

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032217\
 Data File : BG026379.D
 Acq On : 22 Mar 2017 17:21
 Operator : SJ/MA
 Sample : PB97738BS
 Misc : L00 20 PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB97738BS

Quant Time: Mar 23 01:13:00 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	135843	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	591225	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	341388	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	818372	20.00	ng	0.00
75) Chrysene-d12	21.63	240	892917	20.00	ng	0.00
86) Perylene-d12	24.81	264	897170	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	979875	128.03	ng	0.00
7) Phenol-d6	7.21	99	1311746	127.66	ng	0.00
23) Nitrobenzene-d5	9.20	82	700296	71.22	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	553114	141.48	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	1921012	78.91	ng	0.00
78) Terphenyl-d14	19.98	244	2656560	72.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	87638	25.51	ng	# 72
3) Pyridine	3.90	79	260696	27.71	ng	# 60
4) n-Nitrosodimethylamine	3.81	42	82550	32.10	ng	# 1
6) Aniline	7.37	93	370396	26.98	ng	# 86
8) 2-Chlorophenol	7.61	128	347482	40.32	ng	# 82
9) Benzaldehyde	7.18	77	91618	13.21	ng	# 62
10) Phenol	7.23	94	438277	39.97	ng	# 70
11) bis(2-Chloroethyl)ether	7.46	93	310561	34.54	ng	# 81
12) 1,3-Dichlorobenzene	7.93	146	370396	36.10	ng	# 85
13) 1,4-Dichlorobenzene	8.08	146	377167	36.34	ng	# 93
14) 1,2-Dichlorobenzene	8.40	146	361231	36.37	ng	# 89
15) Benzyl Alcohol	8.28	79	262751	39.00	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	8.57	45	309469	30.99	ng	# 82
17) 2-Methylphenol	8.48	107	309171	39.70	ng	# 82
18) Hexachloroethane	9.13	117	121350	35.76	ng	# 96
19) n-Nitroso-di-n-propylamine	8.84	70	236516	35.81	ng	# 71
20) 3+4-Methylphenols	8.81	107	426739	39.80	ng	# 85
22) Acetophenone	8.86	105	493605	36.31	ng	# 73
24) Nitrobenzene	9.24	77	342321	35.26	ng	# 73
25) Isophorone	9.77	82	677689	36.57	ng	# 89
26) 2-Nitrophenol	9.95	139	201590	39.91	ng	# 62
27) 2,4-Dimethylphenol	10.01	122	344644	41.56	ng	# 86
28) bis(2-Chloroethoxy)methane	10.24	93	438322	36.41	ng	# 97
29) 2,4-Dichlorophenol	10.49	162	360718	43.01	ng	# 92
30) 1,2,4-Trichlorobenzene	10.71	180	360796	38.30	ng	# 97
31) Naphthalene	10.89	128	1083599	36.25	ng	# 100
32) Benzoic acid	10.15	122	245917	38.54	ng	# 72
33) 4-Chloroaniline	11.00	127	217464	17.89	ng	# 81
34) Hexachlorobutadiene	11.18	225	206878	37.22	ng	# 96
35) Caprolactam	11.76	113	66501	20.13	ng	# 50
36) 4-Chloro-3-methylphenol	12.12	107	369715	41.21	ng	# 76
37) 2-Methylnaphthalene	12.49	142	842684	38.49	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	394979	38.45	ng	# 98
40) Hexachlorocyclopentadiene	12.84	237	470255	86.98	ng	# 97

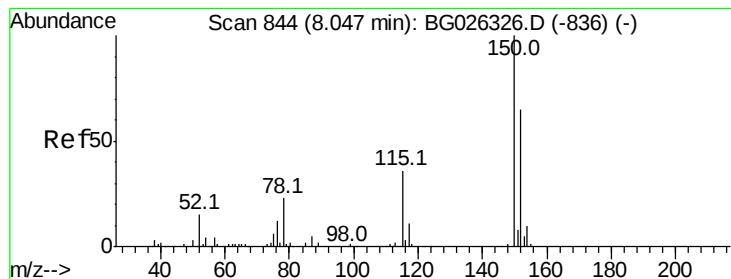
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	294129	43.73	nq	97
43) 2,4,5-Trichlorophenol	13.17	196	307426	41.36	nq #	91
45) 1,1'-Biphenyl	13.49	154	1085669	38.40	nq	97
46) 2-Chloronaphthalene	13.53	162	816937	39.56	nq	95
47) 2-Nitroaniline	13.73	65	213988	36.44	nq #	60
48) Acenaphthylene	14.38	152	1342632	37.30	nq	99
49) Dimethylphthalate	14.10	163	1058139	41.06	nq	98
50) 2,6-Dinitrotoluene	14.22	165	250148	41.59	nq #	59
51) Acenaphthene	14.71	154	844341	38.09	nq	99
52) 3-Nitroaniline	14.55	138	160839	24.29	nq #	66
53) 2,4-Dinitrophenol	14.76	184	292269	83.78	nq #	75
54) Dibenzofuran	15.05	168	1297034	41.56	nq #	90
55) 4-Nitrophenol	14.86	139	451597	83.28	nq #	39
56) 2,4-Dinitrotoluene	15.01	165	356151	42.11	nq #	69
57) Fluorene	15.69	166	1076898	38.77	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.27	232	298233	46.00	nq #	95
59) Diethylphthalate	15.46	149	1061763	40.31	nq	99
60) 4-Chlorophenyl-phenylether	15.68	204	529973	40.27	nq	88
61) 4-Nitroaniline	15.71	138	275036	39.26	nq #	49
62) Azobenzene	15.98	77	866707	40.47	nq	77
64) 4,6-Dinitro-2-methylphenol	15.77	198	219766	42.59	nq	83
65) n-Nitrosodiphenylamine	15.89	169	958971	39.93	nq	99
66) 4-Bromophenyl-phenylether	16.57	248	351529	41.73	nq	95
67) Hexachlorobenzene	16.70	284	373047	41.52	nq	90
68) Atrazine	16.83	200	345718	38.02	nq	96
69) Pentachlorophenol	17.04	266	466305	79.82	nq	97
70) Phenanthrene	17.43	178	1694339	38.55	nq	96
71) Anthracene	17.52	178	1749792	39.03	nq	99
72) Carbazole	17.78	167	1656451	35.88	nq #	96
73) Di-n-butylphthalate	18.33	149	1873122	39.49	nq #	94
74) Fluoranthene	19.42	202	1984142	38.39	nq	96
76) Benzidine	19.60	184	763965	24.82	nq	98
77) Pyrene	19.79	202	2019998	39.07	nq	99
79) Butylbenzylphthalate	20.66	149	862042	41.67	nq	85
80) Benzo(a)anthracene	21.61	228	1961539	39.04	nq	98
81) 3,3'-Dichlorobenzidine	21.52	252	501725	24.39	nq	99
82) Chrysene	21.68	228	1798940	37.47	nq	100
83) Bis(2-ethylhexyl)phthalate	21.51	149	1239131	39.66	nq	98
84) Di-n-octyl phthalate	22.70	149	2139745	40.13	nq #	80
85) Indeno(1,2,3-cd)pyrene	28.44	276	2437804	41.13	nq #	88
87) Benzo(b)fluoranthene	23.80	252	2025080	38.29	nq #	96
88) Benzo(k)fluoranthene	23.87	252	2028435	39.55	nq #	94
89) Benzo(a)pyrene	24.66	252	2001591	39.46	nq #	95
90) Dibenzo(a,h)anthracene	28.49	278	2034563	39.69	nq #	94
91) Benzo(g,h,i)perylene	29.57	276	2017527	39.06	nq #	87

(#) = 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

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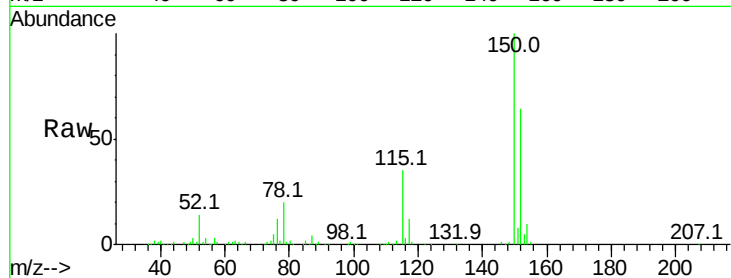
Tot Ion:152 Resp: 135843

Ion Ratio Lower Upper

152 100

150 155.2 114.0 171.0

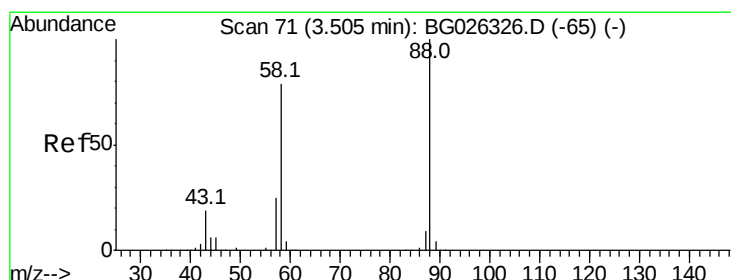
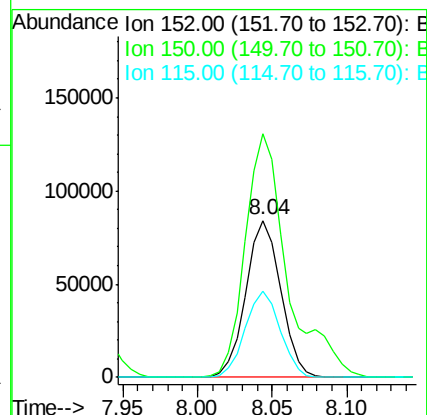
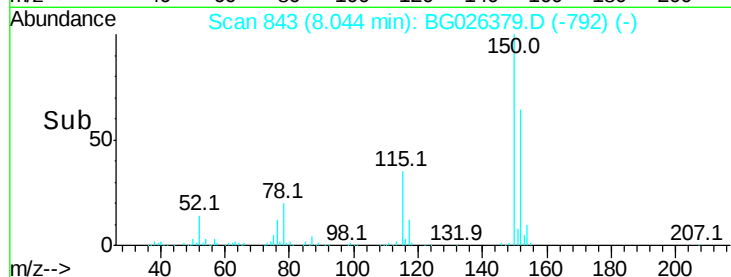
115 54.5 48.1 72.1



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: 25.51 ng

RT: 3.50 min Scan# 70

Delta R.T. -0.00 min

Lab File: BG026379.D

Acq: 22 Mar 2017 17:21

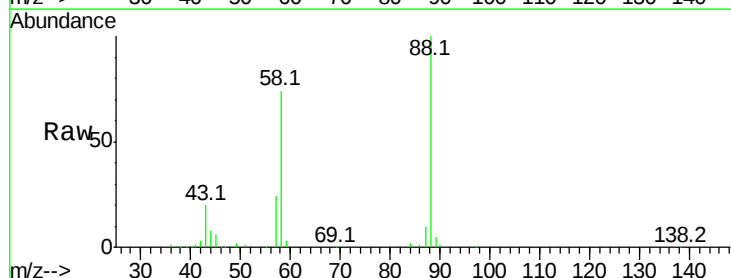
Tgt Ion: 88 Resp: 87638

Ion Ratio Lower Upper

88 100

58 74.4 79.4 119.2#

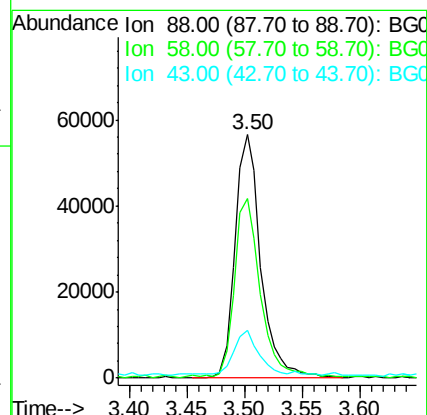
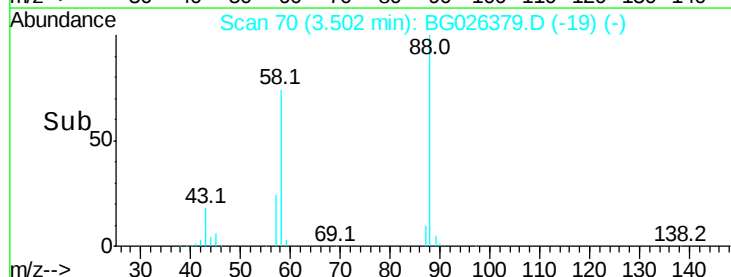
43 19.2 33.8 50.6#

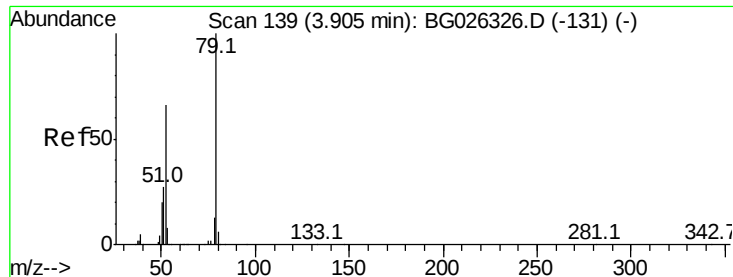


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 27.71 ng

RT: 3.90 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG026379.D

Acq: 22 Mar 2017 17:21

Instrument :

BNA_G

ClientSampleId :

PB97738BS

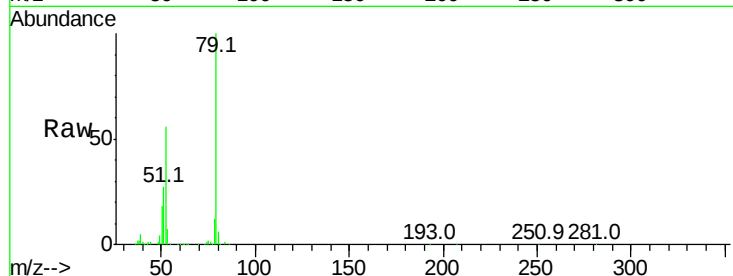
Tot Ion: 79 Resp: 260696

Ion Ratio Lower Upper

79 100

52 56.2 77.8 116.6#

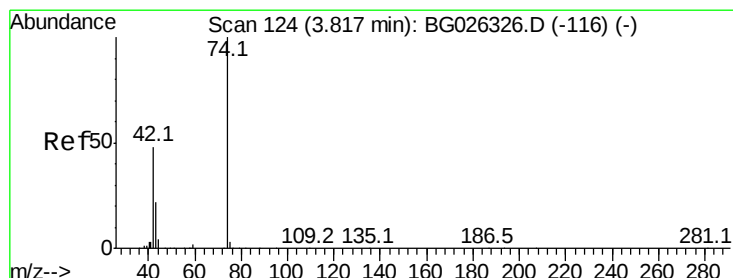
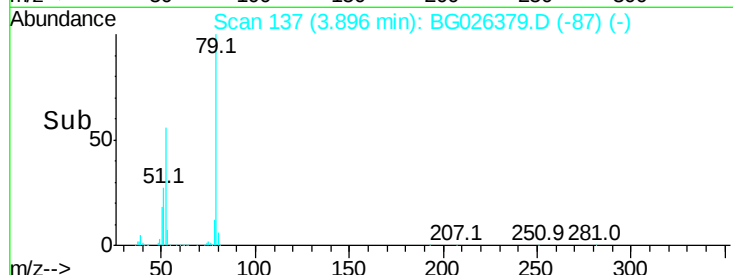
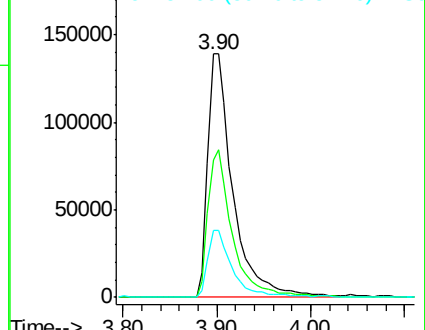
51 27.2 43.2 64.8#



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: 32.10 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.00 min

Lab File: BG026379.D

Acq: 22 Mar 2017 17:21

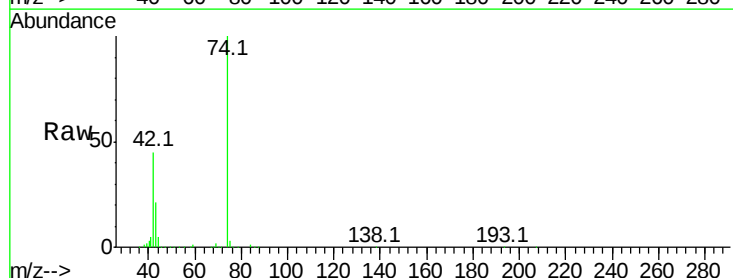
Tgt Ion: 42 Resp: 82550

Ion Ratio Lower Upper

42 100

74 222.3 76.7 115.1#

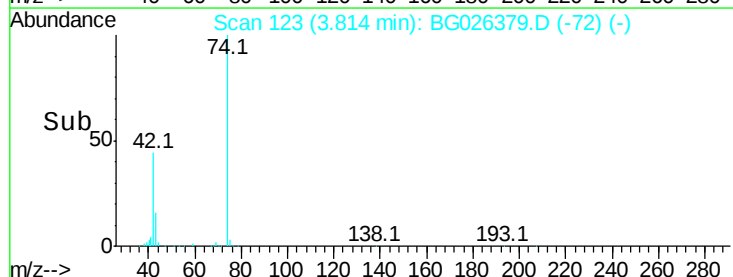
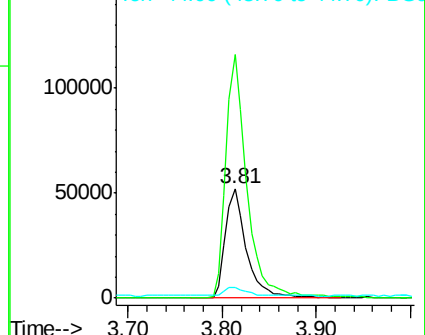
44 10.3 6.1 9.1#

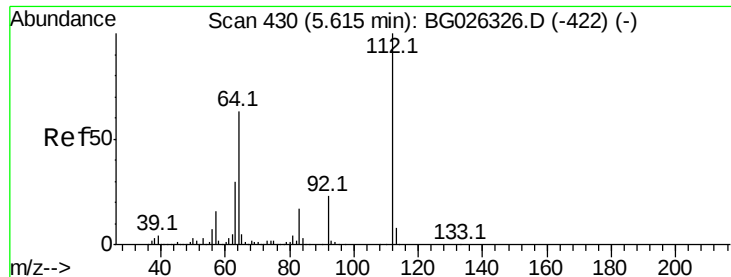


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 128.03 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG026379.D

Acq: 22 Mar 2017 17:21

Instrument :

BNA_G

ClientSampleId :

PB97738BS

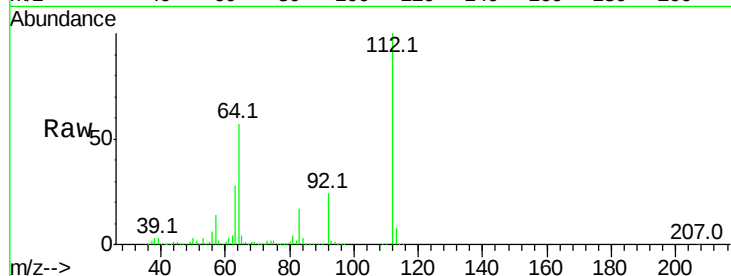
Tot Ion:112 Resp: 979875

Ion Ratio Lower Upper

112 100

64 57.0 61.8 92.6#

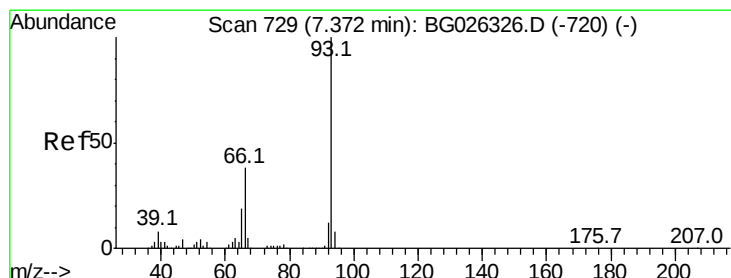
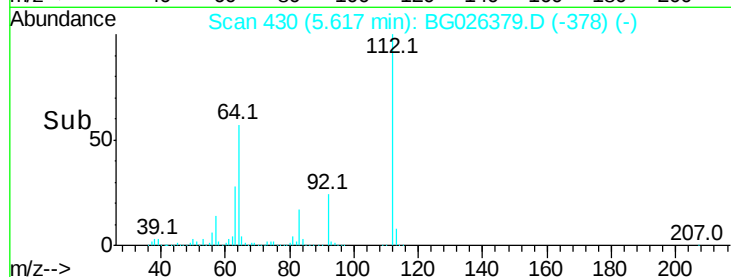
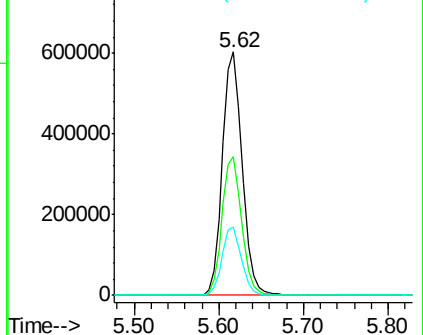
63 27.8 37.2 55.8#



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: 26.98 ng

RT: 7.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BG026379.D

Acq: 22 Mar 2017 17:21

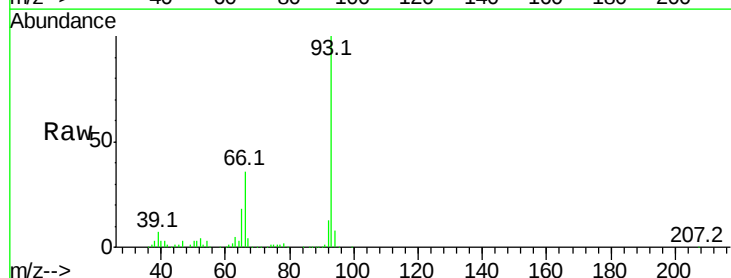
Tgt Ion: 93 Resp: 370396

Ion Ratio Lower Upper

93 100

66 36.1 35.4 53.2

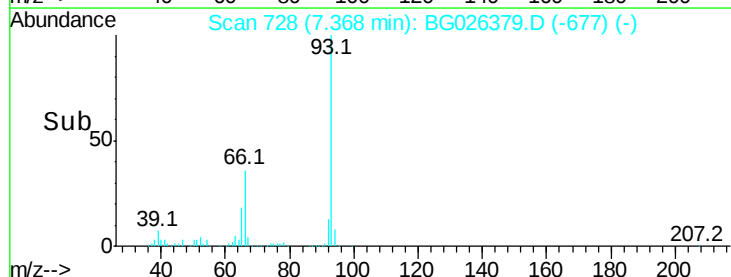
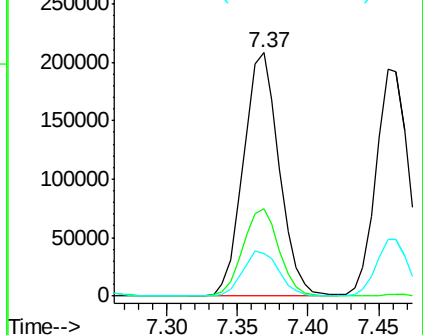
65 17.5 21.2 31.8#

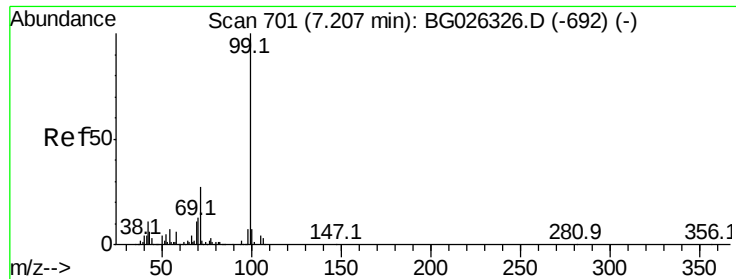


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 127.66 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG026379.D

Acq: 22 Mar 2017 17:21

Instrument :

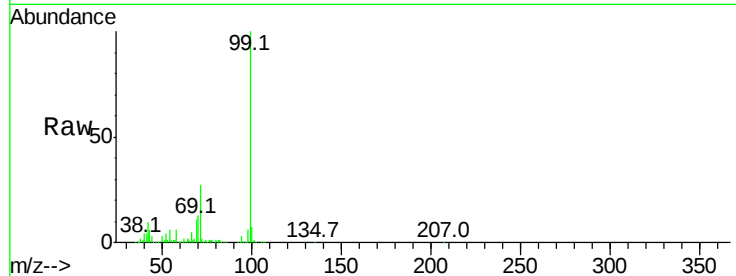
BNA_G

ClientSampleId :

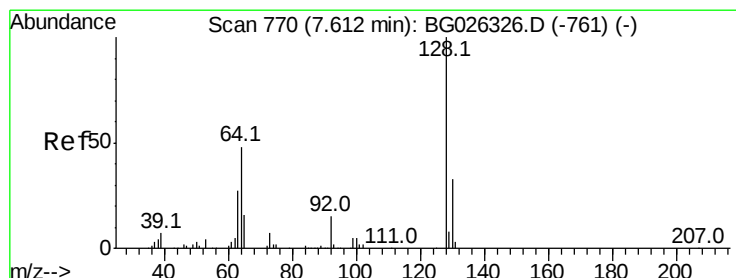
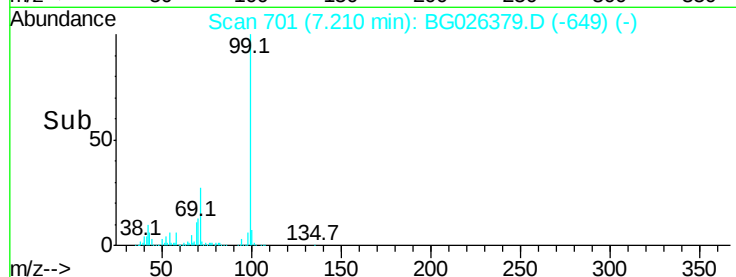
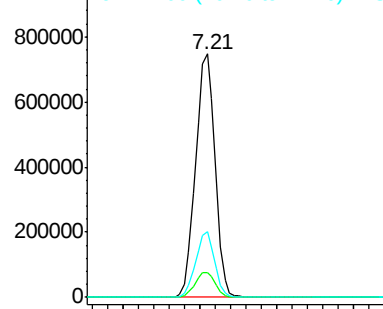
PB97738BS

Tot Ion: 99 Resp: 1311746

Ion	Ratio	Lower	Upper
99	100		
42	10.4	20.5	30.7#
71	26.9	37.6	56.4#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 40.32 ng

RT: 7.61 min Scan# 769

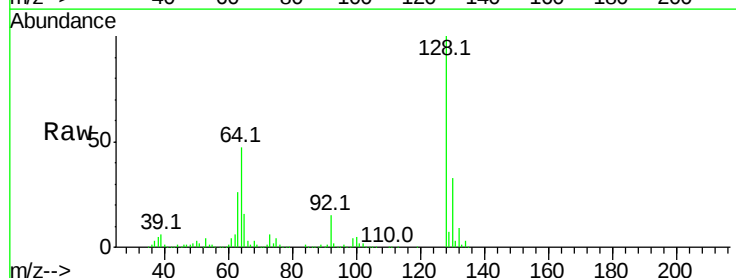
Delta R.T. -0.00 min

Lab File: BG026379.D

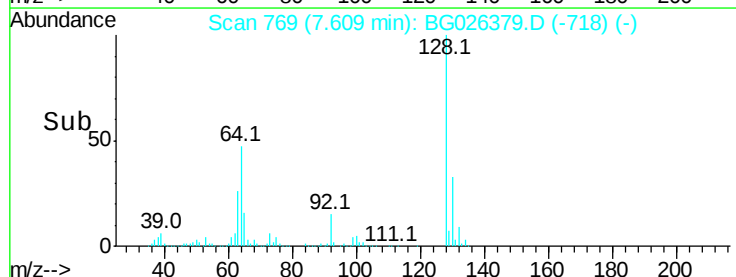
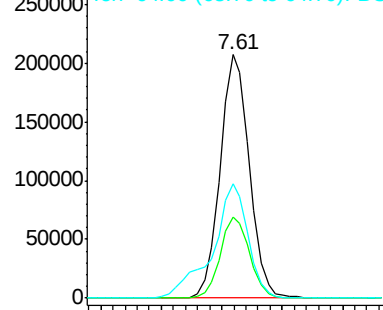
Acq: 22 Mar 2017 17:21

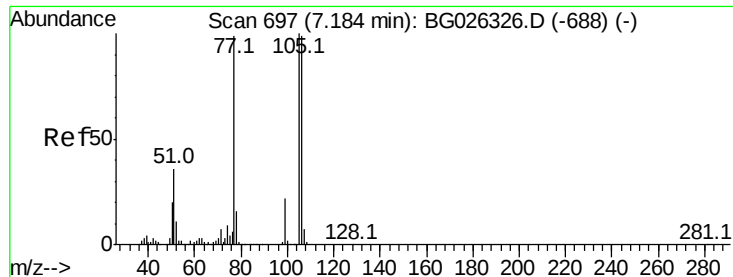
Tgt Ion:128 Resp: 347482

Ion	Ratio	Lower	Upper
128	100		
130	33.5	11.4	51.4
64	46.8	46.6	86.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 13.21 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG026379.D

Acq: 22 Mar 2017 17:21

Instrument :

BNA_G

ClientSampleId :

PB97738BS

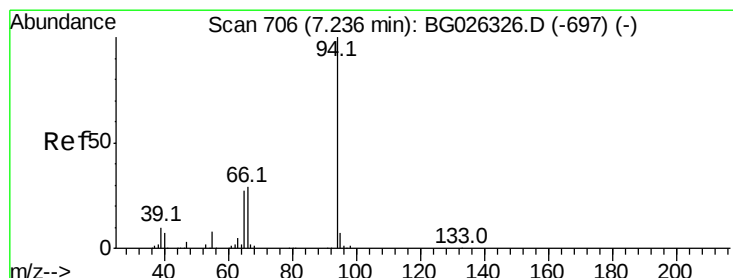
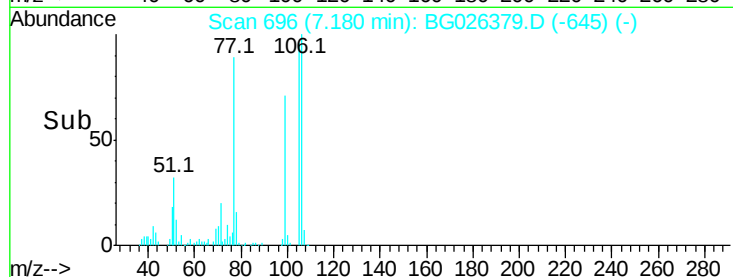
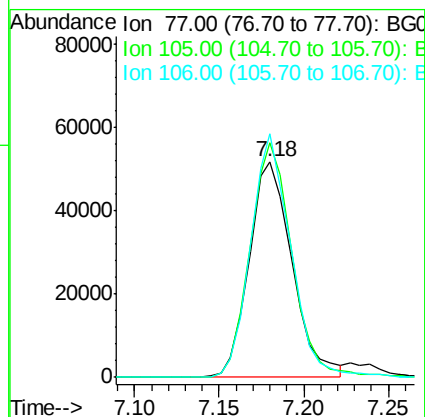
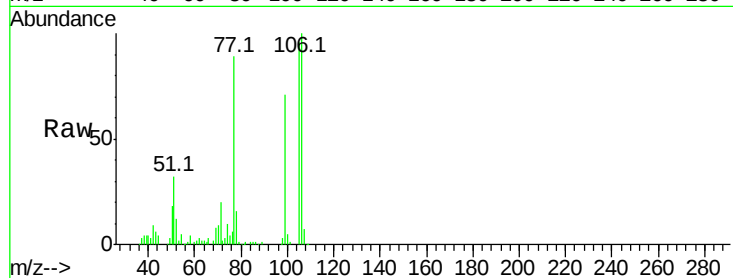
Tot Ion: 77 Resp: 91618

Ion Ratio Lower Upper

77 100

105 108.6 60.9 100.9#

106 112.9 55.1 95.1#



#10

Phenol

Concen: 39.97 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG026379.D

Acq: 22 Mar 2017 17:21

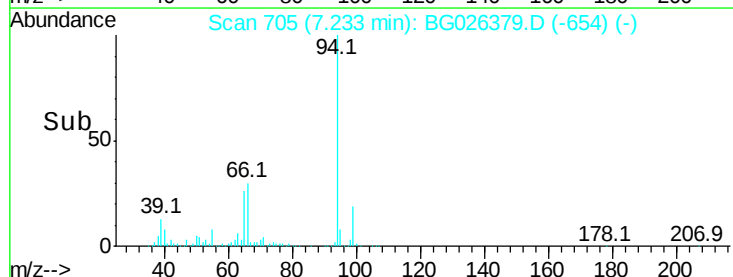
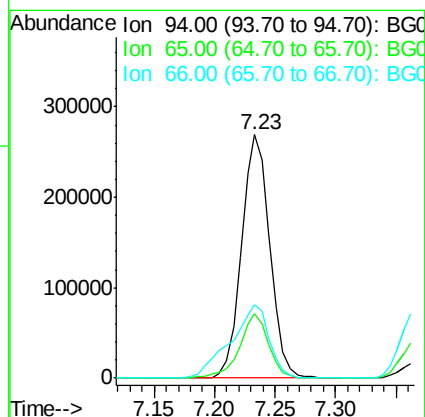
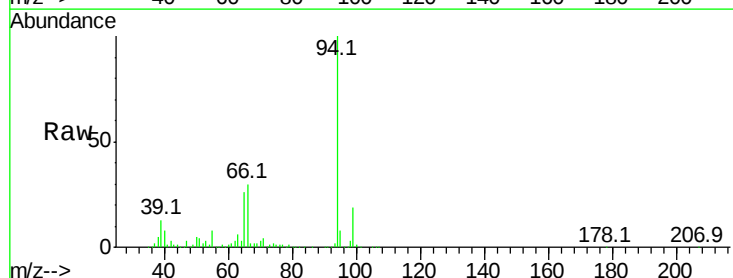
Tgt Ion: 94 Resp: 438277

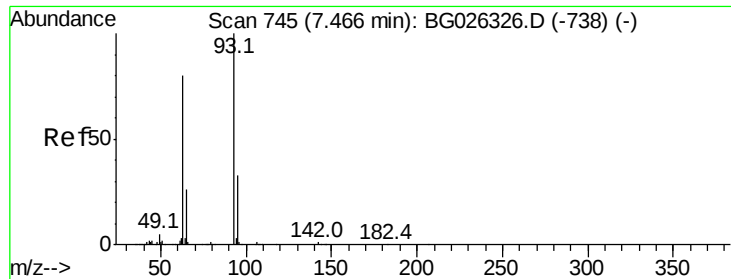
Ion Ratio Lower Upper

94 100

65 26.3 20.6 60.6

66 30.3 35.5 75.5#





#11

bis(2-Chloroethyl)ether

Concen: 34.54 ng

RT: 7.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BG026379.D

Acq: 22 Mar 2017 17:21

Instrument :

BNA_G

ClientSampled :

PB97738BS

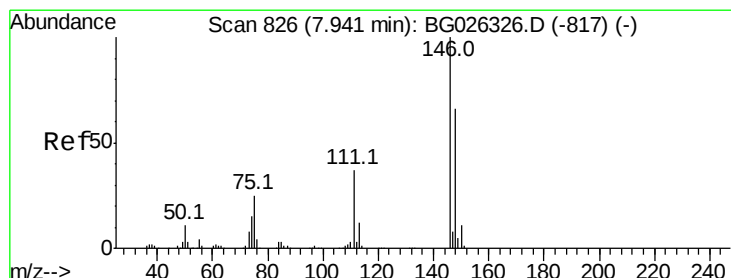
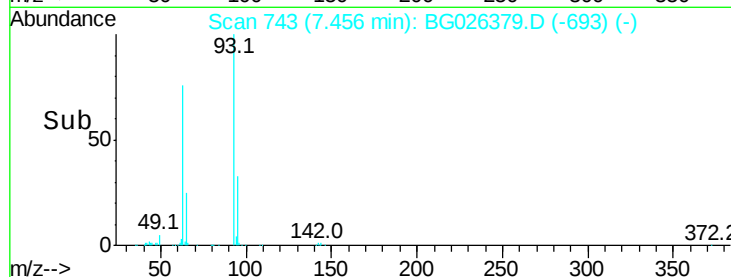
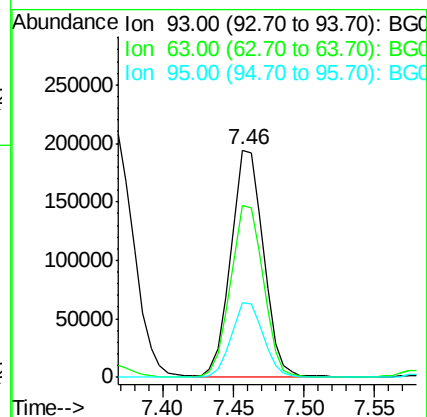
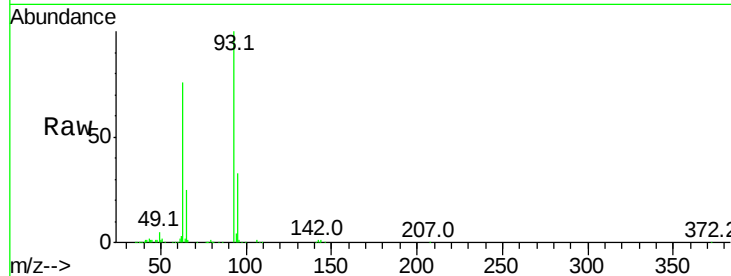
Tot Ion: 93 Resp: 310561

Ion Ratio Lower Upper

93 100

63 75.7 78.5 118.5#

95 32.6 9.8 49.8



#12

1,3-Dichlorobenzene

Concen: 36.10 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BG026379.D

Acq: 22 Mar 2017 17:21

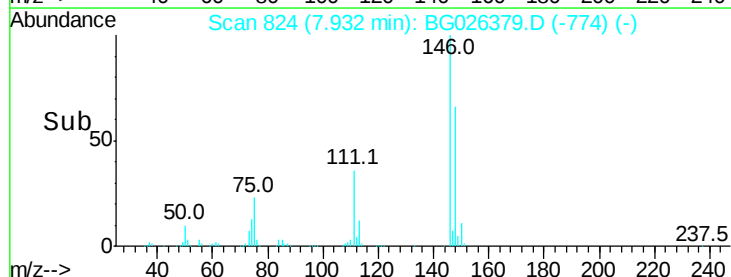
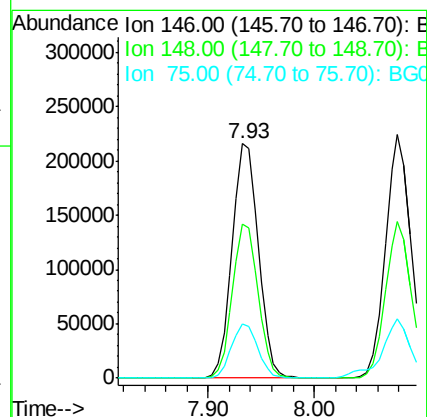
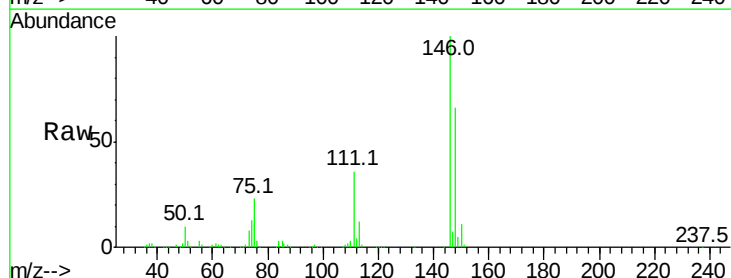
Tgt Ion: 146 Resp: 370396

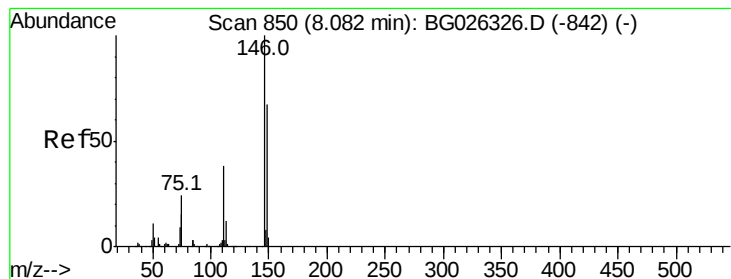
Ion Ratio Lower Upper

146 100

148 65.7 49.2 73.8

75 23.3 33.4 50.2#





#13

1,4-Dichlorobenzene

Concen: 36.34 ng

RT: 8.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BG026379.D

Acq: 22 Mar 2017 17:21

Instrument :

BNA_G

ClientSampleId :

PB97738BS

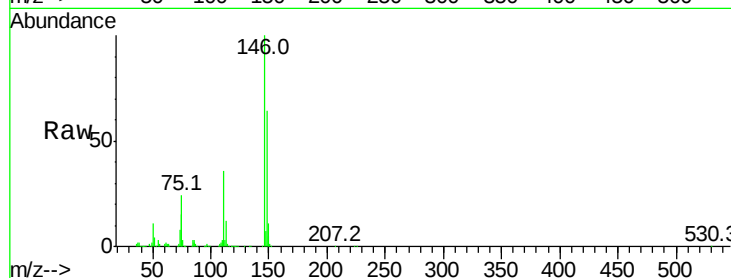
Tot Ion:146 Resp: 377167

Ion Ratio Lower Upper

146 100

148 64.5 52.2 78.2

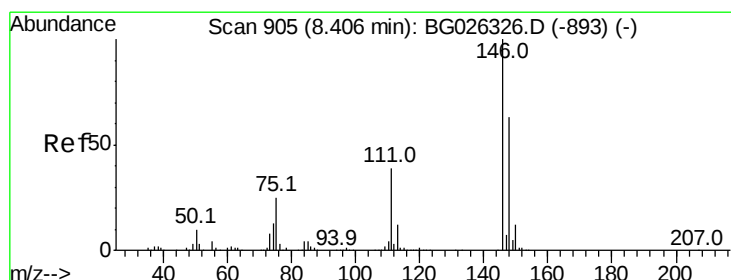
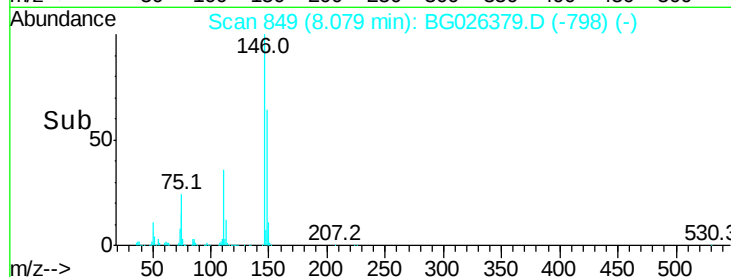
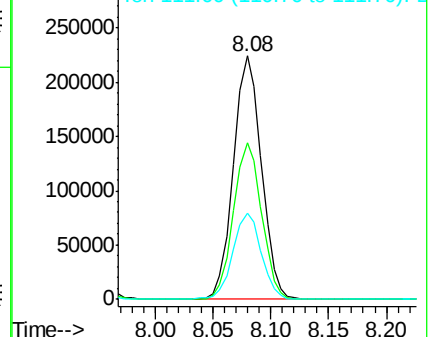
111 35.6 37.0 55.6#



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: 36.37 ng

RT: 8.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG026379.D

Acq: 22 Mar 2017 17:21

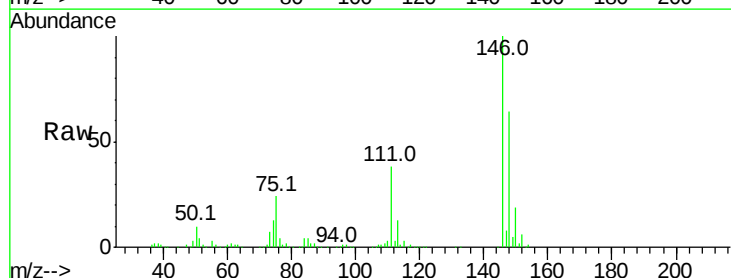
Tgt Ion:146 Resp: 361231

Ion Ratio Lower Upper

146 100

148 63.9 54.6 81.8

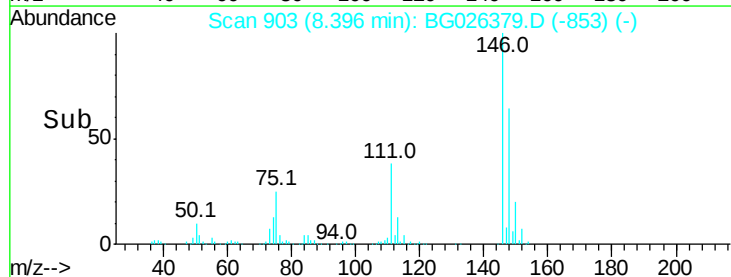
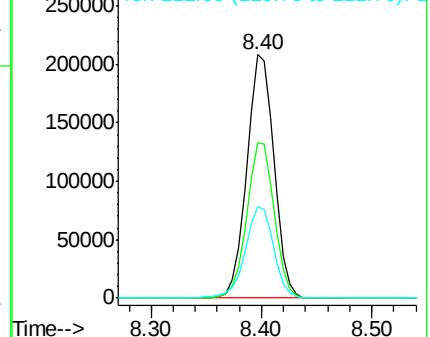
111 37.5 39.7 59.5#

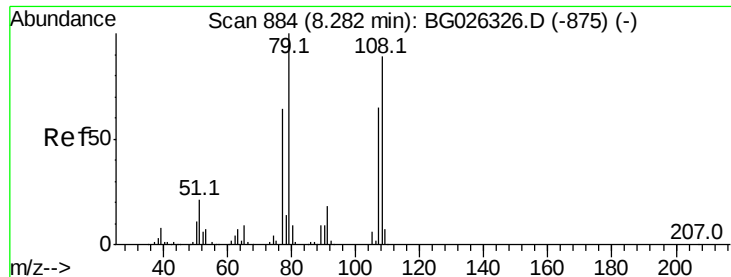


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.00 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG026379.D

Acq: 22 Mar 2017 17:21

Instrument :

BNA_G

ClientSampleId :

PB97738BS

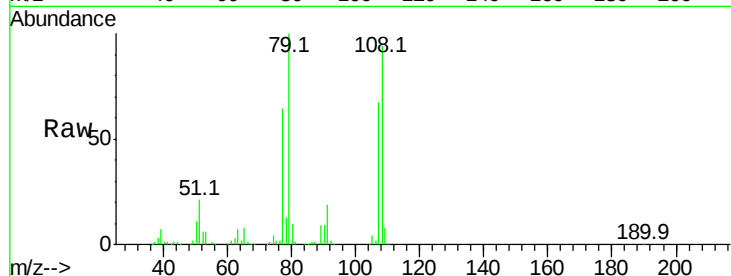
Tot Ion: 79 Resp: 262751

Ion Ratio Lower Upper

79 100

108 93.6 45.5 68.3#

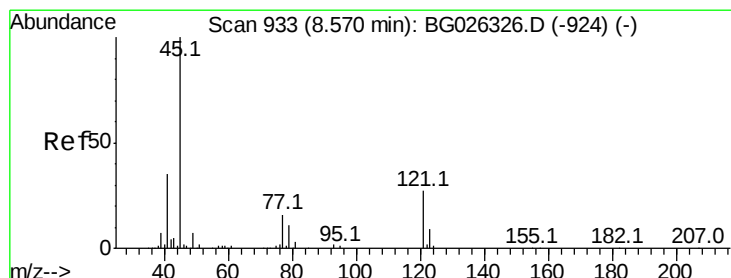
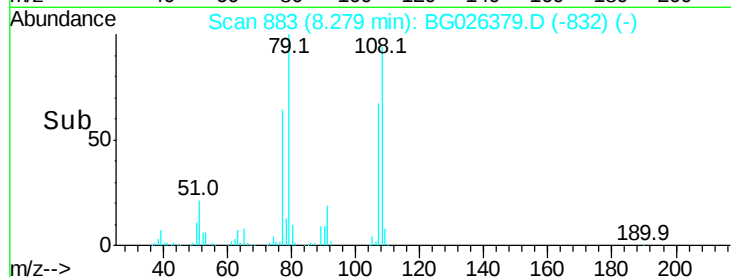
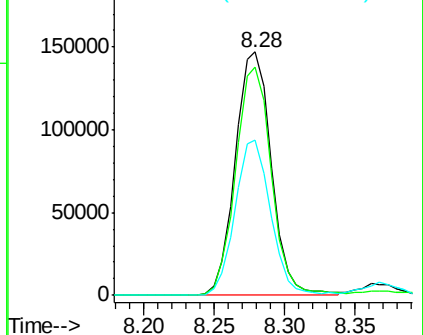
77 63.9 54.3 81.5



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 30.99 ng

RT: 8.57 min Scan# 933

Delta R.T. 0.00 min

Lab File: BG026379.D

Acq: 22 Mar 2017 17:21

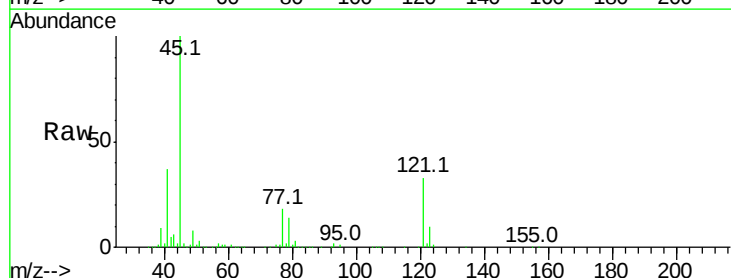
Tgt Ion: 45 Resp: 309469

Ion Ratio Lower Upper

45 100

77 18.3 0.0 30.6

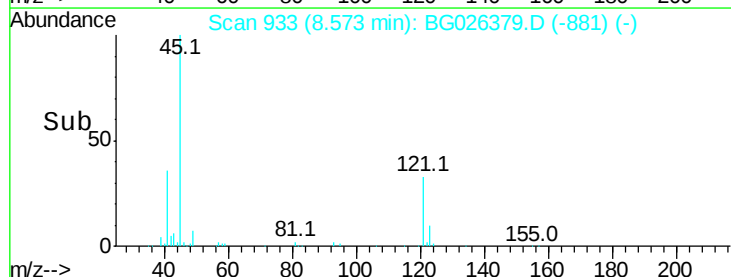
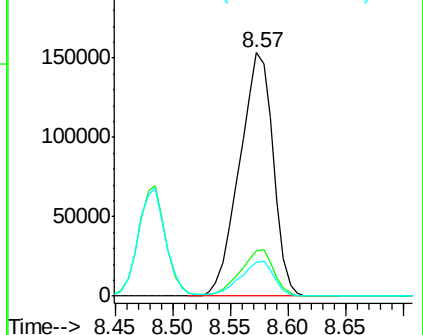
79 13.8 0.0 28.5

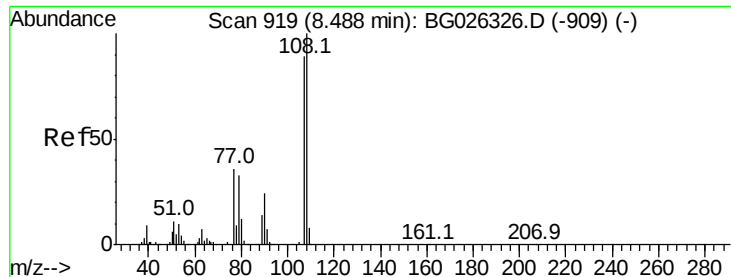


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 39.70 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG026379.D

Acq: 22 Mar 2017 17:21

Instrument :

BNA_G

ClientSampleId :

PB97738BS

Tot Ion:107 Resp: 309171

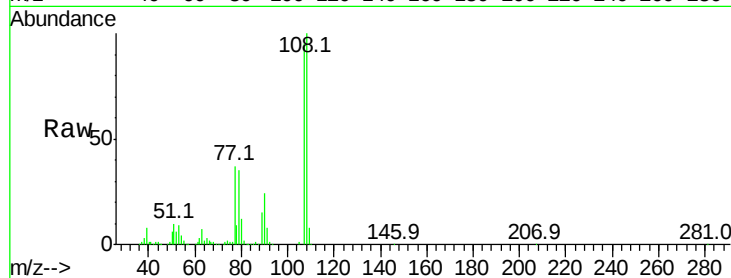
Ion Ratio Lower Upper

107 100

108 105.5 85.6 128.4

77 38.5 51.4 77.2#

79 37.3 49.2 73.8#

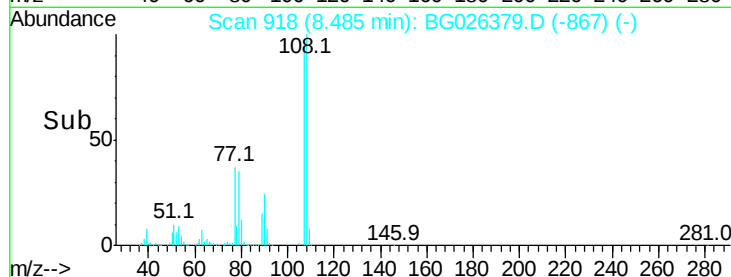


Abundance Ion 107.00 (106.70 to 107.70): E

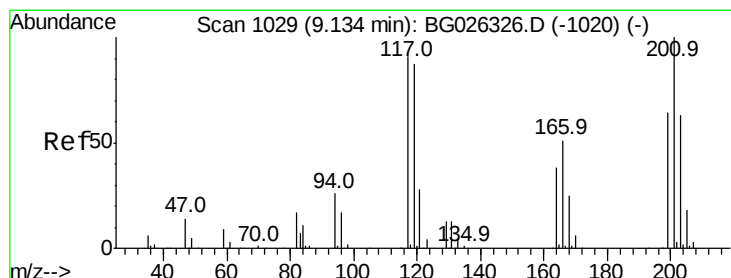
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 35.76 ng

RT: 9.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BG026379.D

Acq: 22 Mar 2017 17:21

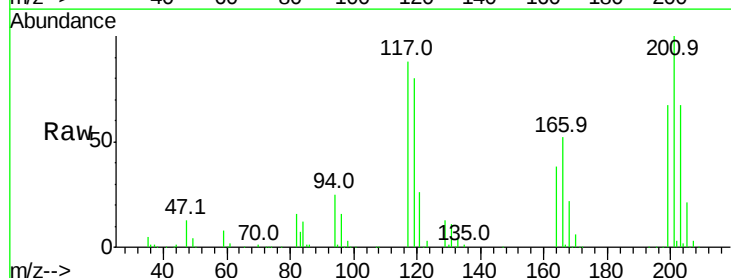
Tgt Ion:117 Resp: 121350

Ion Ratio Lower Upper

117 100

119 91.0 69.8 104.6

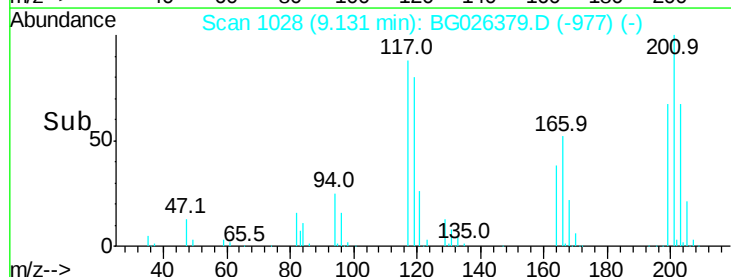
201 114.1 95.4 143.0



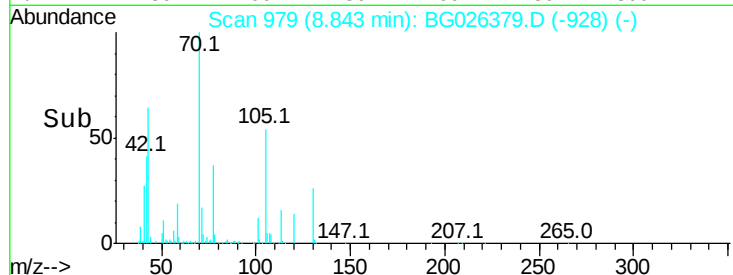
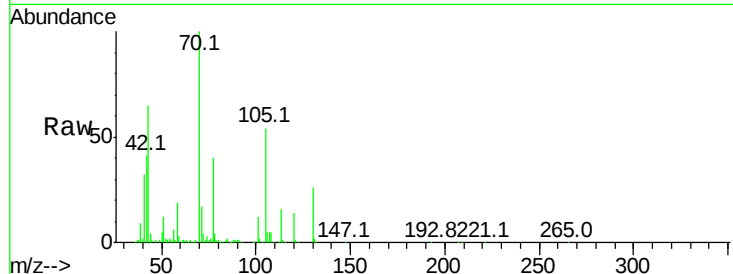
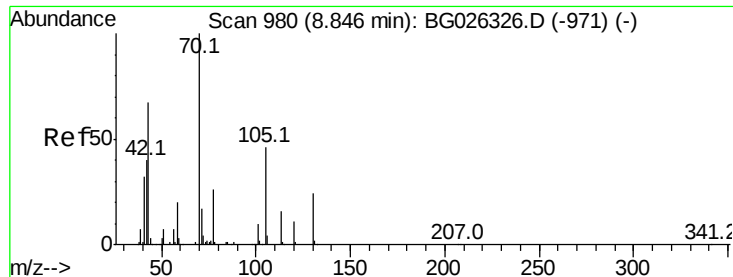
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



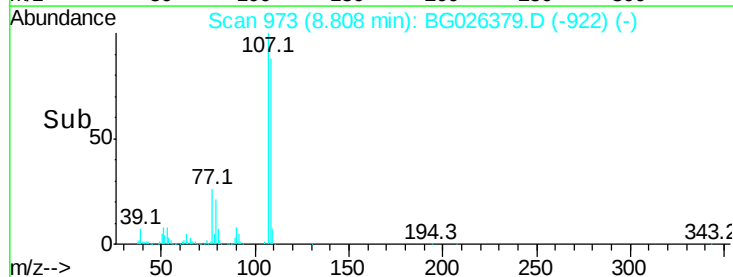
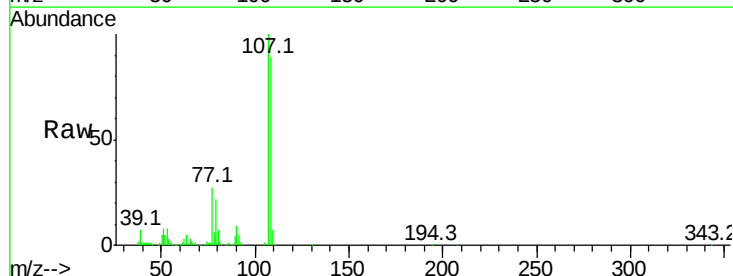
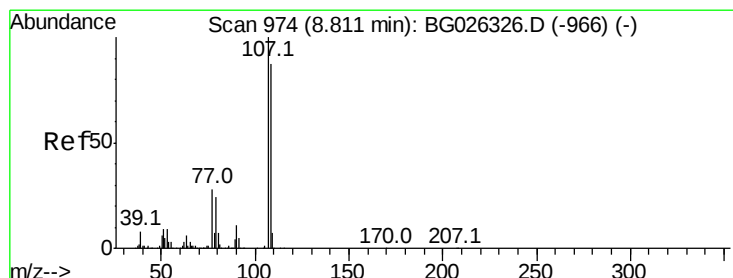
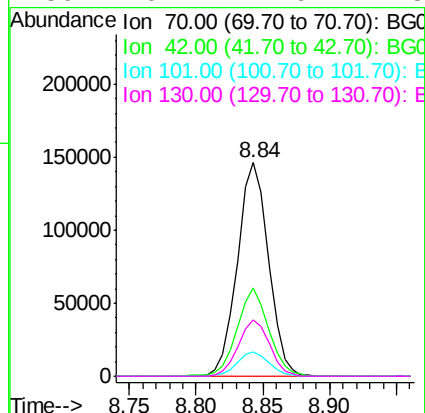
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 35.81 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG026379.D
Acq: 22 Mar 2017 17:21

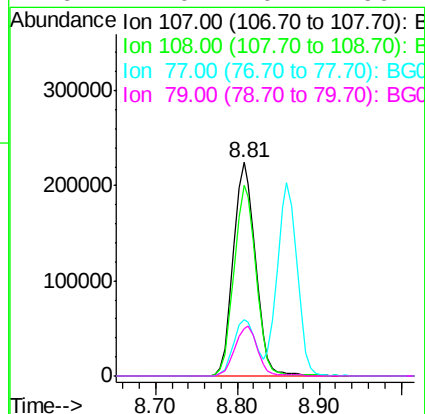
Instrument :
BNA_G
ClientSampleId :
PB97738BS

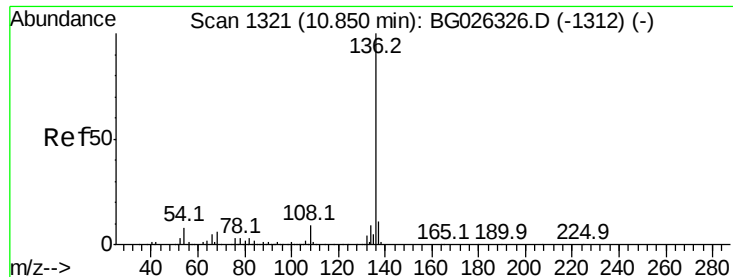
Tot Ion	Ratio	Lower	Upper
70	100		
42	41.3	56.1	84.1#
101	11.5	7.5	11.3#
130	26.2	14.6	21.8#



#20
3+4-Methylphenols
Concen: 39.80 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG026379.D
Acq: 22 Mar 2017 17:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.0	70.8	110.8
77	26.6	25.8	65.8
79	22.0	20.1	60.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG026379.D

Acq: 22 Mar 2017 17:21

Instrument :

BNA_G

ClientSampleId :

PB97738BS

Tot Ion:136 Resp: 591225

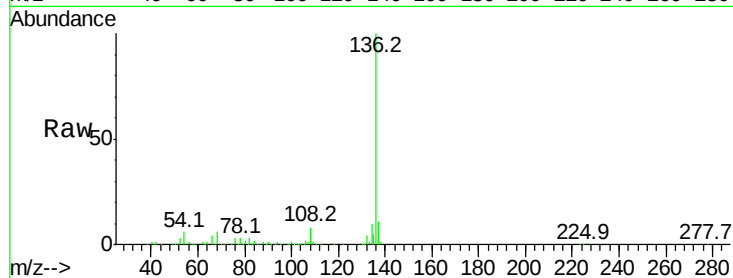
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 6.4 9.3 13.9#

68 5.7 5.1 7.7

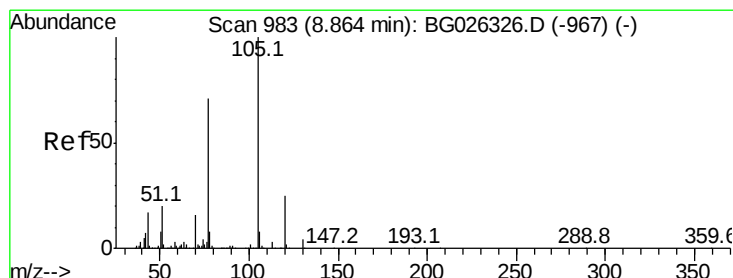
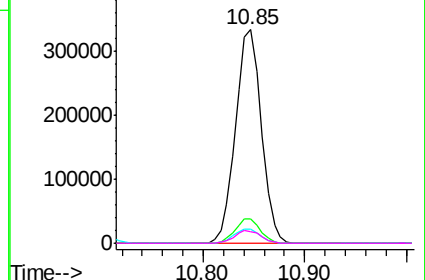
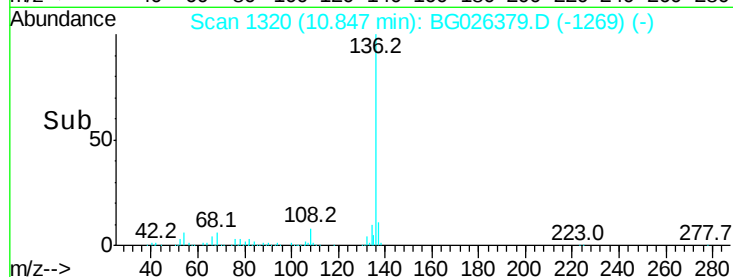


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.31 ng

RT: 8.86 min Scan# 982

Delta R.T. -0.00 min

Lab File: BG026379.D

Acq: 22 Mar 2017 17:21

Tgt Ion:105 Resp: 493605

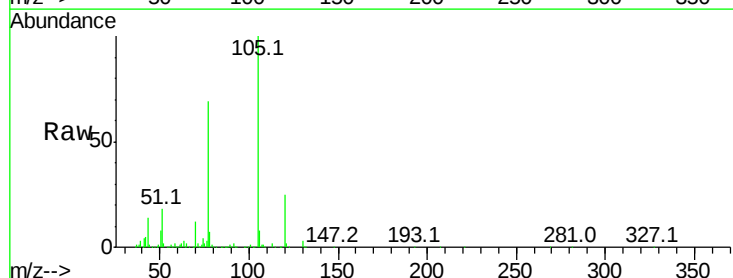
Ion Ratio Lower Upper

105 100

71 2.0 0.9 1.3#

51 18.4 34.0 51.0#

120 24.7 17.3 25.9

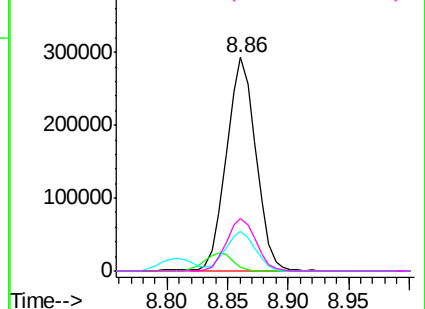
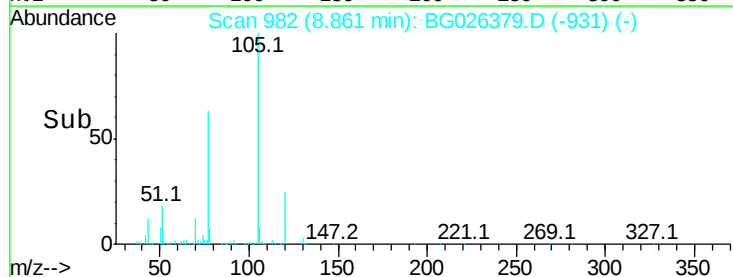


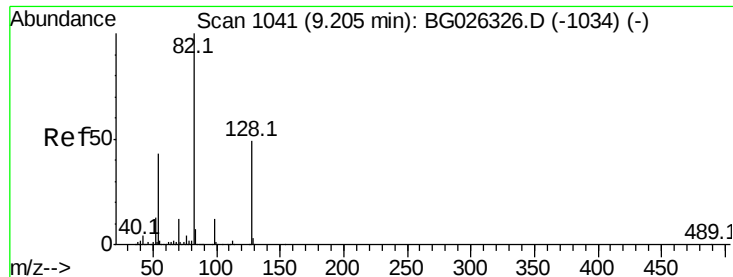
Abundance Ion 105.00 (104.70 to 105.70): E

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

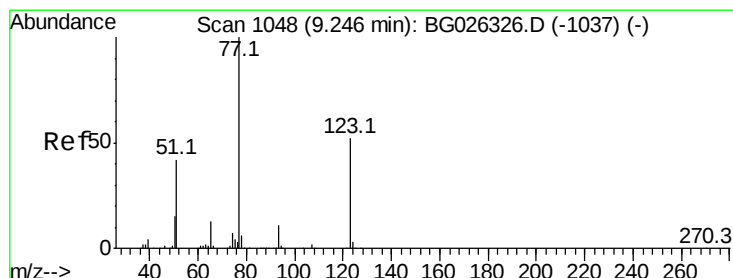
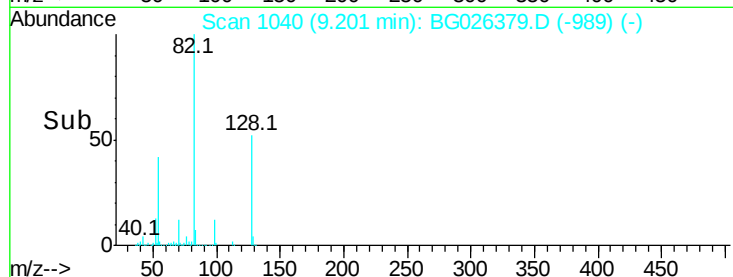
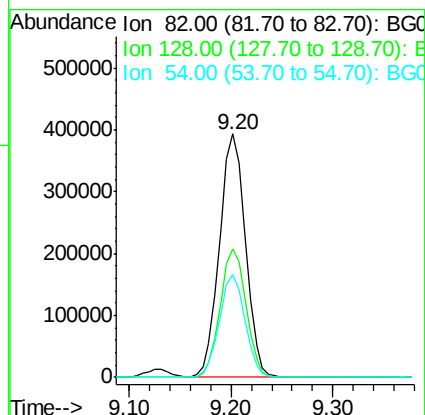
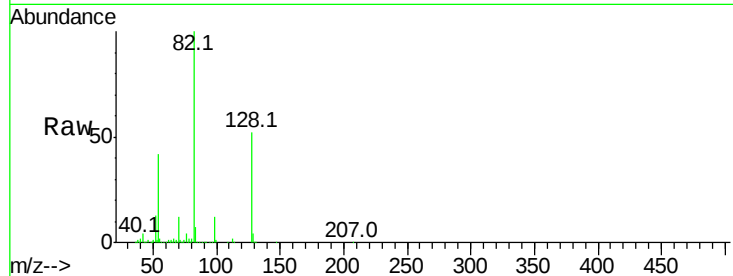




#23
 Nitrobenzene-d5
 Concen: 71.22 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG026379.D
 Acq: 22 Mar 2017 17:21

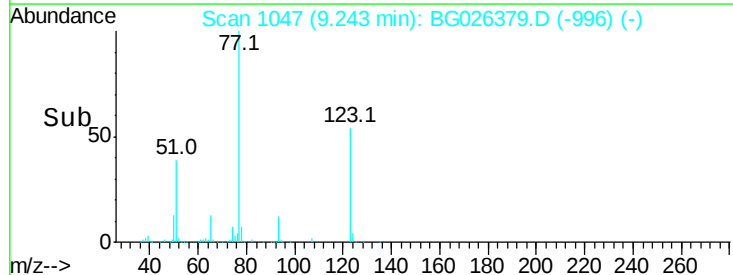
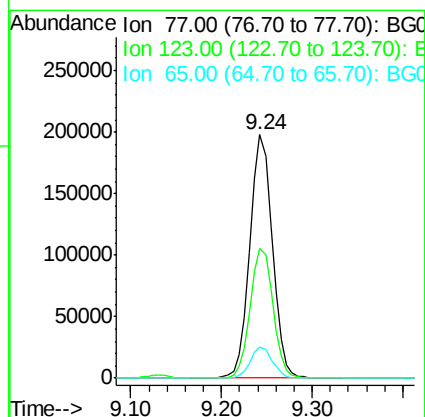
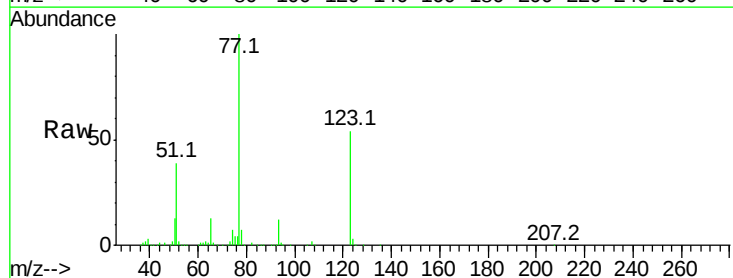
Instrument :
 BNA_G
 ClientSampleId :
 PB97738BS

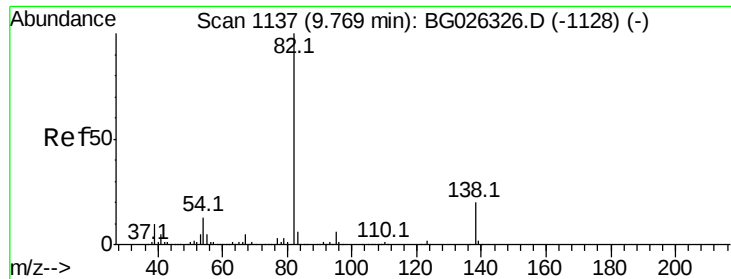
Tot Ion: 82 Resp: 700296
 Ion Ratio Lower Upper
 82 100
 128 52.5 26.4 39.6#
 54 42.2 49.4 74.2#



#24
 Nitrobenzene
 Concen: 35.26 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG026379.D
 Acq: 22 Mar 2017 17:21

Tgt Ion: 77 Resp: 342321
 Ion Ratio Lower Upper
 77 100
 123 53.5 26.1 39.1#
 65 12.9 12.4 18.6

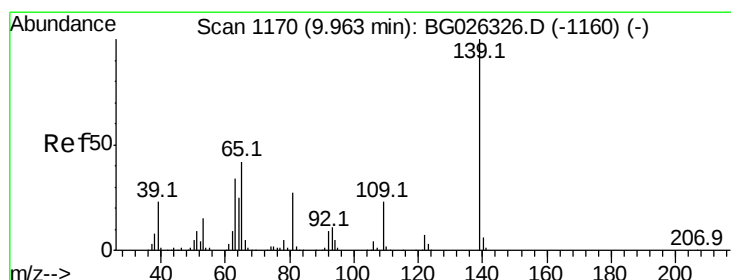
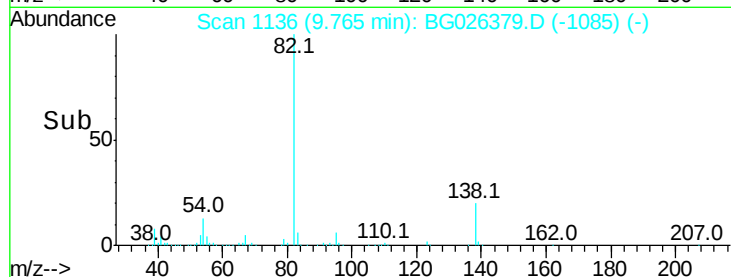
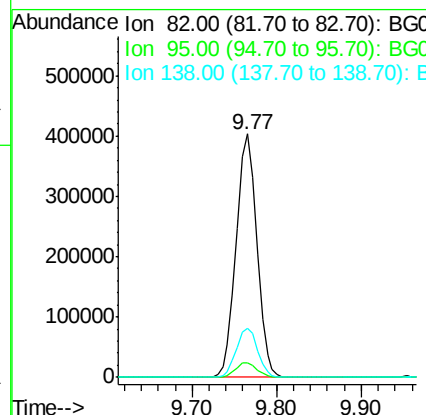
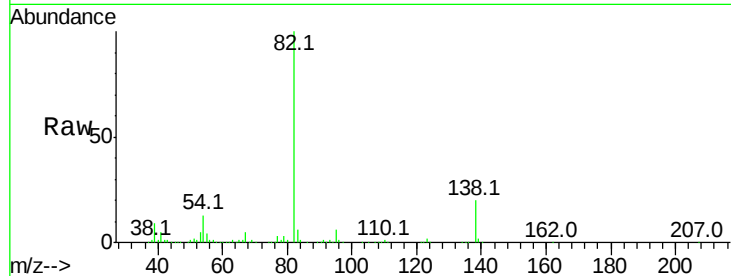




#25
Isophorone
Concen: 36.57 ng
RT: 9.77 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BG026379.D
Acq: 22 Mar 2017 17:21

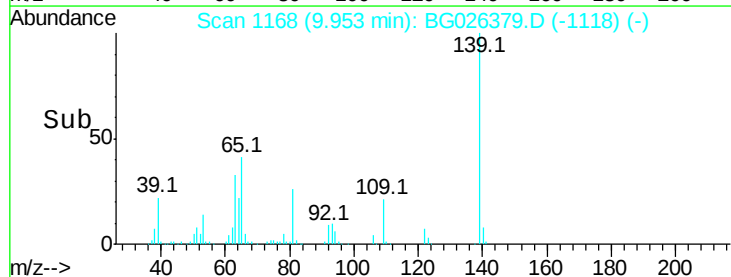
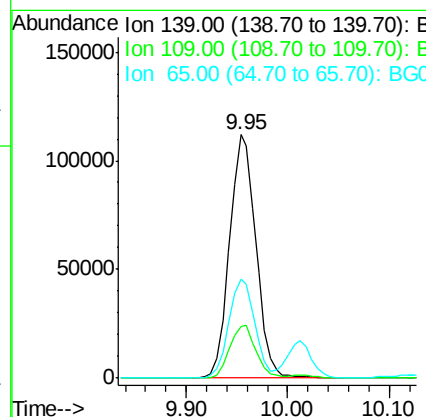
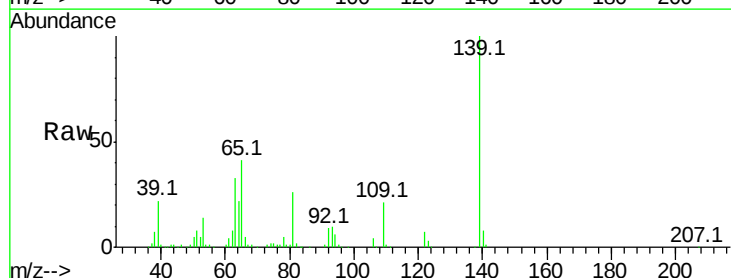
Instrument :
BNA_G
ClientSampleId :
PB97738BS

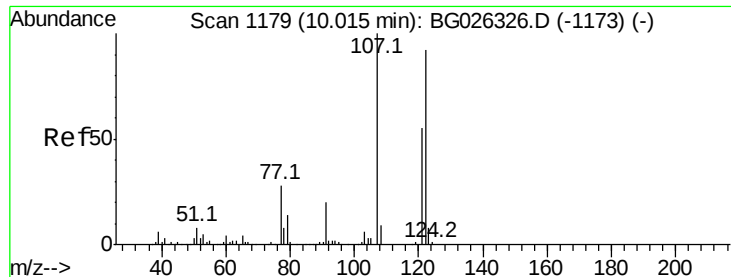
Tot Ion: 82 Resp: 677689
Ion Ratio Lower Upper
82 100
95 6.0 7.5 11.3#
138 20.4 12.3 18.5#



#26
2-Nitrophenol
Concen: 39.91 ng
RT: 9.95 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BG026379.D
Acq: 22 Mar 2017 17:21

Tgt Ion: 139 Resp: 201590
Ion Ratio Lower Upper
139 100
109 21.3 38.6 58.0#
65 40.5 57.1 85.7#





#27

2,4-Dimethylphenol

Concen: 41.56 ng

RT: 10.01 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BG026379.D

Acq: 22 Mar 2017 17:21

Instrument :

BNA_G

ClientSampleId :

PB97738BS

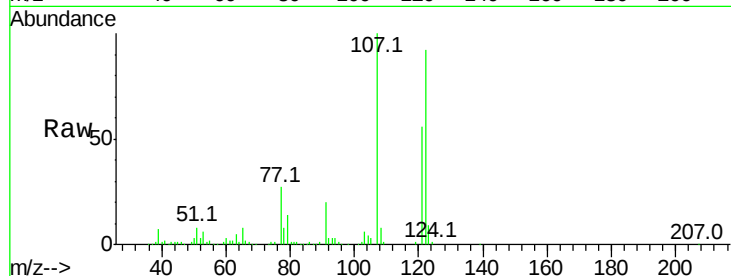
Tot Ion:122 Resp: 344644

Ion Ratio Lower Upper

122 100

107 108.4 104.2 156.4

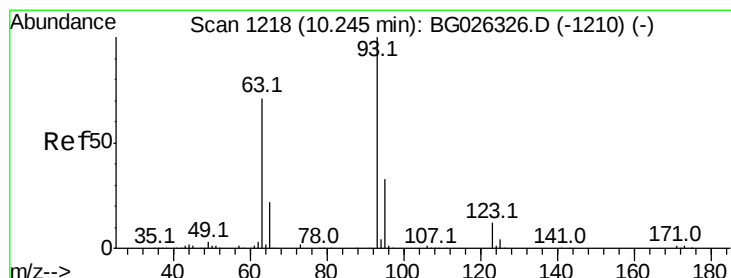
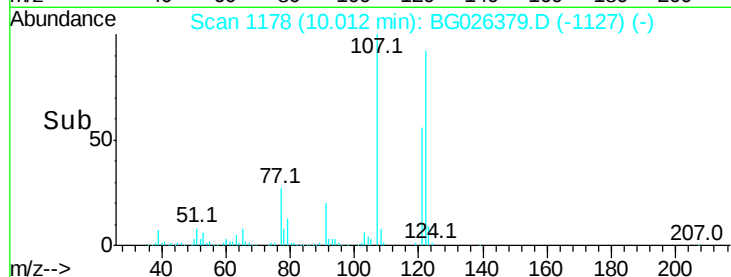
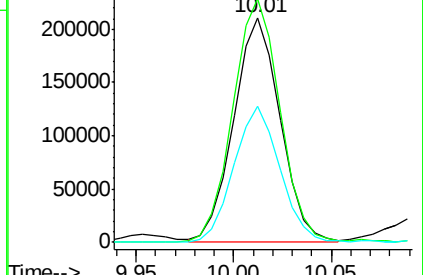
121 60.7 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.41 ng

RT: 10.24 min Scan# 1217

Delta R.T. -0.00 min

Lab File: BG026379.D

Acq: 22 Mar 2017 17:21

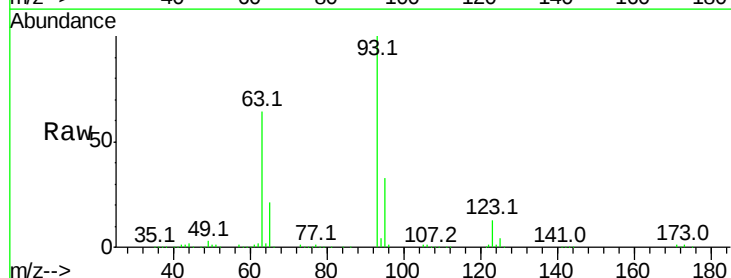
Tgt Ion: 93 Resp: 438322

Ion Ratio Lower Upper

93 100

95 33.0 25.7 38.5

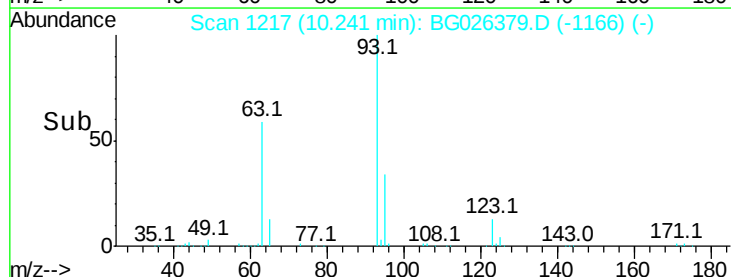
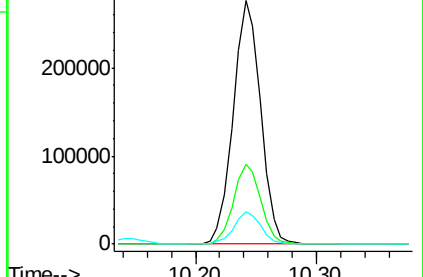
123 13.2 8.3 12.5#

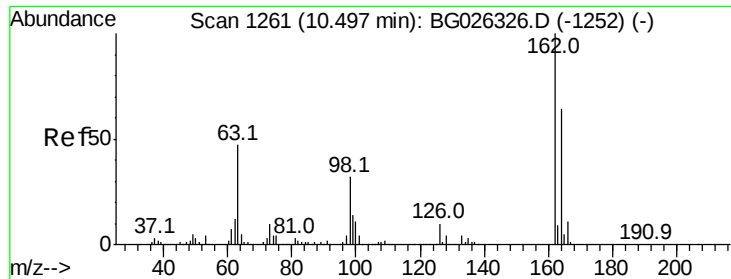


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

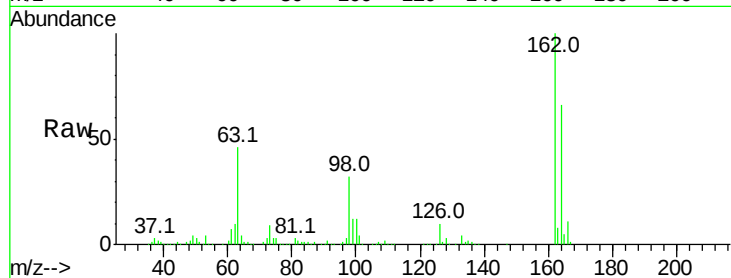




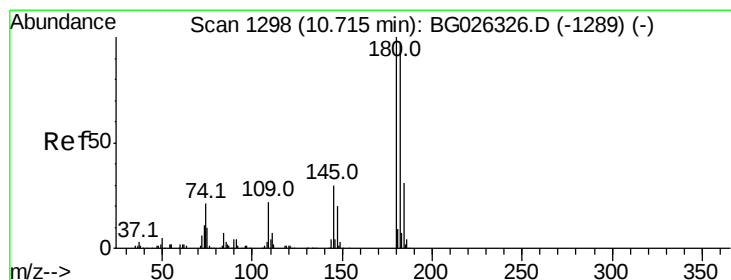
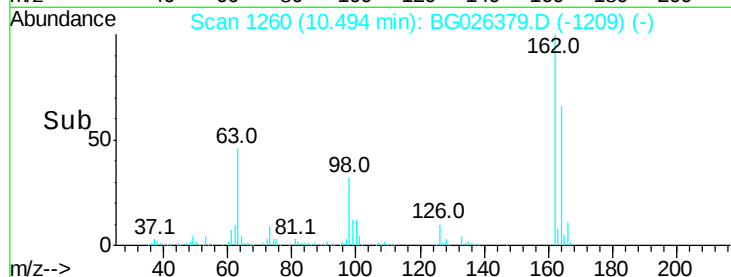
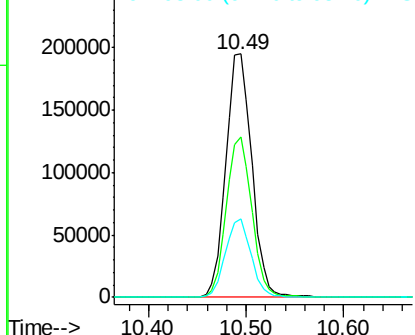
#29
2,4-Dichlorophenol
Concen: 43.01 ng
RT: 10.49 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BG026379.D
Acq: 22 Mar 2017 17:21

Instrument :
BNA_G
ClientSampleId :
PB97738BS

Tot Ion:162 Resp: 360718
Ion Ratio Lower Upper
162 100
164 65.6 42.4 82.4
98 32.3 20.3 60.3

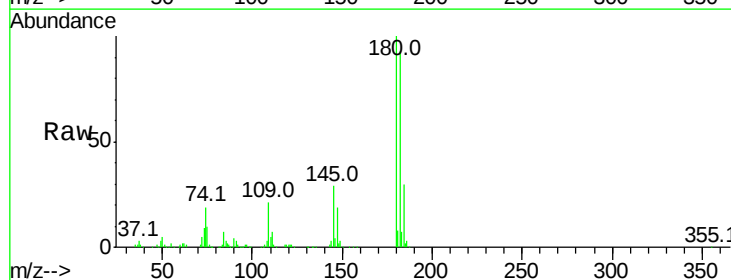


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

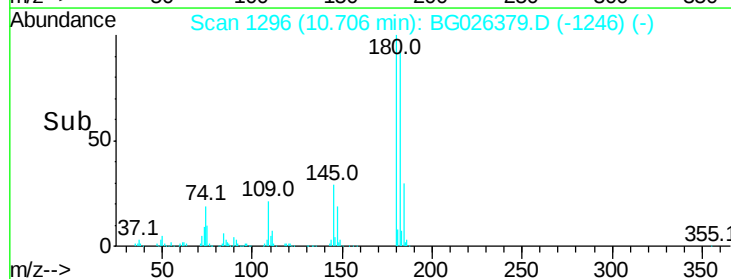
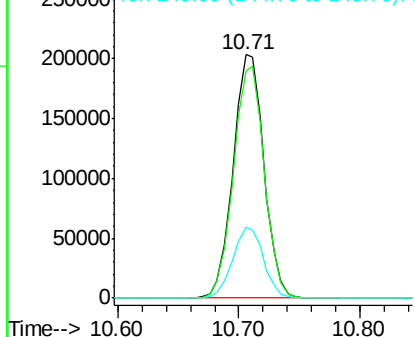


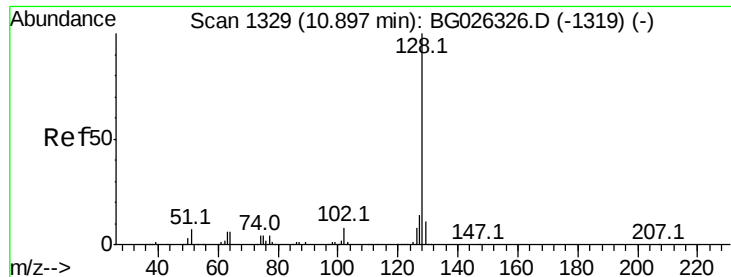
#30
1,2,4-Trichlorobenzene
Concen: 38.30 ng
RT: 10.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG026379.D
Acq: 22 Mar 2017 17:21

Tgt Ion:180 Resp: 360796
Ion Ratio Lower Upper
180 100
182 93.0 77.0 115.4
145 29.2 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

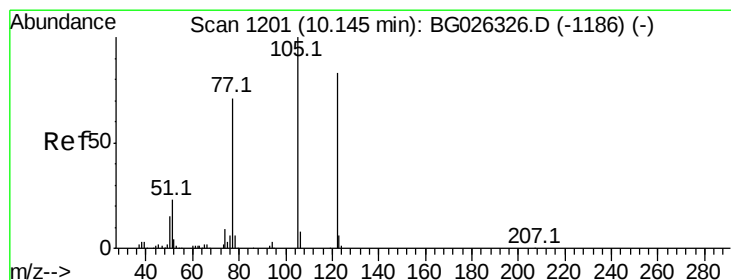
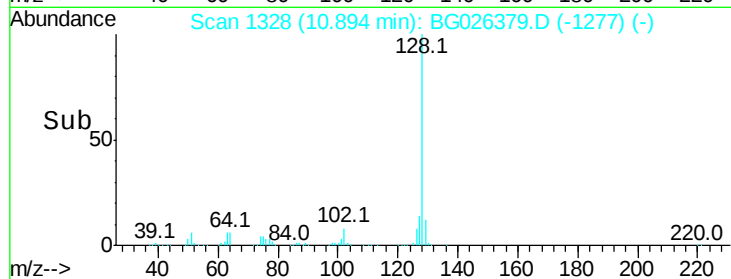
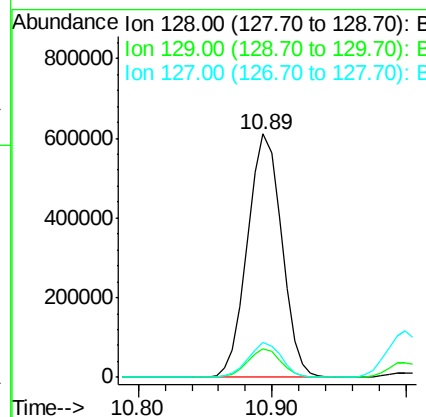
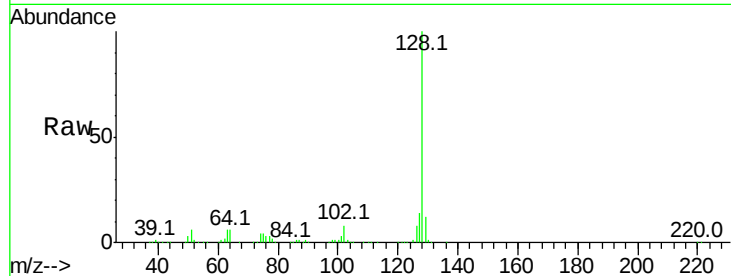




#31
Naphthalene
Concen: 36.25 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG026379.D
Acq: 22 Mar 2017 17:21

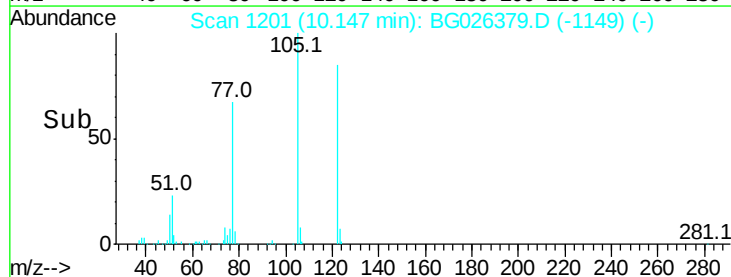
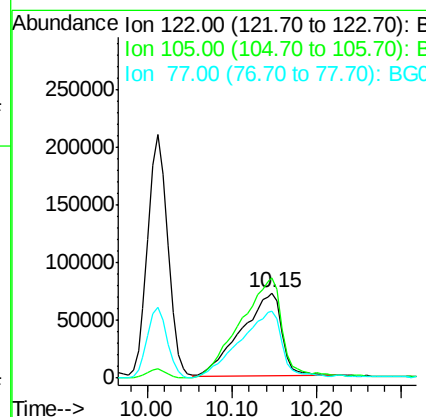
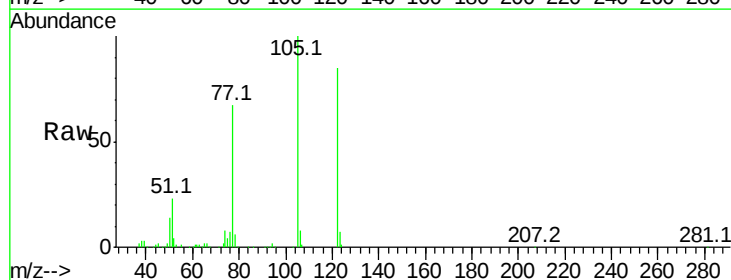
Instrument :
BNA_G
ClientSampleId :
PB97738BS

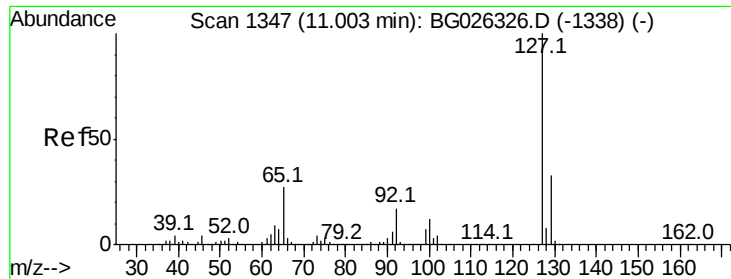
Tot Ion:128 Resp: 1083599
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 14.3 11.4 17.0



#32
Benzoic acid
Concen: 38.54 ng
RT: 10.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BG026379.D
Acq: 22 Mar 2017 17:21

Tgt Ion:122 Resp: 245917
Ion Ratio Lower Upper
122 100
105 118.2 120.1 160.1#
77 79.0 104.6 144.6#

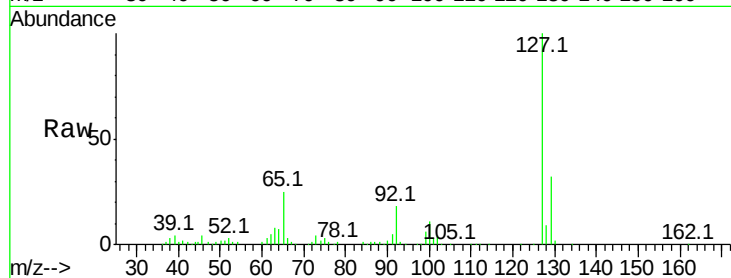




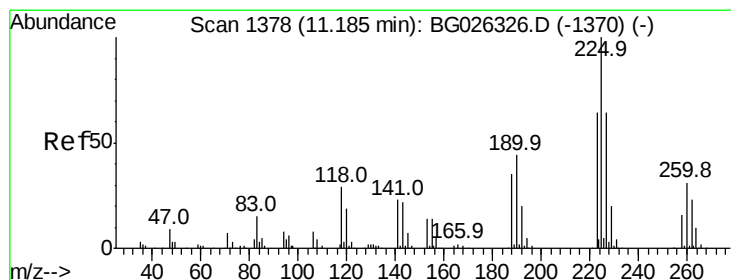
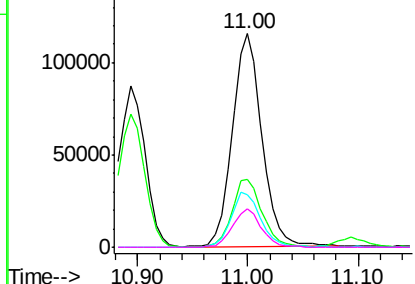
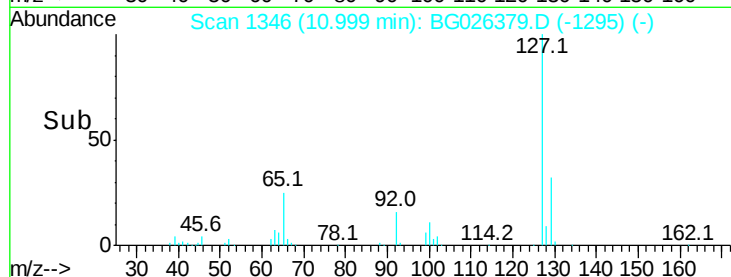
#33
4-Chloroaniline
Concen: 17.89 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG026379.D
Acq: 22 Mar 2017 17:21

Instrument :
BNA_G
ClientSampleId :
PB97738BS

Tot Ion:127 Resp: 217464
Ion Ratio Lower Upper
127 100
129 31.6 23.6 35.4
65 24.9 37.7 56.5#
92 18.1 17.6 26.4

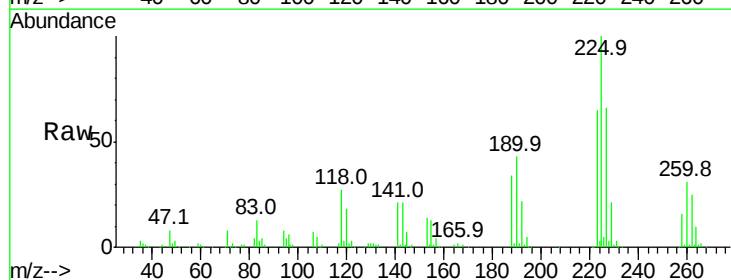


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

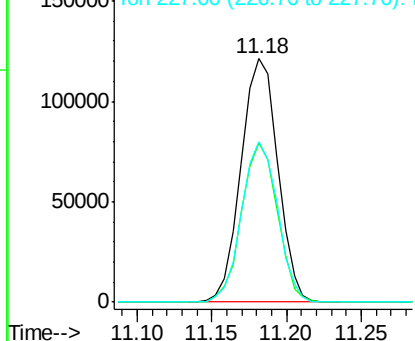
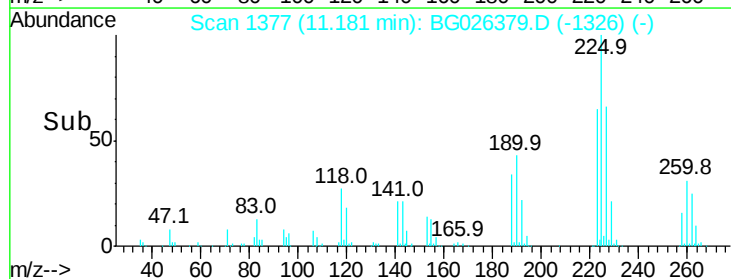


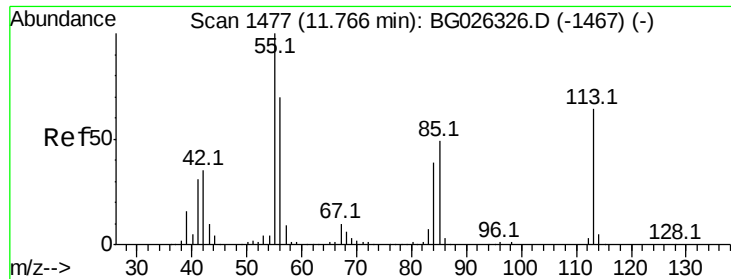
#34
Hexachlorobutadiene
Concen: 37.22 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BG026379.D
Acq: 22 Mar 2017 17:21

Tgt Ion:225 Resp: 206878
Ion Ratio Lower Upper
225 100
223 65.1 50.7 76.1
227 66.1 49.0 73.6



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

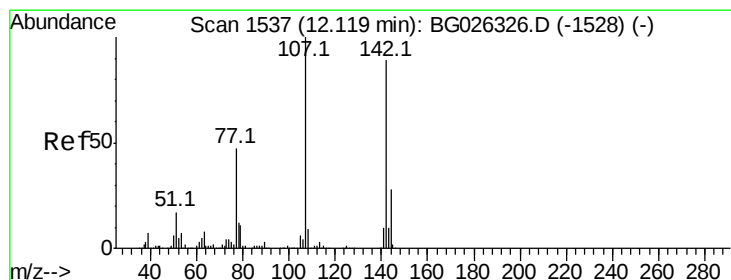
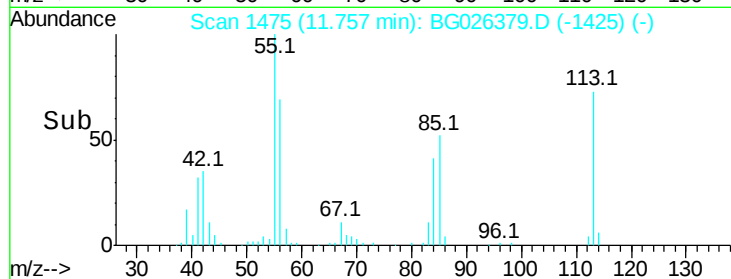
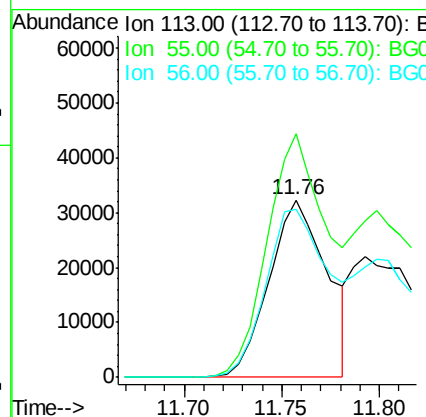
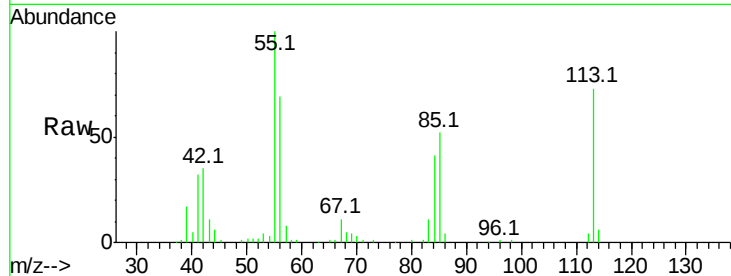




#35
Caprolactam
Concen: 20.13 ng
RT: 11.76 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BG026379.D
Acq: 22 Mar 2017 17:21

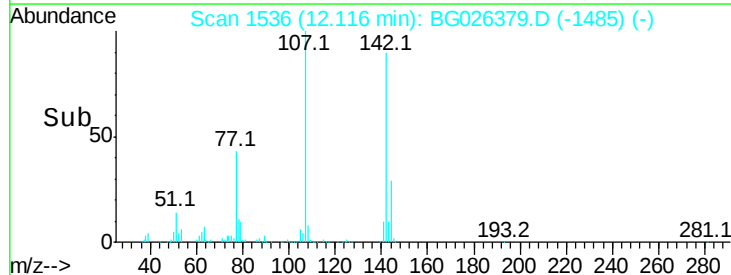
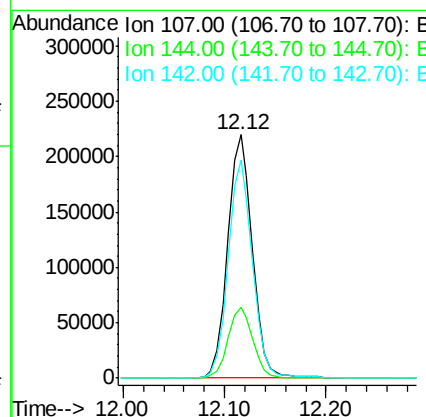
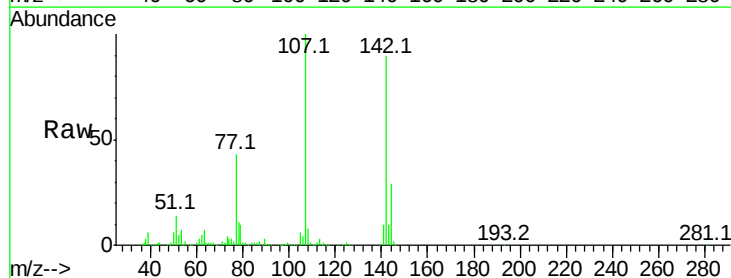
Instrument :
BNA_G
ClientSampleId :
PB97738BS

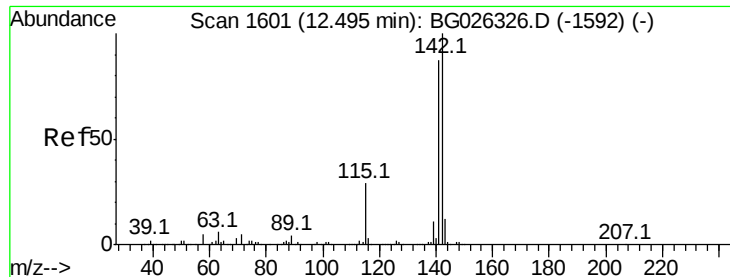
Tot Ion:113 Resp: 66501
Ion Ratio Lower Upper
113 100
55 137.5 198.6 238.6#
56 94.9 140.4 180.4#



#36
4-Chloro-3-methylphenol
Concen: 41.21 ng
RT: 12.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BG026379.D
Acq: 22 Mar 2017 17:21

Tgt Ion:107 Resp: 369715
Ion Ratio Lower Upper
107 100
144 29.2 17.4 26.0#
142 89.6 54.1 81.1#

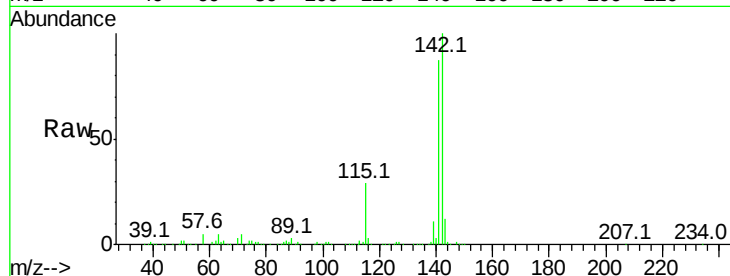




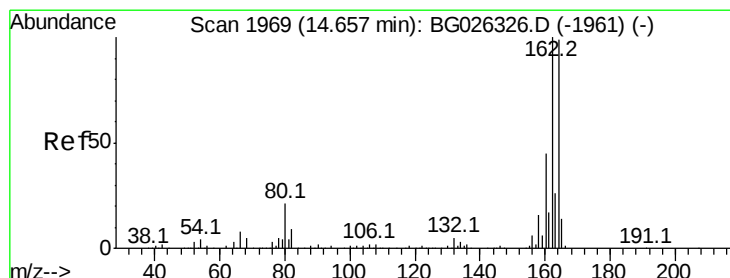
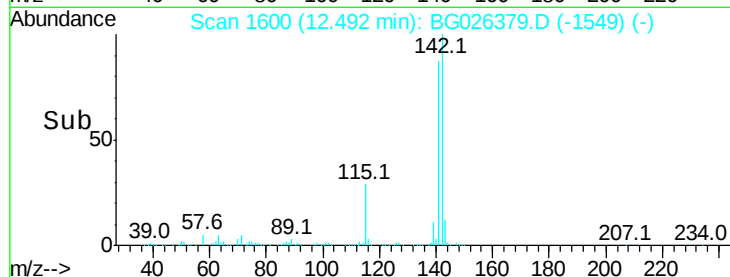
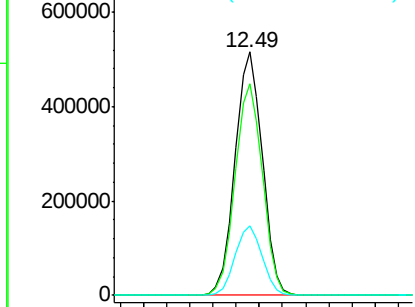
#37
 2-Methylnaphthalene
 Concen: 38.49 ng
 RT: 12.49 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BG026379.D
 Acq: 22 Mar 2017 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB97738BS

Tot Ion:142 Resp: 842684
 Ion Ratio Lower Upper
 142 100
 141 86.7 70.4 105.6
 115 28.6 35.5 53.3#

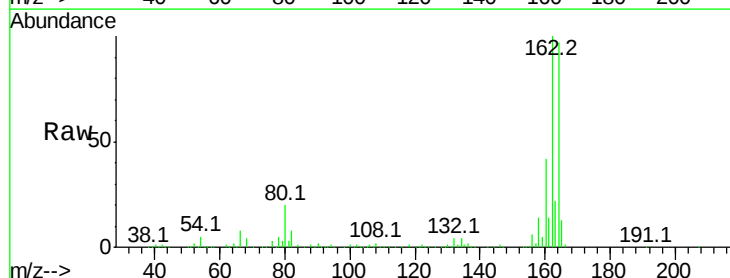


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

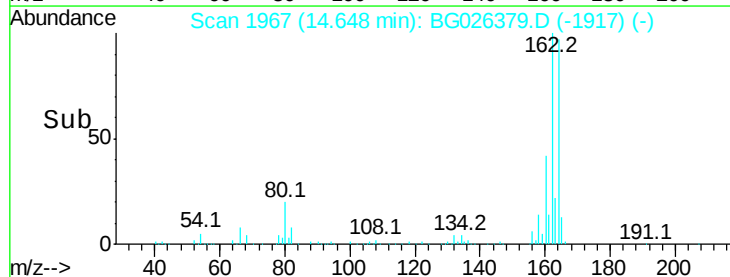
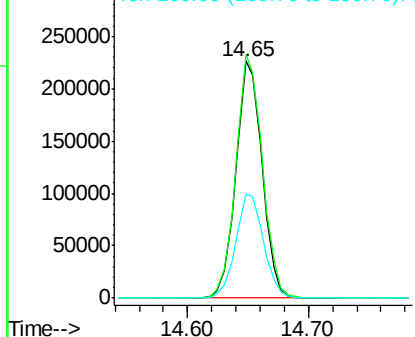


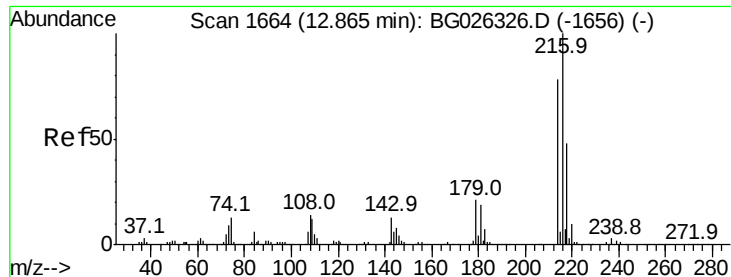
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG026379.D
 Acq: 22 Mar 2017 17:21

Tgt Ion:164 Resp: 341388
 Ion Ratio Lower Upper
 164 100
 162 102.7 85.1 127.7
 160 43.7 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: 38.45 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BG026379.D

Acq: 22 Mar 2017 17:21

Instrument :

BNA_G

ClientSampleId :

PB97738BS

Tot Ion:216 Resp: 394979

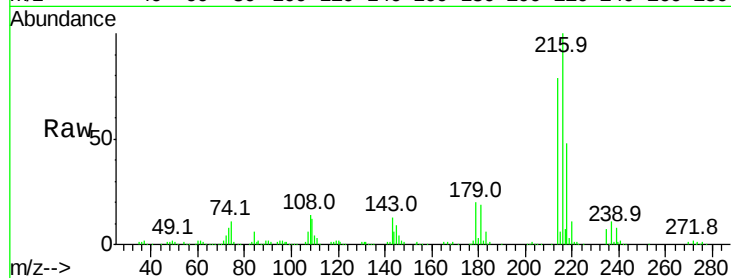
Ion Ratio Lower Upper

216 100

214 79.1 64.4 96.6

179 20.4 17.4 26.0

108 17.4 15.6 23.4

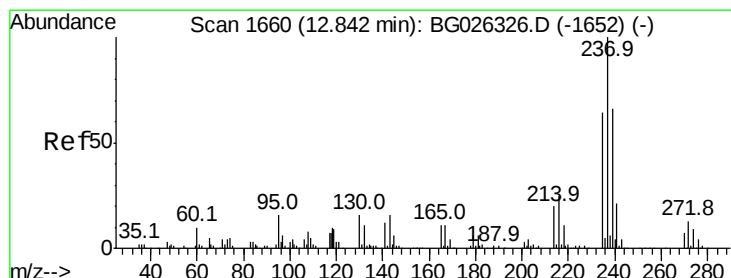
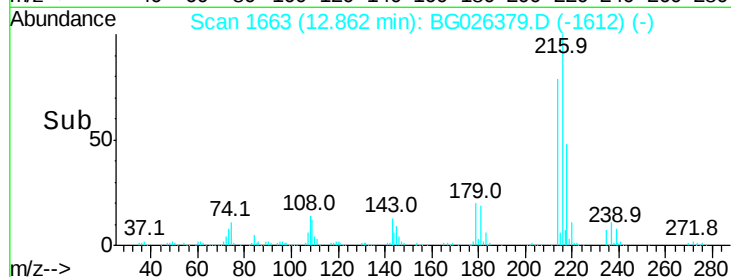
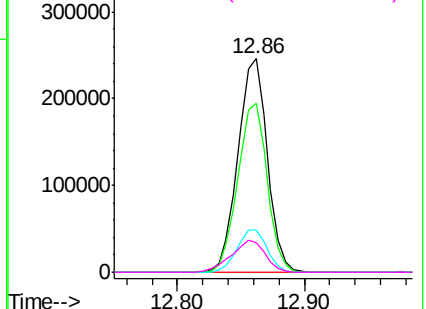


Abundance Ion 216.00 (215.70 to 216.70): E

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: 86.98 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BG026379.D

Acq: 22 Mar 2017 17:21

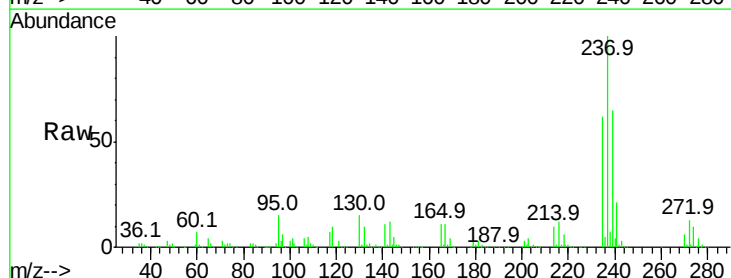
Tgt Ion:237 Resp: 470255

Ion Ratio Lower Upper

237 100

235 61.7 39.4 79.4

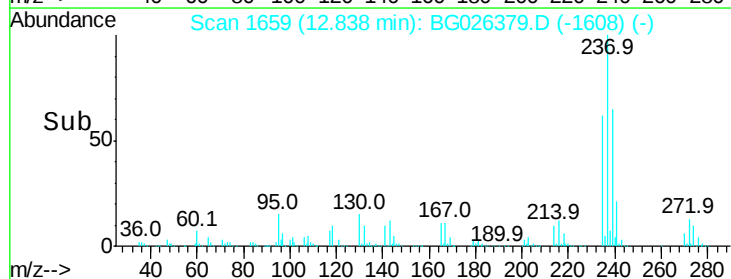
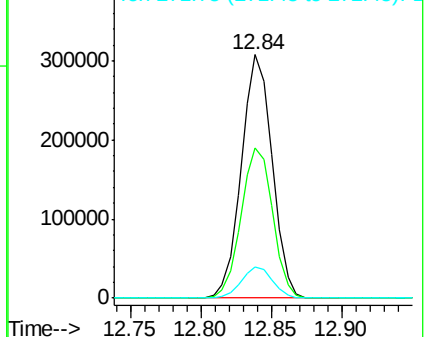
272 12.7 0.0 32.0

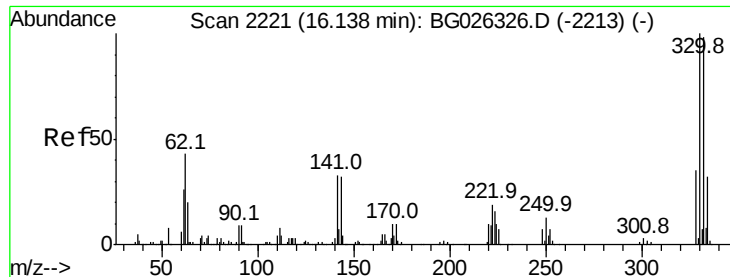


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

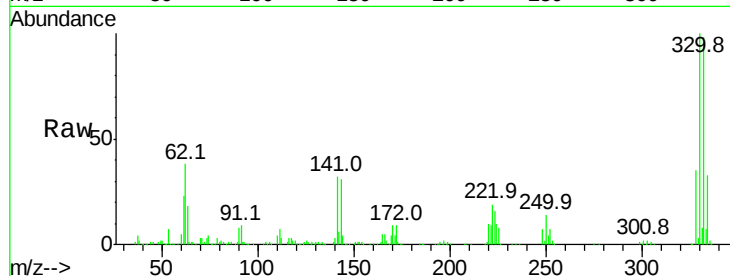




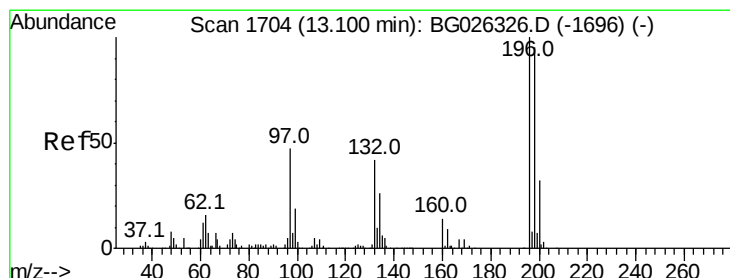
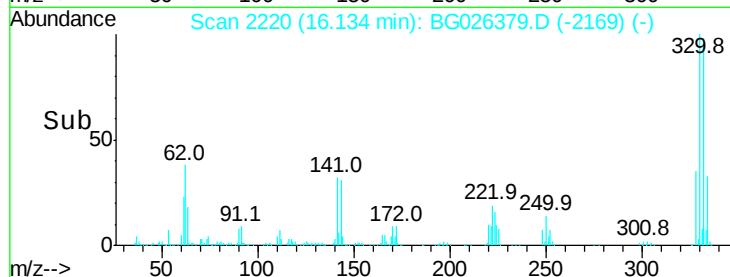
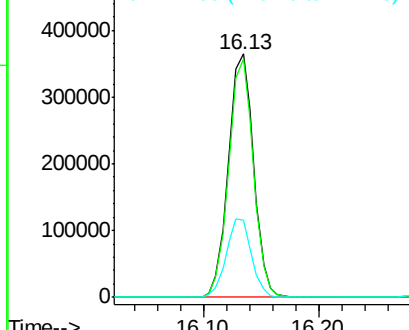
#41
 2,4,6-Tribromophenol
 Concen: 141.48 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.00 min
 Lab File: BG026379.D
 Acq: 22 Mar 2017 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB97738BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.3	115.9
141	32.2	32.1	48.1

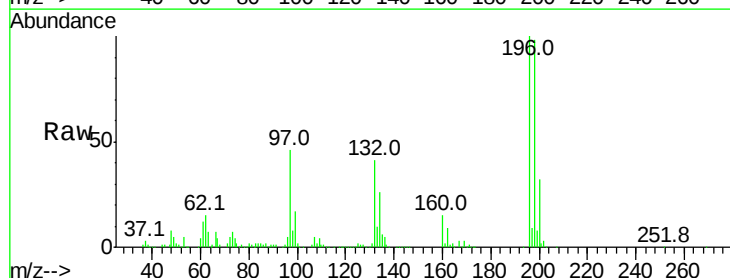


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

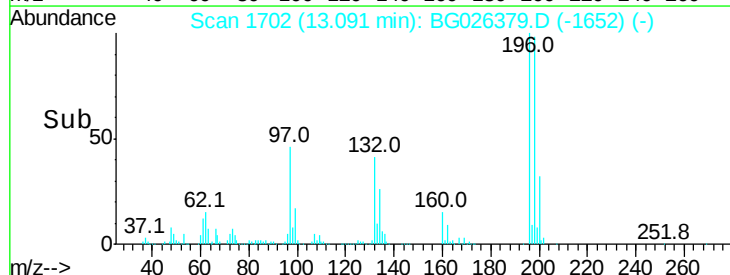
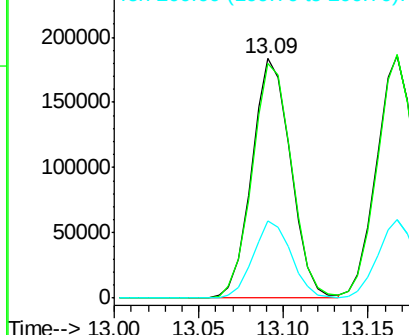


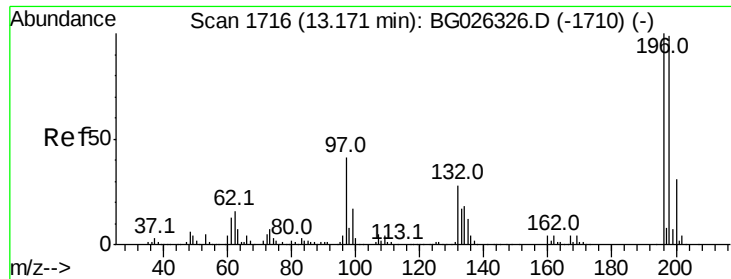
#42
 2,4,6-Trichlorophenol
 Concen: 43.73 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG026379.D
 Acq: 22 Mar 2017 17:21

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.3	81.4	122.2
200	32.1	27.0	40.6



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

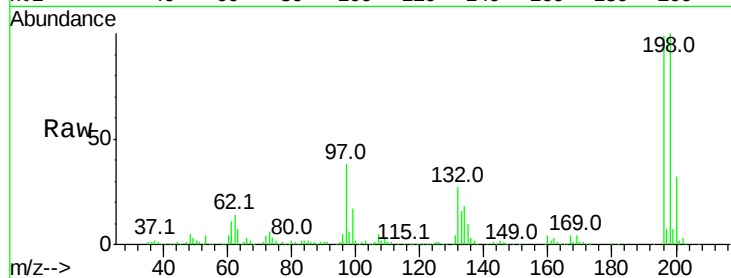




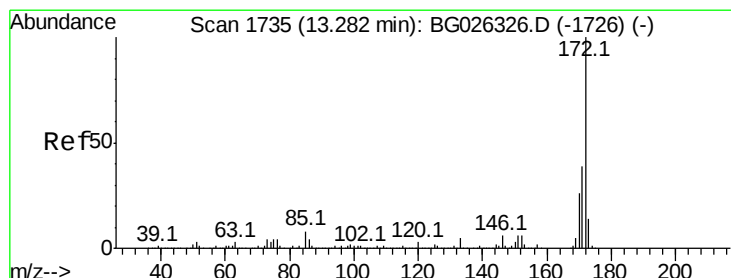
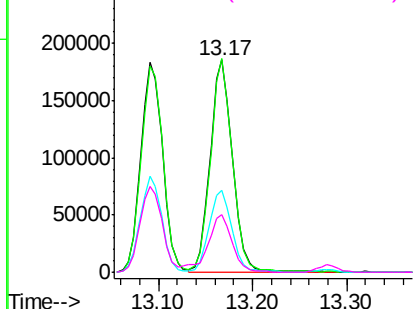
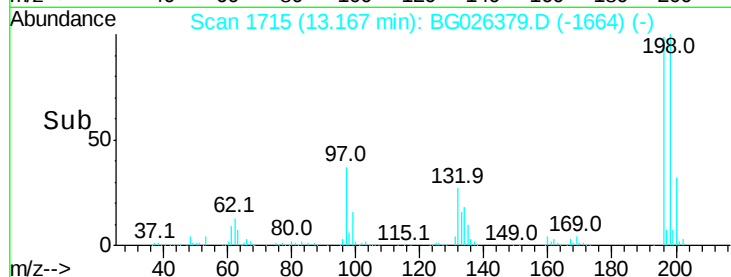
#43
 2,4,5-Trichlorophenol
 Concen: 41.36 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG026379.D
 Acq: 22 Mar 2017 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB97738BS

Tot Ion:196 Resp: 307426
 Ion Ratio Lower Upper
 196 100
 198 100.7 79.9 119.9
 97 38.6 45.4 68.0#
 132 27.4 20.7 31.1

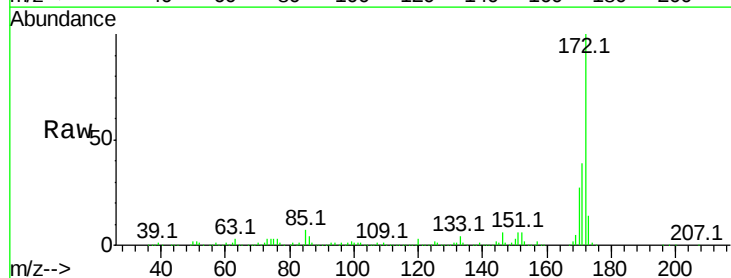


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

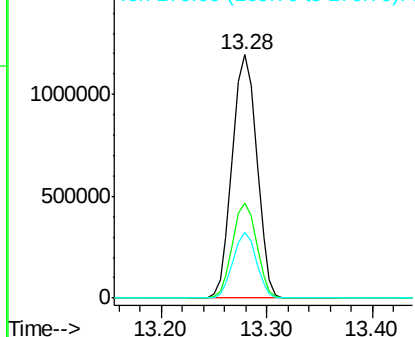
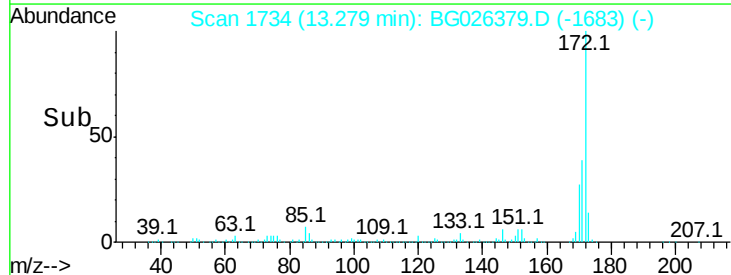


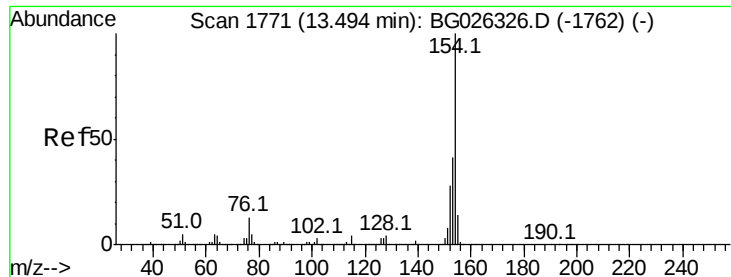
#44
 2-Fluorobiphenyl
 Concen: 78.91 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG026379.D
 Acq: 22 Mar 2017 17:21

Tgt Ion:172 Resp: 1921012
 Ion Ratio Lower Upper
 172 100
 171 39.1 32.2 48.2
 170 26.7 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: 38.40 ng

RT: 13.49 min Scan# 1770

Delta R.T. -0.00 min

Lab File: BG026379.D

Acq: 22 Mar 2017 17:21

Instrument :

BNA_G

ClientSampleId :

PB97738BS

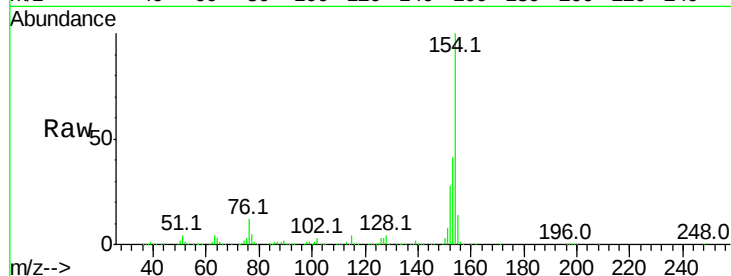
Tot Ion:154 Resp: 1085669

Ion Ratio Lower Upper

154 100

153 41.4 23.0 63.0

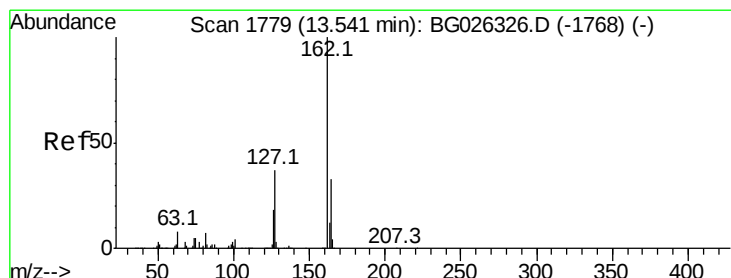
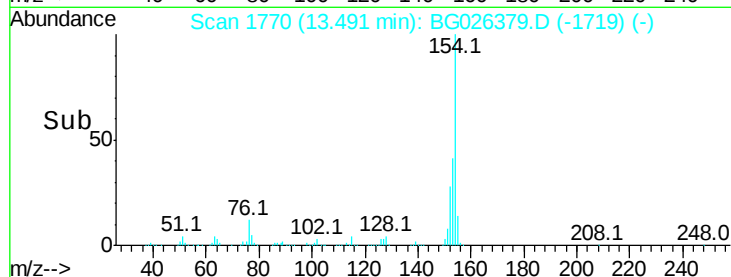
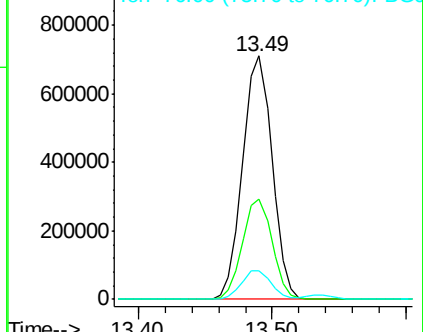
76 11.8 0.0 33.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 39.56 ng

RT: 13.53 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BG026379.D

Acq: 22 Mar 2017 17:21

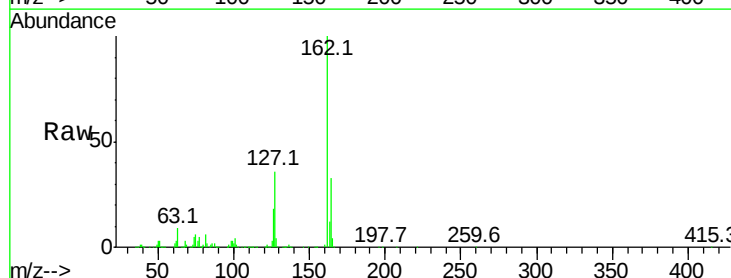
Tgt Ion:162 Resp: 816937

Ion Ratio Lower Upper

162 100

127 36.0 32.2 48.4

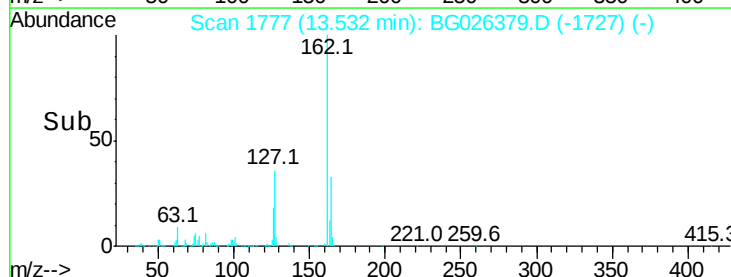
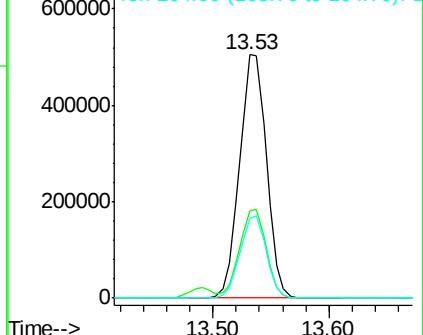
164 32.8 27.3 40.9

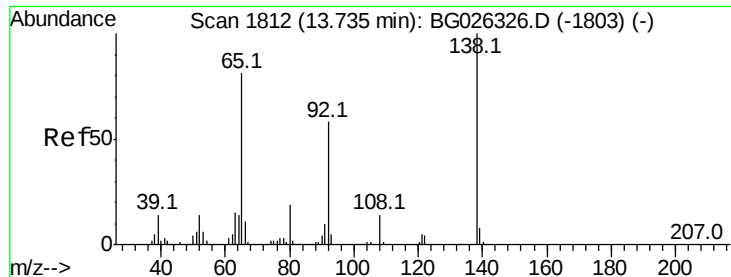


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

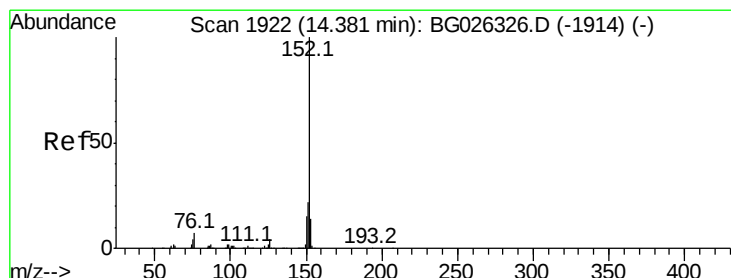
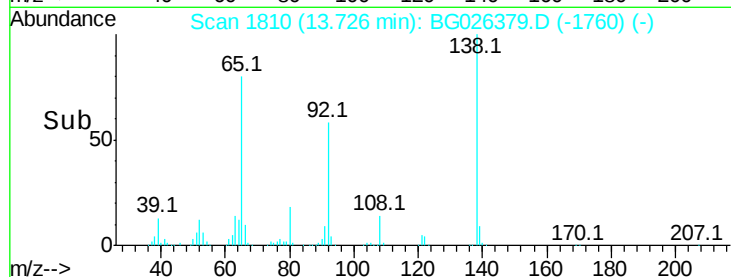
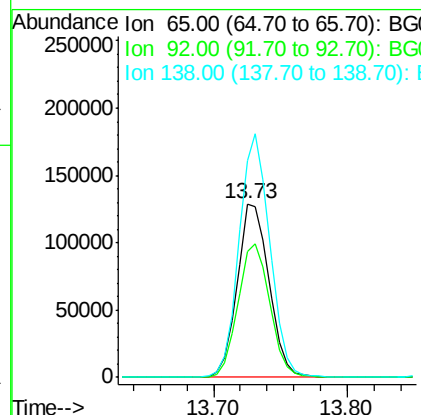
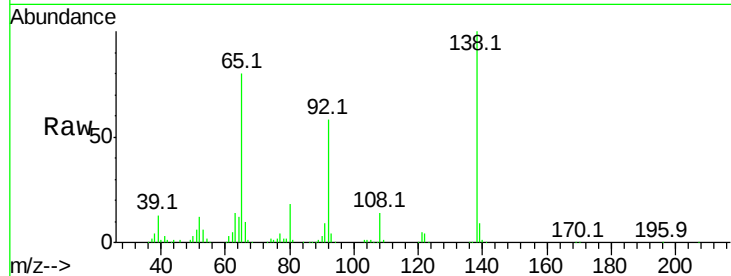




#47
2-Nitroaniline
Concen: 36.44 ng
RT: 13.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BG026379.D
Acq: 22 Mar 2017 17:21

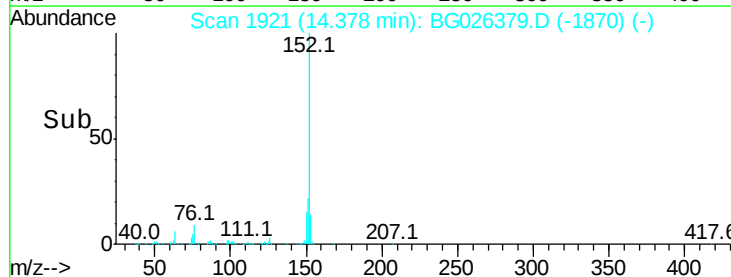
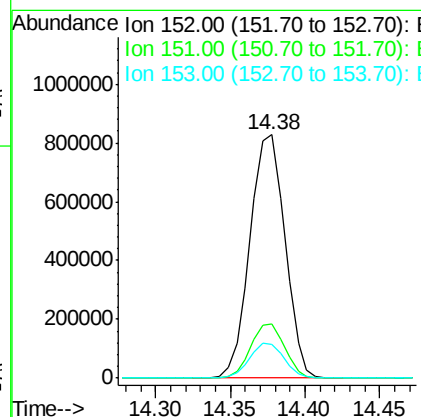
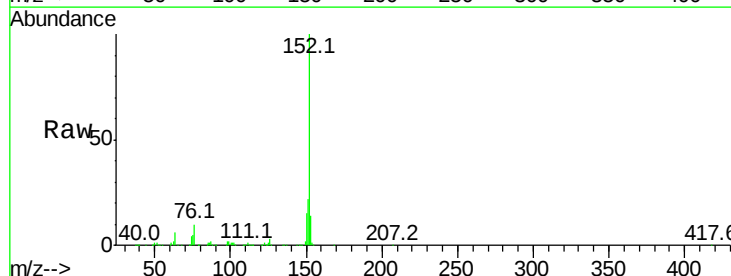
Instrument :
BNA_G
ClientSampleId :
PB97738BS

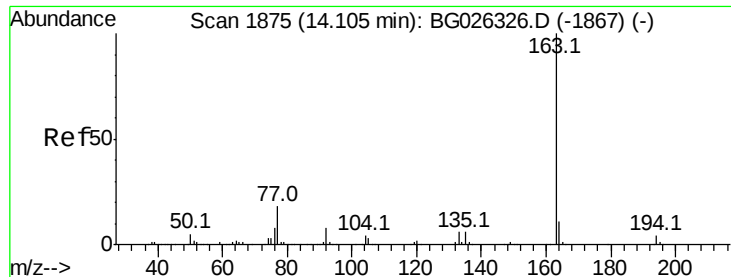
Tot Ion: 65 Resp: 213988
Ion Ratio Lower Upper
65 100
92 72.5 49.0 73.4
138 125.0 58.6 87.8#



#48
Acenaphthylene
Concen: 37.30 ng
RT: 14.38 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BG026379.D
Acq: 22 Mar 2017 17:21

Tgt Ion: 152 Resp: 1342632
Ion Ratio Lower Upper
152 100
151 22.2 18.2 27.2
153 14.0 11.3 16.9

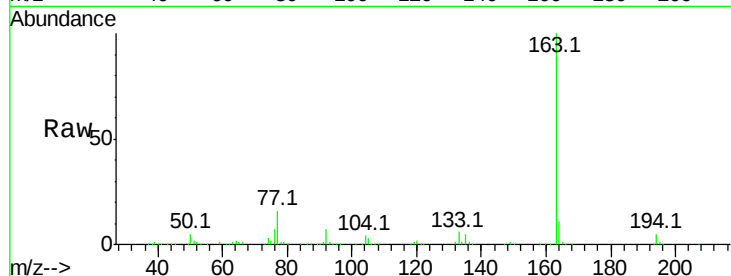




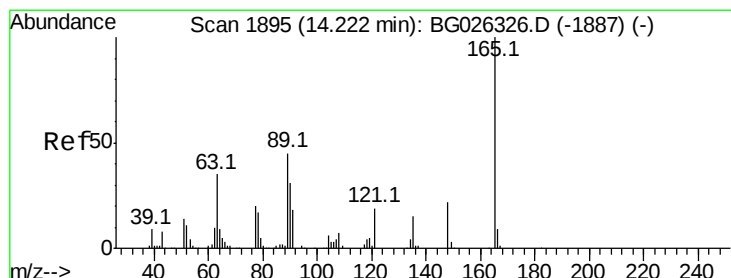
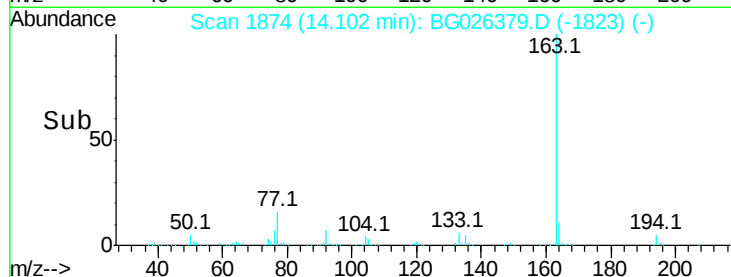
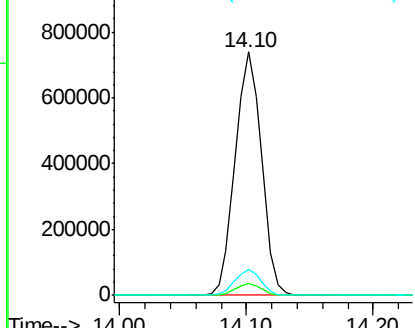
#49
Dimethylphthalate
Concen: 41.06 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.00 min
Lab File: BG026379.D
Acq: 22 Mar 2017 17:21

Instrument :
BNA_G
ClientSampleId :
PB97738BS

Tot Ion:163 Resp: 1058139
Ion Ratio Lower Upper
163 100
194 4.7 3.8 5.6
164 10.7 9.3 13.9

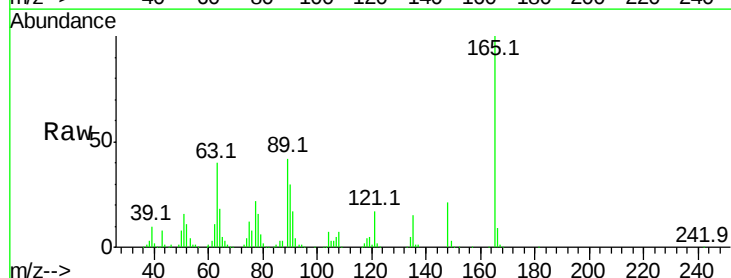


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

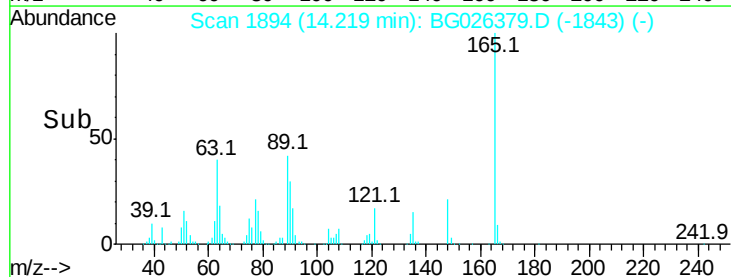
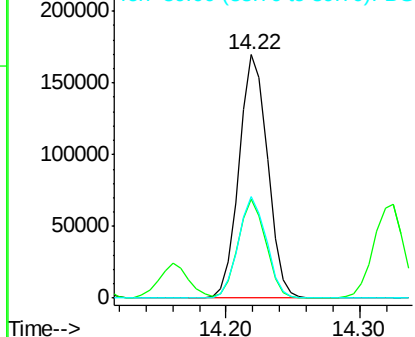


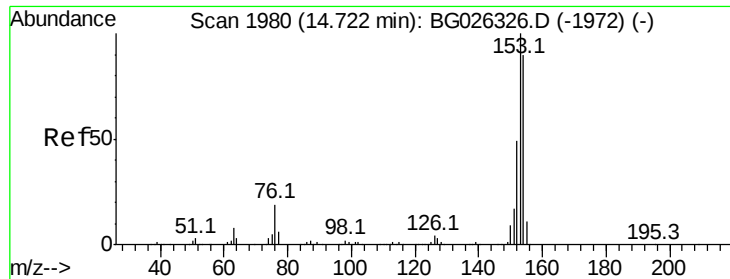
#50
2,6-Dinitrotoluene
Concen: 41.59 ng
RT: 14.22 min Scan# 1894
Delta R.T. -0.00 min
Lab File: BG026379.D
Acq: 22 Mar 2017 17:21

Tgt Ion:165 Resp: 250148
Ion Ratio Lower Upper
165 100
63 40.4 63.9 95.9#
89 41.8 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: 38.09 ng

RT: 14.71 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BG026379.D

Acq: 22 Mar 2017 17:21

Instrument :

BNA_G

ClientSampleId :

PB97738BS

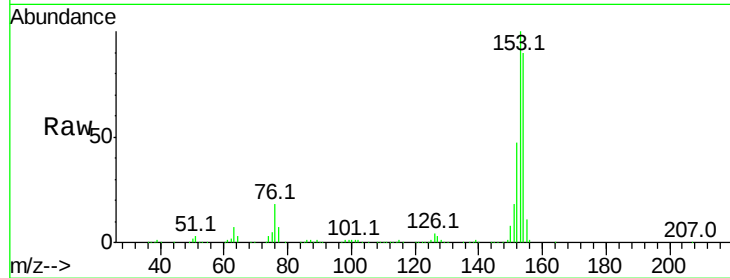
Tot Ion:154 Resp: 844341

Ion Ratio Lower Upper

154 100

153 111.2 87.8 131.6

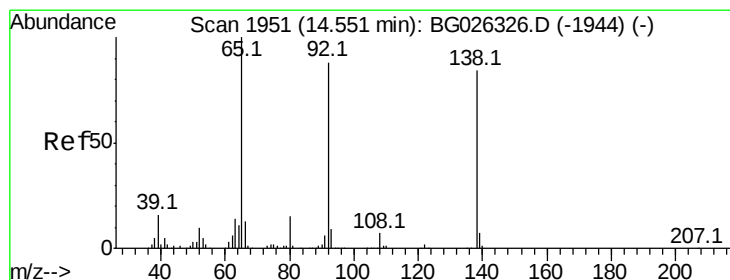
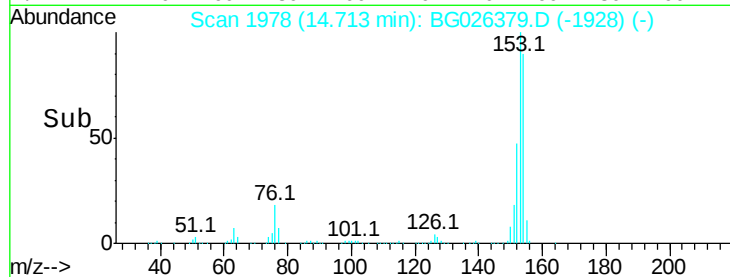
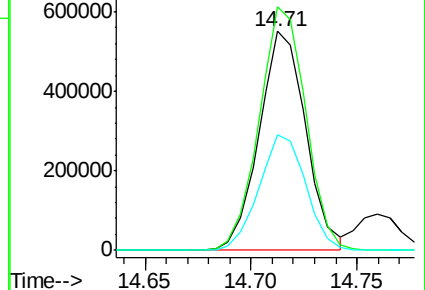
152 52.6 42.2 63.4



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: 24.29 ng

RT: 14.55 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG026379.D

Acq: 22 Mar 2017 17:21

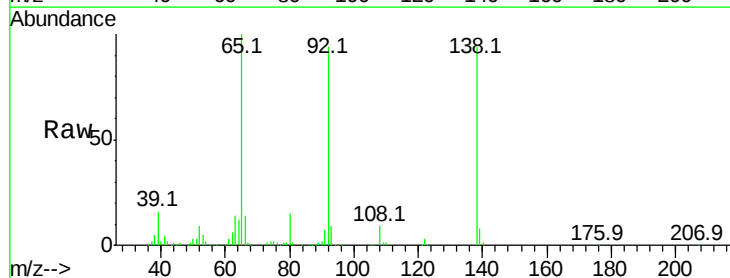
Tgt Ion:138 Resp: 160839

Ion Ratio Lower Upper

138 100

108 9.9 10.9 16.3#

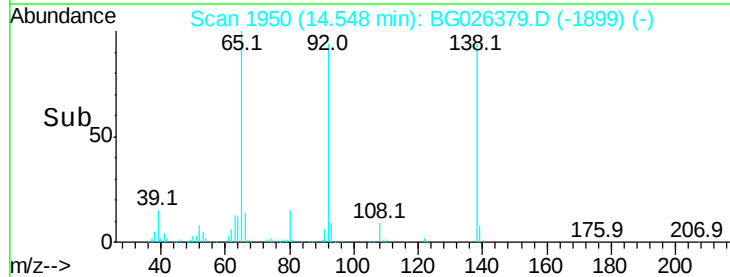
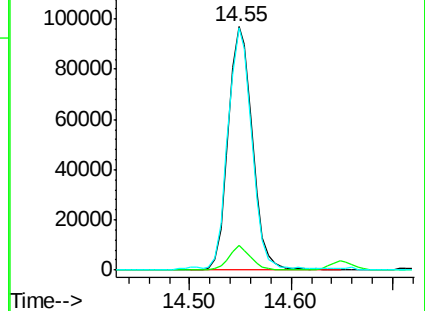
92 99.7 115.3 172.9#

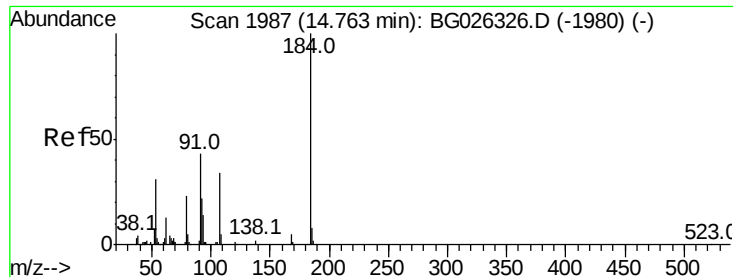


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 83.78 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG026379.D

Acq: 22 Mar 2017 17:21

Instrument :

BNA_G

ClientSampleId :

PB97738BS

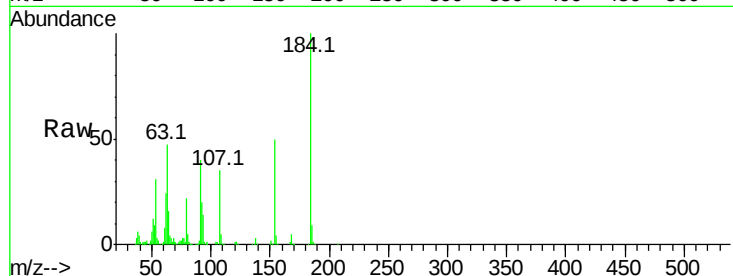
Tot Ion:184 Resp: 292269

Ion Ratio Lower Upper

184 100

63 47.3 52.7 79.1#

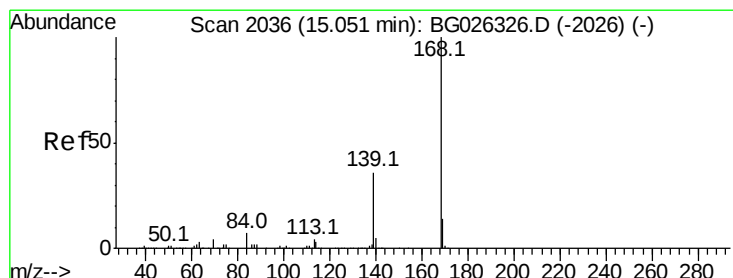
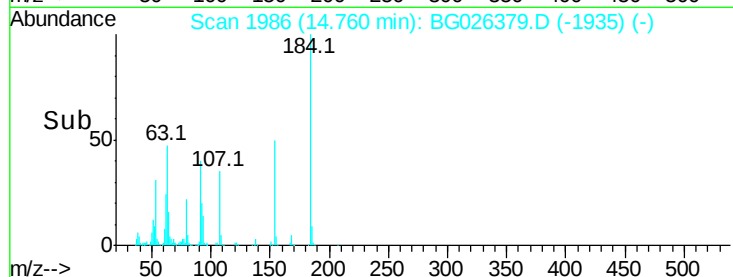
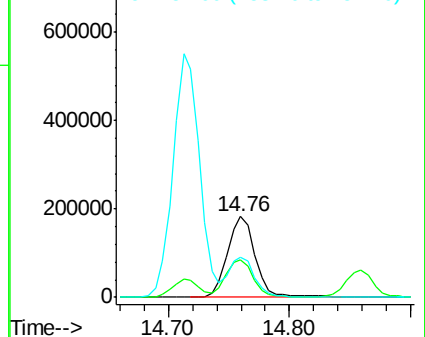
154 49.8 57.3 85.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 41.56 ng

RT: 15.05 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG026379.D

Acq: 22 Mar 2017 17:21

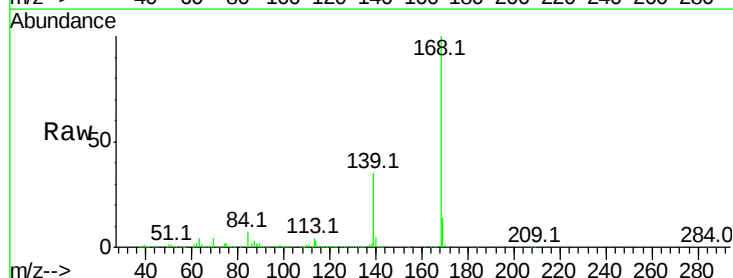
Tgt Ion:168 Resp: 1297034

Ion Ratio Lower Upper

168 100

139 35.2 35.3 52.9#

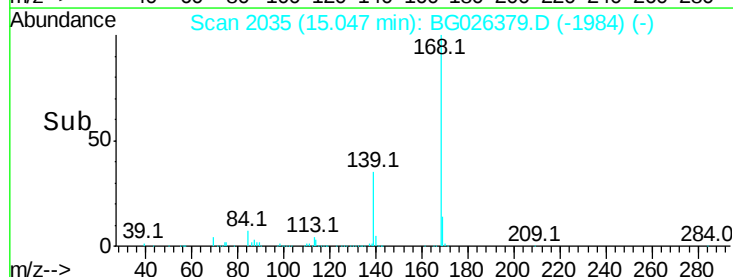
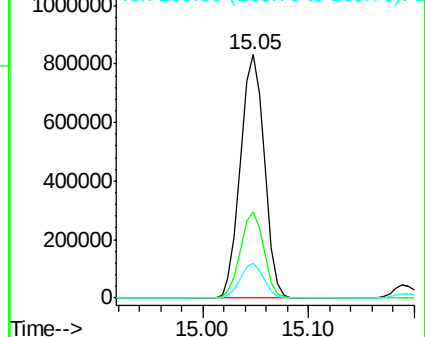
169 14.3 11.5 17.3

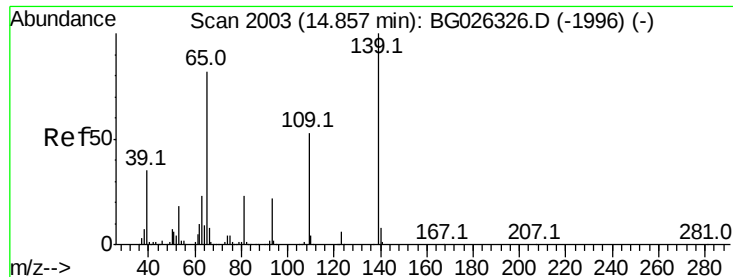


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

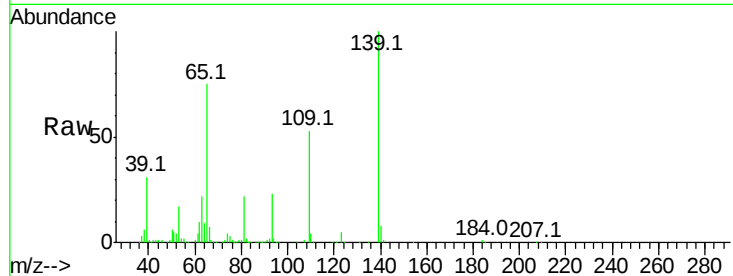




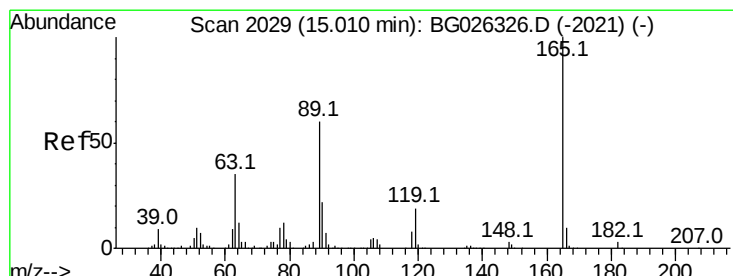
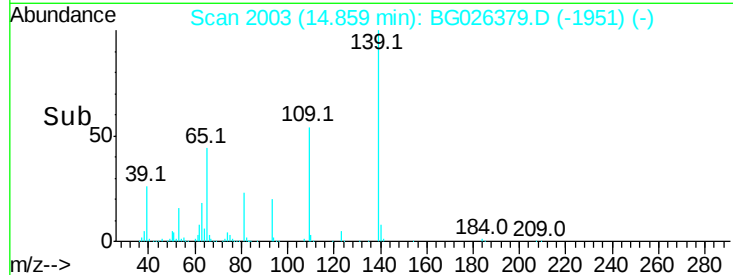
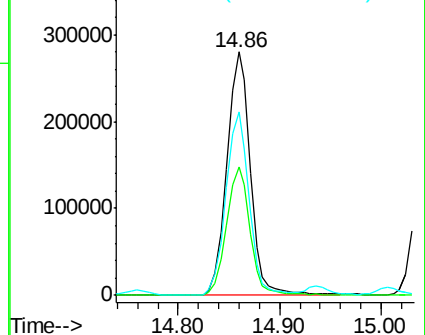
#55
4-Nitrophenol
Concen: 83.28 ng
RT: 14.86 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG026379.D
Acq: 22 Mar 2017 17:21

Instrument :
BNA_G
ClientSampleId :
PB97738BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	52.9	101.2	141.2#
65	75.4	135.3	175.3#

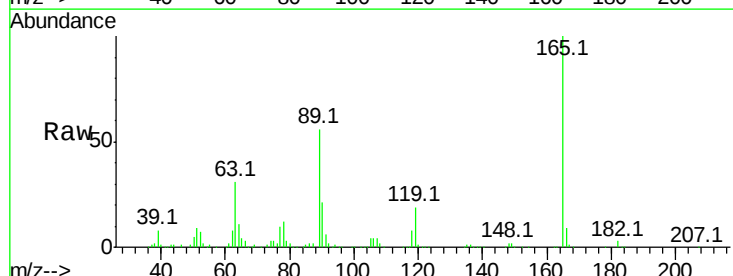


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

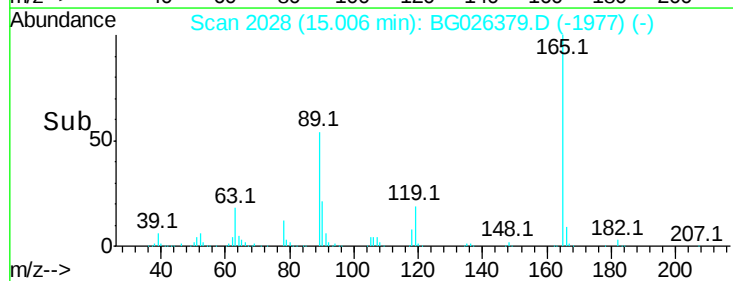
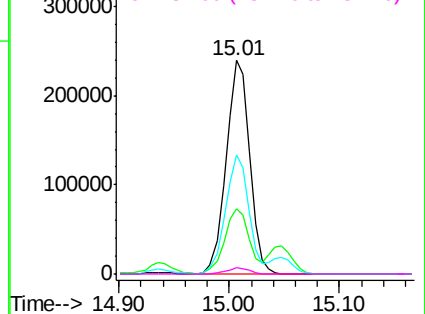


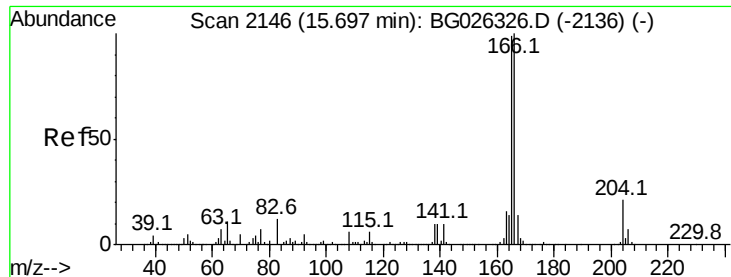
#56
2,4-Dinitrotoluene
Concen: 42.11 ng
RT: 15.01 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG026379.D
Acq: 22 Mar 2017 17:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	30.9	44.0	66.0#
89	55.7	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: 38.77 ng

RT: 15.69 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BG026379.D

Acq: 22 Mar 2017 17:21

Instrument :

BNA_G

ClientSampleId :

PB97738BS

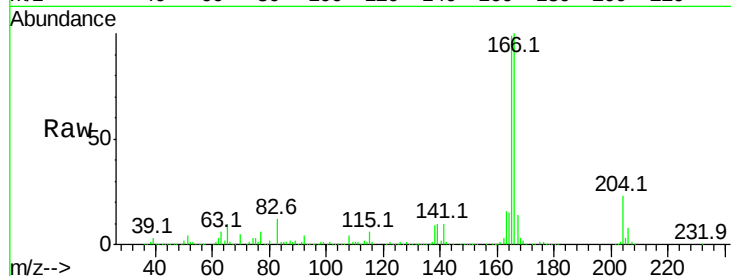
Tot Ion:166 Resp: 1076898

Ion Ratio Lower Upper

166 100

165 98.6 78.6 117.8

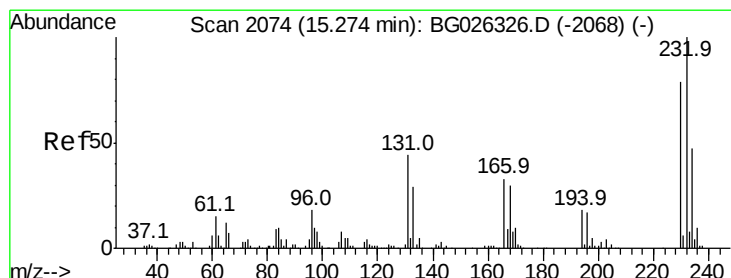
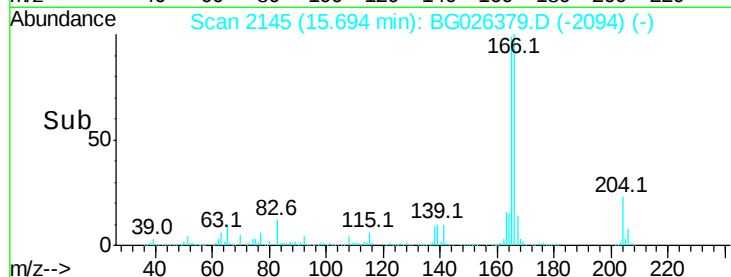
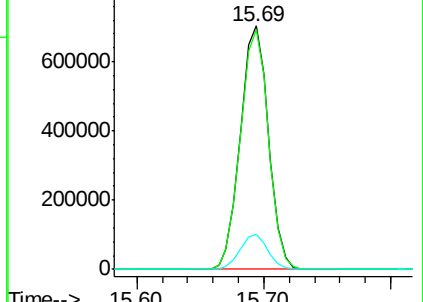
167 14.3 11.6 17.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.00 ng

RT: 15.27 min Scan# 2073

Delta R.T. -0.00 min

Lab File: BG026379.D

Acq: 22 Mar 2017 17:21

Tgt Ion:232 Resp: 298233

Ion Ratio Lower Upper

232 100

131 39.9 34.9 52.3

130 1.7 2.3 3.5#

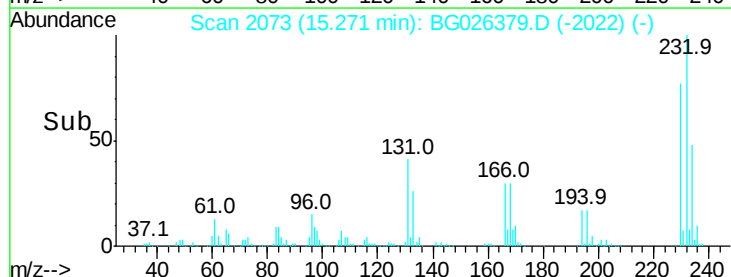
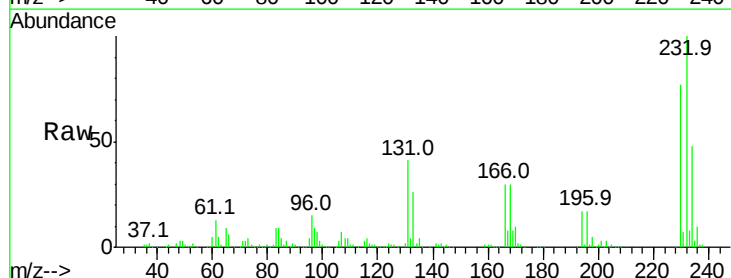
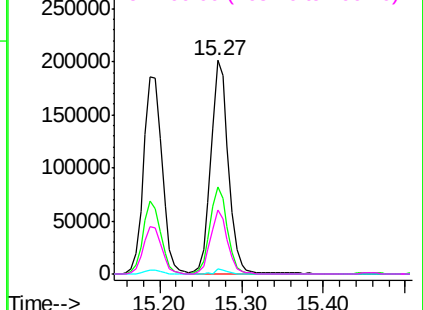
166 28.7 24.2 36.4

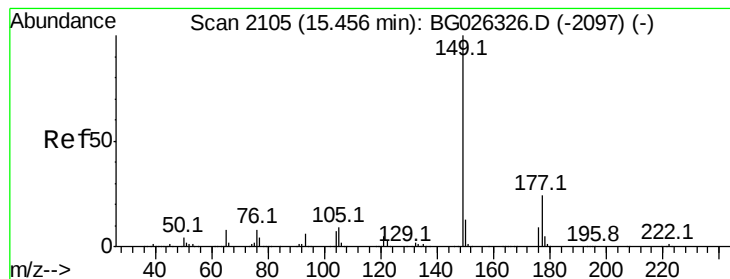
Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.31 ng

RT: 15.46 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BG026379.D

Acq: 22 Mar 2017 17:21

Instrument :

BNA_G

ClientSampleId :

PB97738BS

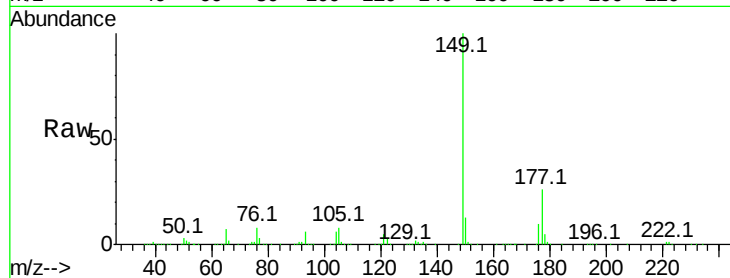
Tot Ion:149 Resp: 1061763

Ion Ratio Lower Upper

149 100

177 25.8 20.1 30.1

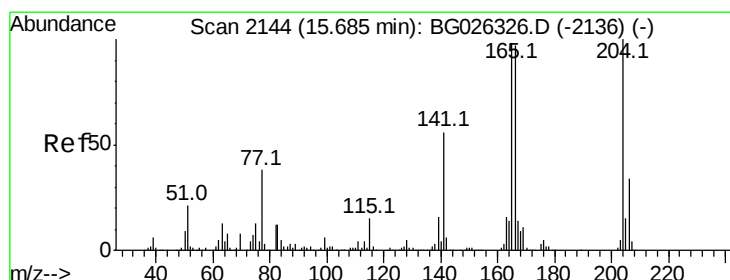
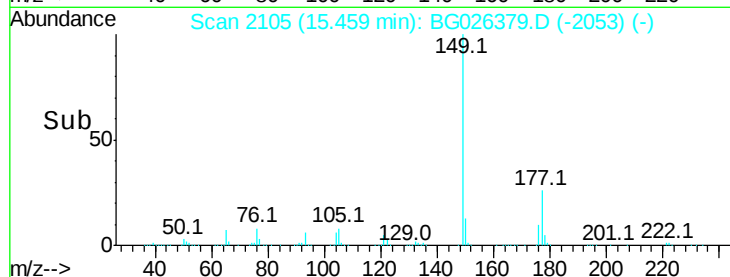
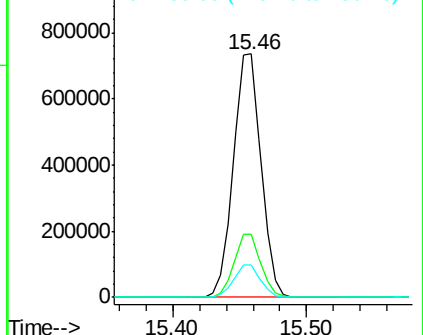
150 13.2 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.27 ng

RT: 15.68 min Scan# 2143

Delta R.T. -0.00 min

Lab File: BG026379.D

Acq: 22 Mar 2017 17:21

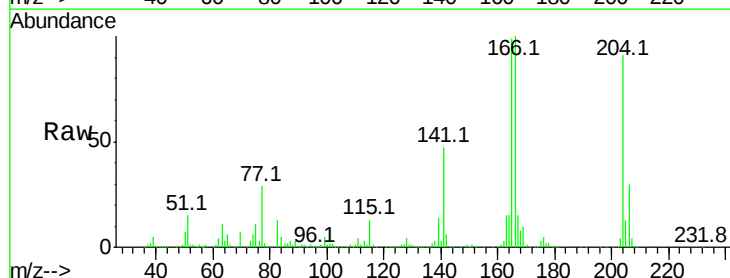
Tgt Ion:204 Resp: 529973

Ion Ratio Lower Upper

204 100

206 32.8 30.1 45.1

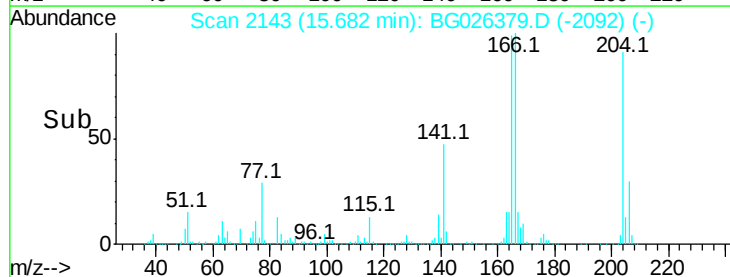
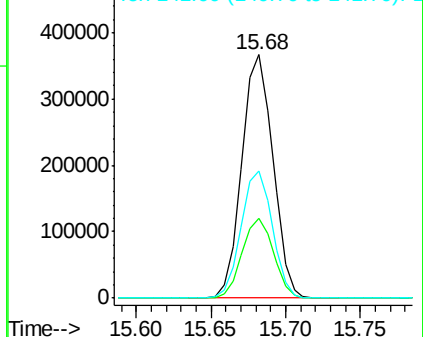
141 52.0 50.6 76.0

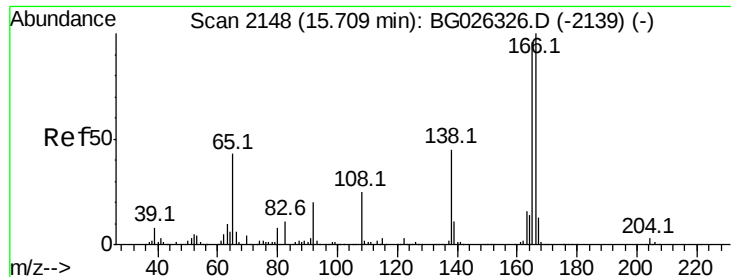


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

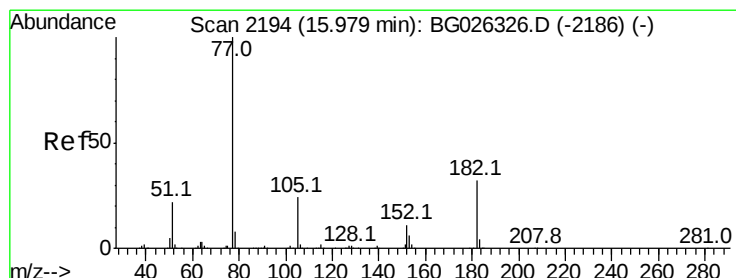
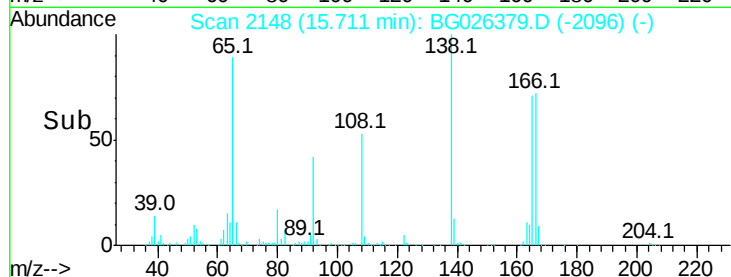
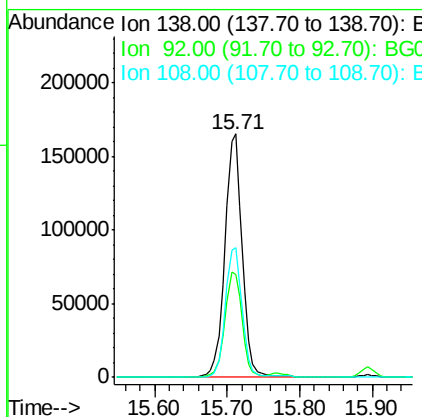
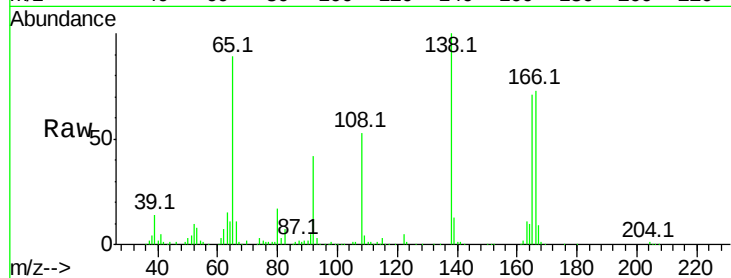




#61
4-Nitroaniline
Concen: 39.26 ng
RT: 15.71 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BG026379.D
Acq: 22 Mar 2017 17:21

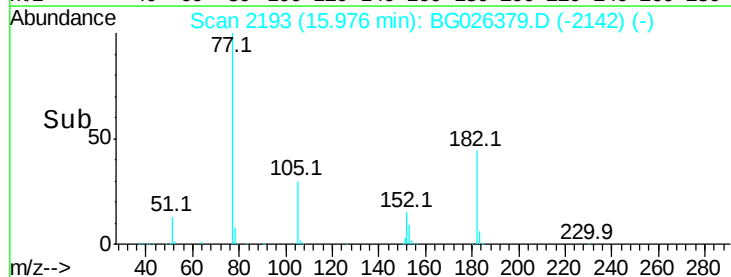
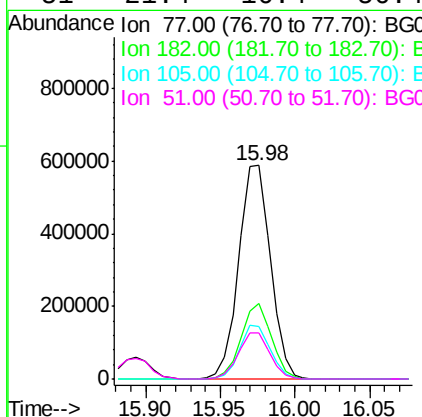
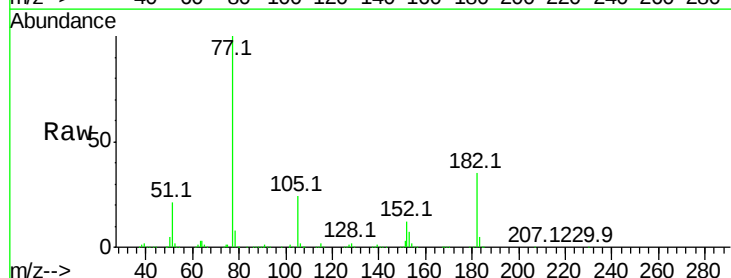
Instrument :
BNA_G
ClientSampleId :
PB97738BS

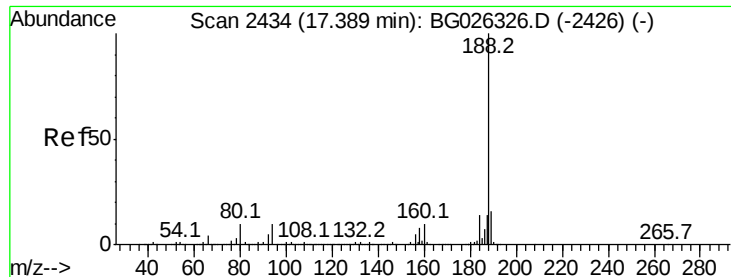
Tot Ion:138 Resp: 275036
Ion Ratio Lower Upper
138 100
92 42.2 44.2 84.2#
108 53.2 104.8 144.8#



#62
Azobenzene
Concen: 40.47 ng
RT: 15.98 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BG026379.D
Acq: 22 Mar 2017 17:21

Tgt Ion: 77 Resp: 866707
Ion Ratio Lower Upper
77 100
182 35.4 4.7 44.7
105 24.5 0.0 36.3
51 21.4 16.4 56.4

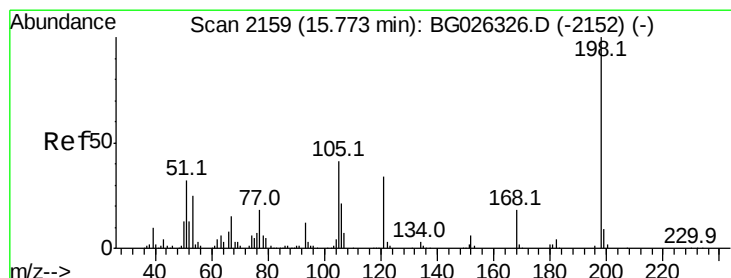
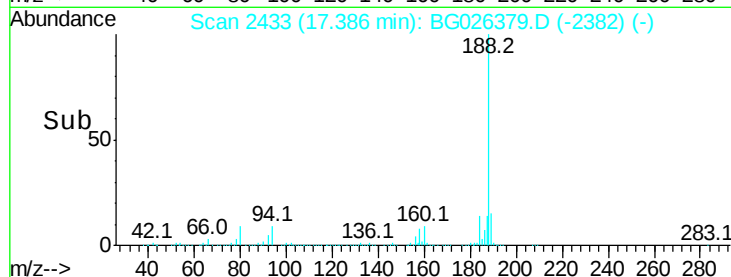
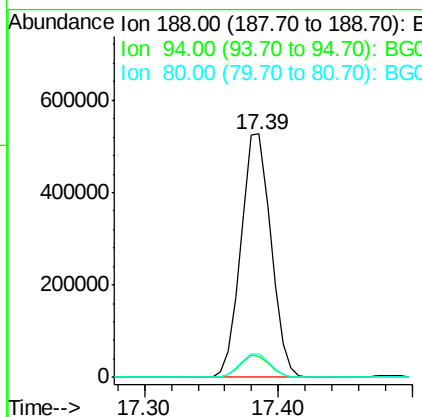
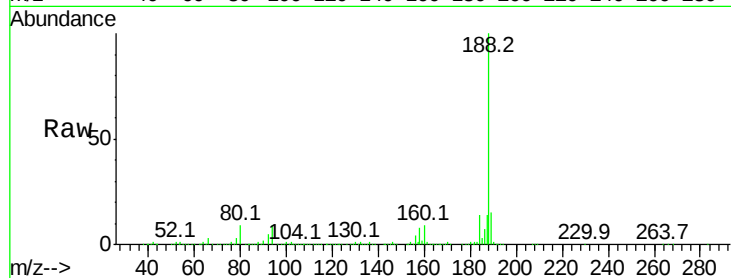




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.39 min Scan# 2433
 Delta R.T. -0.00 min
 Lab File: BG026379.D
 Acq: 22 Mar 2017 17:21

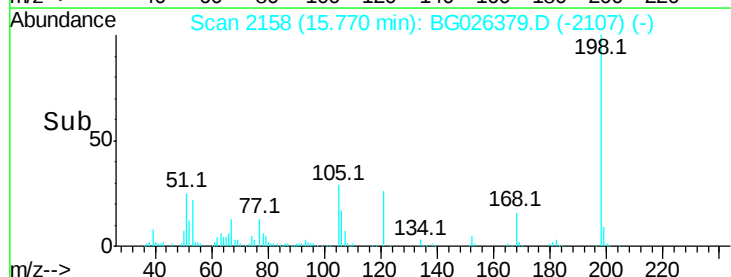
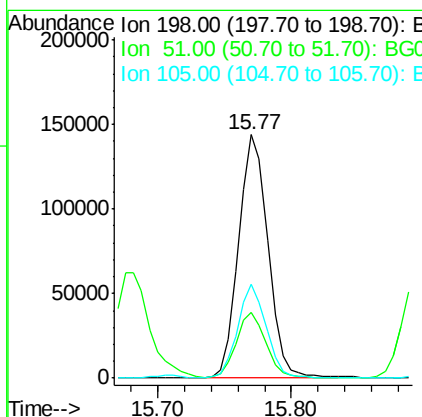
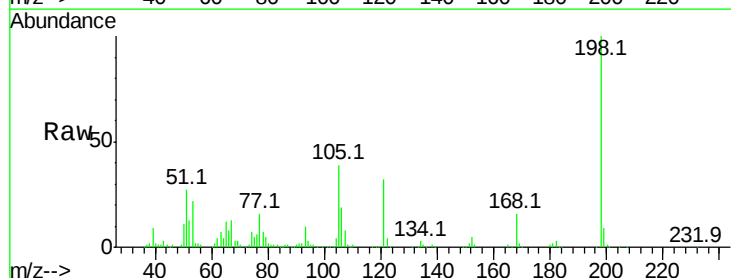
Instrument :
 BNA_G
 ClientSampleId :
 PB97738BS

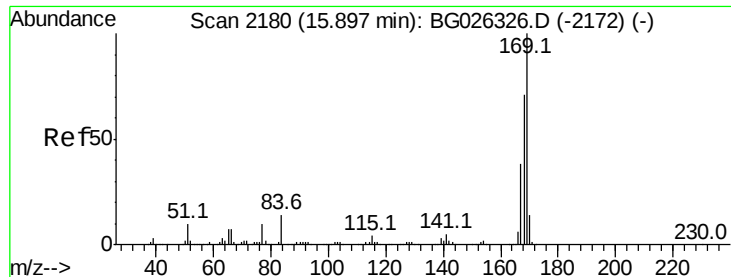
Tot Ion:188 Resp: 818372
 Ion Ratio Lower Upper
 188 100
 94 8.6 5.8 8.8
 80 9.5 7.5 11.3



#64
 4,6-Dinitro-2-methylphenol
 Concen: 42.59 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. -0.00 min
 Lab File: BG026379.D
 Acq: 22 Mar 2017 17:21

Tgt Ion:198 Resp: 219766
 Ion Ratio Lower Upper
 198 100
 51 27.0 22.6 62.6
 105 38.6 14.4 54.4





#65

n-Nitrosodiphenylamine

Concen: 39.93 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BG026379.D

Acq: 22 Mar 2017 17:21

Instrument :

BNA_G

ClientSampleId :

PB97738BS

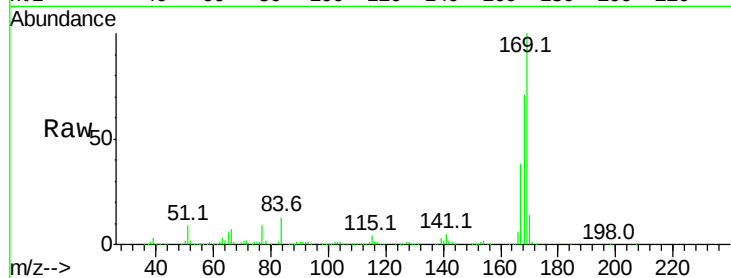
Tot Ion:169 Resp: 958971

Ion Ratio Lower Upper

169 100

168 70.7 55.7 83.5

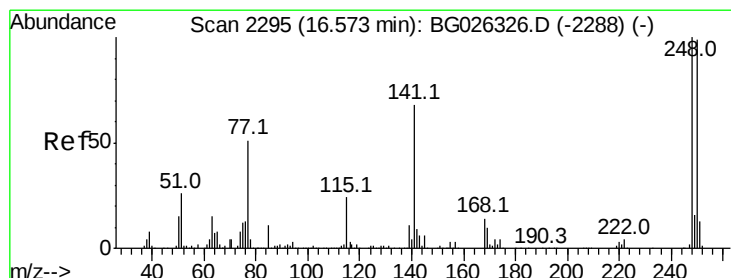
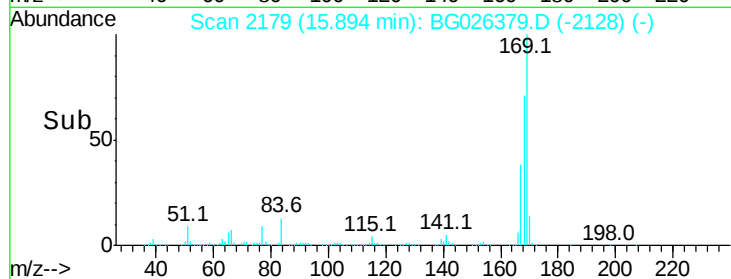
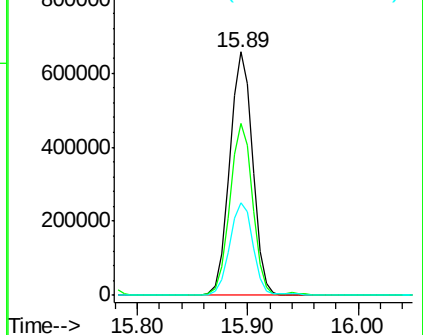
167 37.9 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.73 ng

RT: 16.57 min Scan# 2294

Delta R.T. -0.00 min

Lab File: BG026379.D

Acq: 22 Mar 2017 17:21

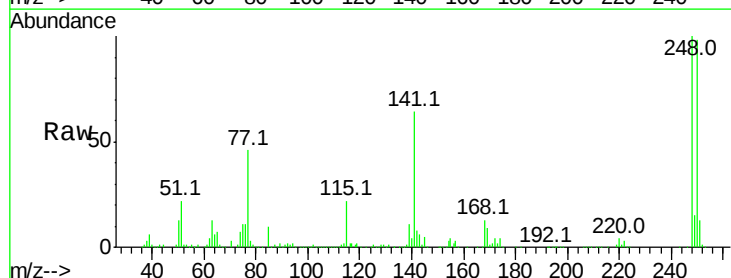
Tgt Ion:248 Resp: 351529

Ion Ratio Lower Upper

248 100

250 98.4 75.0 112.6

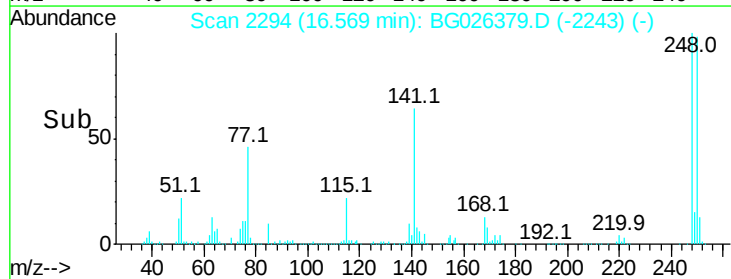
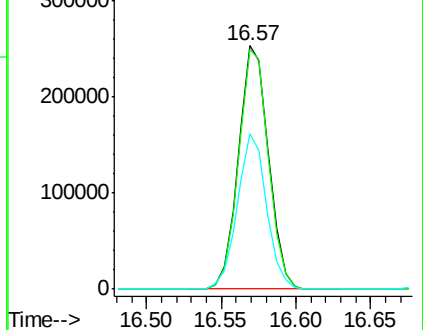
141 63.9 55.2 82.8

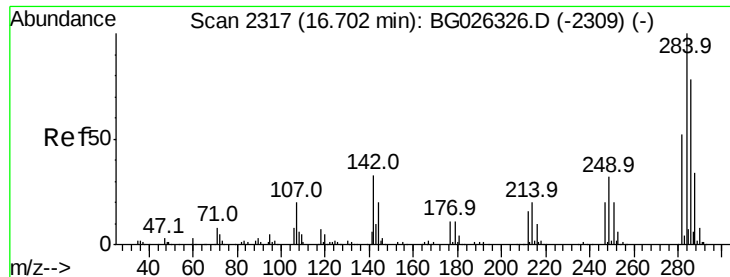


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

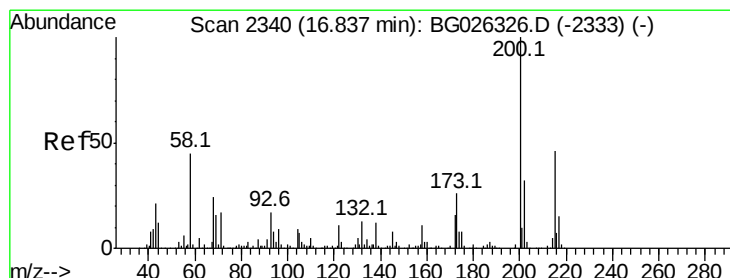
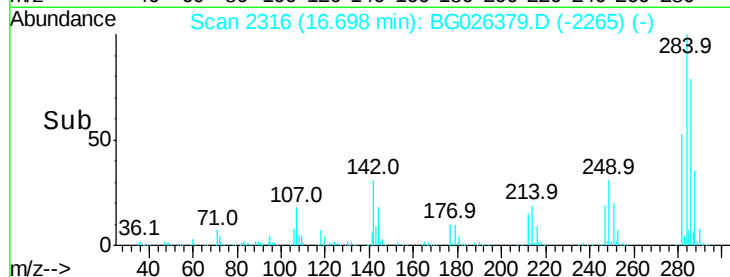
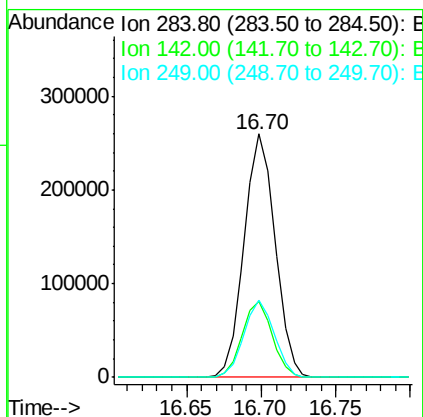
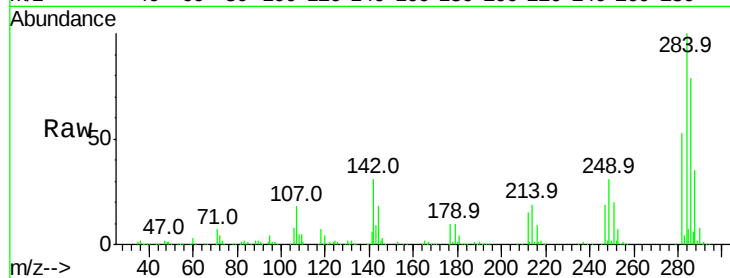




#67
Hexachlorobenzene
Concen: 41.52 ng
RT: 16.70 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG026379.D
Acq: 22 Mar 2017 17:21

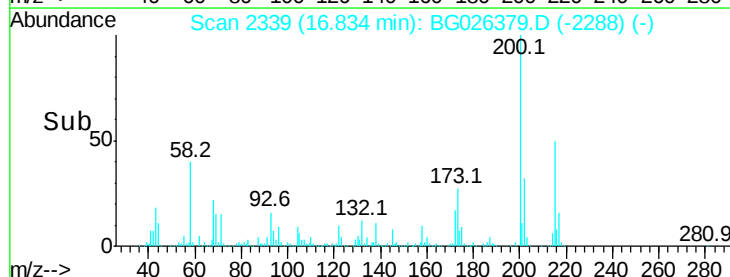
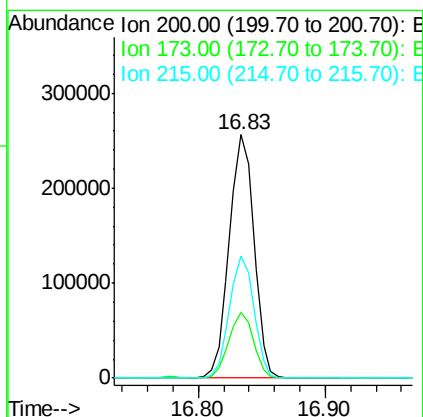
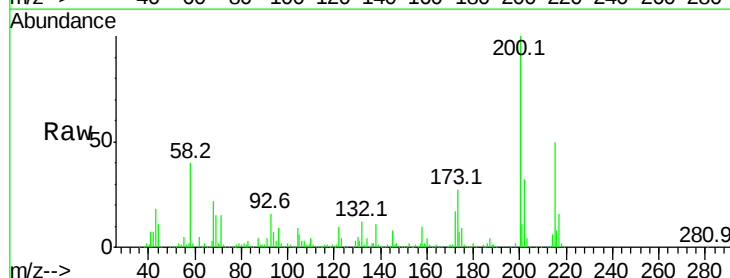
Instrument :
BNA_G
ClientSampleId :
PB97738BS

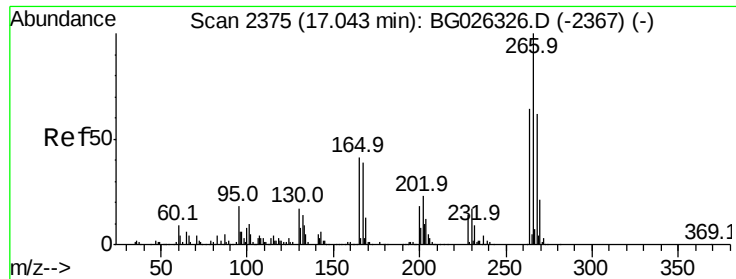
Tot Ion	Ratio	Lower	Upper
284	100		
142	31.1	29.9	44.9
249	31.5	29.2	43.8



#68
Atrazine
Concen: 38.02 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.00 min
Lab File: BG026379.D
Acq: 22 Mar 2017 17:21

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.9	3.0	43.0
215	50.0	28.4	68.4

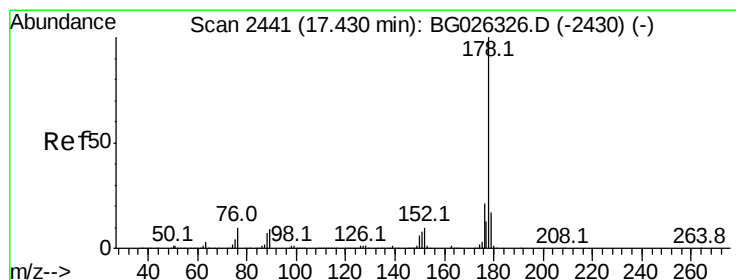
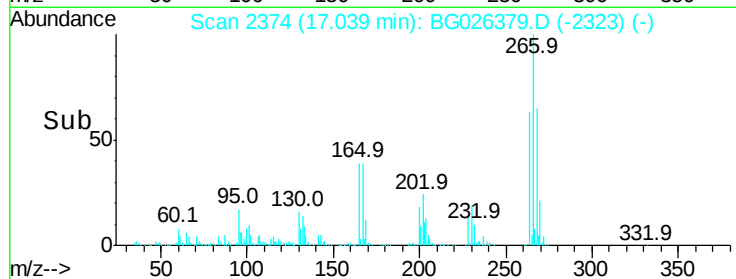
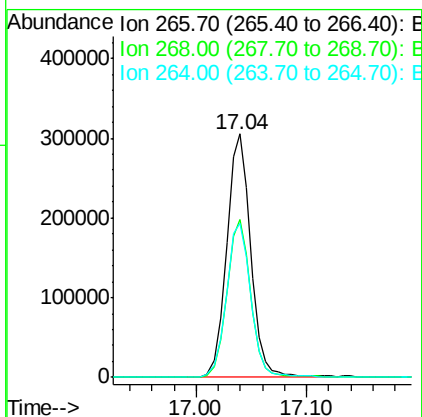
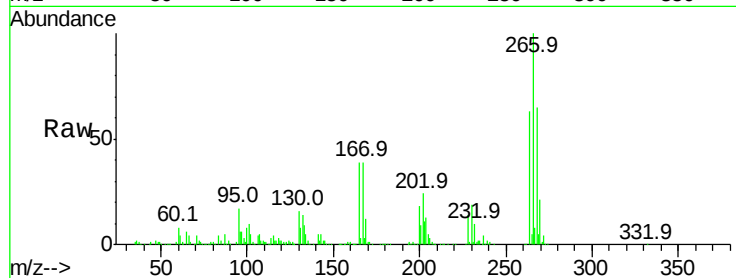




#69
 Pentachlorophenol
 Concen: 79.82 ng
 RT: 17.04 min Scan# 2374
 Delta R.T. -0.00 min
 Lab File: BG026379.D
 Acq: 22 Mar 2017 17:21

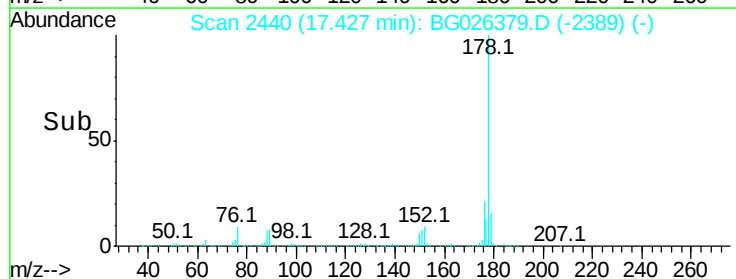
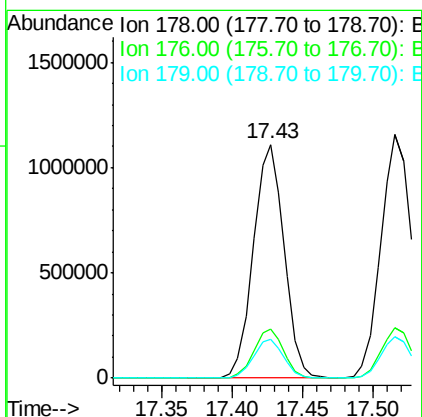
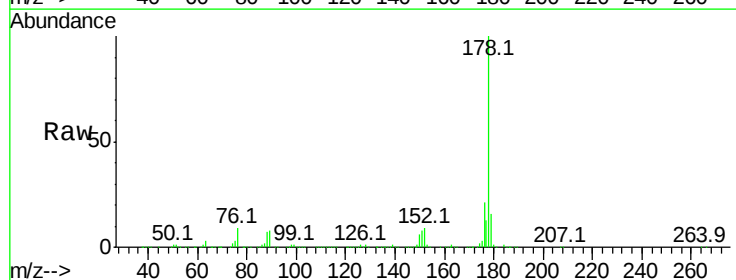
Instrument :
 BNA_G
 ClientSampleId :
 PB97738BS

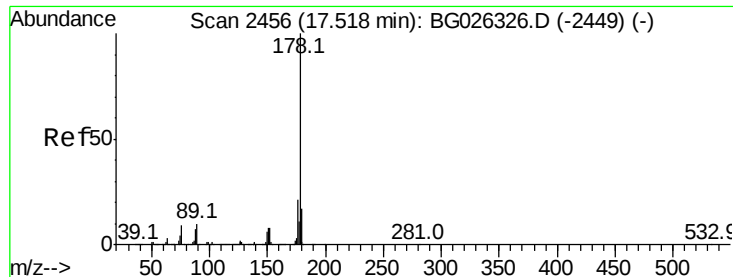
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.0	48.6	72.8
264	63.5	50.1	75.1



#70
 Phenanthrene
 Concen: 38.55 ng
 RT: 17.43 min Scan# 2440
 Delta R.T. -0.00 min
 Lab File: BG026379.D
 Acq: 22 Mar 2017 17:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.1	17.7	26.5
179	16.5	15.0	22.6





#71

Anthracene

Concen: 39.03 ng

RT: 17.52 min Scan# 2455

Delta R.T. -0.00 min

Lab File: BG026379.D

Acq: 22 Mar 2017 17:21

Instrument :

BNA_G

ClientSampleId :

PB97738BS

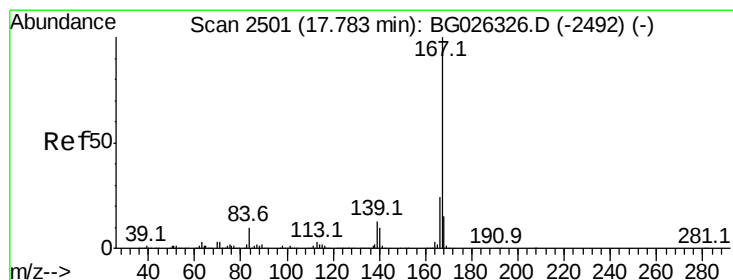
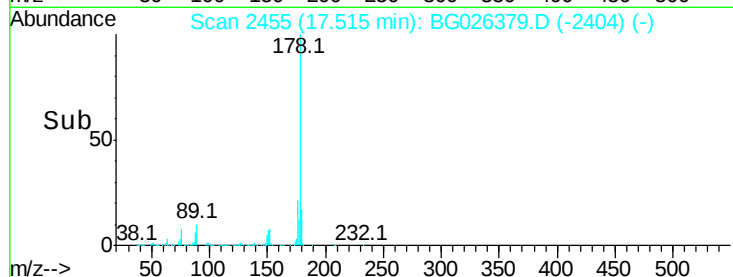
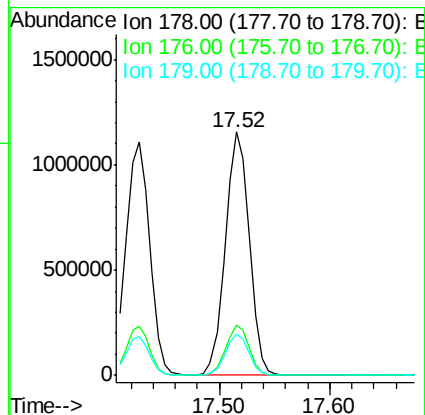
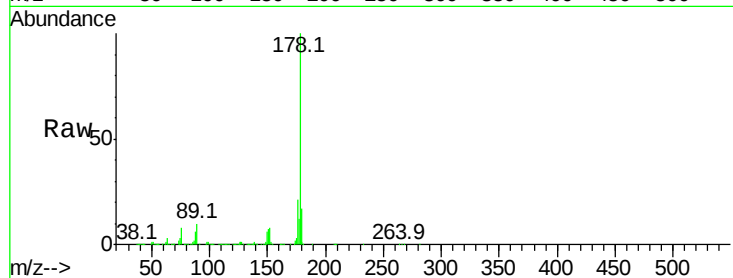
Tot Ion:178 Resp: 1749792

Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.4	24.6
179	16.9	13.8	20.8

178 100

176 20.7 16.4 24.6

179 16.9 13.8 20.8



#72

Carbazole

Concen: 35.88 ng

RT: 17.78 min Scan# 2500

Delta R.T. -0.00 min

Lab File: BG026379.D

Acq: 22 Mar 2017 17:21

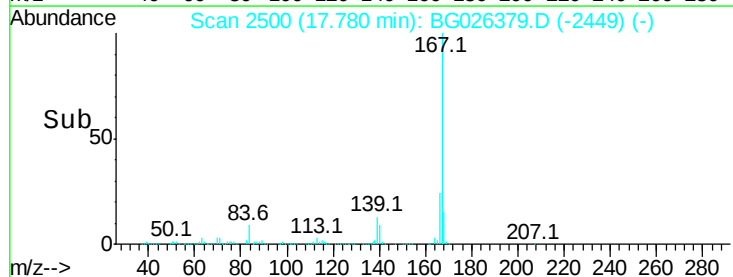
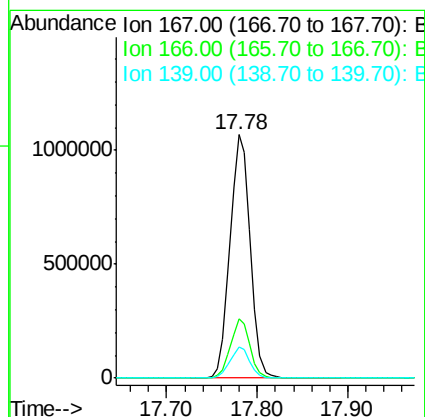
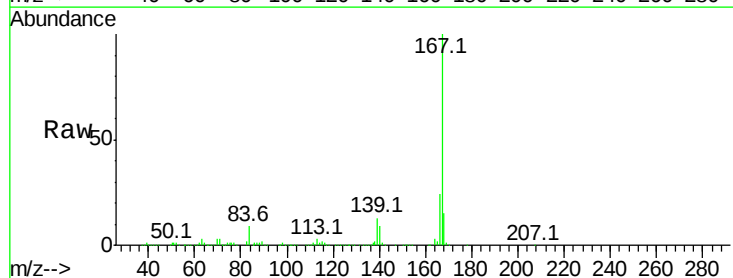
Tgt Ion:167 Resp: 1656451

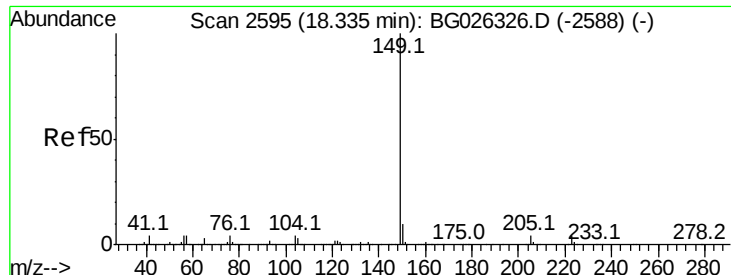
Ion	Ratio	Lower	Upper
167	100		
166	24.1	20.2	30.2
139	12.7	12.8	19.2

167 100

166 24.1 20.2 30.2

139 12.7 12.8 19.2

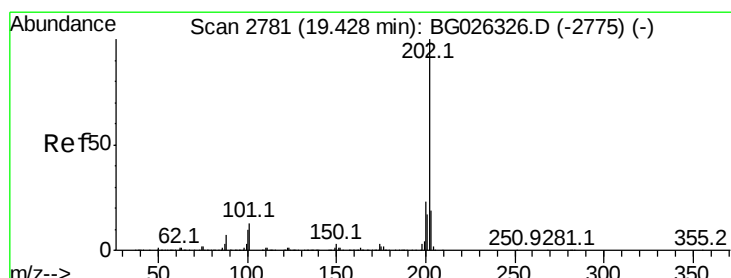
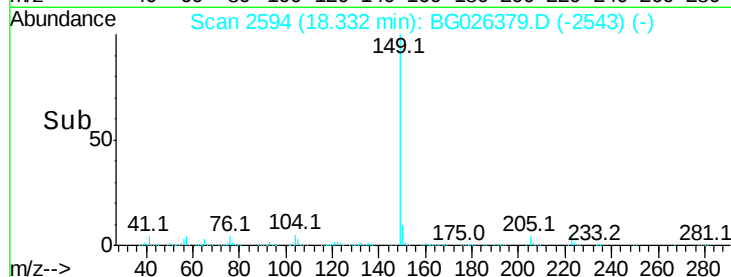
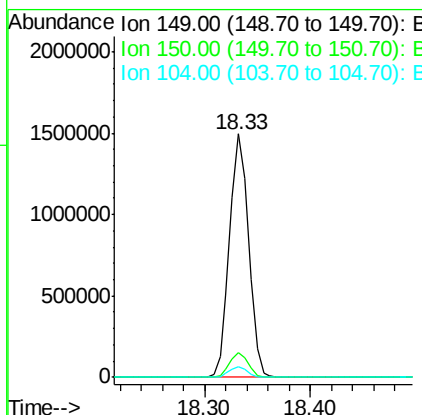
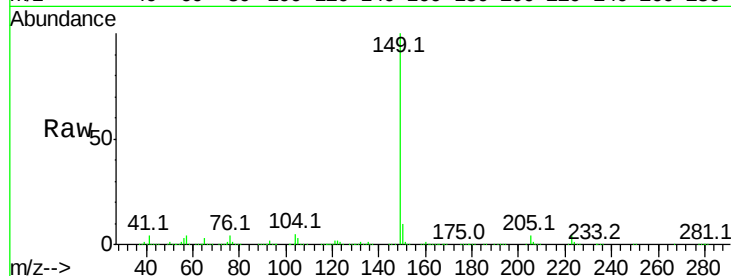




#73
Di-n-butylphthalate
Concen: 39.49 ng
RT: 18.33 min Scan# 2594
Delta R.T. -0.00 min
Lab File: BG026379.D
Acq: 22 Mar 2017 17:21

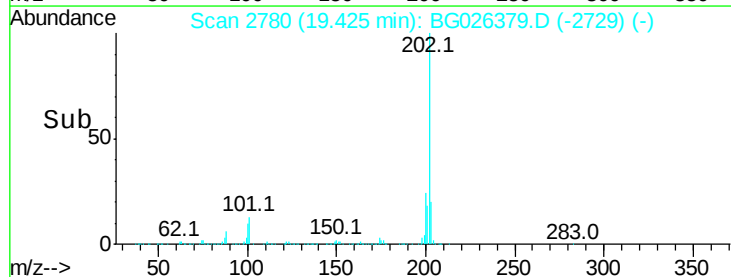
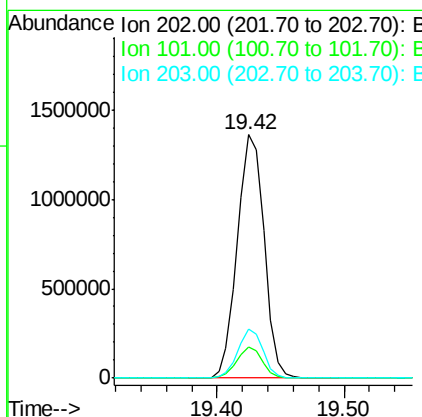
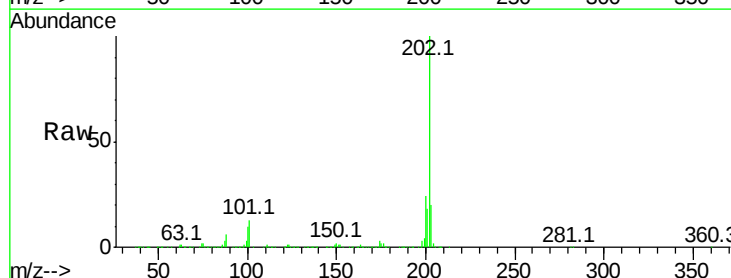
Instrument :
BNA_G
ClientSampleId :
PB97738BS

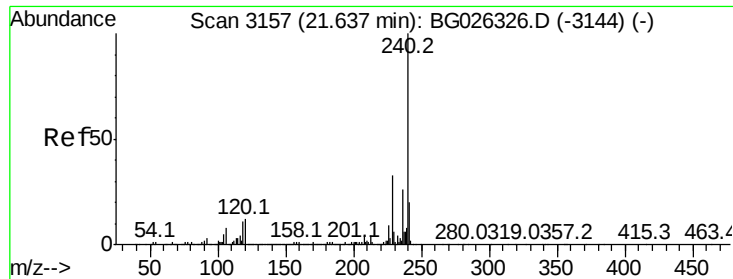
Tot Ion:149 Resp: 1873122
Ion Ratio Lower Upper
149 100
150 10.2 9.1 13.7
104 4.5 6.7 10.1#



#74
Fluoranthene
Concen: 38.39 ng
RT: 19.42 min Scan# 2780
Delta R.T. -0.00 min
Lab File: BG026379.D
Acq: 22 Mar 2017 17:21

Tgt Ion:202 Resp: 1984142
Ion Ratio Lower Upper
202 100
101 12.8 0.0 30.1
203 20.2 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: BG026379.D

Acq: 22 Mar 2017 17:21

Instrument :

BNA_G

ClientSampleId :

PB97738BS

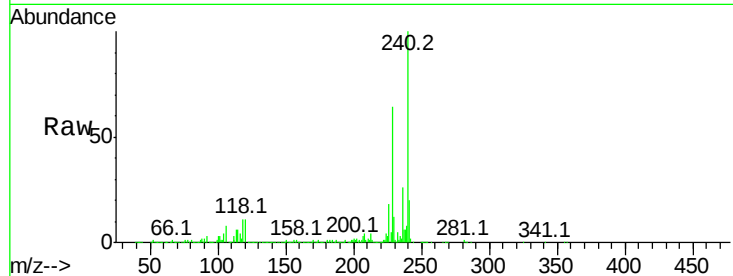
Tot Ion:240 Resp: 892917

Ion Ratio Lower Upper

240 100

120 11.2 5.7 8.5#

236 26.1 22.2 33.4

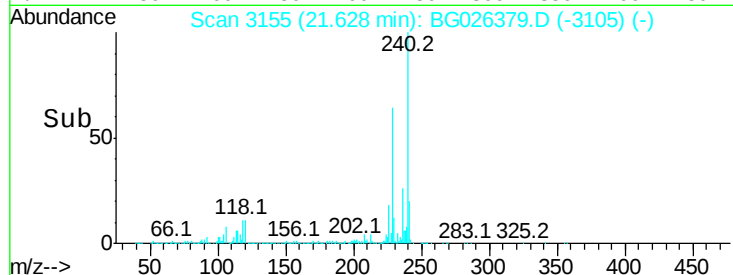


Abundance Ion 240.00 (239.70 to 240.70): E

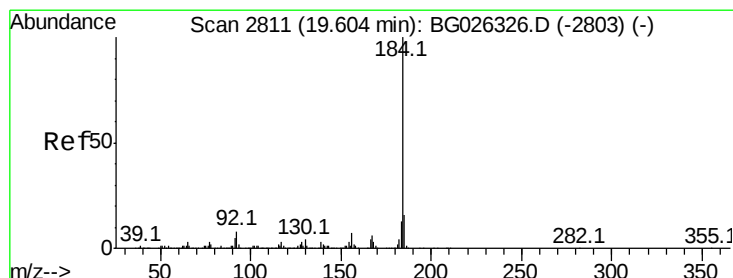
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.63



Time-->



#76

Benzidine

Concen: 24.82 ng

RT: 19.60 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG026379.D

Acq: 22 Mar 2017 17:21

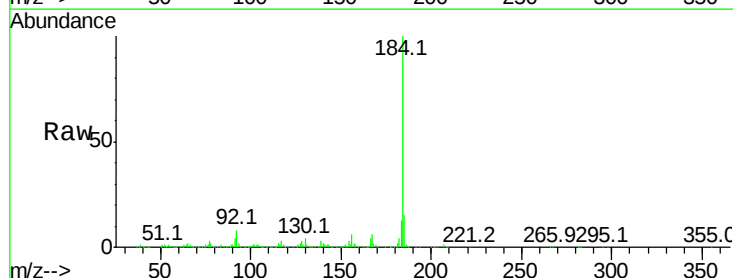
Tgt Ion:184 Resp: 763965

Ion Ratio Lower Upper

184 100

185 15.1 13.0 19.6

183 13.1 11.0 16.6

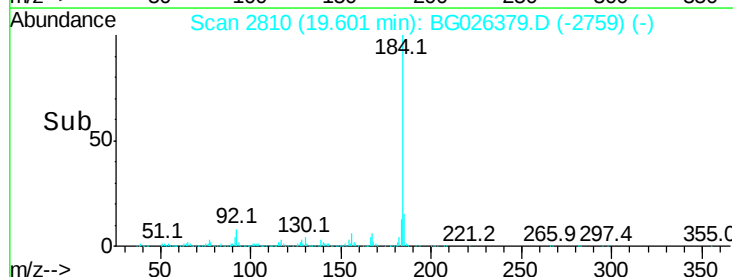


Abundance Ion 184.00 (183.70 to 184.70): E

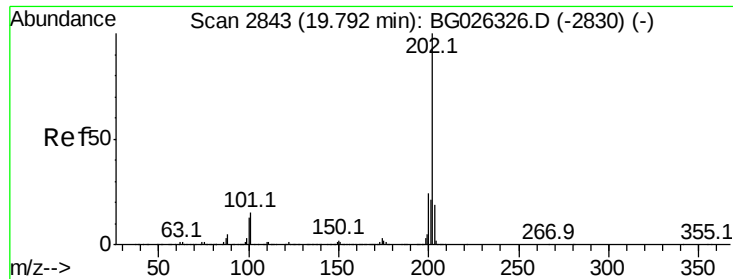
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

19.60



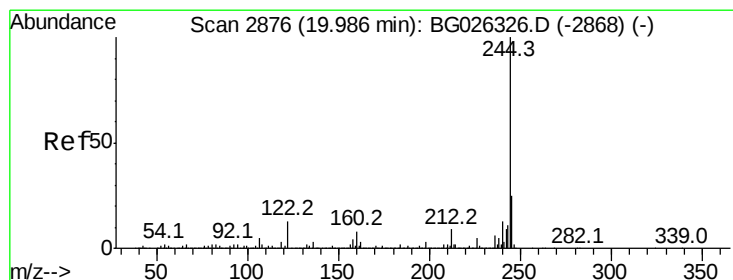
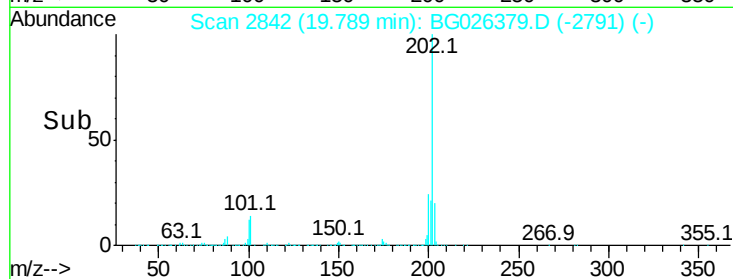
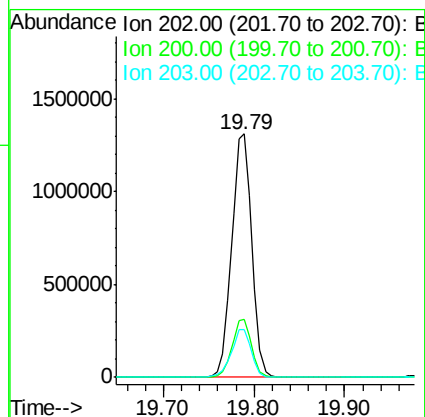
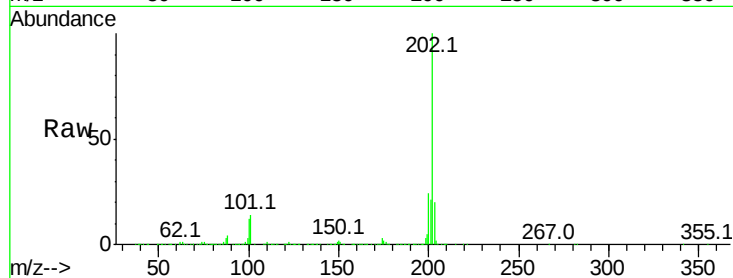
Time-->



#77
Pvrene
Concen: 39.07 ng
RT: 19.79 min Scan# 2842
Delta R.T. -0.00 min
Lab File: BG026379.D
Acq: 22 Mar 2017 17:21

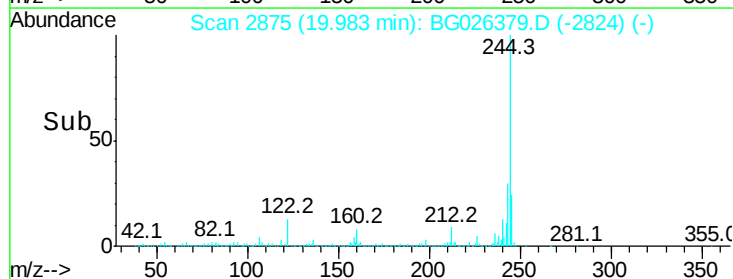
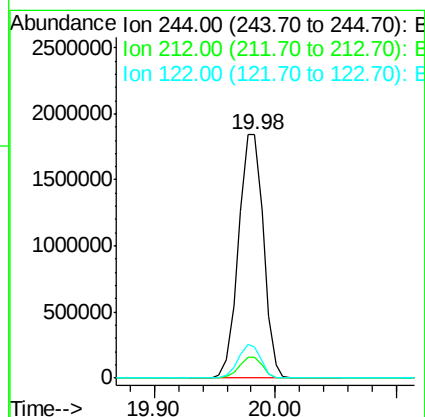
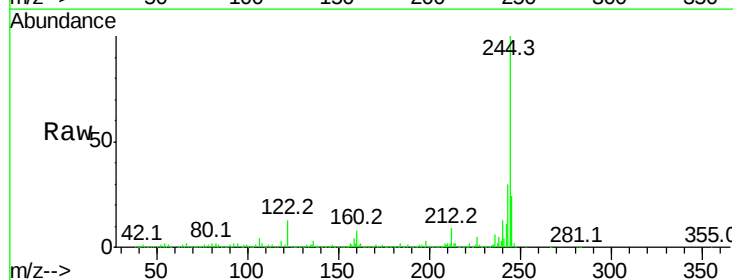
Instrument :
BNA_G
ClientSampleId :
PB97738BS

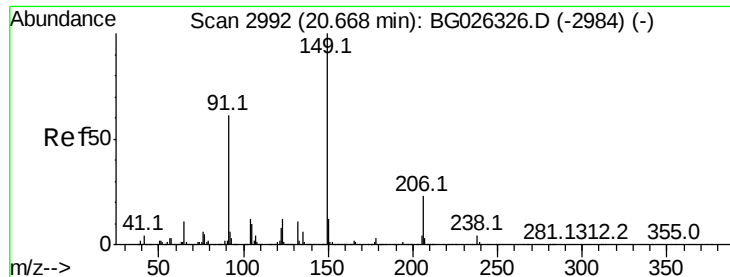
Tot Ion:202 Resp: 2019998
Ion Ratio Lower Upper
202 100
200 23.9 19.6 29.4
203 19.7 15.8 23.8



#78
Terphenyl-d14
Concen: 72.25 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.00 min
Lab File: BG026379.D
Acq: 22 Mar 2017 17:21

Tgt Ion:244 Resp: 2656560
Ion Ratio Lower Upper
244 100
212 8.7 10.0 15.0#
122 12.8 8.6 12.8

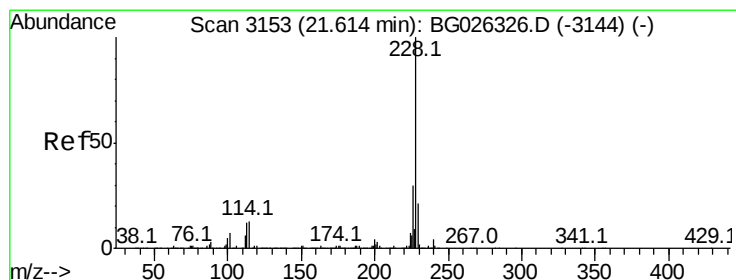
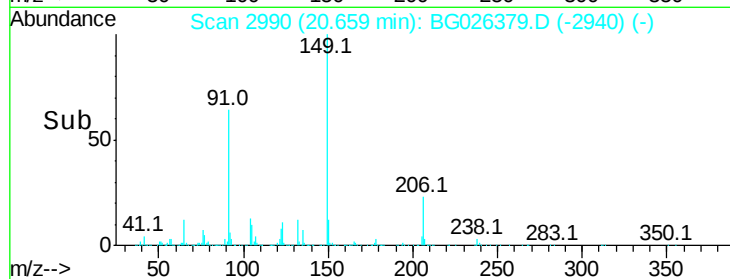
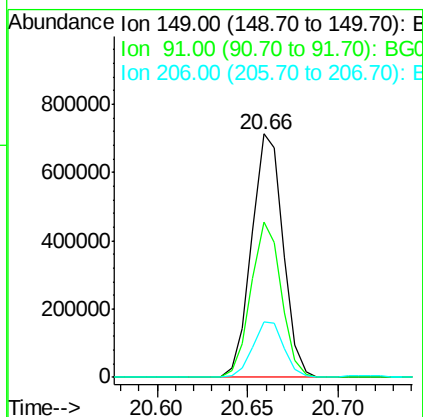
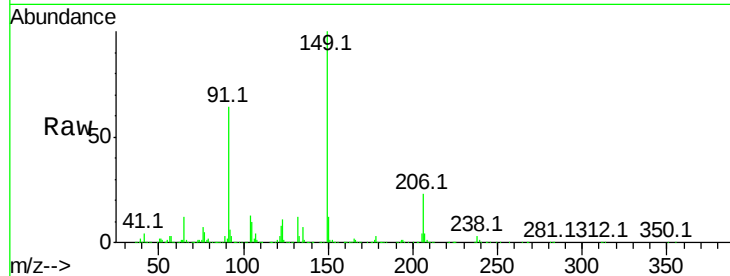




#79
 Butylbenzylphthalate
 Concen: 41.67 ng
 RT: 20.66 min Scan# 2990
 Delta R.T. -0.01 min
 Lab File: BG026379.D
 Acq: 22 Mar 2017 17:21

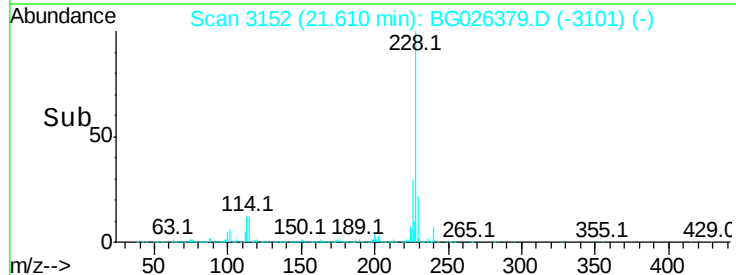
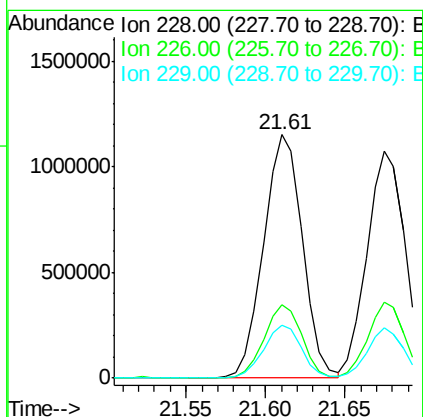
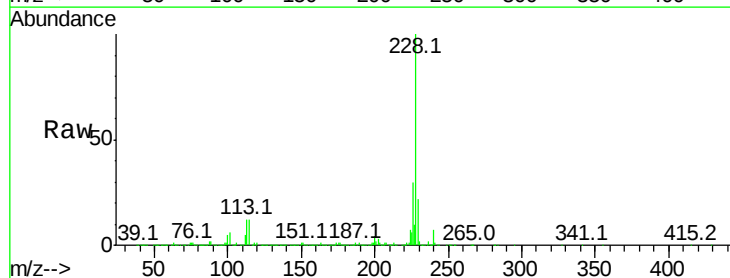
Instrument :
 BNA_G
 ClientSampleId :
 PB97738BS

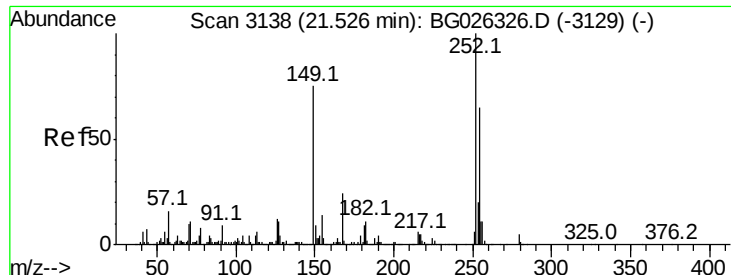
Tot Ion	Ratio	Lower	Upper
149	100		
91	63.9	63.5	95.3
206	22.6	21.0	31.6



#80
 Benzo(a)anthracene
 Concen: 39.04 ng
 RT: 21.61 min Scan# 3152
 Delta R.T. -0.00 min
 Lab File: BG026379.D
 Acq: 22 Mar 2017 17:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	21.6	18.2	27.2

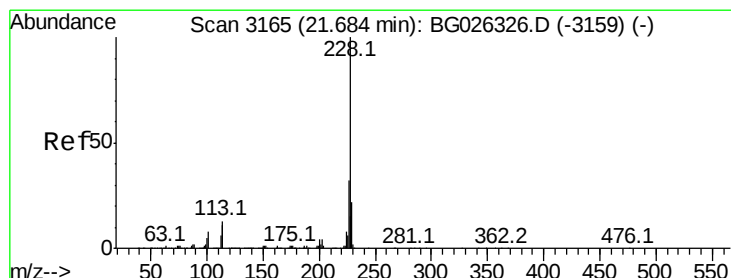
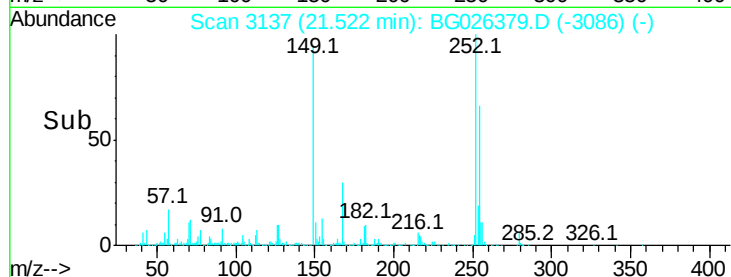
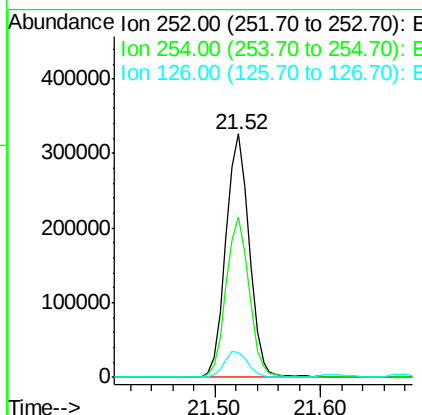
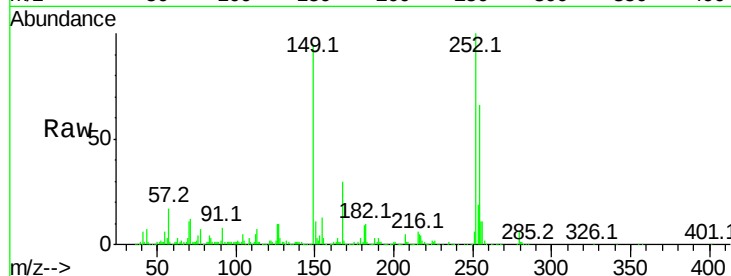




#81
 3,3'-Dichlorobenzidine
 Concen: 24.39 ng
 RT: 21.52 min Scan# 3137
 Delta R.T. -0.00 min
 Lab File: BG026379.D
 Acq: 22 Mar 2017 17:21

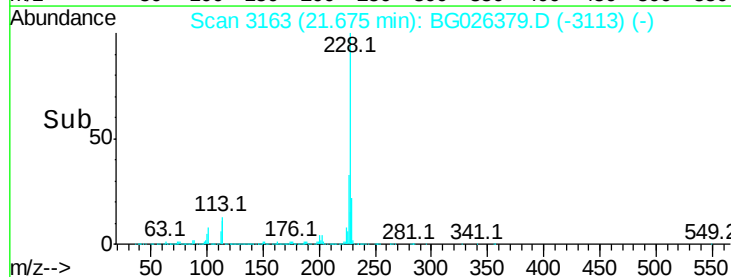
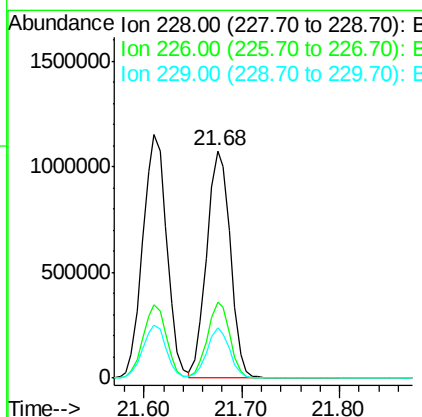
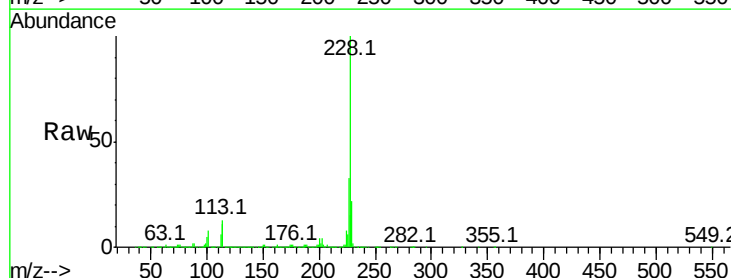
Instrument :
 BNA_G
 ClientSampleId :
 PB97738BS

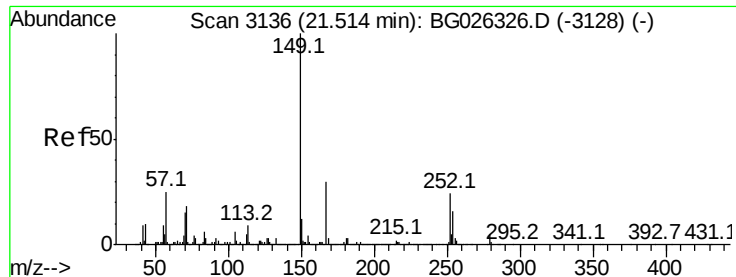
Tot Ion:252 Resp: 501725
 Ion Ratio Lower Upper
 252 100
 254 65.8 53.1 79.7
 126 10.2 7.0 10.4



#82
 Chrysene
 Concen: 37.47 ng
 RT: 21.68 min Scan# 3163
 Delta R.T. -0.01 min
 Lab File: BG026379.D
 Acq: 22 Mar 2017 17:21

Tgt Ion:228 Resp: 1798940
 Ion Ratio Lower Upper
 228 100
 226 33.4 27.0 40.4
 229 22.0 17.8 26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.66 ng

RT: 21.51 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BG026379.D

Acq: 22 Mar 2017 17:21

Instrument :

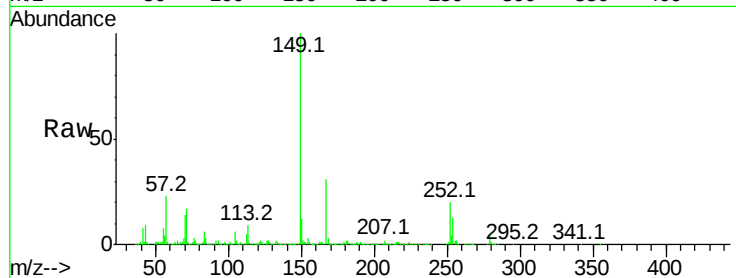
BNA_G

ClientSampleId :

PB97738BS

Tot Ion:149 Resp: 1239131

Ion	Ratio	Lower	Upper
149	100		
167	30.9	23.7	35.5
279	5.3	4.6	6.8

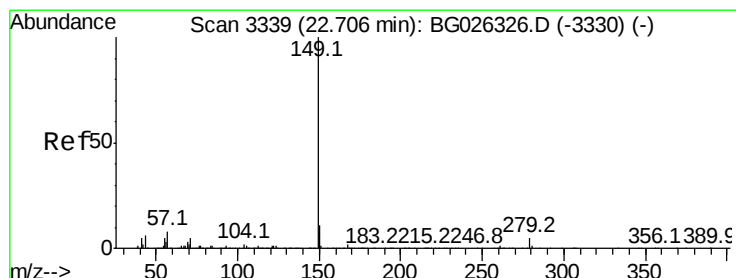
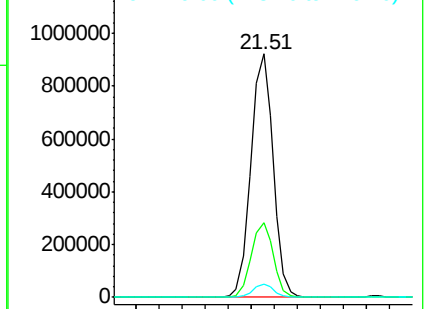
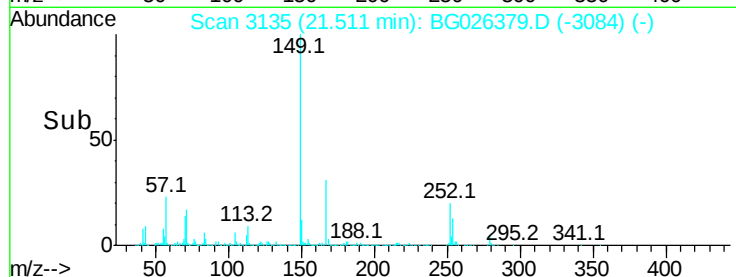


Abundance

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: 40.13 ng

RT: 22.70 min Scan# 3337

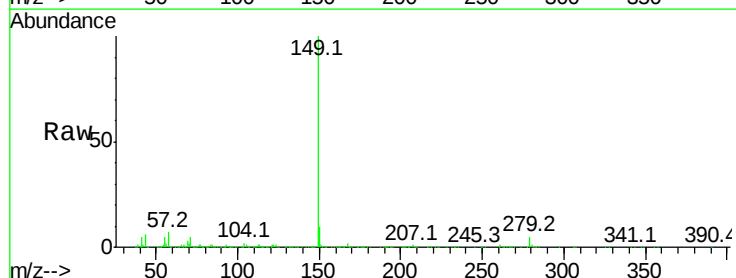
Delta R.T. -0.01 min

Lab File: BG026379.D

Acq: 22 Mar 2017 17:21

Tgt Ion:149 Resp: 2139745

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	5.6	11.8	17.6#

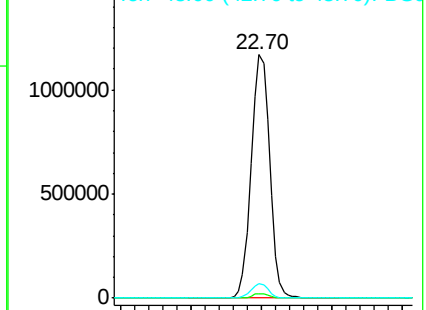
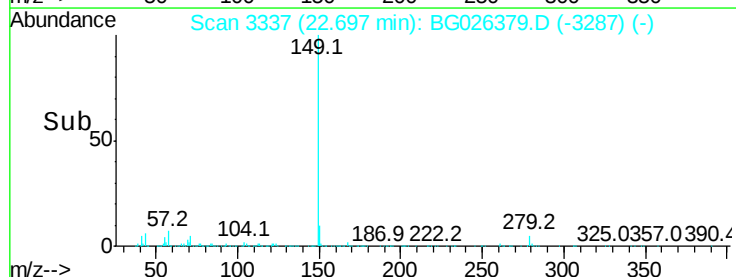


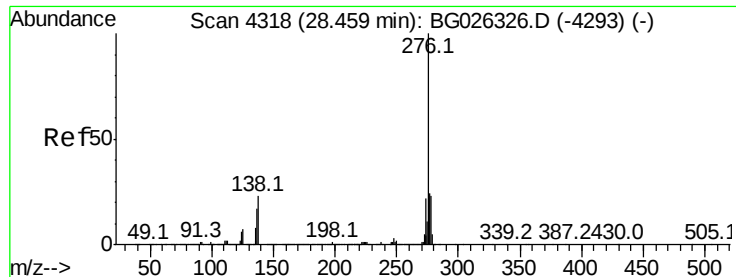
Abundance

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): BG0





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.13 ng

RT: 28.44 min Scan# 4314

Delta R.T. -0.02 min

Lab File: BG026379.D

Acq: 22 Mar 2017 17:21

Instrument :

BNA_G

ClientSampleId :

PB97738BS

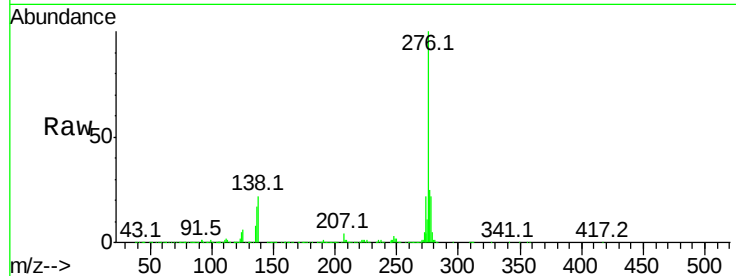
Tot Ion:276 Resp: 2437804

Ion Ratio Lower Upper

276 100

138 27.0 4.7 7.1#

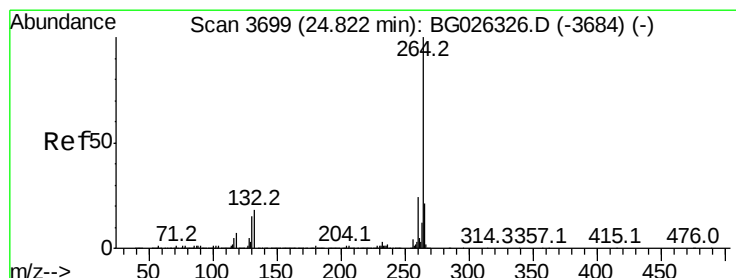
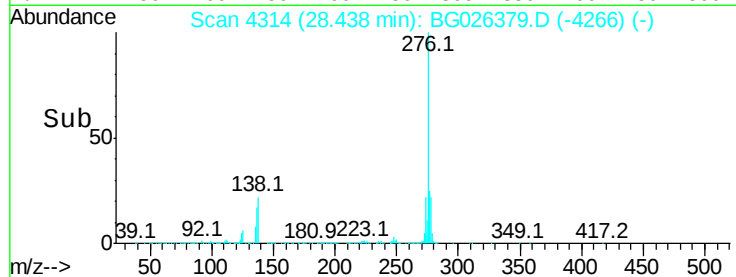
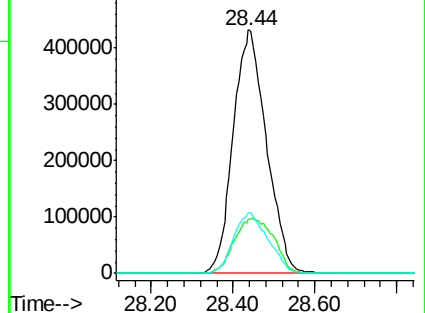
277 26.1 20.6 31.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.81 min Scan# 3697

Delta R.T. -0.01 min

Lab File: BG026379.D

Acq: 22 Mar 2017 17:21

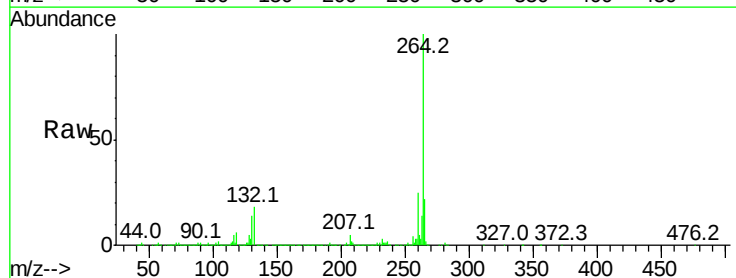
Tgt Ion:264 Resp: 897170

Ion Ratio Lower Upper

264 100

260 24.7 21.8 32.8

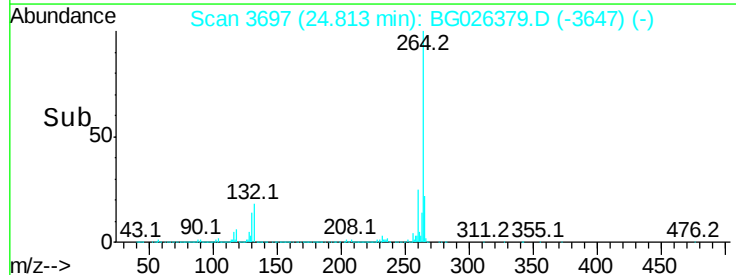
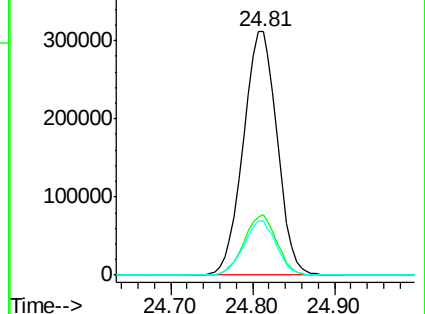
265 22.1 18.2 27.4

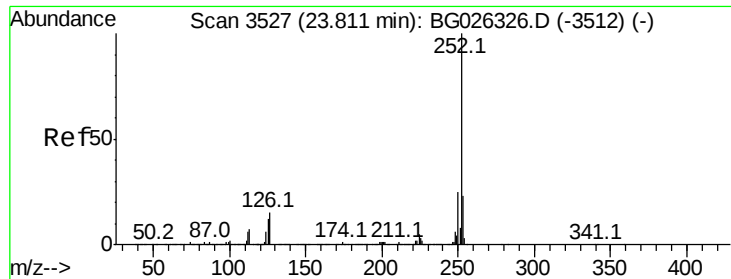


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 38.29 ng

RT: 23.80 min Scan# 3525

Delta R.T. -0.01 min

Lab File: BG026379.D

Acq: 22 Mar 2017 17:21

Instrument :

BNA_G

ClientSampleId :

PB97738BS

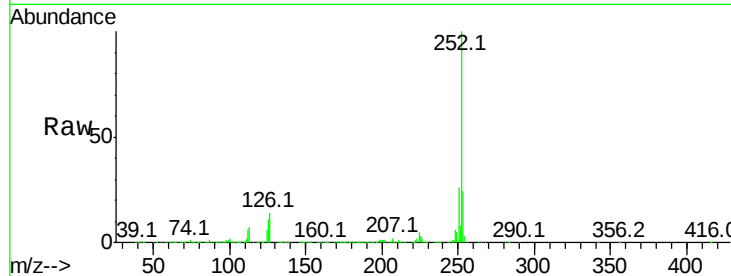
Tot Ion:252 Resp: 2025080

Ion Ratio Lower Upper

252 100

253 24.2 18.7 28.1

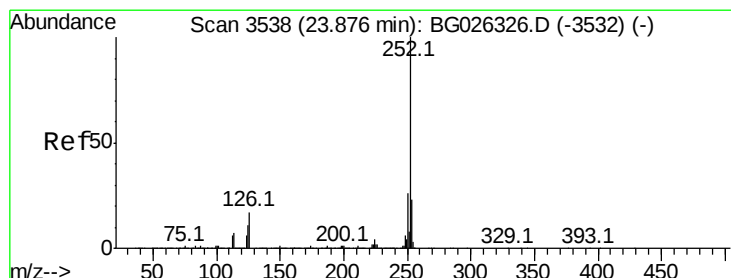
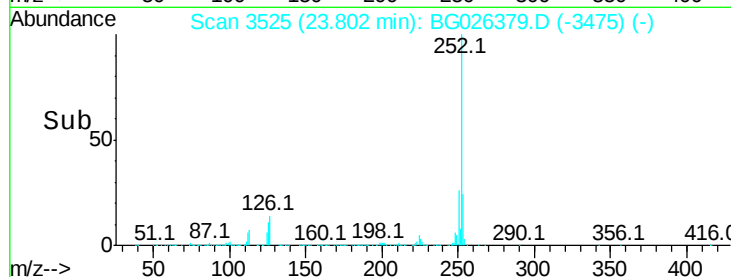
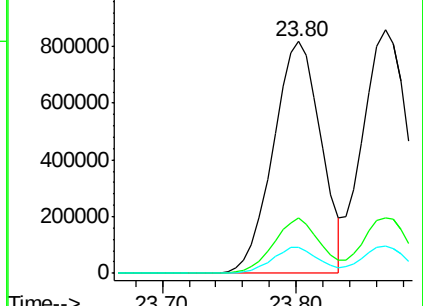
125 11.4 5.3 7.9#



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: 39.55 ng

RT: 23.87 min Scan# 3536

Delta R.T. -0.01 min

Lab File: BG026379.D

Acq: 22 Mar 2017 17:21

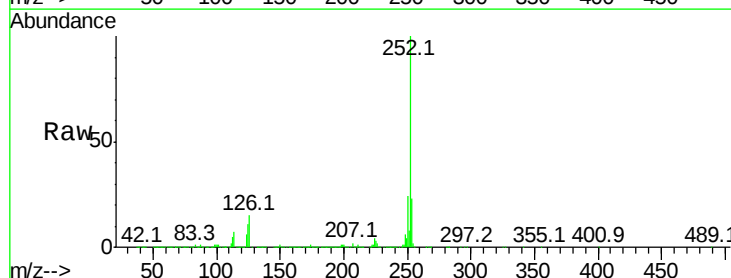
Tgt Ion:252 Resp: 2028435

Ion Ratio Lower Upper

252 100

253 23.0 20.2 30.2

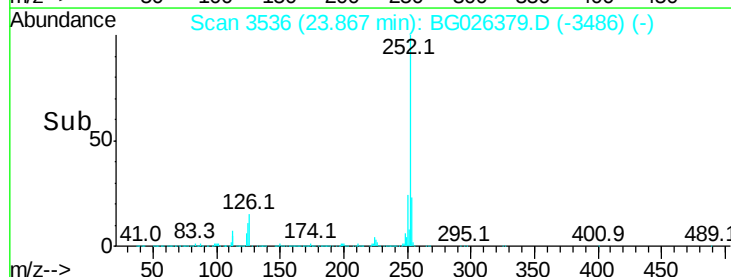
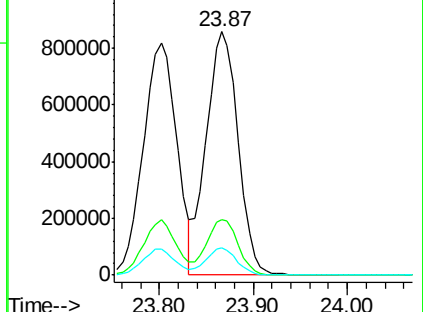
125 11.3 5.1 7.7#

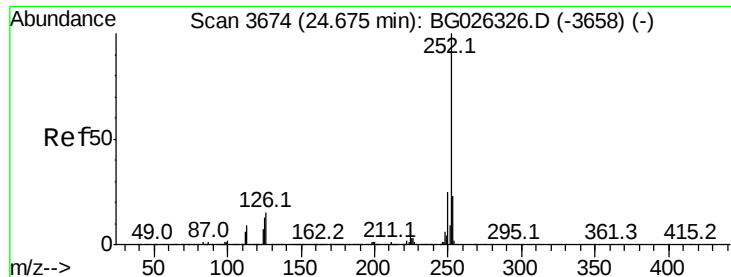


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.46 ng

RT: 24.66 min Scan# 3671

Delta R.T. -0.02 min

Lab File: BG026379.D

Acq: 22 Mar 2017 17:21

Instrument :

BNA_G

ClientSampleId :

PB97738BS

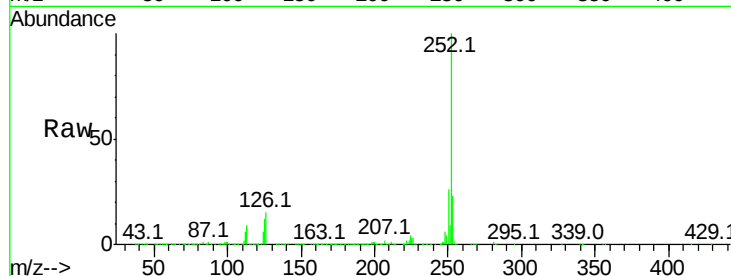
Tot Ion:252 Resp: 2001591

Ion Ratio Lower Upper

252 100

253 23.0 19.2 28.8

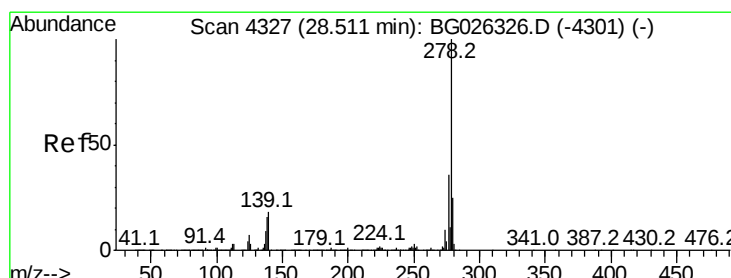
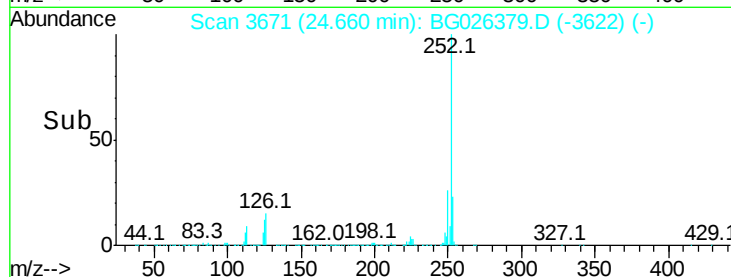
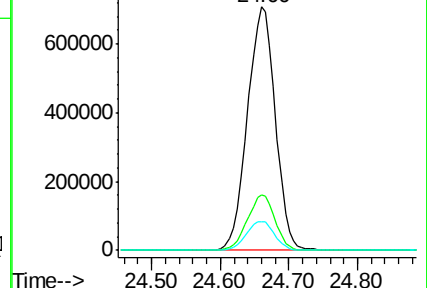
125 11.9 5.4 8.0#



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: 39.69 ng

RT: 28.49 min Scan# 4323

Delta R.T. -0.02 min

Lab File: BG026379.D

Acq: 22 Mar 2017 17:21

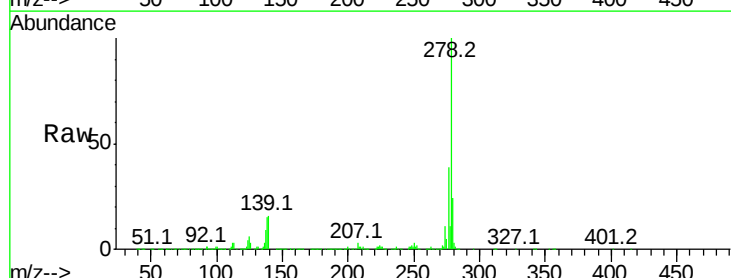
Tgt Ion:278 Resp: 2034563

Ion Ratio Lower Upper

278 100

139 16.5 7.7 11.5#

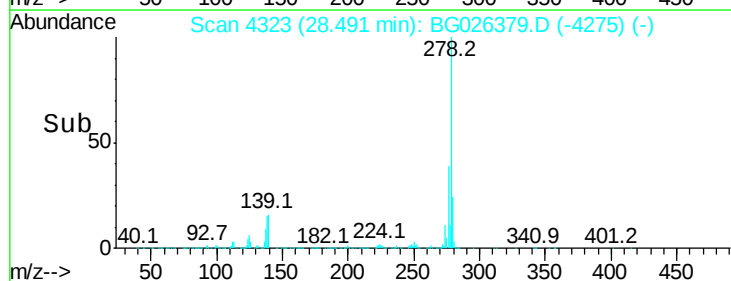
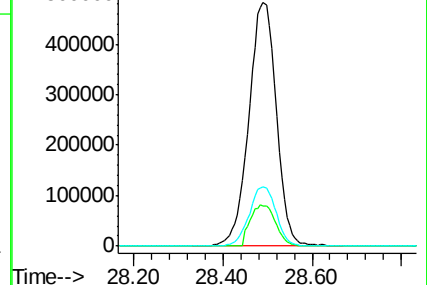
279 24.4 19.1 28.7

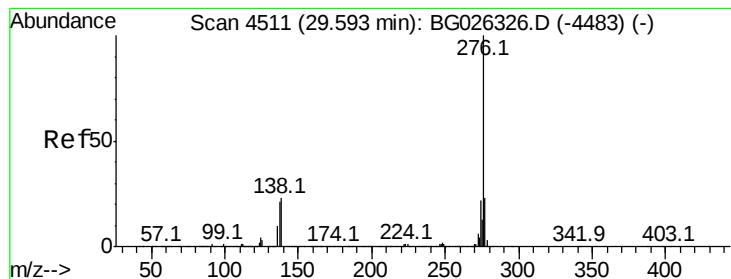


Abundance Ion 278.00 (277.70 to 278.70): E

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: 39.06 ng
 RT: 29.57 min Scan# 4507
 Delta R.T. -0.02 min
 Lab File: BG026379.D
 Acq: 22 Mar 2017 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB97738BS

Tot Ion:276 Resp: 2017527
 Ion Ratio Lower Upper
 276 100
 277 24.4 18.6 27.8
 138 24.1 8.1 12.1#

