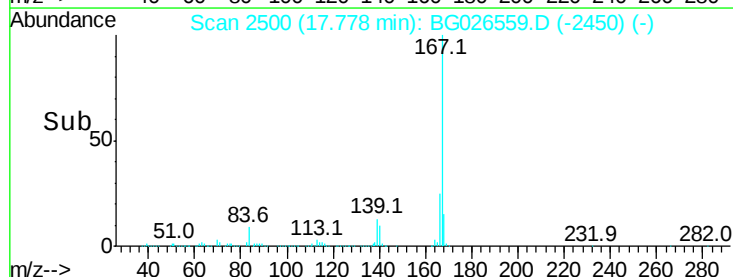
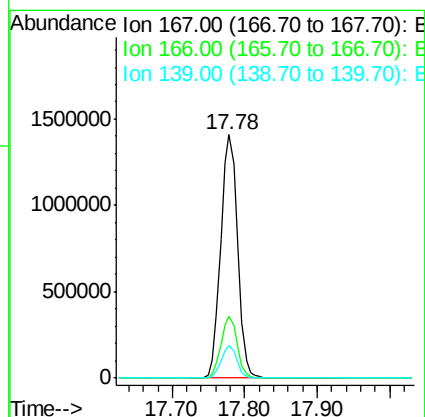
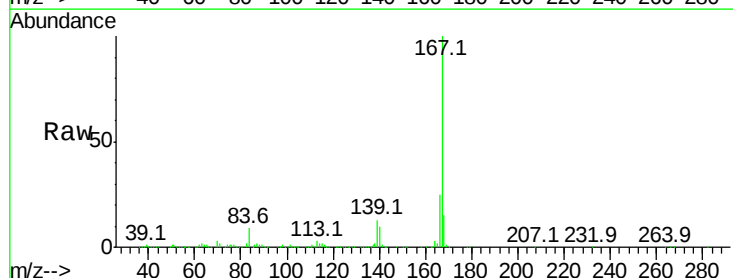
Tgt Ion:167 Resp: 2282416

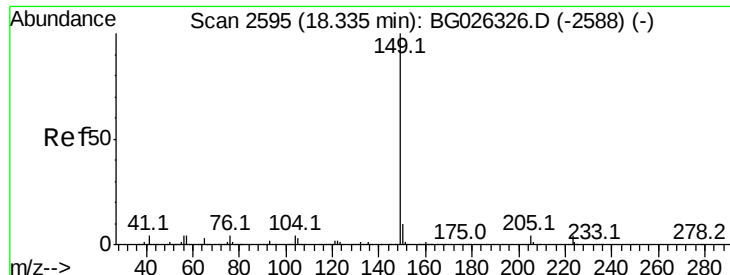
Ion Ratio Lower Upper

167 100

166 25.5 20.2 30.2

139 13.1 12.8 19.2

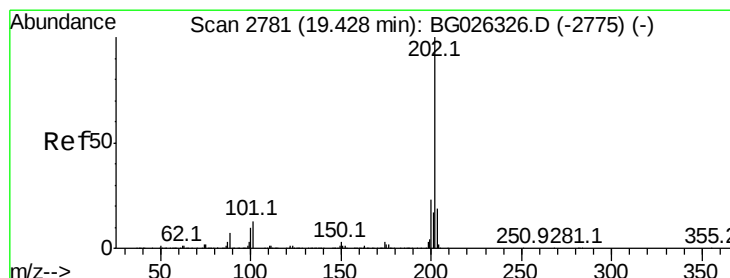
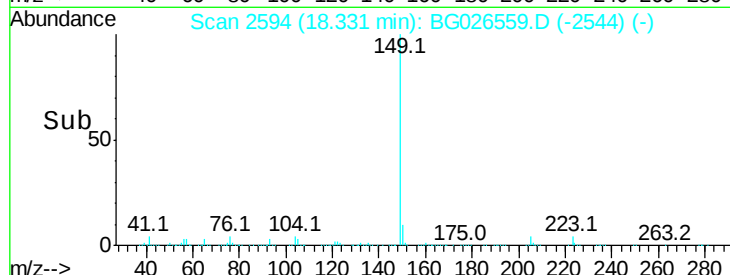
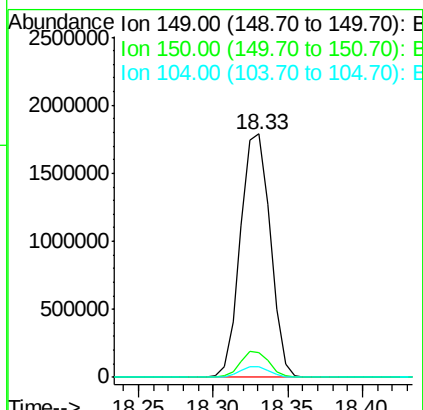
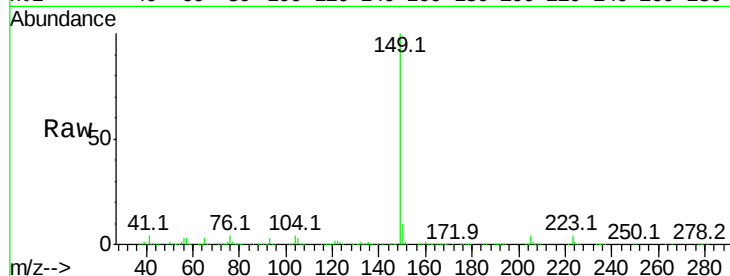




#73
Di-n-butylphthalate
Concen: 42.84 ng
RT: 18.33 min Scan# 2594
Delta R.T. -0.00 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

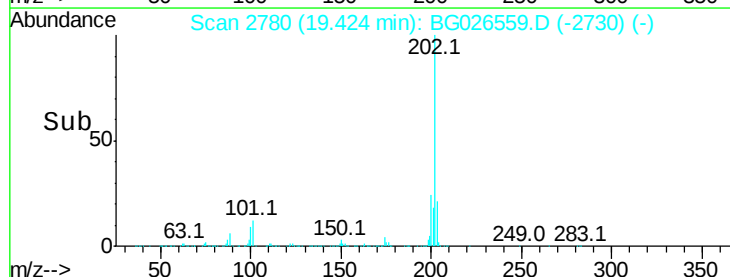
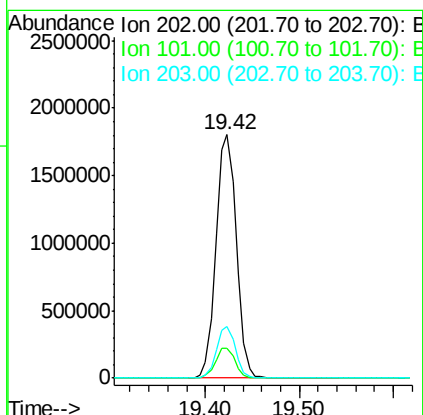
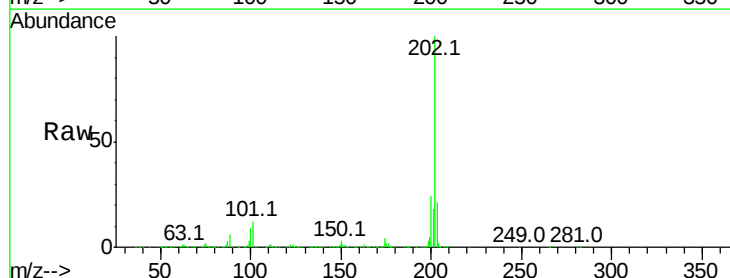
Instrument :
BNA_G
ClientSampleId :
PB98073BS

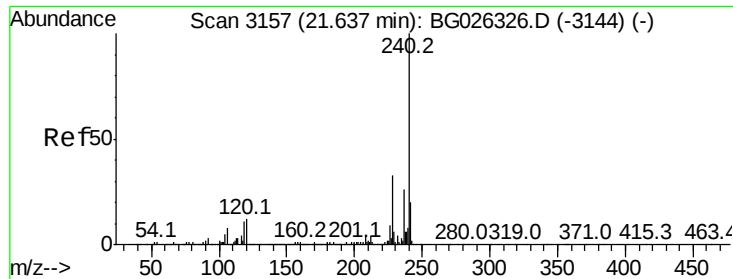
Tot Ion:149 Resp: 2486991
Ion Ratio Lower Upper
149 100
150 10.3 9.1 13.7
104 4.5 6.7 10.1#



#74
Fluoranthene
Concen: 43.14 ng
RT: 19.42 min Scan# 2780
Delta R.T. -0.00 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Tgt Ion:202 Resp: 2728905
Ion Ratio Lower Upper
202 100
101 12.4 0.0 30.1
203 21.3 1.3 41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Instrument :

BNA_G

ClientSampleId :

PB98073BS

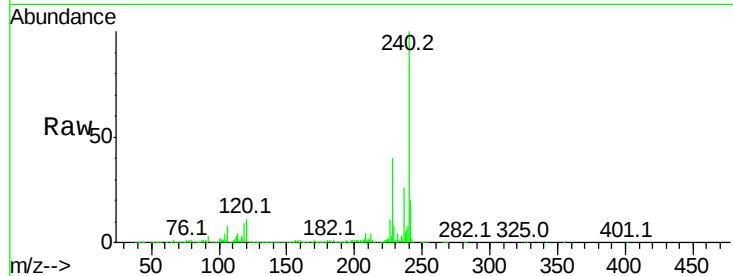
Tot Ion:240 Resp: 1125000

Ion Ratio Lower Upper

240 100

120 10.8 5.7 8.5#

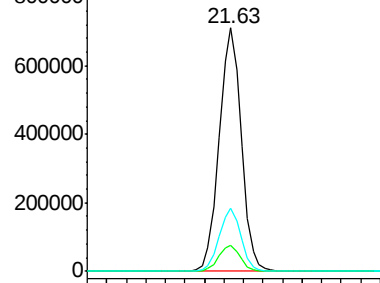
236 26.1 22.2 33.4



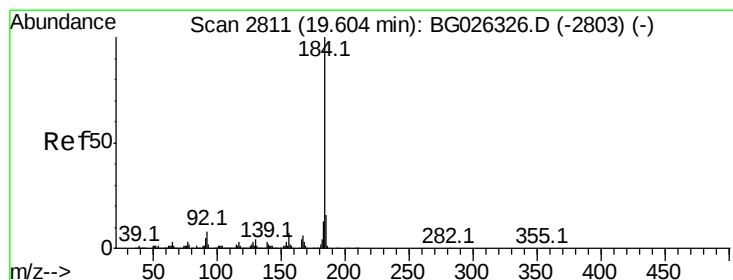
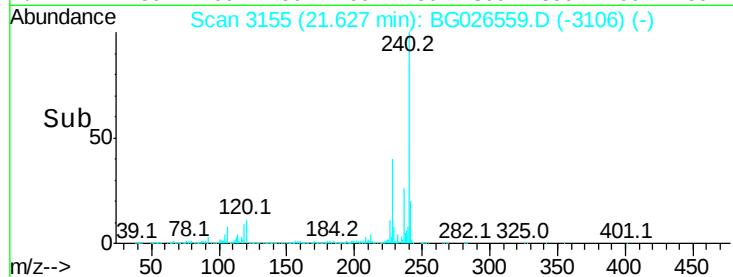
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.50 21.60 21.70



#76

Benzidine

Concen: 29.86 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

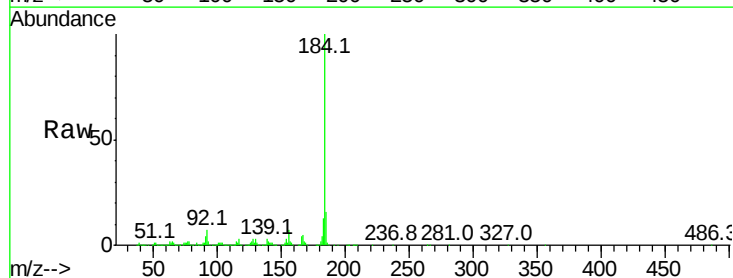
Tgt Ion:184 Resp: 1158146

Ion Ratio Lower Upper

184 100

185 16.4 13.0 19.6

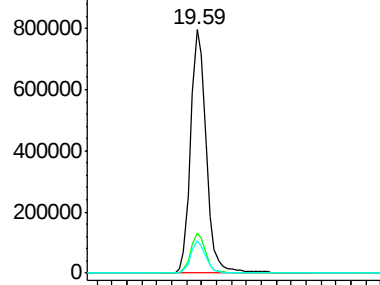
183 13.4 11.0 16.6



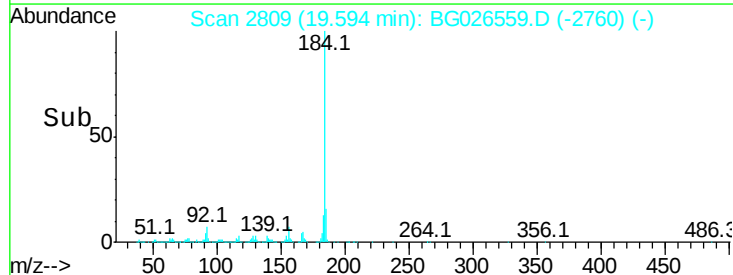
Abundance Ion 184.00 (183.70 to 184.70): E

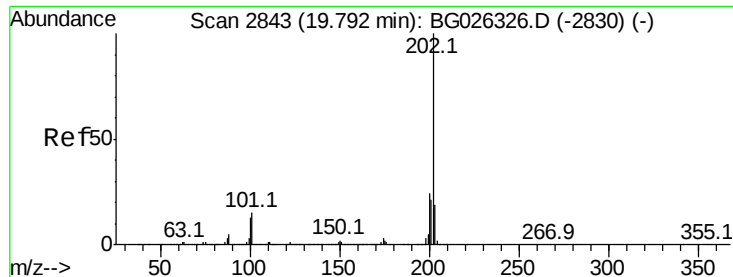
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 19.50 19.60 19.70 19.80





#77

Pvrene

Concen: 42.54 ng

RT: 19.78 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Instrument :

BNA_G

ClientSampleId :

PB98073BS

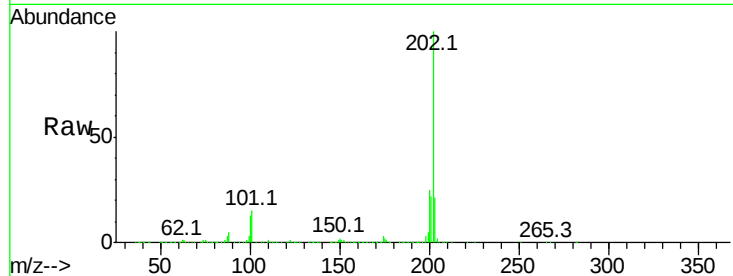
Tot Ion:202 Resp: 2771274

Ion Ratio Lower Upper

202 100

200 25.3 19.6 29.4

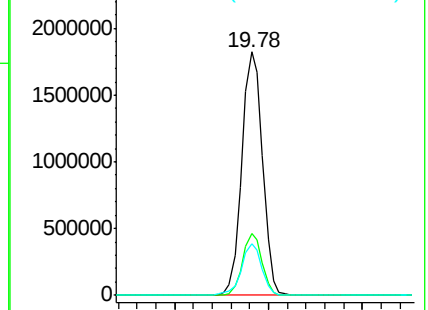
203 21.1 15.8 23.8



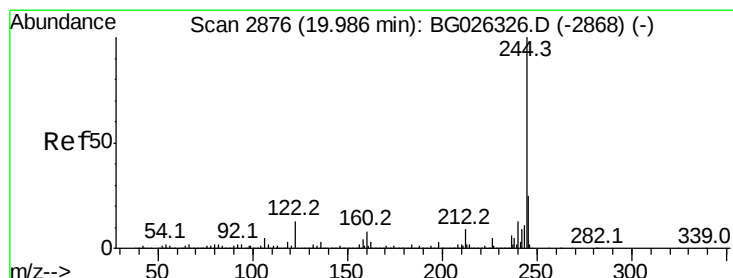
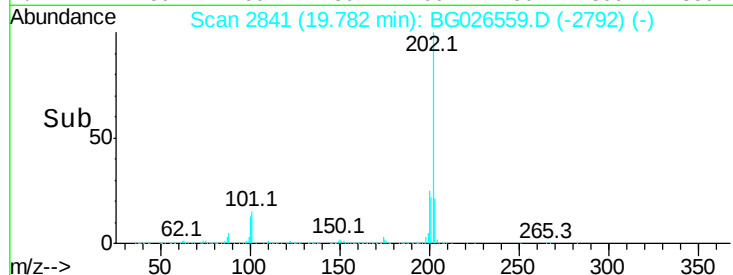
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 74.51 ng

RT: 19.98 min Scan# 2874

Delta R.T. -0.01 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

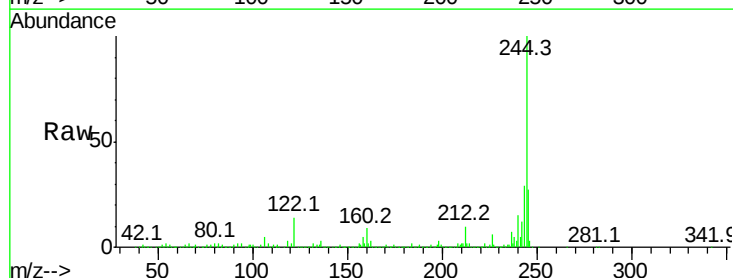
Tgt Ion:244 Resp: 3451676

Ion Ratio Lower Upper

244 100

212 9.6 10.0 15.0#

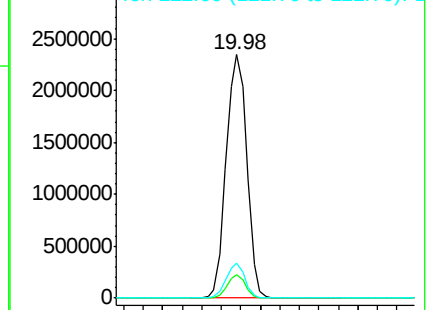
122 14.3 8.6 12.8#



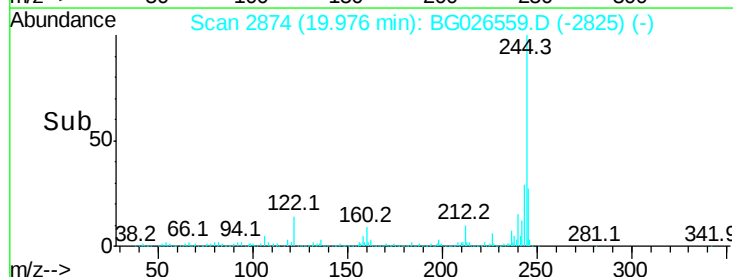
Abundance Ion 244.00 (243.70 to 244.70): E

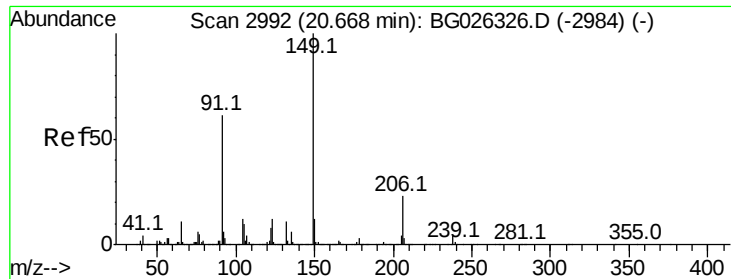
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

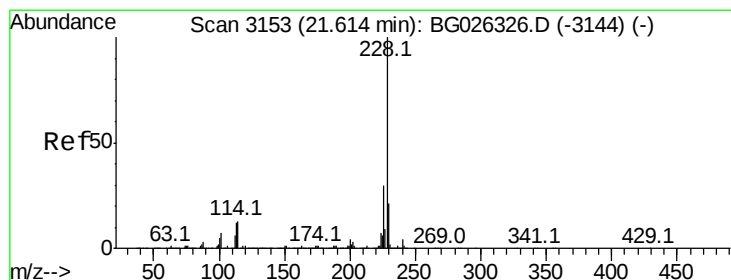
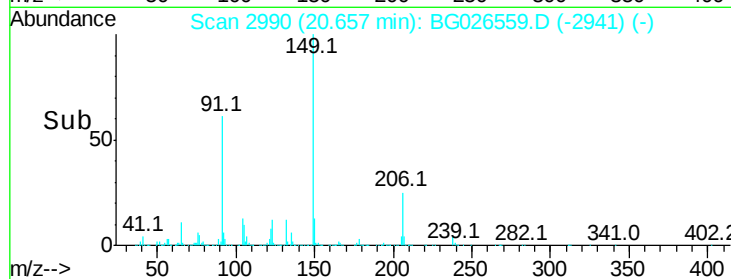
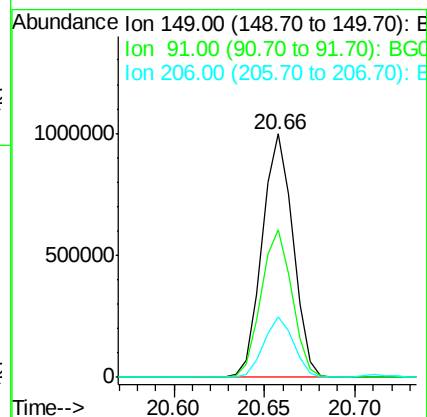
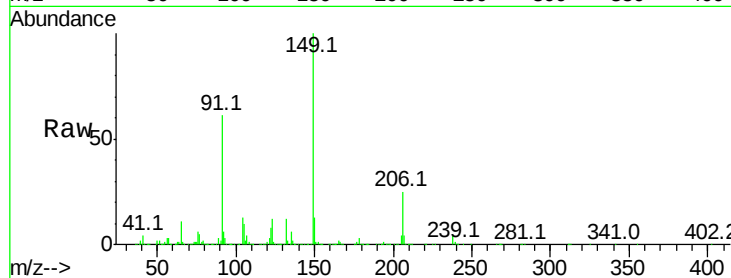




#79
Butylbenzylphthalate
Concen: 45.21 ng
RT: 20.66 min Scan# 2990
Delta R.T. -0.01 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

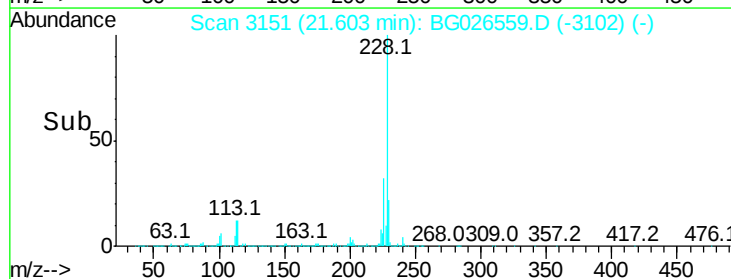
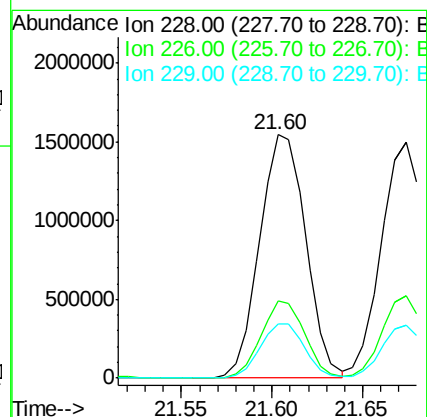
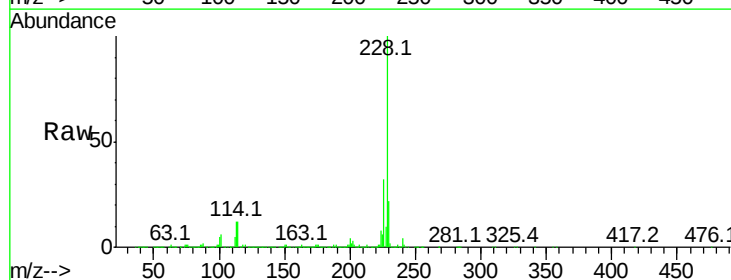
Instrument :
BNA_G
ClientSampleId :
PB98073BS

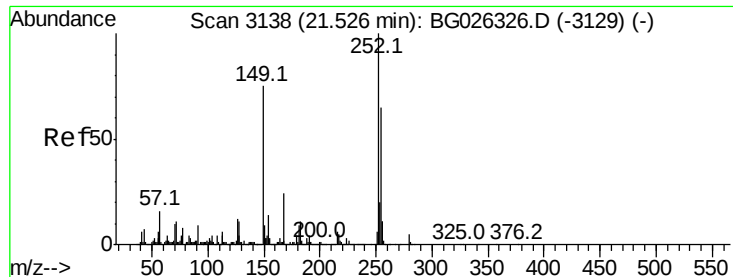
Tot Ion:149 Resp: 1178402
Ion Ratio Lower Upper
149 100
91 60.5 63.5 95.3#
206 24.9 21.0 31.6



#80
Benzo(a)anthracene
Concen: 43.17 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.01 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Tgt Ion:228 Resp: 2733261
Ion Ratio Lower Upper
228 100
226 32.0 24.9 37.3
229 22.5 18.2 27.2





#81

3,3'-Dichlorobenzidine

Concen: 26.18 ng

RT: 21.52 min Scan# 3136

Delta R.T. -0.01 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Instrument :

BNA_G

ClientSampled :

PB98073BS

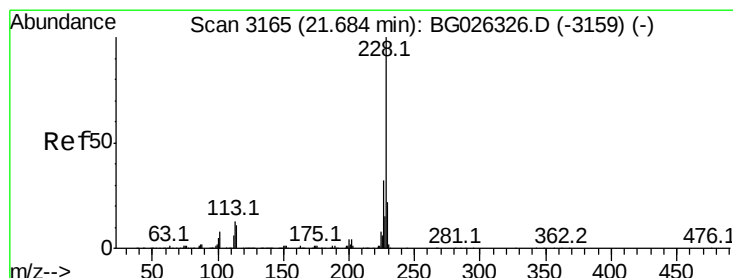
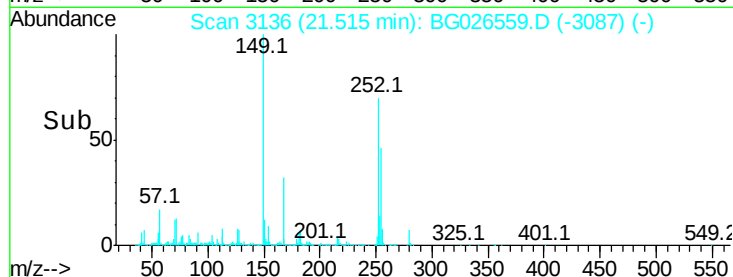
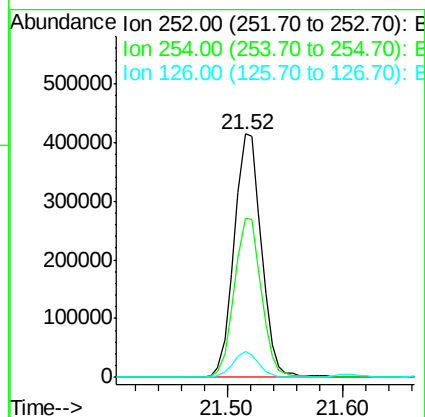
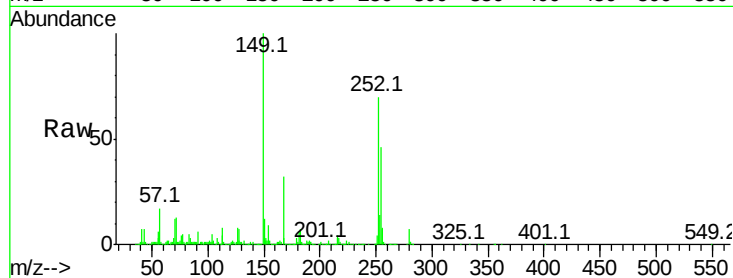
Tot Ion:252 Resp: 678503

Ion Ratio Lower Upper

252 100

254 65.4 53.1 79.7

126 10.7 7.0 10.4#



#82

Chrysene

Concen: 41.76 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

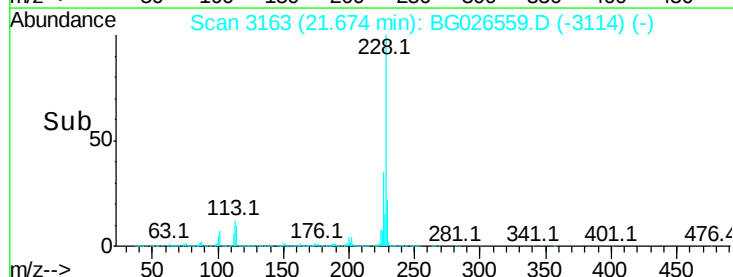
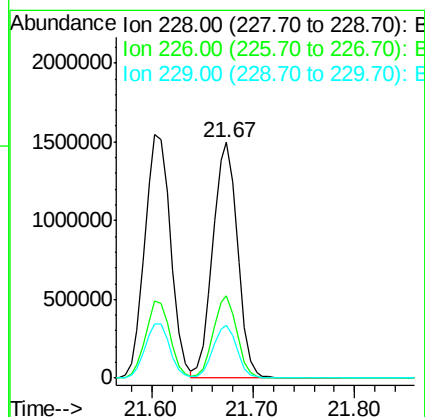
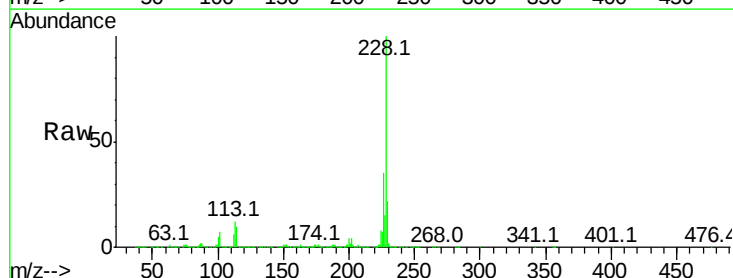
Tgt Ion:228 Resp: 2526020

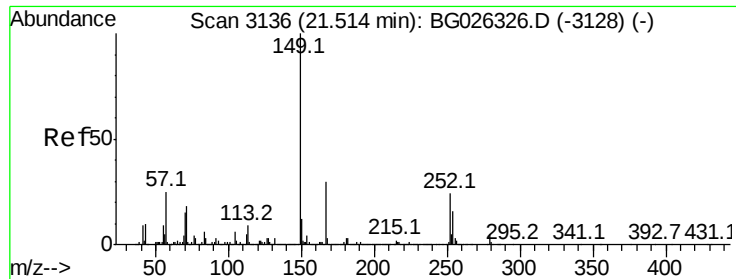
Ion Ratio Lower Upper

228 100

226 34.9 27.0 40.4

229 22.2 17.8 26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.64 ng

RT: 21.50 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Instrument :

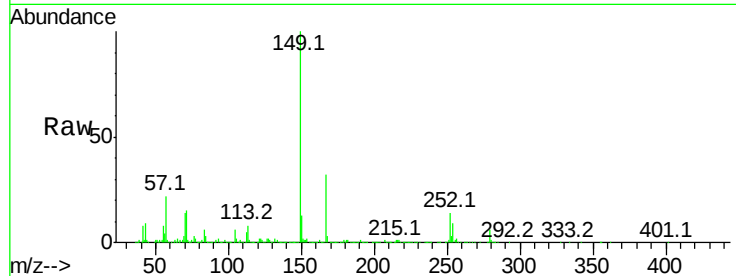
BNA_G

ClientSampleId :

PB98073BS

Tot Ion:149 Resp: 1678444

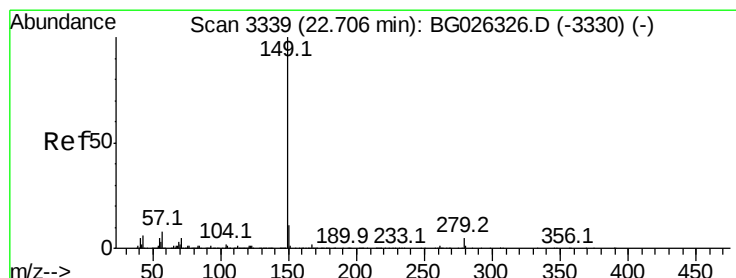
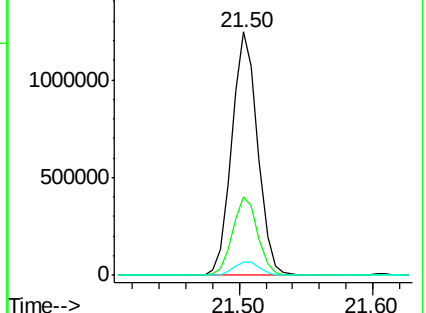
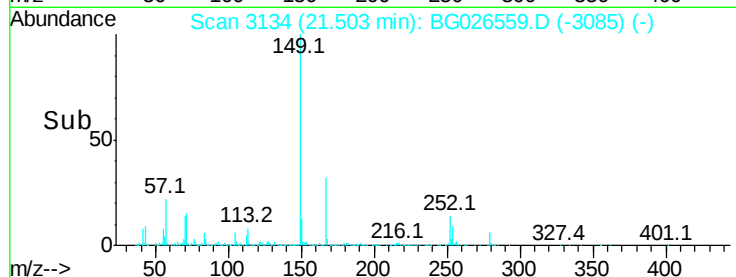
Ion	Ratio	Lower	Upper
149	100		
167	32.3	23.7	35.5
279	5.7	4.6	6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.33 ng

RT: 22.69 min Scan# 3336

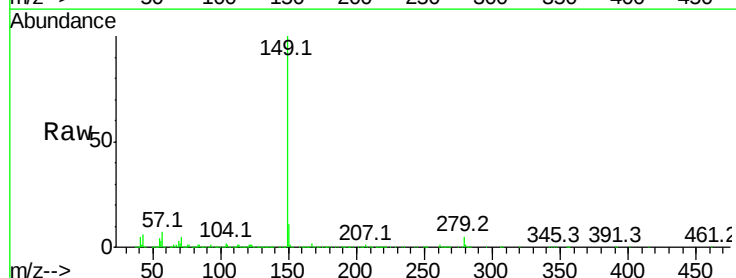
Delta R.T. -0.02 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Tgt Ion:149 Resp: 2843742

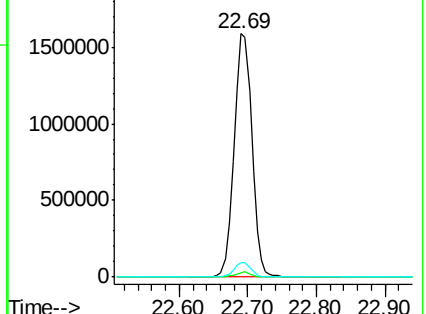
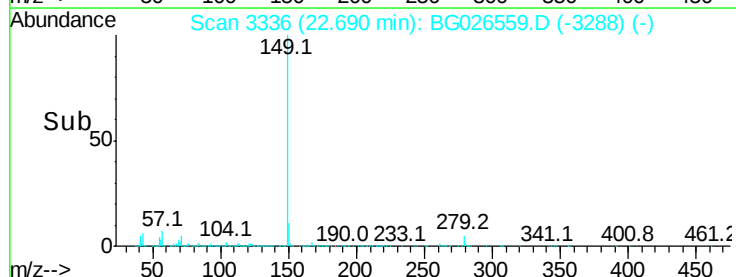
Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.2
43	5.7	11.8	17.6#



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): BG

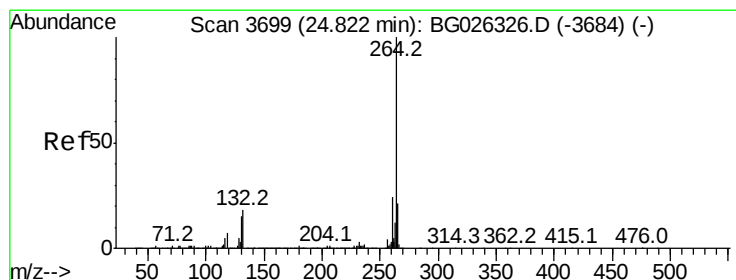
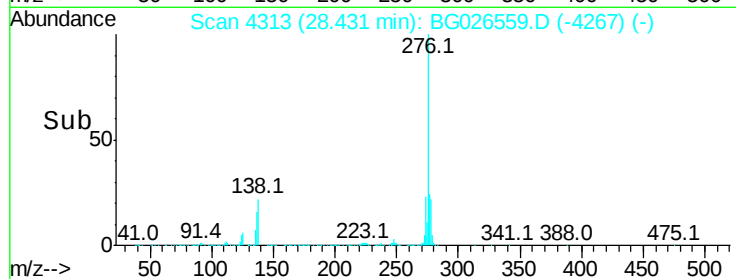
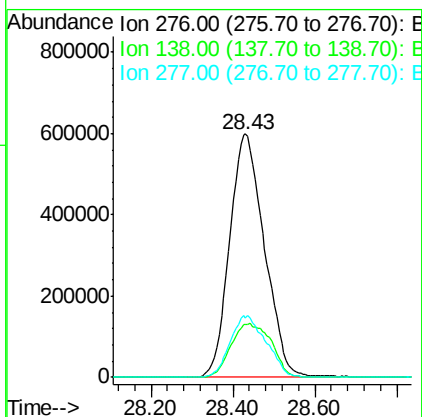
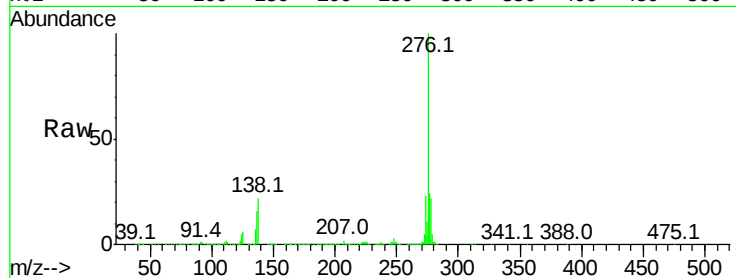




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.28 ng
 RT: 28.43 min Scan# 4313
 Delta R.T. -0.03 min
 Lab File: BG026559.D
 Acq: 5 Apr 2017 15:33

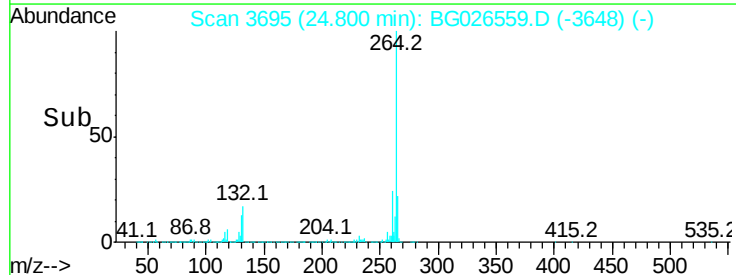
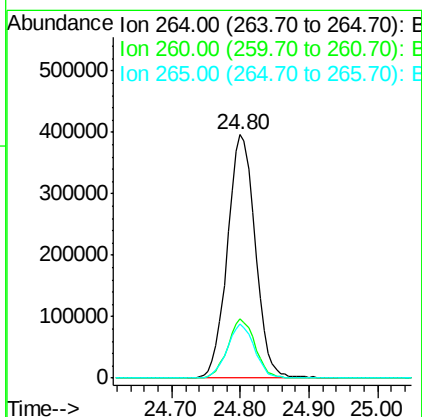
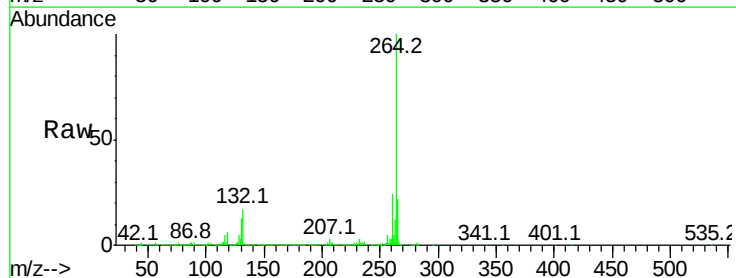
Instrument :
 BNA_G
 ClientSampleId :
 PB98073BS

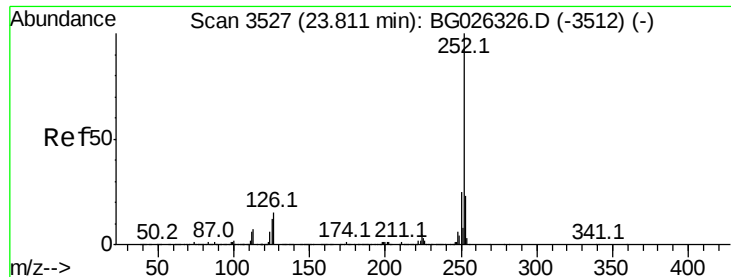
Tot Ion:276 Resp: 3531018
 Ion Ratio Lower Upper
 276 100
 138 25.8 4.7 7.1#
 277 26.4 20.6 31.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.80 min Scan# 3695
 Delta R.T. -0.02 min
 Lab File: BG026559.D
 Acq: 5 Apr 2017 15:33

Tgt Ion:264 Resp: 1114661
 Ion Ratio Lower Upper
 264 100
 260 24.3 21.8 32.8
 265 22.1 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 45.15 ng

RT: 23.79 min Scan# 3524

Delta R.T. -0.02 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Instrument :

BNA_G

ClientSampleId :

PB98073BS

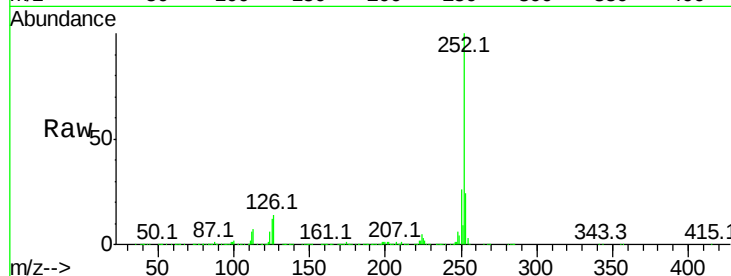
Tot Ion:252 Resp: 2966739

Ion Ratio Lower Upper

252 100

253 24.2 18.7 28.1

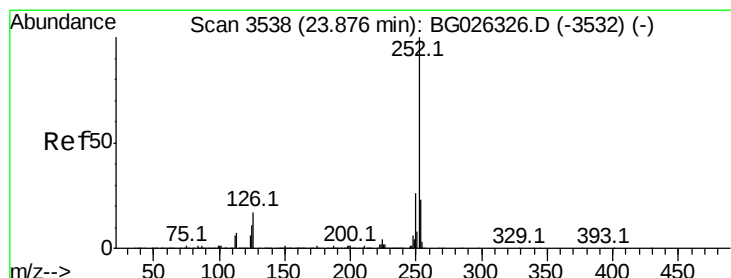
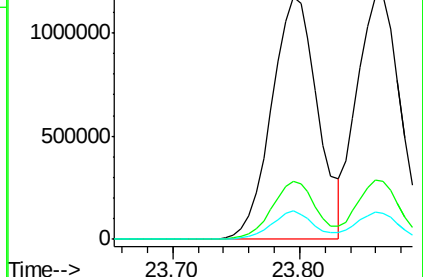
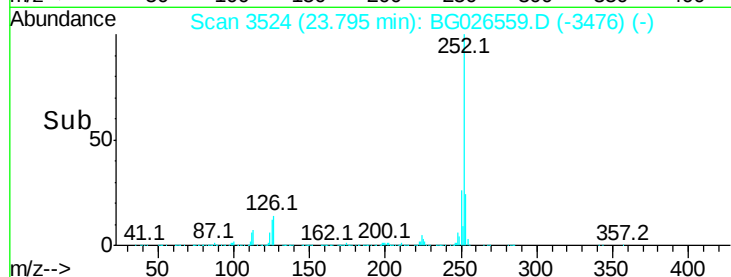
125 11.6 5.3 7.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.40 ng

RT: 23.87 min Scan# 3536

Delta R.T. -0.01 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

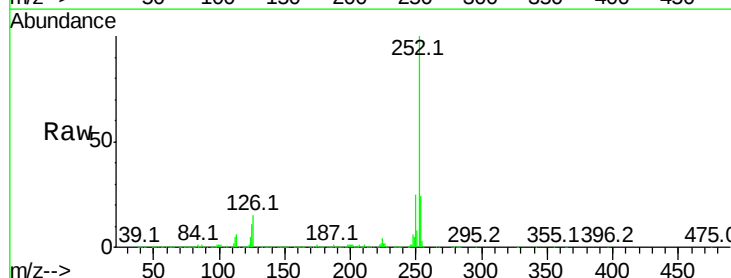
Tgt Ion:252 Resp: 2829174

Ion Ratio Lower Upper

252 100

253 24.0 20.2 30.2

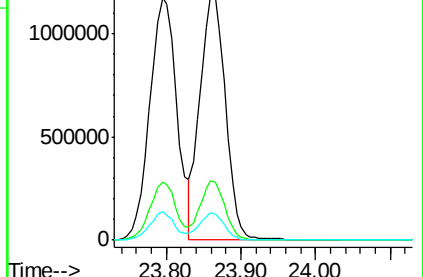
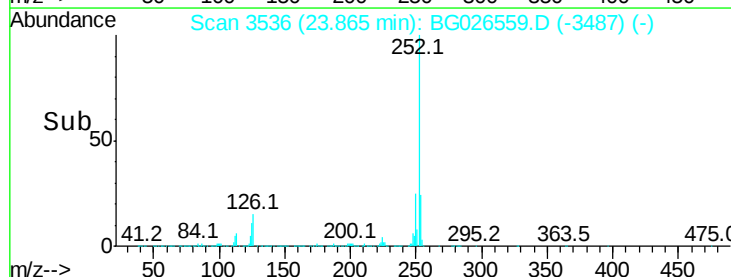
125 10.7 5.1 7.7#

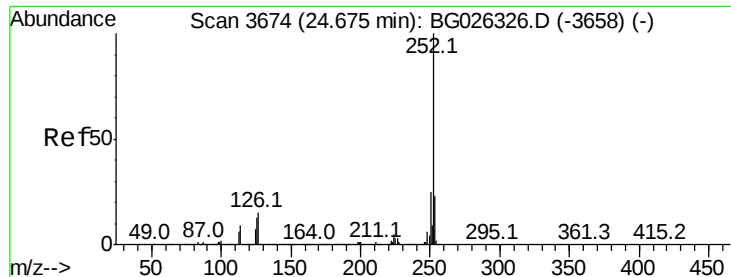


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 45.17 ng

RT: 24.66 min Scan# 3671

Delta R.T. -0.02 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Instrument :

BNA_G

ClientSampleId :

PB98073BS

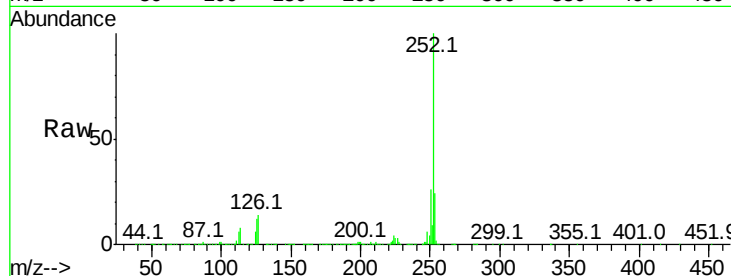
Tot Ion:252 Resp: 2846504

Ion Ratio Lower Upper

252 100

253 23.7 19.2 28.8

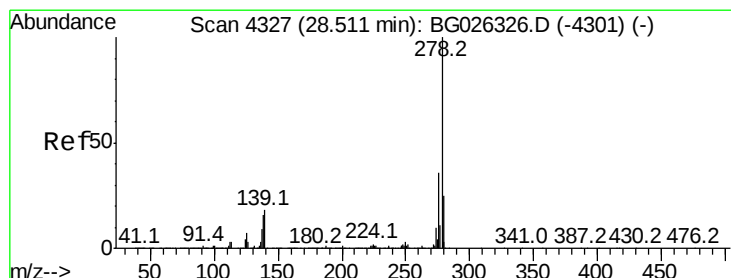
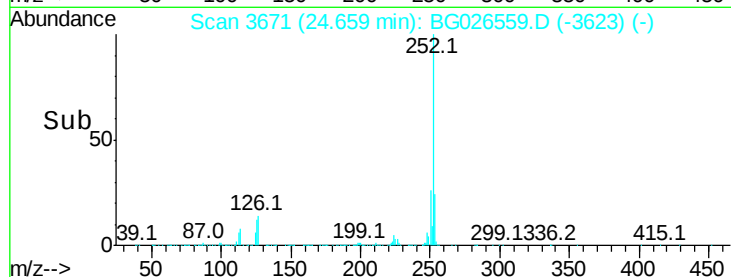
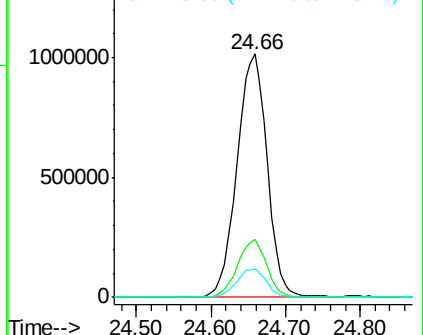
125 11.8 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.56 ng

RT: 28.49 min Scan# 4323

Delta R.T. -0.02 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

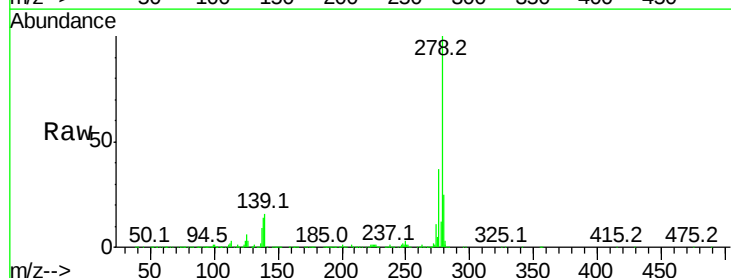
Tgt Ion:278 Resp: 2965802

Ion Ratio Lower Upper

278 100

139 16.1 7.7 11.5#

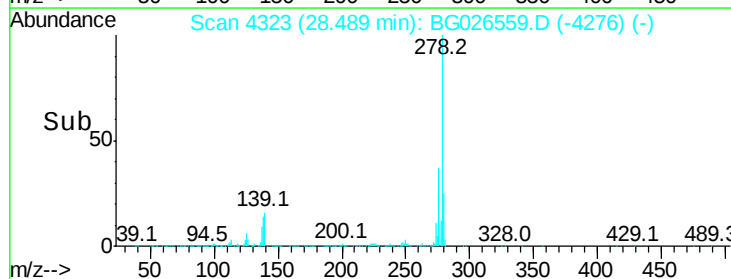
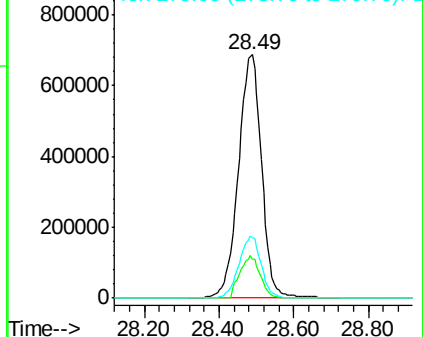
279 24.7 19.1 28.7

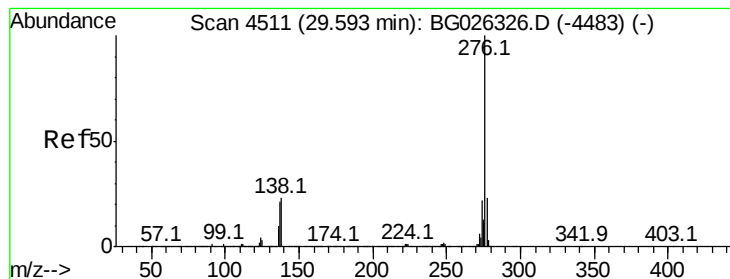


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 45.49 ng

RT: 29.56 min Scan# 4506

Delta R.T. -0.03 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Instrument :

BNA_G

ClientSampleId :

PB98073BS

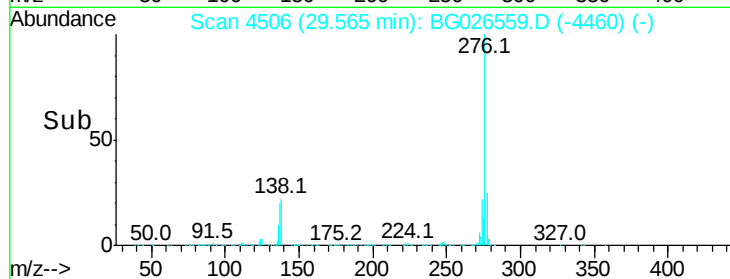
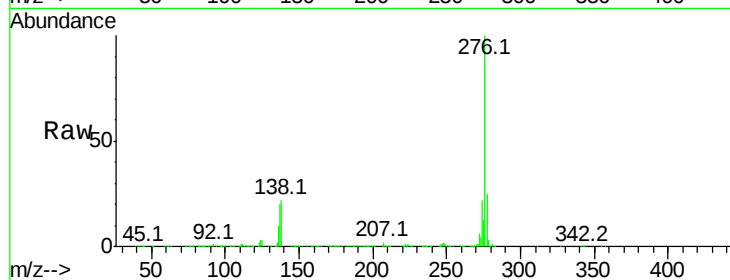
Tot Ion:276 Resp: 2919531

Ion Ratio Lower Upper

276 100

277 24.8 18.6 27.8

138 21.8 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

