

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 23:44:52 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	167889m	50.84	ng	#
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

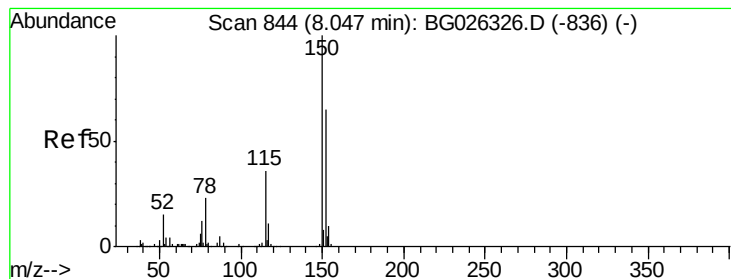
Data Path : Z:\HPCHEM1\BNA G\DATA\BG032517\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	366208	50.96	nq	96
43) 2,4,5-Trichlorophenol	13.17	196	391002	49.22	nq	# 91
45) 1,1'-Biphenyl	13.49	154	1316988	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

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PB97800BS

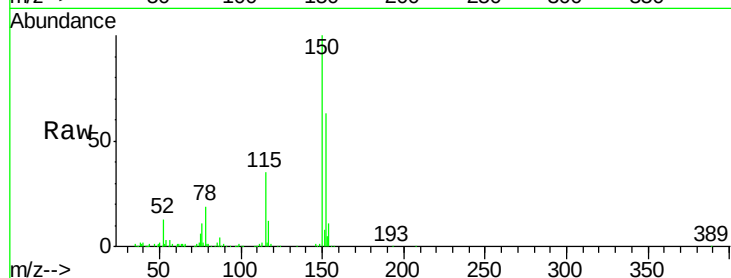
Tot Ion:152 Resp: 138364

Ion Ratio Lower Upper

152 100

150 159.0 114.0 171.0

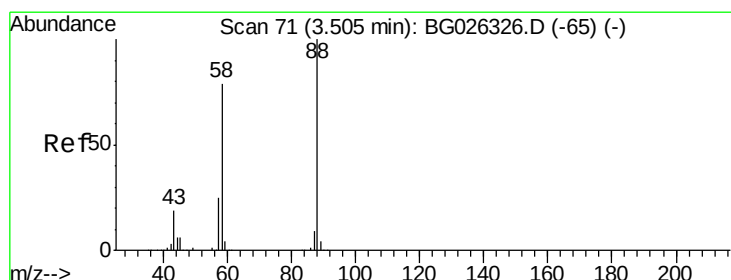
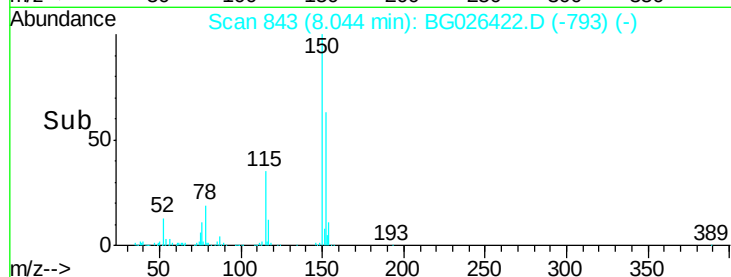
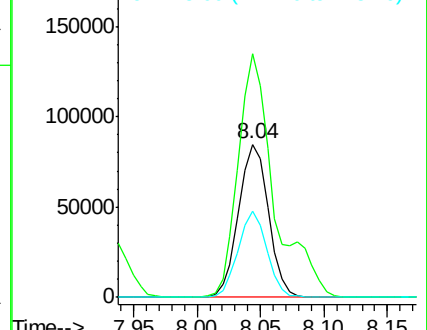
115 56.0 48.1 72.1



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

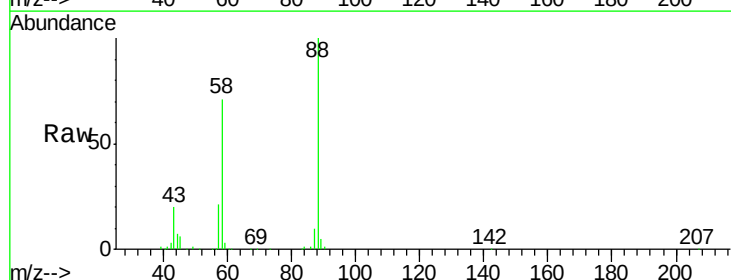
Tgt Ion: 88 Resp: 112330

Ion Ratio Lower Upper

88 100

58 71.5 79.4 119.2#

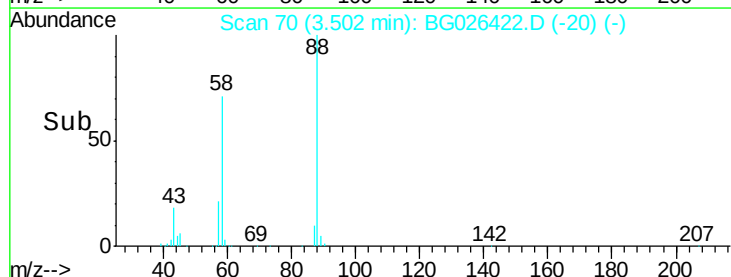
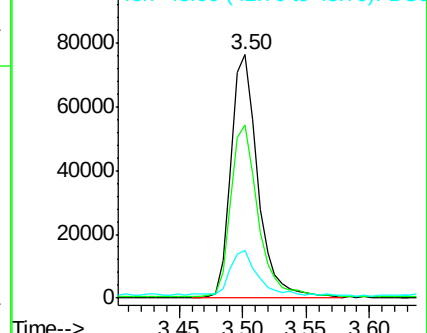
43 18.6 33.8 50.6#

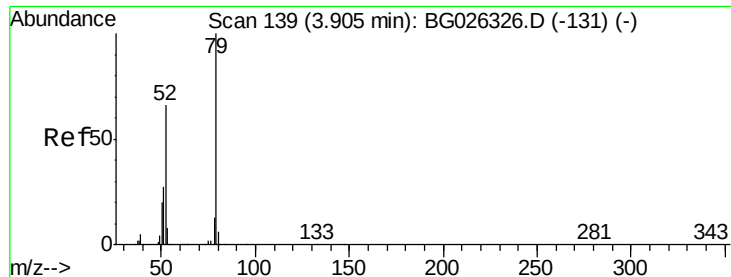


Abundance Ion 88.00 (87.70 to 88.70): BGC

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

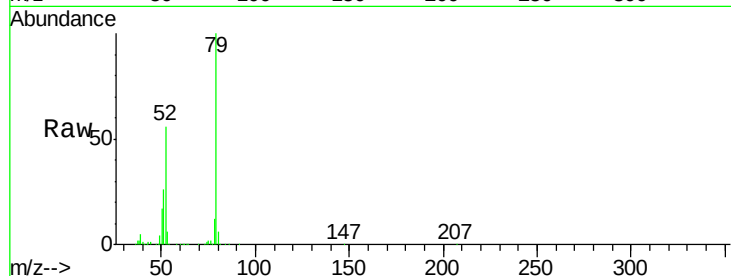
Tot Ion: 79 Resp: 300897

Ion Ratio Lower Upper

79 100

52 55.6 77.8 116.6#

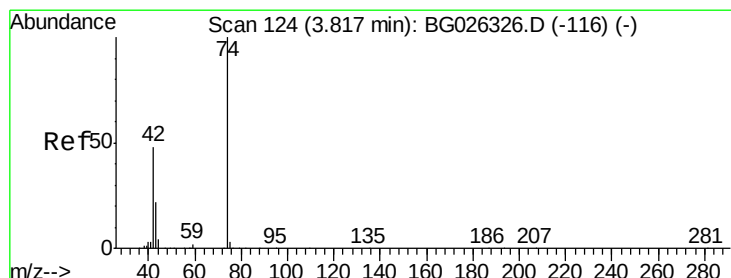
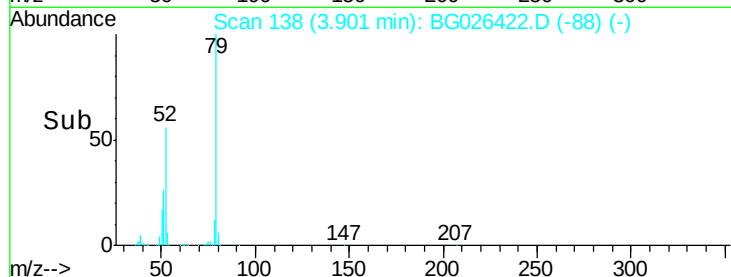
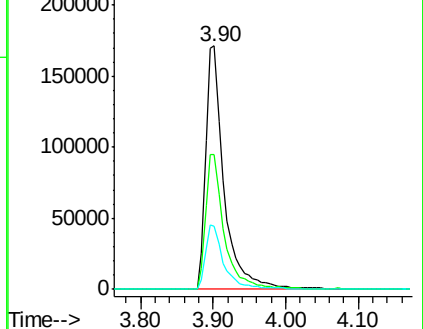
51 26.1 43.2 64.8#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 38.40 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.00 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

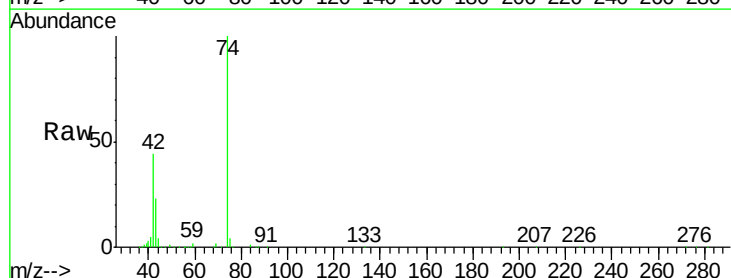
Tgt Ion: 42 Resp: 100573

Ion Ratio Lower Upper

42 100

74 224.7 76.7 115.1#

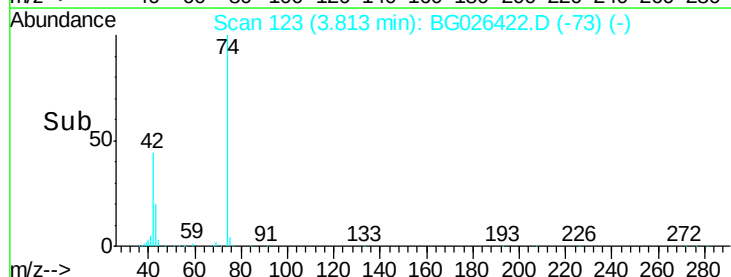
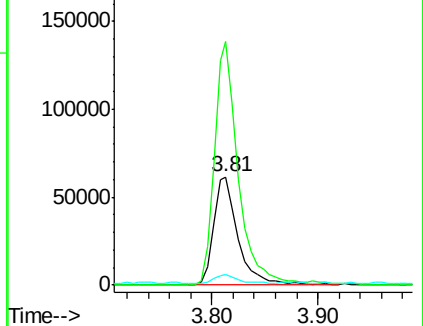
44 9.8 6.1 9.1#

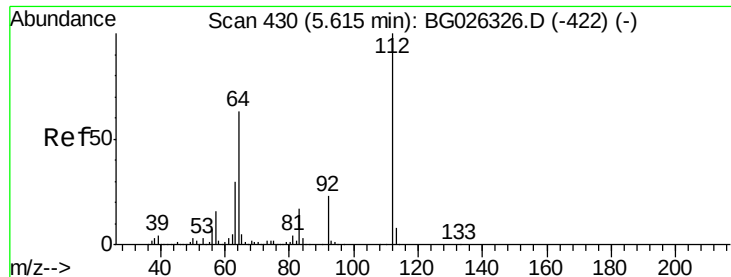


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 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

ClientSampleId :

PB97800BS

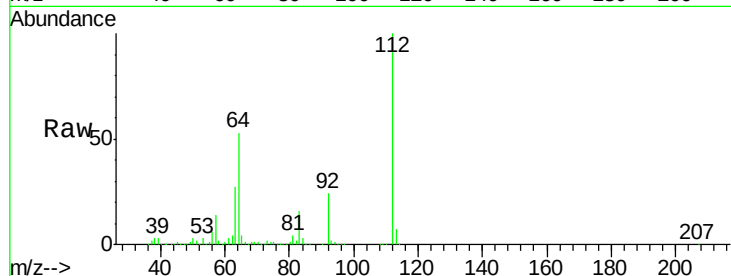
Tot Ion:112 Resp: 1138876

Ion Ratio Lower Upper

112 100

64 53.1 61.8 92.6#

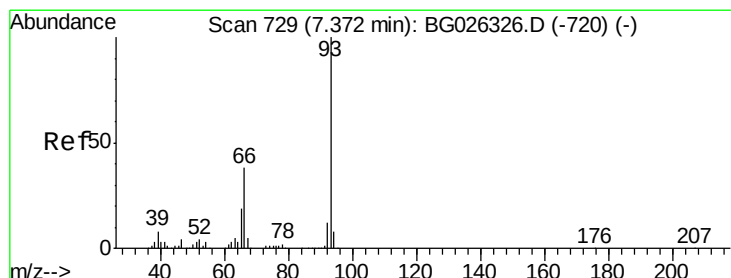
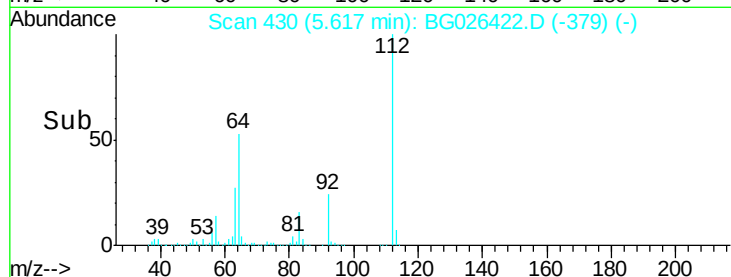
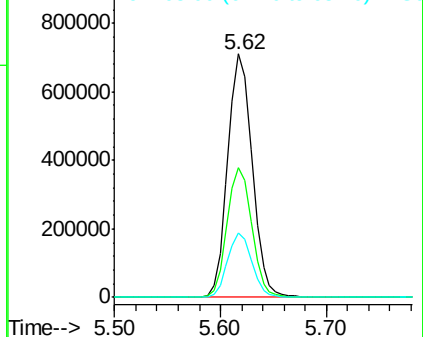
63 26.7 37.2 55.8#



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

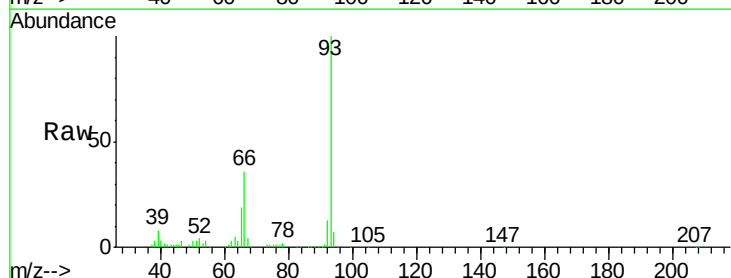
Tgt Ion: 93 Resp: 261939

Ion Ratio Lower Upper

93 100

66 36.3 35.4 53.2

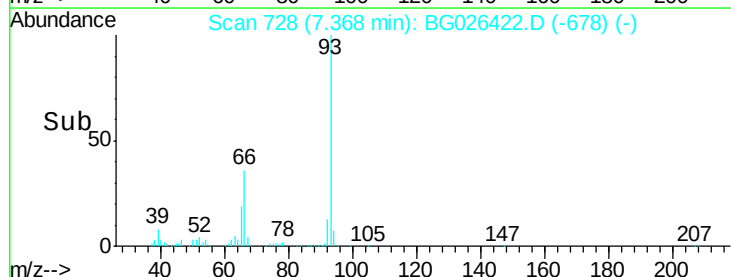
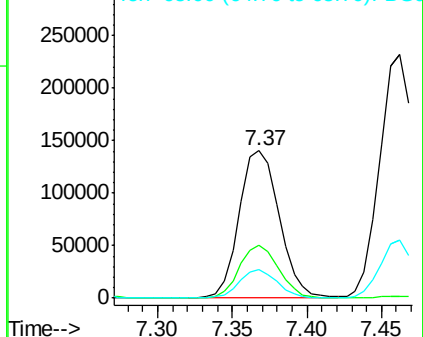
65 19.2 21.2 31.8#

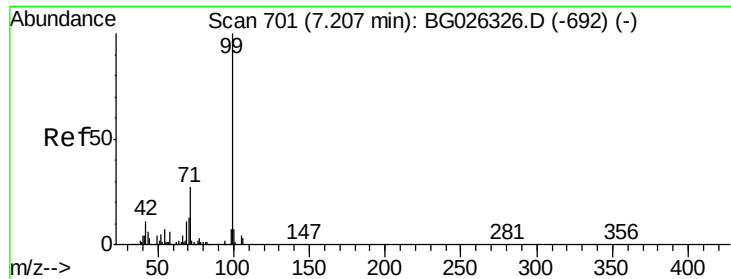


Abundance Ion 93.00 (92.70 to 93.70): BGC

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

Acq: 24 Mar 2017 19:50

Instrument :

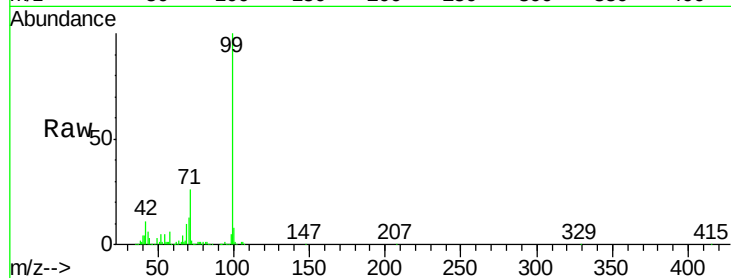
BNA_G

ClientSampleId :

PB97800BS

Tot Ion: 99 Resp: 1486699

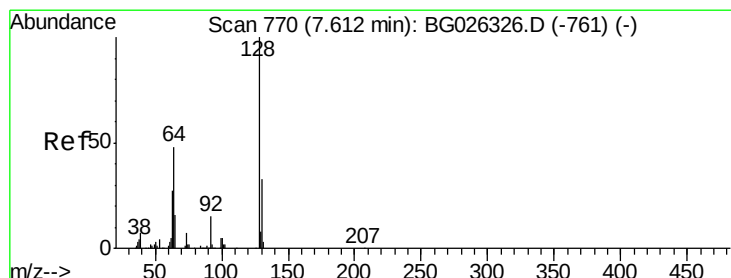
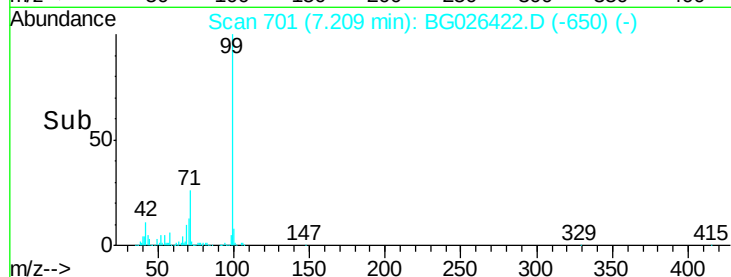
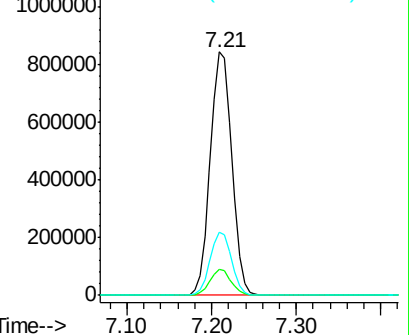
Ion	Ratio	Lower	Upper
99	100		
42	10.6	20.5	30.7#
71	26.2	37.6	56.4#



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 48.76 ng

RT: 7.61 min Scan# 770

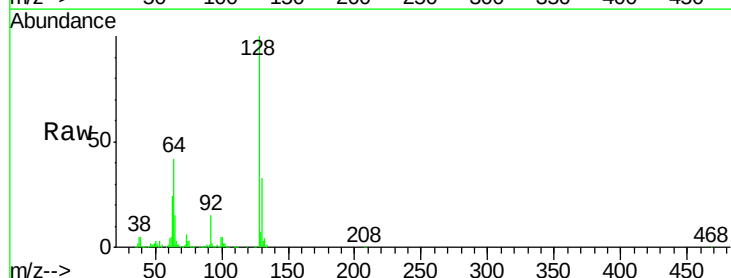
Delta R.T. 0.00 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

Tgt Ion:128 Resp: 428022

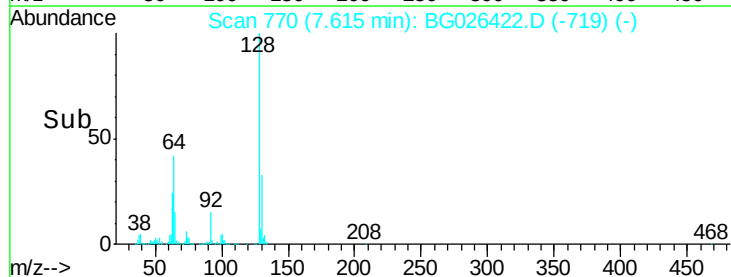
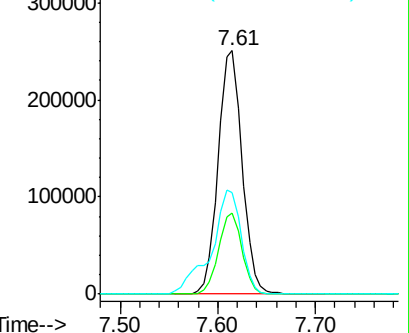
Ion	Ratio	Lower	Upper
128	100		
130	33.1	11.4	51.4
64	41.7	46.6	86.6#

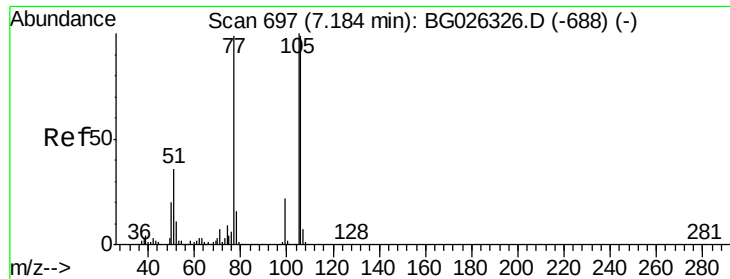


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 14.43 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

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PB97800BS

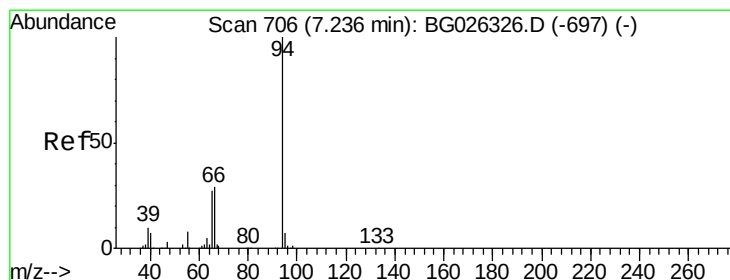
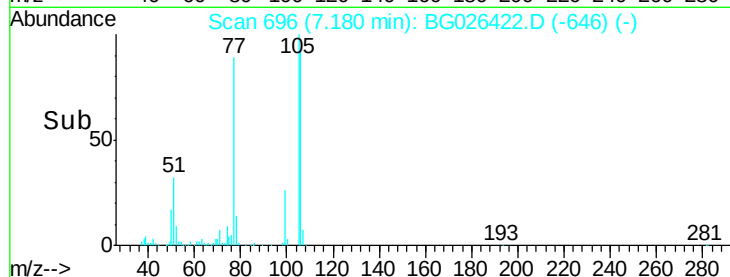
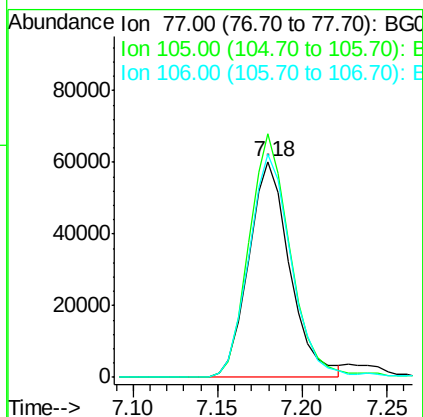
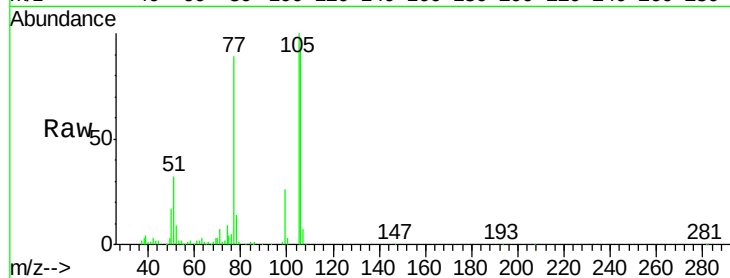
Tot Ion: 77 Resp: 101966

Ion Ratio Lower Upper

77 100

105 112.7 60.9 100.9#

106 103.1 55.1 95.1#



#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

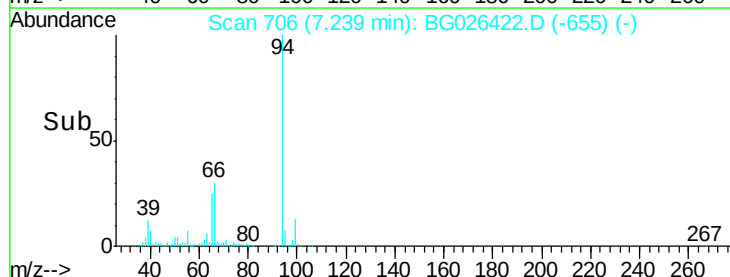
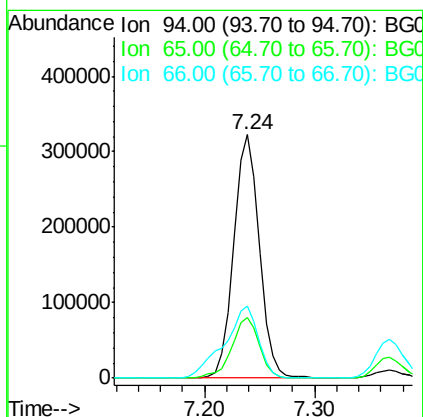
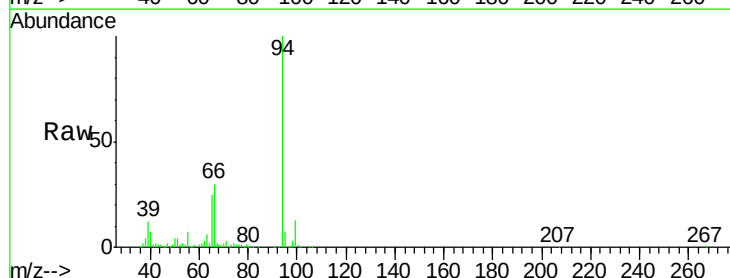
Tgt Ion: 94 Resp: 525577

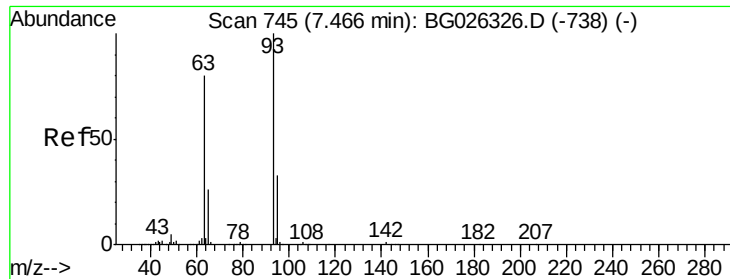
Ion Ratio Lower Upper

94 100

65 24.7 20.6 60.6

66 29.7 35.5 75.5#

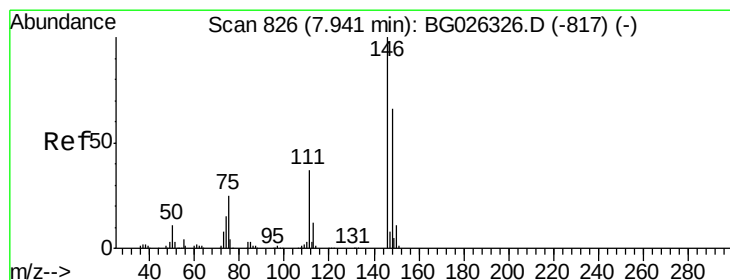
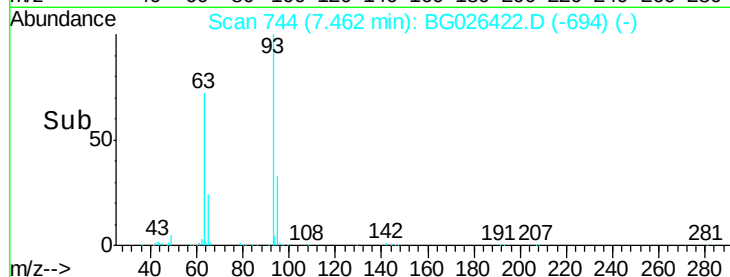
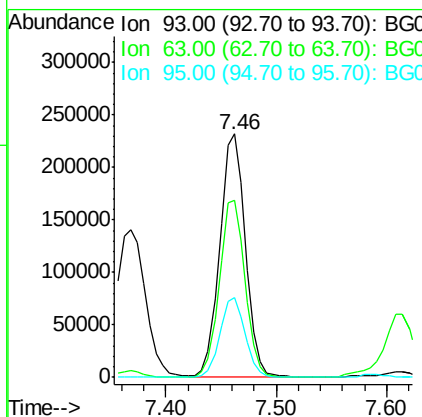
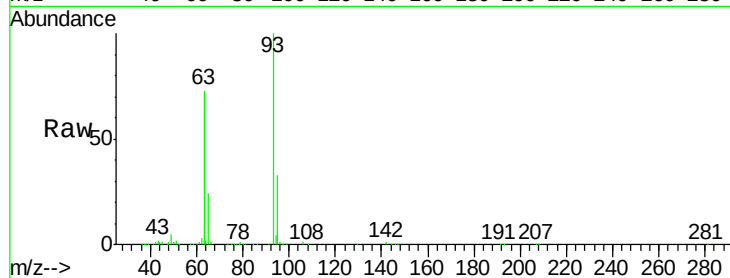




#11
bis(2-Chloroethyl)ether
Concen: 40.86 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.00 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

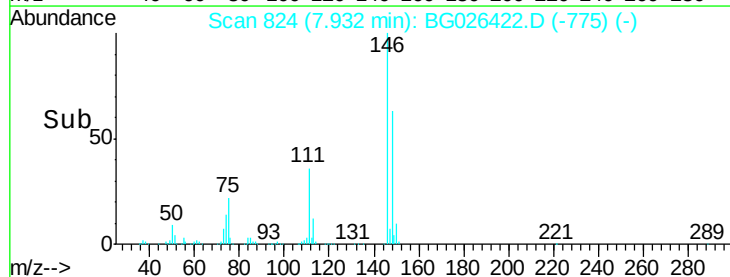
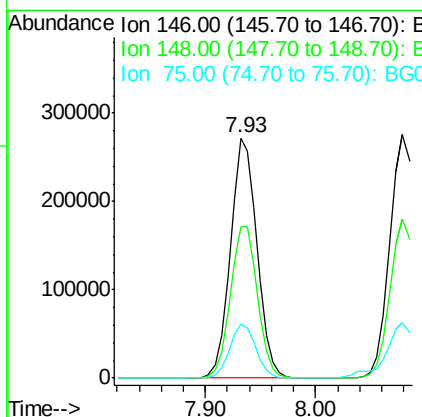
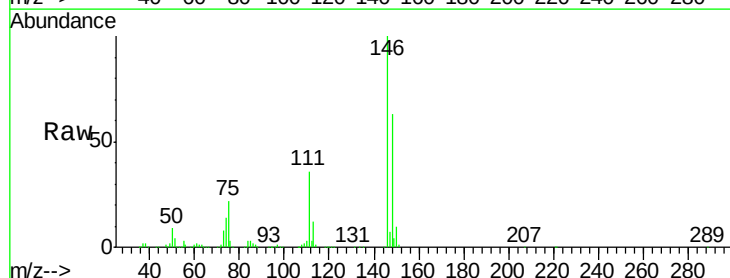
Instrument :
BNA_G
ClientSampleId :
PB97800BS

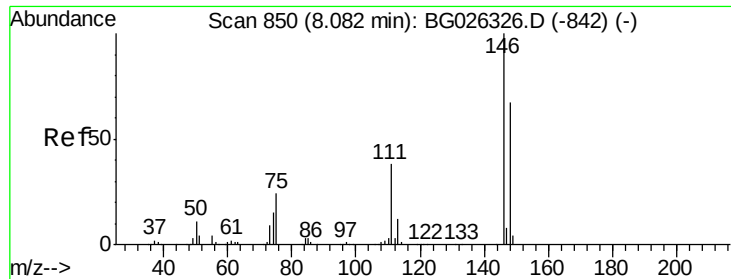
Tot Ion	Ratio	Lower	Upper
93	100		
63	72.7	78.5	118.5#
95	32.9	9.8	49.8



#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	Ratio	Lower	Upper
146	100		
148	62.9	49.2	73.8
75	22.3	33.4	50.2#

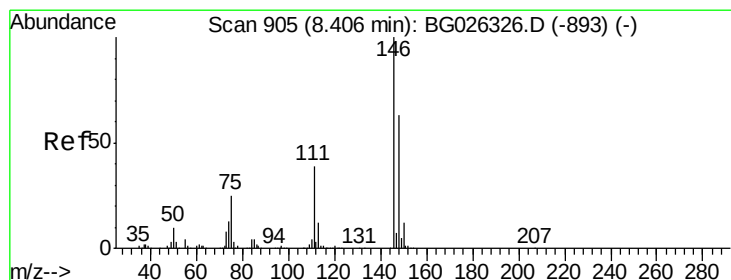
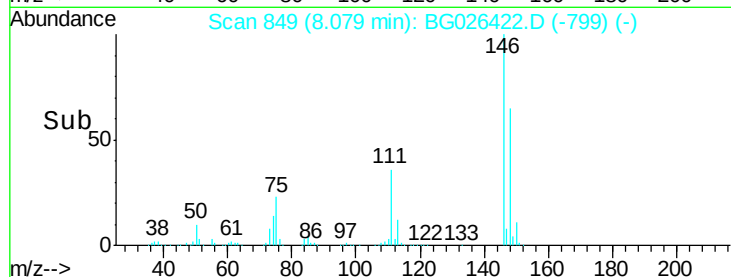
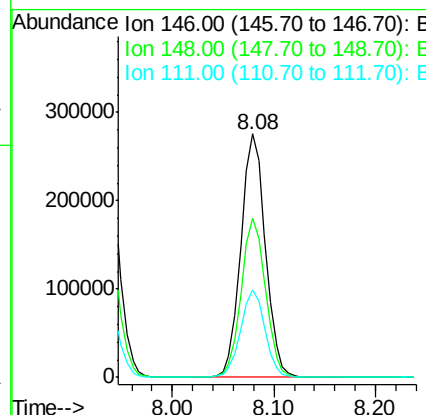
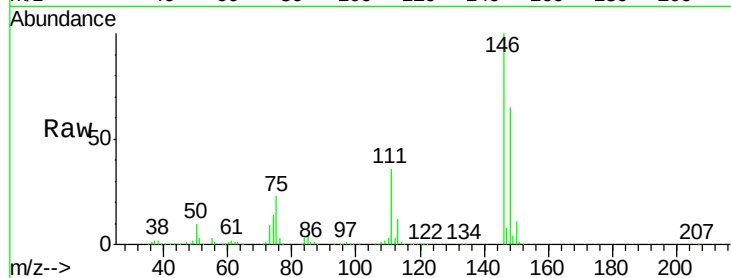




#13
 1,4-Dichlorobenzene
 Concen: 43.58 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BG026422.D
 Acq: 24 Mar 2017 19:50

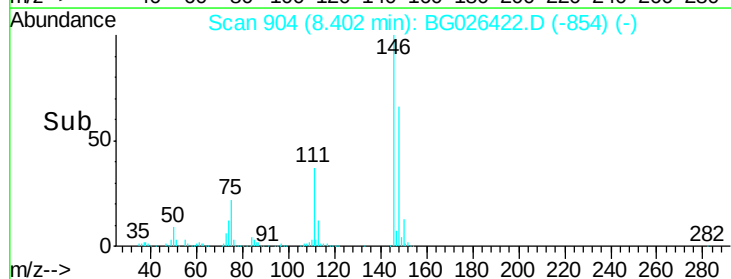
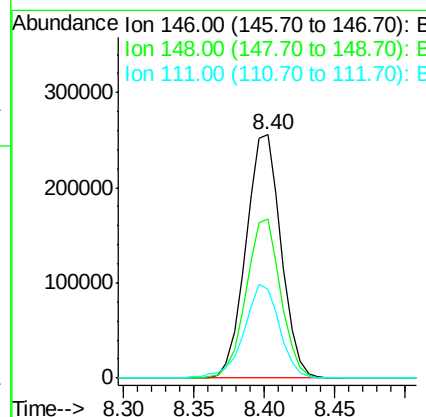
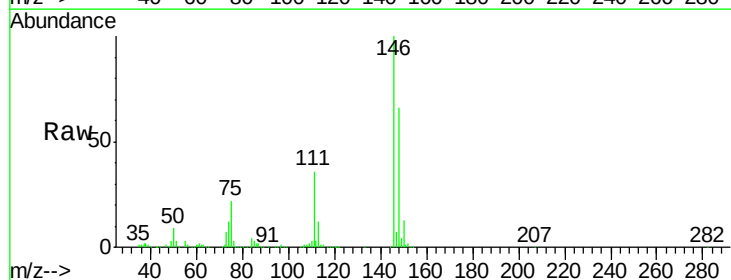
Instrument :
 BNA_G
 ClientSampleId :
 PB97800BS

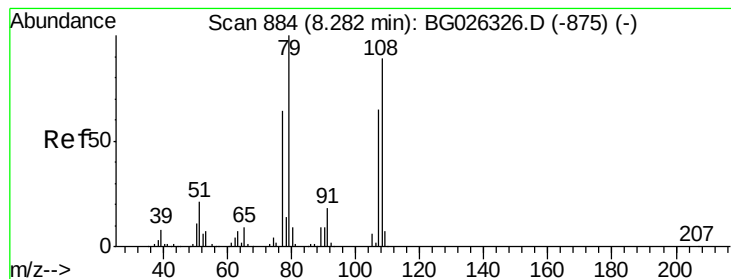
Tot Ion:146 Resp: 460653
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.2 78.2
 111 36.1 37.0 55.6#



#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#





#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

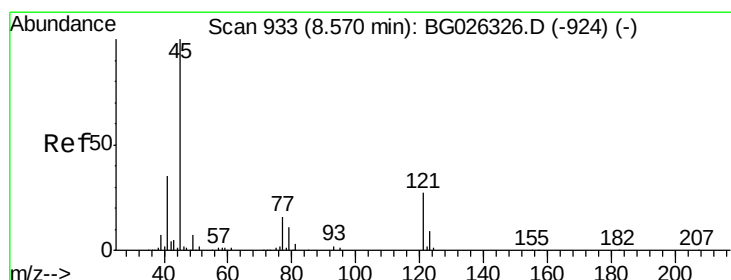
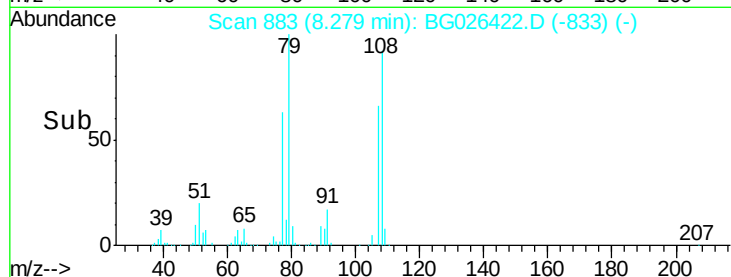
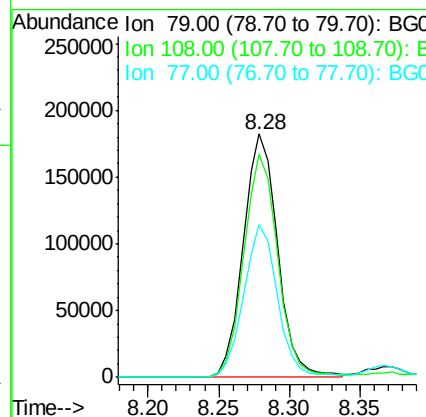
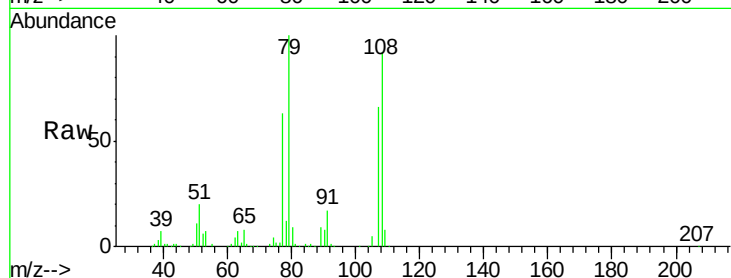
Tot Ion: 79 Resp: 310711

Ion Ratio Lower Upper

79 100

108 91.7 45.5 68.3#

77 62.8 54.3 81.5



#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

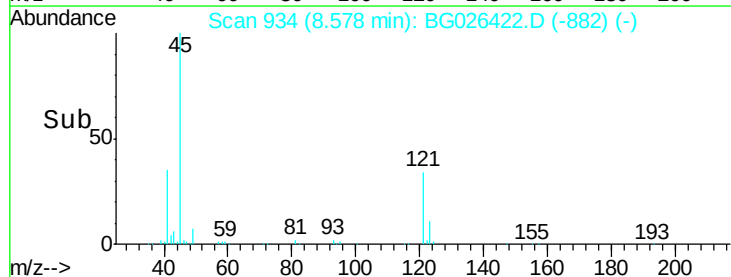
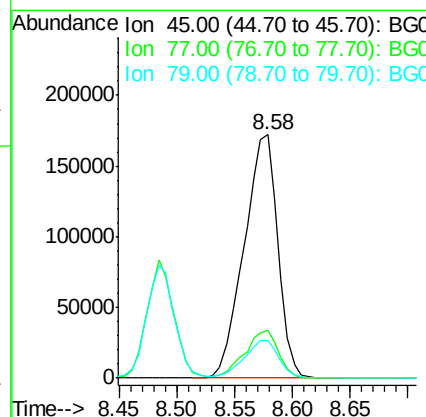
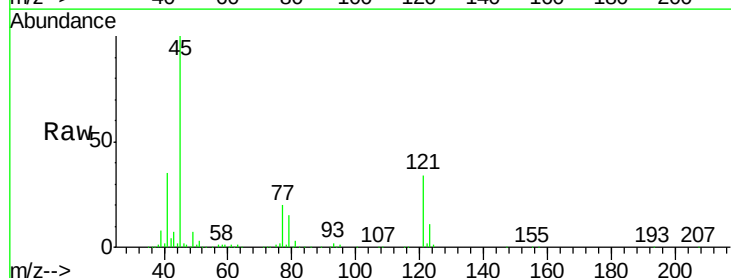
Tgt Ion: 45 Resp: 349290

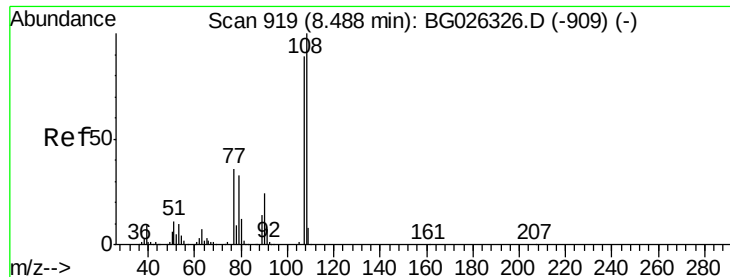
Ion Ratio Lower Upper

45 100

77 19.5 0.0 30.6

79 15.2 0.0 28.5





#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

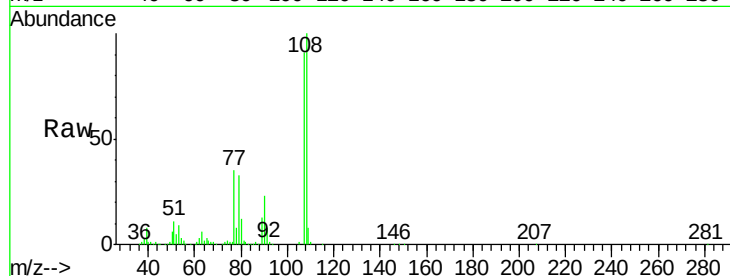
Ion Ratio Lower Upper

107 100

108 110.5 85.6 128.4

77 38.6 51.4 77.2#

79 36.9 49.2 73.8#

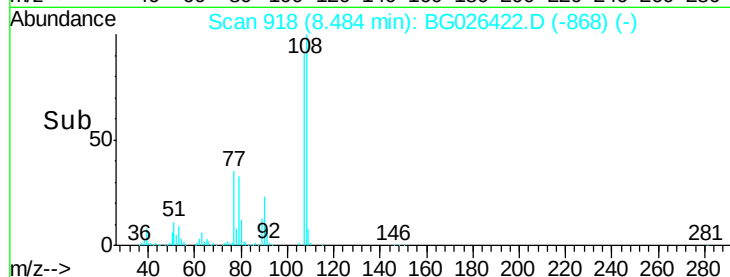


Abundance Ion 107.00 (106.70 to 107.70): E

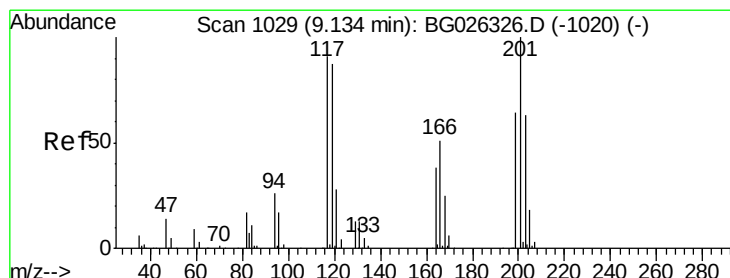
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#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

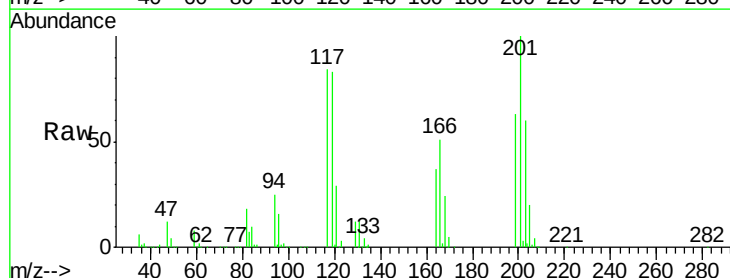
Tgt Ion:117 Resp: 143182

Ion Ratio Lower Upper

117 100

119 98.9 69.8 104.6

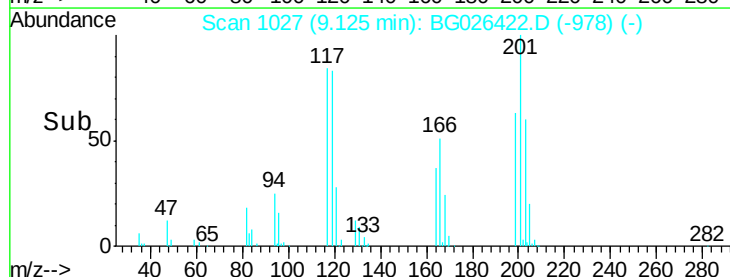
201 119.1 95.4 143.0



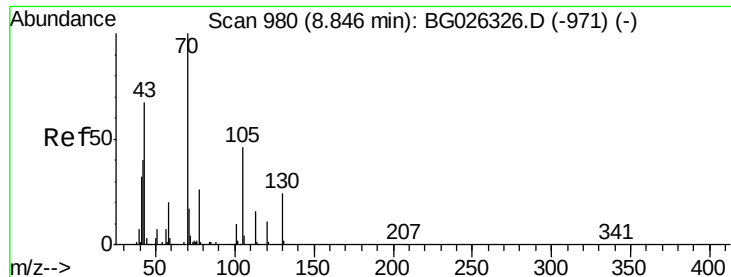
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



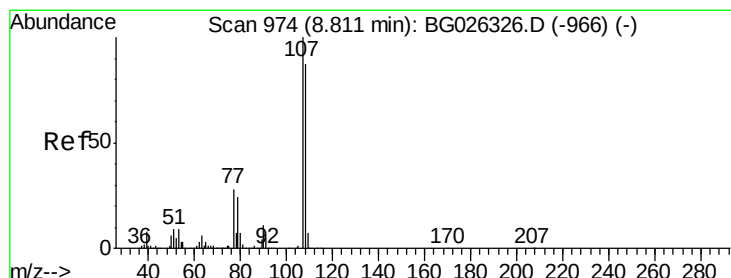
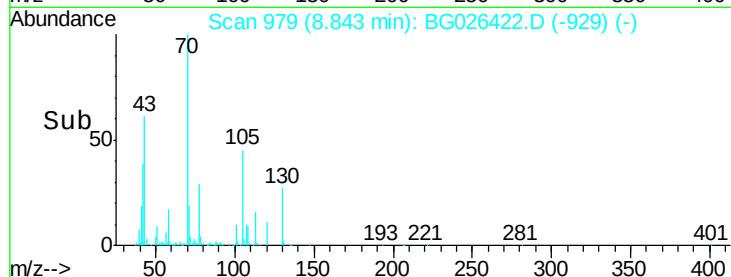
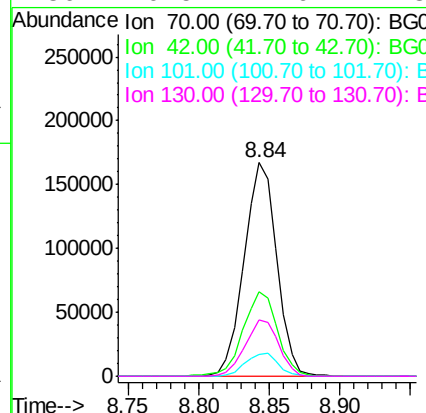
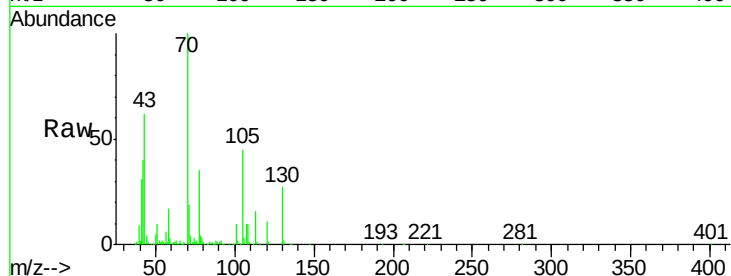
Time-->



#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

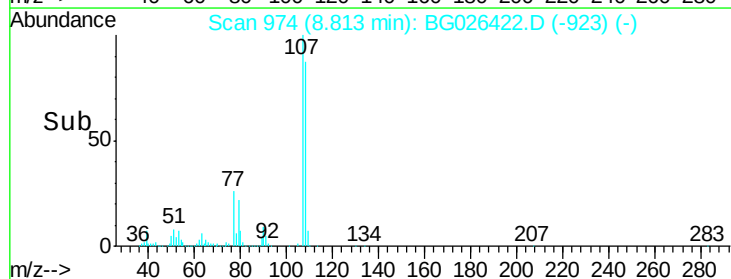
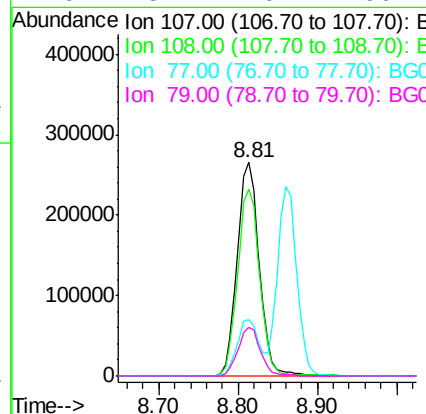
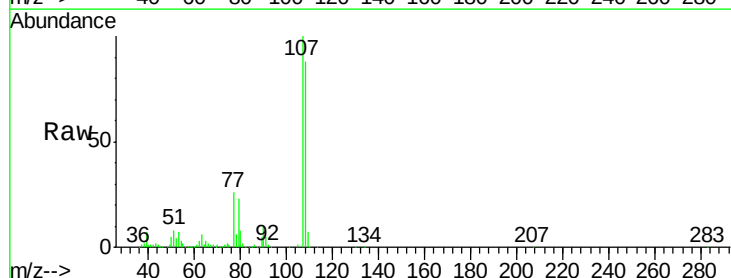
Instrument :
 BNA_G
 ClientSampleId :
 PB97800BS

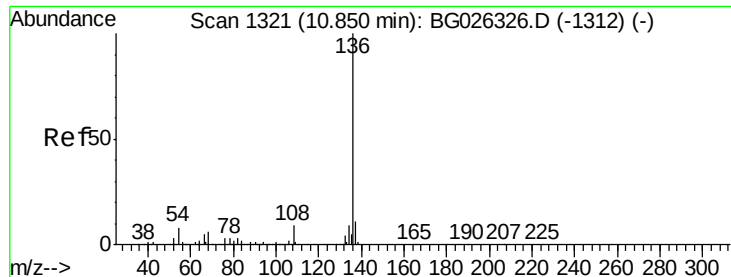
Tot Ion: 70 Resp: 270513
 Ion Ratio Lower Upper
 70 100
 42 39.8 56.1 84.1#
 101 10.4 7.5 11.3
 130 26.5 14.6 21.8#



#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

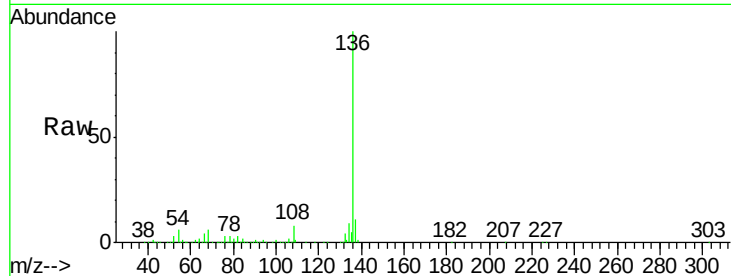




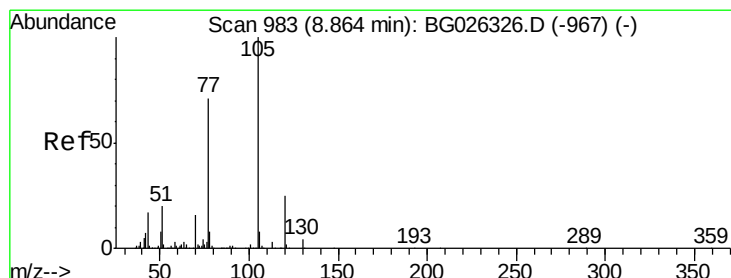
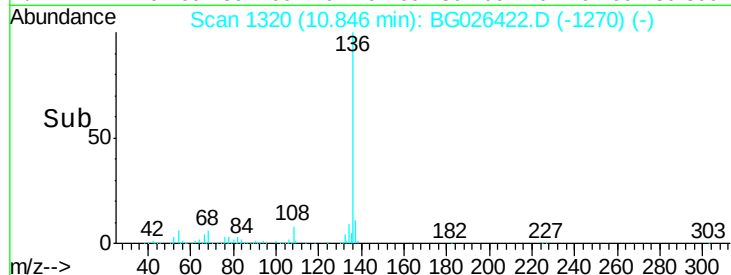
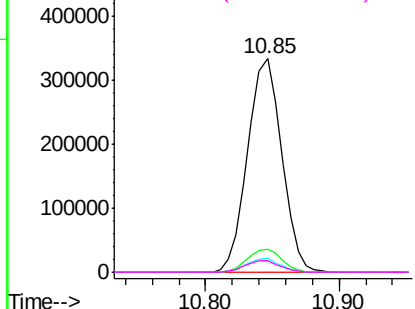
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

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

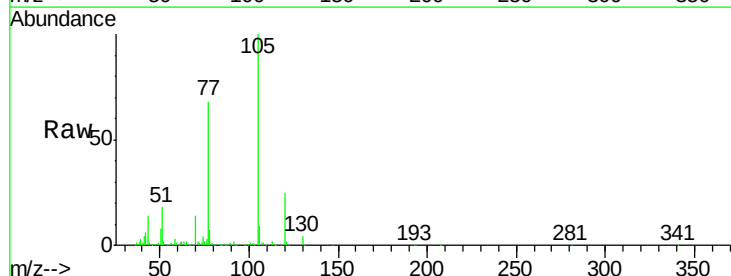


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

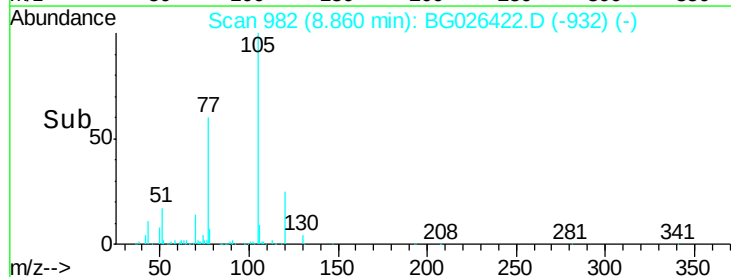
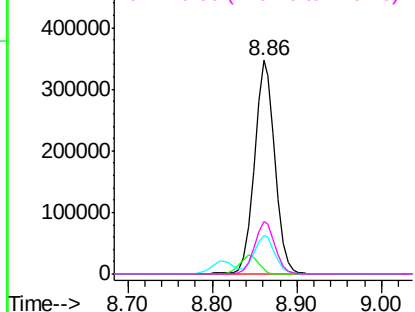


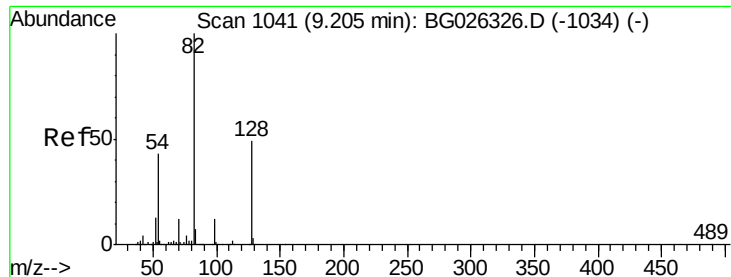
#22
Acetophenone
Concen: 43.43 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

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

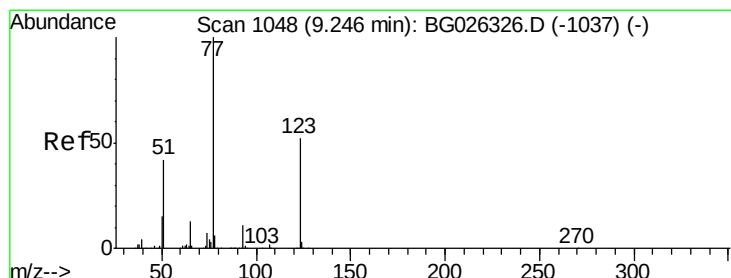
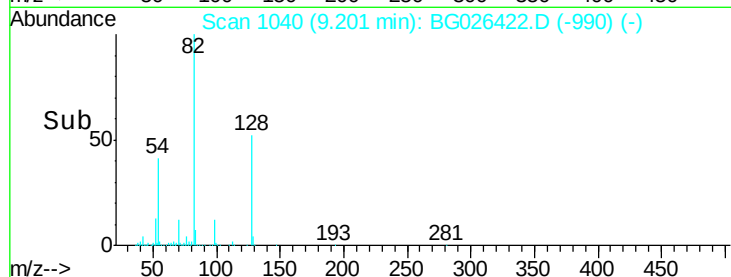
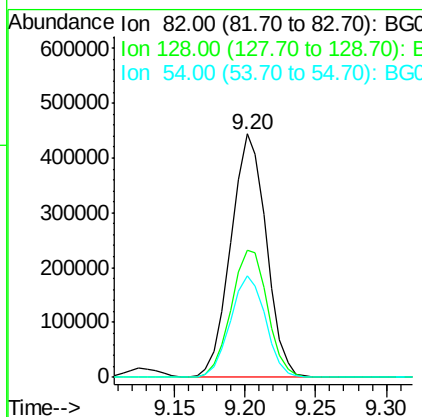
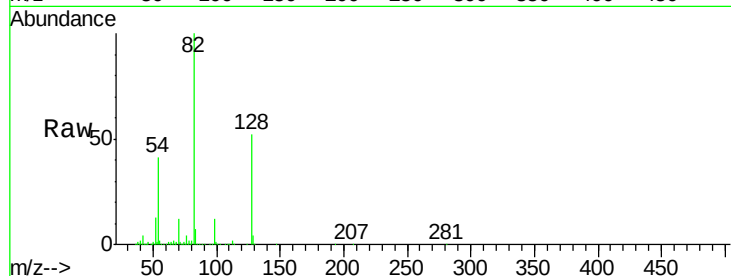




#23
 Nitrobenzene-d5
 Concen: 78.85 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG026422.D
 Acq: 24 Mar 2017 19:50

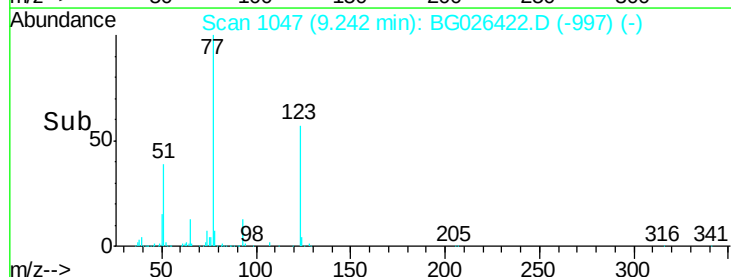
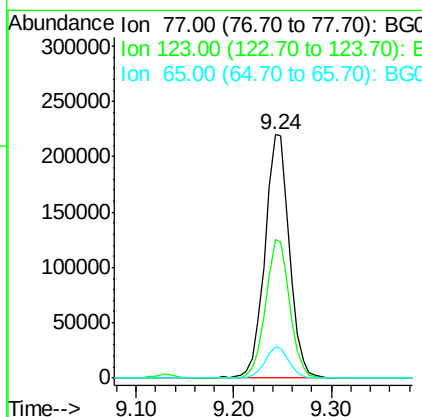
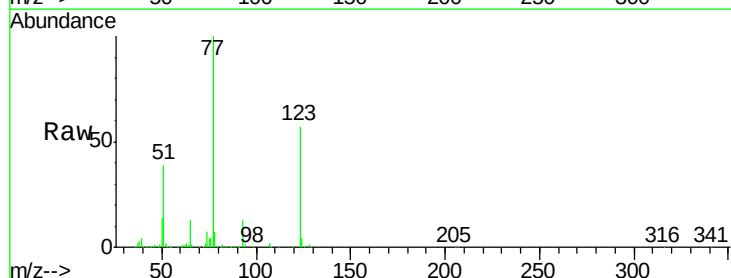
Instrument :
 BNA_G
 ClientSampleId :
 PB97800BS

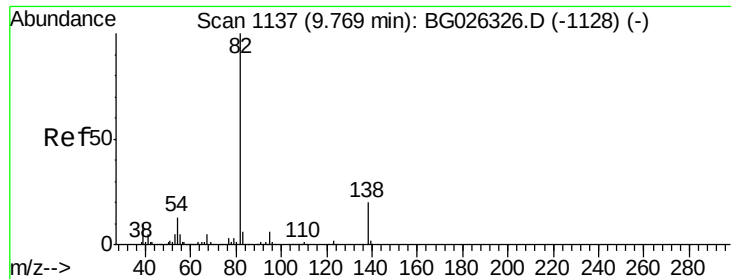
Tot Ion: 82 Resp: 774891
 Ion Ratio Lower Upper
 82 100
 128 52.3 26.4 39.6#
 54 41.5 49.4 74.2#



#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

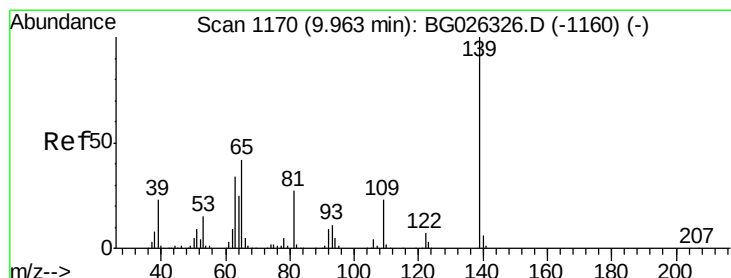
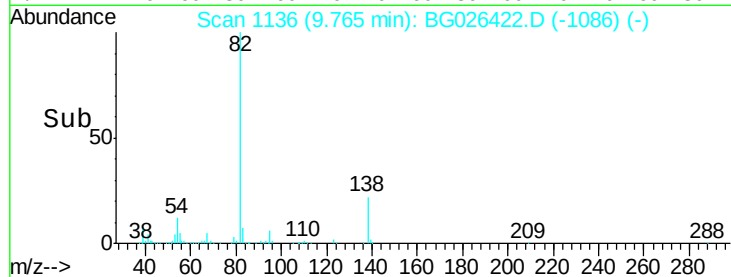
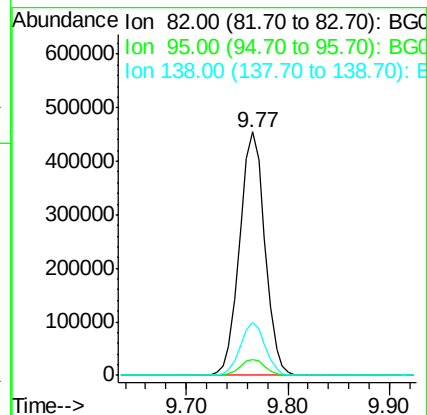
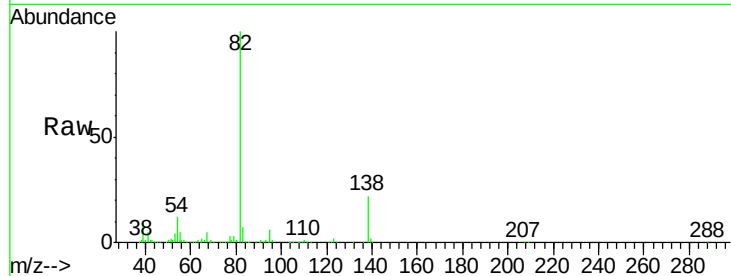
Tot Ion: 82 Resp: 782986

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

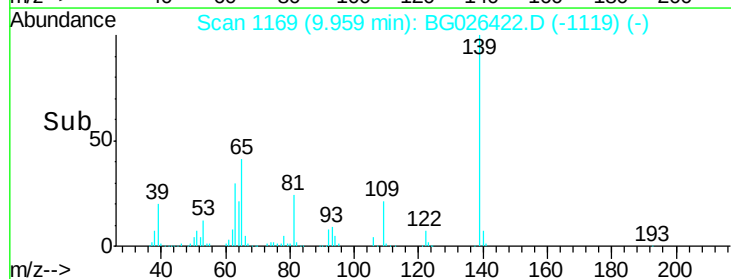
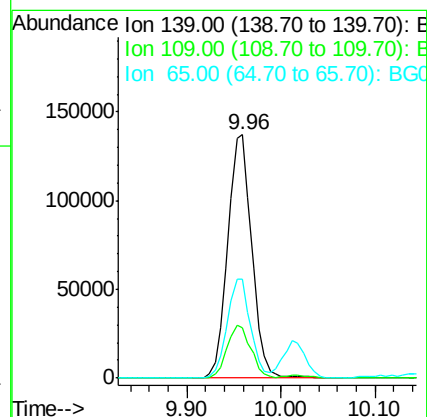
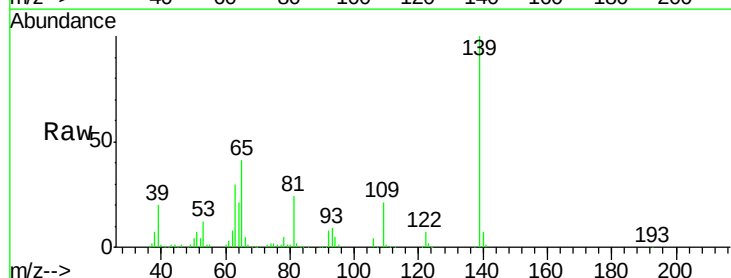
Tgt Ion: 139 Resp: 244013

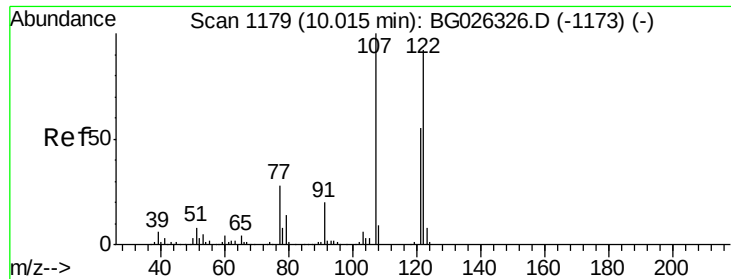
Ion Ratio Lower Upper

139 100

109 20.5 38.6 58.0#

65 40.6 57.1 85.7#

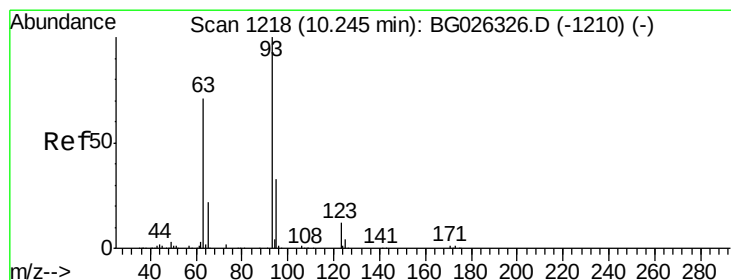
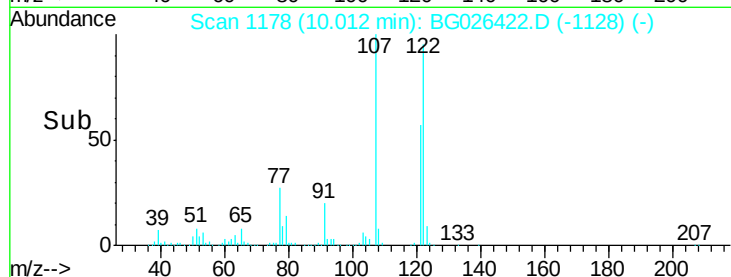
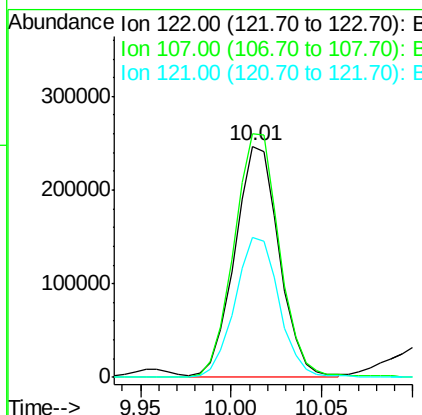
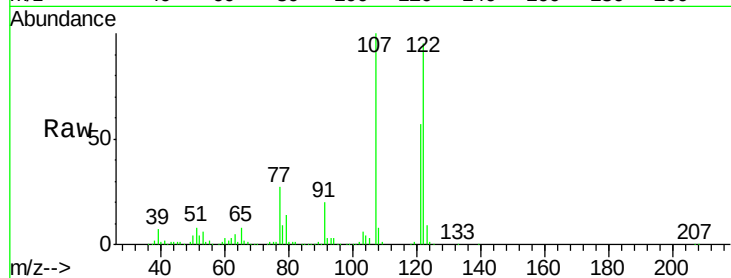




#27
2,4-Dimethylphenol
Concen: 50.62 ng
RT: 10.01 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

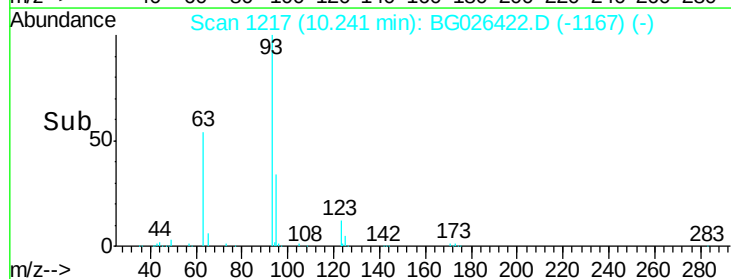
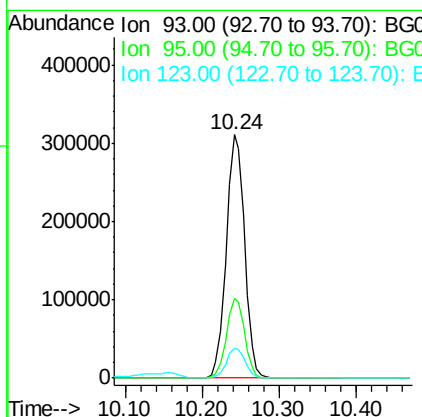
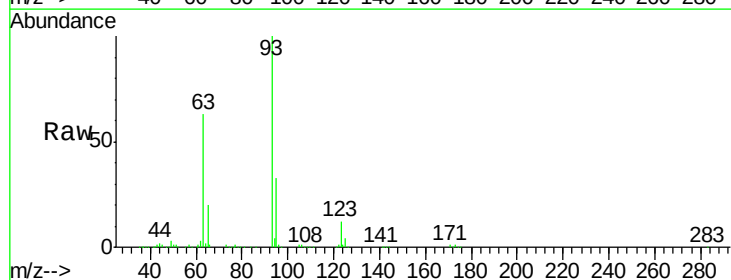
Instrument :
BNA_G
ClientSampleId :
PB97800BS

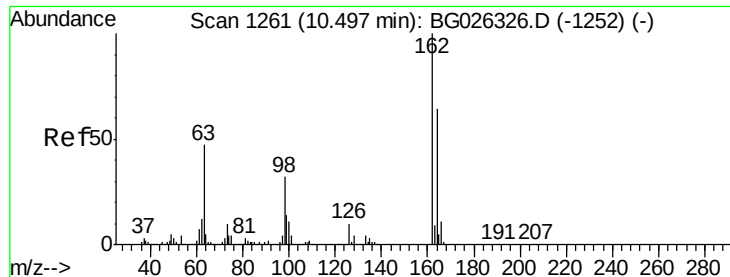
Tot Ion:122 Resp: 419474
Ion Ratio Lower Upper
122 100
107 105.3 104.2 156.4
121 60.5 46.0 69.0



#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

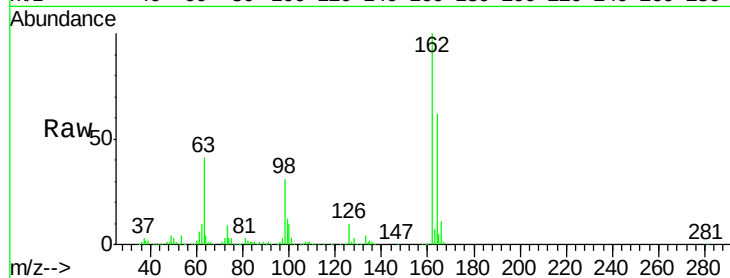
Tot Ion:162 Resp: 447357

Ion Ratio Lower Upper

162 100

164 61.5 42.4 82.4

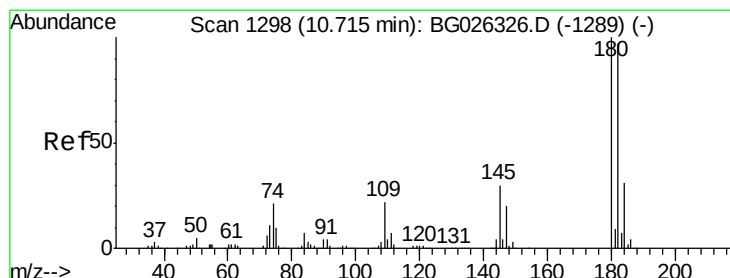
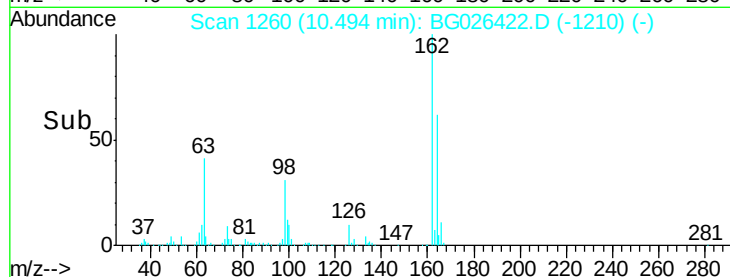
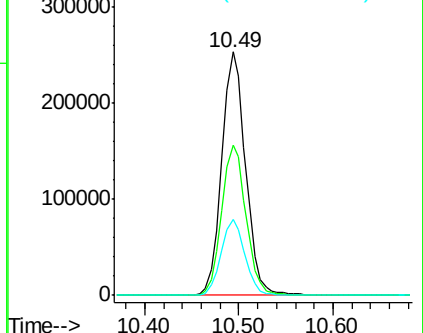
98 31.0 20.3 60.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 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

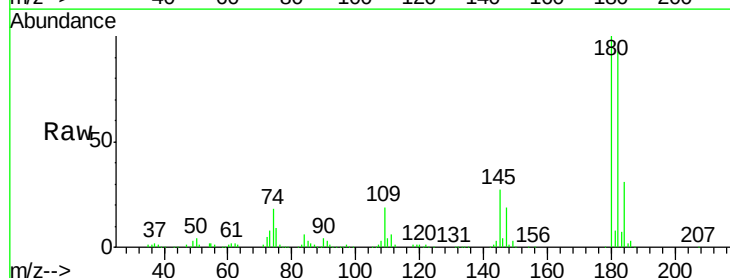
Tgt Ion:180 Resp: 440786

Ion Ratio Lower Upper

180 100

182 93.0 77.0 115.4

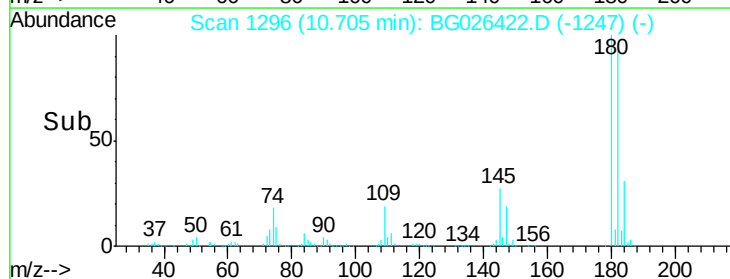
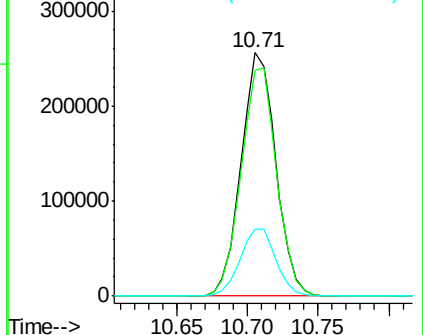
145 27.4 23.4 35.0

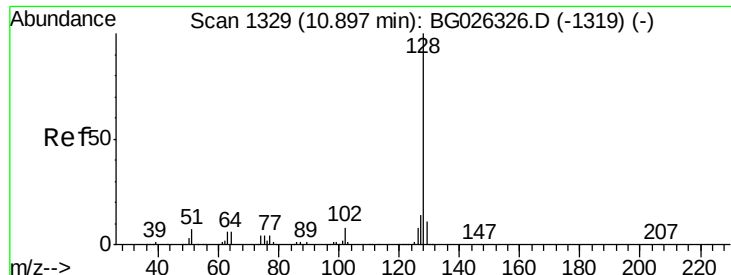


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

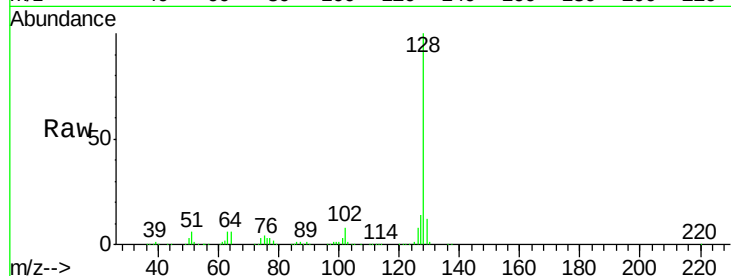




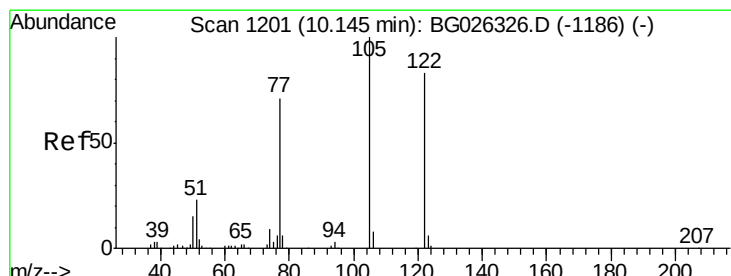
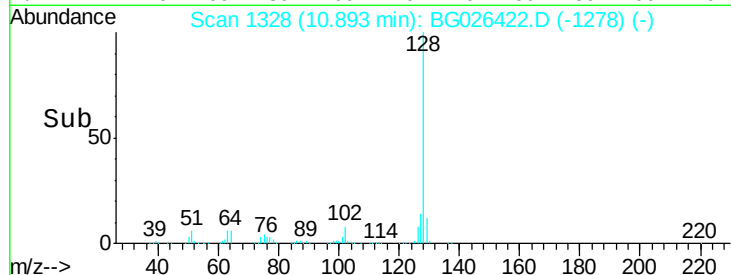
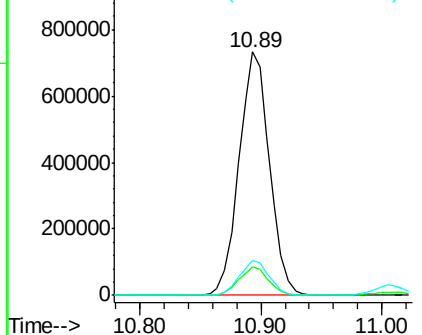
#31
Naphthalene
Concen: 43.01 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

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

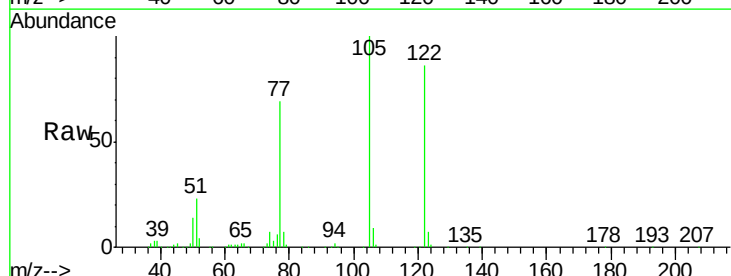


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

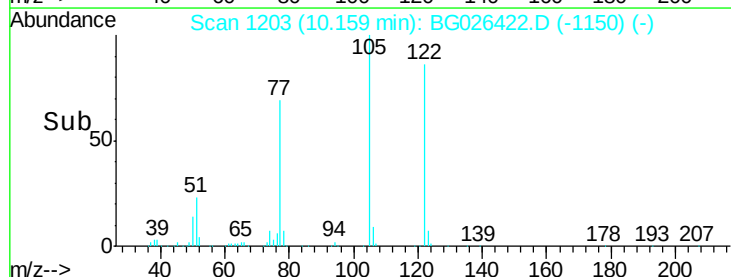
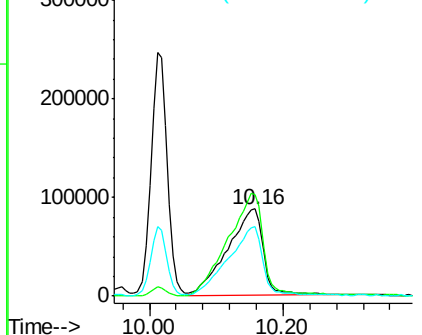


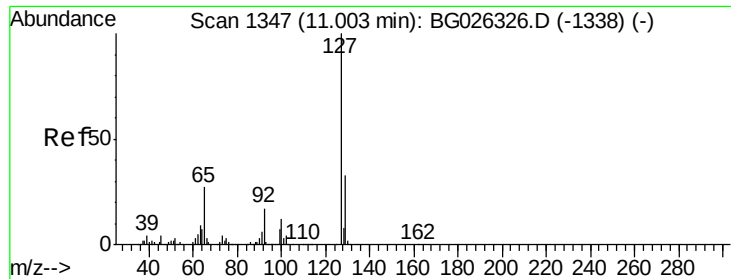
#32
Benzoic acid
Concen: 50.86 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

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#



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

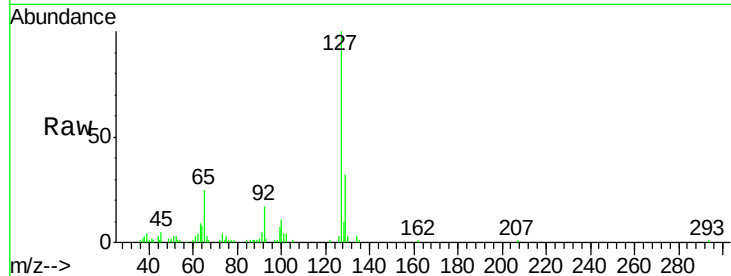




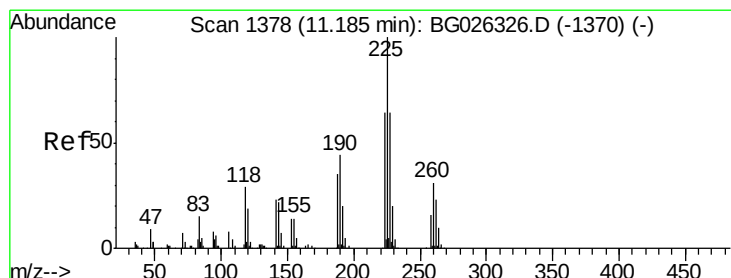
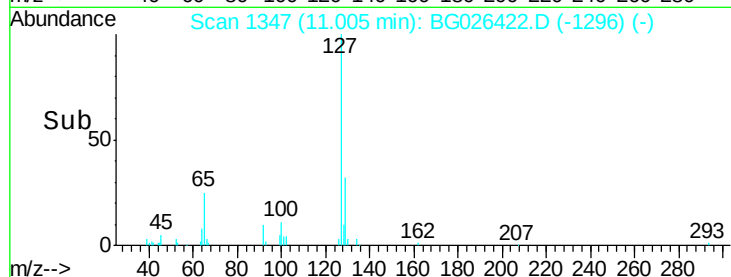
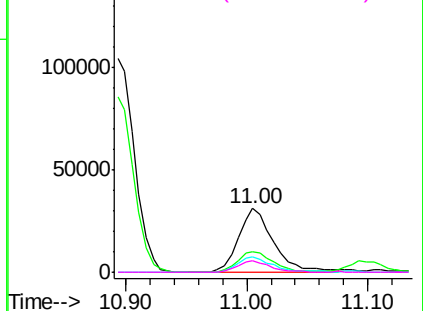
#33
4-Chloroaniline
Concen: 5.18 ng
RT: 11.00 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

Instrument :
BNA_G
ClientSampleId :
PB97800BS

Tot Ion:127	Resp:	62994	
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#	

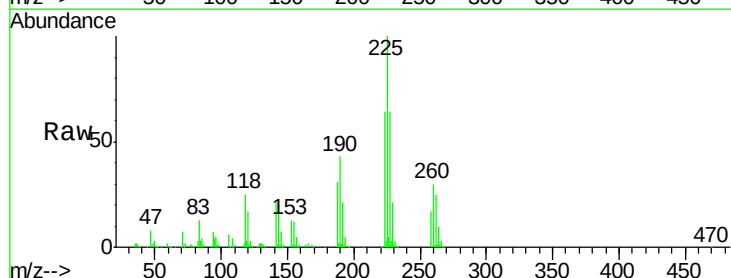


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

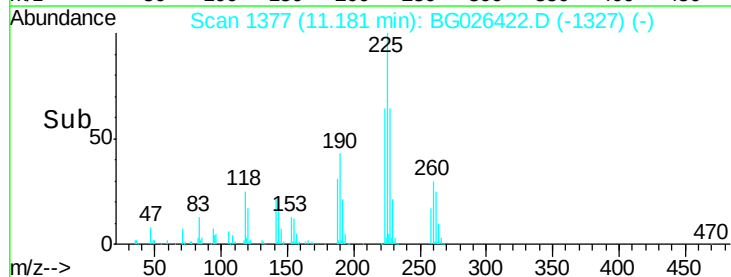
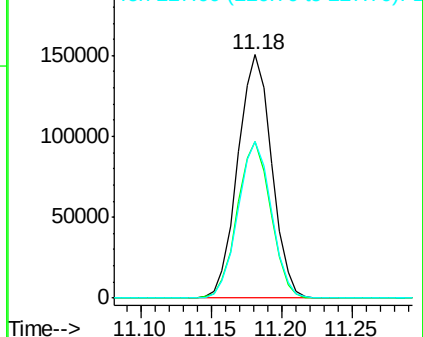


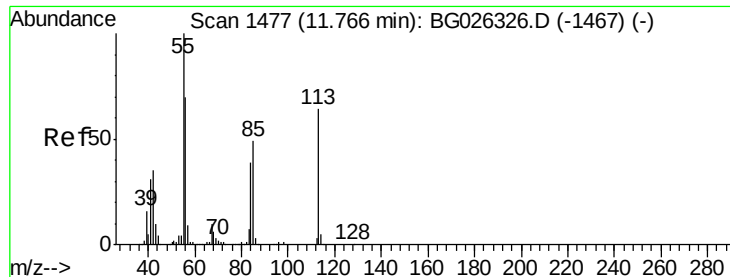
#34
Hexachlorobutadiene
Concen: 45.44 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

Tgt Ion	225	Resp: Lower	252380 Upper
	Ratio		
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: 50.84 ng/mL

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

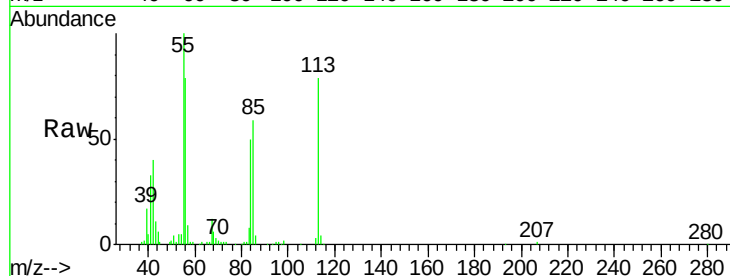
Tot Ion:113 Resp: 167889

Ion Ratio Lower Upper

113 100

55 126.0 198.6 238.6#

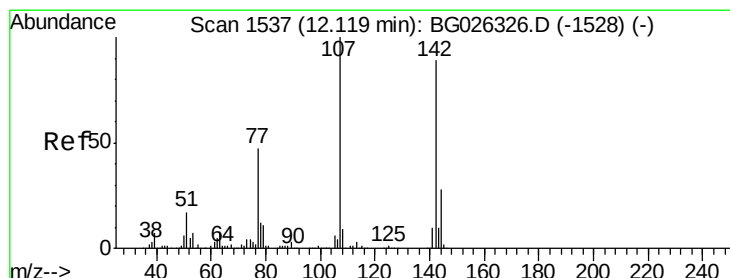
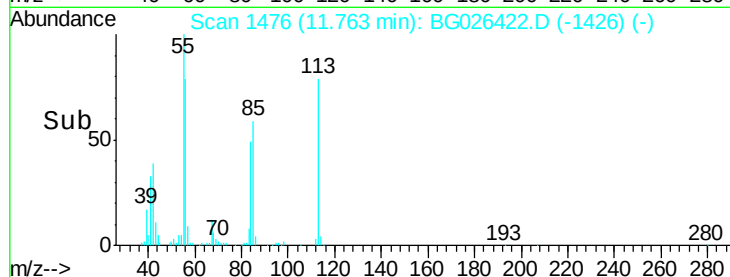
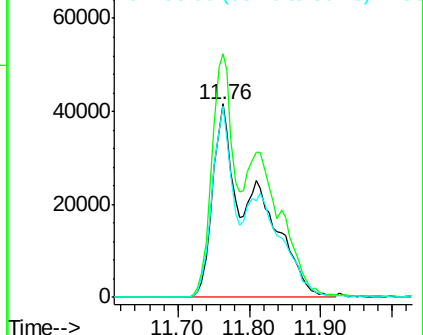
56 99.1 140.4 180.4#



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/mL

RT: 12.12 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BG026422.D

Acq: 24 Mar 2017 19:50

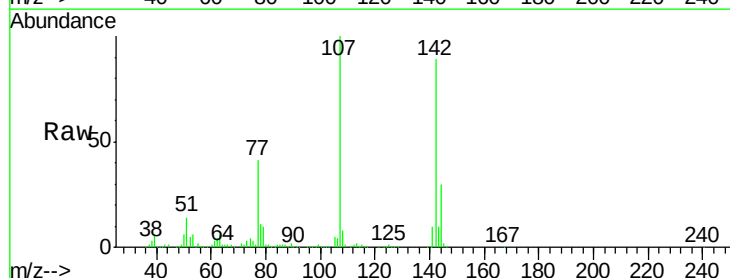
Tgt Ion:107 Resp: 451735

Ion Ratio Lower Upper

107 100

144 29.7 17.4 26.0#

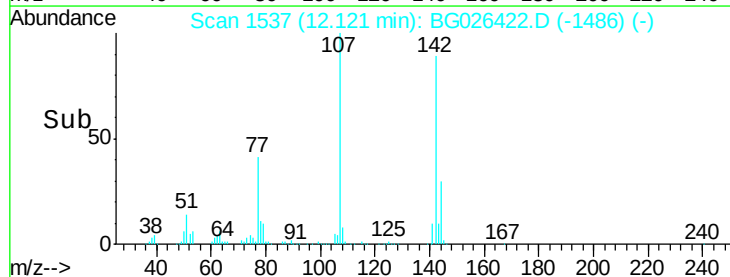
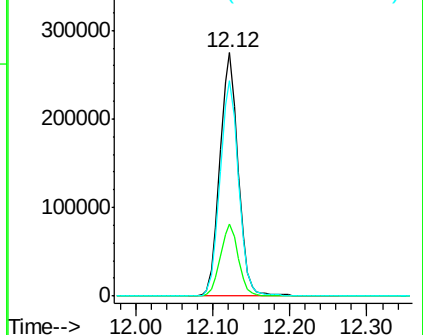
142 88.6 54.1 81.1#

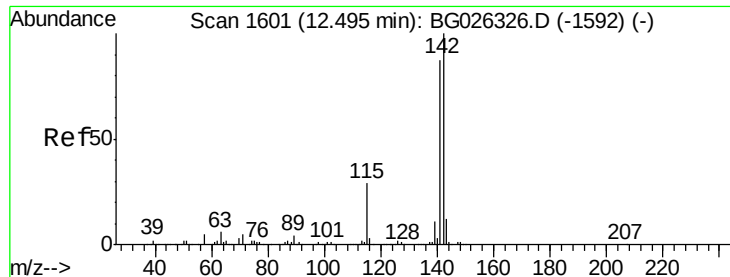


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

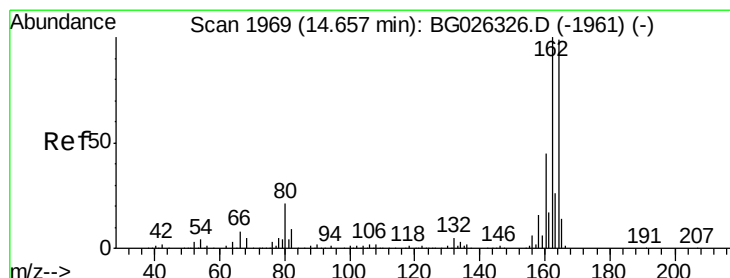
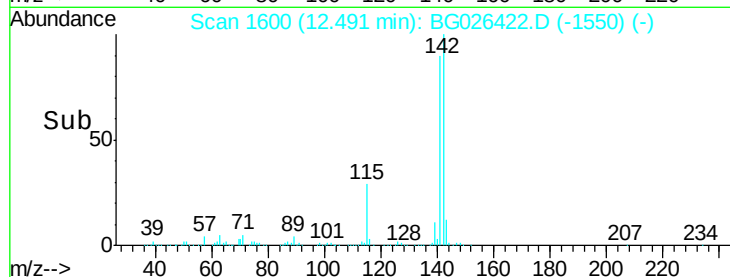
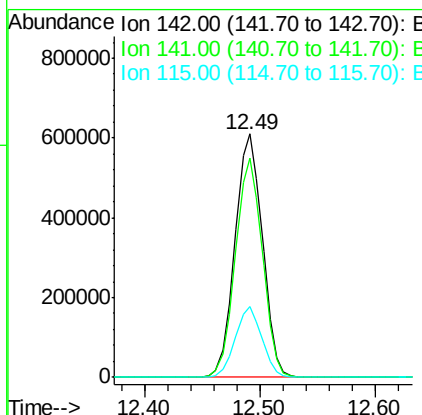
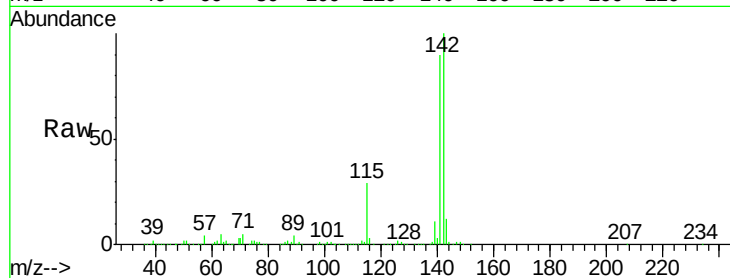




#37
2-Methylnaphthalene
Concen: 45.73 ng
RT: 12.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

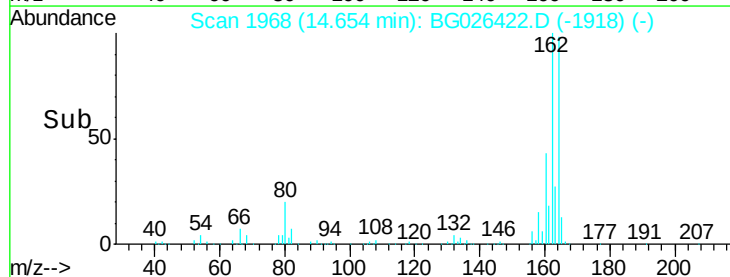
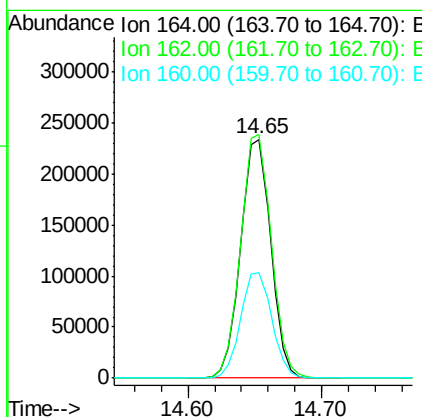
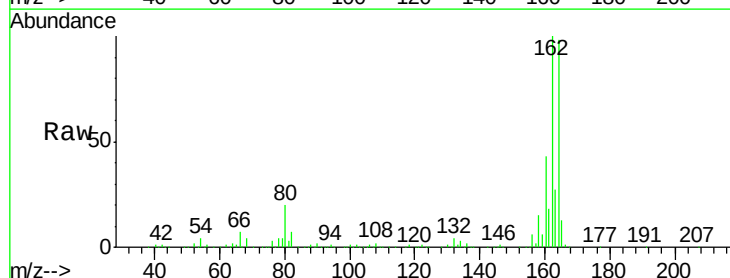
Instrument :
BNA_G
ClientSampleId :
PB97800BS

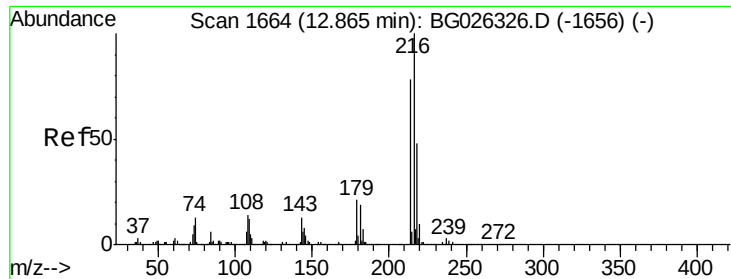
Tot Ion:142 Resp: 1000834
Ion Ratio Lower Upper
142 100
141 89.9 70.4 105.6
115 28.9 35.5 53.3#



#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





#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

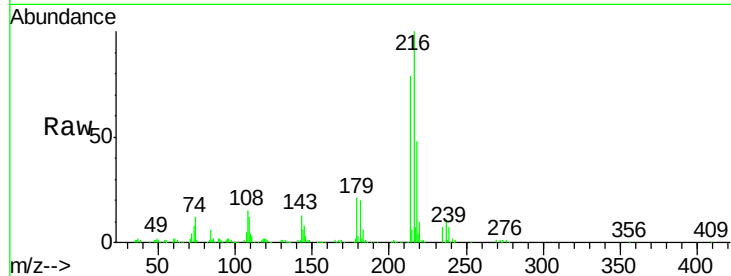
Ion Ratio Lower Upper

216 100

214 79.2 64.4 96.6

179 20.6 17.4 26.0

108 16.6 15.6 23.4

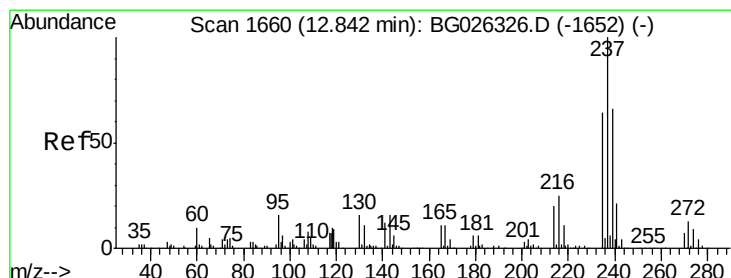
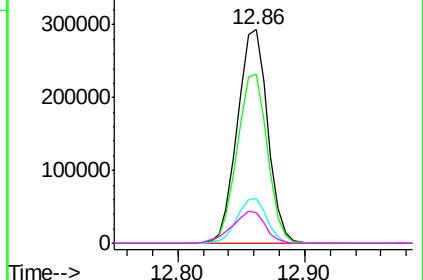
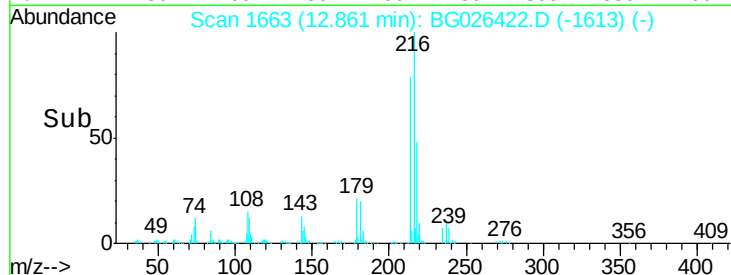


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 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

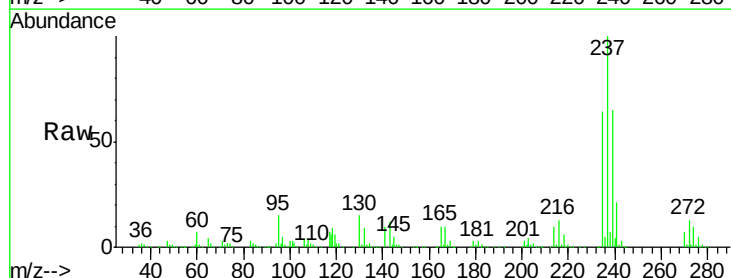
Tgt Ion:237 Resp: 550097

Ion Ratio Lower Upper

237 100

235 63.6 39.4 79.4

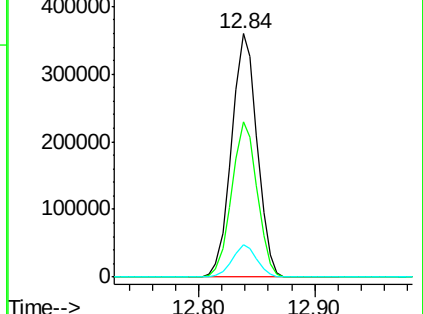
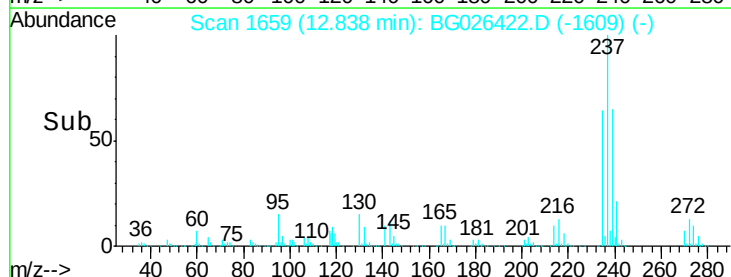
272 13.1 0.0 32.0

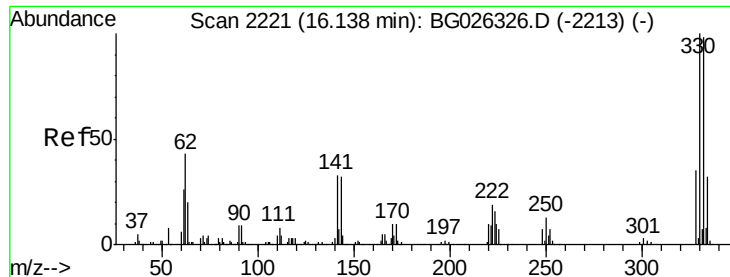


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

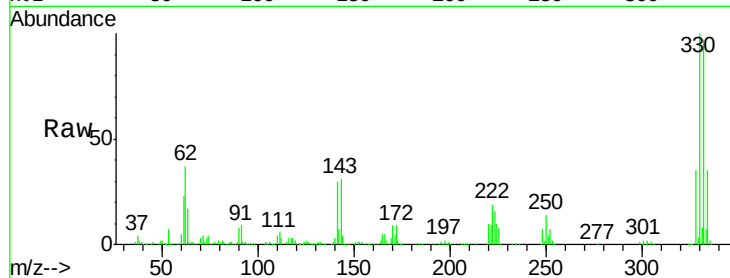




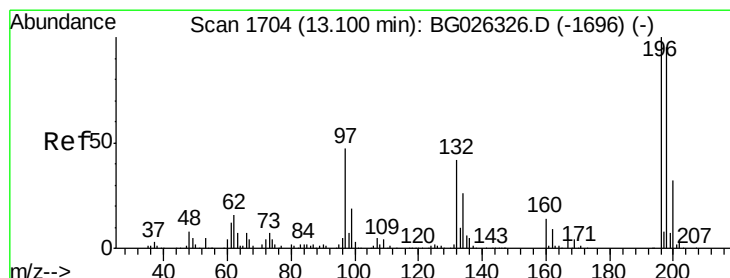
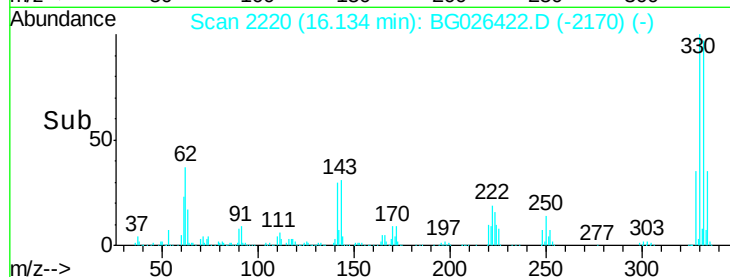
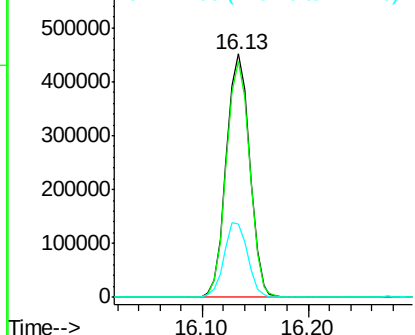
#41
 2,4,6-Tribromophenol
 Concen: 165.93 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.00 min
 Lab File: BG026422.D
 Acq: 24 Mar 2017 19:50

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#

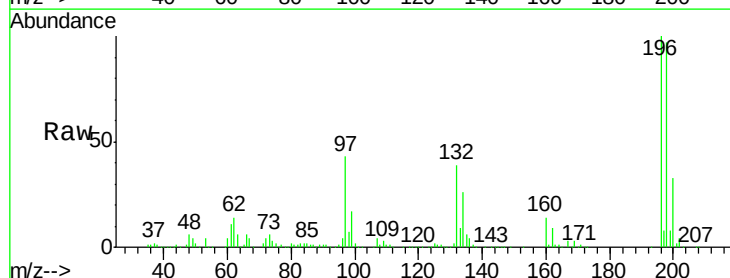


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

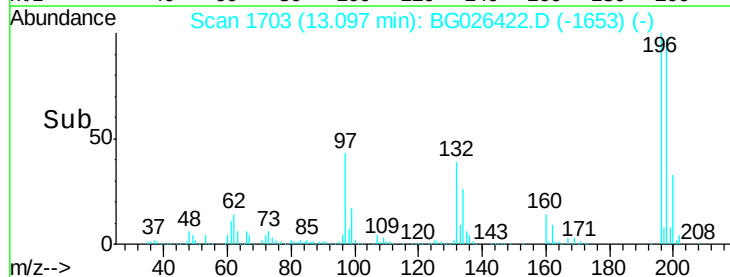
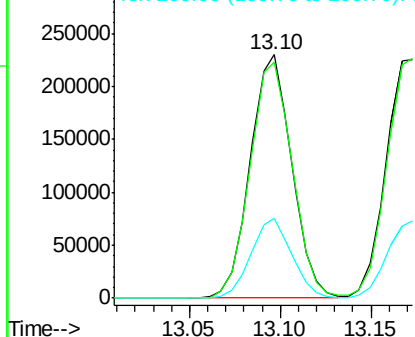


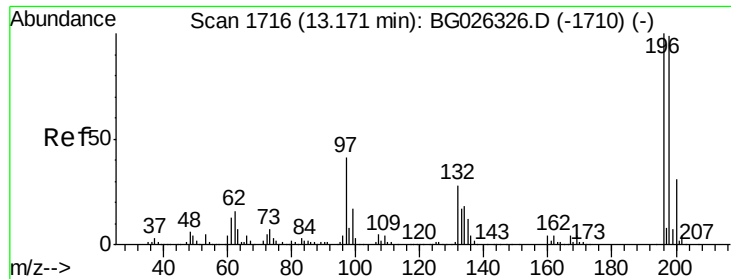
#42
 2,4,6-Trichlorophenol
 Concen: 50.96 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG026422.D
 Acq: 24 Mar 2017 19:50

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

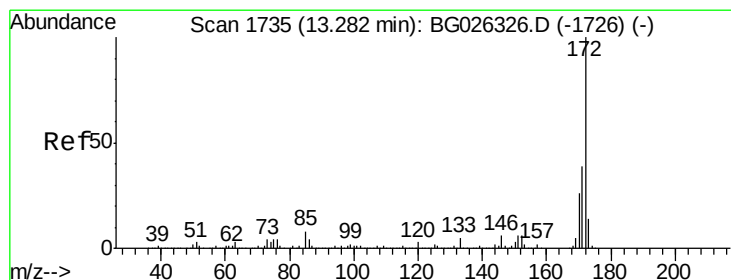
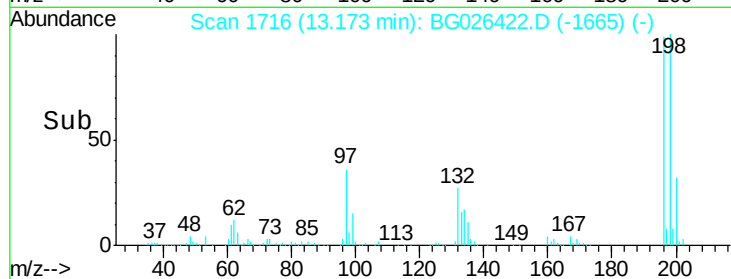
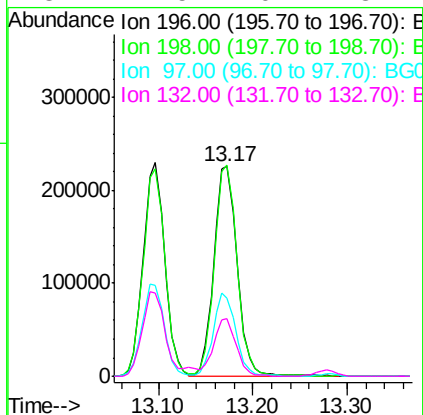
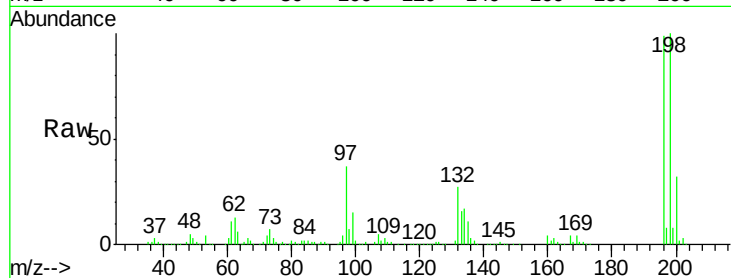




#43
 2,4,5-Trichlorophenol
 Concen: 49.22 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG026422.D
 Acq: 24 Mar 2017 19:50

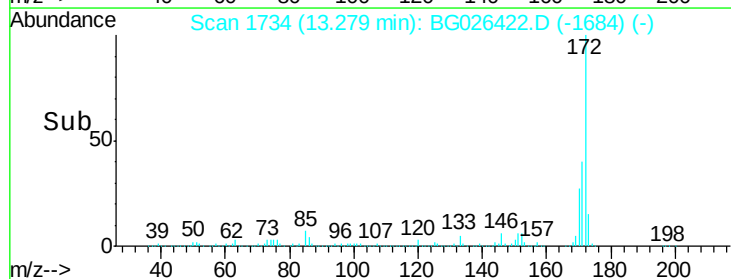
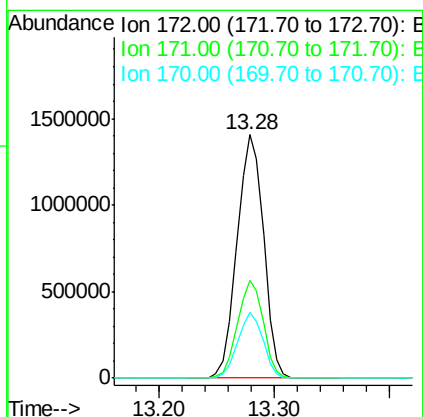
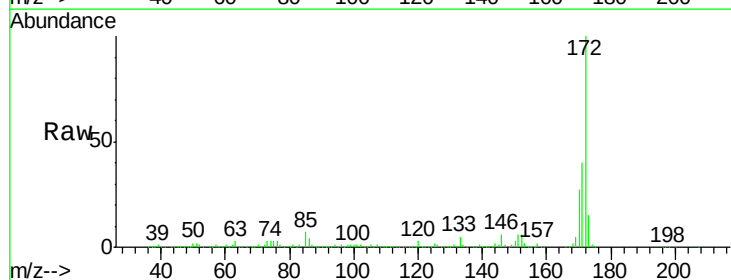
Instrument :
 BNA_G
 ClientSampleId :
 PB97800BS

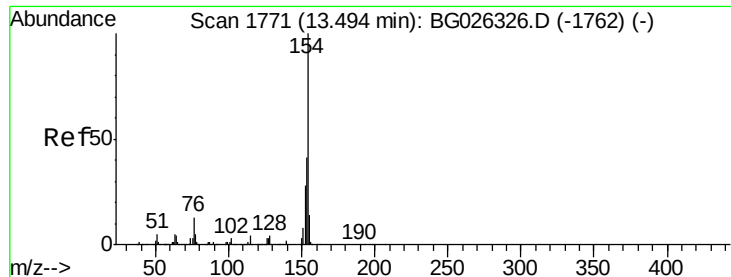
Tot Ion:196	Resp:	391002
Ion Ratio	Lower	Upper
196	100	
198	100.6	79.9 119.9
97	37.2	45.4 68.0
132	27.5	20.7 31.1



#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





#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

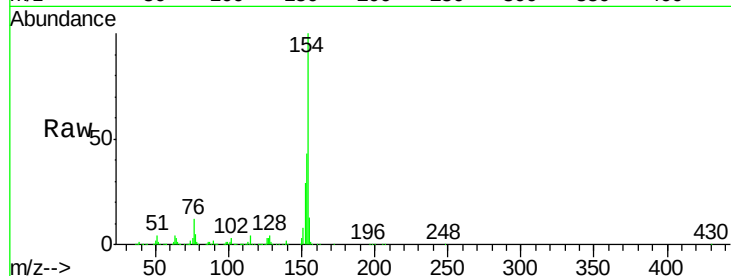
Tot Ion:154 Resp: 1316988

Ion Ratio Lower Upper

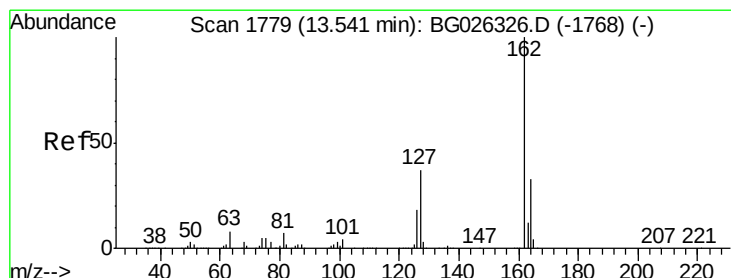
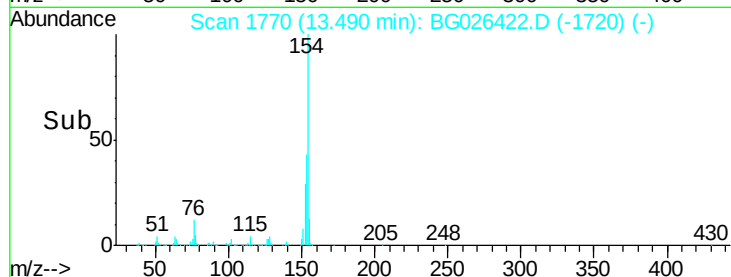
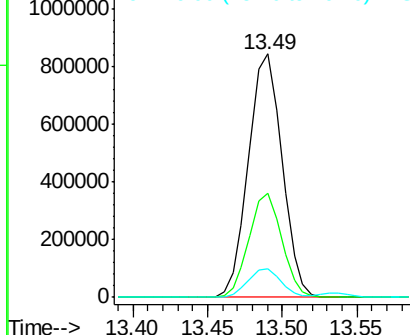
154 100

153 42.8 23.0 63.0

76 11.7 0.0 33.5



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



#46

2-Chloronaphthalene

Concen: 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

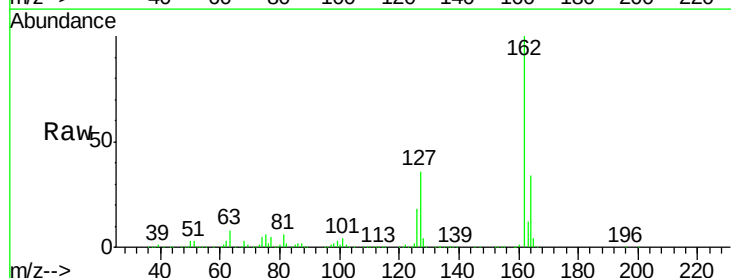
Tgt Ion:162 Resp: 986900

Ion Ratio Lower Upper

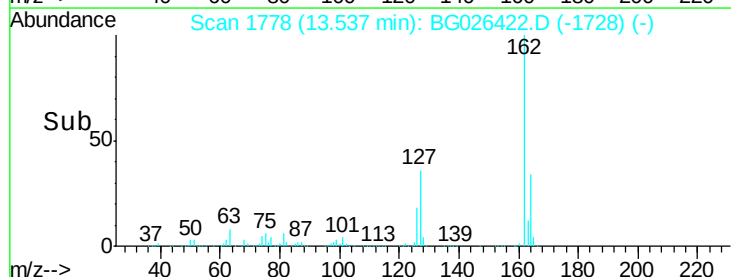
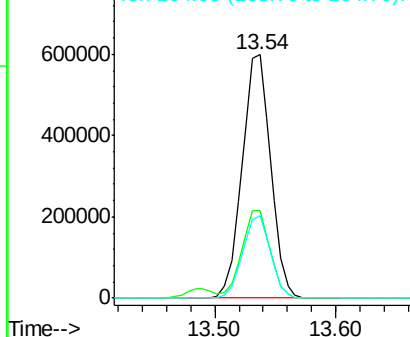
162 100

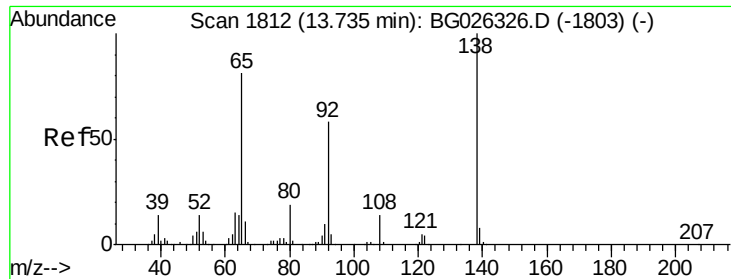
127 35.8 32.2 48.4

164 33.9 27.3 40.9



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





#47

2-Nitroaniline

Concen: 40.98 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

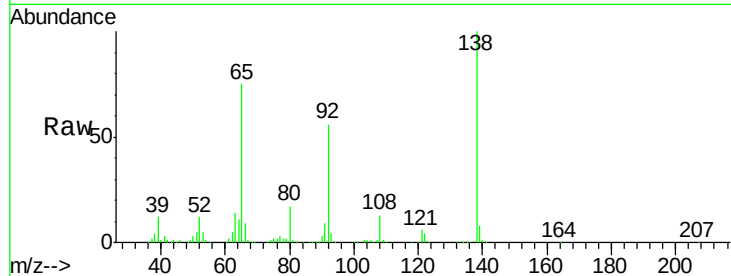
Tot Ion: 65 Resp: 257143

Ion Ratio Lower Upper

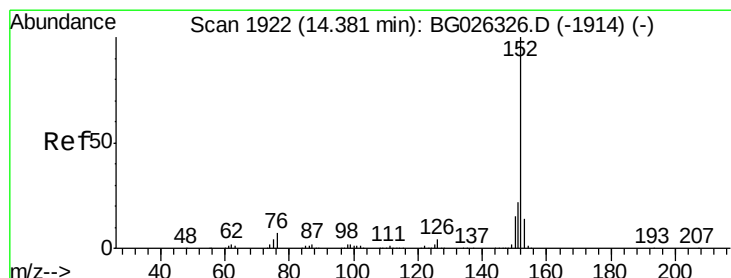
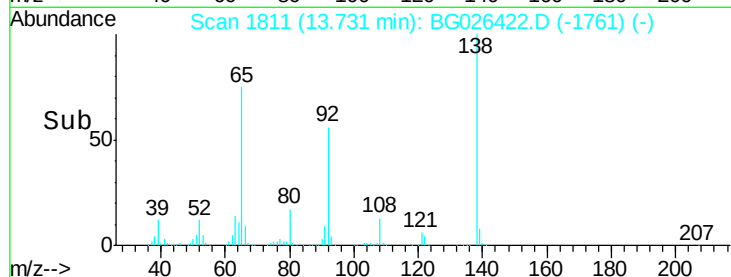
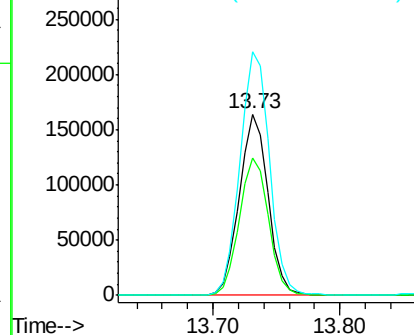
65 100

92 75.5 49.0 73.4#

138 134.1 58.6 87.8#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#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

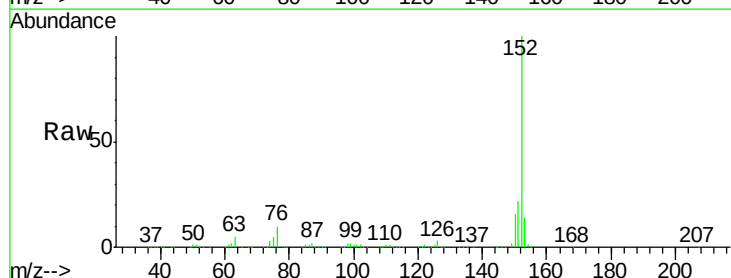
Tgt Ion: 152 Resp: 1647933

Ion Ratio Lower Upper

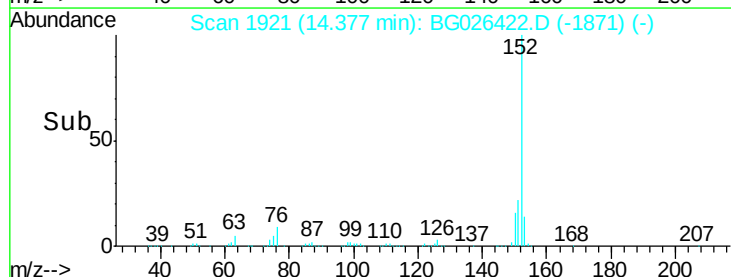
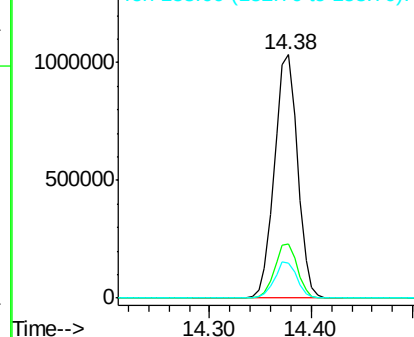
152 100

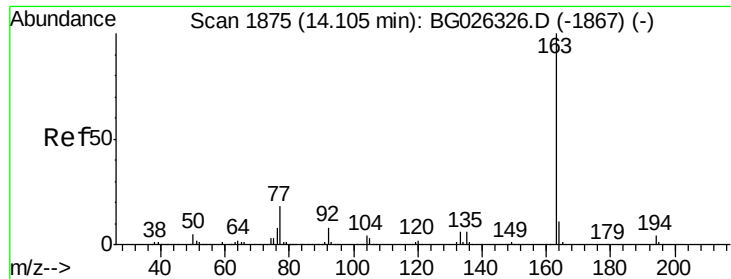
151 22.2 18.2 27.2

153 14.4 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#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

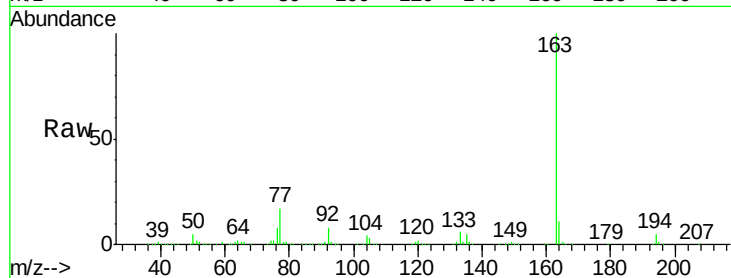
Tot Ion:163 Resp: 1313796

Ion Ratio Lower Upper

163 100

194 4.9 3.8 5.6

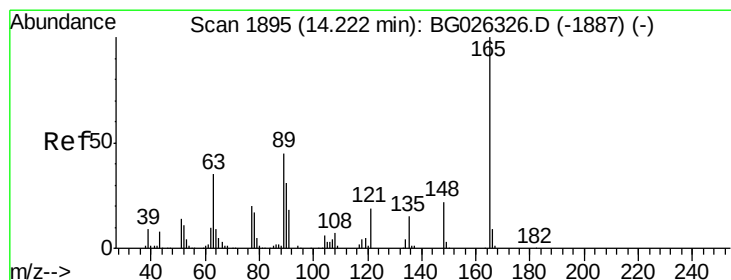
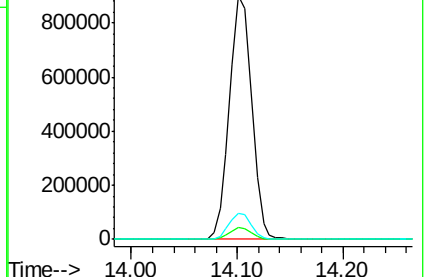
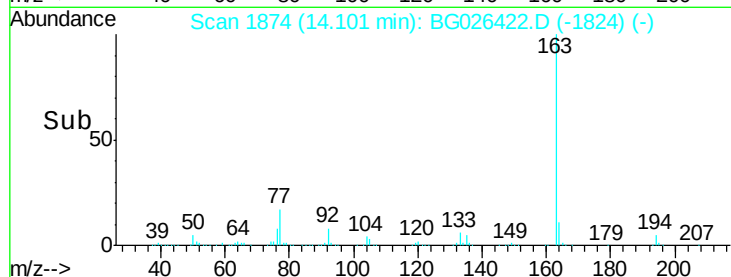
164 10.7 9.3 13.9



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

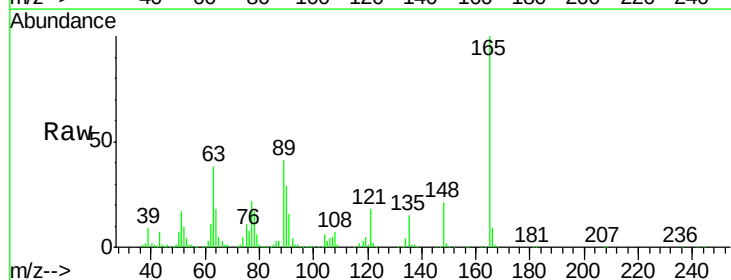
Tgt Ion:165 Resp: 315004

Ion Ratio Lower Upper

165 100

63 38.4 63.9 95.9#

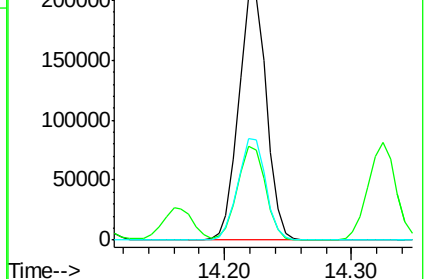
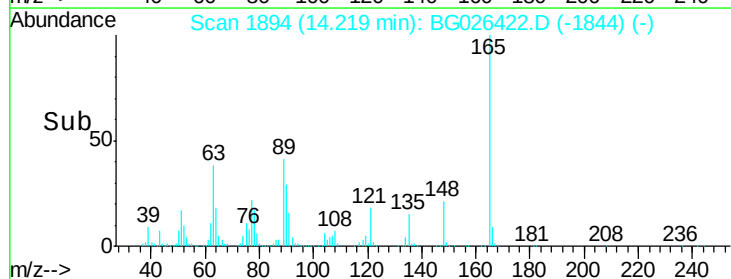
89 41.5 58.6 88.0#

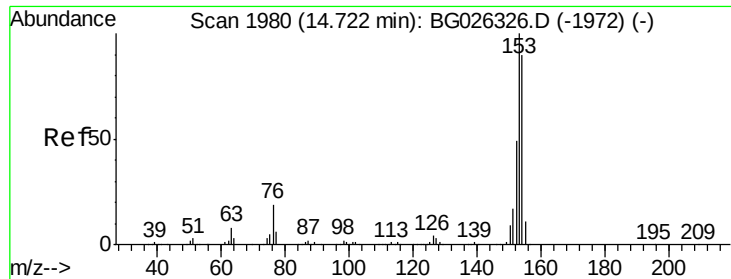


Abundance Ion 165.00 (164.70 to 165.70): E

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

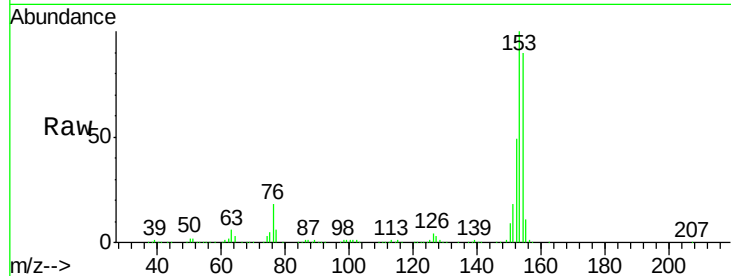
Tot Ion:154 Resp: 1040741

Ion Ratio Lower Upper

154 100

153 111.1 87.8 131.6

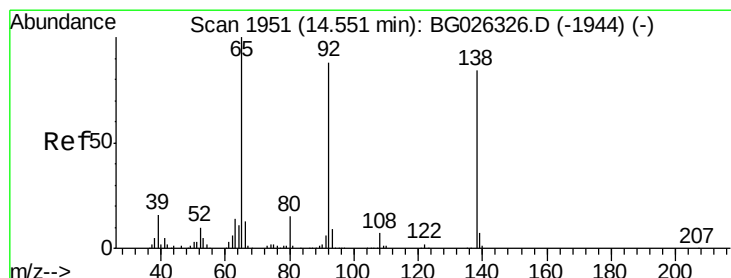
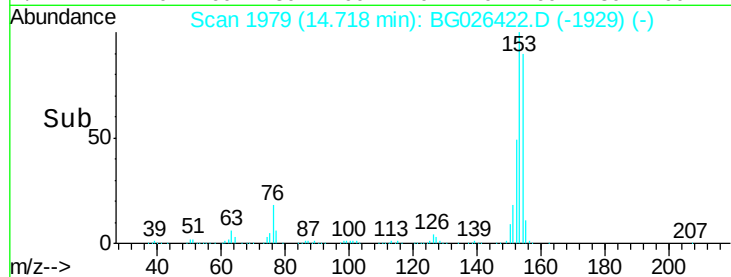
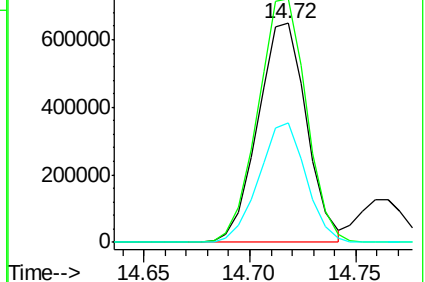
152 54.3 42.2 63.4



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

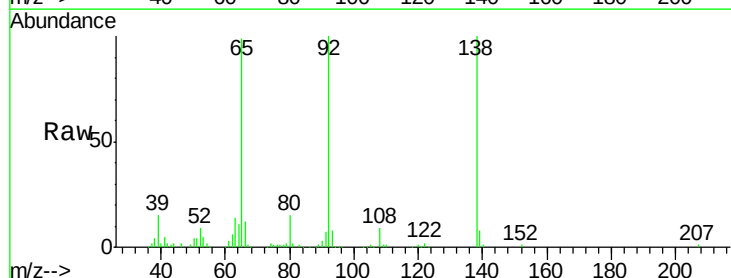
Tgt Ion:138 Resp: 84008

Ion Ratio Lower Upper

138 100

108 8.9 10.9 16.3#

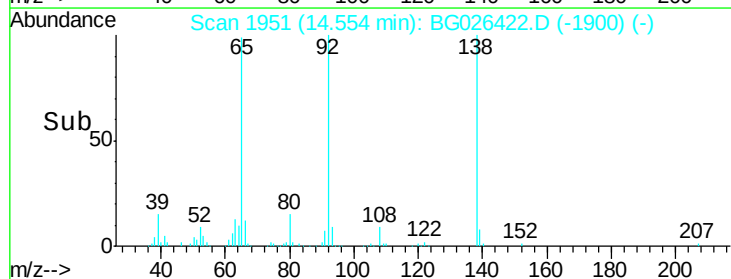
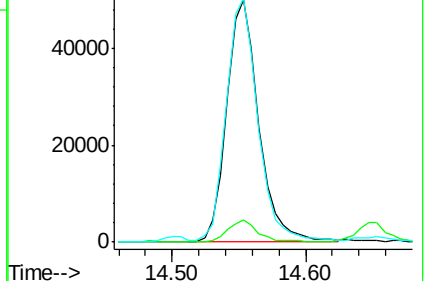
92 100.4 115.3 172.9#

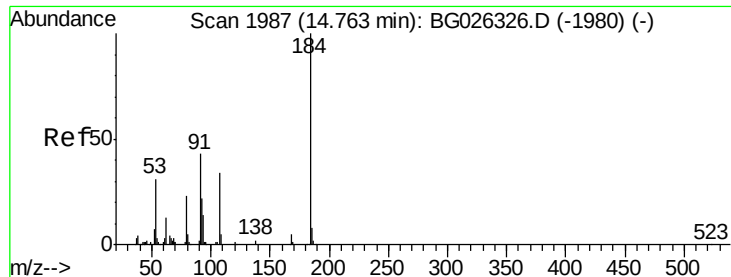


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#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

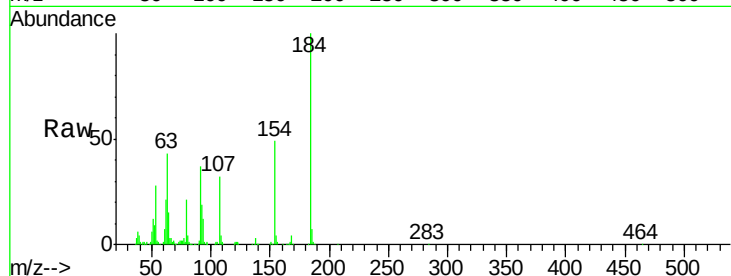
Tot Ion:184 Resp: 414425

Ion Ratio Lower Upper

184 100

63 43.2 52.7 79.1#

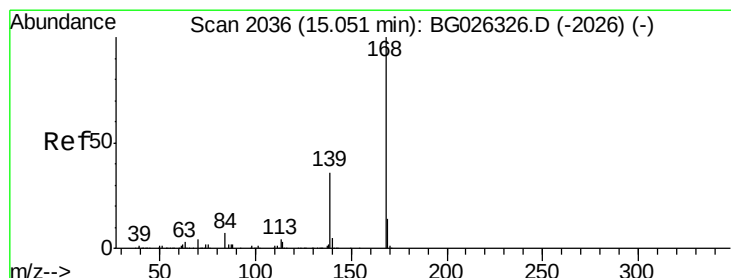
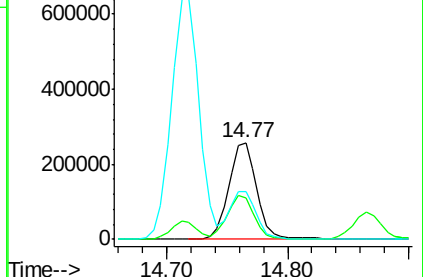
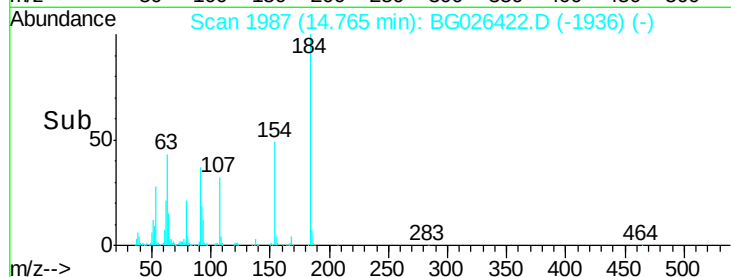
154 48.9 57.3 85.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



#54

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

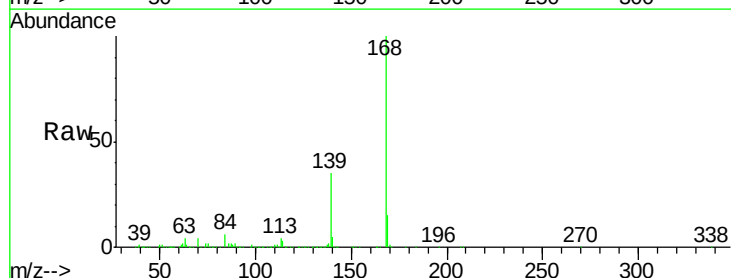
Tgt Ion:168 Resp: 1613089

Ion Ratio Lower Upper

168 100

139 35.0 35.3 52.9#

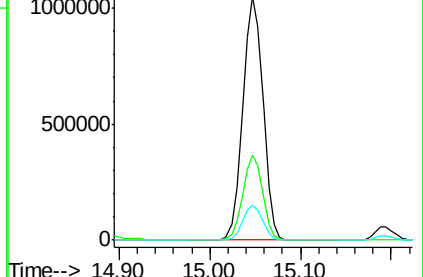
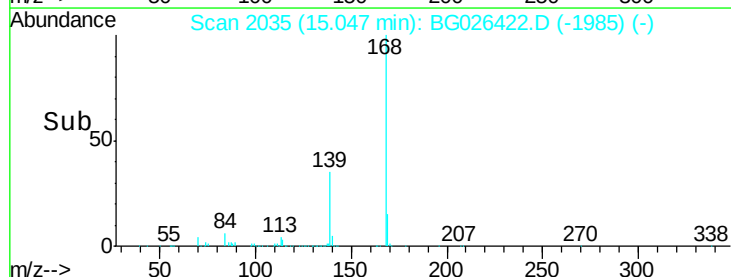
169 14.6 11.5 17.3

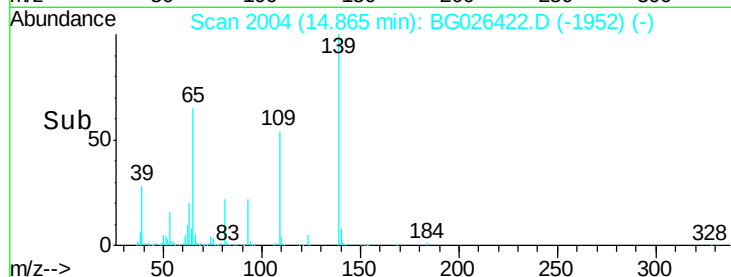
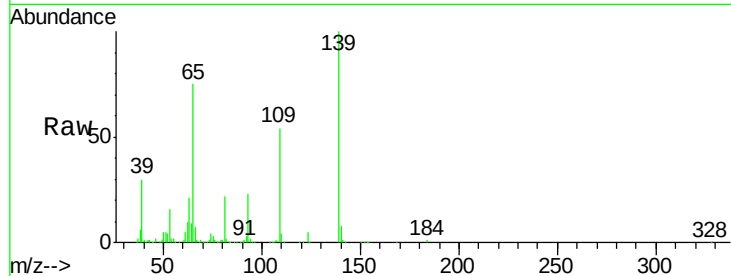
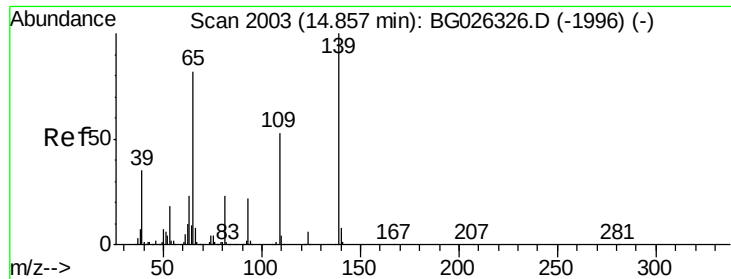


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

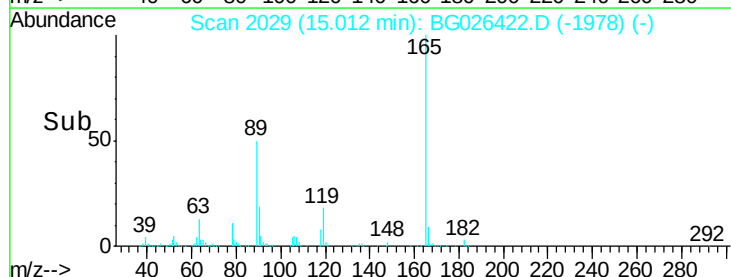
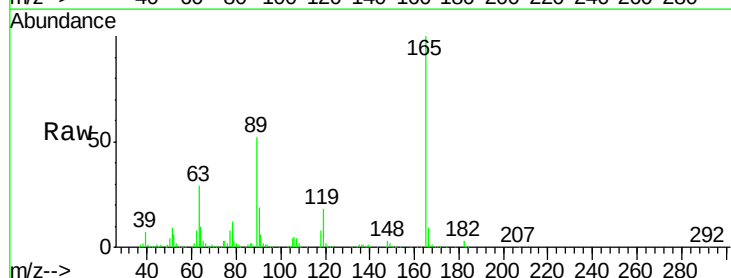
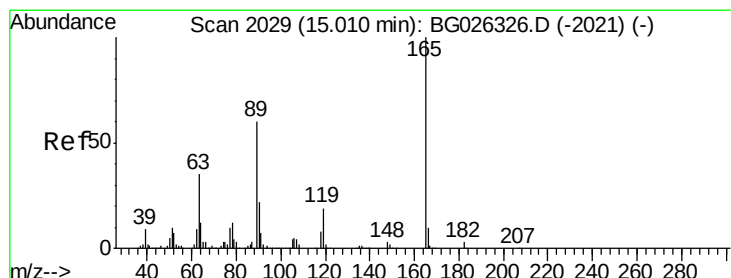
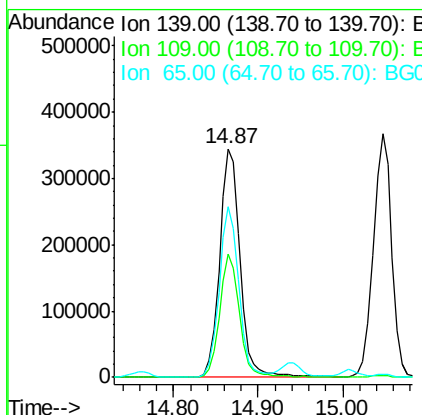




#55
4-Nitrophenol
Concen: 100.50 ng
RT: 14.87 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

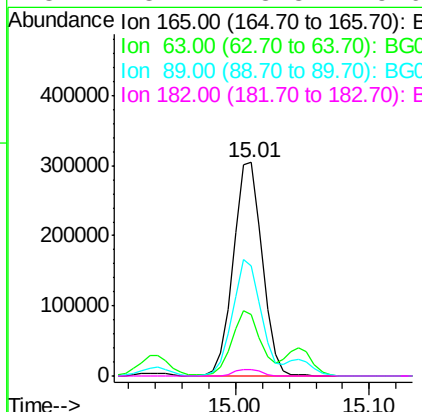
Instrument :
BNA_G
ClientSampleId :
PB97800BS

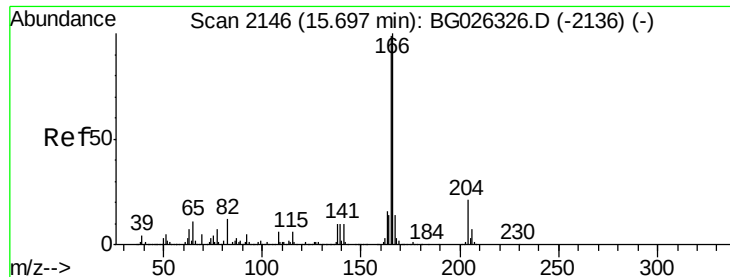
Tot Ion:139 Resp: 582349
Ion Ratio Lower Upper
139 100
109 53.9 101.2 141.2#
65 74.8 135.3 175.3#



#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

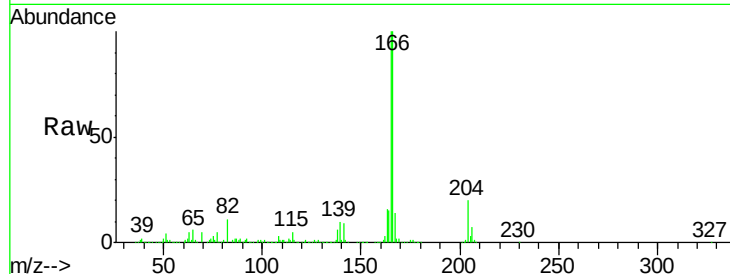
Tot Ion:166 Resp: 1338399

Ion Ratio Lower Upper

166 100

165 99.7 78.6 117.8

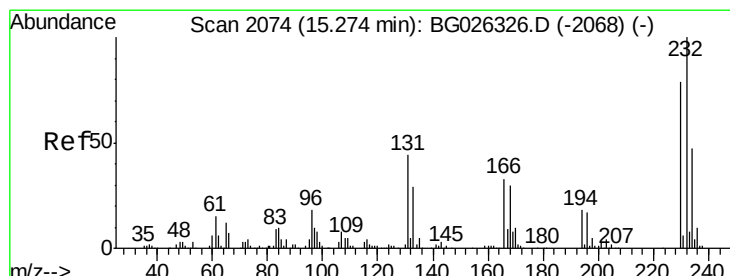
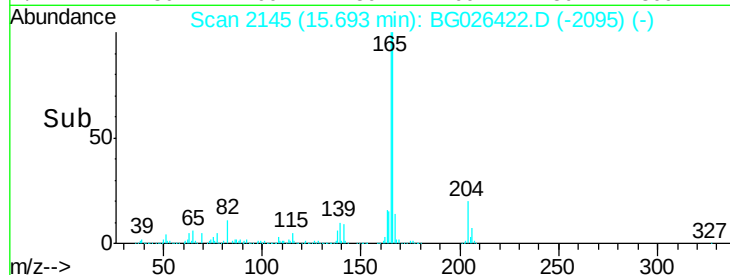
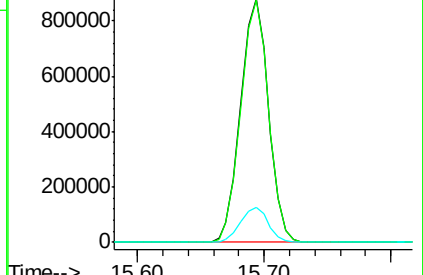
167 14.4 11.6 17.4



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

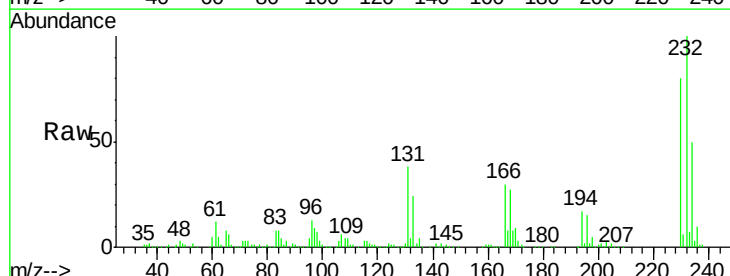
Ion Ratio Lower Upper

232 100

131 38.9 34.9 52.3

130 2.1 2.3 3.5#

166 29.3 24.2 36.4

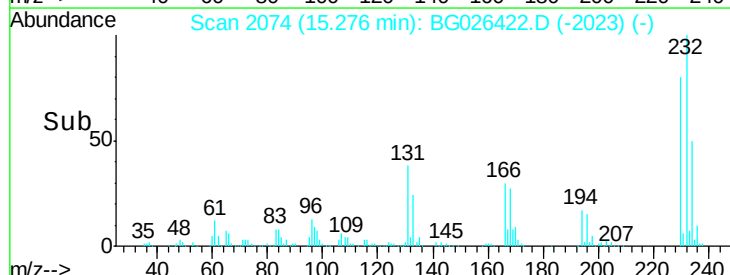
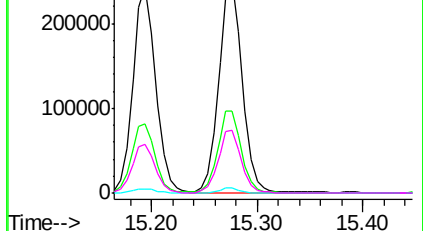


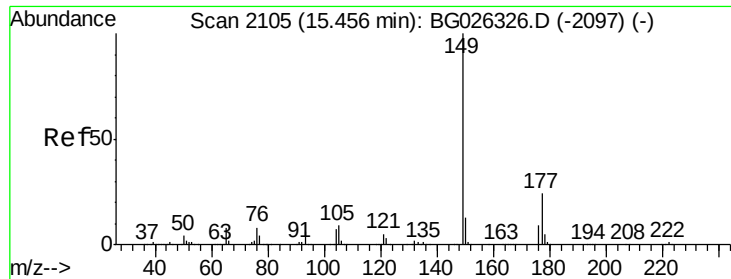
Abundance Ion 232.00 (231.70 to 232.70): E

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

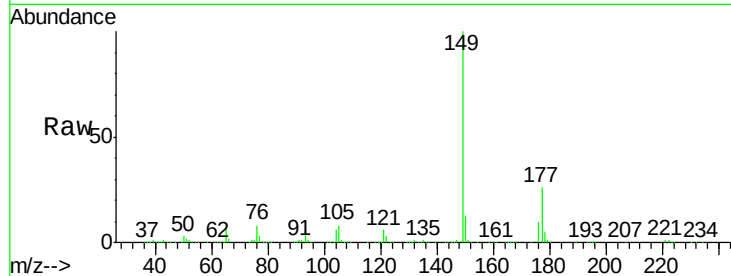
Tot Ion:149 Resp: 1320507

Ion	Ratio	Lower	Upper
149	100		
177	26.1	20.1	30.1
150	13.3	10.2	15.2

149 100

177 26.1 20.1 30.1

150 13.3 10.2 15.2

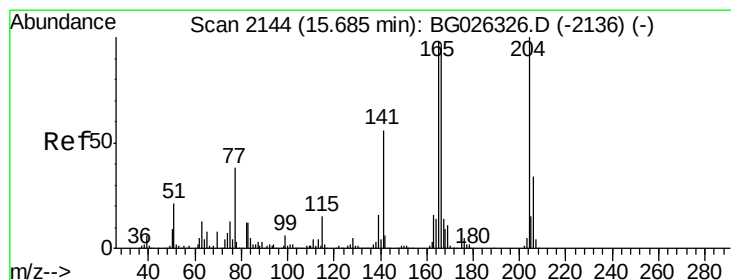
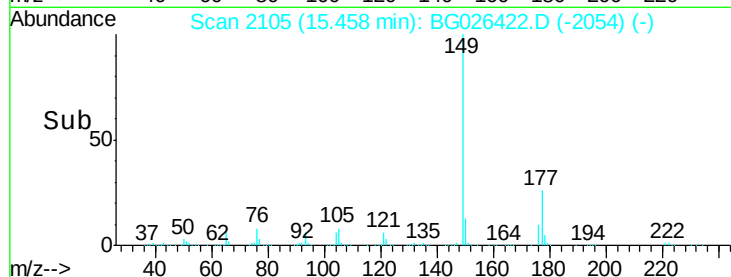
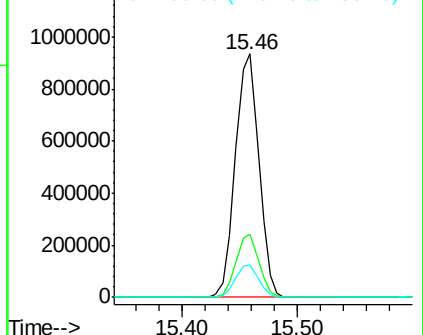


Abundance

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

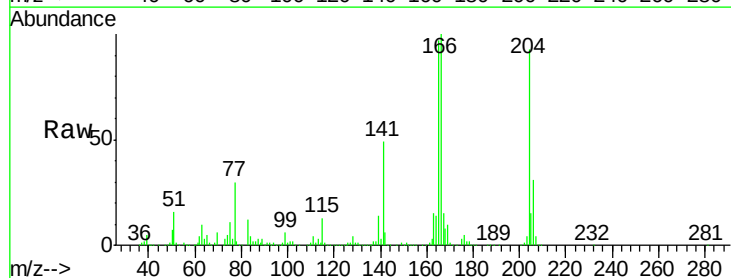
Tgt Ion:204 Resp: 663309

Ion	Ratio	Lower	Upper
204	100		
206	33.6	30.1	45.1
141	52.3	50.6	76.0

204 100

206 33.6 30.1 45.1

141 52.3 50.6 76.0

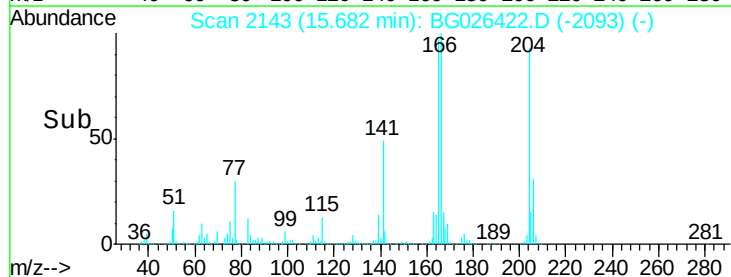
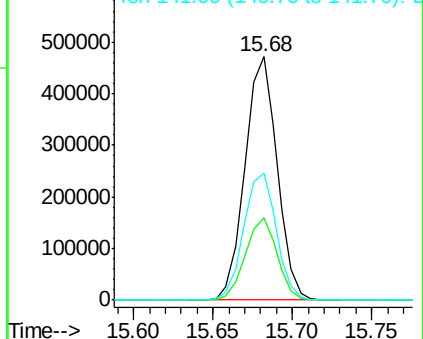


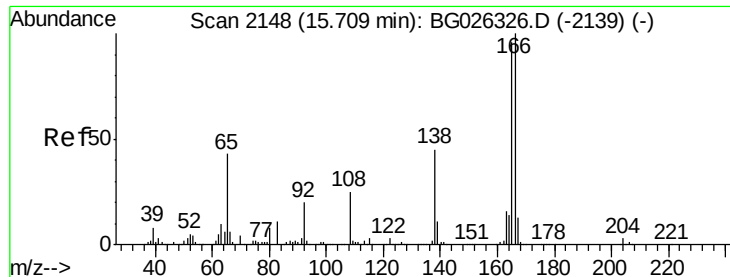
Abundance

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

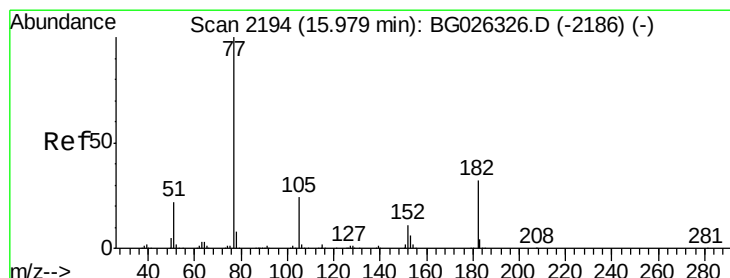
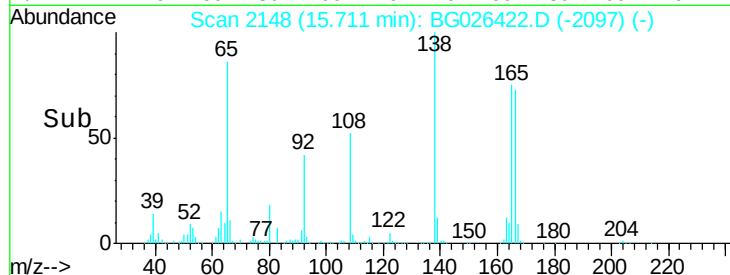
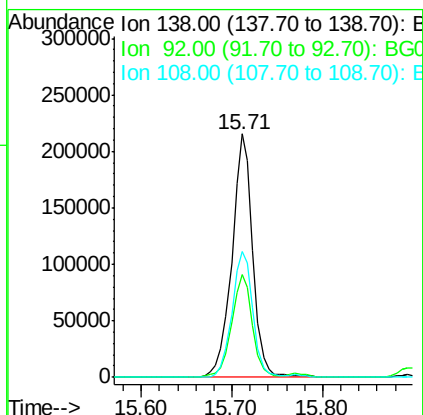
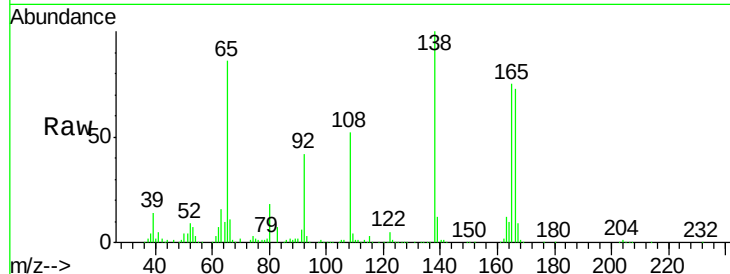




#61
4-Nitroaniline
Concen: 46.19 ng
RT: 15.71 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

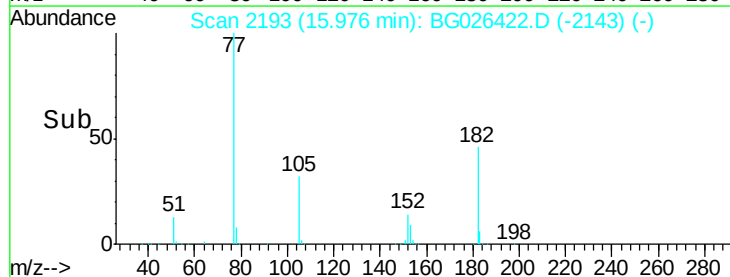
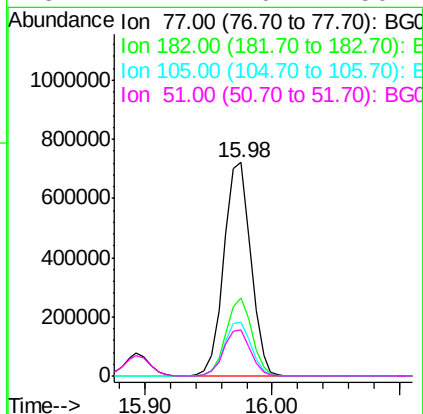
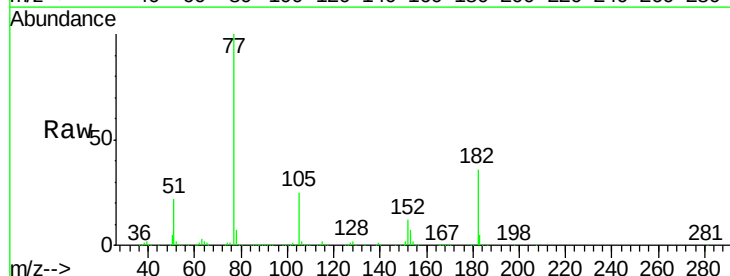
Instrument :
BNA_G
ClientSampleId :
PB97800BS

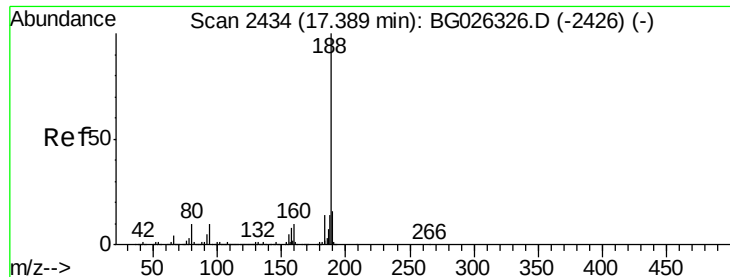
Tot Ion:138 Resp: 345748
Ion Ratio Lower Upper
138 100
92 42.4 44.2 84.2#
108 51.9 104.8 144.8#



#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

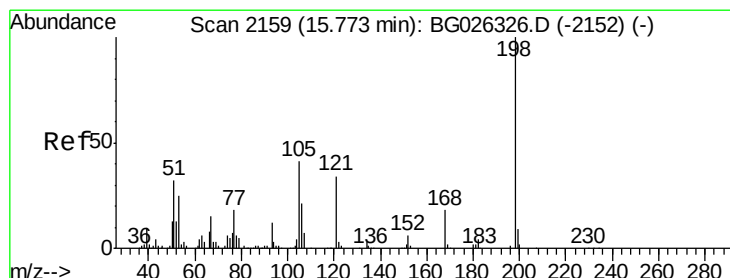
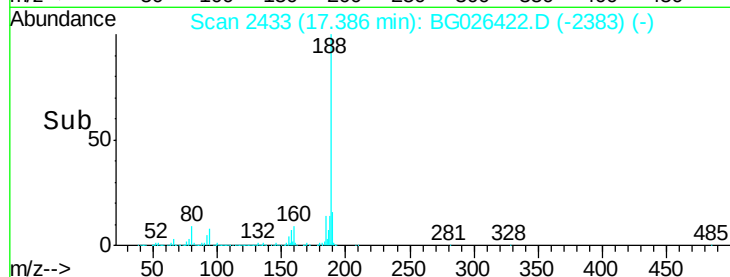
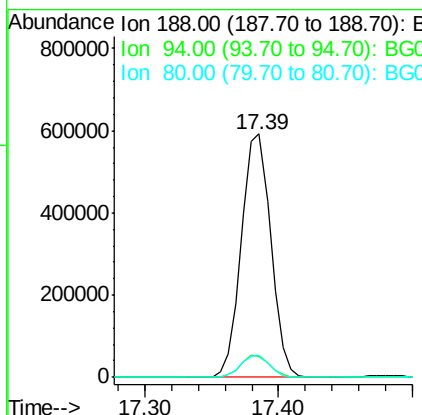
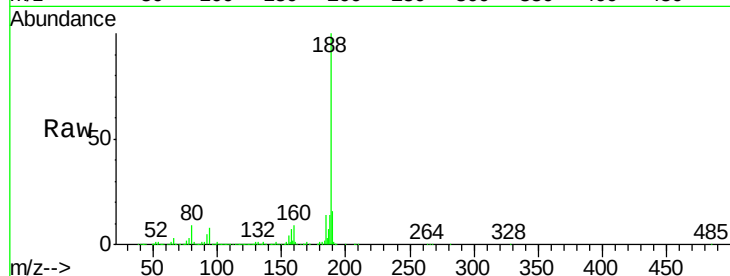




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.39 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

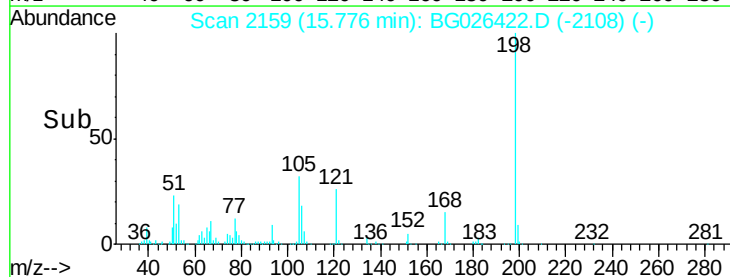
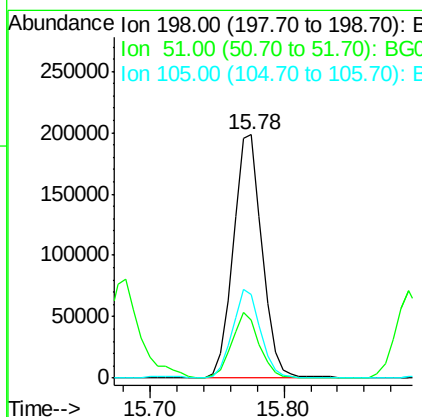
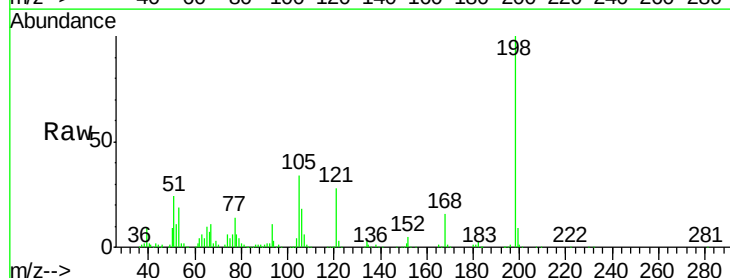
Instrument :
BNA_G
ClientSampleId :
PB97800BS

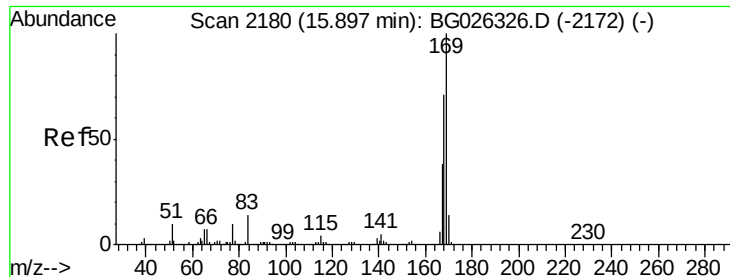
Tot Ion:188 Resp: 902677
Ion Ratio Lower Upper
188 100
94 8.4 5.8 8.8
80 8.9 7.5 11.3



#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

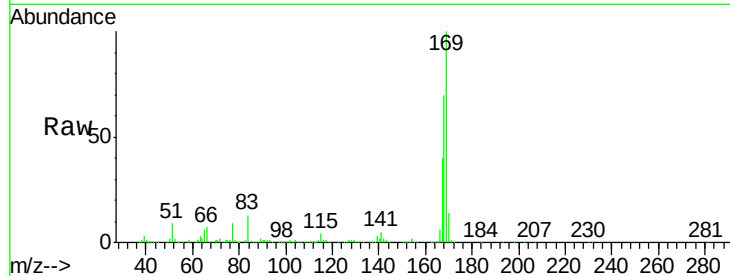




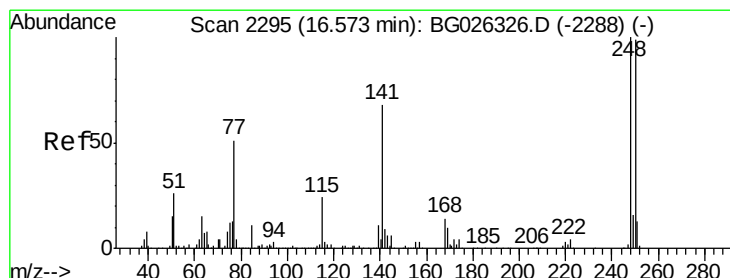
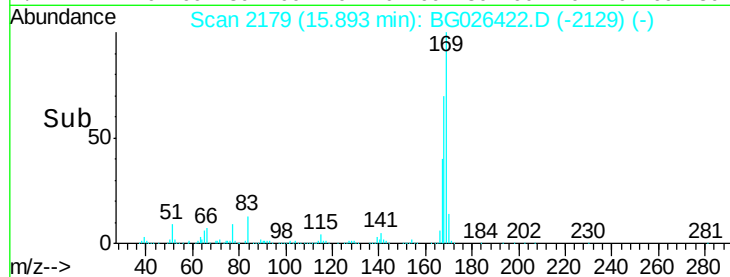
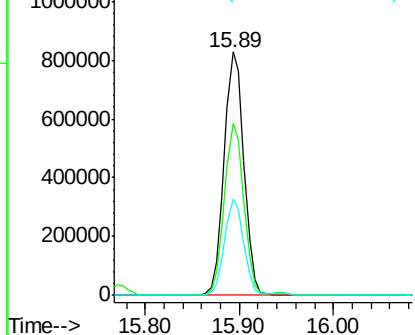
#65
n-Nitrosodiphenylamine
Concen: 45.72 ng
RT: 15.89 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

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

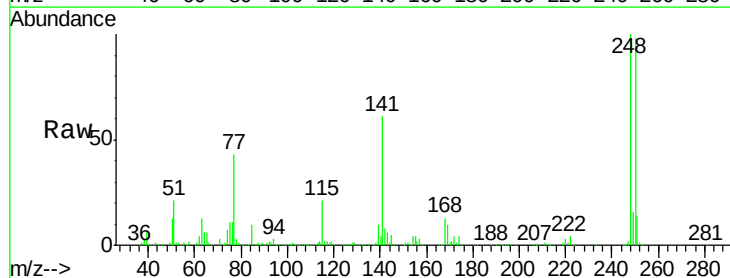


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

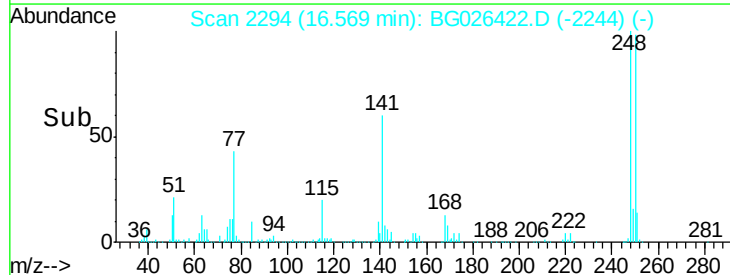
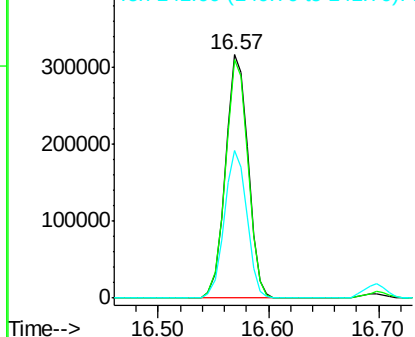


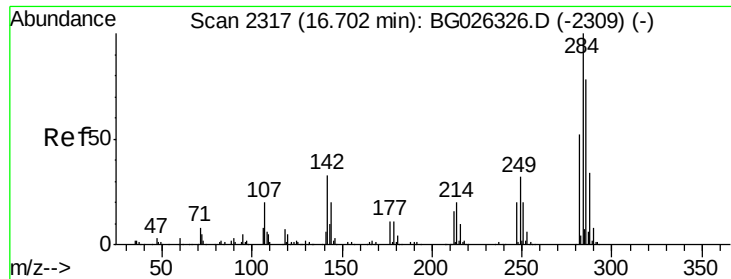
#66
4-Bromophenyl-phenylether
Concen: 48.76 ng
RT: 16.57 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

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



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 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

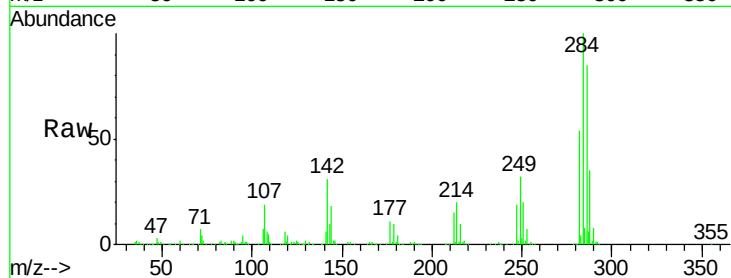
Tot Ion:284 Resp: 475359

Ion Ratio Lower Upper

284 100

142 30.6 29.9 44.9

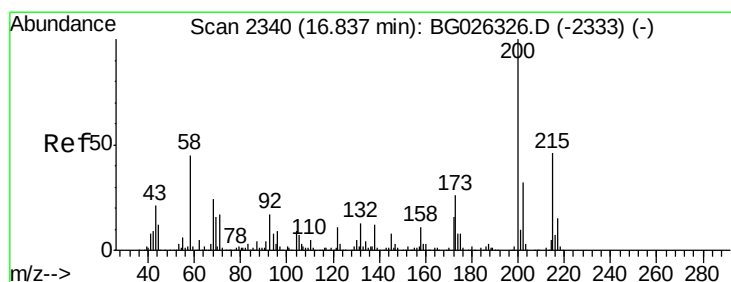
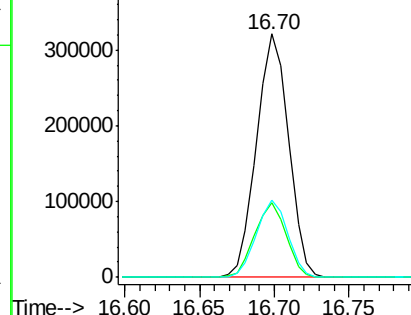
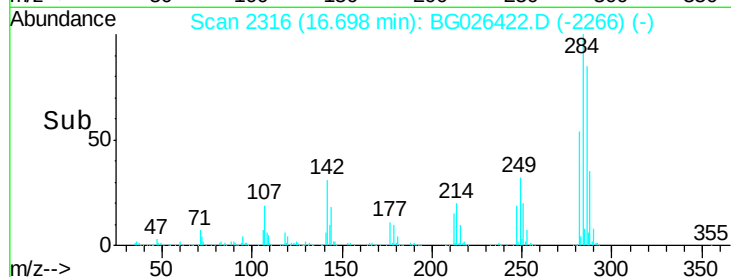
249 32.0 29.2 43.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 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

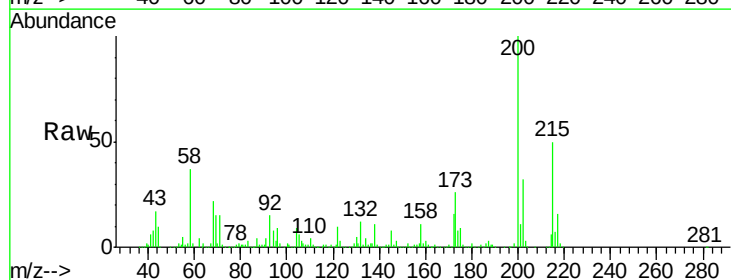
Tgt Ion:200 Resp: 453723

Ion Ratio Lower Upper

200 100

173 26.5 3.0 43.0

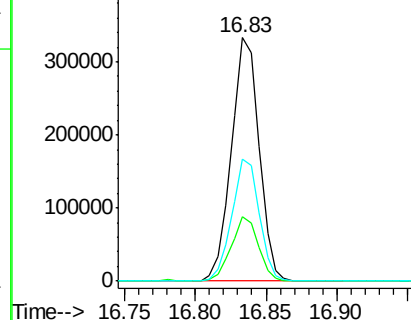
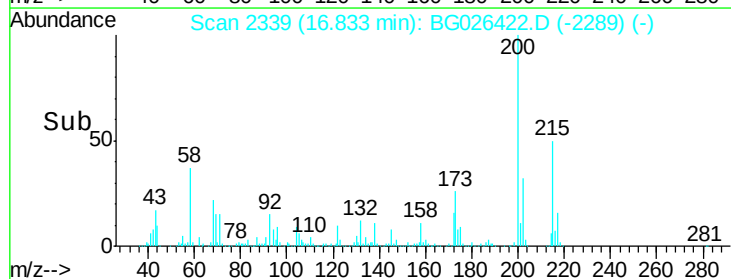
215 50.0 28.4 68.4

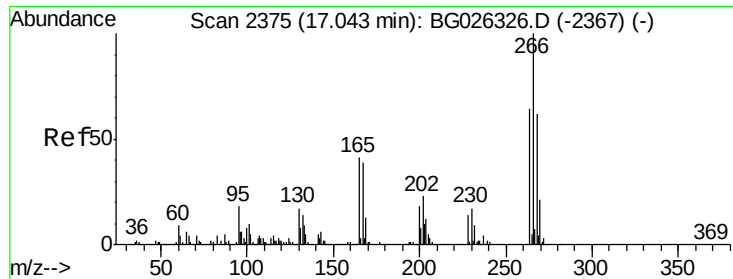


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

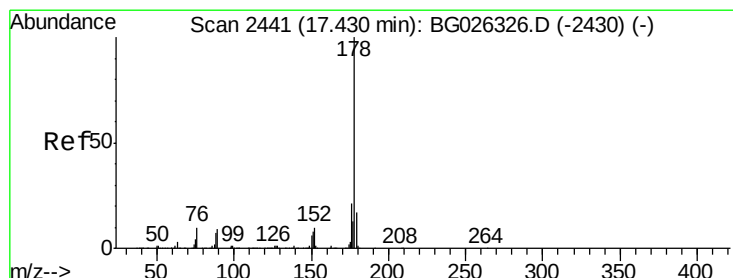
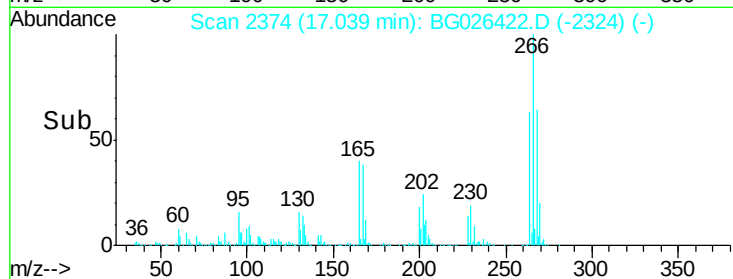
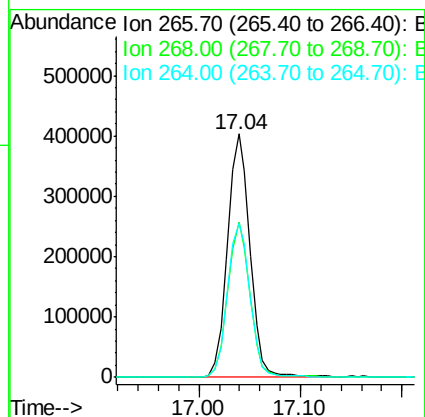
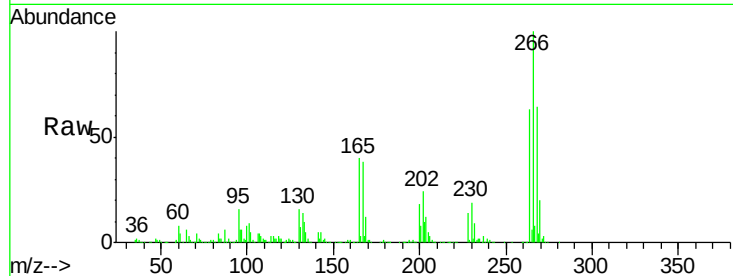




#69
 Pentachlorophenol
 Concen: 96.13 ng
 RT: 17.04 min Scan# 2374
 Delta R.T. -0.00 min
 Lab File: BG026422.D
 Acq: 24 Mar 2017 19:50

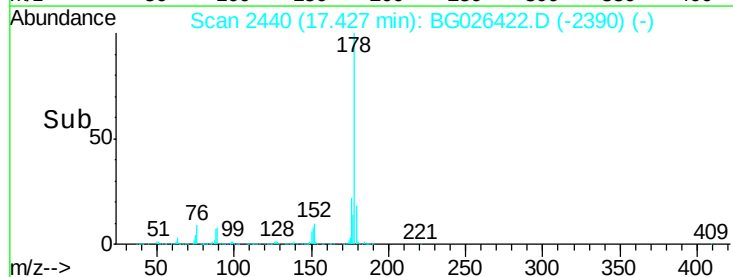
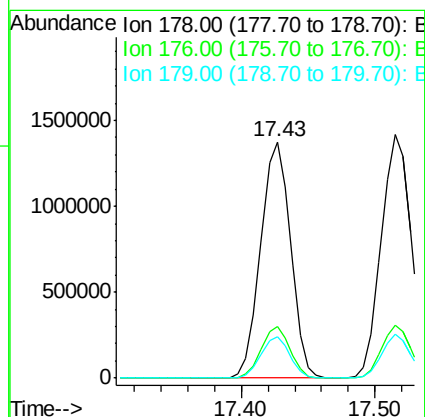
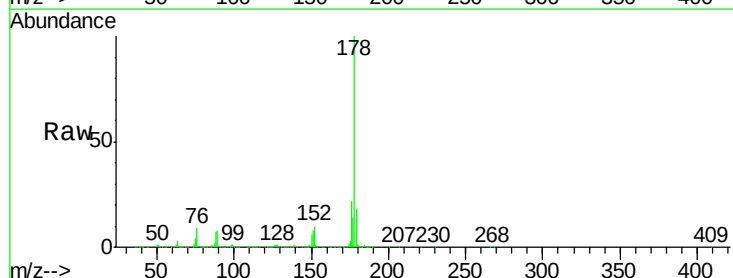
Instrument :
 BNA_G
 ClientSampleId :
 PB97800BS

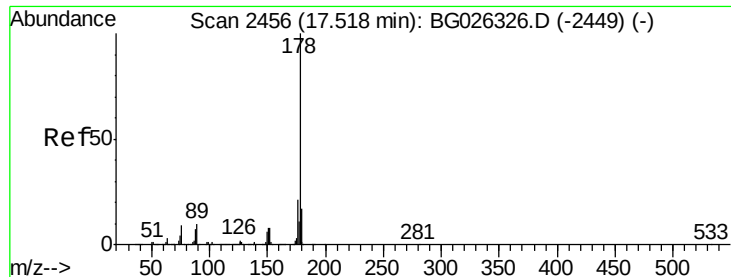
Tot Ion:266 Resp: 619448
 Ion Ratio Lower Upper
 266 100
 268 63.9 48.6 72.8
 264 63.3 50.1 75.1



#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

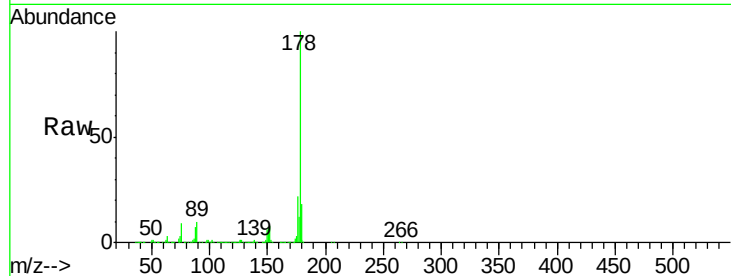
Tot Ion:178 Resp: 2205397

Ion Ratio Lower Upper

178 100

176 21.6 16.4 24.6

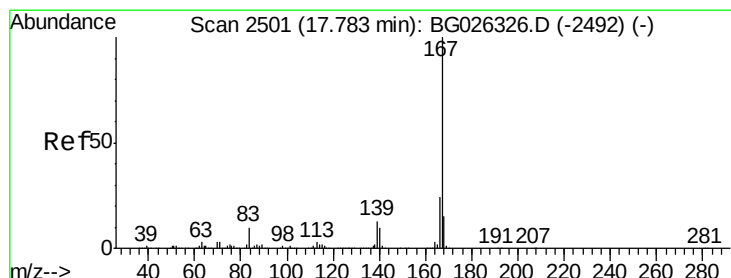
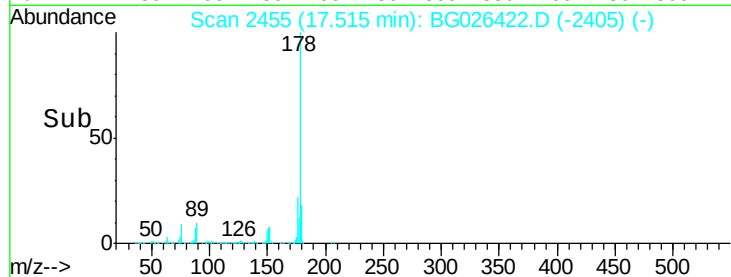
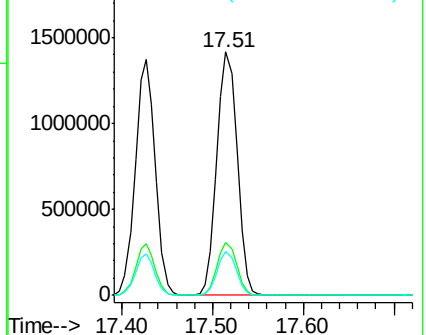
179 18.0 13.8 20.8



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

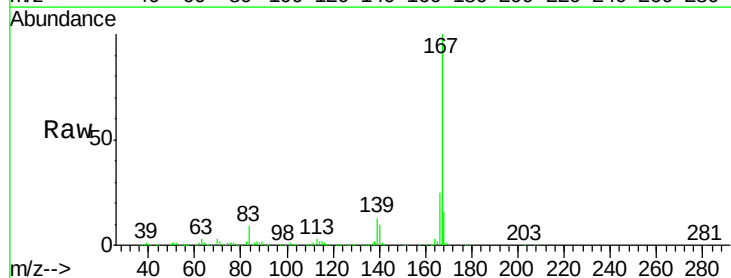
Tgt Ion:167 Resp: 2120019

Ion Ratio Lower Upper

167 100

166 24.9 20.2 30.2

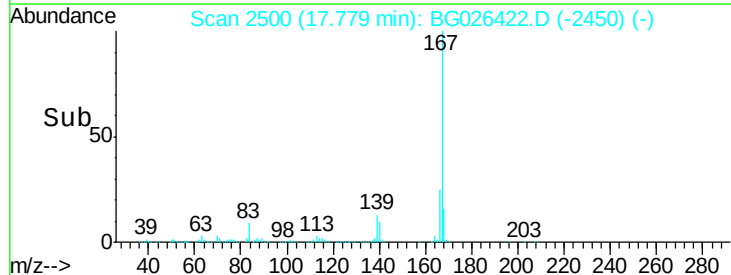
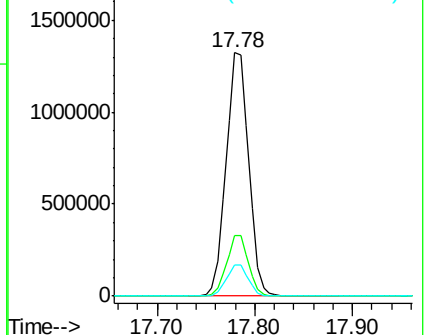
139 12.9 12.8 19.2

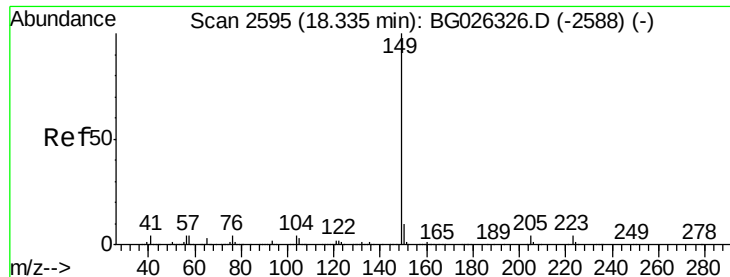


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

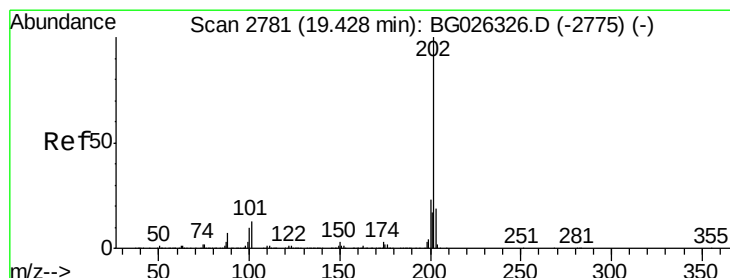
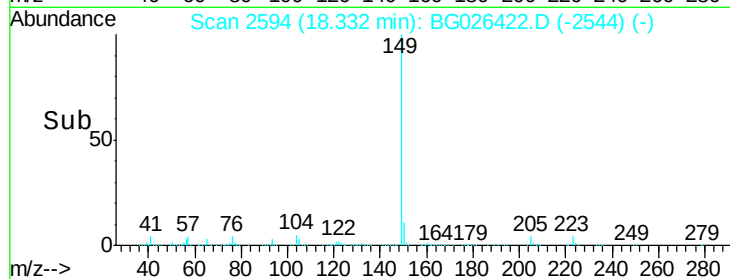
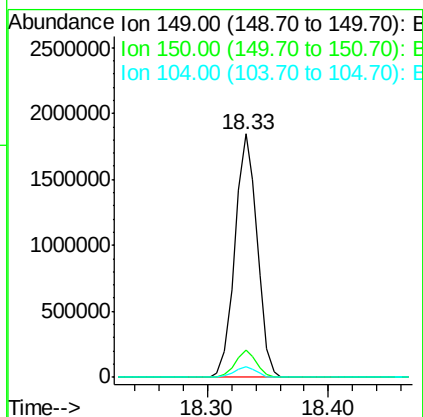
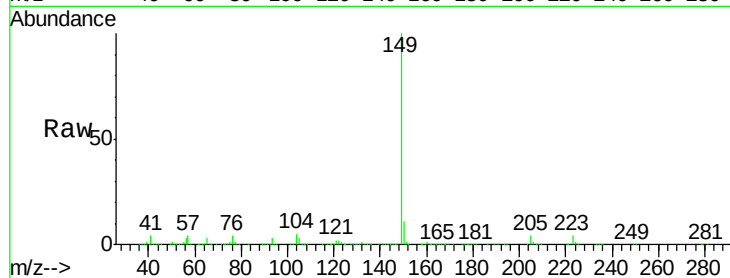




#73
Di-n-butylphthalate
Concen: 45.22 ng
RT: 18.33 min Scan# 2594
Delta R.T. -0.00 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

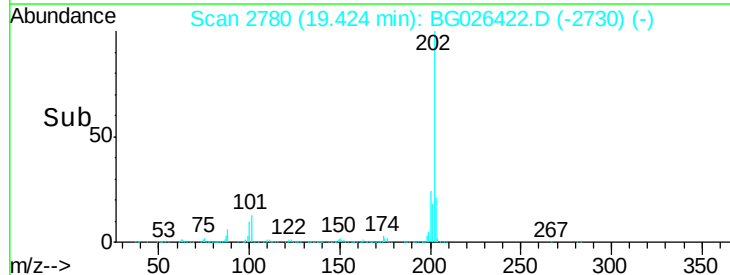
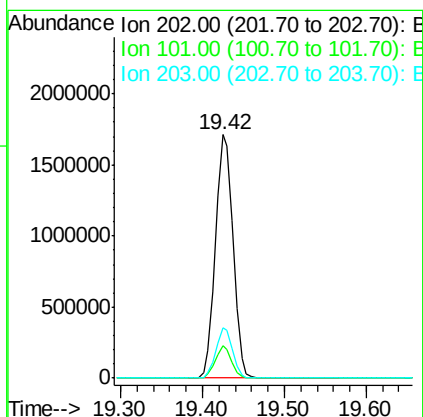
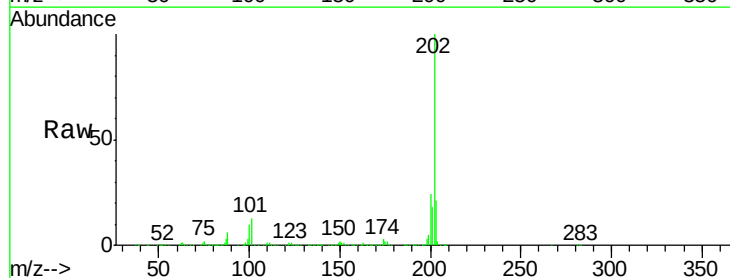
Instrument :
BNA_G
ClientSampleId :
PB97800BS

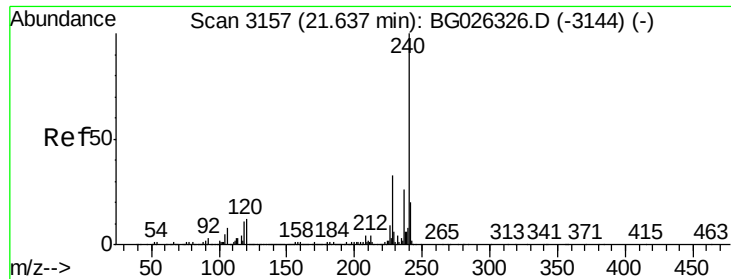
Tot Ion:149 Resp: 2365722
Ion Ratio Lower Upper
149 100
150 11.2 9.1 13.7
104 4.5 6.7 10.1#



#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





#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

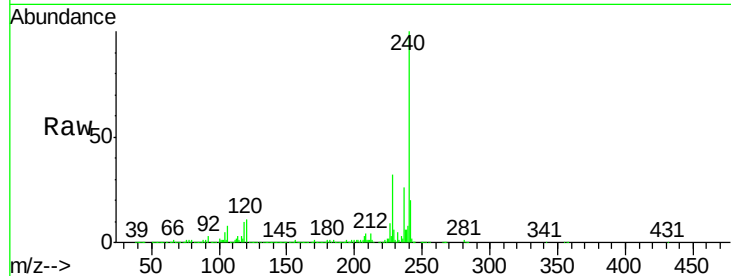
Tot Ion:240 Resp: 1016718

Ion Ratio Lower Upper

240 100

120 10.8 5.7 8.5#

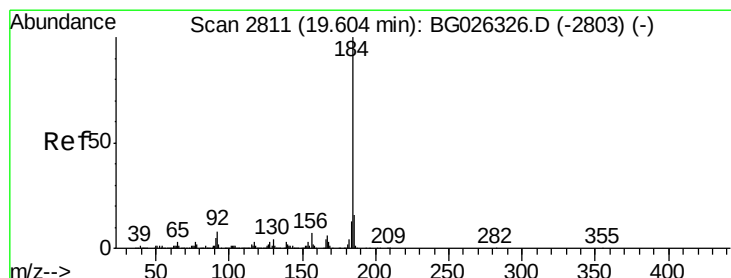
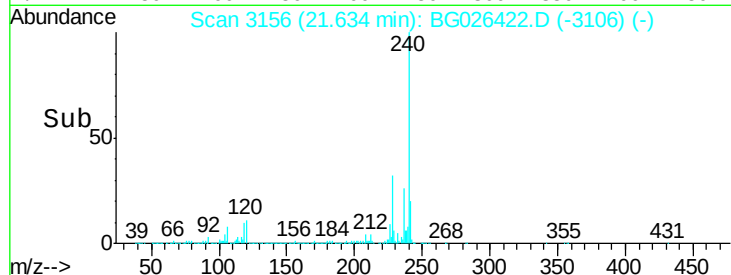
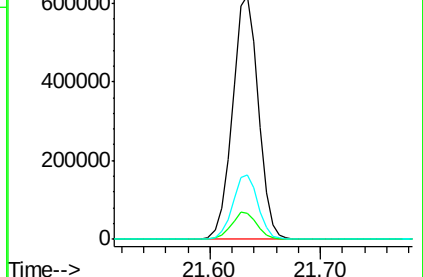
236 26.2 22.2 33.4



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

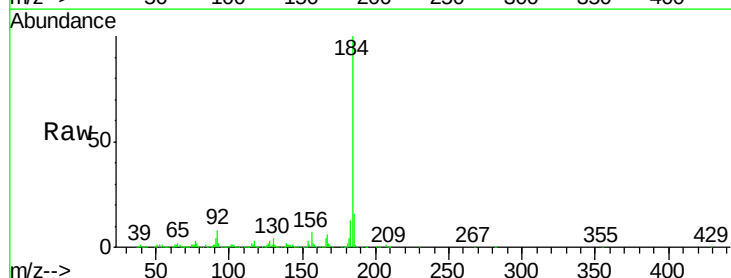
Tgt Ion:184 Resp: 662474

Ion Ratio Lower Upper

184 100

185 15.7 13.0 19.6

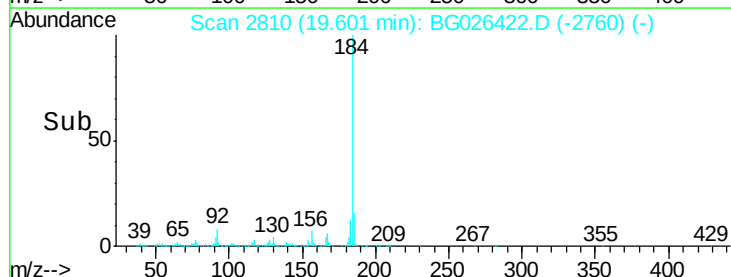
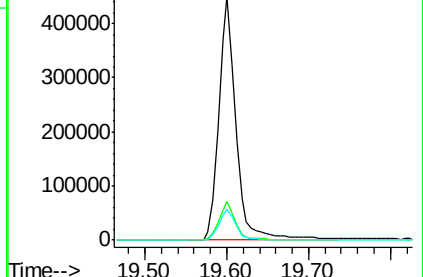
183 12.8 11.0 16.6

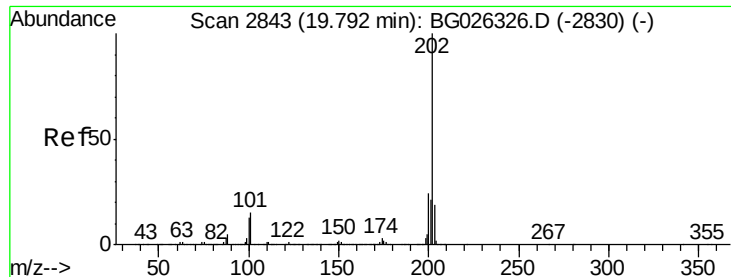


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

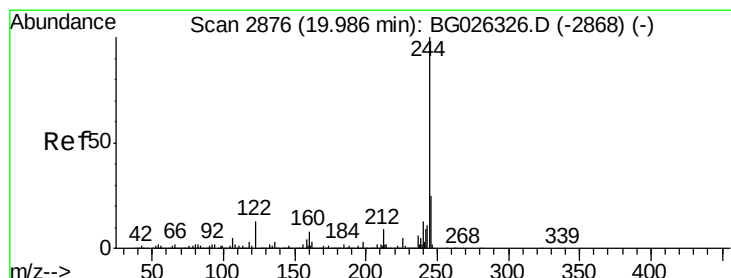
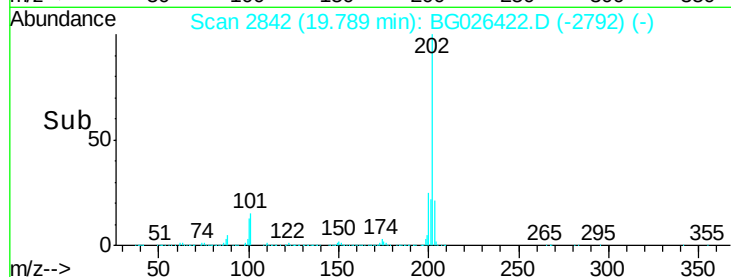
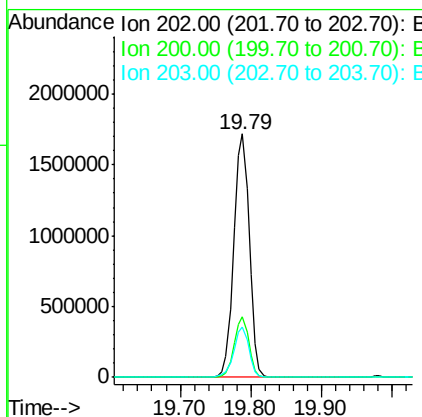
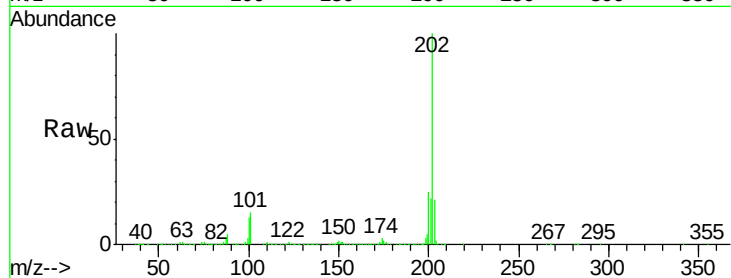




#77
Pvrene
Concen: 44.47 ng
RT: 19.79 min Scan# 2842
Delta R.T. -0.00 min
Lab File: BG026422.D
Acq: 24 Mar 2017 19:50

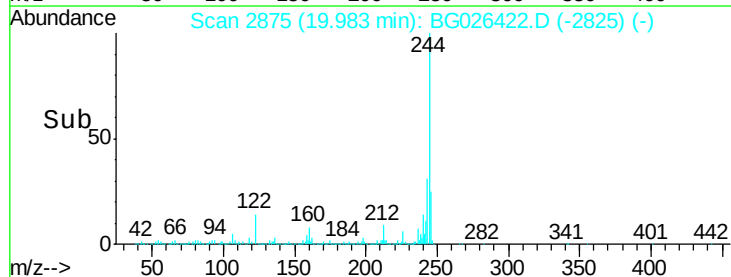
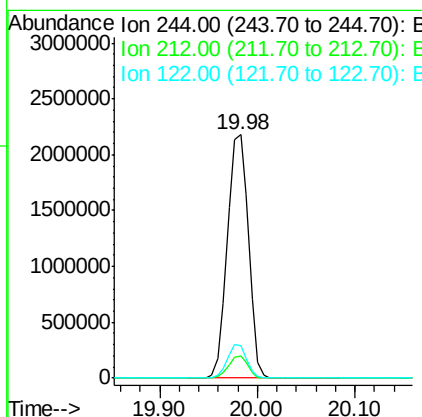
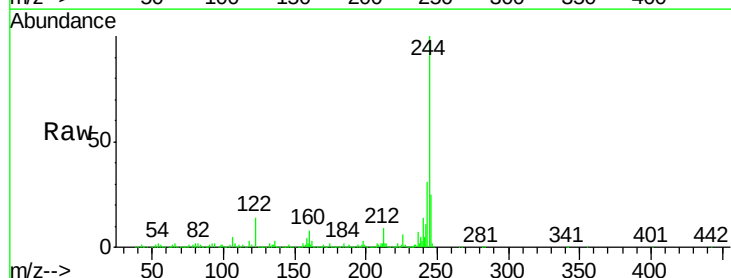
Instrument :
BNA_G
ClientSampleId :
PB97800BS

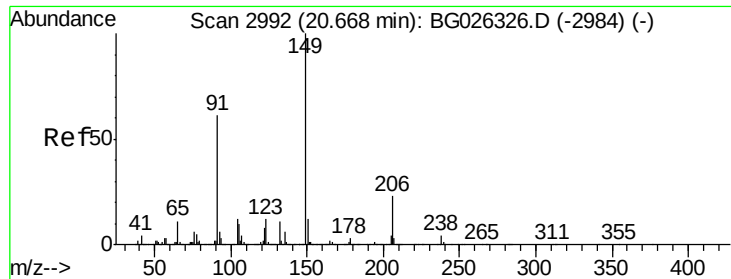
Tot Ion:202 Resp: 2618142
Ion Ratio Lower Upper
202 100
200 24.8 19.6 29.4
203 20.8 15.8 23.8



#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

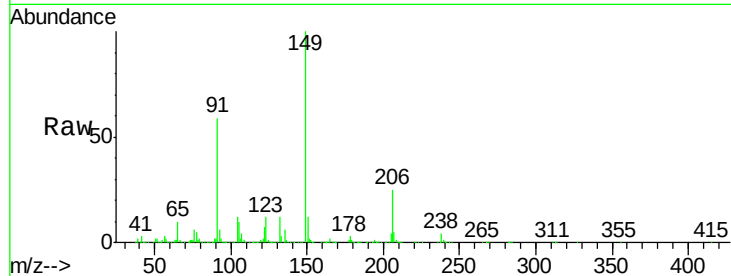
Tot Ion:149 Resp: 1108364

Ion Ratio Lower Upper

149 100

91 59.2 63.5 95.3#

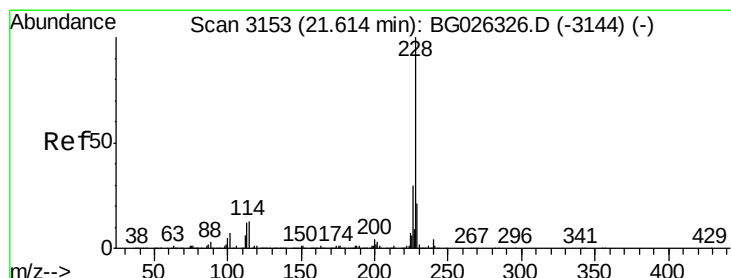
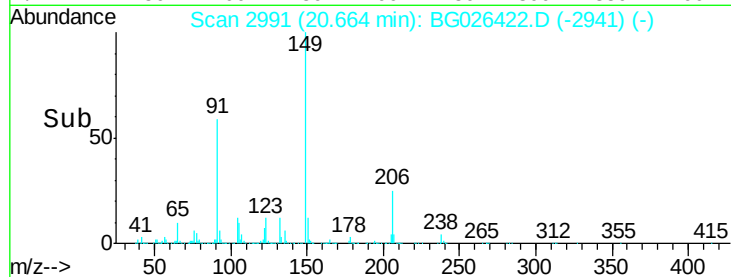
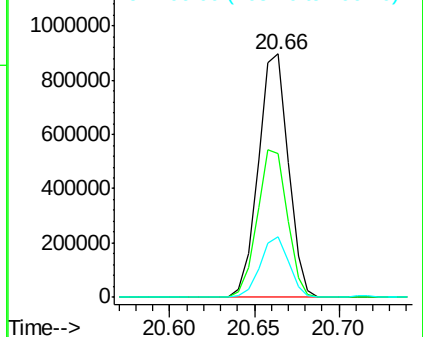
206 24.9 21.0 31.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 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

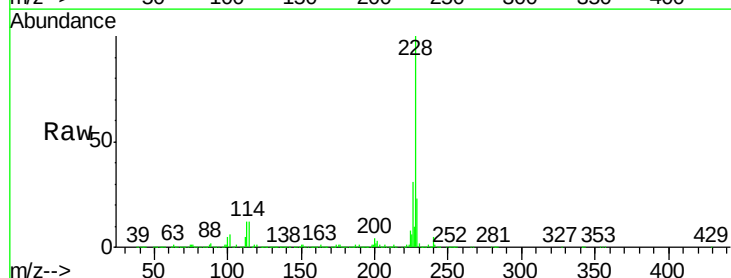
Tgt Ion:228 Resp: 2540992

Ion Ratio Lower Upper

228 100

226 31.2 24.9 37.3

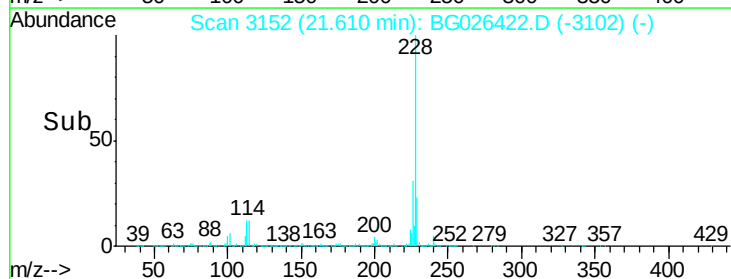
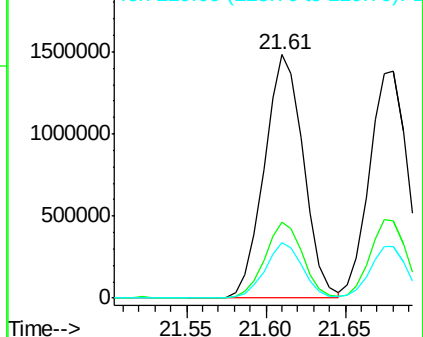
229 22.6 18.2 27.2

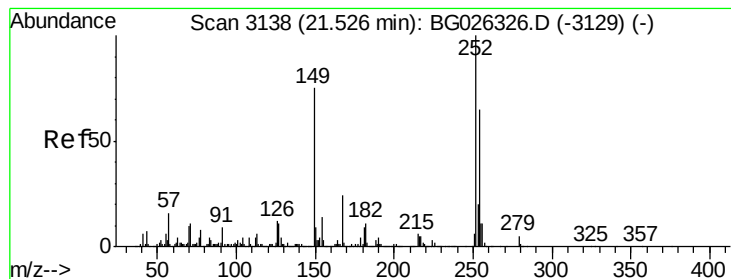


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

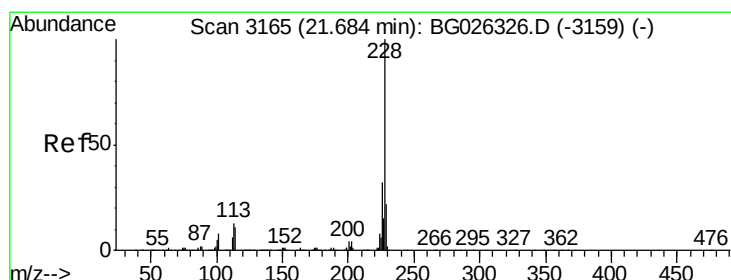
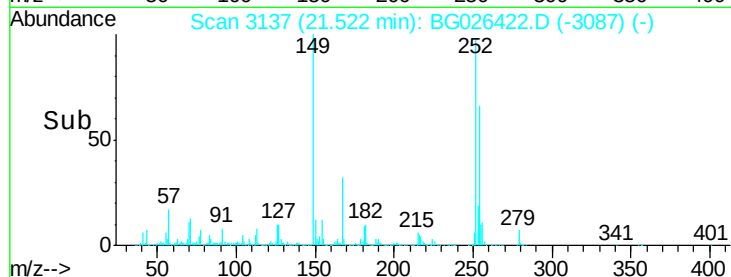
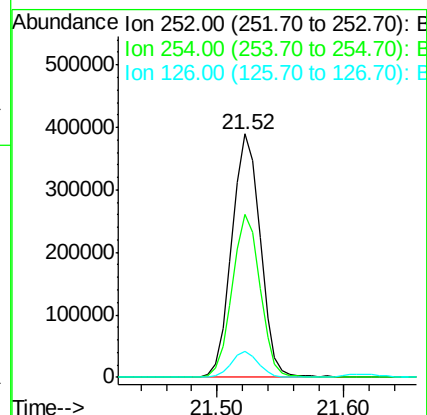
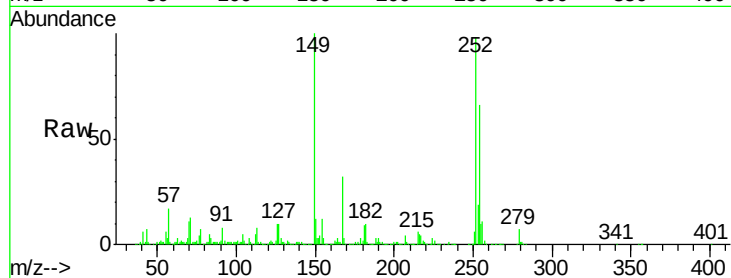




#81
 3,3'-Dichlorobenzidine
 Concen: 25.93 ng
 RT: 21.52 min Scan# 3137
 Delta R.T. -0.00 min
 Lab File: BG026422.D
 Acq: 24 Mar 2017 19:50

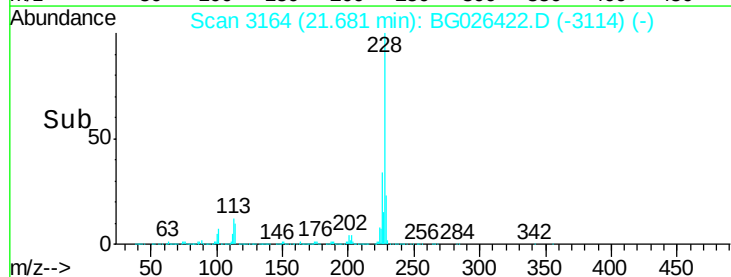
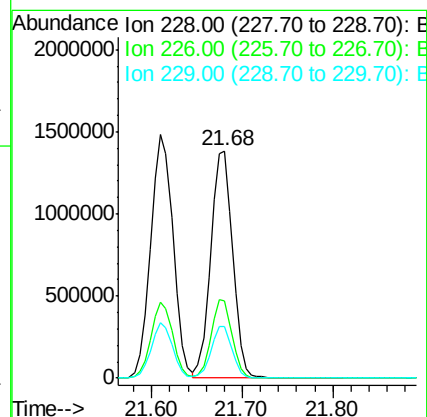
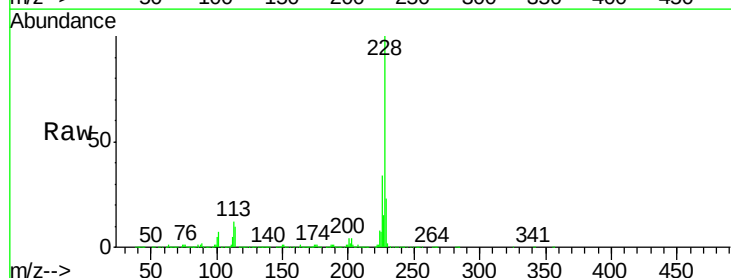
Instrument :
 BNA_G
 ClientSampleId :
 PB97800BS

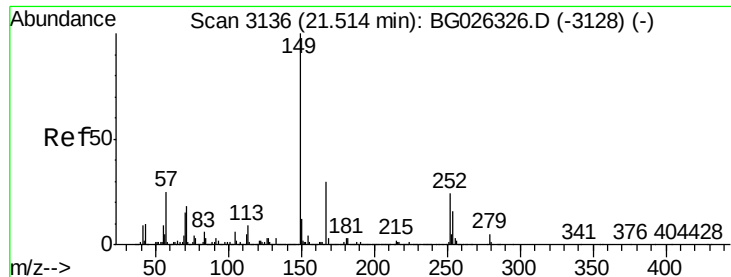
Tot Ion:252 Resp: 607278
 Ion Ratio Lower Upper
 252 100
 254 67.2 53.1 79.7
 126 10.6 7.0 10.4#



#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

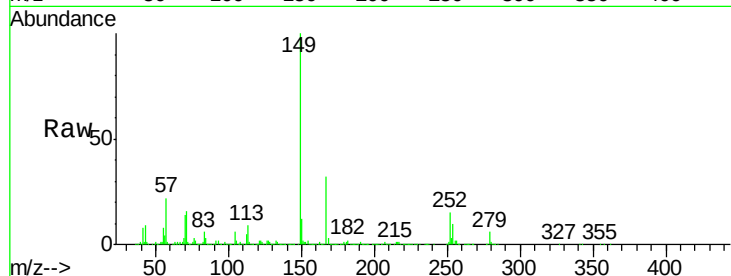
Tot Ion:149 Resp: 1570692

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

149 100

167 32.2 23.7 35.5

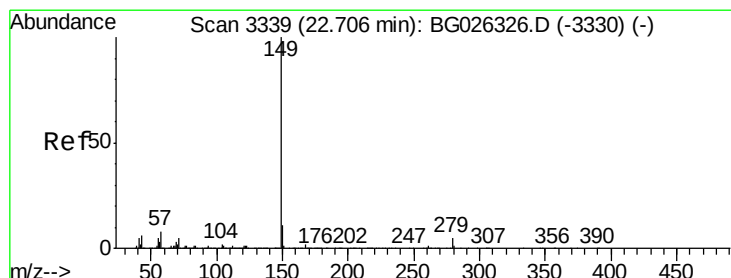
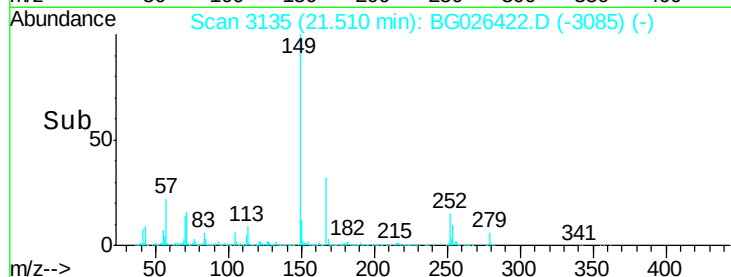
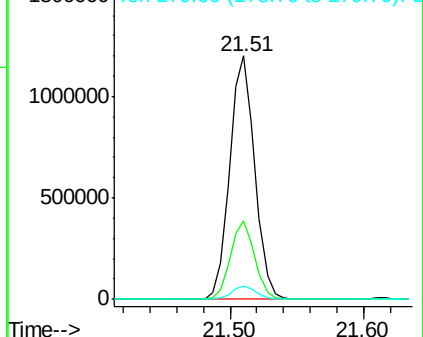
279 5.7 4.6 6.8



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

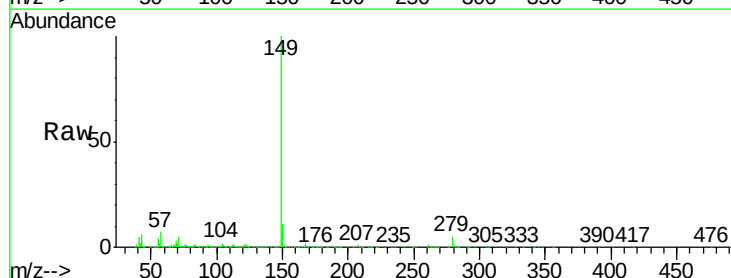
Tgt Ion:149 Resp: 2705601

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

149 100

167 1.7 1.4 2.2

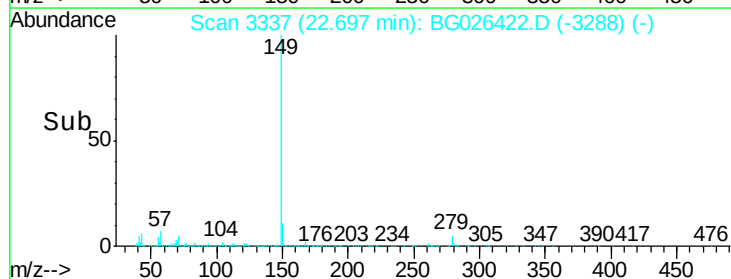
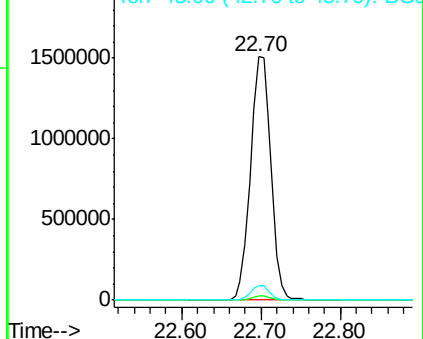
43 5.6 11.8 17.6

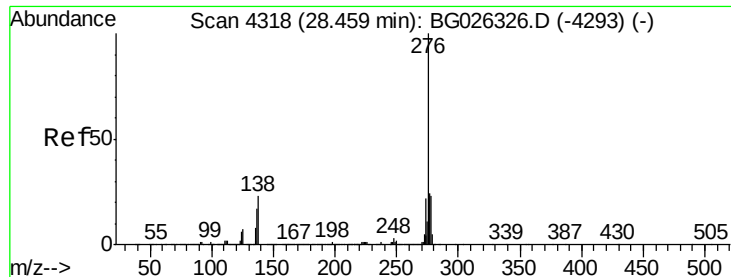


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#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

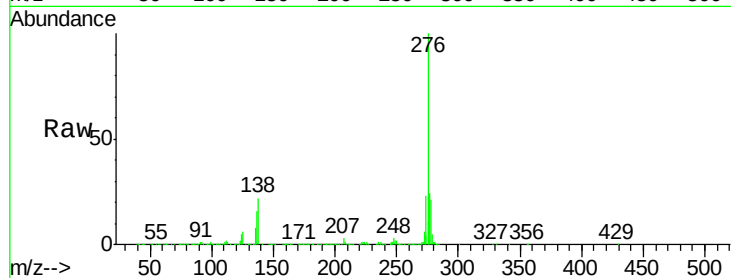
Tot Ion:276 Resp: 3252563

Ion Ratio Lower Upper

276 100

138 26.5 4.7 7.1#

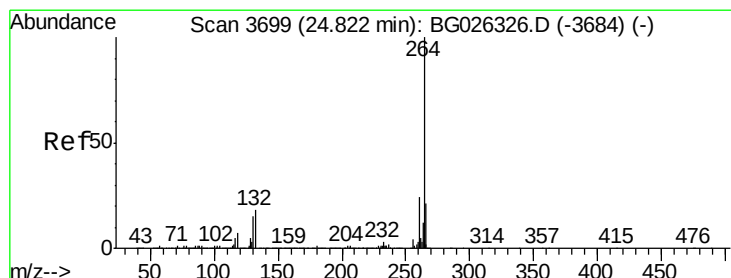
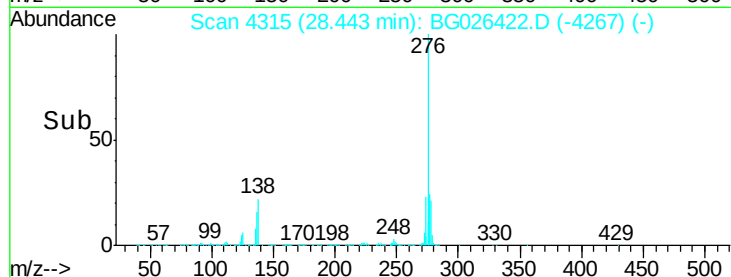
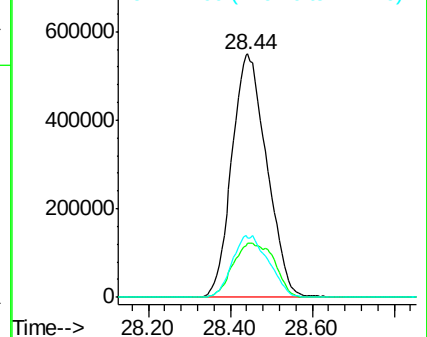
277 26.4 20.6 31.0



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

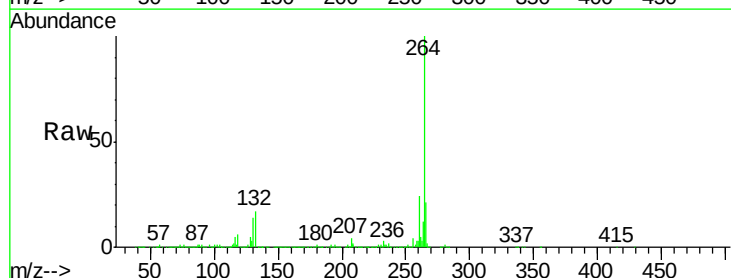
Tgt Ion:264 Resp: 1021655

Ion Ratio Lower Upper

264 100

260 23.8 21.8 32.8

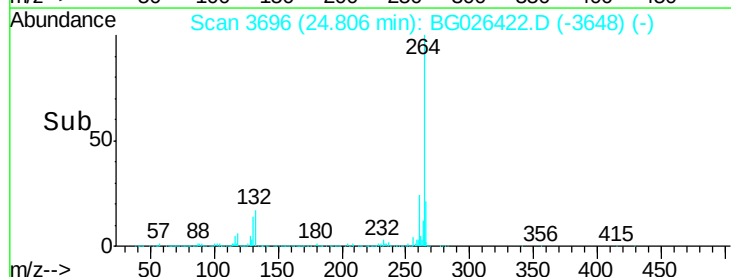
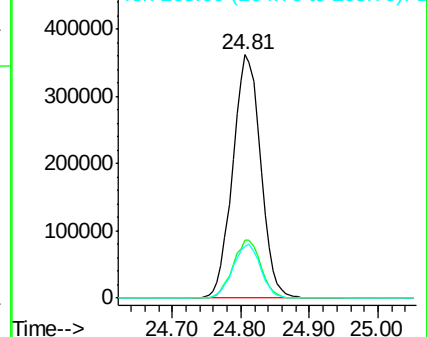
265 21.3 18.2 27.4

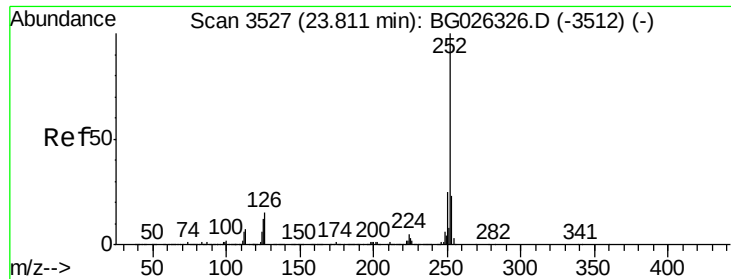


Abundance Ion 264.00 (263.70 to 264.70): E

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

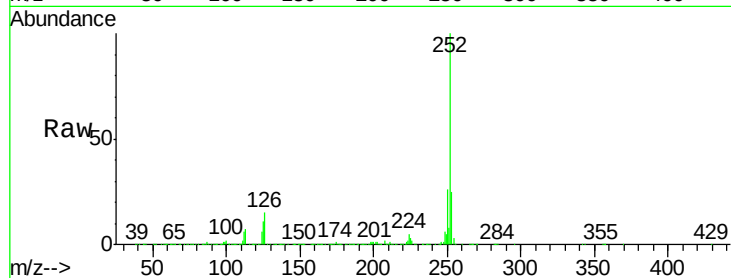
Tot Ion:252 Resp: 2735727

Ion Ratio Lower Upper

252 100

253 25.0 18.7 28.1

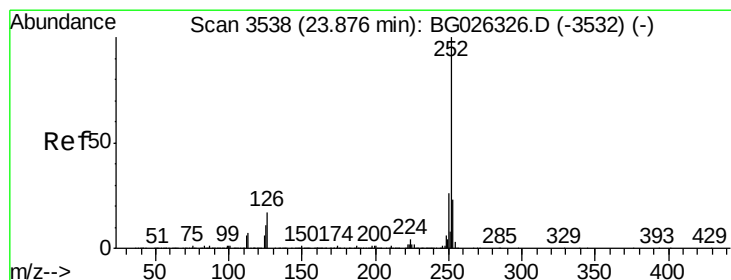
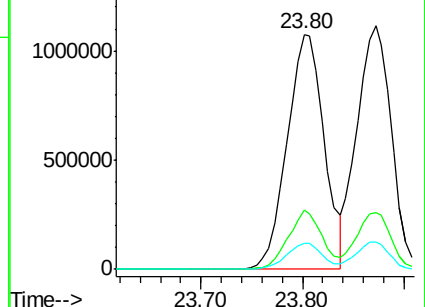
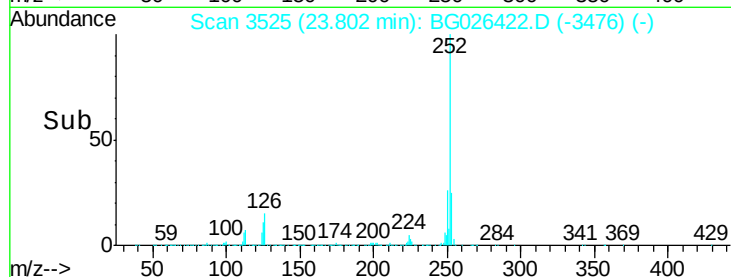
125 11.2 5.3 7.9#



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

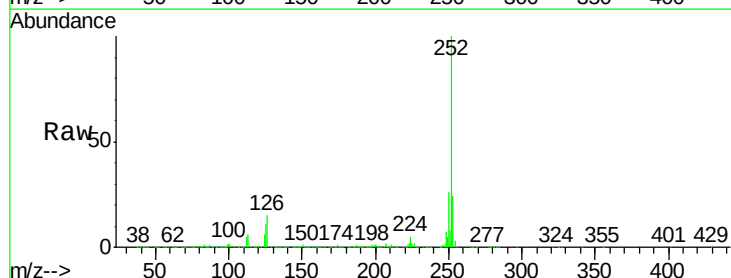
Tgt Ion:252 Resp: 2622717

Ion Ratio Lower Upper

252 100

253 23.5 20.2 30.2

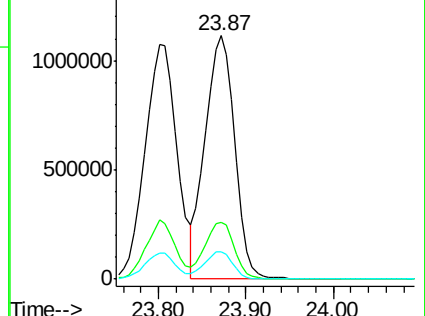
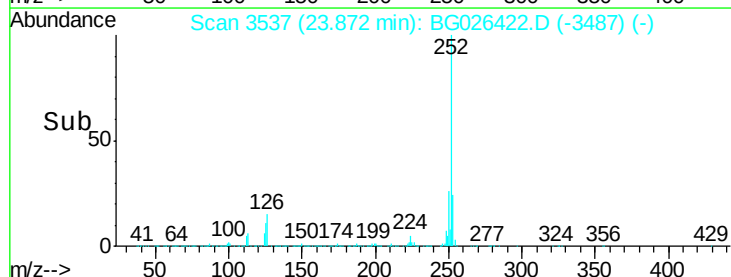
125 11.5 5.1 7.7#

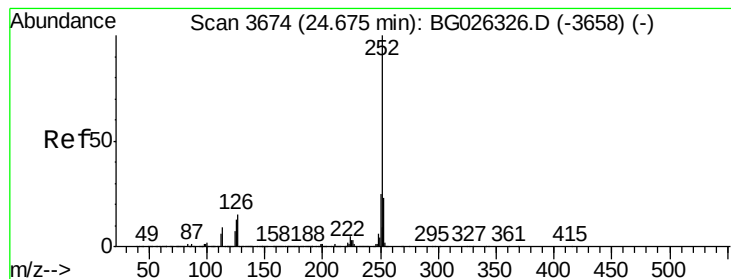


Abundance Ion 252.00 (251.70 to 252.70): E

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

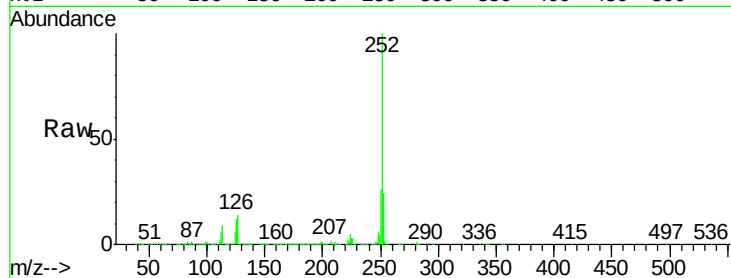
Tot Ion:252 Resp: 2636021

Ion Ratio Lower Upper

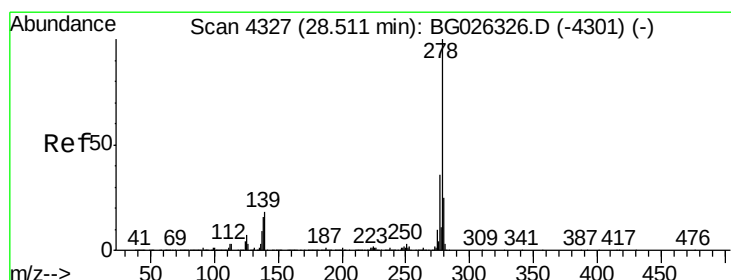
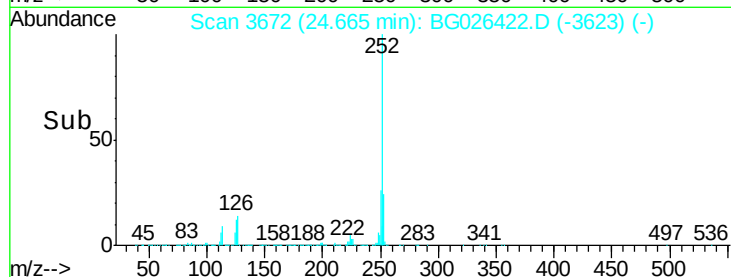
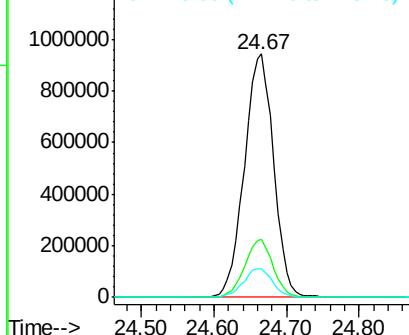
252 100

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

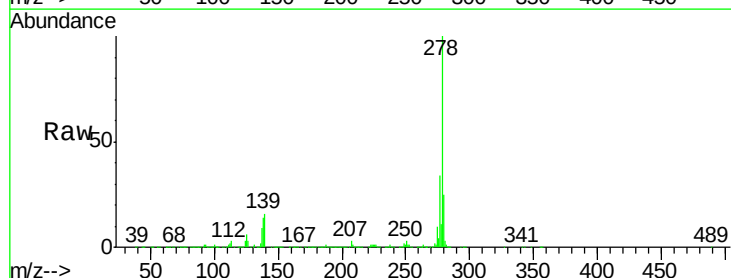
Tgt Ion:278 Resp: 2720812

Ion Ratio Lower Upper

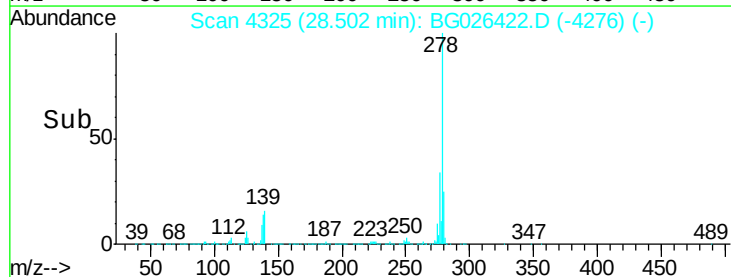
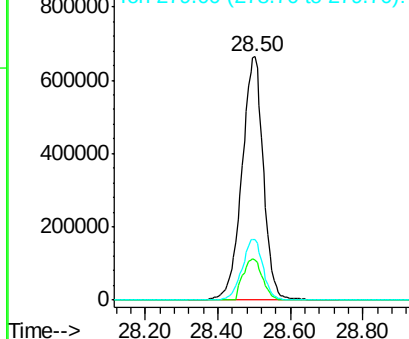
278 100

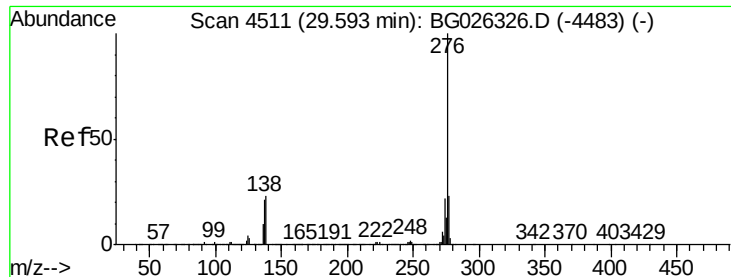
139 16.5 7.7 11.5#

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

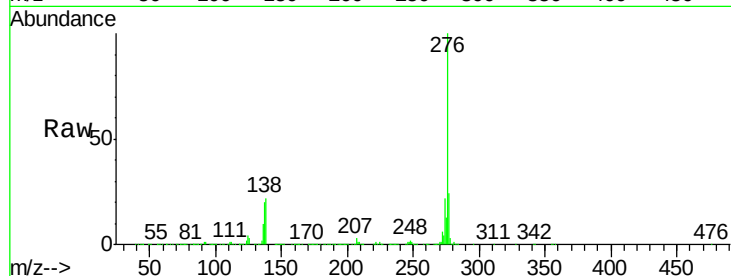
Tot Ion:276 Resp: 2725040

Ion Ratio Lower Upper

276 100

277 24.5 18.6 27.8

138 22.2 8.1 12.1#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

