

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040617\
 Data File : BG026574.D
 Acq On : 6 Apr 2017 20:21
 Operator : SJ/MA
 Sample : PB98108BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB98108BS

Quant Time: Apr 07 02:16:06 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	180248	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	725177	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	425673	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	985688	20.00	ng	0.00
75) Chrysene-d12	21.63	240	1075861	20.00	ng	0.00
86) Perylene-d12	24.81	264	1087316	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	1407971	138.64	ng	0.00
7) Phenol-d6	7.21	99	1787566	131.11	ng	0.00
23) Nitrobenzene-d5	9.20	82	951948	78.93	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	766435	157.23	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	2574656	84.82	ng	0.00
78) Terphenyl-d14	19.98	244	3377887	76.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	152413	33.44	ng	# 68
3) Pyridine	3.90	79	417098	33.41	ng	# 60
4) n-Nitrosodimethylamine	3.82	42	132771	38.91	ng	# 1
6) Aniline	7.37	93	427823	23.49	ng	# 85
8) 2-Chlorophenol	7.61	128	542163	47.41	ng	# 78
9) Benzaldehyde	7.18	77	207627	22.56	ng	# 69
10) Phenol	7.24	94	644340	44.29	ng	# 69
11) bis(2-Chloroethyl)ether	7.46	93	480449	40.27	ng	# 80
12) 1,3-Dichlorobenzene	7.94	146	595911	43.77	ng	# 85
13) 1,4-Dichlorobenzene	8.08	146	603067	43.80	ng	# 92
14) 1,2-Dichlorobenzene	8.40	146	573159	43.49	ng	# 91
15) Benzyl Alcohol	8.28	79	386227	43.21	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	8.58	45	453167	34.20	ng	# 78
17) 2-Methylphenol	8.48	107	453395	43.88	ng	# 80
18) Hexachloroethane	9.13	117	188468	41.85	ng	# 92
19) n-Nitroso-di-n-propylamine	8.84	70	333469	38.05	ng	# 69
20) 3+4-Methylphenols	8.81	107	619943	43.58	ng	# 86
22) Acetophenone	8.86	105	730050	43.78	ng	# 74
24) Nitrobenzene	9.25	77	493162	41.41	ng	# 71
25) Isophorone	9.76	82	942527	41.46	ng	# 88
26) 2-Nitrophenol	9.96	139	304573	49.15	ng	# 61
27) 2,4-Dimethylphenol	10.01	122	507614	49.91	ng	# 86
28) bis(2-Chloroethoxy)methane	10.24	93	633945	42.93	ng	# 96
29) 2,4-Dichlorophenol	10.49	162	548049	53.28	ng	# 93
30) 1,2,4-Trichlorobenzene	10.70	180	568430	49.20	ng	# 97
31) Naphthalene	10.89	128	1600529	43.65	ng	# 99
32) Benzoic acid	10.16	122	317937	40.63	ng	# 72
33) 4-Chloroaniline	11.00	127	180950	12.13	ng	# 80
34) Hexachlorobutadiene	11.18	225	330653	48.50	ng	# 97
35) Caprolactam	11.76	113	179681m	44.33	ng	#
36) 4-Chloro-3-methylphenol	12.11	107	515972	46.89	ng	# 78
37) 2-Methylnaphthalene	12.49	142	1227285	45.70	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	595082	46.46	ng	# 98
40) Hexachlorocyclopentadiene	12.84	237	695557	103.17	ng	# 95

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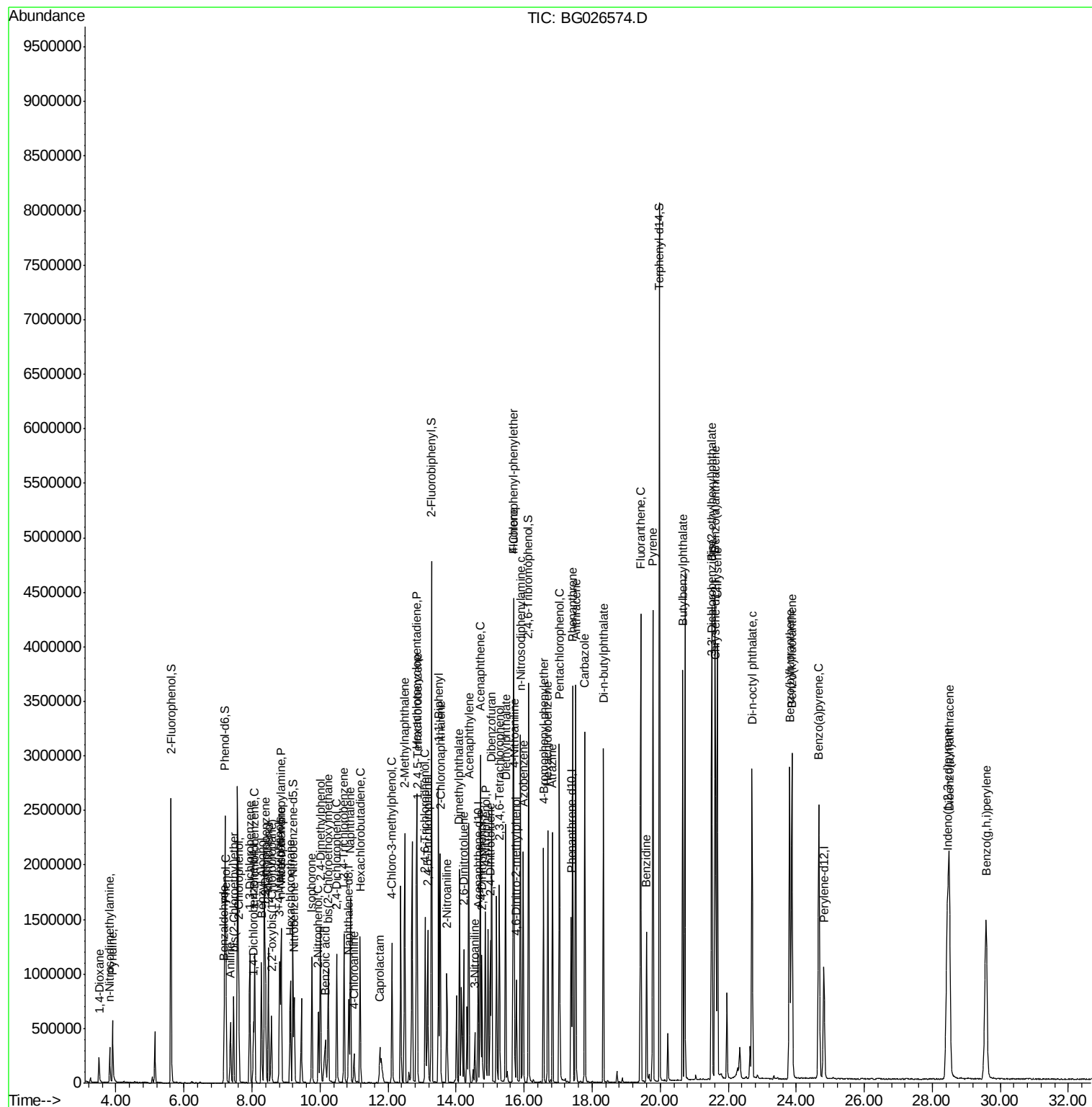
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	430442	51.33	nq	96
43) 2,4,5-Trichlorophenol	13.16	196	453398	48.91	nq	# 91
45) 1,1'-Biphenyl	13.49	154	1558264	44.20	nq	98
46) 2-Chloronaphthalene	13.53	162	1183357	45.96	nq	96
47) 2-Nitroaniline	13.73	65	296104	40.44	nq	# 50
48) Acenaphthylene	14.37	152	1909116	42.53	nq	99
49) Dimethylphthalate	14.10	163	1501918	46.75	nq	99
50) 2,6-Dinitrotoluene	14.22	165	359521	47.94	nq	# 56
51) Acenaphthene	14.71	154	1204131	43.57	nq	100
52) 3-Nitroaniline	14.55	138	164445	19.92	nq	# 64
53) 2,4-Dinitrophenol	14.76	184	376064	86.45	nq	# 72
54) Dibenzofuran	15.04	168	1852720	47.61	nq	90
55) 4-Nitrophenol	14.86	139	606532	89.71	nq	# 37
56) 2,4-Dinitrotoluene	15.01	165	516306	48.95	nq	# 65
57) Fluorene	15.69	166	1509442	43.59	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.27	232	435401	53.86	nq	# 94
59) Diethylphthalate	15.46	149	1487712	45.30	nq	99
60) 4-Chlorophenyl-phenylether	15.68	204	770103	46.93	nq	88
61) 4-Nitroaniline	15.71	138	388084	44.43	nq	# 48
62) Azobenzene	15.97	77	1176896	44.08	nq	76
64) 4,6-Dinitro-2-methylphenol	15.77	198	311588	50.14	nq	82
65) n-Nitrosodiphenylamine	15.89	169	1368708	47.31	nq	98
66) 4-Bromophenyl-phenylether	16.57	248	519710	51.23	nq	92
67) Hexachlorobenzene	16.70	284	552239	51.03	nq	# 89
68) Atrazine	16.83	200	485340	44.32	nq	98
69) Pentachlorophenol	17.04	266	655900	93.22	nq	98
70) Phenanthrene	17.42	178	2331278	44.04	nq	99
71) Anthracene	17.52	178	2412086	44.66	nq	98
72) Carbazole	17.78	167	2271758	40.86	nq	97
73) Di-n-butylphthalate	18.33	149	2478621	43.39	nq	# 95
74) Fluoranthene	19.43	202	2689732	43.21	nq	97
76) Benzidine	19.60	184	921943	24.85	nq	98
77) Pyrene	19.79	202	2732920	43.87	nq	98
79) Butylbenzylphthalate	20.66	149	1152685	46.25	nq	# 83
80) Benzo(a)anthracene	21.61	228	2666078	44.04	nq	99
81) 3,3'-Dichlorobenzidine	21.53	252	687654	27.74	nq	97
82) Chrysene	21.68	228	2482109	42.91	nq	100
83) Bis(2-ethylhexyl)phthalate	21.51	149	1638011	43.51	nq	97
84) Di-n-octyl phthalate	22.70	149	2789445	43.42	nq	# 81
85) Indeno(1,2,3-cd)pyrene	28.44	276	3460063	48.45	nq	# 88
87) Benzo(b)fluoranthene	23.80	252	2935449	45.80	nq	# 96
88) Benzo(k)fluoranthene	23.87	252	2763958	44.47	nq	# 95
89) Benzo(a)pyrene	24.66	252	2805019	45.63	nq	# 96
90) Dibenzo(a,h)anthracene	28.51	278	2875020	46.27	nq	# 93
91) Benzo(g,h,i)perylene	29.58	276	2864435	45.76	nq	# 90

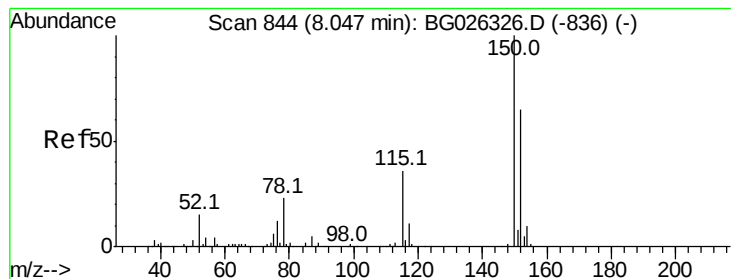
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG026574.D

Acq: 6 Apr 2017 20:21

Instrument :

BNA_G

ClientSampleId :

PB98108BS

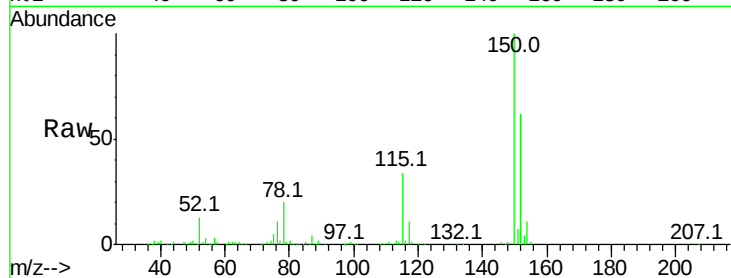
Tot Ion:152 Resp: 180248

Ion Ratio Lower Upper

152 100

150 160.0 114.0 171.0

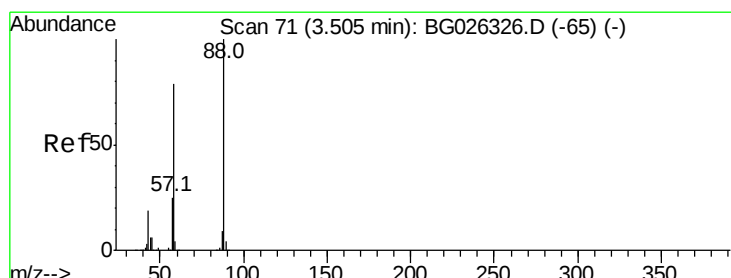
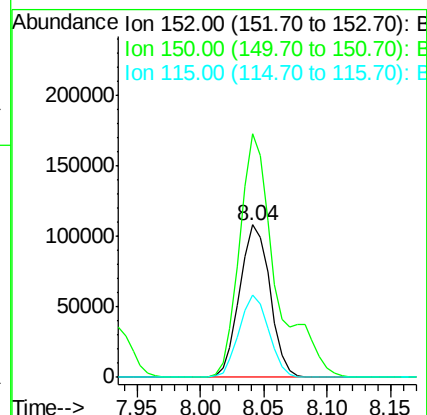
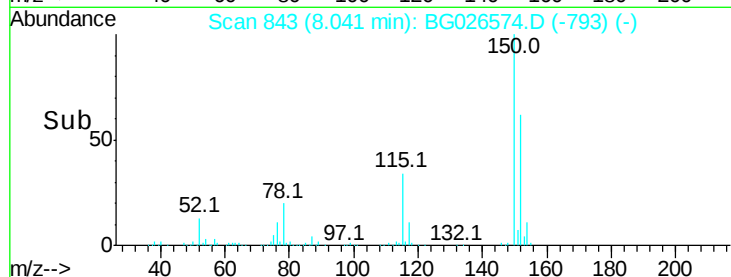
115 54.5 48.1 72.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.44 ng

RT: 3.51 min Scan# 71

Delta R.T. -0.00 min

Lab File: BG026574.D

Acq: 6 Apr 2017 20:21

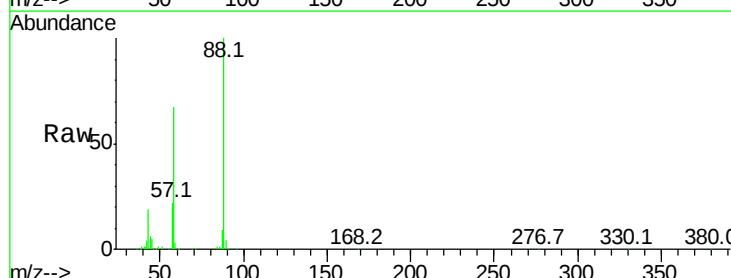
Tgt Ion: 88 Resp: 152413

Ion Ratio Lower Upper

88 100

58 69.2 79.4 119.2#

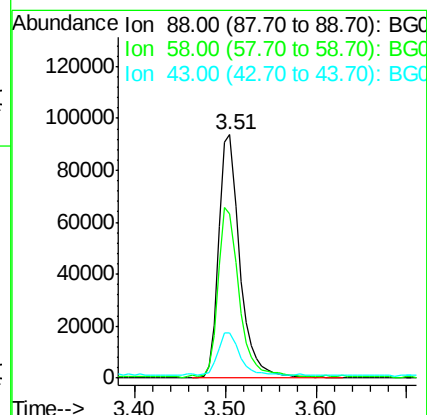
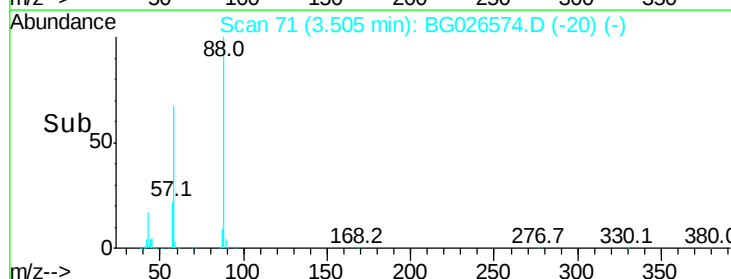
43 18.4 33.8 50.6#

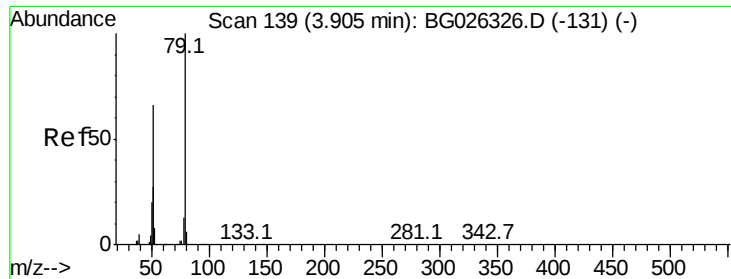


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 33.41 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.01 min

Lab File: BG026574.D

Acq: 6 Apr 2017 20:21

Instrument :

BNA_G

ClientSampleId :

PB98108BS

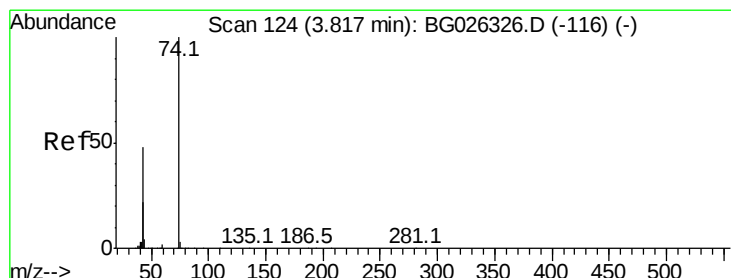
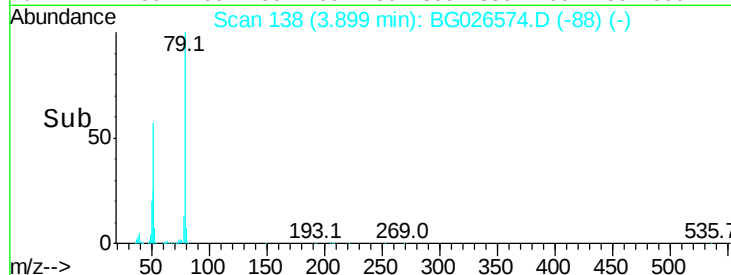
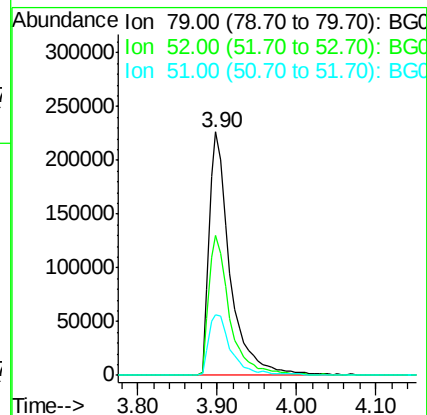
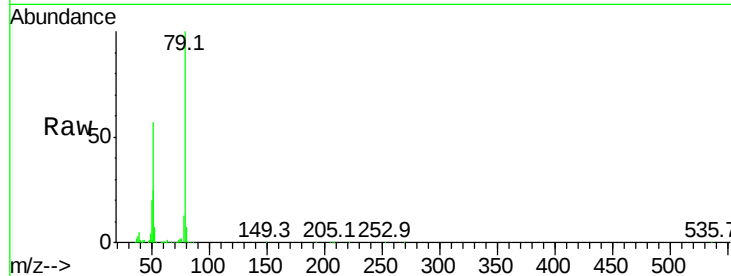
Tot Ion: 79 Resp: 417098

Ion Ratio Lower Upper

79 100

52 57.5 77.8 116.6#

51 25.1 43.2 64.8#



#4

n-Nitrosodimethylamine

Concen: 38.91 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.00 min

Lab File: BG026574.D

Acq: 6 Apr 2017 20:21

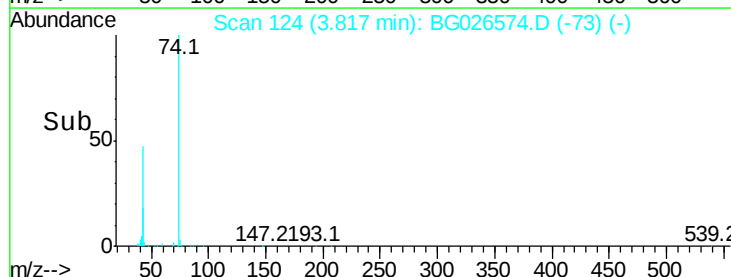
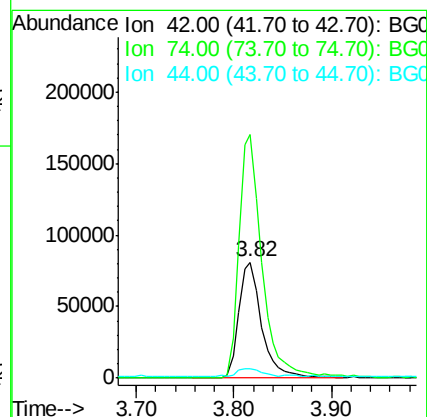
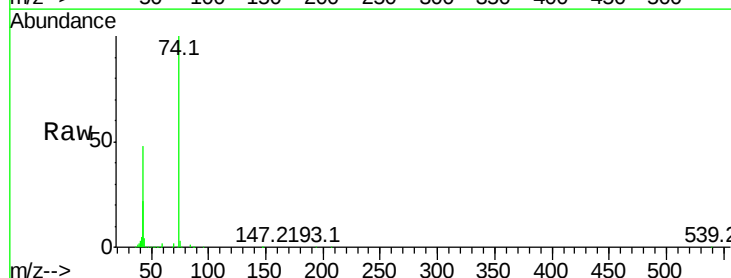
Tgt Ion: 42 Resp: 132771

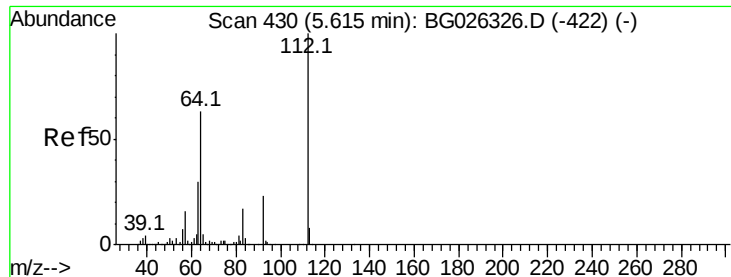
Ion Ratio Lower Upper

42 100

74 209.7 76.7 115.1#

44 8.2 6.1 9.1





#5

2-Fluorophenol

Concen: 138.64 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.01 min

Lab File: BG026574.D

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Instrument :

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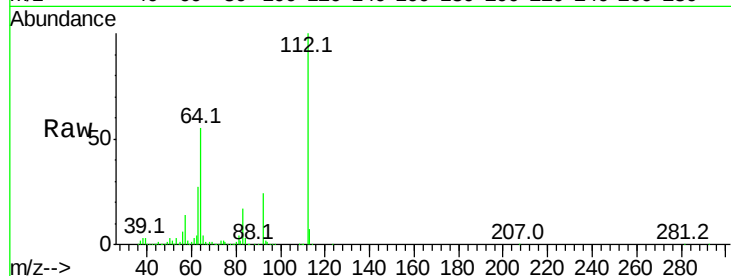
Tot Ion:112 Resp: 1407971

Ion Ratio Lower Upper

112 100

64 54.5 61.8 92.6#

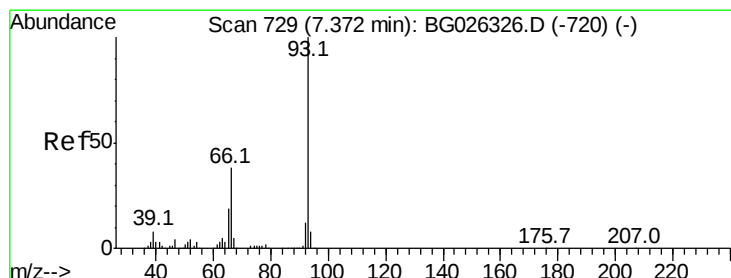
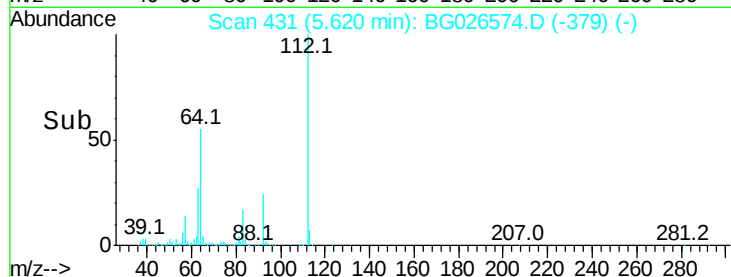
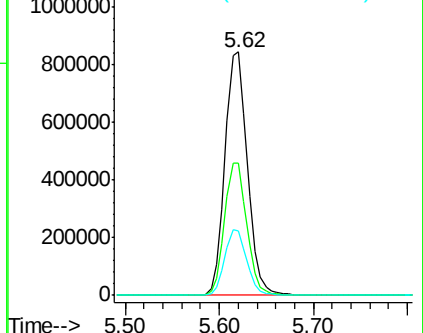
63 26.5 37.2 55.8#



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: 23.49 ng

RT: 7.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BG026574.D

Acq: 6 Apr 2017 20:21

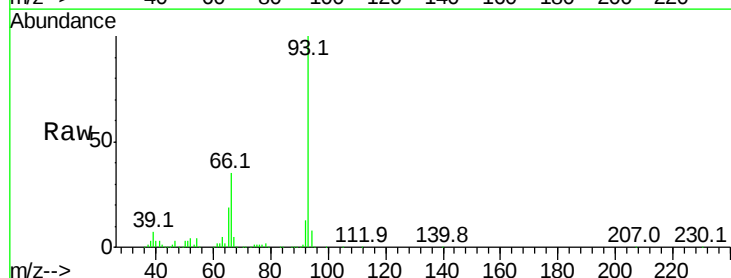
Tgt Ion: 93 Resp: 427823

Ion Ratio Lower Upper

93 100

66 35.2 35.4 53.2#

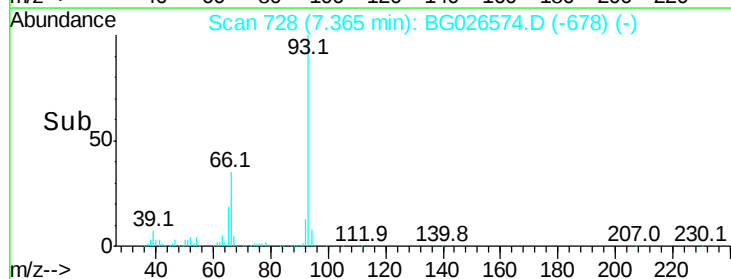
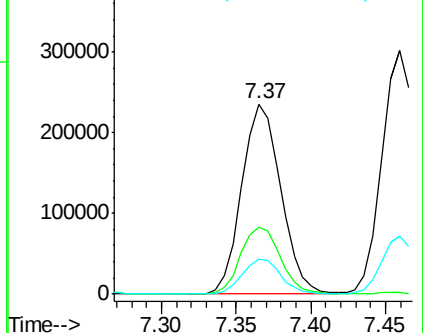
65 18.6 21.2 31.8#



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: 131.11 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG026574.D

Acq: 6 Apr 2017 20:21

Instrument :

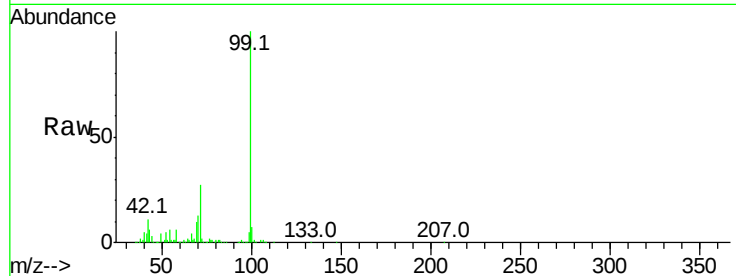
BNA_G

ClientSampleId :

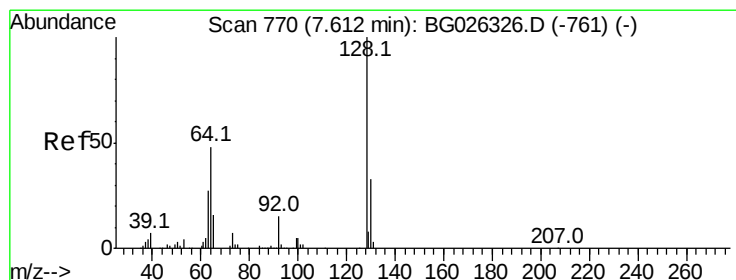
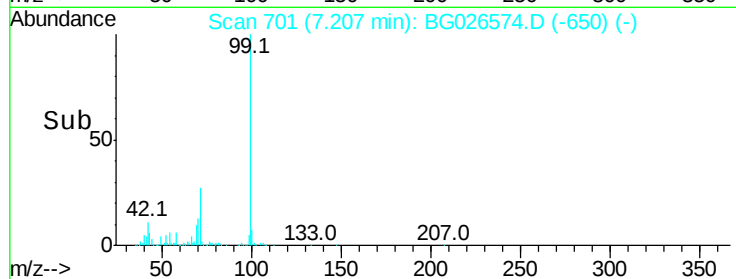
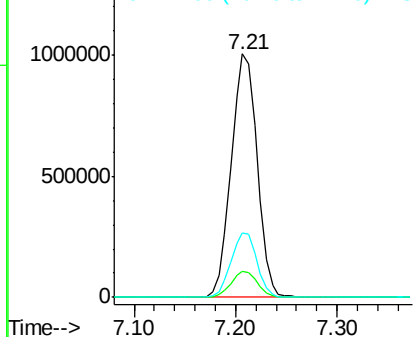
PB98108BS

Tot Ion: 99 Resp: 1787566

Ion	Ratio	Lower	Upper
99	100		
42	10.9	20.5	30.7#
71	26.6	37.6	56.4#



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



#8

2-Chlorophenol

Concen: 47.41 ng

RT: 7.61 min Scan# 770

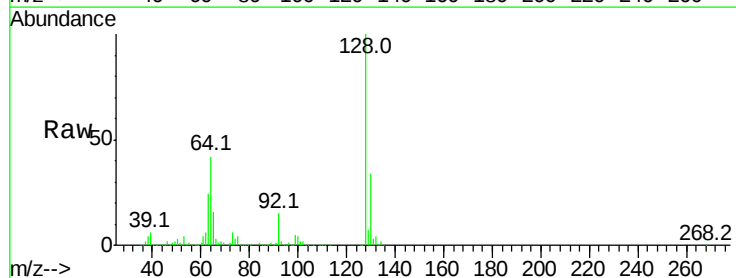
Delta R.T. -0.00 min

Lab File: BG026574.D

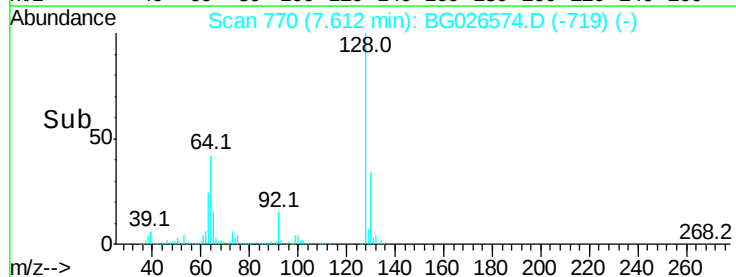
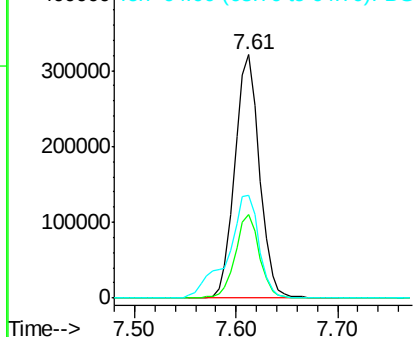
Acq: 6 Apr 2017 20:21

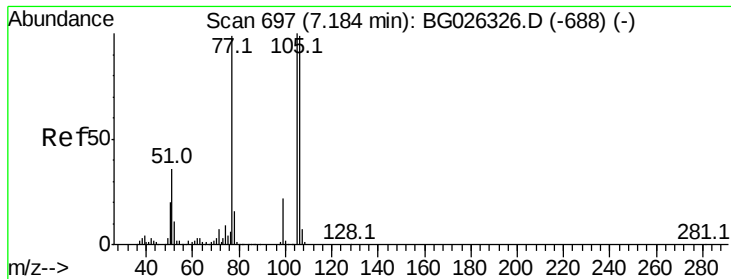
Tgt Ion:128 Resp: 542163

Ion	Ratio	Lower	Upper
128	100		
130	34.2	11.4	51.4
64	42.3	46.6	86.6#



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





#9

Benzaldehyde

Concen: 22.56 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

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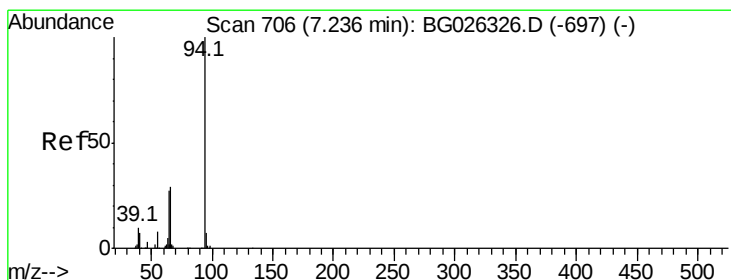
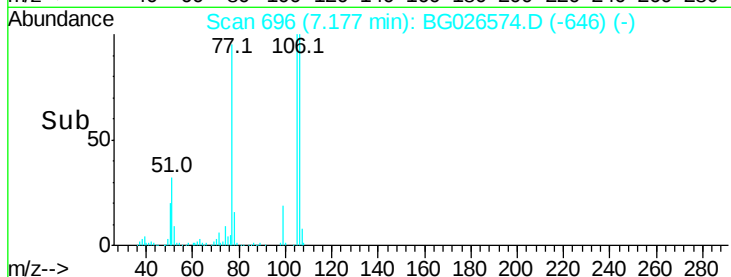
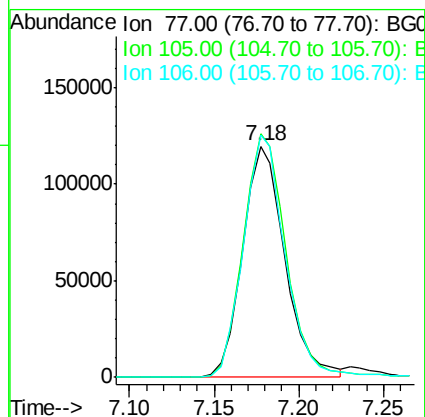
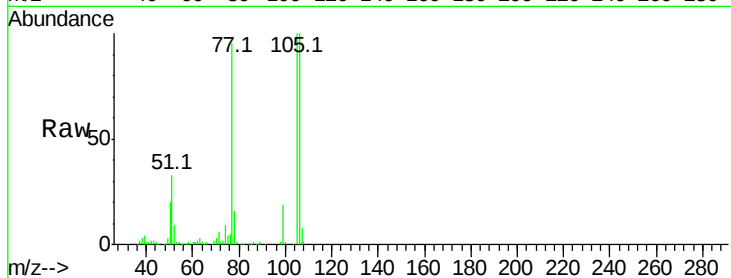
Tot Ion: 77 Resp: 207627

Ion Ratio Lower Upper

77 100

105 105.4 60.9 100.9#

106 105.0 55.1 95.1#



#10

Phenol

Concen: 44.29 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG026574.D

Acq: 6 Apr 2017 20:21

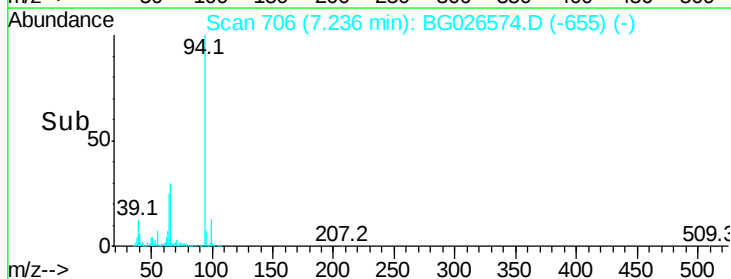
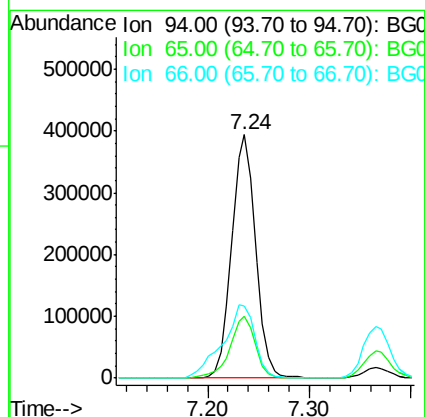
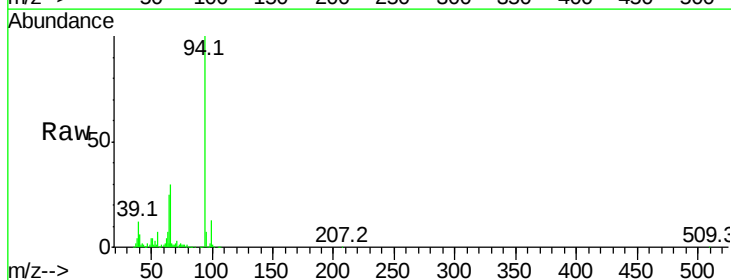
Tgt Ion: 94 Resp: 644340

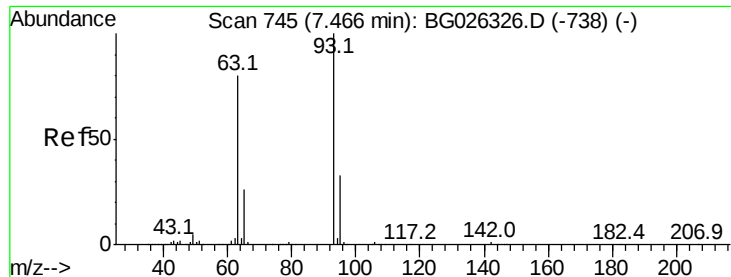
Ion Ratio Lower Upper

94 100

65 25.2 20.6 60.6

66 29.6 35.5 75.5#





#11

bis(2-Chloroethyl)ether

Concen: 40.27 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG026574.D

Acq: 6 Apr 2017 20:21

Instrument :

BNA_G

ClientSampleId :

PB98108BS

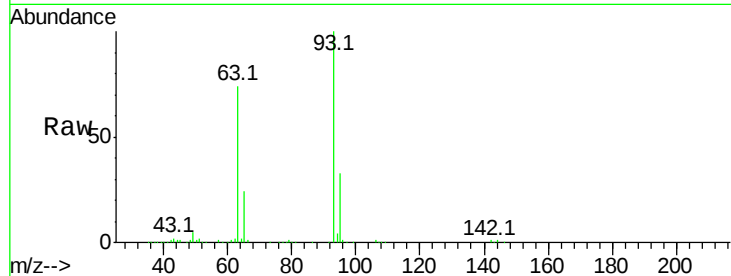
Tot Ion: 93 Resp: 480449

Ion Ratio Lower Upper

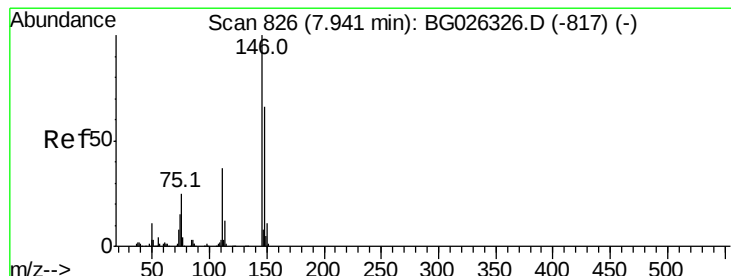
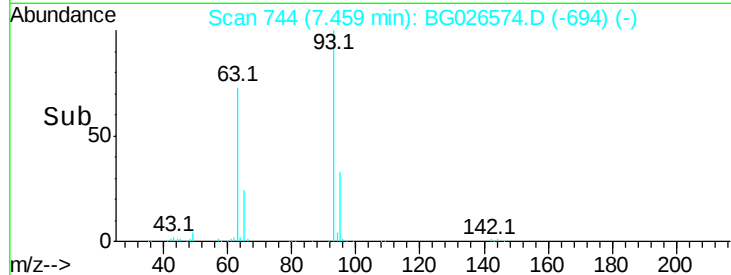
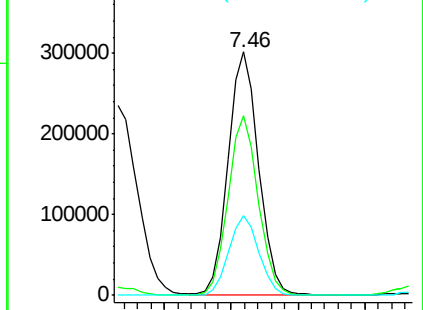
93 100

63 73.7 78.5 118.5#

95 32.6 9.8 49.8



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



#12

1,3-Dichlorobenzene

Concen: 43.77 ng

RT: 7.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BG026574.D

Acq: 6 Apr 2017 20:21

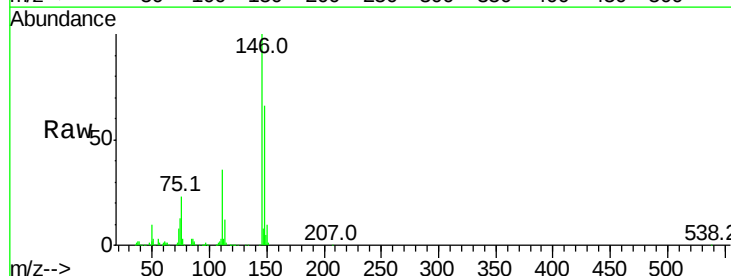
Tgt Ion: 146 Resp: 595911

Ion Ratio Lower Upper

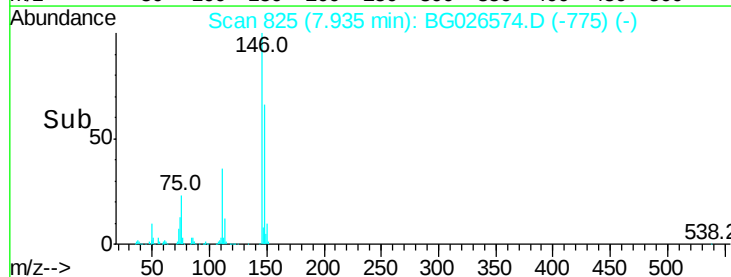
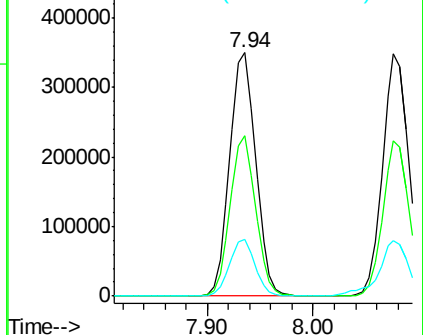
146 100

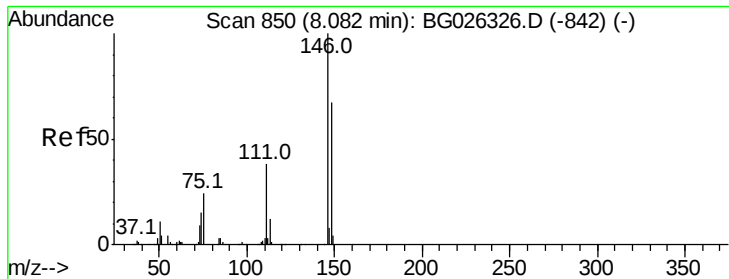
148 65.6 49.2 73.8

75 23.2 33.4 50.2#



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

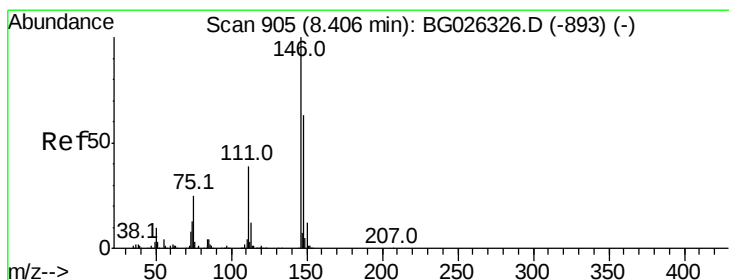
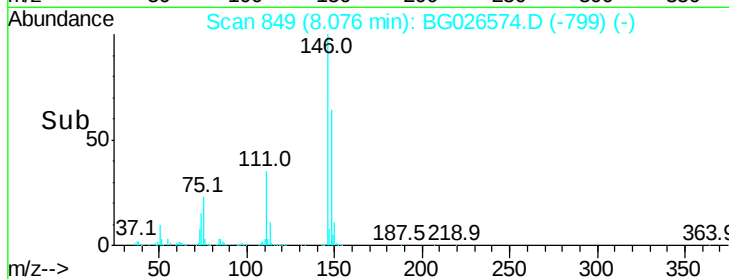
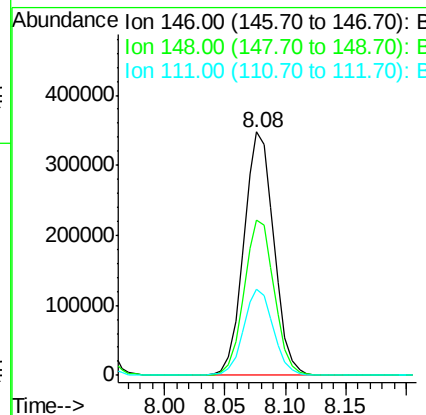
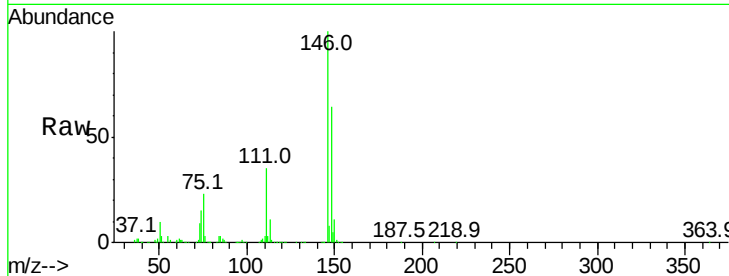




#13
 1,4-Dichlorobenzene
 Concen: 43.80 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BG026574.D
 Acq: 6 Apr 2017 20:21

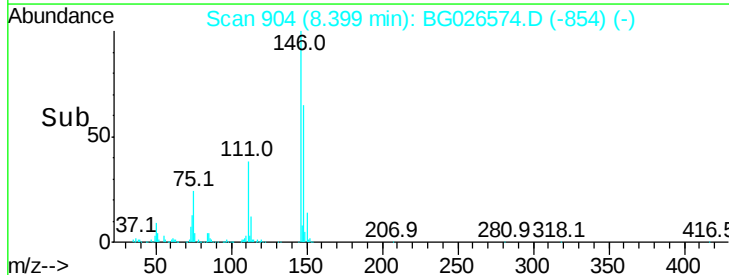
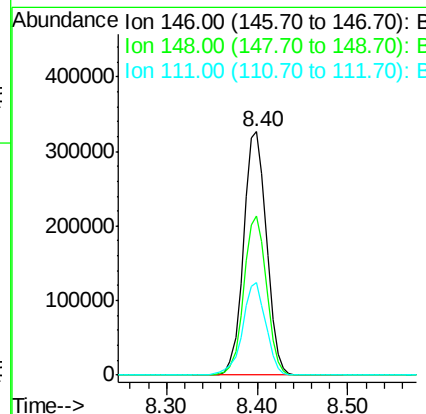
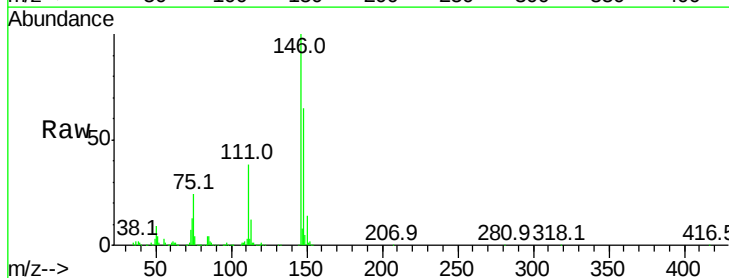
Instrument :
 BNA_G
 ClientSampleId :
 PB98108BS

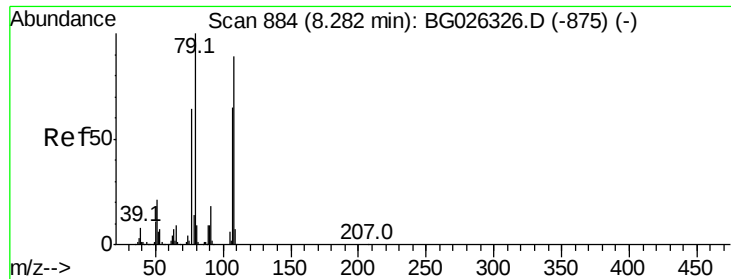
Tot Ion:146 Resp: 603067
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.2 78.2
 111 35.4 37.0 55.6#



#14
 1,2-Dichlorobenzene
 Concen: 43.49 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BG026574.D
 Acq: 6 Apr 2017 20:21

Tgt Ion:146 Resp: 573159
 Ion Ratio Lower Upper
 146 100
 148 65.2 54.6 81.8
 111 38.2 39.7 59.5#





#15

Benzyl Alcohol

Concen: 43.21 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG026574.D

Acq: 6 Apr 2017 20:21

Instrument :

BNA_G

ClientSampleId :

PB98108BS

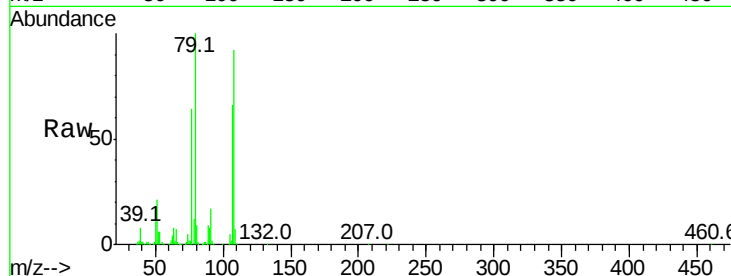
Tot Ion: 79 Resp: 386227

Ion Ratio Lower Upper

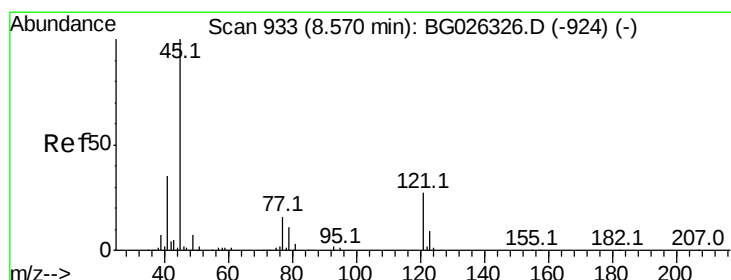
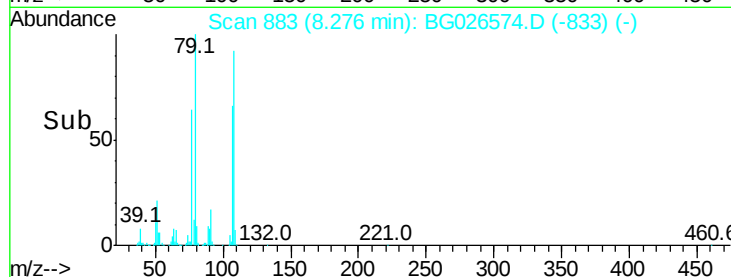
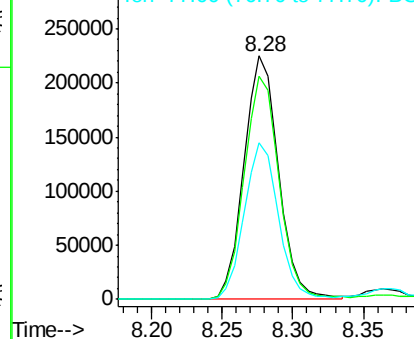
79 100

108 91.8 45.5 68.3#

77 64.2 54.3 81.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.20 ng

RT: 8.58 min Scan# 934

Delta R.T. 0.01 min

Lab File: BG026574.D

Acq: 6 Apr 2017 20:21

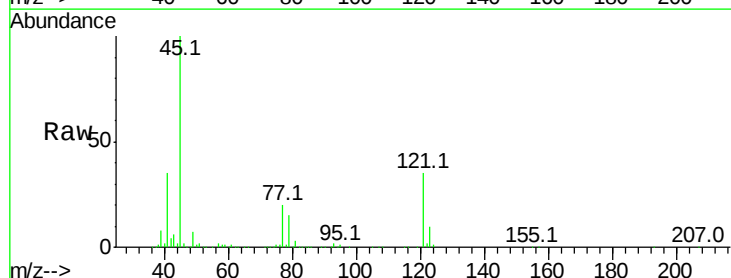
Tgt Ion: 45 Resp: 453167

Ion Ratio Lower Upper

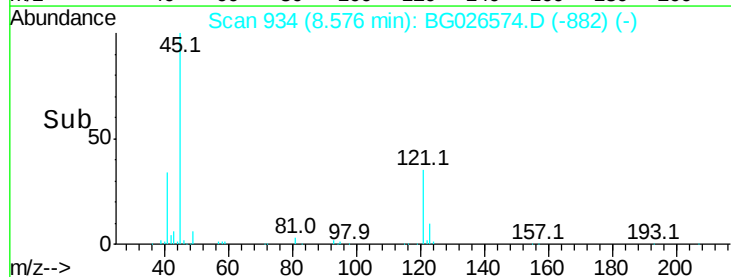
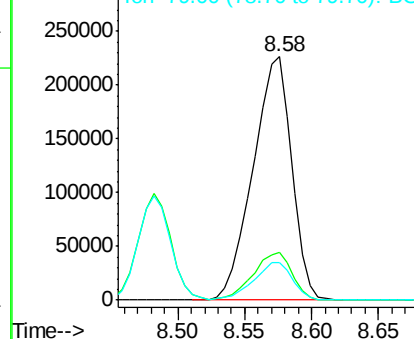
45 100

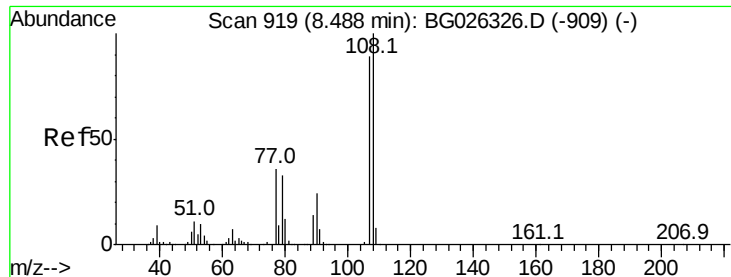
77 19.5 0.0 30.6

79 15.4 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

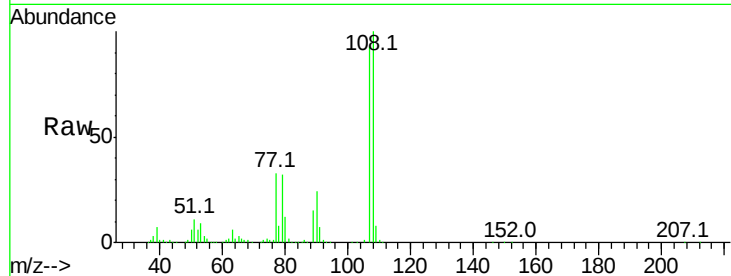




#17
2-Methylphenol
Concen: 43.88 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.01 min
Lab File: BG026574.D
Acq: 6 Apr 2017 20:21

Instrument :
BNA_G
ClientSampleId :
PB98108BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	107.7	85.6	128.4
77	35.6	51.4	77.2#
79	35.0	49.2	73.8#



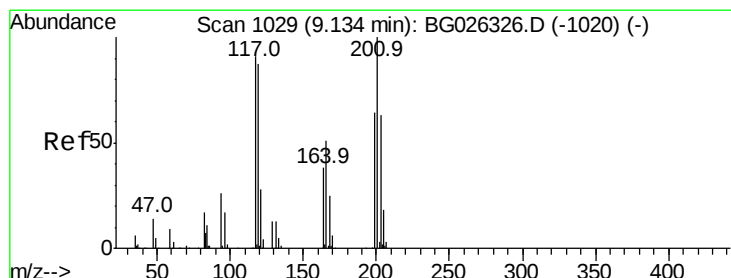
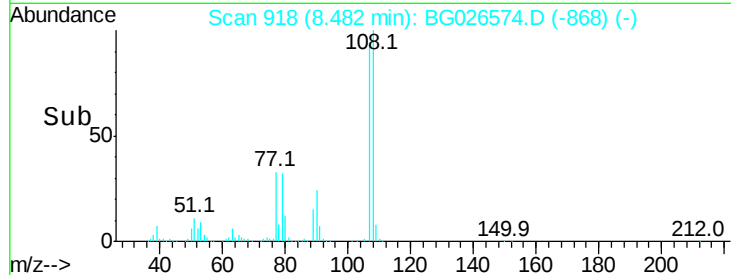
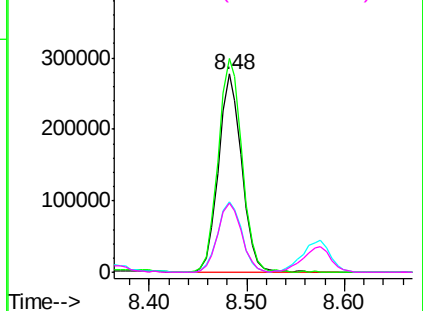
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

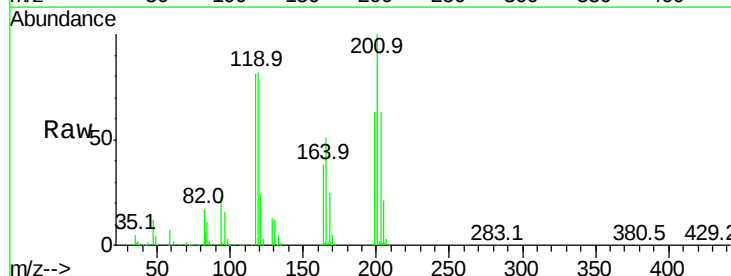
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 41.85 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG026574.D
Acq: 6 Apr 2017 20:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.7	69.8	104.6
201	123.4	95.4	143.0

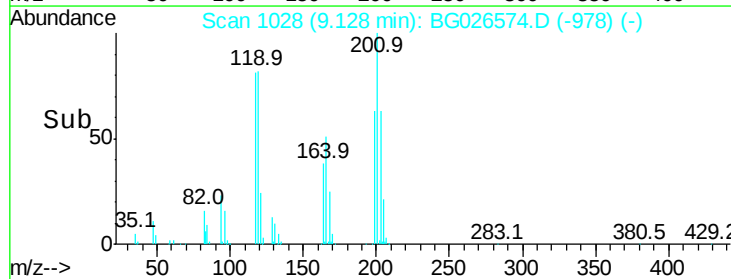
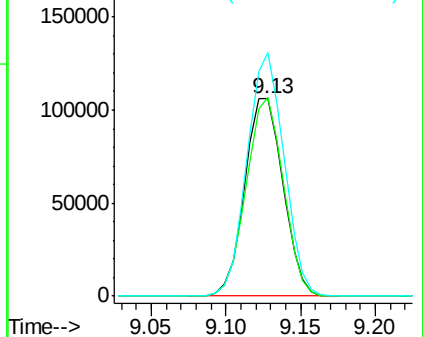


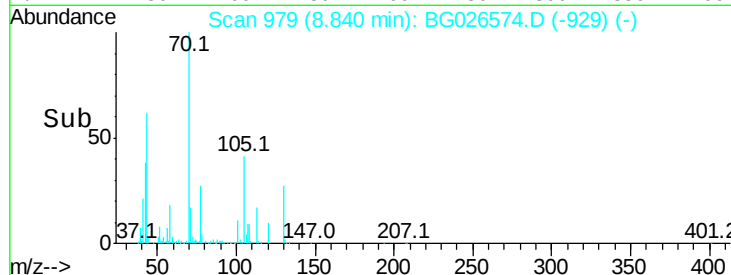
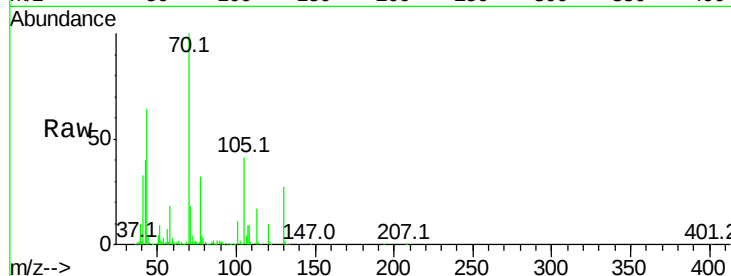
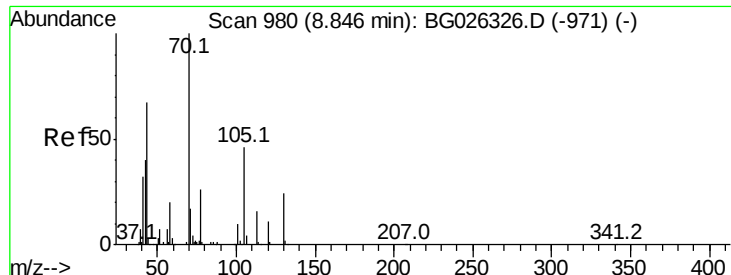
Abundance

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

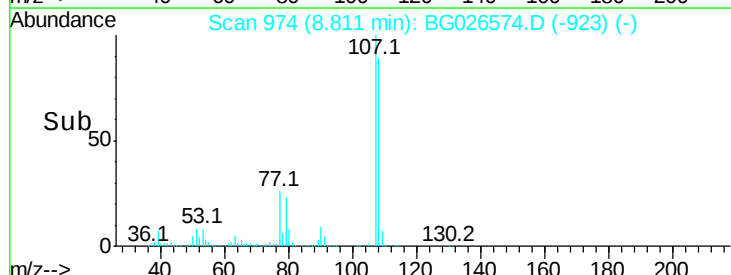
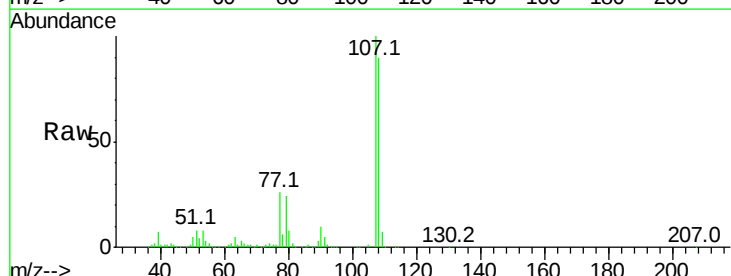
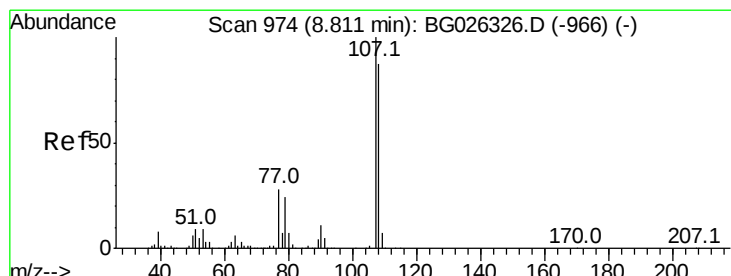
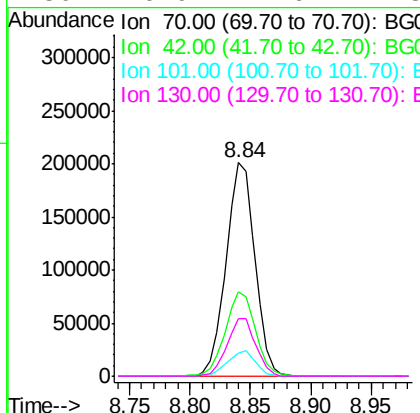




#19
n-Nitroso-di-n-propylamine
Concen: 38.05 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG026574.D
Acq: 6 Apr 2017 20:21

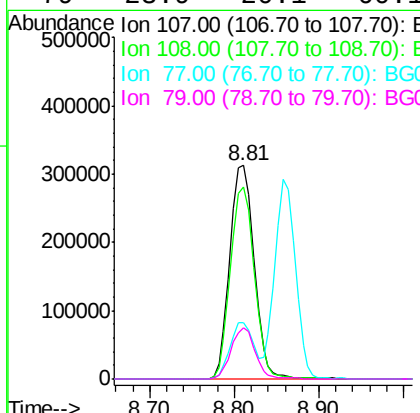
Instrument :
BNA_G
ClientSampleId :
PB98108BS

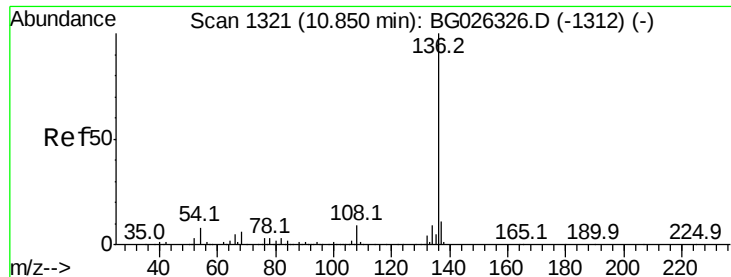
Tot Ion:	70	Resp:	333469
Ion	Ratio	Lower	Upper
70	100		
42	39.6	56.1	84.1#
101	10.5	7.5	11.3
130	26.9	14.6	21.8#



#20
3+4-Methylphenols
Concen: 43.58 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG026574.D
Acq: 6 Apr 2017 20:21

Tgt Ion:	107	Resp:	619943
Ion	Ratio	Lower	Upper
107	100		
108	90.0	70.8	110.8
77	26.2	25.8	65.8
79	23.9	20.1	60.1

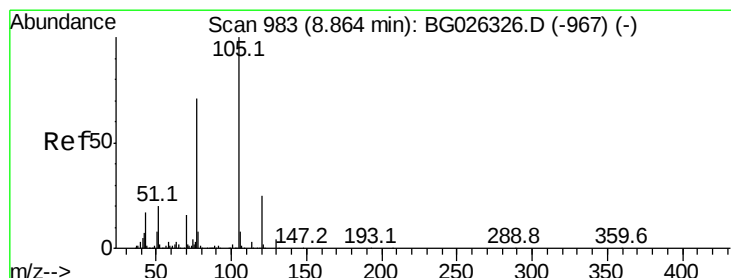
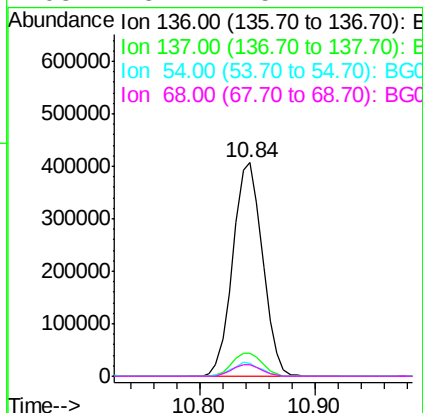
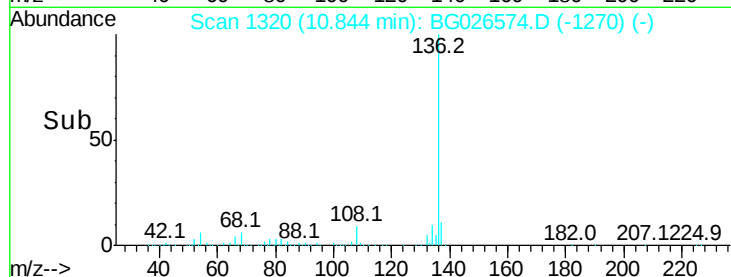
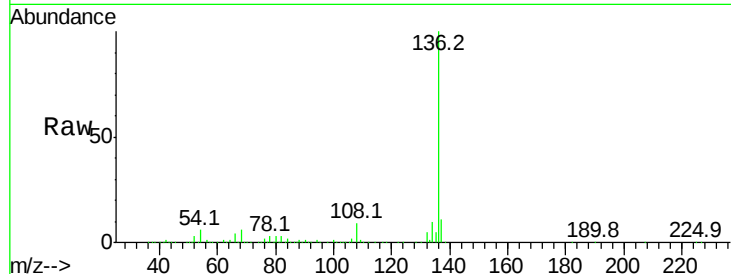




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BG026574.D
Acq: 6 Apr 2017 20:21

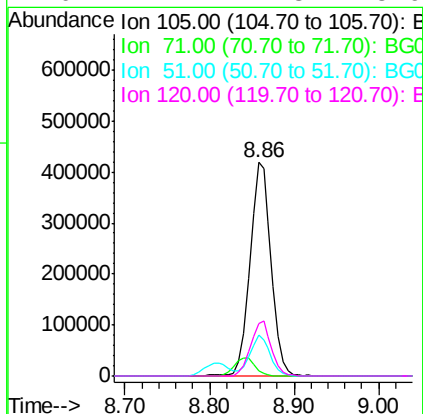
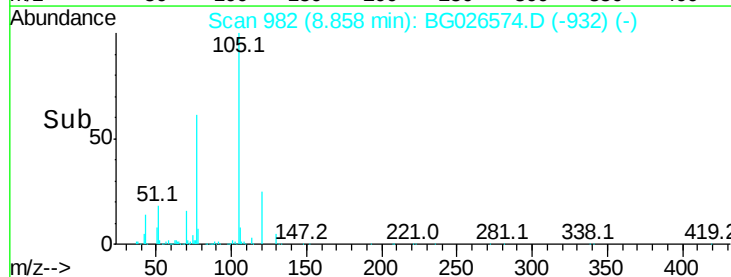
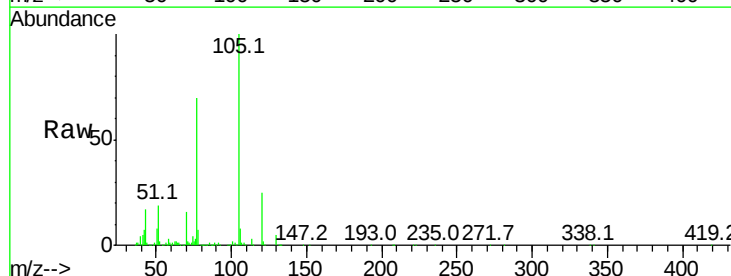
Instrument :
BNA_G
ClientSampleId :
PB98108BS

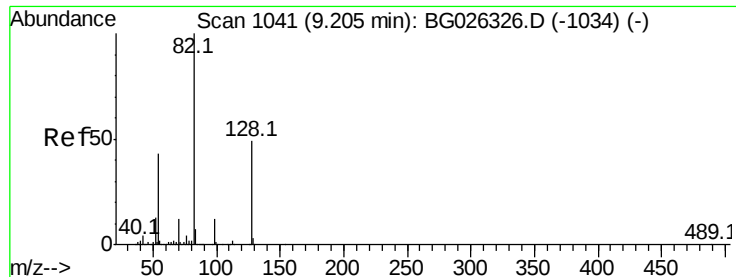
Tot Ion:136	Resp:	725177
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.9	13.3
54 6.2	9.3	13.9#
68 5.7	5.1	7.7



#22
Acetophenone
Concen: 43.78 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BG026574.D
Acq: 6 Apr 2017 20:21

Tgt	Ion:105	Resp:	730050
Ion	Ratio	Lower	Upper
105	100		
71	2.5	0.9	1.3#
51	19.0	34.0	51.0#
120	24.7	17.3	25.9

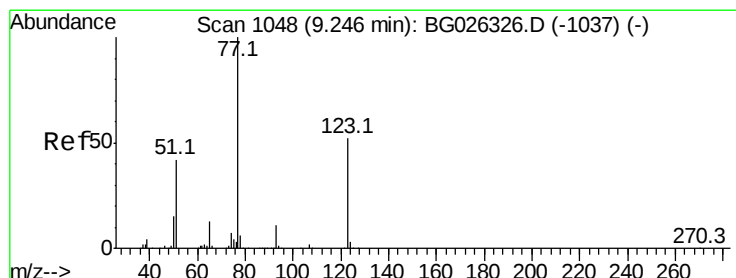
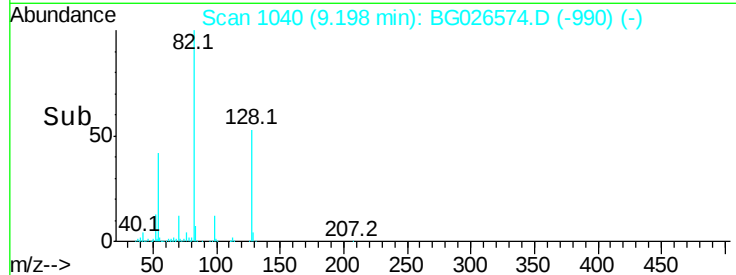
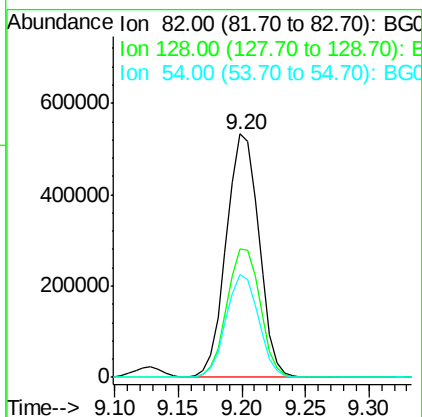
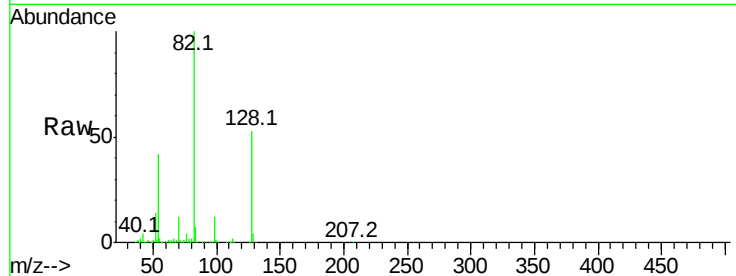




#23
 Nitrobenzene-d5
 Concen: 78.93 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG026574.D
 Acq: 6 Apr 2017 20:21

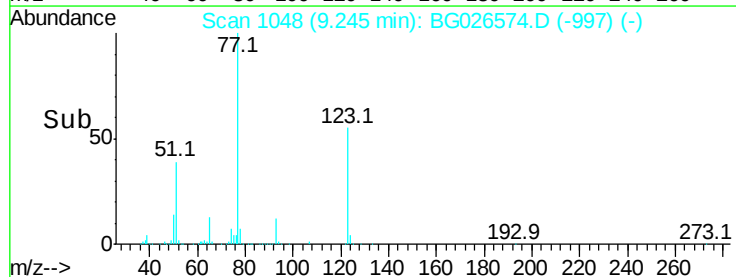
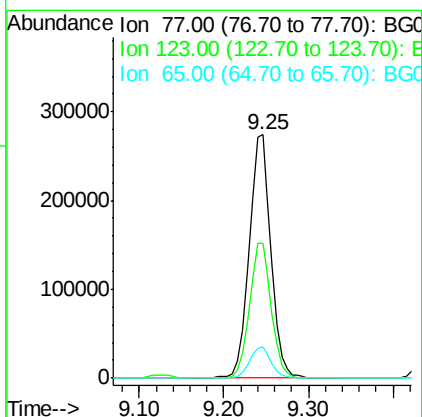
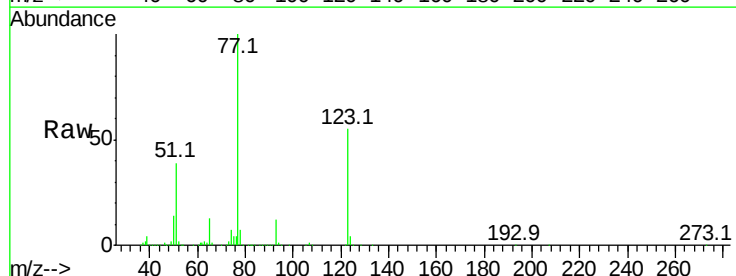
Instrument :
 BNA_G
 ClientSampleId :
 PB98108BS

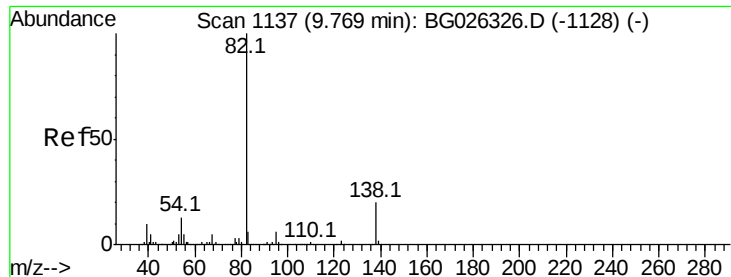
Tot Ion	82	Resp	951948
Ion Ratio	100	Lower	Upper
128	52.6	26.4	39.6#
54	42.4	49.4	74.2#



#24
 Nitrobenzene
 Concen: 41.41 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BG026574.D
 Acq: 6 Apr 2017 20:21

Tgt Ion	77	Resp	493162
Ion Ratio	100	Lower	Upper
123	55.1	26.1	39.1#
65	12.8	12.4	18.6





#25

Isophorone

Concen: 41.46 ng

RT: 9.76 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BG026574.D

Acq: 6 Apr 2017 20:21

Instrument :

BNA_G

ClientSampleId :

PB98108BS

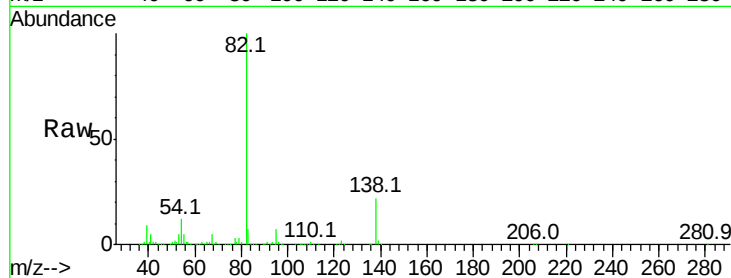
Tot Ion: 82 Resp: 942527

Ion Ratio Lower Upper

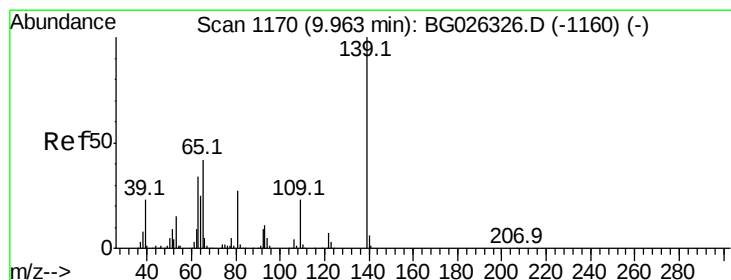
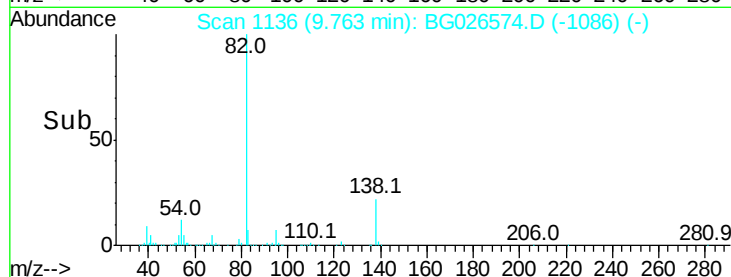
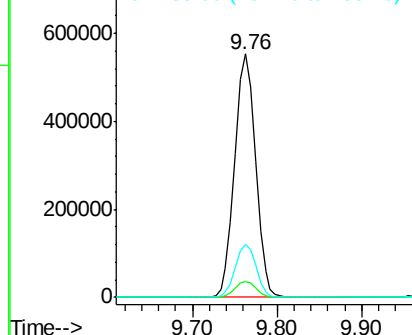
82 100

95 6.6 7.5 11.3#

138 21.7 12.3 18.5#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 49.15 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BG026574.D

Acq: 6 Apr 2017 20:21

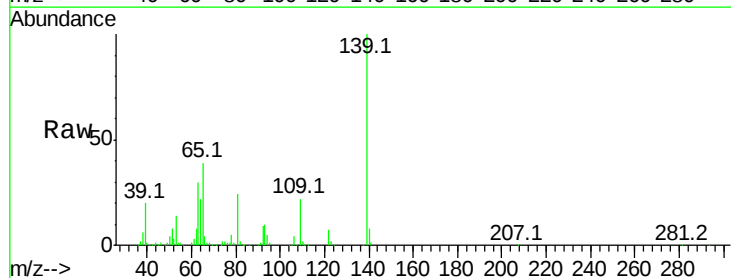
Tgt Ion: 139 Resp: 304573

Ion Ratio Lower Upper

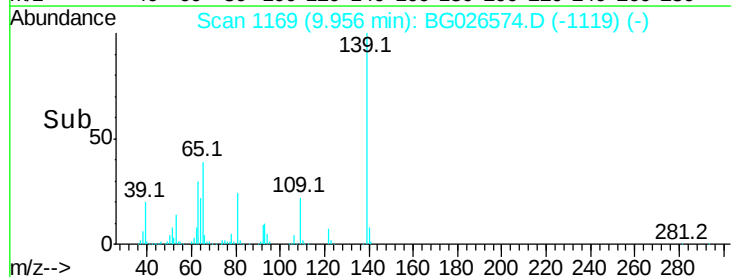
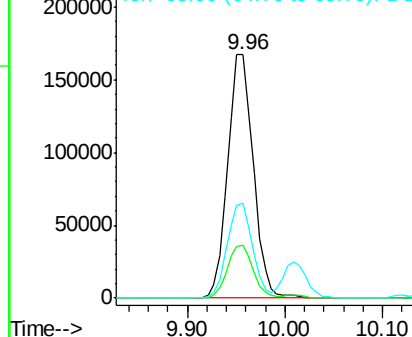
139 100

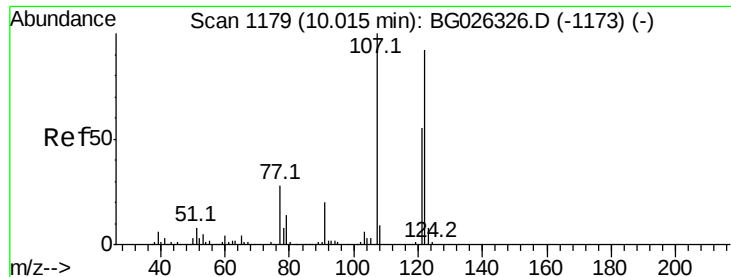
109 22.0 38.6 58.0#

65 39.0 57.1 85.7#



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

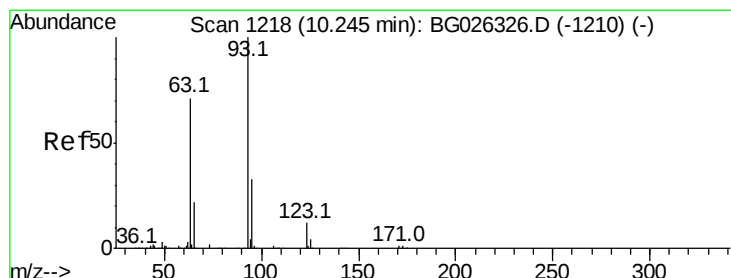
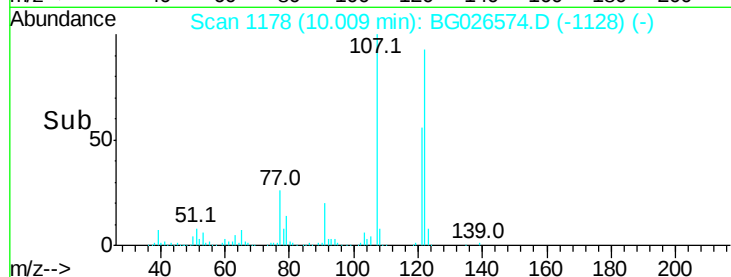
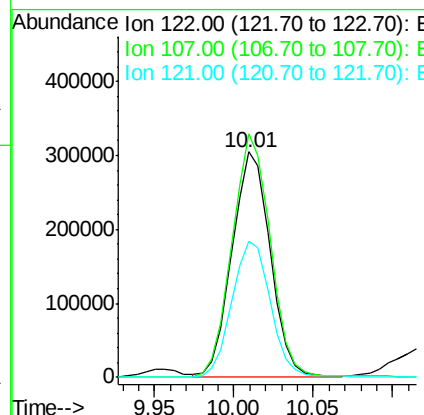
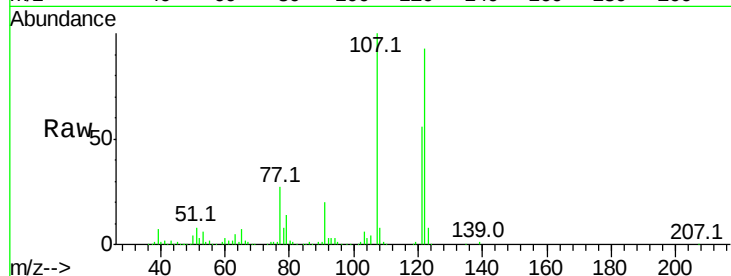




#27
2,4-Dimethylphenol
Concen: 49.91 ng
RT: 10.01 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BG026574.D
Acq: 6 Apr 2017 20:21

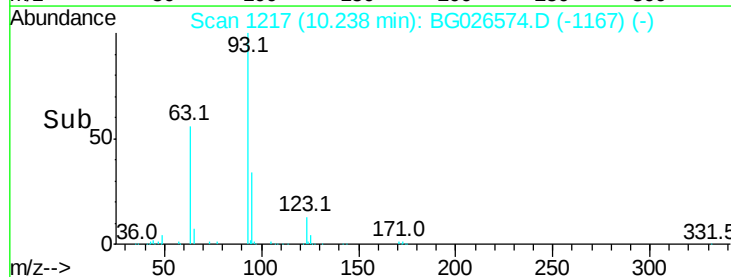
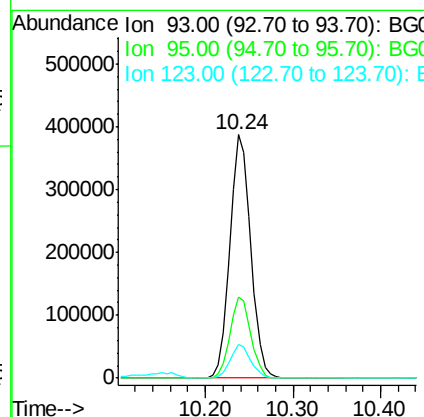
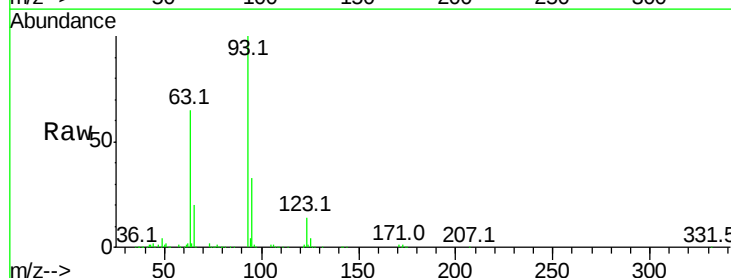
Instrument :
BNA_G
ClientSampleId :
PB98108BS

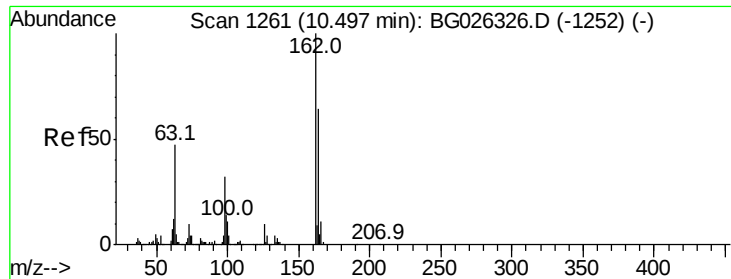
Tot Ion:122 Resp: 507614
Ion Ratio Lower Upper
122 100
107 108.1 104.2 156.4
121 60.4 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 42.93 ng
RT: 10.24 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BG026574.D
Acq: 6 Apr 2017 20:21

Tgt Ion: 93 Resp: 633945
Ion Ratio Lower Upper
93 100
95 33.1 25.7 38.5
123 13.6 8.3 12.5#

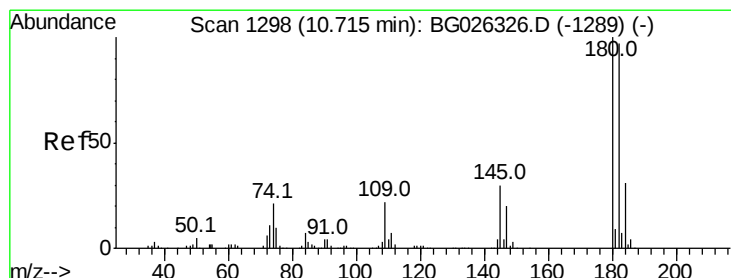
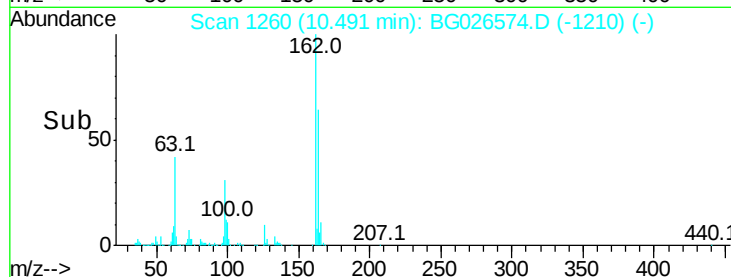
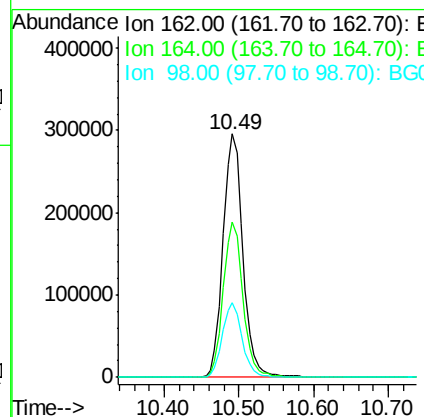
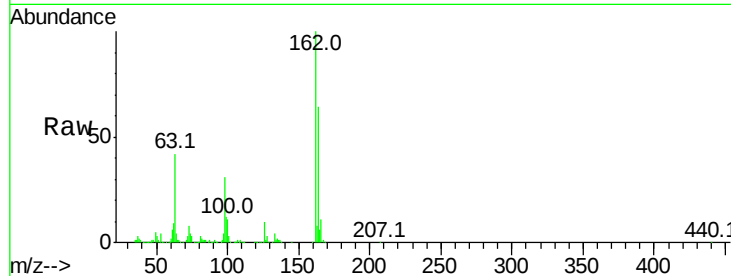




#29
 2,4-Dichlorophenol
 Concen: 53.28 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BG026574.D
 Acq: 6 Apr 2017 20:21

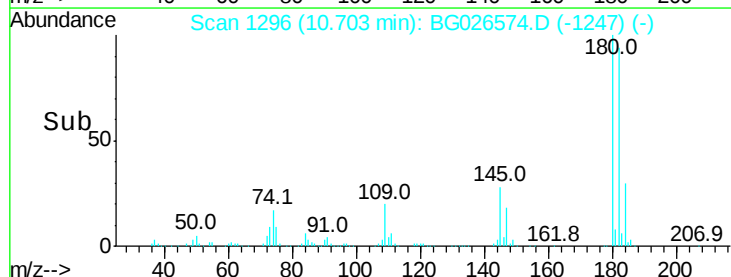
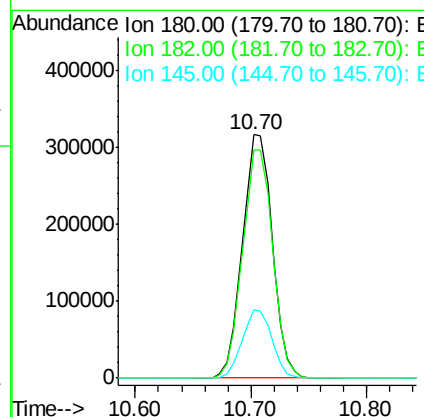
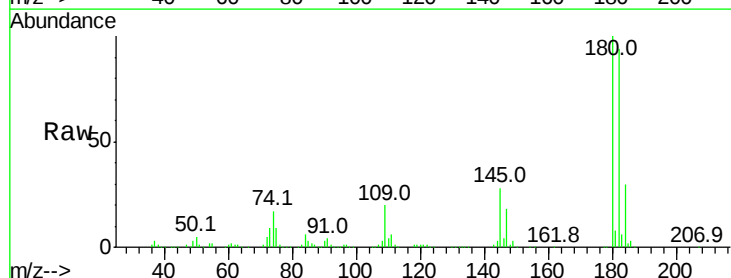
Instrument :
 BNA_G
 ClientSampleId :
 PB98108BS

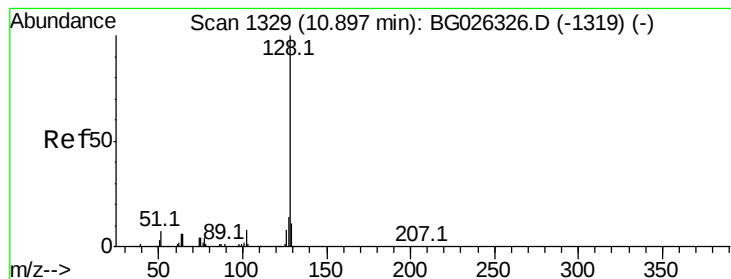
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	42.4	82.4
98	30.8	20.3	60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 49.20 ng
 RT: 10.70 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BG026574.D
 Acq: 6 Apr 2017 20:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	77.0	115.4
145	27.9	23.4	35.0





#31

Naphthalene

Concen: 43.65 ng

RT: 10.89 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BG026574.D

Acq: 6 Apr 2017 20:21

Instrument :

BNA_G

ClientSampleId :

PB98108BS

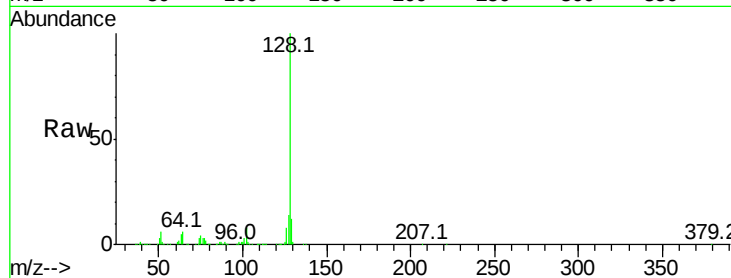
Tot Ion:128 Resp: 1600529

Ion Ratio Lower Upper

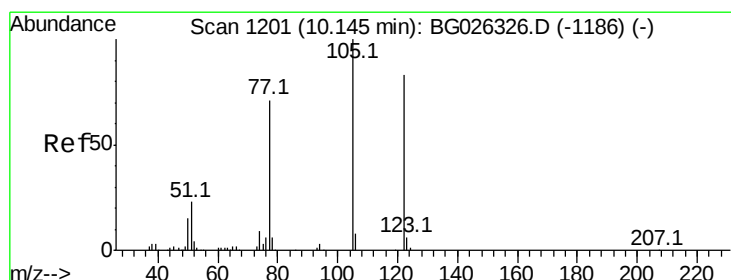
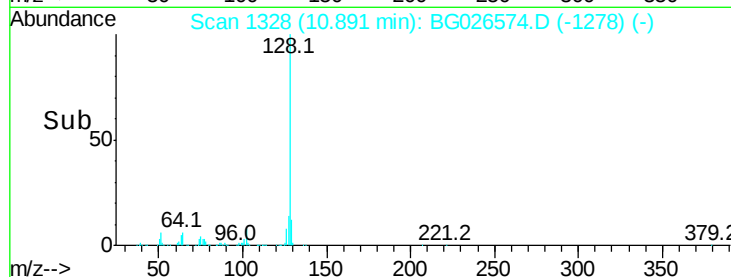
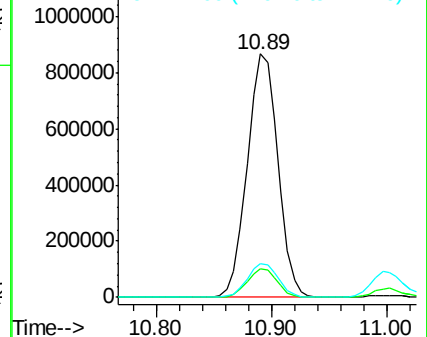
128 100

129 11.9 9.3 13.9

127 13.8 11.4 17.0



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



#32

Benzoic acid

Concen: 40.63 ng

RT: 10.16 min Scan# 1203

Delta R.T. 0.01 min

Lab File: BG026574.D

Acq: 6 Apr 2017 20:21

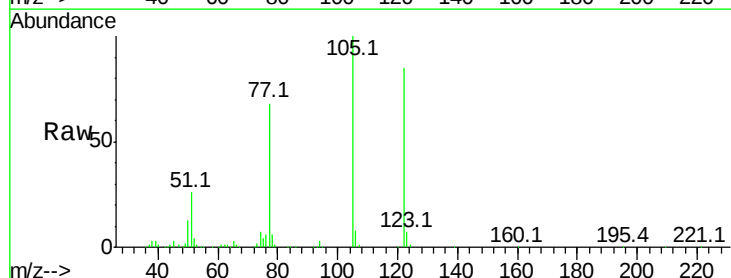
Tgt Ion:122 Resp: 317937

Ion Ratio Lower Upper

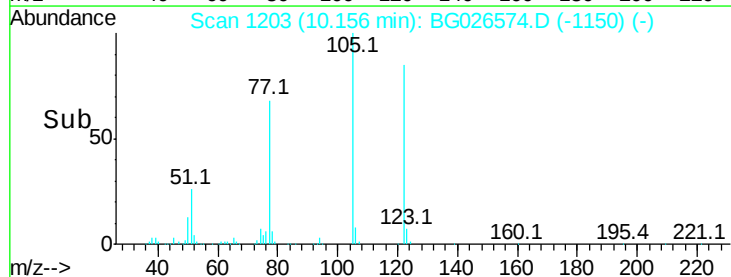
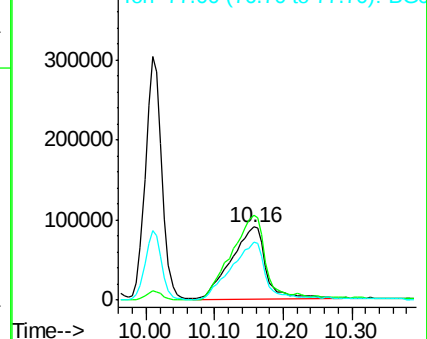
122 100

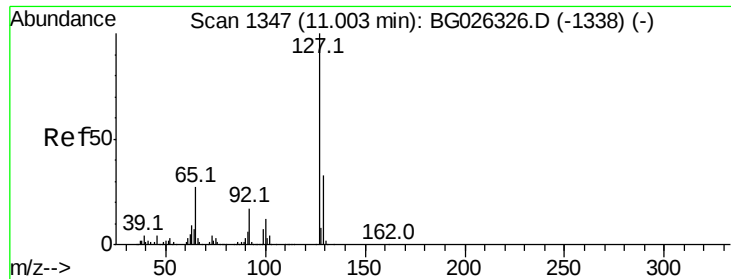
105 117.3 120.1 160.1#

77 80.3 104.6 144.6#



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

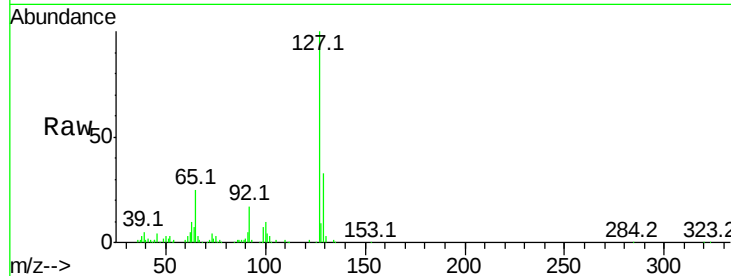




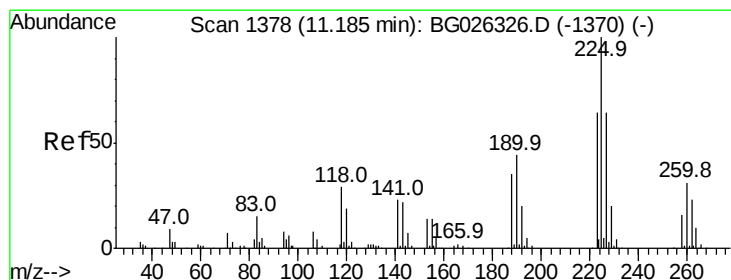
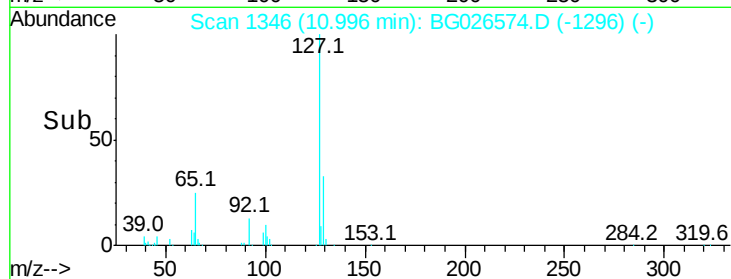
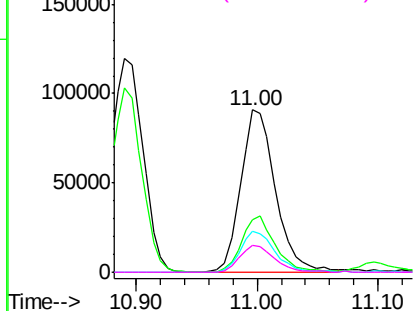
#33
4-Chloroaniline
Concen: 12.13 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG026574.D
Acq: 6 Apr 2017 20:21

Instrument :
BNA_G
ClientSampleId :
PB98108BS

Tot Ion:	127	Resp:	180950
Ion	Ratio	Lower	Upper
127	100		
129	32.6	23.6	35.4
65	25.4	37.7	56.5#
92	16.6	17.6	26.4#

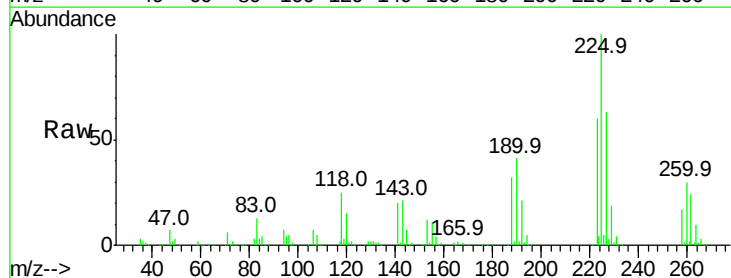


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

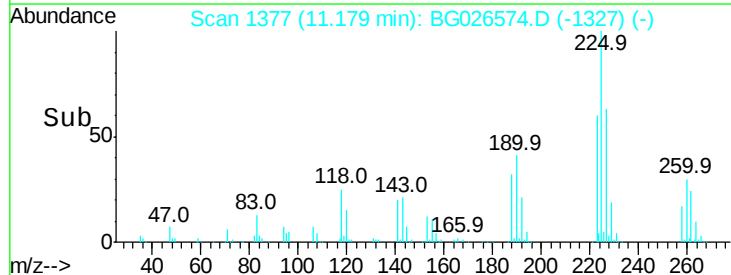
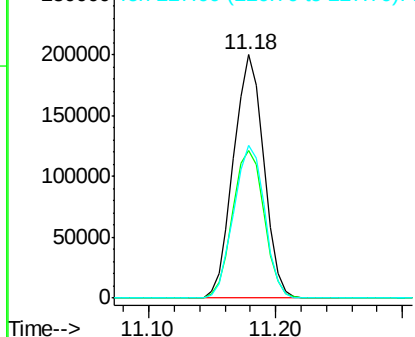


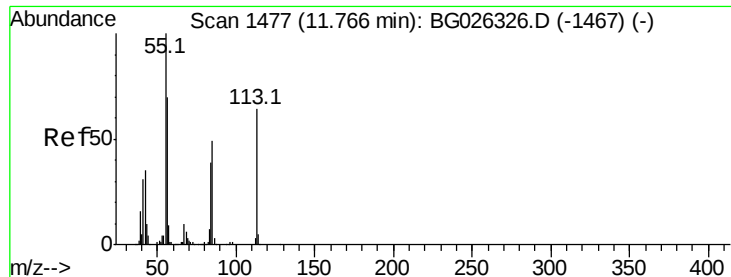
#34
Hexachlorobutadiene
Concen: 48.50 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BG026574.D
Acq: 6 Apr 2017 20:21

Tgt Ion:	225	Resp:	330653
Ion	Ratio	Lower	Upper
225	100		
223	60.4	50.7	76.1
227	62.5	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: 44.33 ng/ml

RT: 11.76 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BG026574.D

Acq: 6 Apr 2017 20:21

Instrument :

BNA_G

ClientSampleId :

PB98108BS

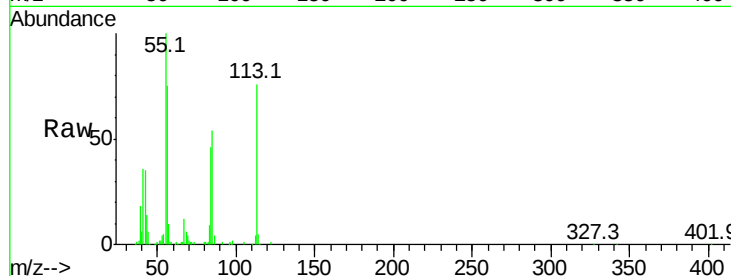
Tot Ion:113 Resp: 179681

Ion Ratio Lower Upper

113 100

55 131.9 198.6 238.6#

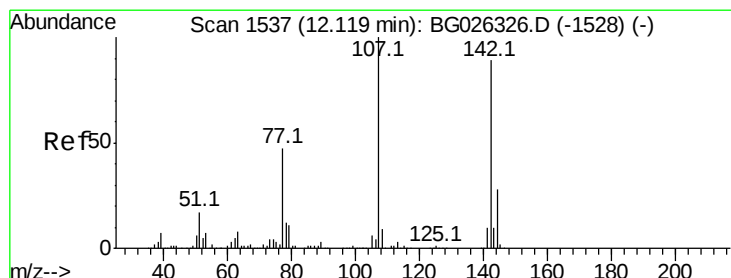
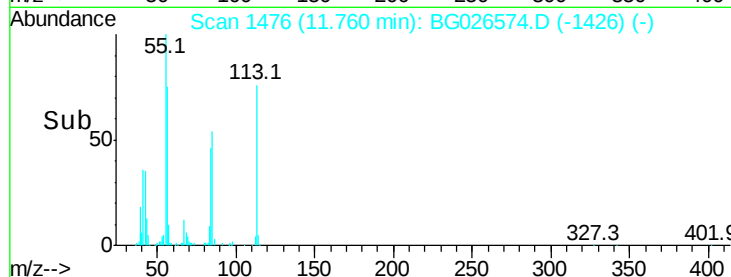
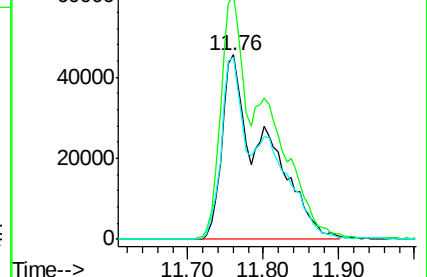
56 98.7 140.4 180.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 46.89 ng/ml

RT: 12.11 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BG026574.D

Acq: 6 Apr 2017 20:21

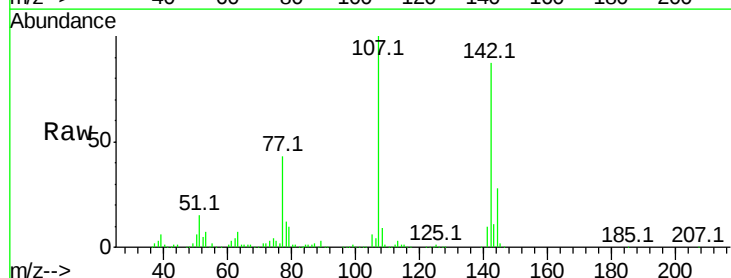
Tgt Ion:107 Resp: 515972

Ion Ratio Lower Upper

107 100

144 28.1 17.4 26.0#

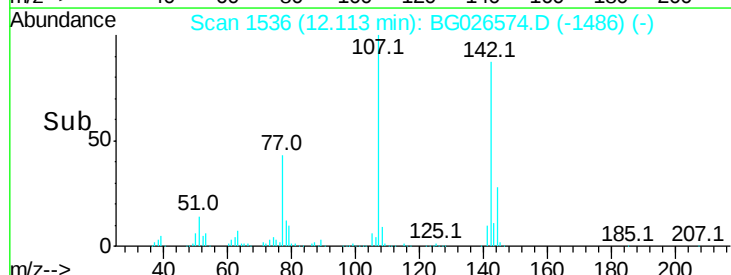
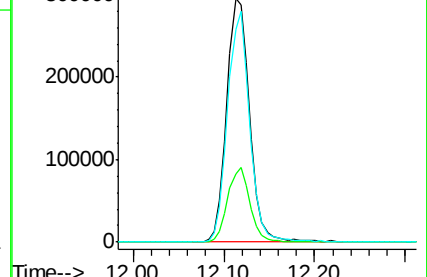
142 87.4 54.1 81.1#

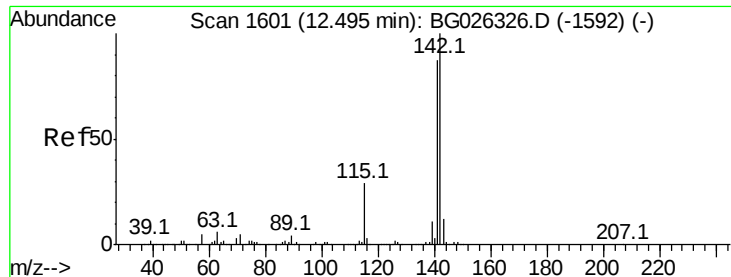


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

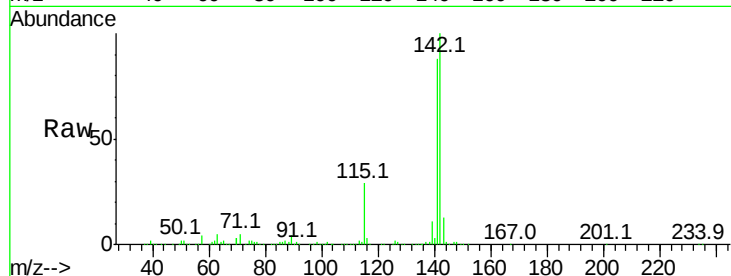




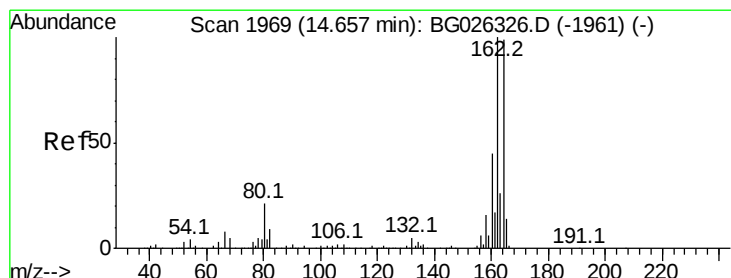
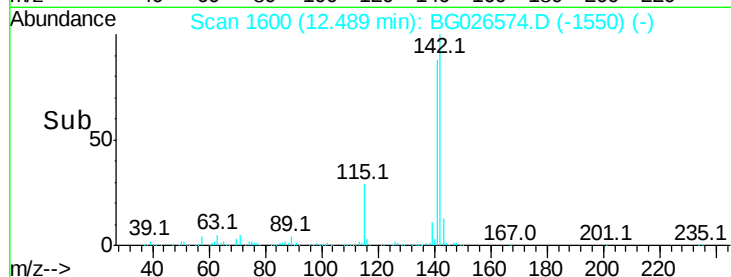
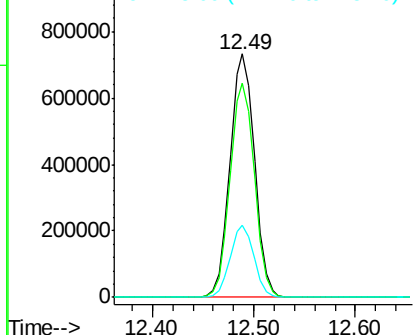
#37
2-Methylnaphthalene
Concen: 45.70 ng
RT: 12.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BG026574.D
Acq: 6 Apr 2017 20:21

Instrument :
BNA_G
ClientSampleId :
PB98108BS

Tot Ion:142 Resp: 1227285
Ion Ratio Lower Upper
142 100
141 88.1 70.4 105.6
115 29.4 35.5 53.3#

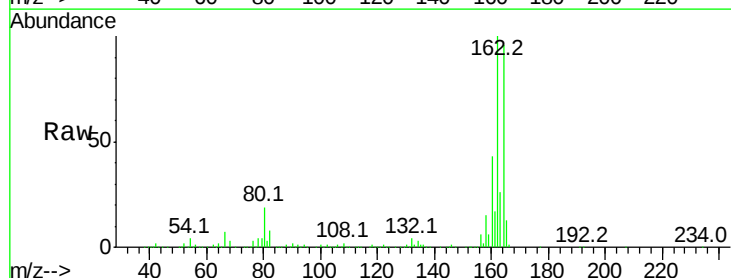


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

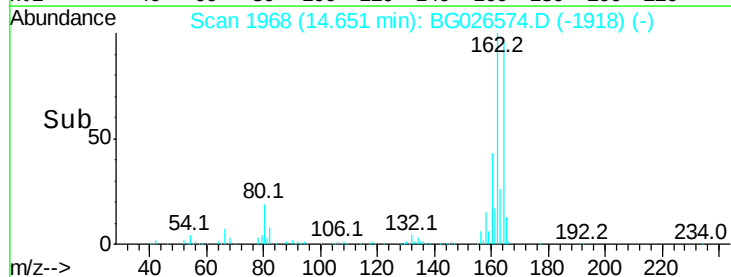
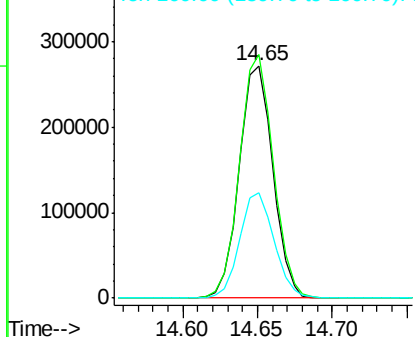


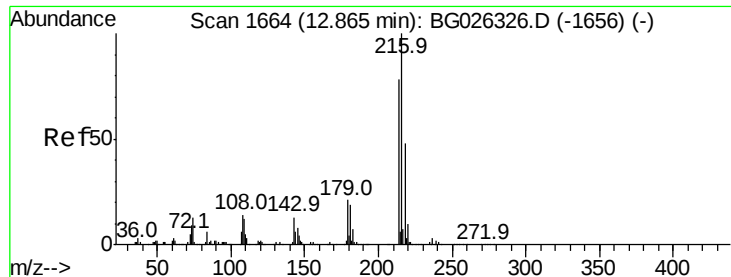
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG026574.D
Acq: 6 Apr 2017 20:21

Tgt Ion:164 Resp: 425673
Ion Ratio Lower Upper
164 100
162 104.6 85.1 127.7
160 45.2 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: 46.46 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG026574.D

Acq: 6 Apr 2017 20:21

Instrument :

BNA_G

ClientSampleId :

PB98108BS

Tot Ion:216 Resp: 595082

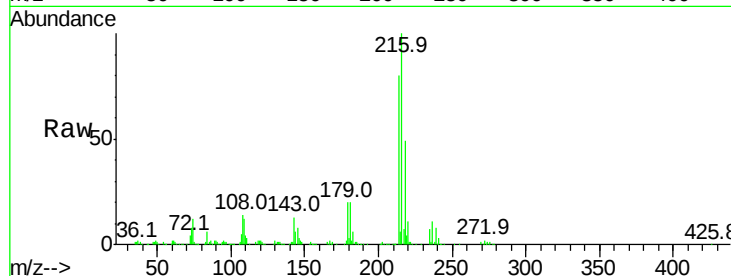
Ion Ratio Lower Upper

216 100

214 79.2 64.4 96.6

179 20.3 17.4 26.0

108 16.8 15.6 23.4

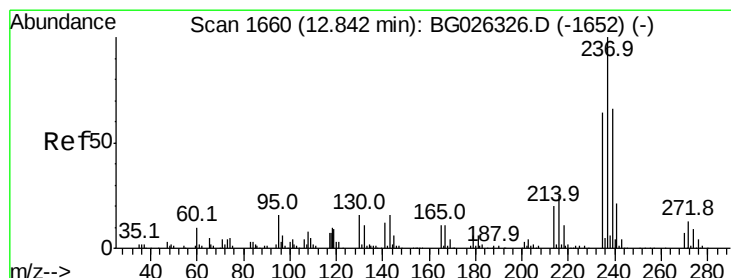
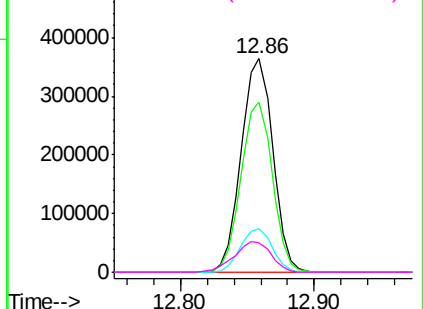
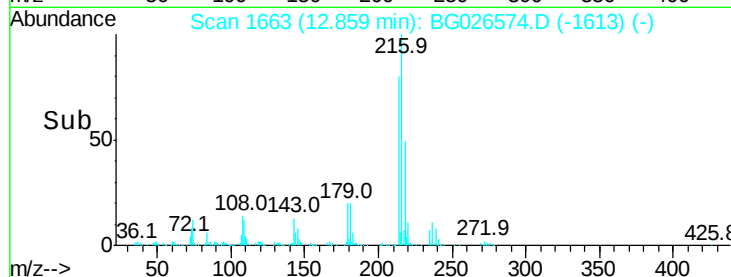


Abundance Ion 216.00 (215.70 to 216.70): E

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: 103.17 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BG026574.D

Acq: 6 Apr 2017 20:21

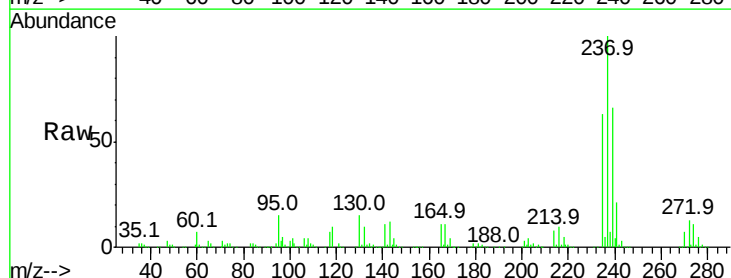
Tgt Ion:237 Resp: 695557

Ion Ratio Lower Upper

237 100

235 63.3 39.4 79.4

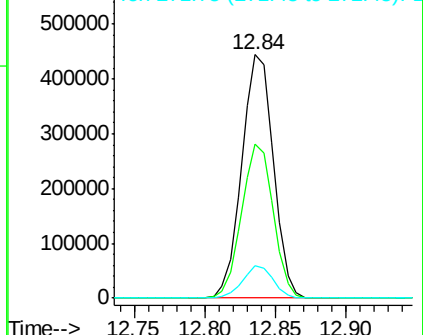
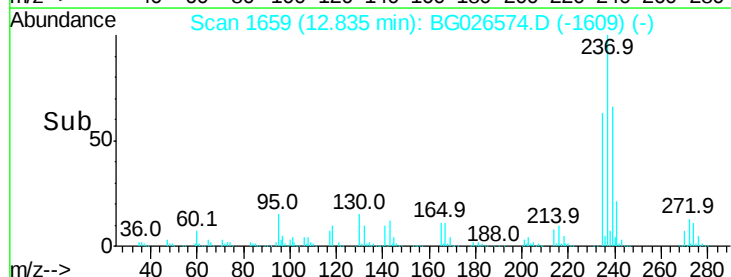
272 13.2 0.0 32.0

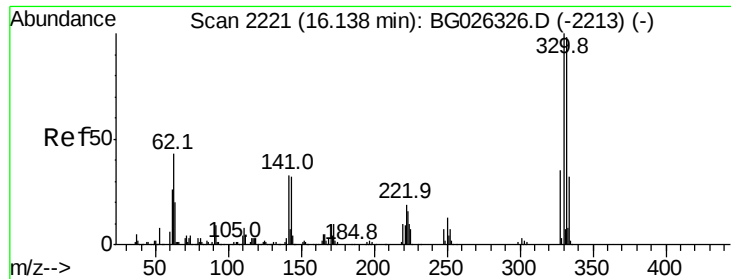


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

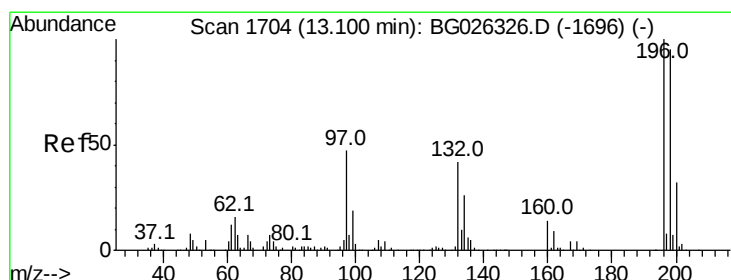
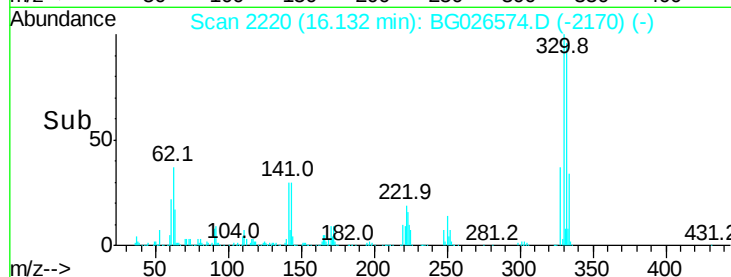
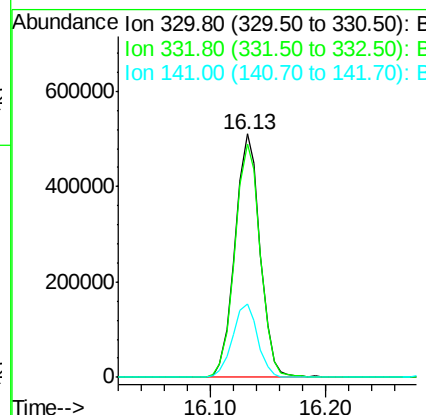
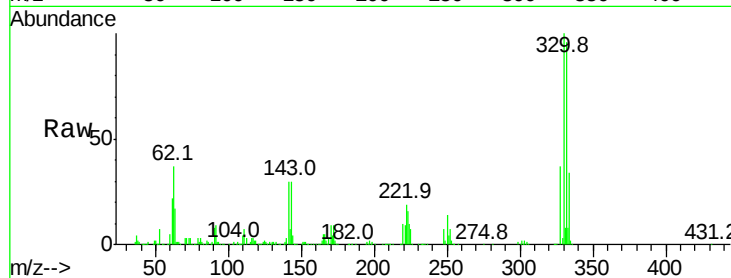




#41
 2,4,6-Tribromophenol
 Concen: 157.23 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG026574.D
 Acq: 6 Apr 2017 20:21

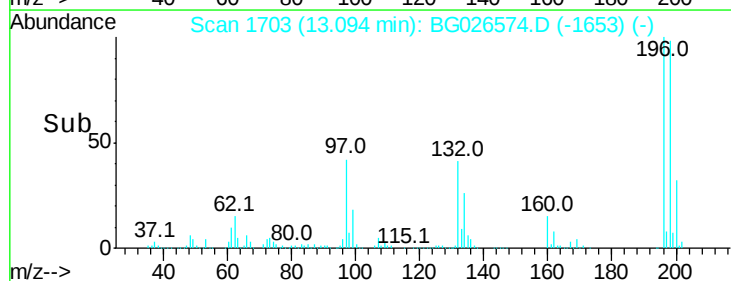
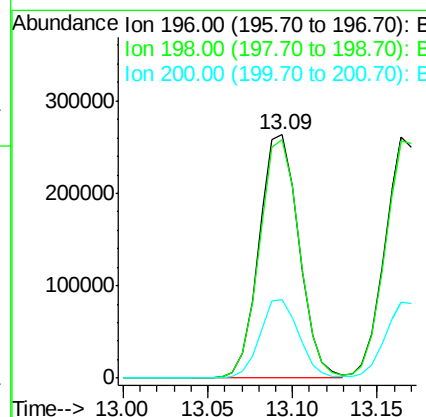
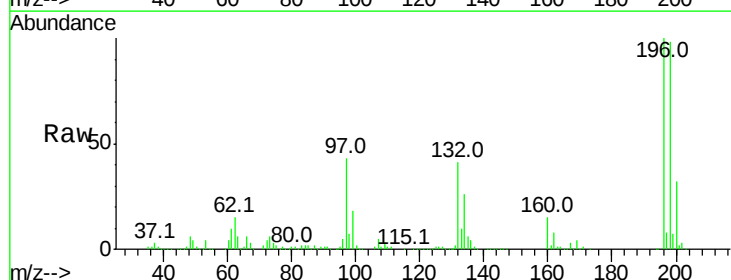
Instrument :
 BNA_G
 ClientSampleId :
 PB98108BS

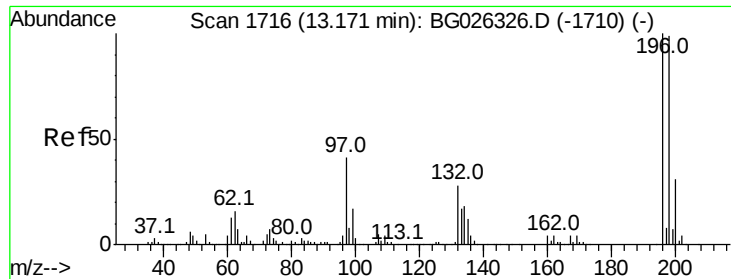
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.3	115.9
141	30.4	32.1	48.1#



#42
 2,4,6-Trichlorophenol
 Concen: 51.33 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG026574.D
 Acq: 6 Apr 2017 20:21

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.8	81.4	122.2
200	32.2	27.0	40.6

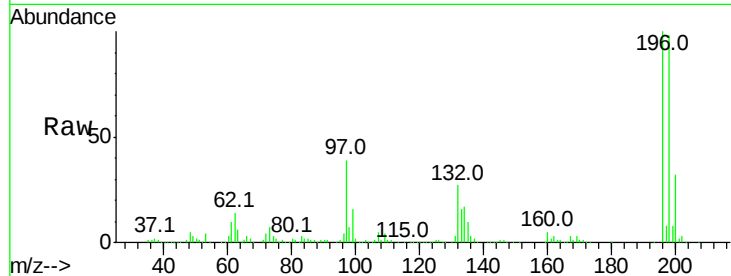




#43
 2,4,5-Trichlorophenol
 Concen: 48.91 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BG026574.D
 Acq: 6 Apr 2017 20:21

Instrument :
 BNA_G
 ClientSampleId :
 PB98108BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.0	79.9	119.9
97	38.6	45.4	68.0
132	27.1	20.7	31.1



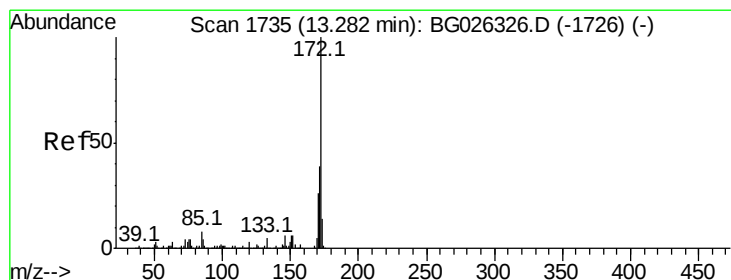
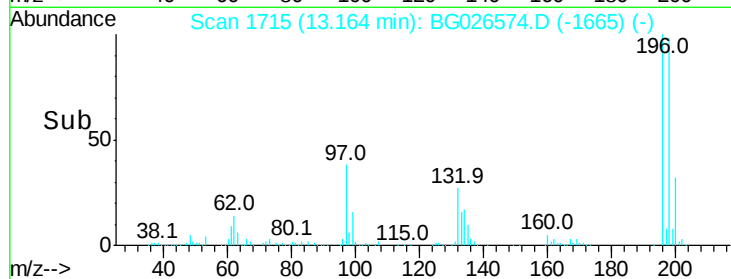
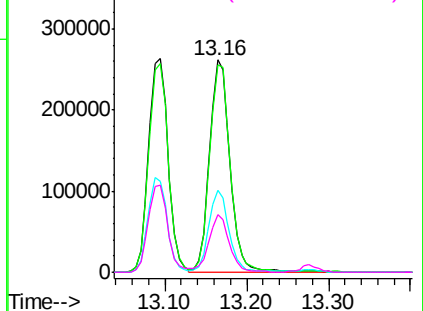
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

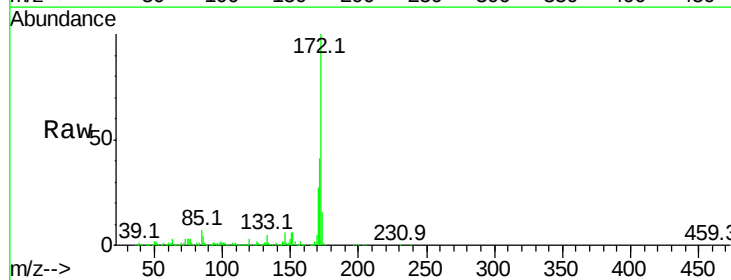
Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 84.82 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG026574.D
 Acq: 6 Apr 2017 20:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.7	32.2	48.2
170	27.2	21.8	32.6

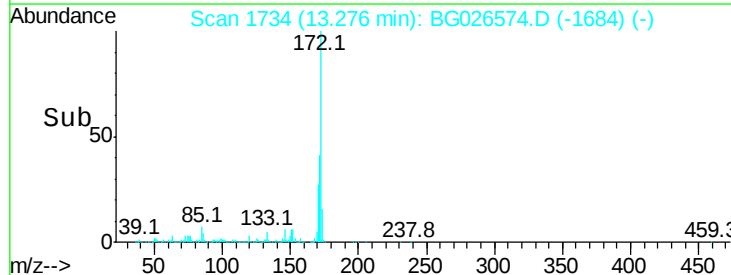
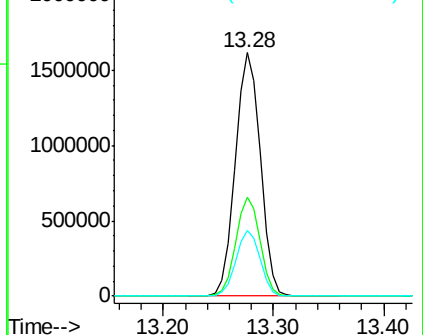


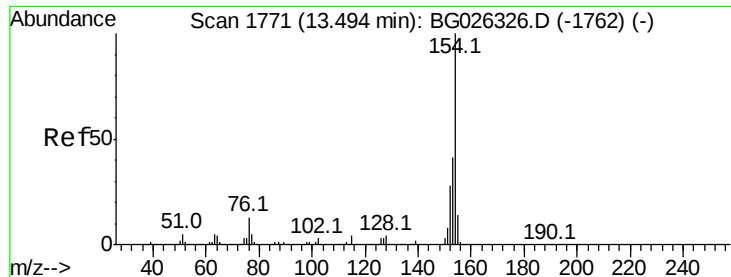
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 44.20 ng

RT: 13.49 min Scan# 1770

Delta R.T. -0.01 min

Lab File: BG026574.D

Acq: 6 Apr 2017 20:21

Instrument :

BNA_G

ClientSampled :

PB98108BS

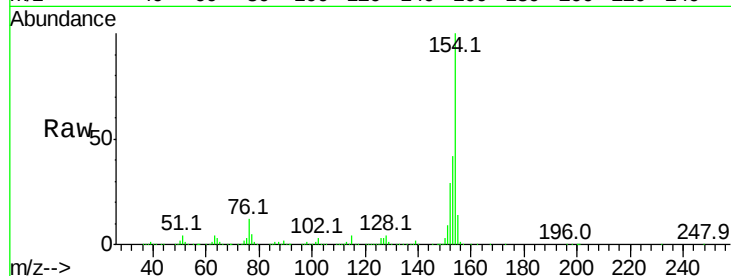
Tot Ion:154 Resp: 1558264

Ion Ratio Lower Upper

154 100

153 41.9 23.0 63.0

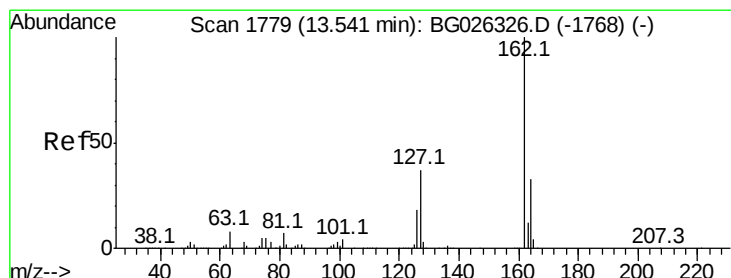
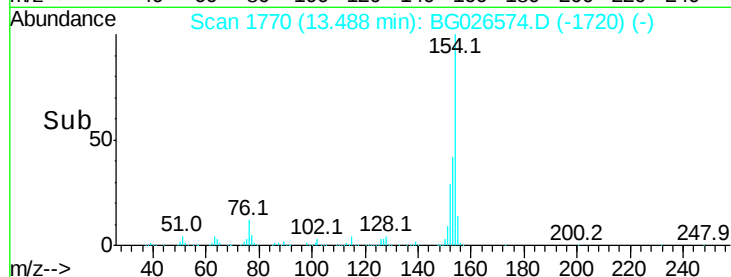
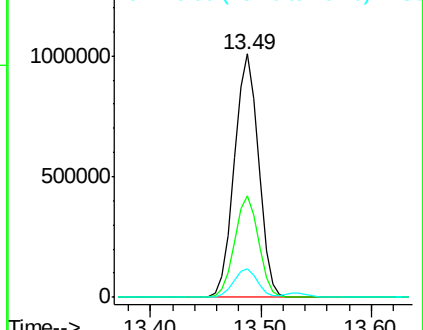
76 11.6 0.0 33.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 45.96 ng

RT: 13.53 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BG026574.D

Acq: 6 Apr 2017 20:21

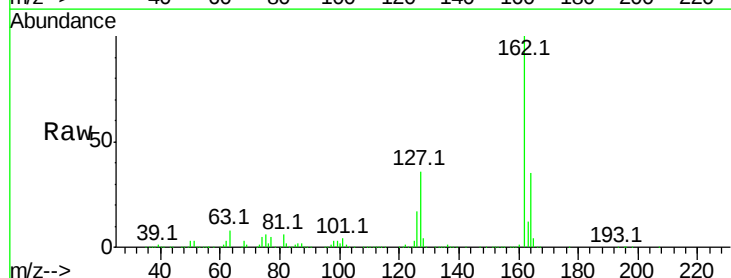
Tgt Ion:162 Resp: 1183357

Ion Ratio Lower Upper

162 100

127 36.5 32.2 48.4

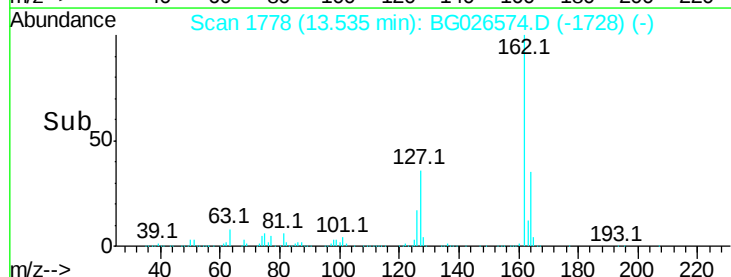
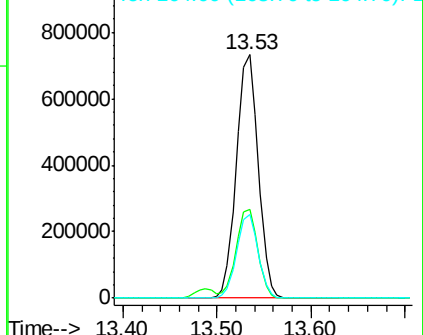
164 34.6 27.3 40.9

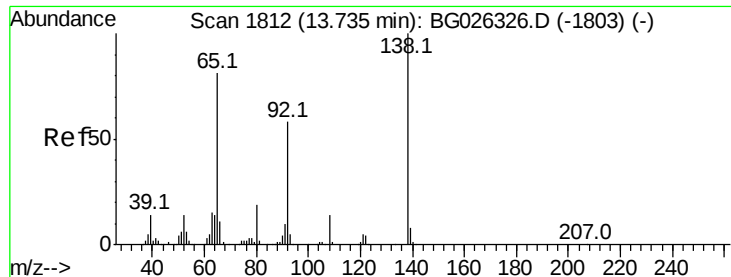


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.44 ng

RT: 13.73 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BG026574.D

Acq: 6 Apr 2017 20:21

Instrument :

BNA_G

ClientSampleId :

PB98108BS

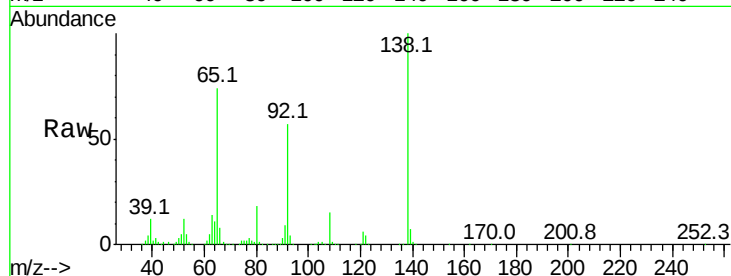
Tot Ion: 65 Resp: 296104

Ion Ratio Lower Upper

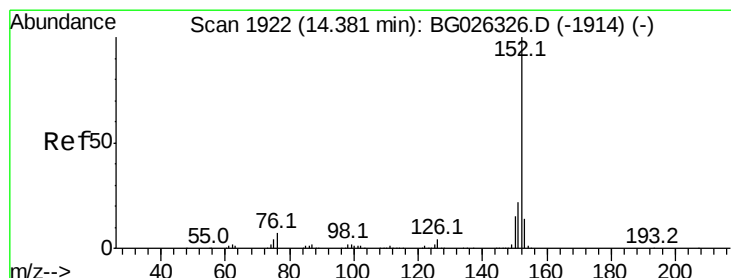
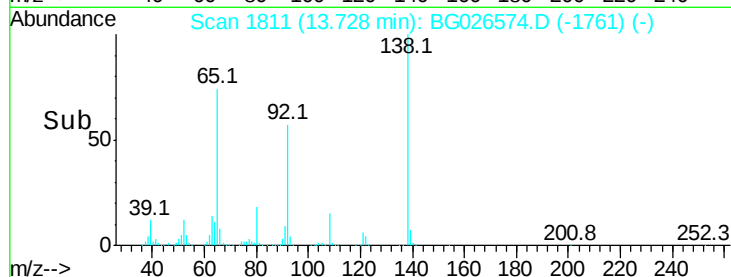
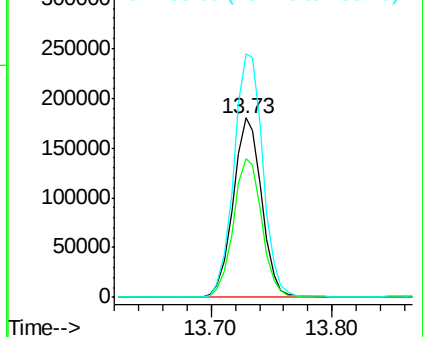
65 100

92 77.5 49.0 73.4#

138 135.7 58.6 87.8#



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



#48

Acenaphthylene

Concen: 42.53 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG026574.D

Acq: 6 Apr 2017 20:21

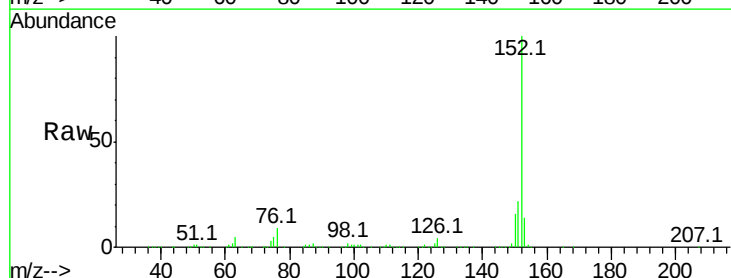
Tgt Ion: 152 Resp: 1909116

Ion Ratio Lower Upper

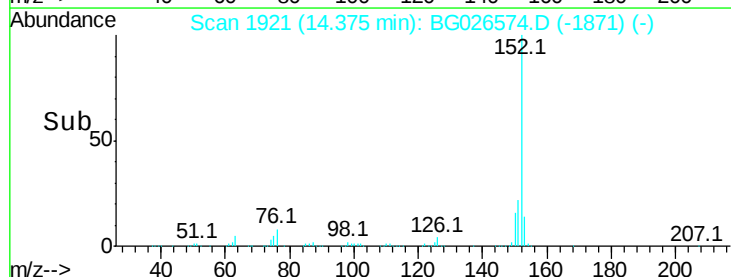
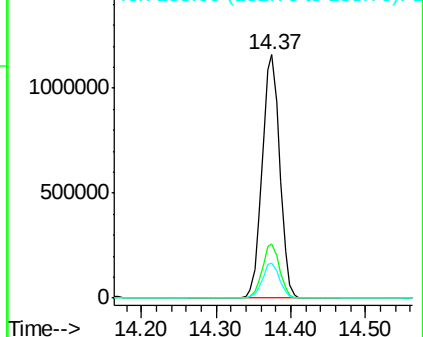
152 100

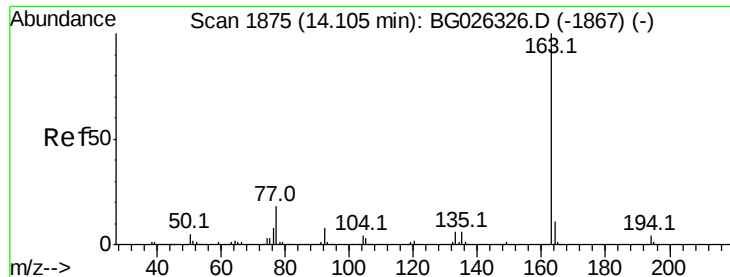
151 22.3 18.2 27.2

153 14.4 11.3 16.9



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





#49

Dimethylphthalate

Concen: 46.75 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG026574.D

Acq: 6 Apr 2017 20:21

Instrument :

BNA_G

ClientSampleId :

PB98108BS

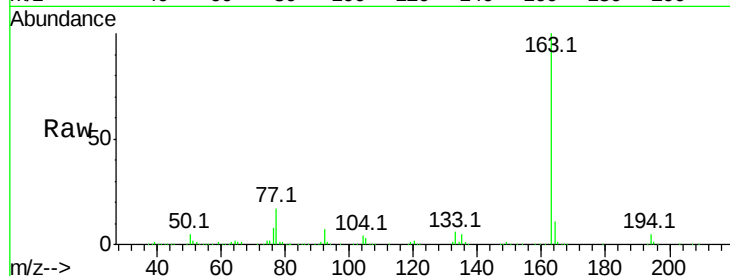
Tot Ion:163 Resp: 1501918

Ion Ratio Lower Upper

163 100

194 5.0 3.8 5.6

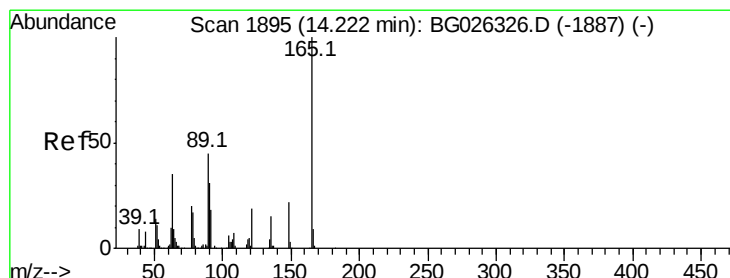
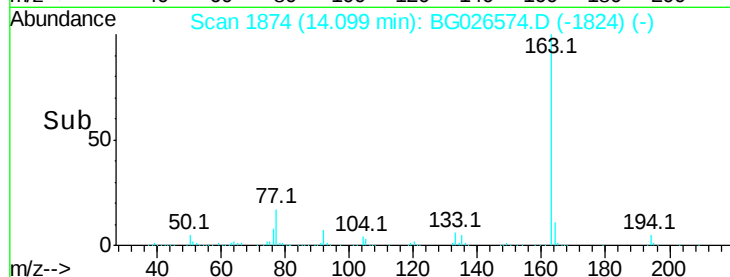
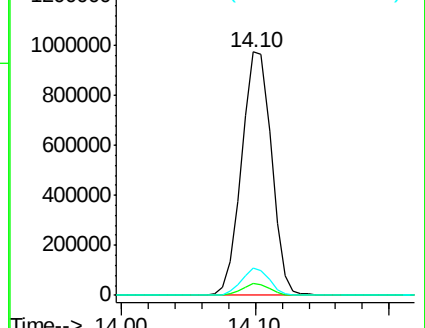
164 11.1 9.3 13.9



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: 47.94 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BG026574.D

Acq: 6 Apr 2017 20:21

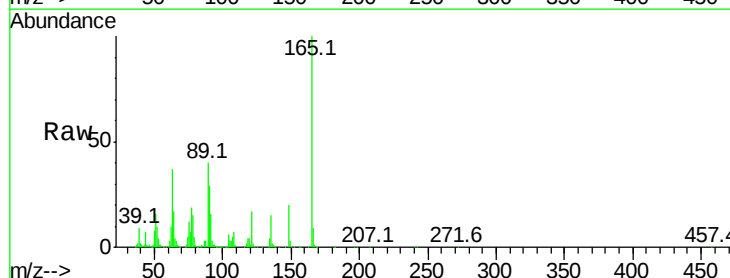
Tgt Ion:165 Resp: 359521

Ion Ratio Lower Upper

165 100

63 37.5 63.9 95.9#

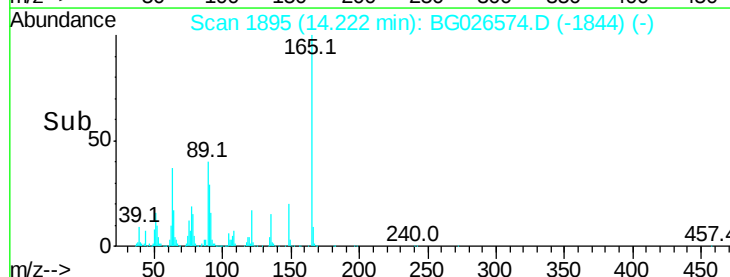
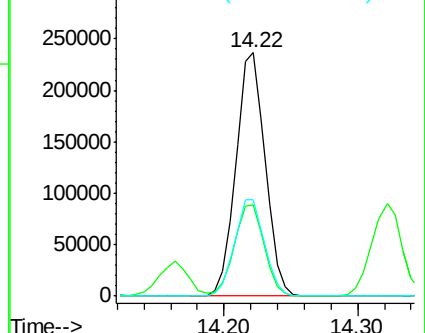
89 39.6 58.6 88.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 43.57 ng

RT: 14.71 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BG026574.D

Acq: 6 Apr 2017 20:21

Instrument :

BNA_G

ClientSampleId :

PB98108BS

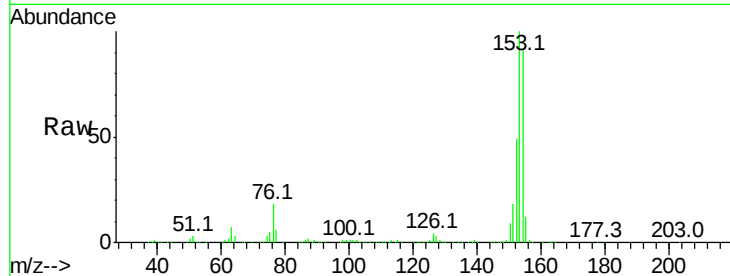
Tot Ion:154 Resp: 1204131

Ion Ratio Lower Upper

154 100

153 109.4 87.8 131.6

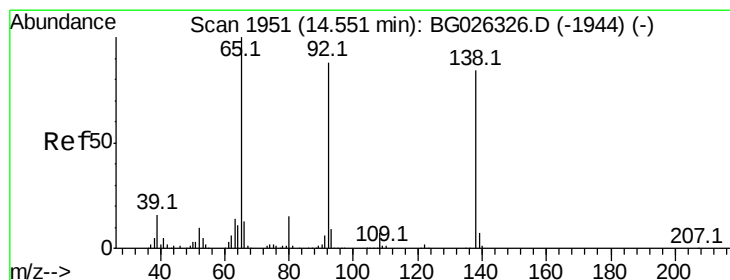
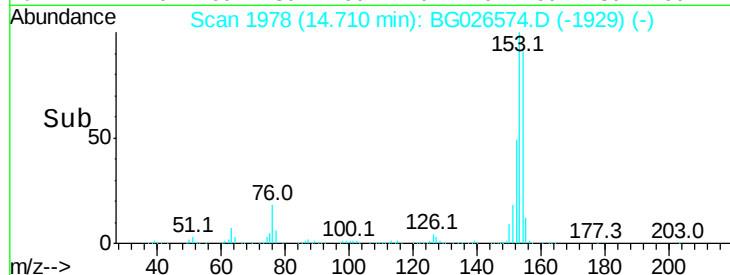
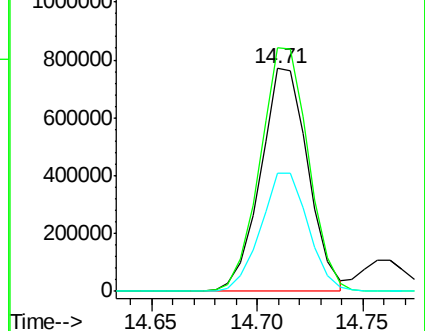
152 53.4 42.2 63.4



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: 19.92 ng

RT: 14.55 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BG026574.D

Acq: 6 Apr 2017 20:21

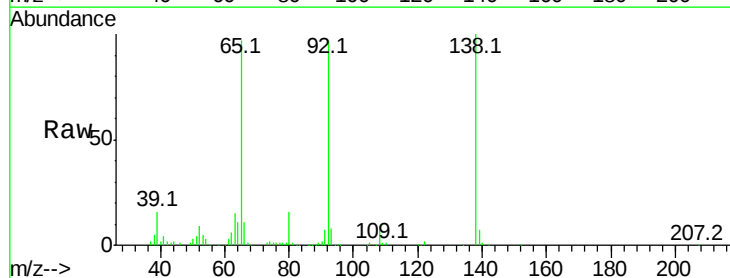
Tgt Ion:138 Resp: 164445

Ion Ratio Lower Upper

138 100

108 8.7 10.9 16.3#

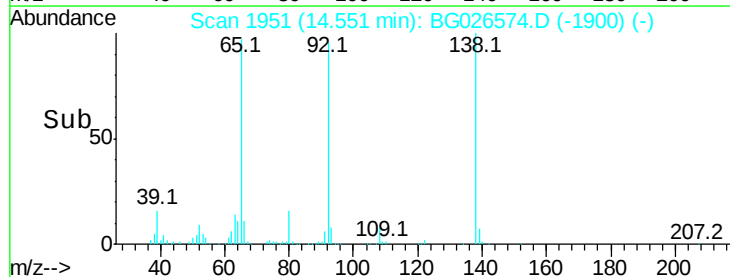
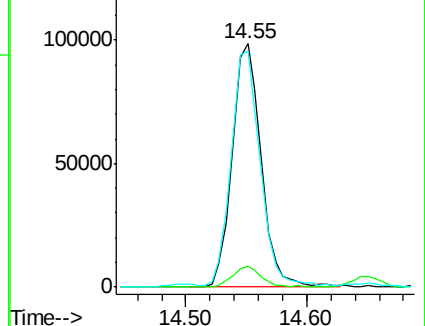
92 96.7 115.3 172.9#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

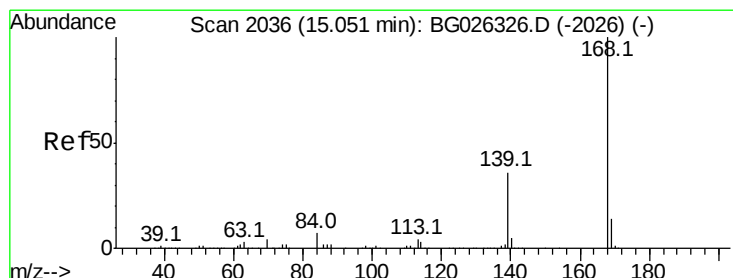
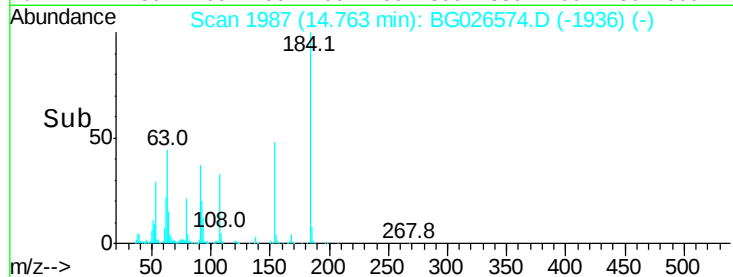
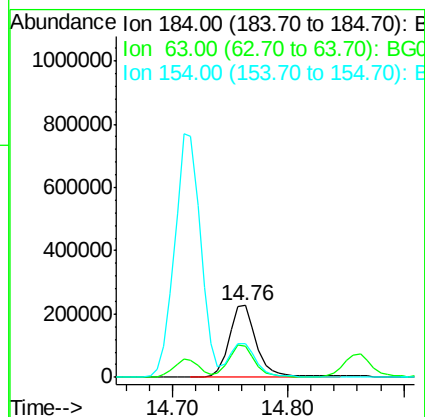
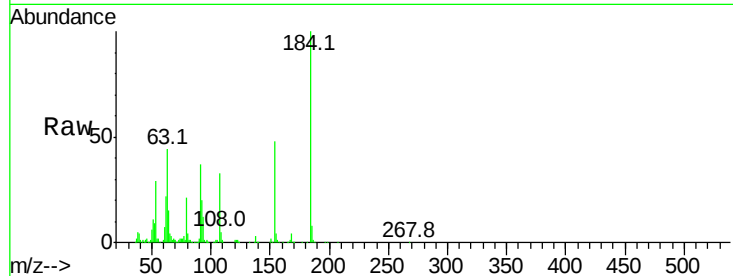




#53
2,4-Dinitrophenol
Concen: 86.45 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG026574.D
Acq: 6 Apr 2017 20:21

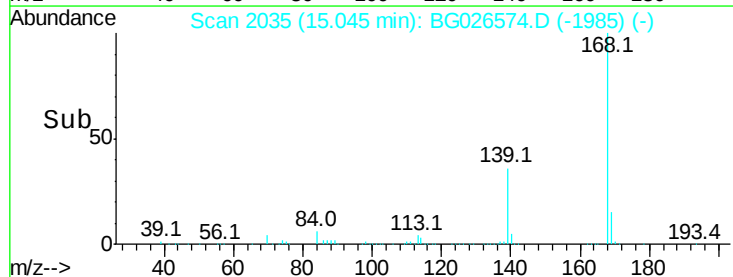
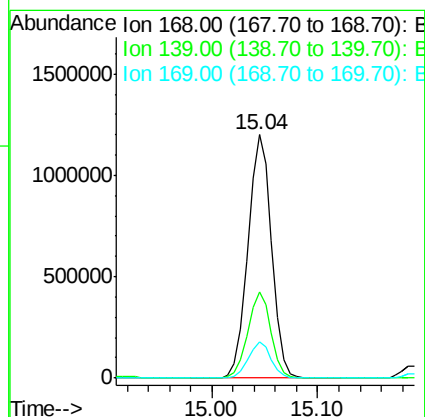
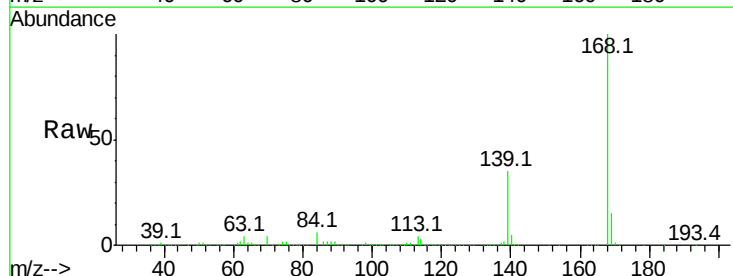
Instrument :
BNA_G
ClientSampleId :
PB98108BS

Tot Ion:184 Resp: 376064
Ion Ratio Lower Upper
184 100
63 43.7 52.7 79.1#
154 47.7 57.3 85.9#



#54
Dibenzofuran
Concen: 47.61 ng
RT: 15.04 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG026574.D
Acq: 6 Apr 2017 20:21

Tgt Ion:168 Resp: 1852720
Ion Ratio Lower Upper
168 100
139 35.4 35.3 52.9
169 14.7 11.5 17.3

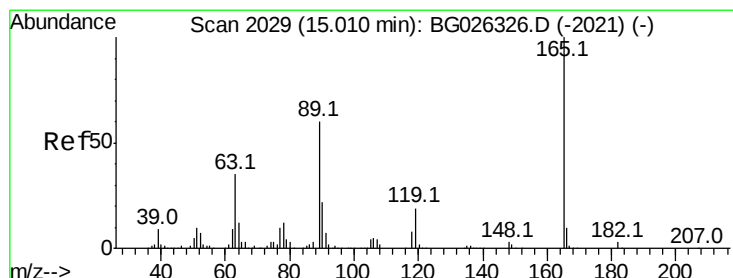
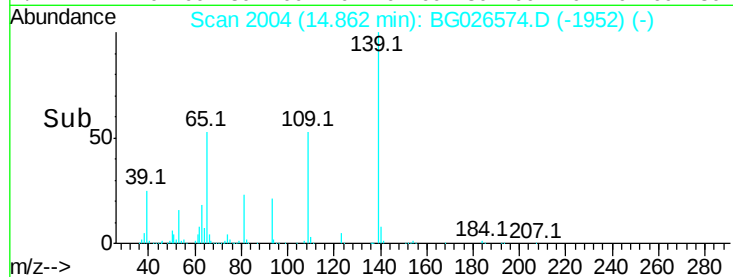
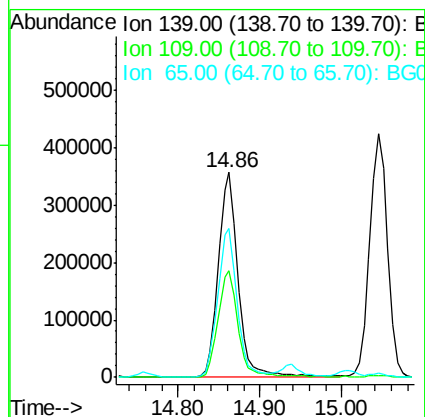
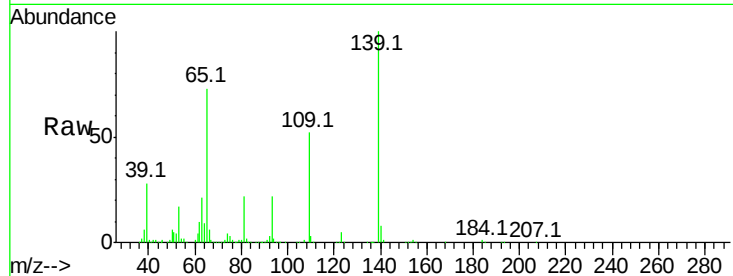




#55
4-Nitrophenol
Concen: 89.71 ng
RT: 14.86 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BG026574.D
Acq: 6 Apr 2017 20:21

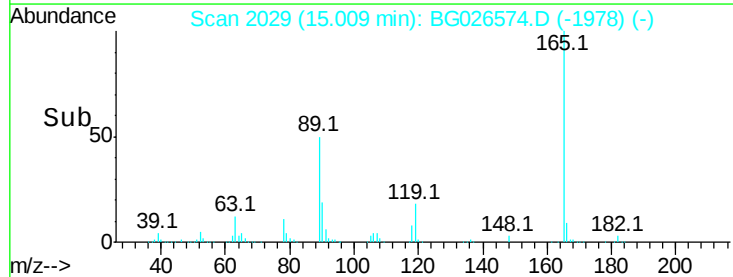
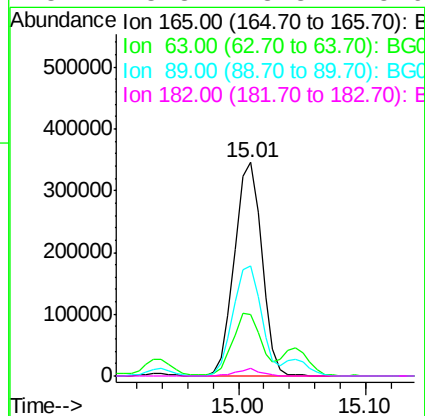
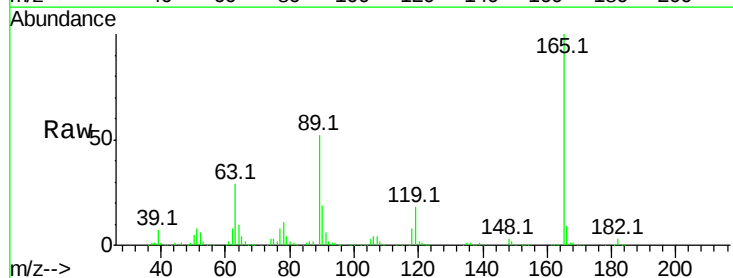
Instrument :
BNA_G
ClientSampleId :
PB98108BS

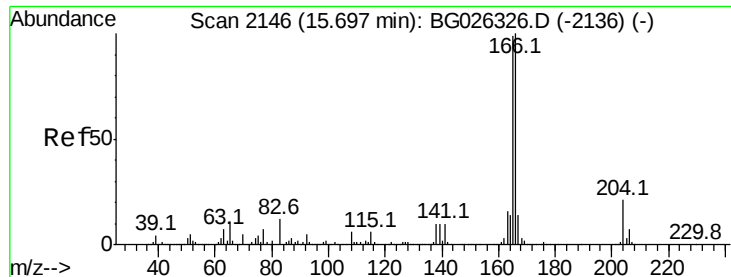
Tot Ion:139 Resp: 606532
Ion Ratio Lower Upper
139 100
109 52.1 101.2 141.2#
65 72.6 135.3 175.3#



#56
2,4-Dinitrotoluene
Concen: 48.95 ng
RT: 15.01 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG026574.D
Acq: 6 Apr 2017 20:21

Tgt Ion:165 Resp: 516306
Ion Ratio Lower Upper
165 100
63 28.6 44.0 66.0#
89 51.7 67.3 100.9#
182 3.3 3.8 5.6#

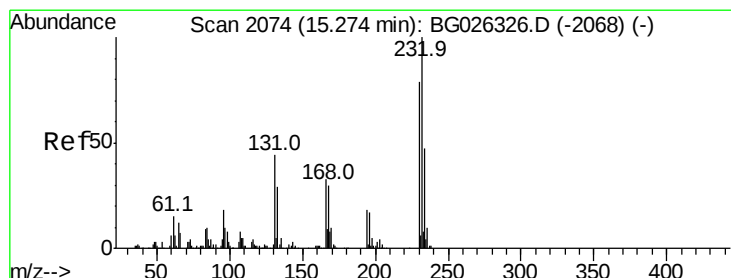
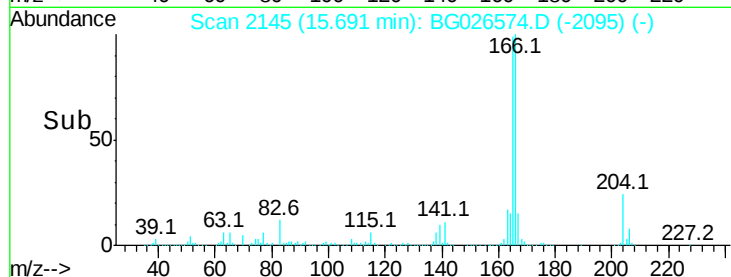
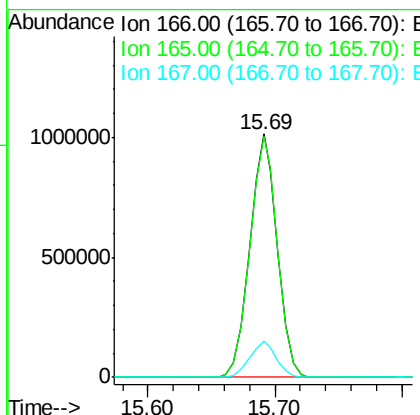
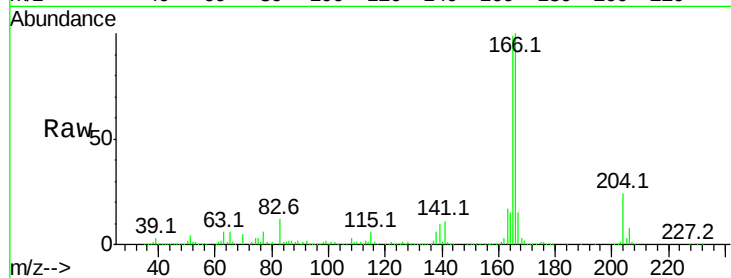




#57
Fluorene
 Concen: 43.59 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.01 min
 Lab File: BG026574.D
 Acq: 6 Apr 2017 20:21

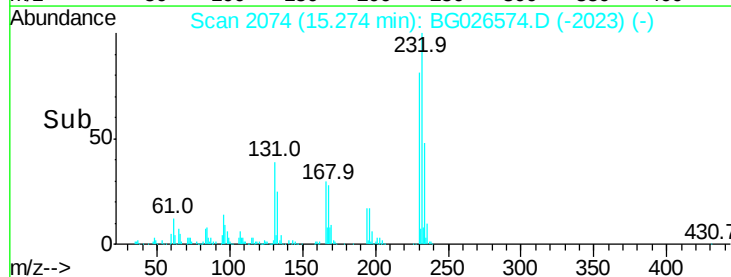
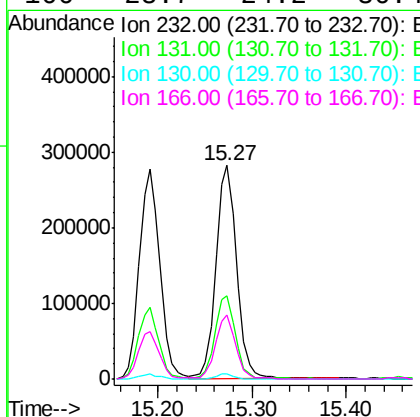
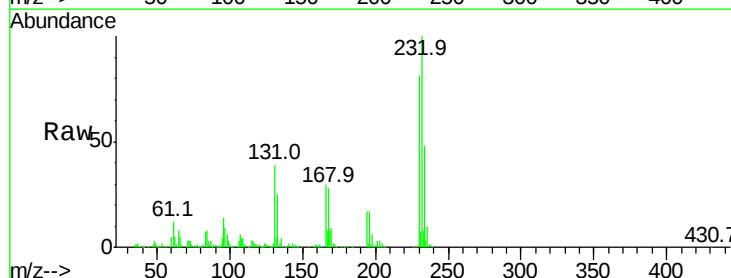
Instrument :
 BNA_G
 ClientSampleId :
 PB98108BS

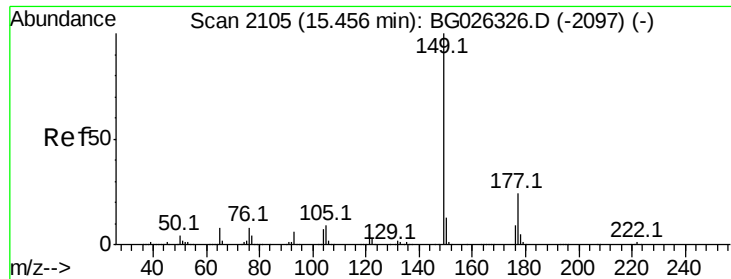
Tot Ion:166 Resp: 1509442
 Ion Ratio Lower Upper
 166 100
 165 98.9 78.6 117.8
 167 14.7 11.6 17.4



#58
2,3,4,6-Tetrachlorophenol
 Concen: 53.86 ng
 RT: 15.27 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG026574.D
 Acq: 6 Apr 2017 20:21

Tgt Ion:232 Resp: 435401
 Ion Ratio Lower Upper
 232 100
 131 38.5 34.9 52.3
 130 2.1 2.3 3.5#
 166 28.7 24.2 36.4





#59

Diethylphthalate

Concen: 45.30 ng

RT: 15.46 min Scan# 2105

Delta R.T. -0.00 min

Lab File: BG026574.D

Acq: 6 Apr 2017 20:21

Instrument :

BNA_G

ClientSampleId :

PB98108BS

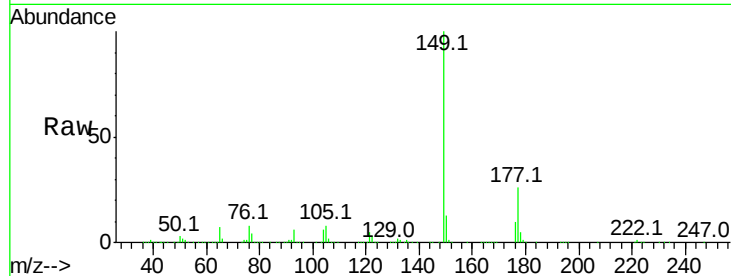
Tot Ion:149 Resp: 1487712

Ion Ratio Lower Upper

149 100

177 25.9 20.1 30.1

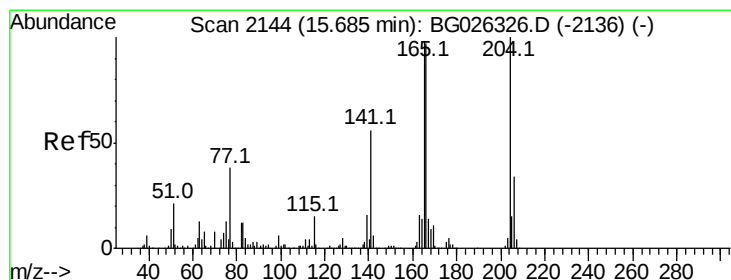
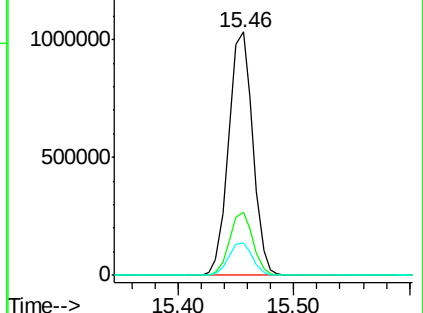
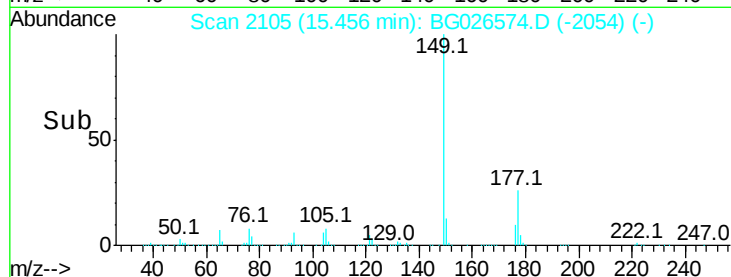
150 13.2 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 46.93 ng

RT: 15.68 min Scan# 2143

Delta R.T. -0.01 min

Lab File: BG026574.D

Acq: 6 Apr 2017 20:21

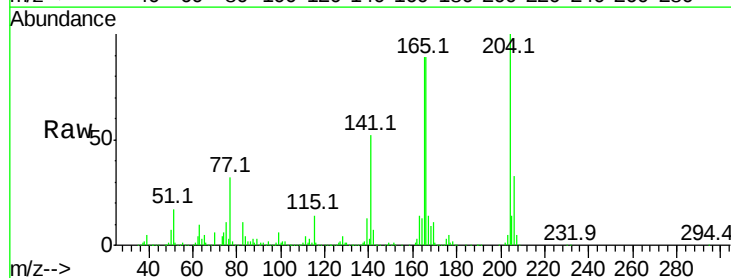
Tgt Ion:204 Resp: 770103

Ion Ratio Lower Upper

204 100

206 33.4 30.1 45.1

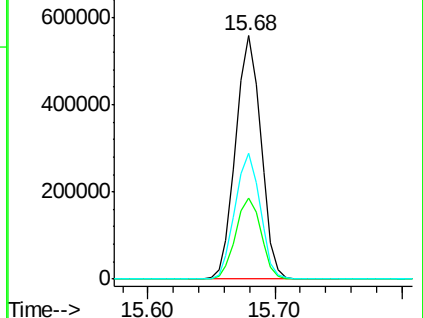
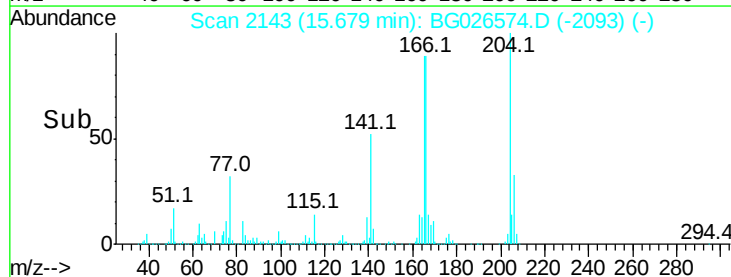
141 51.8 50.6 76.0

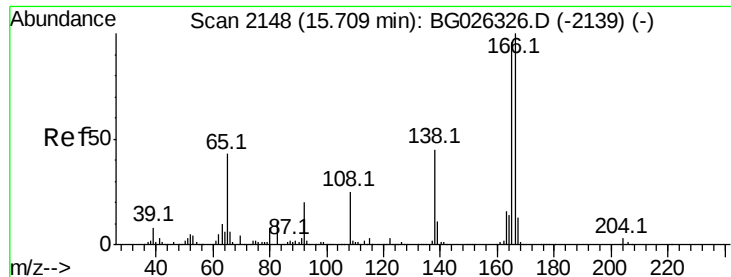


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 44.43 ng

RT: 15.71 min Scan# 2148

Delta R.T. -0.00 min

Lab File: BG026574.D

Acq: 6 Apr 2017 20:21

Instrument :

BNA_G

ClientSampleId :

PB98108BS

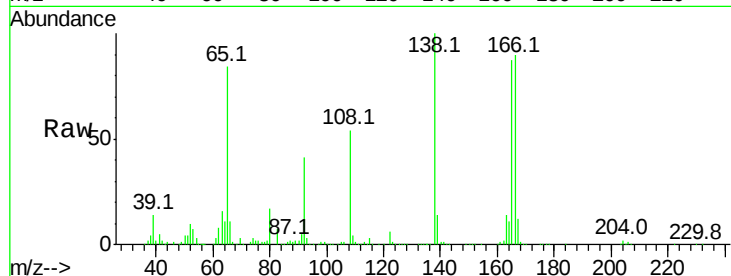
Tot Ion:138 Resp: 388084

Ion Ratio Lower Upper

138 100

92 40.8 44.2 84.2#

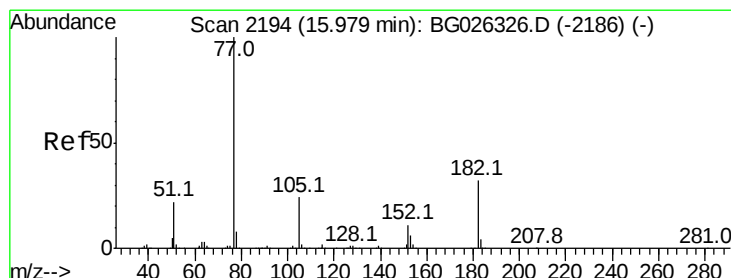
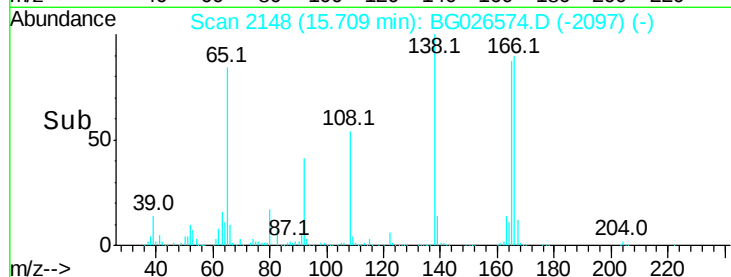
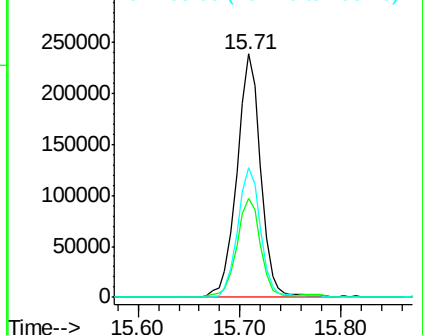
108 53.5 104.8 144.8#



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: 44.08 ng

RT: 15.97 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG026574.D

Acq: 6 Apr 2017 20:21

Tgt Ion: 77 Resp: 1176896

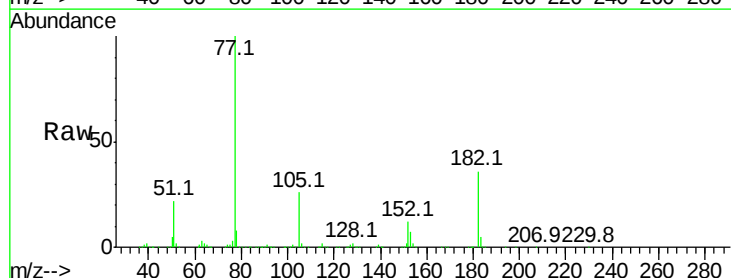
Ion Ratio Lower Upper

77 100

182 36.3 4.7 44.7

105 26.0 0.0 36.3

51 21.8 16.4 56.4

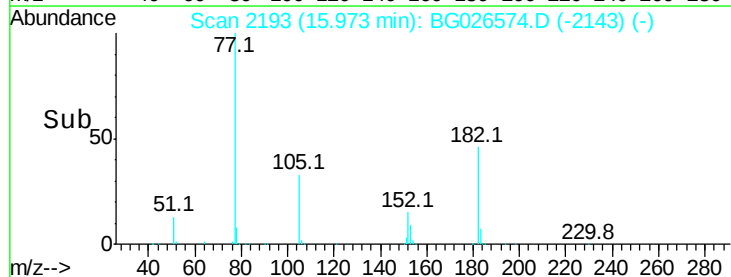
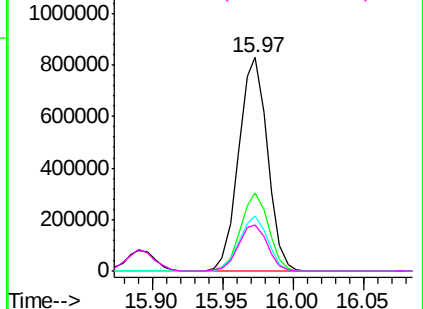


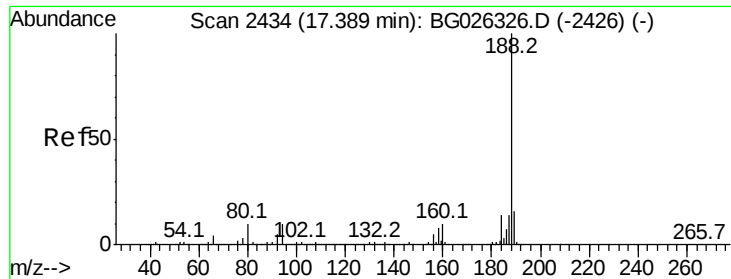
Abundance Ion 77.00 (76.70 to 77.70): BGC

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

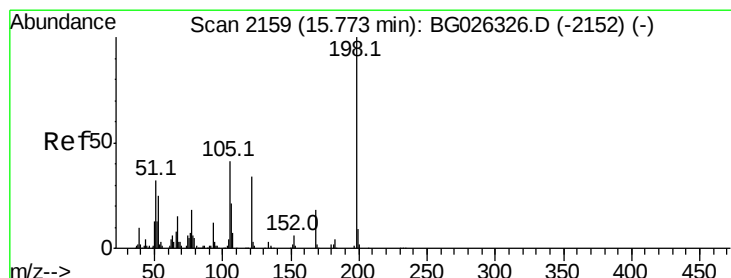
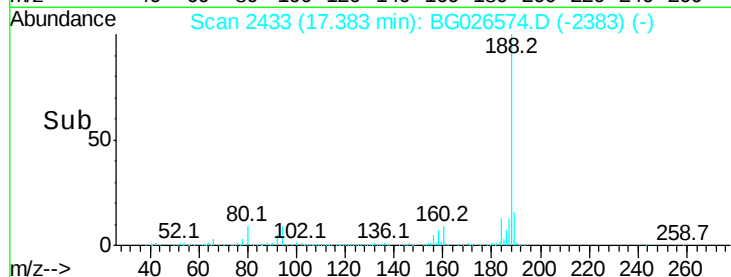
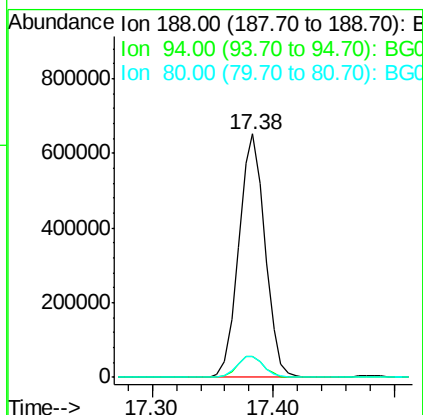
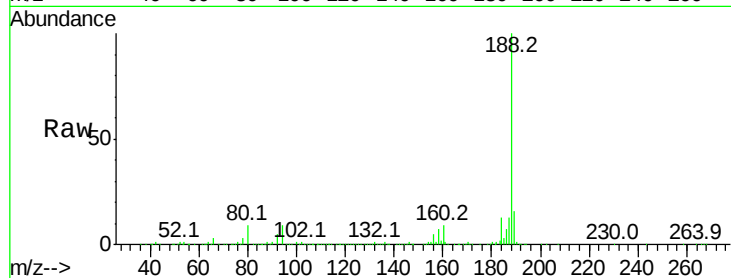




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG026574.D
Acq: 6 Apr 2017 20:21

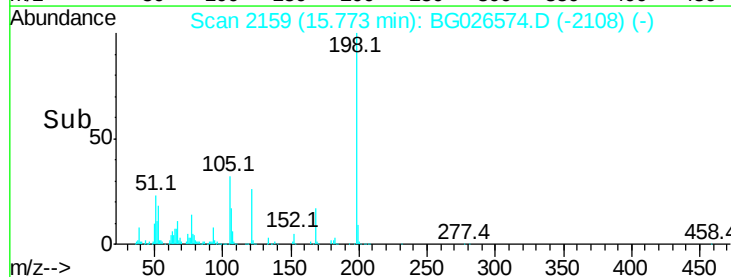
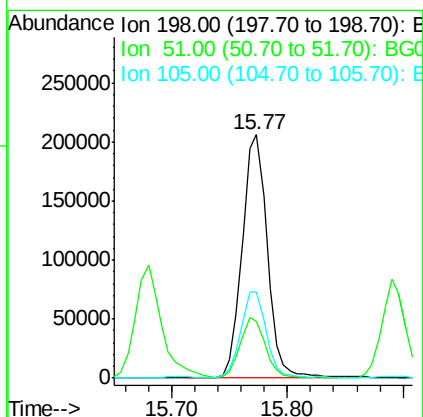
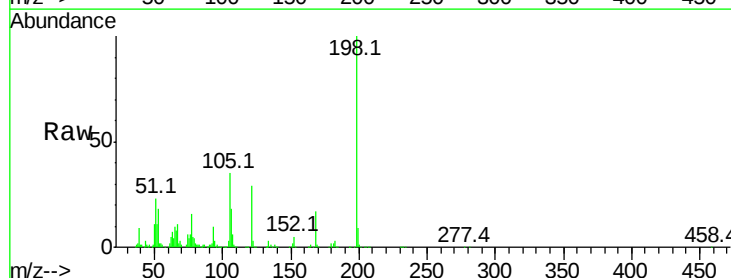
Instrument :
BNA_G
ClientSampleId :
PB98108BS

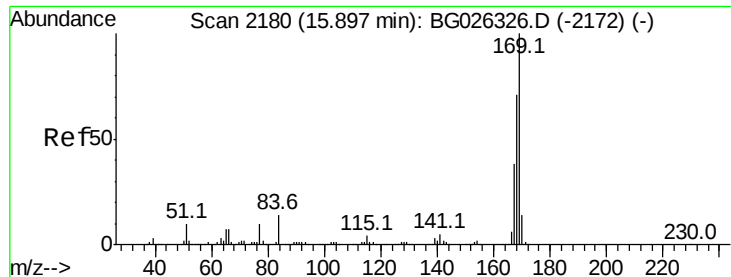
Tot Ion:188 Resp: 985688
Ion Ratio Lower Upper
188 100
94 8.5 5.8 8.8
80 8.7 7.5 11.3



#64
4,6-Dinitro-2-methylphenol
Concen: 50.14 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG026574.D
Acq: 6 Apr 2017 20:21

Tgt Ion:198 Resp: 311588
Ion Ratio Lower Upper
198 100
51 23.3 22.6 62.6
105 35.4 14.4 54.4





#65

n-Nitrosodiphenylamine

Concen: 47.31 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BG026574.D

Acq: 6 Apr 2017 20:21

Instrument :

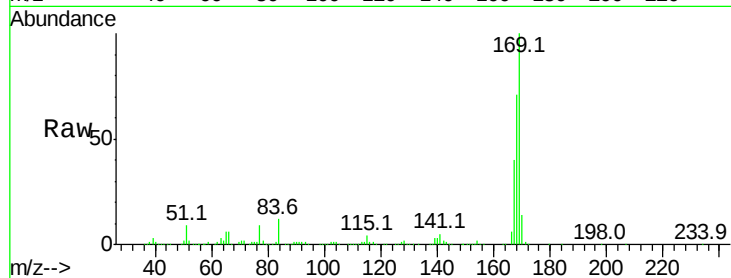
BNA_G

ClientSampleId :

PB98108BS

Tot Ion:169 Resp: 1368708

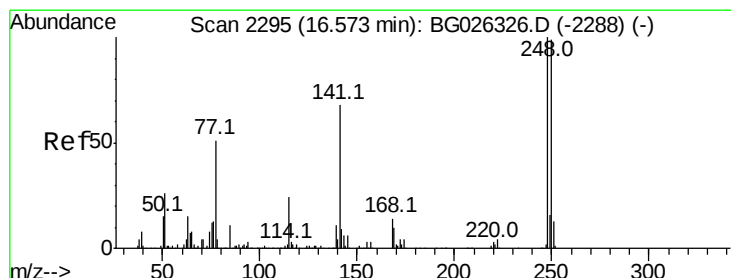
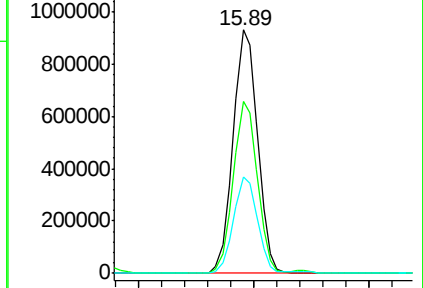
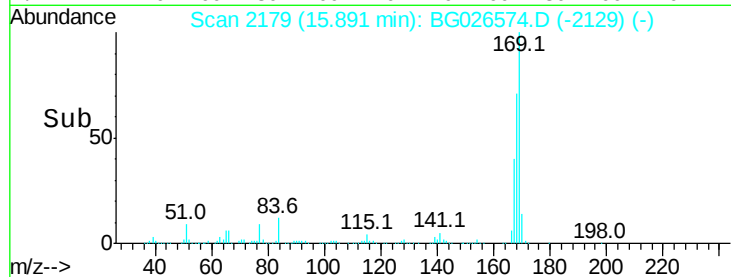
Ion	Ratio	Lower	Upper
169	100		
168	70.7	55.7	83.5
167	39.7	29.8	44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 51.23 ng

RT: 16.57 min Scan# 2295

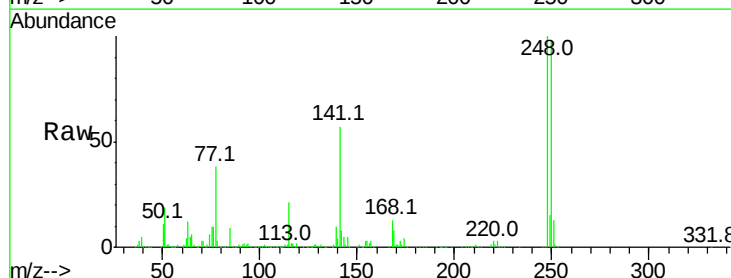
Delta R.T. -0.00 min

Lab File: BG026574.D

Acq: 6 Apr 2017 20:21

Tgt Ion:248 Resp: 519710

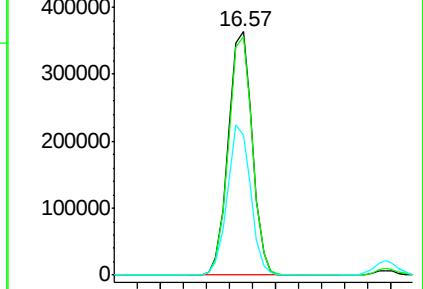
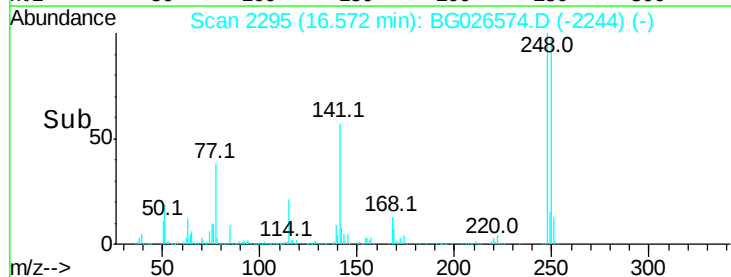
Ion	Ratio	Lower	Upper
248	100		
250	97.9	75.0	112.6
141	57.4	55.2	82.8

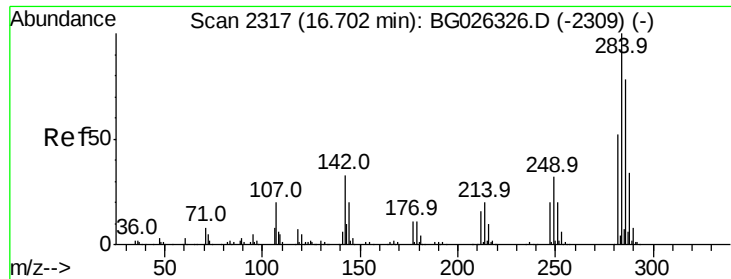


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

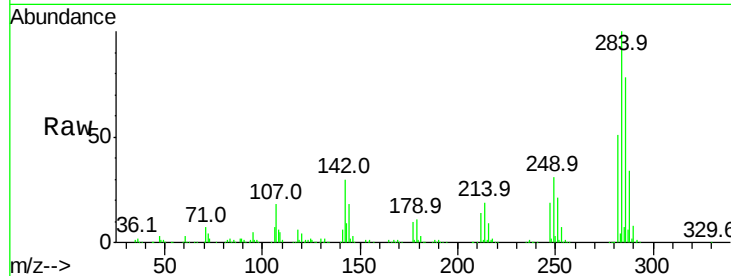




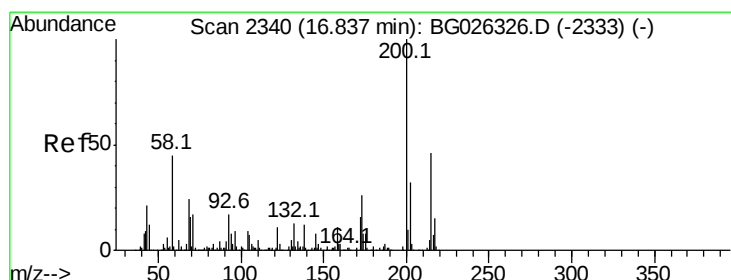
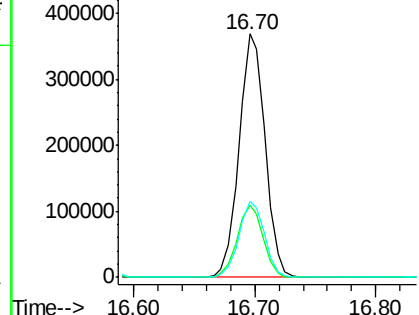
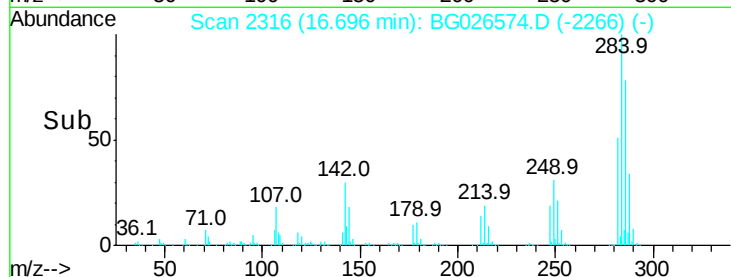
#67
Hexachlorobenzene
Concen: 51.03 ng
RT: 16.70 min Scan# 2316
Delta R.T. -0.01 min
Lab File: BG026574.D
Acq: 6 Apr 2017 20:21

Instrument :
BNA_G
ClientSampleId :
PB98108BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	29.8	29.9	44.9#
249	31.3	29.2	43.8

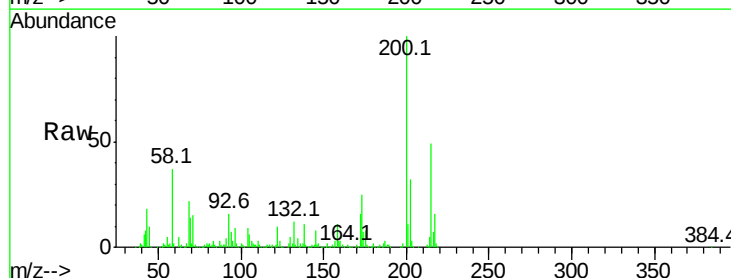


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

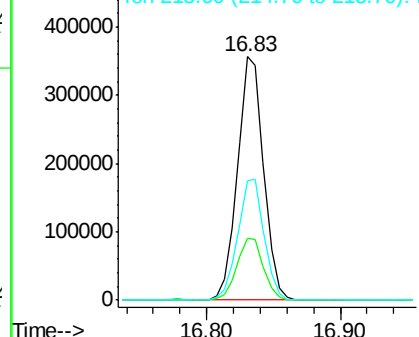
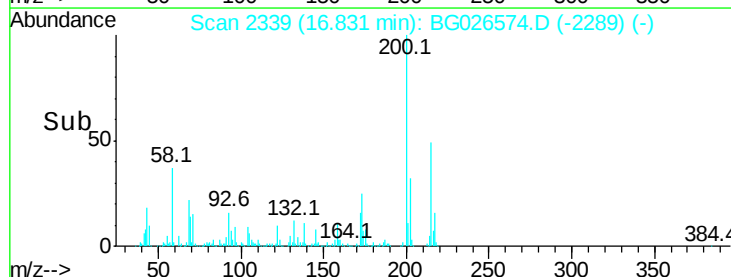


#68
Atrazine
Concen: 44.32 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BG026574.D
Acq: 6 Apr 2017 20:21

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.5	3.0	43.0
215	49.0	28.4	68.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

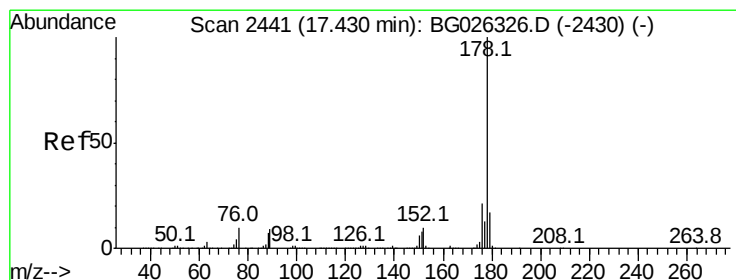
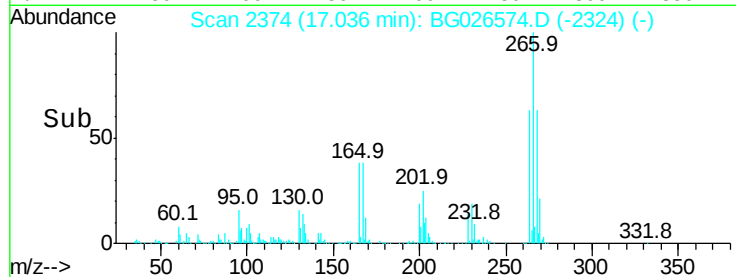
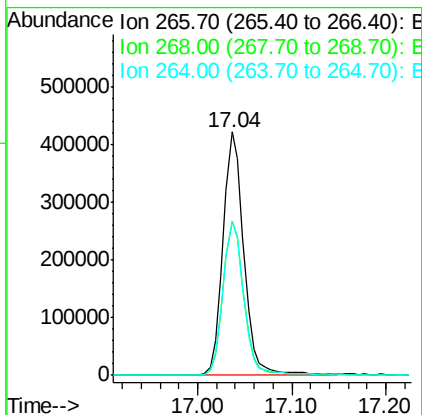
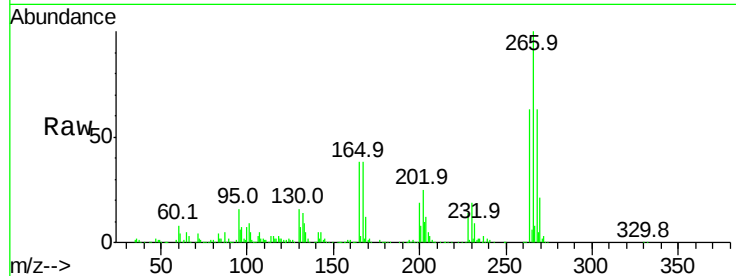




#69
 Pentachlorophenol
 Concen: 93.22 ng
 RT: 17.04 min Scan# 2374
 Delta R.T. -0.01 min
 Lab File: BG026574.D
 Acq: 6 Apr 2017 20:21

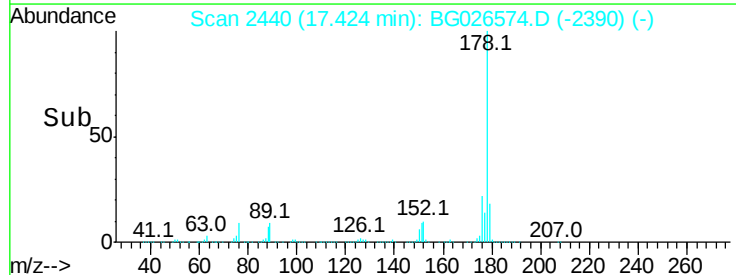
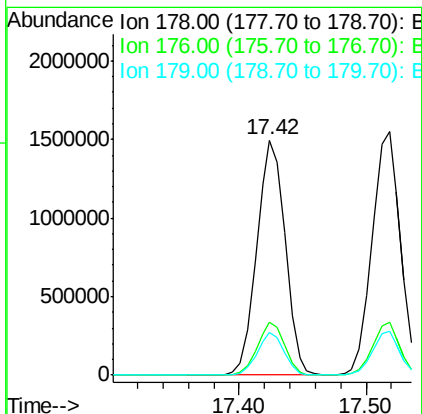
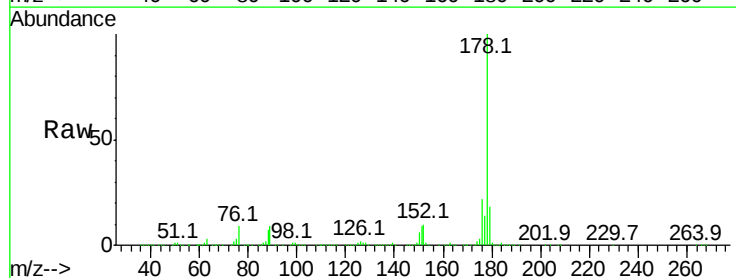
Instrument :
 BNA_G
 ClientSampled :
 PB98108BS

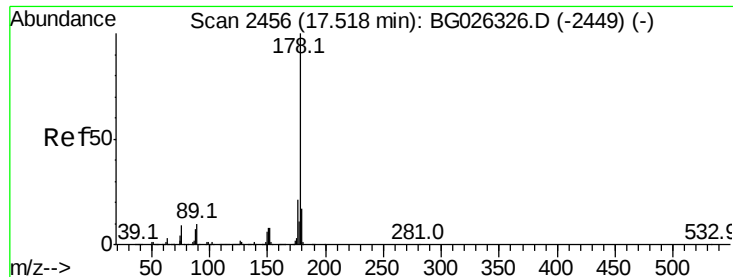
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.1	48.6	72.8
264	63.2	50.1	75.1



#70
 Phenanthrene
 Concen: 44.04 ng
 RT: 17.42 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BG026574.D
 Acq: 6 Apr 2017 20:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.3	17.7	26.5
179	17.9	15.0	22.6

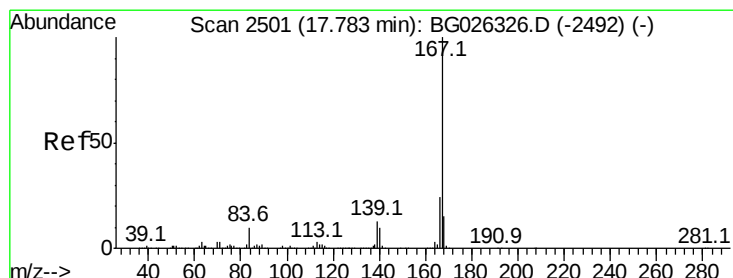
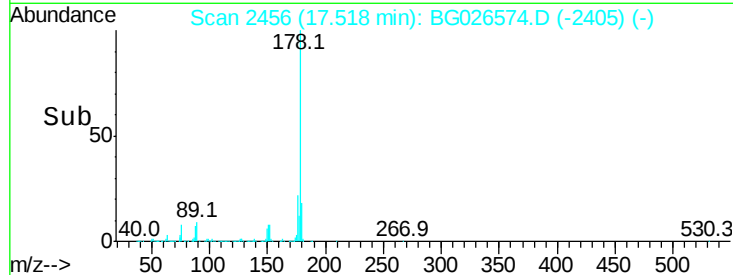
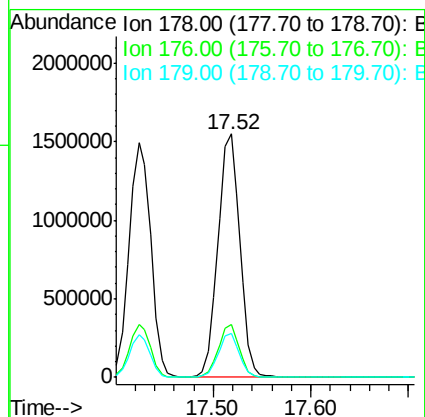
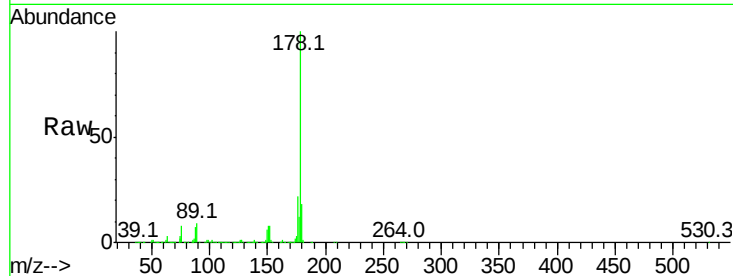




#71
 Anthracene
 Concen: 44.66 ng
 RT: 17.52 min Scan# 2456
 Delta R.T. -0.00 min
 Lab File: BG026574.D
 Acq: 6 Apr 2017 20:21

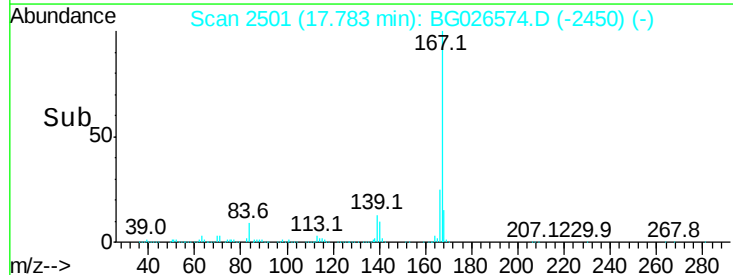
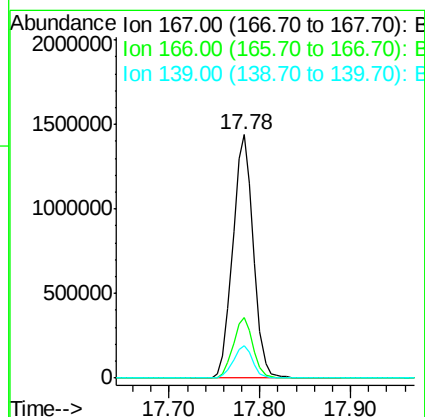
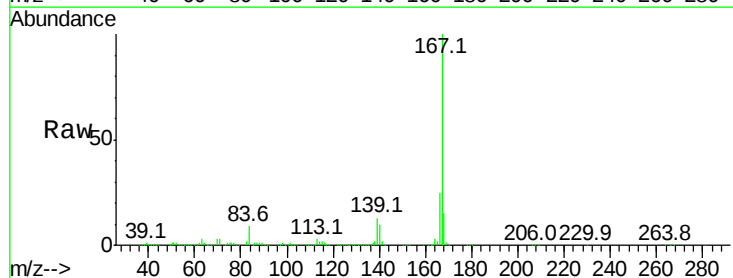
Instrument :
 BNA_G
 ClientSampleId :
 PB98108BS

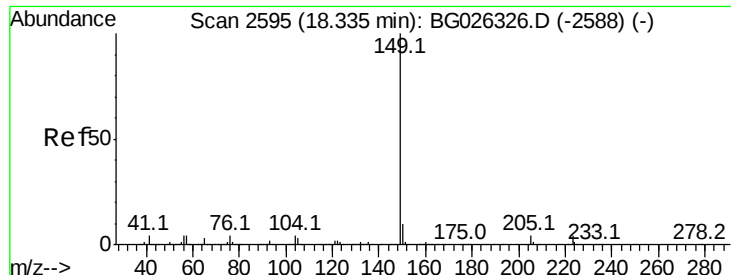
Tot Ion:178 Resp: 2412086
 Ion Ratio Lower Upper
 178 100
 176 21.8 16.4 24.6
 179 17.9 13.8 20.8



#72
 Carbazole
 Concen: 40.86 ng
 RT: 17.78 min Scan# 2501
 Delta R.T. -0.00 min
 Lab File: BG026574.D
 Acq: 6 Apr 2017 20:21

Tgt Ion:167 Resp: 2271758
 Ion Ratio Lower Upper
 167 100
 166 25.1 20.2 30.2
 139 13.1 12.8 19.2

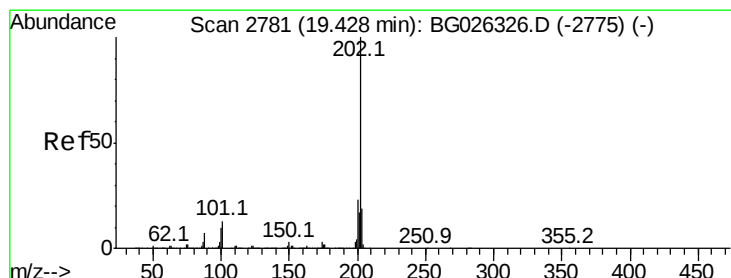
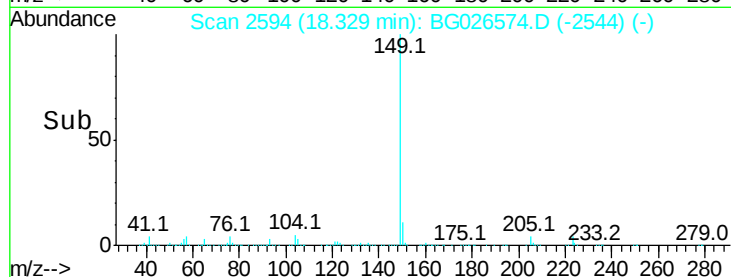
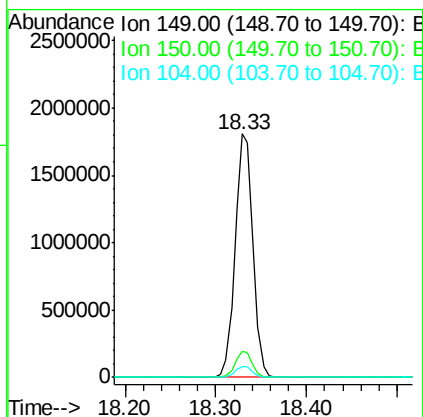
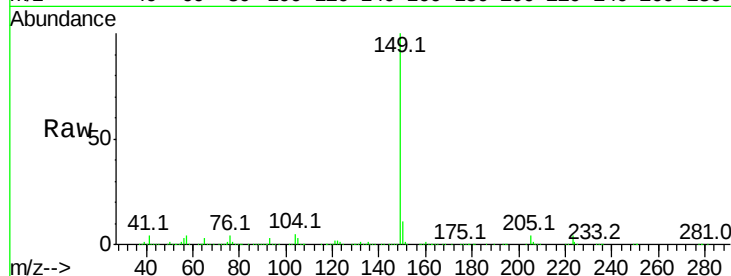




#73
Di-n-butylphthalate
Concen: 43.39 ng
RT: 18.33 min Scan# 2594
Delta R.T. -0.01 min
Lab File: BG026574.D
Acq: 6 Apr 2017 20:21

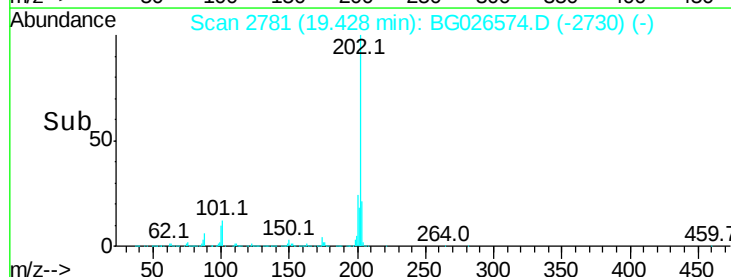
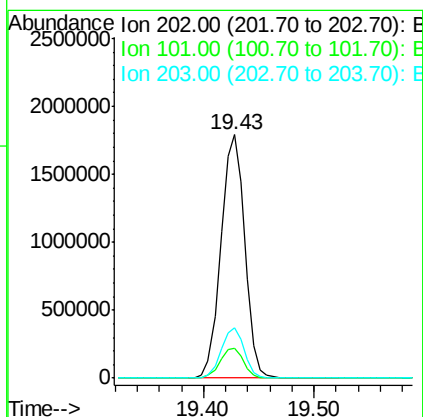
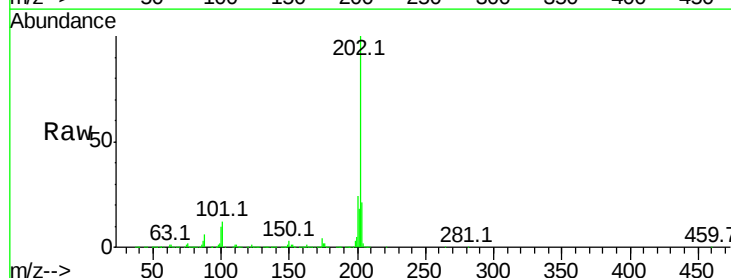
Instrument :
BNA_G
ClientSampleId :
PB98108BS

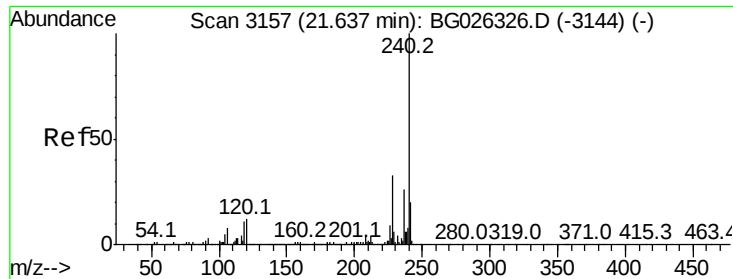
Tot Ion:149 Resp: 2478621
Ion Ratio Lower Upper
149 100
150 10.8 9.1 13.7
104 4.6 6.7 10.1#



#74
Fluoranthene
Concen: 43.21 ng
RT: 19.43 min Scan# 2781
Delta R.T. -0.00 min
Lab File: BG026574.D
Acq: 6 Apr 2017 20:21

Tgt Ion:202 Resp: 2689732
Ion Ratio Lower Upper
202 100
101 12.4 0.0 30.1
203 20.9 1.3 41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG026574.D

Acq: 6 Apr 2017 20:21

Instrument :

BNA_G

ClientSampleId :

PB98108BS

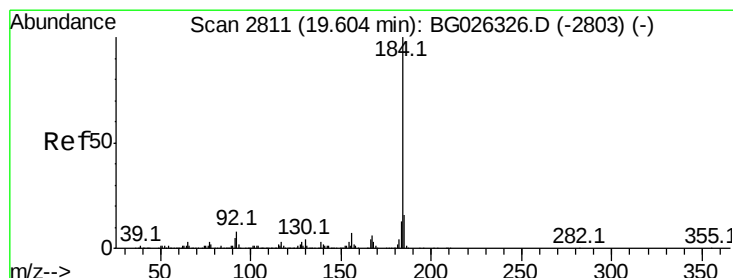
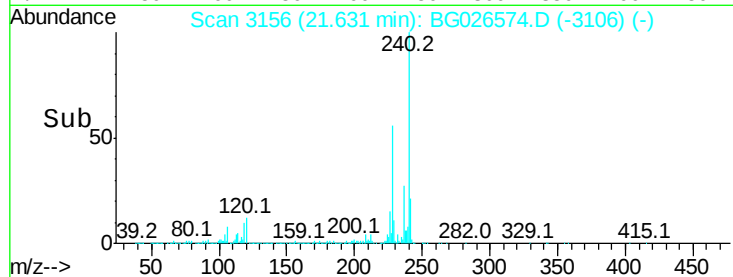
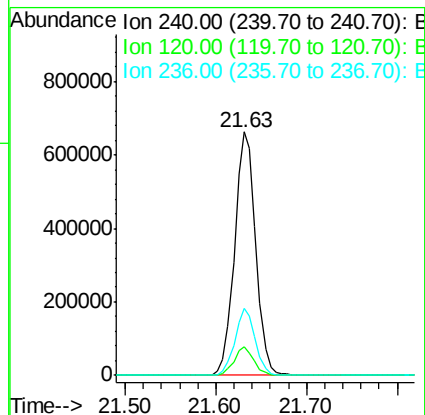
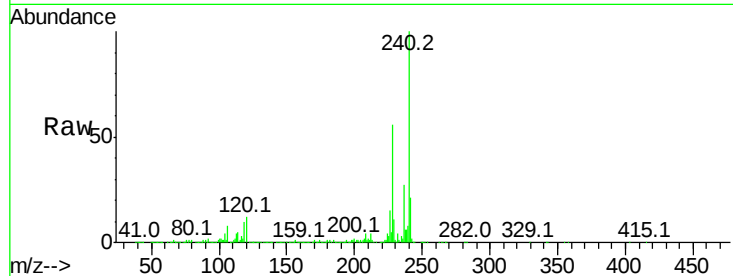
Tot Ion:240 Resp: 1075861

Ion Ratio Lower Upper

240 100

120 11.7 5.7 8.5#

236 27.4 22.2 33.4



#76

Benzidine

Concen: 24.85 ng

RT: 19.60 min Scan# 2810

Delta R.T. -0.01 min

Lab File: BG026574.D

Acq: 6 Apr 2017 20:21

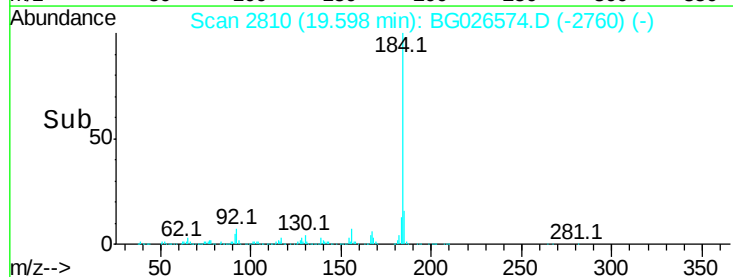
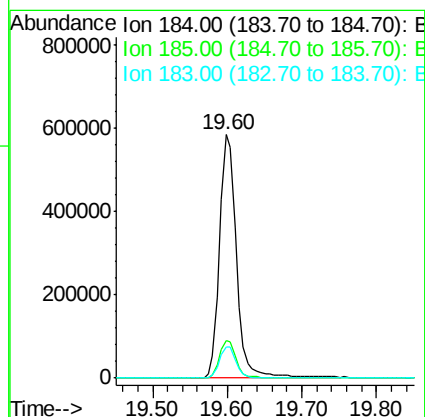
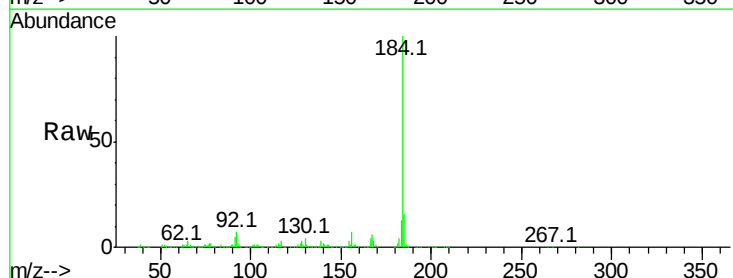
Tgt Ion:184 Resp: 921943

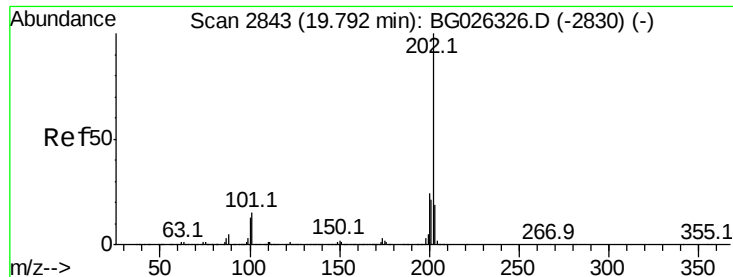
Ion Ratio Lower Upper

184 100

185 15.6 13.0 19.6

183 12.9 11.0 16.6





#77

Pvrene

Concen: 43.87 ng

RT: 19.79 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BG026574.D

Acq: 6 Apr 2017 20:21

Instrument :

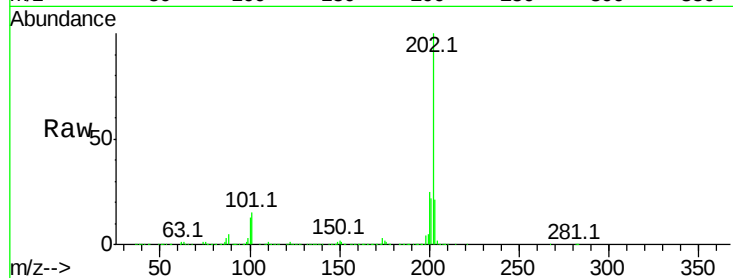
BNA_G

ClientSampleId :

PB98108BS

Tot Ion:202 Resp: 2732920

Ion	Ratio	Lower	Upper
202	100		
200	25.3	19.6	29.4
203	20.6	15.8	23.8

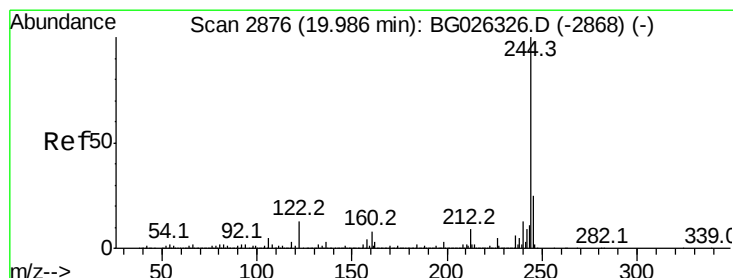
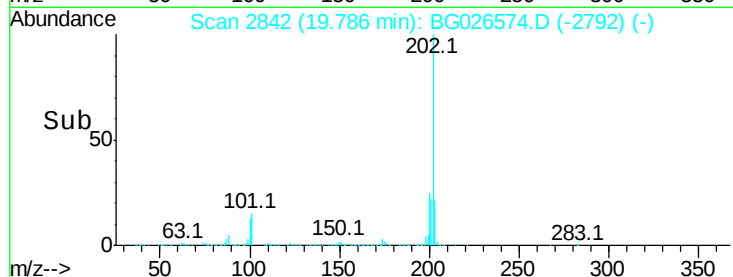
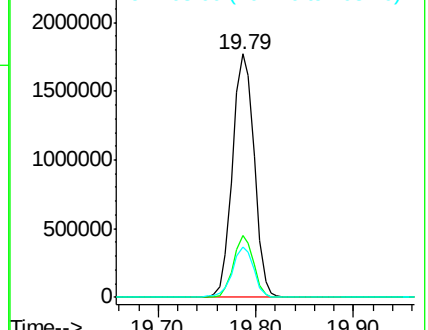


Abundance

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



#78

Terphenyl-d14

Concen: 76.25 ng

RT: 19.98 min Scan# 2875

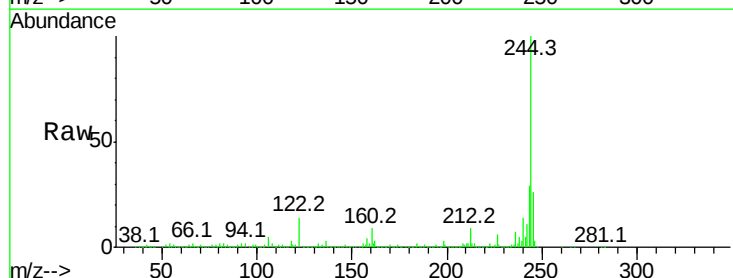
Delta R.T. -0.01 min

Lab File: BG026574.D

Acq: 6 Apr 2017 20:21

Tgt Ion:244 Resp: 3377887

Ion	Ratio	Lower	Upper
244	100		
212	9.4	10.0	15.0#
122	14.3	8.6	12.8#

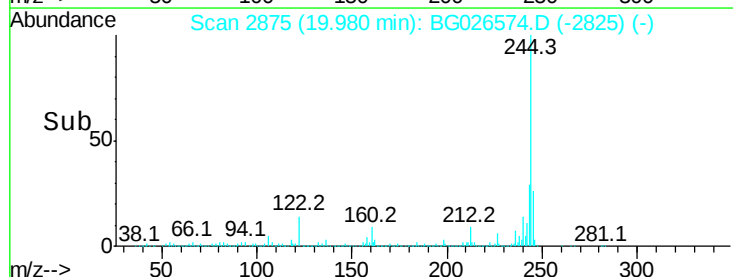
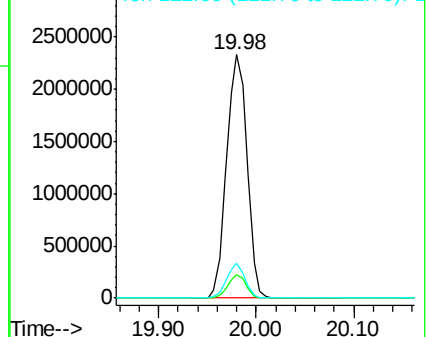


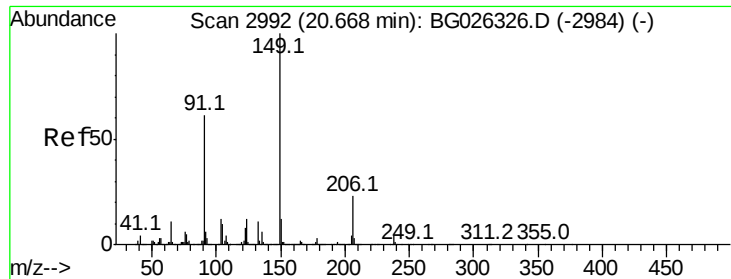
Abundance

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

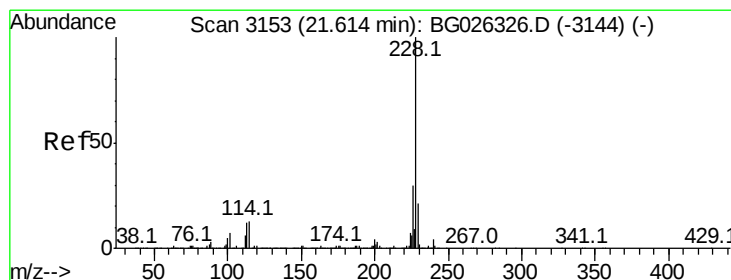
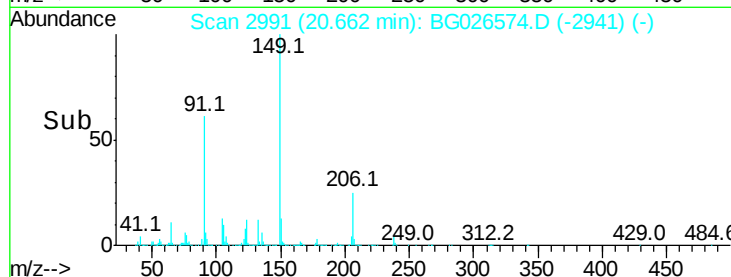
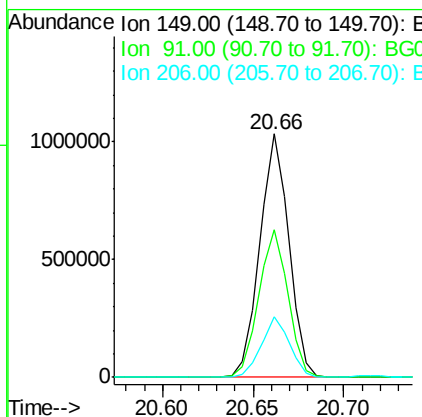
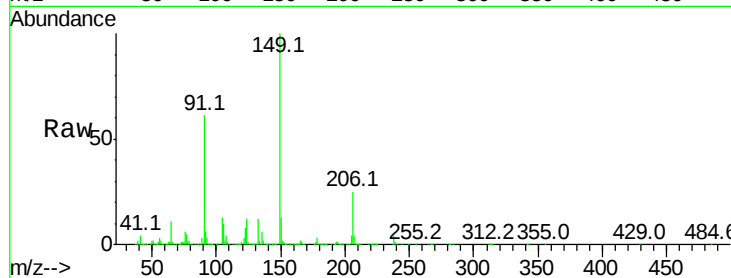




#79
Butylbenzylphthalate
Concen: 46.25 ng
RT: 20.66 min Scan# 2991
Delta R.T. -0.01 min
Lab File: BG026574.D
Acq: 6 Apr 2017 20:21

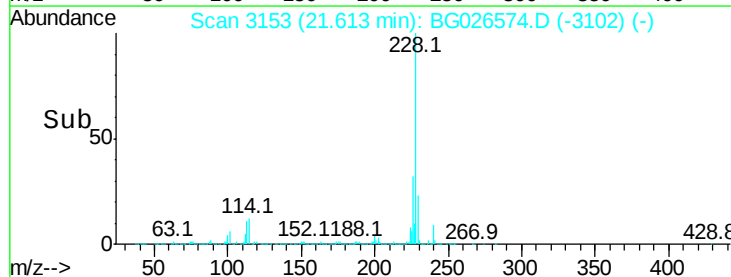
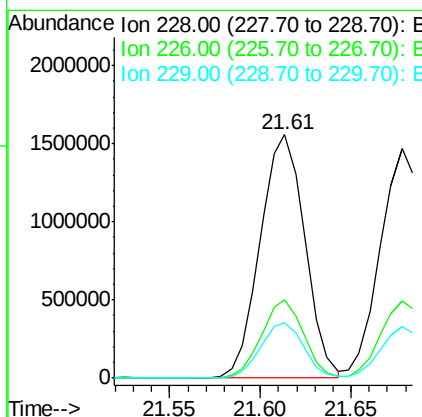
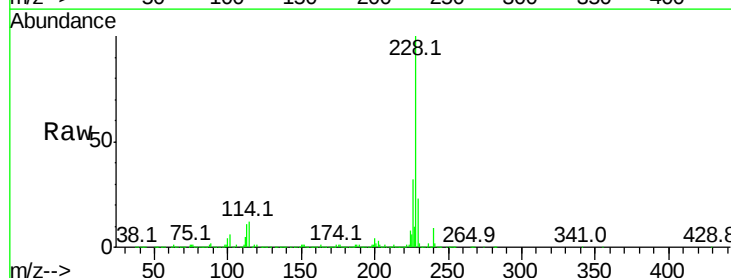
Instrument :
BNA_G
ClientSampleId :
PB98108BS

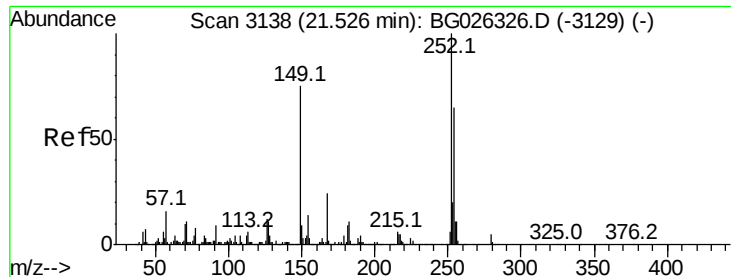
Tot Ion:149 Resp: 1152685
Ion Ratio Lower Upper
149 100
91 60.6 63.5 95.3#
206 24.8 21.0 31.6



#80
Benzo(a)anthracene
Concen: 44.04 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG026574.D
Acq: 6 Apr 2017 20:21

Tgt Ion:228 Resp: 2666078
Ion Ratio Lower Upper
228 100
226 32.0 24.9 37.3
229 22.6 18.2 27.2

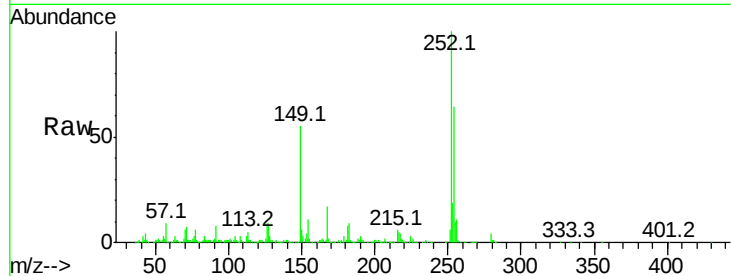




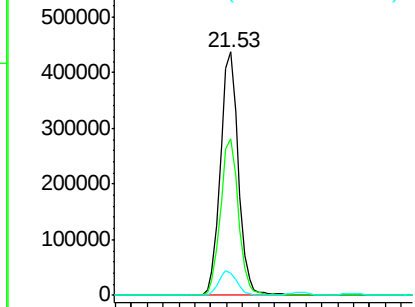
#81
 3,3'-Dichlorobenzidine
 Concen: 27.74 ng
 RT: 21.53 min Scan# 3138
 Delta R.T. -0.00 min
 Lab File: BG026574.D
 Acq: 6 Apr 2017 20:21

Instrument :
 BNA_G
 ClientSampleId :
 PB98108BS

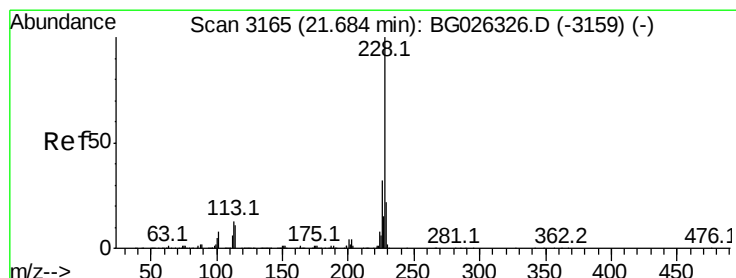
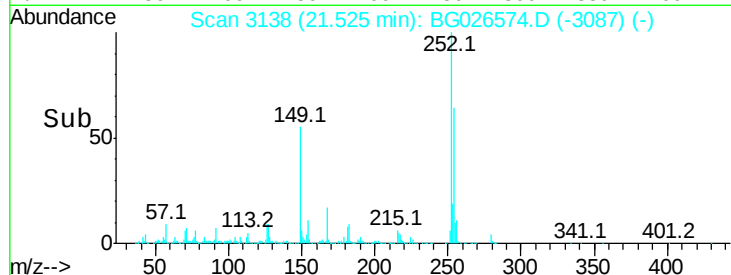
Tot Ion:252 Resp: 687654
 Ion Ratio Lower Upper
 252 100
 254 64.2 53.1 79.7
 126 9.4 7.0 10.4



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

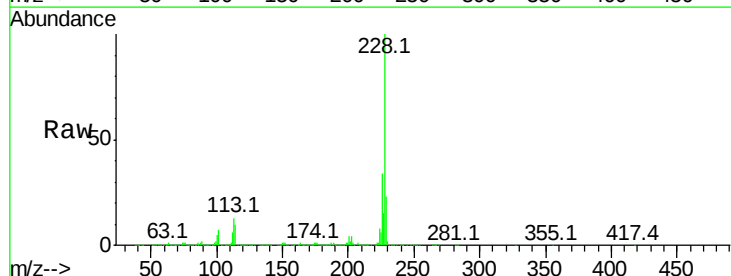


Time--> 21.40 21.50 21.60 21.70

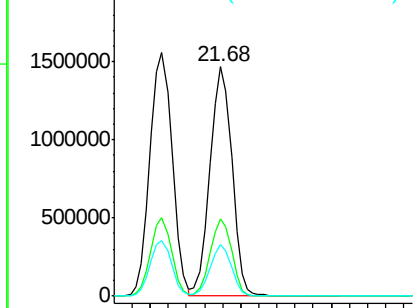


#82
 Chrysene
 Concen: 42.91 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.01 min
 Lab File: BG026574.D
 Acq: 6 Apr 2017 20:21

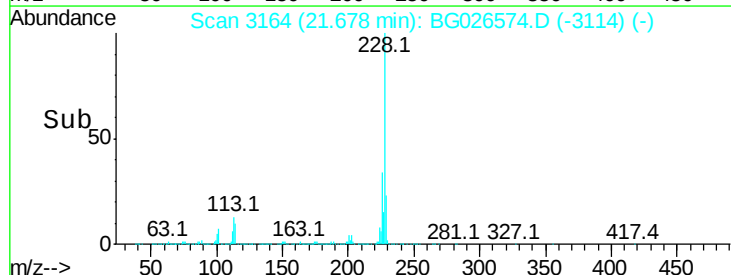
Tgt Ion:228 Resp: 2482109
 Ion Ratio Lower Upper
 228 100
 226 33.7 27.0 40.4
 229 22.6 17.8 26.6

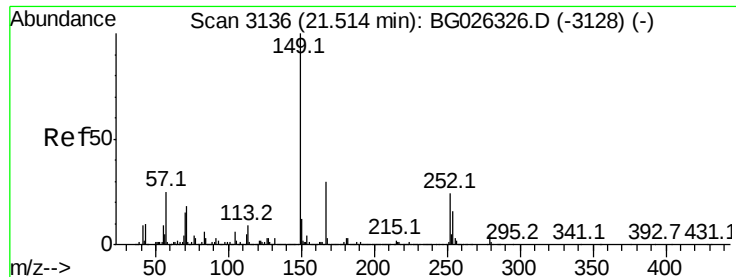


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E



Time--> 21.60 21.70 21.80





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.51 ng

RT: 21.51 min Scan# 3135

Delta R.T. -0.01 min

Lab File: BG026574.D

Acq: 6 Apr 2017 20:21

Instrument :

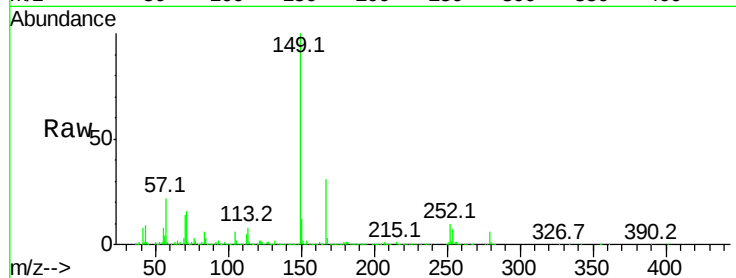
BNA_G

ClientSampleId :

PB98108BS

Tot Ion:149 Resp: 1638011

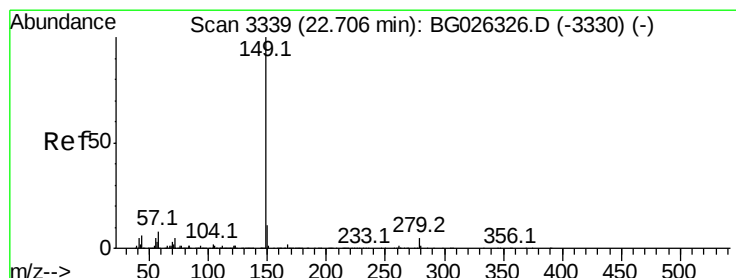
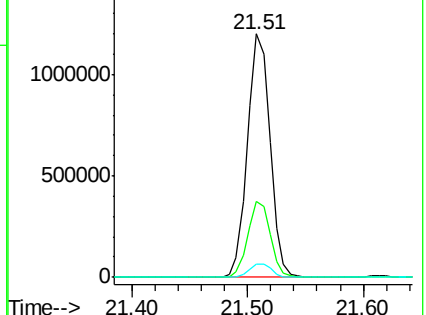
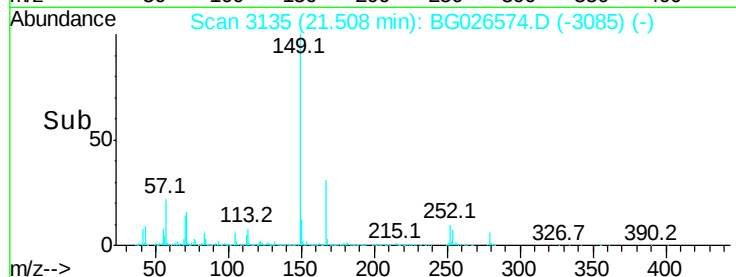
Ion	Ratio	Lower	Upper
149	100		
167	31.5	23.7	35.5
279	5.6	4.6	6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.42 ng

RT: 22.70 min Scan# 3338

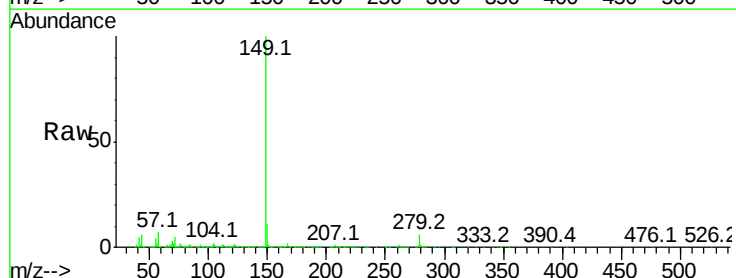
Delta R.T. -0.01 min

Lab File: BG026574.D

Acq: 6 Apr 2017 20:21

Tgt Ion:149 Resp: 2789445

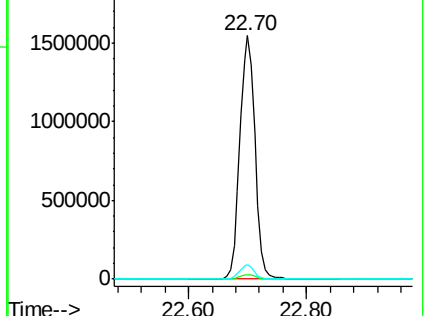
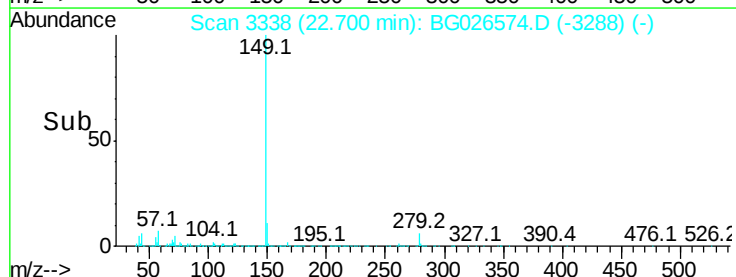
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	5.7	11.8	17.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

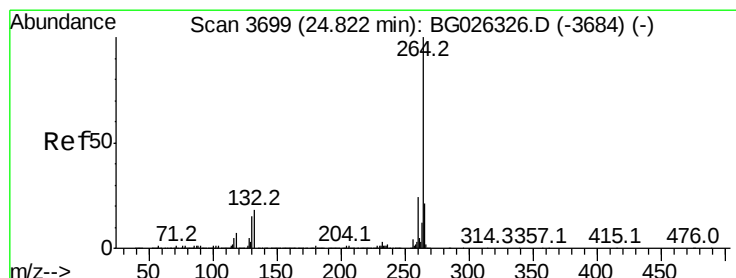
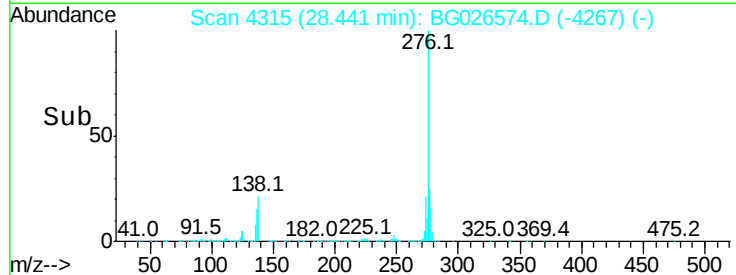
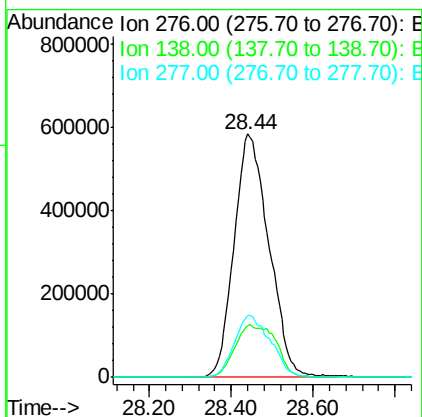
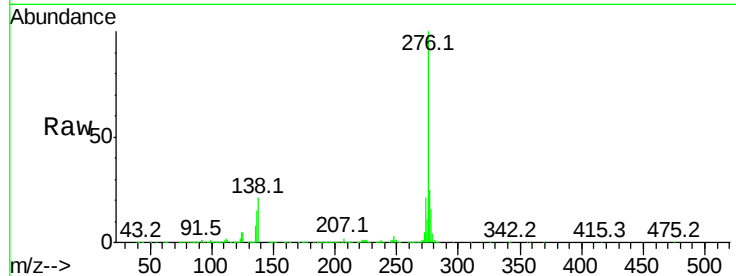




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.45 ng
 RT: 28.44 min Scan# 4315
 Delta R.T. -0.02 min
 Lab File: BG026574.D
 Acq: 6 Apr 2017 20:21

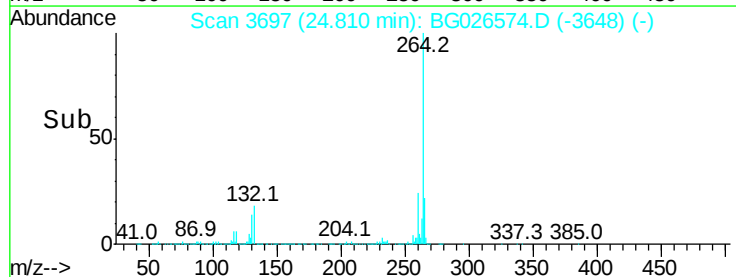
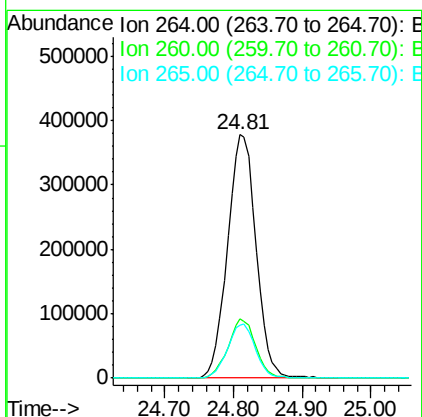
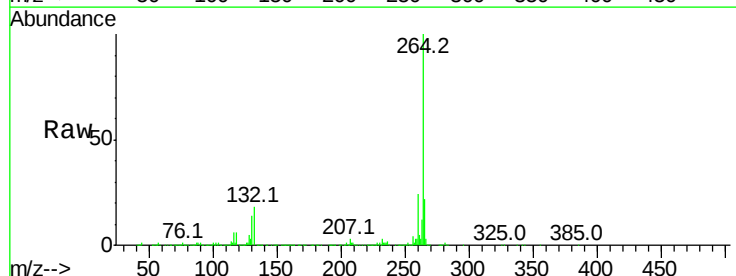
Instrument :
 BNA_G
 ClientSampleId :
 PB98108BS

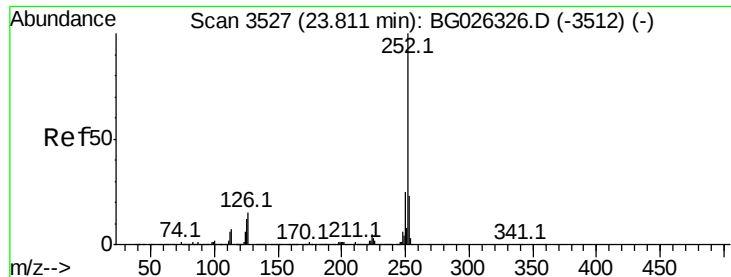
Tot Ion:276 Resp: 3460063
 Ion Ratio Lower Upper
 276 100
 138 25.4 4.7 7.1#
 277 26.5 20.6 31.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.81 min Scan# 3697
 Delta R.T. -0.01 min
 Lab File: BG026574.D
 Acq: 6 Apr 2017 20:21

Tgt Ion:264 Resp: 1087316
 Ion Ratio Lower Upper
 264 100
 260 24.4 21.8 32.8
 265 21.7 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 45.80 ng

RT: 23.80 min Scan# 3526

Delta R.T. -0.01 min

Lab File: BG026574.D

Acq: 6 Apr 2017 20:21

Instrument :

BNA_G

ClientSampleId :

PB98108BS

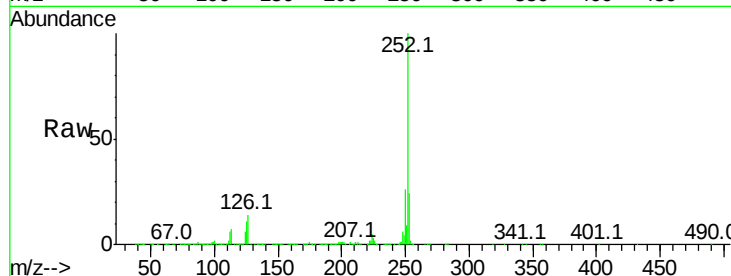
Tot Ion:252 Resp: 2935449

Ion Ratio Lower Upper

252 100

253 24.0 18.7 28.1

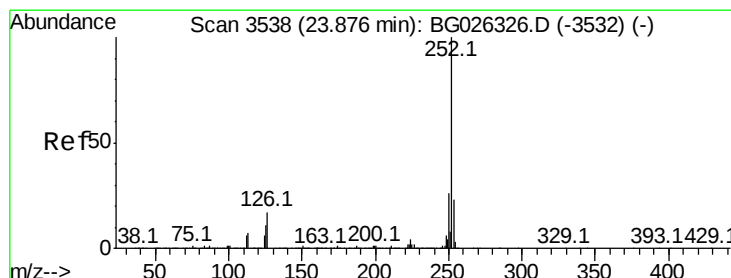
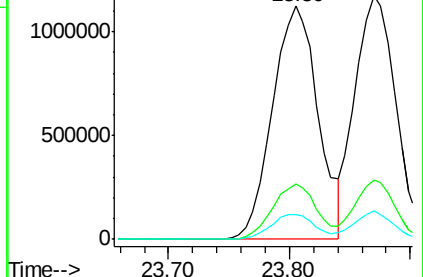
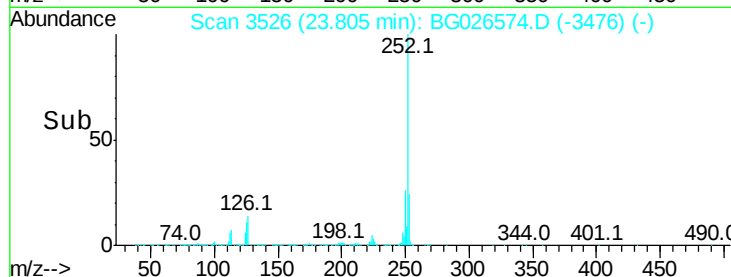
125 10.8 5.3 7.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.47 ng

RT: 23.87 min Scan# 3537

Delta R.T. -0.01 min

Lab File: BG026574.D

Acq: 6 Apr 2017 20:21

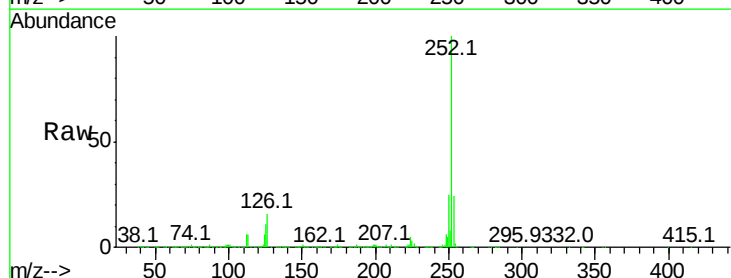
Tgt Ion:252 Resp: 2763958

Ion Ratio Lower Upper

252 100

253 24.3 20.2 30.2

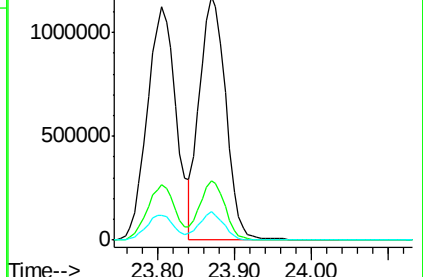
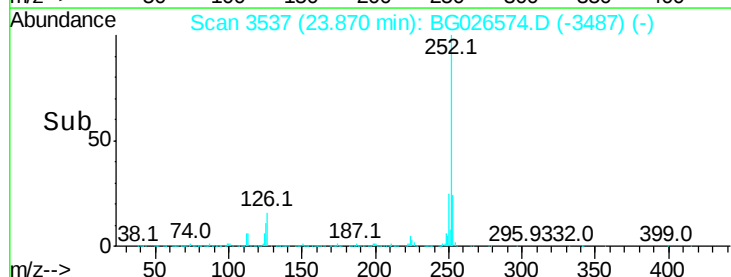
125 11.5 5.1 7.7#

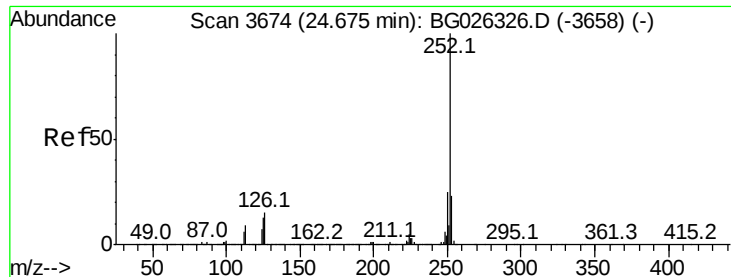


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

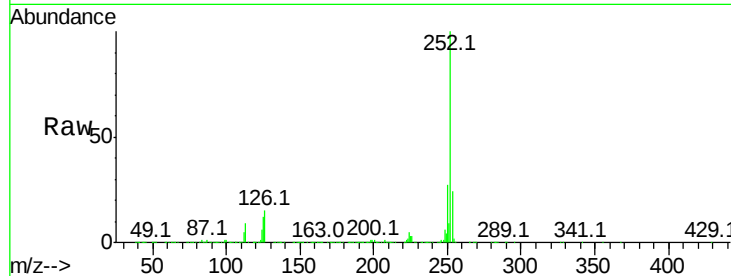




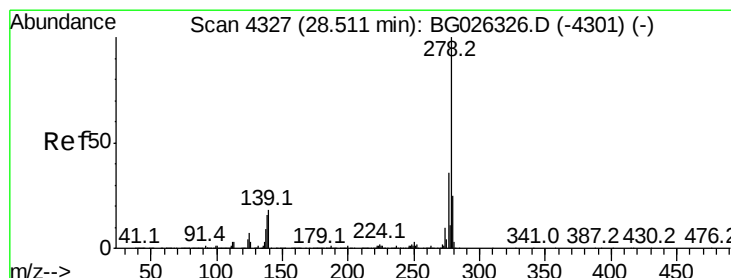
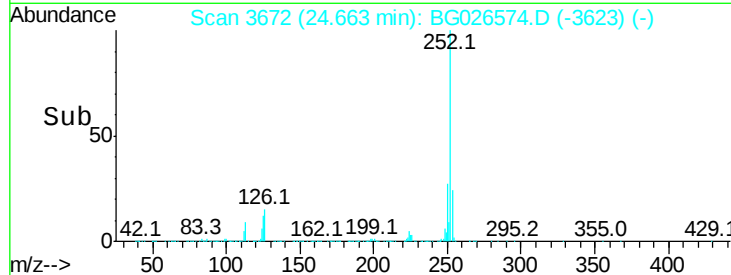
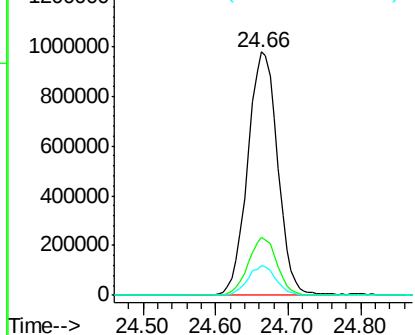
#89
Benzo(a)pyrene
Concen: 45.63 ng
RT: 24.66 min Scan# 3672
Delta R.T. -0.01 min
Lab File: BG026574.D
Acq: 6 Apr 2017 20:21

Instrument :
BNA_G
ClientSampleId :
PB98108BS

Tot Ion:252 Resp: 2805019
Ion Ratio Lower Upper
252 100
253 23.7 19.2 28.8
125 12.1 5.4 8.0#

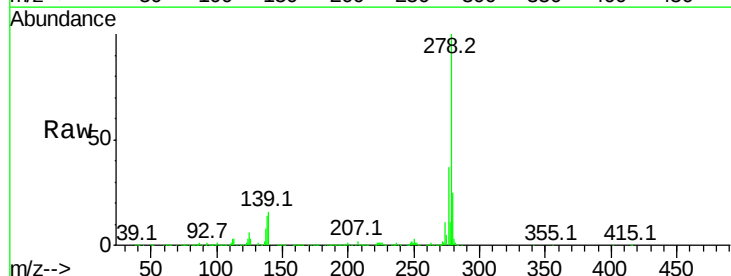


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

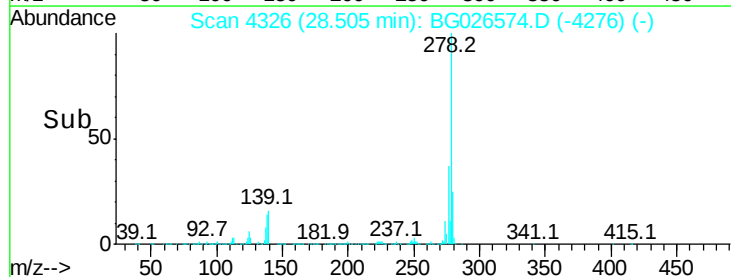
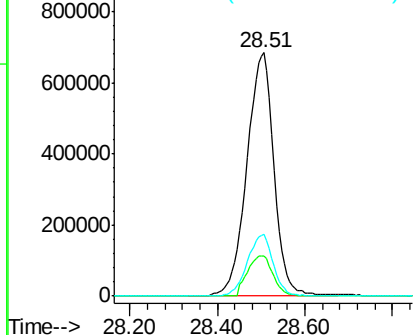


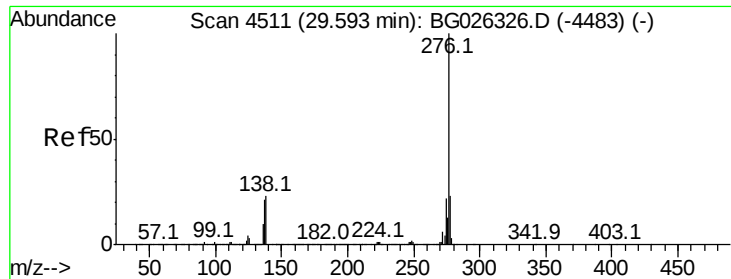
#90
Dibenzo(a,h)anthracene
Concen: 46.27 ng
RT: 28.51 min Scan# 4326
Delta R.T. -0.01 min
Lab File: BG026574.D
Acq: 6 Apr 2017 20:21

Tgt Ion:278 Resp: 2875020
Ion Ratio Lower Upper
278 100
139 16.3 7.7 11.5#
279 25.2 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: 45.76 ng

RT: 29.58 min Scan# 4509

Delta R.T. -0.01 min

Lab File: BG026574.D

Acq: 6 Apr 2017 20:21

Instrument :

BNA_G

ClientSampleId :

PB98108BS

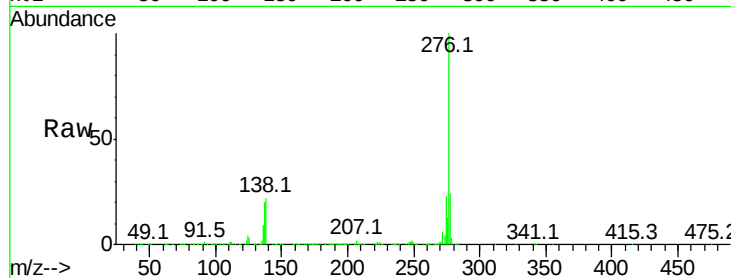
Tot Ion:276 Resp: 2864435

Ion Ratio Lower Upper

276 100

277 23.8 18.6 27.8

138 21.9 8.1 12.1#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

