

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030217\
 Data File : BG026024.D
 Acq On : 2 Mar 2017 11:22
 Operator : SJ/MA
 Sample : PB97270BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB97270BS

Quant Time: Mar 02 14:58:31 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 28 15:36:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	114267	20.00	ng	-0.02
21) Naphthalene-d8	10.88	136	480071	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	279349	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	653127	20.00	ng	0.00
75) Chrysene-d12	21.66	240	656391	20.00	ng	-0.02
86) Perylene-d12	24.85	264	614621	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	1084750	165.28	ng	0.00
7) Phenol-d6	7.23	99	1388868	143.00	ng	0.00
23) Nitrobenzene-d5	9.23	82	755106	99.26	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	502823	194.83	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1924310	120.37	ng	-0.02
78) Terphenyl-d14	20.01	244	2463290	91.27	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	115847	38.62	ng	# 78
3) Pyridine	3.93	79	335148	37.50	ng	# 69
4) n-Nitrosodimethylamine	3.84	42	121564	37.82	ng	# 22
6) Aniline	7.40	93	334159	24.75	ng	# 89
8) 2-Chlorophenol	7.64	128	387039	49.62	ng	# 85
9) Benzaldehyde	7.21	77	95608	16.61	ng	# 73
10) Phenol	7.26	94	488686	46.30	ng	# 71
11) bis(2-Chloroethyl)ether	7.49	93	361527	41.67	ng	# 85
12) 1,3-Dichlorobenzene	7.97	146	411536	45.64	ng	# 88
13) 1,4-Dichlorobenzene	8.11	146	413710	45.29	ng	# 94
14) 1,2-Dichlorobenzene	8.43	146	405202	45.19	ng	# 90
15) Benzyl Alcohol	8.30	79	316924	44.56	ng	# 78
16) 2,2'-oxybis(1-Chloropropan	8.61	45	417093	33.13	ng	# 87
17) 2-Methylphenol	8.51	107	337272	44.36	ng	# 82
18) Hexachloroethane	9.16	117	138811	45.85	ng	# 87
19) n-Nitroso-di-n-propylamine	8.87	70	279352	39.38	ng	# 77
20) 3+4-Methylphenols	8.83	107	462071	42.66	ng	# 86
22) Acetophenone	8.89	105	547846	47.56	ng	# 76
24) Nitrobenzene	9.27	77	380969	46.31	ng	# 79
25) Isophorone	9.79	82	769184	45.95	ng	# 91
26) 2-Nitrophenol	9.98	139	197350	51.30	ng	# 67
27) 2,4-Dimethylphenol	10.04	122	375829	52.35	ng	# 86
28) bis(2-Chloroethoxy)methane	10.27	93	482630	45.49	ng	# 98
29) 2,4-Dichlorophenol	10.52	162	372219	54.32	ng	# 94
30) 1,2,4-Trichlorobenzene	10.73	180	380160	51.01	ng	# 97
31) Naphthalene	10.93	128	1163404	46.87	ng	# 99
32) Benzoic acid	10.16	122	230664	42.08	ng	# 78
33) 4-Chloroaniline	11.02	127	129697	12.03	ng	# 83
34) Hexachlorobutadiene	11.22	225	218076	51.43	ng	# 97
35) Caprolactam	11.79	113	94013	33.97	ng	# 62
36) 4-Chloro-3-methylphenol	12.14	107	387217	47.23	ng	# 80
37) 2-Methylnaphthalene	12.52	142	882816	46.70	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	402651	57.51	ng	# 98
40) Hexachlorocyclopentadiene	12.87	237	423364	110.50	ng	# 93

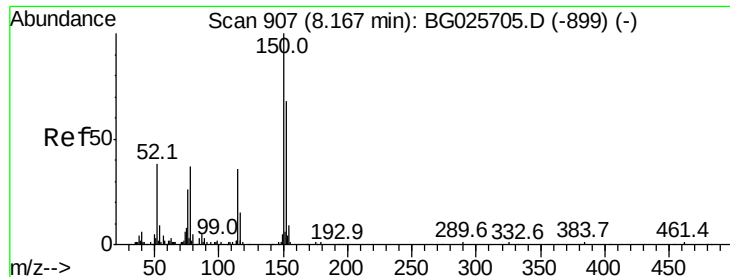
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	290793	64.31	nq	98
43) 2,4,5-Trichlorophenol	13.19	196	297495	57.95	nq	# 93
45) 1,1'-Biphenyl	13.51	154	1128247	55.73	nq	97
46) 2-Chloronaphthalene	13.56	162	824829	56.36	nq	98
47) 2-Nitroaniline	13.75	65	231883	49.96	nq	# 65
48) Acenaphthylene	14.40	152	1370796	52.60	nq	100
49) Dimethylphthalate	14.13	163	1067197	55.68	nq	98
50) 2,6-Dinitrotoluene	14.24	165	234356	54.44	nq	# 68
51) Acenaphthene	14.74	154	981394	57.03	nq	99
52) 3-Nitroaniline	14.57	138	124139	25.78	nq	# 72
53) 2,4-Dinitrophenol	14.78	184	212659	94.40	nq	# 84
54) Dibenzofuran	15.07	168	1303060	56.80	nq	91
55) 4-Nitrophenol	14.87	139	392378	100.12	nq	# 47
56) 2,4-Dinitrotoluene	15.03	165	323489	55.85	nq	# 76
57) Fluorene	15.72	166	1072452	52.31	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	292429	64.57	nq	99
59) Diethylphthalate	15.48	149	1106508	55.82	nq	97
60) 4-Chlorophenyl-phenylether	15.70	204	511793	53.88	nq	94
61) 4-Nitroaniline	15.73	138	255323	51.15	nq	# 54
62) Azobenzene	16.00	77	959823	56.33	nq	84
64) 4,6-Dinitro-2-methylphenol	15.79	198	173877	45.49	nq	87
65) n-Nitrosodiphenylamine	15.92	169	965010	48.72	nq	98
66) 4-Bromophenyl-phenylether	16.60	248	338993	49.52	nq	97
67) Hexachlorobenzene	16.72	284	352745	50.00	nq	95
68) Atrazine	16.86	200	364823	52.04	nq	97
69) Pentachlorophenol	17.06	266	452923	104.07	nq	98
70) Phenanthrene	17.45	178	1690101	47.67	nq	96
71) Anthracene	17.54	178	1752530	48.48	nq	99
72) Carbazole	17.80	167	1604866	44.20	nq	96
73) Di-n-butylphthalate	18.36	149	1982867	55.63	nq	# 94
74) Fluoranthene	19.45	202	1944878	49.82	nq	95
76) Benzidine	19.62	184	576222	27.81	nq	97
77) Pyrene	19.81	202	1954516	47.08	nq	99
79) Butylbenzylphthalate	20.69	149	912117	57.90	nq	88
80) Benzo(a)anthracene	21.64	228	1791828	46.75	nq	97
81) 3,3'-Dichlorobenzidine	21.54	252	351541	25.73	nq	# 96
82) Chrysene	21.70	228	1660792	45.07	nq	98
83) Bis(2-ethylhexyl)phthalate	21.54	149	1356390	59.63	nq	99
84) Di-n-octyl phthalate	22.74	149	2286752	60.87	nq	# 84
85) Indeno(1,2,3-cd)pyrene	28.51	276	1825404	42.05	nq	# 88
87) Benzo(b)fluoranthene	23.84	252	1782498	48.42	nq	# 96
88) Benzo(k)fluoranthene	23.91	252	1724785	48.02	nq	# 92
89) Benzo(a)pyrene	24.71	252	1659542	47.61	nq	# 94
90) Dibenzo(a,h)anthracene	28.57	278	1474771	42.12	nq	# 94
91) Benzo(g,h,i)perylene	29.65	276	1544540	43.99	nq	# 88

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 806

Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

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PB97270BS

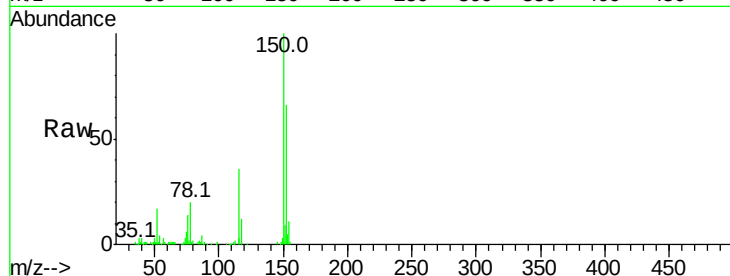
Tot Ion:152 Resp: 114267

Ion Ratio Lower Upper

152 100

150 151.4 114.0 171.0

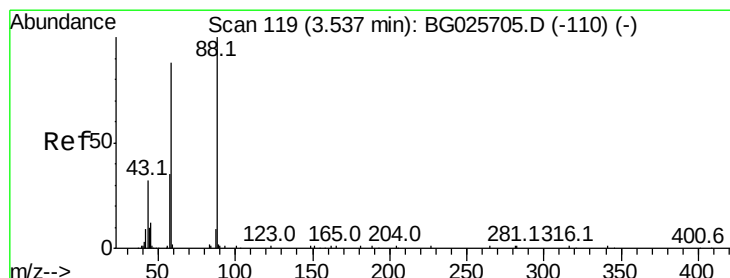
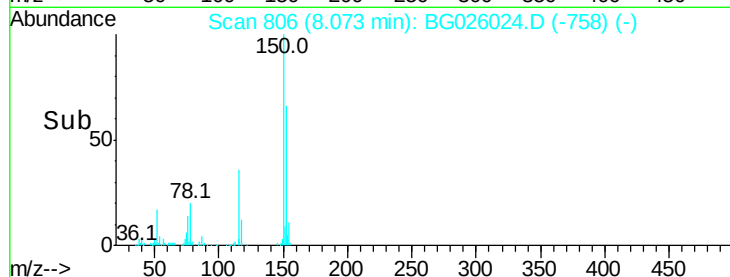
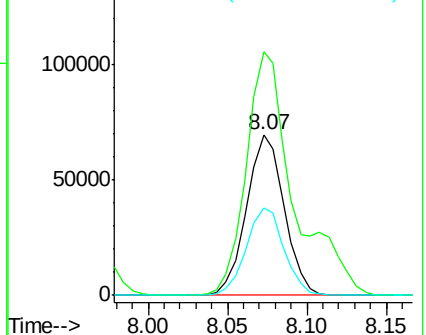
115 54.2 48.1 72.1



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: 38.62 ng

RT: 3.54 min Scan# 34

Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

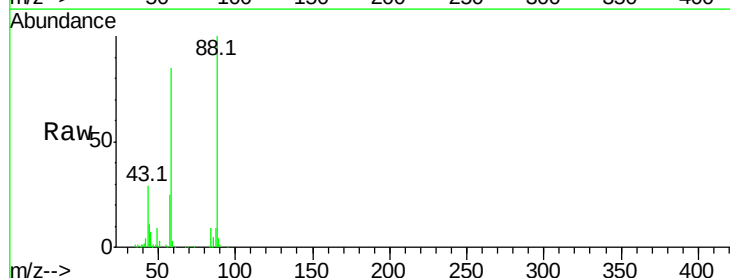
Tgt Ion: 88 Resp: 115847

Ion Ratio Lower Upper

88 100

58 82.4 79.4 119.2

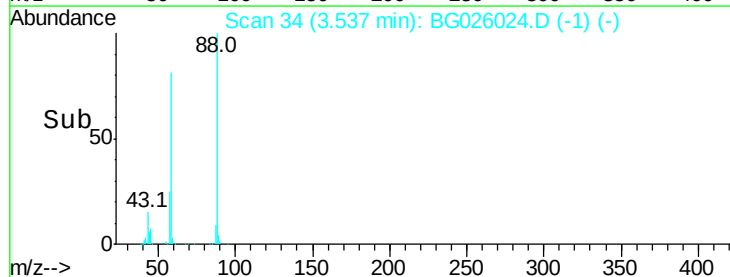
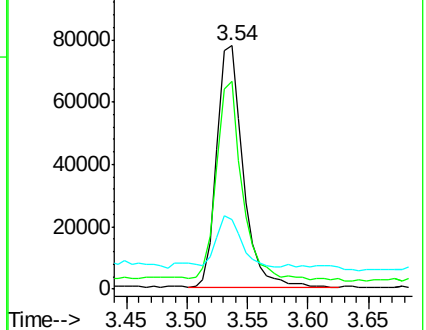
43 19.8 33.8 50.6#

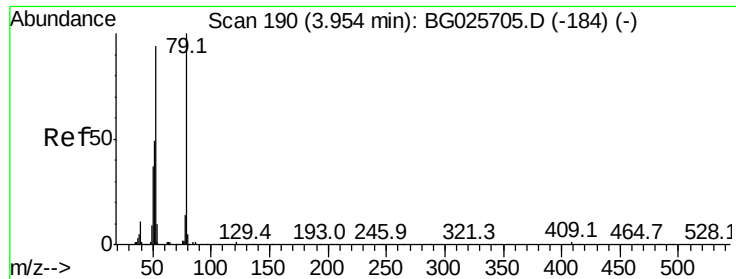


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.50 ng

RT: 3.93 min Scan# 101

Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Instrument :

BNA_G

ClientSampleId :

PB97270BS

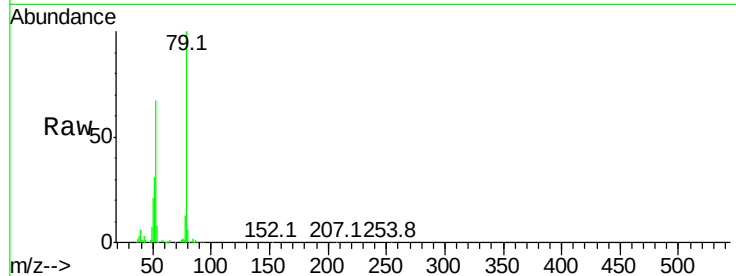
Tot Ion: 79 Resp: 335148

Ion Ratio Lower Upper

79 100

52 67.2 77.8 116.6#

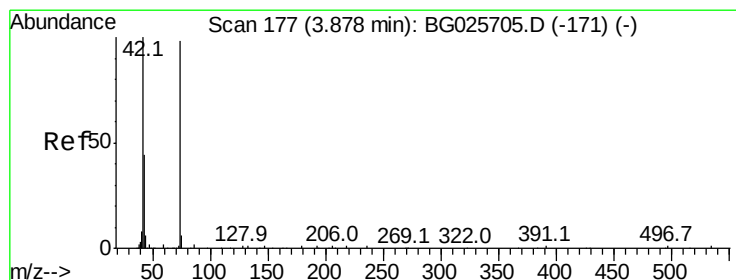
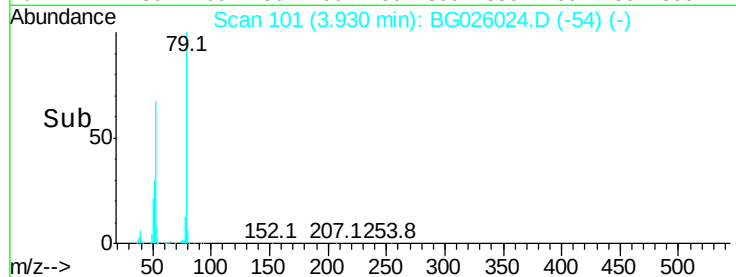
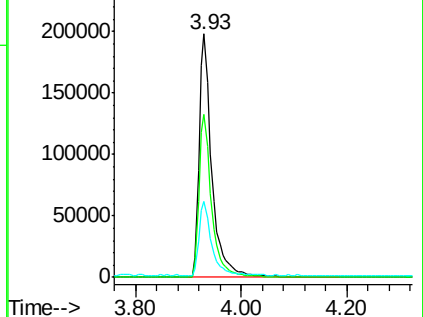
51 31.4 43.2 64.8#



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: 37.82 ng

RT: 3.84 min Scan# 86

Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

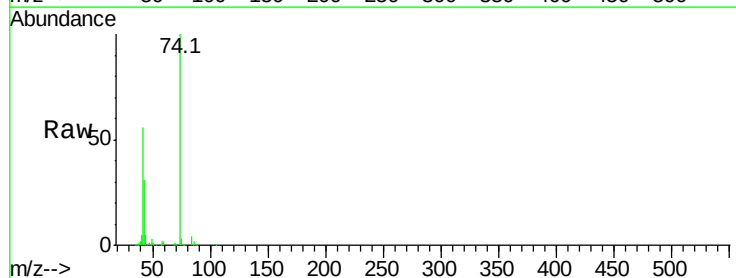
Tgt Ion: 42 Resp: 121564

Ion Ratio Lower Upper

42 100

74 177.5 76.7 115.1#

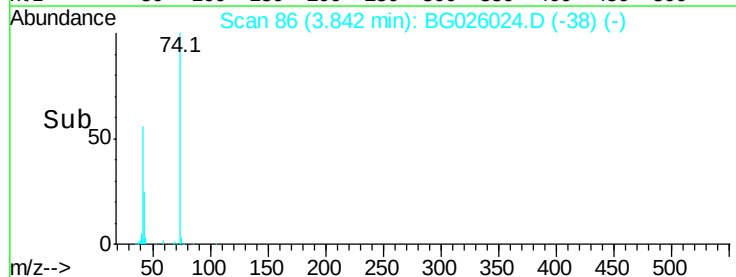
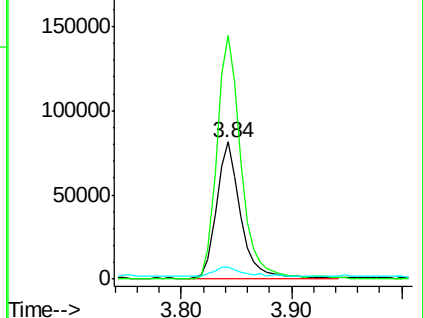
44 8.7 6.1 9.1

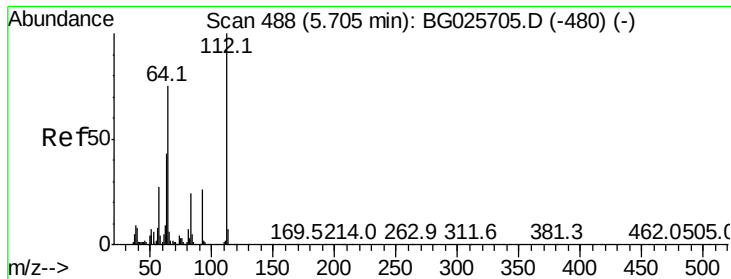


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 165.28 ng

RT: 5.65 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Instrument :

BNA_G

ClientSampleId :

PB97270BS

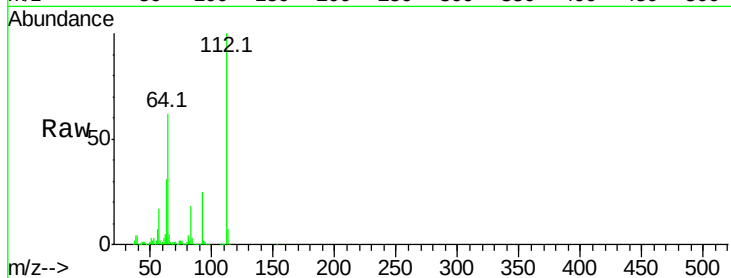
Tot Ion:112 Resp: 1084750

Ion Ratio Lower Upper

112 100

64 62.2 61.8 92.6

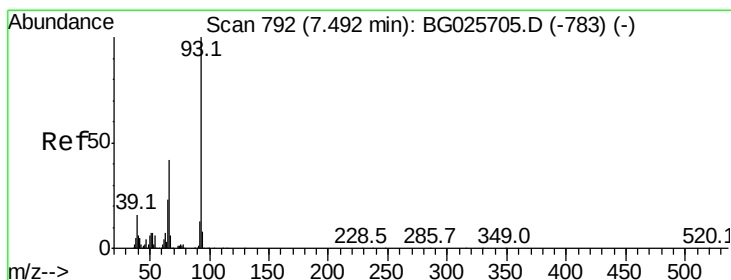
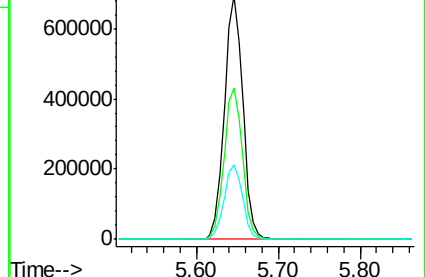
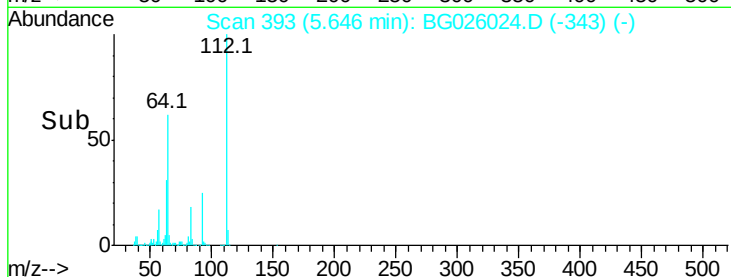
63 30.6 37.2 55.8#



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: 24.75 ng

RT: 7.40 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

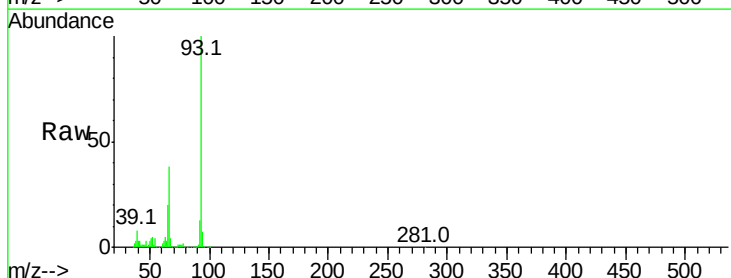
Tgt Ion: 93 Resp: 334159

Ion Ratio Lower Upper

93 100

66 37.6 35.4 53.2

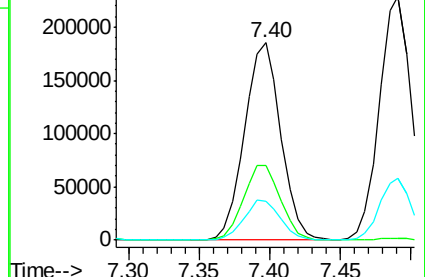
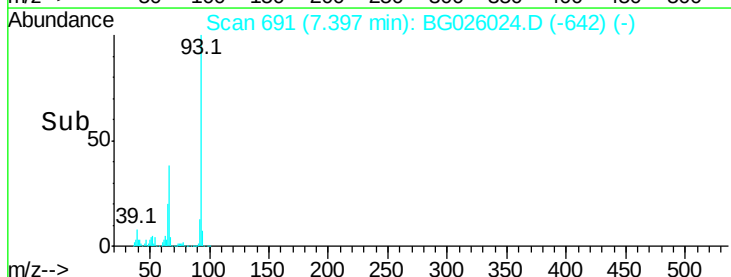
65 19.9 21.2 31.8#

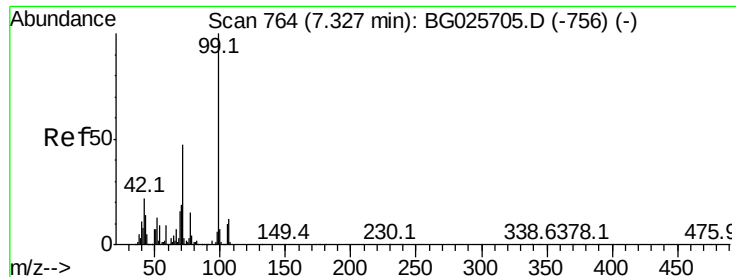


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 143.00 ng

RT: 7.23 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

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ClientSampleId :

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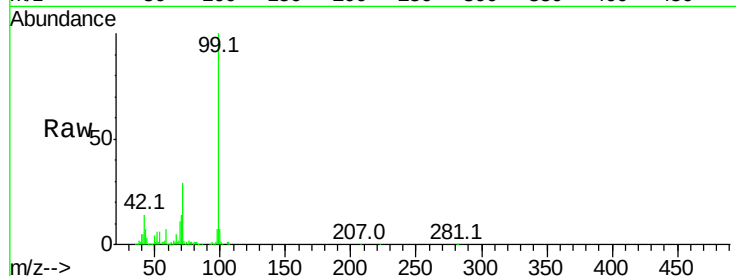
Tot Ion: 99 Resp: 1388868

Ion Ratio Lower Upper

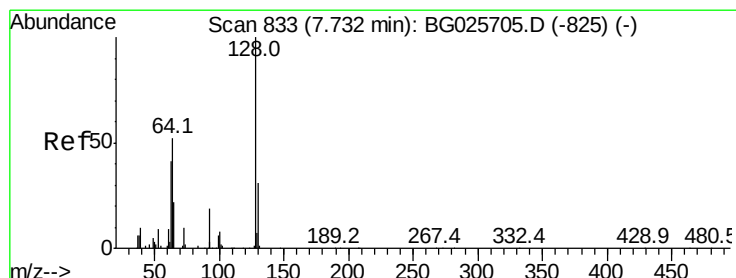
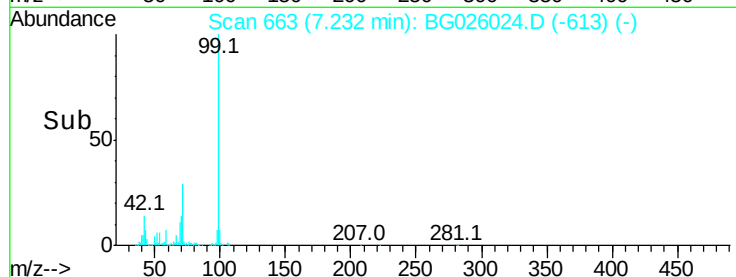
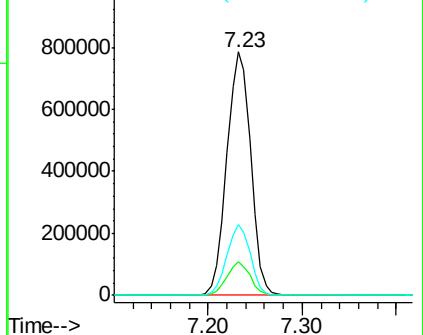
99 100

42 13.8 20.5 30.7#

71 28.8 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: 49.62 ng

RT: 7.64 min Scan# 732

Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

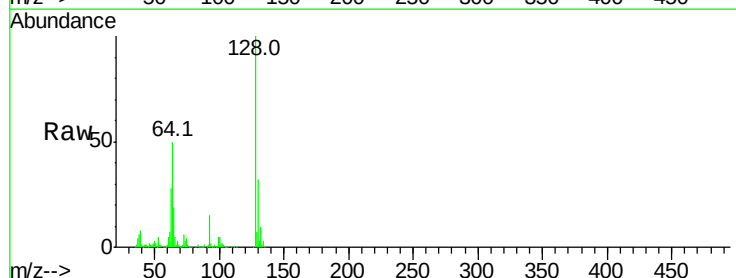
Tgt Ion: 128 Resp: 387039

Ion Ratio Lower Upper

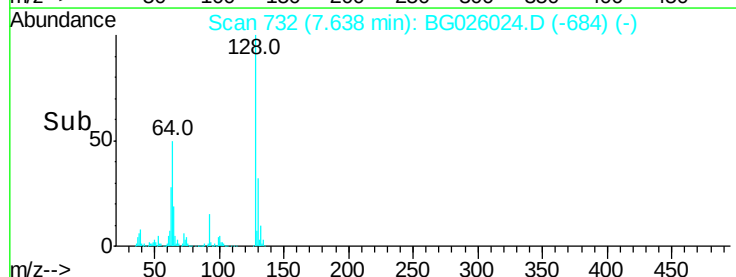
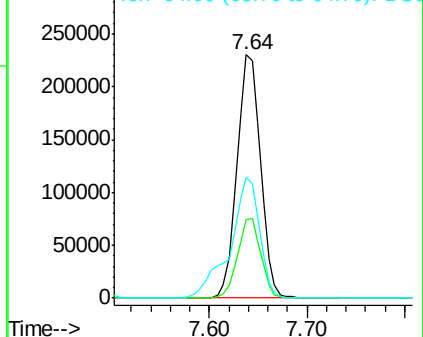
128 100

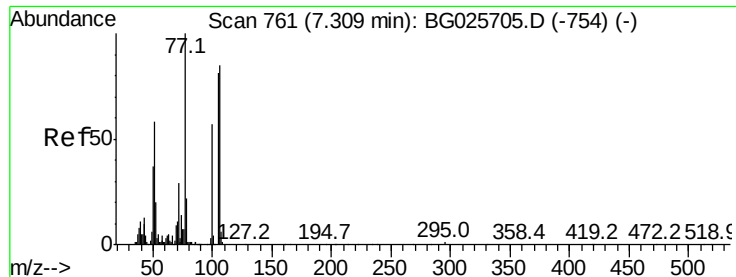
130 32.2 11.4 51.4

64 49.8 46.6 86.6



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





#9

Benzaldehyde

Concen: 16.61 ng

RT: 7.21 min Scan# 659

Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

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ClientSampleId :

PB97270BS

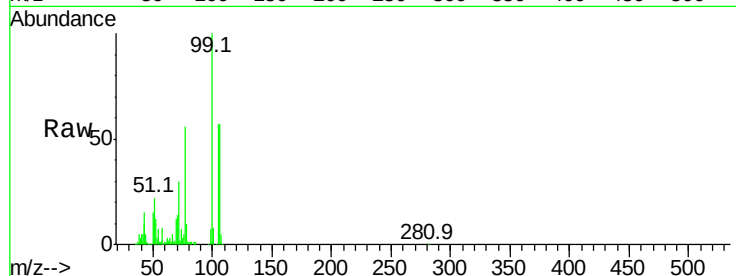
Tot Ion: 77 Resp: 95608

Ion Ratio Lower Upper

77 100

105 101.7 60.9 100.9#

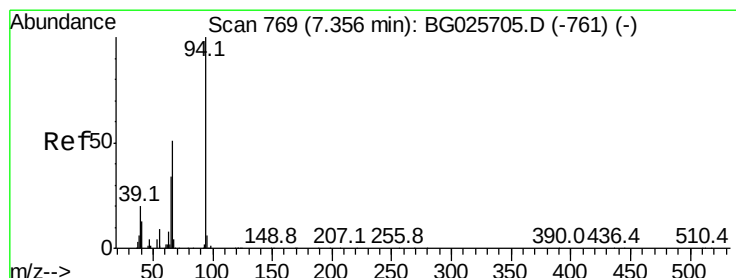
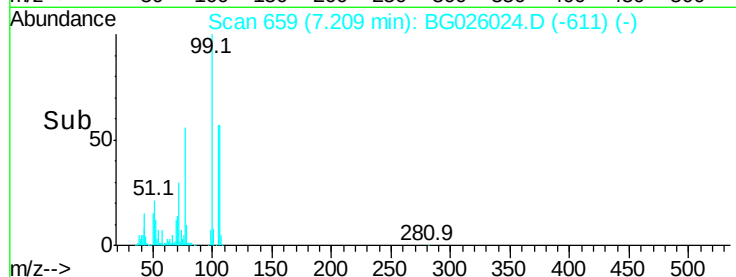
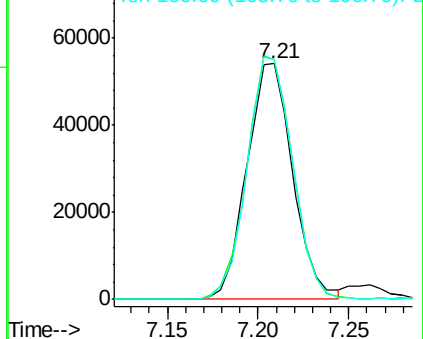
106 101.6 55.1 95.1#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 46.30 ng

RT: 7.26 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

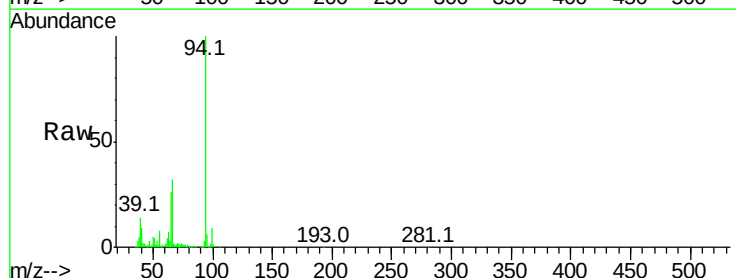
Tgt Ion: 94 Resp: 488686

Ion Ratio Lower Upper

94 100

65 26.3 20.6 60.6

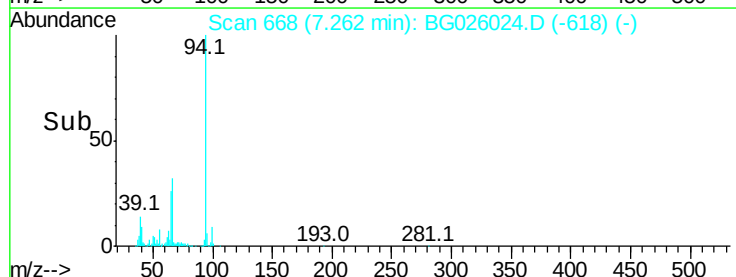
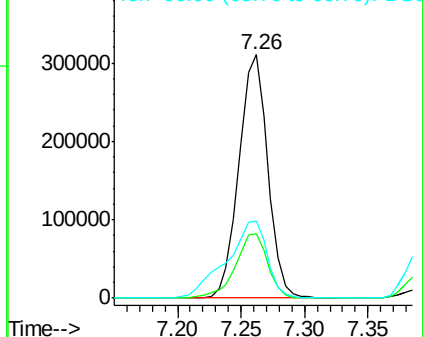
66 31.7 35.5 75.5#

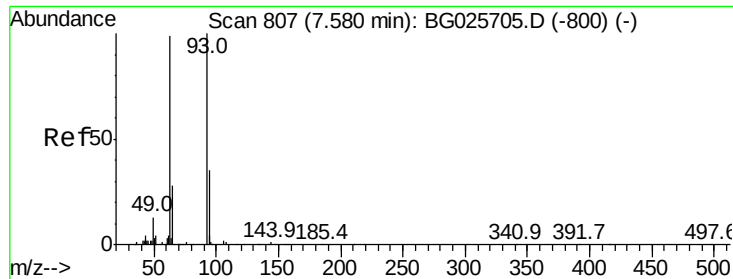


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

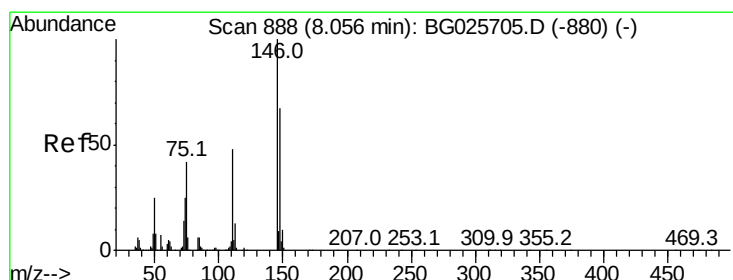
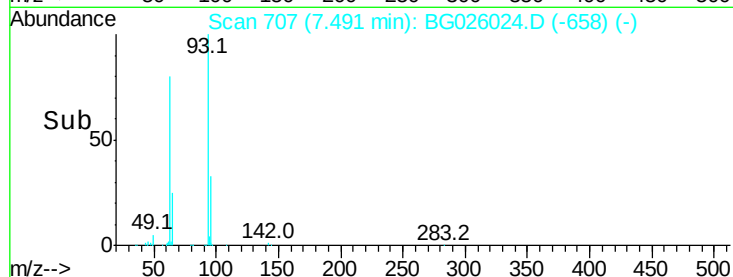
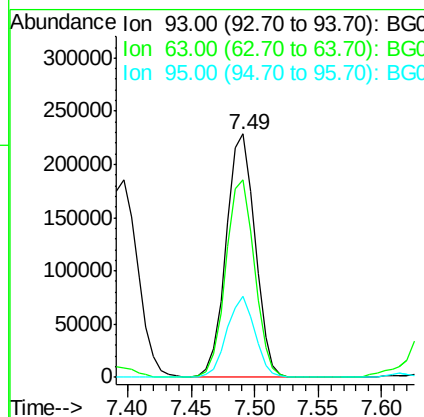
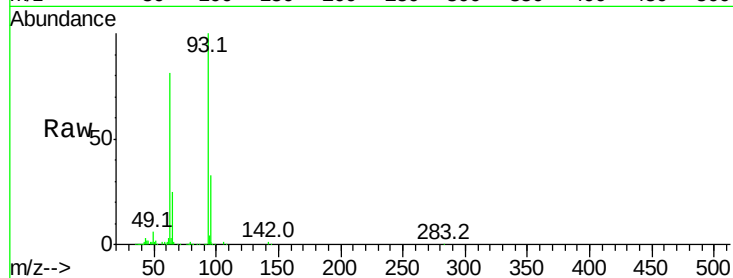




#11
bis(2-Chloroethyl)ether
Concen: 41.67 ng
RT: 7.49 min Scan# 707
Delta R.T. -0.01 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

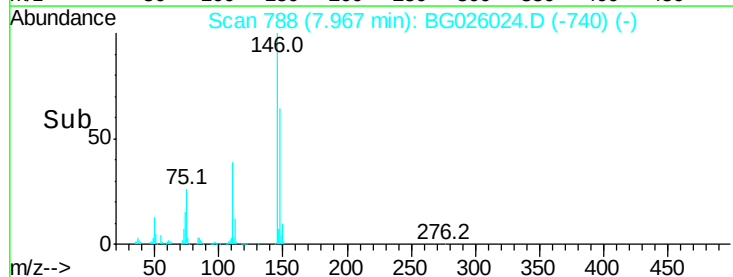
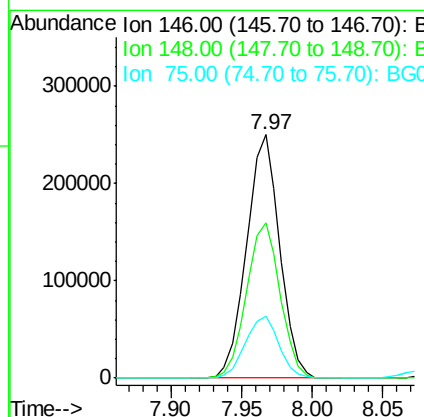
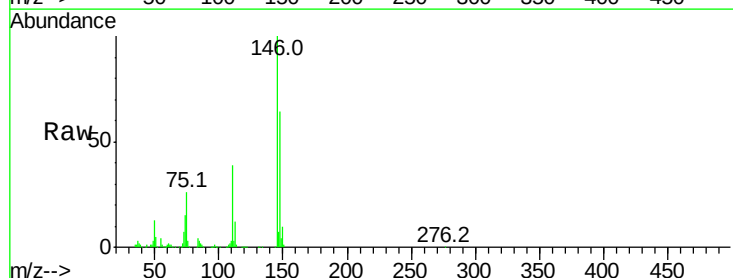
Instrument :
BNA_G
ClientSampleId :
PB97270BS

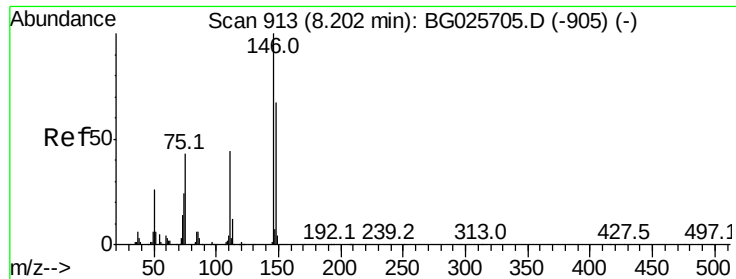
Tot Ion	Ratio	Lower	Upper
93	100		
63	81.2	78.5	118.5
95	33.2	9.8	49.8



#12
1,3-Dichlorobenzene
Concen: 45.64 ng
RT: 7.97 min Scan# 788
Delta R.T. -0.02 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	49.2	73.8
75	25.6	33.4	50.2





#13

1,4-Dichlorobenzene

Concen: 45.29 ng

RT: 8.11 min Scan# 812

Delta R.T. -0.02 min

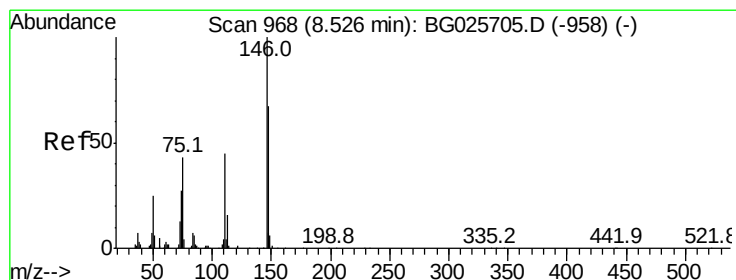
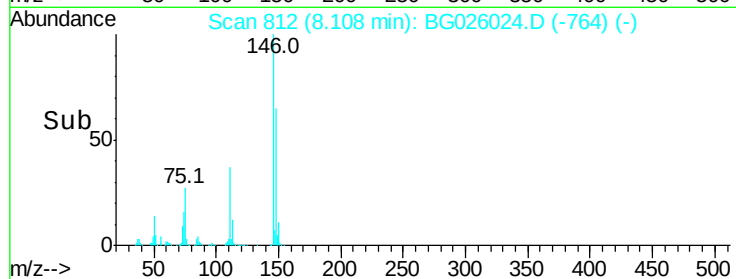
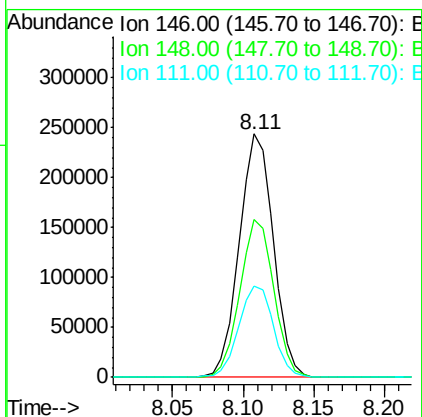
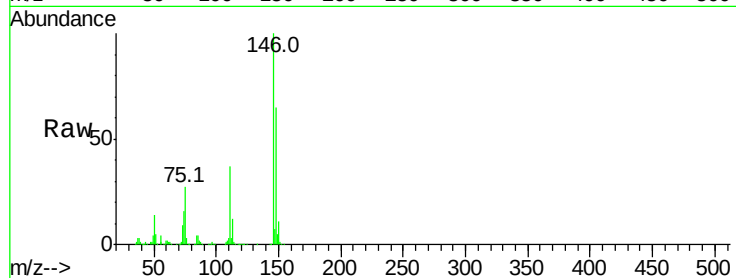
Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Instrument :
BNA_G
ClientSampleId :
PB97270BS

Tot Ion:146 Resp: 413710

Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.2	78.2
111	37.5	37.0	55.6



#14

1,2-Dichlorobenzene

Concen: 45.19 ng

RT: 8.43 min Scan# 867

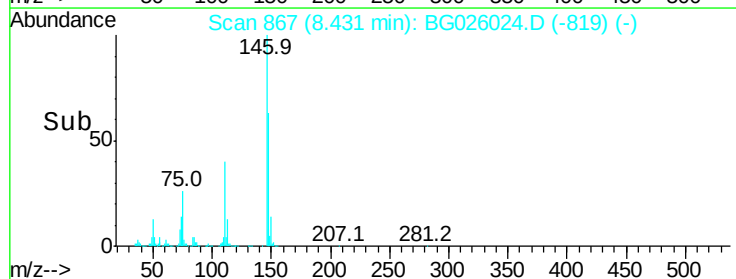
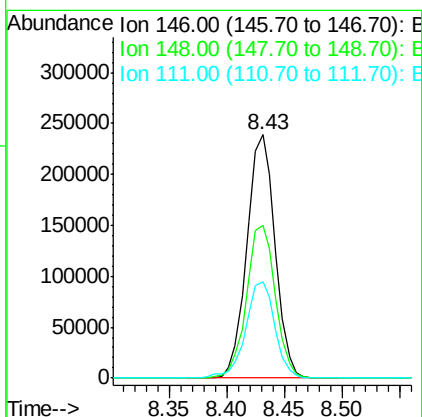
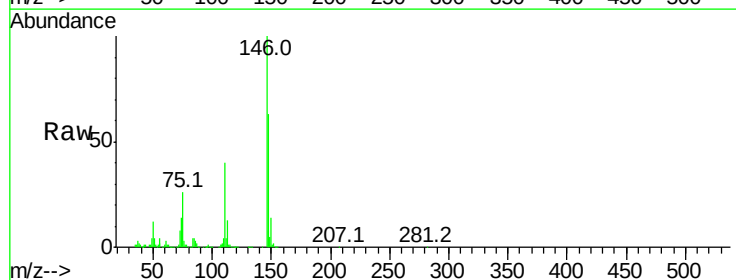
Delta R.T. -0.02 min

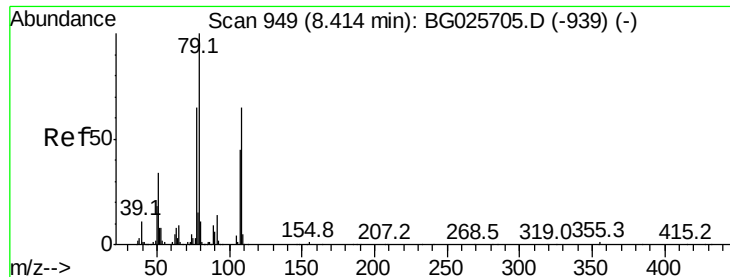
Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Tgt Ion:146 Resp: 405202

Ion	Ratio	Lower	Upper
146	100		
148	62.8	54.6	81.8
111	39.8	39.7	59.5





#15

Benzyl Alcohol

Concen: 44.56 ng

RT: 8.30 min Scan# 845

Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Instrument :

BNA_G

ClientSampleID :

PB97270BS

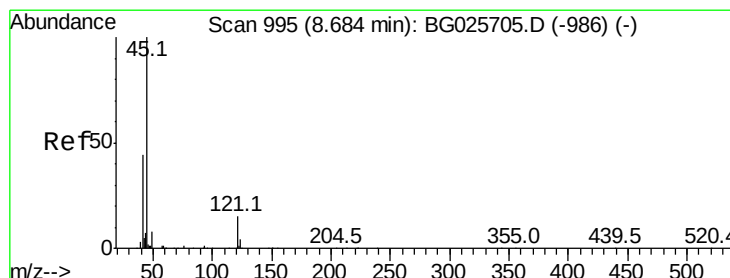
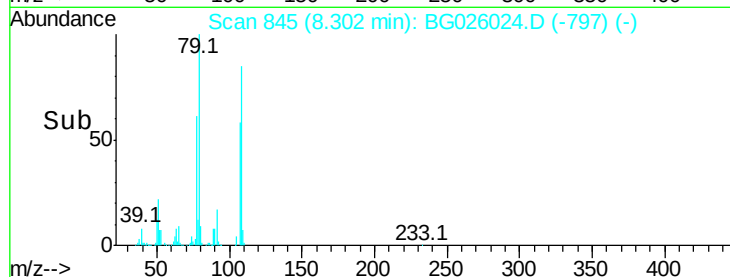
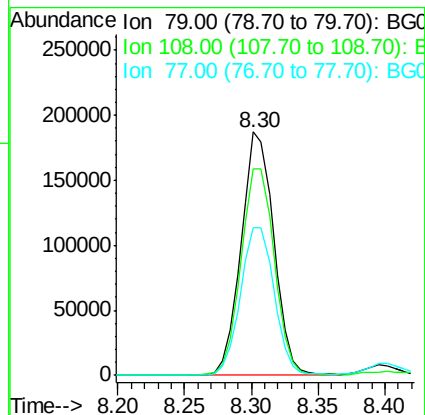
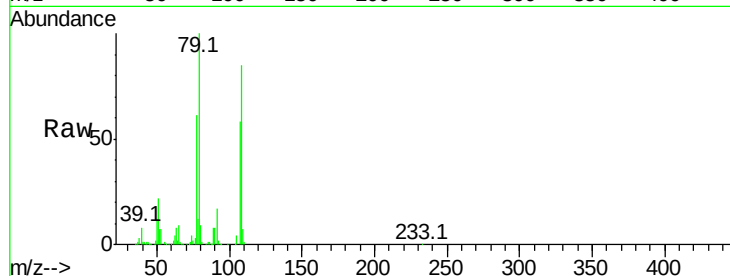
Tot Ion: 79 Resp: 316924

Ion Ratio Lower Upper

79 100

108 84.7 45.5 68.3#

77 60.5 54.3 81.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.13 ng

RT: 8.61 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

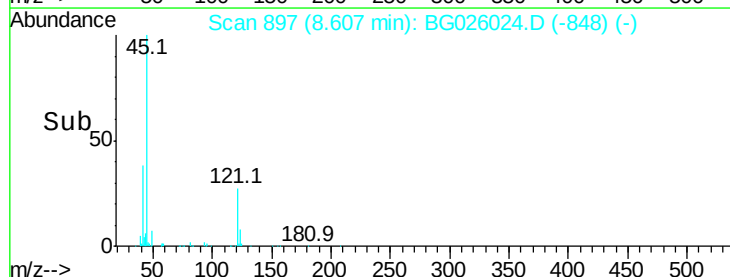
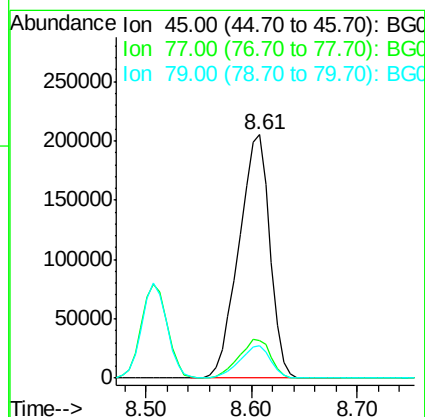
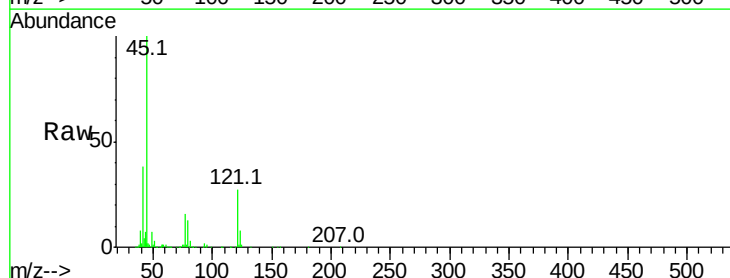
Tgt Ion: 45 Resp: 417093

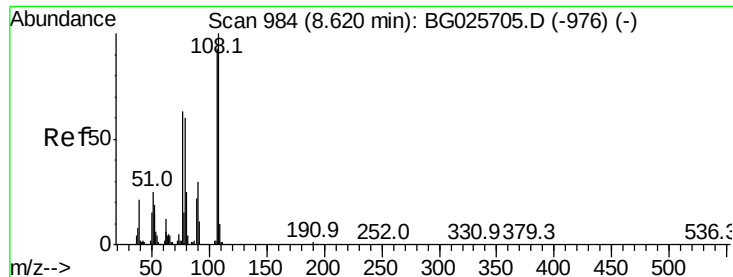
Ion Ratio Lower Upper

45 100

77 15.6 0.0 30.6

79 13.1 0.0 28.5





#17

2-Methylphenol

Concen: 44.36 ng

RT: 8.51 min Scan# 880

Delta R.T. -0.01 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Instrument :

BNA_G

ClientSampleId :

PB97270BS

Tot Ion:107 Resp: 337272

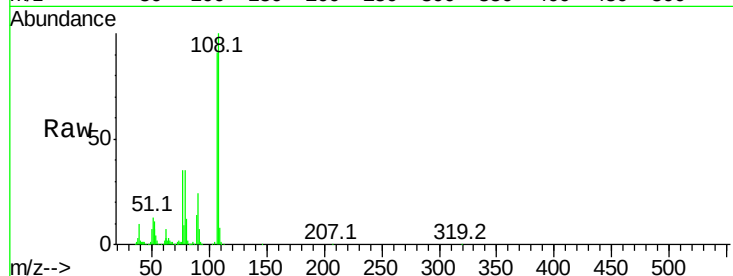
Ion Ratio Lower Upper

107 100

108 110.0 85.6 128.4

77 38.2 51.4 77.2#

79 38.9 49.2 73.8#

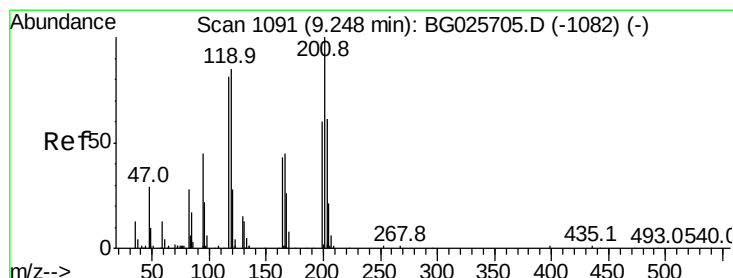
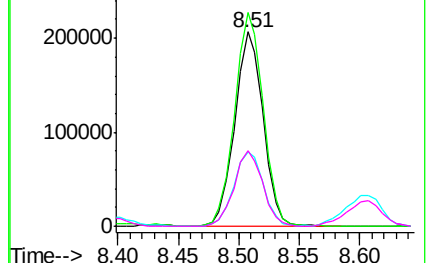
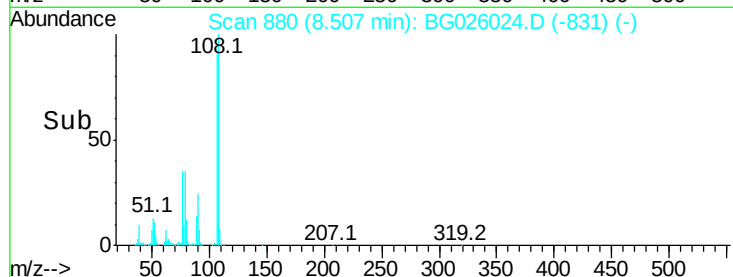


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 45.85 ng

RT: 9.16 min Scan# 991

Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

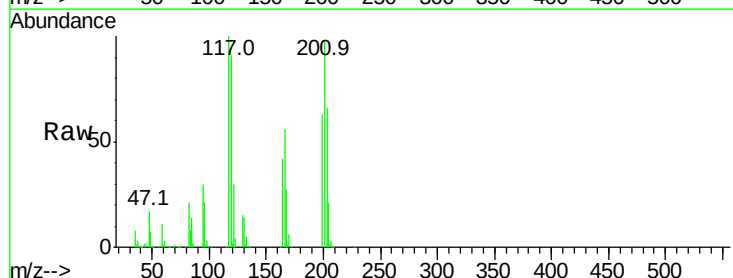
Tgt Ion:117 Resp: 138811

Ion Ratio Lower Upper

117 100

119 90.5 69.8 104.6

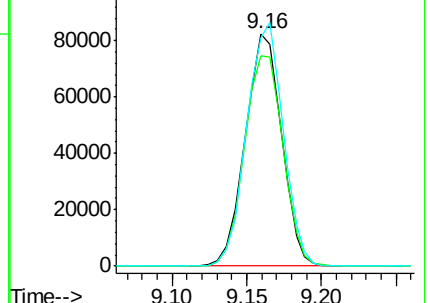
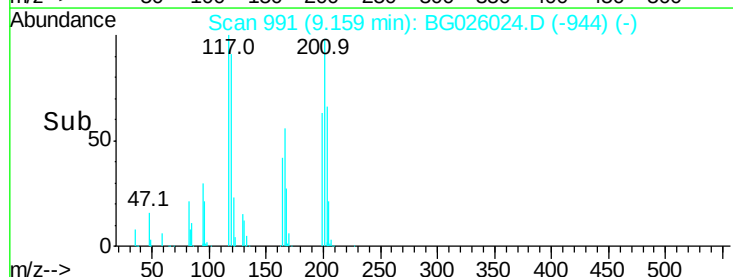
201 98.0 95.4 143.0

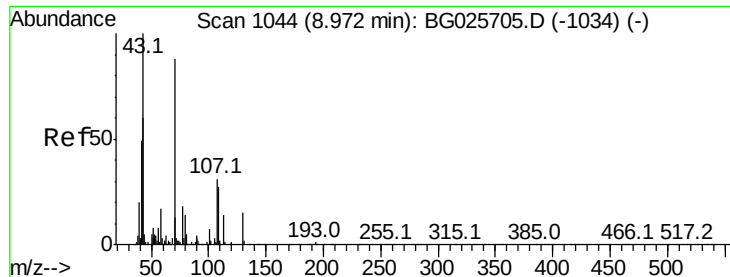


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

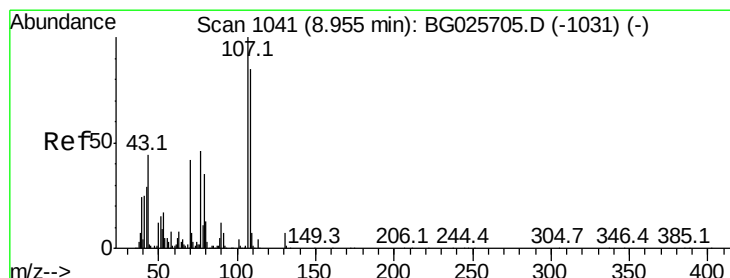
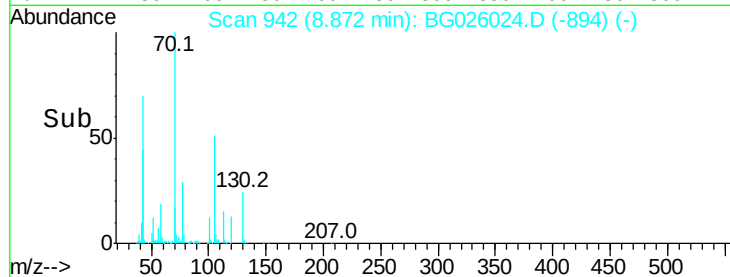
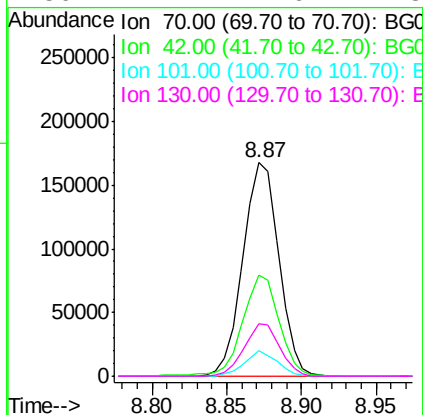
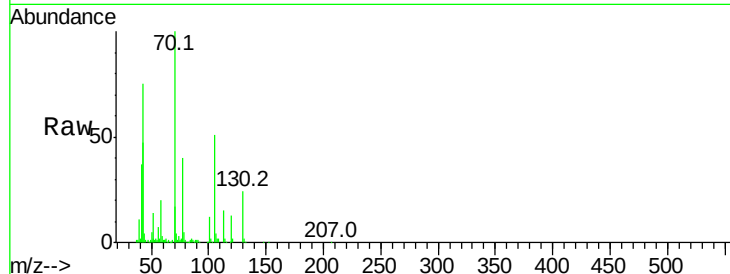




#19
n-Nitroso-di-n-propylamine
Concen: 39.38 ng
RT: 8.87 min Scan# 942
Delta R.T. -0.02 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

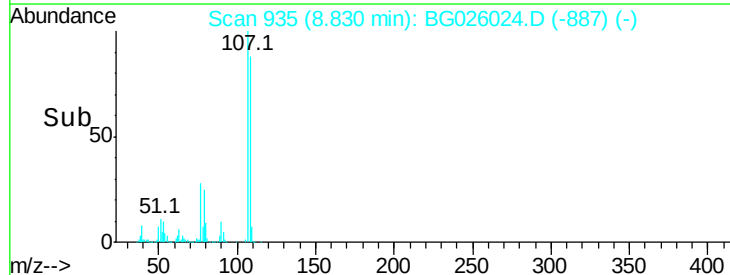
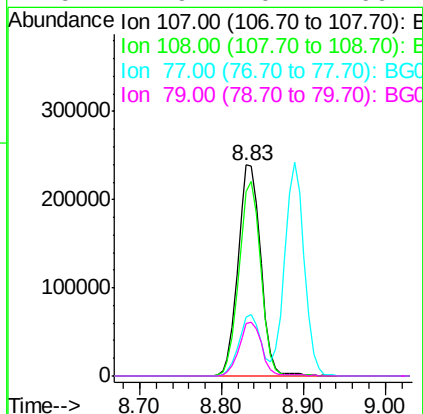
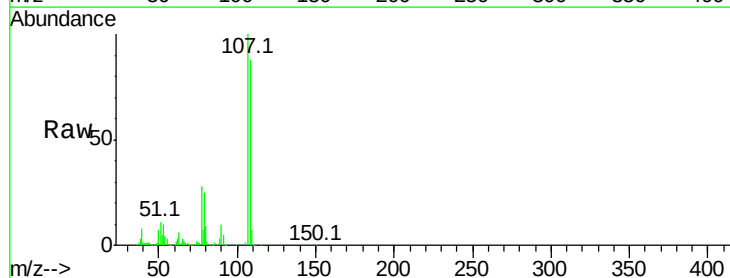
Instrument :
BNA_G
ClientSampleId :
PB97270BS

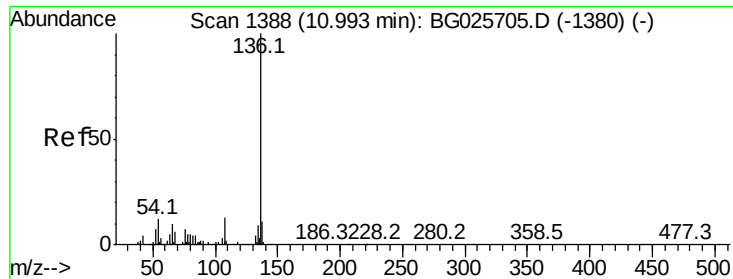
Tot Ion:	70	Resp:	279352
Ion	Ratio	Lower	Upper
70	100		
42	47.3	56.1	84.1#
101	12.0	7.5	11.3#
130	24.4	14.6	21.8#



#20
3+4-Methylphenols
Concen: 42.66 ng
RT: 8.83 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Tgt Ion:	107	Resp:	462071
Ion	Ratio	Lower	Upper
107	100		
108	87.6	70.8	110.8
77	28.2	25.8	65.8
79	24.9	20.1	60.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.88 min Scan# 1283

Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

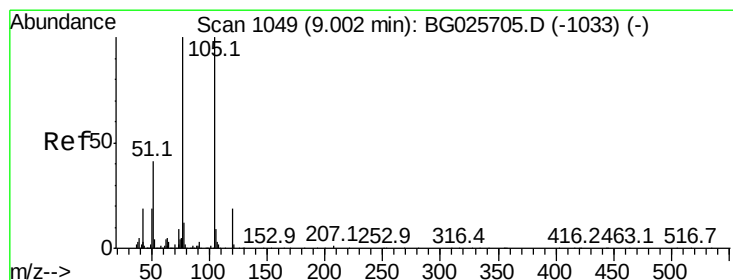
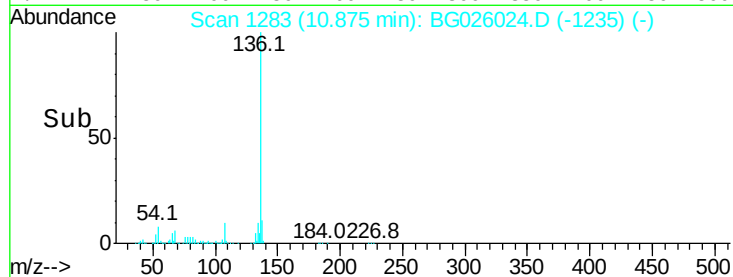
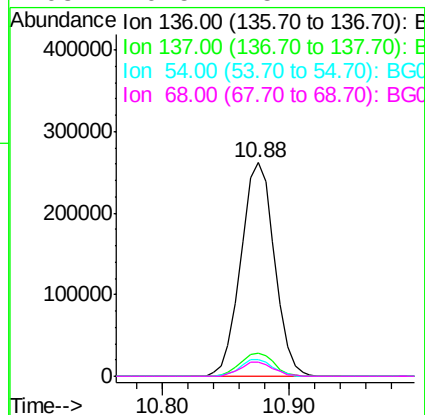
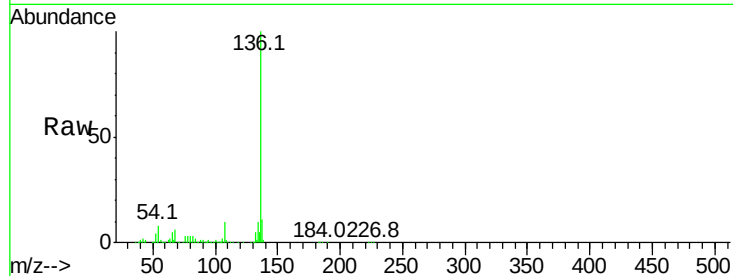
Instrument :

BNA_G

ClientSampleId :

PB97270BS

Tot Ion:	136	Resp:	480071
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.7	9.3	13.9#
68	6.5	5.1	7.7



#22

Acetophenone

Concen: 47.56 ng

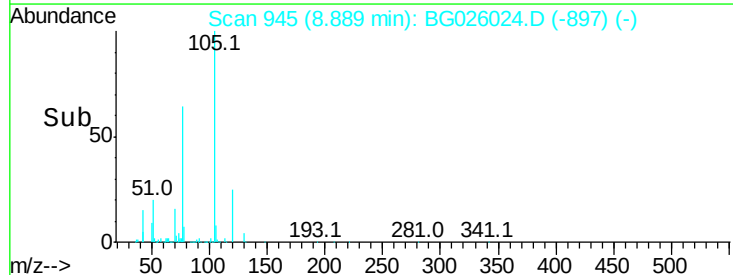
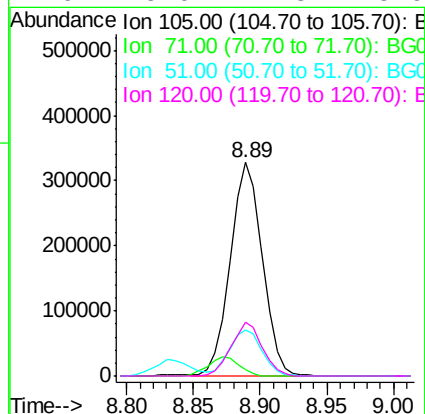
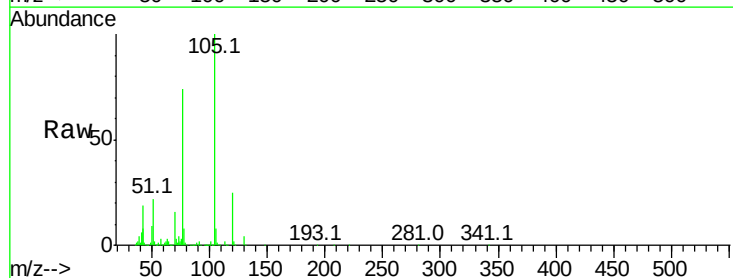
RT: 8.89 min Scan# 945

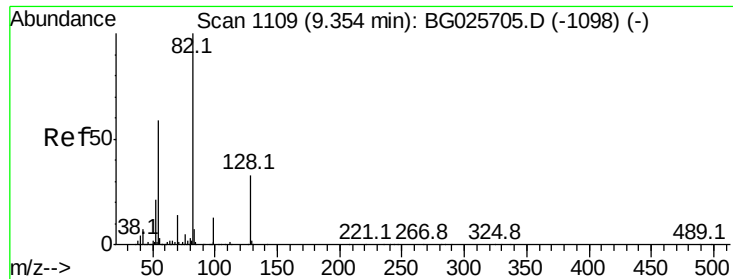
Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Tgt Ion:	105	Resp:	547846
Ion	Ratio	Lower	Upper
105	100		
71	2.8	0.9	1.3#
51	21.8	34.0	51.0#
120	25.0	17.3	25.9

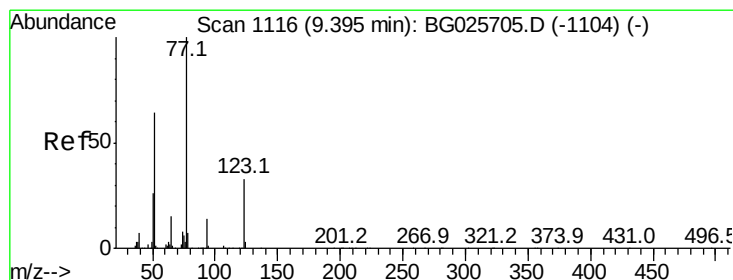
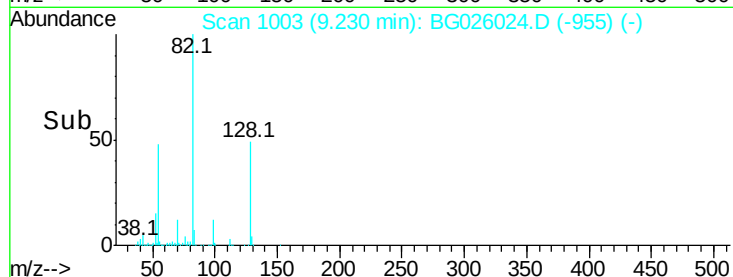
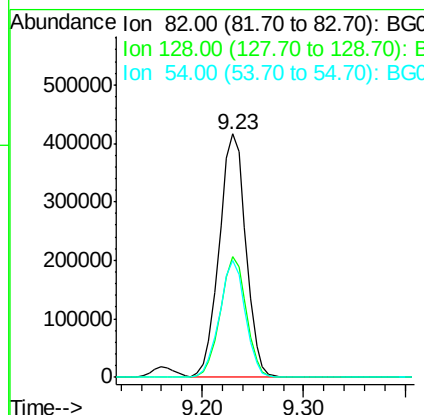
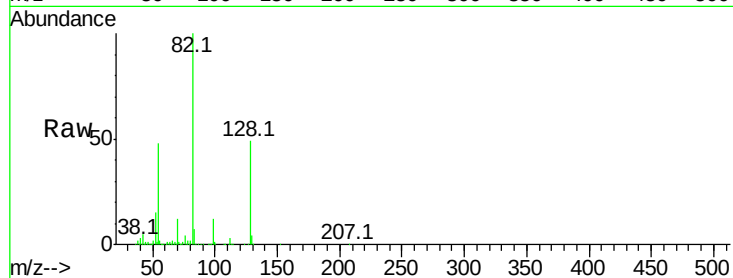




#23
 Nitrobenzene-d5
 Concen: 99.26 ng
 RT: 9.23 min Scan# 1003
 Delta R.T. -0.02 min
 Lab File: BG026024.D
 Acq: 2 Mar 2017 11:22

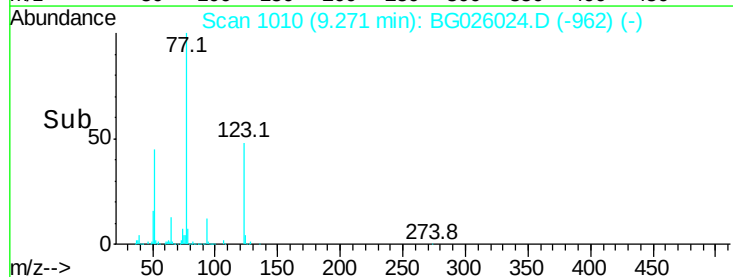
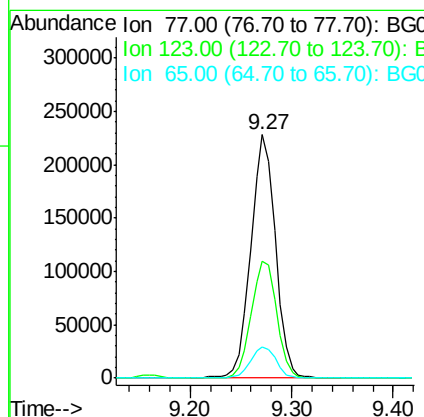
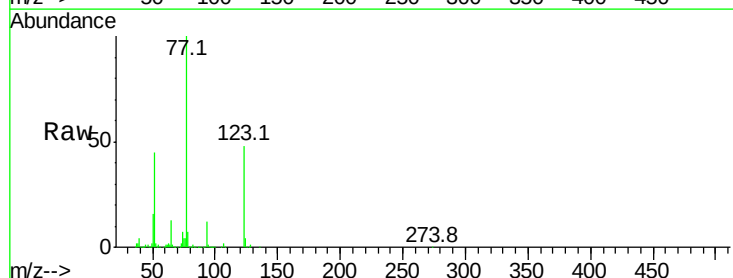
Instrument :
 BNA_G
 ClientSampled :
 PB97270BS

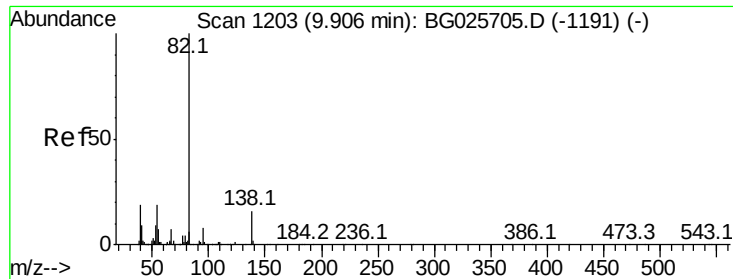
Tot Ion: 82 Resp: 755106
 Ion Ratio Lower Upper
 82 100
 128 49.4 26.4 39.6#
 54 47.8 49.4 74.2#



#24
 Nitrobenzene
 Concen: 46.31 ng
 RT: 9.27 min Scan# 1010
 Delta R.T. -0.02 min
 Lab File: BG026024.D
 Acq: 2 Mar 2017 11:22

Tgt Ion: 77 Resp: 380969
 Ion Ratio Lower Upper
 77 100
 123 48.3 26.1 39.1#
 65 12.8 12.4 18.6





#25

Isophorone

Concen: 45.95 ng

RT: 9.79 min Scan# 1099

Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Instrument :

BNA_G

ClientSampleId :

PB97270BS

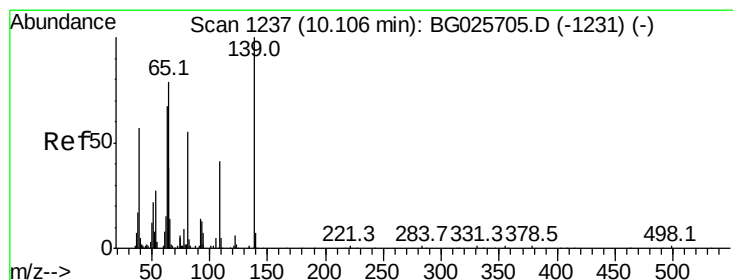
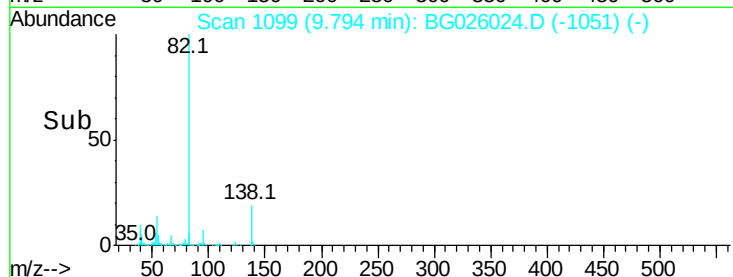
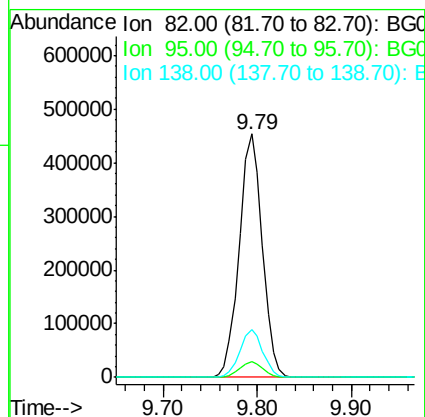
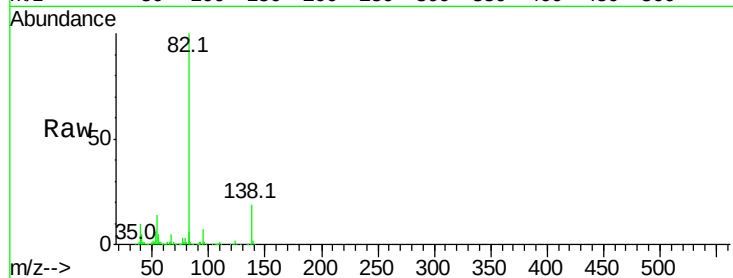
Tot Ion: 82 Resp: 769184

Ion Ratio Lower Upper

82 100

95 6.7 7.5 11.3#

138 19.4 12.3 18.5#



#26

2-Nitrophenol

Concen: 51.30 ng

RT: 9.98 min Scan# 1131

Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

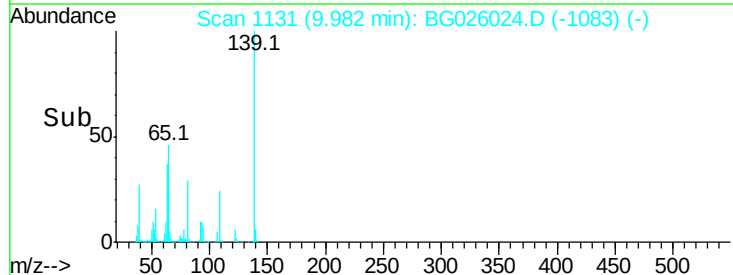
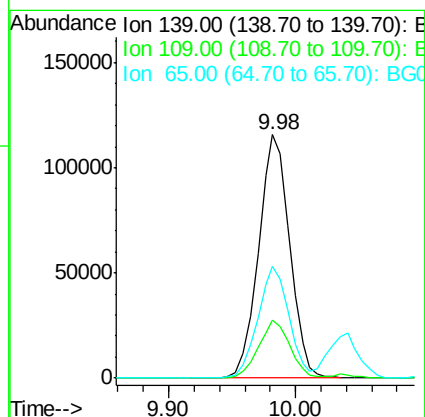
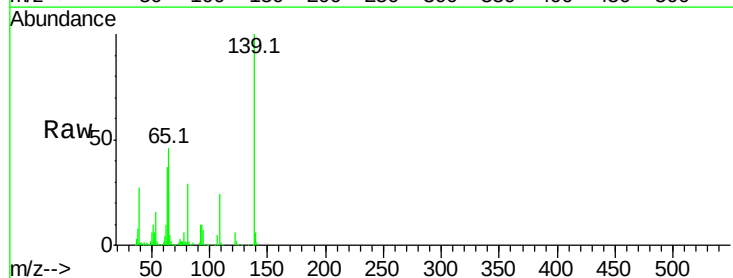
Tgt Ion: 139 Resp: 197350

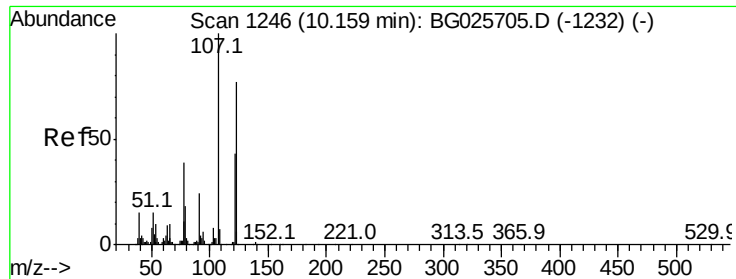
Ion Ratio Lower Upper

139 100

109 23.7 38.6 58.0#

65 46.0 57.1 85.7#

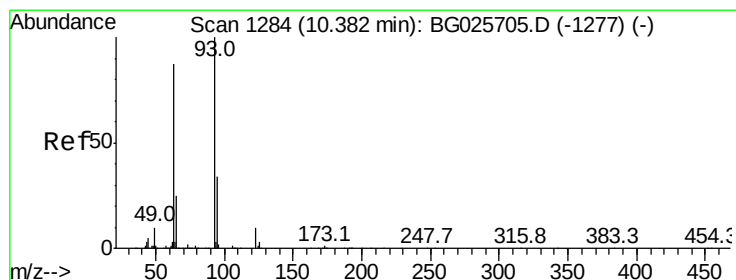
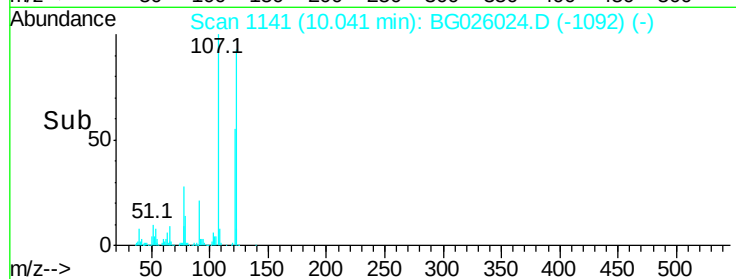
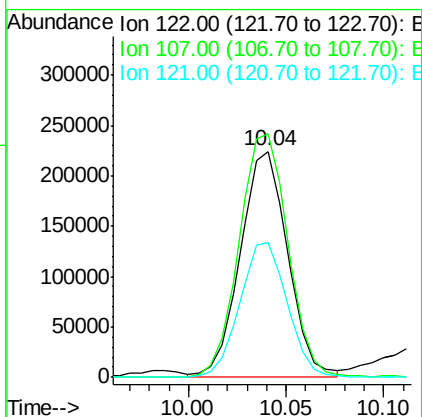
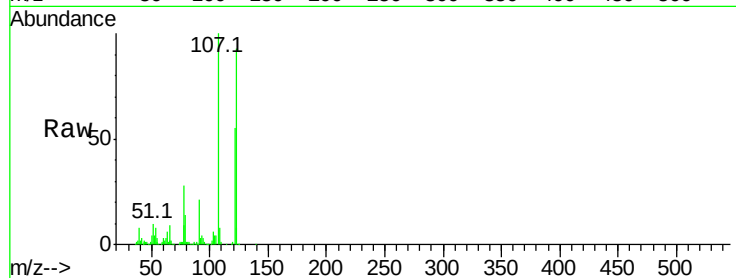




#27
2,4-Dimethylphenol
Concen: 52.35 ng
RT: 10.04 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

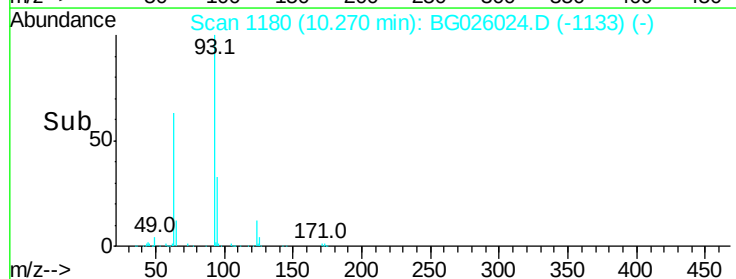
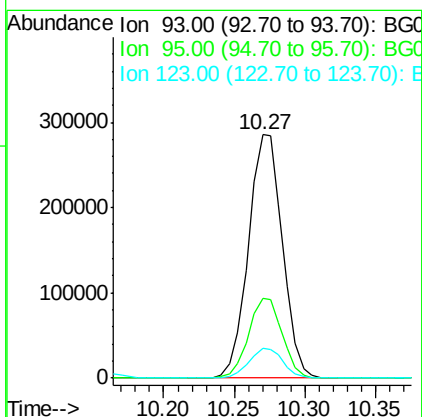
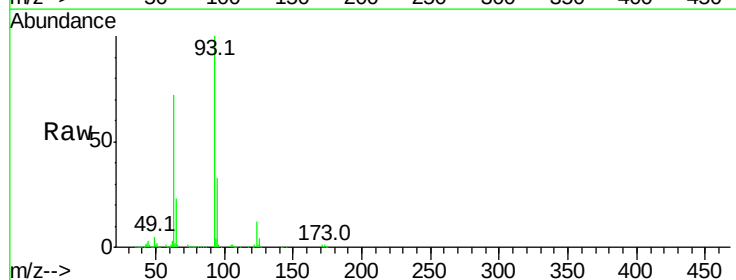
Instrument :
BNA_G
ClientSampleId :
PB97270BS

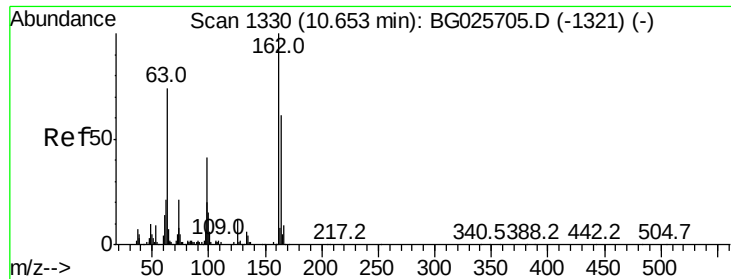
Tot Ion:122 Resp: 375829
Ion Ratio Lower Upper
122 100
107 107.9 104.2 156.4
121 59.7 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 45.49 ng
RT: 10.27 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Tgt Ion: 93 Resp: 482630
Ion Ratio Lower Upper
93 100
95 32.6 25.7 38.5
123 12.3 8.3 12.5

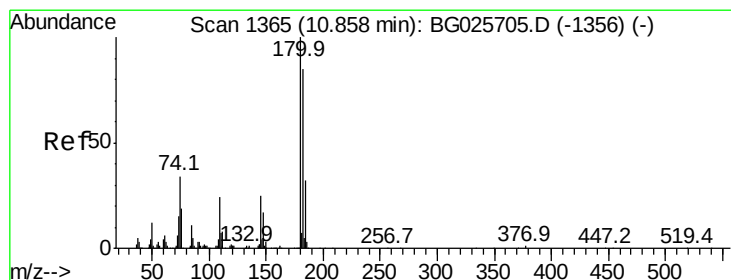
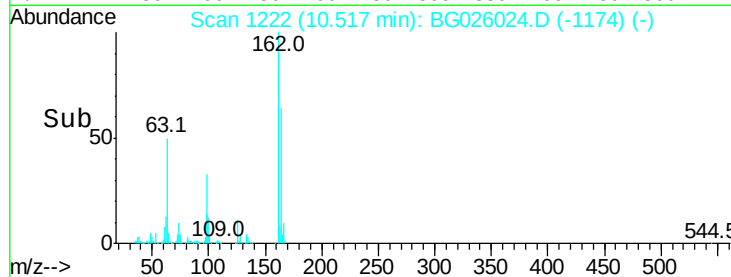
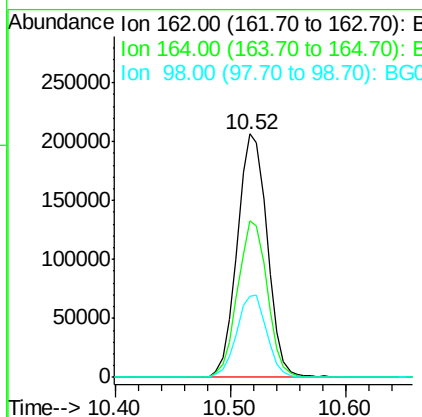
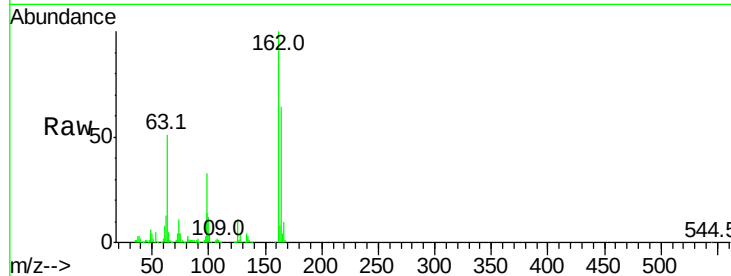




#29
 2,4-Dichlorophenol
 Concen: 54.32 ng
 RT: 10.52 min Scan# 1222
 Delta R.T. -0.02 min
 Lab File: BG026024.D
 Acq: 2 Mar 2017 11:22

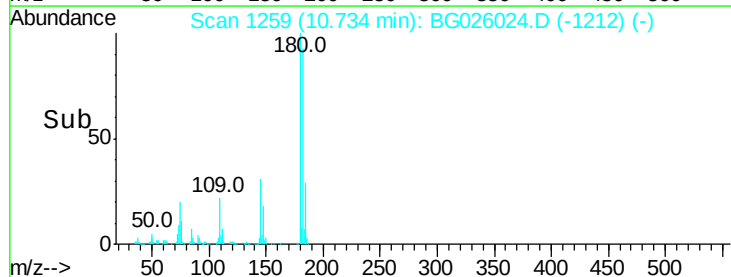
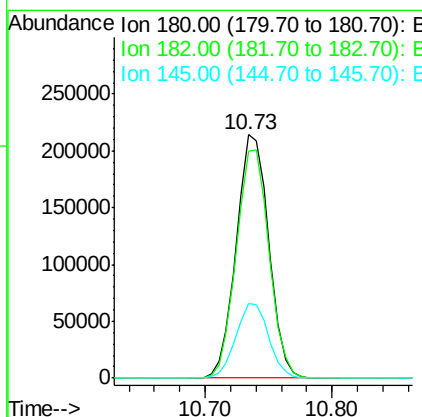
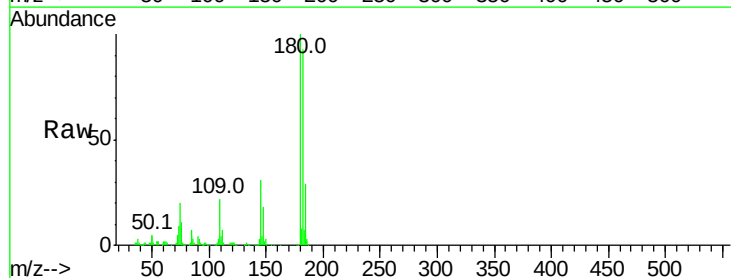
Instrument :
 BNA_G
 ClientSampleId :
 PB97270BS

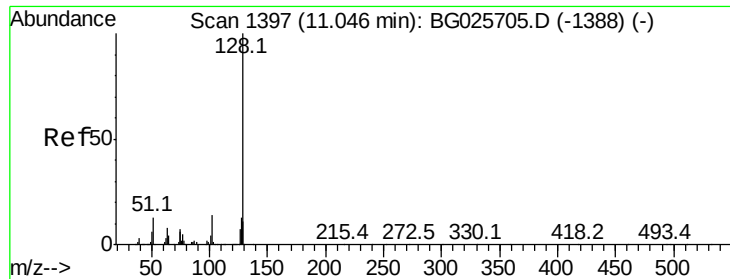
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	42.4	82.4
98	33.2	20.3	60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 51.01 ng
 RT: 10.73 min Scan# 1259
 Delta R.T. -0.02 min
 Lab File: BG026024.D
 Acq: 2 Mar 2017 11:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	77.0	115.4
145	30.8	23.4	35.0

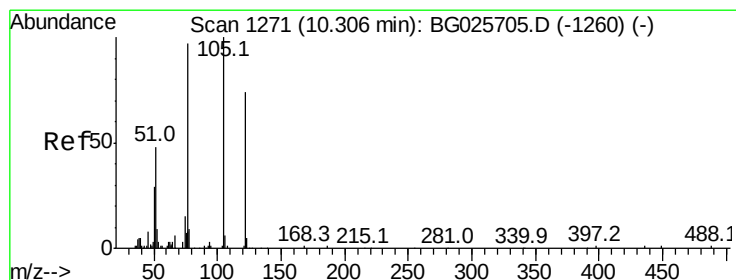
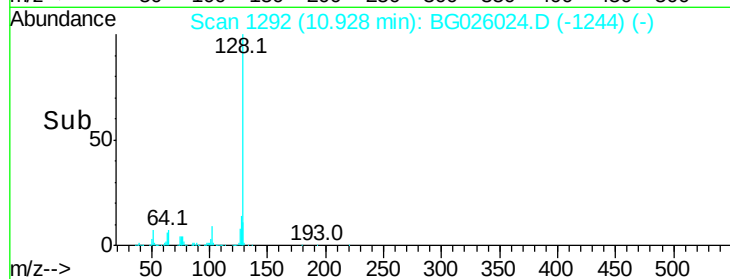
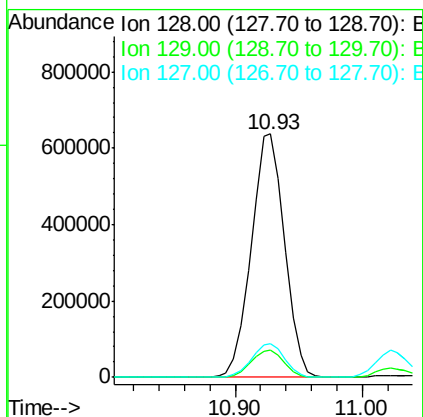
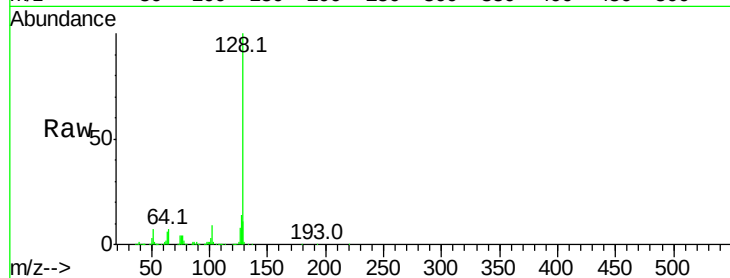




#31
Naphthalene
Concen: 46.87 ng
RT: 10.93 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

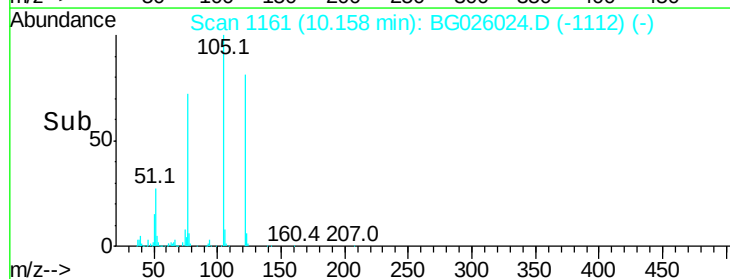
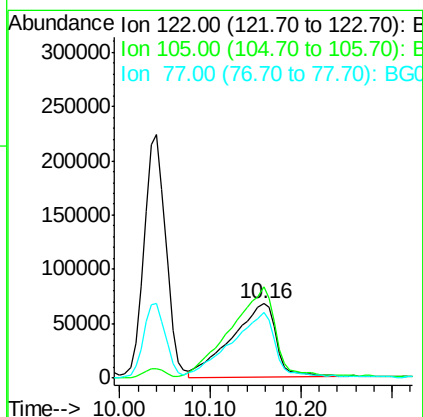
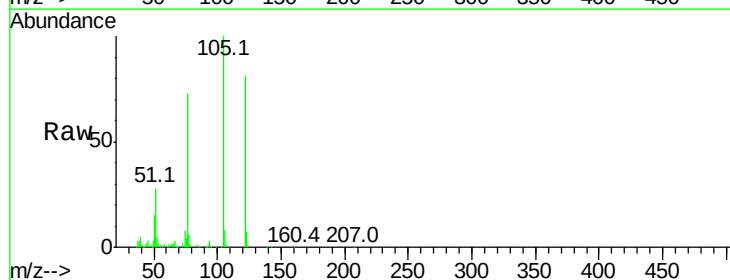
Instrument :
BNA_G
ClientSampleId :
PB97270BS

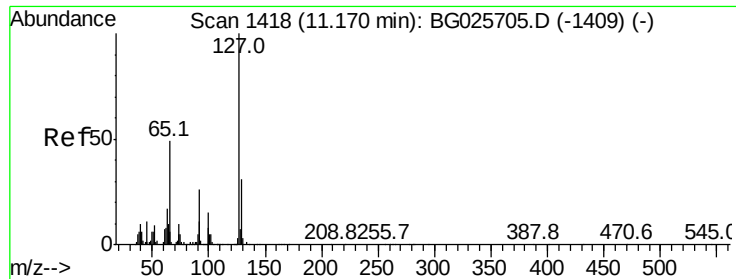
Tot Ion:128 Resp: 1163404
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.8 11.4 17.0



#32
Benzoic acid
Concen: 42.08 ng
RT: 10.16 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Tgt Ion:122 Resp: 230664
Ion Ratio Lower Upper
122 100
105 123.0 120.1 160.1
77 89.3 104.6 144.6#

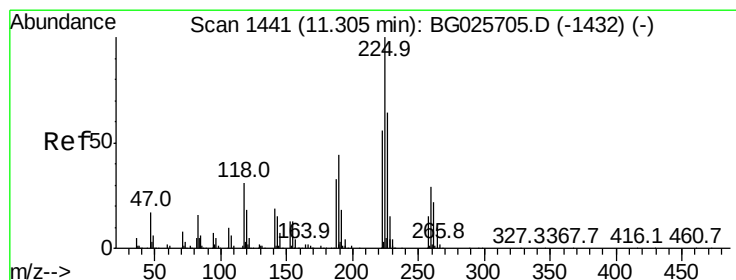
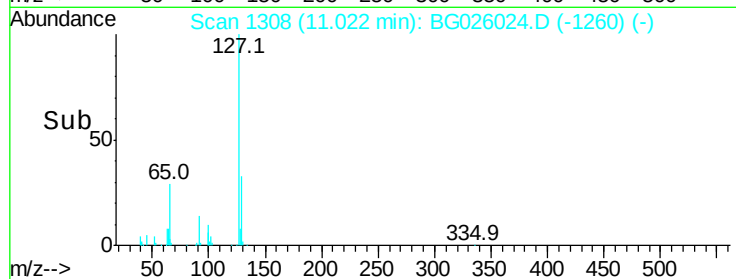
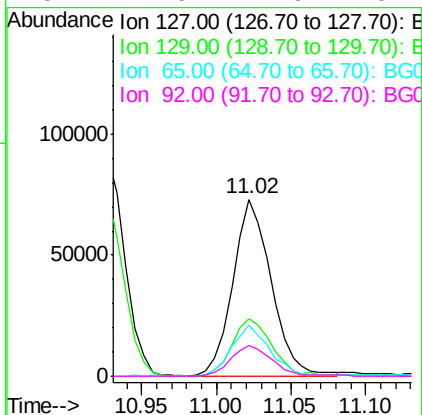
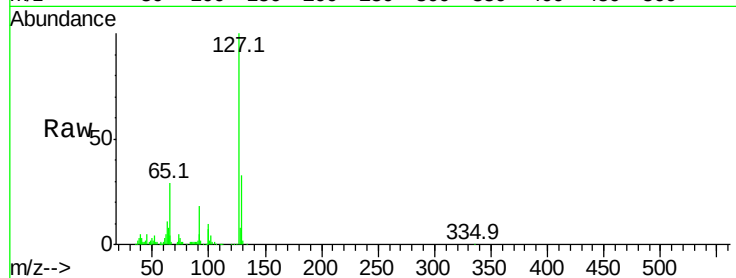




#33
4-Chloroaniline
Concen: 12.03 ng
RT: 11.02 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

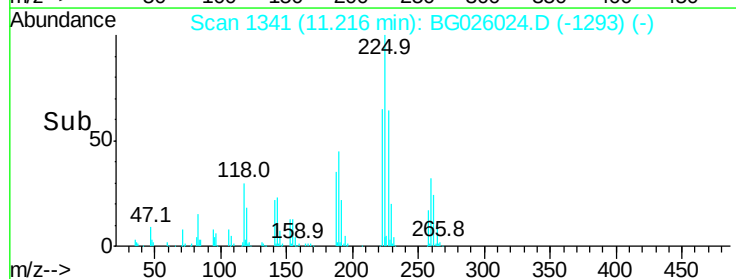
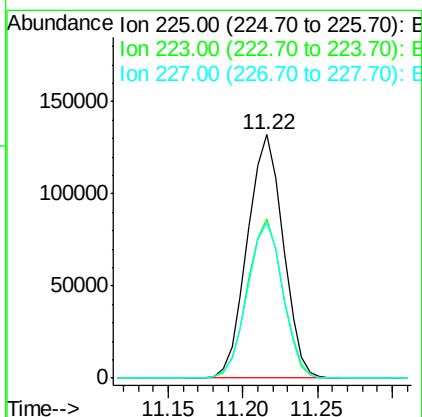
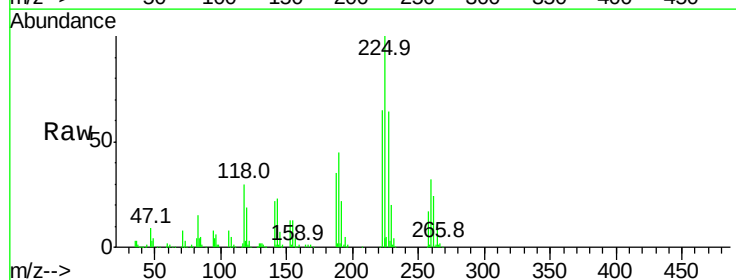
Instrument :
BNA_G
ClientSampleId :
PB97270BS

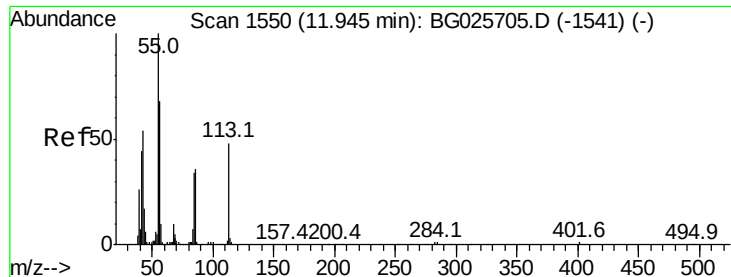
Tot Ion:	127	Resp:	129697
Ion	Ratio	Lower	Upper
127	100		
129	32.6	23.6	35.4
65	29.0	37.7	56.5#
92	17.6	17.6	26.4#



#34
Hexachlorobutadiene
Concen: 51.43 ng
RT: 11.22 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Tgt Ion:	225	Resp:	218076
Ion	Ratio	Lower	Upper
225	100		
223	65.3	50.7	76.1
227	63.5	49.0	73.6

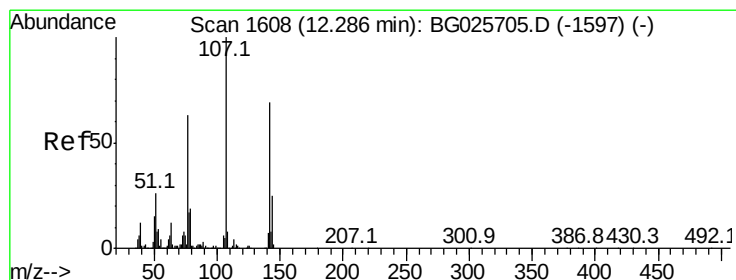
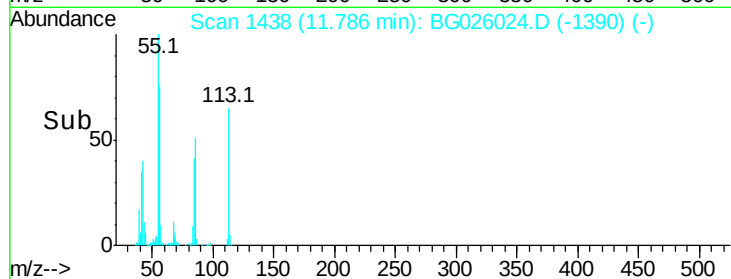
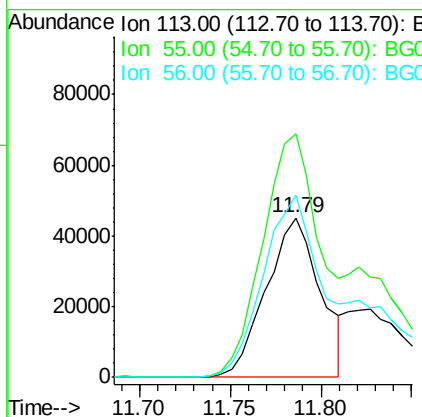
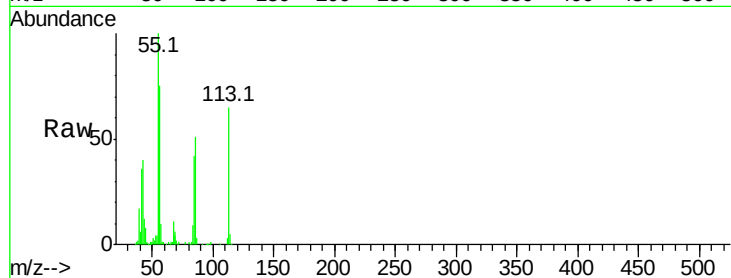




#35
 Caprolactam
 Concen: 33.97 ng
 RT: 11.79 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BG026024.D
 Acq: 2 Mar 2017 11:22

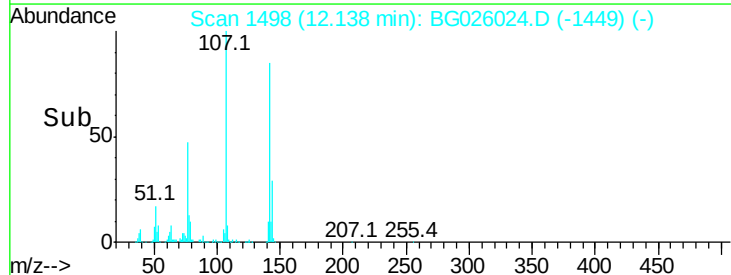
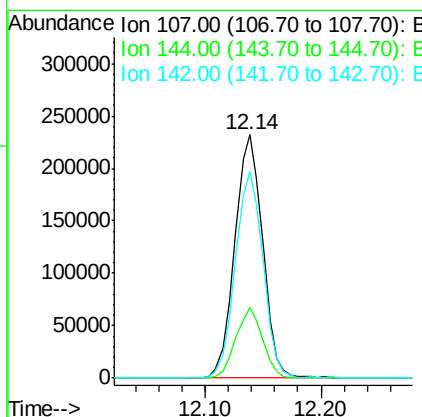
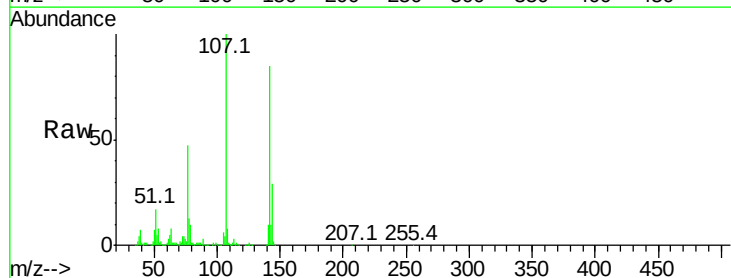
Instrument :
 BNA_G
 ClientSampleId :
 PB97270BS

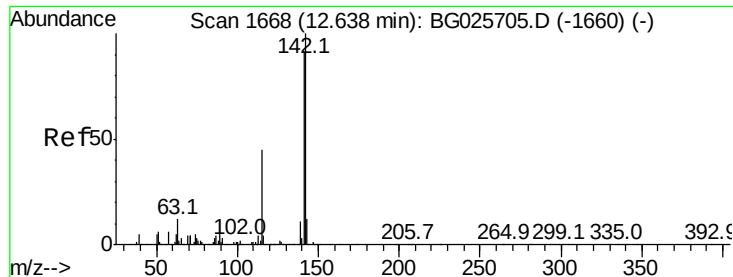
Tot Ion:113 Resp: 94013
 Ion Ratio Lower Upper
 113 100
 55 152.9 198.6 238.6#
 56 114.4 140.4 180.4#



#36
 4-Chloro-3-methylphenol
 Concen: 47.23 ng
 RT: 12.14 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BG026024.D
 Acq: 2 Mar 2017 11:22

Tgt Ion:107 Resp: 387217
 Ion Ratio Lower Upper
 107 100
 144 29.3 17.4 26.0#
 142 84.7 54.1 81.1#

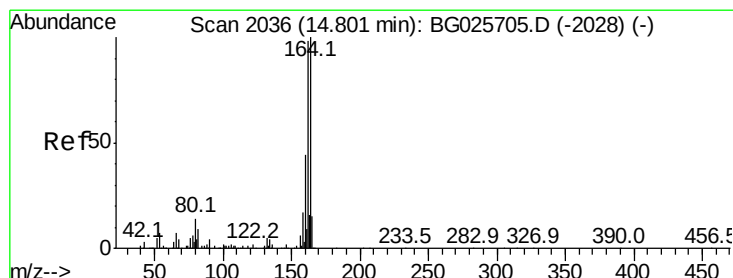
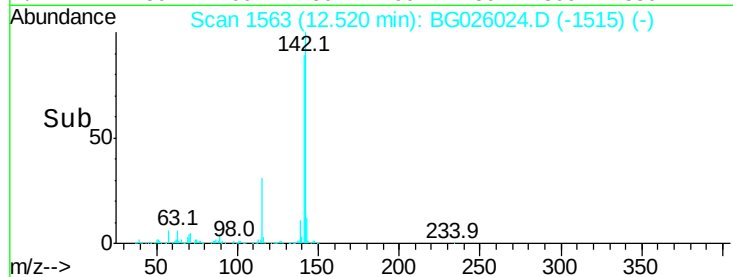
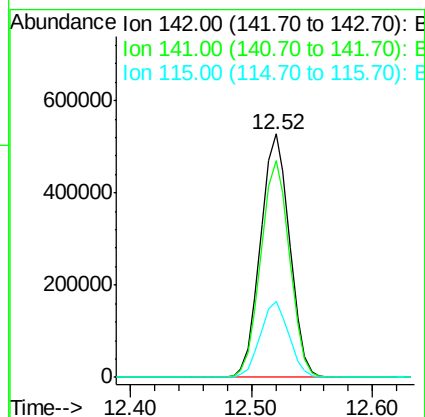
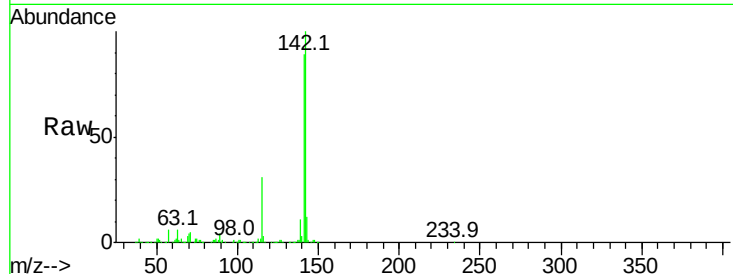




#37
2-Methylnaphthalene
Concen: 46.70 ng
RT: 12.52 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

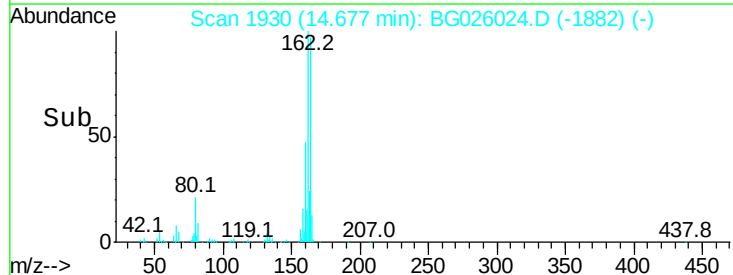
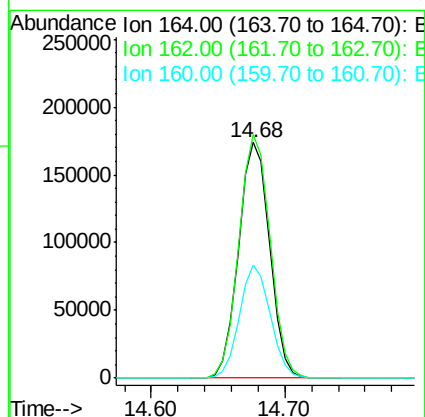
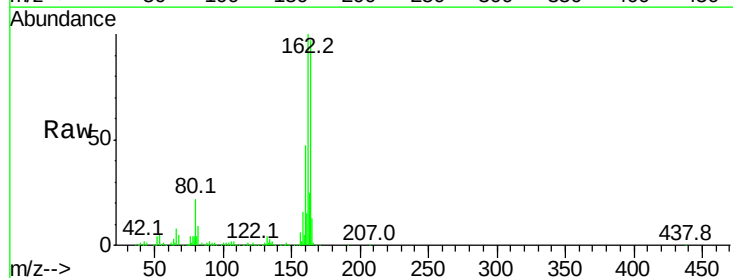
Instrument :
BNA_G
ClientSampleId :
PB97270BS

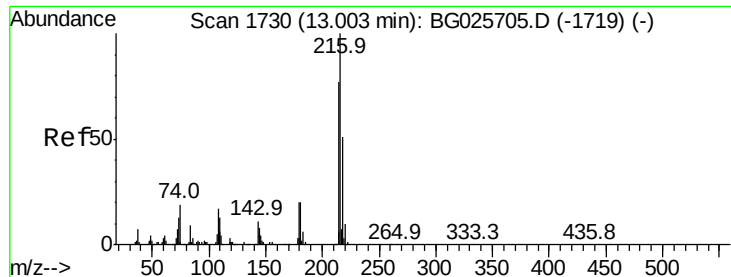
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.4	105.6
115	31.1	35.5	53.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.68 min Scan# 1930
Delta R.T. -0.02 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	85.1	127.7
160	48.2	34.7	52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 57.51 ng

RT: 12.88 min Scan# 1625

Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Instrument :

BNA_G

ClientSampleId :

PB97270BS

Tot Ion:216 Resp: 402651

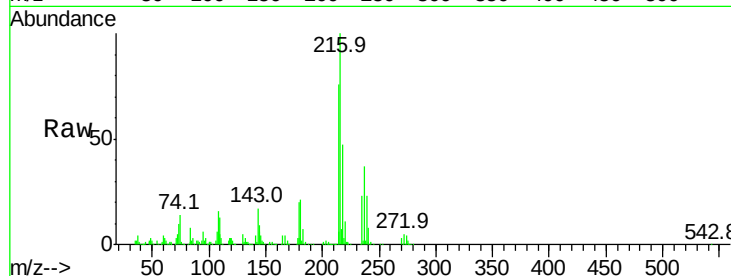
Ion Ratio Lower Upper

216 100

214 78.5 64.4 96.6

179 21.0 17.4 26.0

108 18.6 15.6 23.4

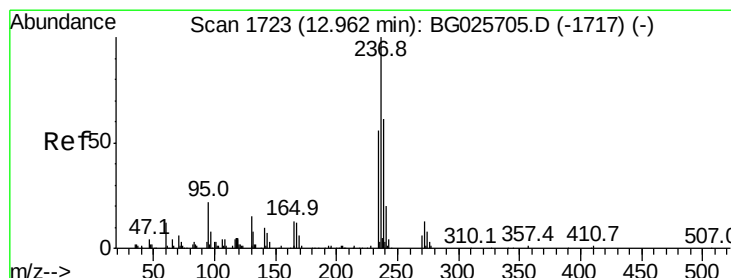
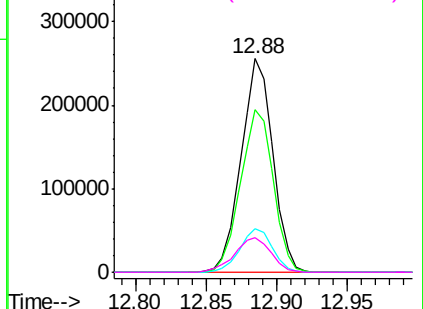
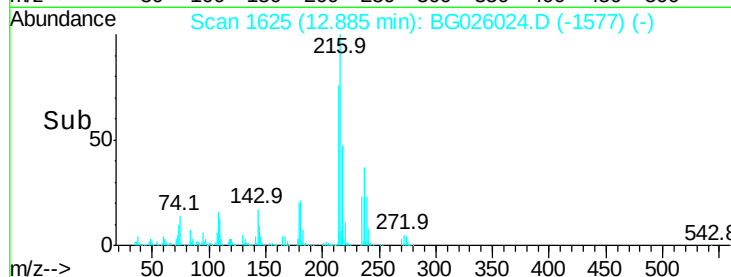


Abundance Ion 216.00 (215.70 to 216.70): E

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: 110.50 ng

RT: 12.87 min Scan# 1622

Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

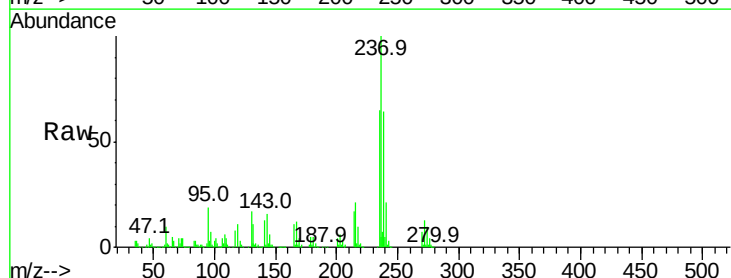
Tgt Ion:237 Resp: 423364

Ion Ratio Lower Upper

237 100

235 64.9 39.4 79.4

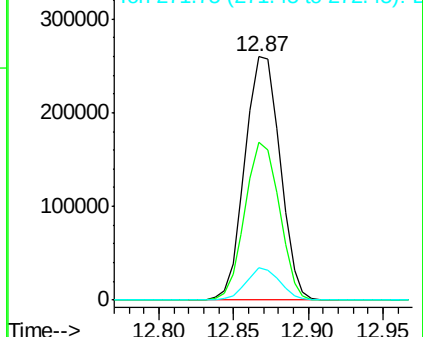
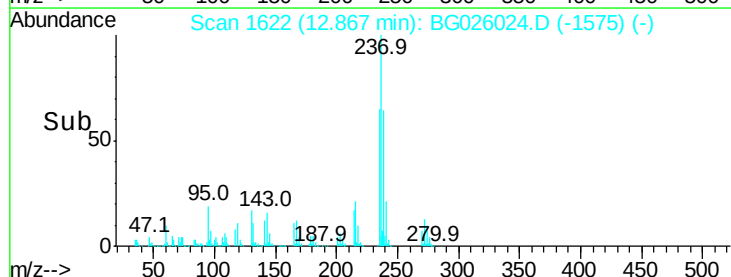
272 13.2 0.0 32.0

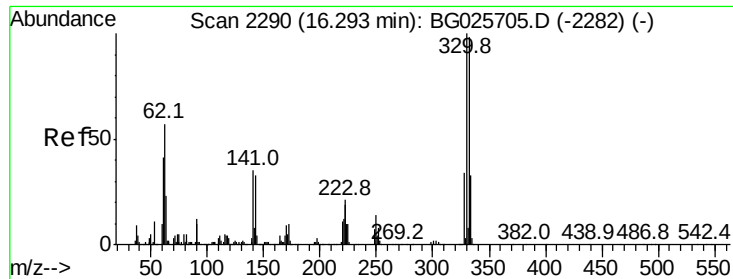


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

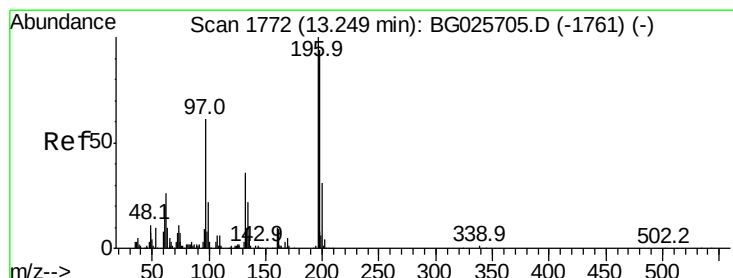
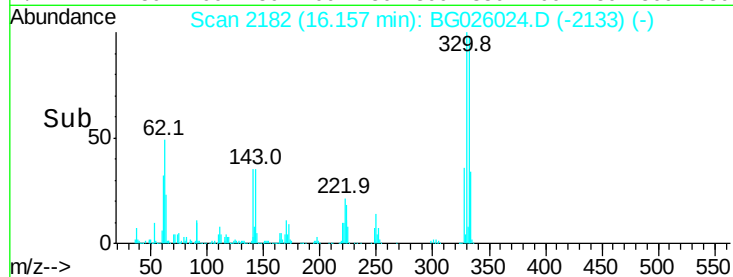
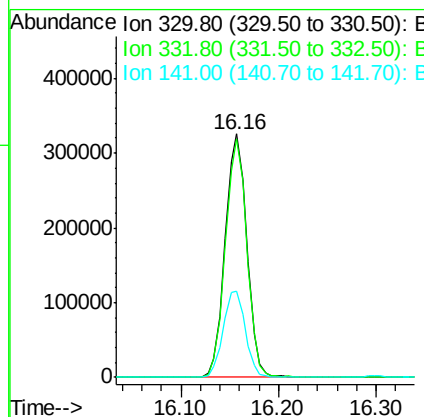
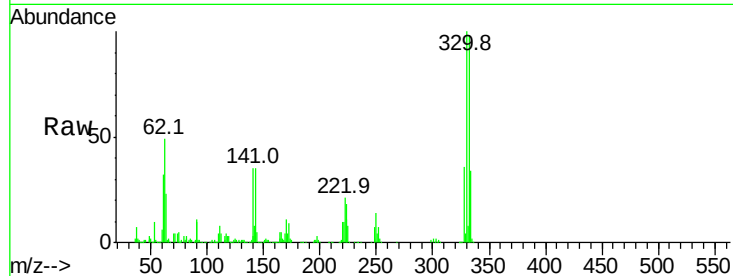




#41
 2,4,6-Tribromophenol
 Concen: 194.83 ng
 RT: 16.16 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BG026024.D
 Acq: 2 Mar 2017 11:22

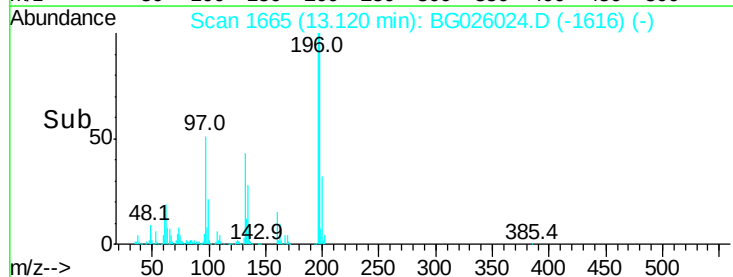
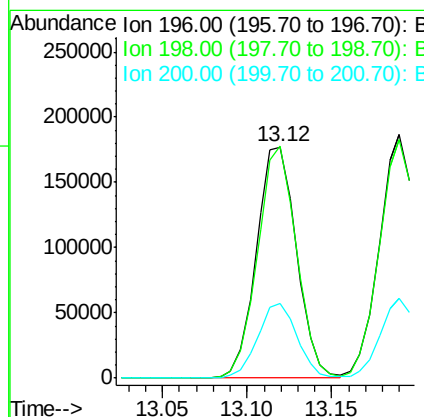
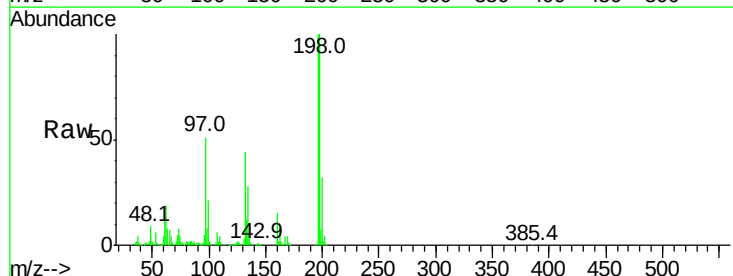
Instrument :
 BNA_G
 ClientSampleId :
 PB97270BS

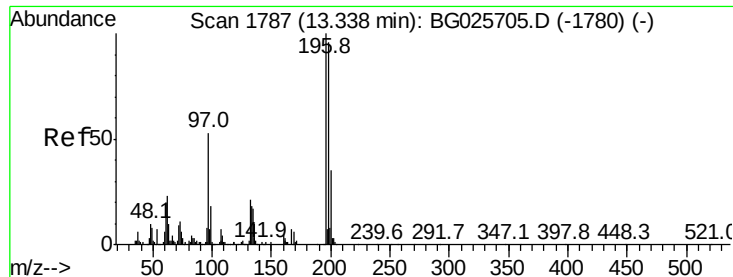
Tot Ion:330 Resp: 502823
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.3 115.9
 141 36.3 32.1 48.1



#42
 2,4,6-Trichlorophenol
 Concen: 64.31 ng
 RT: 13.12 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BG026024.D
 Acq: 2 Mar 2017 11:22

Tgt Ion:196 Resp: 290793
 Ion Ratio Lower Upper
 196 100
 198 100.3 81.4 122.2
 200 32.2 27.0 40.6

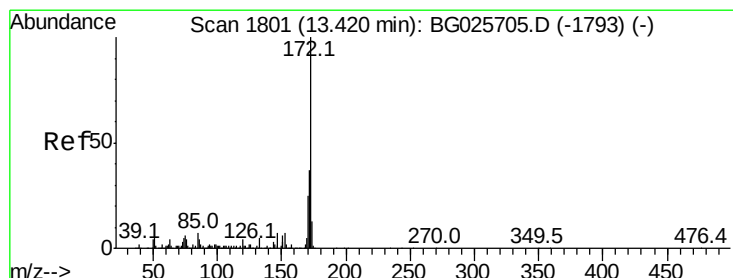
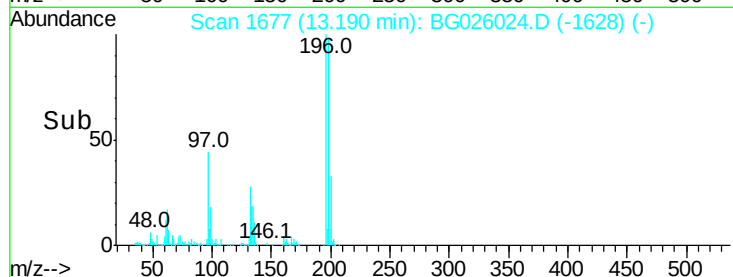
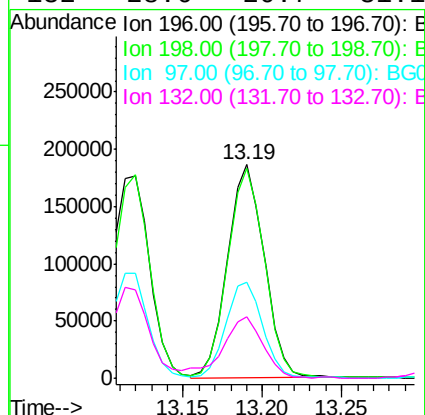
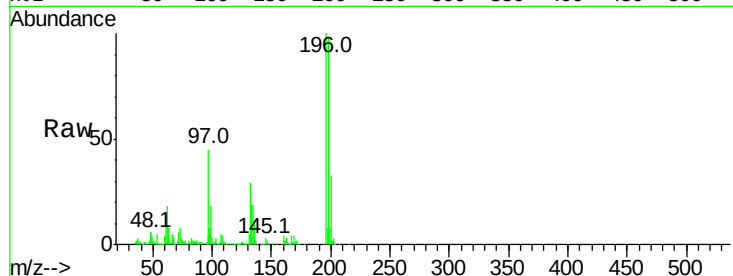




#43
2,4,5-Trichlorophenol
Concen: 57.95 ng
RT: 13.19 min Scan# 1677
Delta R.T. -0.01 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

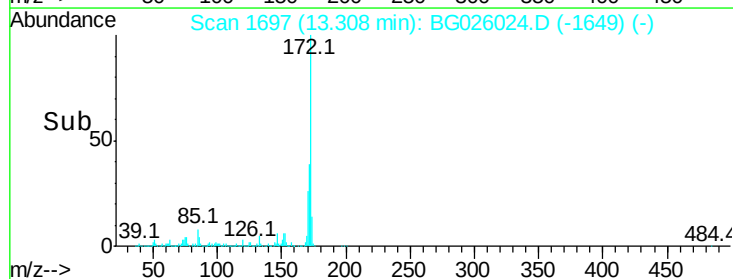
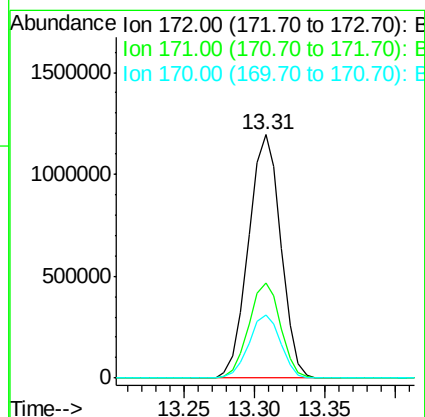
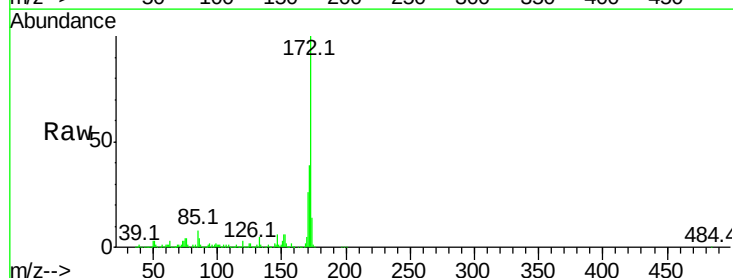
Instrument :
BNA_G
ClientSampleId :
PB97270BS

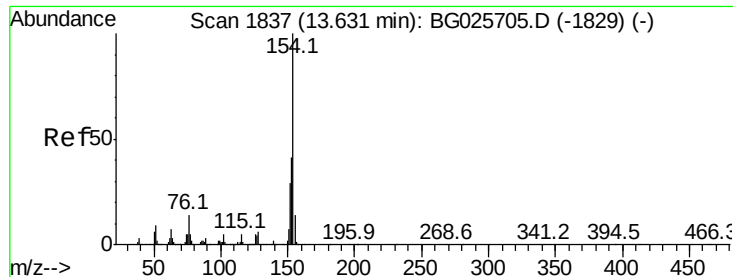
Tot Ion:	196	Resp:	297495
Ion	Ratio	Lower	Upper
196	100		
198	98.0	79.9	119.9
97	44.9	45.4	68.0#
132	28.6	20.7	31.1



#44
2-Fluorobiphenyl
Concen: 120.37 ng
RT: 13.31 min Scan# 1697
Delta R.T. -0.02 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Tgt Ion:	172	Resp:	1924310
Ion	Ratio	Lower	Upper
172	100		
171	39.3	32.2	48.2
170	26.0	21.8	32.6



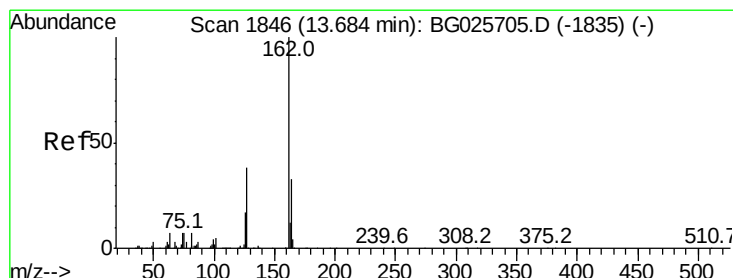
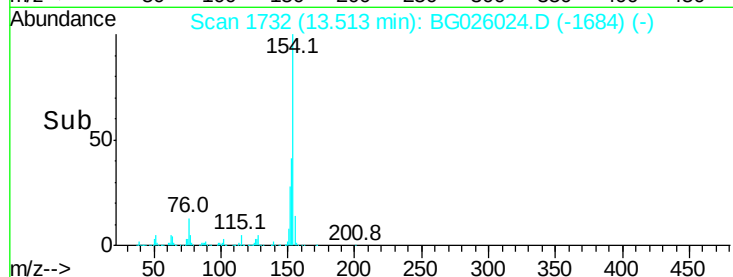
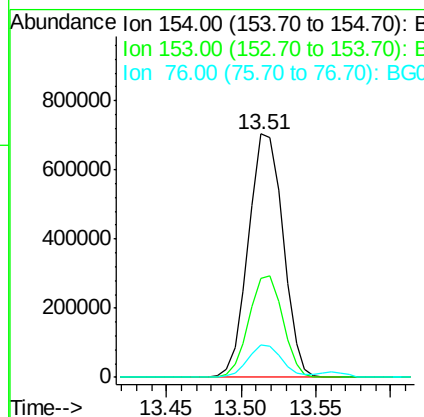
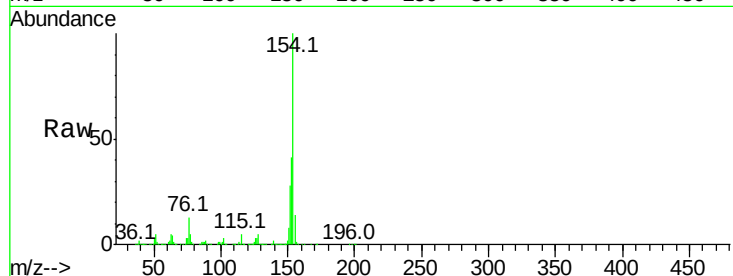


#45
 1,1'-Biphenyl
 Concen: 55.73 ng
 RT: 13.51 min Scan# 1732
 Delta R.T. -0.02 min
 Lab File: BG026024.D
 Acq: 2 Mar 2017 11:22

Instrument :
 BNA_G
 ClientSampleId :
 PB97270BS

Tot Ion:154 Resp: 1128247

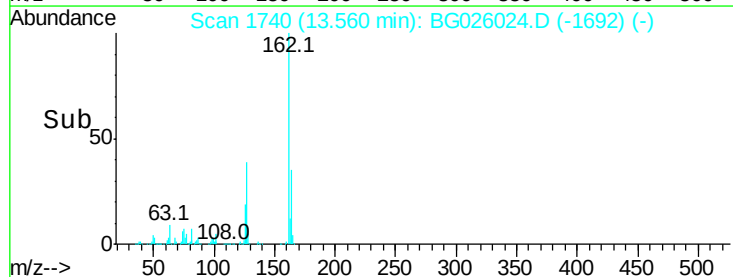
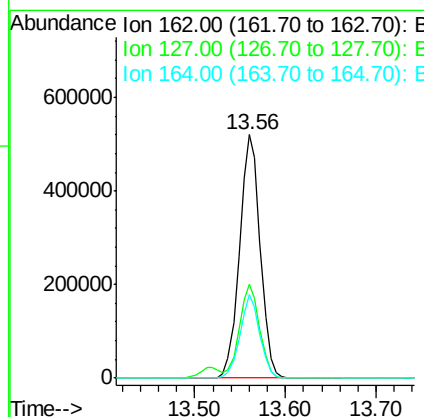
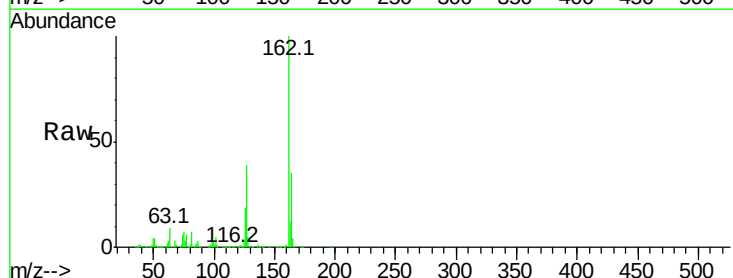
Ion	Ratio	Lower	Upper
154	100		
153	40.9	23.0	63.0
76	13.2	0.0	33.5

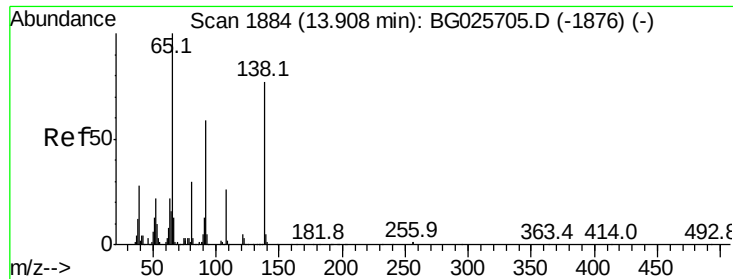


#46
 2-Chloronaphthalene
 Concen: 56.36 ng
 RT: 13.56 min Scan# 1740
 Delta R.T. -0.02 min
 Lab File: BG026024.D
 Acq: 2 Mar 2017 11:22

Tgt Ion:162 Resp: 824829

Ion	Ratio	Lower	Upper
162	100		
127	38.6	32.2	48.4
164	34.6	27.3	40.9





#47

2-Nitroaniline

Concen: 49.96 ng

RT: 13.75 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Instrument :

BNA_G

ClientSampleId :

PB97270BS

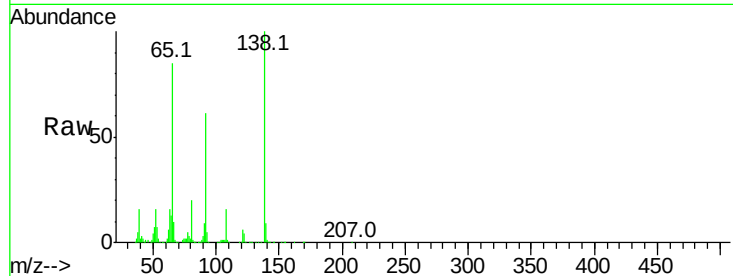
Tot Ion: 65 Resp: 231883

Ion Ratio Lower Upper

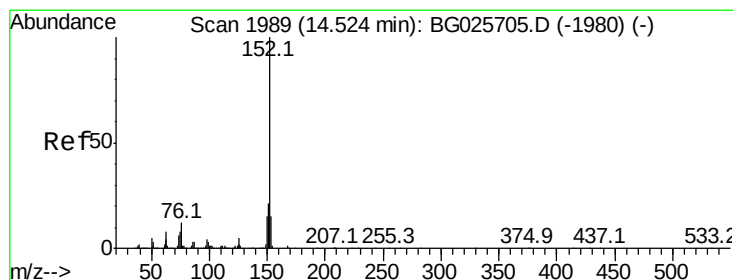
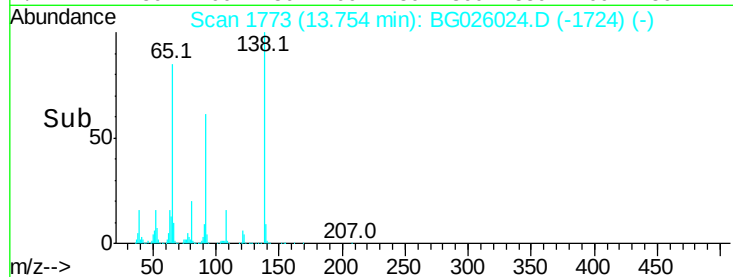
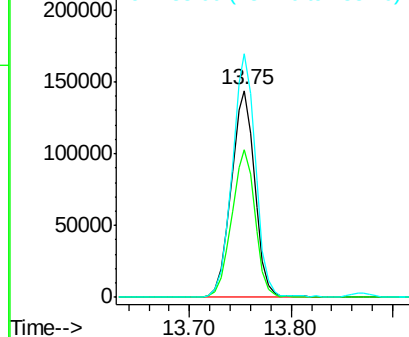
65 100

92 71.5 49.0 73.4

138 117.7 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: 52.60 ng

RT: 14.40 min Scan# 1883

Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

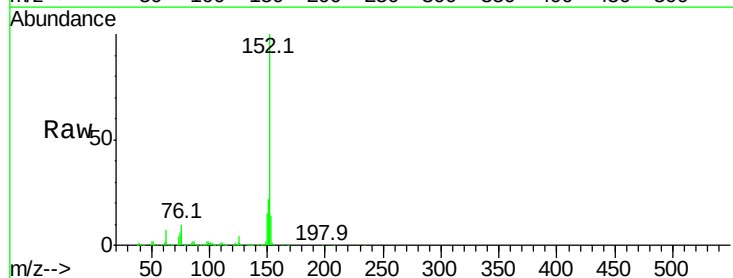
Tgt Ion: 152 Resp: 1370796

Ion Ratio Lower Upper

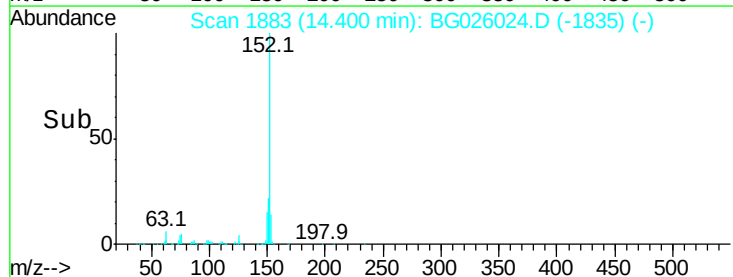
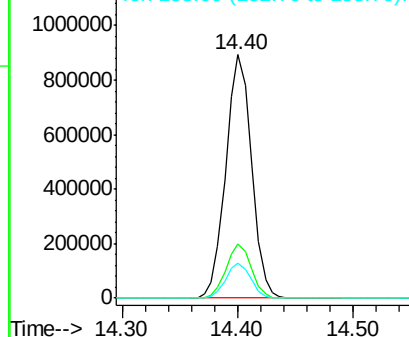
152 100

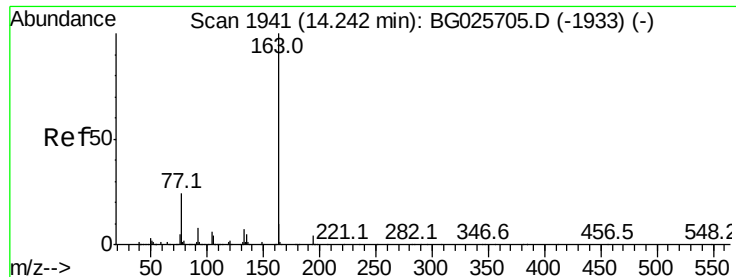
151 22.5 18.2 27.2

153 14.2 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: 55.68 ng

RT: 14.13 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Instrument :

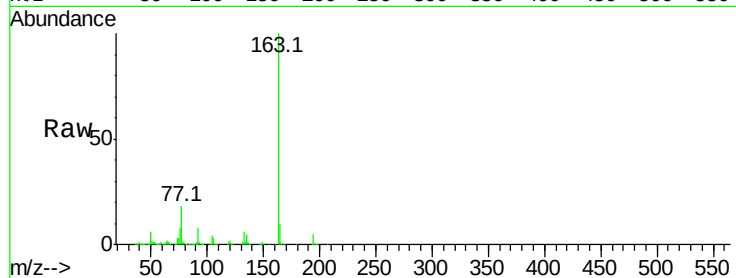
BNA_G

ClientSampleId :

PB97270BS

Tot Ion:163 Resp: 1067197

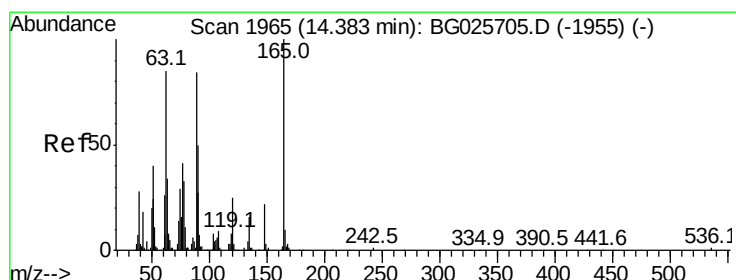
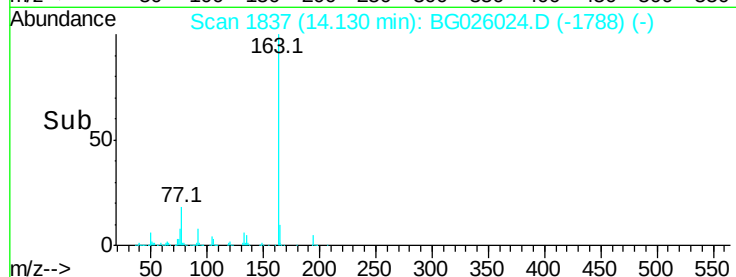
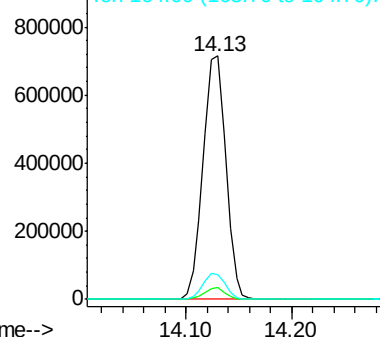
Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.8	5.6
164	10.4	9.3	13.9



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: 54.44 ng

RT: 14.24 min Scan# 1856

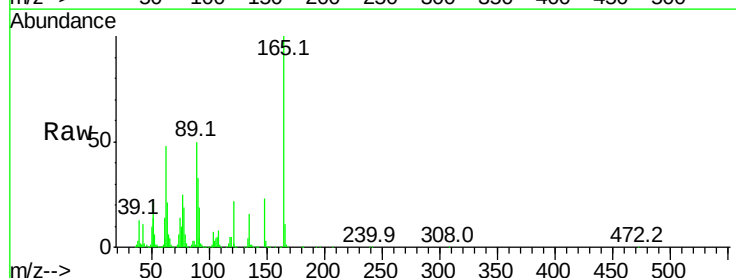
Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Tgt Ion:165 Resp: 234356

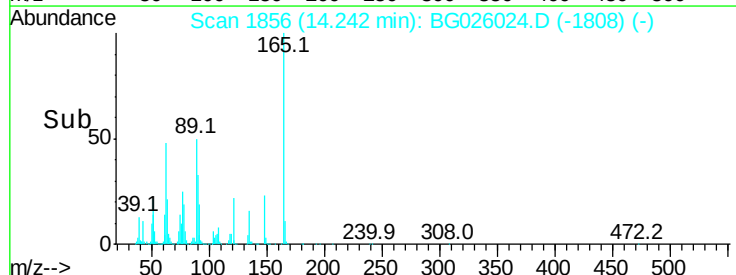
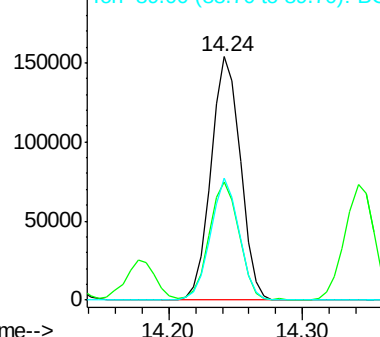
Ion	Ratio	Lower	Upper
165	100		
63	48.3	63.9	95.9#
89	50.1	58.6	88.0#

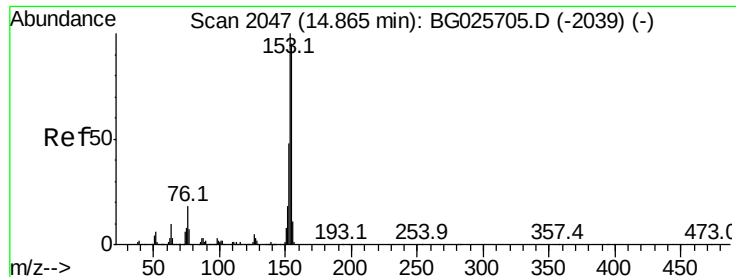


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 57.03 ng

RT: 14.74 min Scan# 1941

Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Instrument :

BNA_G

ClientSampleId :

PB97270BS

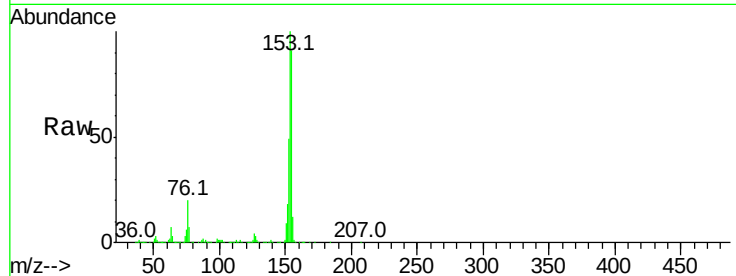
Tot Ion:154 Resp: 981394

Ion Ratio Lower Upper

154 100

153 110.1 87.8 131.6

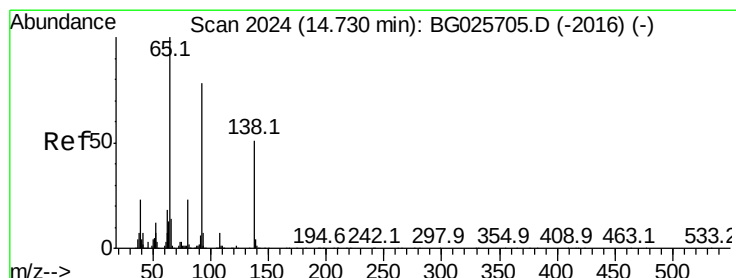
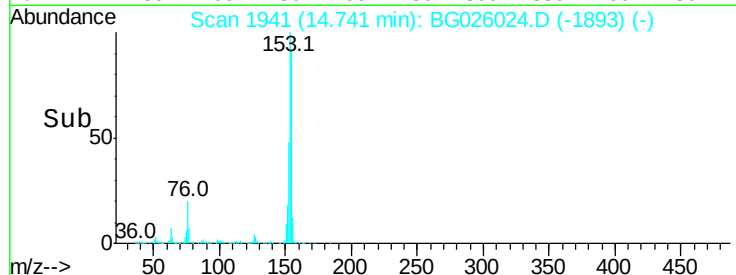
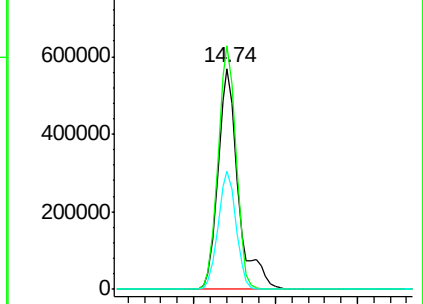
152 53.5 42.2 63.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.78 ng

RT: 14.57 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

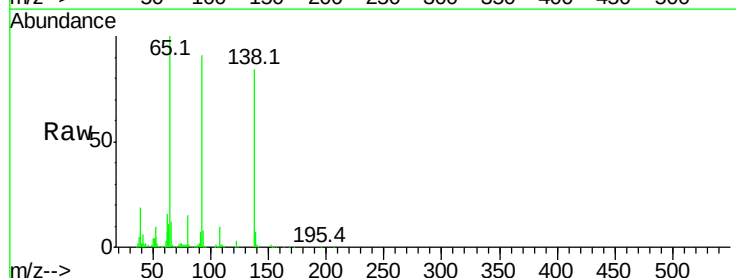
Tgt Ion:138 Resp: 124139

Ion Ratio Lower Upper

138 100

108 11.4 10.9 16.3

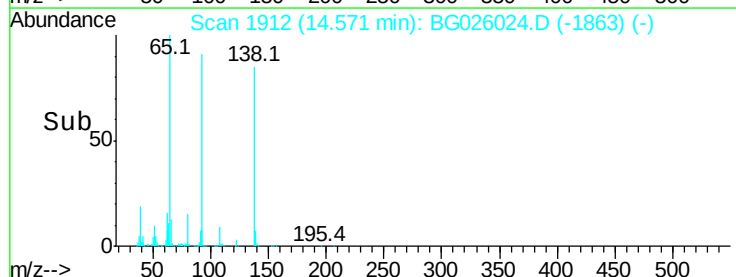
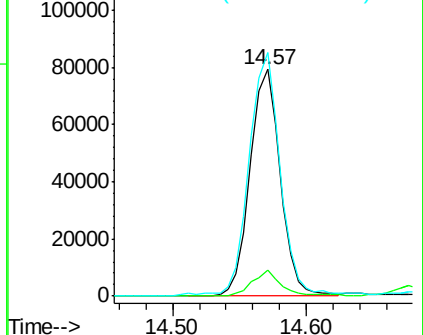
92 107.4 115.3 172.9#

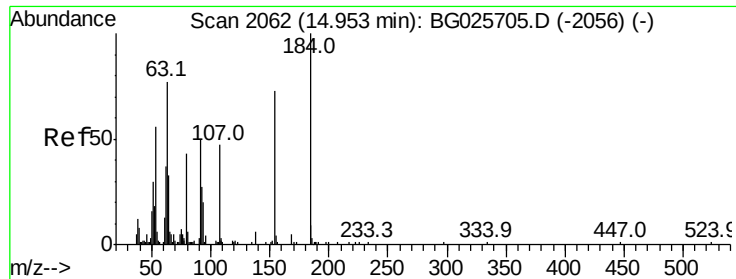


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

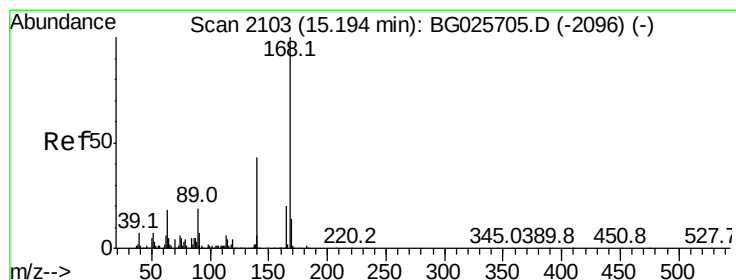
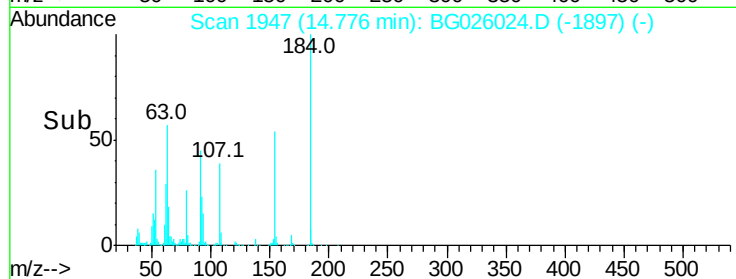
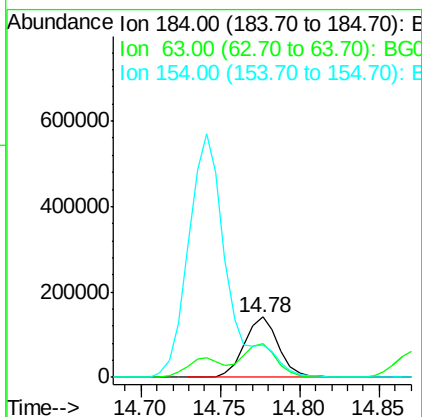
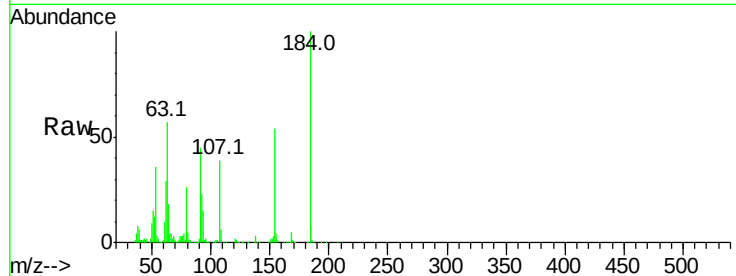




#53
2,4-Dinitrophenol
Concen: 94.40 ng
RT: 14.78 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

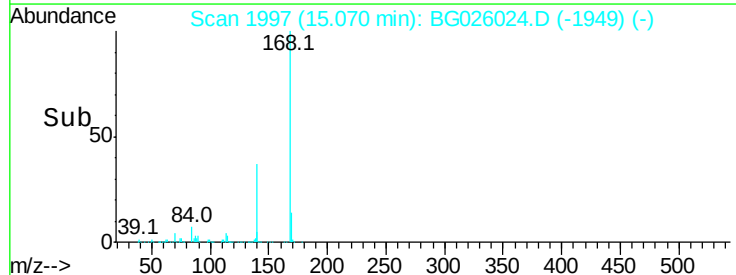
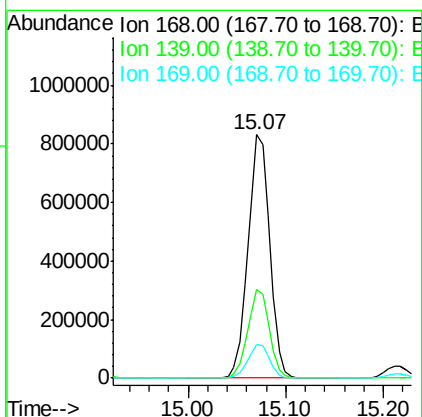
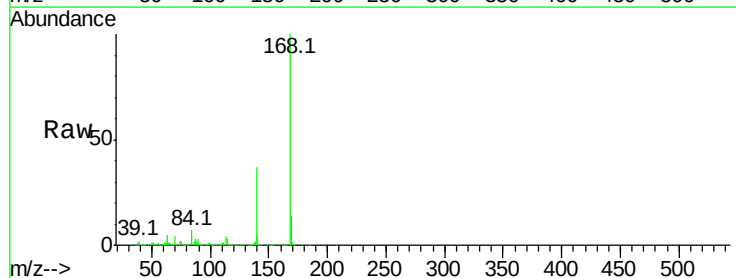
Instrument :
BNA_G
ClientSampleId :
PB97270BS

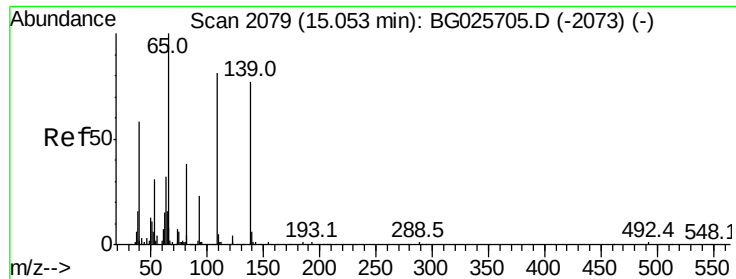
Tot Ion:184 Resp: 212659
Ion Ratio Lower Upper
184 100
63 57.0 52.7 79.1
154 54.1 57.3 85.9#



#54
Dibenzofuran
Concen: 56.80 ng
RT: 15.07 min Scan# 1997
Delta R.T. -0.02 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Tgt Ion:168 Resp: 1303060
Ion Ratio Lower Upper
168 100
139 36.5 35.3 52.9
169 14.1 11.5 17.3

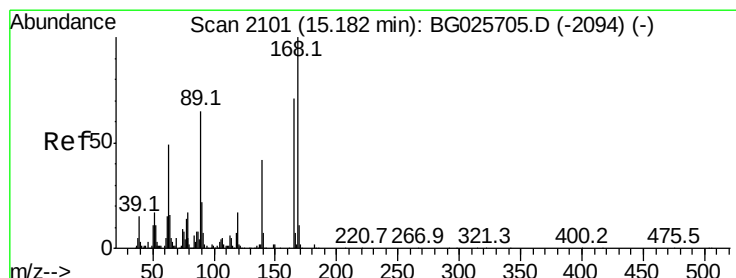
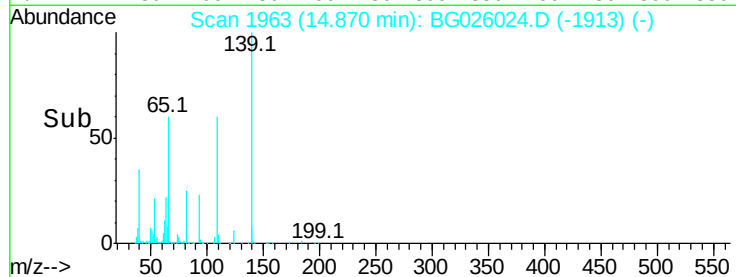
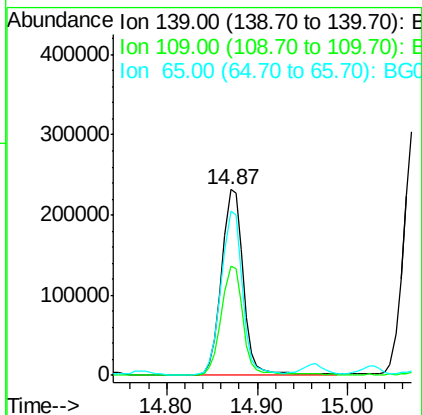
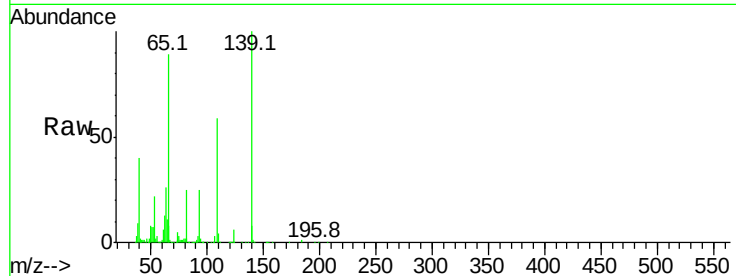




#55
4-Nitrophenol
Concen: 100.12 ng
RT: 14.87 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

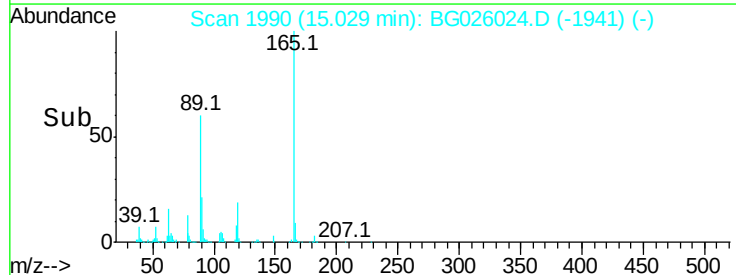
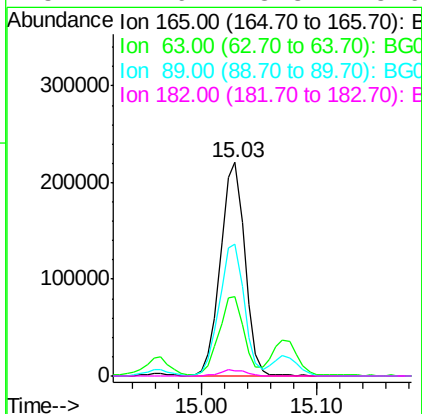
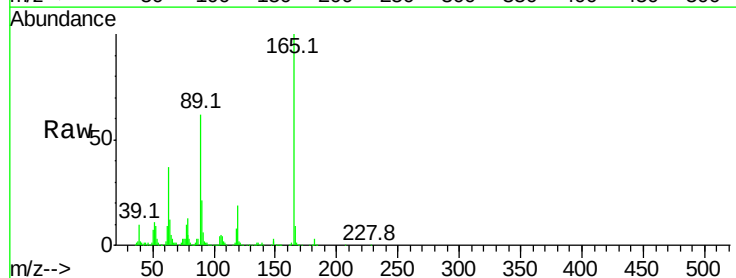
Instrument :
BNA_G
ClientSampleId :
PB97270BS

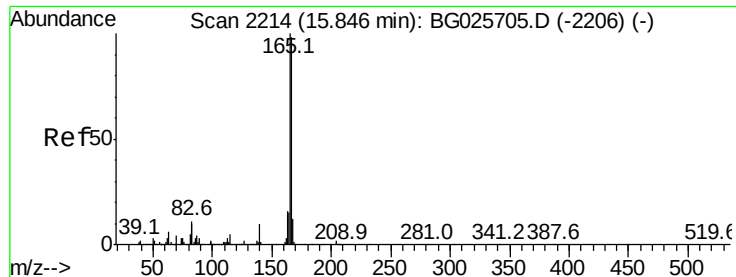
Tot Ion:139 Resp: 392378
Ion Ratio Lower Upper
139 100
109 59.0 101.2 141.2#
65 88.5 135.3 175.3#



#56
2,4-Dinitrotoluene
Concen: 55.85 ng
RT: 15.03 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Tgt Ion:165 Resp: 323489
Ion Ratio Lower Upper
165 100
63 37.2 44.0 66.0#
89 61.8 67.3 100.9#
182 2.6 3.8 5.6#





#57

Fluorene

Concen: 52.31 ng

RT: 15.72 min Scan# 2107

Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Instrument :

BNA_G

ClientSampleId :

PB97270BS

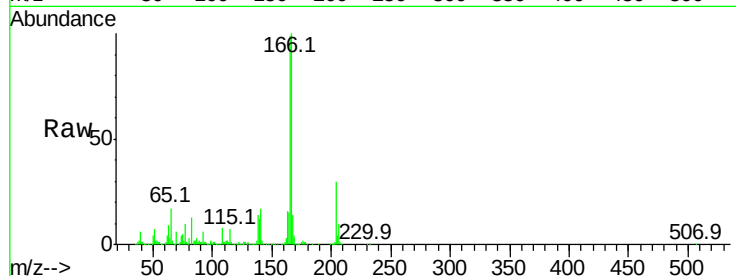
Tot Ion:166 Resp: 1072452

Ion Ratio Lower Upper

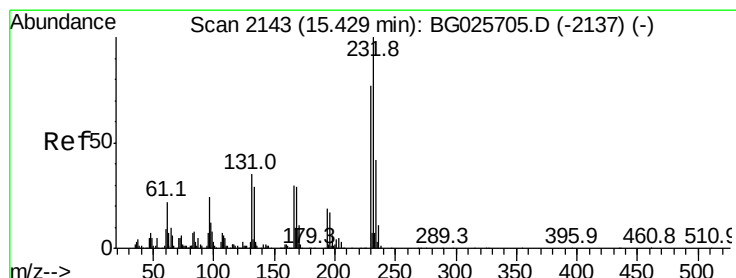
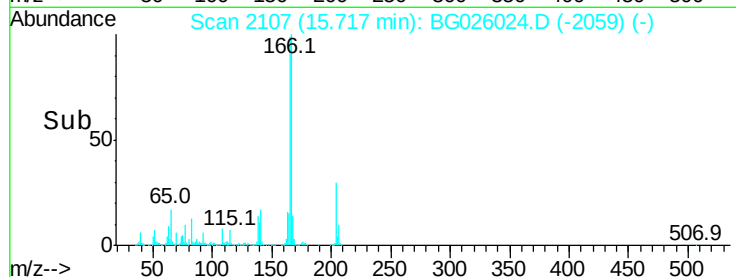
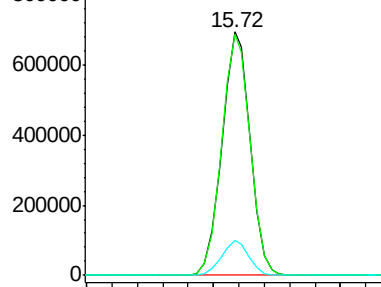
166 100

165 99.1 78.6 117.8

167 14.5 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: 64.57 ng

RT: 15.29 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Tgt Ion:232 Resp: 292429

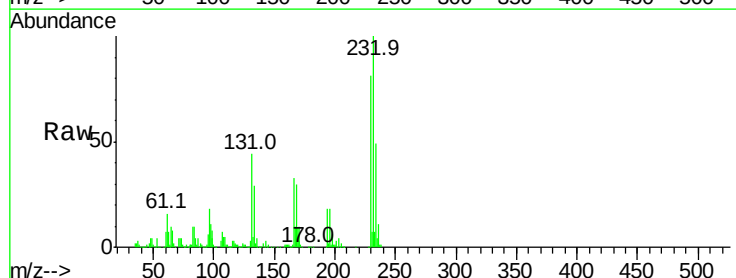
Ion Ratio Lower Upper

232 100

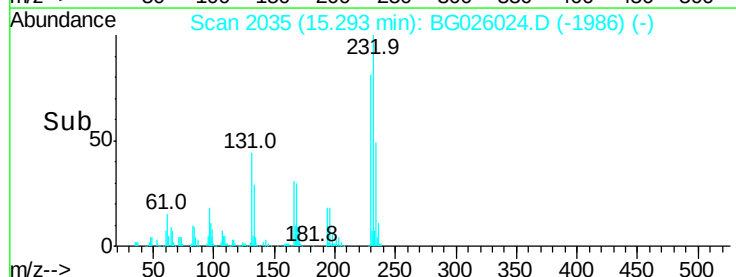
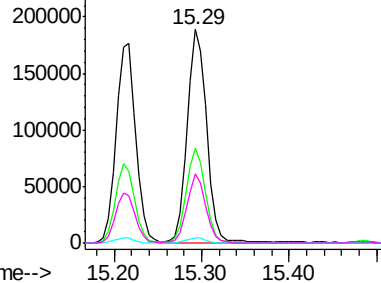
131 42.7 34.9 52.3

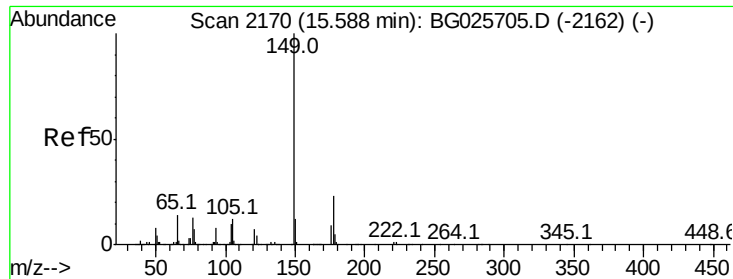
130 2.4 2.3 3.5

166 30.9 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: 55.82 ng

RT: 15.48 min Scan# 2067

Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Instrument :

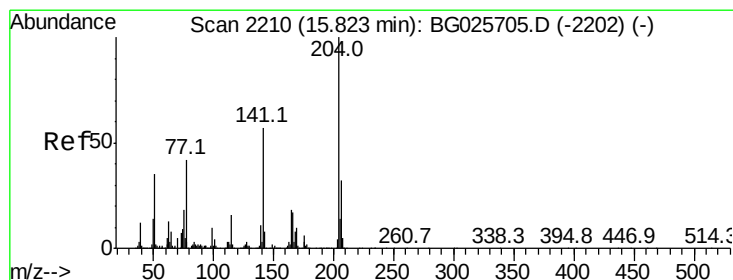
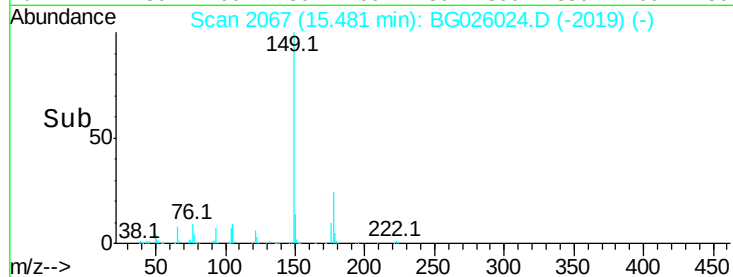
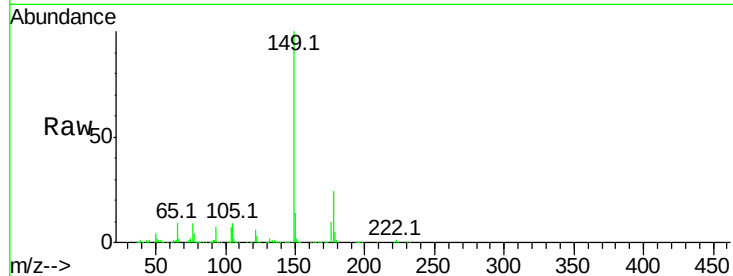
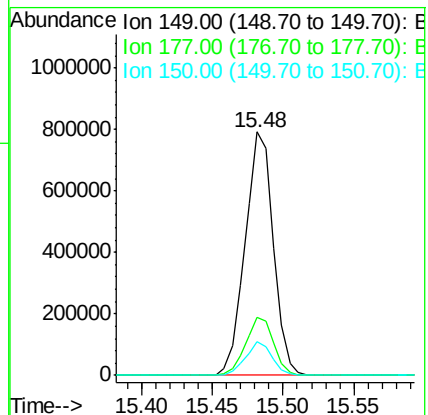
BNA_G

ClientSampleId :

PB97270BS

Tot Ion:149 Resp: 1106508

Ion	Ratio	Lower	Upper
149	100		
177	23.8	20.1	30.1
150	13.7	10.2	15.2



#60

4-Chlorophenyl-phenylether

Concen: 53.88 ng

RT: 15.70 min Scan# 2105

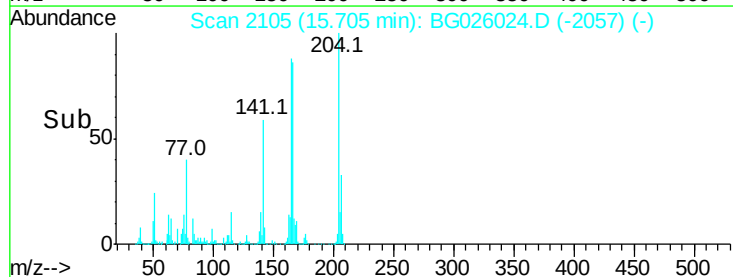
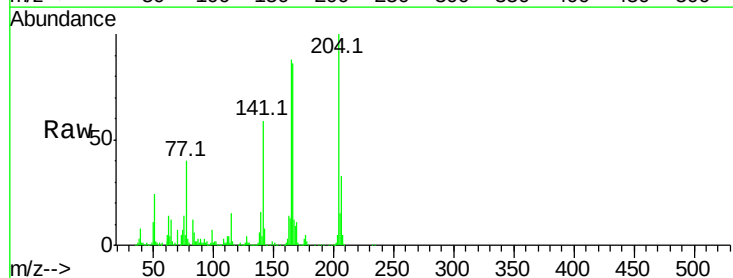
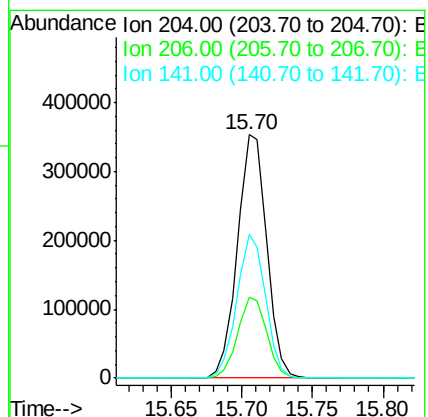
Delta R.T. -0.02 min

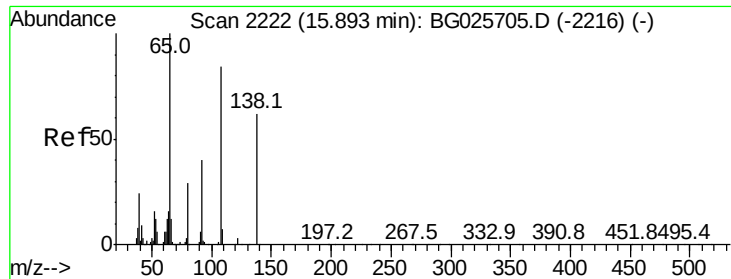
Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Tgt Ion:204 Resp: 511793

Ion	Ratio	Lower	Upper
204	100		
206	33.3	30.1	45.1
141	58.9	50.6	76.0

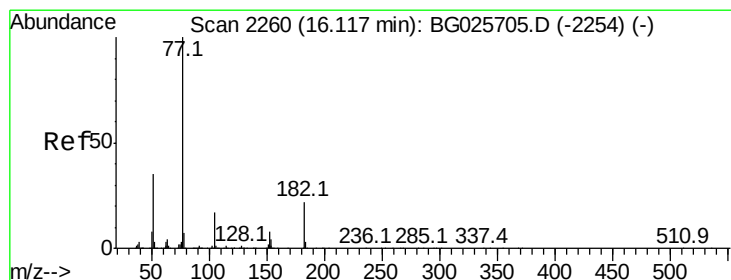
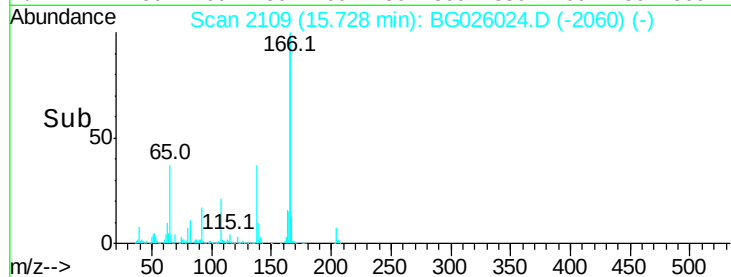
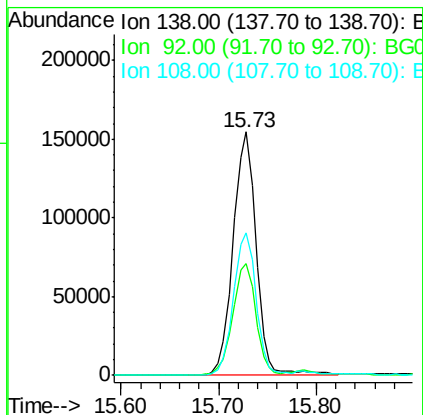
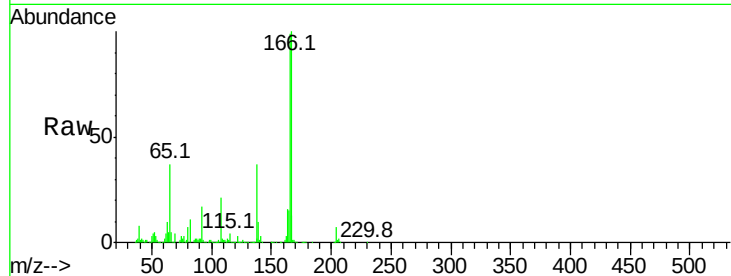




#61
4-Nitroaniline
Concen: 51.15 ng
RT: 15.73 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

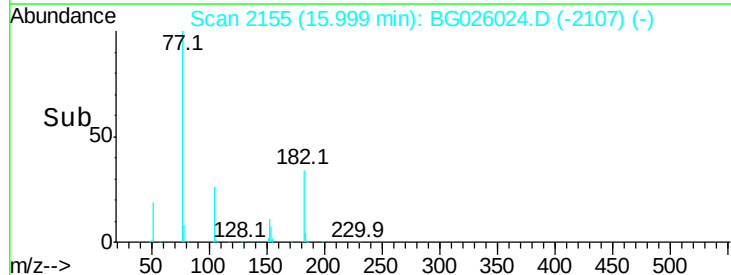
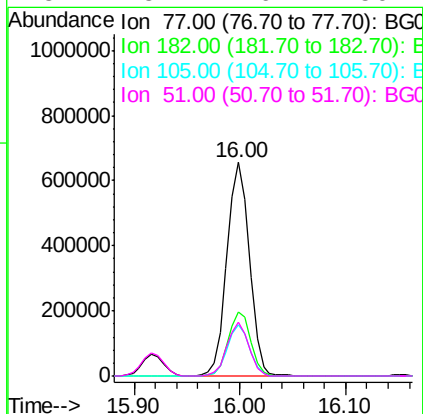
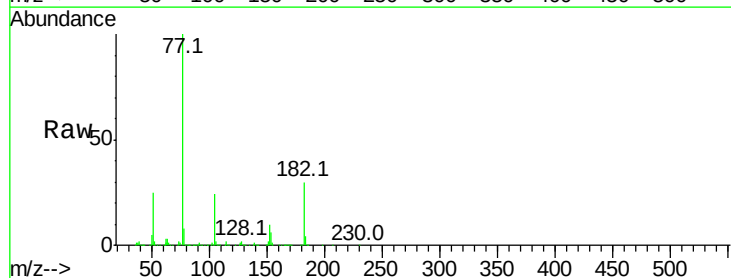
Instrument :
BNA_G
ClientSampleId :
PB97270BS

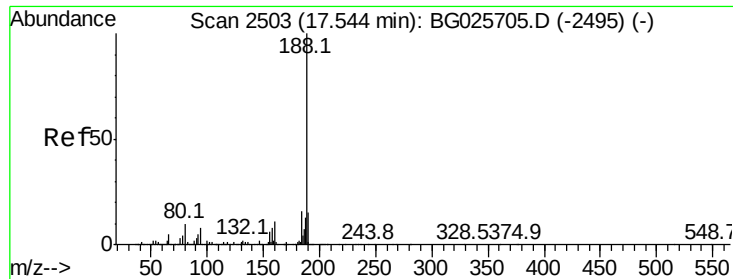
Tot Ion:138 Resp: 255323
Ion Ratio Lower Upper
138 100
92 45.7 44.2 84.2
108 58.6 104.8 144.8#



#62
Azobenzene
Concen: 56.33 ng
RT: 16.00 min Scan# 2155
Delta R.T. -0.02 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Tgt Ion: 77 Resp: 959823
Ion Ratio Lower Upper
77 100
182 29.9 4.7 44.7
105 23.9 0.0 36.3
51 25.1 16.4 56.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.41 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Instrument :

BNA_G

ClientSampled :

PB97270BS

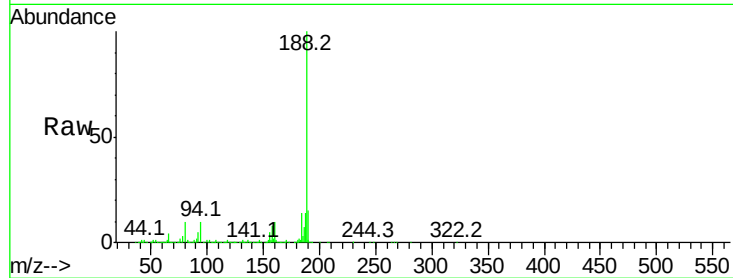
Tot Ion:188 Resp: 653127

Ion Ratio Lower Upper

188 100

94 9.8 5.8 8.8#

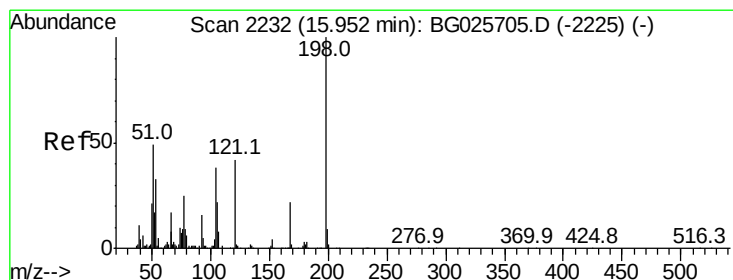
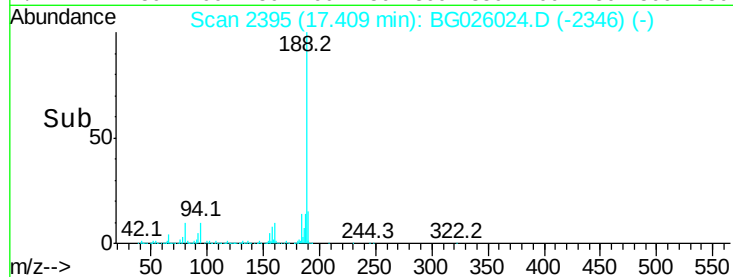
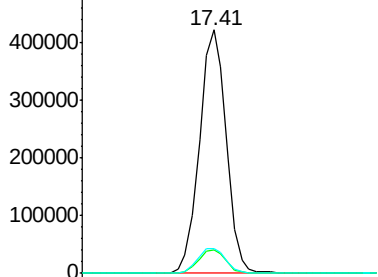
80 10.1 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 45.49 ng

RT: 15.79 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

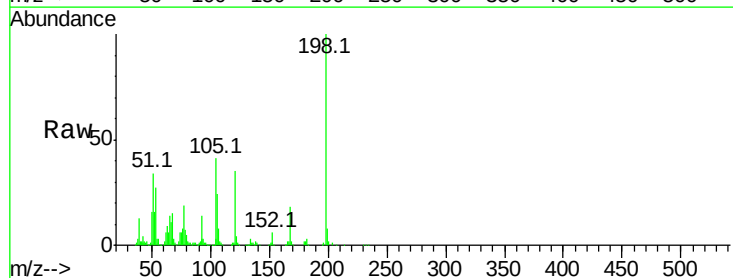
Tgt Ion:198 Resp: 173877

Ion Ratio Lower Upper

198 100

51 33.8 22.6 62.6

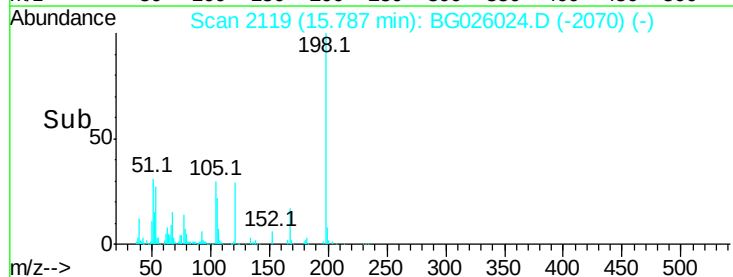
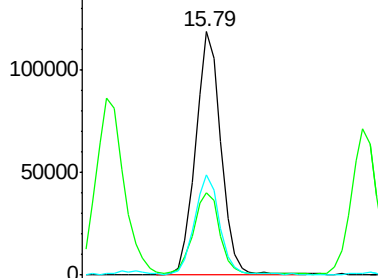
105 41.0 14.4 54.4

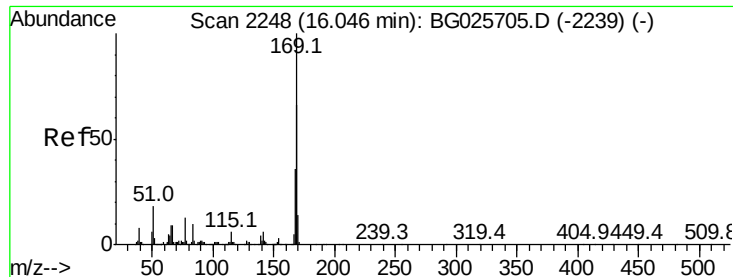


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 48.72 ng

RT: 15.92 min Scan# 2141

Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Instrument :

BNA_G

ClientSampleId :

PB97270BS

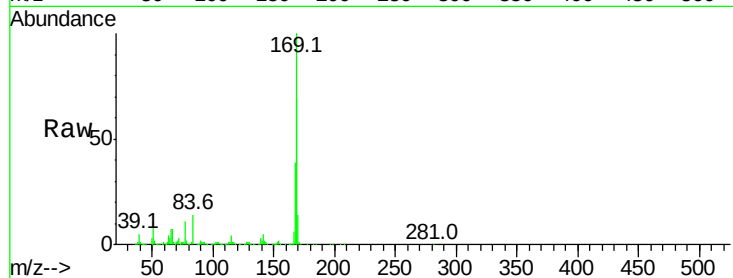
Tot Ion:169 Resp: 965010

Ion	Ratio	Lower	Upper
169	100		
168	68.7	55.7	83.5
167	38.7	29.8	44.6

169 100

168 68.7 55.7 83.5

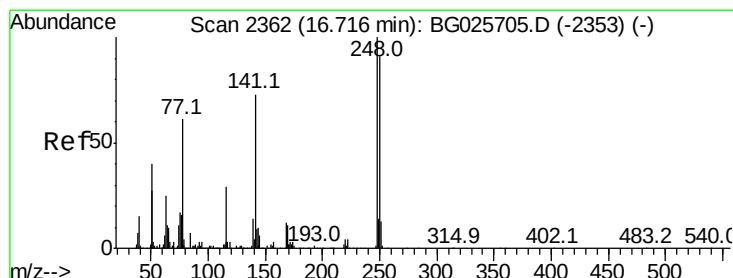
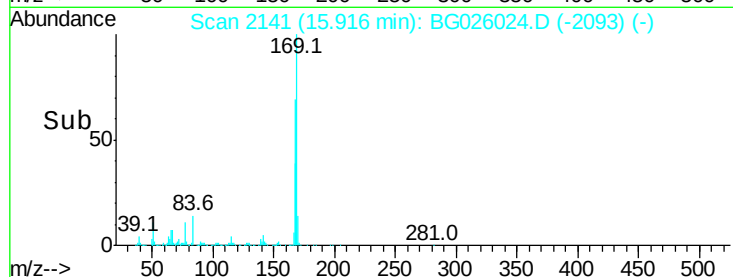
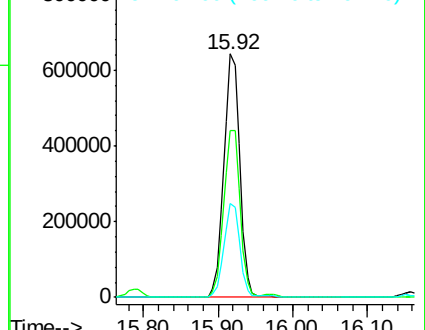
167 38.7 29.8 44.6



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: 49.52 ng

RT: 16.60 min Scan# 2257

Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

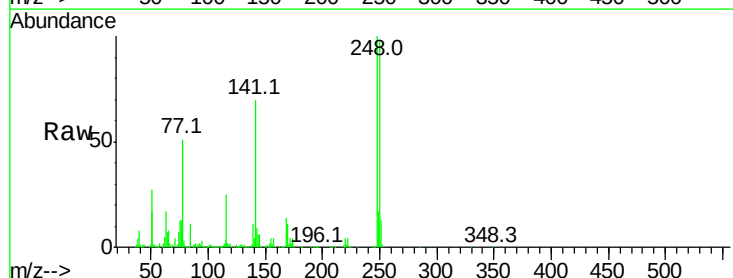
Tgt Ion:248 Resp: 338993

Ion	Ratio	Lower	Upper
248	100		
250	98.3	75.0	112.6
141	69.7	55.2	82.8

248 100

250 98.3 75.0 112.6

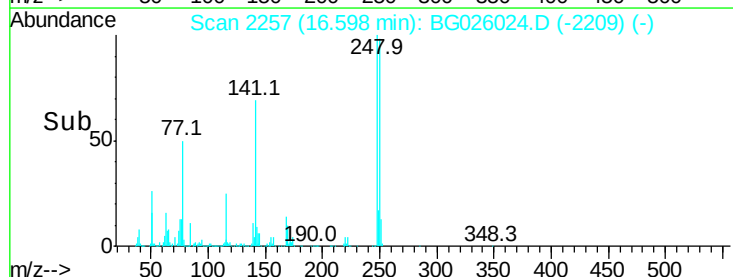
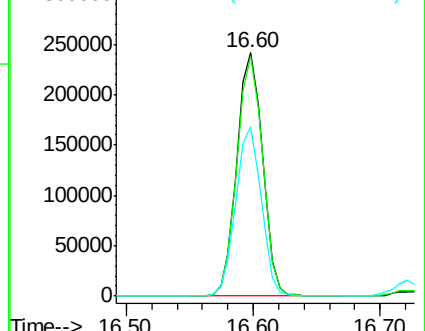
141 69.7 55.2 82.8

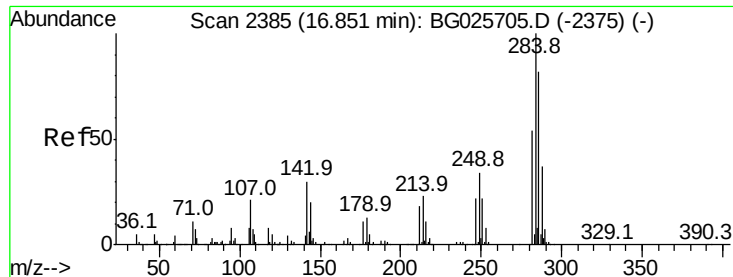


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 50.00 ng

RT: 16.72 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Instrument :

BNA_G

ClientSampleId :

PB97270BS

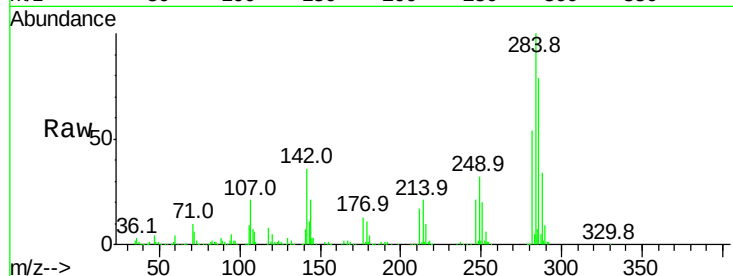
Tot Ion:284 Resp: 352745

Ion Ratio Lower Upper

284 100

142 35.9 29.9 44.9

249 32.4 29.2 43.8

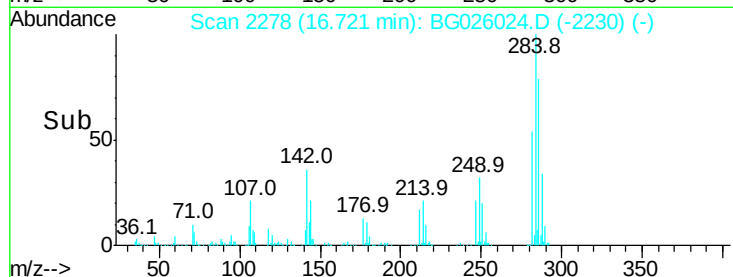


Abundance Ion 283.80 (283.50 to 284.50): E

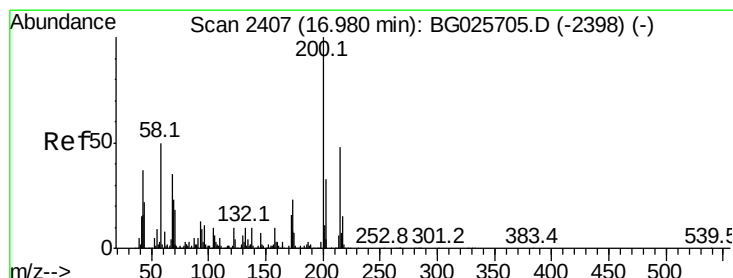
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

Time-->



Time-->



#68

Atrazine

Concen: 52.04 ng

RT: 16.86 min Scan# 2301

Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

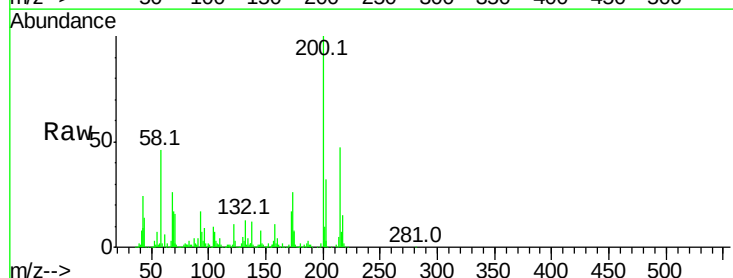
Tgt Ion:200 Resp: 364823

Ion Ratio Lower Upper

200 100

173 26.1 3.0 43.0

215 47.0 28.4 68.4

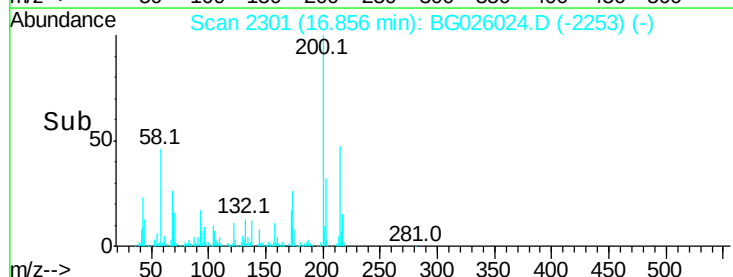


Abundance Ion 200.00 (199.70 to 200.70): E

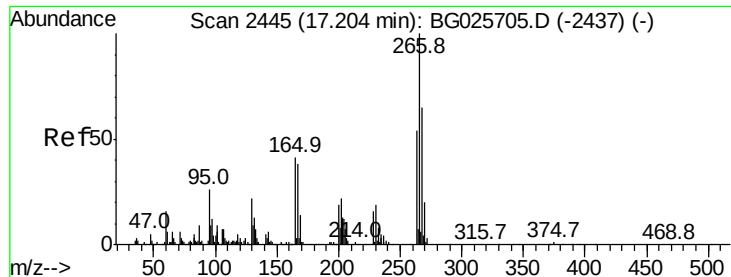
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

Time-->



Time-->



#69

Pentachlorophenol

Concen: 104.07 ng

RT: 17.06 min Scan# 2335

Delta R.T. -0.01 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Instrument :

BNA_G

ClientSampleId :

PB97270BS

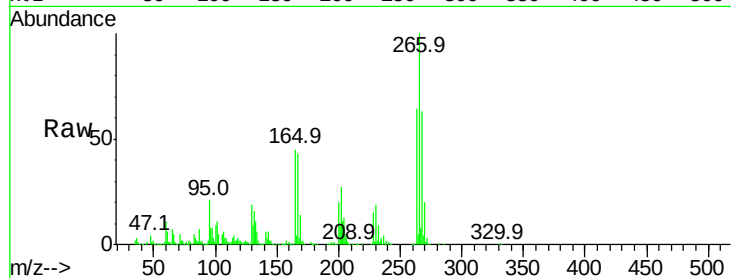
Tot Ion:266 Resp: 452923

Ion Ratio Lower Upper

266 100

268 62.9 48.6 72.8

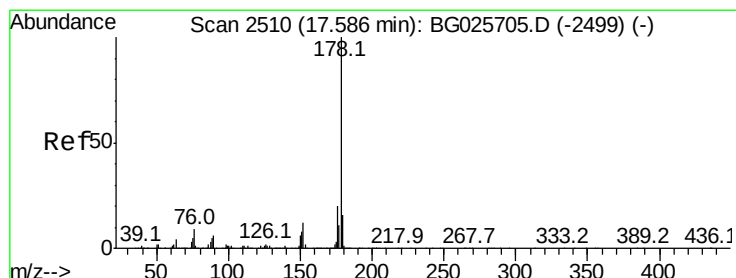
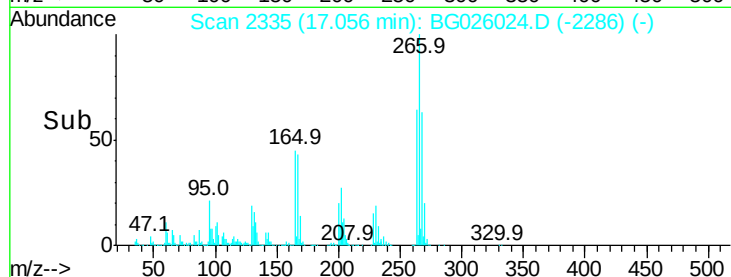
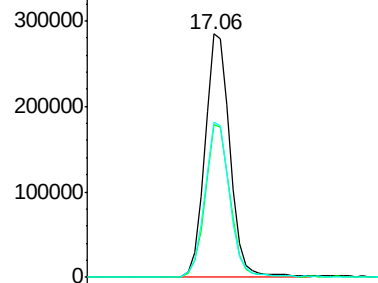
264 63.6 50.1 75.1



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 47.67 ng

RT: 17.45 min Scan# 2402

Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

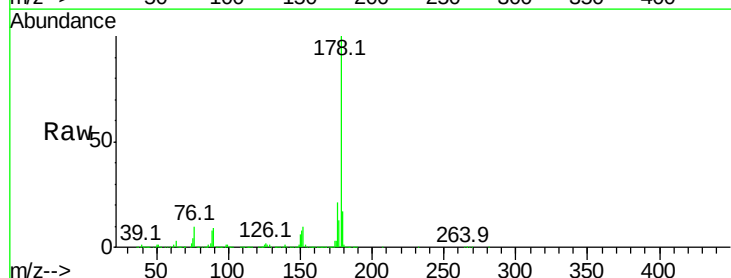
Tgt Ion:178 Resp: 1690101

Ion Ratio Lower Upper

178 100

176 20.7 17.7 26.5

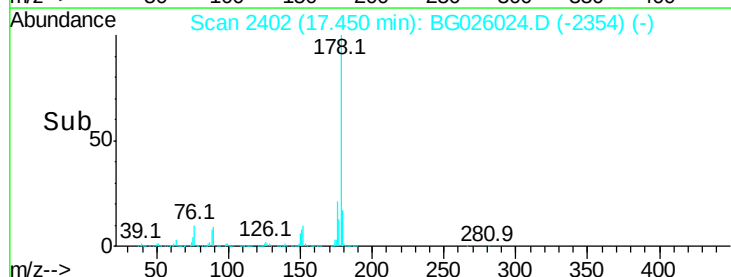
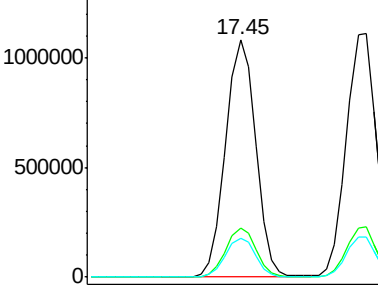
179 16.6 15.0 22.6

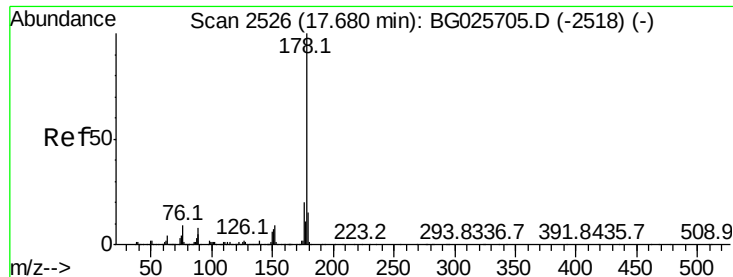


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 48.48 ng

RT: 17.54 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Instrument :

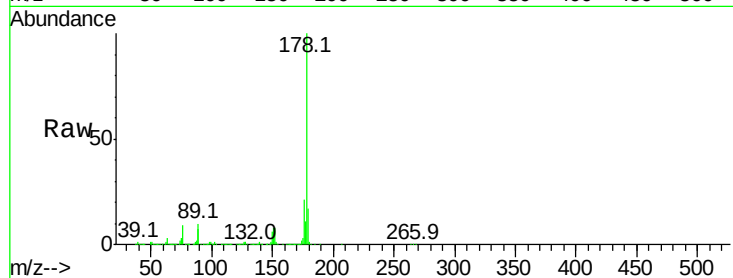
BNA_G

ClientSampleId :

PB97270BS

Tot Ion:178 Resp: 1752530

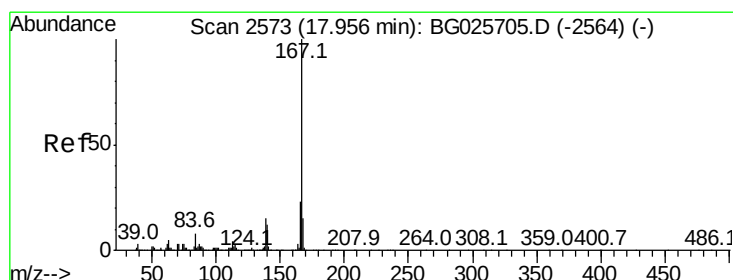
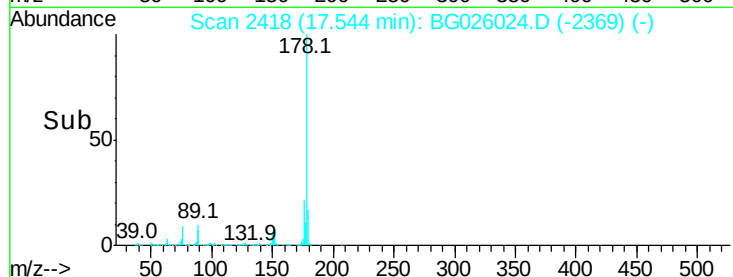
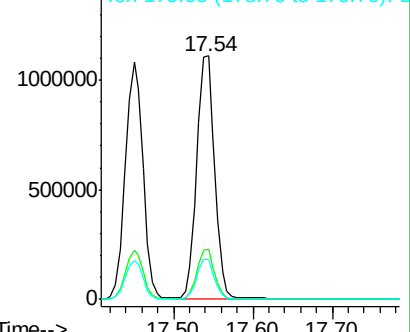
Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.4	24.6
179	16.6	13.8	20.8



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: 44.20 ng

RT: 17.80 min Scan# 2462

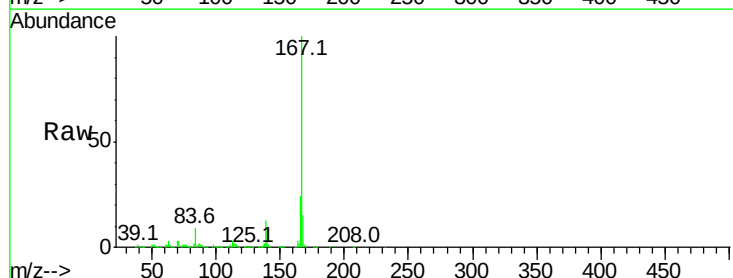
Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Tgt Ion:167 Resp: 1604866

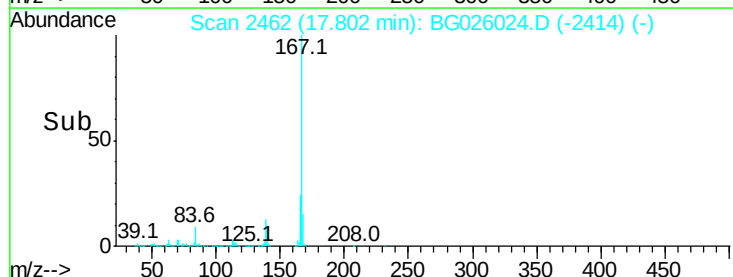
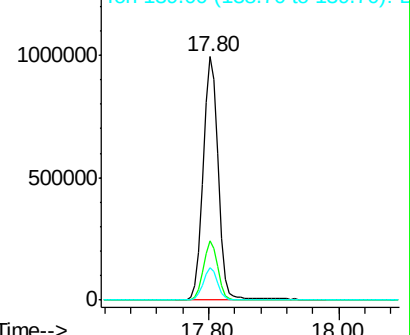
Ion	Ratio	Lower	Upper
167	100		
166	24.1	20.2	30.2
139	13.4	12.8	19.2

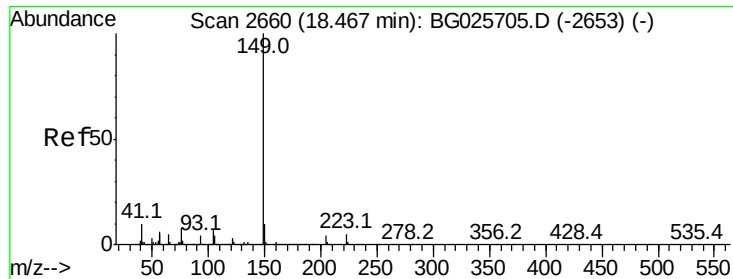


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 55.63 ng

RT: 18.36 min Scan# 2557

Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Instrument :

BNA_G

ClientSampleId :

PB97270BS

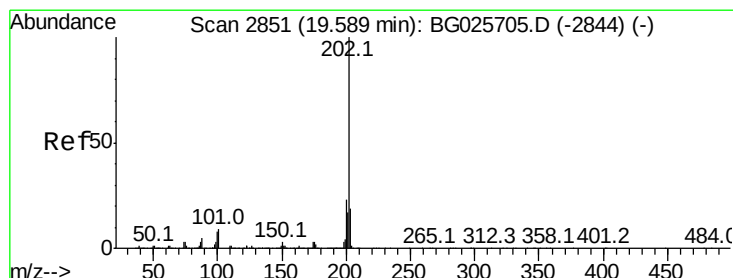
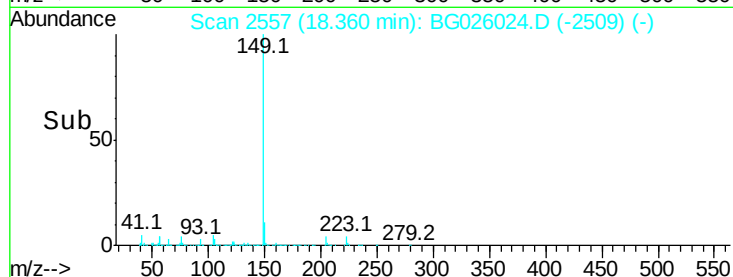
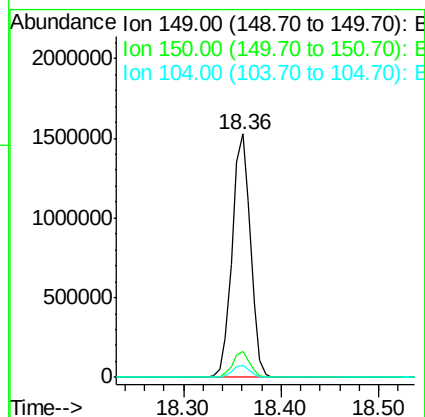
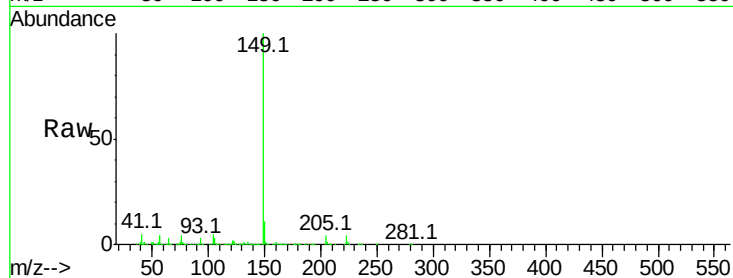
Tot Ion:149 Resp: 1982867

Ion Ratio Lower Upper

149 100

150 10.5 9.1 13.7

104 4.8 6.7 10.1#



#74

Fluoranthene

Concen: 49.82 ng

RT: 19.45 min Scan# 2742

Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

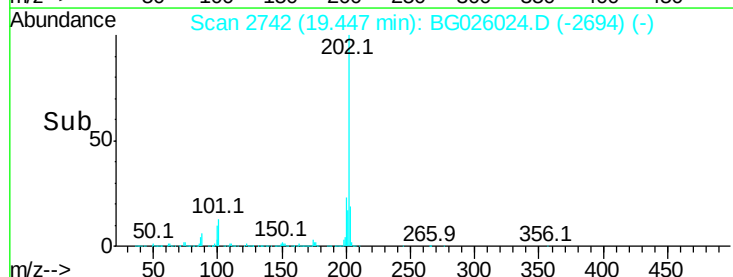
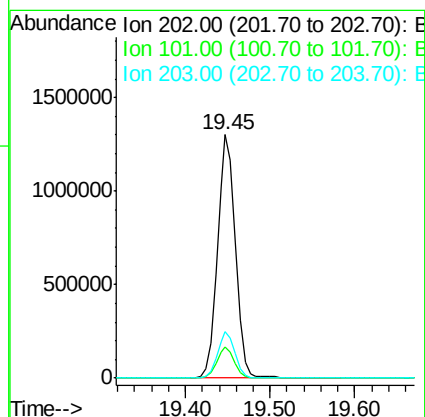
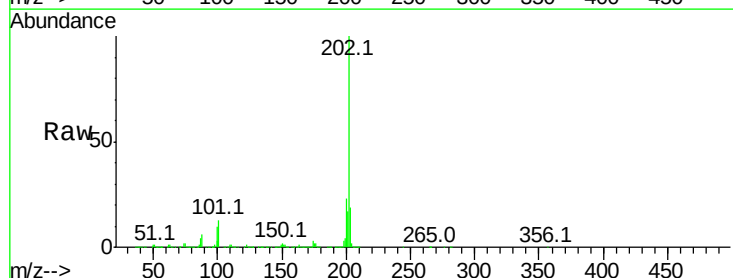
Tgt Ion:202 Resp: 1944878

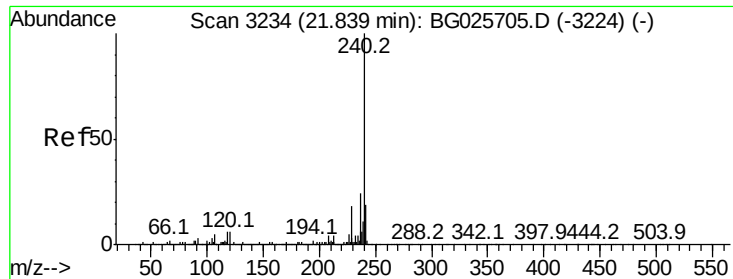
Ion Ratio Lower Upper

202 100

101 12.8 0.0 30.1

203 19.2 1.3 41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.66 min Scan# 3118

Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Instrument :

BNA_G

ClientSampleId :

PB97270BS

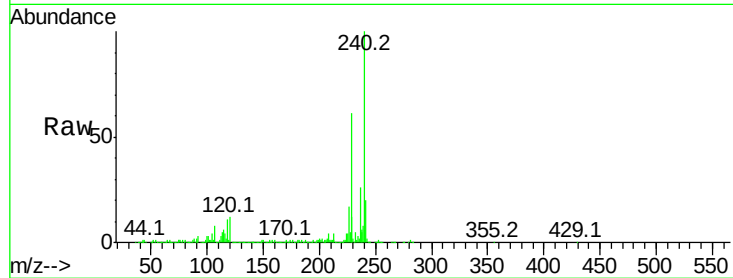
Tot Ion:240 Resp: 656391

Ion Ratio Lower Upper

240 100

120 12.4 5.7 8.5#

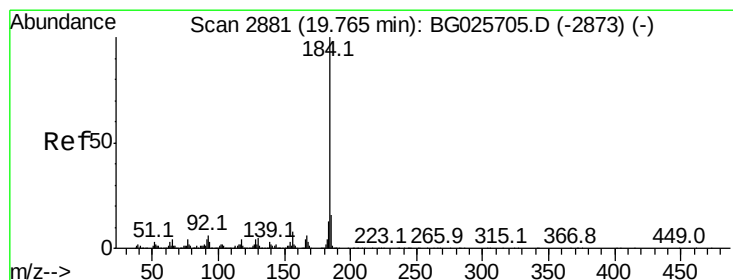
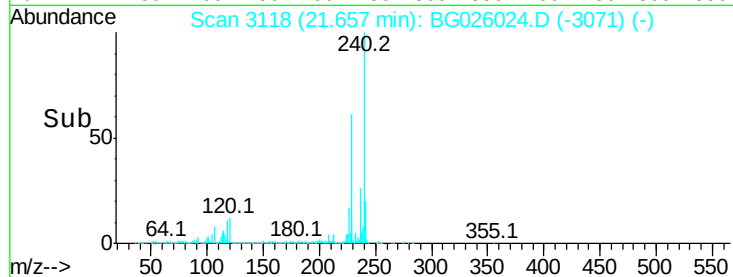
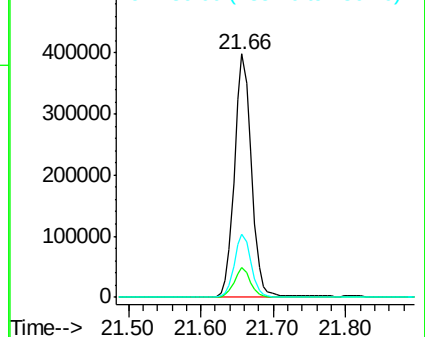
236 25.9 22.2 33.4



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: 27.81 ng

RT: 19.62 min Scan# 2771

Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

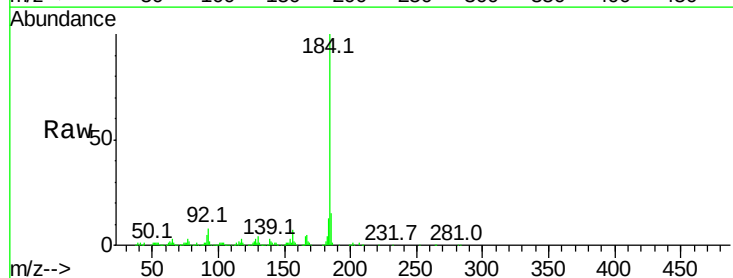
Tgt Ion:184 Resp: 576222

Ion Ratio Lower Upper

184 100

185 14.7 13.0 19.6

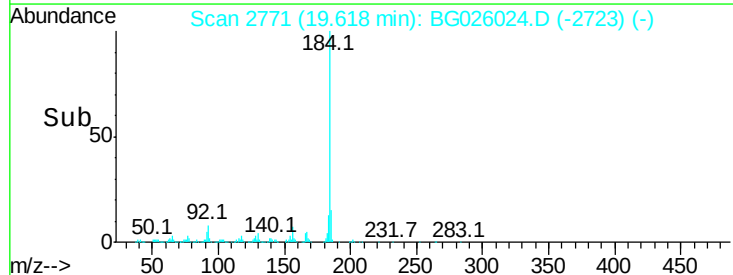
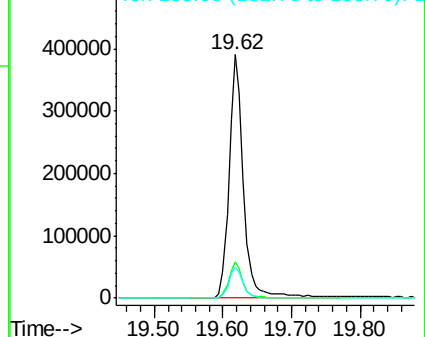
183 12.6 11.0 16.6

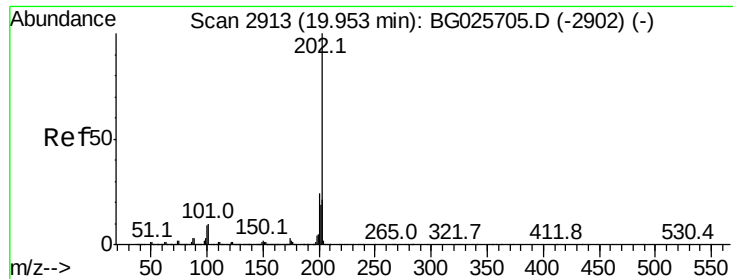


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

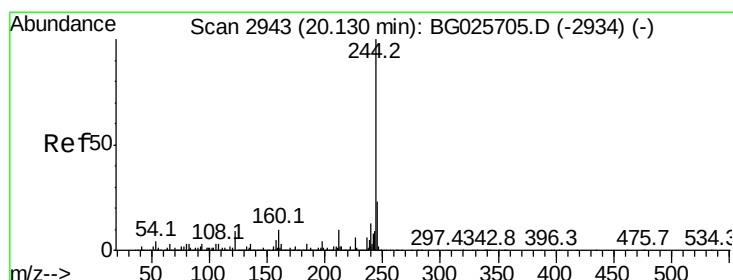
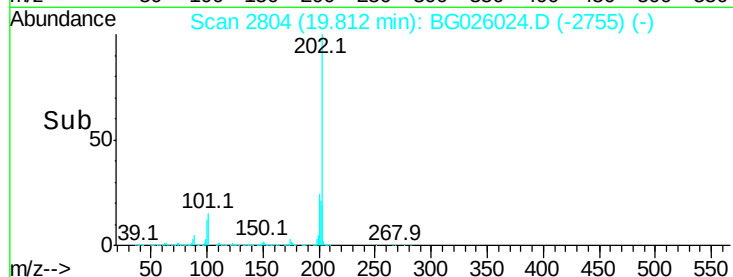
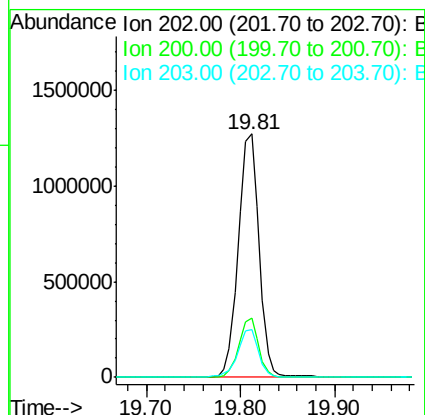
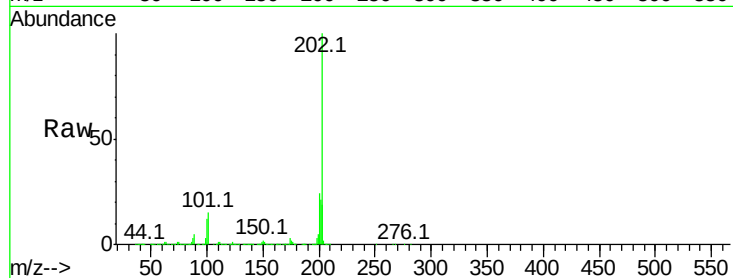




#77
Pvrene
Concen: 47.08 ng
RT: 19.81 min Scan# 2804
Delta R.T. -0.01 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

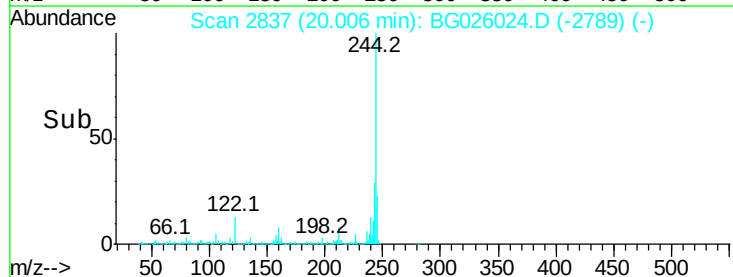
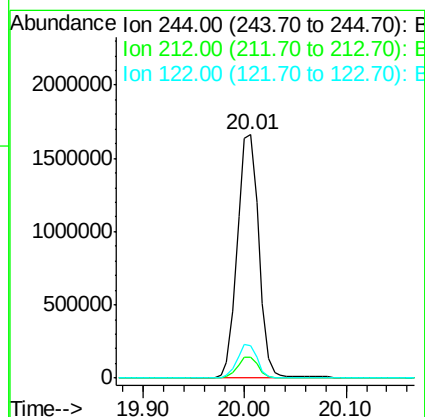
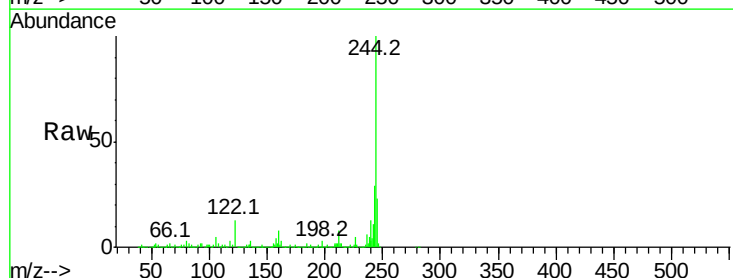
Instrument :
BNA_G
ClientSampleId :
PB97270BS

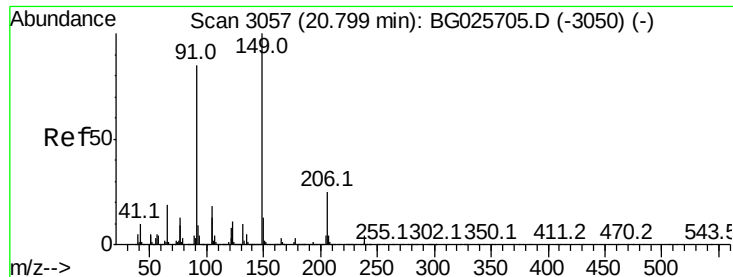
Tot Ion:202 Resp: 1954516
Ion Ratio Lower Upper
202 100
200 24.4 19.6 29.4
203 19.4 15.8 23.8



#78
Terphenyl-d14
Concen: 91.27 ng
RT: 20.01 min Scan# 2837
Delta R.T. -0.02 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Tgt Ion:244 Resp: 2463290
Ion Ratio Lower Upper
244 100
212 8.5 10.0 15.0#
122 13.1 8.6 12.8#





#79

Butylbenzylphthalate

Concen: 57.90 ng

RT: 20.69 min Scan# 2953

Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

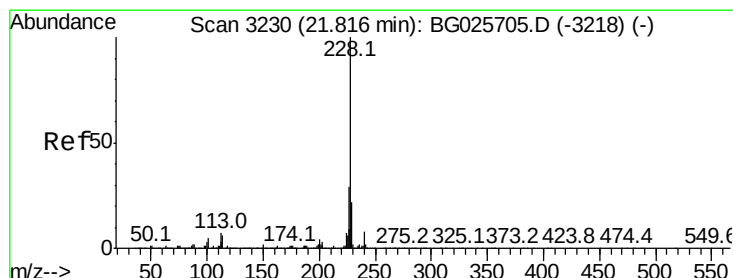
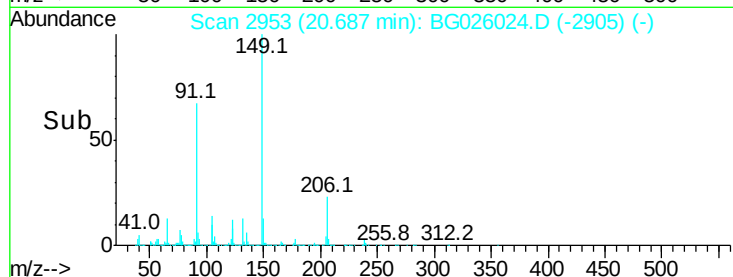
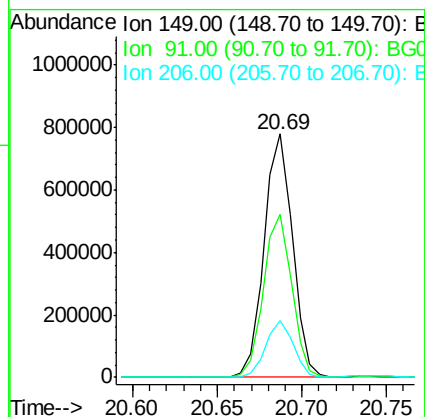
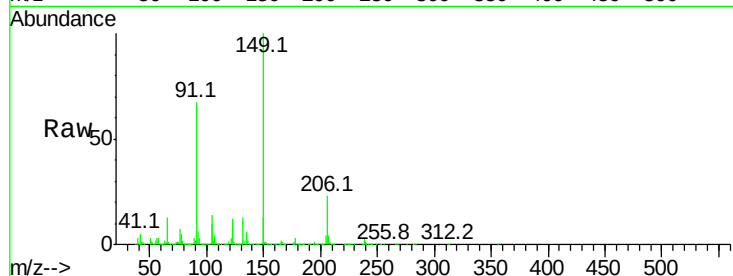
Instrument :

BNA_G

ClientSampleId :

PB97270BS

Tot Ion:	149	Resp:	912117
Ion	Ratio	Lower	Upper
149	100		
91	67.0	63.5	95.3
206	23.2	21.0	31.6



#80

Benzo(a)anthracene

Concen: 46.75 ng

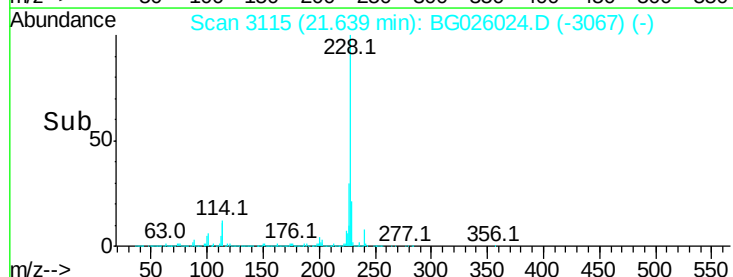
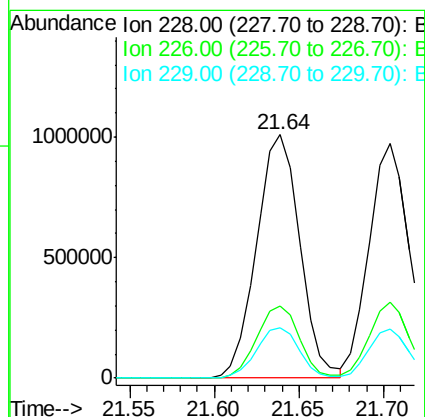
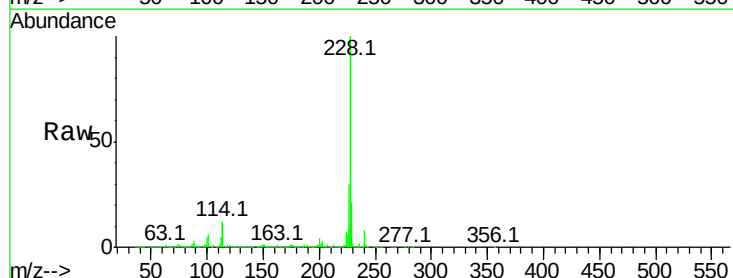
RT: 21.64 min Scan# 3115

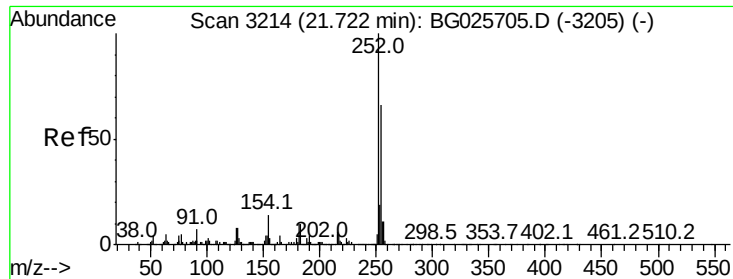
Delta R.T. -0.02 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Tgt Ion:	228	Resp:	1791828
Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.9	37.3
229	20.7	18.2	27.2

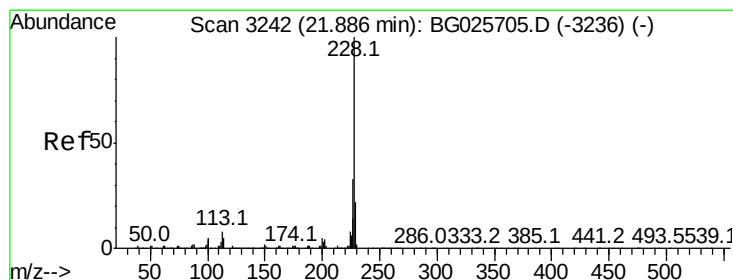
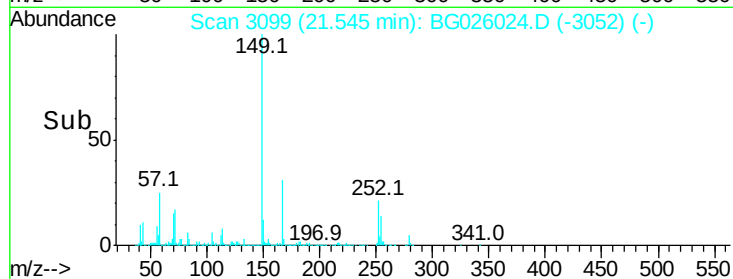
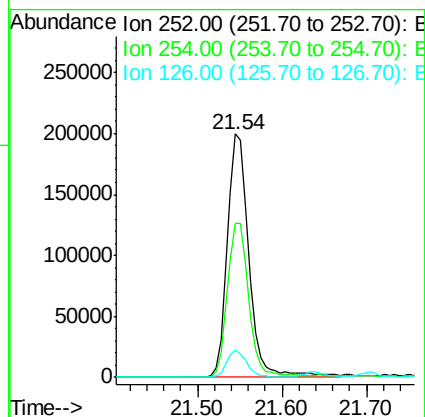
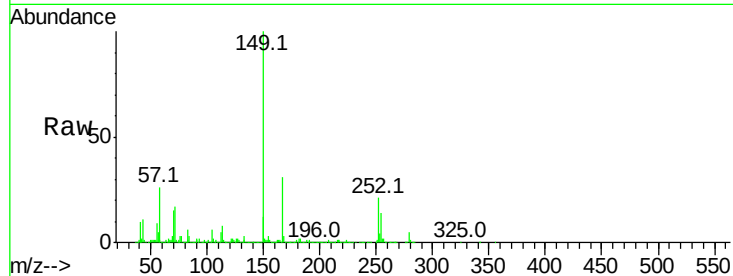




#81
 3,3'-Dichlorobenzidine
 Concen: 25.73 ng
 RT: 21.54 min Scan# 3099
 Delta R.T. -0.02 min
 Lab File: BG026024.D
 Acq: 2 Mar 2017 11:22

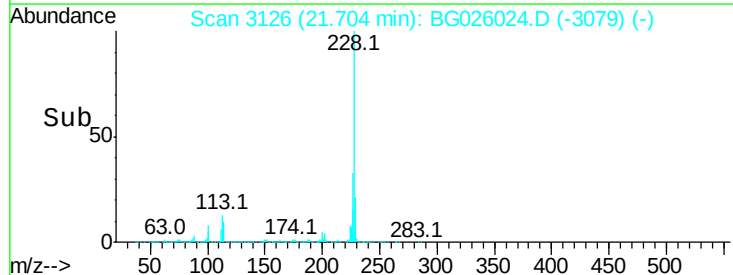
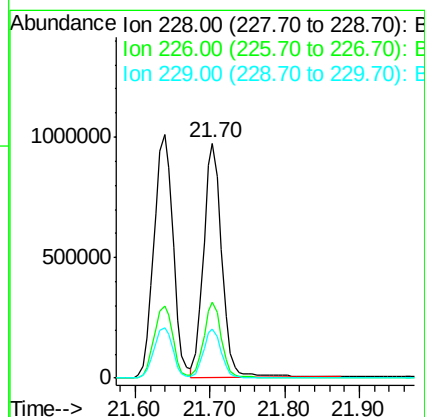
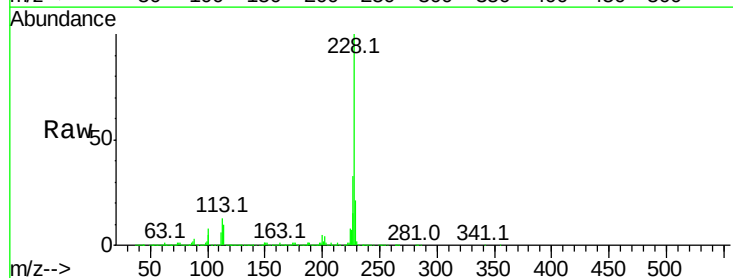
Instrument :
 BNA_G
 ClientSampleId :
 PB97270BS

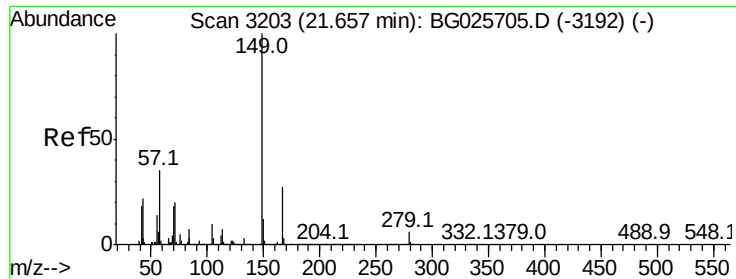
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.3	53.1	79.7
126	11.3	7.0	10.4



#82
 Chrysene
 Concen: 45.07 ng
 RT: 21.70 min Scan# 3126
 Delta R.T. -0.02 min
 Lab File: BG026024.D
 Acq: 2 Mar 2017 11:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	27.0	40.4
229	21.1	17.8	26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 59.63 ng

RT: 21.54 min Scan# 3098

Delta R.T. -0.03 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Instrument :

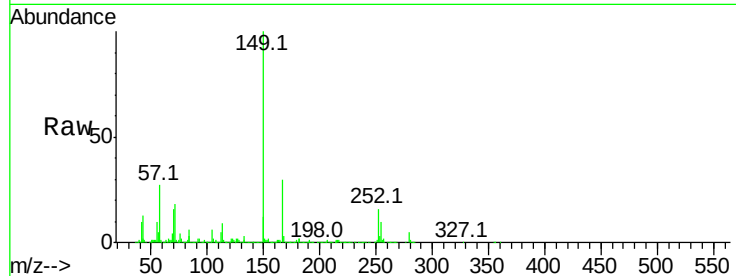
BNA_G

ClientSampleId :

PB97270BS

Tot Ion:149 Resp: 1356390

Ion	Ratio	Lower	Upper
149	100		
167	29.7	23.7	35.5
279	4.6	4.6	6.8

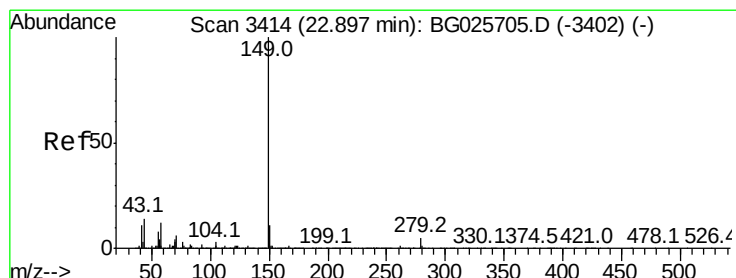
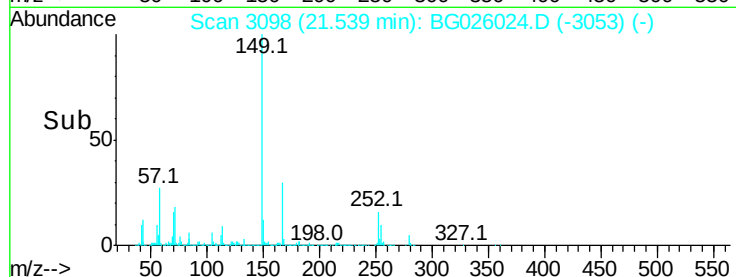
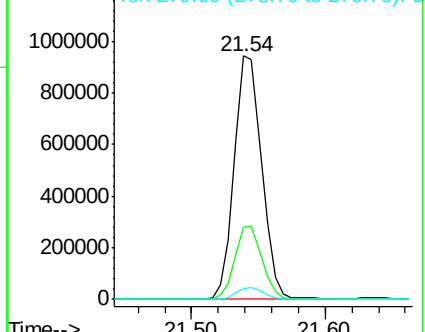


Abundance

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: 60.87 ng

RT: 22.74 min Scan# 3303

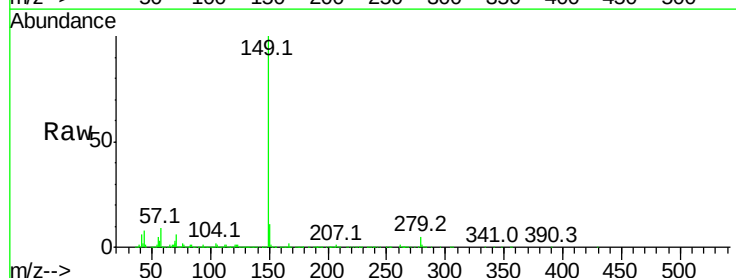
Delta R.T. -0.04 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Tgt Ion:149 Resp: 2286752

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	7.1	11.8	17.6#

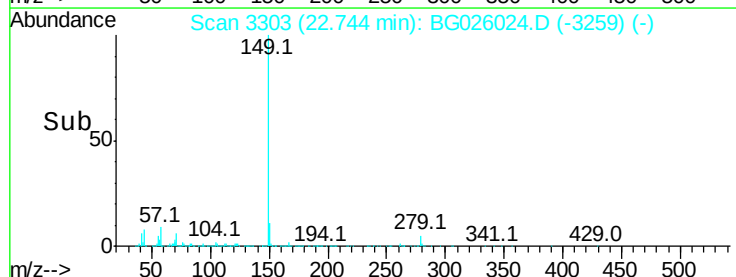
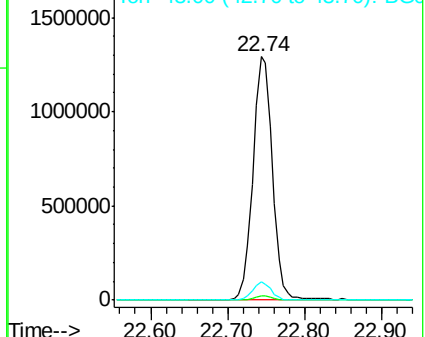


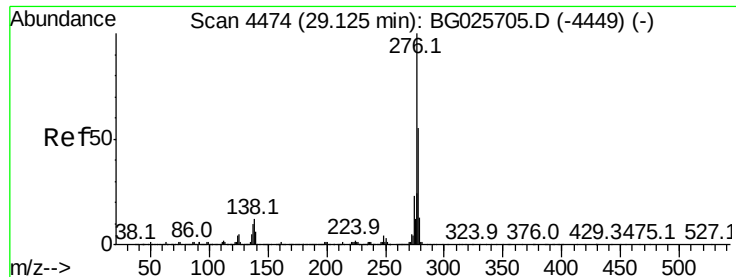
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.05 ng

RT: 28.51 min Scan# 4284

Delta R.T. -0.04 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Instrument :

BNA_G

ClientSampleId :

PB97270BS

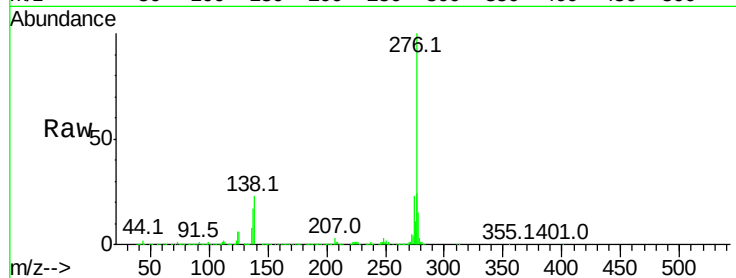
Tot Ion:276 Resp: 1825404

Ion Ratio Lower Upper

276 100

138 26.8 4.7 7.1#

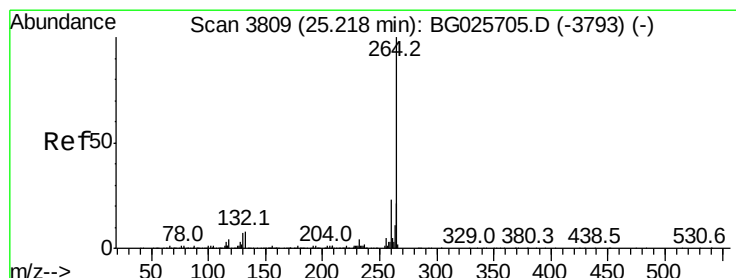
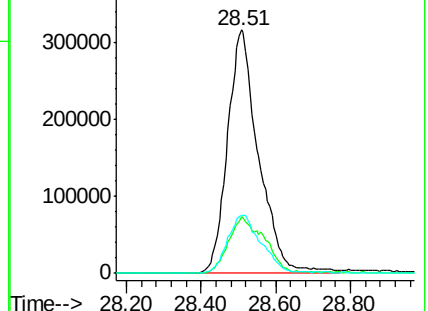
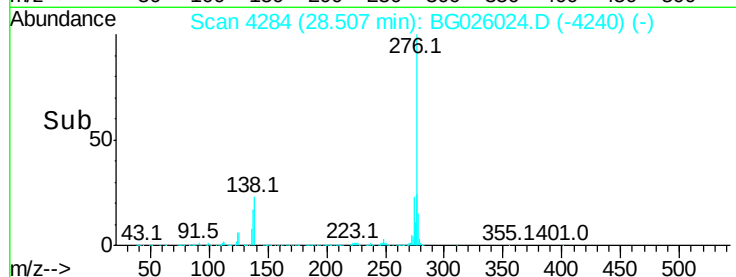
277 26.0 20.6 31.0



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: 24.85 min Scan# 3662

Delta R.T. -0.03 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

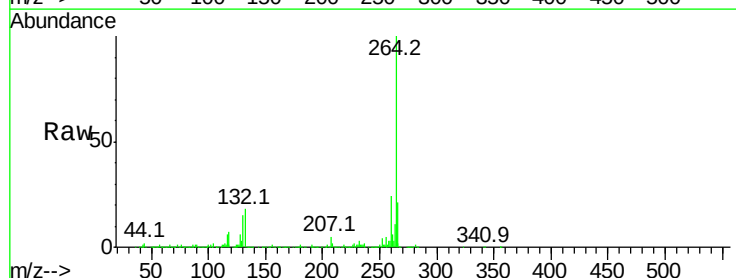
Tgt Ion:264 Resp: 614621

Ion Ratio Lower Upper

264 100

260 24.1 21.8 32.8

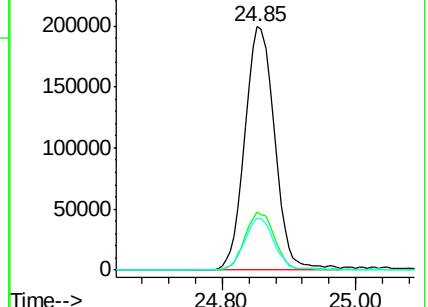
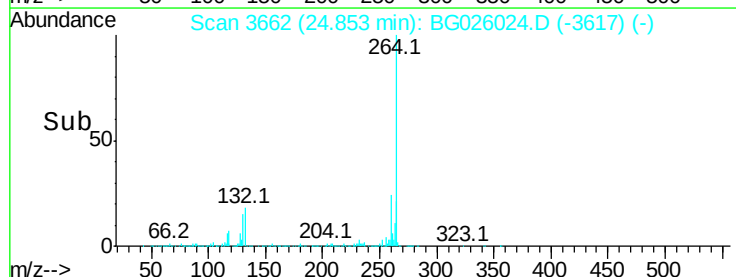
265 21.0 18.2 27.4

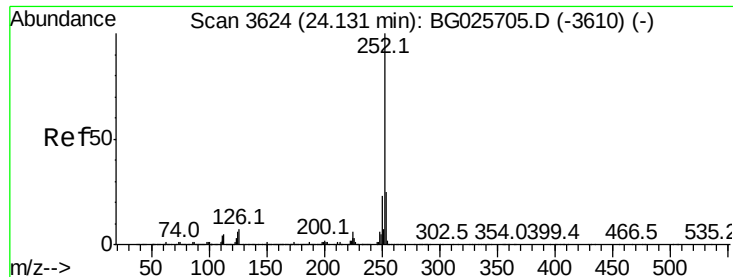


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

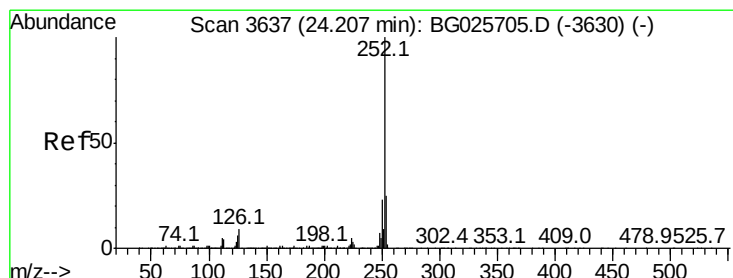
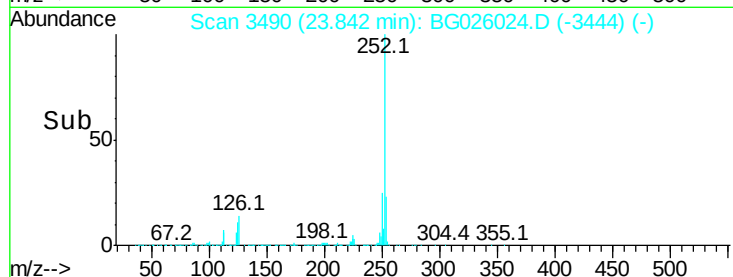
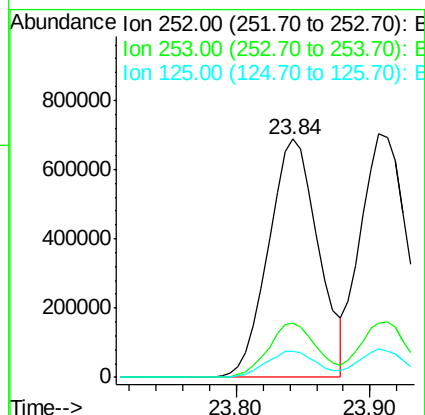
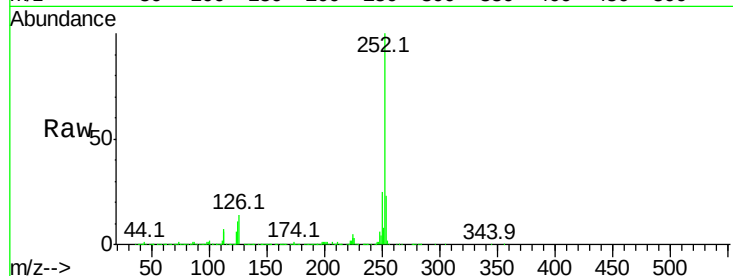




#87
Benzo(b)fluoranthene
Concen: 48.42 ng
RT: 23.84 min Scan# 3490
Delta R.T. -0.03 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

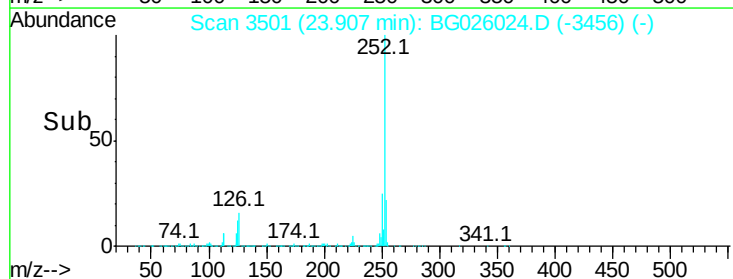
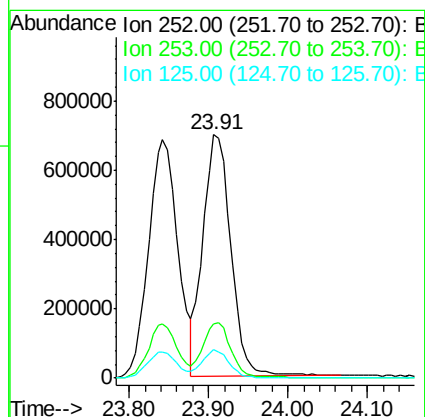
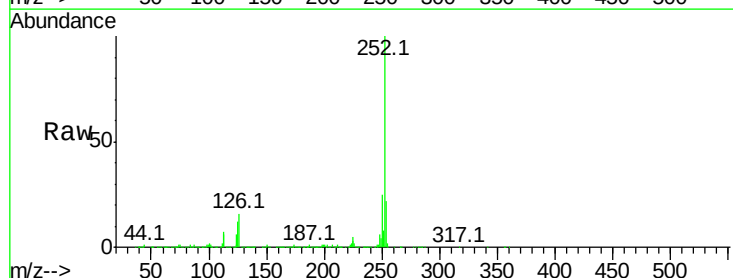
Instrument :
BNA_G
ClientSampleId :
PB97270BS

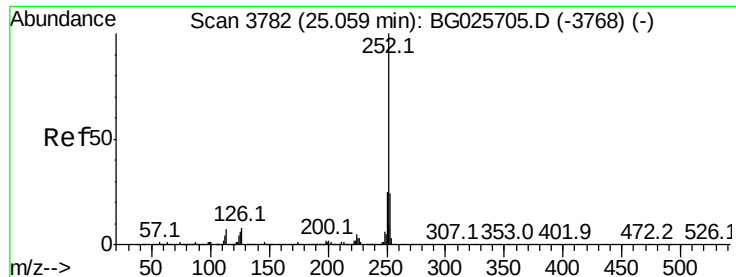
Tot Ion:252 Resp: 1782498
Ion Ratio Lower Upper
252 100
253 22.9 18.7 28.1
125 11.1 5.3 7.9#



#88
Benzo(k)fluoranthene
Concen: 48.02 ng
RT: 23.91 min Scan# 3501
Delta R.T. -0.03 min
Lab File: BG026024.D
Acq: 2 Mar 2017 11:22

Tgt Ion:252 Resp: 1724785
Ion Ratio Lower Upper
252 100
253 22.3 20.2 30.2
125 11.6 5.1 7.7#





#89

Benzo(a)pyrene

Concen: 47.61 ng

RT: 24.71 min Scan# 3637

Delta R.T. -0.03 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Instrument :

BNA_G

ClientSampleId :

PB97270BS

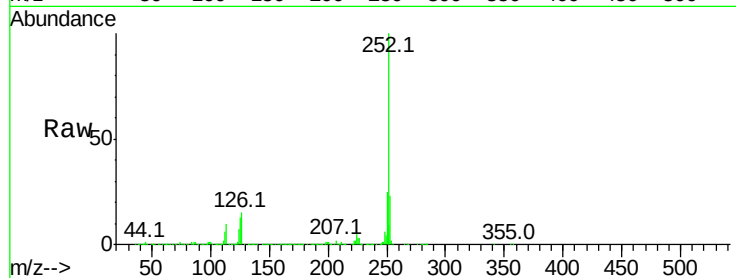
Tot Ion:252 Resp: 1659542

Ion Ratio Lower Upper

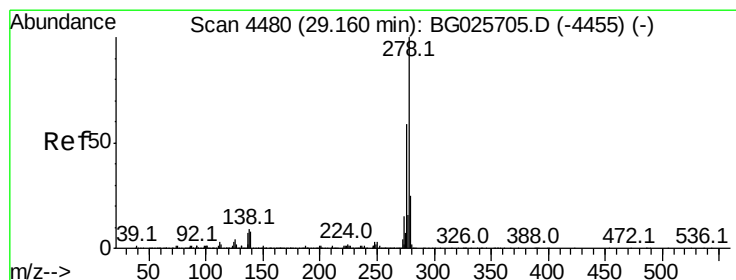
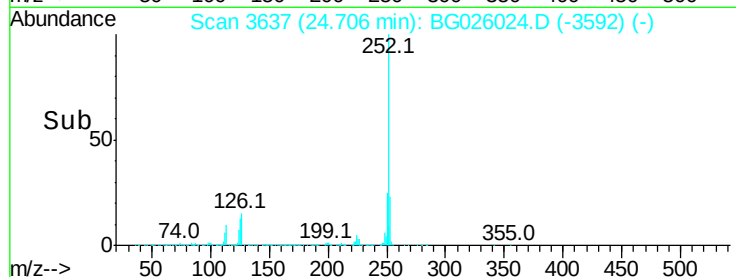
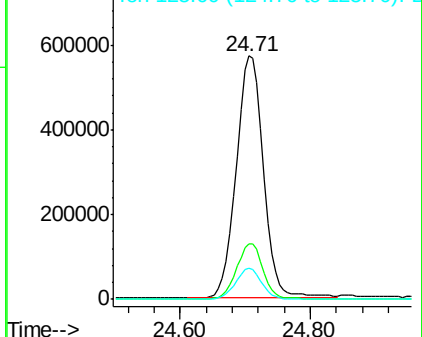
252 100

253 22.5 19.2 28.8

125 12.9 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: 42.12 ng

RT: 28.57 min Scan# 4295

Delta R.T. -0.04 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

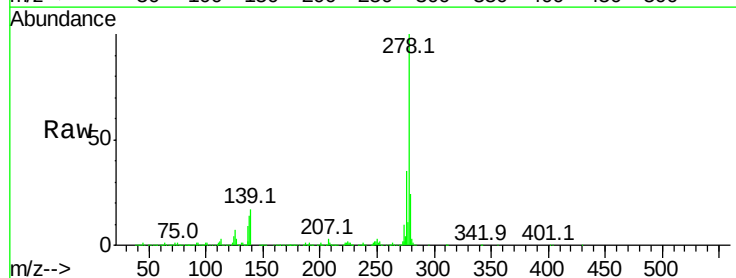
Tgt Ion:278 Resp: 1474771

Ion Ratio Lower Upper

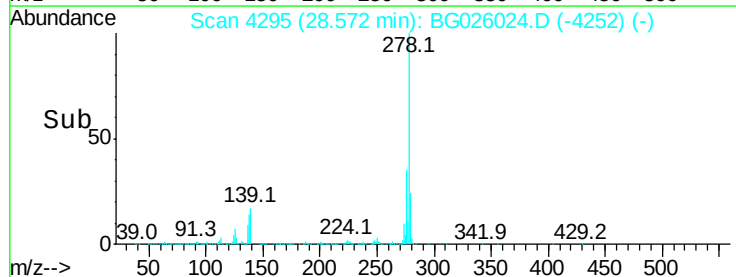
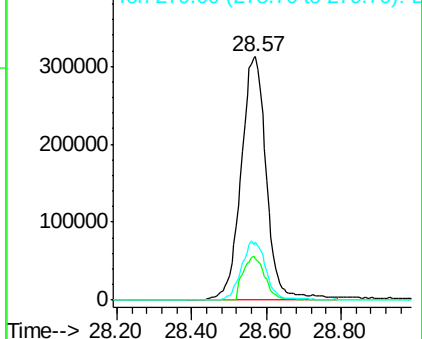
278 100

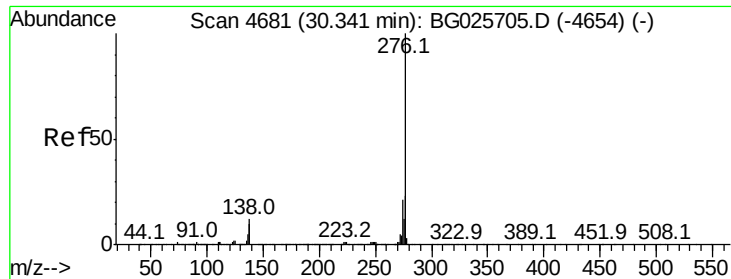
139 17.0 7.7 11.5#

279 23.7 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 43.99 ng

RT: 29.65 min Scan# 4479

Delta R.T. -0.04 min

Lab File: BG026024.D

Acq: 2 Mar 2017 11:22

Instrument :

BNA_G

ClientSampleId :

PB97270BS

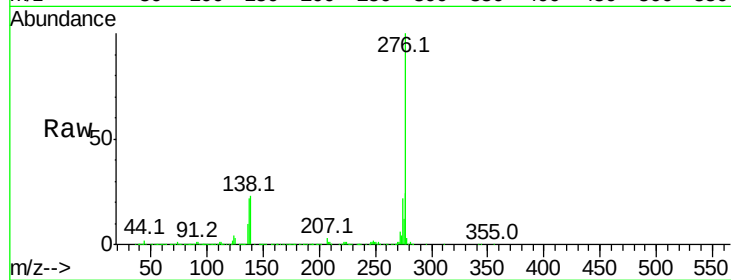
Tot Ion:276 Resp: 1544540

Ion Ratio Lower Upper

276 100

277 24.2 18.6 27.8

138 23.5 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

