

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041217\
 Data File : BG026638.D
 Acq On : 12 Apr 2017 16:35
 Operator : SJ/MA
 Sample : PB98209BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB98209BS

Quant Time: Apr 13 01:52:53 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	148506	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	604951	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	383199	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	1018069	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	1209249	20.00	ng	-0.02
86) Perylene-d12	24.79	264	1223562	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	1122987	134.22	ng	0.00
7) Phenol-d6	7.19	99	1444516	128.60	ng	-0.02
23) Nitrobenzene-d5	9.19	82	746614	74.21	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	706463	160.99	ng	-0.02
44) 2-Fluorobiphenyl	13.27	172	2132775	78.05	ng	-0.02
78) Terphenyl-d14	19.97	244	3429922	68.88	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.48	88	126298	33.63	ng	# 69
3) Pyridine	3.88	79	309869	30.13	ng	# 62
4) n-Nitrosodimethylamine	3.80	42	111623	39.71	ng	# 1
6) Aniline	7.36	93	325415	21.69	ng	# 84
8) 2-Chlorophenol	7.60	128	432380	45.89	ng	# 78
9) Benzaldehyde	7.16	77	106444	14.04	ng	# 67
10) Phenol	7.22	94	527624	44.02	ng	# 70
11) bis(2-Chloroethyl)ether	7.44	93	383084	38.97	ng	# 78
12) 1,3-Dichlorobenzene	7.92	146	472727	42.15	ng	# 84
13) 1,4-Dichlorobenzene	8.07	146	473526	41.74	ng	# 93
14) 1,2-Dichlorobenzene	8.38	146	451440	41.58	ng	# 91
15) Benzyl Alcohol	8.27	79	276775	37.58	ng	# 74
16) 2,2'-oxybis(1-Chloropropan	8.56	45	357967	32.79	ng	# 81
17) 2-Methylphenol	8.47	107	369902	43.45	ng	# 81
18) Hexachloroethane	9.11	117	148632	40.06	ng	# 95
19) n-Nitroso-di-n-propylamine	8.83	70	262891	36.41	ng	# 71
20) 3+4-Methylphenols	8.80	107	509493	43.47	ng	# 86
22) Acetophenone	8.85	105	577686	41.53	ng	# 73
24) Nitrobenzene	9.23	77	394929	39.76	ng	# 70
25) Isophorone	9.75	82	758932	40.02	ng	# 91
26) 2-Nitrophenol	9.94	139	240355	46.50	ng	# 61
27) 2,4-Dimethylphenol	10.00	122	414924	48.90	ng	# 85
28) bis(2-Chloroethoxy)methane	10.23	93	504772	40.98	ng	# 98
29) 2,4-Dichlorophenol	10.48	162	439059	51.17	ng	# 92
30) 1,2,4-Trichlorobenzene	10.69	180	443556	46.02	ng	# 97
31) Naphthalene	10.88	128	1278953	41.81	ng	# 99
32) Benzoic acid	10.13	122	224411	34.37	ng	# 71
33) 4-Chloroaniline	11.01	127	51616	4.15	ng	# 75
34) Hexachlorobutadiene	11.17	225	251476	44.22	ng	# 98
35) Caprolactam	11.75	113	175780m	51.99	ng	# 91
36) 4-Chloro-3-methylphenol	12.11	107	446523	48.65	ng	# 75
37) 2-Methylnaphthalene	12.48	142	1004297	44.83	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	475471	41.24	ng	# 98
40) Hexachlorocyclopentadiene	12.83	237	549617	90.56	ng	# 96

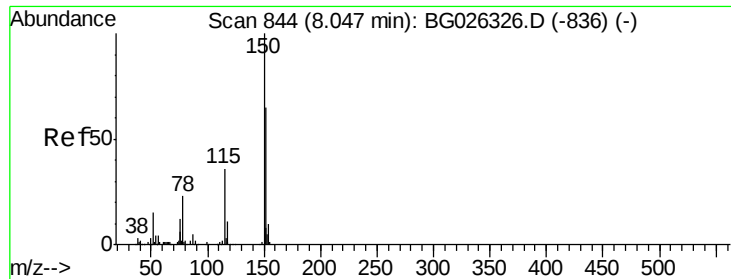
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	362088	47.97	nq	98
43) 2,4,5-Trichlorophenol	13.16	196	396886	47.56	nq #	90
45) 1,1'-Biphenyl	13.48	154	1303459	41.07	nq	96
46) 2-Chloronaphthalene	13.52	162	987713	42.61	nq	97
47) 2-Nitroaniline	13.72	65	271731	41.23	nq #	49
48) Acenaphthylene	14.37	152	1673779	41.43	nq	98
49) Dimethylphthalate	14.09	163	1378481	47.66	nq	99
50) 2,6-Dinitrotoluene	14.21	165	327253	48.48	nq #	56
51) Acenaphthene	14.71	154	1047667	42.11	nq	99
52) 3-Nitroaniline	14.54	138	131289	17.66	nq #	65
53) 2,4-Dinitrophenol	14.75	184	409361	104.54	nq #	75
54) Dibenzofuran	15.04	168	1640108	46.82	nq #	89
55) 4-Nitrophenol	14.85	139	606916	99.71	nq #	39
56) 2,4-Dinitrotoluene	15.00	165	485187	51.10	nq #	67
57) Fluorene	15.68	166	1394896	44.74	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.26	232	389279	53.49	nq #	95
59) Diethylphthalate	15.45	149	1411550	47.75	nq	97
60) 4-Chlorophenyl-phenylether	15.67	204	684811	46.35	nq	89
61) 4-Nitroaniline	15.70	138	373543	47.51	nq #	52
62) Azobenzene	15.96	77	1084211	45.11	nq	77
64) 4,6-Dinitro-2-methylphenol	15.76	198	312219	48.64	nq	84
65) n-Nitrosodiphenylamine	15.89	169	1268838	42.47	nq	97
66) 4-Bromophenyl-phenylether	16.56	248	477438	45.56	nq	94
67) Hexachlorobenzene	16.69	284	514148	46.00	nq	90
68) Atrazine	16.83	200	487037	43.06	nq	97
69) Pentachlorophenol	17.03	266	629107	86.56	nq	95
70) Phenanthrene	17.42	178	2276898	41.65	nq	99
71) Anthracene	17.50	178	2372566	42.54	nq	98
72) Carbazole	17.77	167	2327492	40.53	nq	97
73) Di-n-butylphthalate	18.32	149	2562192	43.42	nq #	95
74) Fluoranthene	19.42	202	2773236	43.14	nq	98
76) Benzidine	19.61	184	87488	2.10	nq #	94
77) Pyrene	19.78	202	2846348	40.65	nq	97
79) Butylbenzylphthalate	20.65	149	1232103	43.98	nq #	83
80) Benzo(a)anthracene	21.60	228	2829638	41.58	nq	98
81) 3,3'-Dichlorobenzidine	21.51	252	800429	28.73	nq #	98
82) Chrysene	21.67	228	2629181	40.44	nq	98
83) Bis(2-ethylhexyl)phthalate	21.50	149	1769306	41.81	nq	95
84) Di-n-octyl phthalate	22.69	149	2997125	41.50	nq #	81
85) Indeno(1,2,3-cd)pyrene	28.41	276	3708127	46.19	nq #	88
87) Benzo(b)fluoranthene	23.79	252	3081772	42.73	nq #	96
88) Benzo(k)fluoranthene	23.85	252	2999746	42.89	nq #	97
89) Benzo(a)pyrene	24.65	252	3011439	43.53	nq #	97
90) Dibenzo(a,h)anthracene	28.47	278	3105798	44.42	nq #	94
91) Benzo(g,h,i)perylene	29.54	276	3075596	43.66	nq #	89

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

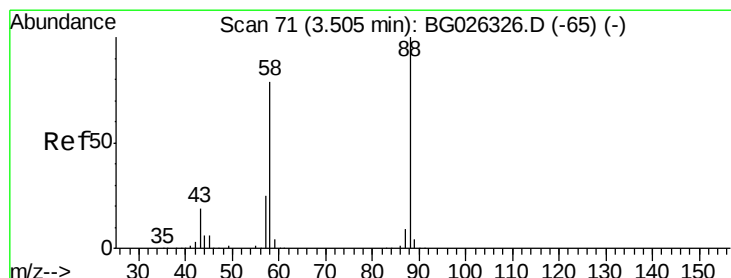
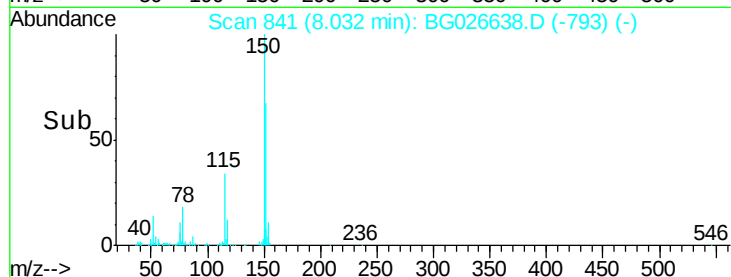
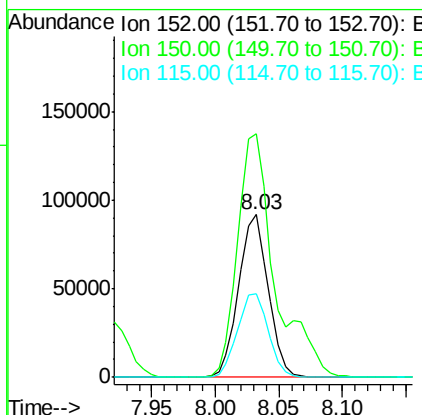
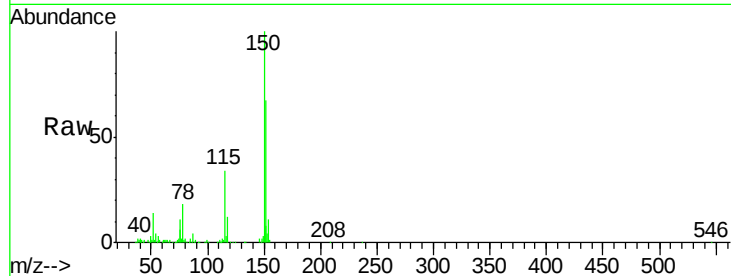


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG026638.D
Acq: 12 Apr 2017 16:35

Instrument :
BNA_G
ClientSampleId :
PB98209BS

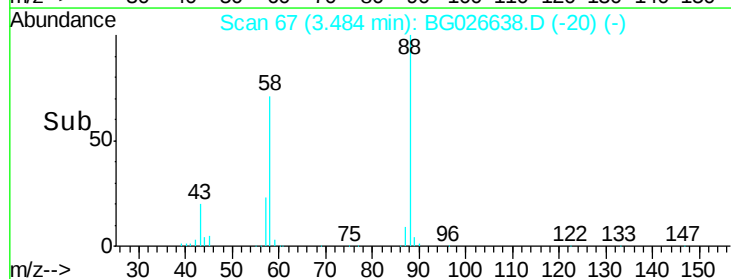
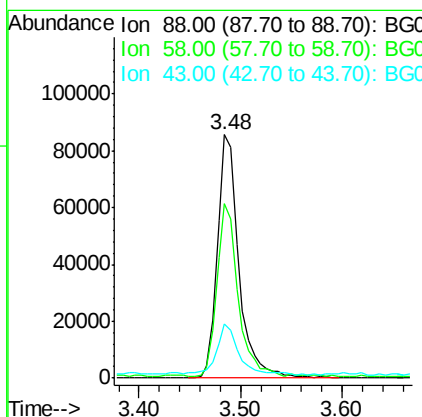
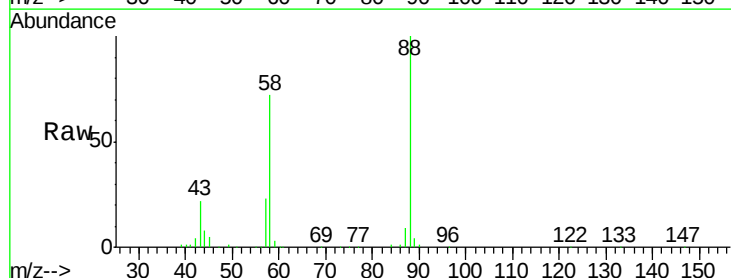
Tot Ion	Ratio	Lower	Upper
152	100		
150	149.5	114.0	171.0
115	51.2	48.1	72.1

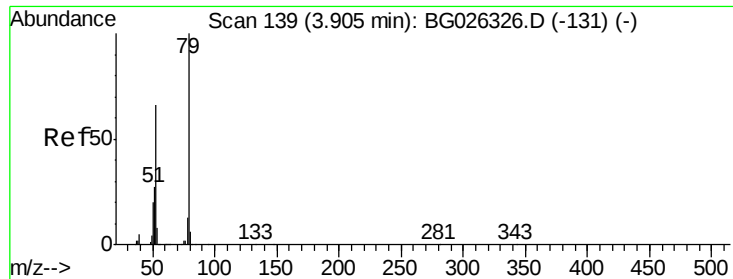


#2

1,4-Dioxane
Concen: 33.63 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.02 min
Lab File: BG026638.D
Acq: 12 Apr 2017 16:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.1	79.4	119.2#
43	21.2	33.8	50.6#





#3

Pvridine

Concen: 30.13 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.02 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

Instrument :

BNA_G

ClientSampleId :

PB98209BS

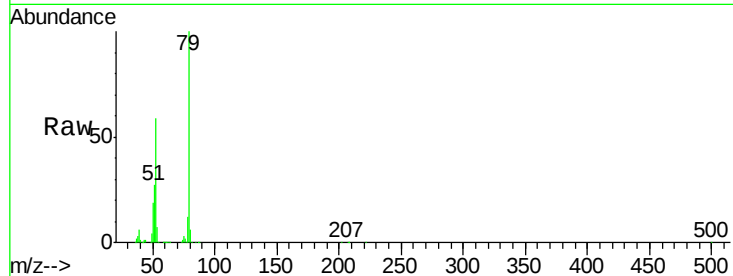
Tot Ion: 79 Resp: 309869

Ion Ratio Lower Upper

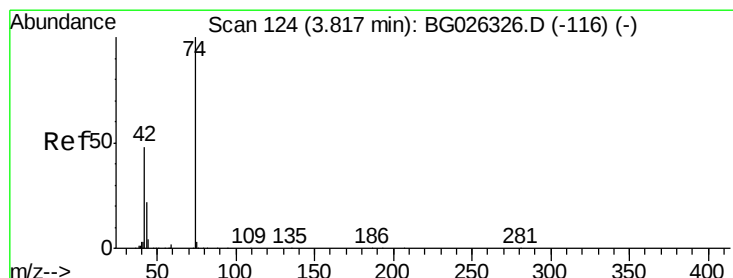
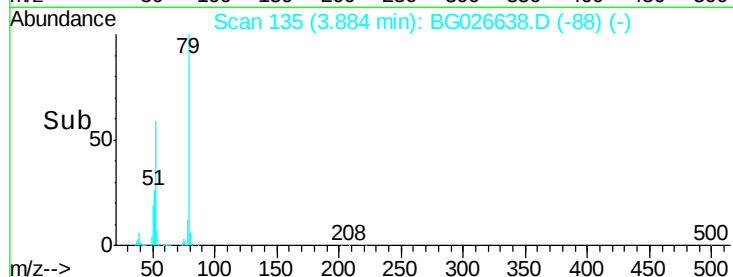
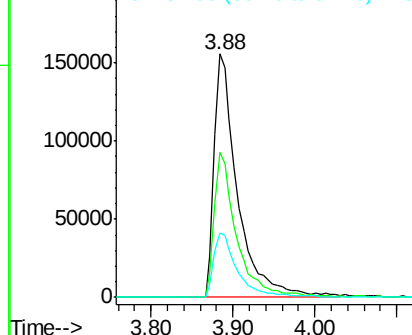
79 100

52 59.3 77.8 116.6#

51 26.6 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: 39.71 ng

RT: 3.80 min Scan# 120

Delta R.T. -0.02 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

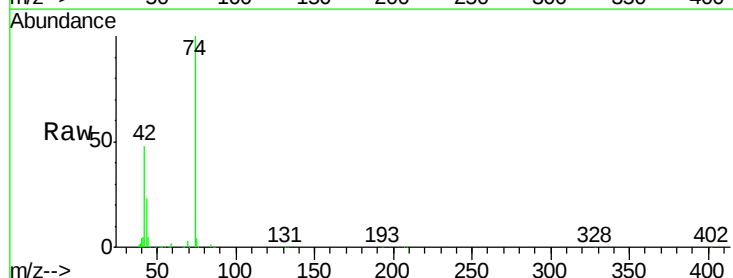
Tgt Ion: 42 Resp: 111623

Ion Ratio Lower Upper

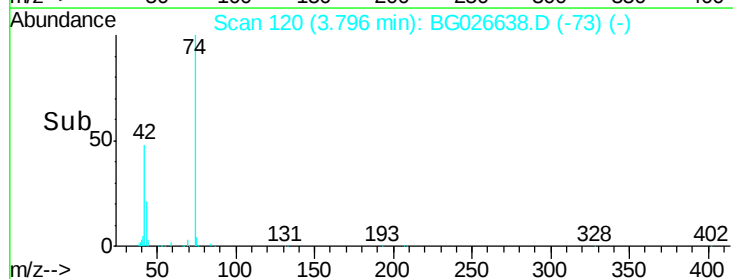
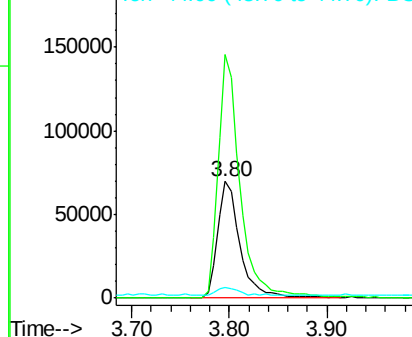
42 100

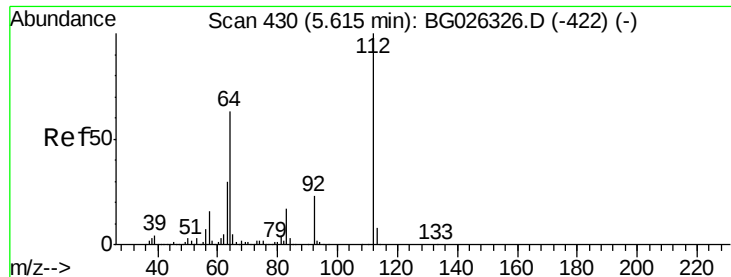
74 209.3 76.7 115.1#

44 9.5 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: 134.22 ng

RT: 5.61 min Scan# 428

Delta R.T. -0.01 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

Instrument :

BNA_G

ClientSampleId :

PB98209BS

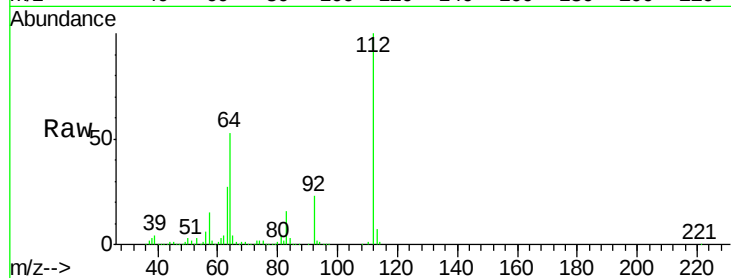
Tot Ion:112 Resp: 1122987

Ion Ratio Lower Upper

112 100

64 53.0 61.8 92.6#

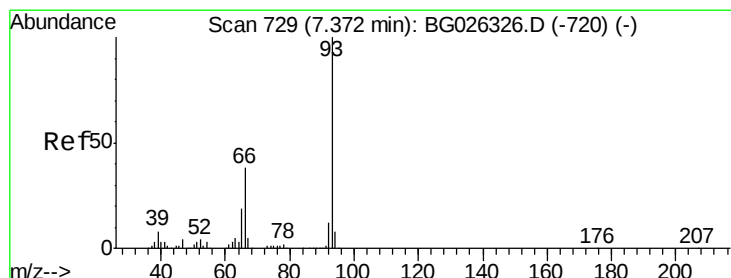
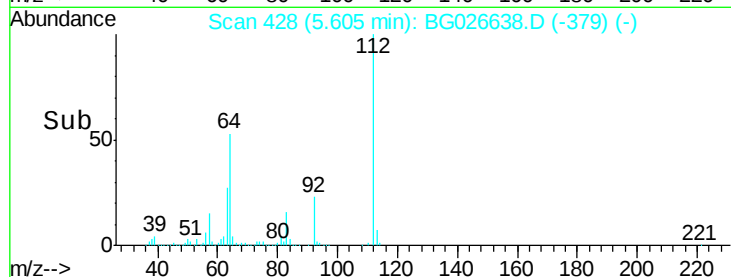
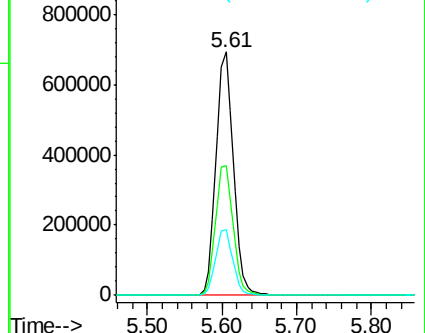
63 27.2 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 21.69 ng

RT: 7.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

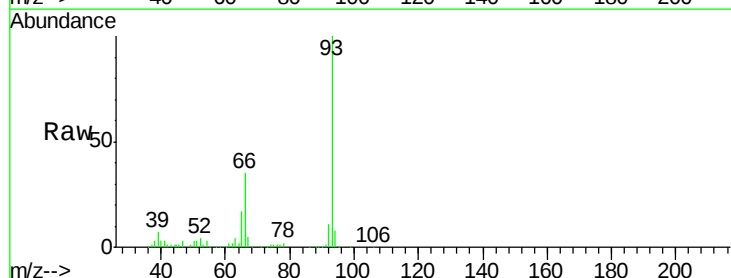
Tgt Ion: 93 Resp: 325415

Ion Ratio Lower Upper

93 100

66 35.0 35.4 53.2#

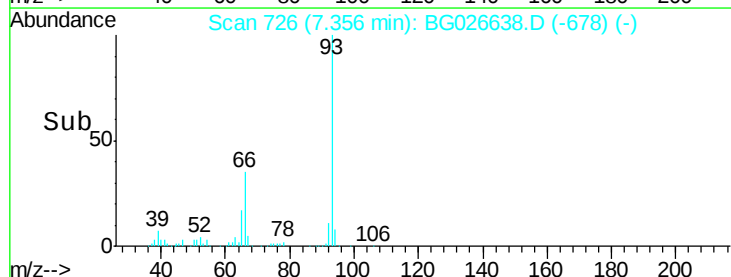
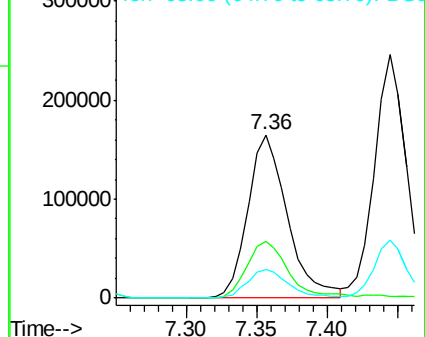
65 17.4 21.2 31.8#

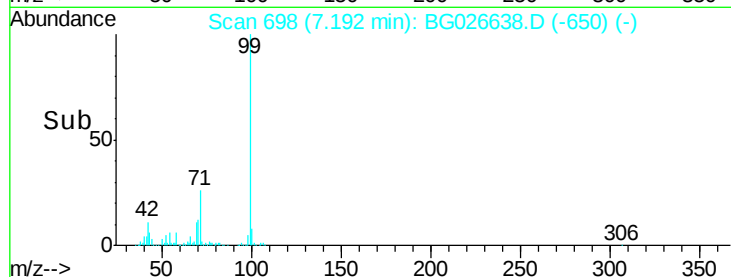
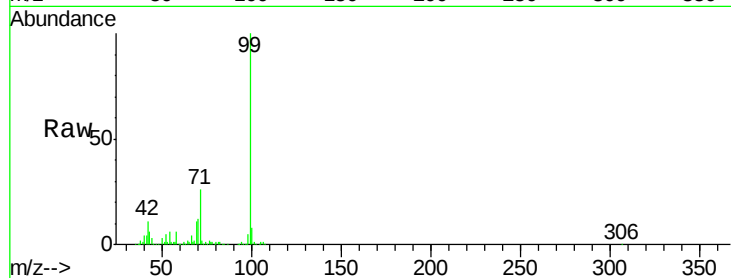
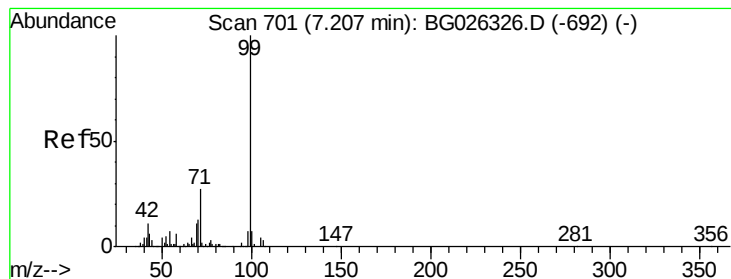


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 128.60 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

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ClientSampleId :

PB98209BS

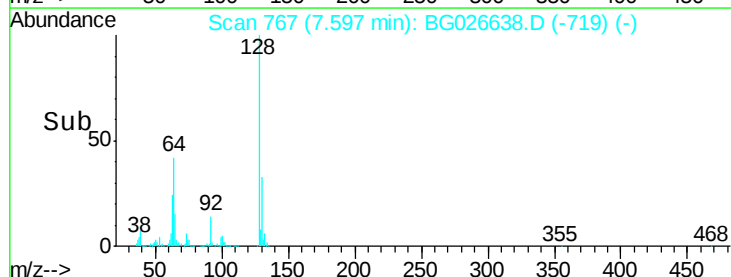
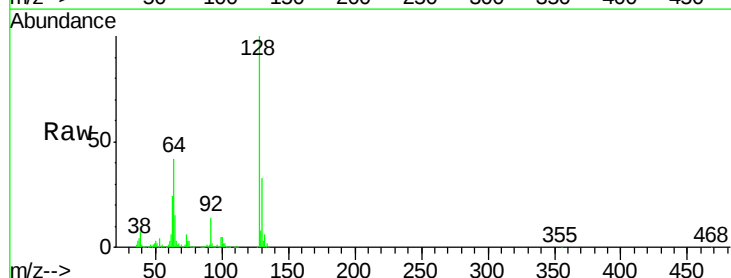
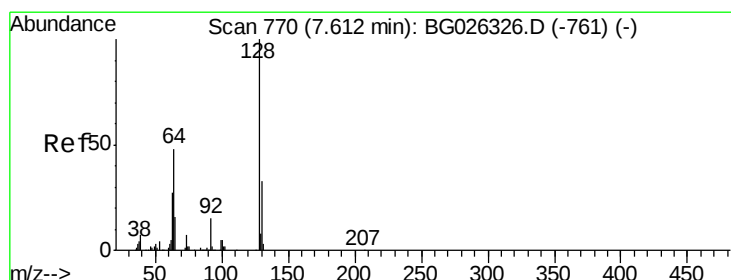
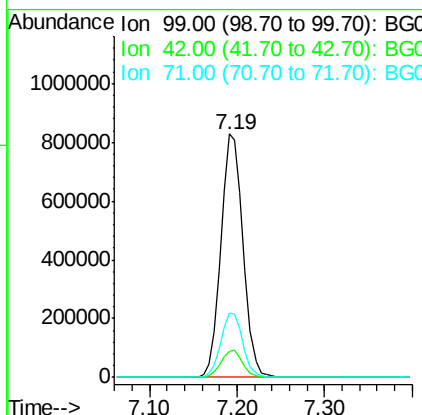
Tot Ion: 99 Resp: 1444516

Ion Ratio Lower Upper

99 100

42 10.7 20.5 30.7#

71 26.4 37.6 56.4#



#8

2-Chlorophenol

Concen: 45.89 ng

RT: 7.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

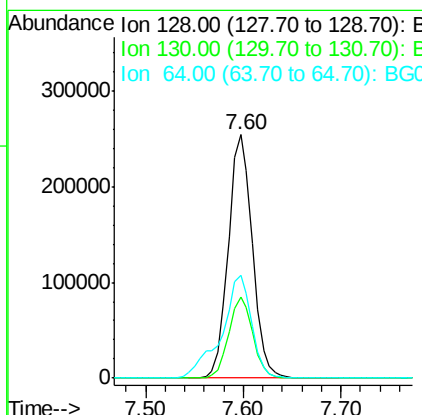
Tgt Ion:128 Resp: 432380

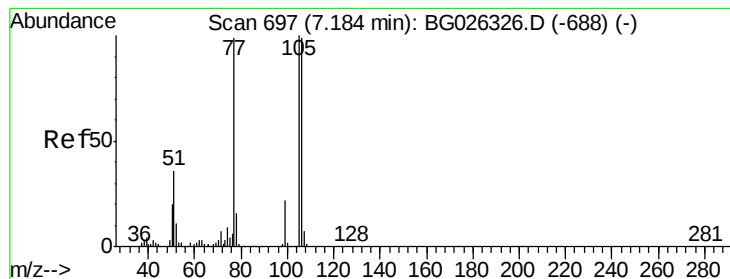
Ion Ratio Lower Upper

128 100

130 33.1 11.4 51.4

64 42.2 46.6 86.6#





#9

Benzaldehyde

Concen: 14.04 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.02 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

Instrument :

BNA_G

ClientSampleId :

PB98209BS

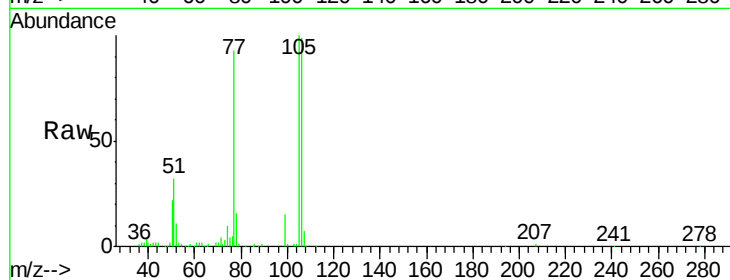
Tot Ion: 77 Resp: 106444

Ion Ratio Lower Upper

77 100

105 107.5 60.9 100.9#

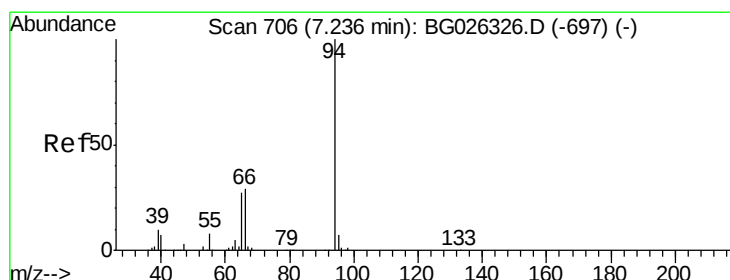
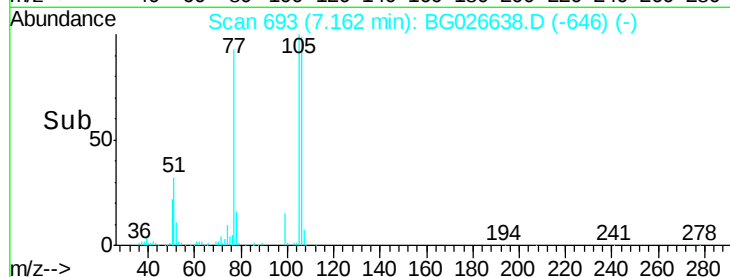
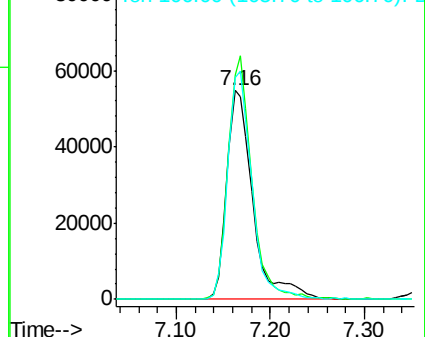
106 106.3 55.1 95.1#



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: 44.02 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.02 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

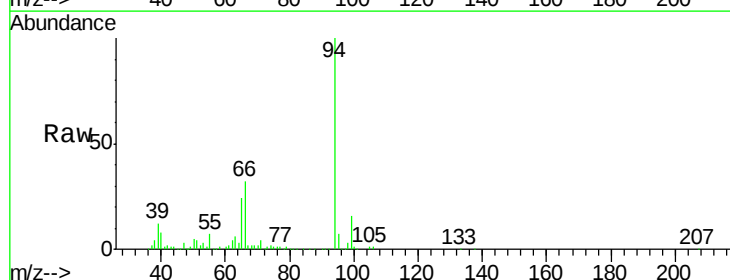
Tgt Ion: 94 Resp: 527624

Ion Ratio Lower Upper

94 100

65 24.5 20.6 60.6

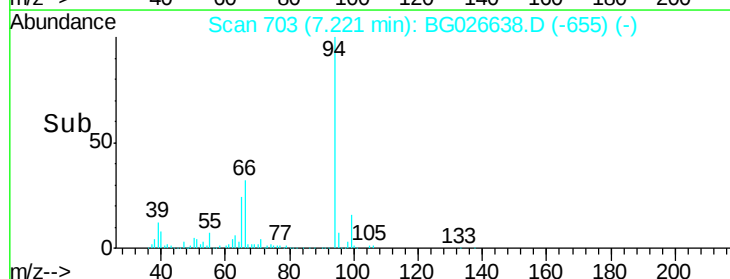
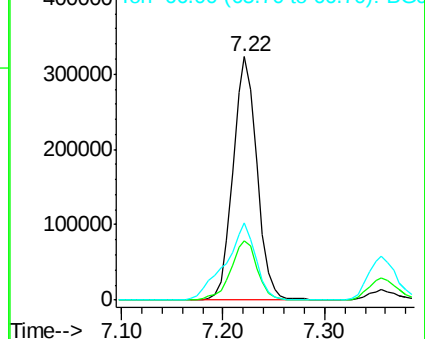
66 31.9 35.5 75.5#

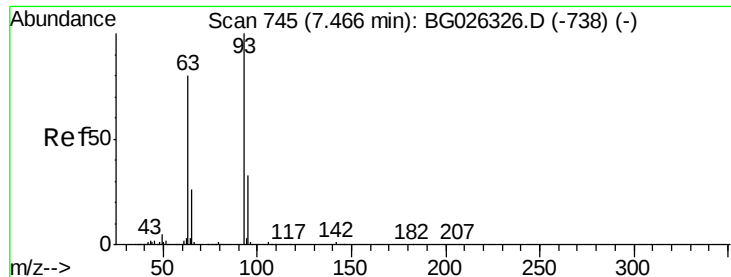


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 38.97 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.02 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

Instrument :

BNA_G

ClientSampleId :

PB98209BS

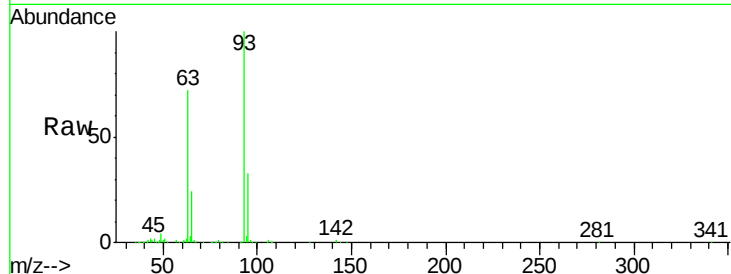
Tot Ion: 93 Resp: 383084

Ion Ratio Lower Upper

93 100

63 72.3 78.5 118.5#

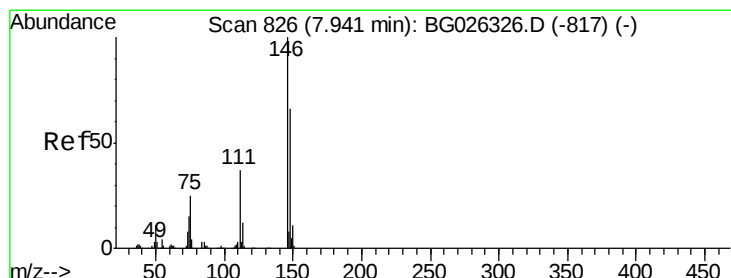
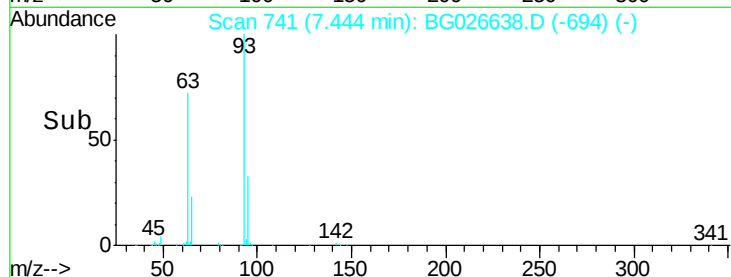
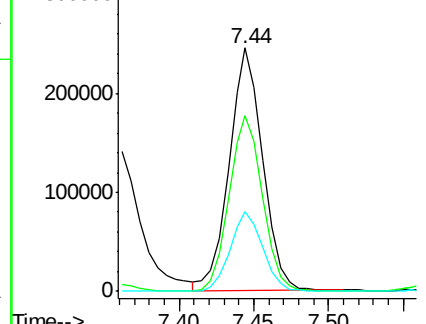
95 32.8 9.8 49.8



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 42.15 ng

RT: 7.92 min Scan# 822

Delta R.T. -0.02 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

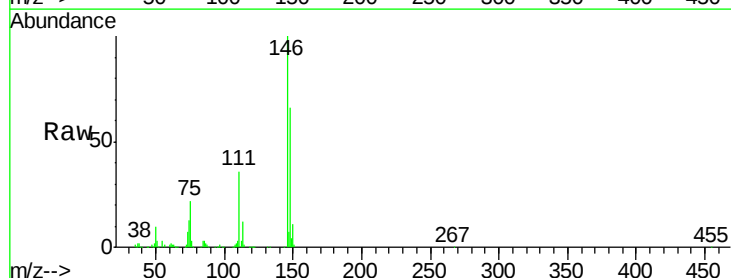
Tgt Ion: 146 Resp: 472727

Ion Ratio Lower Upper

146 100

148 65.6 49.2 73.8

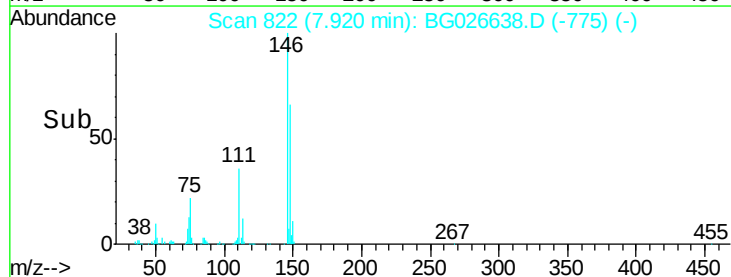
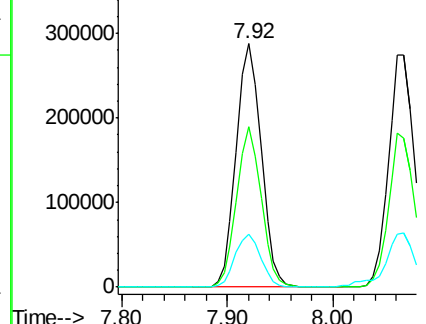
75 21.8 33.4 50.2#

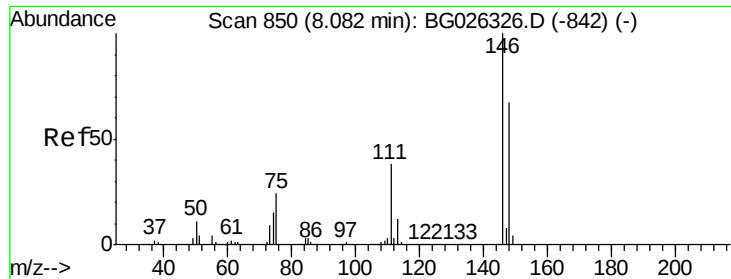


Abundance Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 41.74 ng

RT: 8.07 min Scan# 847

Delta R.T. -0.02 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

Instrument :

BNA_G

ClientSampleId :

PB98209BS

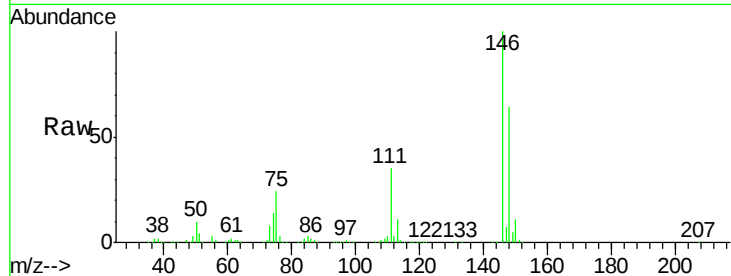
Tot Ion:146 Resp: 473526

Ion Ratio Lower Upper

146 100

148 64.4 52.2 78.2

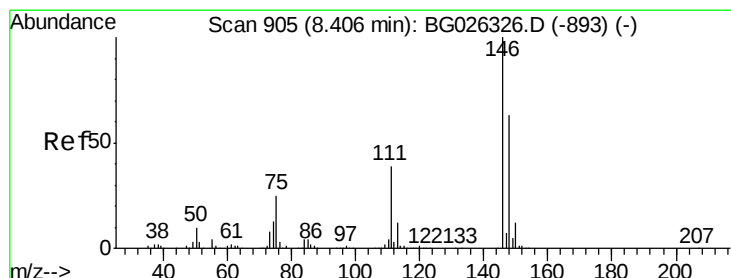
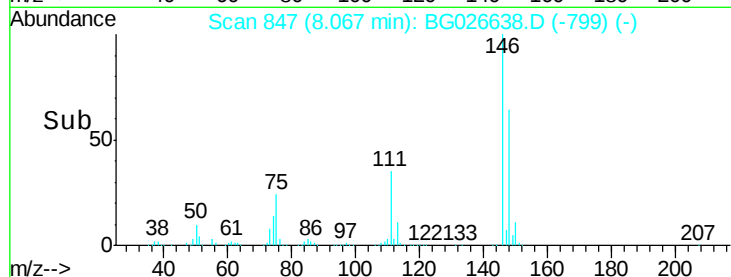
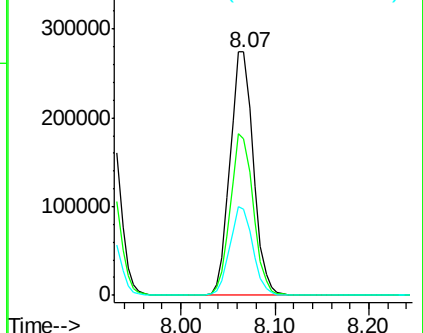
111 35.4 37.0 55.6#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.58 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

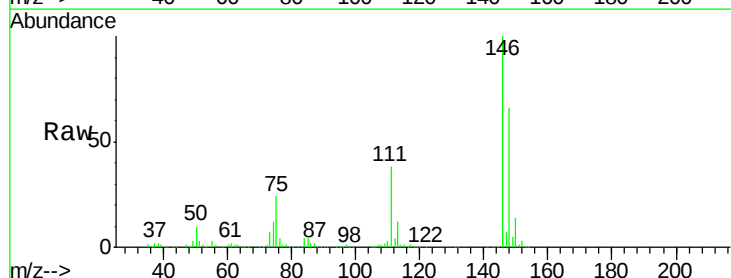
Tgt Ion:146 Resp: 451440

Ion Ratio Lower Upper

146 100

148 66.3 54.6 81.8

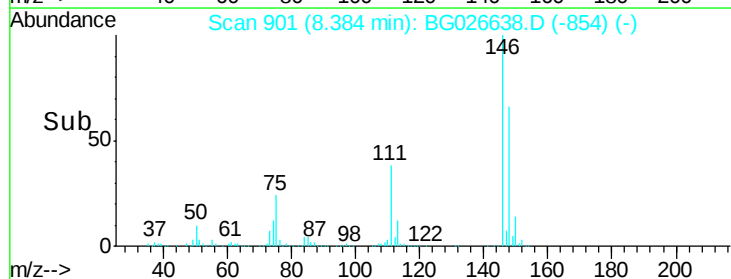
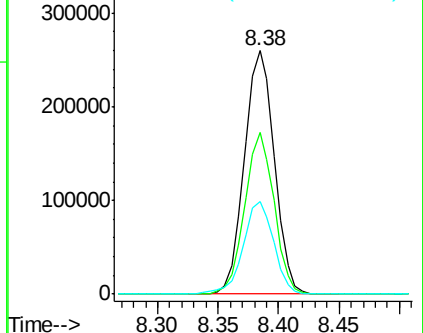
111 37.8 39.7 59.5#

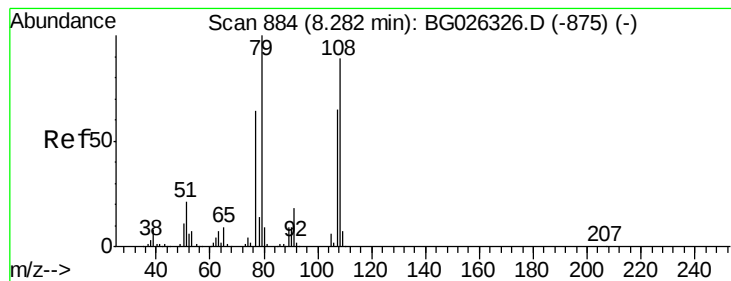


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.58 ng

RT: 8.27 min Scan# 881

Delta R.T. -0.02 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

Instrument :

BNA_G

ClientSampleId :

PB98209BS

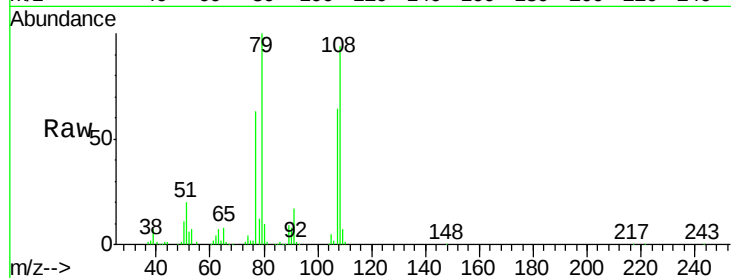
Tot Ion: 79 Resp: 276775

Ion Ratio Lower Upper

79 100

108 93.7 45.5 68.3#

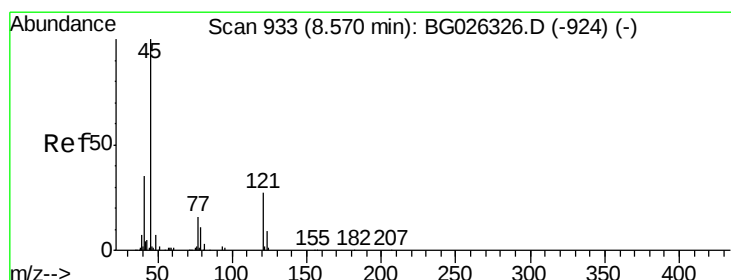
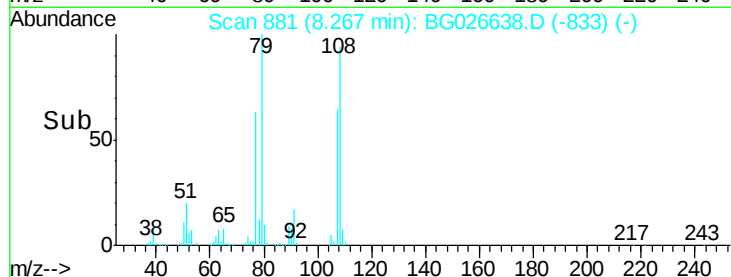
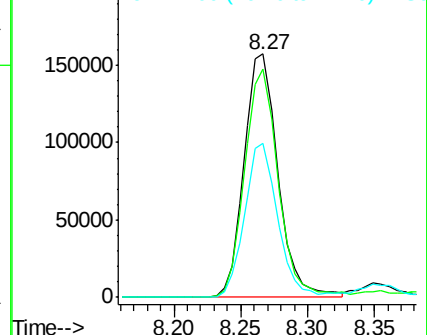
77 63.3 54.3 81.5



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.79 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.01 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

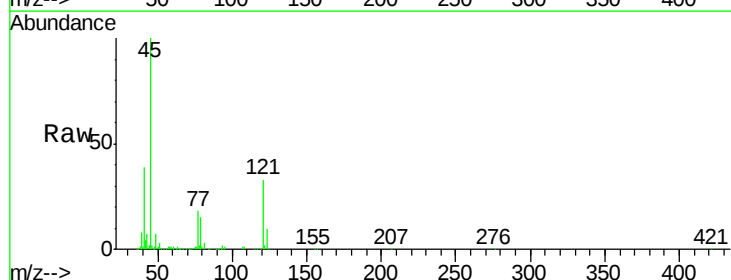
Tgt Ion: 45 Resp: 357967

Ion Ratio Lower Upper

45 100

77 18.0 0.0 30.6

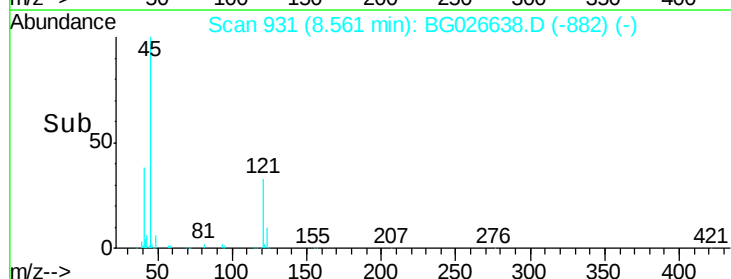
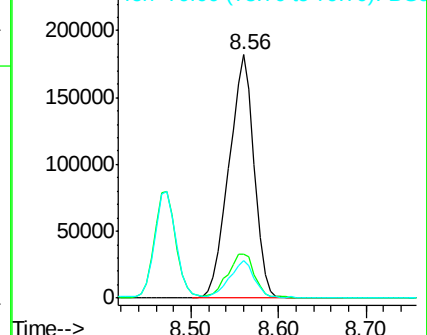
79 15.3 0.0 28.5

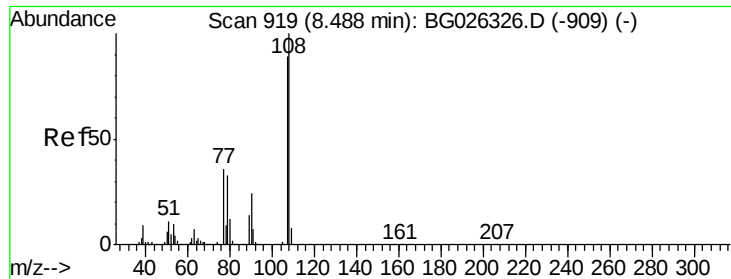


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 43.45 ng

RT: 8.47 min Scan# 916

Delta R.T. -0.02 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

Instrument :

BNA_G

ClientSampleId :

PB98209BS

Tot Ion:107 Resp: 369902

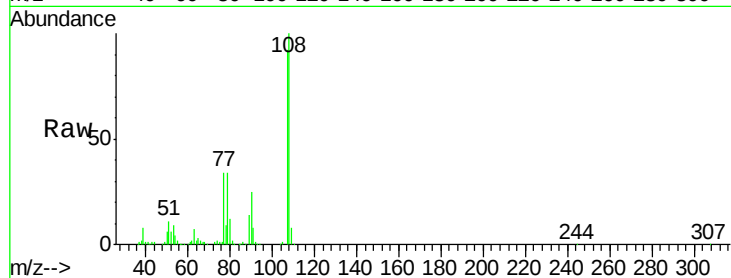
Ion Ratio Lower Upper

107 100

108 108.7 85.6 128.4

77 37.3 51.4 77.2#

79 37.0 49.2 73.8#

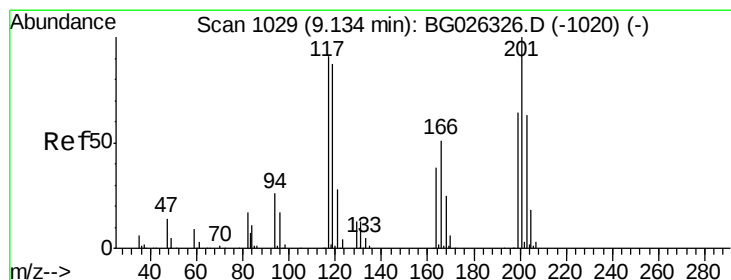
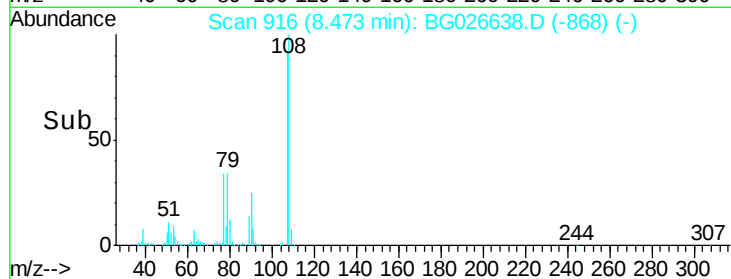
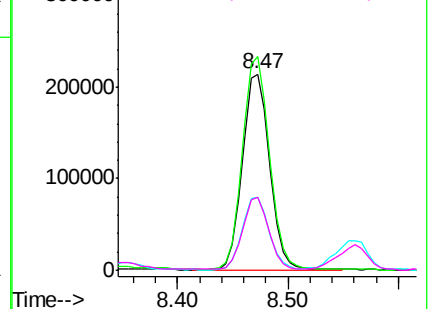


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.06 ng

RT: 9.11 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

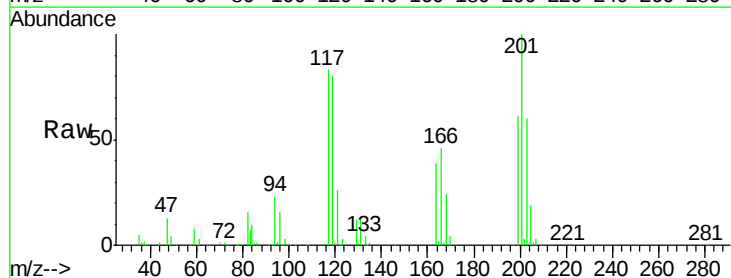
Tgt Ion:117 Resp: 148632

Ion Ratio Lower Upper

117 100

119 96.3 69.8 104.6

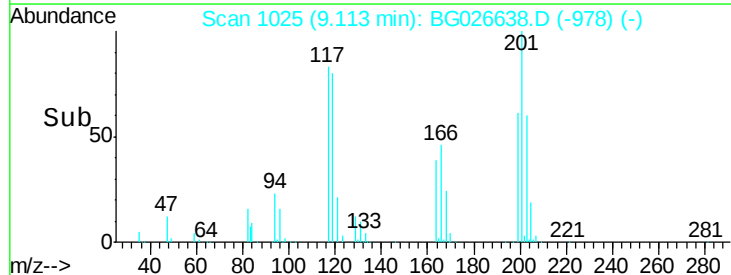
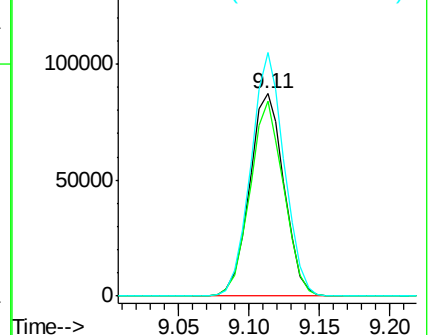
201 120.3 95.4 143.0

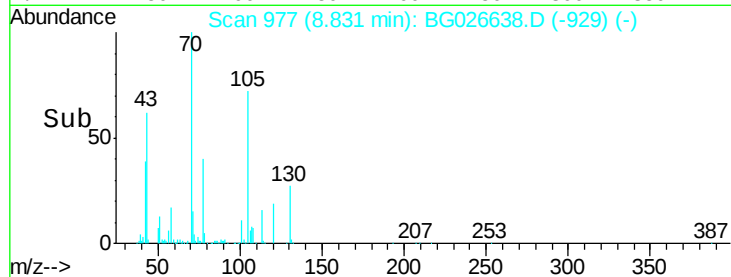
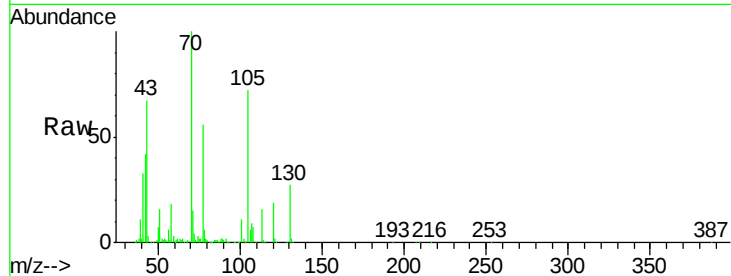
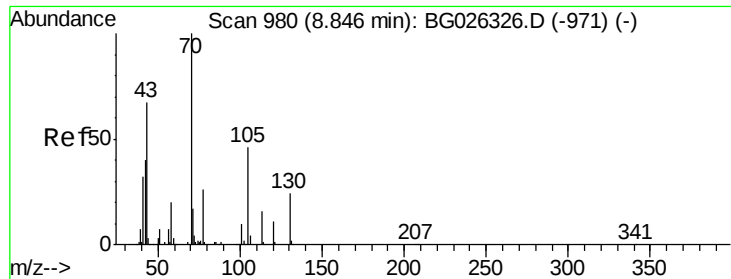


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

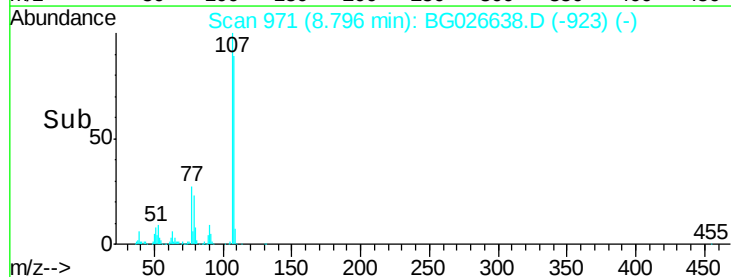
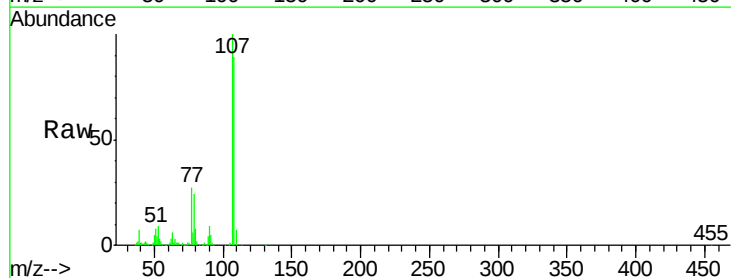
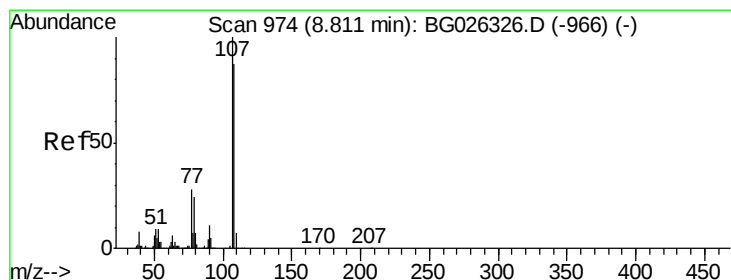
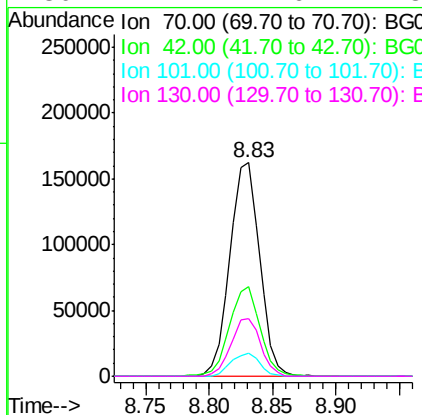




#19
n-Nitroso-di-n-propylamine
Concen: 36.41 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.02 min
Lab File: BG026638.D
Acq: 12 Apr 2017 16:35

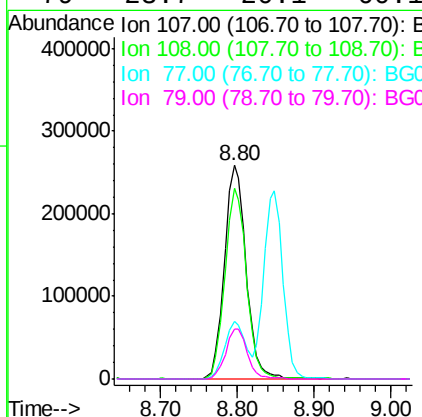
Instrument :
BNA_G
ClientSampleID :
PB98209BS

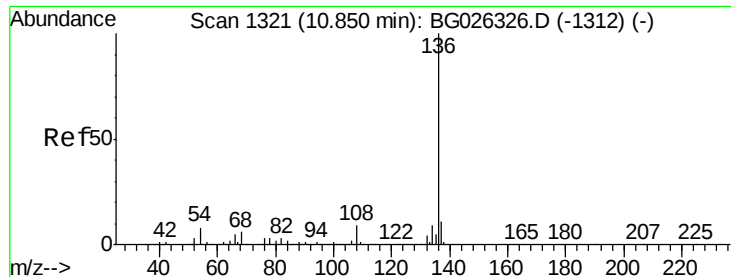
Tot Ion: 70 Resp: 262891
Ion Ratio Lower Upper
70 100
42 42.2 56.1 84.1#
101 11.0 7.5 11.3
130 27.2 14.6 21.8#



#20
3+4-Methylphenols
Concen: 43.47 ng
RT: 8.80 min Scan# 971
Delta R.T. -0.02 min
Lab File: BG026638.D
Acq: 12 Apr 2017 16:35

Tgt Ion: 107 Resp: 509493
Ion Ratio Lower Upper
107 100
108 89.2 70.8 110.8
77 27.1 25.8 65.8
79 23.7 20.1 60.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

Instrument :

BNA_G

ClientSampleId :

PB98209BS

Tot Ion:136 Resp: 604951

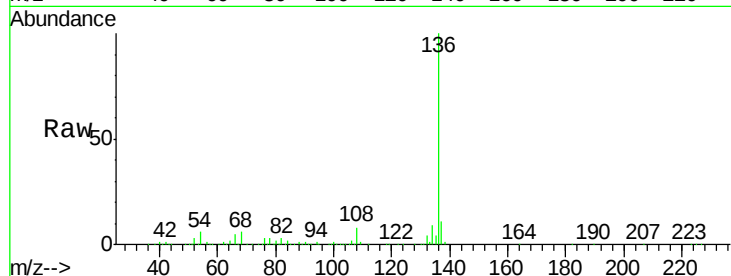
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.1 9.3 13.9#

68 6.4 5.1 7.7

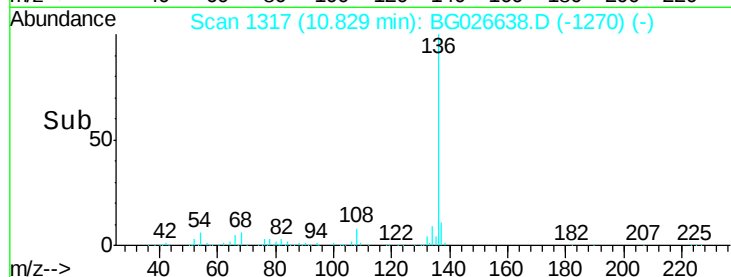


Abundance Ion 136.00 (135.70 to 136.70): E

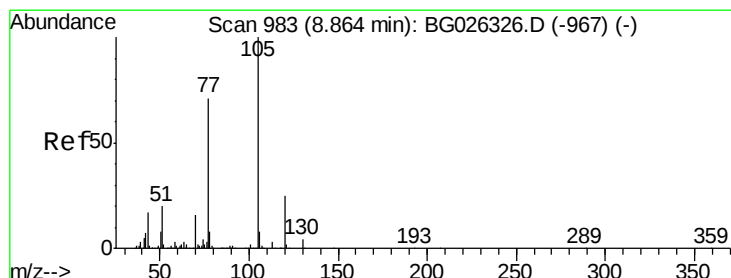
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



Time-->



#22

Acetophenone

Concen: 41.53 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.02 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

Tgt Ion:105 Resp: 577686

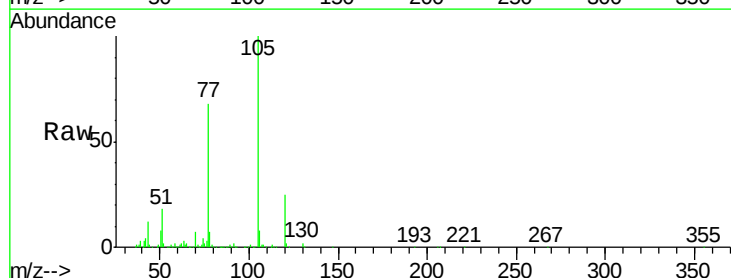
Ion Ratio Lower Upper

105 100

71 1.1 0.9 1.3

51 18.5 34.0 51.0#

120 25.2 17.3 25.9

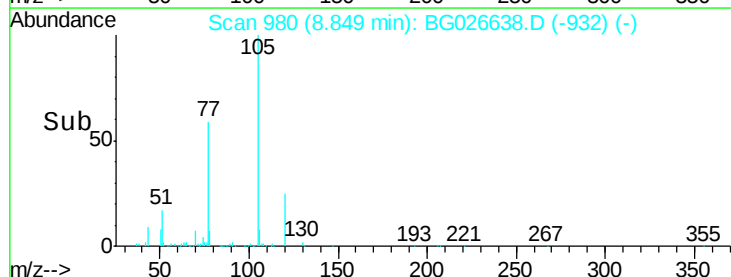


Abundance Ion 105.00 (104.70 to 105.70): E

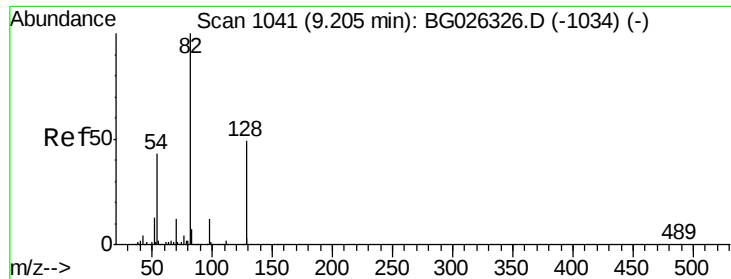
Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E



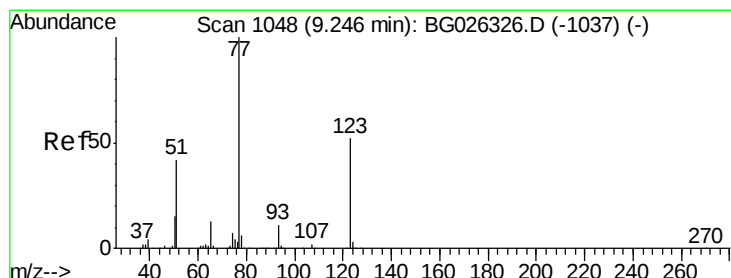
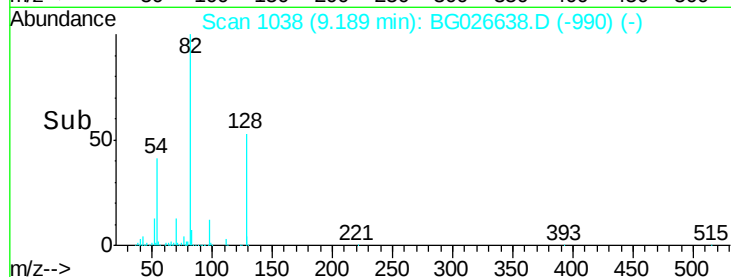
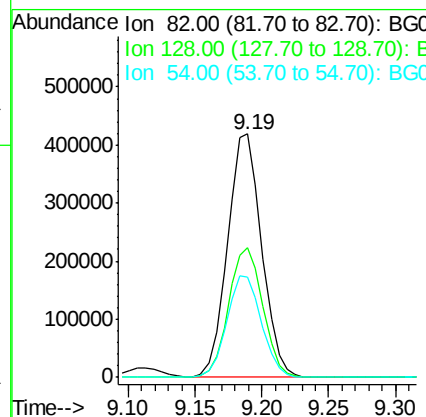
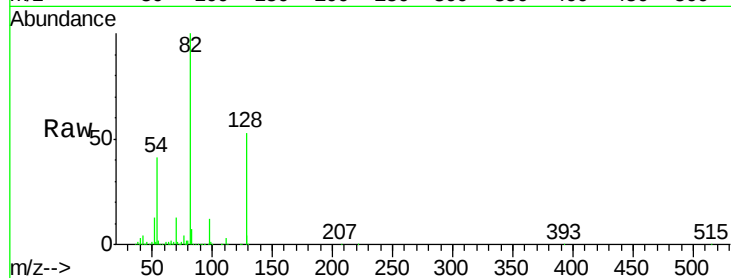
Time-->



#23
 Nitrobenzene-d5
 Concen: 74.21 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BG026638.D
 Acq: 12 Apr 2017 16:35

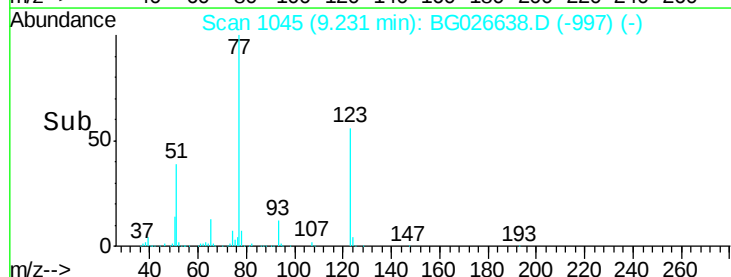
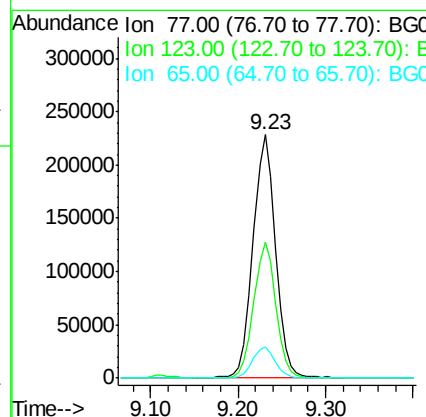
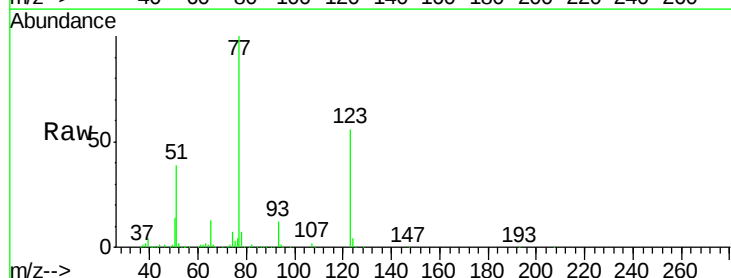
Instrument :
 BNA_G
 ClientSampled :
 PB98209BS

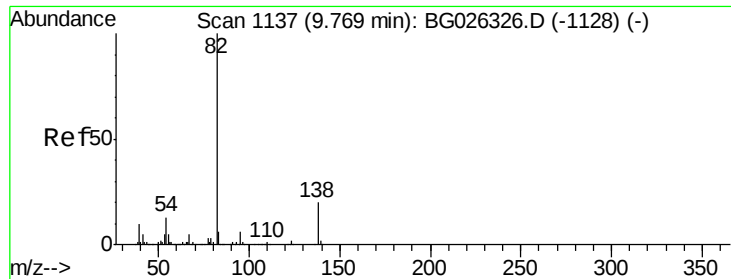
Tot Ion: 82 Resp: 746614
 Ion Ratio Lower Upper
 82 100
 128 53.4 26.4 39.6#
 54 41.4 49.4 74.2#



#24
 Nitrobenzene
 Concen: 39.76 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.02 min
 Lab File: BG026638.D
 Acq: 12 Apr 2017 16:35

Tgt Ion: 77 Resp: 394929
 Ion Ratio Lower Upper
 77 100
 123 56.1 26.1 39.1#
 65 13.0 12.4 18.6





#25

Isophorone

Concen: 40.02 ng

RT: 9.75 min Scan# 1133

Delta R.T. -0.02 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

Instrument :

BNA_G

ClientSampleId :

PB98209BS

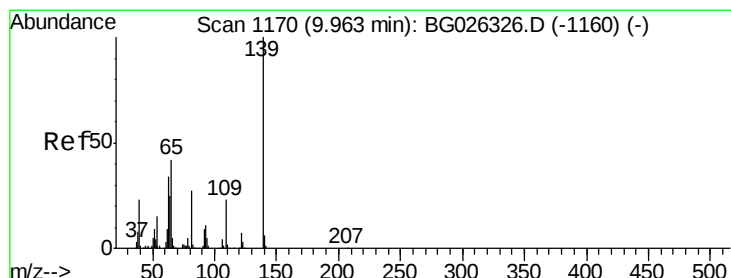
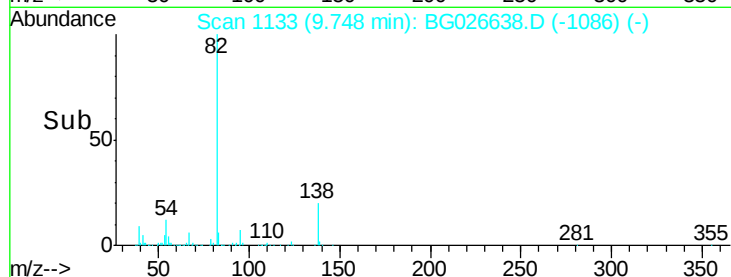
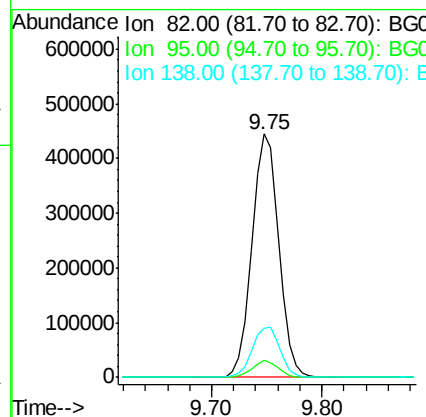
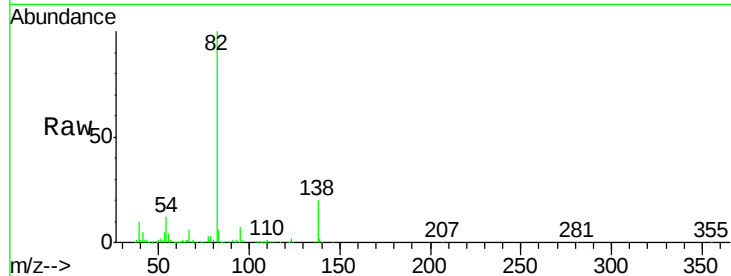
Tot Ion: 82 Resp: 758932

Ion Ratio Lower Upper

82 100

95 6.8 7.5 11.3#

138 19.9 12.3 18.5#



#26

2-Nitrophenol

Concen: 46.50 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.02 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

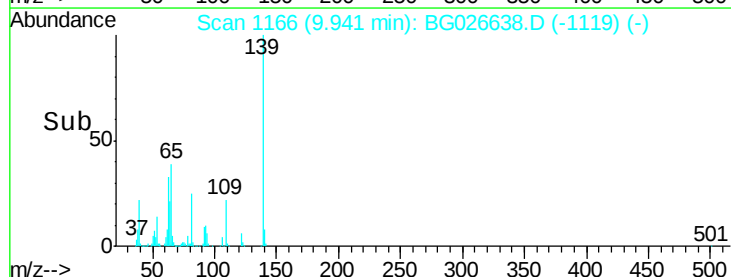
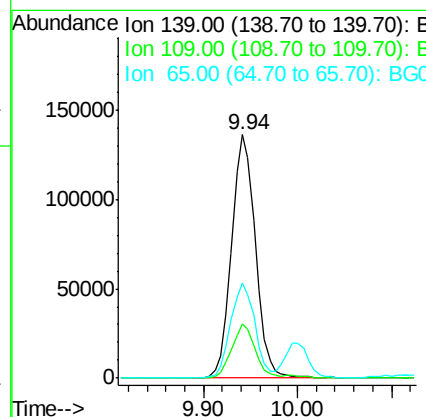
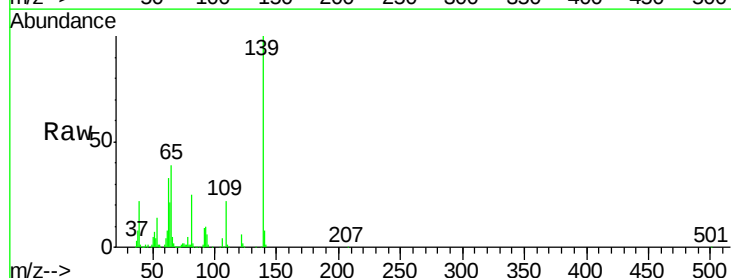
Tgt Ion: 139 Resp: 240355

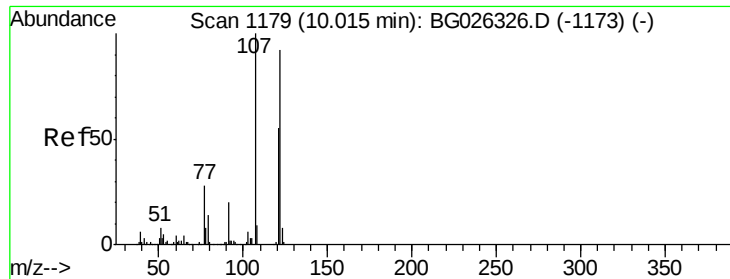
Ion Ratio Lower Upper

139 100

109 22.4 38.6 58.0#

65 39.2 57.1 85.7#

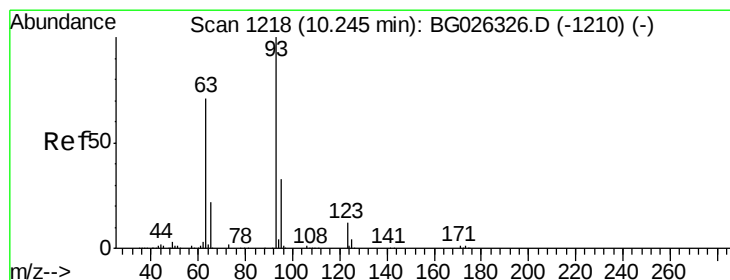
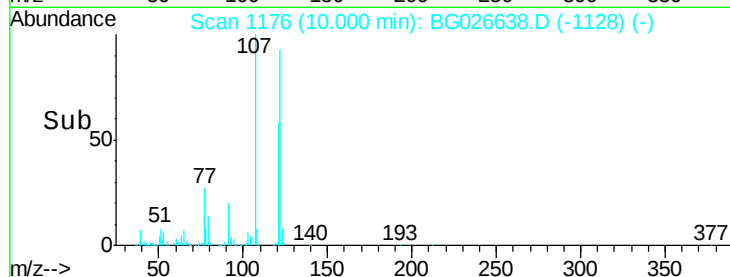
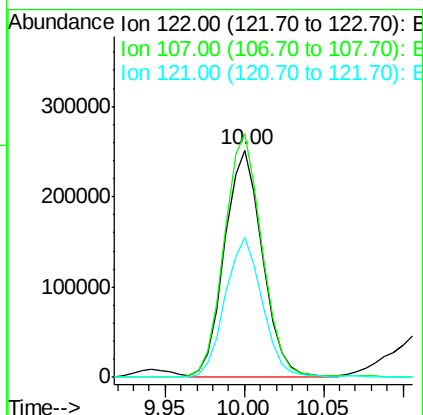
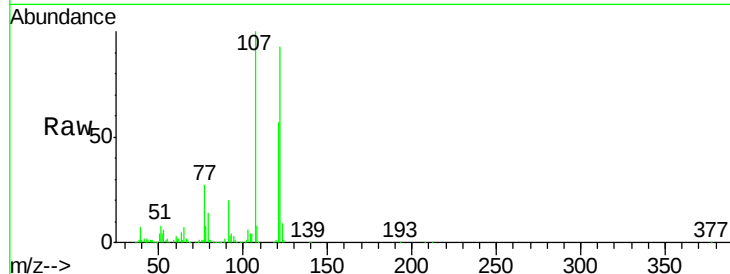




#27
 2,4-Dimethylphenol
 Concen: 48.90 ng
 RT: 10.00 min Scan# 1176
 Delta R.T. -0.02 min
 Lab File: BG026638.D
 Acq: 12 Apr 2017 16:35

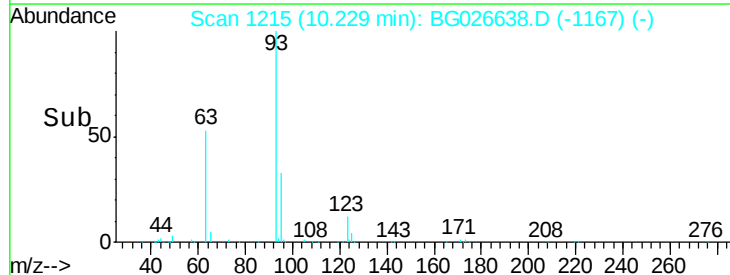
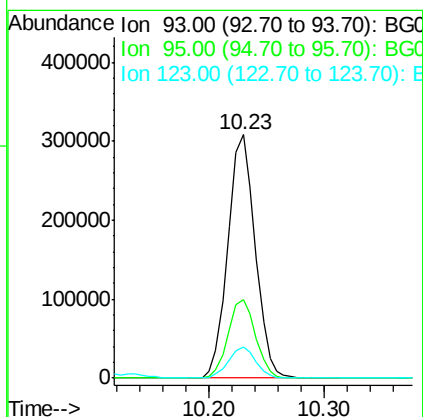
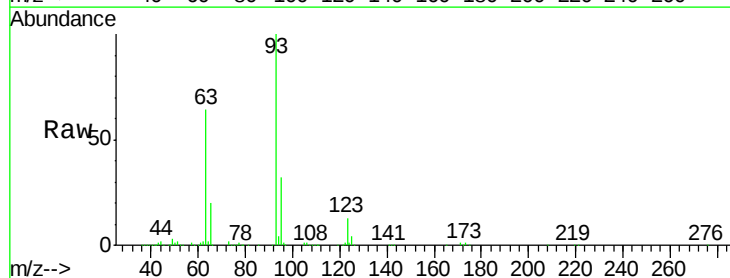
Instrument :
 BNA_G
 ClientSampleId :
 PB98209BS

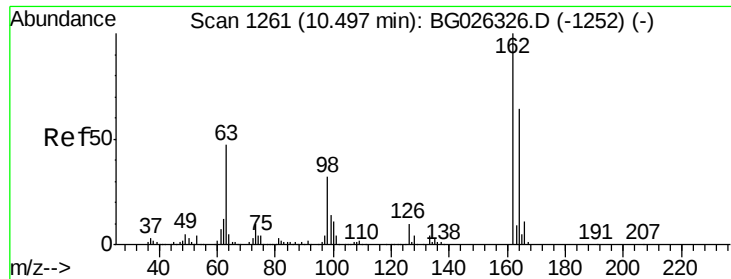
Tot Ion:122 Resp: 414924
 Ion Ratio Lower Upper
 122 100
 107 107.3 104.2 156.4
 121 61.7 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.98 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BG026638.D
 Acq: 12 Apr 2017 16:35

Tgt Ion: 93 Resp: 504772
 Ion Ratio Lower Upper
 93 100
 95 32.3 25.7 38.5
 123 12.9 8.3 12.5#

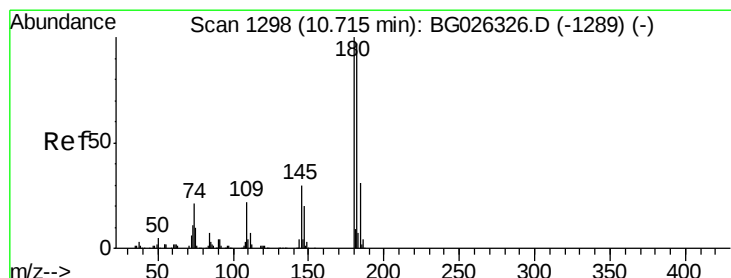
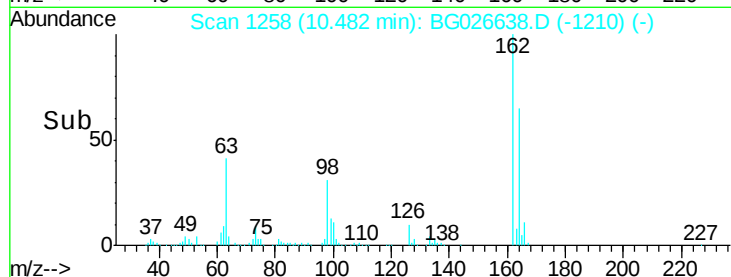
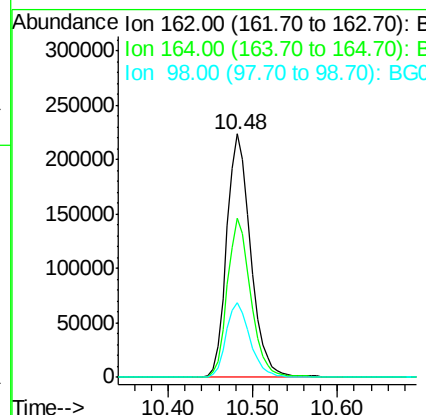
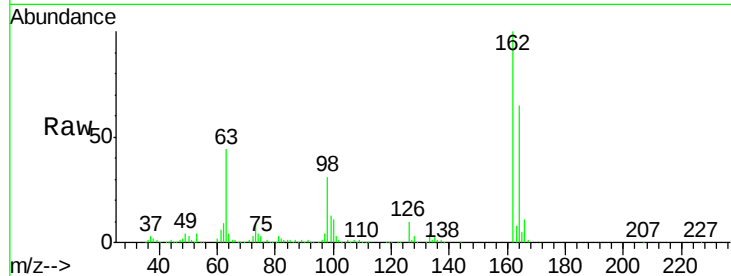




#29
2,4-Dichlorophenol
Concen: 51.17 ng
RT: 10.48 min Scan# 1258
Delta R.T. -0.02 min
Lab File: BG026638.D
Acq: 12 Apr 2017 16:35

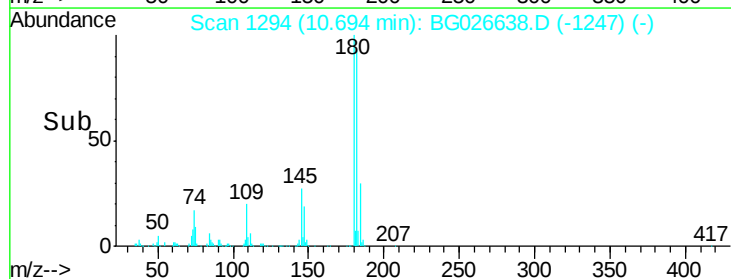
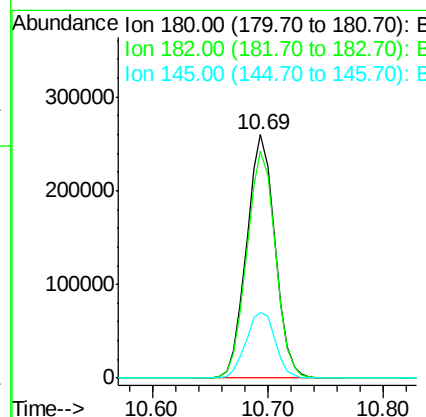
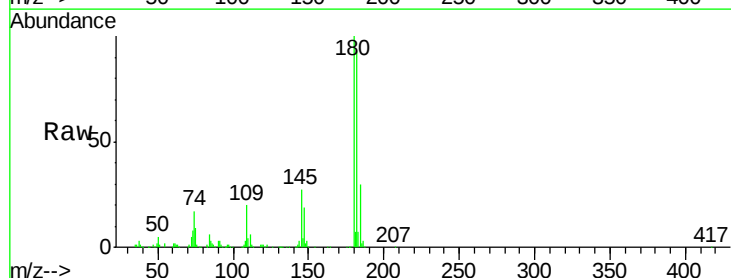
Instrument :
BNA_G
ClientSampleId :
PB98209BS

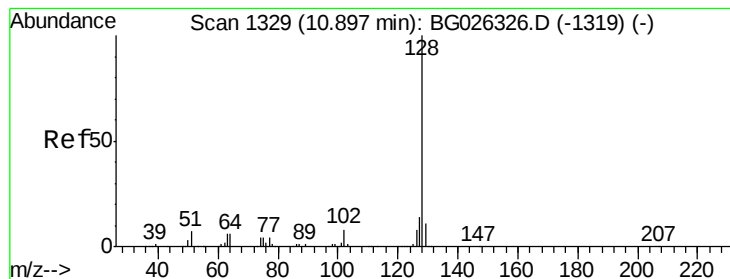
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	42.4	82.4
98	30.7	20.3	60.3



#30
1,2,4-Trichlorobenzene
Concen: 46.02 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BG026638.D
Acq: 12 Apr 2017 16:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	77.0	115.4
145	27.0	23.4	35.0

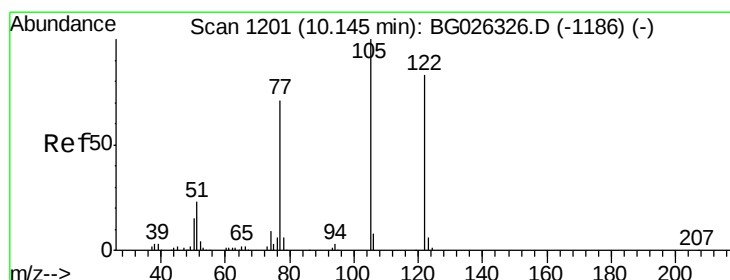
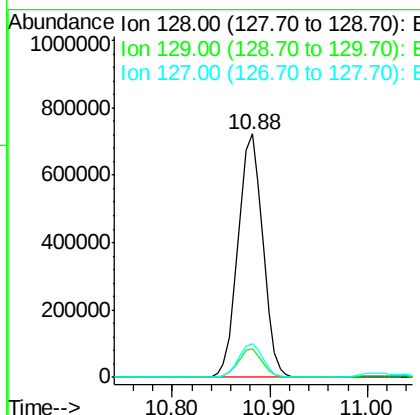
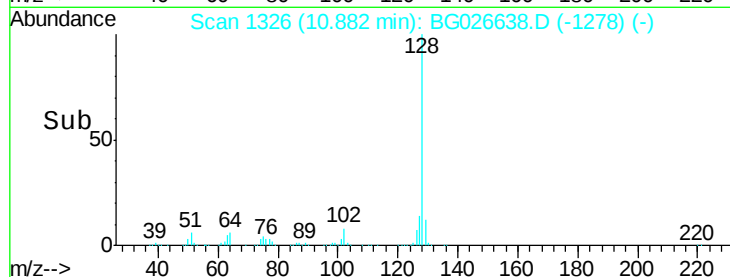
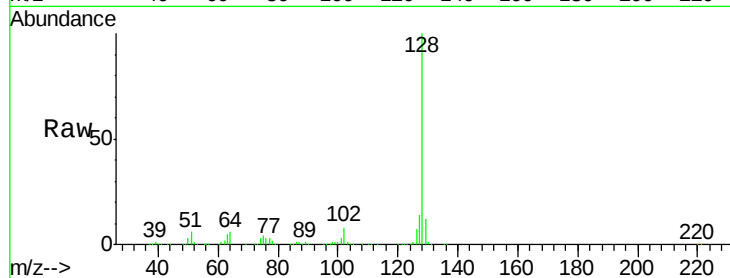




#31
Naphthalene
Concen: 41.81 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BG026638.D
Acq: 12 Apr 2017 16:35

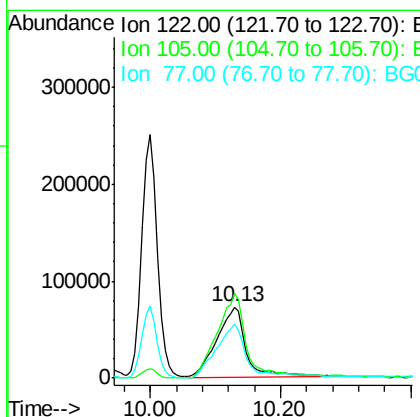
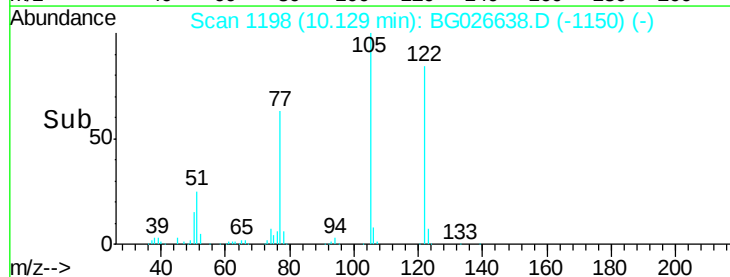
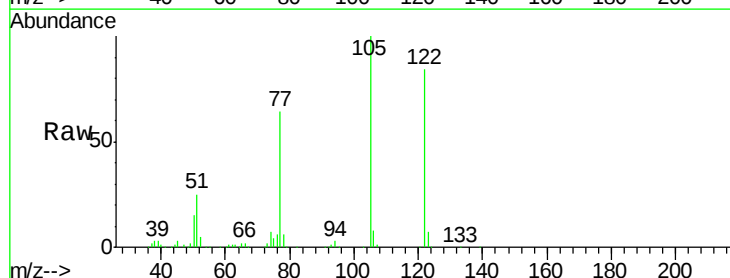
Instrument :
BNA_G
ClientSampleId :
PB98209BS

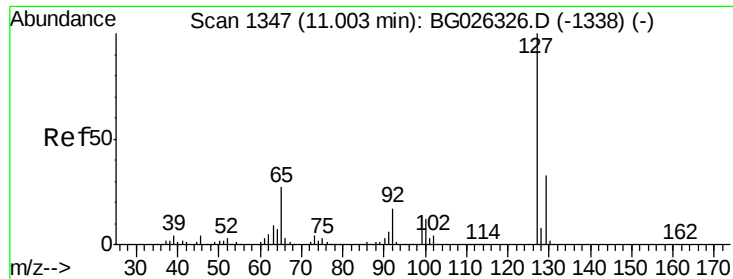
Tot Ion:128 Resp: 1278953
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 13.7 11.4 17.0



#32
Benzoic acid
Concen: 34.37 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BG026638.D
Acq: 12 Apr 2017 16:35

Tgt Ion:122 Resp: 224411
Ion Ratio Lower Upper
122 100
105 119.2 120.1 160.1#
77 76.1 104.6 144.6#

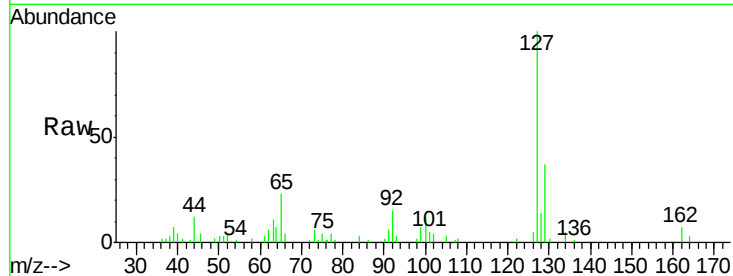




#33
4-Chloroaniline
Concen: 4.15 ng
RT: 11.01 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BG026638.D
Acq: 12 Apr 2017 16:35

Instrument :
BNA_G
ClientSampleId :
PB98209BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	37.2	23.6	35.4#
65	23.3	37.7	56.5#
92	15.2	17.6	26.4#



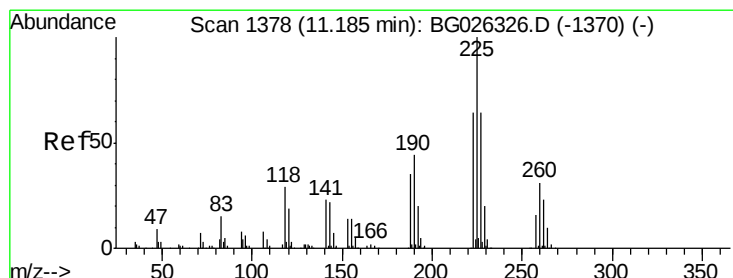
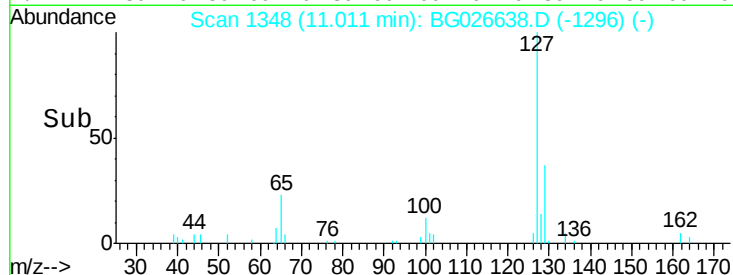
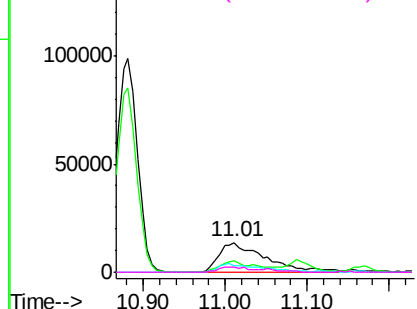
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

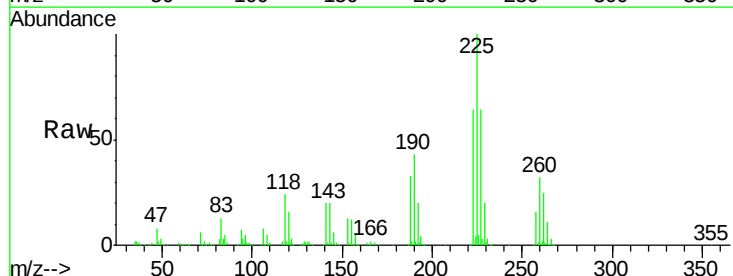
Ion 65.00 (64.70 to 65.70): BG0

Ion 92.00 (91.70 to 92.70): BG0



#34
Hexachlorobutadiene
Concen: 44.22 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.02 min
Lab File: BG026638.D
Acq: 12 Apr 2017 16:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.7	76.1
227	63.9	49.0	73.6

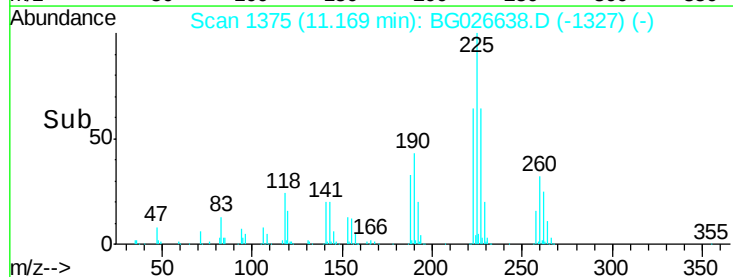
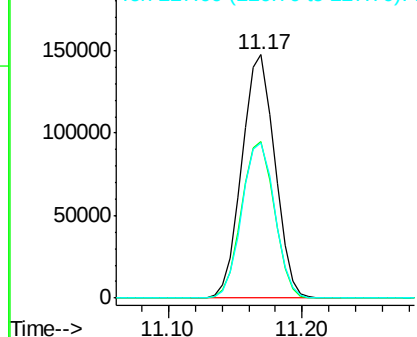


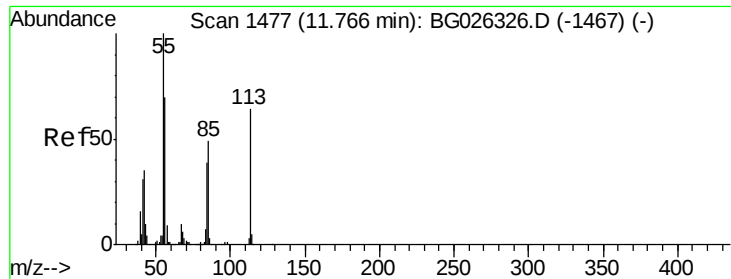
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

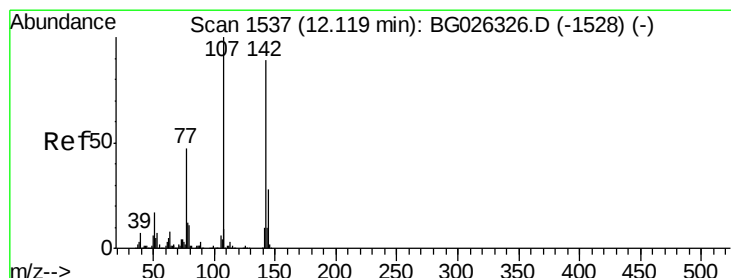
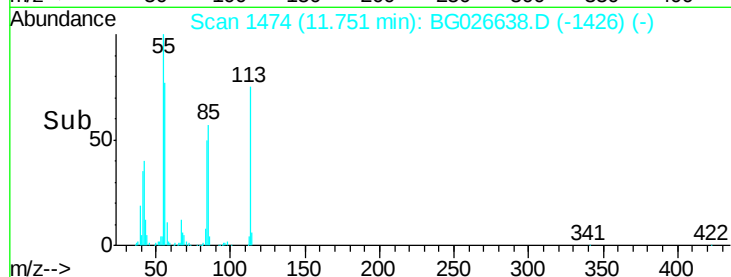
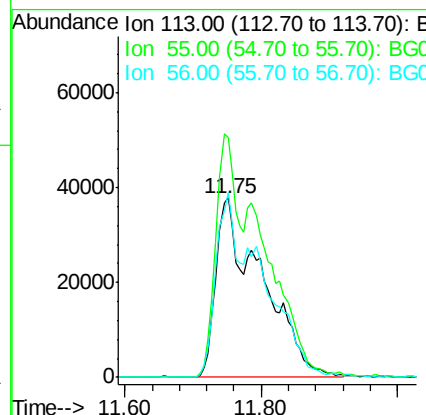
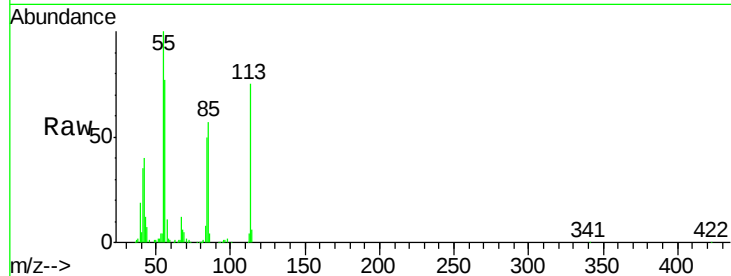




#35
 Caprolactam
 Concen: 51.99 ng/ml
 RT: 11.75 min Scan# 1474
 Delta R.T. -0.02 min
 Lab File: BG026638.D
 Acq: 12 Apr 2017 16:35

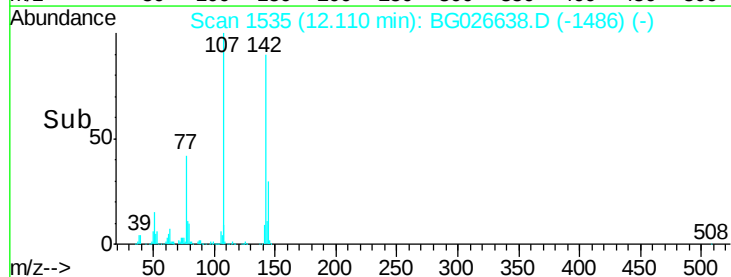
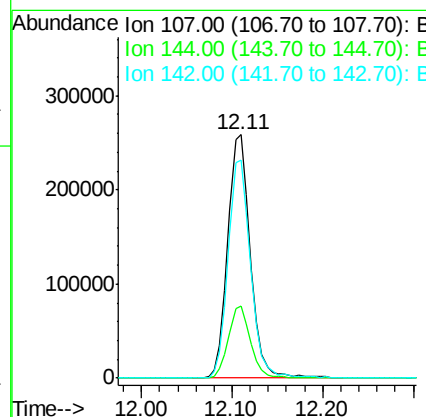
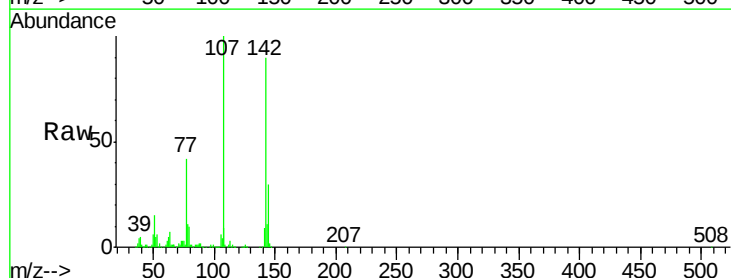
Instrument :
 BNA_G
 ClientSampleId :
 PB98209BS

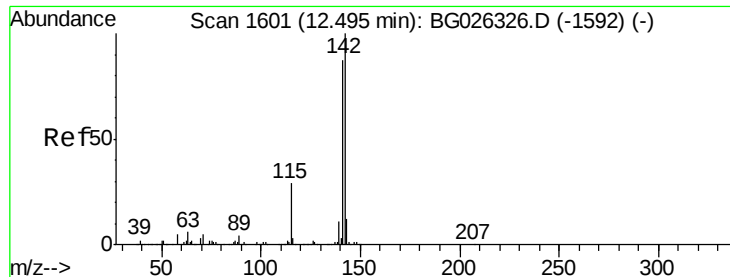
Tot Ion:113 Resp: 175780
 Ion Ratio Lower Upper
 113 100
 55 134.0 198.6 238.6#
 56 103.2 140.4 180.4#



#36
 4-Chloro-3-methylphenol
 Concen: 48.65 ng/ml
 RT: 12.11 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: BG026638.D
 Acq: 12 Apr 2017 16:35

Tgt Ion:107 Resp: 446523
 Ion Ratio Lower Upper
 107 100
 144 29.8 17.4 26.0#
 142 89.5 54.1 81.1#





#37

2-Methylnaphthalene

Concen: 44.83 ng

RT: 12.48 min Scan# 1598

Delta R.T. -0.02 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

Instrument :

BNA_G

ClientSampleId :

PB98209BS

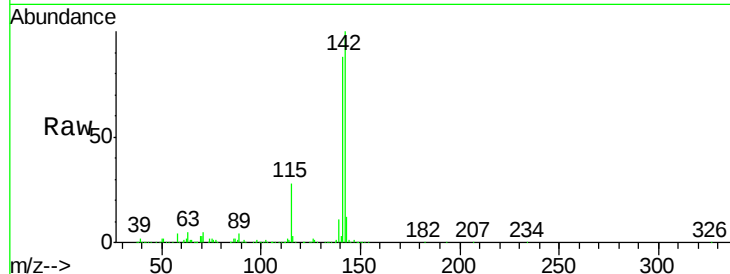
Tot Ion:142 Resp: 1004297

Ion Ratio Lower Upper

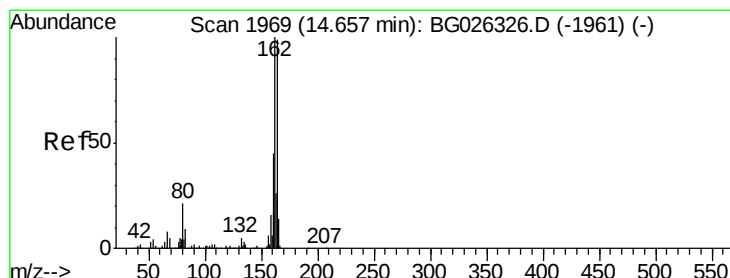
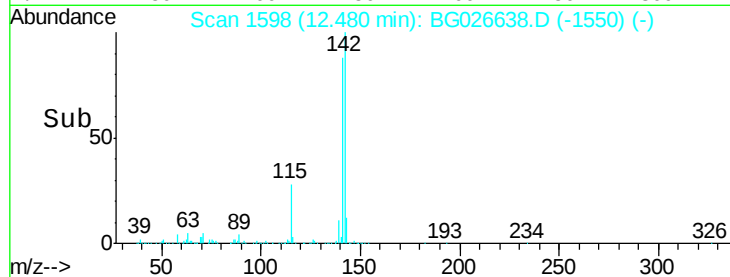
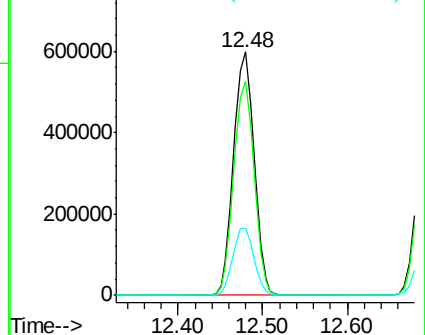
142 100

141 87.9 70.4 105.6

115 27.7 35.5 53.3#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.64 min Scan# 1965

Delta R.T. -0.02 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

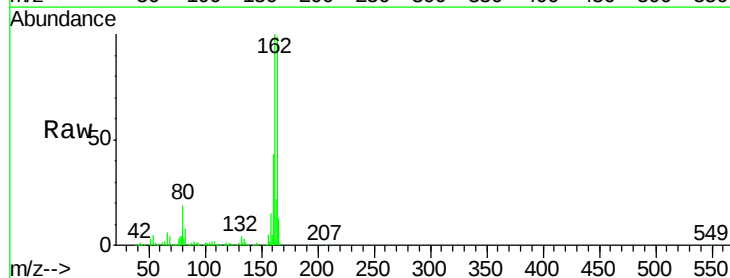
Tgt Ion:164 Resp: 383199

Ion Ratio Lower Upper

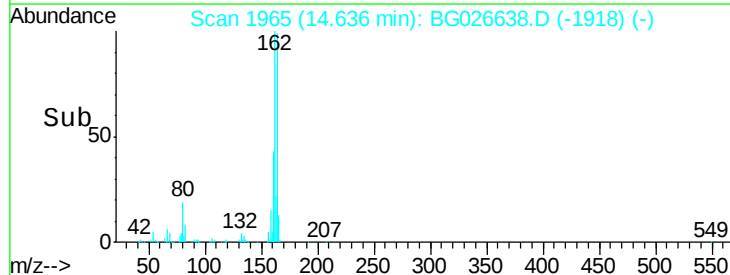
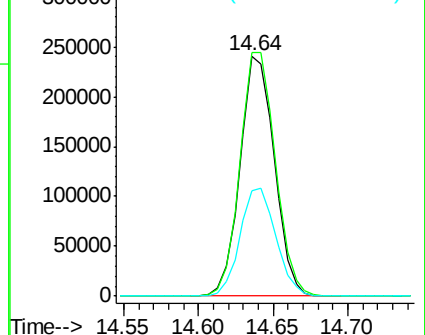
164 100

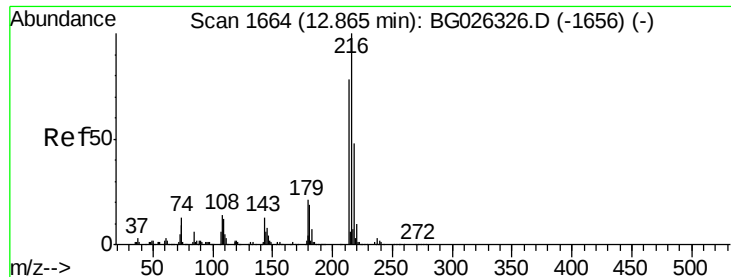
162 101.4 85.1 127.7

160 44.0 34.7 52.1



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.24 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

Instrument :

BNA_G

ClientSampleId :

PB98209BS

Tot Ion:216 Resp: 475471

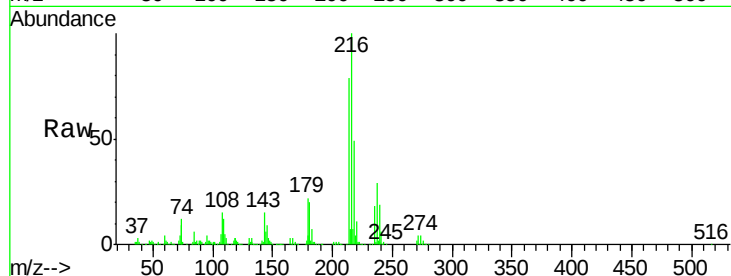
Ion Ratio Lower Upper

216 100

214 79.0 64.4 96.6

179 20.9 17.4 26.0

108 16.8 15.6 23.4

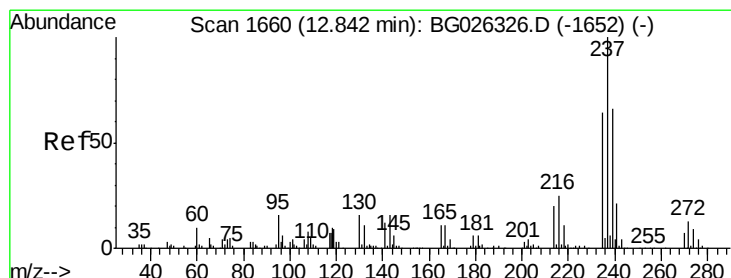
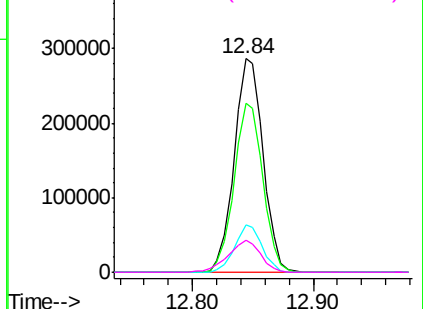
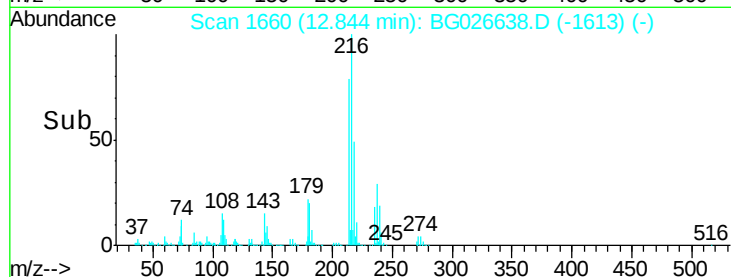


Abundance Ion 216.00 (215.70 to 216.70): E

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: 90.56 ng

RT: 12.83 min Scan# 1657

Delta R.T. -0.02 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

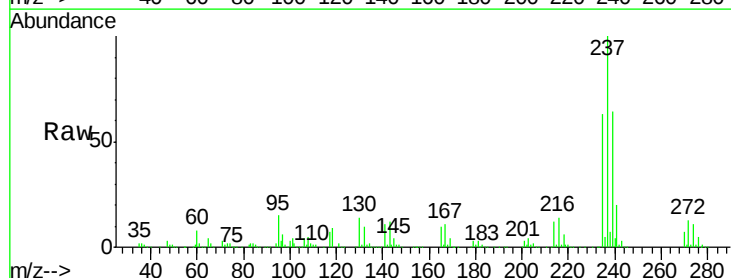
Tgt Ion:237 Resp: 549617

Ion Ratio Lower Upper

237 100

235 62.6 39.4 79.4

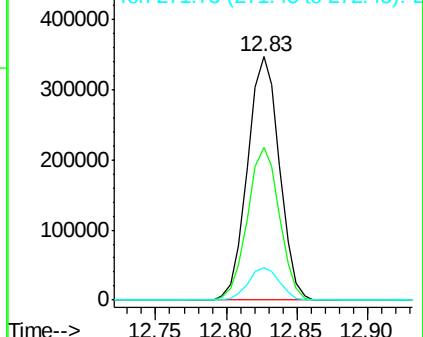
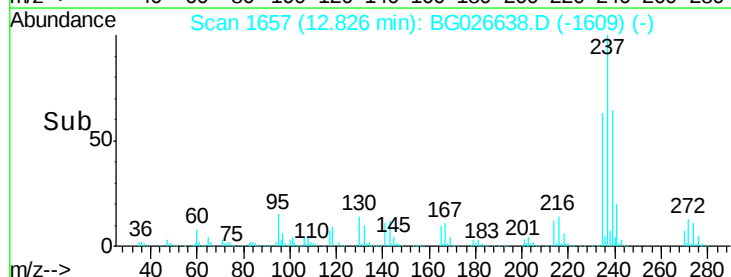
272 13.2 0.0 32.0

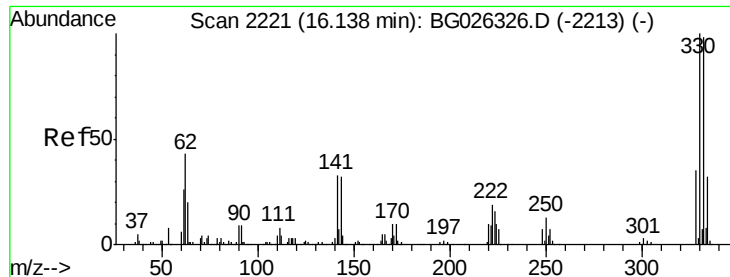


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 160.99 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.02 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

Instrument :

BNA_G

ClientSampleId :

PB98209BS

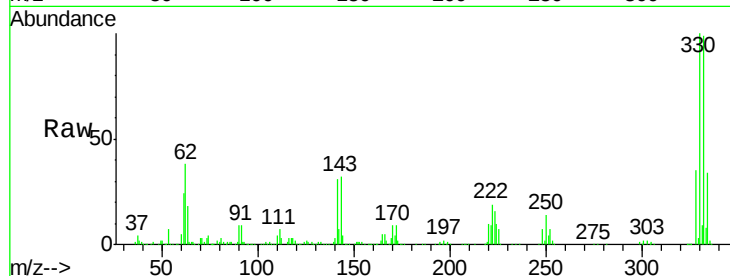
Tot Ion:330 Resp: 706463

Ion Ratio Lower Upper

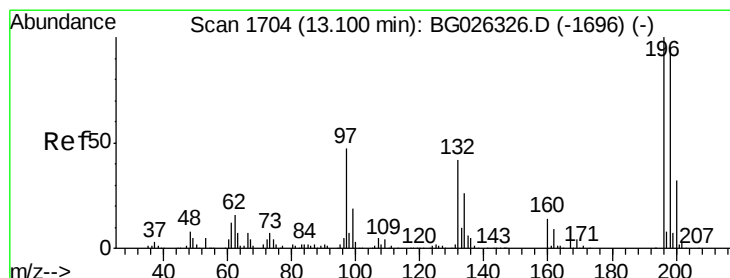
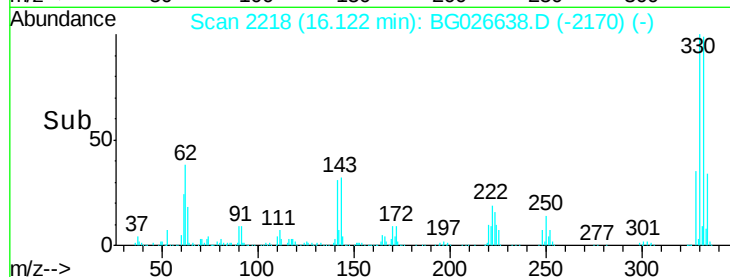
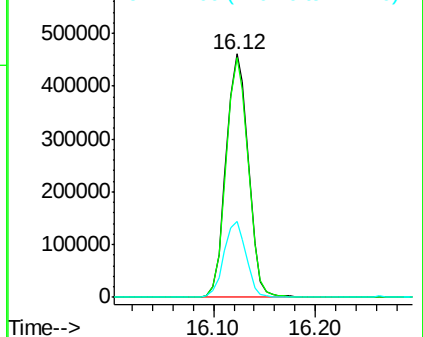
330 100

332 97.5 77.3 115.9

141 30.9 32.1 48.1#



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



#42

2,4,6-Trichlorophenol

Concen: 47.97 ng

RT: 13.08 min Scan# 1701

Delta R.T. -0.02 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

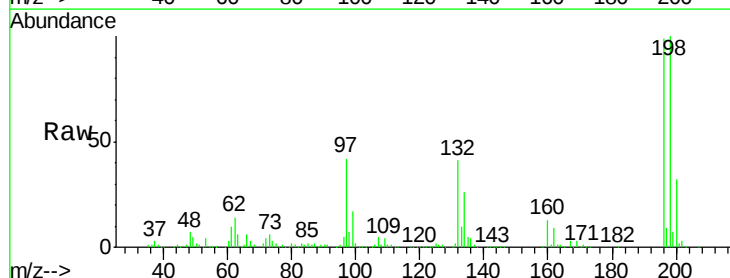
Tgt Ion:196 Resp: 362088

Ion Ratio Lower Upper

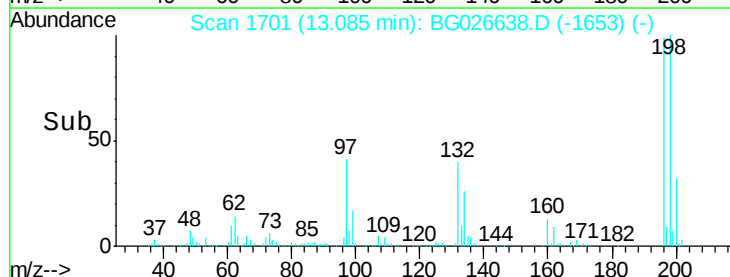
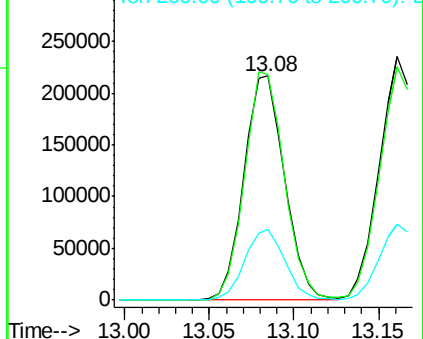
196 100

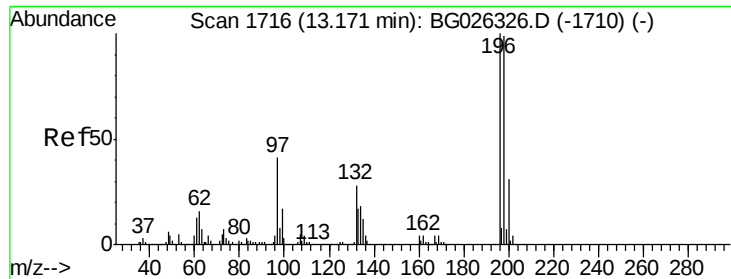
198 100.6 81.4 122.2

200 31.8 27.0 40.6



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

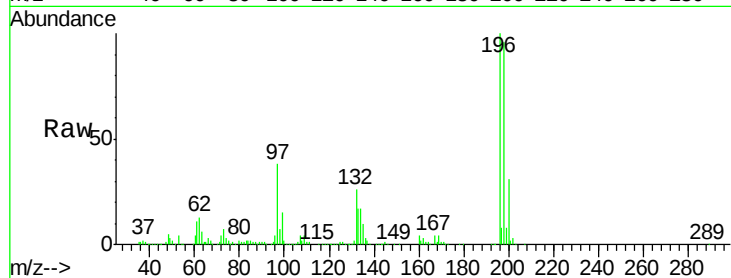




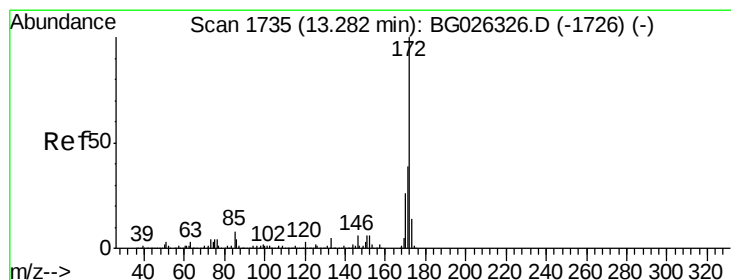
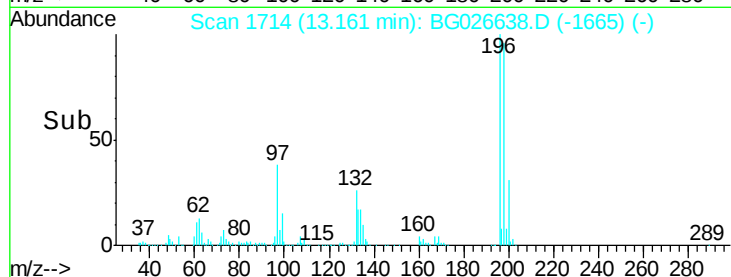
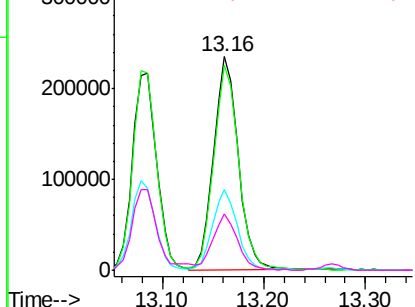
#43
 2,4,5-Trichlorophenol
 Concen: 47.56 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG026638.D
 Acq: 12 Apr 2017 16:35

Instrument :
 BNA_G
 ClientSampleId :
 PB98209BS

Tot Ion:196	Resp:	396886
Ion Ratio	Lower	Upper
196	100	
198	96.1	79.9 119.9
97	38.0	45.4 68.0#
132	26.1	20.7 31.1

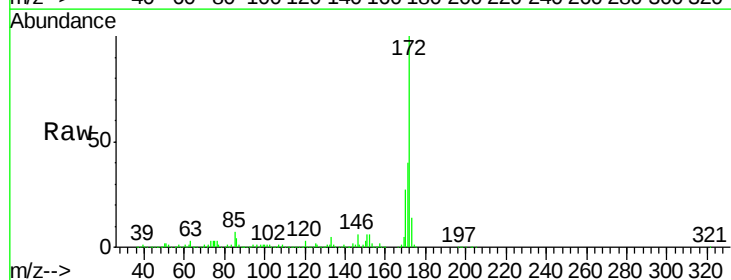


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

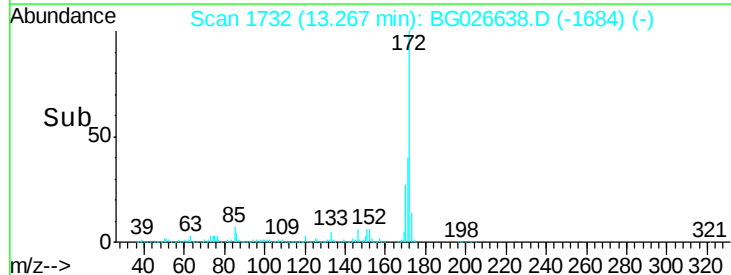
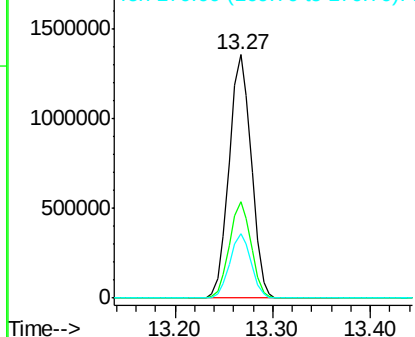


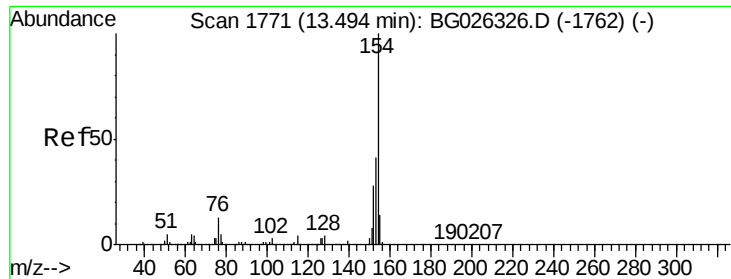
#44
 2-Fluorobiphenyl
 Concen: 78.05 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. -0.02 min
 Lab File: BG026638.D
 Acq: 12 Apr 2017 16:35

Tgt Ion:172	Resp:	2132775
Ion Ratio	Lower	Upper
172	100	
171	39.8	32.2 48.2
170	26.6	21.8 32.6



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

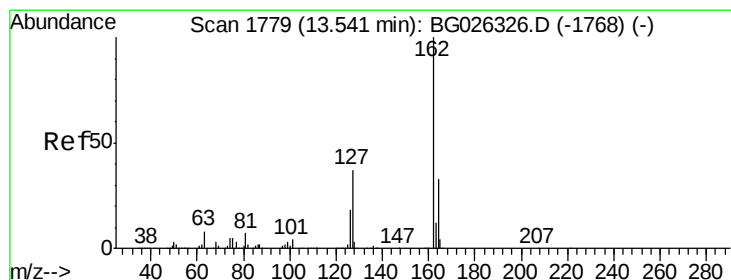
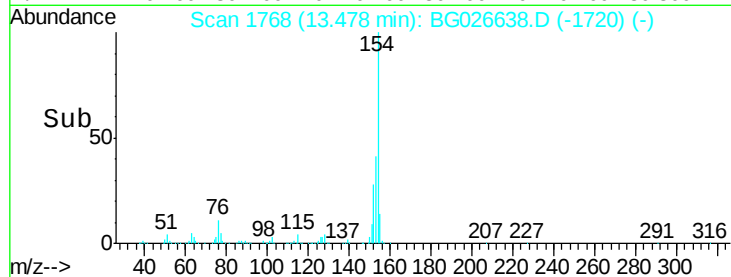
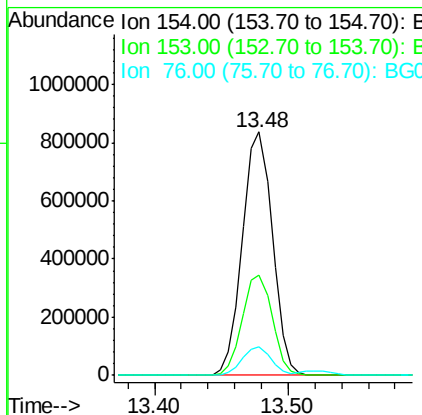
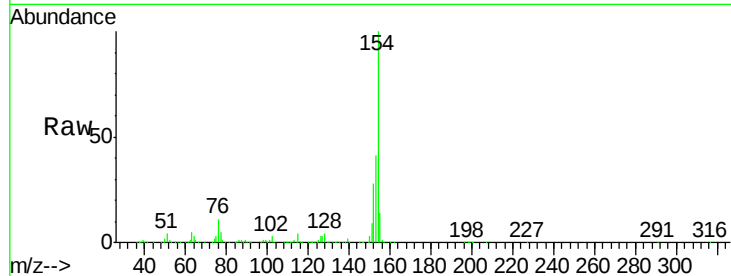




#45
 1,1'-Biphenyl
 Concen: 41.07 ng
 RT: 13.48 min Scan# 1768
 Delta R.T. -0.02 min
 Lab File: BG026638.D
 Acq: 12 Apr 2017 16:35

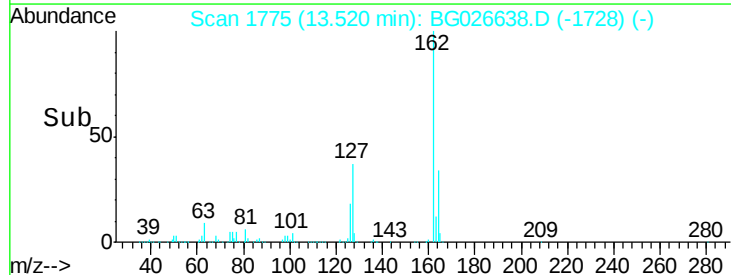
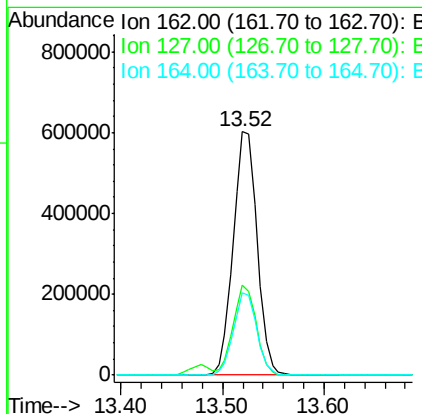
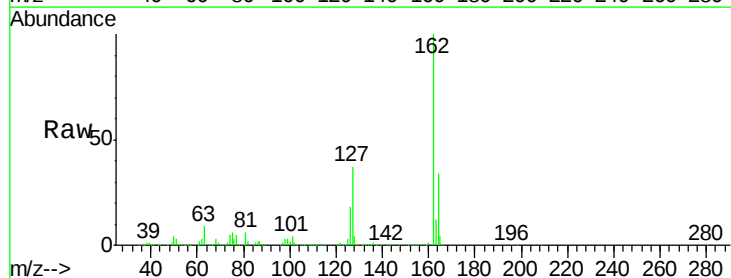
Instrument :
 BNA_G
 ClientSampled :
 PB98209BS

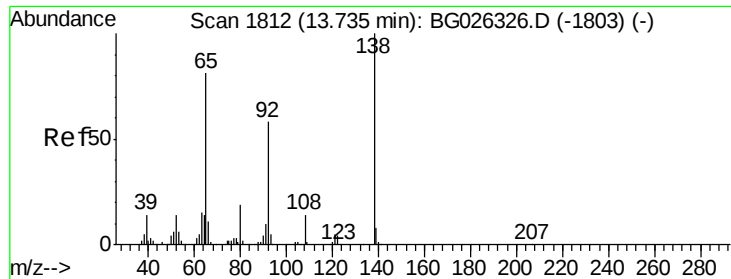
Tot Ion:154 Resp: 1303459
 Ion Ratio Lower Upper
 154 100
 153 41.0 23.0 63.0
 76 11.5 0.0 33.5



#46
 2-Chloronaphthalene
 Concen: 42.61 ng
 RT: 13.52 min Scan# 1775
 Delta R.T. -0.02 min
 Lab File: BG026638.D
 Acq: 12 Apr 2017 16:35

Tgt Ion:162 Resp: 987713
 Ion Ratio Lower Upper
 162 100
 127 36.9 32.2 48.4
 164 34.0 27.3 40.9

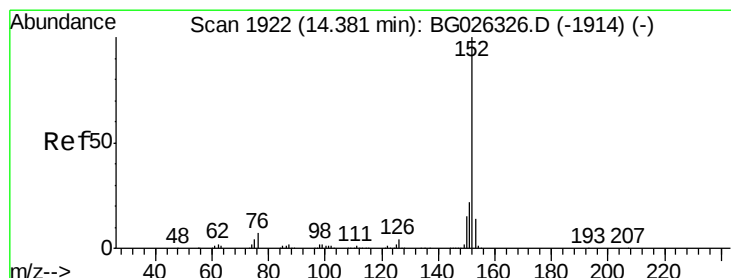
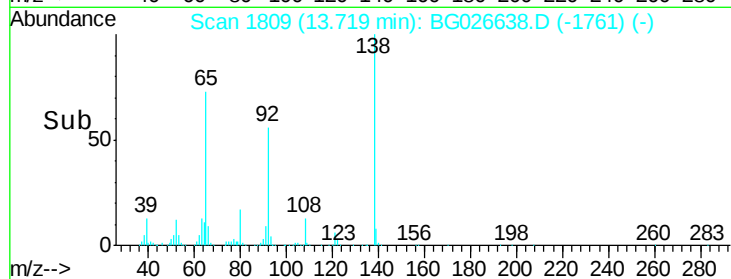
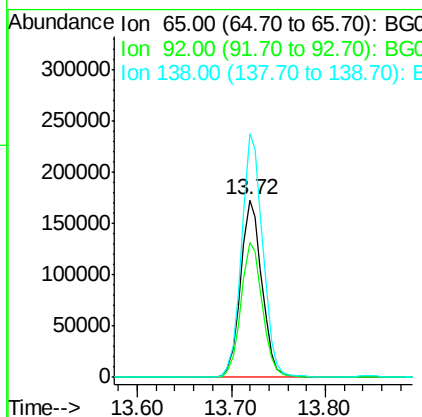
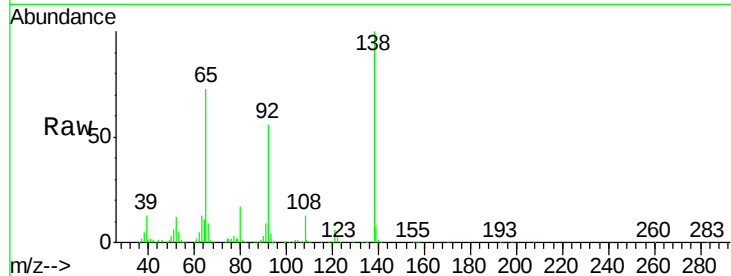




#47
2-Nitroaniline
Concen: 41.23 ng
RT: 13.72 min Scan# 1809
Delta R.T. -0.02 min
Lab File: BG026638.D
Acq: 12 Apr 2017 16:35

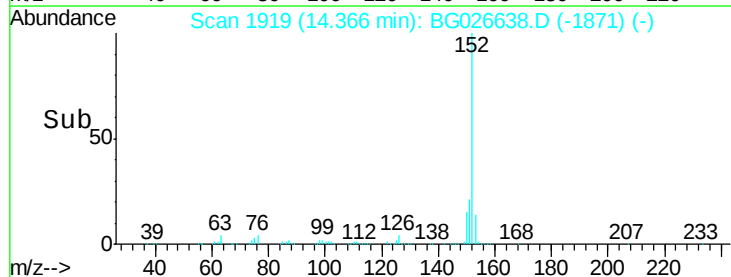
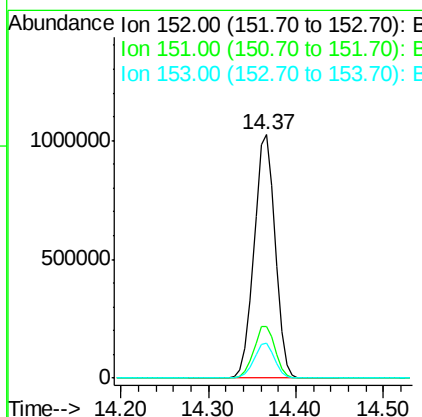
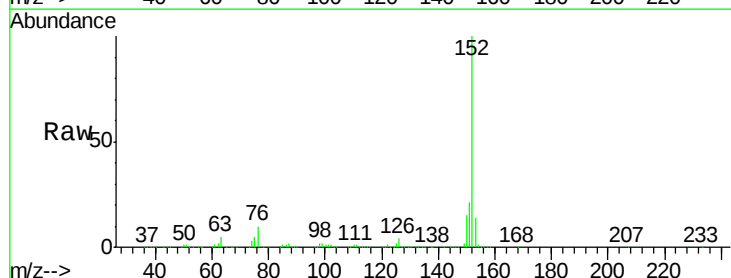
Instrument :
BNA_G
ClientSampleId :
PB98209BS

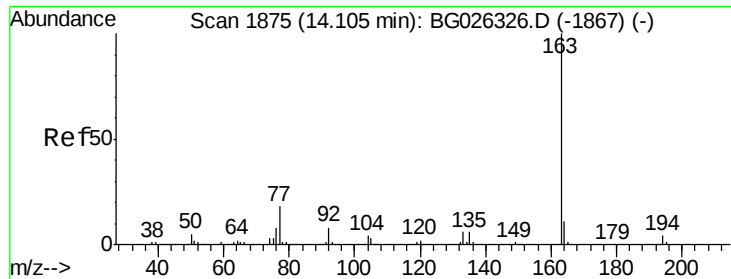
Tot Ion: 65 Resp: 271731
Ion Ratio Lower Upper
65 100
92 76.3 49.0 73.4#
138 137.3 58.6 87.8#



#48
Acenaphthylene
Concen: 41.43 ng
RT: 14.37 min Scan# 1919
Delta R.T. -0.02 min
Lab File: BG026638.D
Acq: 12 Apr 2017 16:35

Tgt Ion: 152 Resp: 1673779
Ion Ratio Lower Upper
152 100
151 21.3 18.2 27.2
153 14.4 11.3 16.9





#49

Dimethylphthalate

Concen: 47.66 ng

RT: 14.09 min Scan# 1872

Delta R.T. -0.02 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

Instrument :

BNA_G

ClientSampleId :

PB98209BS

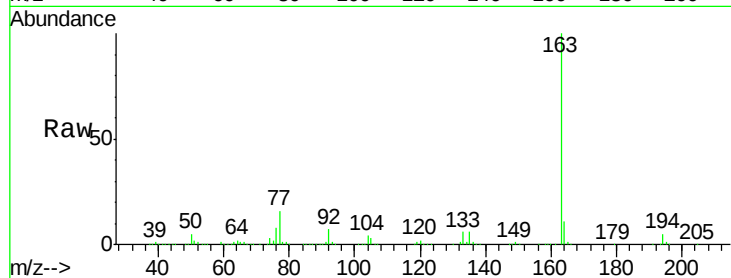
Tot Ion:163 Resp: 1378481

Ion Ratio Lower Upper

163 100

194 4.7 3.8 5.6

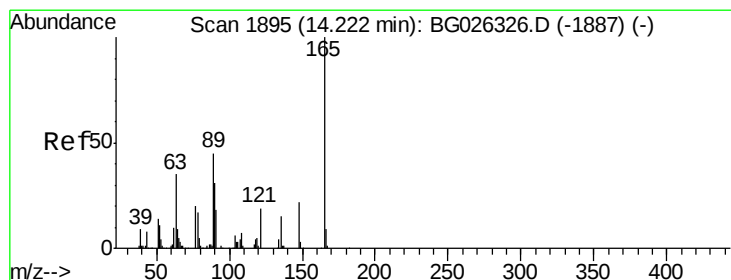
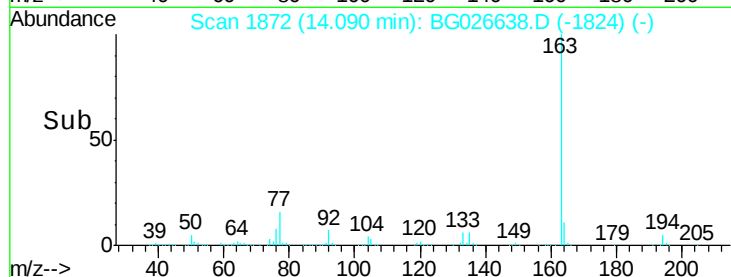
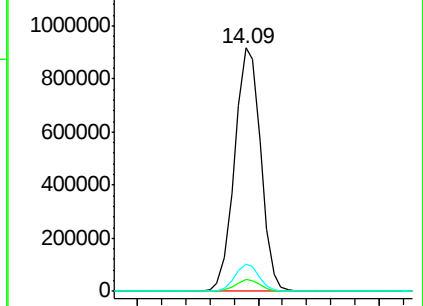
164 11.2 9.3 13.9



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: 48.48 ng

RT: 14.21 min Scan# 1893

Delta R.T. -0.01 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

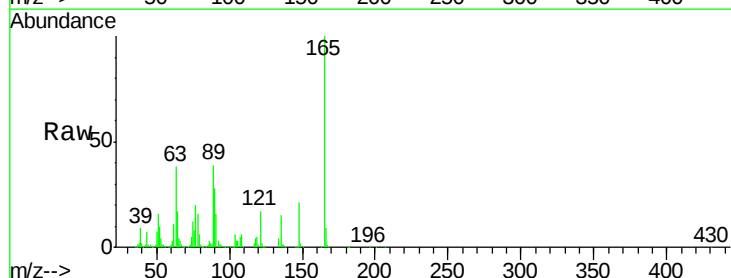
Tgt Ion:165 Resp: 327253

Ion Ratio Lower Upper

165 100

63 38.5 63.9 95.9#

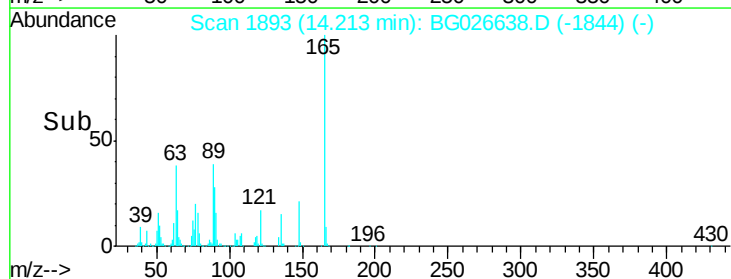
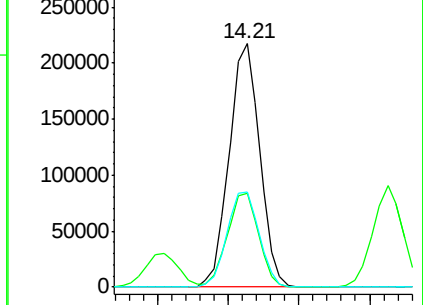
89 39.0 58.6 88.0#

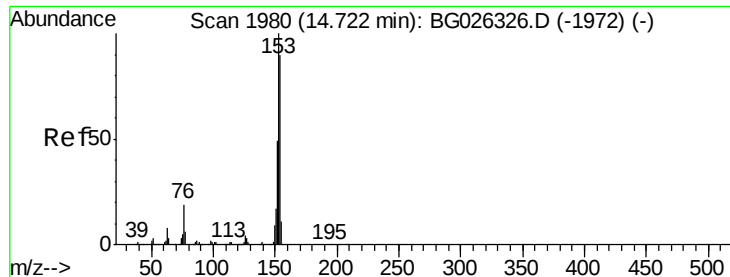


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 42.11 ng

RT: 14.71 min Scan# 1977

Delta R.T. -0.02 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

Instrument :

BNA_G

ClientSampleId :

PB98209BS

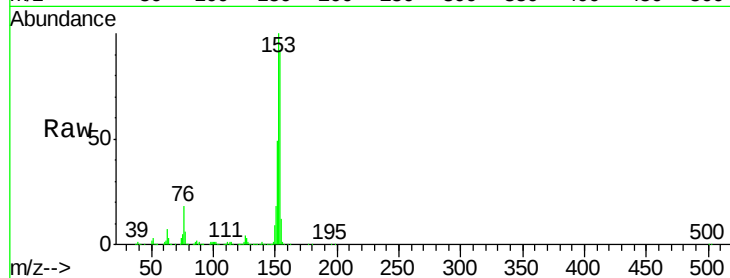
Tot Ion:154 Resp: 1047667

Ion Ratio Lower Upper

154 100

153 109.0 87.8 131.6

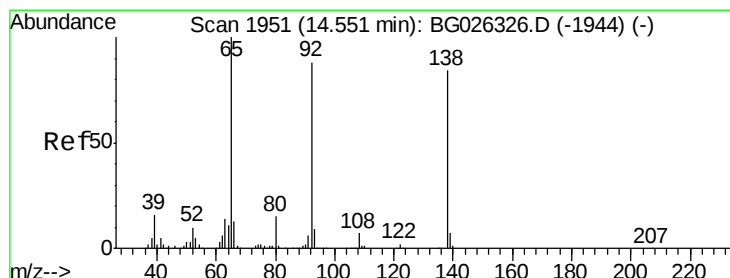
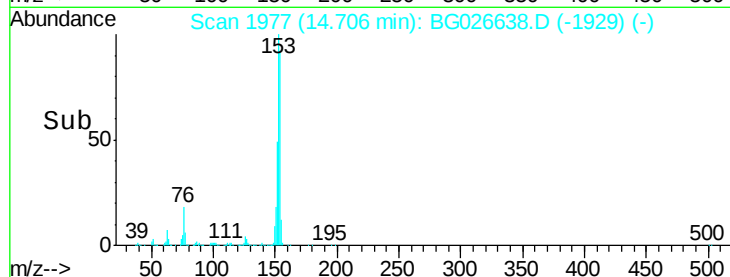
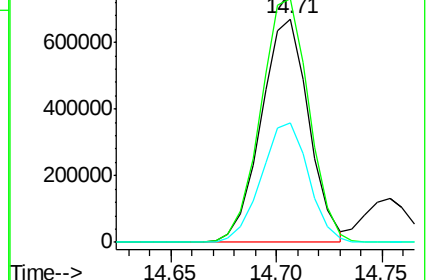
152 53.5 42.2 63.4



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: 17.66 ng

RT: 14.54 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

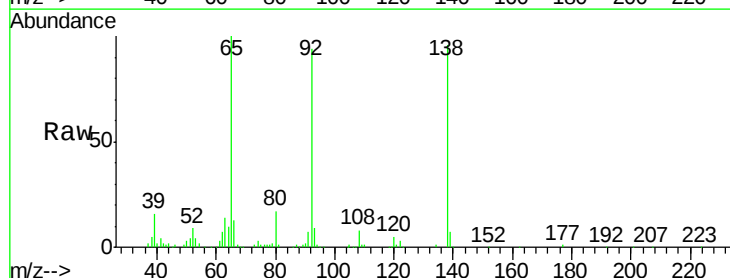
Tgt Ion:138 Resp: 131289

Ion Ratio Lower Upper

138 100

108 8.3 10.9 16.3#

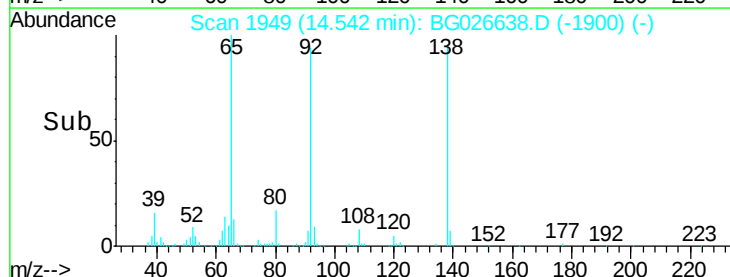
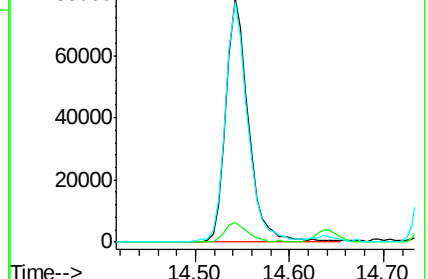
92 98.4 115.3 172.9#

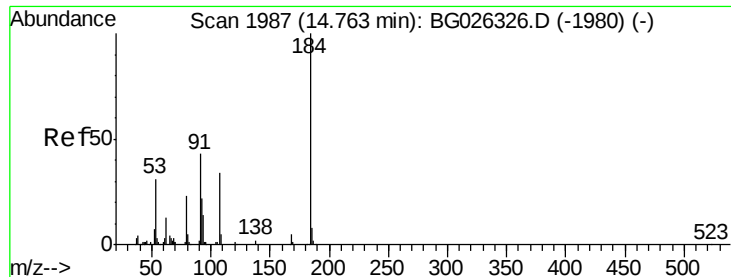


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 104.54 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

Instrument :

BNA_G

ClientSampleId :

PB98209BS

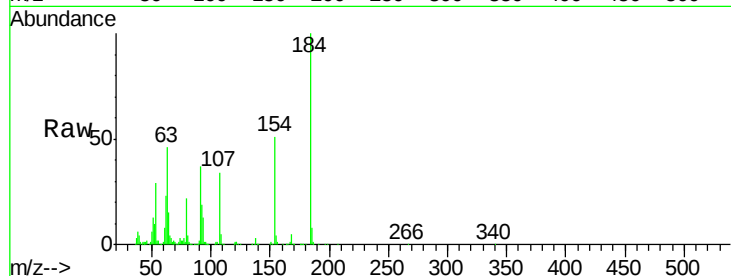
Tot Ion:184 Resp: 409361

Ion Ratio Lower Upper

184 100

63 46.2 52.7 79.1#

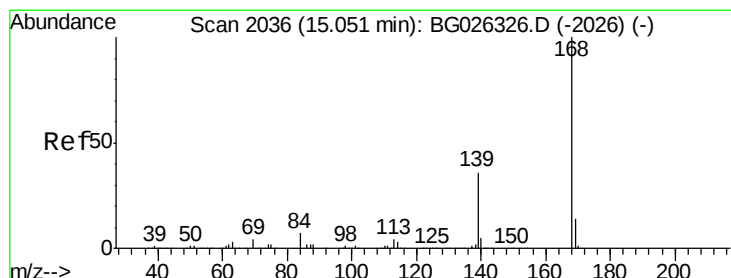
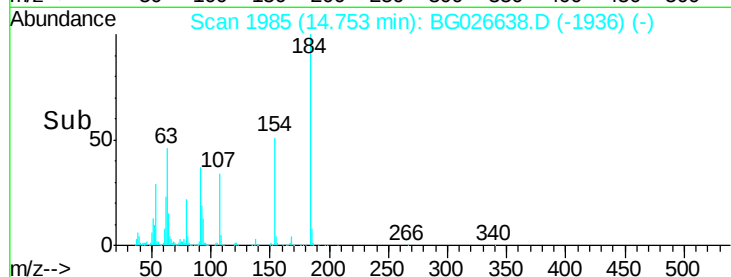
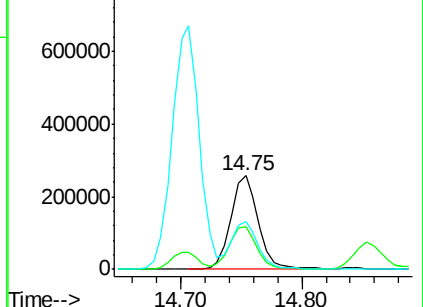
154 51.0 57.3 85.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 46.82 ng

RT: 15.04 min Scan# 2033

Delta R.T. -0.02 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

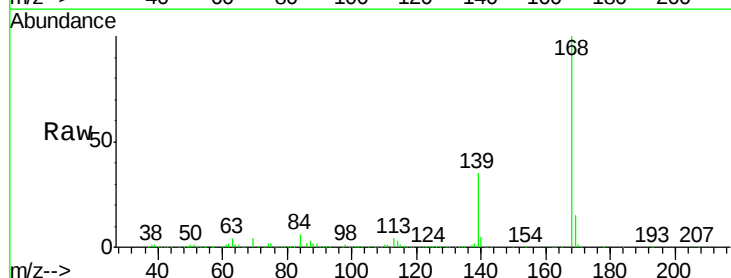
Tgt Ion:168 Resp: 1640108

Ion Ratio Lower Upper

168 100

139 35.0 35.3 52.9#

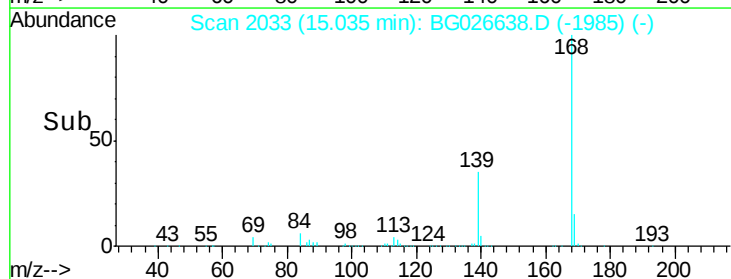
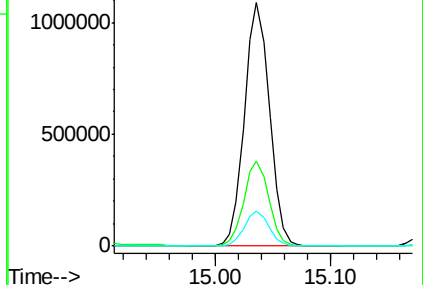
169 14.6 11.5 17.3

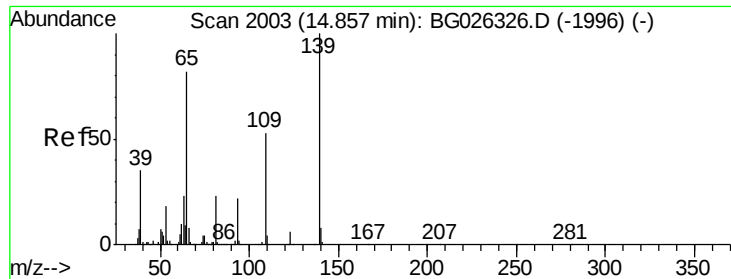


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

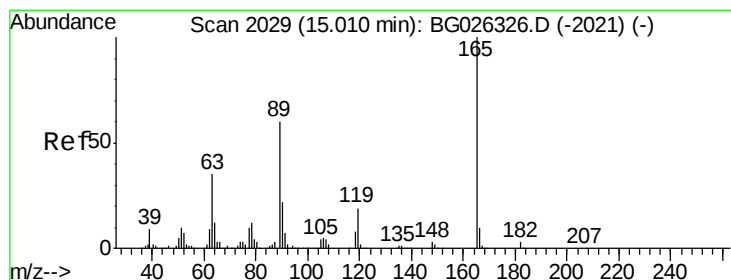
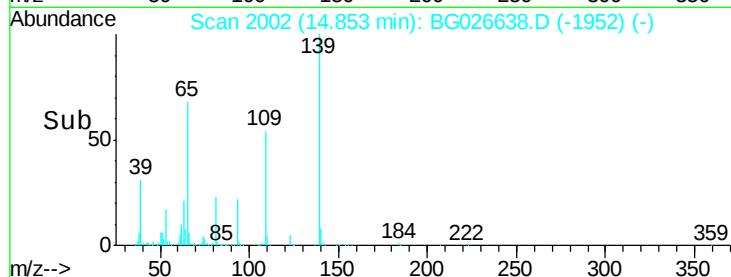
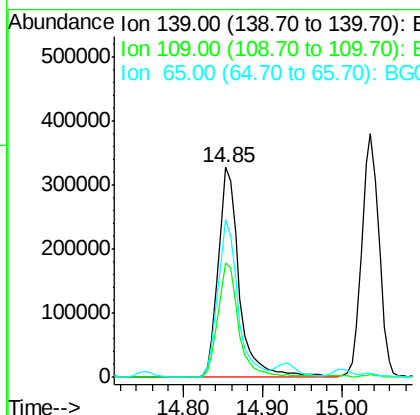
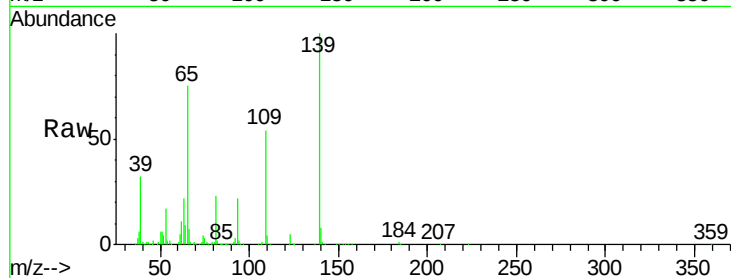




#55
4-Nitrophenol
Concen: 99.71 ng
RT: 14.85 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BG026638.D
Acq: 12 Apr 2017 16:35

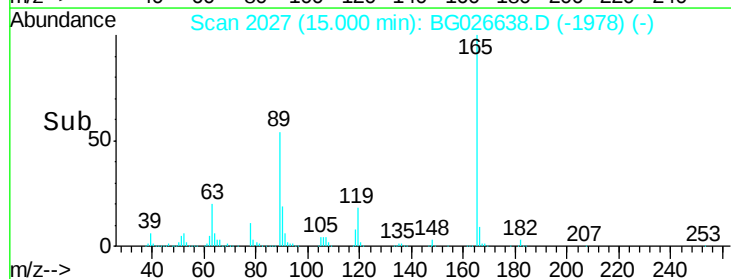
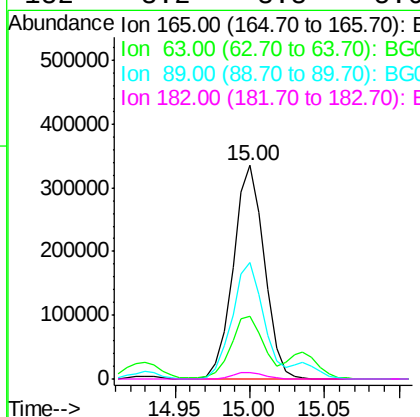
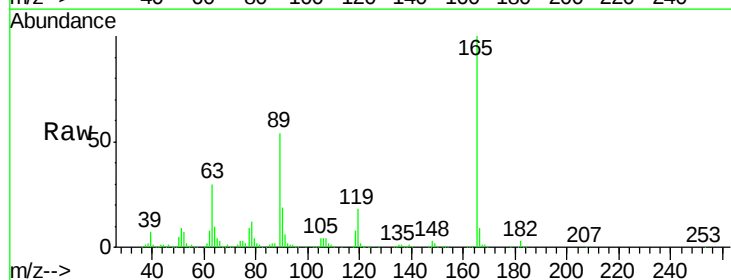
Instrument :
BNA_G
ClientSampleId :
PB98209BS

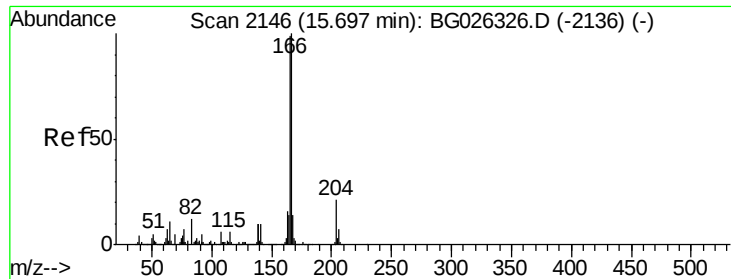
Tot Ion:139 Resp: 606916
Ion Ratio Lower Upper
139 100
109 54.1 101.2 141.2#
65 75.3 135.3 175.3#



#56
2,4-Dinitrotoluene
Concen: 51.10 ng
RT: 15.00 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BG026638.D
Acq: 12 Apr 2017 16:35

Tgt Ion:165 Resp: 485187
Ion Ratio Lower Upper
165 100
63 29.6 44.0 66.0#
89 54.5 67.3 100.9#
182 3.2 3.8 5.6#





#57

Fluorene

Concen: 44.74 ng

RT: 15.68 min Scan# 2143

Delta R.T. -0.02 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

Instrument :

BNA_G

ClientSampleId :

PB98209BS

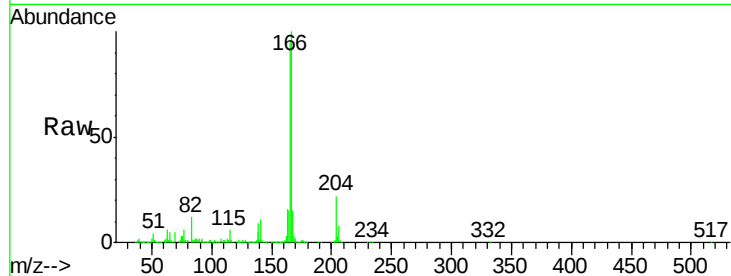
Tot Ion:166 Resp: 1394896

Ion Ratio Lower Upper

166 100

165 96.3 78.6 117.8

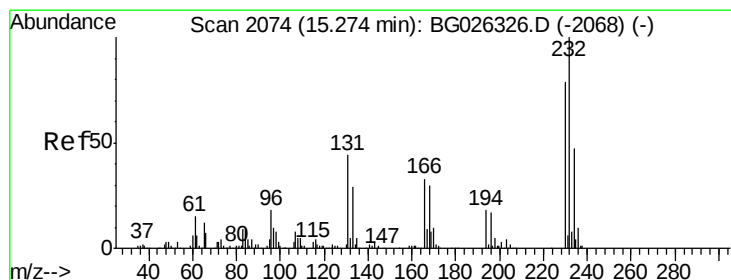
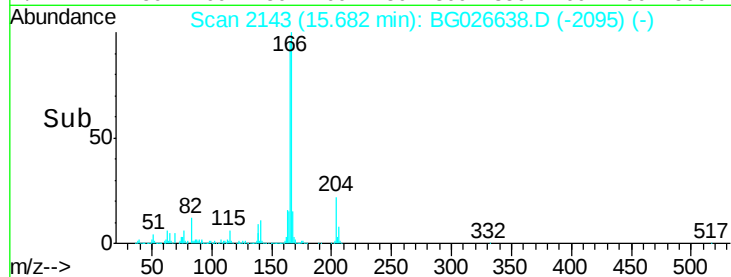
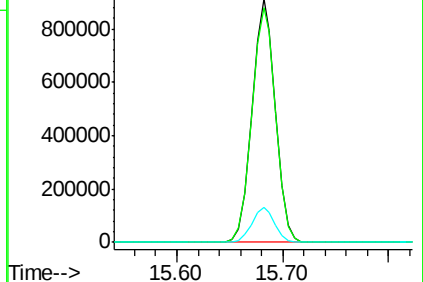
167 14.6 11.6 17.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 53.49 ng

RT: 15.26 min Scan# 2072

Delta R.T. -0.01 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

Tgt Ion:232 Resp: 389279

Ion Ratio Lower Upper

232 100

131 38.8 34.9 52.3

130 2.2 2.3 3.5#

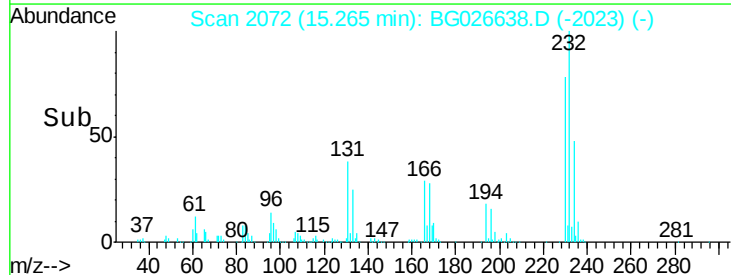
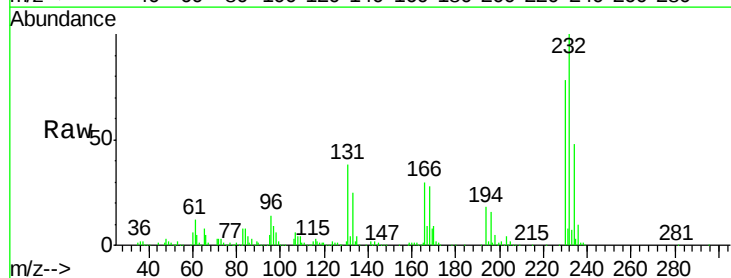
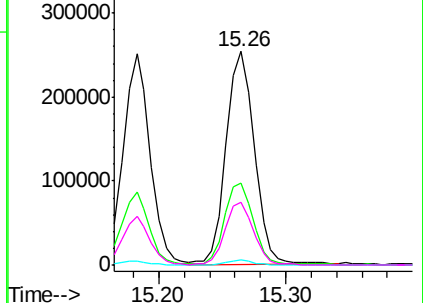
166 29.3 24.2 36.4

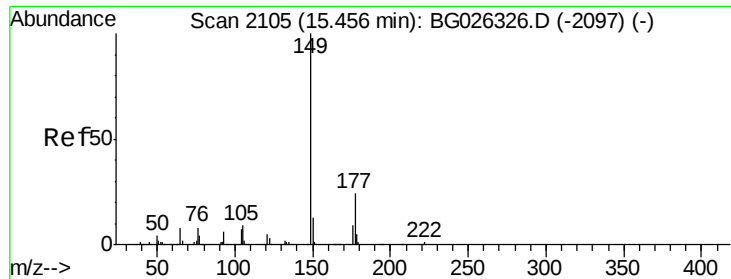
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

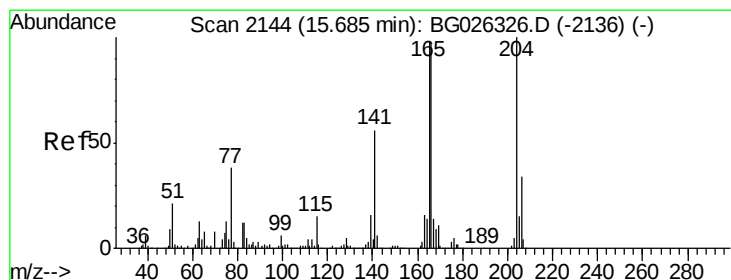
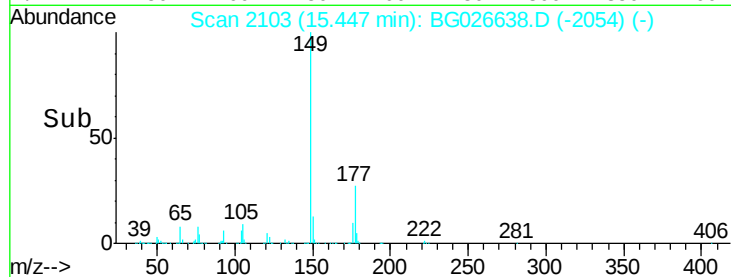
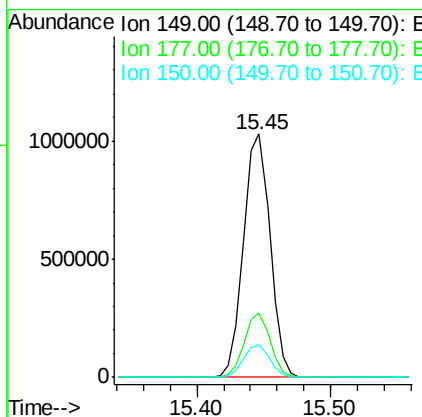
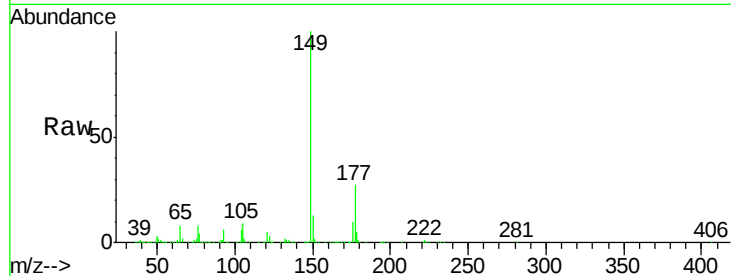




#59
Diethylphthalate
Concen: 47.75 ng
RT: 15.45 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BG026638.D
Acq: 12 Apr 2017 16:35

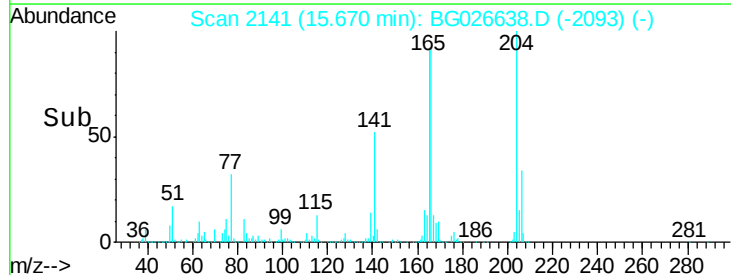
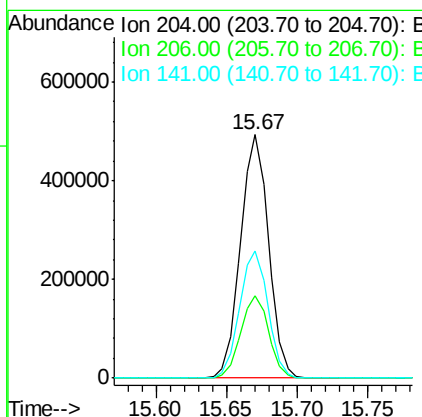
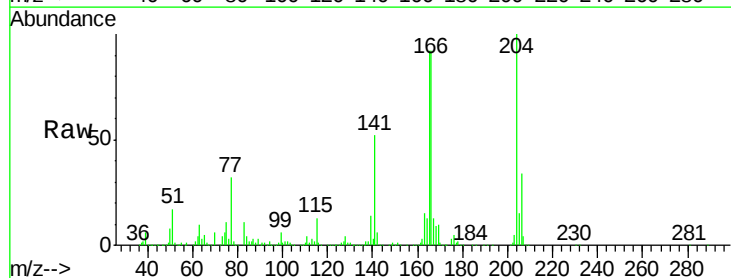
Instrument :
BNA_G
ClientSampleId :
PB98209BS

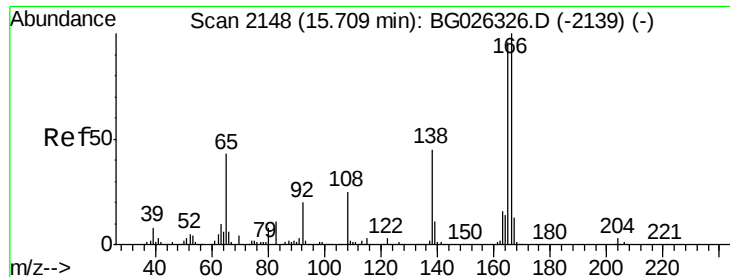
Tot Ion:149 Resp: 1411550
Ion Ratio Lower Upper
149 100
177 26.6 20.1 30.1
150 13.4 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 46.35 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.02 min
Lab File: BG026638.D
Acq: 12 Apr 2017 16:35

Tgt Ion:204 Resp: 684811
Ion Ratio Lower Upper
204 100
206 33.8 30.1 45.1
141 52.0 50.6 76.0





#61

4-Nitroaniline

Concen: 47.51 ng

RT: 15.70 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

Instrument :

BNA_G

ClientSampled :

PB98209BS

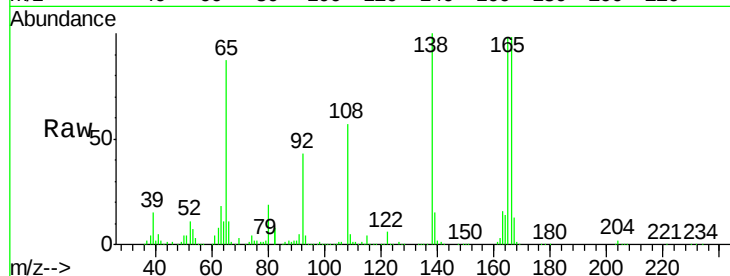
Tot Ion:138 Resp: 373543

Ion Ratio Lower Upper

138 100

92 42.7 44.2 84.2#

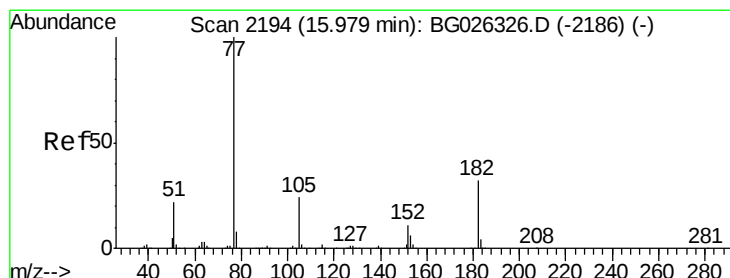
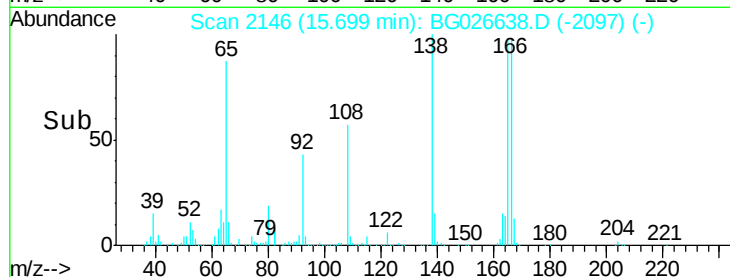
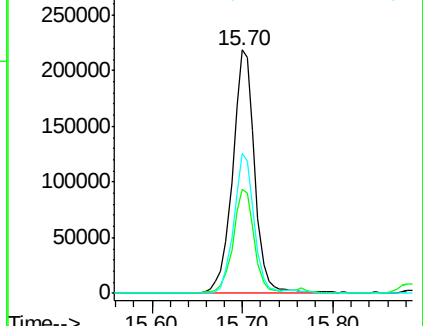
108 57.5 104.8 144.8#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.11 ng

RT: 15.96 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

Tgt Ion: 77 Resp: 1084211

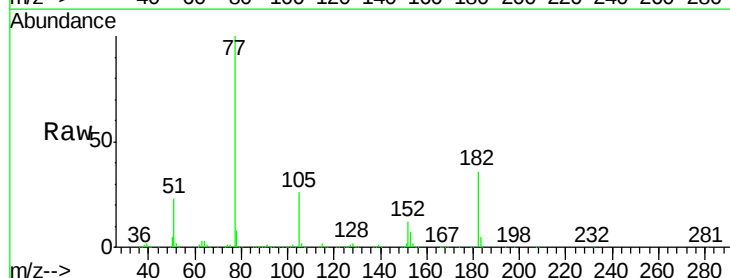
Ion Ratio Lower Upper

77 100

182 35.8 4.7 44.7

105 26.4 0.0 36.3

51 22.6 16.4 56.4

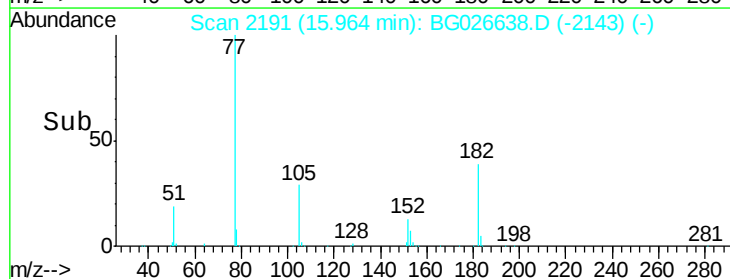
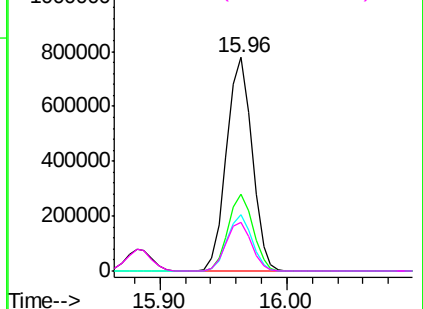


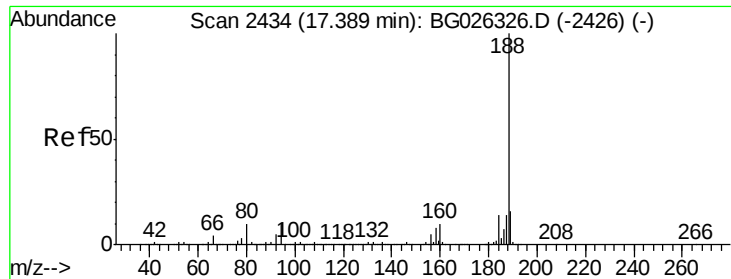
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

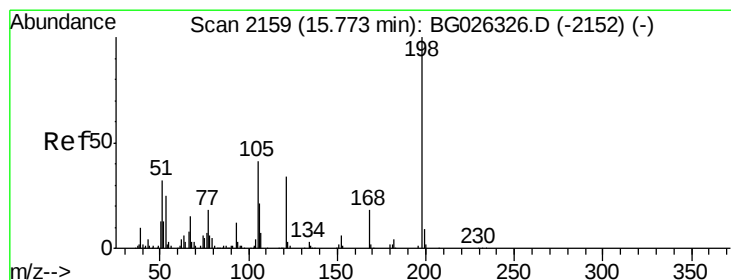
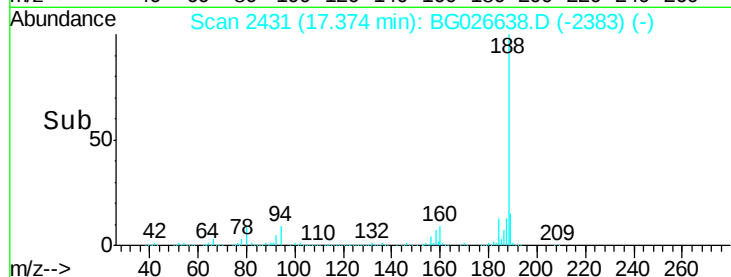
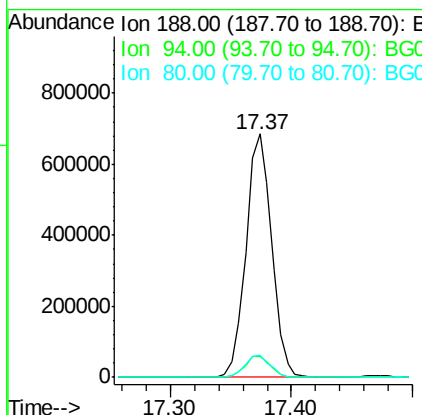
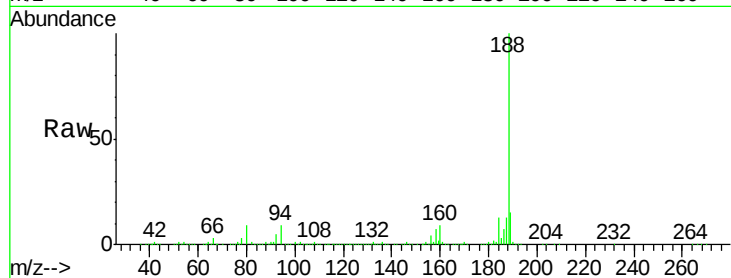




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG026638.D
Acq: 12 Apr 2017 16:35

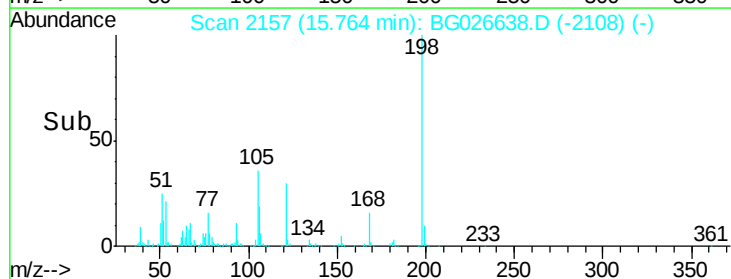
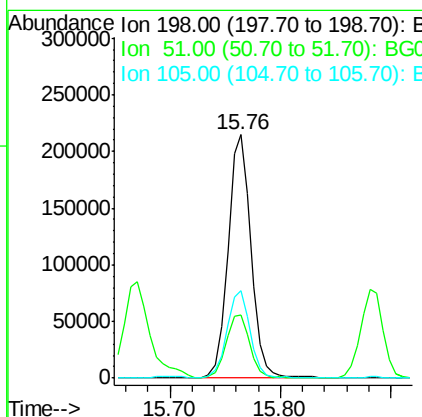
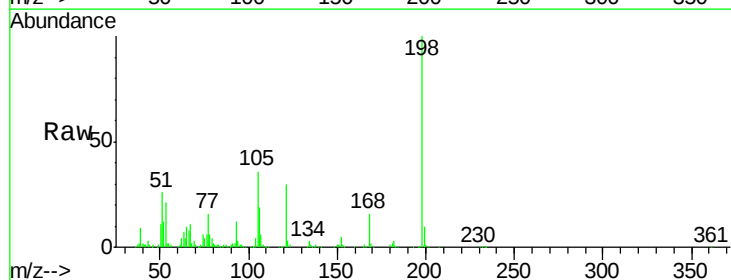
Instrument :
BNA_G
ClientSampleId :
PB98209BS

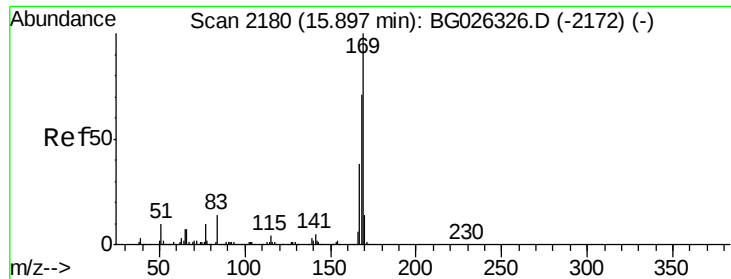
Tot Ion:188 Resp: 1018069
Ion Ratio Lower Upper
188 100
94 8.7 5.8 8.8
80 9.3 7.5 11.3



#64
4,6-Dinitro-2-methylphenol
Concen: 48.64 ng
RT: 15.76 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BG026638.D
Acq: 12 Apr 2017 16:35

Tgt Ion:198 Resp: 312219
Ion Ratio Lower Upper
198 100
51 25.7 22.6 62.6
105 35.9 14.4 54.4

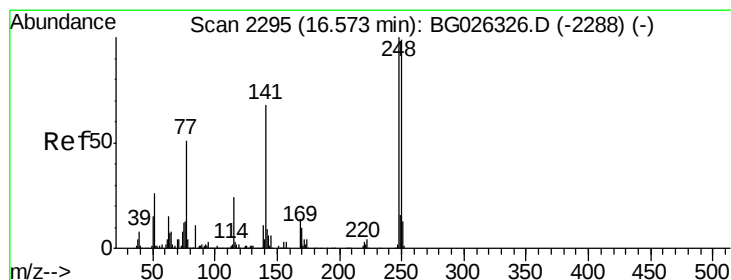
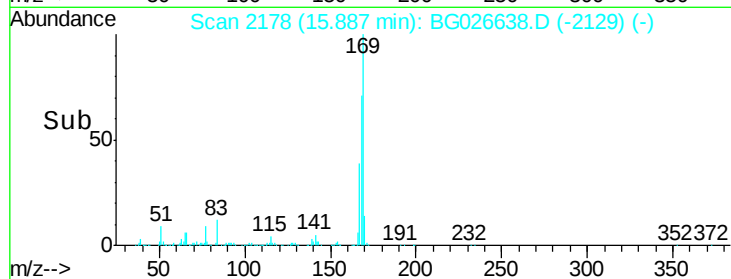
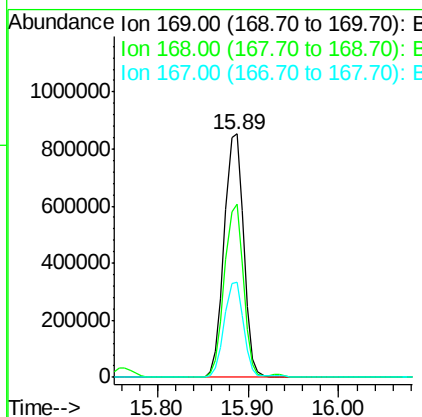
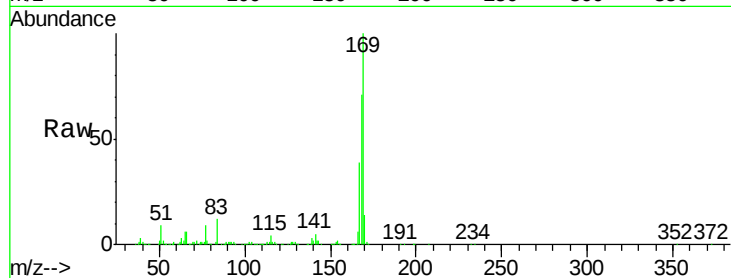




#65
 n-Nitrosodiphenylamine
 Concen: 42.47 ng
 RT: 15.89 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: BG026638.D
 Acq: 12 Apr 2017 16:35

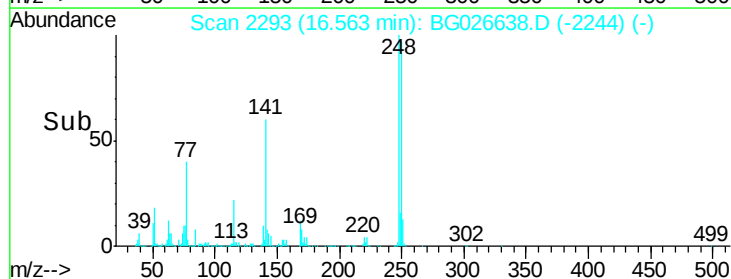
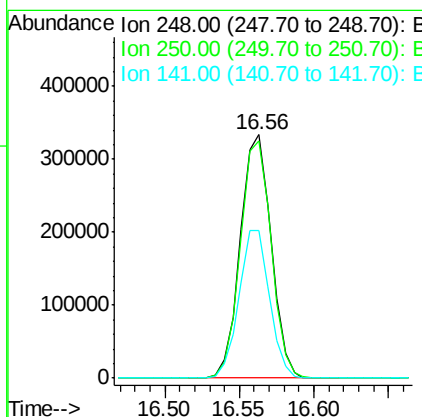
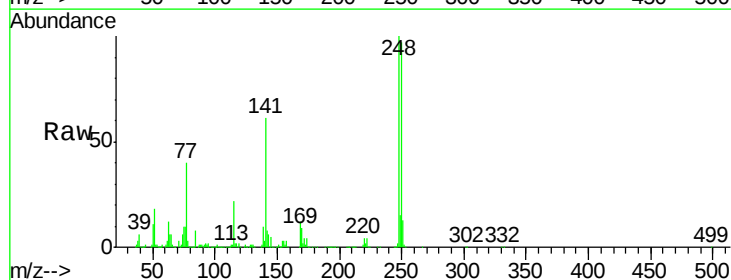
Instrument :
 BNA_G
 ClientSampleId :
 PB98209BS

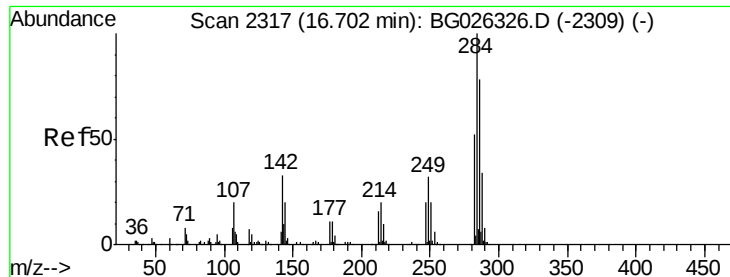
Tot Ion:169 Resp: 1268838
 Ion Ratio Lower Upper
 169 100
 168 71.4 55.7 83.5
 167 39.1 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 45.56 ng
 RT: 16.56 min Scan# 2293
 Delta R.T. -0.01 min
 Lab File: BG026638.D
 Acq: 12 Apr 2017 16:35

Tgt Ion:248 Resp: 477438
 Ion Ratio Lower Upper
 248 100
 250 97.4 75.0 112.6
 141 60.6 55.2 82.8





#67

Hexachlorobenzene

Concen: 46.00 ng

RT: 16.69 min Scan# 2314

Delta R.T. -0.02 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

Instrument :

BNA_G

ClientSampleId :

PB98209BS

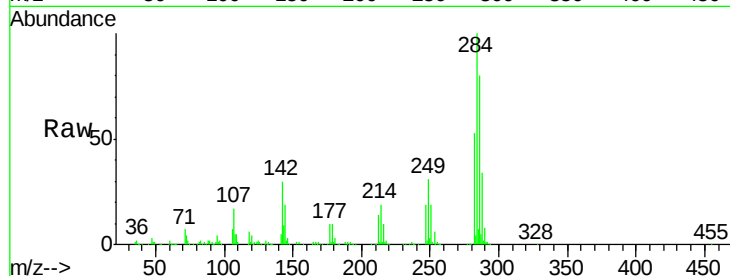
Tot Ion:284 Resp: 514148

Ion Ratio Lower Upper

284 100

142 30.2 29.9 44.9

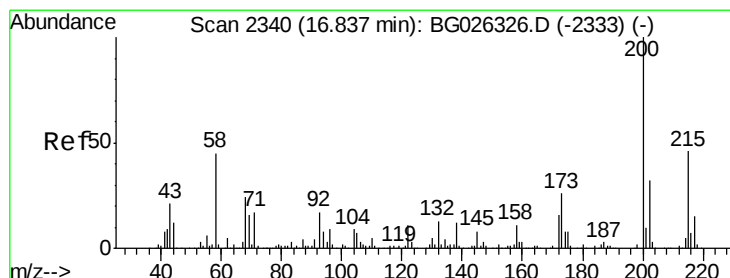
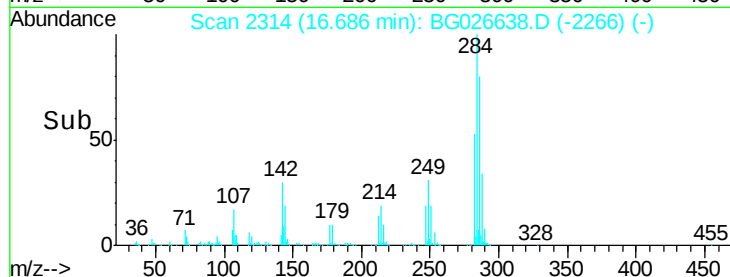
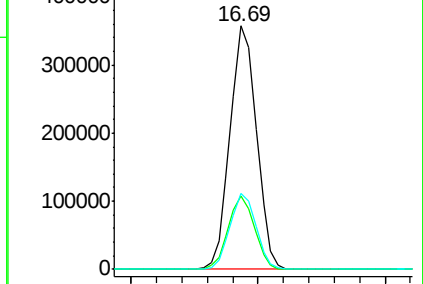
249 31.4 29.2 43.8



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



#68

Atrazine

Concen: 43.06 ng

RT: 16.83 min Scan# 2338

Delta R.T. -0.01 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

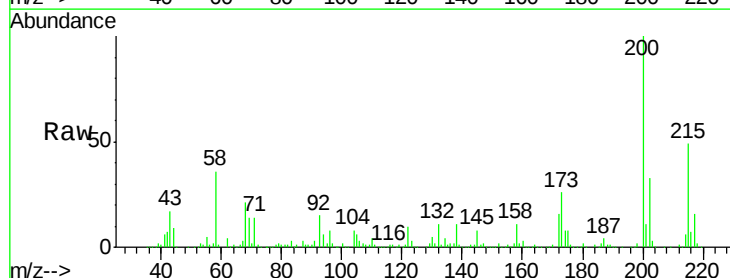
Tgt Ion:200 Resp: 487037

Ion Ratio Lower Upper

200 100

173 26.4 3.0 43.0

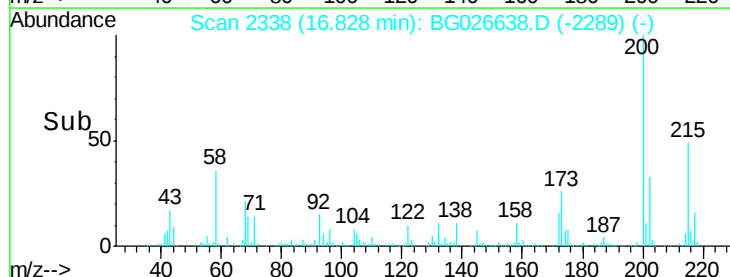
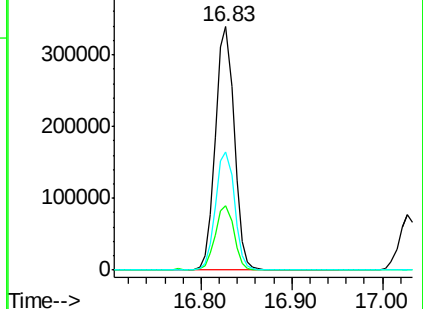
215 48.7 28.4 68.4

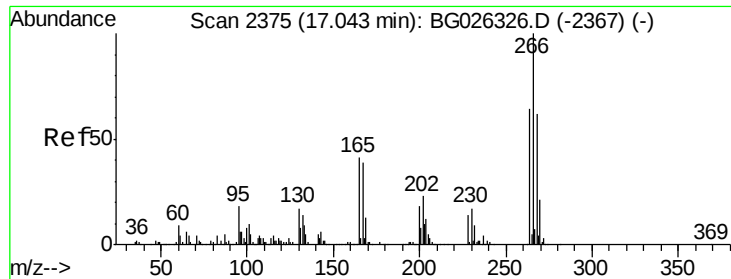


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

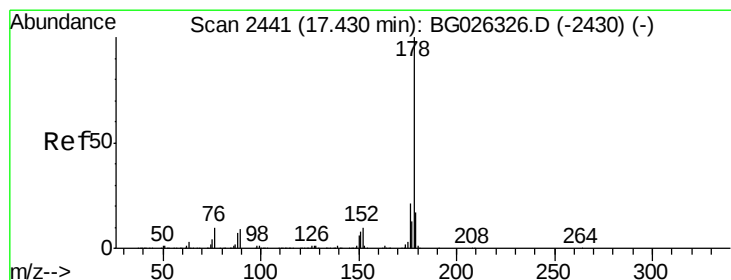
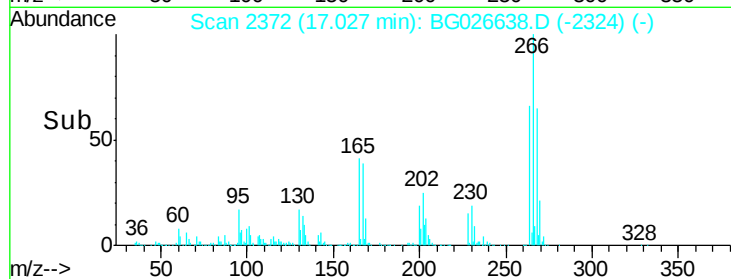
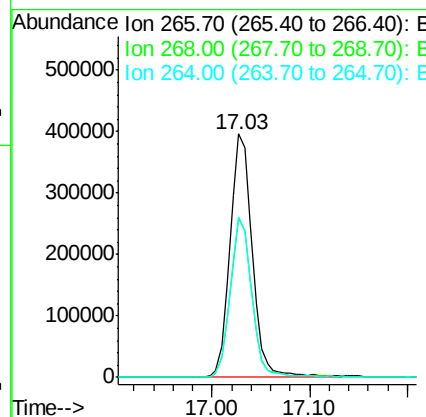
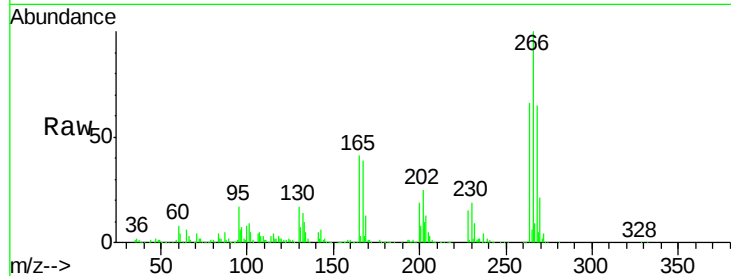




#69
 Pentachlorophenol
 Concen: 86.56 ng
 RT: 17.03 min Scan# 2372
 Delta R.T. -0.02 min
 Lab File: BG026638.D
 Acq: 12 Apr 2017 16:35

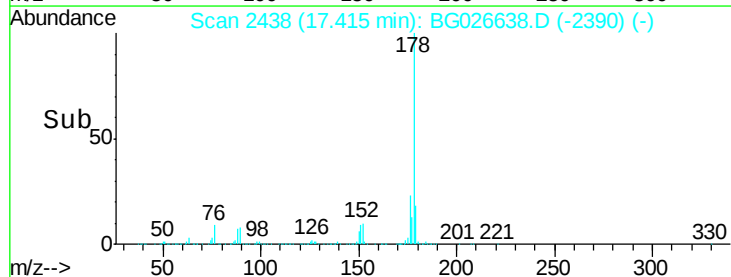
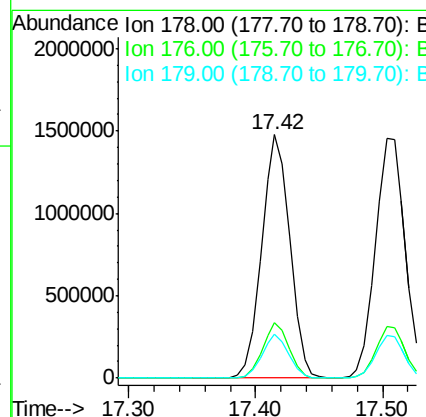
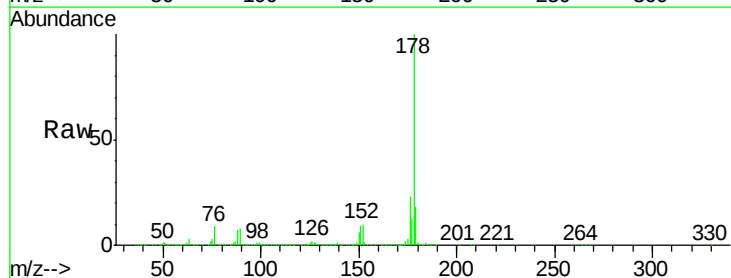
Instrument :
 BNA_G
 ClientSampleId :
 PB98209BS

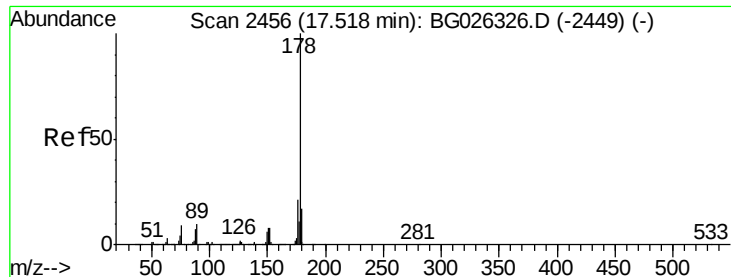
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.4	48.6	72.8
264	65.7	50.1	75.1



#70
 Phenanthrene
 Concen: 41.65 ng
 RT: 17.42 min Scan# 2438
 Delta R.T. -0.02 min
 Lab File: BG026638.D
 Acq: 12 Apr 2017 16:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.5	17.7	26.5
179	17.9	15.0	22.6

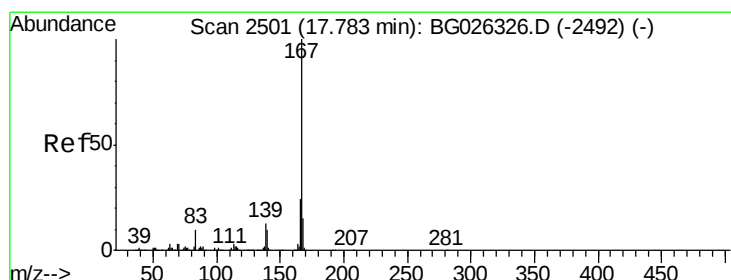
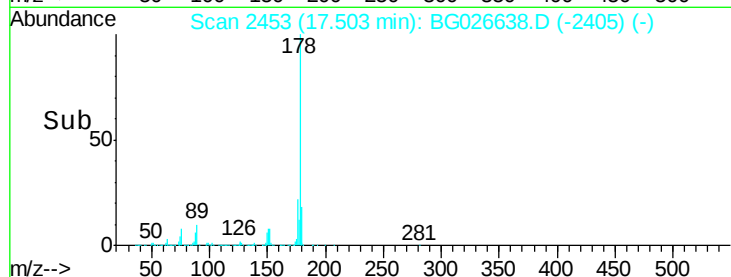
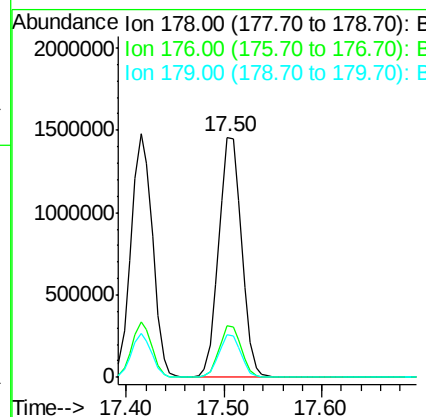
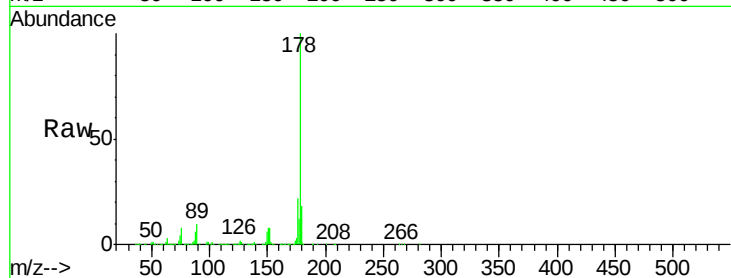




#71
 Anthracene
 Concen: 42.54 ng
 RT: 17.50 min Scan# 2453
 Delta R.T. -0.02 min
 Lab File: BG026638.D
 Acq: 12 Apr 2017 16:35

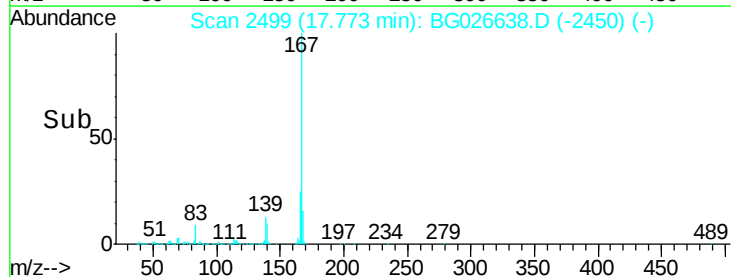
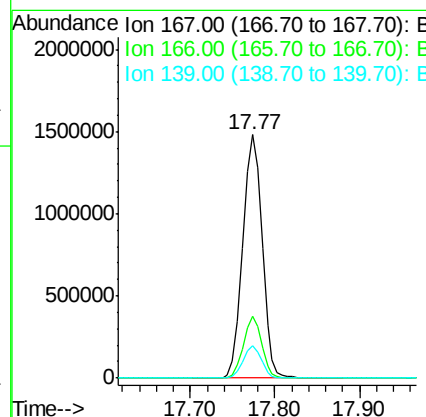
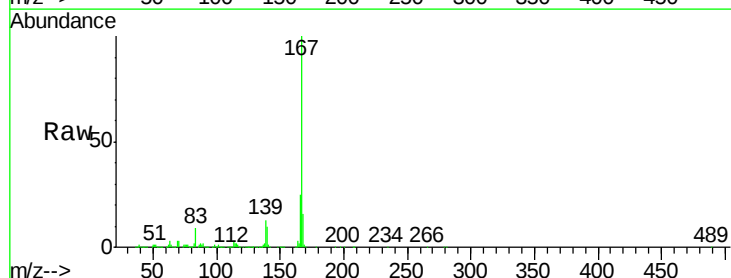
Instrument :
 BNA_G
 ClientSampleId :
 PB98209BS

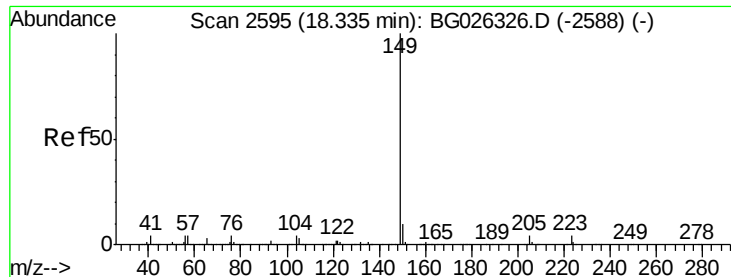
Tot Ion:178 Resp: 2372566
 Ion Ratio Lower Upper
 178 100
 176 21.6 16.4 24.6
 179 17.7 13.8 20.8



#72
 Carbazole
 Concen: 40.53 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. -0.01 min
 Lab File: BG026638.D
 Acq: 12 Apr 2017 16:35

Tgt Ion:167 Resp: 2327492
 Ion Ratio Lower Upper
 167 100
 166 25.2 20.2 30.2
 139 13.3 12.8 19.2

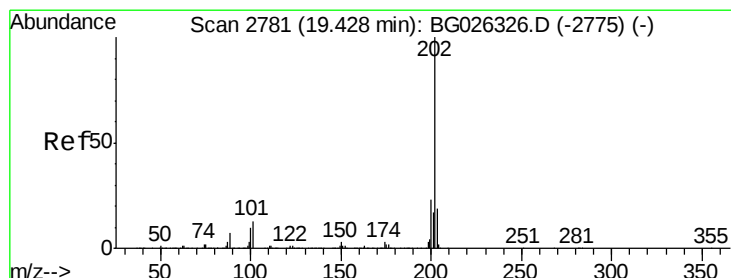
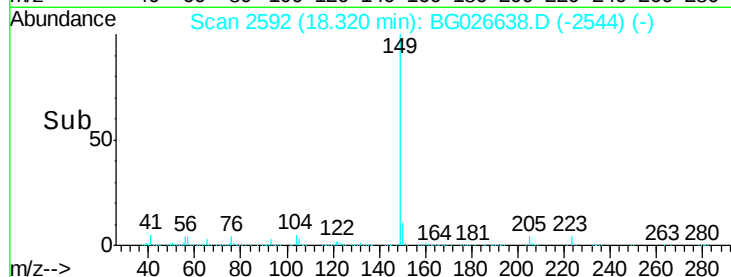
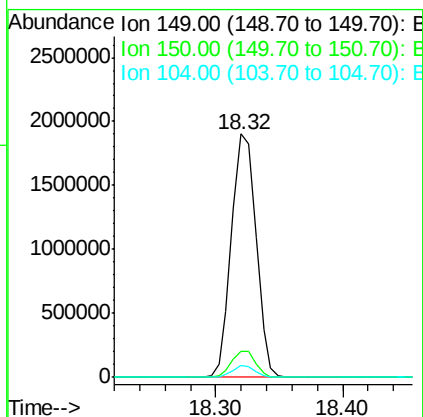
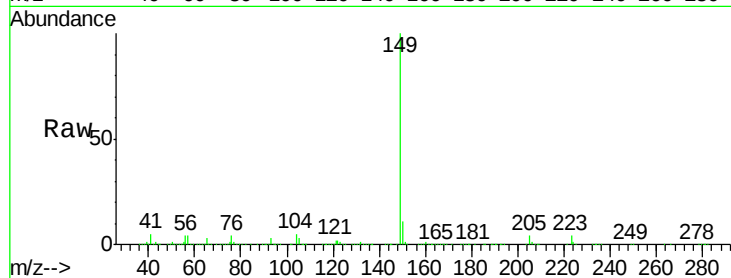




#73
Di-n-butylphthalate
Concen: 43.42 ng
RT: 18.32 min Scan# 2592
Delta R.T. -0.02 min
Lab File: BG026638.D
Acq: 12 Apr 2017 16:35

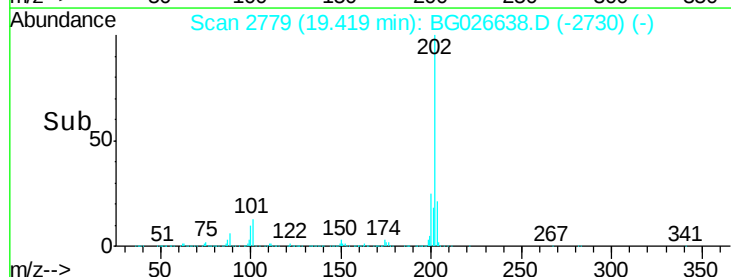
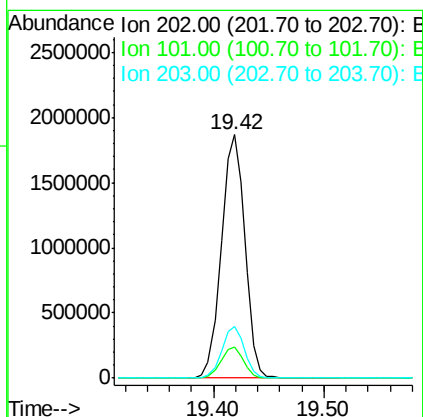
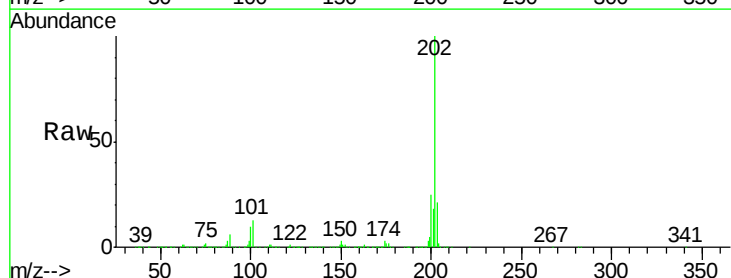
Instrument :
BNA_G
ClientSampleId :
PB98209BS

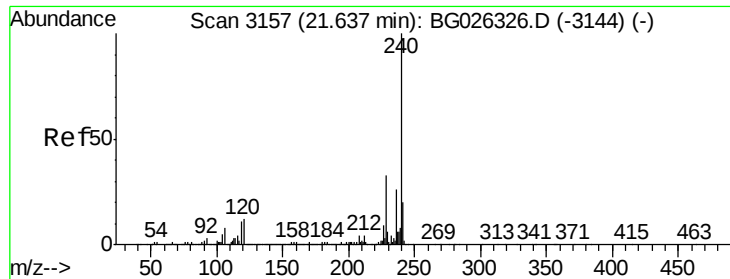
Tot Ion:149 Resp: 2562192
Ion Ratio Lower Upper
149 100
150 10.9 9.1 13.7
104 4.7 6.7 10.1#



#74
Fluoranthene
Concen: 43.14 ng
RT: 19.42 min Scan# 2779
Delta R.T. -0.01 min
Lab File: BG026638.D
Acq: 12 Apr 2017 16:35

Tgt Ion:202 Resp: 2773236
Ion Ratio Lower Upper
202 100
101 12.7 0.0 30.1
203 21.3 1.3 41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.02 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

Instrument :

BNA_G

ClientSampleId :

PB98209BS

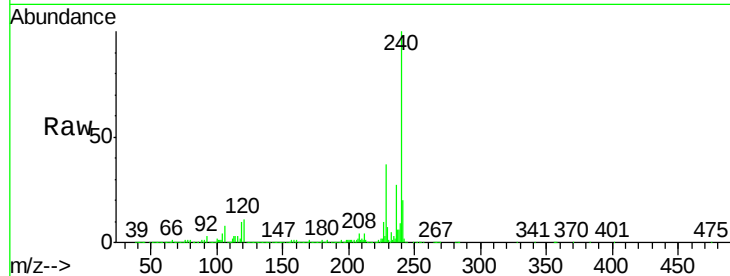
Tot Ion:240 Resp: 1209249

Ion Ratio Lower Upper

240 100

120 11.0 5.7 8.5#

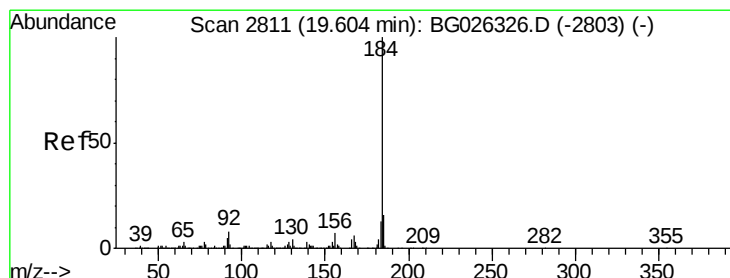
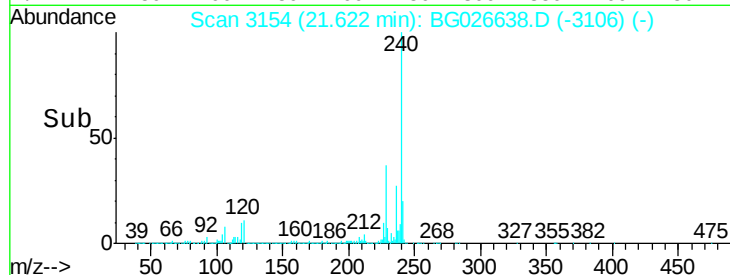
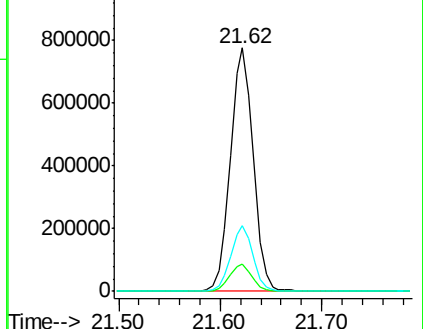
236 27.0 22.2 33.4



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: 2.10 ng

RT: 19.61 min Scan# 2812

Delta R.T. 0.01 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

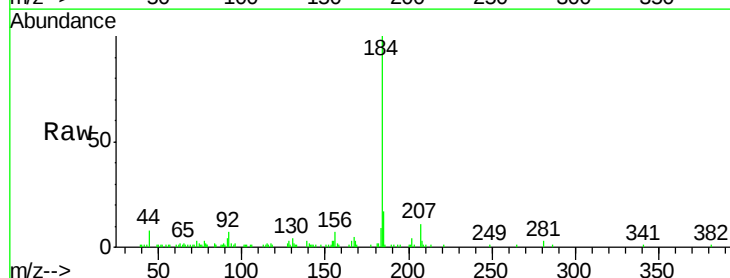
Tgt Ion:184 Resp: 87488

Ion Ratio Lower Upper

184 100

185 16.8 13.0 19.6

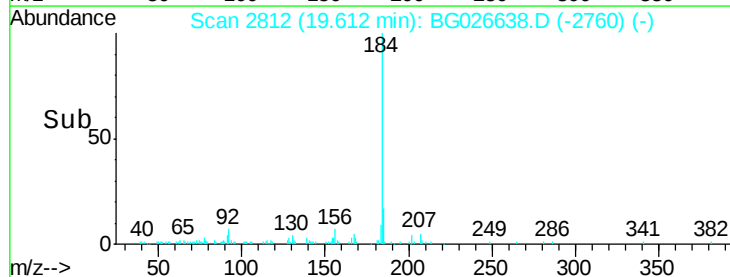
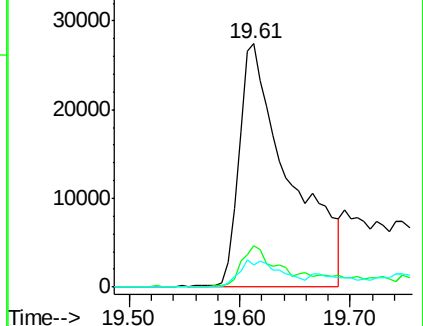
183 9.1 11.0 16.6#

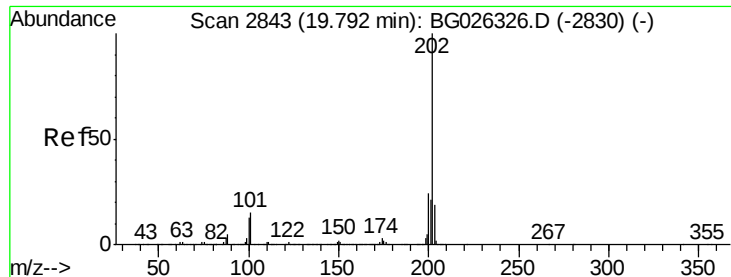


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.65 ng

RT: 19.78 min Scan# 2840

Delta R.T. -0.02 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

Instrument :

BNA_G

ClientSampleId :

PB98209BS

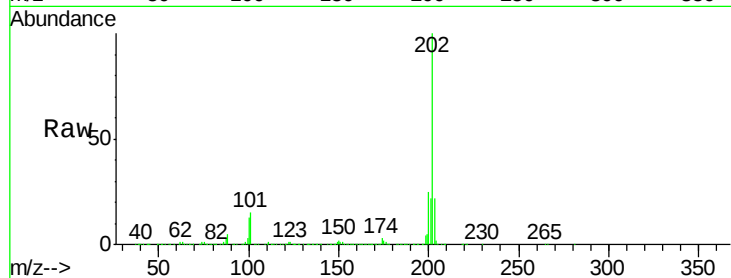
Tot Ion:202 Resp: 2846348

Ion Ratio Lower Upper

202 100

200 25.5 19.6 29.4

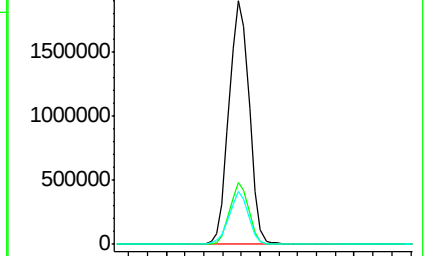
203 21.5 15.8 23.8



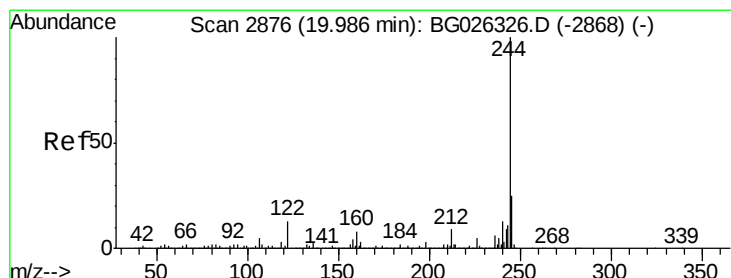
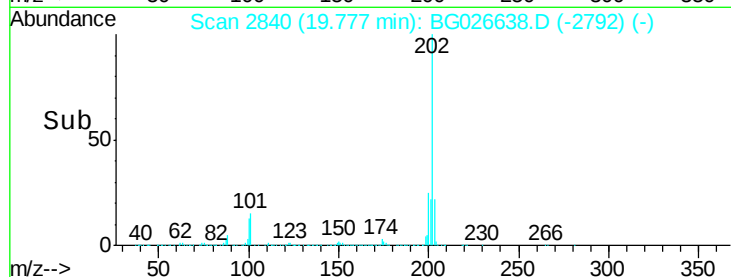
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 68.88 ng

RT: 19.97 min Scan# 2873

Delta R.T. -0.02 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

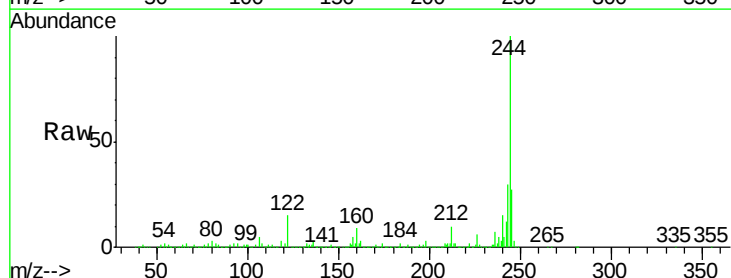
Tgt Ion:244 Resp: 3429922

Ion Ratio Lower Upper

244 100

212 9.5 10.0 15.0#

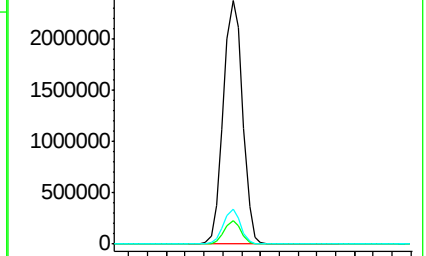
122 14.6 8.6 12.8#



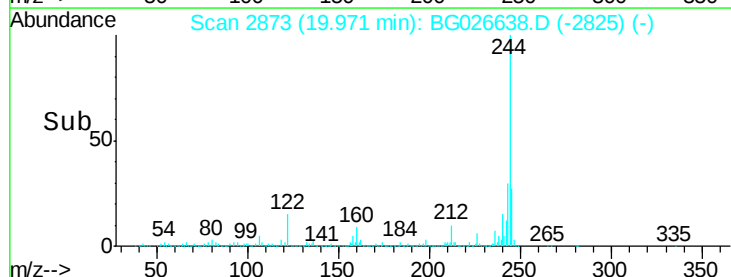
Abundance Ion 244.00 (243.70 to 244.70): E

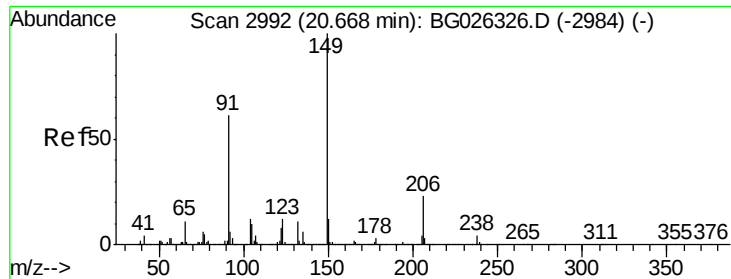
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

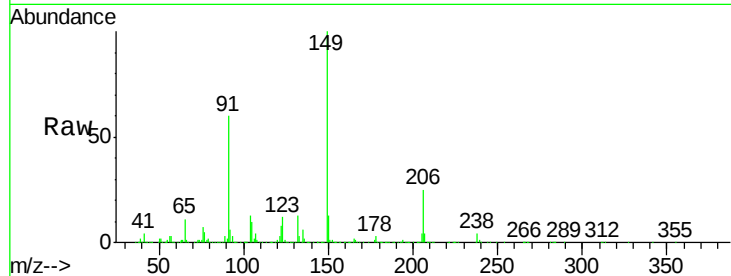




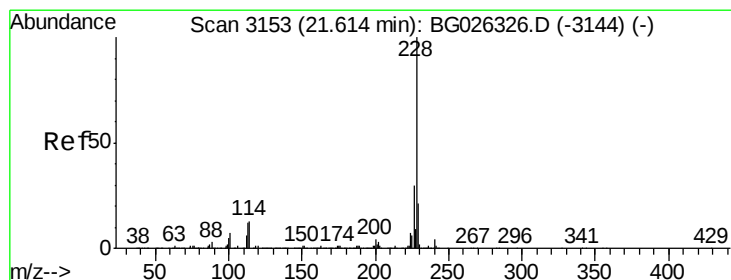
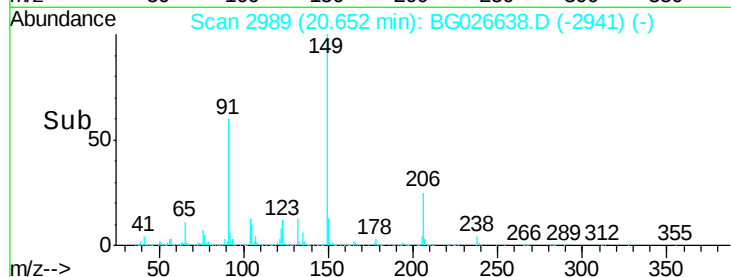
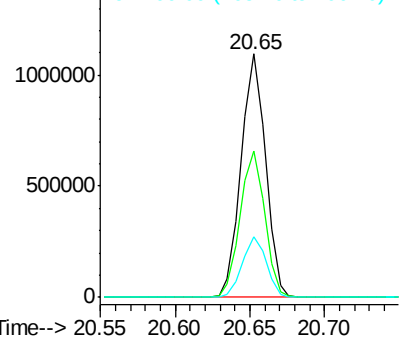
#79
Butylbenzylphthalate
Concen: 43.98 ng
RT: 20.65 min Scan# 2989
Delta R.T. -0.02 min
Lab File: BG026638.D
Acq: 12 Apr 2017 16:35

Instrument :
BNA_G
ClientSampleId :
PB98209BS

Tot Ion:149 Resp: 1232103
Ion Ratio Lower Upper
149 100
91 60.2 63.5 95.3#
206 24.8 21.0 31.6

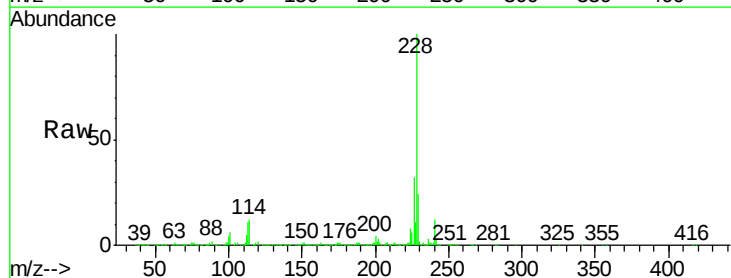


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

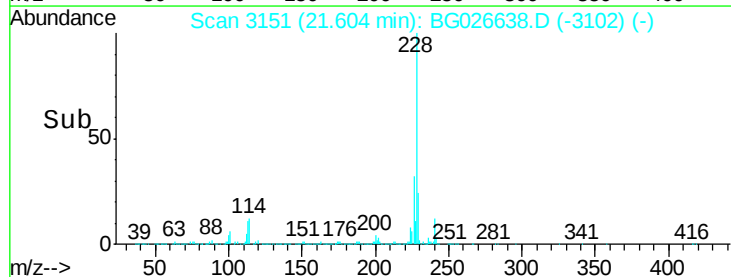
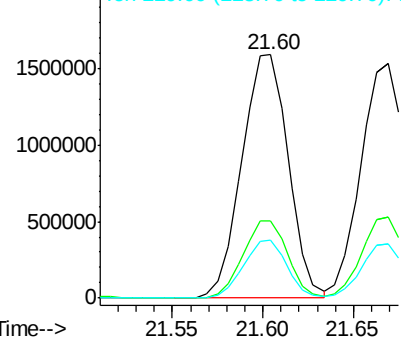


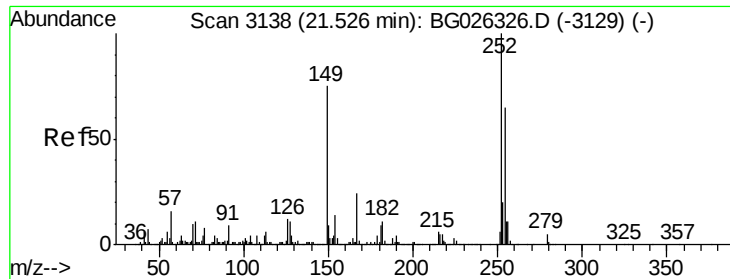
#80
Benzo(a)anthracene
Concen: 41.58 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.01 min
Lab File: BG026638.D
Acq: 12 Apr 2017 16:35

Tgt Ion:228 Resp: 2829638
Ion Ratio Lower Upper
228 100
226 31.9 24.9 37.3
229 23.7 18.2 27.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 28.73 ng

RT: 21.51 min Scan# 3135

Delta R.T. -0.02 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

Instrument :

BNA_G

ClientSampleId :

PB98209BS

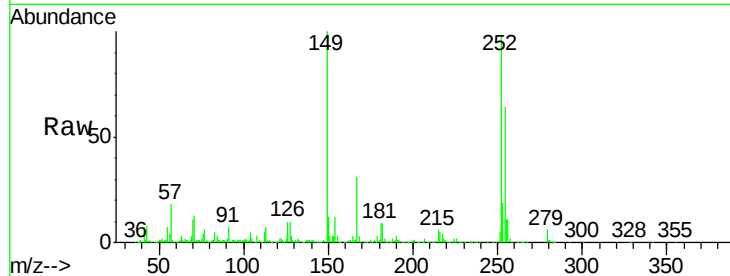
Tot Ion:252 Resp: 800429

Ion Ratio Lower Upper

252 100

254 65.4 53.1 79.7

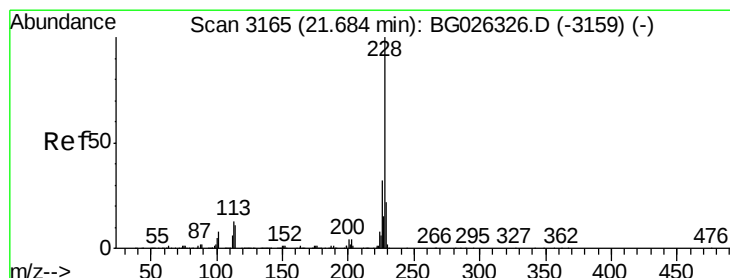
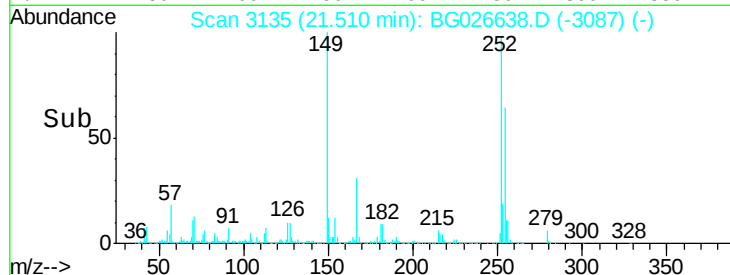
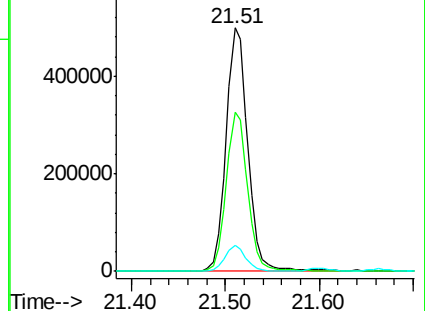
126 10.6 7.0 10.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 40.44 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.02 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

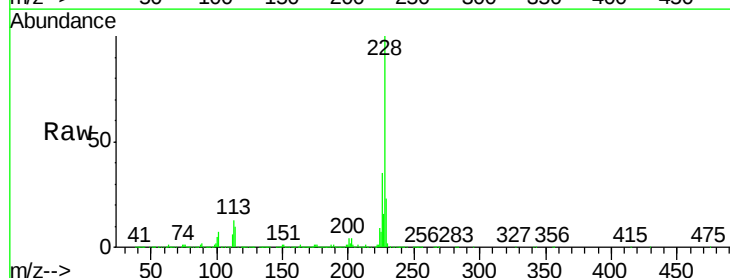
Tgt Ion:228 Resp: 2629181

Ion Ratio Lower Upper

228 100

226 34.8 27.0 40.4

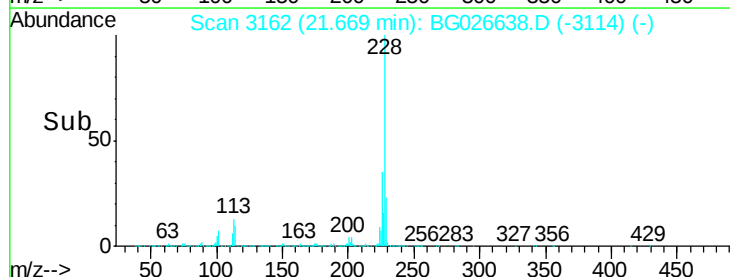
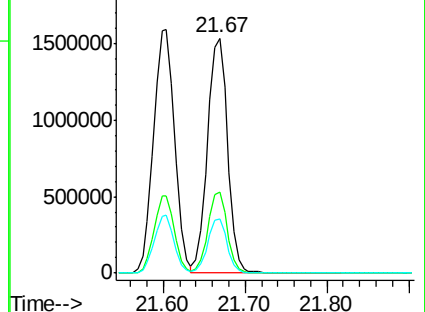
229 22.9 17.8 26.6

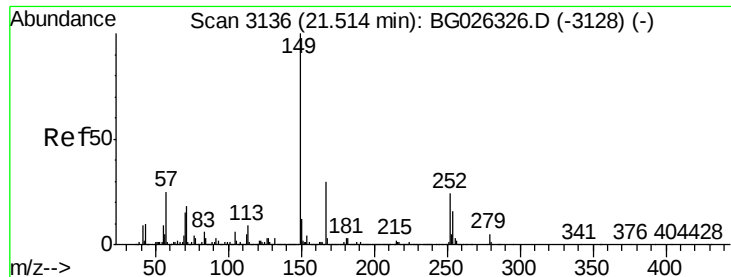


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



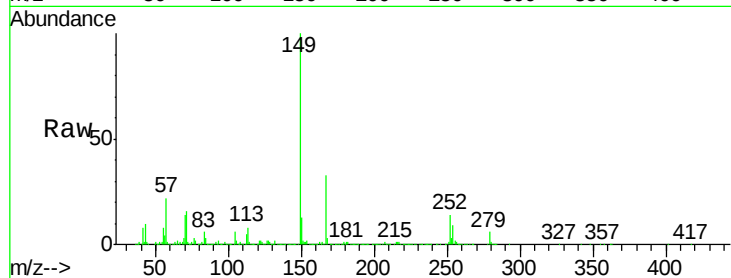


#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.81 ng
 RT: 21.50 min Scan# 3133
 Delta R.T. -0.02 min
 Lab File: BG026638.D
 Acq: 12 Apr 2017 16:35

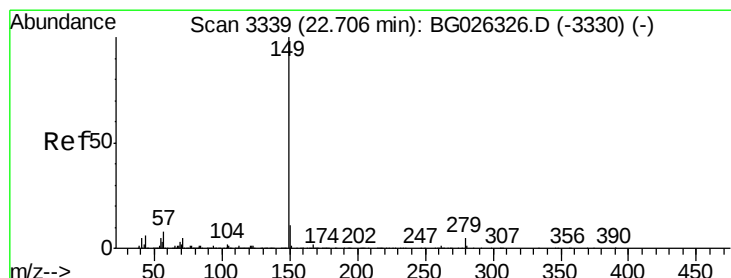
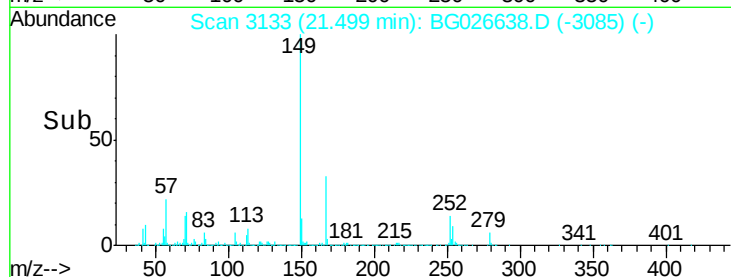
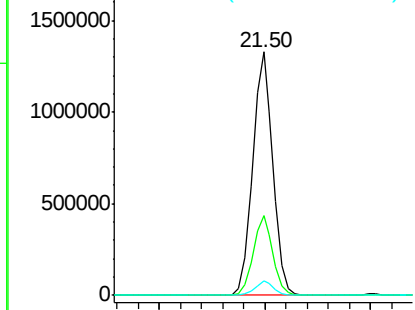
Instrument :
 BNA_G
 ClientSampleId :
 PB98209BS

Tot Ion:149 Resp: 1769306

Ion	Ratio	Lower	Upper
149	100		
167	32.8	23.7	35.5
279	5.7	4.6	6.8



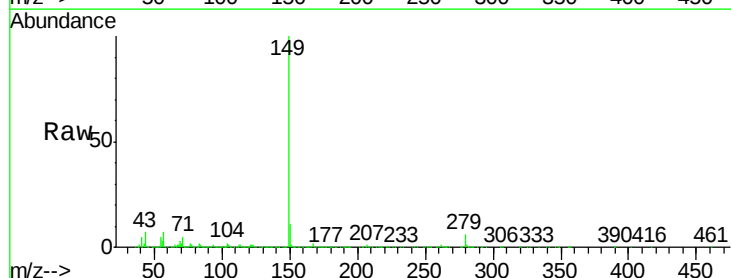
Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



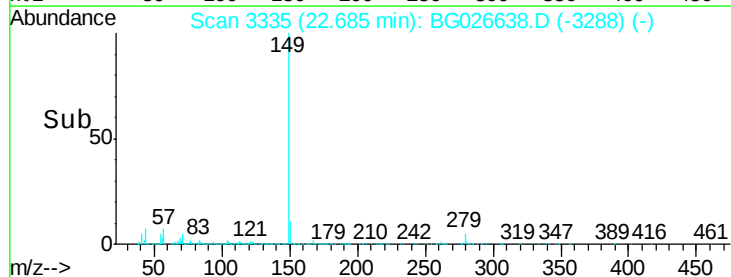
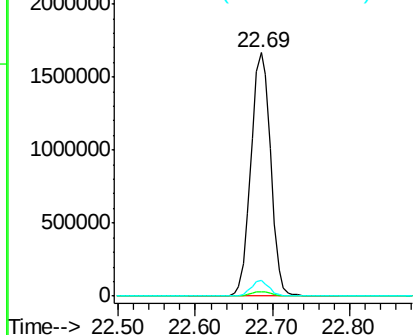
#84
 Di-n-octyl phthalate
 Concen: 41.50 ng
 RT: 22.69 min Scan# 3335
 Delta R.T. -0.02 min
 Lab File: BG026638.D
 Acq: 12 Apr 2017 16:35

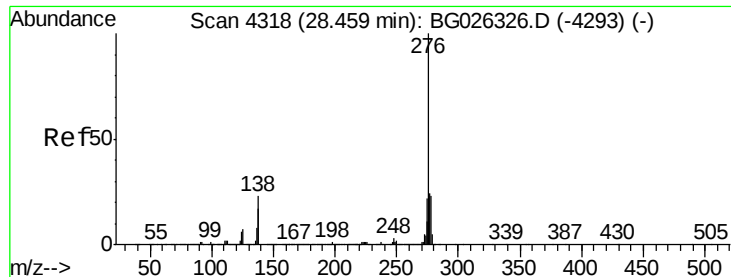
Tgt Ion:149 Resp: 2997125

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	5.9	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): BGO

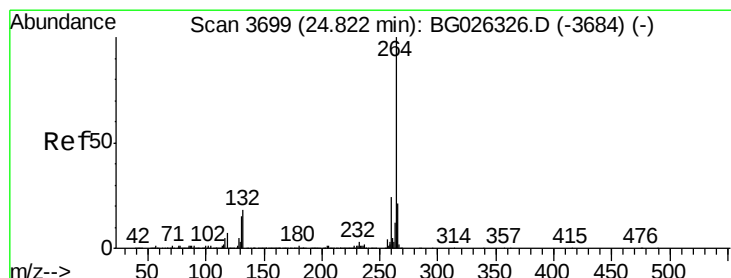
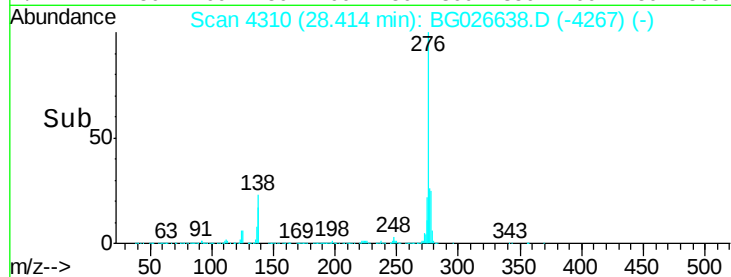
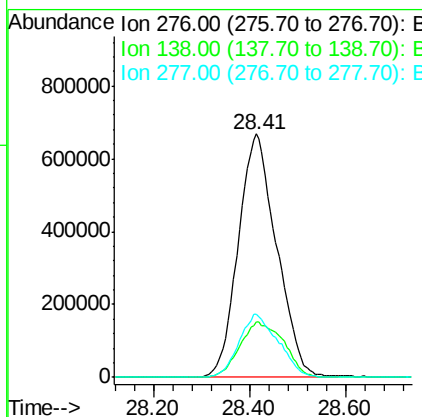
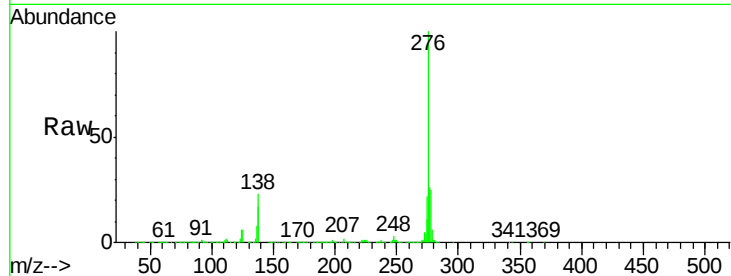




#85
Indeno(1,2,3-cd)pyrene
Concen: 46.19 ng
RT: 28.41 min Scan# 4310
Delta R.T. -0.04 min
Lab File: BG026638.D
Acq: 12 Apr 2017 16:35

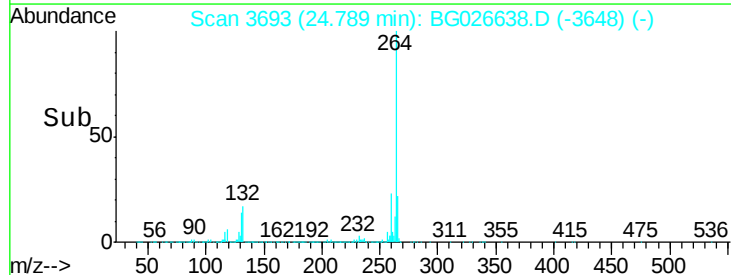
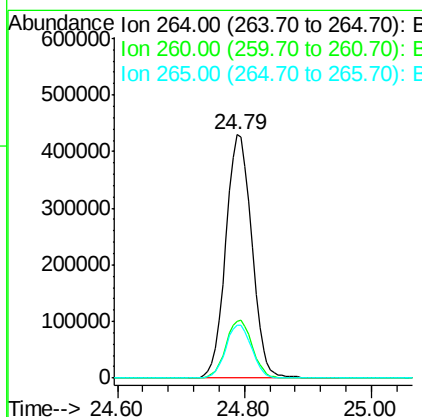
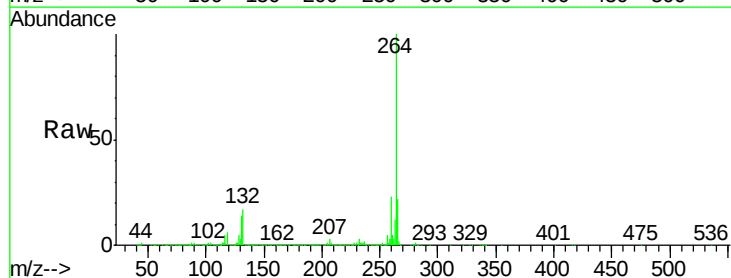
Instrument :
BNA_G
ClientSampleId :
PB98209BS

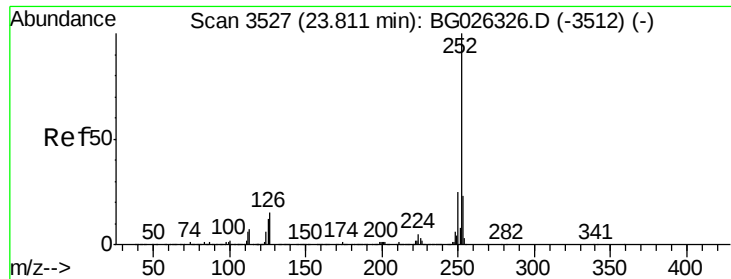
Tot Ion:276 Resp: 3708127
Ion Ratio Lower Upper
276 100
138 26.0 4.7 7.1#
277 26.6 20.6 31.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.79 min Scan# 3693
Delta R.T. -0.03 min
Lab File: BG026638.D
Acq: 12 Apr 2017 16:35

Tgt Ion:264 Resp: 1223562
Ion Ratio Lower Upper
264 100
260 23.4 21.8 32.8
265 21.9 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 42.73 ng

RT: 23.79 min Scan# 3523

Delta R.T. -0.02 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

Instrument :

BNA_G

ClientSampleId :

PB98209BS

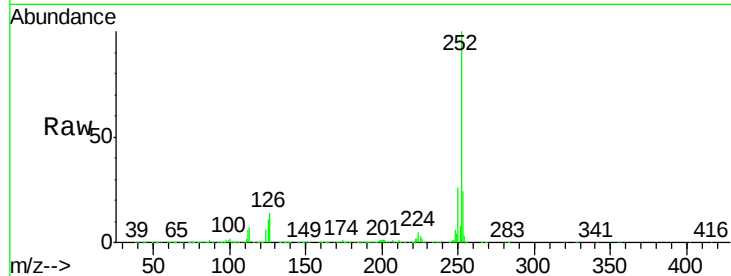
Tot Ion:252 Resp: 3081772

Ion Ratio Lower Upper

252 100

253 24.1 18.7 28.1

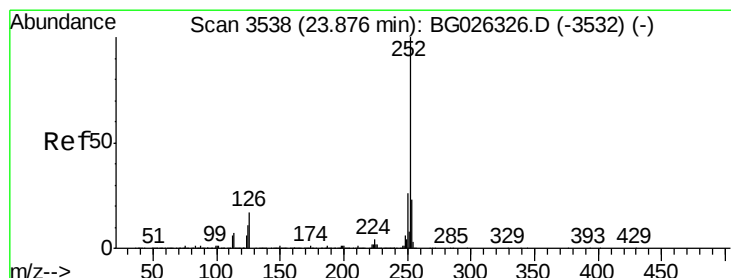
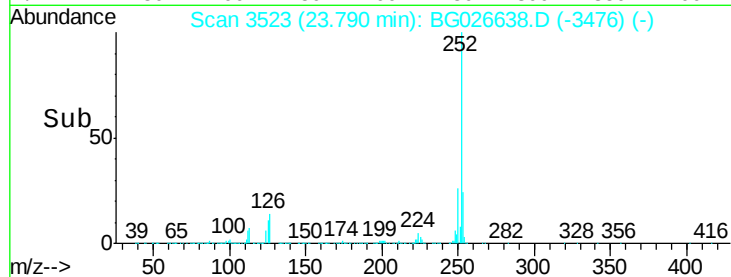
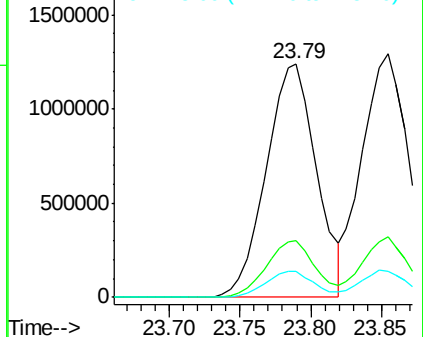
125 11.1 5.3 7.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.89 ng

RT: 23.85 min Scan# 3534

Delta R.T. -0.02 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

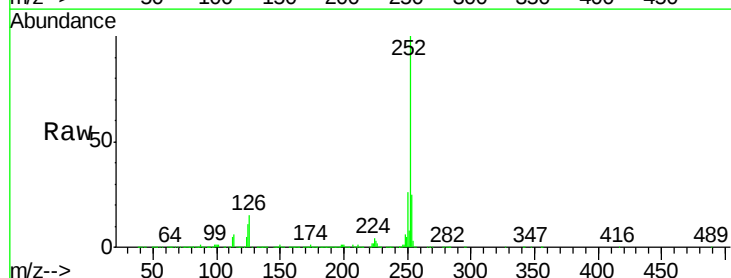
Tgt Ion:252 Resp: 2999746

Ion Ratio Lower Upper

252 100

253 24.8 20.2 30.2

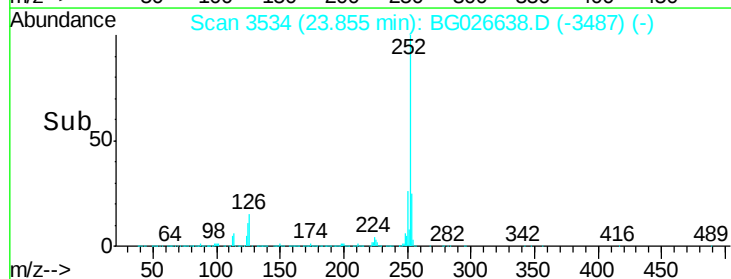
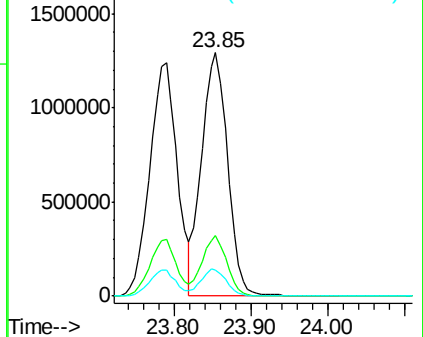
125 10.9 5.1 7.7#

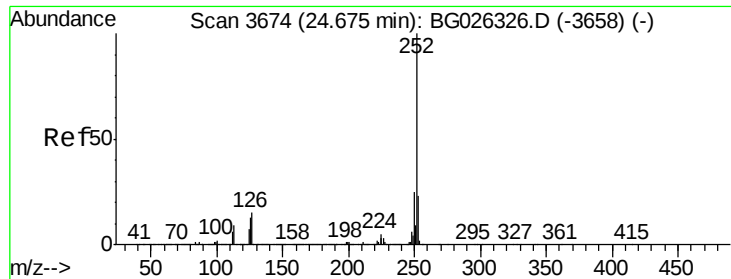


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.53 ng

RT: 24.65 min Scan# 3669

Delta R.T. -0.03 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

Instrument :

BNA_G

ClientSampleId :

PB98209BS

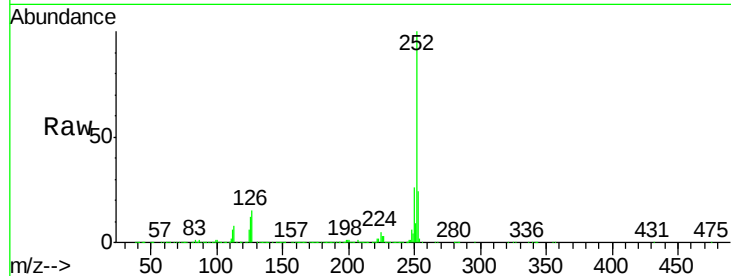
Tot Ion:252 Resp: 3011439

Ion Ratio Lower Upper

252 100

253 24.0 19.2 28.8

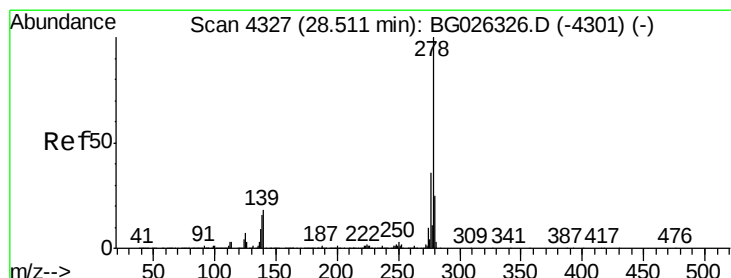
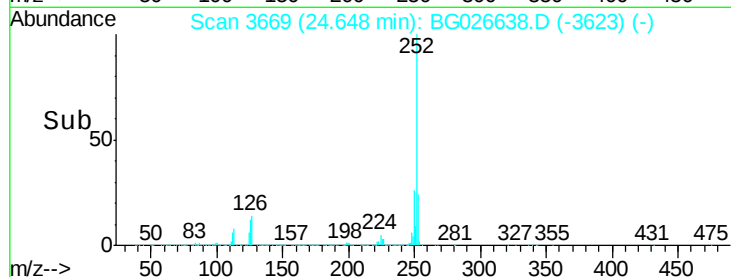
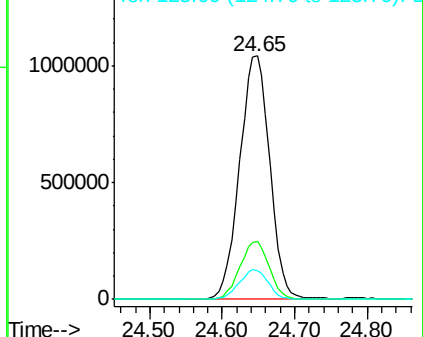
125 11.7 5.4 8.0#



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: 44.42 ng

RT: 28.47 min Scan# 4319

Delta R.T. -0.04 min

Lab File: BG026638.D

Acq: 12 Apr 2017 16:35

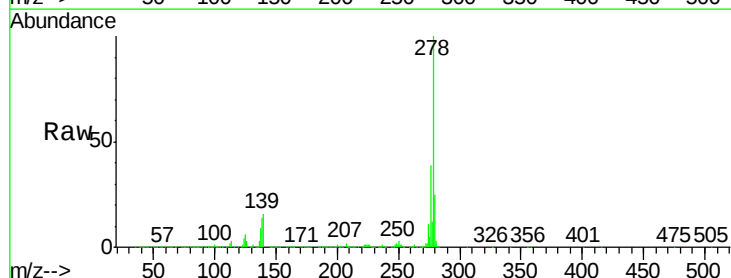
Tgt Ion:278 Resp: 3105798

Ion Ratio Lower Upper

278 100

139 15.9 7.7 11.5#

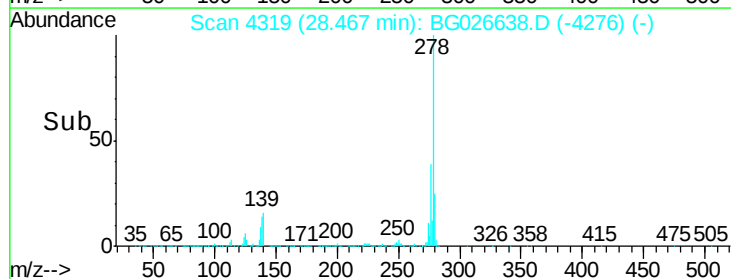
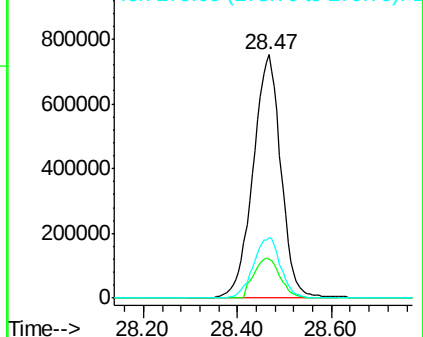
279 24.6 19.1 28.7

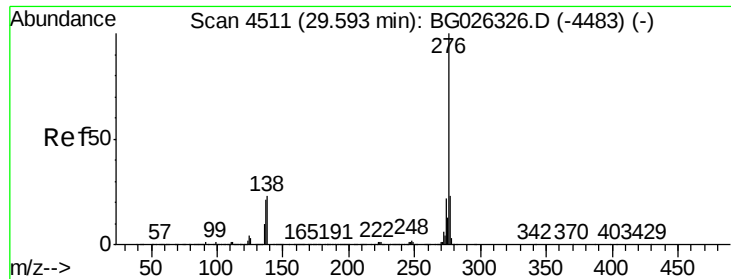


Abundance Ion 278.00 (277.70 to 278.70): E

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: 43.66 ng
 RT: 29.54 min Scan# 4502
 Delta R.T. -0.05 min
 Lab File: BG026638.D
 Acq: 12 Apr 2017 16:35

Instrument :
 BNA_G
 ClientSampleId :
 PB98209BS

Tot Ion:276 Resp: 3075596
 Ion Ratio Lower Upper
 276 100
 277 24.2 18.6 27.8
 138 22.3 8.1 12.1#

