

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032517\
 Data File : BG026422.D
 Acq On : 24 Mar 2017 19:50
 Operator : SJ/MA
 Sample : PB97800BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB97800BS

Quant Time: Mar 24 23:10:26 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	138364	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	590878	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	364801	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	902677	20.00	ng	0.00
75) Chrysene-d12	21.63	240	1016718	20.00	ng	0.00
86) Perylene-d12	24.81	264	1021655	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	1138876	146.09	ng	0.00
7) Phenol-d6	7.21	99	1486699	142.05	ng	0.00
23) Nitrobenzene-d5	9.20	82	774891	78.85	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	693206	165.93	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	2229335	85.70	ng	0.00
78) Terphenyl-d14	19.98	244	3274222	78.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	112330	32.10	ng	# 69
3) Pyridine	3.90	79	300897	31.40	ng	# 59
4) n-Nitrosodimethylamine	3.81	42	100573	38.40	ng	# 1
6) Aniline	7.37	93	261939	18.74	ng	# 87
8) 2-Chlorophenol	7.61	128	428022	48.76	ng	# 78
9) Benzaldehyde	7.18	77	101966	14.43	ng	# 66
10) Phenol	7.24	94	525577	47.06	ng	# 69
11) bis(2-Chloroethyl)ether	7.46	93	374232	40.86	ng	# 79
12) 1,3-Dichlorobenzene	7.93	146	456447	43.68	ng	# 86
13) 1,4-Dichlorobenzene	8.08	146	460653	43.58	ng	# 94
14) 1,2-Dichlorobenzene	8.40	146	445215	44.01	ng	# 90
15) Benzyl Alcohol	8.28	79	310711	45.28	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	8.58	45	349290	34.34	ng	# 78
17) 2-Methylphenol	8.48	107	365968	46.14	ng	# 81
18) Hexachloroethane	9.12	117	143182	41.42	ng	# 95
19) n-Nitroso-di-n-propylamine	8.84	70	270513	40.21	ng	# 70
20) 3+4-Methylphenols	8.81	107	510596	46.76	ng	# 84
22) Acetophenone	8.86	105	590163	43.43	ng	# 73
24) Nitrobenzene	9.24	77	389859	40.18	ng	# 69
25) Isophorone	9.77	82	782986	42.27	ng	# 87
26) 2-Nitrophenol	9.96	139	244013	48.33	ng	# 61
27) 2,4-Dimethylphenol	10.01	122	419474	50.62	ng	# 84
28) bis(2-Chloroethoxy)methane	10.24	93	515253	42.82	ng	# 98
29) 2,4-Dichlorophenol	10.49	162	447357	53.38	ng	# 93
30) 1,2,4-Trichlorobenzene	10.71	180	440786	46.82	ng	# 97
31) Naphthalene	10.89	128	1284985	43.01	ng	# 100
32) Benzoic acid	10.16	122	324327	50.86	ng	# 71
33) 4-Chloroaniline	11.00	127	62994	5.18	ng	# 81
34) Hexachlorobutadiene	11.18	225	252380	45.44	ng	# 97
35) Caprolactam	11.76	113	83251	25.21	ng	# 47
36) 4-Chloro-3-methylphenol	12.12	107	451735	50.39	ng	# 76
37) 2-Methylnaphthalene	12.49	142	1000834	45.73	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	484065	44.10	ng	# 98
40) Hexachlorocyclopentadiene	12.84	237	550097	95.21	ng	# 95

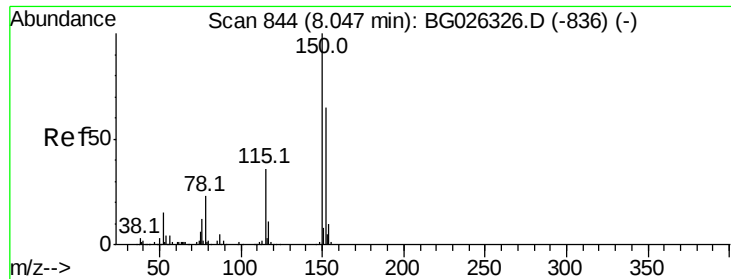
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	366208	50.96	nq	96
43) 2,4,5-Trichlorophenol	13.17	196	391002	49.22	nq	# 91
45) 1,1'-Biphenyl	13.49	154	1316988	43.59	nq	99
46) 2-Chloronaphthalene	13.54	162	986900	44.73	nq	96
47) 2-Nitroaniline	13.73	65	257143	40.98	nq	# 52
48) Acenaphthylene	14.38	152	1647933	42.84	nq	99
49) Dimethylphthalate	14.10	163	1313796	47.71	nq	98
50) 2,6-Dinitrotoluene	14.22	165	315004	49.02	nq	# 57
51) Acenaphthene	14.72	154	1040741	43.94	nq	98
52) 3-Nitroaniline	14.55	138	84008	11.87	nq	# 67
53) 2,4-Dinitrophenol	14.77	184	414425	111.17	nq	# 72
54) Dibenzofuran	15.05	168	1613089	48.37	nq	# 89
55) 4-Nitrophenol	14.87	139	582349	100.50	nq	# 39
56) 2,4-Dinitrotoluene	15.01	165	458859	50.77	nq	# 65
57) Fluorene	15.69	166	1338399	45.10	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	383996	55.43	nq	# 95
59) Diethylphthalate	15.46	149	1320507	46.92	nq	98
60) 4-Chlorophenyl-phenylether	15.68	204	663309	47.16	nq	89
61) 4-Nitroaniline	15.71	138	345748	46.19	nq	# 48
62) Azobenzene	15.98	77	1054597	46.09	nq	77
64) 4,6-Dinitro-2-methylphenol	15.78	198	297302	52.24	nq	83
65) n-Nitrosodiphenylamine	15.89	169	1211269	45.72	nq	98
66) 4-Bromophenyl-phenylether	16.57	248	453028	48.76	nq	93
67) Hexachlorobenzene	16.70	284	475359	47.96	nq	90
68) Atrazine	16.83	200	453723	45.24	nq	96
69) Pentachlorophenol	17.04	266	619448	96.13	nq	97
70) Phenanthrene	17.43	178	2133233	44.01	nq	99
71) Anthracene	17.51	178	2205397	44.59	nq	98
72) Carbazole	17.78	167	2120019	41.63	nq	97
73) Di-n-butylphthalate	18.33	149	2365722	45.22	nq	# 95
74) Fluoranthene	19.42	202	2563316	44.97	nq	96
76) Benzidine	19.60	184	662474	18.90	nq	98
77) Pyrene	19.79	202	2618142	44.47	nq	99
79) Butylbenzylphthalate	20.66	149	1108364	47.05	nq	# 82
80) Benzo(a)anthracene	21.61	228	2540992	44.41	nq	100
81) 3,3'-Dichlorobenzidine	21.52	252	607278	25.93	nq	# 99
82) Chrysene	21.68	228	2328690	42.60	nq	100
83) Bis(2-ethylhexyl)phthalate	21.51	149	1570692	44.15	nq	96
84) Di-n-octyl phthalate	22.70	149	2705601	44.56	nq	# 80
85) Indeno(1,2,3-cd)pyrene	28.44	276	3252563	48.19	nq	# 88
87) Benzo(b)fluoranthene	23.80	252	2735727	45.42	nq	# 94
88) Benzo(k)fluoranthene	23.87	252	2622717	44.91	nq	# 94
89) Benzo(a)pyrene	24.67	252	2636021	45.63	nq	# 96
90) Dibenzo(a,h)anthracene	28.50	278	2720812	46.61	nq	# 93
91) Benzo(g,h,i)perylene	29.58	276	2725040	46.33	nq	# 88

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.00 min

Lab File: BG026422.D

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ClientSampleId :

PB97800BS

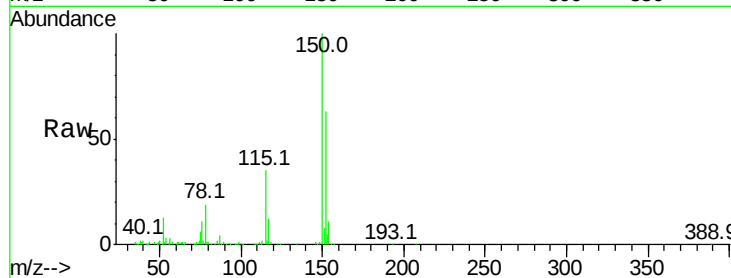
Tot Ion:152 Resp: 138364

Ion Ratio Lower Upper

152 100

150 159.0 114.0 171.0

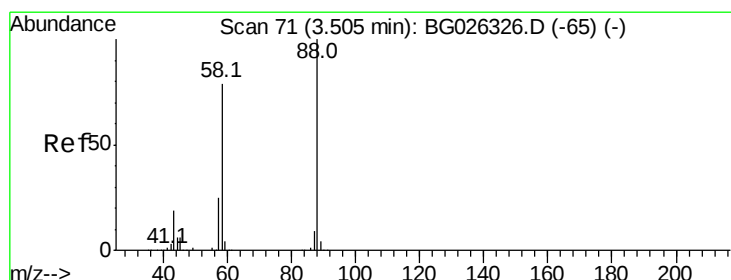
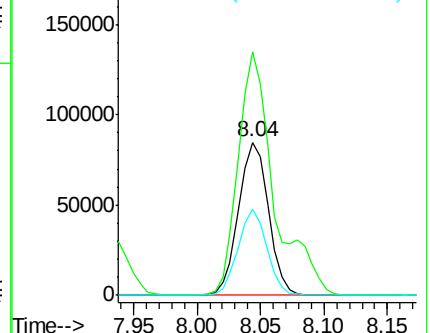
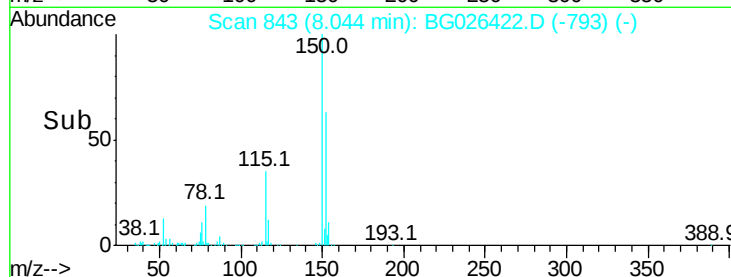
115 56.0 48.1 72.1



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: 32.10 ng

RT: 3.50 min Scan# 70

Delta R.T. -0.00 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

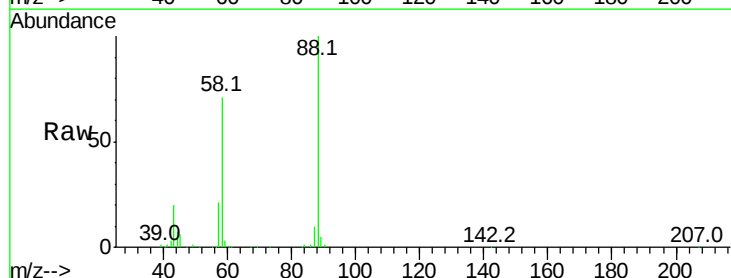
Tgt Ion: 88 Resp: 112330

Ion Ratio Lower Upper

88 100

58 71.5 79.4 119.2#

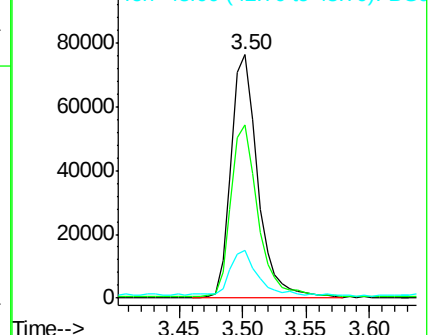
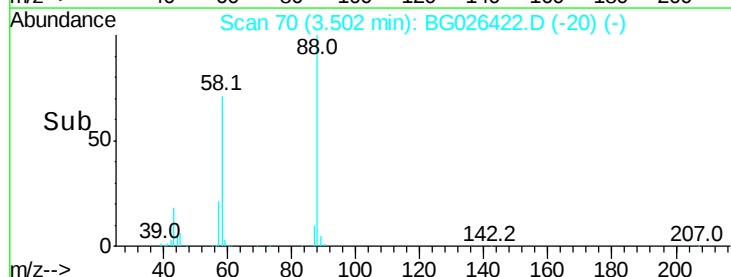
43 18.6 33.8 50.6#



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: 31.40 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.00 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

Instrument :

BNA_G

ClientSampleId :

PB97800BS

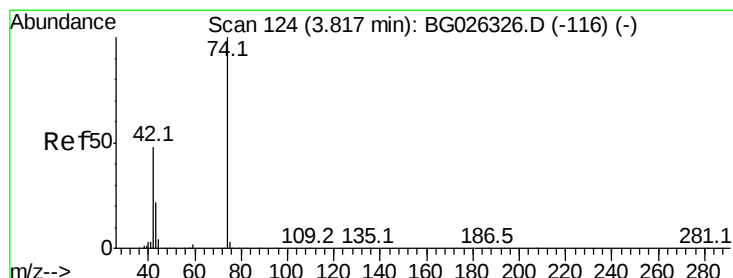
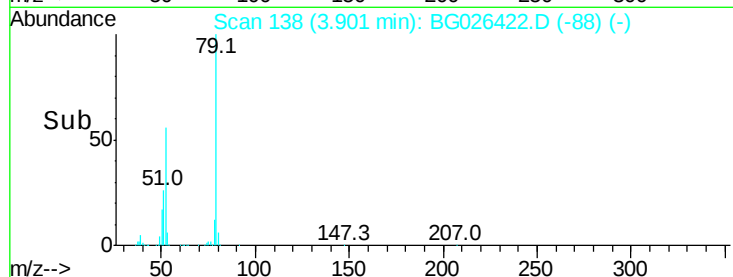
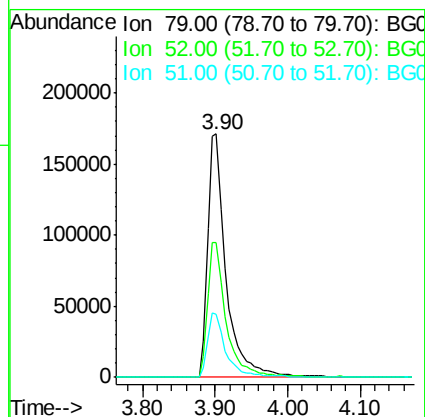
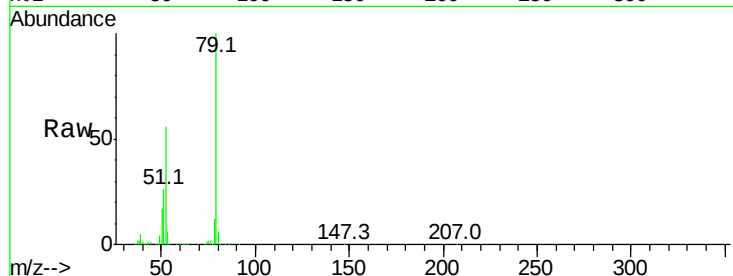
Tot Ion: 79 Resp: 300897

Ion Ratio Lower Upper

79 100

52 55.6 77.8 116.6#

51 26.1 43.2 64.8#



#4

n-Nitrosodimethylamine

Concen: 38.40 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.00 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

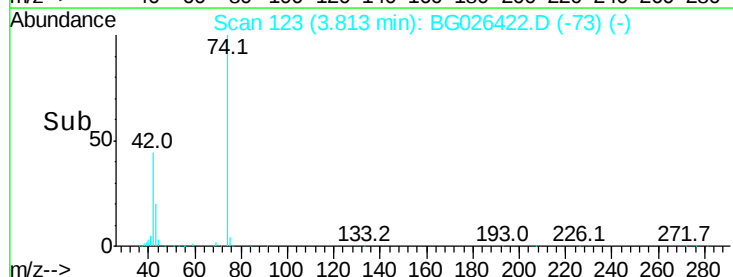
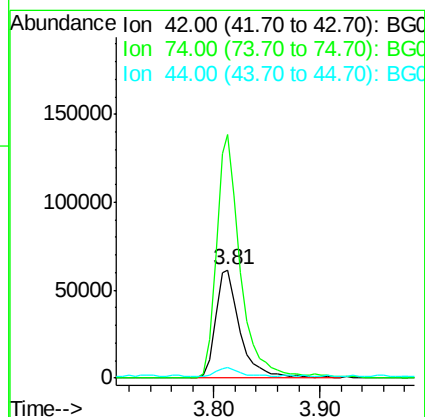
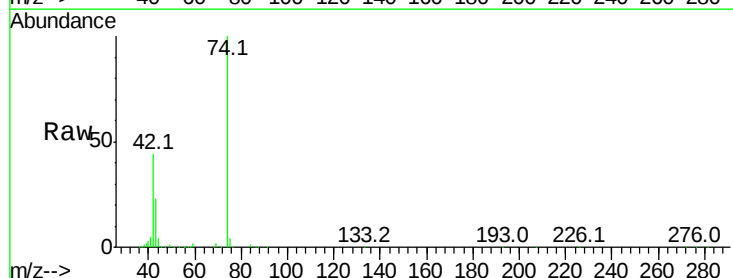
Tgt Ion: 42 Resp: 100573

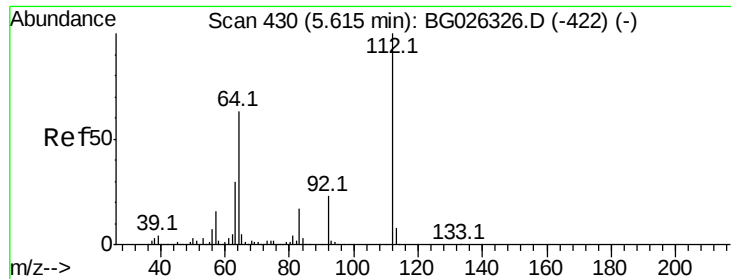
Ion Ratio Lower Upper

42 100

74 224.7 76.7 115.1#

44 9.8 6.1 9.1#





#5

2-Fluorophenol

Concen: 146.09 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

Instrument :

BNA_G

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PB97800BS

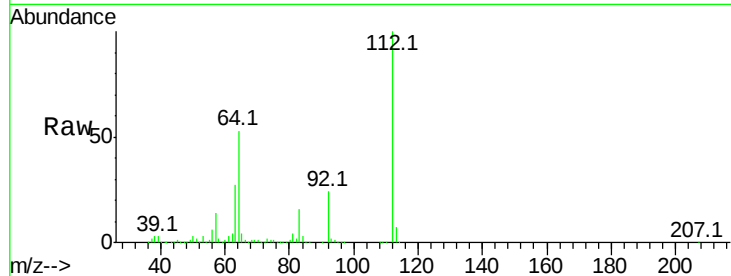
Tot Ion:112 Resp: 1138876

Ion Ratio Lower Upper

112 100

64 53.1 61.8 92.6#

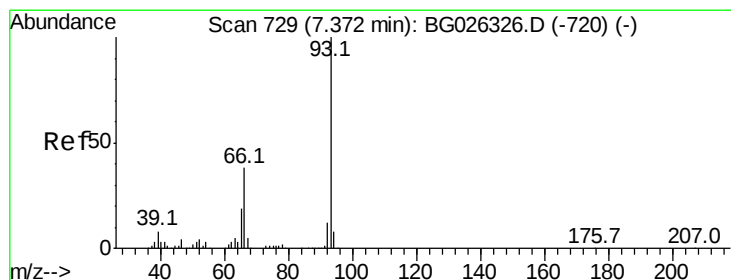
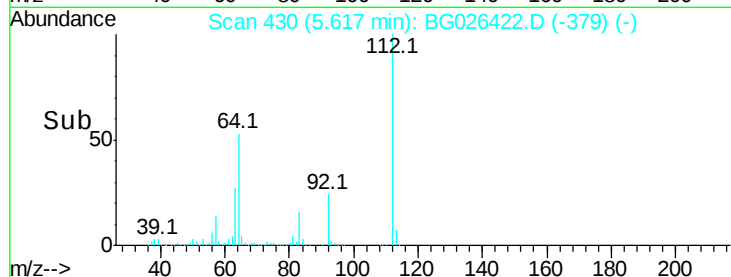
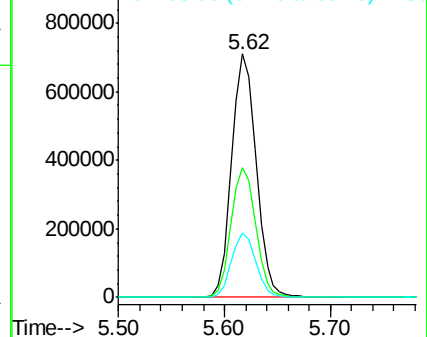
63 26.7 37.2 55.8#



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: 18.74 ng

RT: 7.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

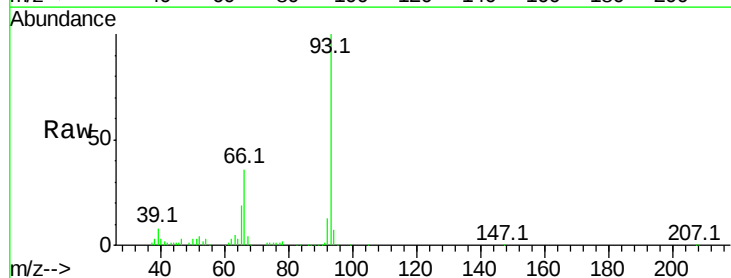
Tgt Ion: 93 Resp: 261939

Ion Ratio Lower Upper

93 100

66 36.3 35.4 53.2

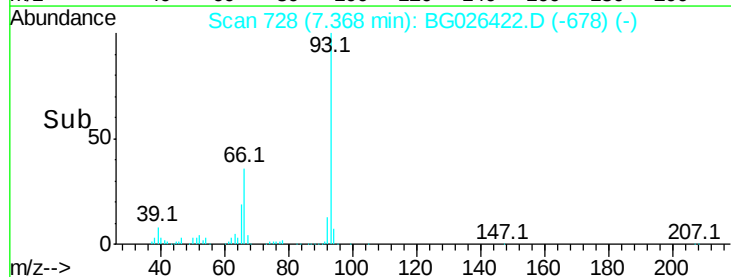
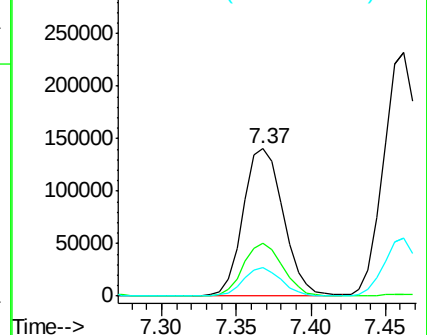
65 19.2 21.2 31.8#

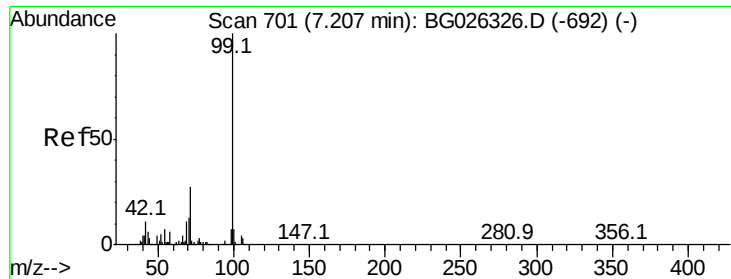


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 142.05 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG026422.D

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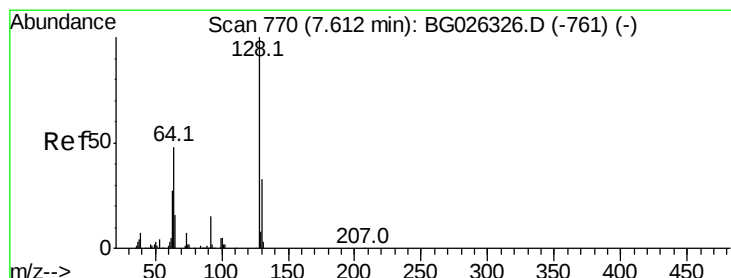
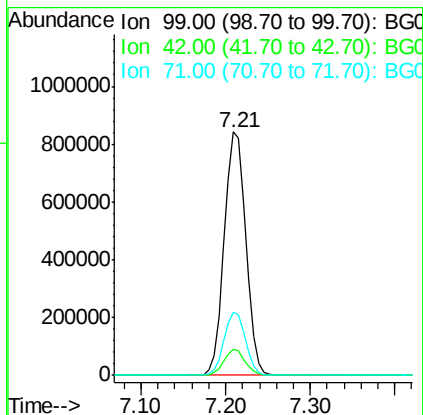
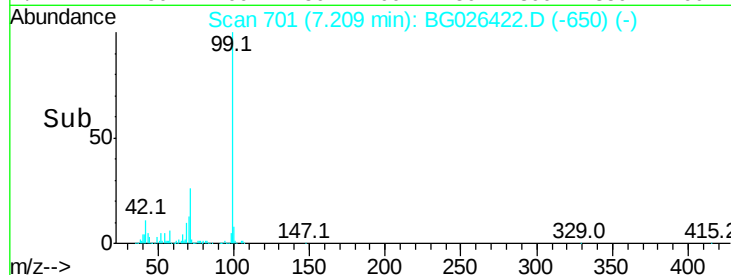
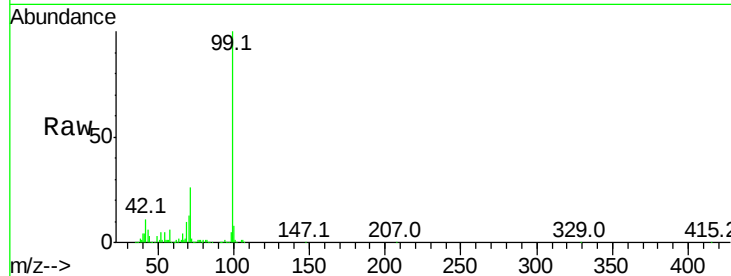
Tot Ion: 99 Resp: 1486699

Ion Ratio Lower Upper

99 100

42 10.6 20.5 30.7#

71 26.2 37.6 56.4#



#8

2-Chlorophenol

Concen: 48.76 ng

RT: 7.61 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

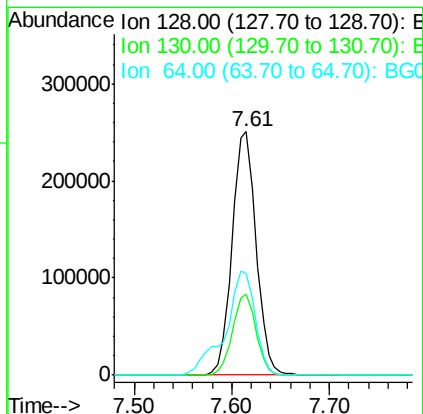
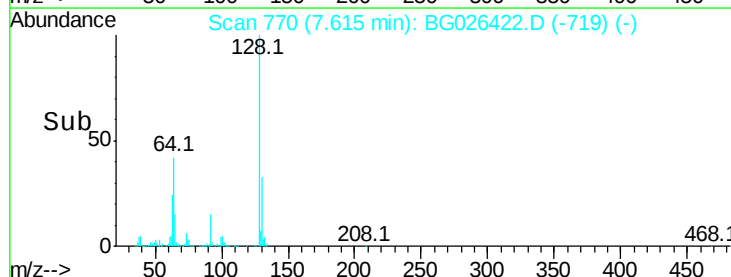
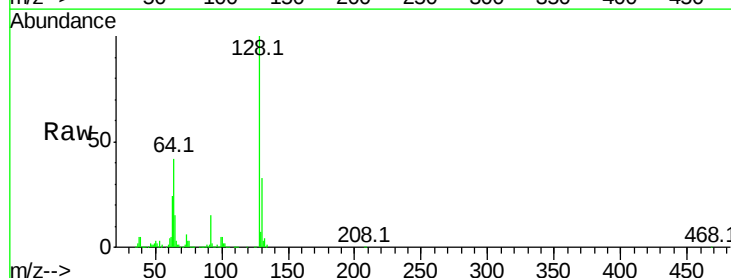
Tgt Ion:128 Resp: 428022

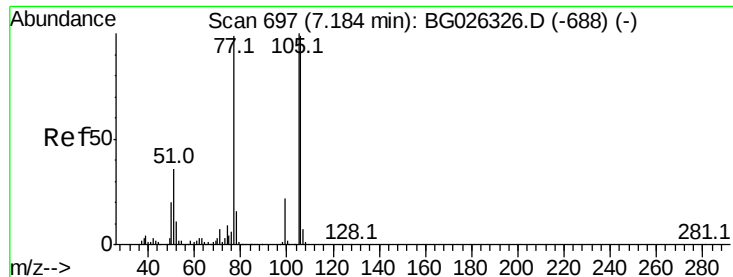
Ion Ratio Lower Upper

128 100

130 33.1 11.4 51.4

64 41.7 46.6 86.6#





#9

Benzaldehyde

Concen: 14.43 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG026422.D

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PB97800BS

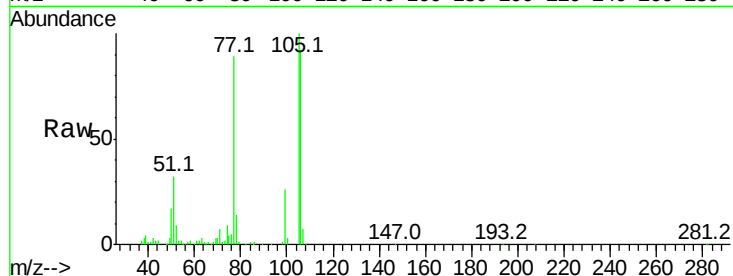
Tot Ion: 77 Resp: 101966

Ion Ratio Lower Upper

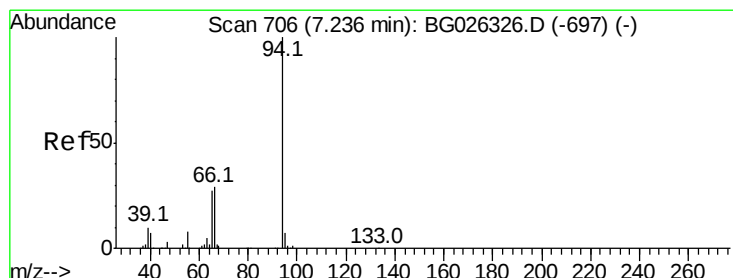
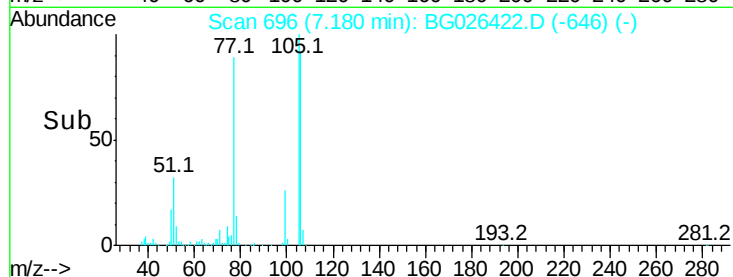
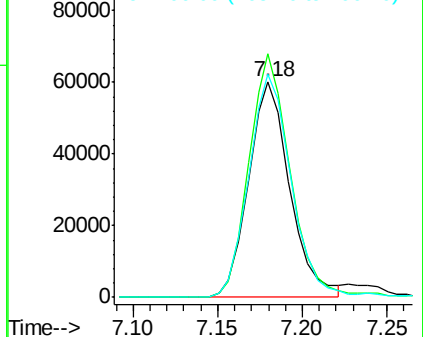
77 100

105 112.7 60.9 100.9#

106 103.1 55.1 95.1#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 47.06 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

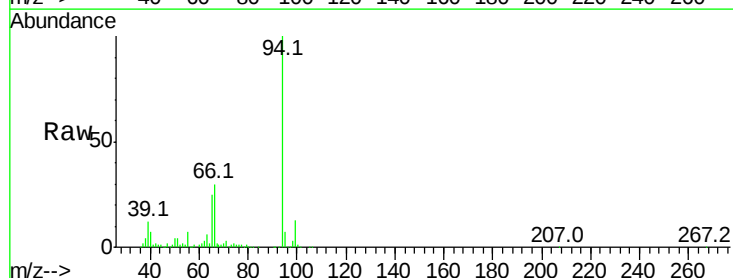
Tgt Ion: 94 Resp: 525577

Ion Ratio Lower Upper

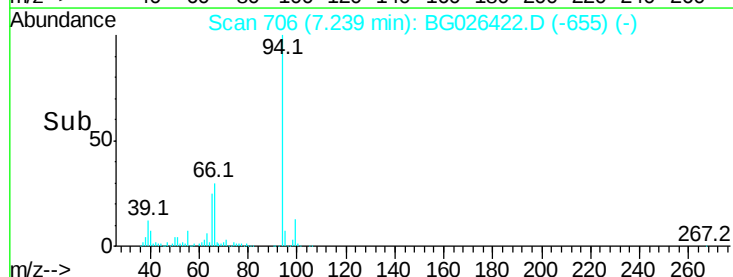
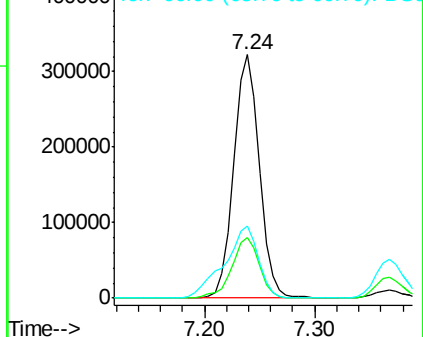
94 100

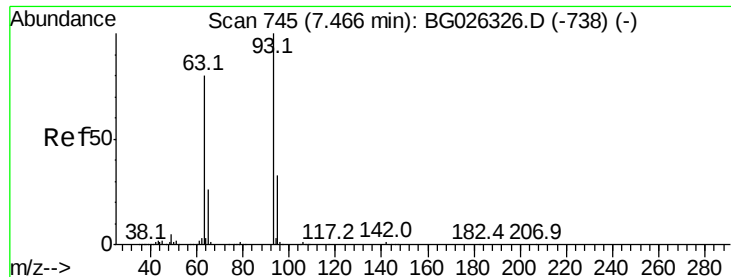
65 24.7 20.6 60.6

66 29.7 35.5 75.5#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 40.86 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

Instrument :

BNA_G

ClientSampleId :

PB97800BS

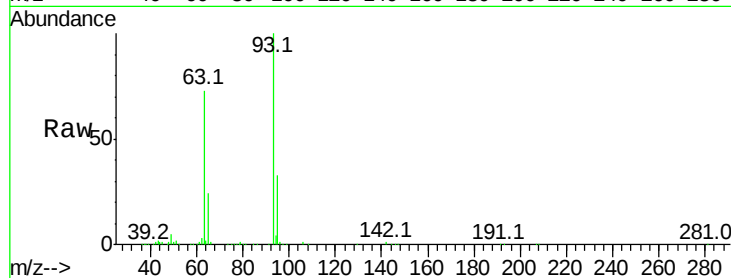
Tot Ion: 93 Resp: 374232

Ion Ratio Lower Upper

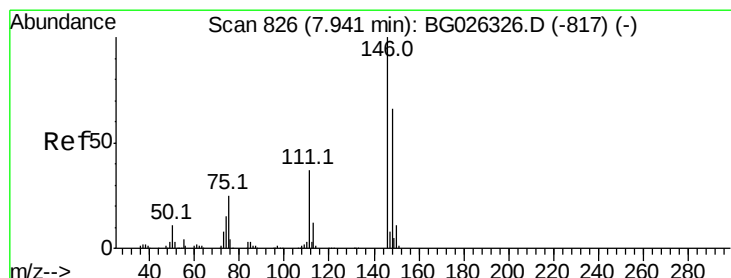
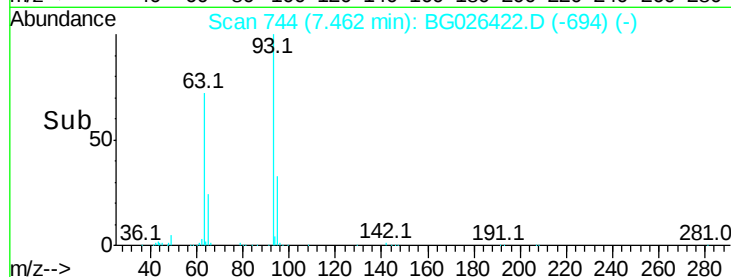
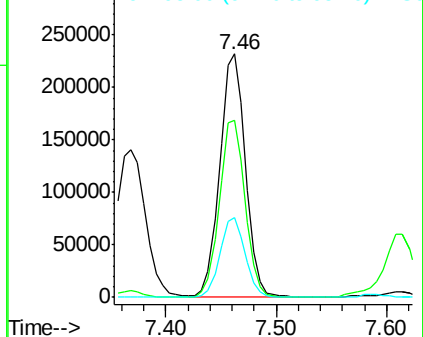
93 100

63 72.7 78.5 118.5#

95 32.9 9.8 49.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 43.68 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

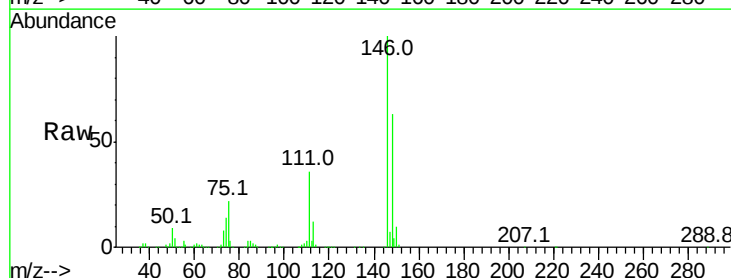
Tgt Ion: 146 Resp: 456447

Ion Ratio Lower Upper

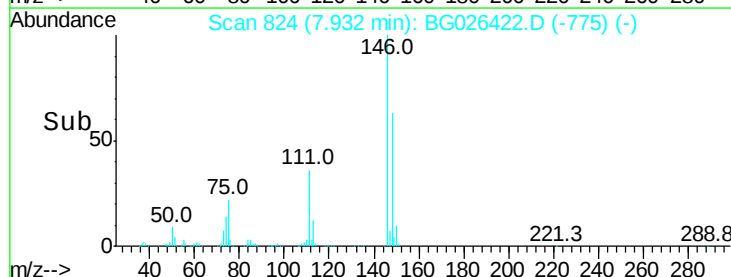
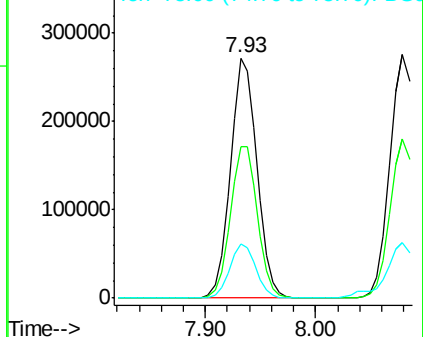
146 100

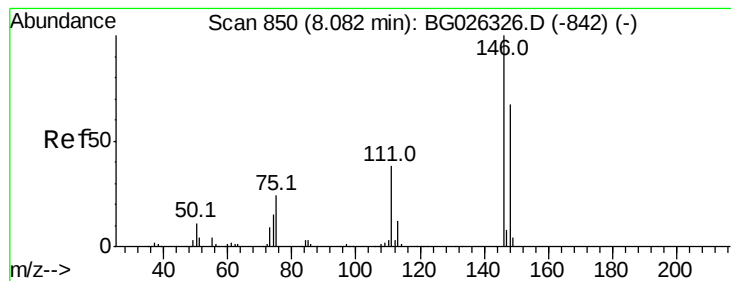
148 62.9 49.2 73.8

75 22.3 33.4 50.2#



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 43.58 ng

RT: 8.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

Instrument :

BNA_G

ClientSampleId :

PB97800BS

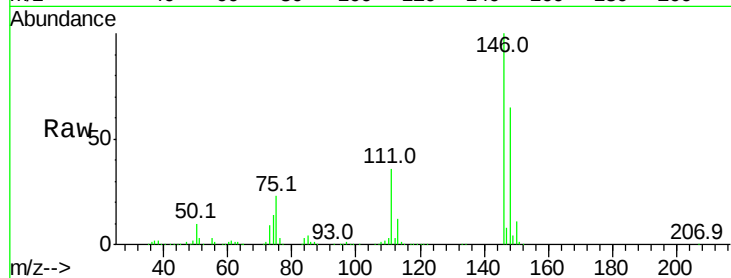
Tot Ion:146 Resp: 460653

Ion Ratio Lower Upper

146 100

148 65.1 52.2 78.2

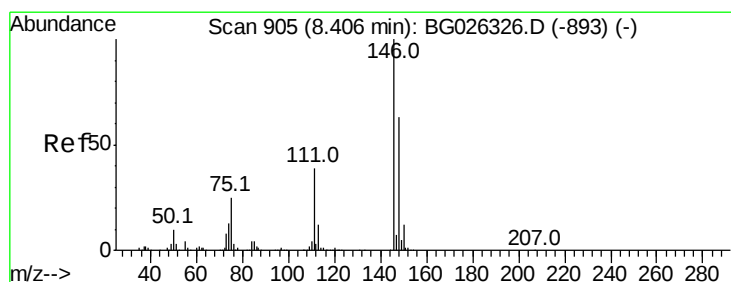
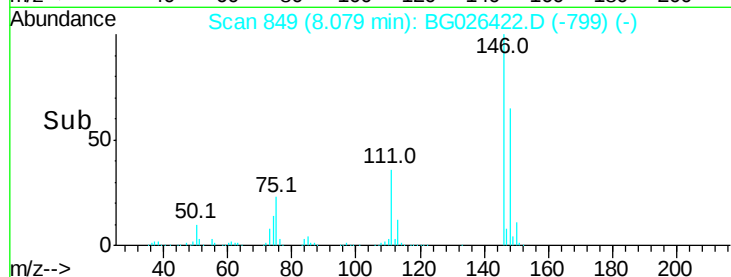
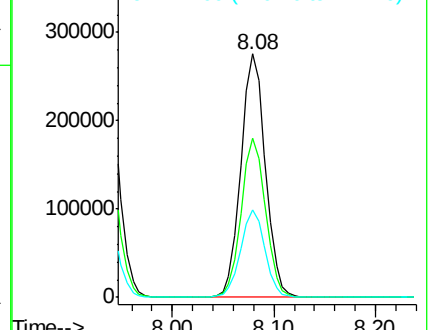
111 36.1 37.0 55.6#



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: 44.01 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

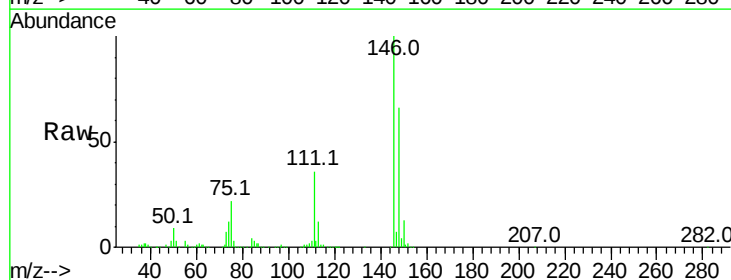
Tgt Ion:146 Resp: 445215

Ion Ratio Lower Upper

146 100

148 65.5 54.6 81.8

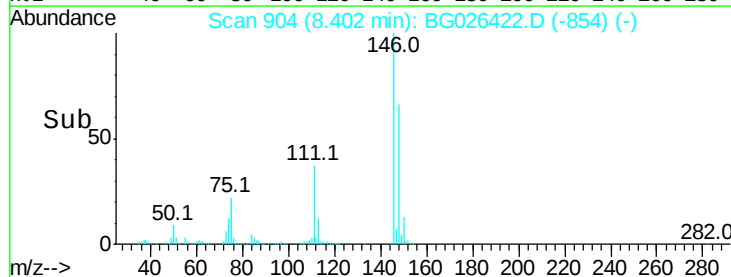
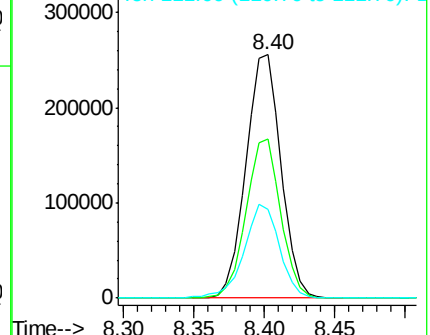
111 36.5 39.7 59.5#



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: 45.28 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

Instrument :

BNA_G

ClientSampleId :

PB97800BS

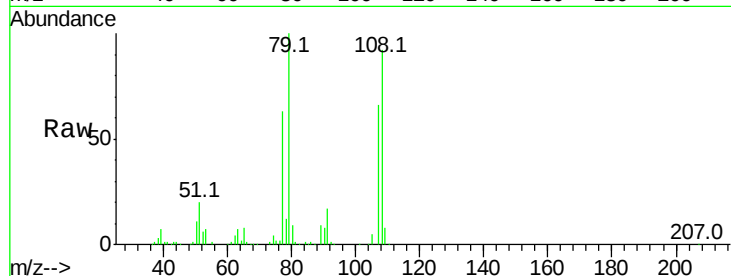
Tot Ion: 79 Resp: 310711

Ion Ratio Lower Upper

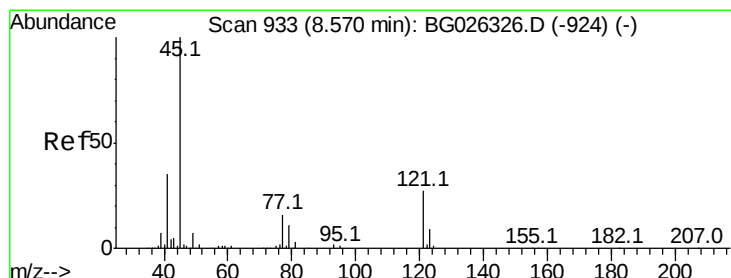
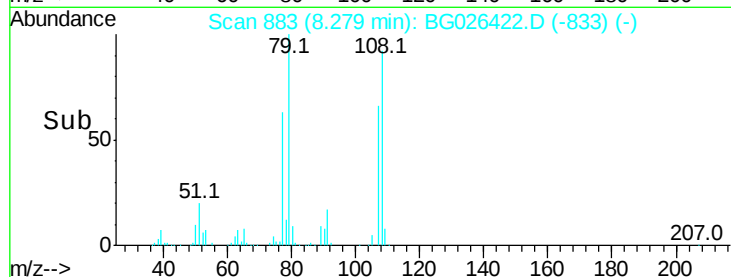
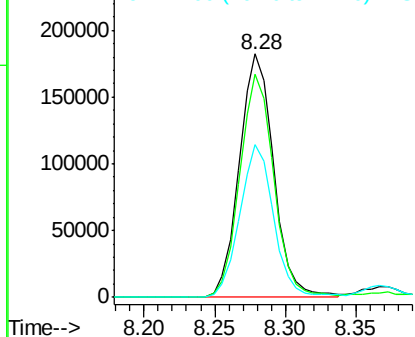
79 100

108 91.7 45.5 68.3#

77 62.8 54.3 81.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.34 ng

RT: 8.58 min Scan# 934

Delta R.T. 0.01 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

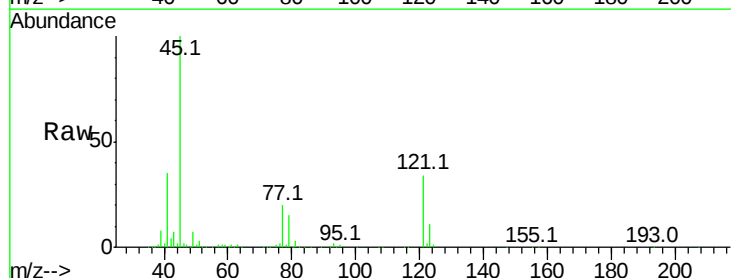
Tgt Ion: 45 Resp: 349290

Ion Ratio Lower Upper

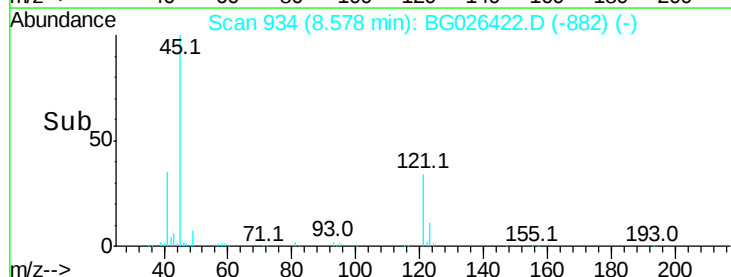
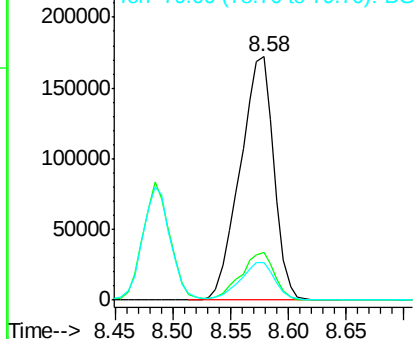
45 100

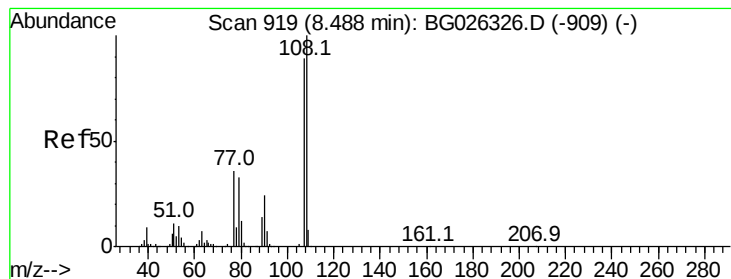
77 19.5 0.0 30.6

79 15.2 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: 46.14 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

Instrument :

BNA_G

ClientSampleId :

PB97800BS

Tot Ion:107 Resp: 365968

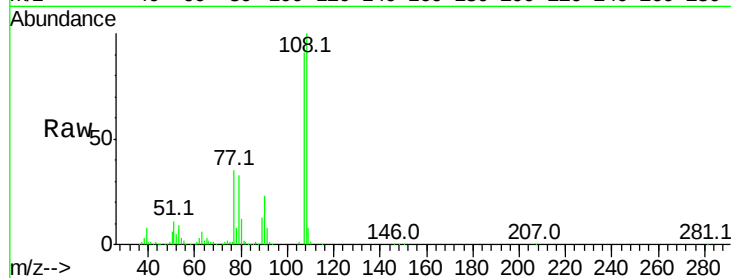
Ion Ratio Lower Upper

107 100

108 110.5 85.6 128.4

77 38.6 51.4 77.2#

79 36.9 49.2 73.8#

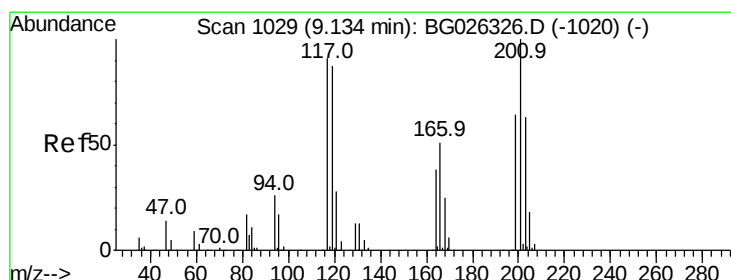
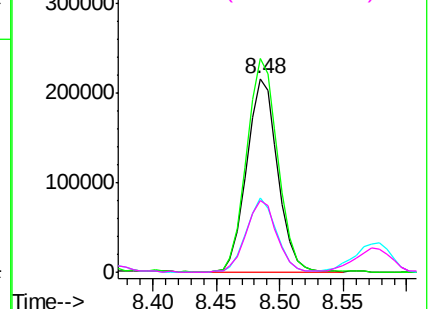
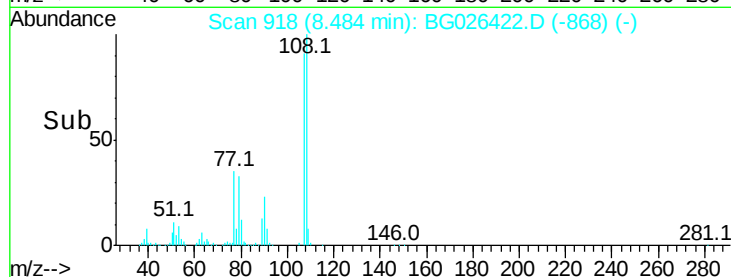


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.42 ng

RT: 9.12 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

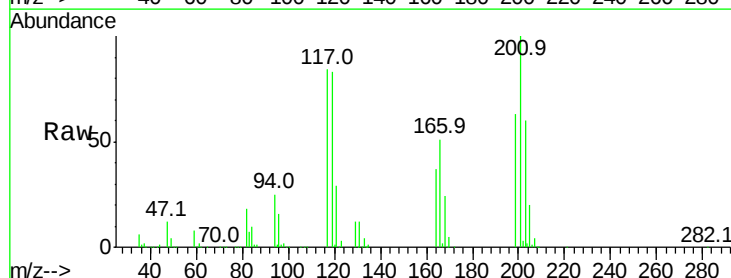
Tgt Ion:117 Resp: 143182

Ion Ratio Lower Upper

117 100

119 98.9 69.8 104.6

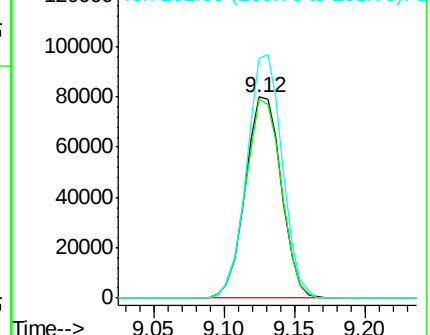
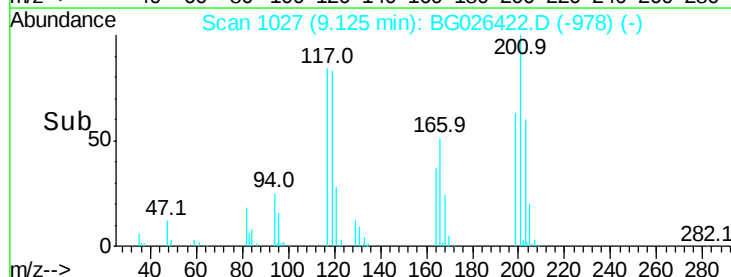
201 119.1 95.4 143.0

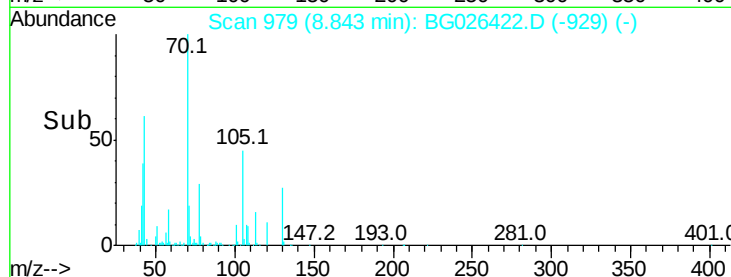
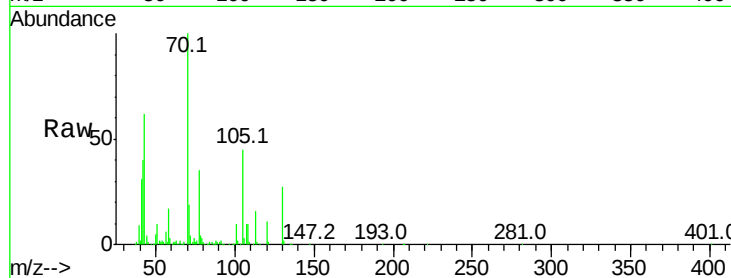
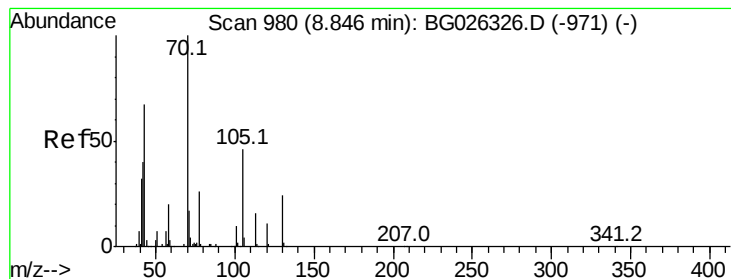


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 40.21 ng

RT: 8.84 min Scan# 979

Delta R.T. -0.00 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

Instrument :

BNA_G

ClientSampleId :

PB97800BS

Tot Ion: 70 Resp: 270513

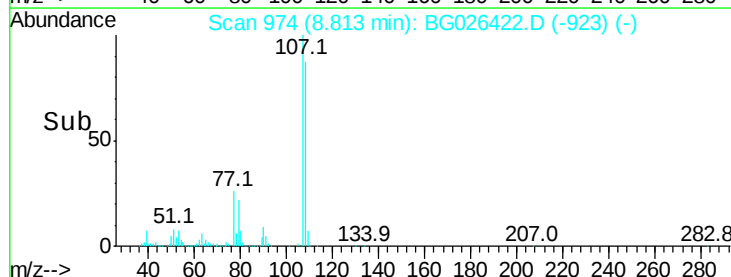
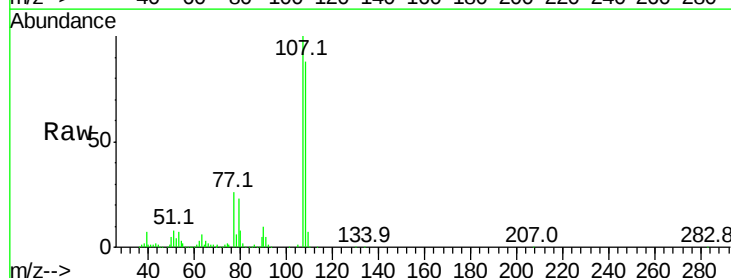
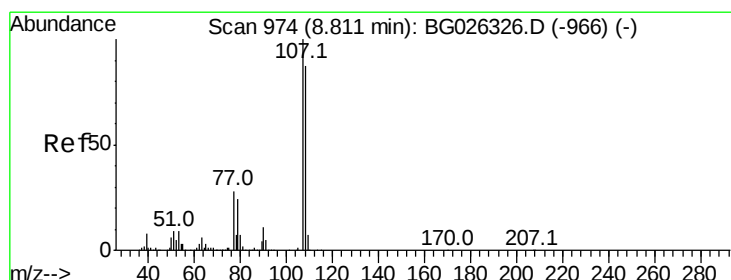
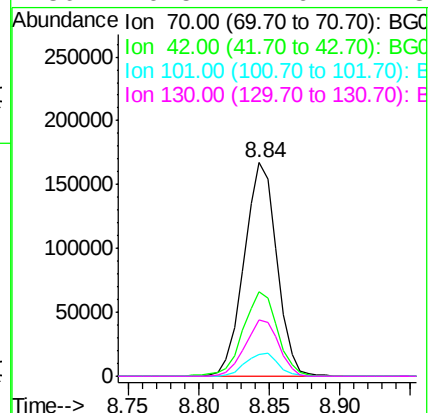
Ion Ratio Lower Upper

70 100

42 39.8 56.1 84.1#

101 10.4 7.5 11.3

130 26.5 14.6 21.8#



#20

3+4-Methylphenols

Concen: 46.76 ng

RT: 8.81 min Scan# 974

Delta R.T. 0.00 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

Tgt Ion: 107 Resp: 510596

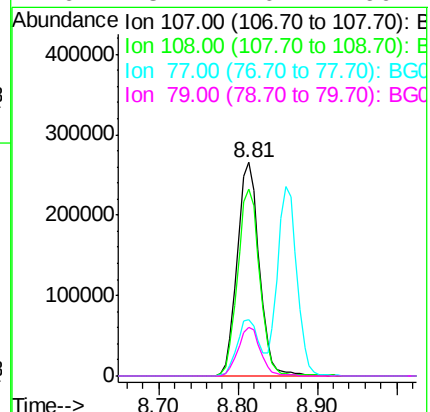
Ion Ratio Lower Upper

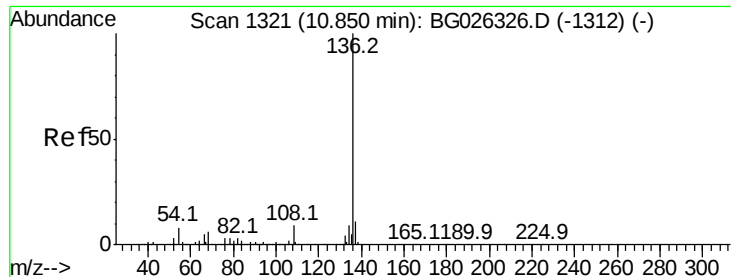
107 100

108 87.8 70.8 110.8

77 26.3 25.8 65.8

79 23.1 20.1 60.1

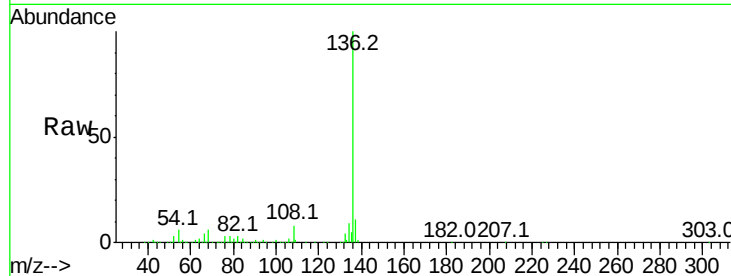




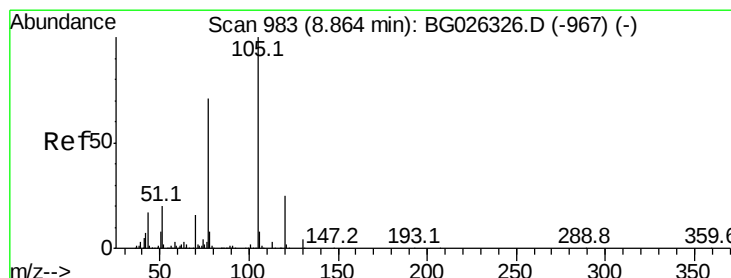
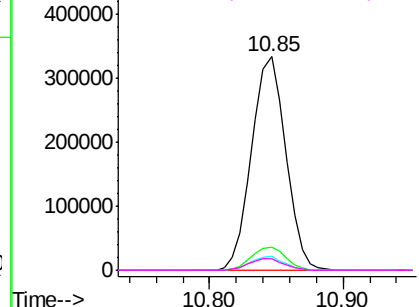
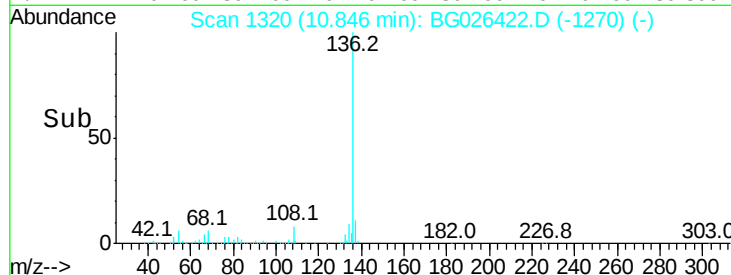
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

Instrument :
BNA_G
ClientSampleId :
PB97800BS

Tot Ion:136	Resp:	590878
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	6.4	9.3 13.9#
68	5.6	5.1 7.7

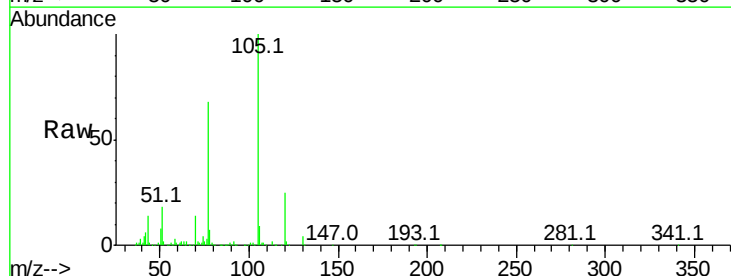


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

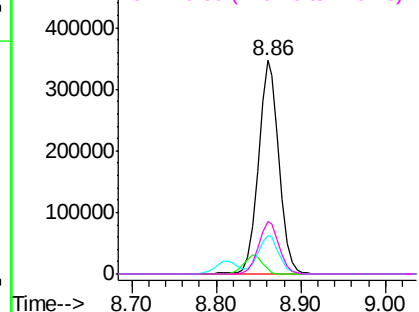
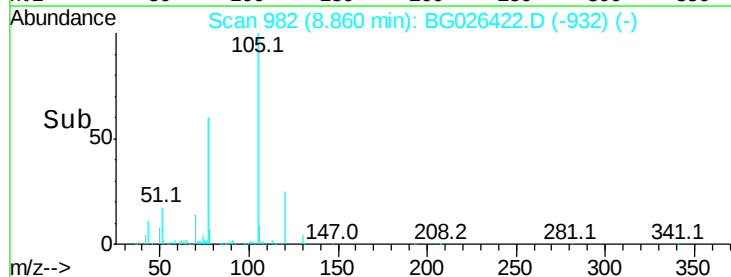


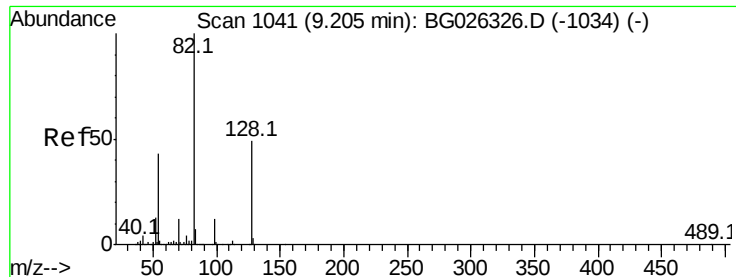
#22
Acetophenone
Concen: 43.43 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

Tgt Ion:105	Resp:	590163
Ion Ratio	Lower	Upper
105	100	
71	2.2	0.9 1.3#
51	17.9	34.0 51.0#
120	24.8	17.3 25.9



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

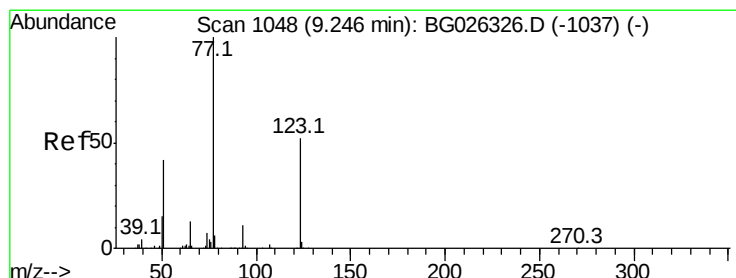
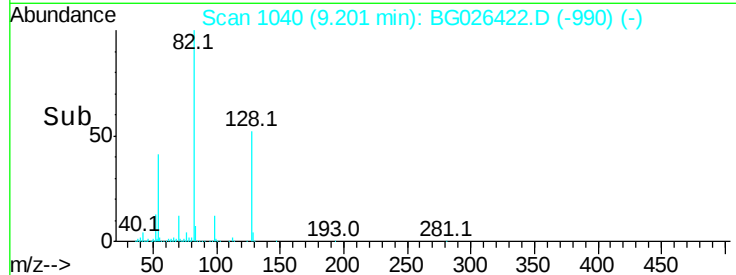
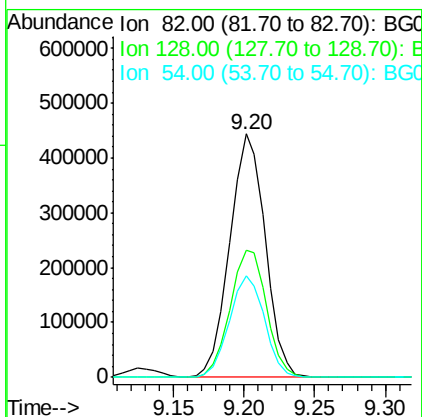
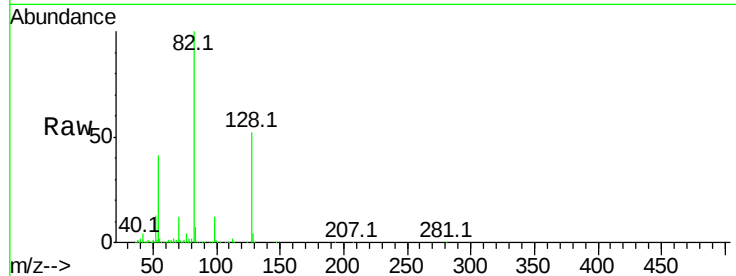




#23
 Nitrobenzene-d5
 Concen: 78.85 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG026422.D
 Acq: 24 Mar 2017 19:50

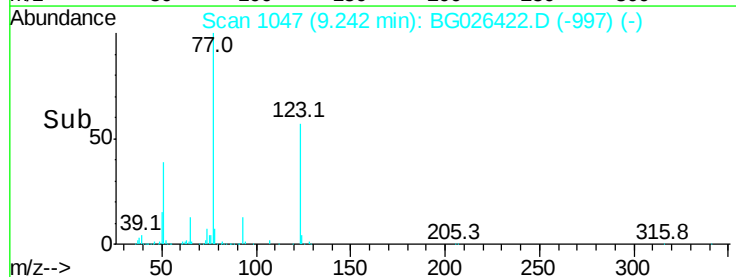
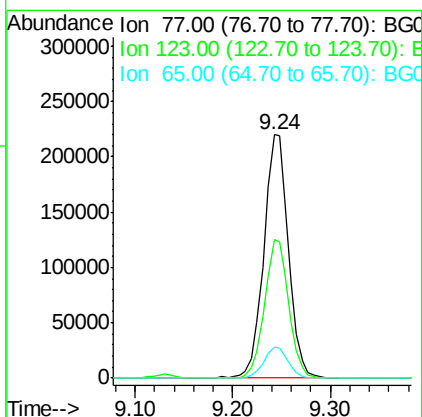
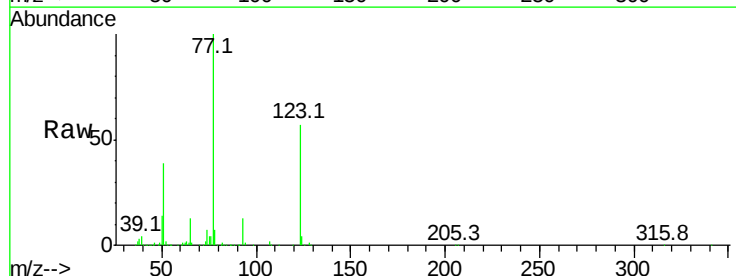
Instrument :
 BNA_G
 ClientSampleId :
 PB97800BS

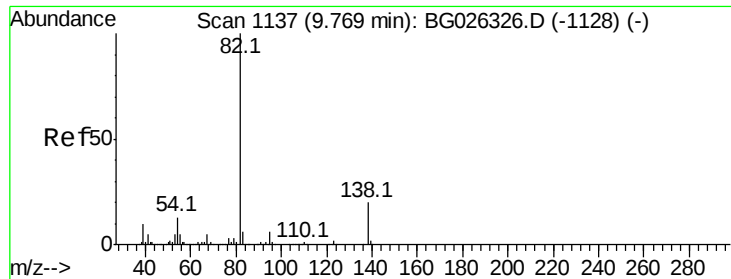
Tot Ion: 82 Resp: 774891
 Ion Ratio Lower Upper
 82 100
 128 52.3 26.4 39.6#
 54 41.5 49.4 74.2#



#24
 Nitrobenzene
 Concen: 40.18 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG026422.D
 Acq: 24 Mar 2017 19:50

Tgt Ion: 77 Resp: 389859
 Ion Ratio Lower Upper
 77 100
 123 56.7 26.1 39.1#
 65 12.9 12.4 18.6





#25

Isophorone

Concen: 42.27 ng

RT: 9.77 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

Instrument :

BNA_G

ClientSampleId :

PB97800BS

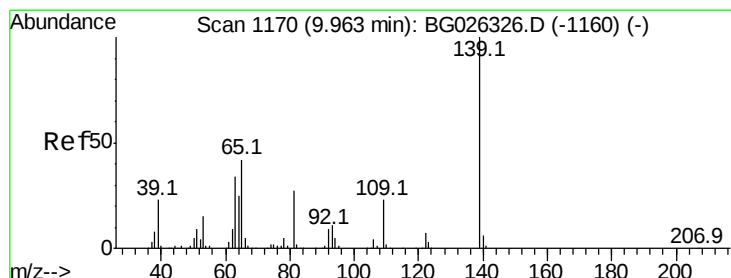
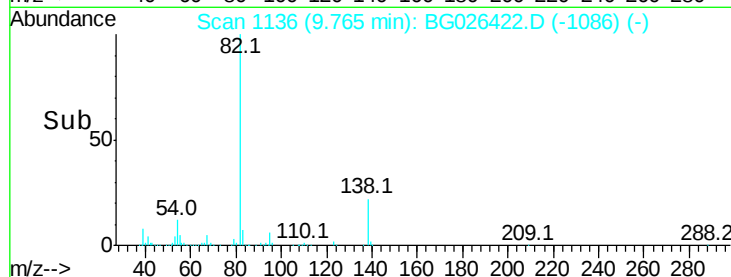
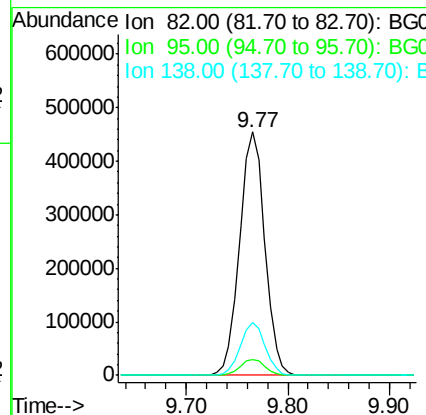
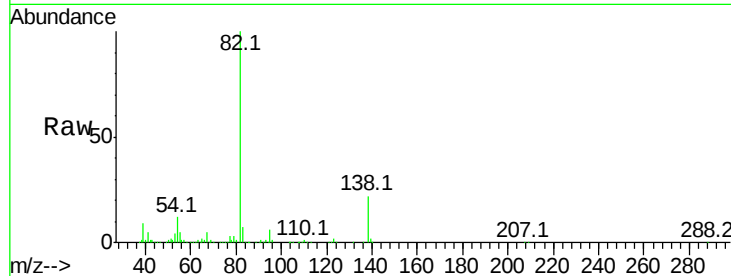
Tot Ion: 82 Resp: 782986

Ion Ratio Lower Upper

82 100

95 6.3 7.5 11.3#

138 21.9 12.3 18.5#



#26

2-Nitrophenol

Concen: 48.33 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

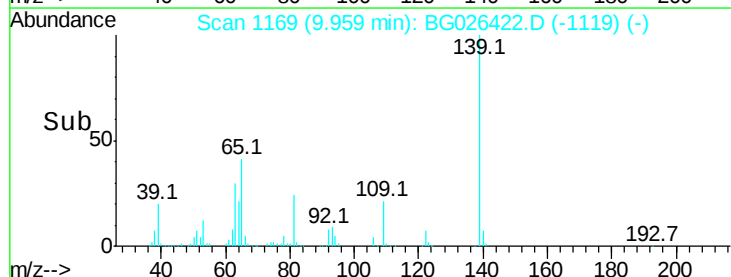
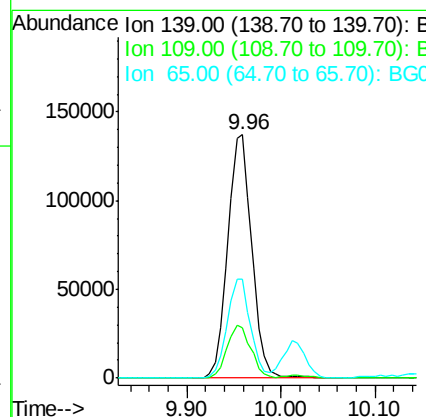
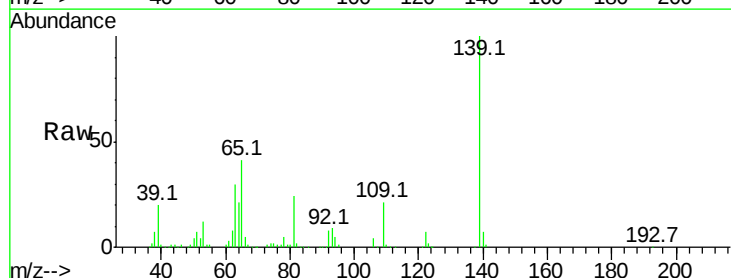
Tgt Ion: 139 Resp: 244013

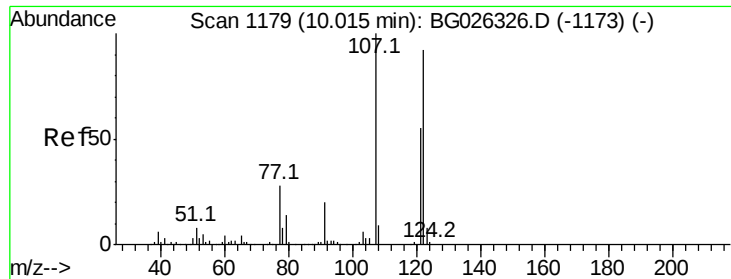
Ion Ratio Lower Upper

139 100

109 20.5 38.6 58.0#

65 40.6 57.1 85.7#

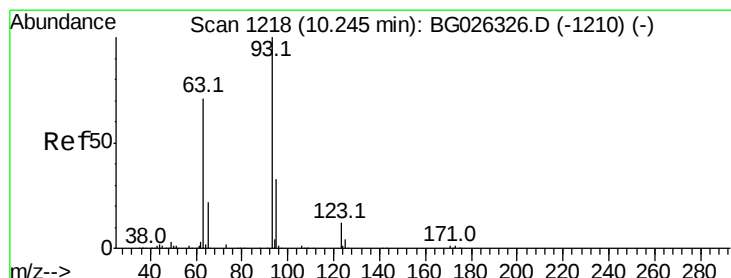
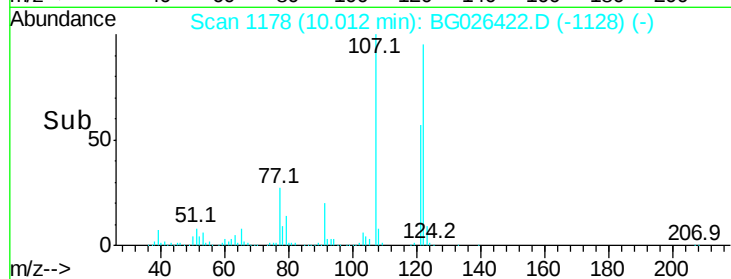
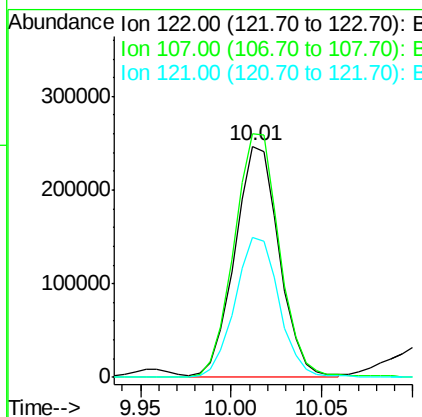
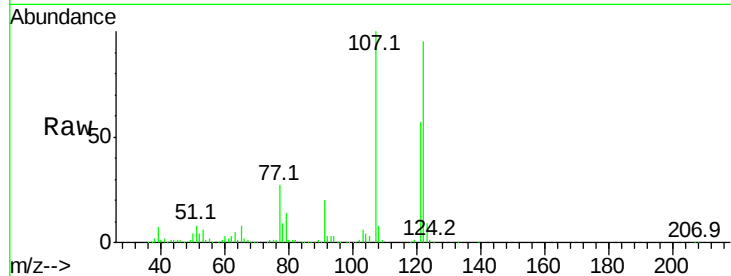




#27
2,4-Dimethylphenol
Concen: 50.62 ng
RT: 10.01 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

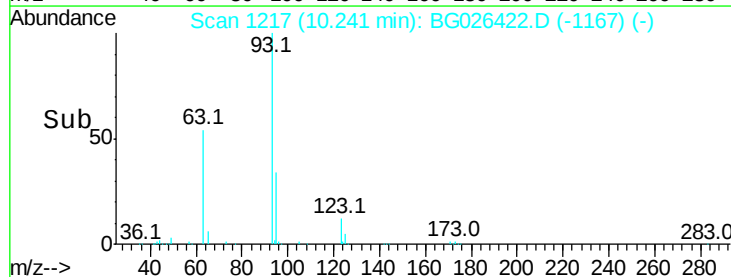
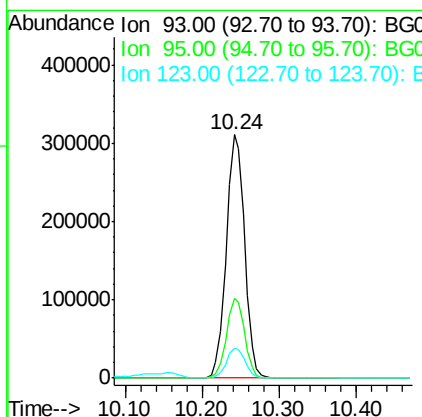
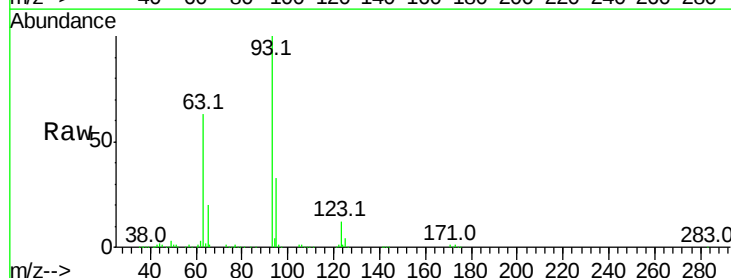
Instrument :
BNA_G
ClientSampleId :
PB97800BS

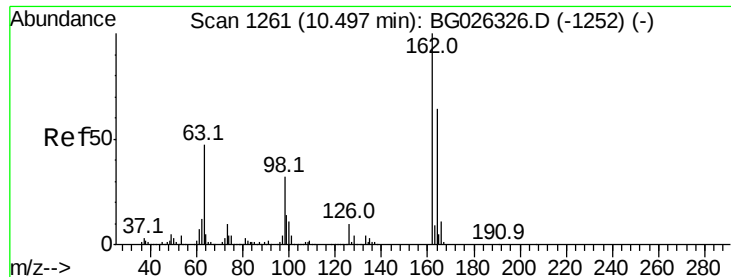
Tot Ion:122 Resp: 419474
Ion Ratio Lower Upper
122 100
107 105.3 104.2 156.4
121 60.5 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 42.82 ng
RT: 10.24 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

Tgt Ion: 93 Resp: 515253
Ion Ratio Lower Upper
93 100
95 32.8 25.7 38.5
123 12.4 8.3 12.5

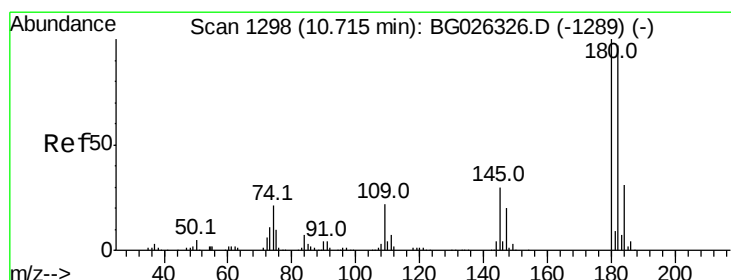
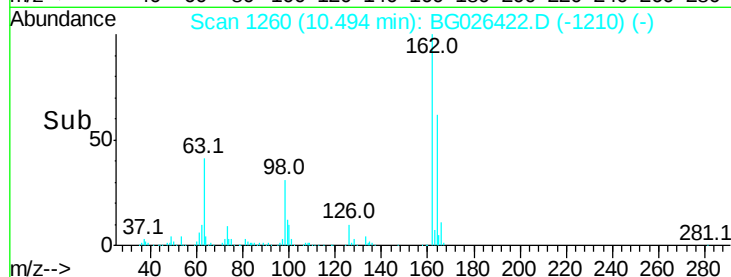
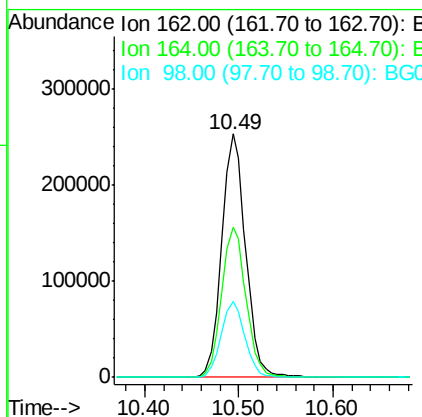
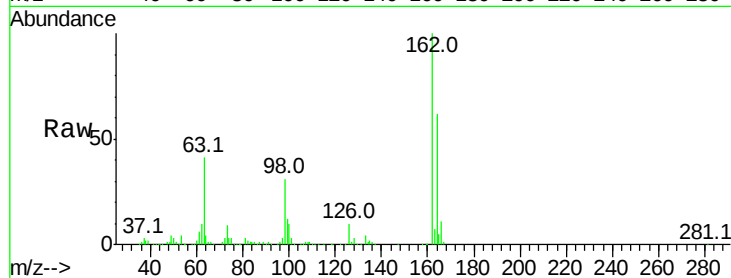




#29
 2,4-Dichlorophenol
 Concen: 53.38 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BG026422.D
 Acq: 24 Mar 2017 19:50

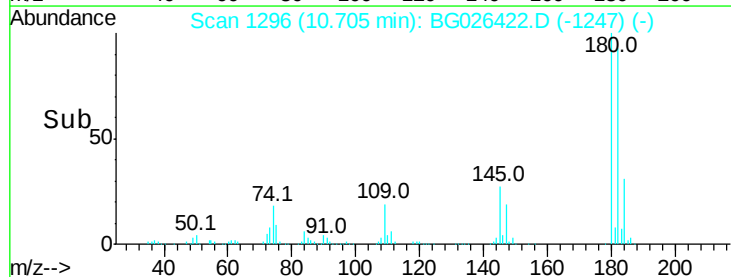
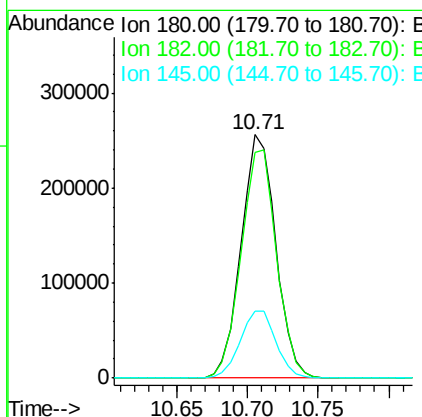
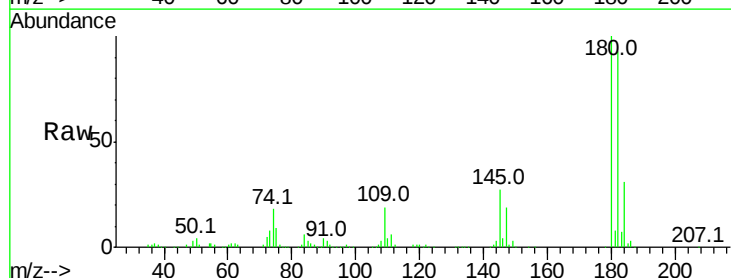
Instrument :
 BNA_G
 ClientSampleId :
 PB97800BS

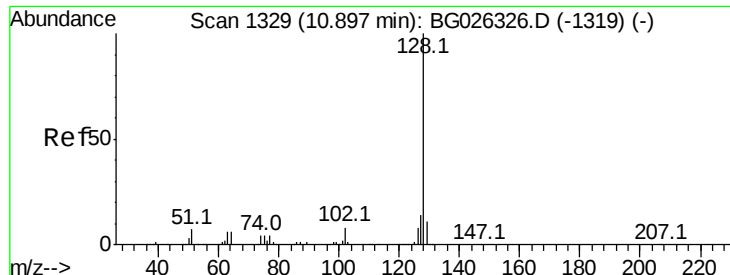
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.5	42.4	82.4
98	31.0	20.3	60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 46.82 ng
 RT: 10.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BG026422.D
 Acq: 24 Mar 2017 19:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	77.0	115.4
145	27.4	23.4	35.0

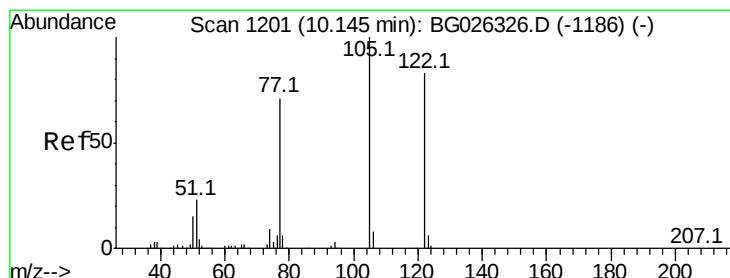
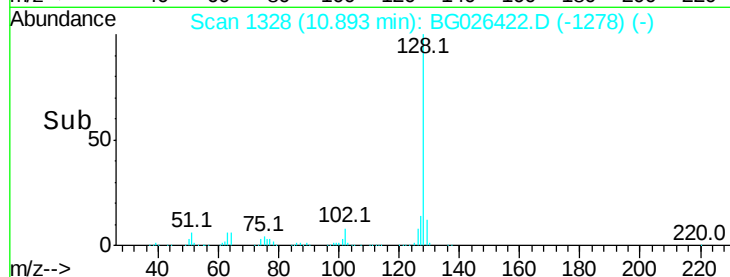
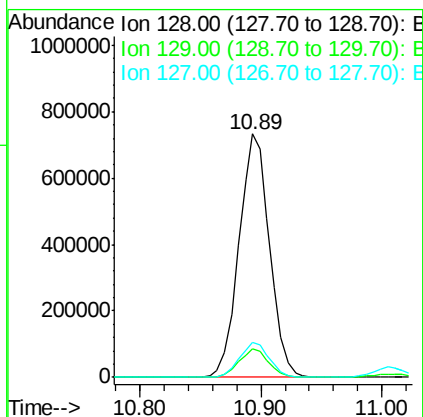
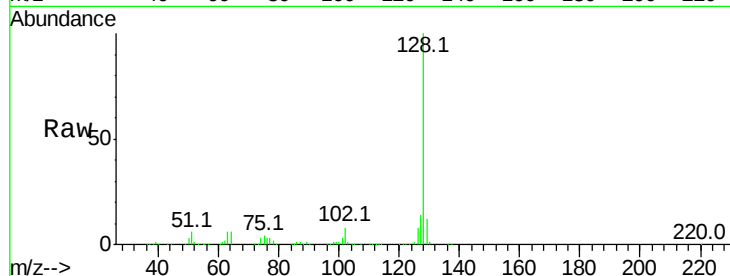




#31
Naphthalene
Concen: 43.01 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

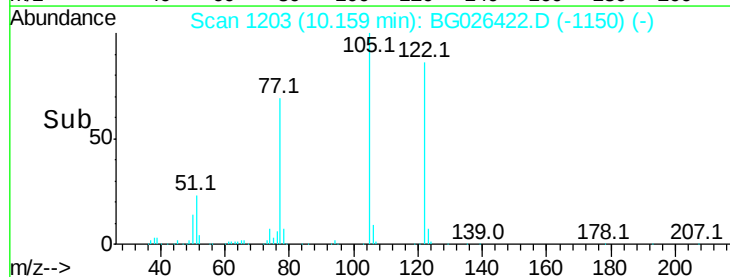
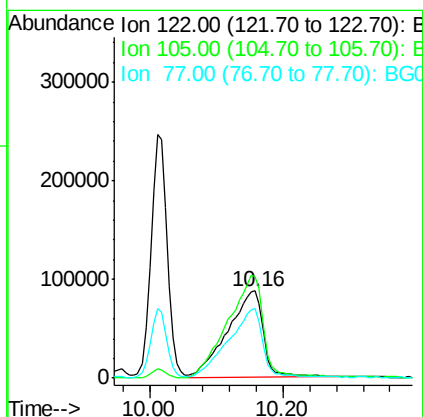
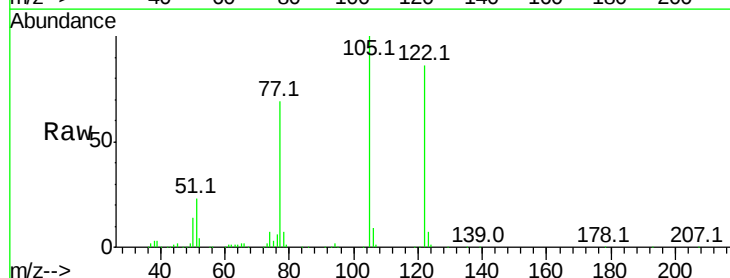
Instrument :
BNA_G
ClientSampleId :
PB97800BS

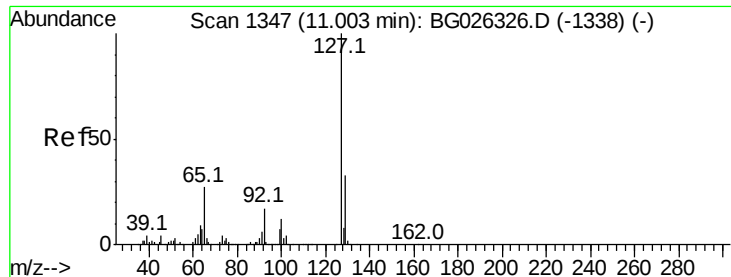
Tot Ion:128 Resp: 1284985
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 14.2 11.4 17.0



#32
Benzoic acid
Concen: 50.86 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

Tgt Ion:122 Resp: 324327
Ion Ratio Lower Upper
122 100
105 116.2 120.1 160.1#
77 80.4 104.6 144.6#

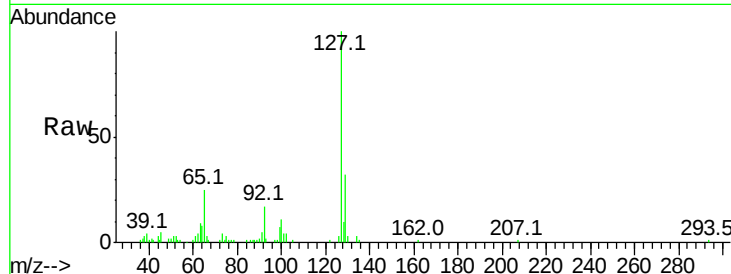




#33
4-Chloroaniline
Concen: 5.18 ng
RT: 11.00 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

Instrument :
BNA_G
ClientSampleId :
PB97800BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.0	23.6	35.4
65	25.0	37.7	56.5#
92	17.1	17.6	26.4#



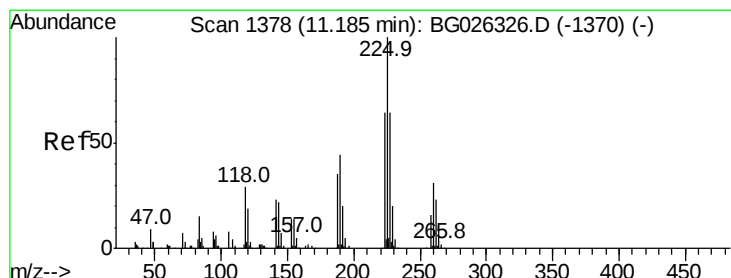
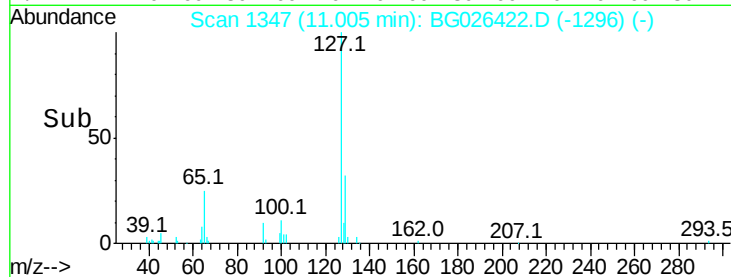
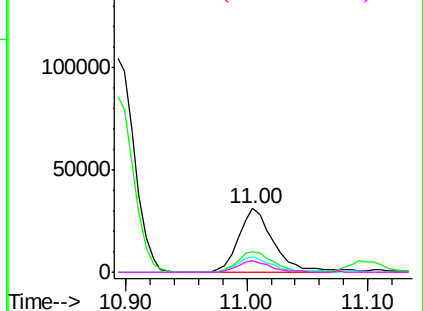
Abundance

Ion 129.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

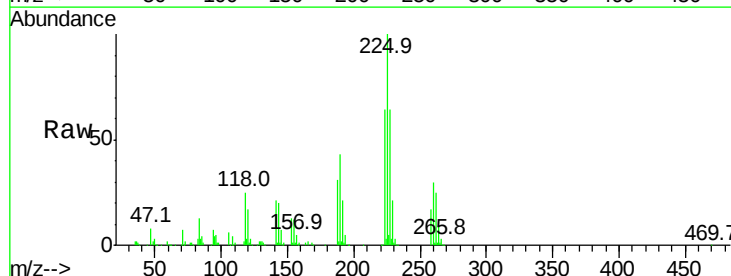
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 45.44 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.7	76.1
227	64.4	49.0	73.6

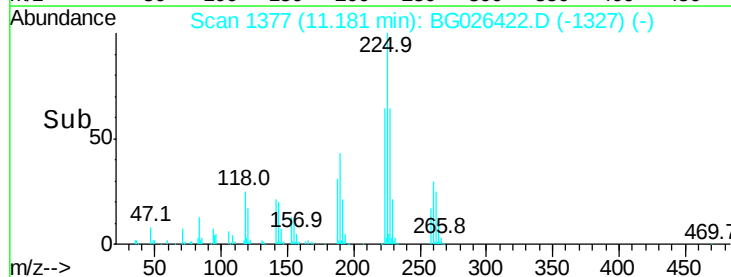
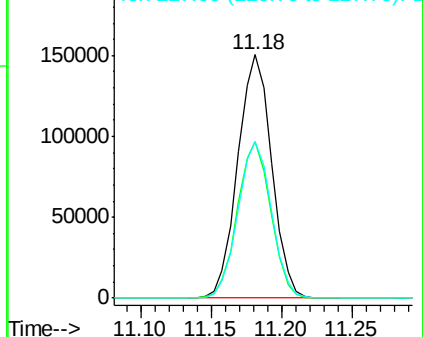


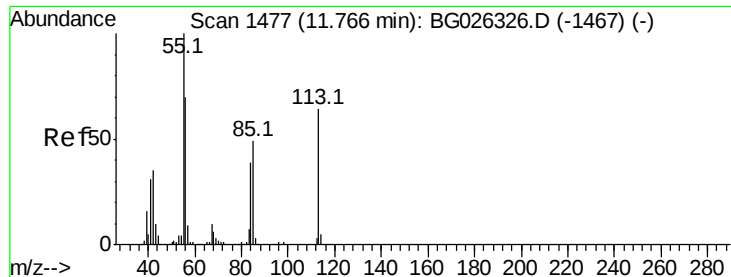
Abundance

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: 25.21 ng

RT: 11.76 min Scan# 1476

Delta R.T. -0.00 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

Instrument :

BNA_G

ClientSampleId :

PB97800BS

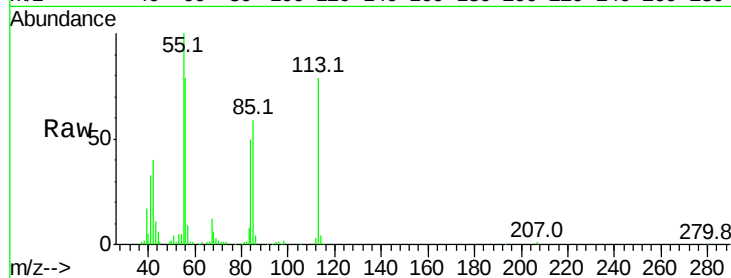
Tot Ion:113 Resp: 83251

Ion Ratio Lower Upper

113 100

55 126.0 198.6 238.6#

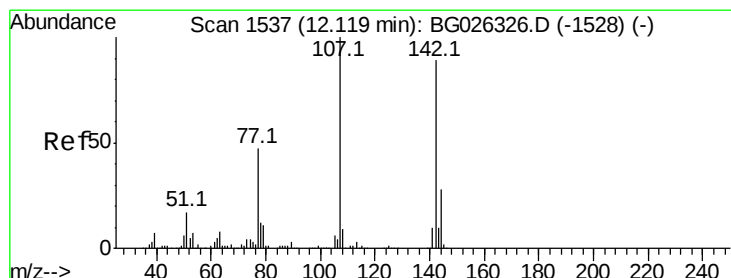
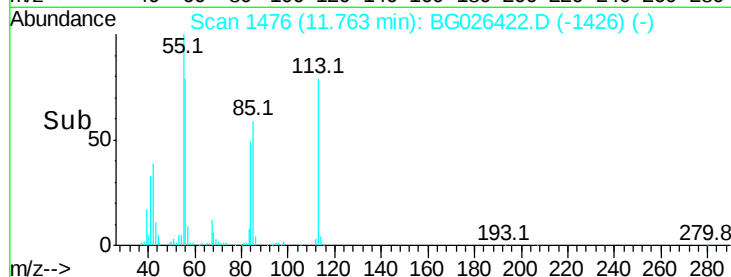
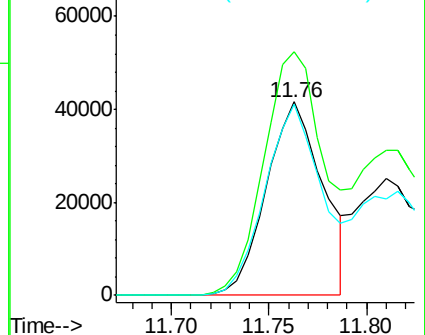
56 99.1 140.4 180.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 50.39 ng

RT: 12.12 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

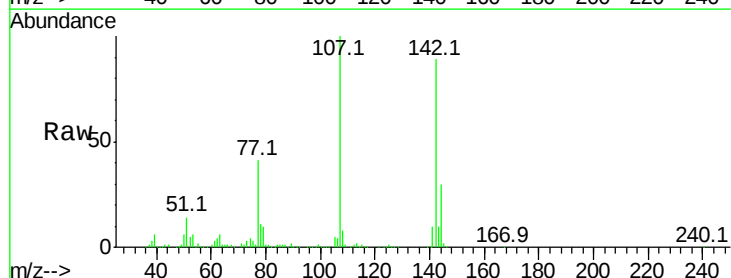
Tgt Ion:107 Resp: 451735

Ion Ratio Lower Upper

107 100

144 29.7 17.4 26.0#

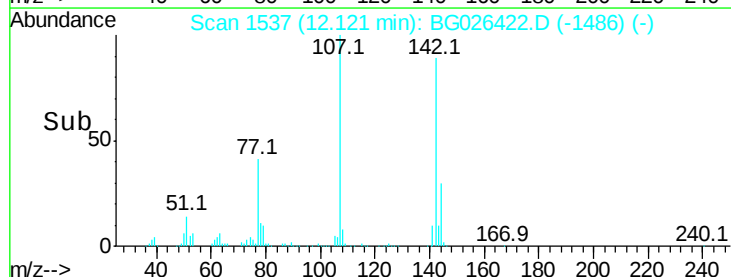
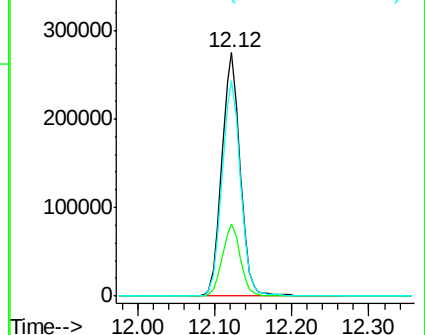
142 88.6 54.1 81.1#

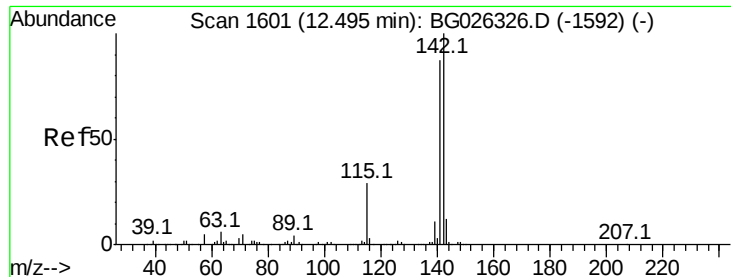


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

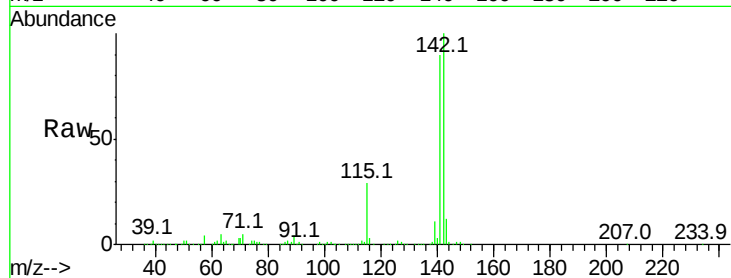




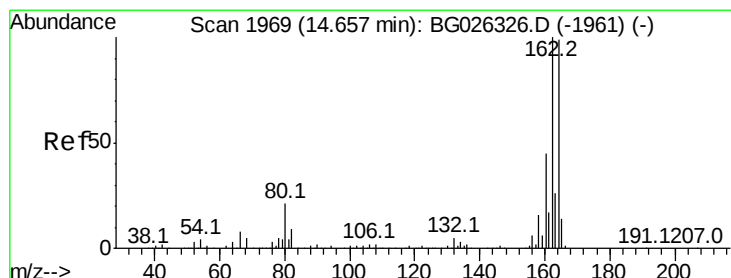
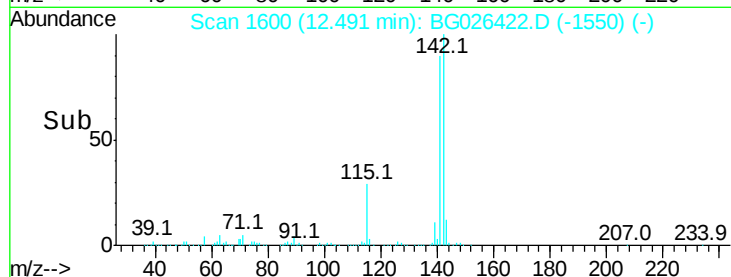
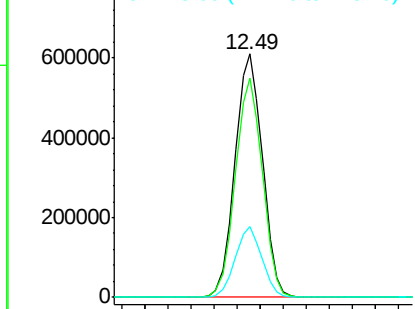
#37
2-Methylnaphthalene
Concen: 45.73 ng
RT: 12.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

Instrument :
BNA_G
ClientSampleId :
PB97800BS

Tot Ion:142 Resp: 1000834
Ion Ratio Lower Upper
142 100
141 89.9 70.4 105.6
115 28.9 35.5 53.3#

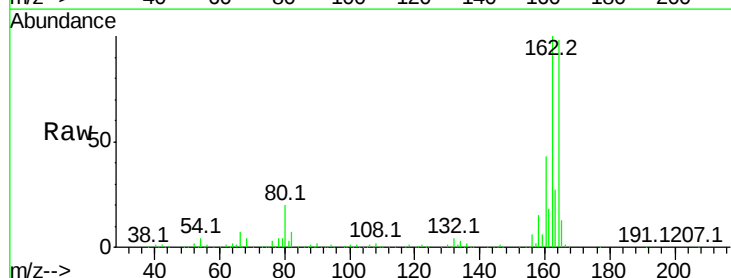


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

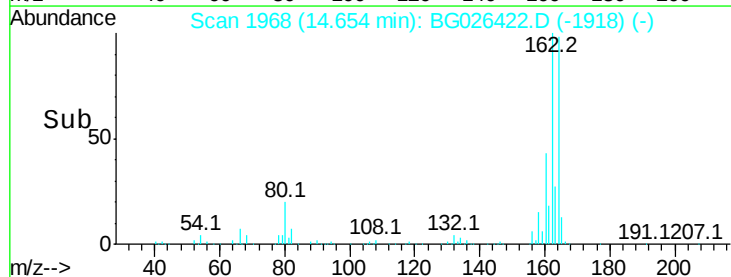
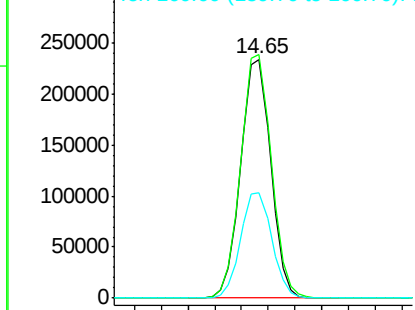


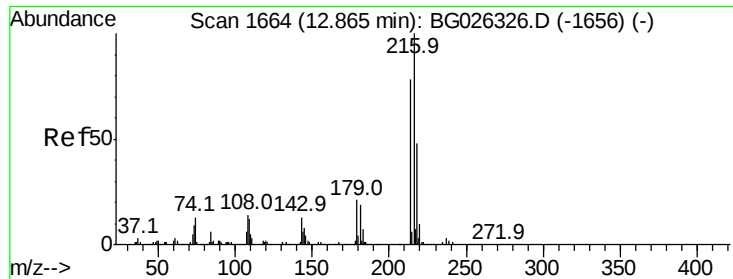
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

Tgt Ion:164 Resp: 364801
Ion Ratio Lower Upper
164 100
162 102.1 85.1 127.7
160 44.1 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

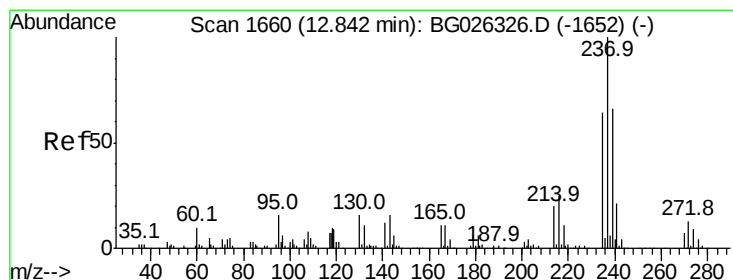
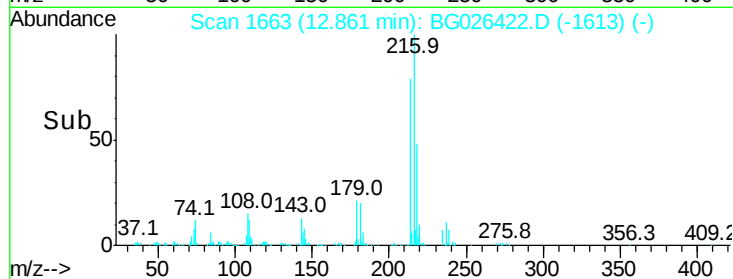
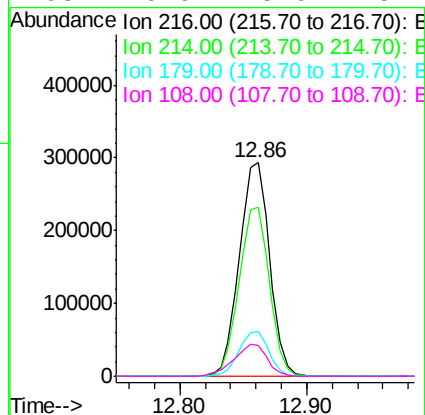
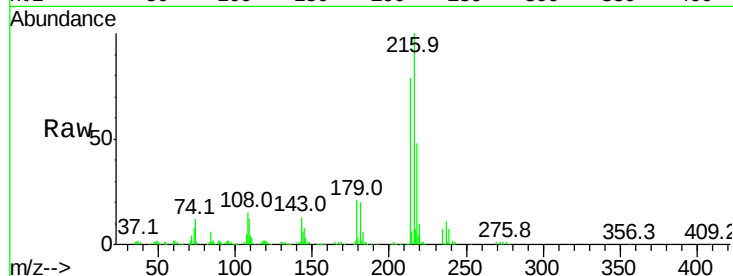




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.10 ng
 RT: 12.86 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: BG026422.D
 Acq: 24 Mar 2017 19:50

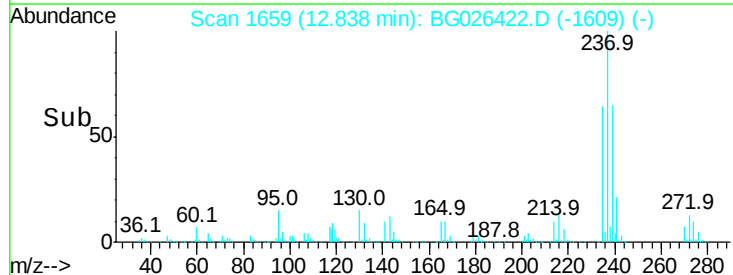
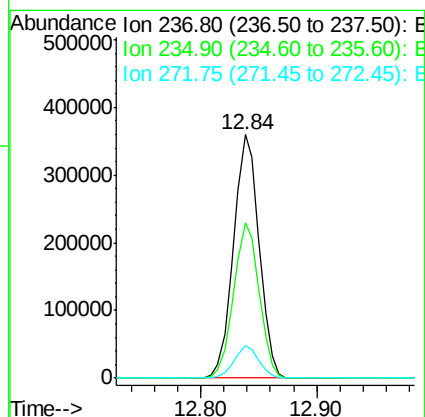
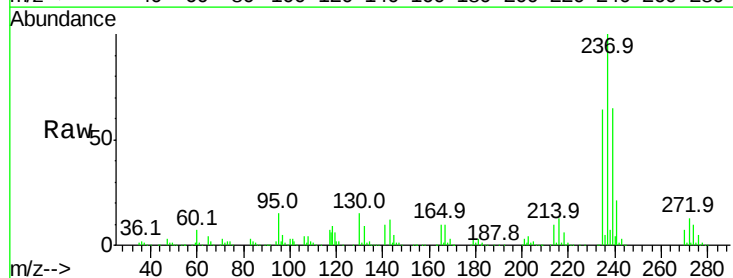
Instrument :
 BNA_G
 ClientSampleId :
 PB97800BS

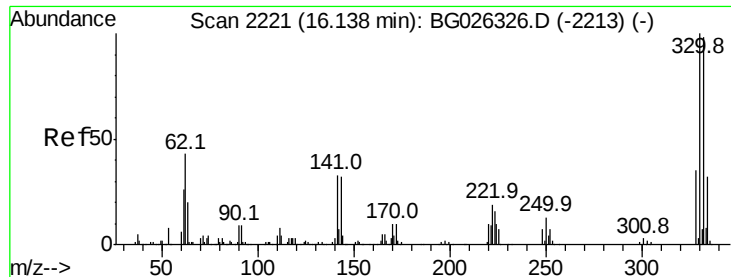
Tot Ion:	216	Resp:	484065
Ion	Ratio	Lower	Upper
216	100		
214	79.2	64.4	96.6
179	20.6	17.4	26.0
108	16.6	15.6	23.4



#40
 Hexachlorocyclopentadiene
 Concen: 95.21 ng
 RT: 12.84 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: BG026422.D
 Acq: 24 Mar 2017 19:50

Tgt Ion:	237	Resp:	550097
Ion	Ratio	Lower	Upper
237	100		
235	63.6	39.4	79.4
272	13.1	0.0	32.0

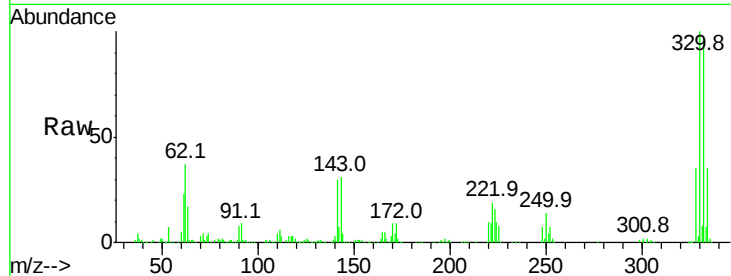




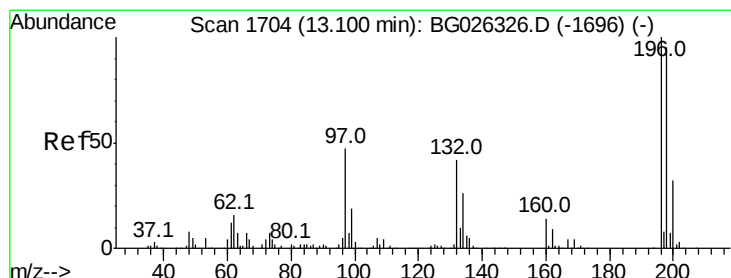
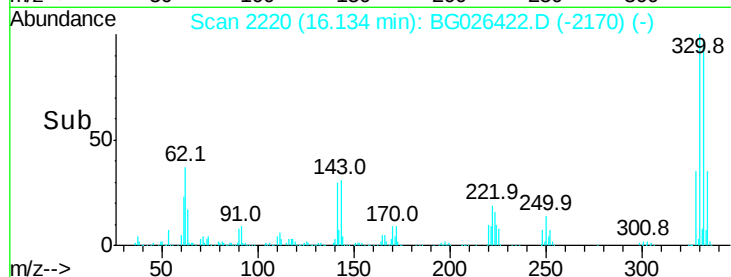
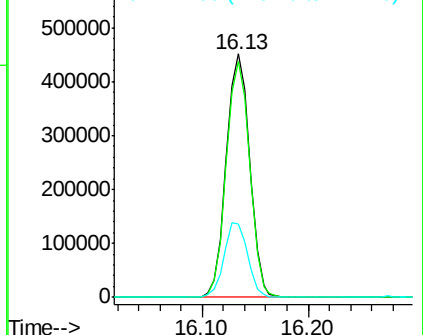
#41
 2,4,6-Tribromophenol
 Concen: 165.93 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.00 min
 Lab File: BG026422.D
 Acq: 24 Mar 2017 19:50

Instrument :
 BNA_G
 ClientSampleId :
 PB97800BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	31.0	32.1	48.1#

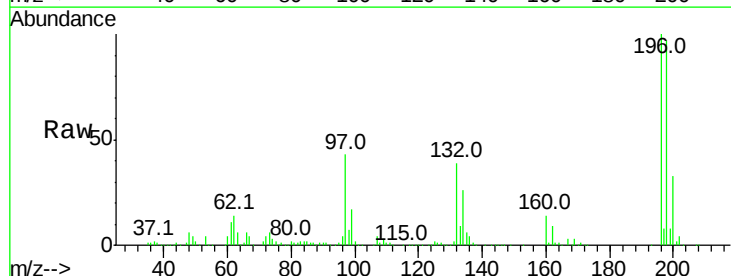


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

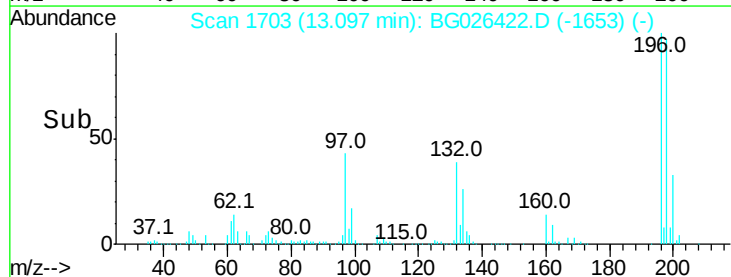
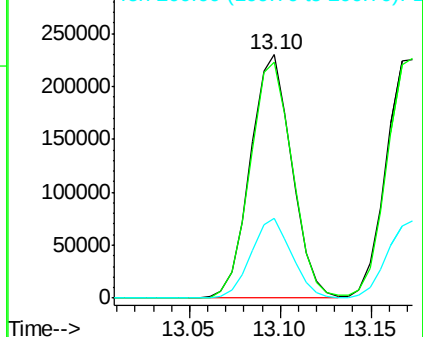


#42
 2,4,6-Trichlorophenol
 Concen: 50.96 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG026422.D
 Acq: 24 Mar 2017 19:50

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.1	81.4	122.2
200	32.6	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

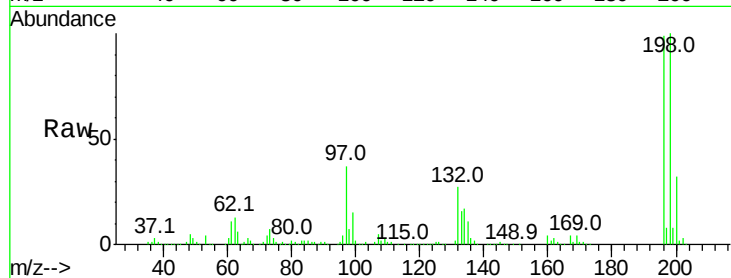




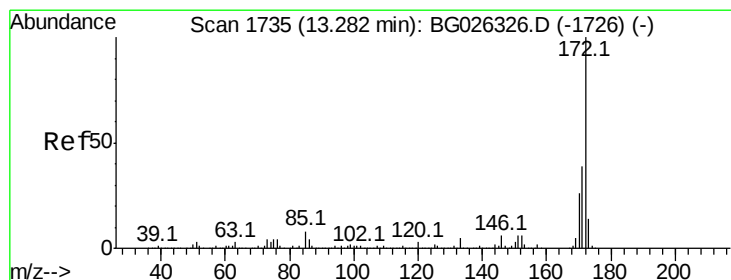
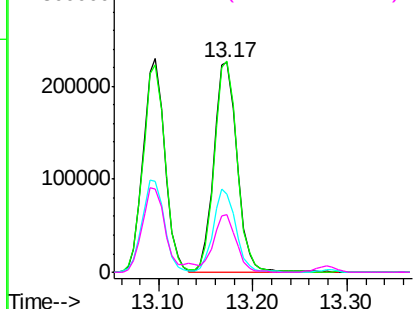
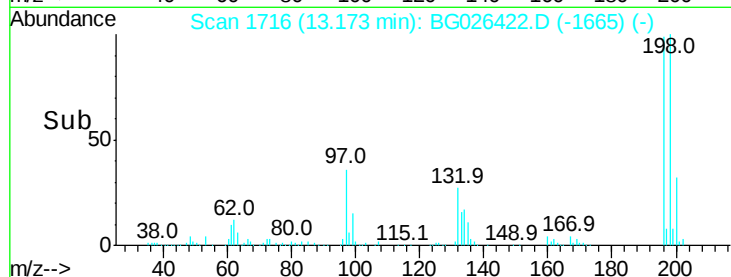
#43
 2,4,5-Trichlorophenol
 Concen: 49.22 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG026422.D
 Acq: 24 Mar 2017 19:50

Instrument :
 BNA_G
 ClientSampleId :
 PB97800BS

Tot Ion:196 Resp: 391002
 Ion Ratio Lower Upper
 196 100
 198 100.6 79.9 119.9
 97 37.2 45.4 68.0#
 132 27.5 20.7 31.1

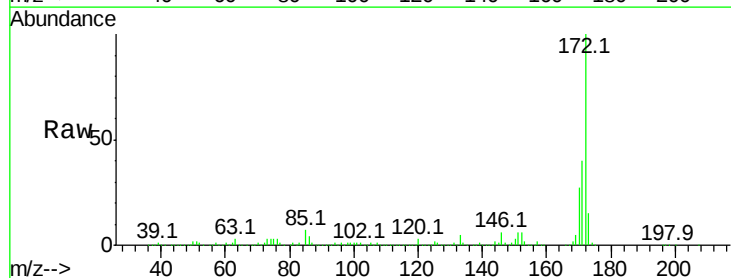


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

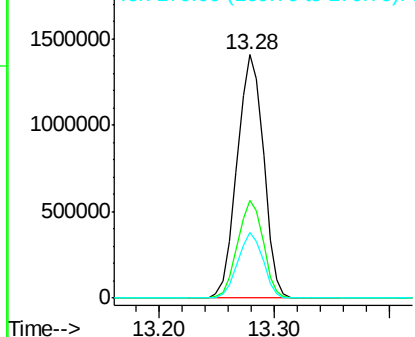
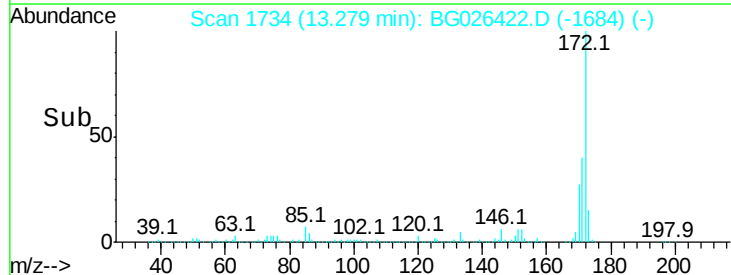


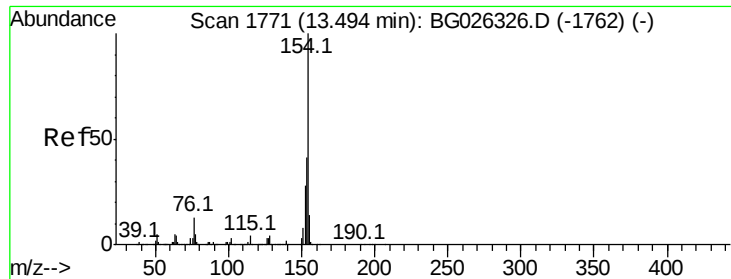
#44
 2-Fluorobiphenyl
 Concen: 85.70 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG026422.D
 Acq: 24 Mar 2017 19:50

Tgt Ion:172 Resp: 2229335
 Ion Ratio Lower Upper
 172 100
 171 39.9 32.2 48.2
 170 27.2 21.8 32.6



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

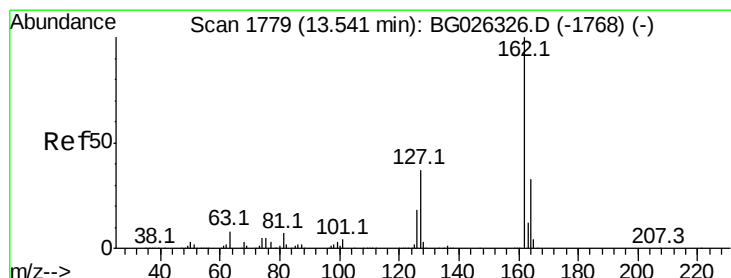
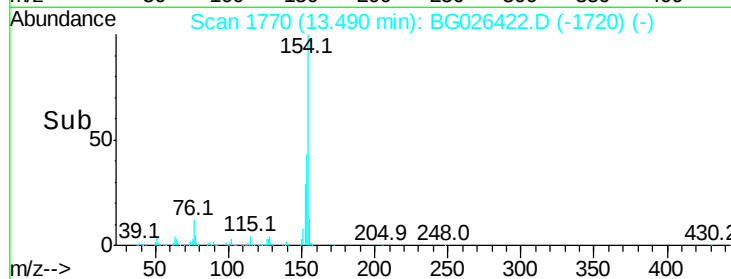
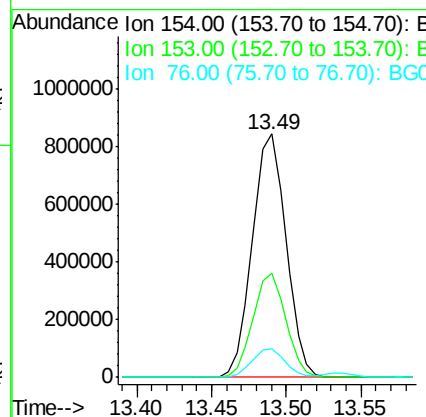
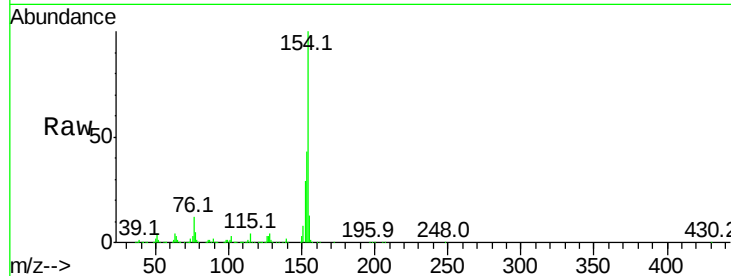




#45
1,1'-Biphenyl
Concen: 43.59 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

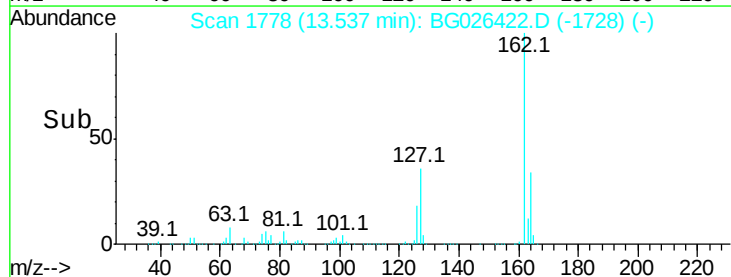
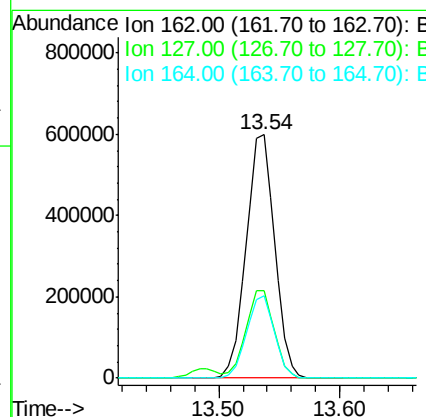
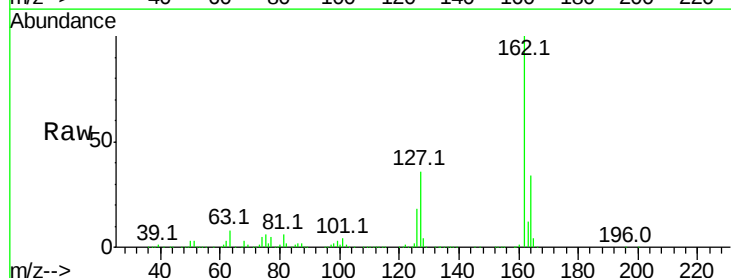
Instrument :
BNA_G
ClientSampled :
PB97800BS

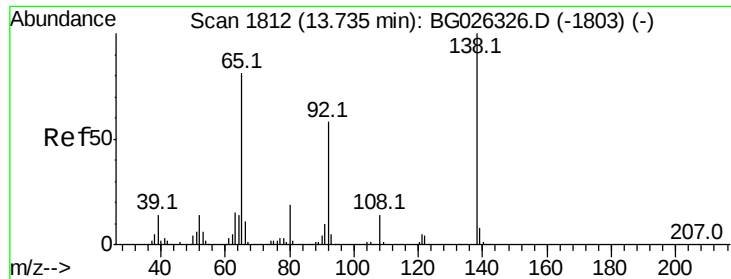
Tot Ion:154 Resp: 1316988
Ion Ratio Lower Upper
154 100
153 42.8 23.0 63.0
76 11.7 0.0 33.5



#46
2-Chloronaphthalene
Concen: 44.73 ng
RT: 13.54 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

Tgt Ion:162 Resp: 986900
Ion Ratio Lower Upper
162 100
127 35.8 32.2 48.4
164 33.9 27.3 40.9

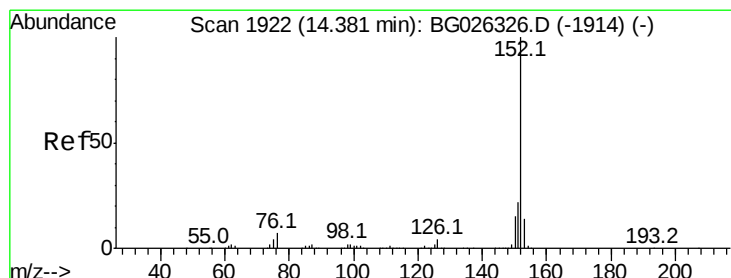
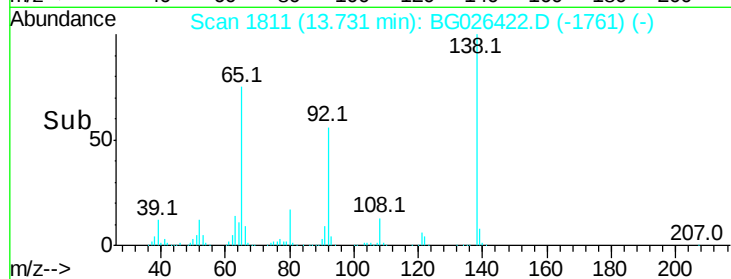
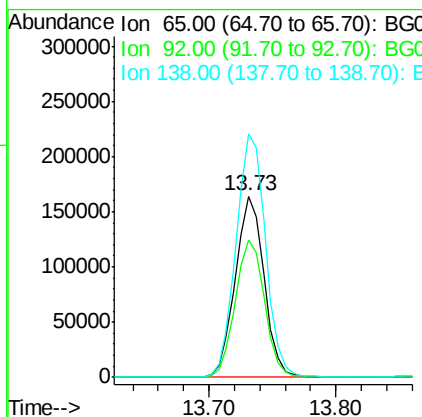
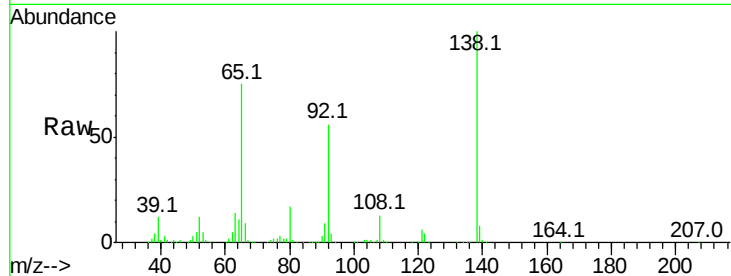




#47
2-Nitroaniline
Concen: 40.98 ng
RT: 13.73 min Scan# 1811
Delta R.T. -0.00 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

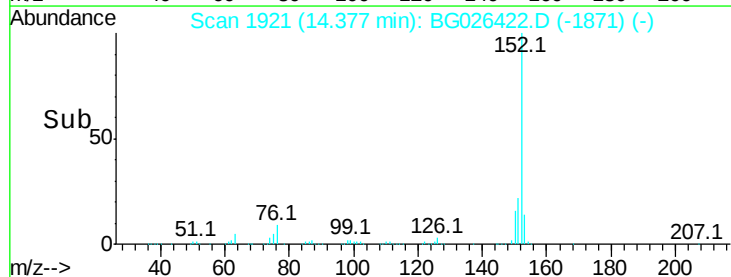
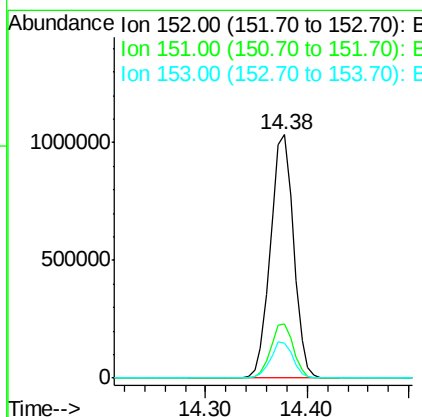
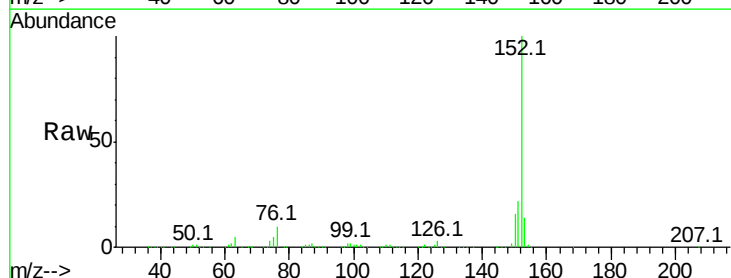
Instrument :
BNA_G
ClientSampleId :
PB97800BS

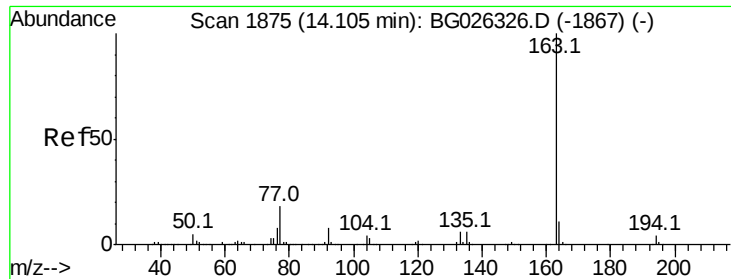
Tot Ion: 65 Resp: 257143
Ion Ratio Lower Upper
65 100
92 75.5 49.0 73.4#
138 134.1 58.6 87.8#



#48
Acenaphthylene
Concen: 42.84 ng
RT: 14.38 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

Tgt Ion: 152 Resp: 1647933
Ion Ratio Lower Upper
152 100
151 22.2 18.2 27.2
153 14.4 11.3 16.9





#49

Dimethylphthalate

Concen: 47.71 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.00 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

Instrument :

BNA_G

ClientSampleId :

PB97800BS

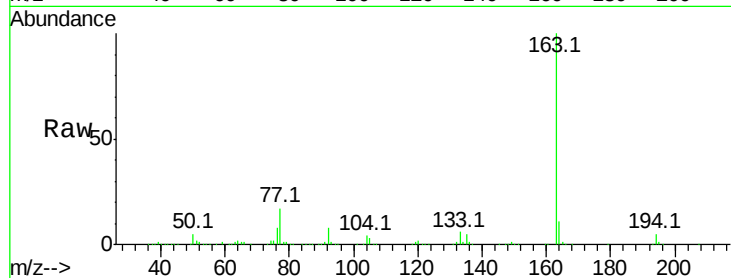
Tot Ion:163 Resp: 1313796

Ion Ratio Lower Upper

163 100

194 4.9 3.8 5.6

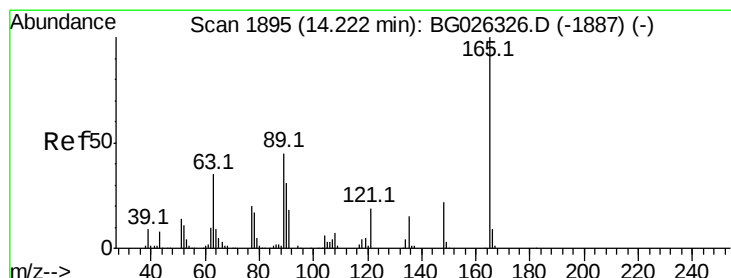
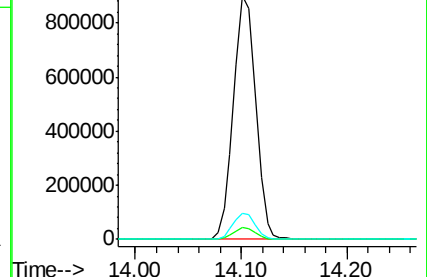
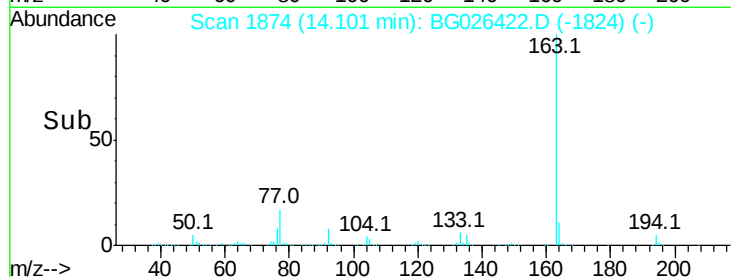
164 10.7 9.3 13.9



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: 49.02 ng

RT: 14.22 min Scan# 1894

Delta R.T. -0.00 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

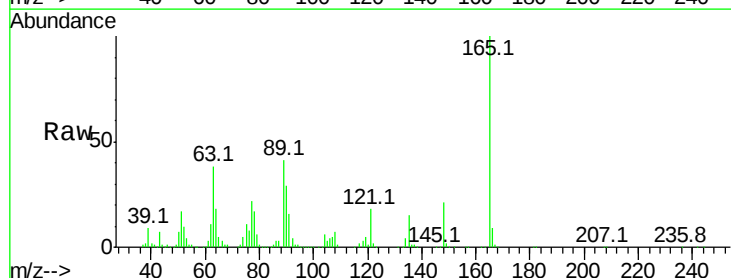
Tgt Ion:165 Resp: 315004

Ion Ratio Lower Upper

165 100

63 38.4 63.9 95.9#

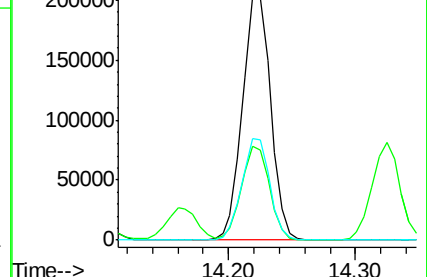
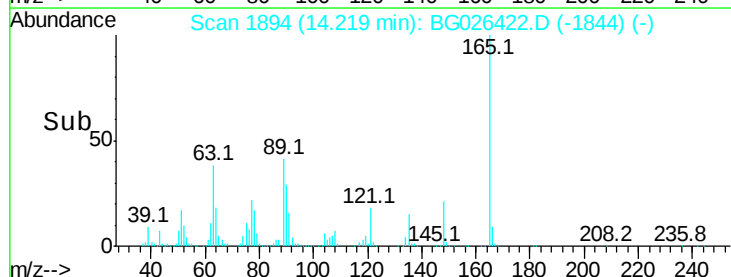
89 41.5 58.6 88.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 43.94 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

Instrument :

BNA_G

ClientSampleId :

PB97800BS

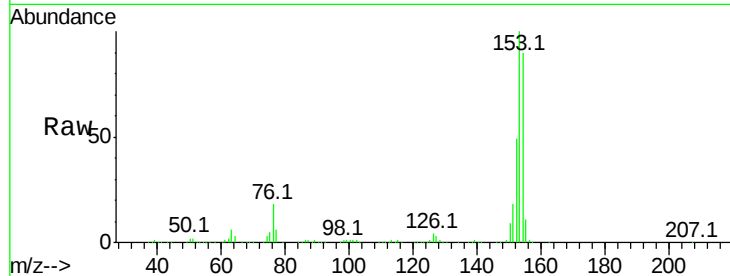
Tot Ion:154 Resp: 1040741

Ion Ratio Lower Upper

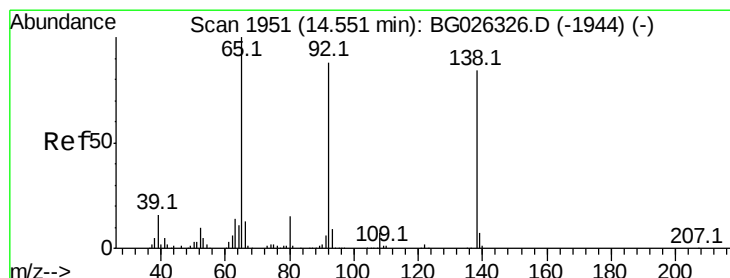
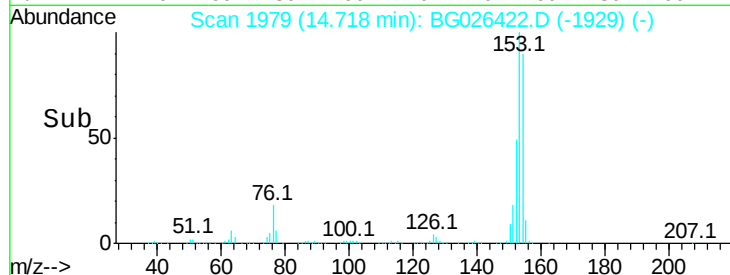
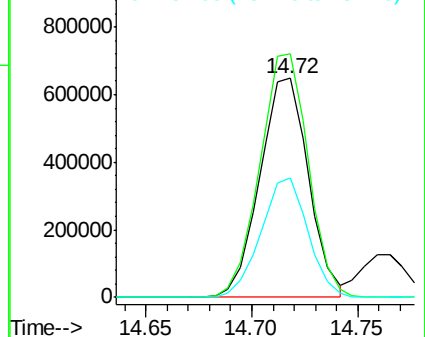
154 100

153 111.1 87.8 131.6

152 54.3 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: 11.87 ng

RT: 14.55 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

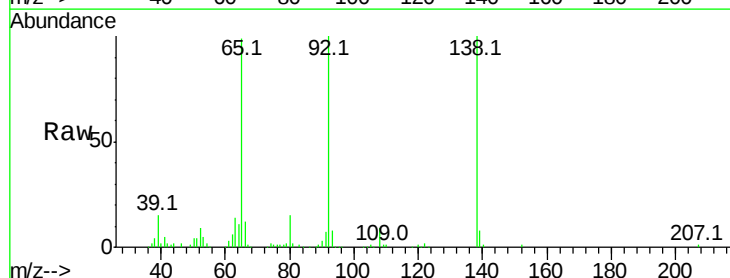
Tgt Ion:138 Resp: 84008

Ion Ratio Lower Upper

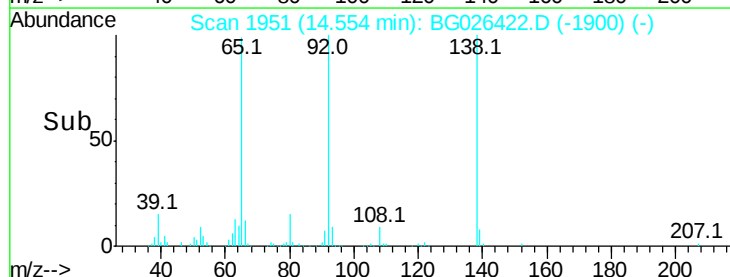
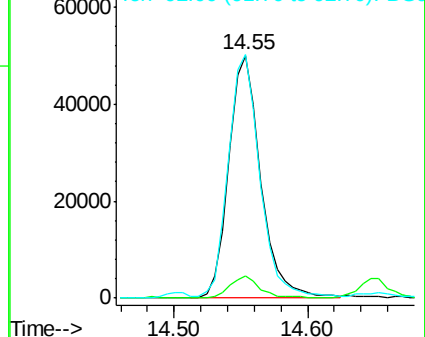
138 100

108 8.9 10.9 16.3#

92 100.4 115.3 172.9#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGO

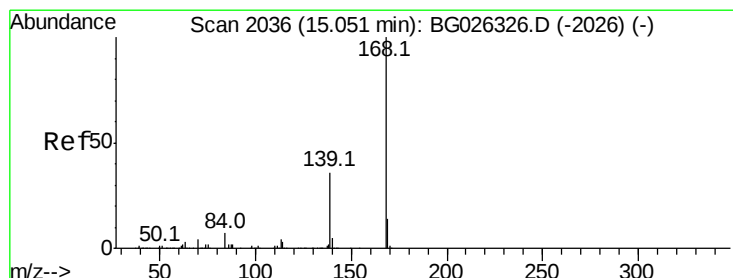
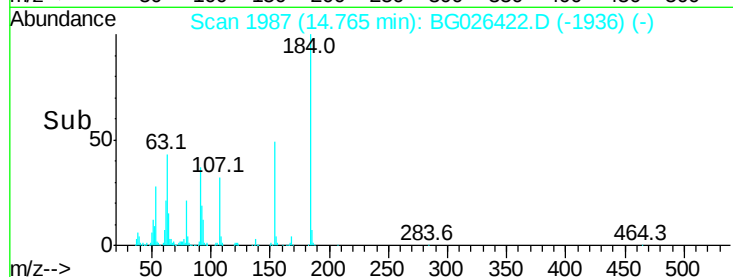
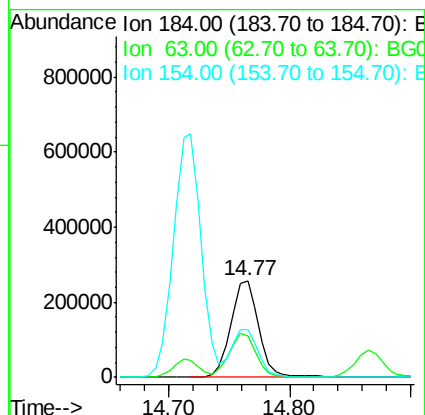
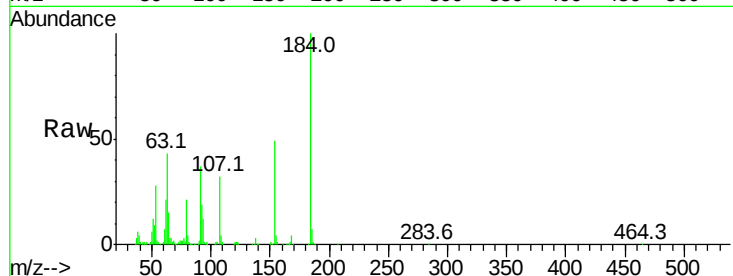




#53
2,4-Dinitrophenol
Concen: 111.17 ng
RT: 14.77 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

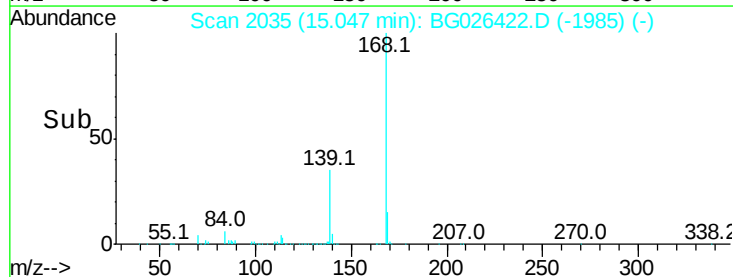
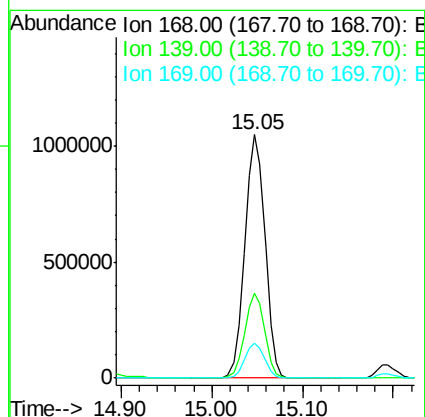
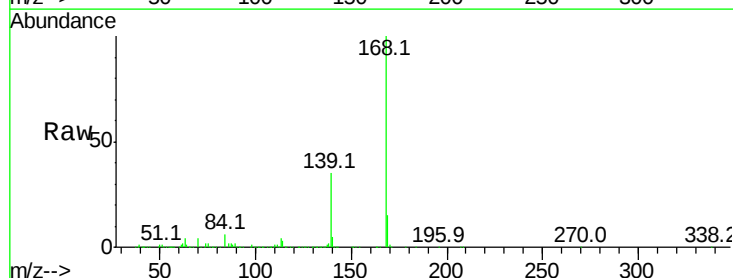
Instrument :
BNA_G
ClientSampleId :
PB97800BS

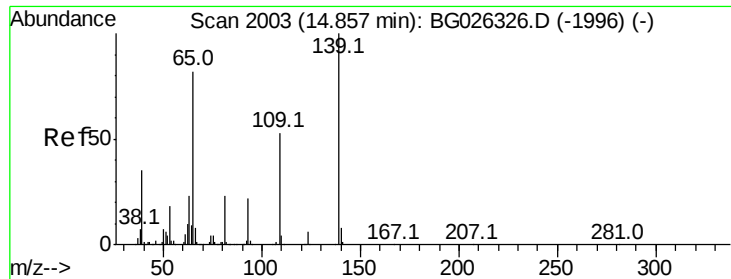
Tot Ion:184 Resp: 414425
Ion Ratio Lower Upper
184 100
63 43.2 52.7 79.1#
154 48.9 57.3 85.9#



#54
Dibenzofuran
Concen: 48.37 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

Tgt Ion:168 Resp: 1613089
Ion Ratio Lower Upper
168 100
139 35.0 35.3 52.9#
169 14.6 11.5 17.3

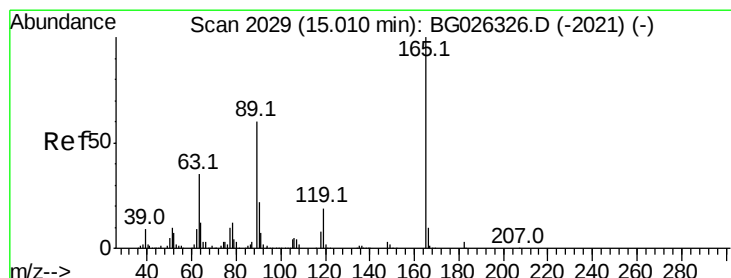
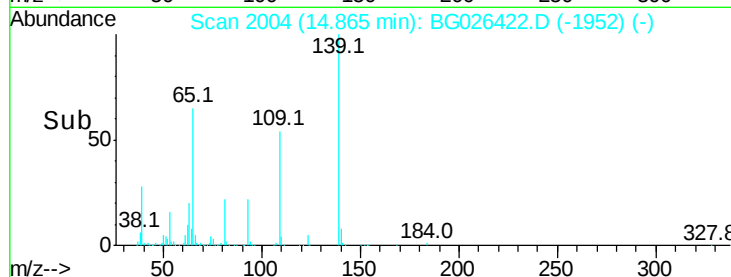
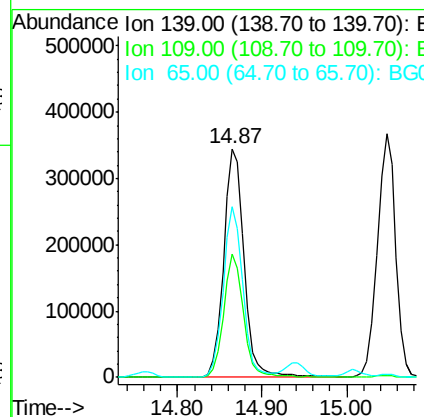
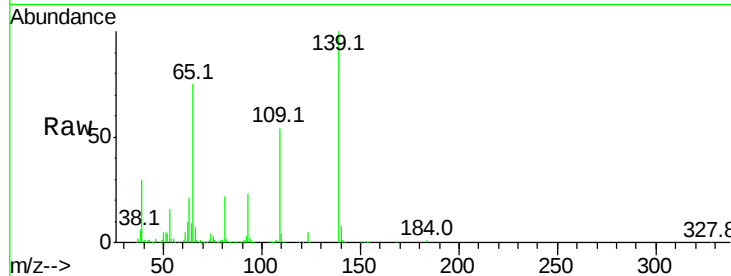




#55
4-Nitrophenol
Concen: 100.50 ng
RT: 14.87 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

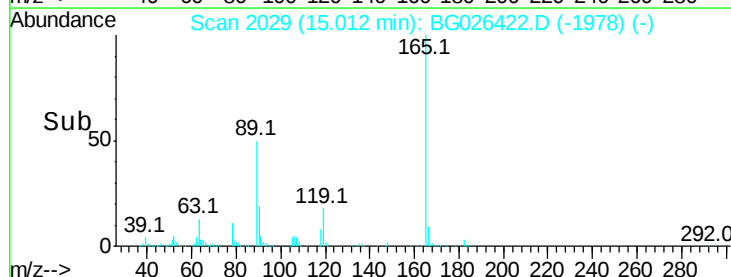
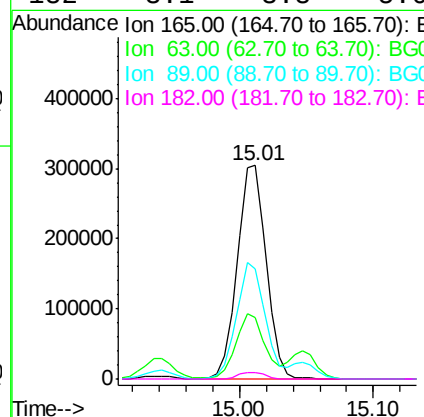
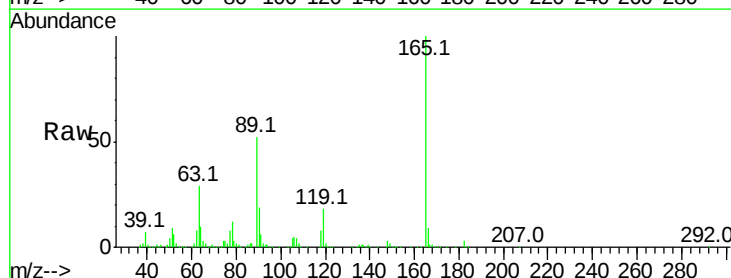
Instrument :
BNA_G
ClientSampleId :
PB97800BS

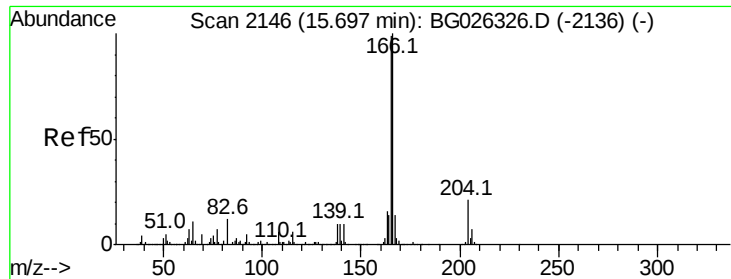
Tot Ion:139 Resp: 582349
Ion Ratio Lower Upper
139 100
109 53.9 101.2 141.2#
65 74.8 135.3 175.3#



#56
2,4-Dinitrotoluene
Concen: 50.77 ng
RT: 15.01 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

Tgt Ion:165 Resp: 458859
Ion Ratio Lower Upper
165 100
63 28.9 44.0 66.0#
89 51.7 67.3 100.9#
182 3.1 3.8 5.6#





#57

Fluorene

Concen: 45.10 ng

RT: 15.69 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

Instrument :

BNA_G

ClientSampleId :

PB97800BS

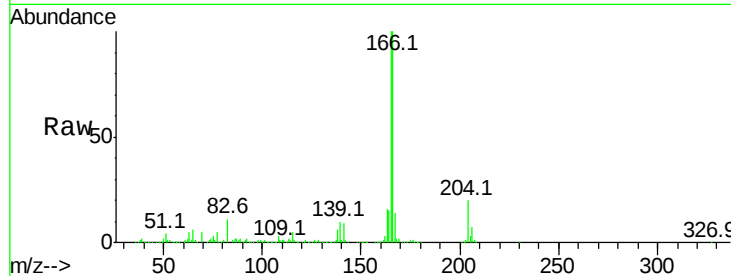
Tot Ion:166 Resp: 1338399

Ion Ratio Lower Upper

166 100

165 99.7 78.6 117.8

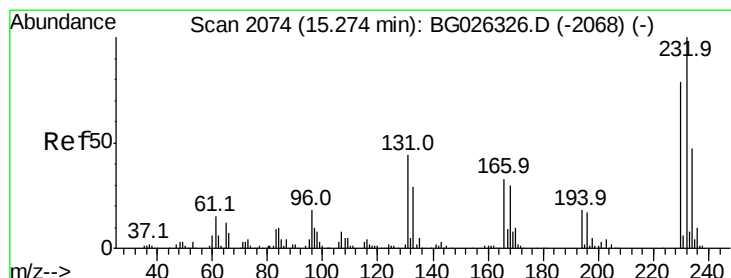
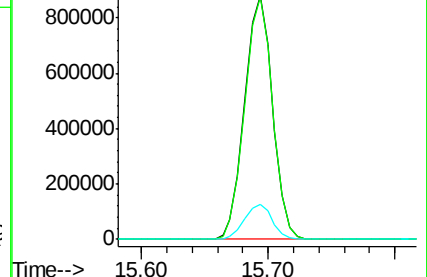
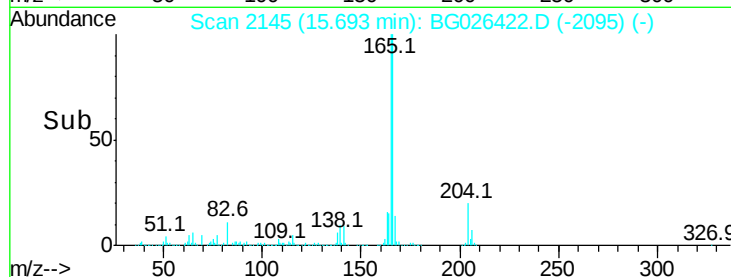
167 14.4 11.6 17.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 55.43 ng

RT: 15.28 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

Tgt Ion:232 Resp: 383996

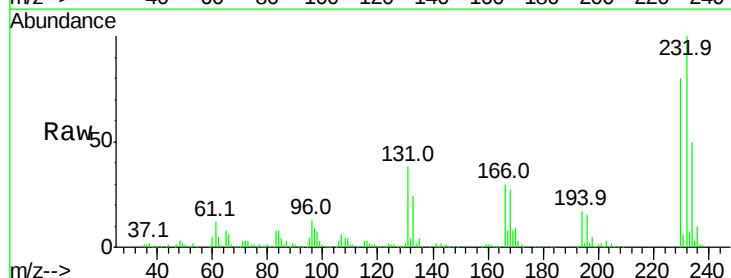
Ion Ratio Lower Upper

232 100

131 38.9 34.9 52.3

130 2.1 2.3 3.5#

166 29.3 24.2 36.4

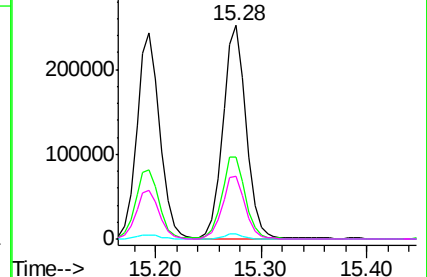
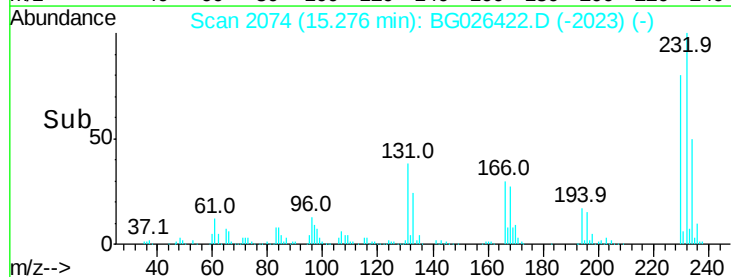


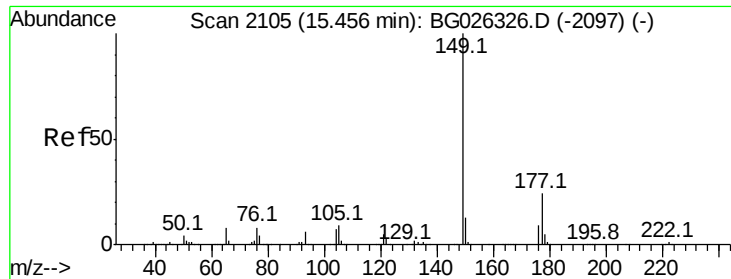
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

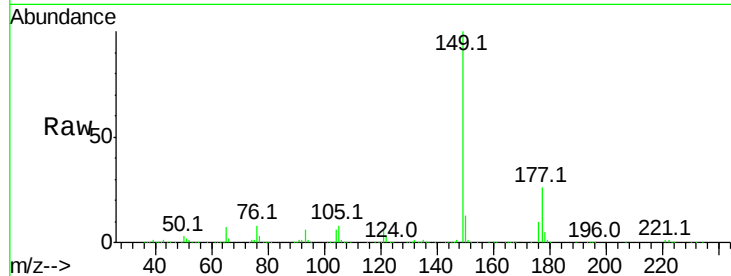




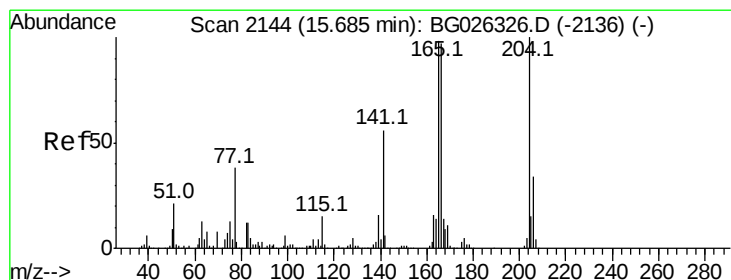
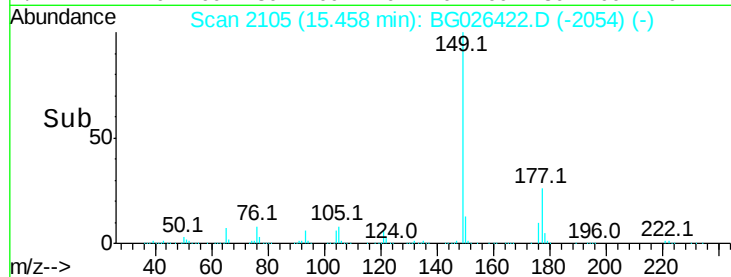
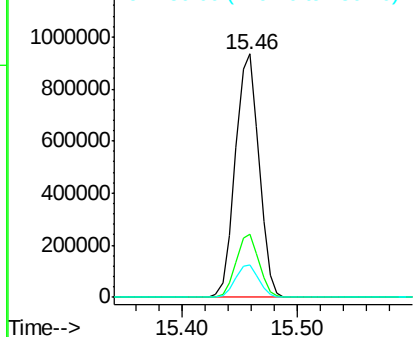
#59
Diethylphthalate
Concen: 46.92 ng
RT: 15.46 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

Instrument :
BNA_G
ClientSampleId :
PB97800BS

Tot Ion:149 Resp: 1320507
Ion Ratio Lower Upper
149 100
177 26.1 20.1 30.1
150 13.3 10.2 15.2

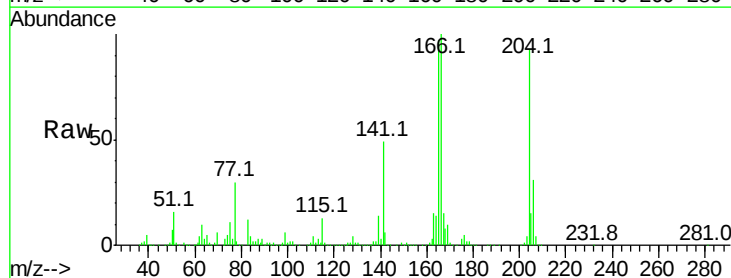


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

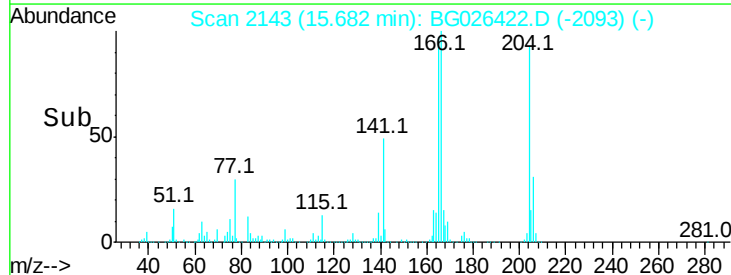
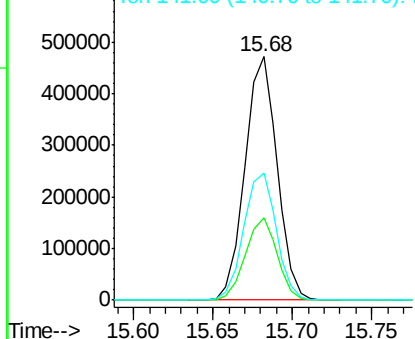


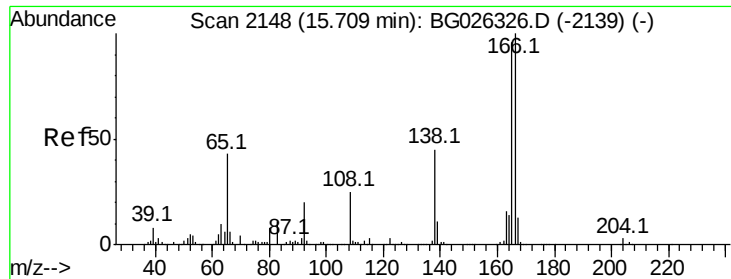
#60
4-Chlorophenyl-phenylether
Concen: 47.16 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

Tgt Ion:204 Resp: 663309
Ion Ratio Lower Upper
204 100
206 33.6 30.1 45.1
141 52.3 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

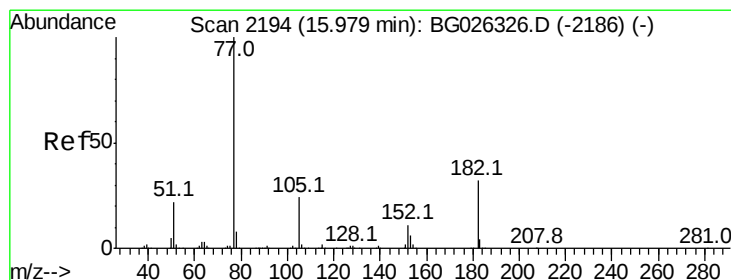
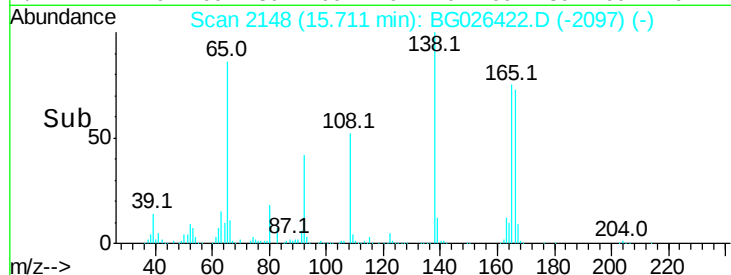
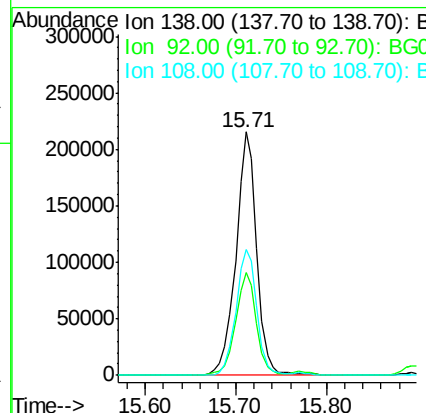
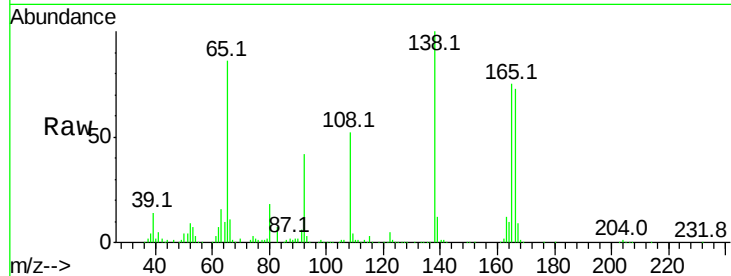




#61
4-Nitroaniline
Concen: 46.19 ng
RT: 15.71 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

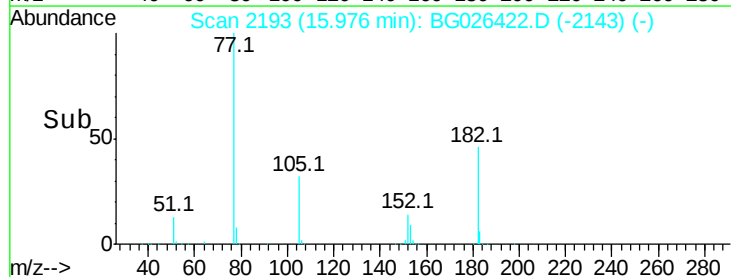
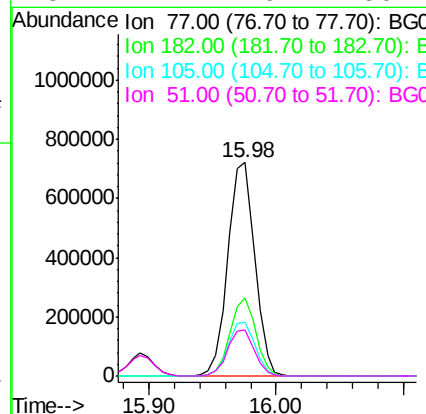
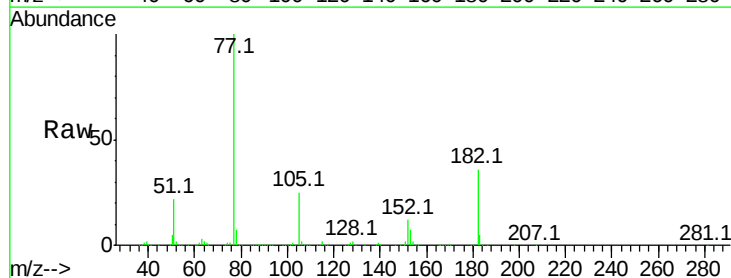
Instrument :
BNA_G
ClientSampleId :
PB97800BS

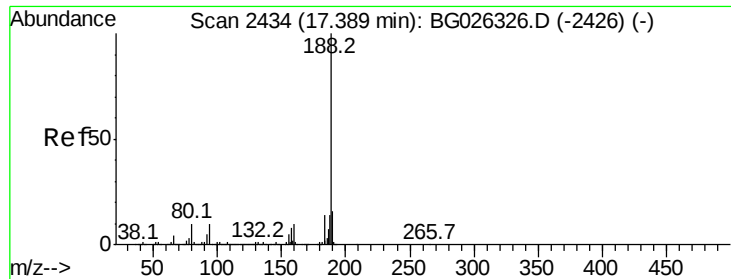
Tot Ion:138 Resp: 345748
Ion Ratio Lower Upper
138 100
92 42.4 44.2 84.2#
108 51.9 104.8 144.8#



#62
Azobenzene
Concen: 46.09 ng
RT: 15.98 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

Tgt Ion: 77 Resp: 1054597
Ion Ratio Lower Upper
77 100
182 36.3 4.7 44.7
105 25.0 0.0 36.3
51 21.7 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: BG026422.D

Acq: 24 Mar 2017 19:50

Instrument :

BNA_G

ClientSampleId :

PB97800BS

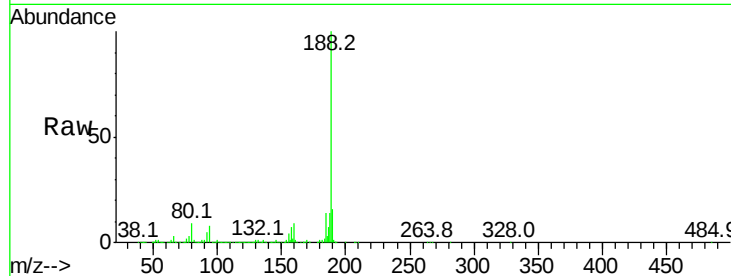
Tot Ion:188 Resp: 902677

Ion Ratio Lower Upper

188 100

94 8.4 5.8 8.8

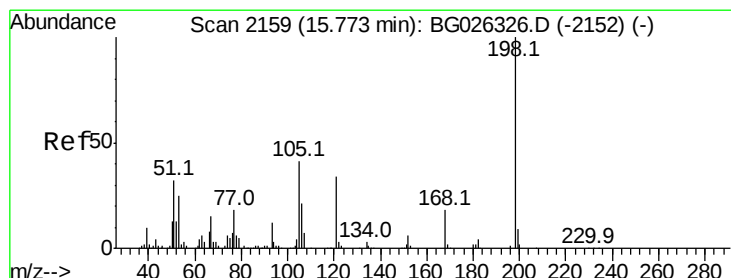
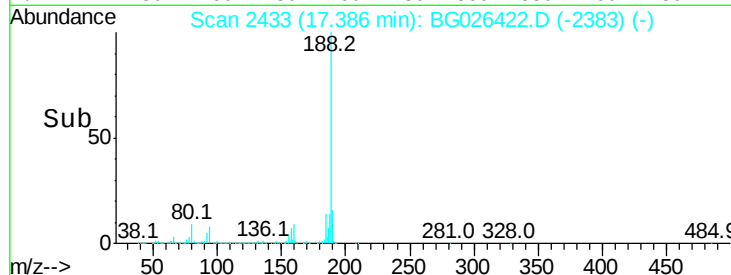
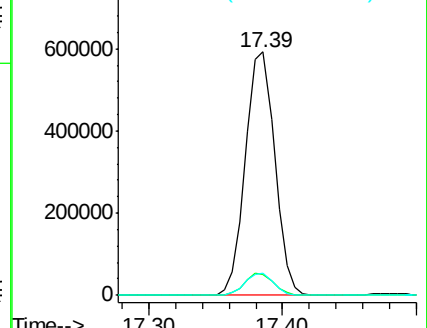
80 8.9 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 52.24 ng

RT: 15.78 min Scan# 2159

Delta R.T. 0.00 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

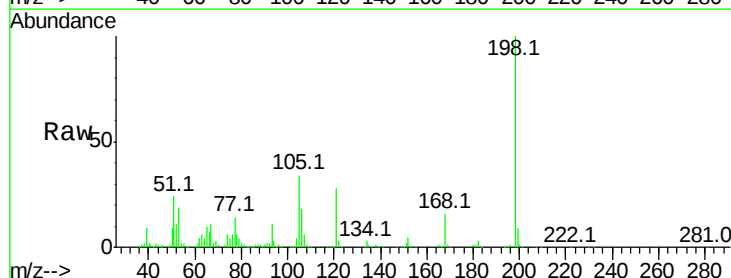
Tgt Ion:198 Resp: 297302

Ion Ratio Lower Upper

198 100

51 23.7 22.6 62.6

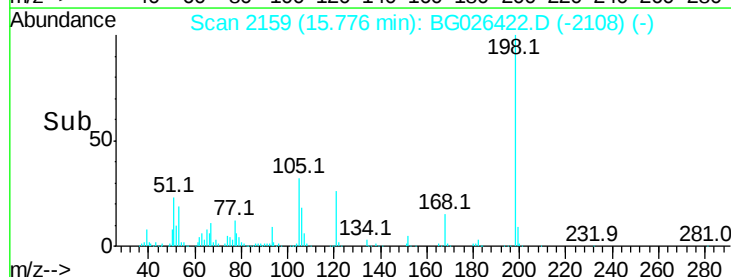
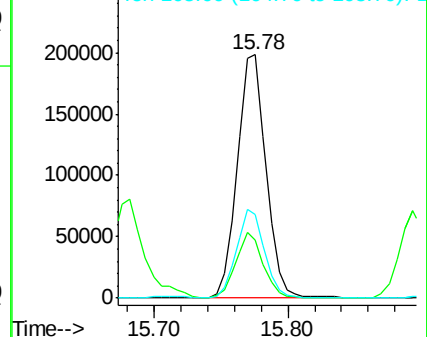
105 34.2 14.4 54.4

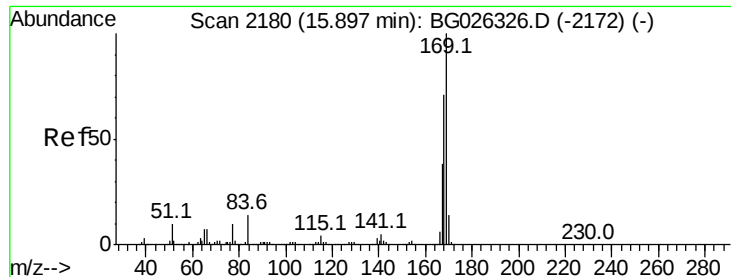


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

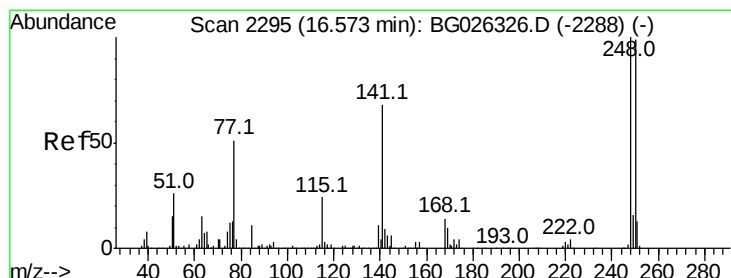
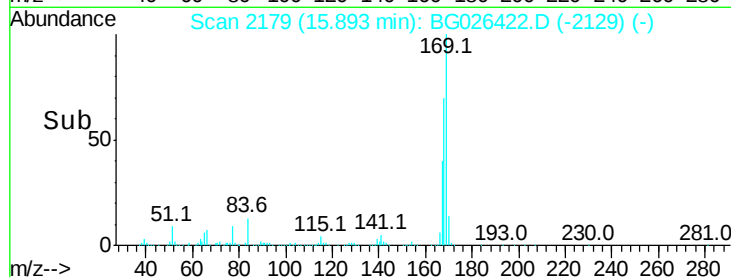
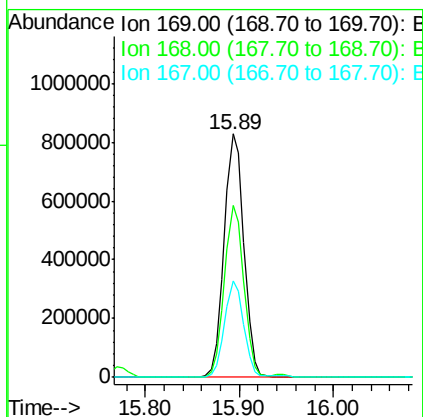
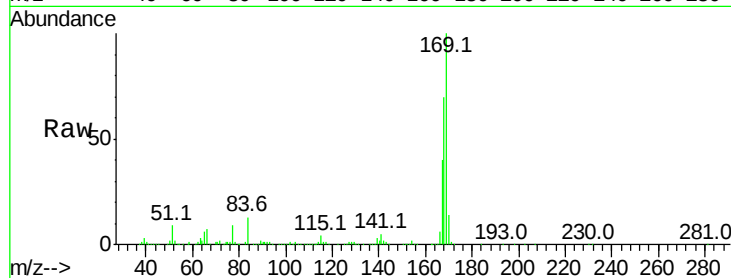




#65
n-Nitrosodiphenylamine
Concen: 45.72 ng
RT: 15.89 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

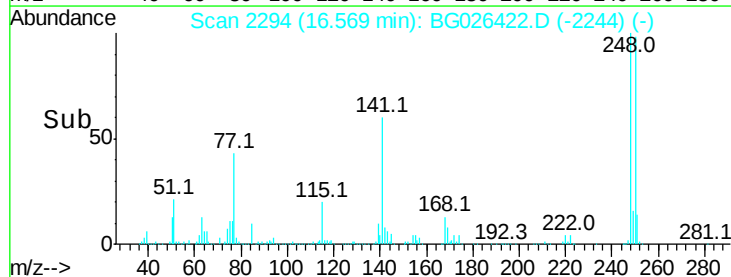
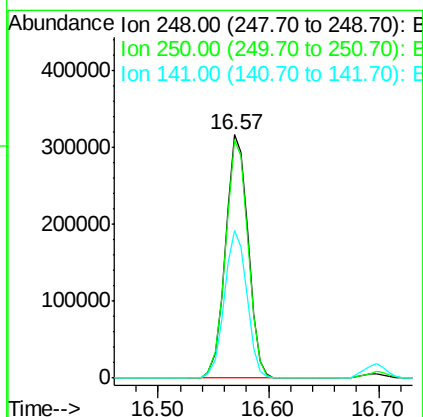
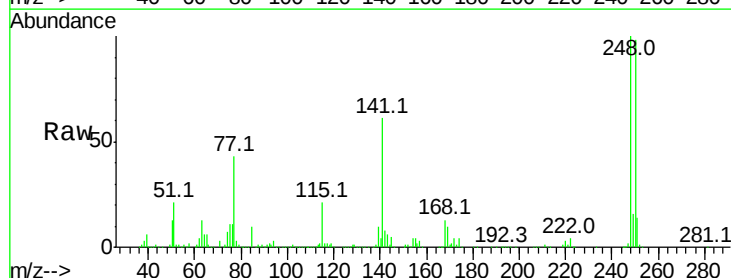
Instrument :
BNA_G
ClientSampleId :
PB97800BS

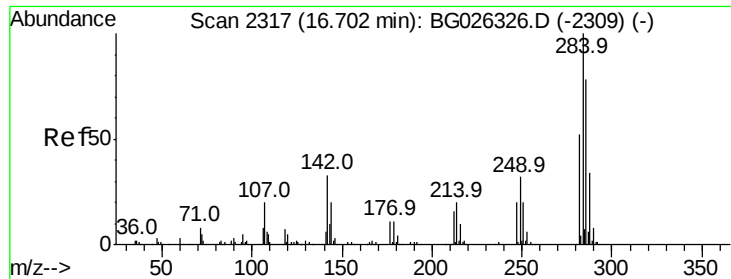
Tot Ion:169 Resp: 1211269
Ion Ratio Lower Upper
169 100
168 70.4 55.7 83.5
167 39.6 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 48.76 ng
RT: 16.57 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

Tgt Ion:248 Resp: 453028
Ion Ratio Lower Upper
248 100
250 98.1 75.0 112.6
141 60.8 55.2 82.8

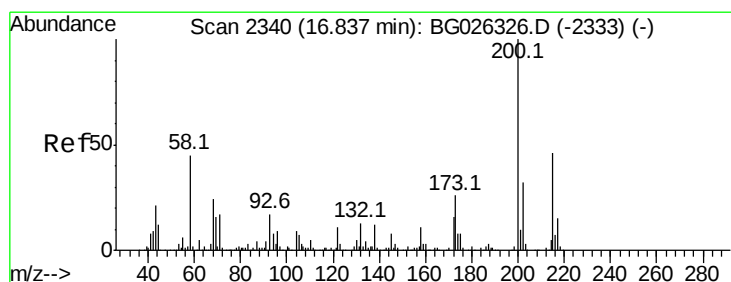
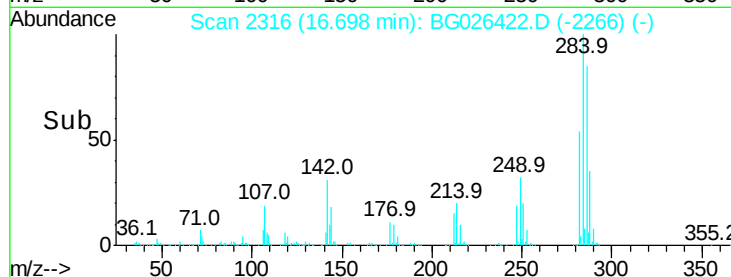
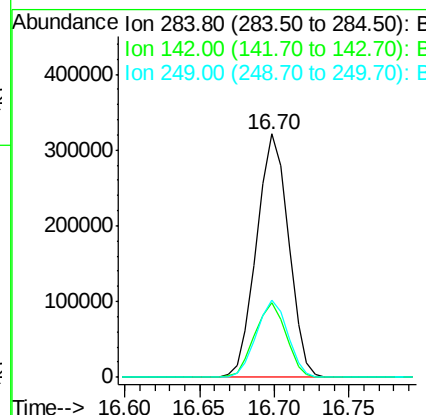
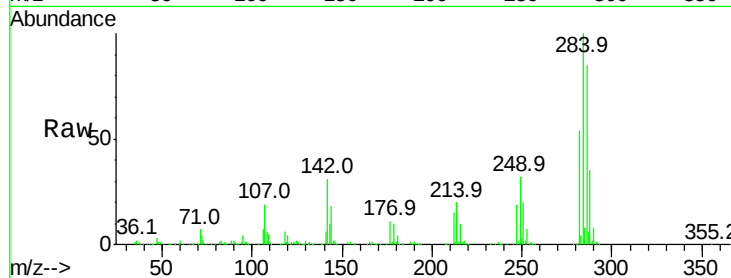




#67
Hexachlorobenzene
Concen: 47.96 ng
RT: 16.70 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

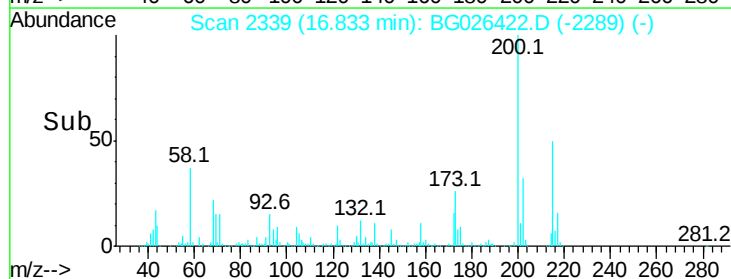
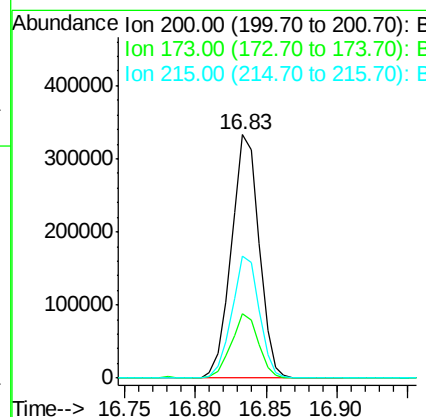
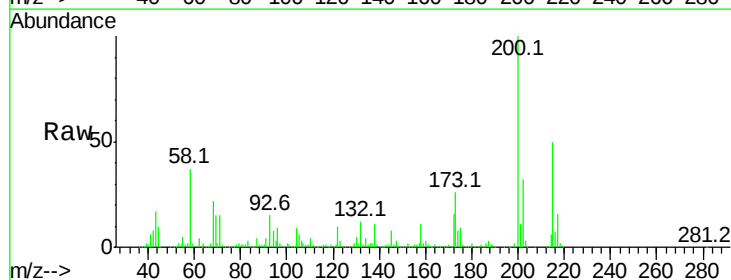
Instrument :
BNA_G
ClientSampleId :
PB97800BS

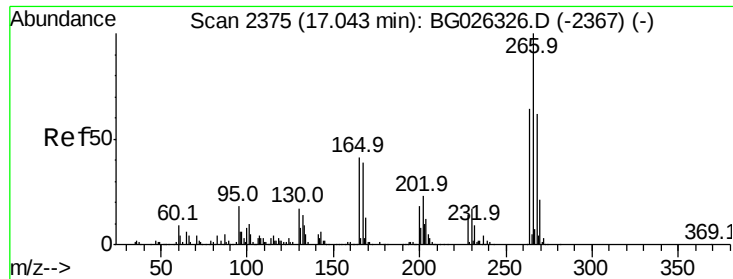
Tot Ion	Ratio	Lower	Upper
284	100		
142	30.6	29.9	44.9
249	32.0	29.2	43.8



#68
Atrazine
Concen: 45.24 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.00 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.5	3.0	43.0
215	50.0	28.4	68.4

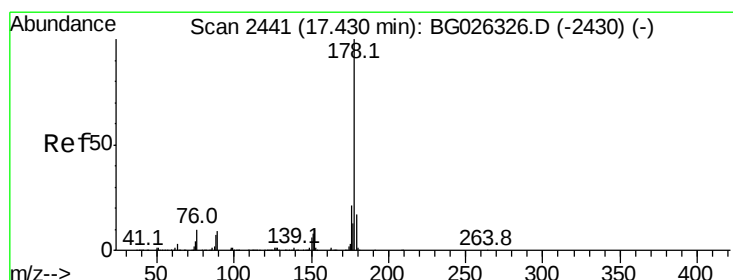
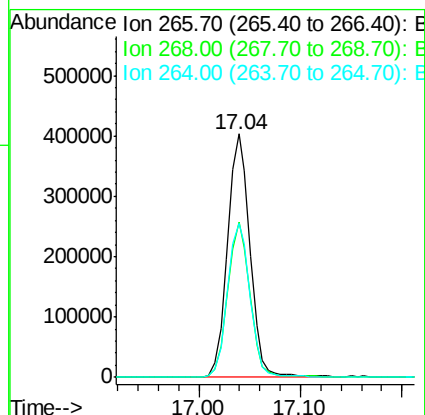
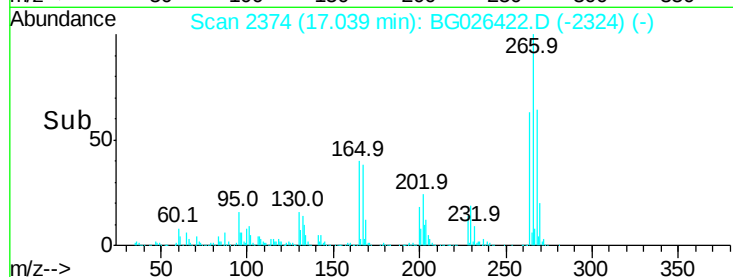
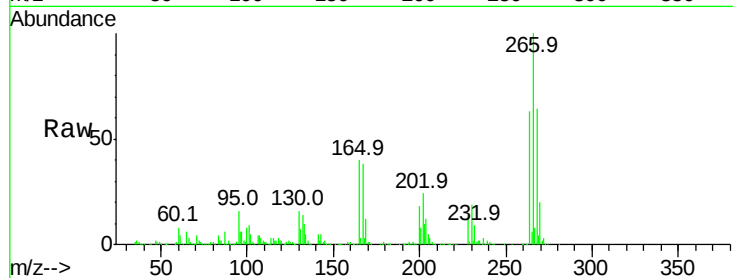




#69
 Pentachlorophenol
 Concen: 96.13 ng
 RT: 17.04 min Scan# 2374
 Delta R.T. -0.00 min
 Lab File: BG026422.D
 Acq: 24 Mar 2017 19:50

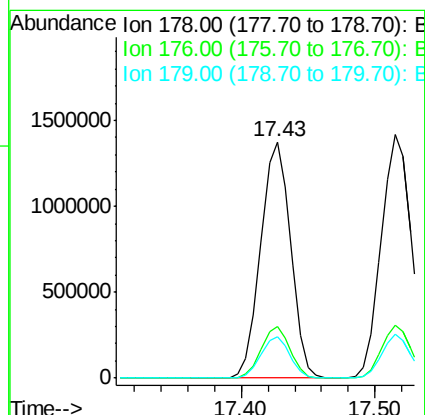
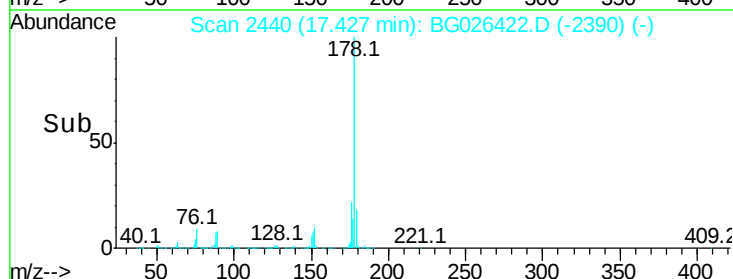
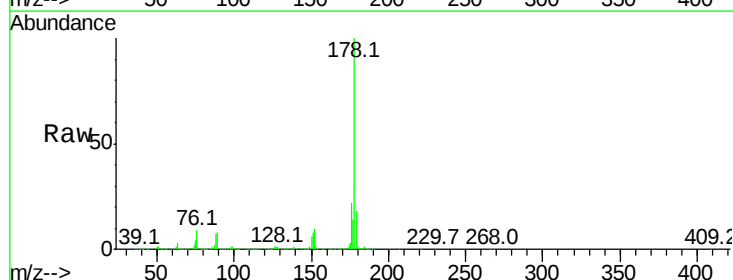
Instrument :
 BNA_G
 ClientSampleId :
 PB97800BS

Tot Ion:266 Resp: 619448
 Ion Ratio Lower Upper
 266 100
 268 63.9 48.6 72.8
 264 63.3 50.1 75.1



#70
 Phenanthrene
 Concen: 44.01 ng
 RT: 17.43 min Scan# 2440
 Delta R.T. -0.00 min
 Lab File: BG026422.D
 Acq: 24 Mar 2017 19:50

Tgt Ion:178 Resp: 2133233
 Ion Ratio Lower Upper
 178 100
 176 22.1 17.7 26.5
 179 17.5 15.0 22.6





#71

Anthracene

Concen: 44.59 ng

RT: 17.51 min Scan# 2455

Delta R.T. -0.00 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

Instrument :

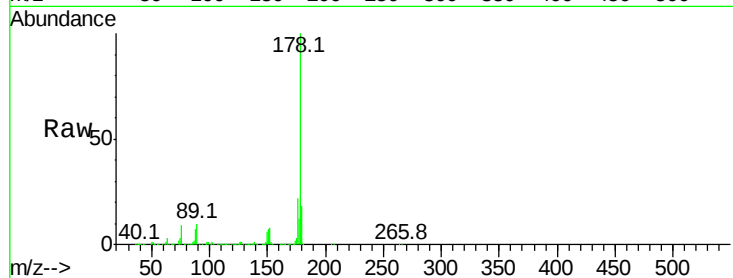
BNA_G

ClientSampleId :

PB97800BS

Tot Ion:178 Resp: 2205397

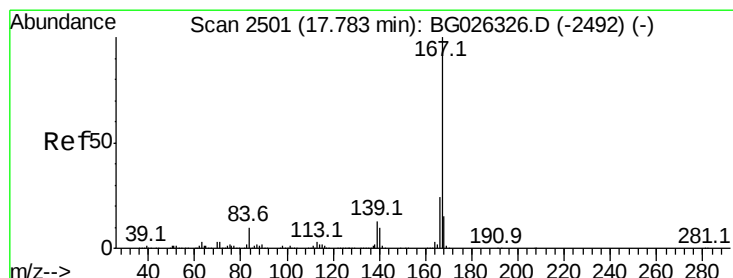
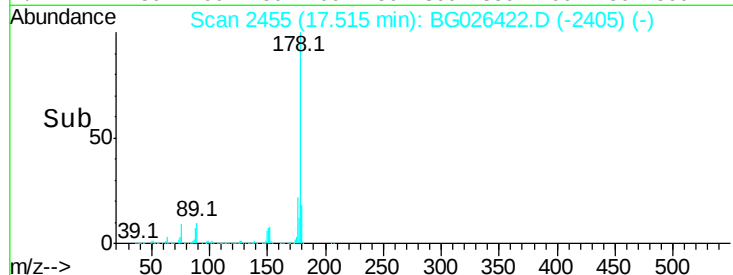
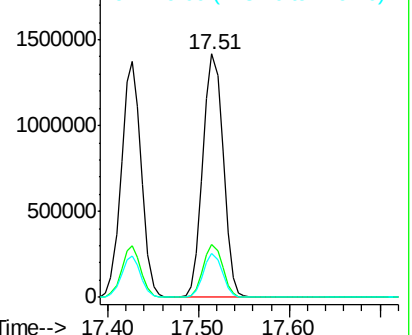
Ion	Ratio	Lower	Upper
178	100		
176	21.6	16.4	24.6
179	18.0	13.8	20.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.63 ng

RT: 17.78 min Scan# 2500

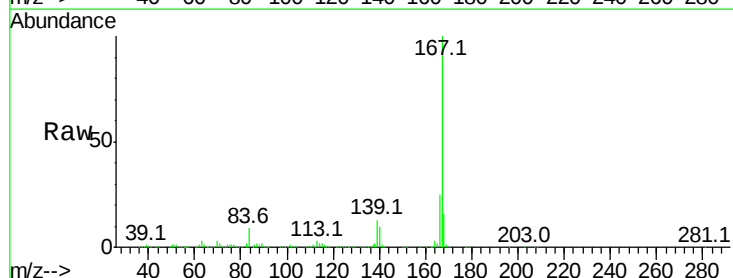
Delta R.T. -0.00 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

Tgt Ion:167 Resp: 2120019

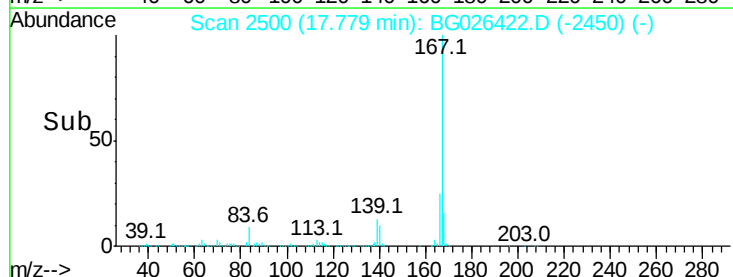
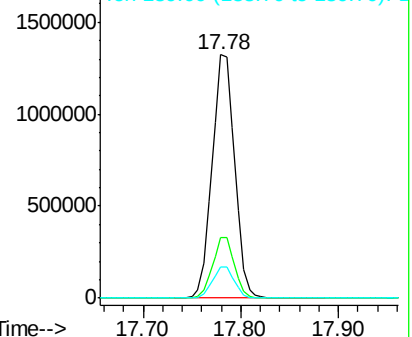
Ion	Ratio	Lower	Upper
167	100		
166	24.9	20.2	30.2
139	12.9	12.8	19.2

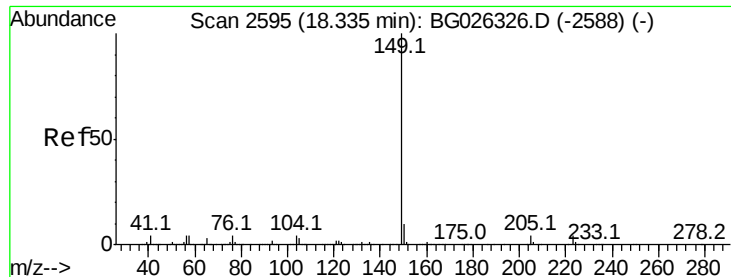


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.22 ng

RT: 18.33 min Scan# 2594

Delta R.T. -0.00 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

Instrument :

BNA_G

ClientSampleId :

PB97800BS

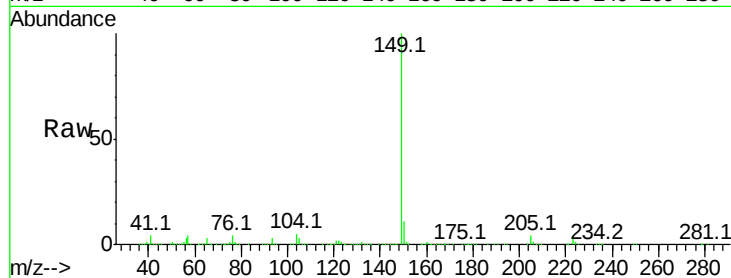
Tot Ion:149 Resp: 2365722

Ion Ratio Lower Upper

149 100

150 11.2 9.1 13.7

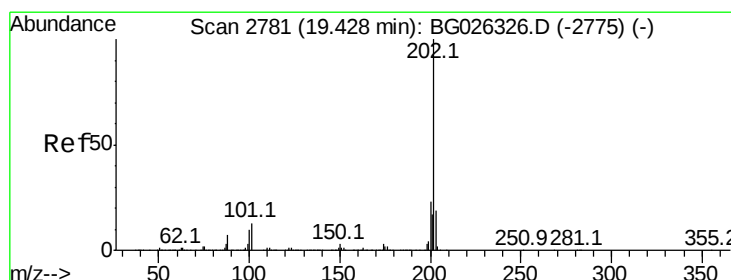
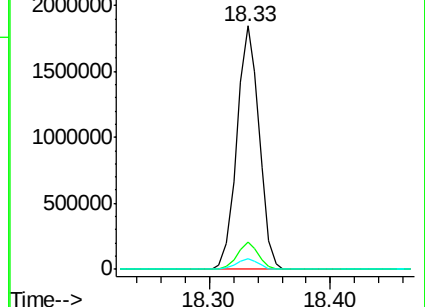
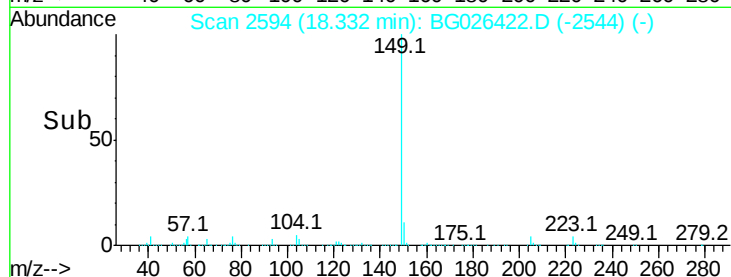
104 4.5 6.7 10.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.97 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

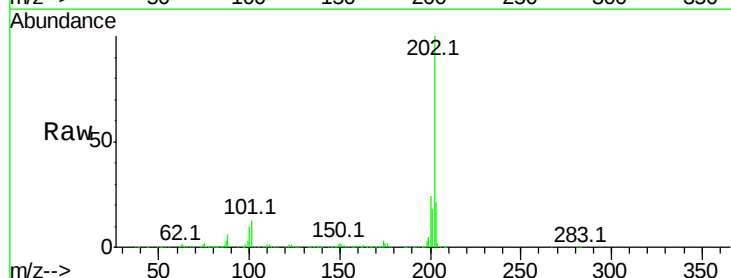
Tgt Ion:202 Resp: 2563316

Ion Ratio Lower Upper

202 100

101 13.3 0.0 30.1

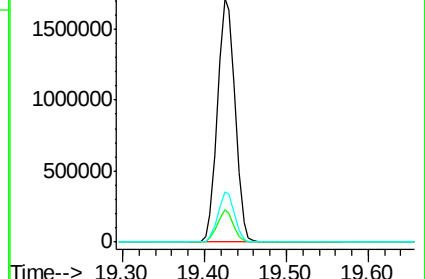
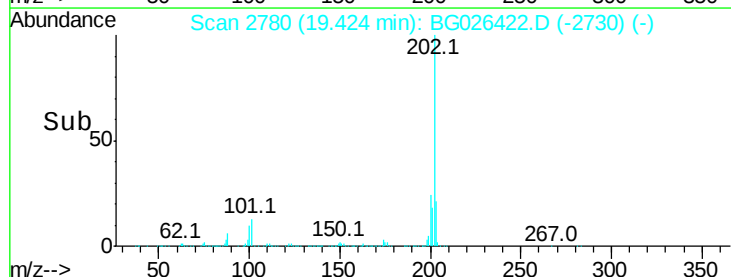
203 20.7 1.3 41.3

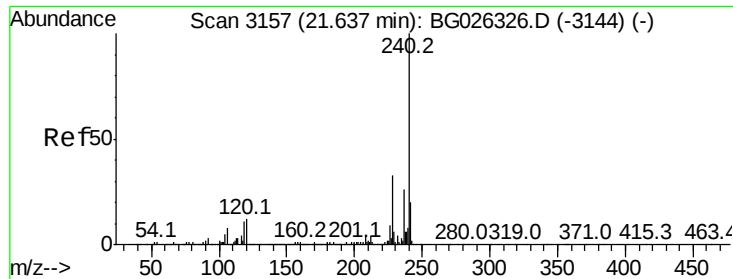


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

Instrument :

BNA_G

ClientSampleId :

PB97800BS

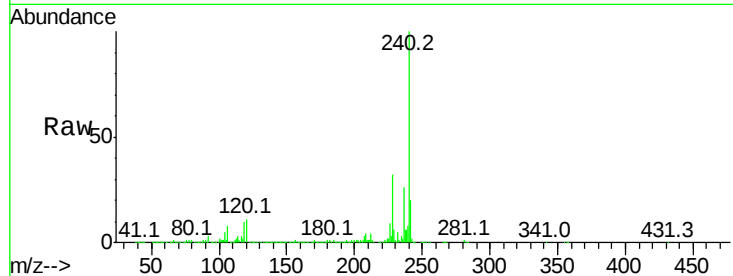
Tot Ion:240 Resp: 1016718

Ion Ratio Lower Upper

240 100

120 10.8 5.7 8.5#

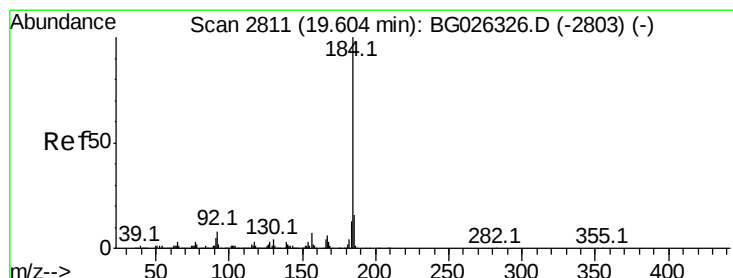
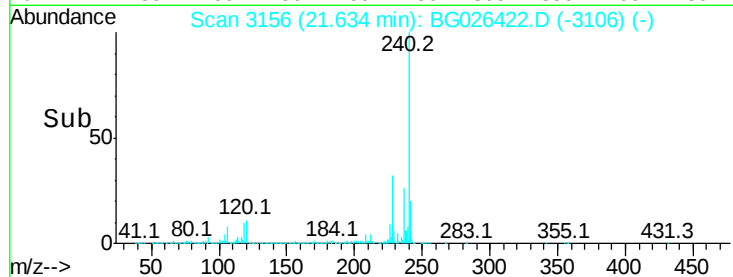
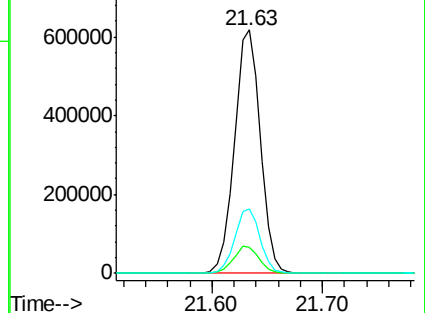
236 26.2 22.2 33.4



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



#76

Benzidine

Concen: 18.90 ng

RT: 19.60 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

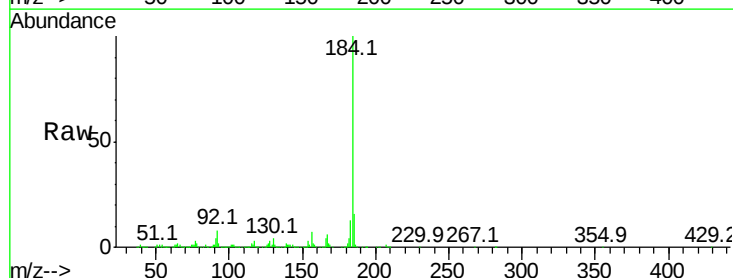
Tgt Ion:184 Resp: 662474

Ion Ratio Lower Upper

184 100

185 15.7 13.0 19.6

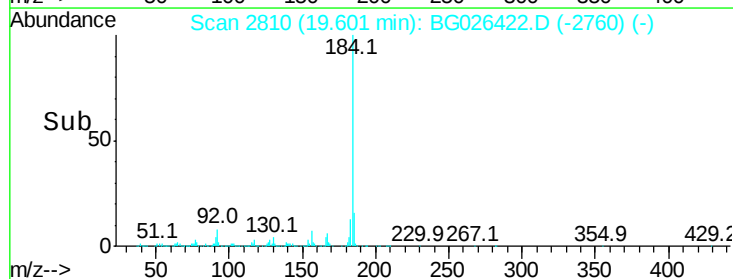
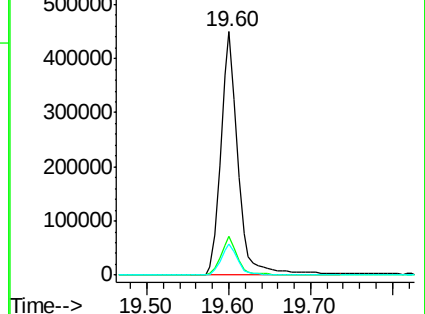
183 12.8 11.0 16.6

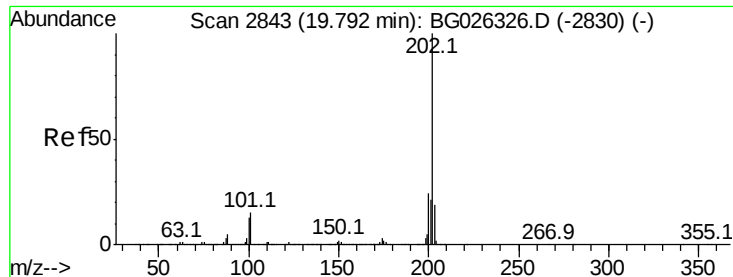


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

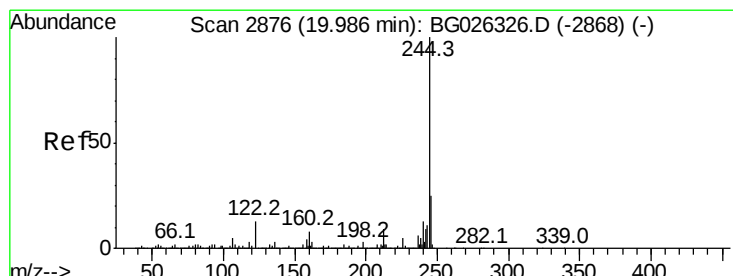
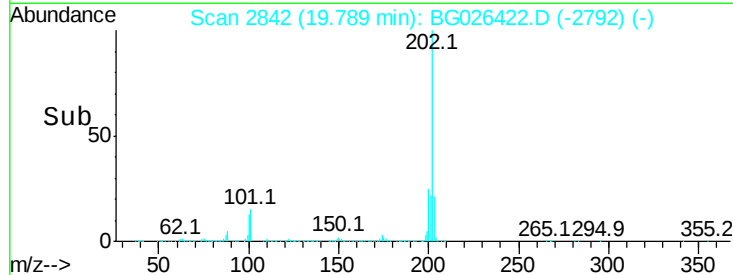
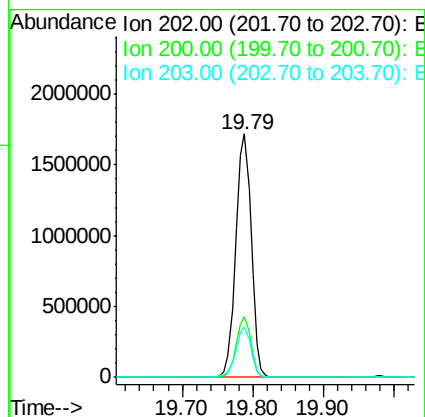
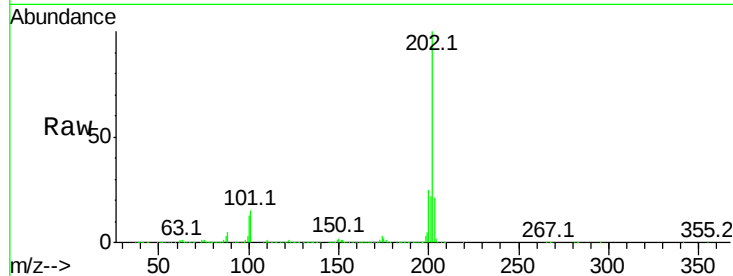




#77
Pvrene
Concen: 44.47 ng
RT: 19.79 min Scan# 2842
Delta R.T. -0.00 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

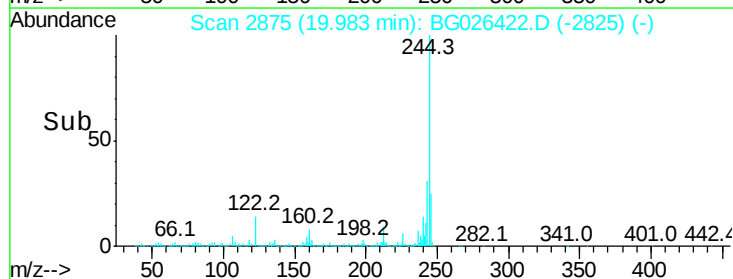
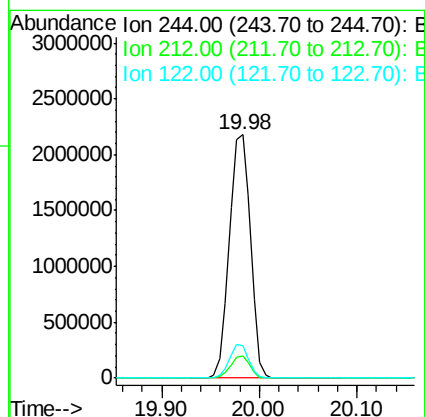
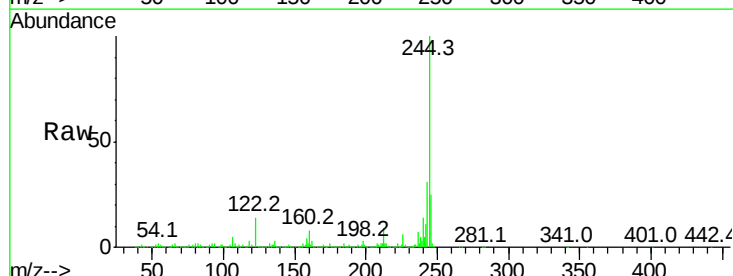
Instrument :
BNA_G
ClientSampleId :
PB97800BS

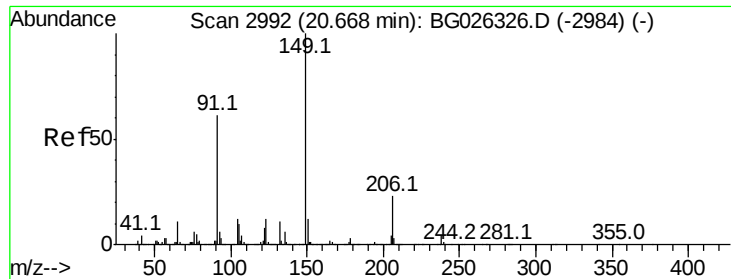
Tot Ion:202 Resp: 2618142
Ion Ratio Lower Upper
202 100
200 24.8 19.6 29.4
203 20.8 15.8 23.8



#78
Terphenyl-d14
Concen: 78.21 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.00 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

Tgt Ion:244 Resp: 3274222
Ion Ratio Lower Upper
244 100
212 9.2 10.0 15.0#
122 13.6 8.6 12.8#

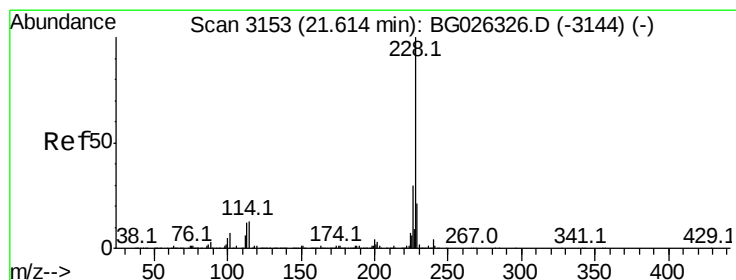
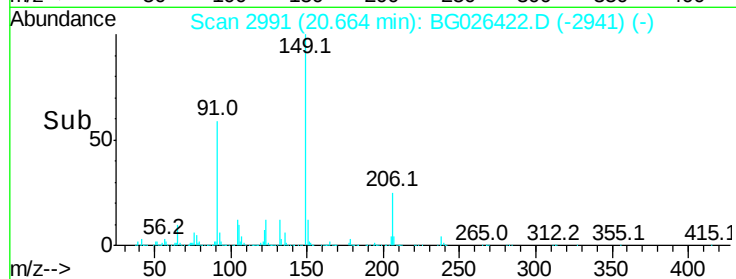
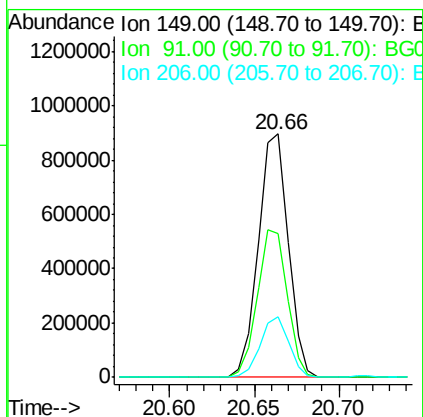
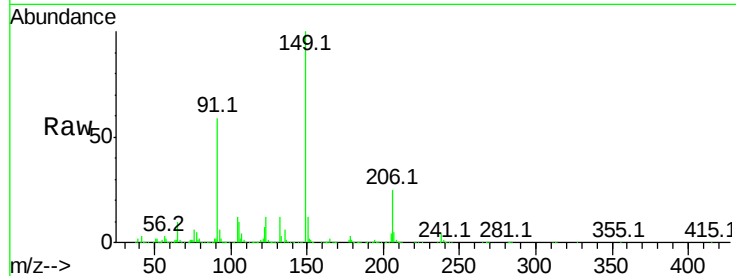




#79
Butylbenzylphthalate
Concen: 47.05 ng
RT: 20.66 min Scan# 2991
Delta R.T. -0.00 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

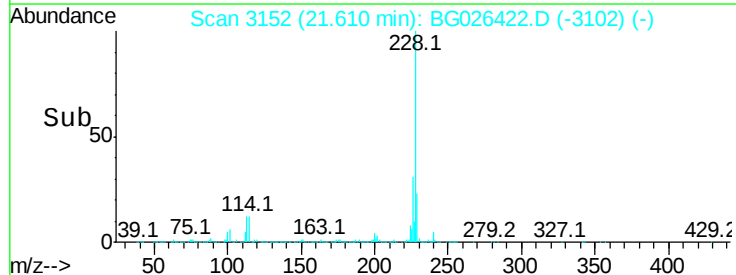
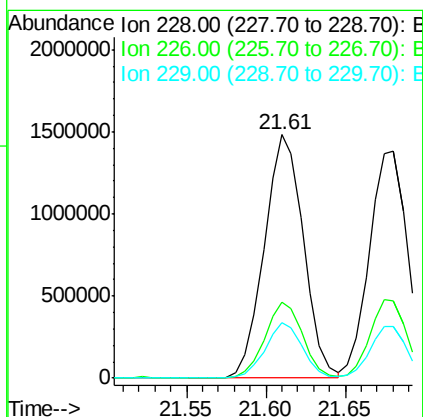
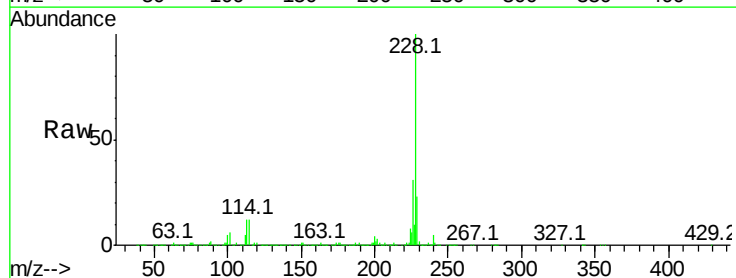
Instrument :
BNA_G
ClientSampleId :
PB97800BS

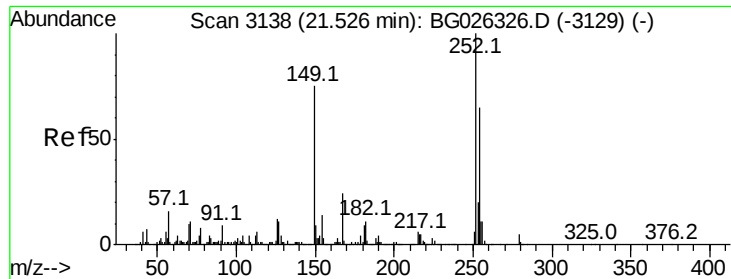
Tot Ion:149 Resp: 1108364
Ion Ratio Lower Upper
149 100
91 59.2 63.5 95.3#
206 24.9 21.0 31.6



#80
Benzo(a)anthracene
Concen: 44.41 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.00 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

Tgt Ion:228 Resp: 2540992
Ion Ratio Lower Upper
228 100
226 31.2 24.9 37.3
229 22.6 18.2 27.2

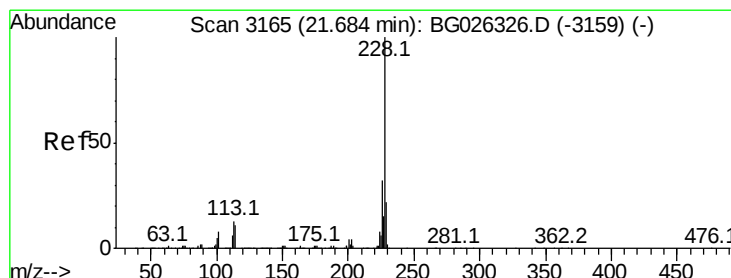
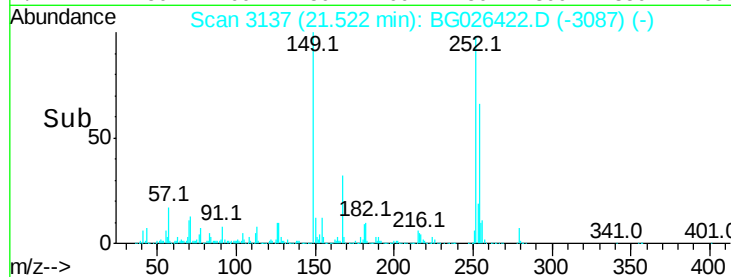
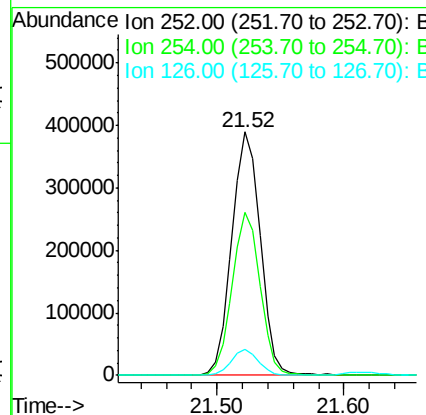
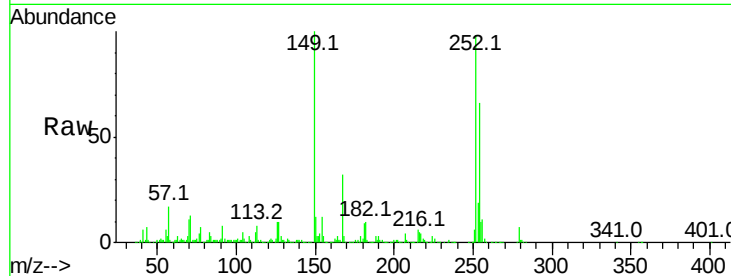




#81
 3,3'-Dichlorobenzidine
 Concen: 25.93 ng
 RT: 21.52 min Scan# 3137
 Delta R.T. -0.00 min
 Lab File: BG026422.D
 Acq: 24 Mar 2017 19:50

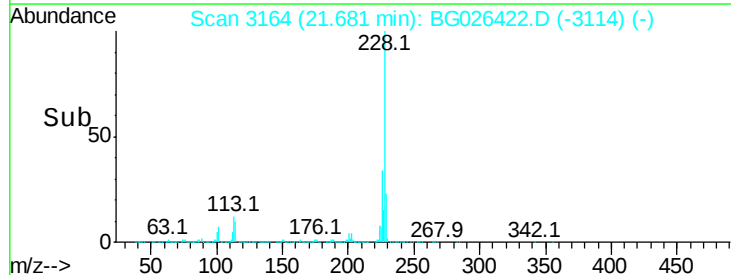
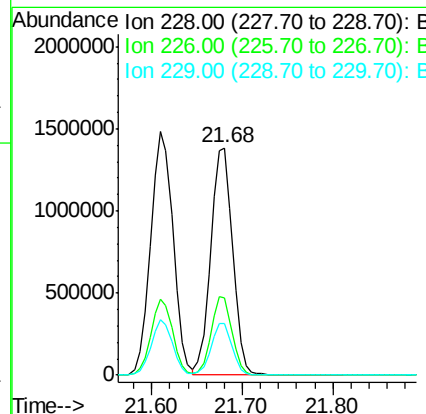
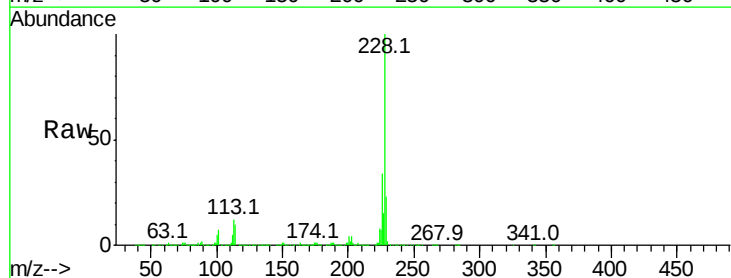
Instrument :
 BNA_G
 ClientSampleId :
 PB97800BS

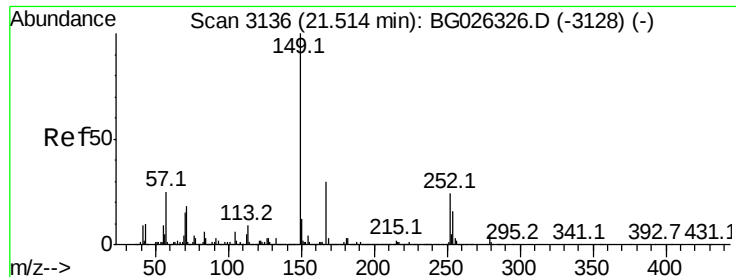
Tot Ion:252 Resp: 607278
 Ion Ratio Lower Upper
 252 100
 254 67.2 53.1 79.7
 126 10.6 7.0 10.4#



#82
 Chrysene
 Concen: 42.60 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.00 min
 Lab File: BG026422.D
 Acq: 24 Mar 2017 19:50

Tgt Ion:228 Resp: 2328690
 Ion Ratio Lower Upper
 228 100
 226 33.7 27.0 40.4
 229 22.5 17.8 26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.15 ng

RT: 21.51 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

Instrument :

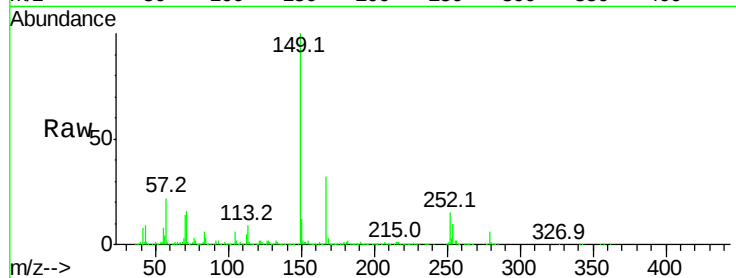
BNA_G

ClientSampleId :

PB97800BS

Tot Ion:149 Resp: 1570692

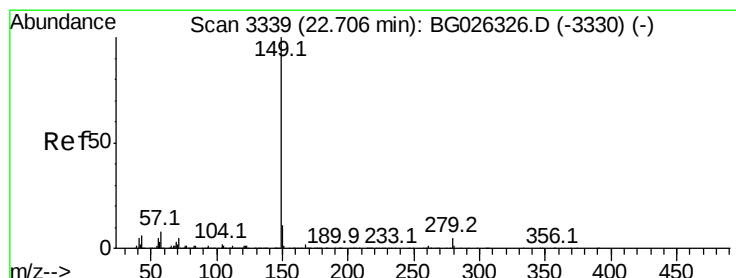
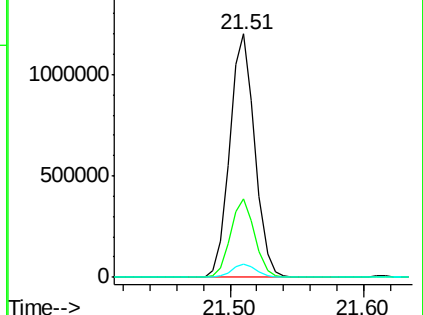
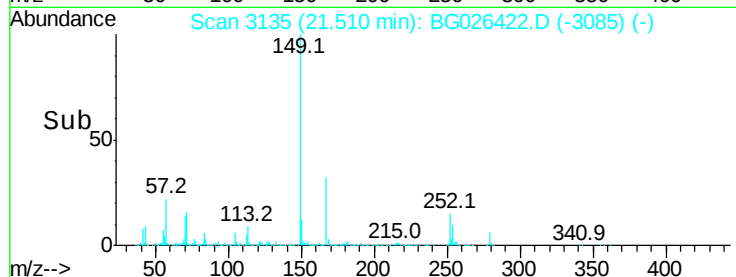
Ion	Ratio	Lower	Upper
149	100		
167	32.2	23.7	35.5
279	5.7	4.6	6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.56 ng

RT: 22.70 min Scan# 3337

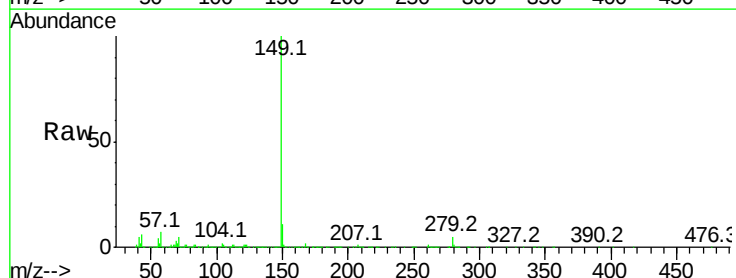
Delta R.T. -0.01 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

Tgt Ion:149 Resp: 2705601

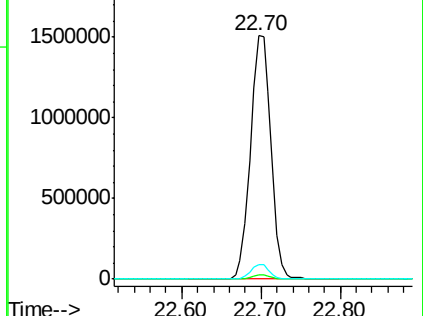
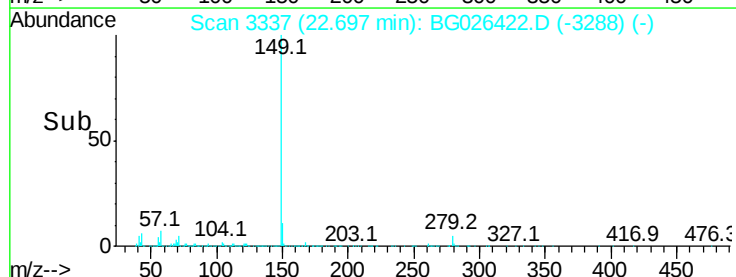
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	5.6	11.8	17.6#



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: 48.19 ng

RT: 28.44 min Scan# 4315

Delta R.T. -0.02 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

Instrument :

BNA_G

ClientSampleId :

PB97800BS

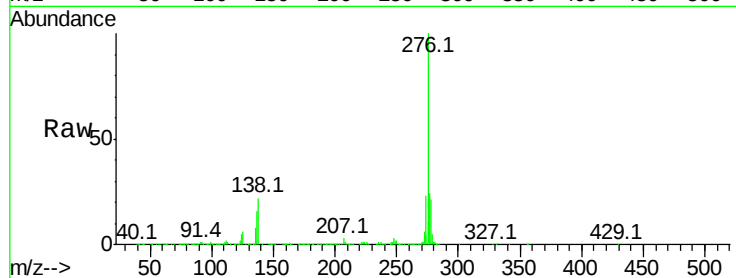
Tot Ion:276 Resp: 3252563

Ion Ratio Lower Upper

276 100

138 26.5 4.7 7.1#

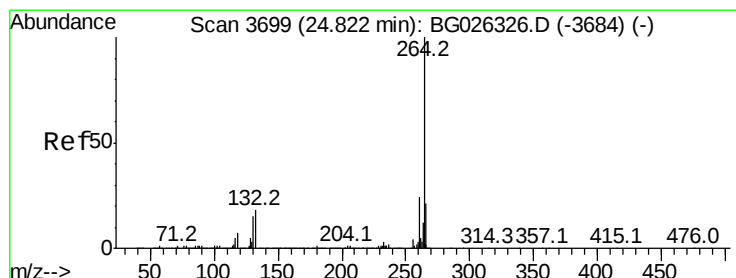
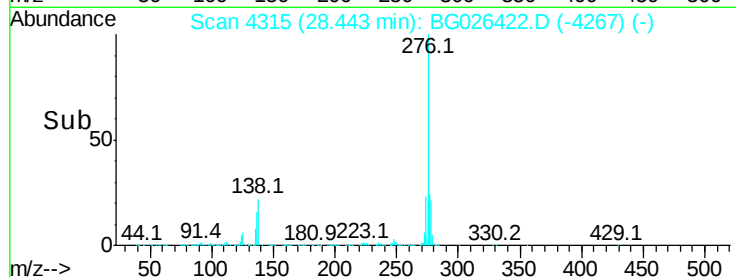
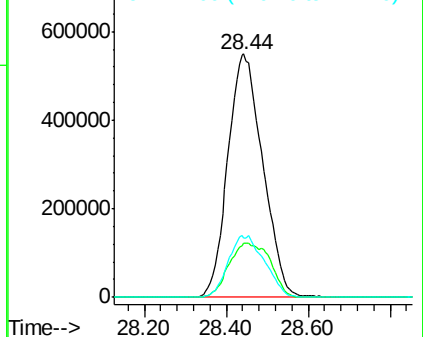
277 26.4 20.6 31.0



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# 3696

Delta R.T. -0.02 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

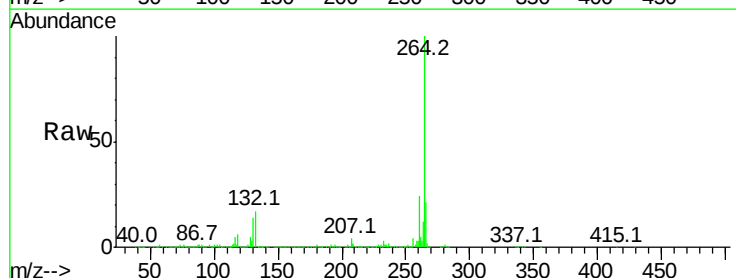
Tgt Ion:264 Resp: 1021655

Ion Ratio Lower Upper

264 100

260 23.8 21.8 32.8

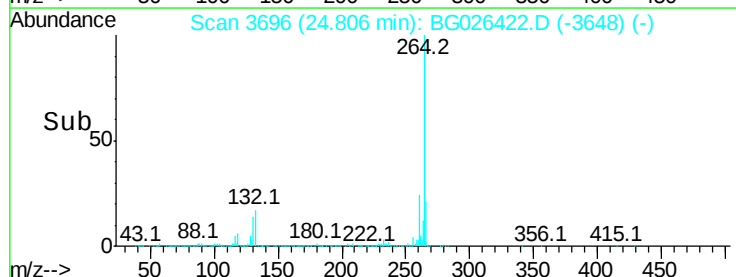
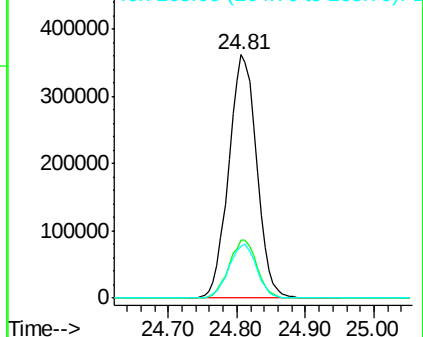
265 21.3 18.2 27.4

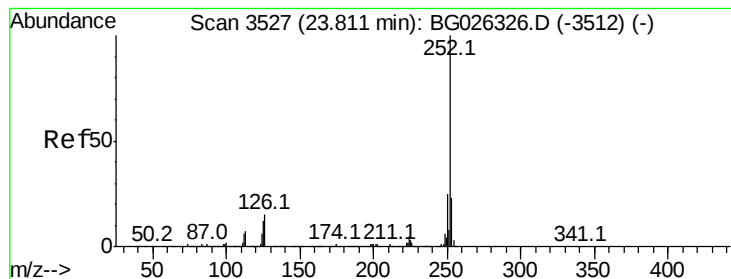


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 45.42 ng

RT: 23.80 min Scan# 3525

Delta R.T. -0.01 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

Instrument :

BNA_G

ClientSampled :

PB97800BS

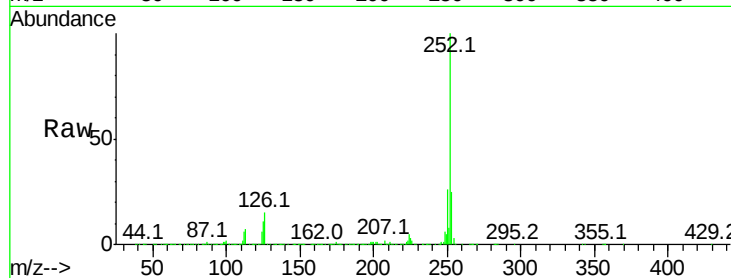
Tot Ion:252 Resp: 2735727

Ion Ratio Lower Upper

252 100

253 25.0 18.7 28.1

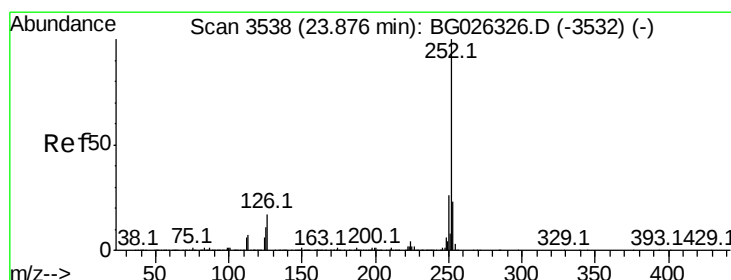
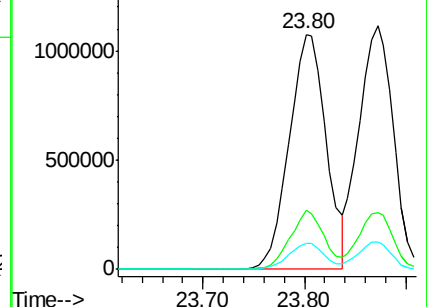
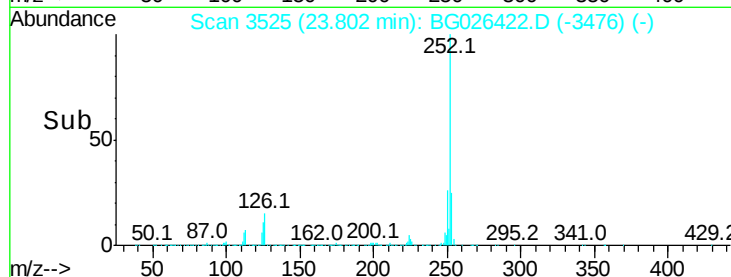
125 11.2 5.3 7.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.91 ng

RT: 23.87 min Scan# 3537

Delta R.T. -0.00 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

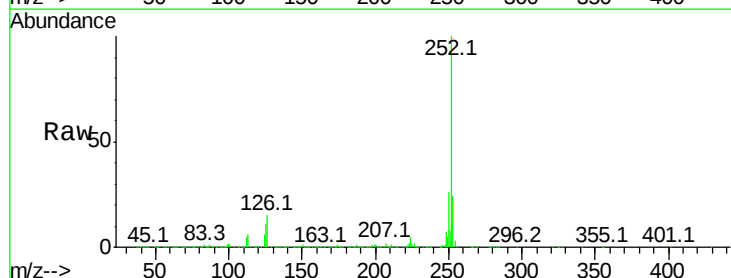
Tgt Ion:252 Resp: 2622717

Ion Ratio Lower Upper

252 100

253 23.5 20.2 30.2

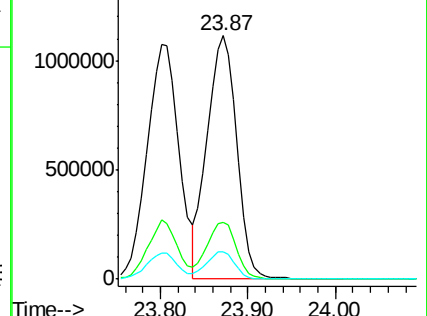
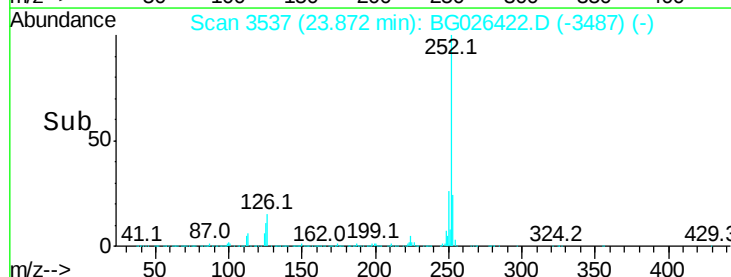
125 11.5 5.1 7.7#

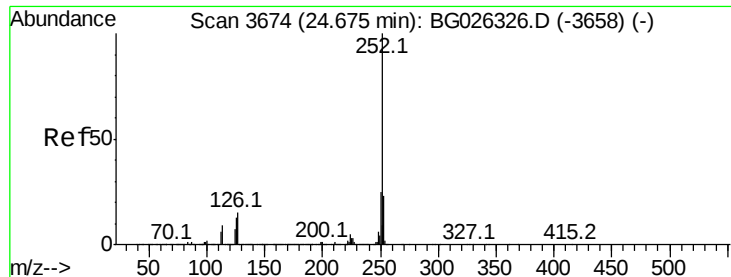


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 45.63 ng

RT: 24.67 min Scan# 3672

Delta R.T. -0.01 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

Instrument :

BNA_G

ClientSampleId :

PB97800BS

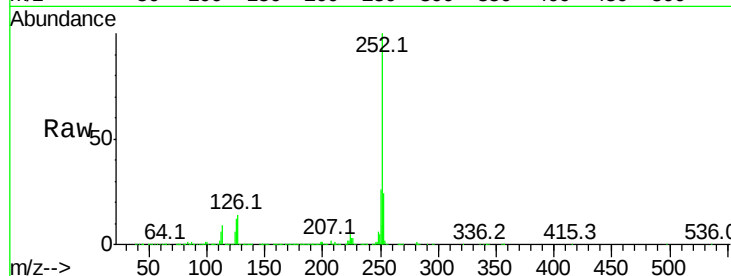
Tot Ion:252 Resp: 2636021

Ion Ratio Lower Upper

252 100

253 23.6 19.2 28.8

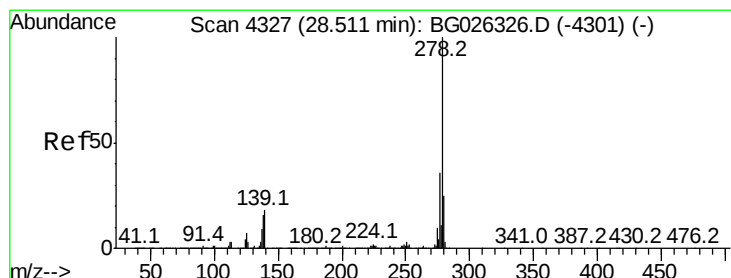
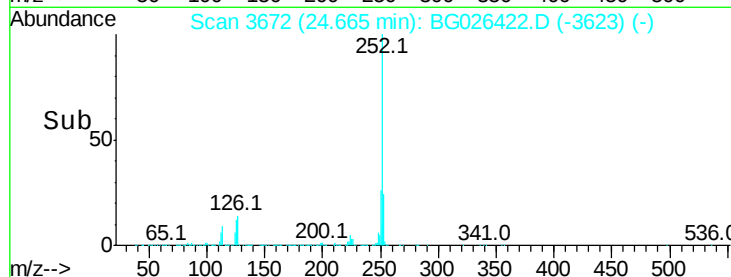
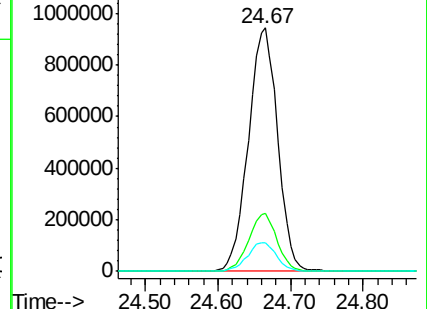
125 11.9 5.4 8.0#



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: 46.61 ng

RT: 28.50 min Scan# 4325

Delta R.T. -0.01 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

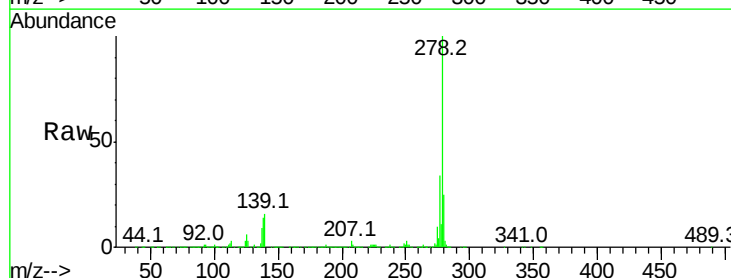
Tgt Ion:278 Resp: 2720812

Ion Ratio Lower Upper

278 100

139 16.5 7.7 11.5#

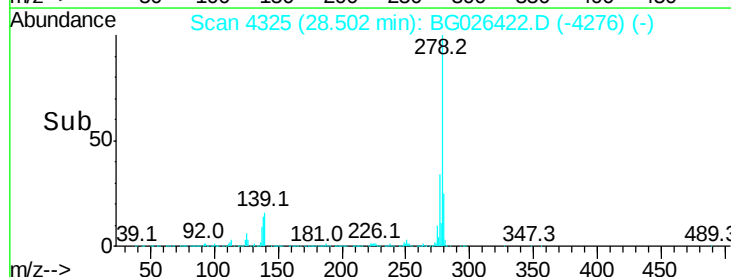
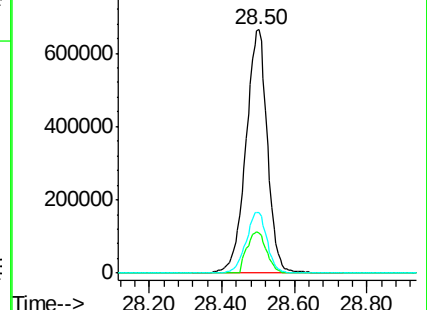
279 25.0 19.1 28.7

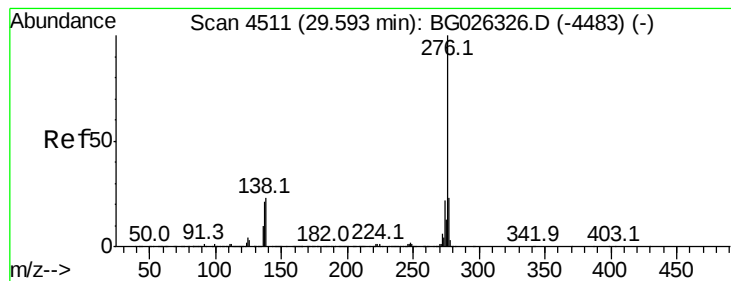


Abundance Ion 278.00 (277.70 to 278.70): E

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: 46.33 ng

RT: 29.58 min Scan# 4508

Delta R.T. -0.02 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

Instrument :

BNA_G

ClientSampleId :

PB97800BS

Tot Ion:276 Resp: 2725040

Ion Ratio Lower Upper

276 100

277 24.5 18.6 27.8

138 22.2 8.1 12.1#

