

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032217\
 Data File : BG026382.D
 Acq On : 22 Mar 2017 19:19
 Operator : SJ/MA
 Sample : PB97741BS
 Misc : L00 20 PPB
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB97741BS

Quant Time: Mar 23 01:13:41 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	140268	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	604021	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	364636	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	869530	20.00	ng	0.00
75) Chrysene-d12	21.63	240	946663	20.00	ng	0.00
86) Perylene-d12	24.80	264	953171	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1173410	148.48	ng	0.00
7) Phenol-d6	7.21	99	1546635	145.77	ng	0.00
23) Nitrobenzene-d5	9.20	82	826081	82.23	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	656972	157.33	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	2265617	87.13	ng	0.00
78) Terphenyl-d14	19.98	244	3082906	79.09	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	116485	32.84	ng	# 69
3) Pyridine	3.89	79	334551	34.44	ng	# 61
4) n-Nitrosodimethylamine	3.81	42	104478	39.35	ng	# 1
6) Aniline	7.37	93	295913	20.88	ng	# 89
8) 2-Chlorophenol	7.61	128	448662	50.42	ng	# 79
9) Benzaldehyde	7.18	77	131820	18.40	ng	# 65
10) Phenol	7.24	94	552225	48.77	ng	# 70
11) bis(2-Chloroethyl)ether	7.46	93	392727	42.30	ng	# 81
12) 1,3-Dichlorobenzene	7.94	146	467227	44.10	ng	# 85
13) 1,4-Dichlorobenzene	7.94	146	467227	43.60	ng	# 95
14) 1,2-Dichlorobenzene	8.40	146	456173	44.48	ng	# 89
15) Benzyl Alcohol	8.28	79	336324	48.35	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	8.58	45	382532	37.10	ng	# 80
17) 2-Methylphenol	8.48	107	385442	47.94	ng	# 79
18) Hexachloroethane	9.13	117	153872	43.91	ng	# 96
19) n-Nitroso-di-n-propylamine	8.84	70	294606	43.19	ng	# 69
20) 3+4-Methylphenols	8.81	107	536843	48.49	ng	# 86
22) Acetophenone	8.86	105	624868	44.99	ng	# 73
24) Nitrobenzene	9.25	77	420533	42.40	ng	# 70
25) Isophorone	9.76	82	834885	44.10	ng	# 88
26) 2-Nitrophenol	9.96	139	258483	50.08	ng	# 61
27) 2,4-Dimethylphenol	10.01	122	440538	52.00	ng	# 84
28) bis(2-Chloroethoxy)methane	10.24	93	545989	44.39	ng	# 98
29) 2,4-Dichlorophenol	10.49	162	462290	53.96	ng	# 93
30) 1,2,4-Trichlorobenzene	10.71	180	463421	48.15	ng	# 98
31) Naphthalene	10.89	128	1343676	44.00	ng	# 99
32) Benzoic acid	10.16	122	322180	49.42	ng	# 73
33) 4-Chloroaniline	11.00	127	97539	7.85	ng	# 81
34) Hexachlorobutadiene	11.18	225	263240	46.36	ng	# 96
35) Caprolactam	11.76	113	85292	25.27	ng	# 47
36) 4-Chloro-3-methylphenol	12.12	107	463800	50.61	ng	# 75
37) 2-Methylnaphthalene	12.49	142	1057426	47.27	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	498489	45.44	ng	# 98
40) Hexachlorocyclopentadiene	12.84	237	596278	103.25	ng	# 97

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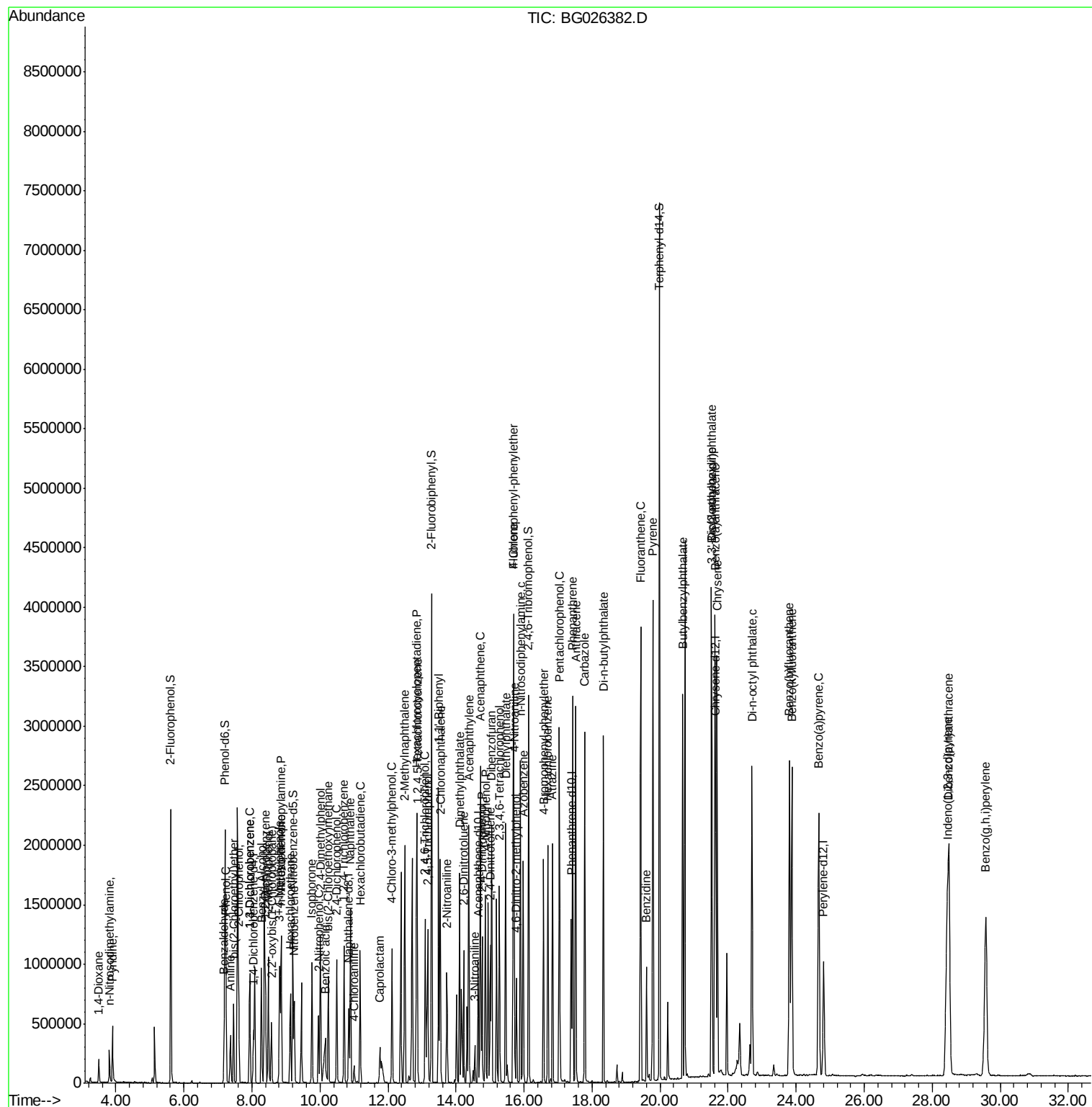
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42) 2,4,6-Trichlorophenol	13.09	196	377770	52.59	nq	94
43) 2,4,5-Trichlorophenol	13.17	196	392264	49.40	nq	# 90
45) 1,1'-Biphenyl	13.49	154	1355642	44.89	nq	99
46) 2-Chloronaphthalene	13.54	162	1017807	46.15	nq	96
47) 2-Nitroaniline	13.73	65	270521	43.13	nq	# 52
48) Acenaphthylene	14.38	152	1690941	43.98	nq	99
49) Dimethylphthalate	14.11	163	1316167	47.82	nq	99
50) 2,6-Dinitrotoluene	14.22	165	313933	48.87	nq	# 59
51) Acenaphthene	14.72	154	1062187	44.86	nq	99
52) 3-Nitroaniline	14.55	138	102519	14.50	nq	# 72
53) 2,4-Dinitrophenol	14.76	184	370500	99.43	nq	# 75
54) Dibenzofuran	15.05	168	1627895	48.83	nq	90
55) 4-Nitrophenol	14.86	139	574846	99.25	nq	# 38
56) 2,4-Dinitrotoluene	15.01	165	452304	50.06	nq	# 68
57) Fluorene	15.69	166	1344223	45.31	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.27	232	370280	53.47	nq	# 97
59) Diethylphthalate	15.46	149	1327511	47.19	nq	99
60) 4-Chlorophenyl-phenylether	15.68	204	662574	47.13	nq	91
61) 4-Nitroaniline	15.71	138	335146	44.80	nq	# 49
62) Azobenzene	15.97	77	1075750	47.03	nq	78
64) 4,6-Dinitro-2-methylphenol	15.77	198	283090	51.64	nq	84
65) n-Nitrosodiphenylamine	15.89	169	1197508	46.93	nq	99
66) 4-Bromophenyl-phenylether	16.57	248	444533	49.67	nq	94
67) Hexachlorobenzene	16.70	284	467145	48.93	nq	92
68) Atrazine	16.84	200	443864	45.94	nq	96
69) Pentachlorophenol	17.04	266	595632	95.96	nq	94
70) Phenanthrene	17.42	178	2095582	44.88	nq	98
71) Anthracene	17.52	178	2170199	45.55	nq	99
72) Carbazole	17.78	167	2057222	41.94	nq	97
73) Di-n-butylphthalate	18.33	149	2308000	45.80	nq	# 95
74) Fluoranthene	19.43	202	2457257	44.75	nq	96
76) Benzidine	19.60	184	630535	19.32	nq	98
77) Pyrene	19.79	202	2490255	45.43	nq	98
79) Butylbenzylphthalate	20.66	149	1058457	48.26	nq	# 84
80) Benzo(a)anthracene	21.61	228	2390541	44.87	nq	100
81) 3,3'-Dichlorobenzidine	21.52	252	480974	22.05	nq	98
82) Chrysene	21.68	228	2201806	43.26	nq	100
83) Bis(2-ethylhexyl)phthalate	21.51	149	1524545	46.02	nq	96
84) Di-n-octyl phthalate	22.70	149	2629651	46.52	nq	# 81
85) Indeno(1,2,3-cd)pyrene	28.44	276	3074414	48.92	nq	# 88
87) Benzo(b)fluoranthene	23.81	252	2585775	46.02	nq	# 97
88) Benzo(k)fluoranthene	23.87	252	2462486	45.19	nq	# 95
89) Benzo(a)pyrene	24.66	252	2486430	46.14	nq	# 96
90) Dibenzo(a,h)anthracene	28.49	278	2561261	47.03	nq	# 93
91) Benzo(g,h,i)perylene	29.58	276	2546642	46.40	nq	# 87

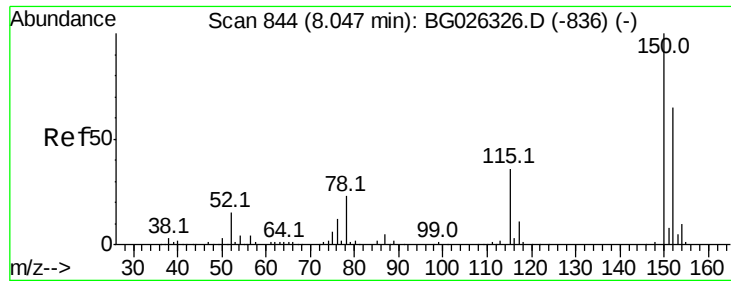
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG026382.D

Acq: 22 Mar 2017 19:19

Instrument :

BNA_G

ClientSampleId :

PB97741BS

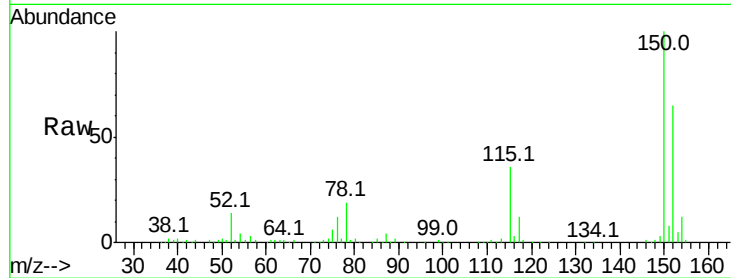
Tot Ion:152 Resp: 140268

Ion Ratio Lower Upper

152 100

150 153.5 114.0 171.0

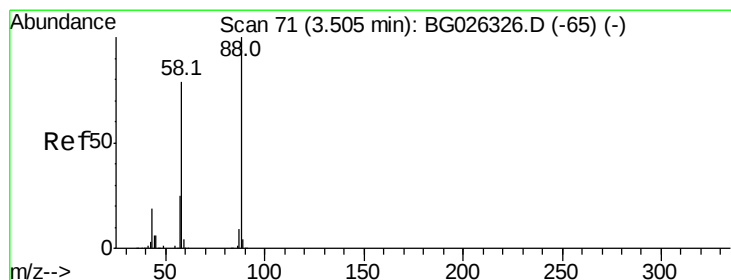
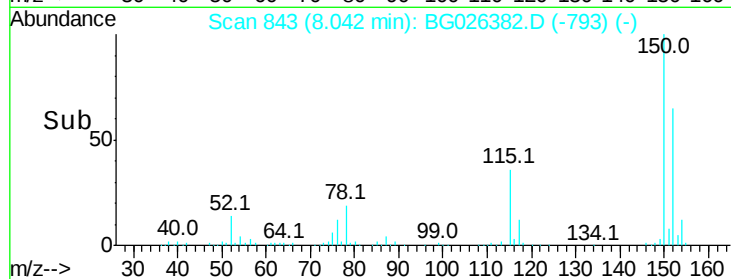
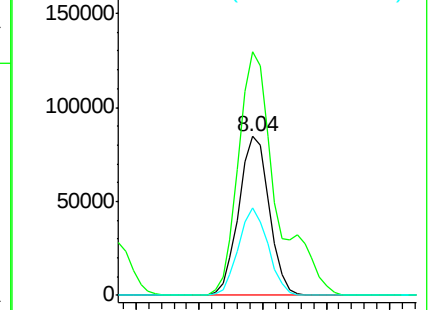
115 54.9 48.1 72.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.84 ng

RT: 3.50 min Scan# 70

Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

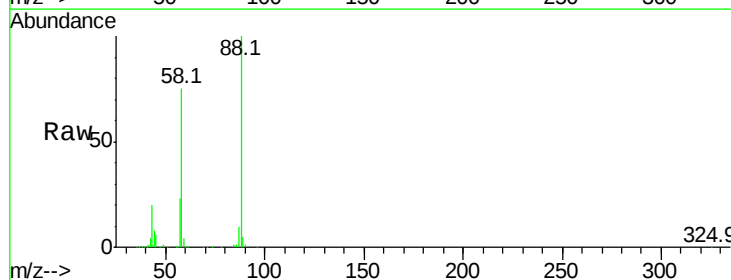
Tgt Ion: 88 Resp: 116485

Ion Ratio Lower Upper

88 100

58 70.6 79.4 119.2#

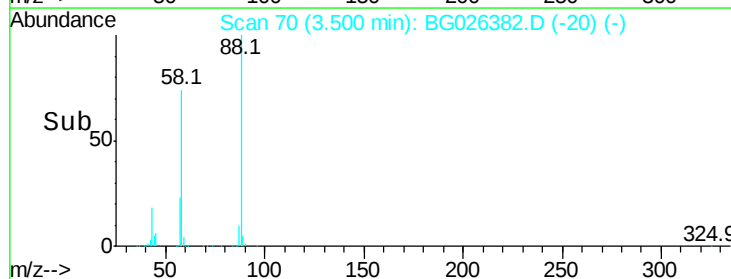
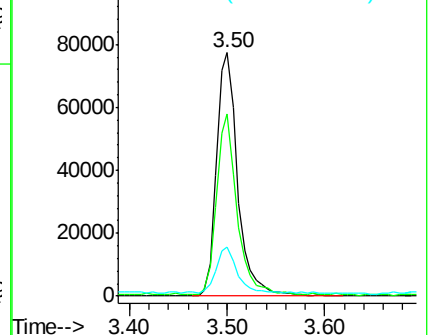
43 19.2 33.8 50.6#

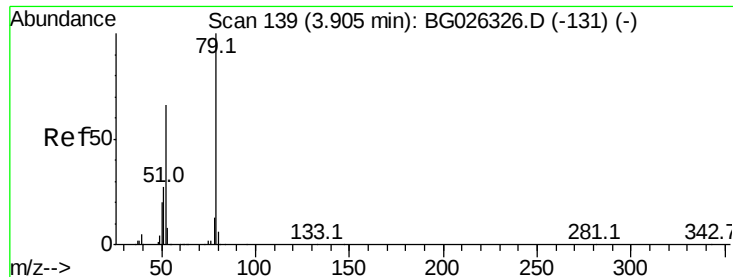


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.44 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

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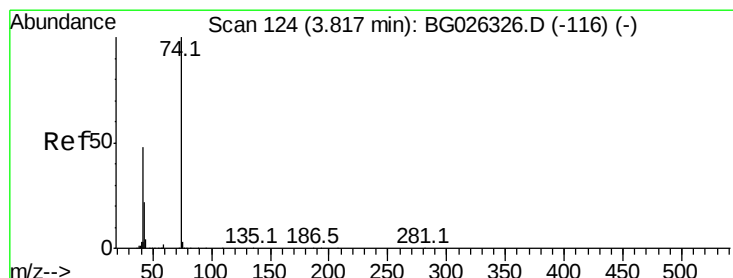
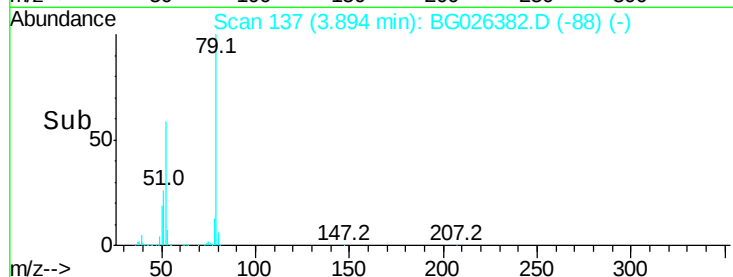
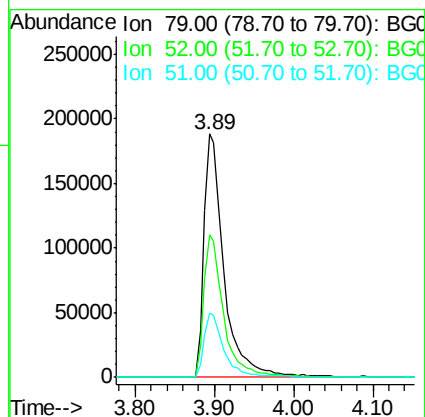
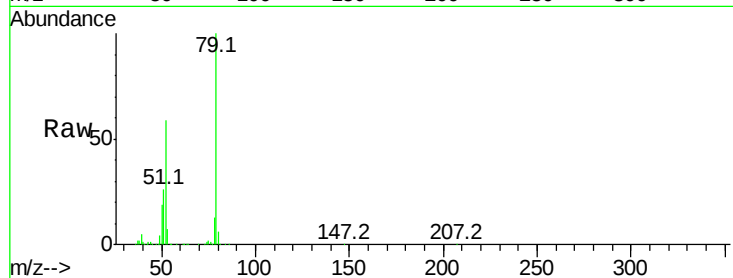
Tot Ion: 79 Resp: 334551

Ion Ratio Lower Upper

79 100

52 58.6 77.8 116.6#

51 26.3 43.2 64.8#



#4

n-Nitrosodimethylamine

Concen: 39.35 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

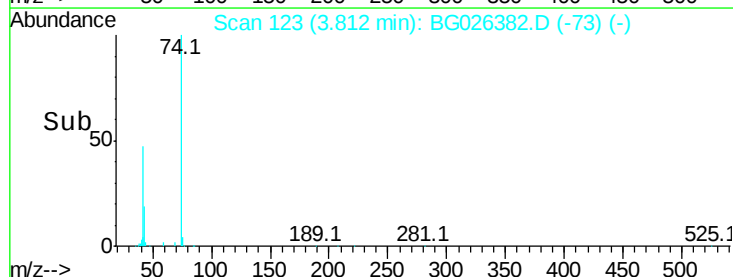
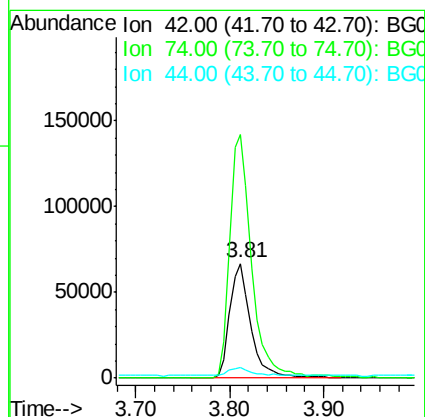
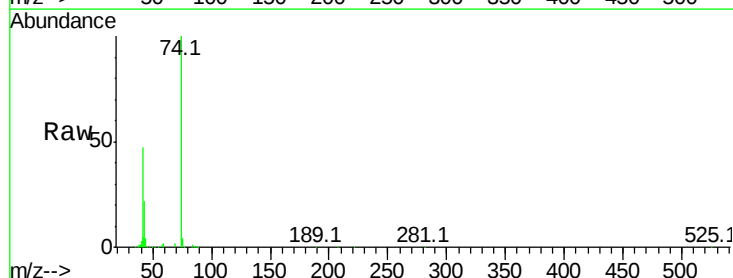
Tgt Ion: 42 Resp: 104478

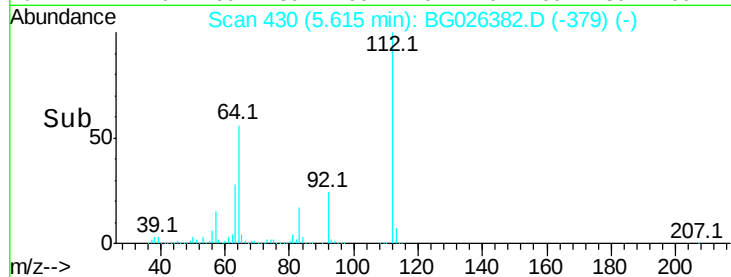
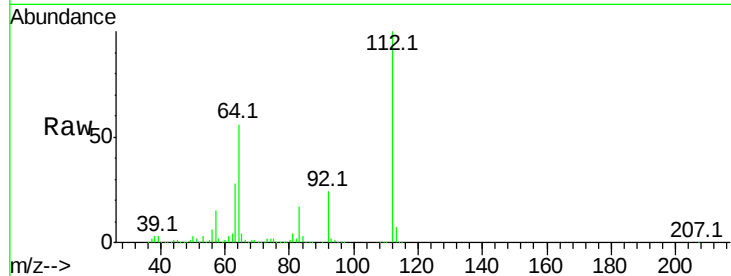
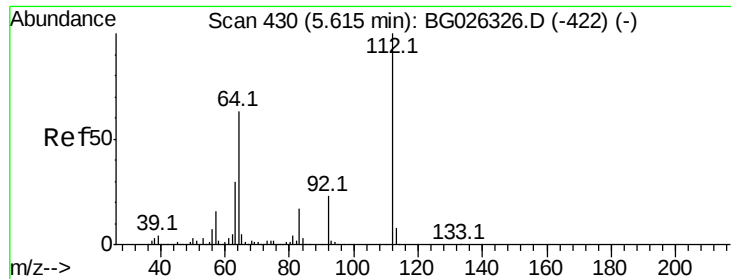
Ion Ratio Lower Upper

42 100

74 212.8 76.7 115.1#

44 8.8 6.1 9.1





#5

2-Fluorophenol

Concen: 148.48 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

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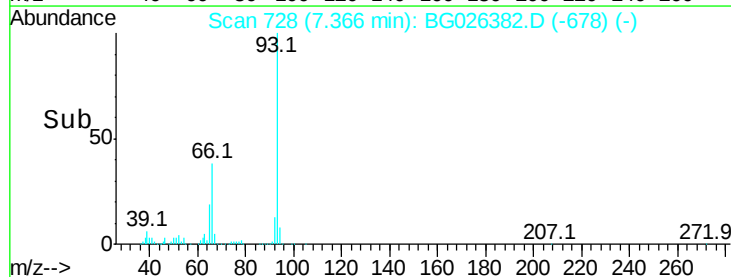
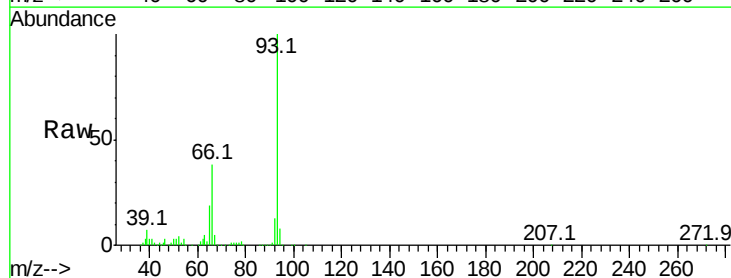
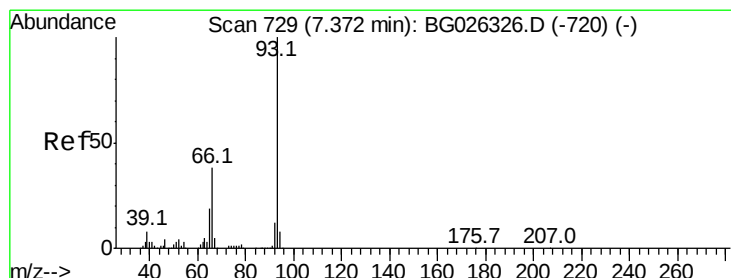
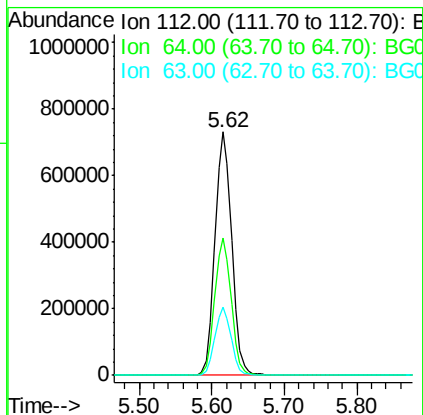
Tot Ion:112 Resp: 1173410

Ion Ratio Lower Upper

112 100

64 56.3 61.8 92.6#

63 27.8 37.2 55.8#



#6

Aniline

Concen: 20.88 ng

RT: 7.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

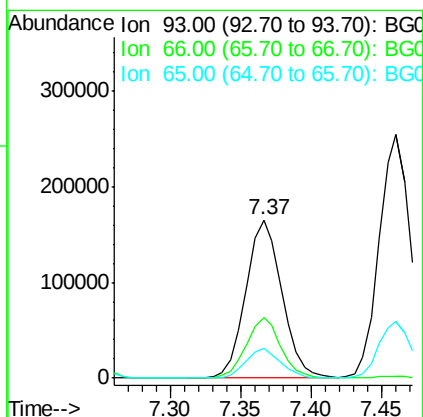
Tgt Ion: 93 Resp: 295913

Ion Ratio Lower Upper

93 100

66 38.0 35.4 53.2

65 19.2 21.2 31.8#





#7

Phenol-d6

Concen: 145.77 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Instrument :

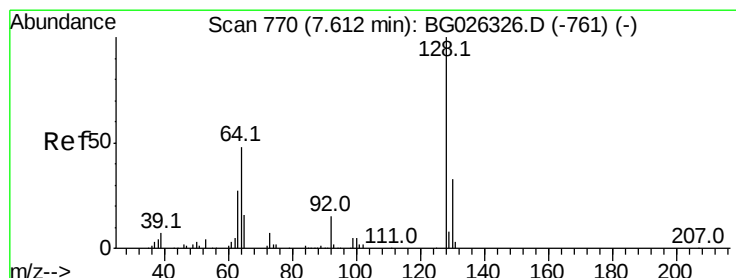
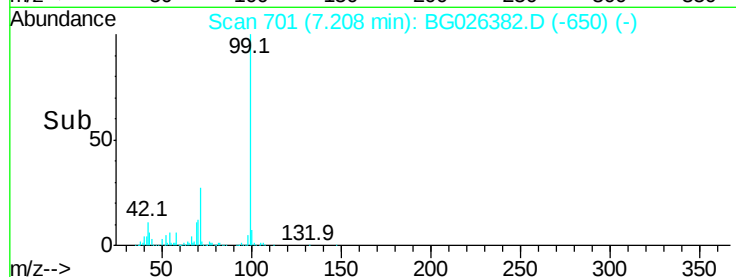
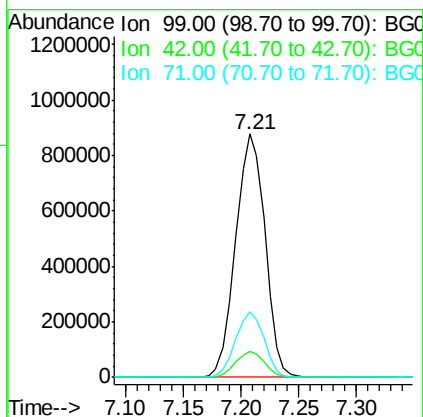
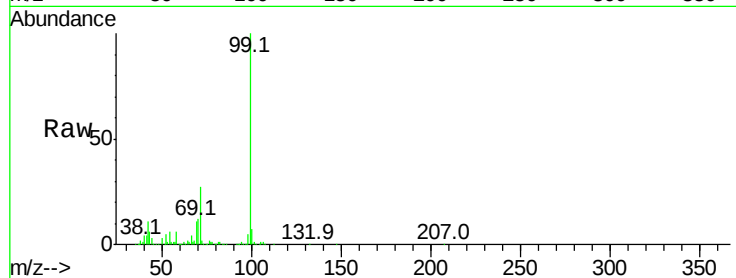
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Tot Ion: 99 Resp: 1546635

Ion	Ratio	Lower	Upper
99	100		
42	10.9	20.5	30.7#
71	26.8	37.6	56.4#



#8

2-Chlorophenol

Concen: 50.42 ng

RT: 7.61 min Scan# 770

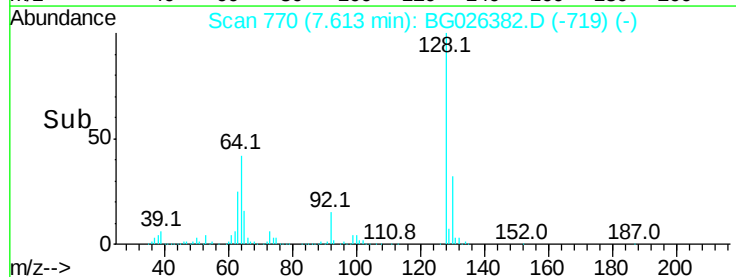
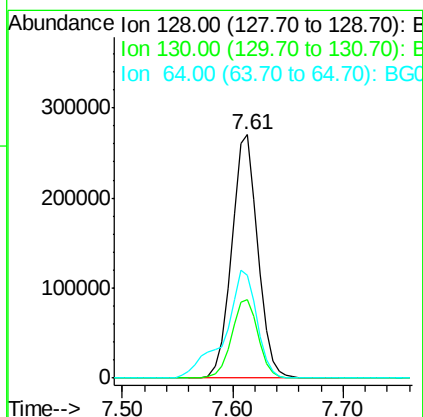
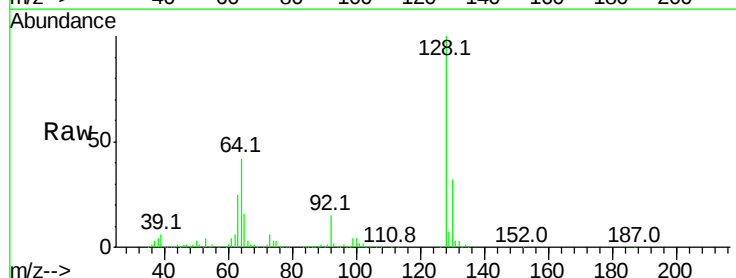
Delta R.T. 0.00 min

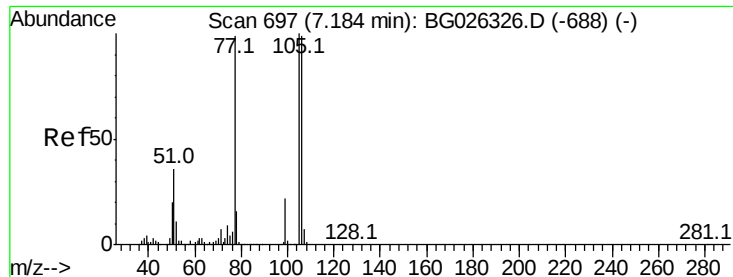
Lab File: BG026382.D

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Tgt Ion: 128 Resp: 448662

Ion	Ratio	Lower	Upper
128	100		
130	32.0	11.4	51.4
64	42.1	46.6	86.6#





#9

Benzaldehyde

Concen: 18.40 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG026382.D

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BNA_G

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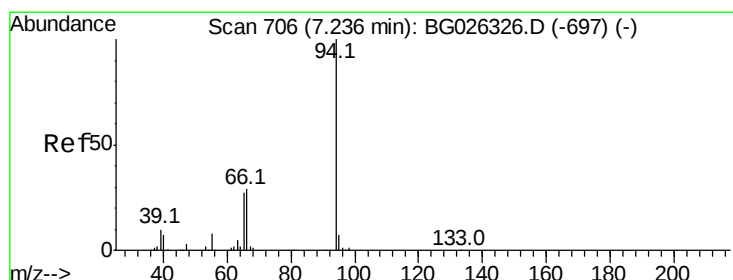
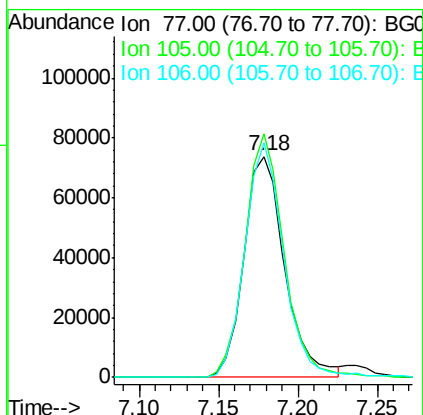
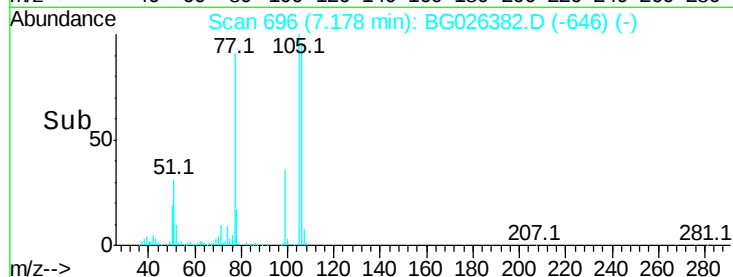
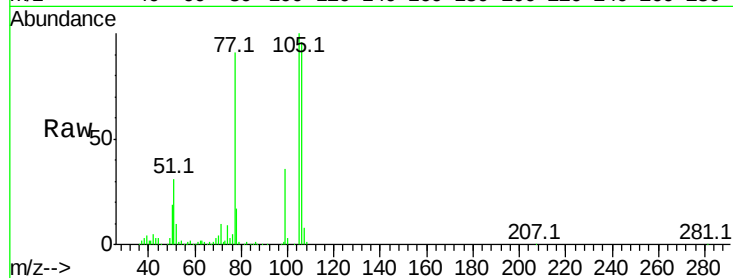
Tot Ion: 77 Resp: 131820

Ion Ratio Lower Upper

77 100

105 110.1 60.9 100.9#

106 106.0 55.1 95.1#



#10

Phenol

Concen: 48.77 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

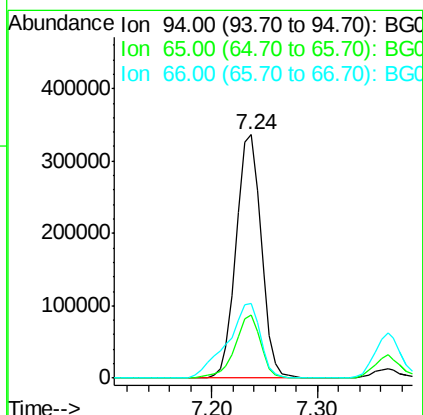
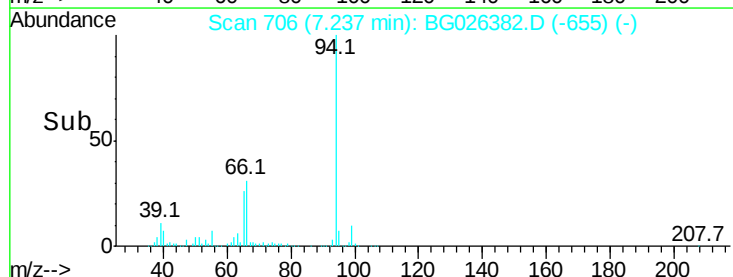
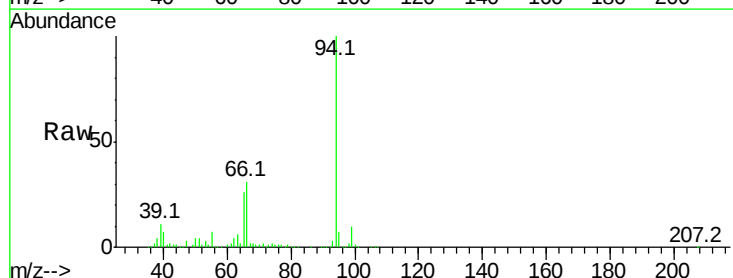
Tgt Ion: 94 Resp: 552225

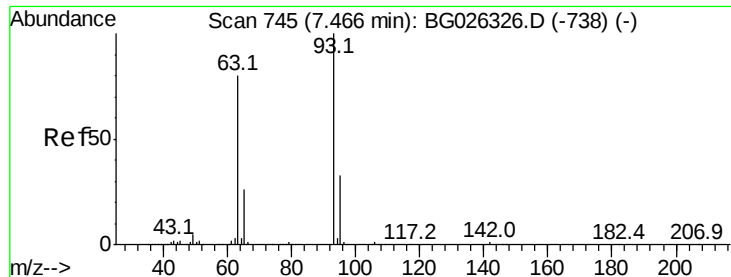
Ion Ratio Lower Upper

94 100

65 25.8 20.6 60.6

66 30.9 35.5 75.5#





#11

bis(2-Chloroethyl)ether

Concen: 42.30 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Instrument :

BNA_G

ClientSampleId :

PB97741BS

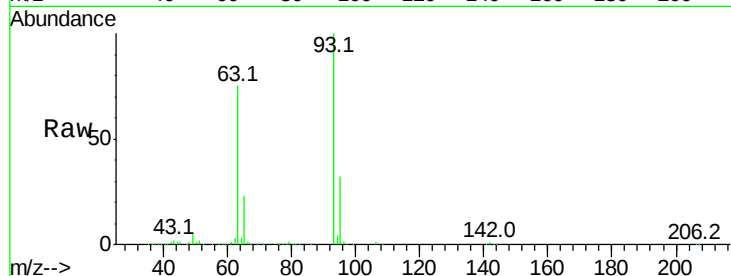
Tot Ion: 93 Resp: 392727

Ion Ratio Lower Upper

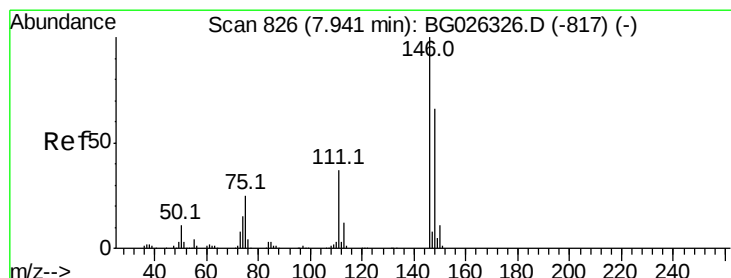
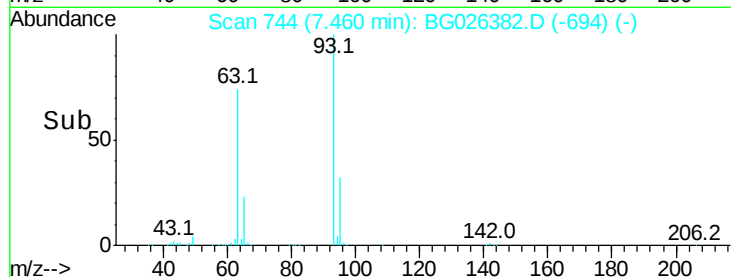
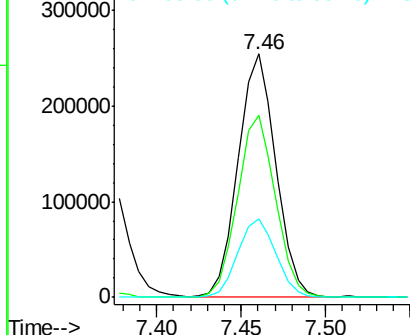
93 100

63 74.6 78.5 118.5#

95 32.1 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: 44.10 ng

RT: 7.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

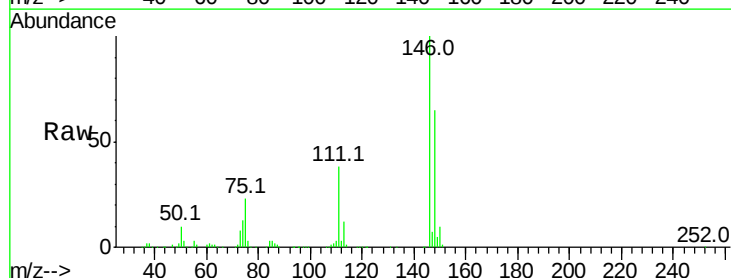
Tgt Ion: 146 Resp: 467227

Ion Ratio Lower Upper

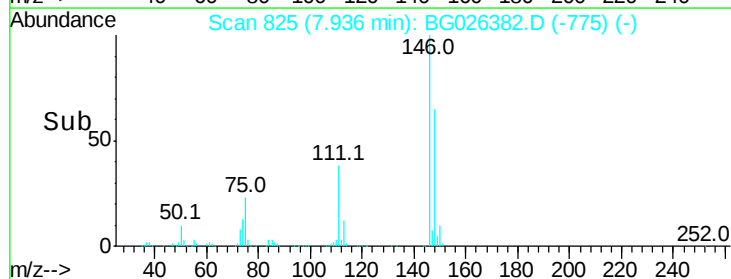
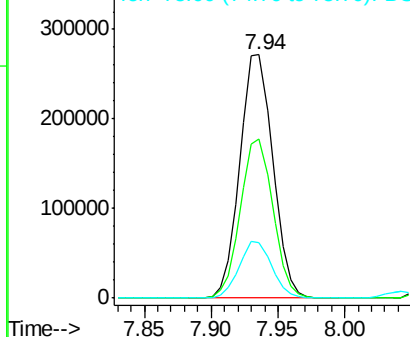
146 100

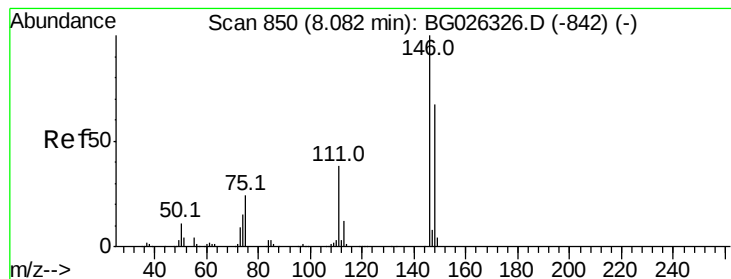
148 65.4 49.2 73.8

75 23.0 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: 43.60 ng

RT: 7.94 min Scan# 825

Delta R.T. -0.15 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Instrument :

BNA_G

ClientSampleId :

PB97741BS

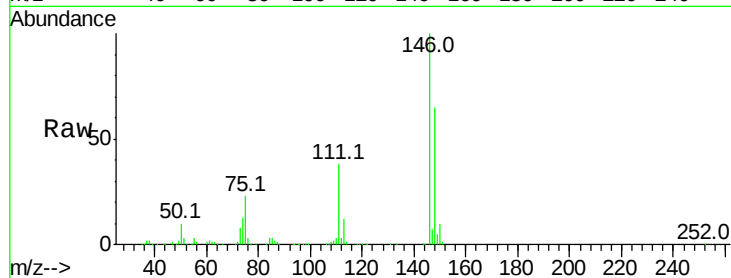
Tot Ion:146 Resp: 467227

Ion Ratio Lower Upper

146 100

148 65.4 52.2 78.2

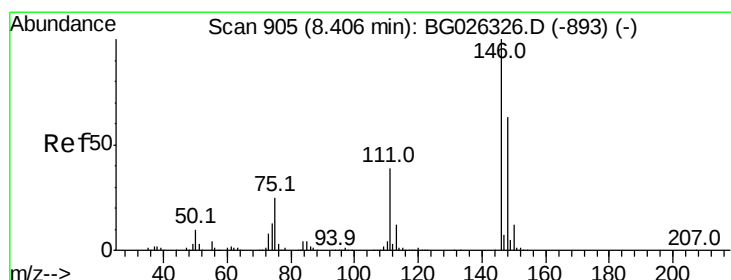
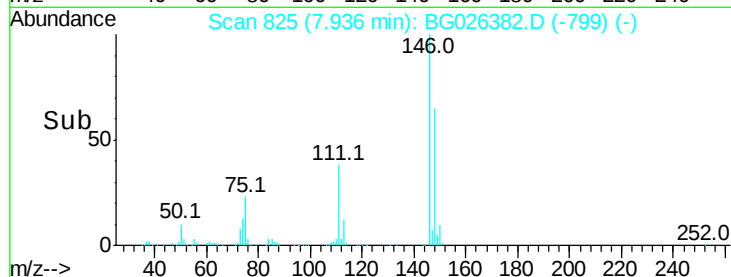
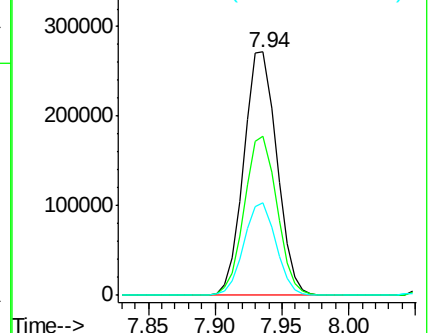
111 37.8 37.0 55.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.48 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

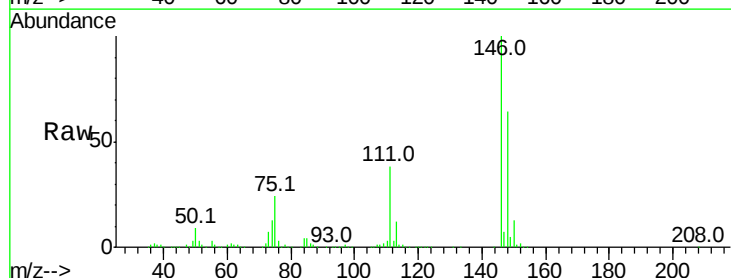
Tgt Ion:146 Resp: 456173

Ion Ratio Lower Upper

146 100

148 63.7 54.6 81.8

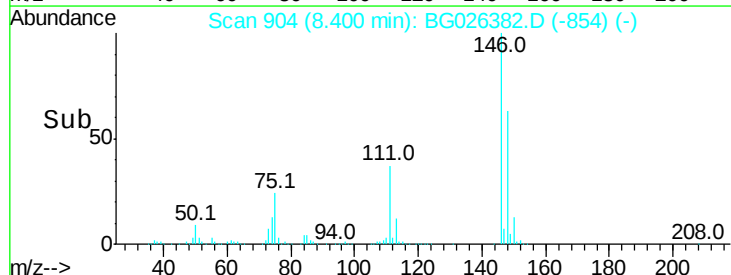
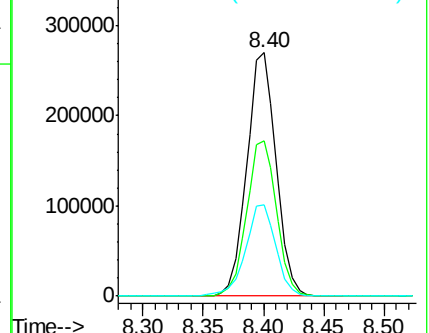
111 37.6 39.7 59.5#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.35 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Instrument :

BNA_G

ClientSampleId :

PB97741BS

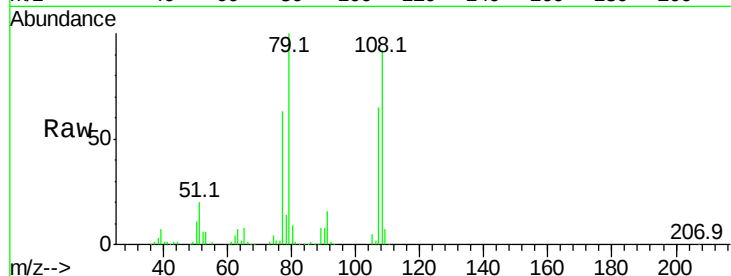
Tot Ion: 79 Resp: 336324

Ion Ratio Lower Upper

79 100

108 91.6 45.5 68.3#

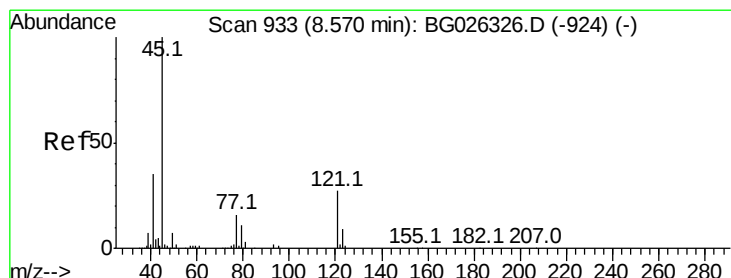
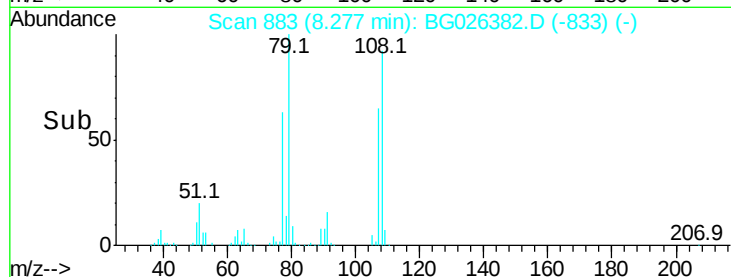
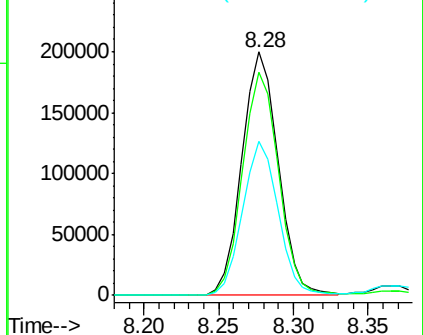
77 63.2 54.3 81.5



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: 37.10 ng

RT: 8.58 min Scan# 934

Delta R.T. 0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

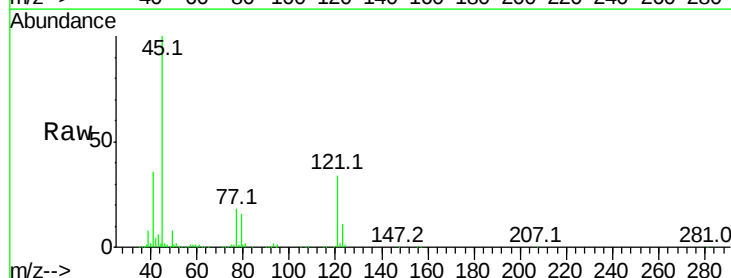
Tgt Ion: 45 Resp: 382532

Ion Ratio Lower Upper

45 100

77 17.9 0.0 30.6

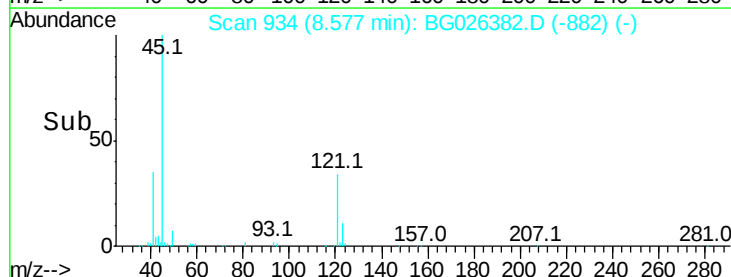
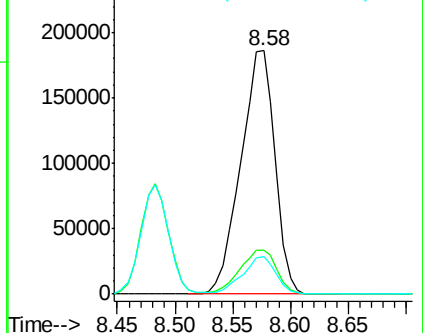
79 15.5 0.0 28.5

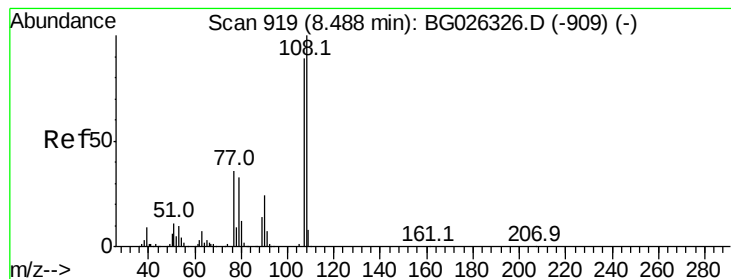


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

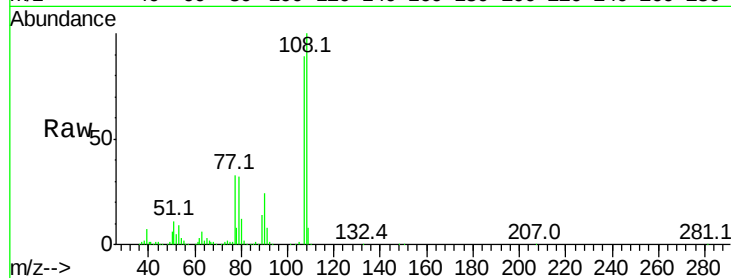




#17
2-Methylphenol
Concen: 47.94 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.01 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Instrument :
BNA_G
ClientSampleId :
PB97741BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.7	85.6	128.4
77	36.9	51.4	77.2#
79	36.5	49.2	73.8#



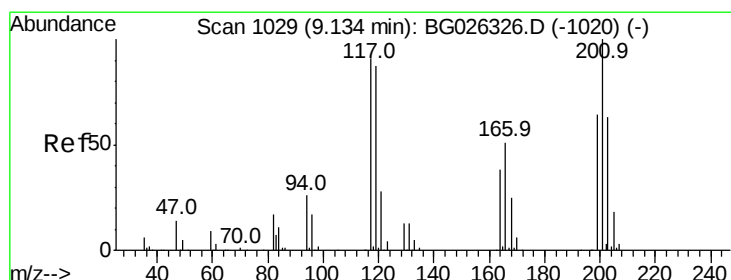
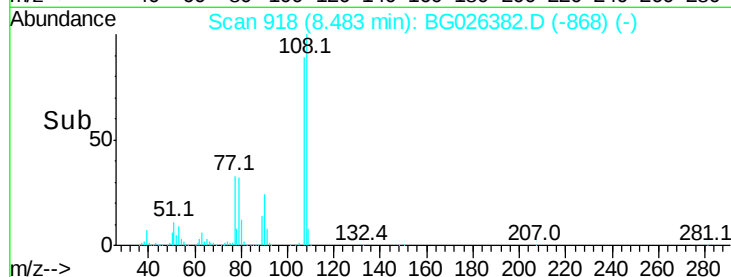
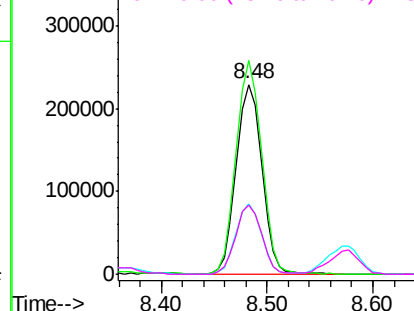
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

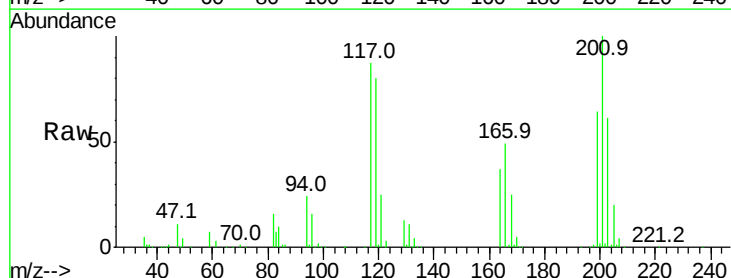
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 43.91 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.0	69.8	104.6
201	114.9	95.4	143.0

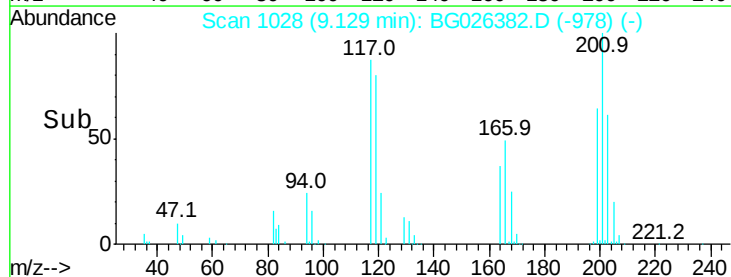
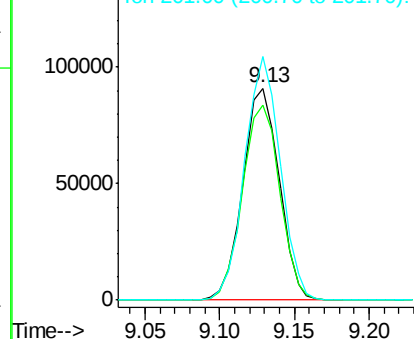


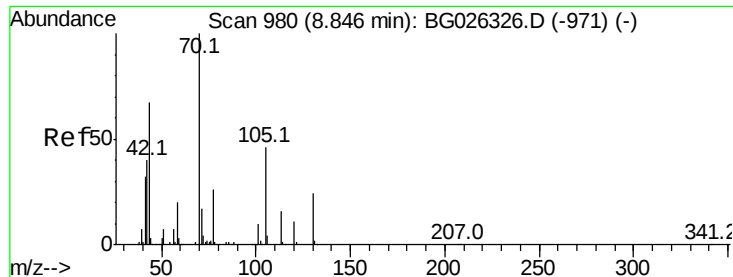
Abundance

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

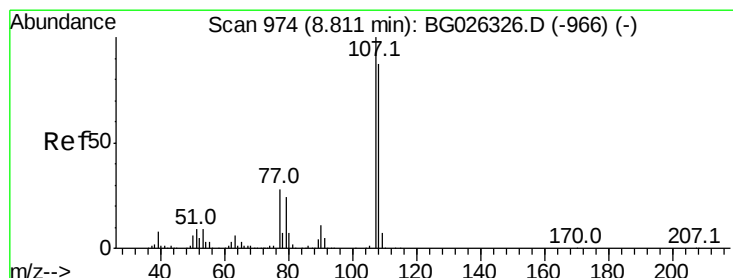
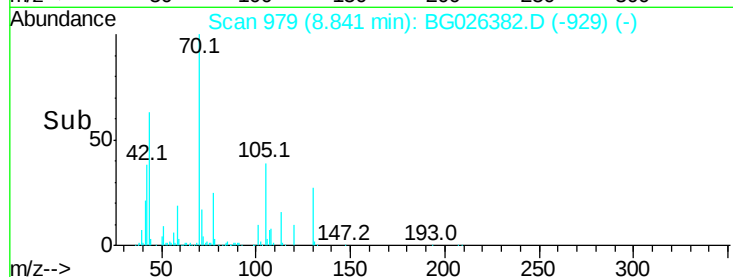
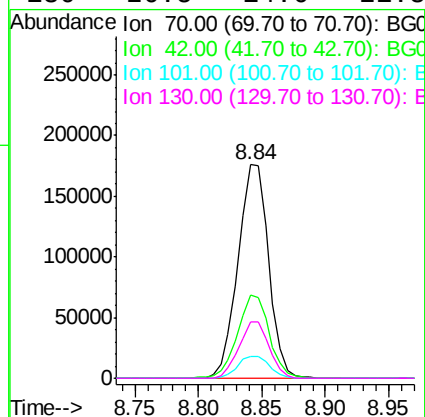
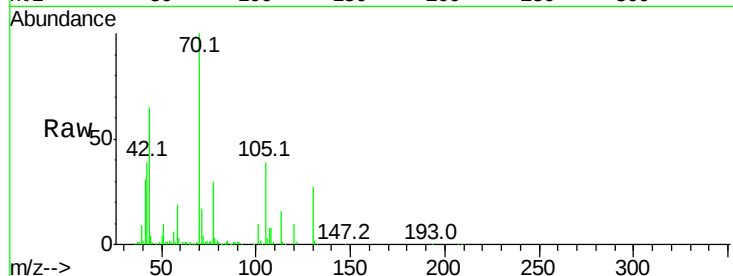




#19
n-Nitroso-di-n-propylamine
Concen: 43.19 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

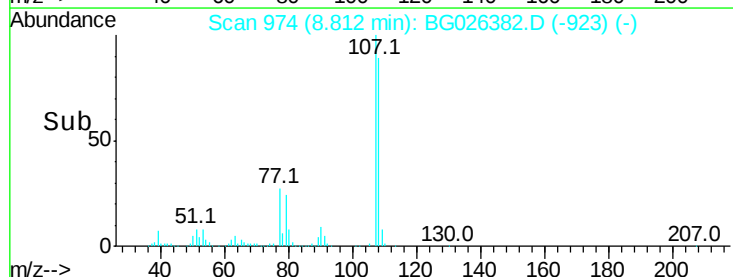
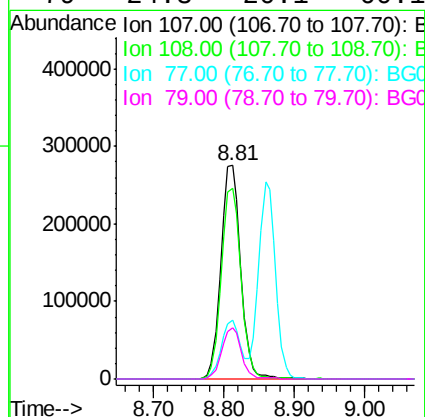
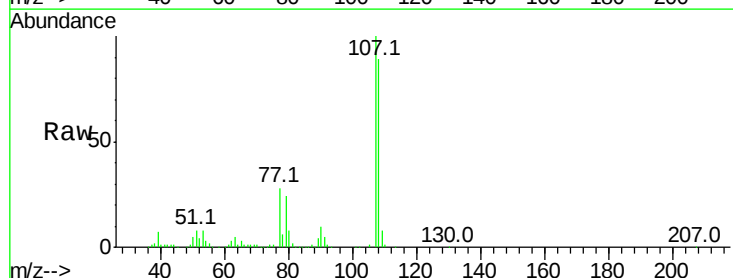
Instrument :
BNA_G
ClientSampleId :
PB97741BS

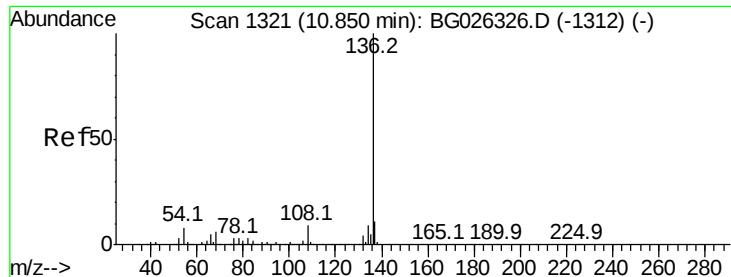
Tot Ion: 70 Resp: 294606
Ion Ratio Lower Upper
70 100
42 39.2 56.1 84.1#
101 10.3 7.5 11.3
130 26.5 14.6 21.8#



#20
3+4-Methylphenols
Concen: 48.49 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Tgt Ion:107 Resp: 536843
Ion Ratio Lower Upper
107 100
108 89.2 70.8 110.8
77 27.5 25.8 65.8
79 24.3 20.1 60.1

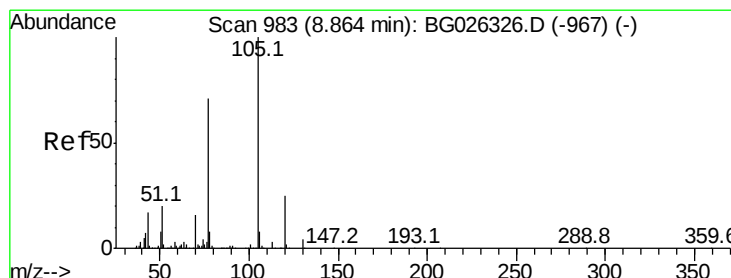
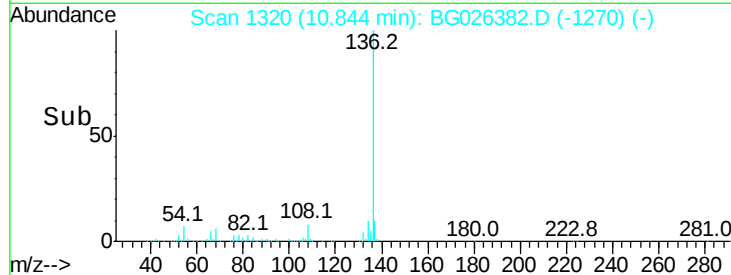
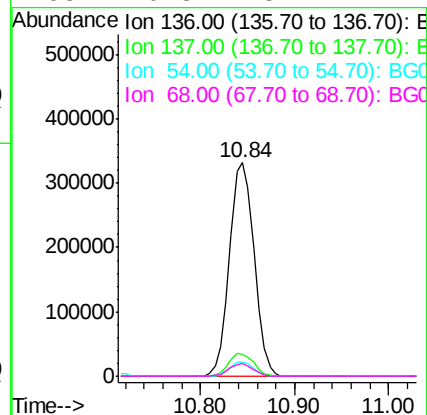
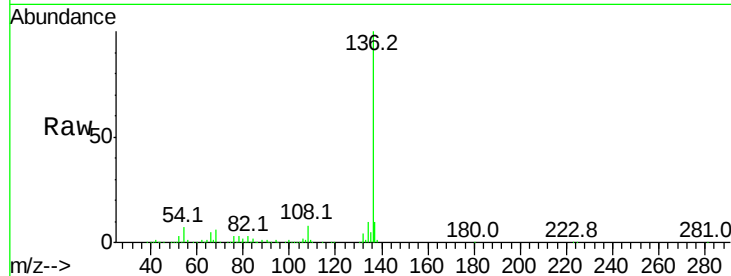




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

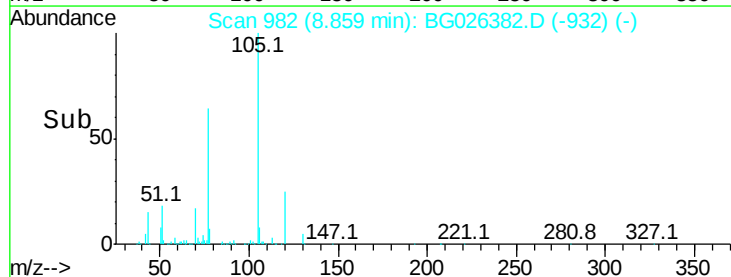
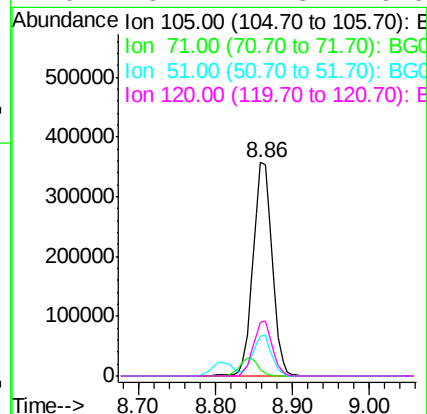
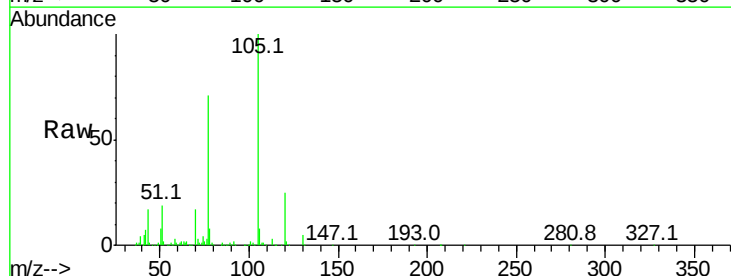
Instrument :
BNA_G
ClientSampleId :
PB97741BS

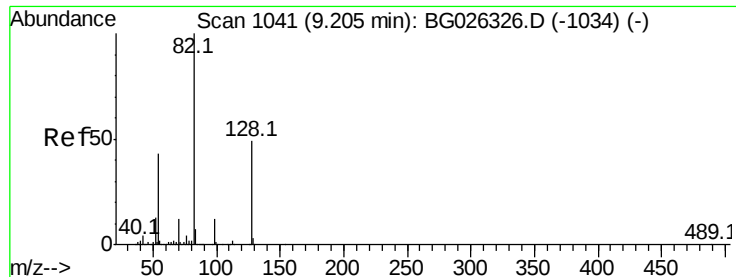
Tot Ion:136	Resp:	604021
Ion	Ratio	Lower Upper
136	100	
137	10.3	8.9 13.3
54	6.6	9.3 13.9#
68	6.3	5.1 7.7



#22
Acetophenone
Concen: 44.99 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Tgt Ion:105	Resp:	624868
Ion	Ratio	Lower Upper
105	100	
71	2.9	0.9 1.3#
51	18.8	34.0 51.0#
120	25.4	17.3 25.9

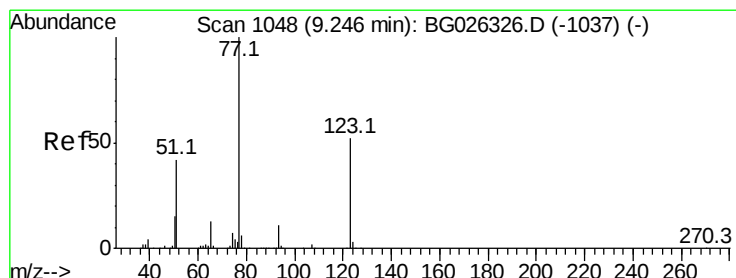
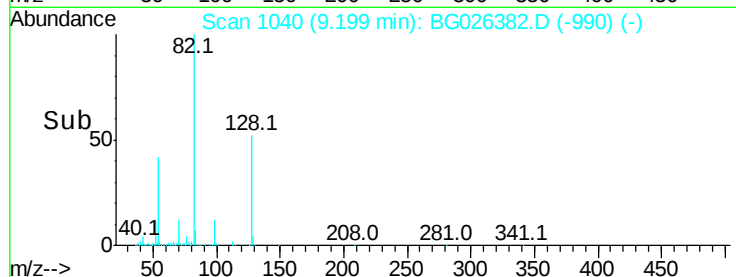
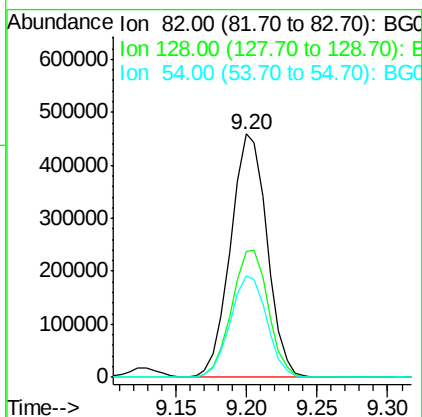
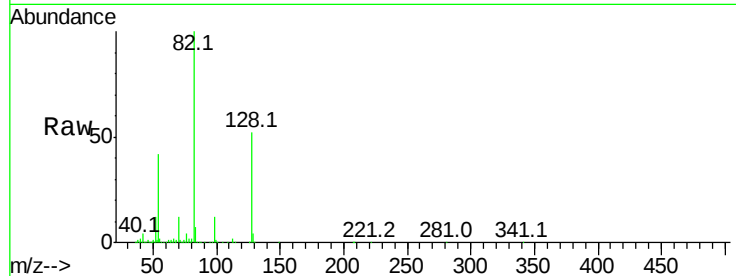




#23
Nitrobenzene-d5
Concen: 82.23 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

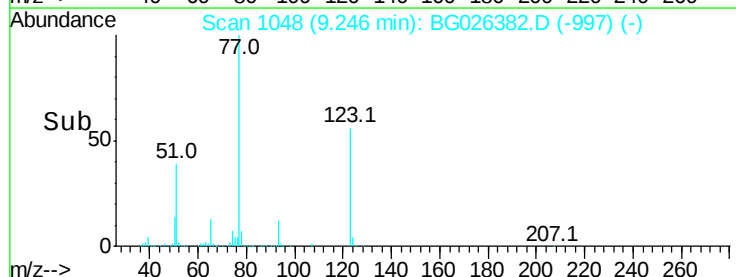
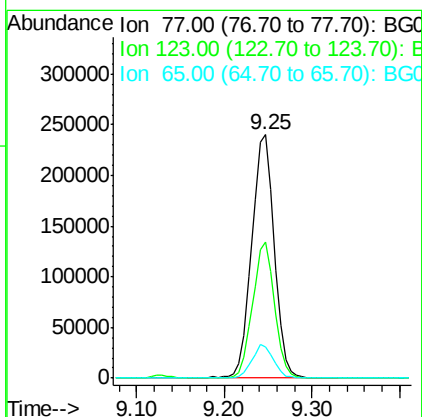
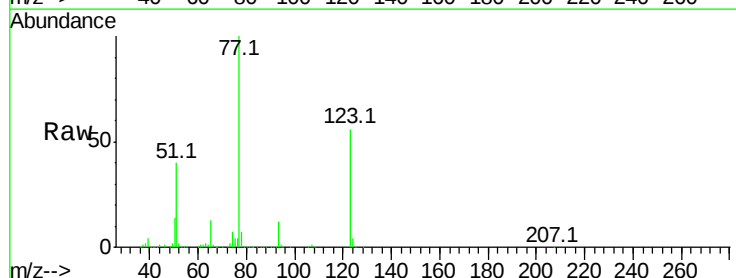
Instrument :
BNA_G
ClientSampleId :
PB97741BS

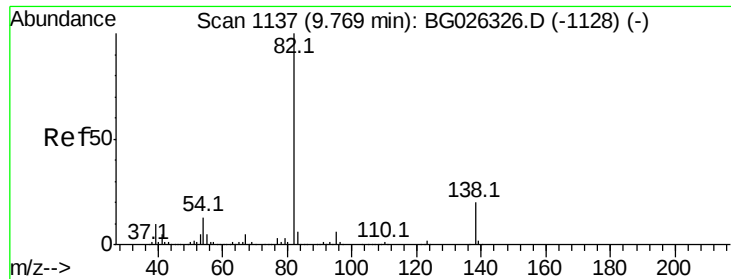
Tot Ion: 82 Resp: 826081
Ion Ratio Lower Upper
82 100
128 51.7 26.4 39.6#
54 41.8 49.4 74.2#



#24
Nitrobenzene
Concen: 42.40 ng
RT: 9.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Tgt Ion: 77 Resp: 420533
Ion Ratio Lower Upper
77 100
123 56.0 26.1 39.1#
65 12.9 12.4 18.6





#25

Isophorone

Concen: 44.10 ng

RT: 9.76 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Instrument :

BNA_G

ClientSampleId :

PB97741BS

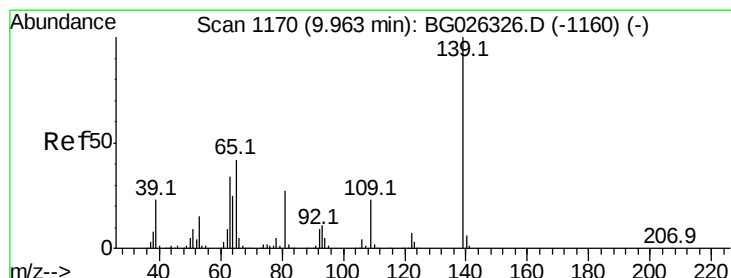
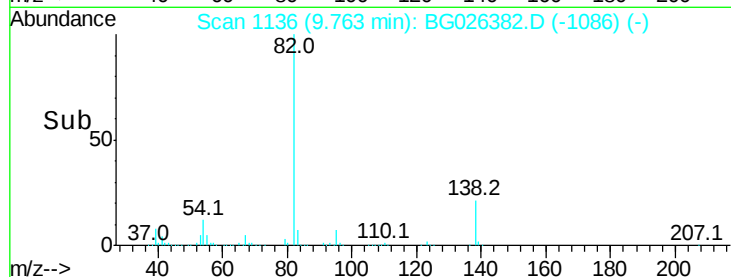
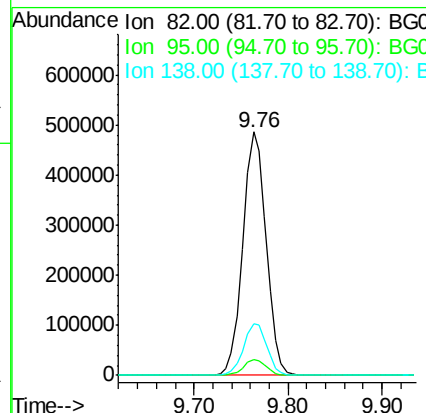
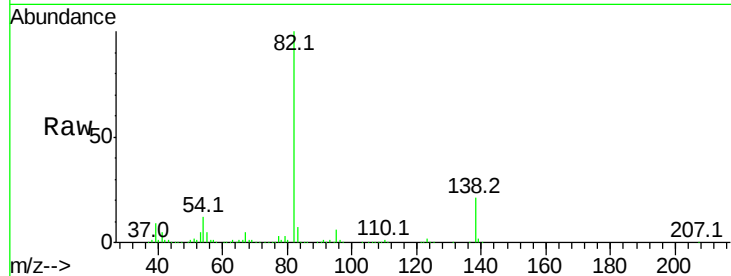
Tot Ion: 82 Resp: 834885

Ion Ratio Lower Upper

82 100

95 6.5 7.5 11.3#

138 21.2 12.3 18.5#



#26

2-Nitrophenol

Concen: 50.08 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

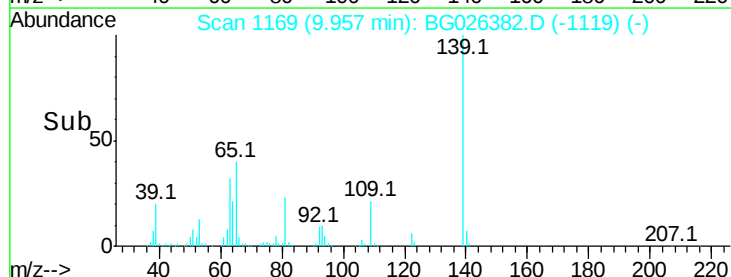
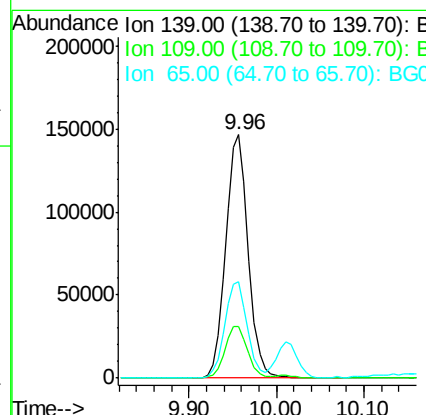
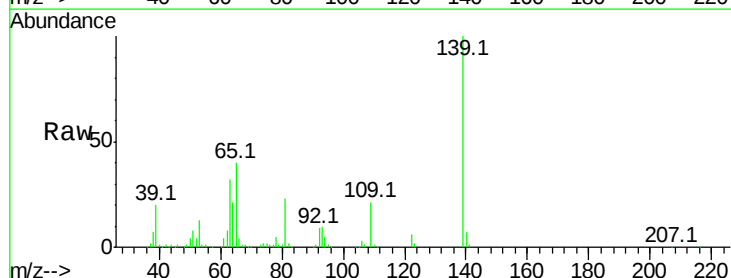
Tgt Ion: 139 Resp: 258483

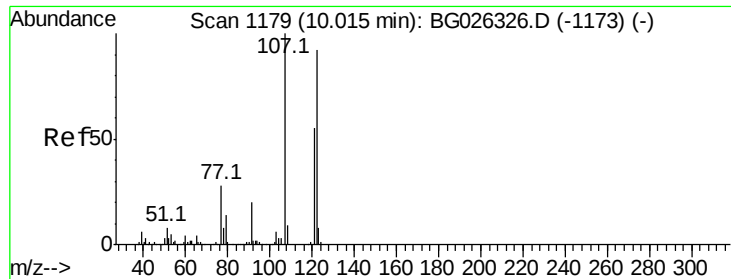
Ion Ratio Lower Upper

139 100

109 20.9 38.6 58.0#

65 39.7 57.1 85.7#

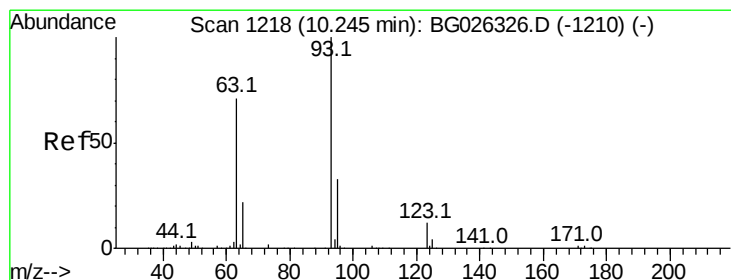
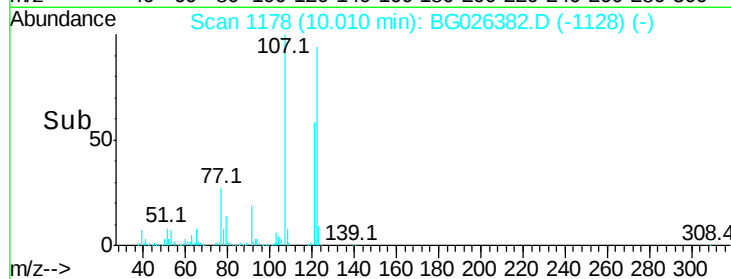
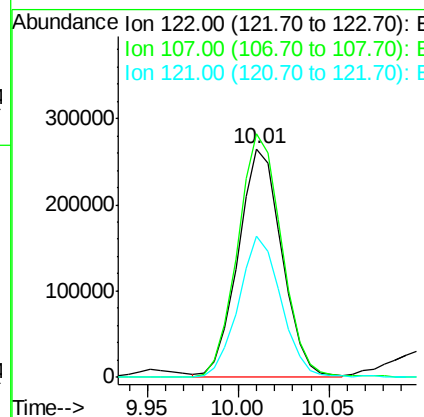
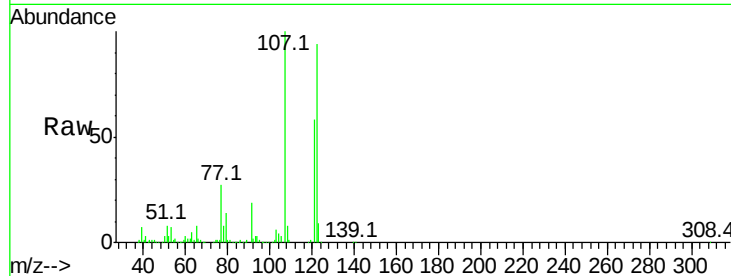




#27
 2,4-Dimethylphenol
 Concen: 52.00 ng
 RT: 10.01 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BG026382.D
 Acq: 22 Mar 2017 19:19

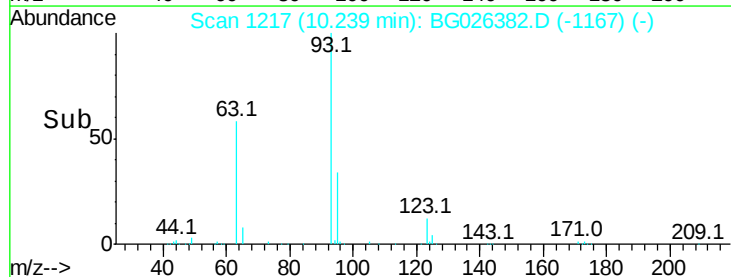
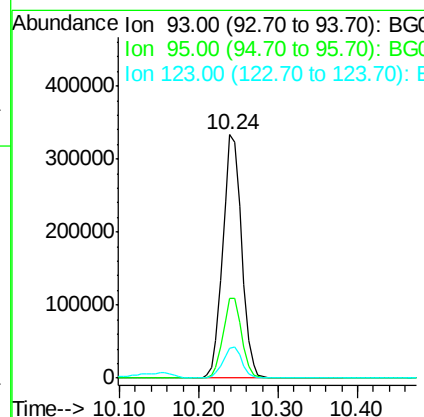
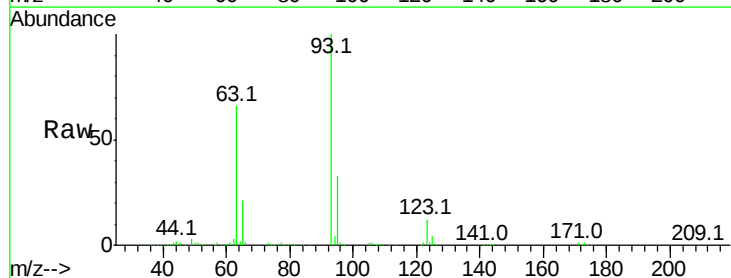
Instrument :
 BNA_G
 ClientSampleId :
 PB97741BS

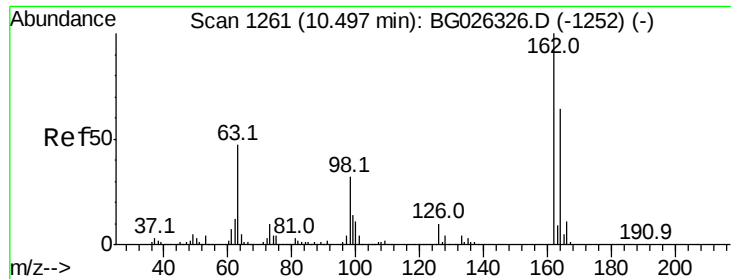
Tot Ion:122 Resp: 440538
 Ion Ratio Lower Upper
 122 100
 107 106.4 104.2 156.4
 121 61.5 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.39 ng
 RT: 10.24 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BG026382.D
 Acq: 22 Mar 2017 19:19

Tgt Ion: 93 Resp: 545989
 Ion Ratio Lower Upper
 93 100
 95 32.9 25.7 38.5
 123 12.3 8.3 12.5

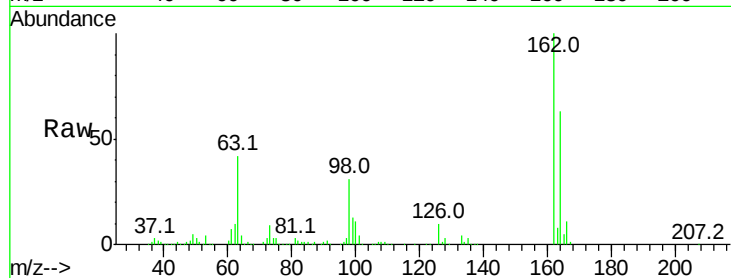




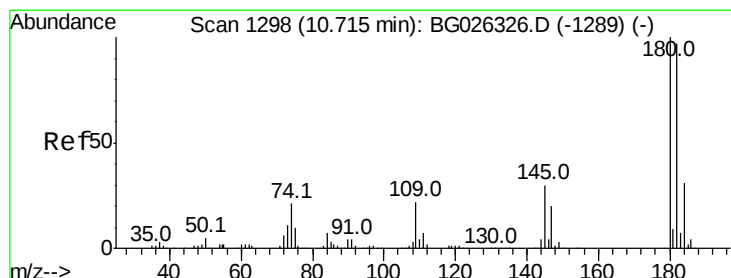
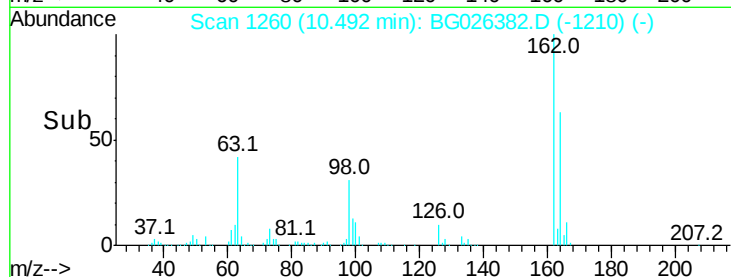
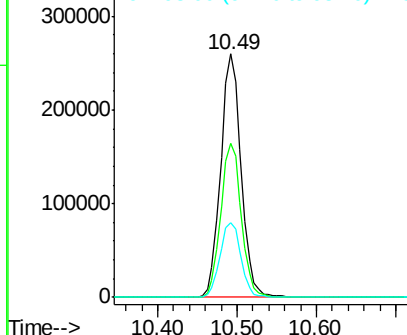
#29
 2,4-Dichlorophenol
 Concen: 53.96 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BG026382.D
 Acq: 22 Mar 2017 19:19

Instrument :
 BNA_G
 ClientSampleId :
 PB97741BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	42.4	82.4
98	30.6	20.3	60.3

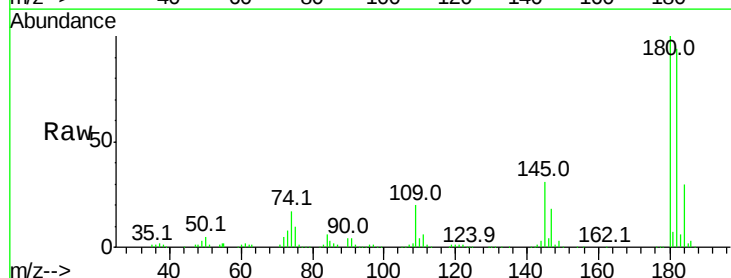


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

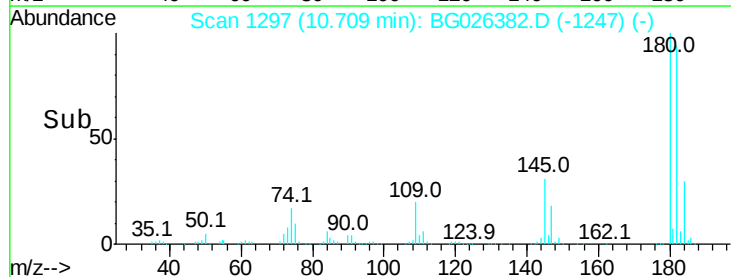
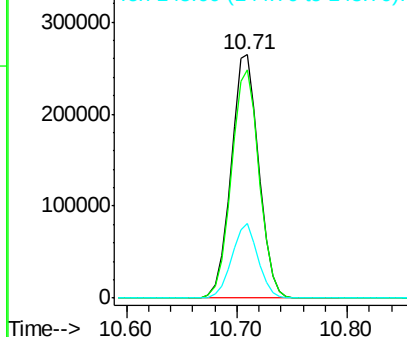


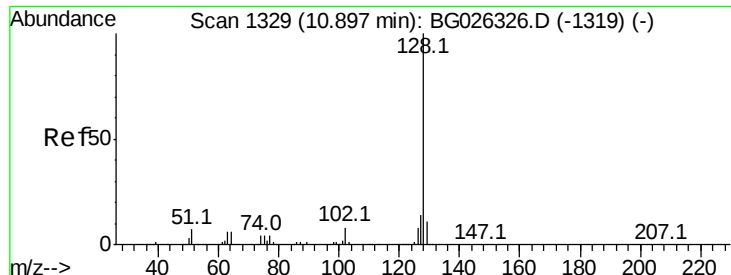
#30
 1,2,4-Trichlorobenzene
 Concen: 48.15 ng
 RT: 10.71 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BG026382.D
 Acq: 22 Mar 2017 19:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	77.0	115.4
145	30.8	23.4	35.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

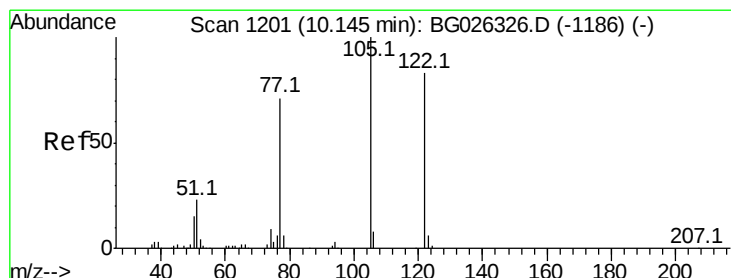
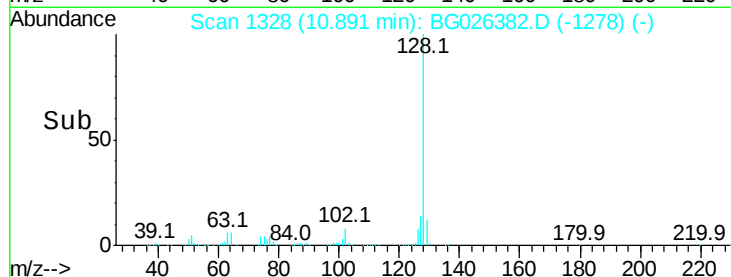
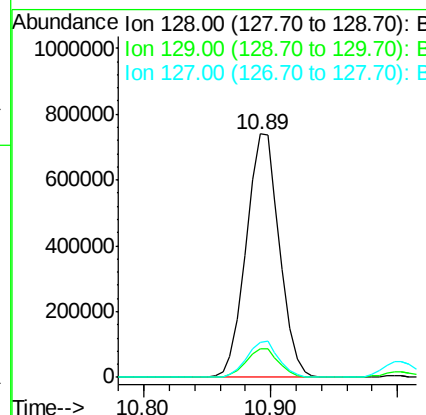
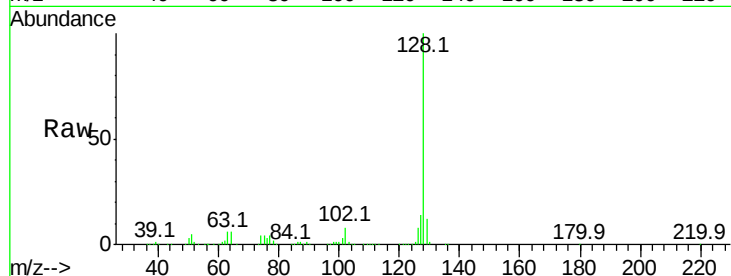




#31
Naphthalene
Concen: 44.00 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

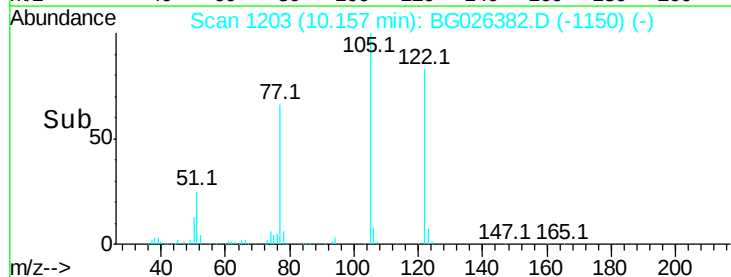
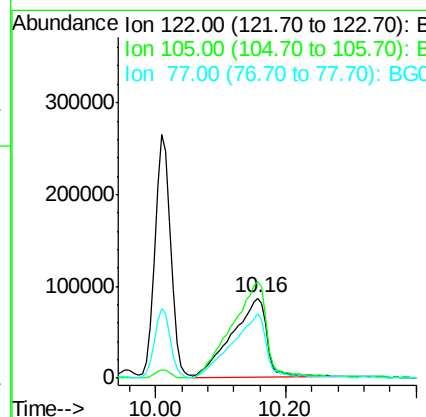
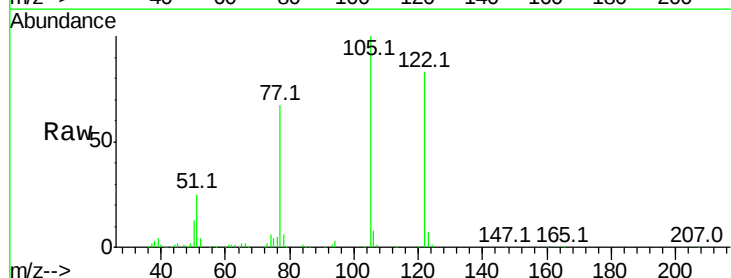
Instrument :
BNA_G
ClientSampleId :
PB97741BS

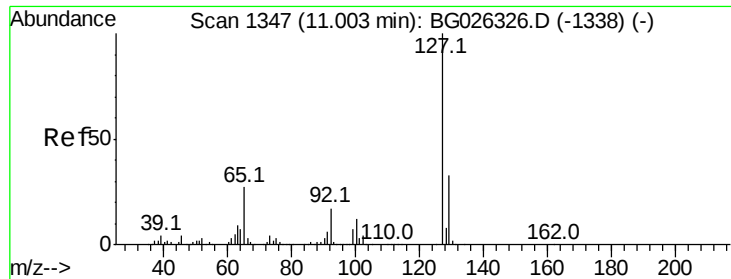
Tot Ion:128 Resp: 1343676
Ion Ratio Lower Upper
128 100
129 11.9 9.3 13.9
127 14.4 11.4 17.0



#32
Benzoic acid
Concen: 49.42 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Tgt Ion:122 Resp: 322180
Ion Ratio Lower Upper
122 100
105 120.3 120.1 160.1
77 80.1 104.6 144.6#

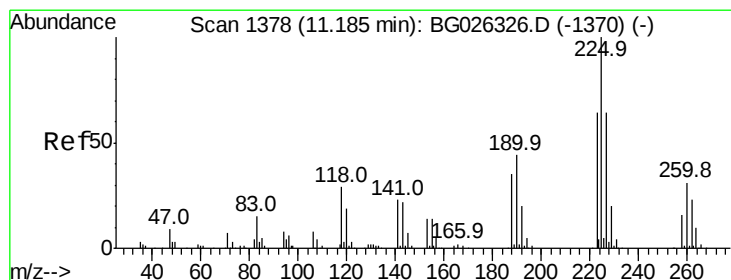
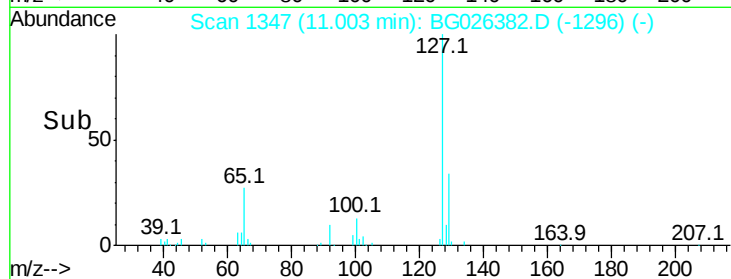
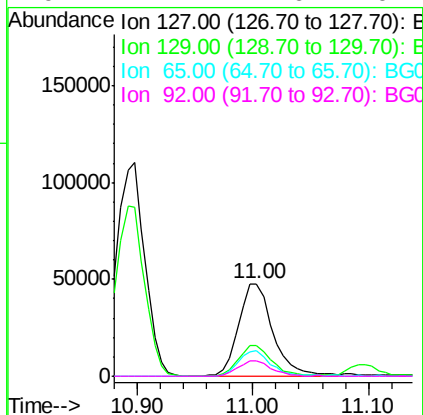
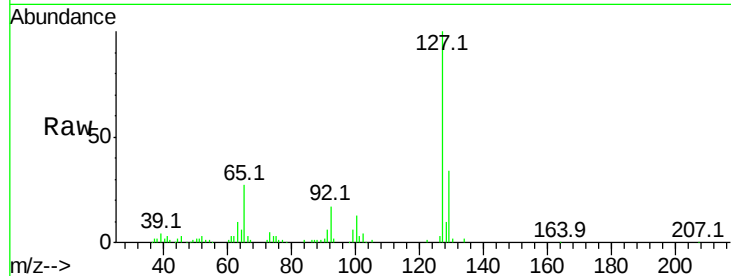




#33
4-Chloroaniline
Concen: 7.85 ng
RT: 11.00 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

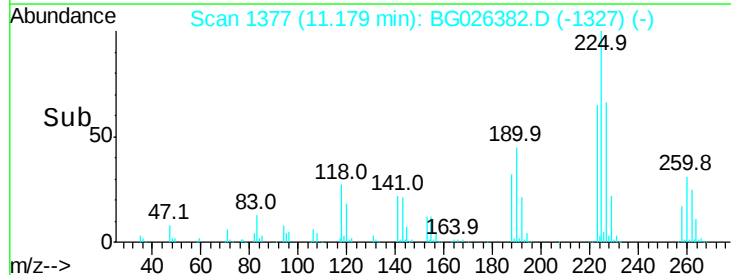
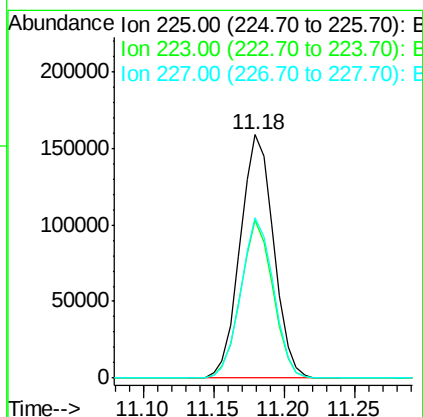
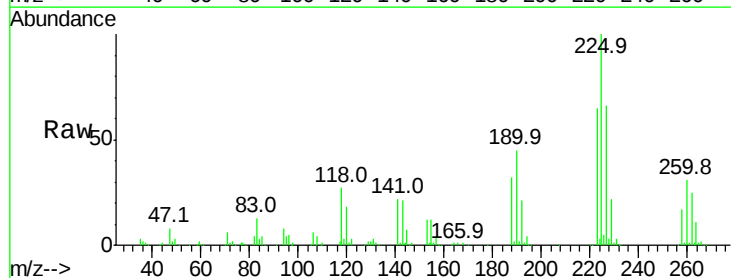
Instrument :
BNA_G
ClientSampleId :
PB97741BS

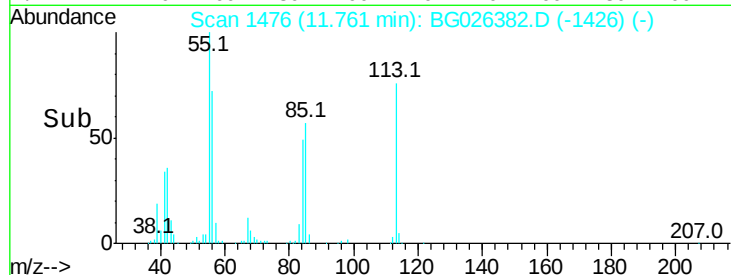
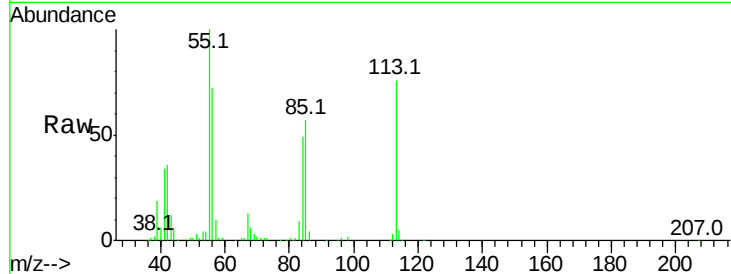
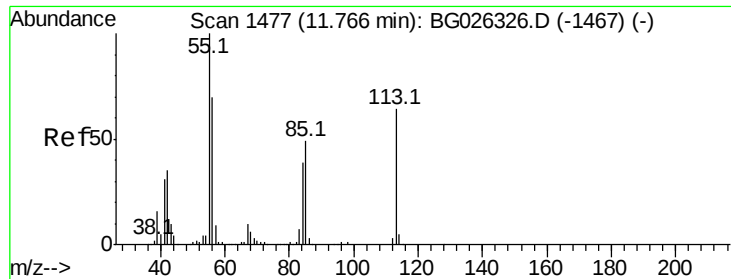
Tot Ion:	127	Resp:	97539
Ion	Ratio	Lower	Upper
127	100		
129	33.5	23.6	35.4
65	27.3	37.7	56.5#
92	17.1	17.6	26.4#



#34
Hexachlorobutadiene
Concen: 46.36 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Tgt Ion:	225	Resp:	263240
Ion	Ratio	Lower	Upper
225	100		
223	64.7	50.7	76.1
227	65.8	49.0	73.6





#35

Caprolactam

Concen: 25.27 ng

RT: 11.76 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Instrument :

BNA_G

ClientSampleId :

PB97741BS

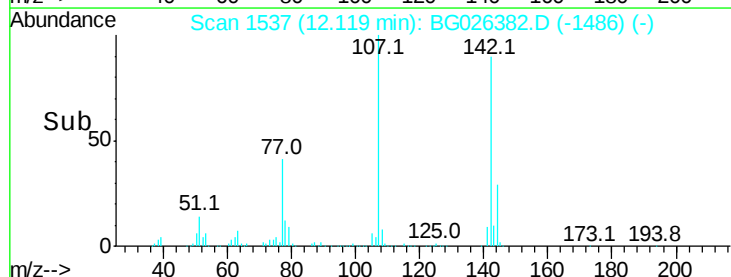
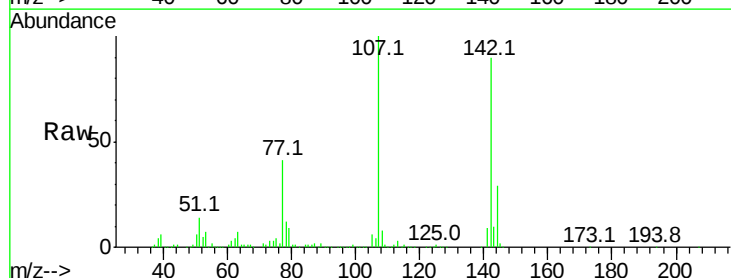
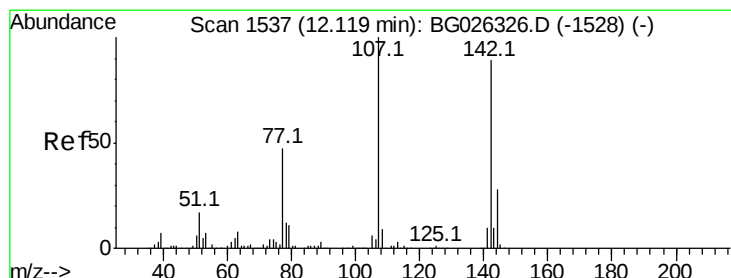
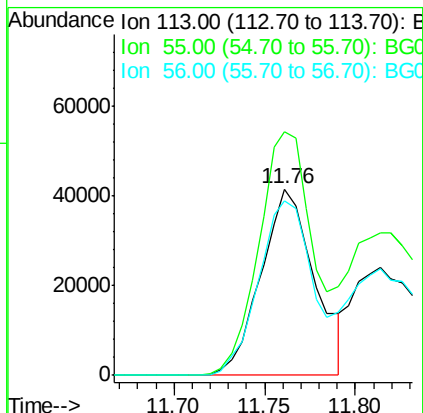
Tot Ion:113 Resp: 85292

Ion Ratio Lower Upper

113 100

55 130.8 198.6 238.6#

56 94.0 140.4 180.4#



#36

4-Chloro-3-methylphenol

Concen: 50.61 ng

RT: 12.12 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

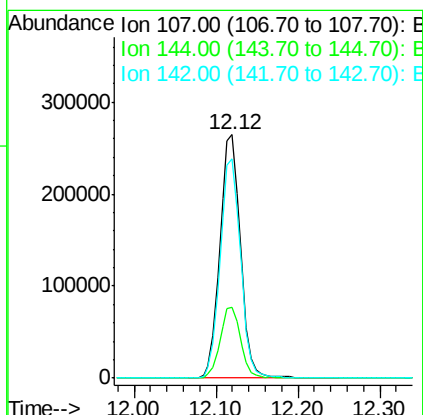
Tgt Ion:107 Resp: 463800

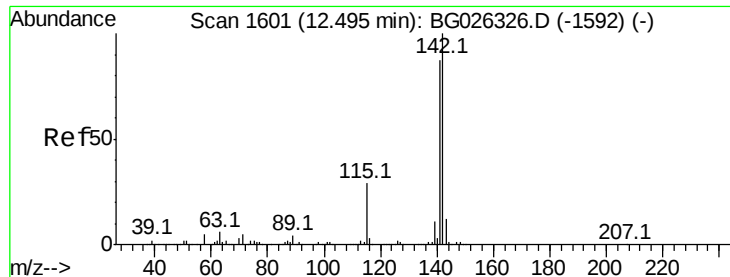
Ion Ratio Lower Upper

107 100

144 29.3 17.4 26.0#

142 90.2 54.1 81.1#





#37

2-Methylnaphthalene

Concen: 47.27 ng

RT: 12.49 min Scan# 1600

Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Instrument :

BNA_G

ClientSampleId :

PB97741BS

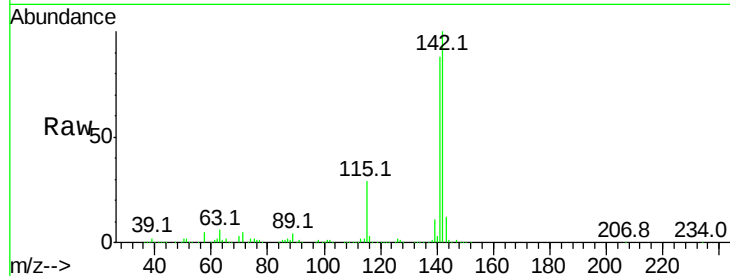
Tot Ion:142 Resp: 1057426

Ion Ratio Lower Upper

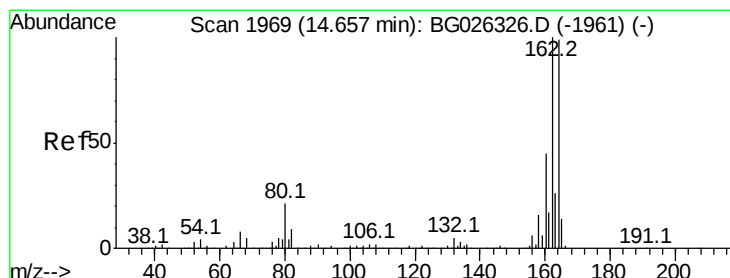
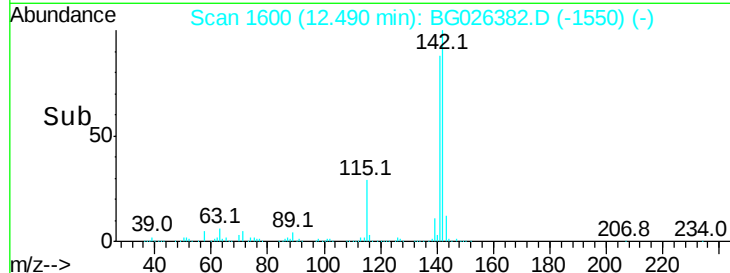
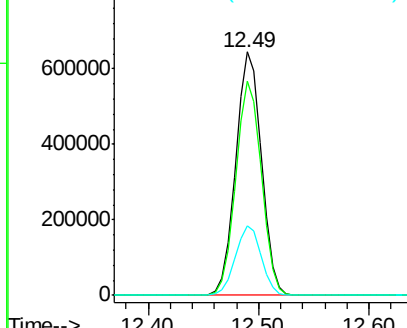
142 100

141 87.9 70.4 105.6

115 28.7 35.5 53.3#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

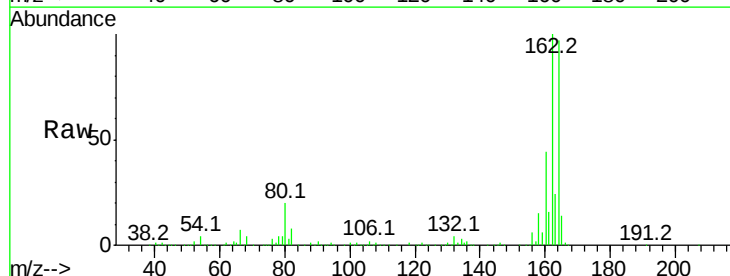
Tgt Ion:164 Resp: 364636

Ion Ratio Lower Upper

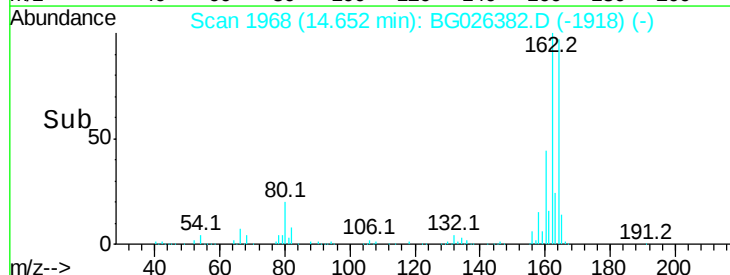
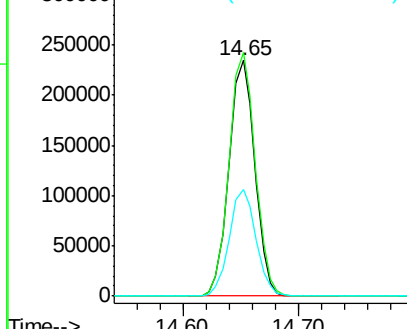
164 100

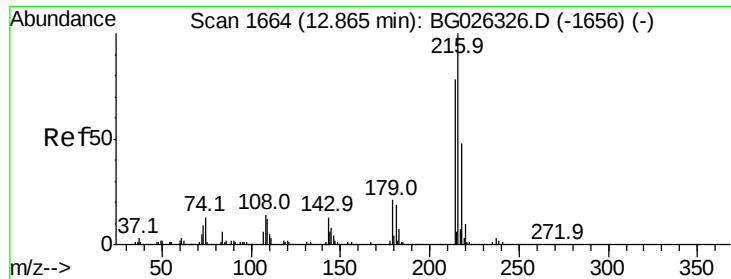
162 103.5 85.1 127.7

160 45.5 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

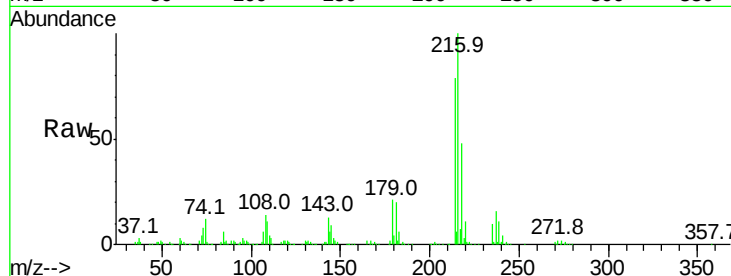




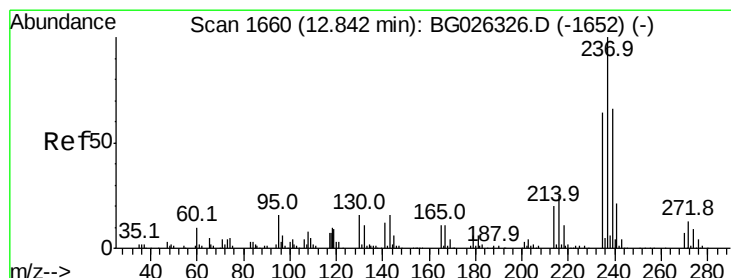
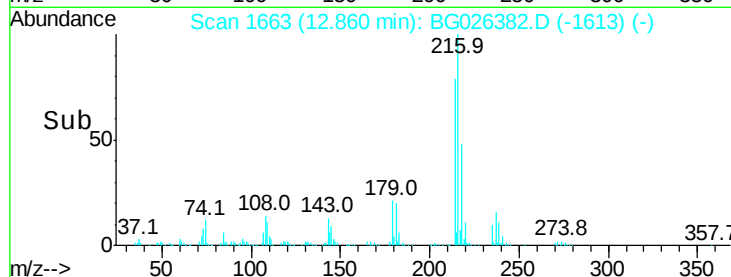
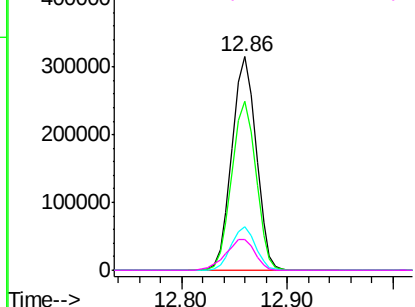
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.44 ng
 RT: 12.86 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: BG026382.D
 Acq: 22 Mar 2017 19:19

Instrument :
 BNA_G
 ClientSampleId :
 PB97741BS

Tot Ion:	216	Resp:	498489
Ion	Ratio	Lower	Upper
216	100		
214	79.1	64.4	96.6
179	20.3	17.4	26.0
108	17.3	15.6	23.4

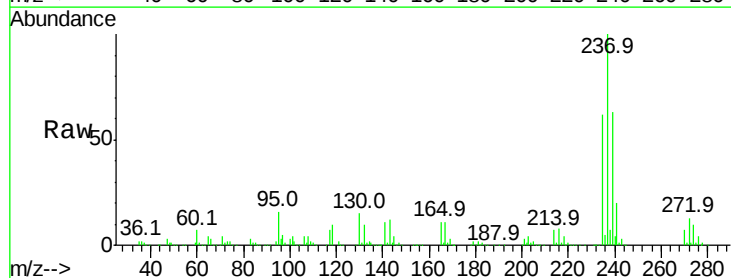


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

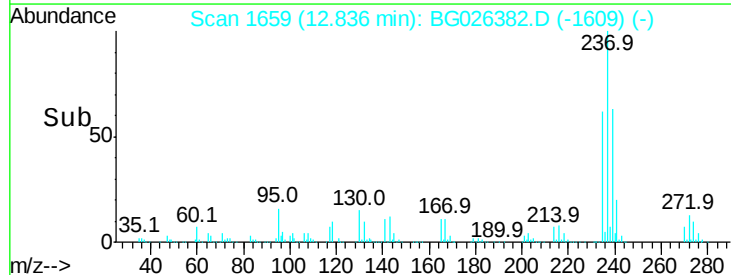
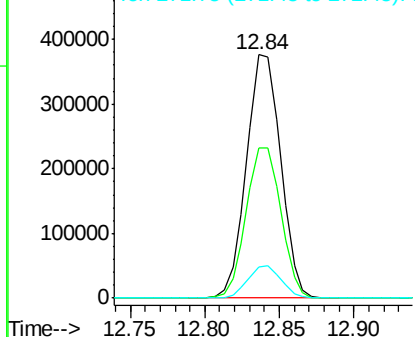


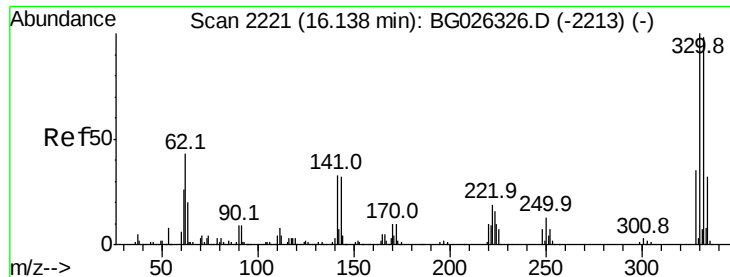
#40
 Hexachlorocyclopentadiene
 Concen: 103.25 ng
 RT: 12.84 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BG026382.D
 Acq: 22 Mar 2017 19:19

Tgt Ion:	237	Resp:	596278
Ion	Ratio	Lower	Upper
237	100		
235	61.7	39.4	79.4
272	12.6	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

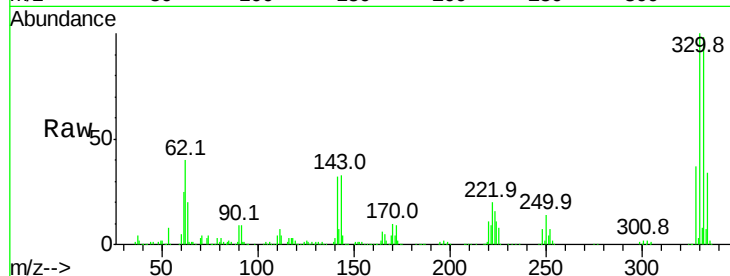




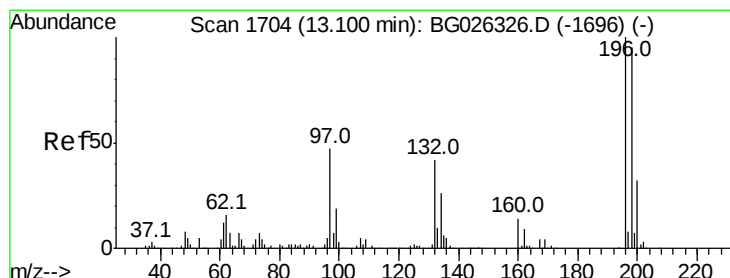
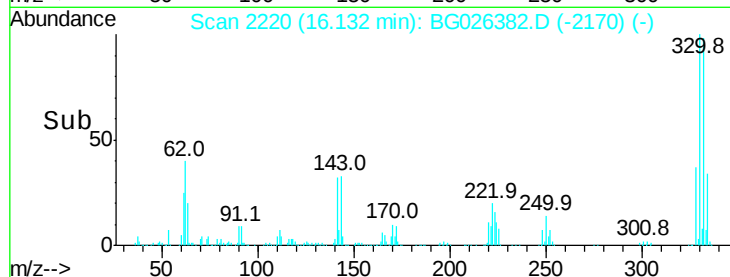
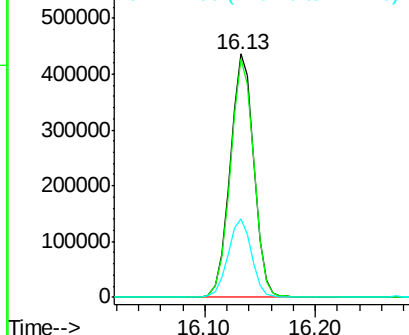
#41
 2,4,6-Tribromophenol
 Concen: 157.33 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG026382.D
 Acq: 22 Mar 2017 19:19

Instrument :
 BNA_G
 ClientSampleId :
 PB97741BS

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

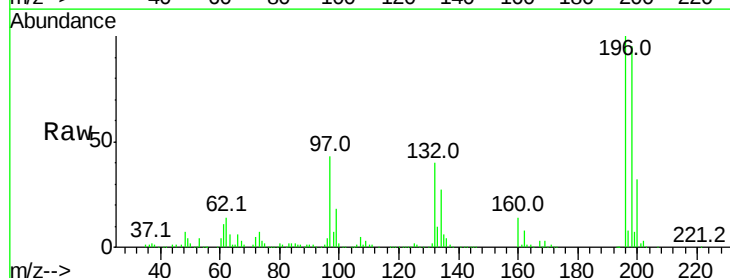


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

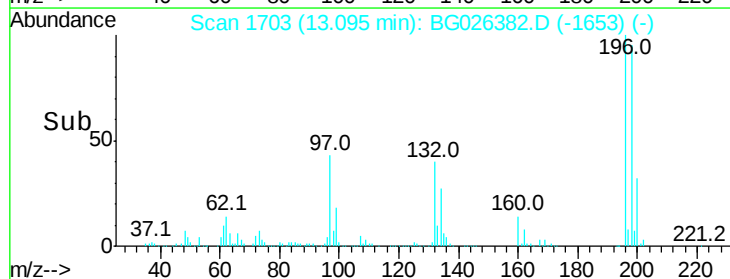
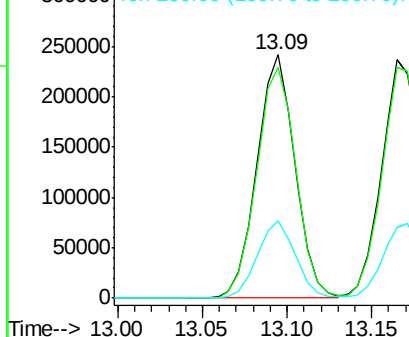


#42
 2,4,6-Trichlorophenol
 Concen: 52.59 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG026382.D
 Acq: 22 Mar 2017 19:19

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	81.4	122.2
200	31.5	27.0	40.6



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

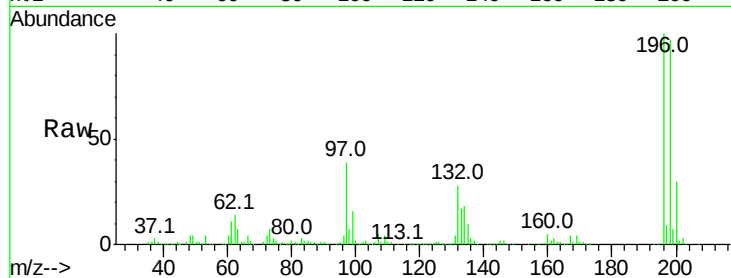




#43
 2,4,5-Trichlorophenol
 Concen: 49.40 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BG026382.D
 Acq: 22 Mar 2017 19:19

Instrument :
 BNA_G
 ClientSampleId :
 PB97741BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.2	79.9	119.9
97	39.2	45.4	68.0
132	28.2	20.7	31.1



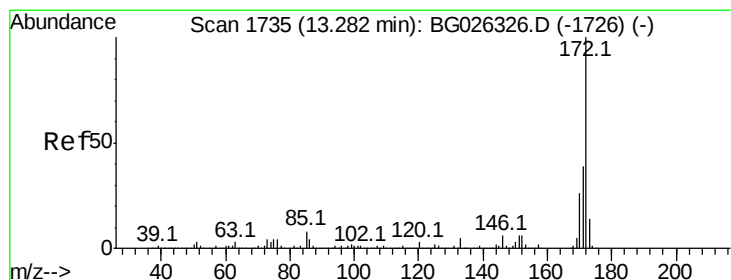
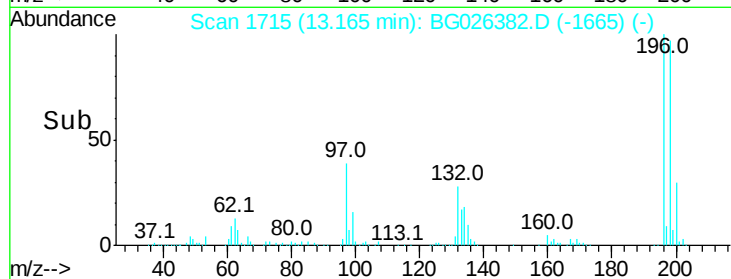
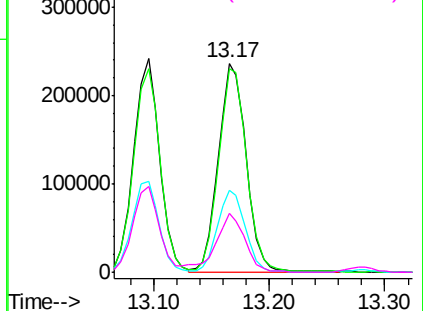
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

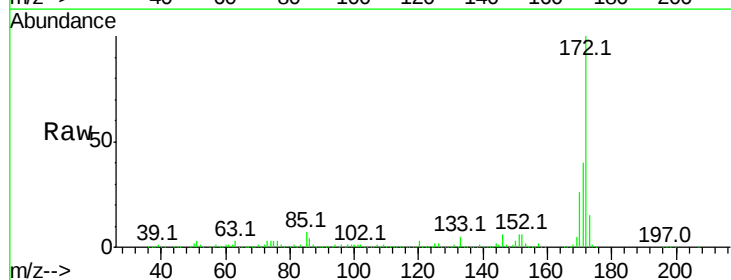
Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.13 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG026382.D
 Acq: 22 Mar 2017 19:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.9	32.2	48.2
170	26.4	21.8	32.6

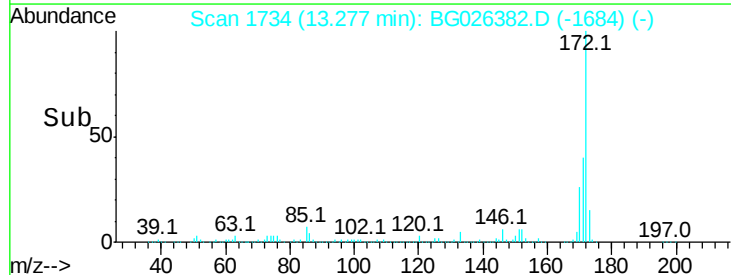
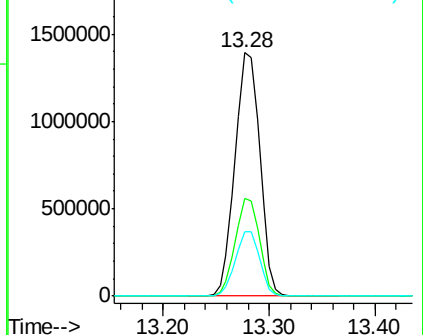


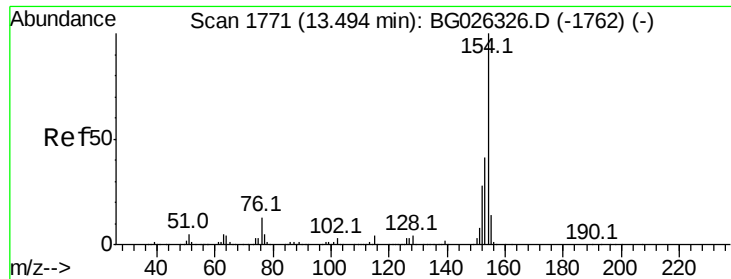
Abundance

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: 44.89 ng

RT: 13.49 min Scan# 1770

Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Instrument :

BNA_G

ClientSampleId :

PB97741BS

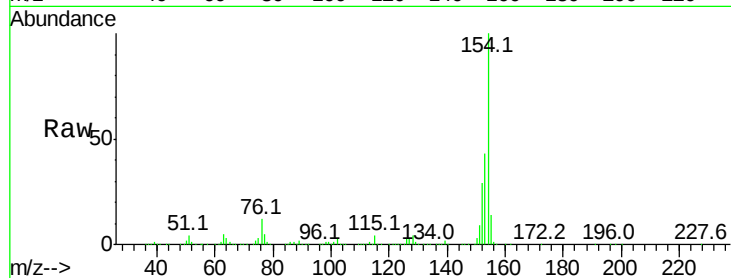
Tot Ion:154 Resp: 1355642

Ion Ratio Lower Upper

154 100

153 42.9 23.0 63.0

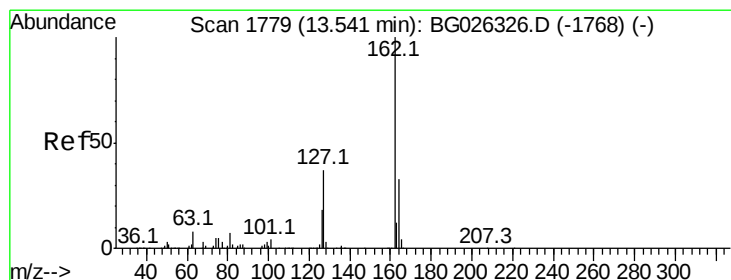
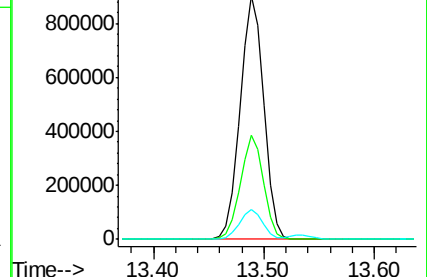
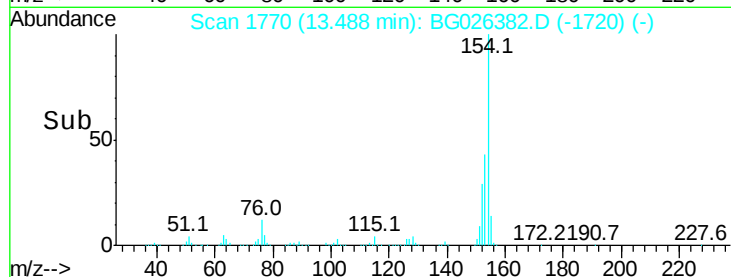
76 12.2 0.0 33.5



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: 46.15 ng

RT: 13.54 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

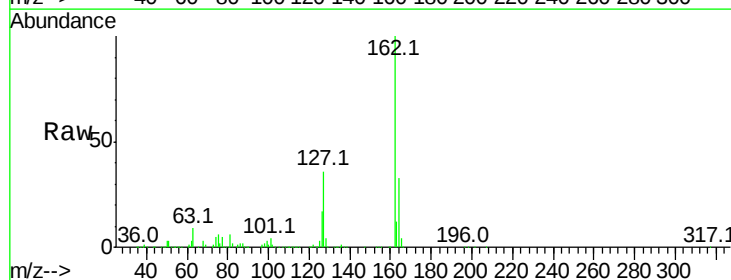
Tgt Ion:162 Resp: 1017807

Ion Ratio Lower Upper

162 100

127 36.4 32.2 48.4

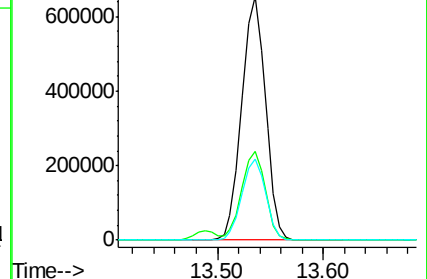
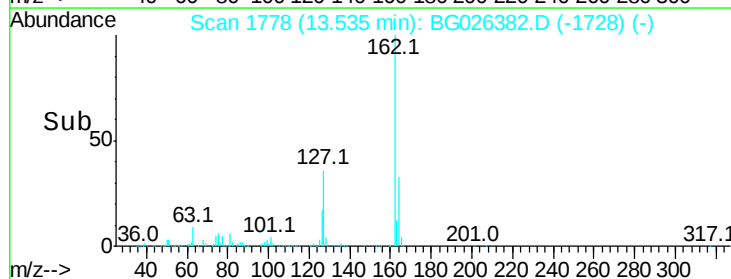
164 33.5 27.3 40.9

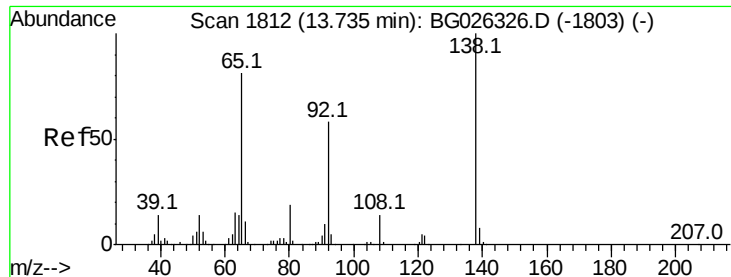


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 43.13 ng

RT: 13.73 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Instrument :

BNA_G

ClientSampleId :

PB97741BS

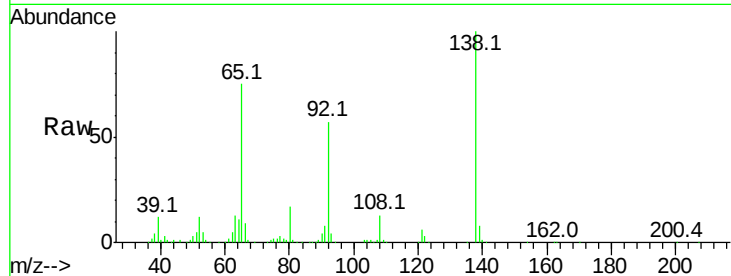
Tot Ion: 65 Resp: 270521

Ion Ratio Lower Upper

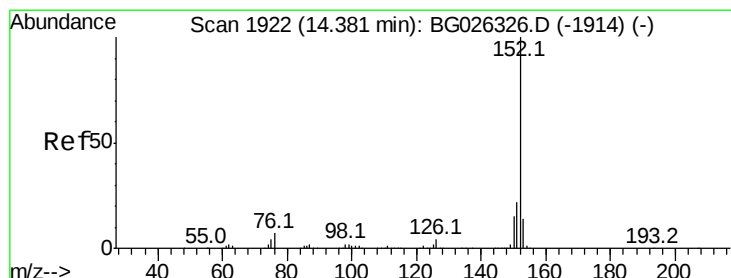
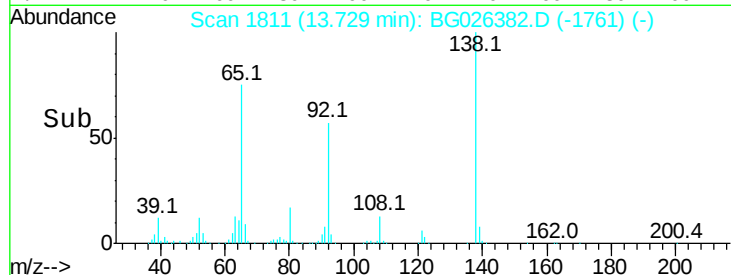
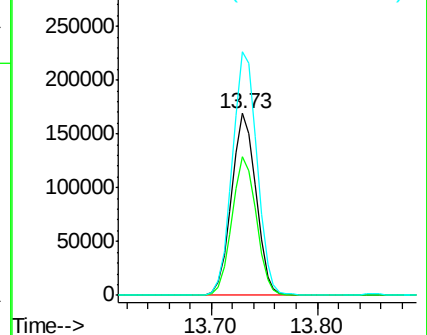
65 100

92 76.3 49.0 73.4#

138 133.9 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: 43.98 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

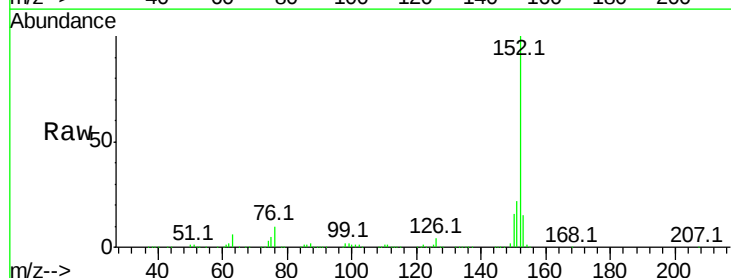
Tgt Ion: 152 Resp: 1690941

Ion Ratio Lower Upper

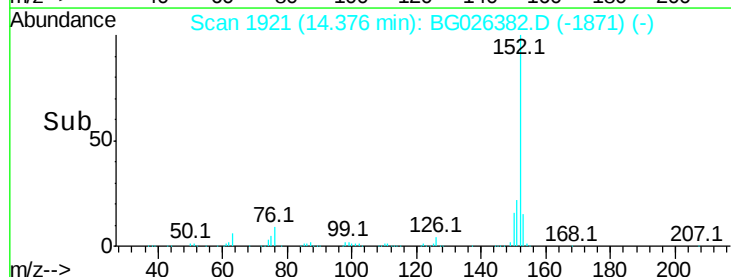
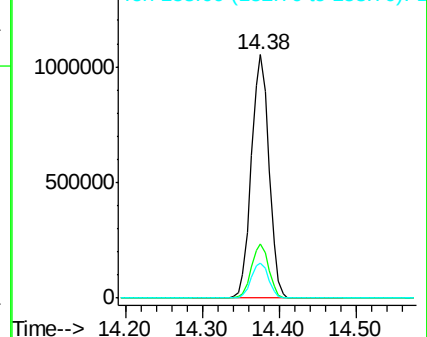
152 100

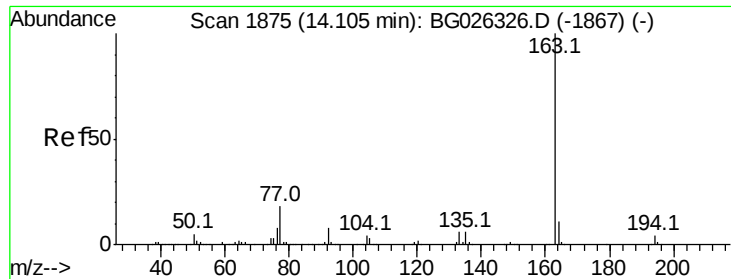
151 22.1 18.2 27.2

153 14.5 11.3 16.9



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

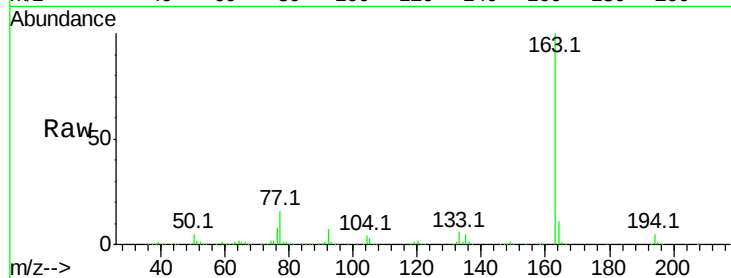




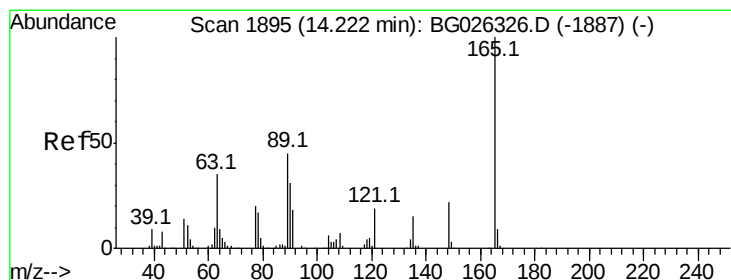
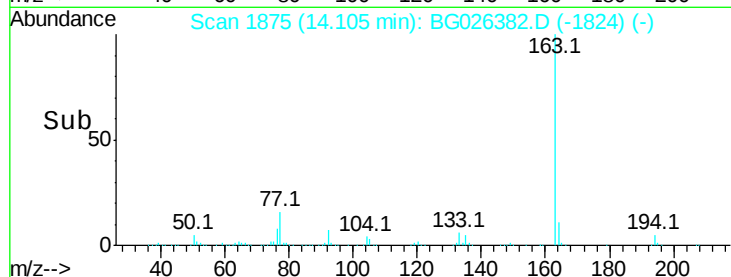
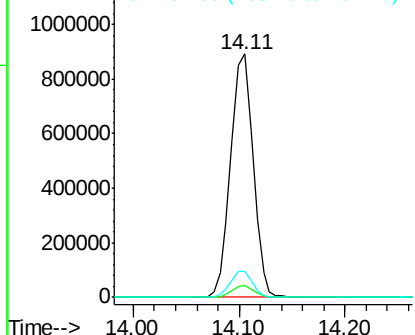
#49
Dimethylphthalate
Concen: 47.82 ng
RT: 14.11 min Scan# 1875
Delta R.T. 0.00 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Instrument :
BNA_G
ClientSampleId :
PB97741BS

Tot Ion:163 Resp: 1316167
Ion Ratio Lower Upper
163 100
194 4.8 3.8 5.6
164 10.9 9.3 13.9

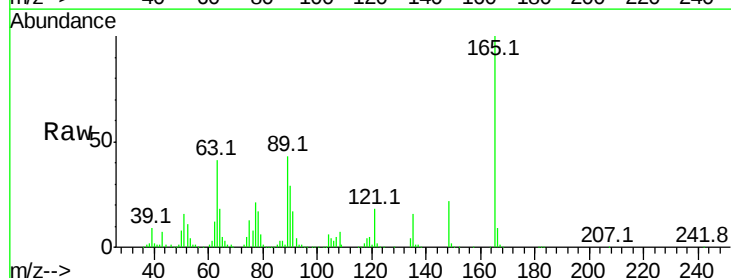


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

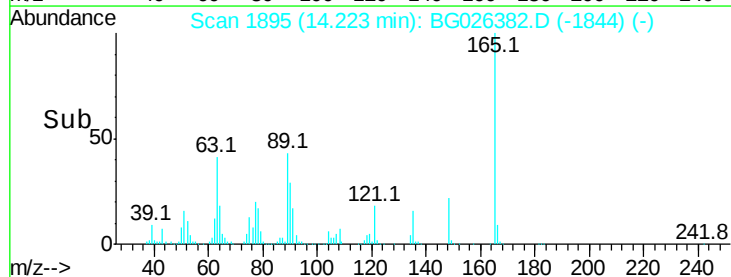
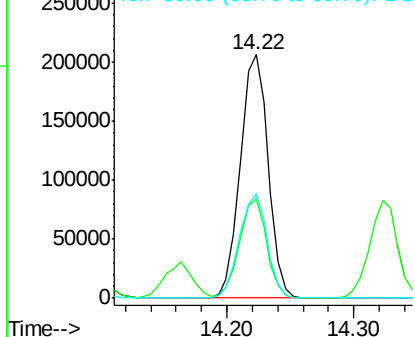


#50
2,6-Dinitrotoluene
Concen: 48.87 ng
RT: 14.22 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Tgt Ion:165 Resp: 313933
Ion Ratio Lower Upper
165 100
63 40.6 63.9 95.9#
89 42.5 58.6 88.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 44.86 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Instrument :

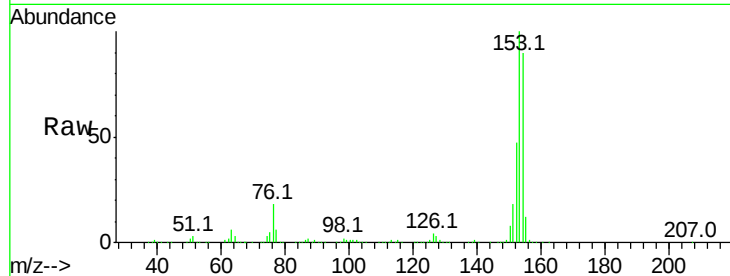
BNA_G

ClientSampleId :

PB97741BS

Tot Ion:154 Resp: 1062187

Ion	Ratio	Lower	Upper
154	100		
153	111.6	87.8	131.6
152	52.5	42.2	63.4

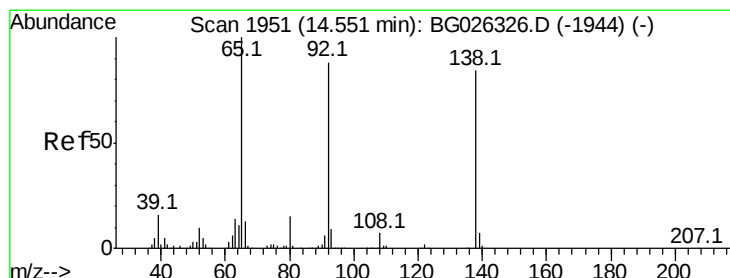
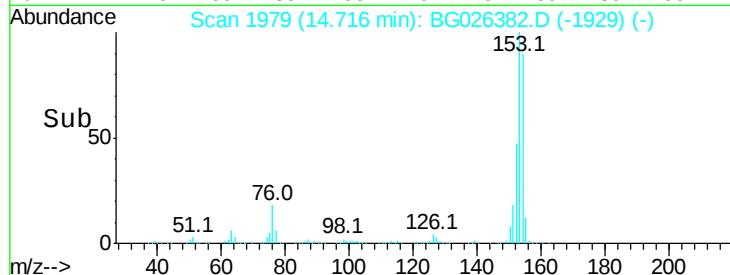
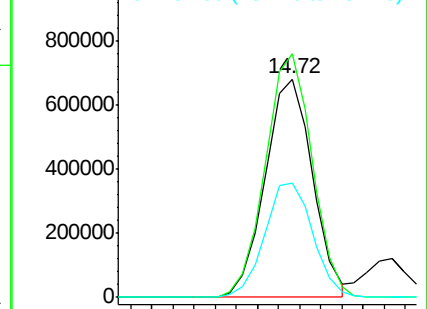


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 14.50 ng

RT: 14.55 min Scan# 1951

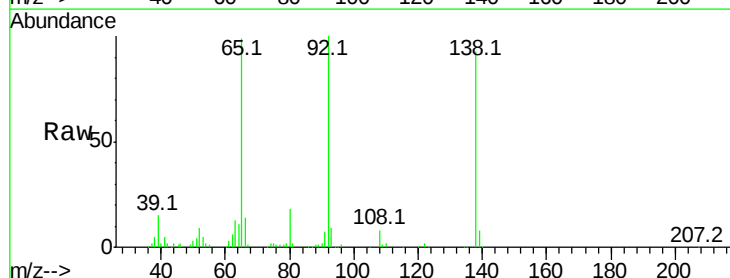
Delta R.T. 0.00 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Tgt Ion:138 Resp: 102519

Ion	Ratio	Lower	Upper
138	100		
108	8.5	10.9	16.3#
92	108.1	115.3	172.9#

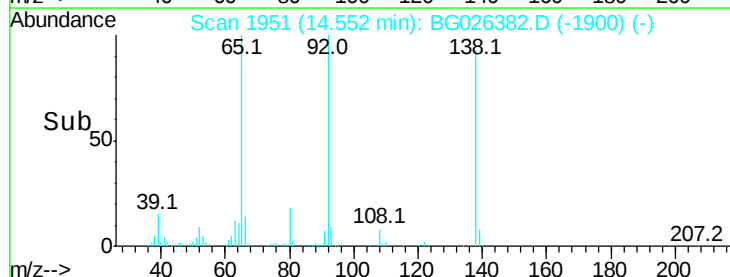
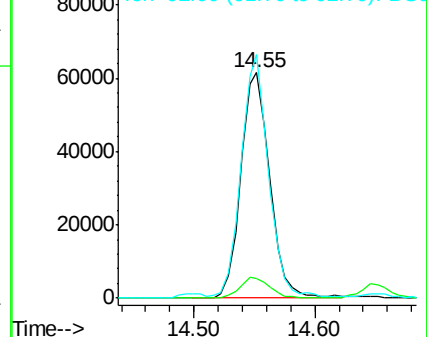


Abundance

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: 99.43 ng

RT: 14.76 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Instrument :

BNA_G

ClientSampleId :

PB97741BS

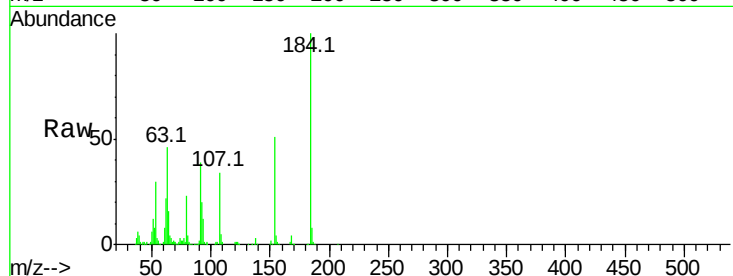
Tot Ion:184 Resp: 370500

Ion Ratio Lower Upper

184 100

63 46.4 52.7 79.1#

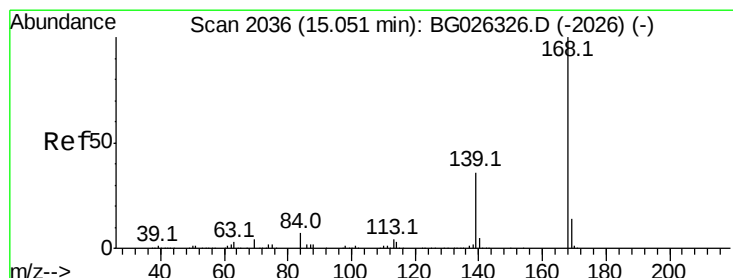
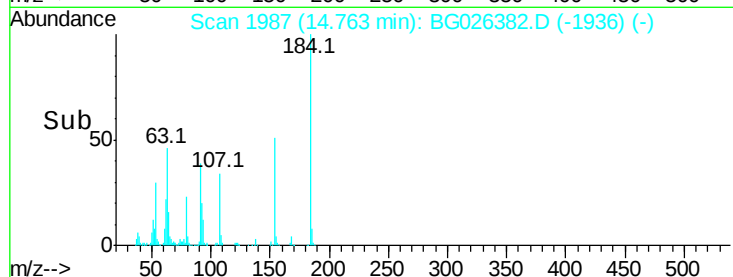
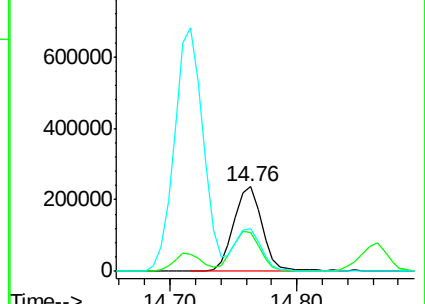
154 50.9 57.3 85.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 48.83 ng

RT: 15.05 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

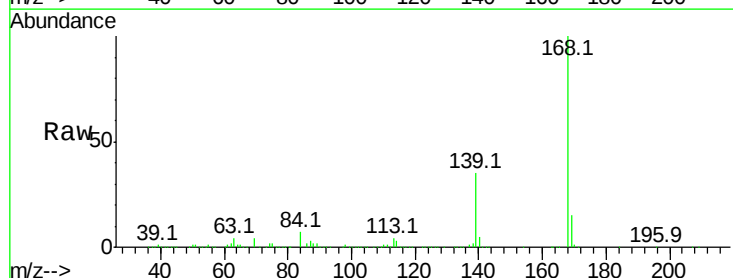
Tgt Ion:168 Resp: 1627895

Ion Ratio Lower Upper

168 100

139 35.5 35.3 52.9

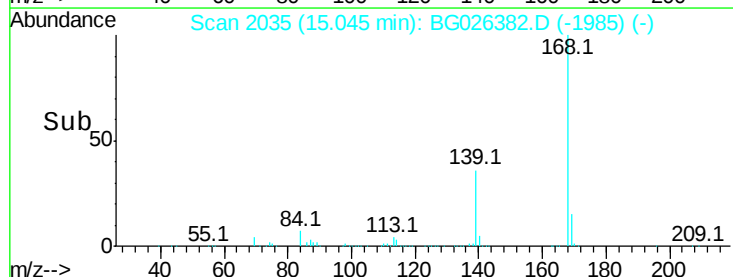
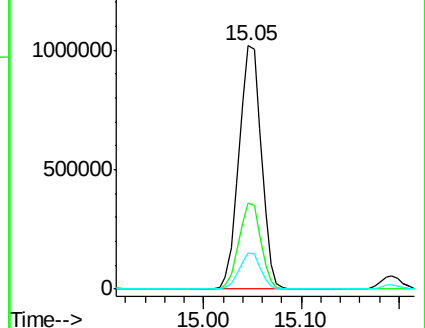
169 14.9 11.5 17.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 99.25 ng

RT: 14.86 min Scan# 2004

Delta R.T. 0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Instrument :

BNA_G

ClientSampleId :

PB97741BS

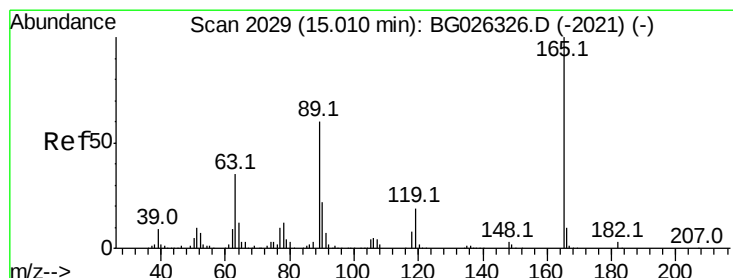
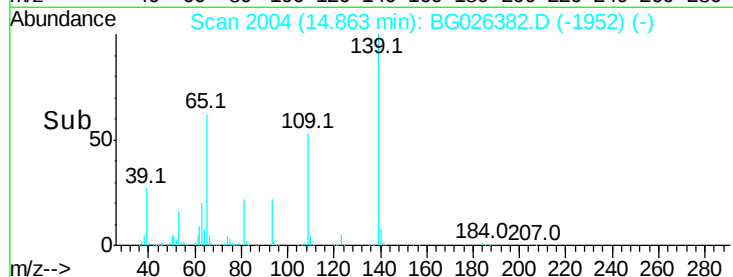
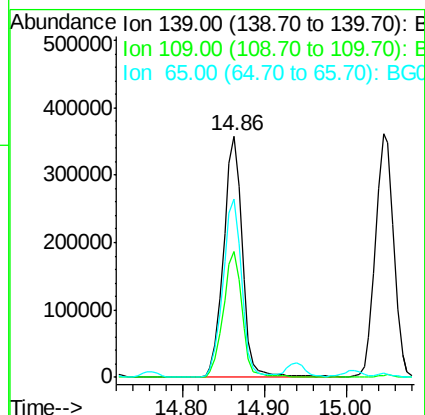
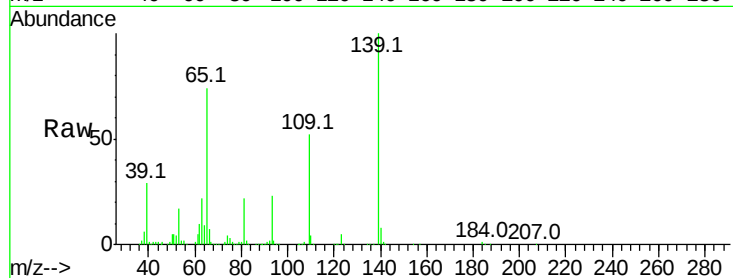
Tot Ion:139 Resp: 574846

Ion Ratio Lower Upper

139 100

109 52.1 101.2 141.2#

65 73.8 135.3 175.3#



#56

2,4-Dinitrotoluene

Concen: 50.06 ng

RT: 15.01 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Tgt Ion:165 Resp: 452304

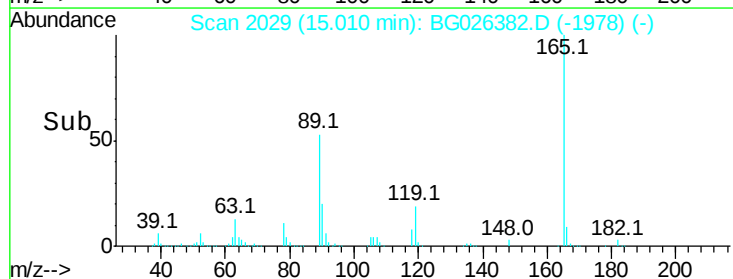
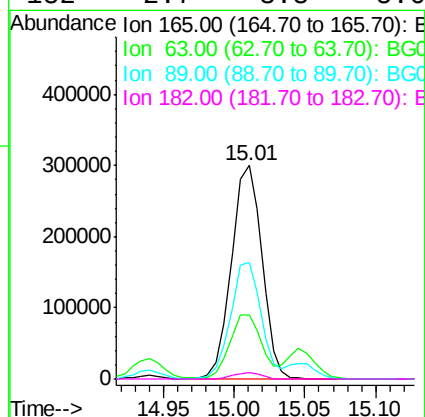
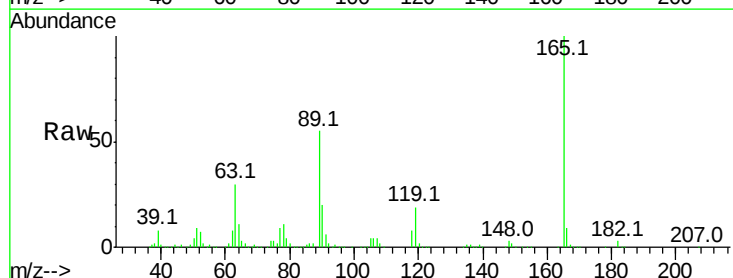
Ion Ratio Lower Upper

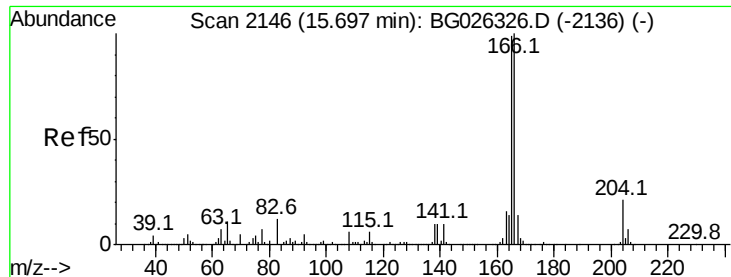
165 100

63 30.0 44.0 66.0#

89 54.6 67.3 100.9#

182 2.7 3.8 5.6#

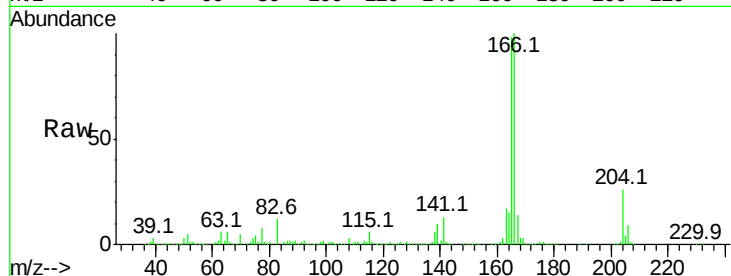




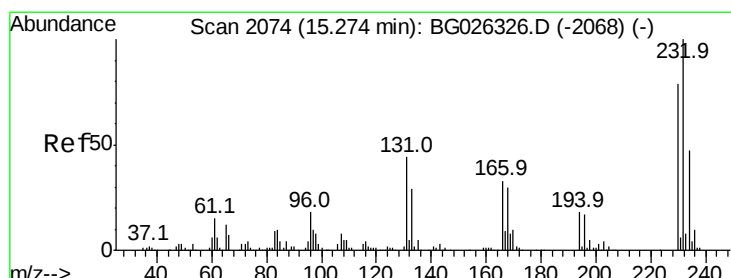
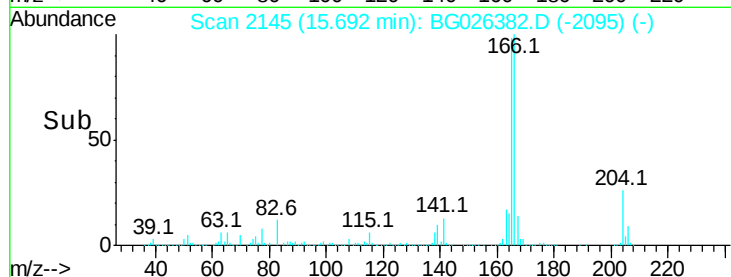
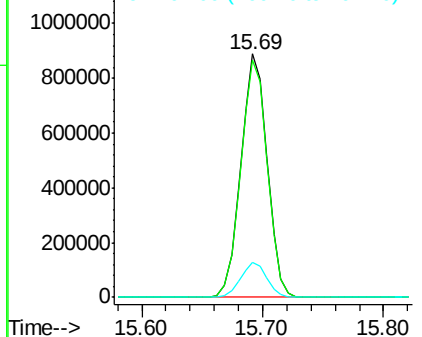
#57
 Fluorene
 Concen: 45.31 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.01 min
 Lab File: BG026382.D
 Acq: 22 Mar 2017 19:19

Instrument :
 BNA_G
 ClientSampleId :
 PB97741BS

Tot Ion:166 Resp: 1344223
 Ion Ratio Lower Upper
 166 100
 165 97.5 78.6 117.8
 167 14.4 11.6 17.4



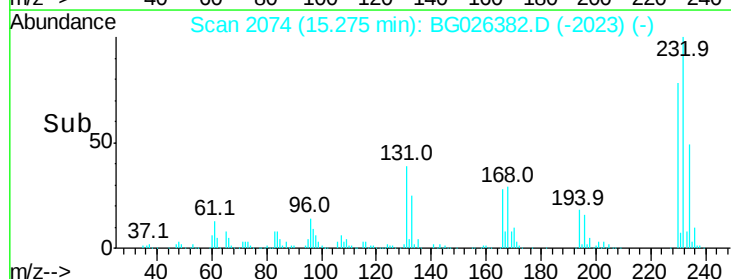
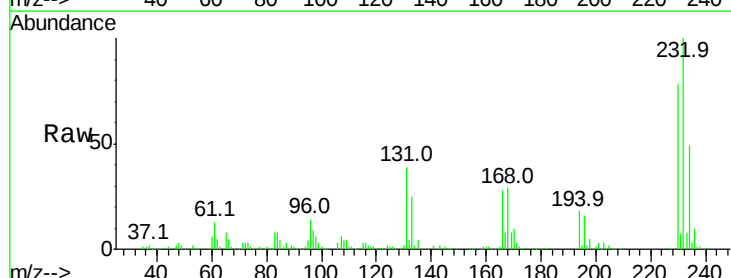
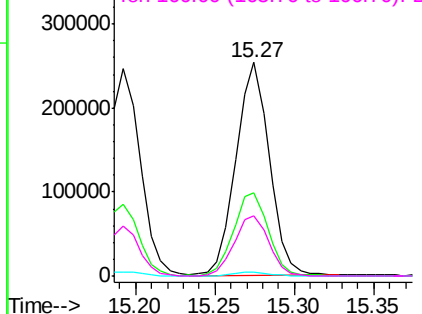
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

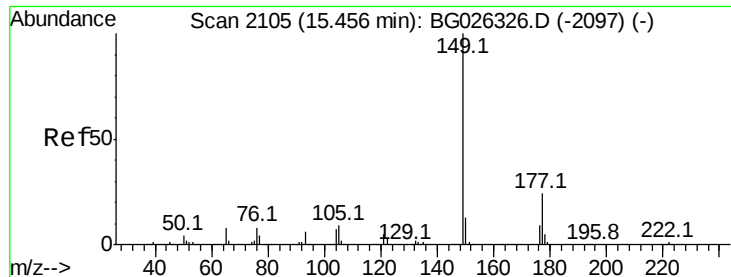


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.47 ng
 RT: 15.27 min Scan# 2074
 Delta R.T. 0.00 min
 Lab File: BG026382.D
 Acq: 22 Mar 2017 19:19

Tgt Ion:232 Resp: 370280
 Ion Ratio Lower Upper
 232 100
 131 40.1 34.9 52.3
 130 2.1 2.3 3.5#
 166 30.0 24.2 36.4

Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

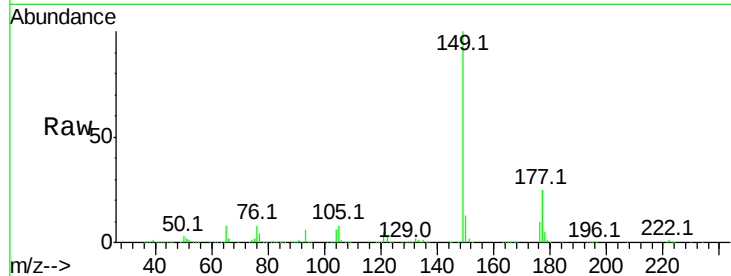




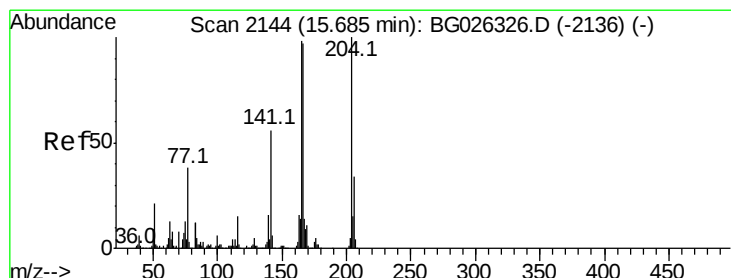
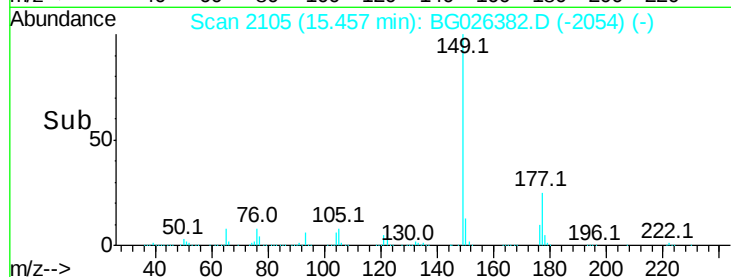
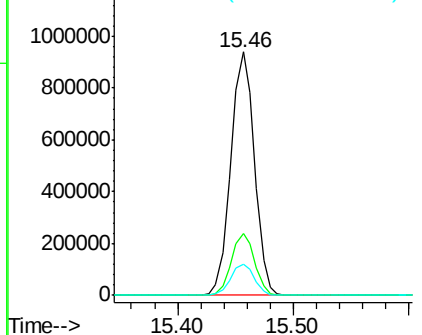
#59
Diethylphthalate
Concen: 47.19 ng
RT: 15.46 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Instrument :
BNA_G
ClientSampleId :
PB97741BS

Tot Ion:149 Resp: 1327511
Ion Ratio Lower Upper
149 100
177 25.5 20.1 30.1
150 12.9 10.2 15.2

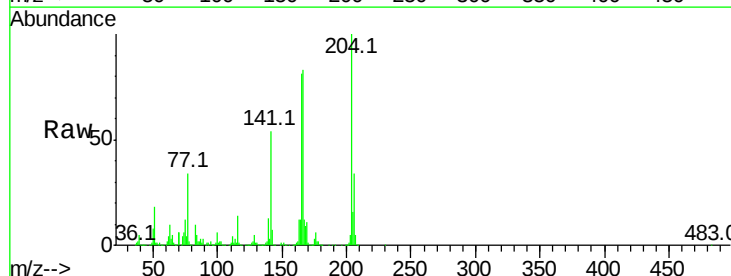


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

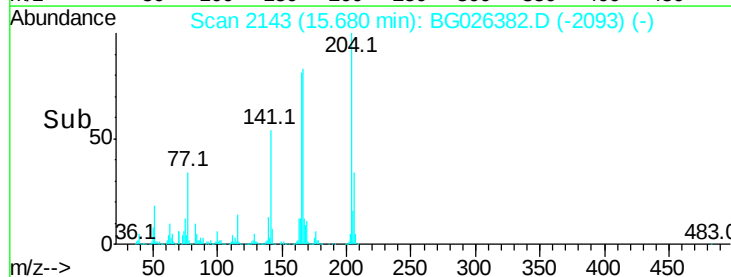
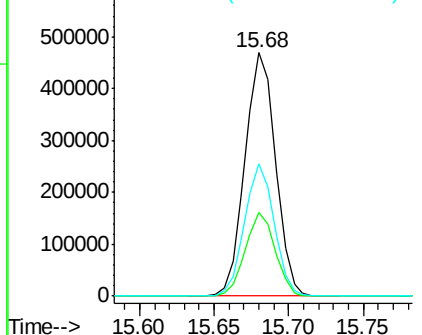


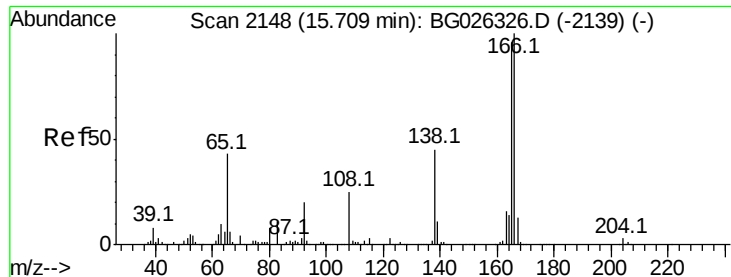
#60
4-Chlorophenyl-phenylether
Concen: 47.13 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Tgt Ion:204 Resp: 662574
Ion Ratio Lower Upper
204 100
206 34.3 30.1 45.1
141 54.2 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: 44.80 ng

RT: 15.71 min Scan# 2148

Delta R.T. 0.00 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Instrument :

BNA_G

ClientSampleId :

PB97741BS

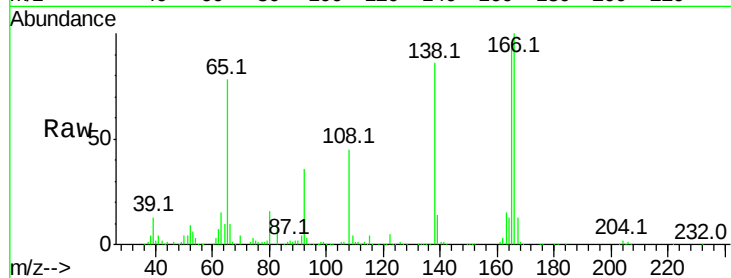
Tot Ion:138 Resp: 335146

Ion Ratio Lower Upper

138 100

92 42.4 44.2 84.2#

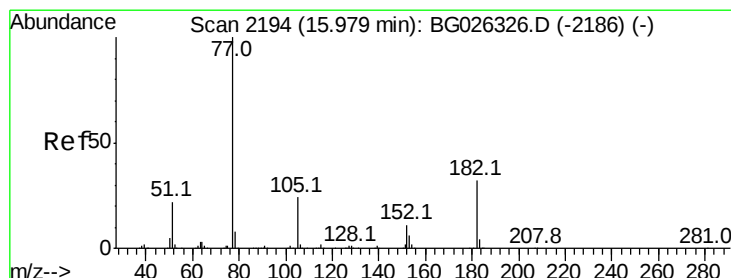
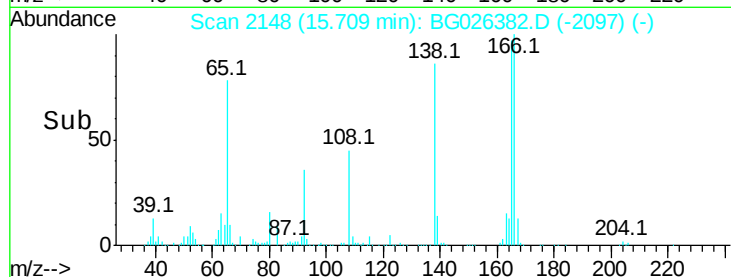
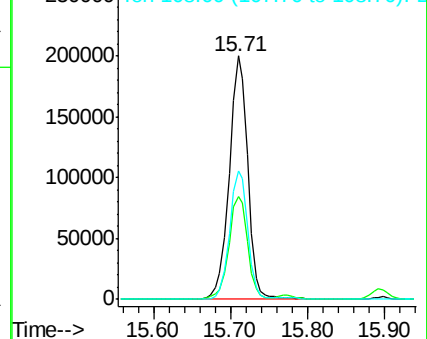
108 52.8 104.8 144.8#



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: 47.03 ng

RT: 15.97 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Tgt Ion: 77 Resp: 1075750

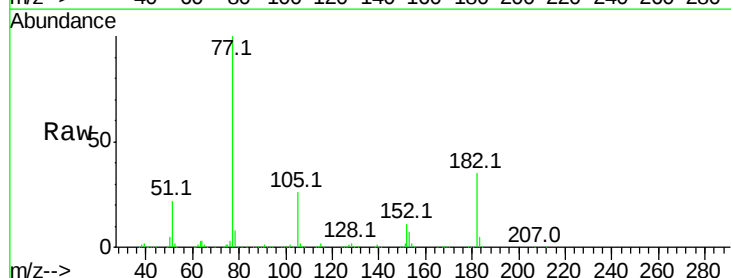
Ion Ratio Lower Upper

77 100

182 34.6 4.7 44.7

105 25.6 0.0 36.3

51 22.0 16.4 56.4

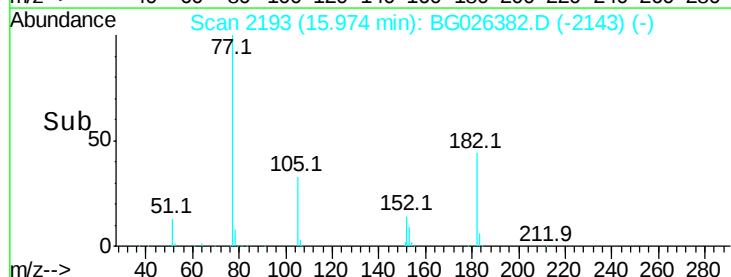
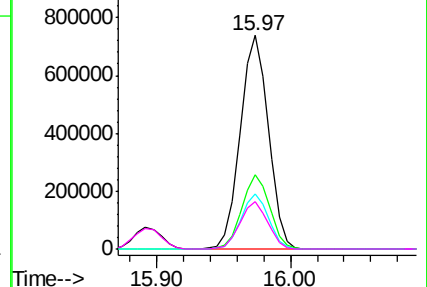


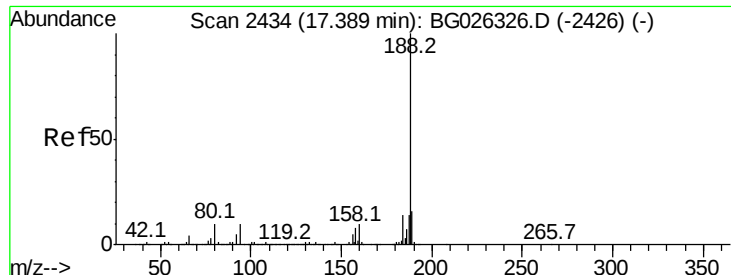
Abundance Ion 77.00 (76.70 to 77.70): BGC

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

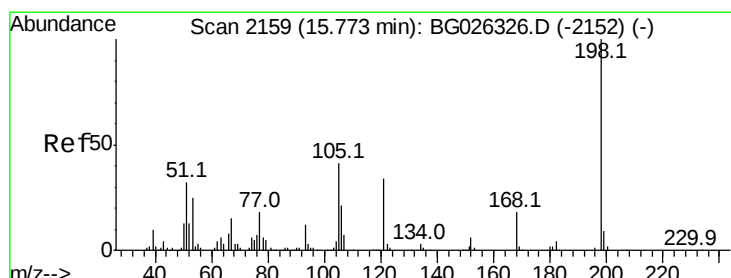
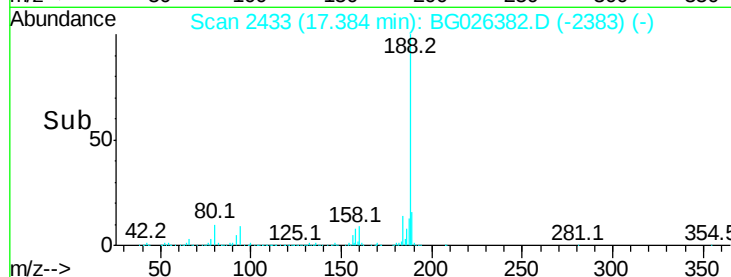
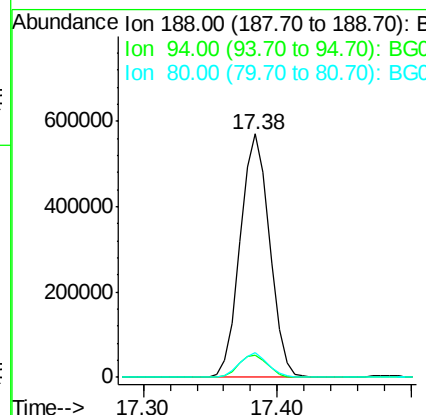
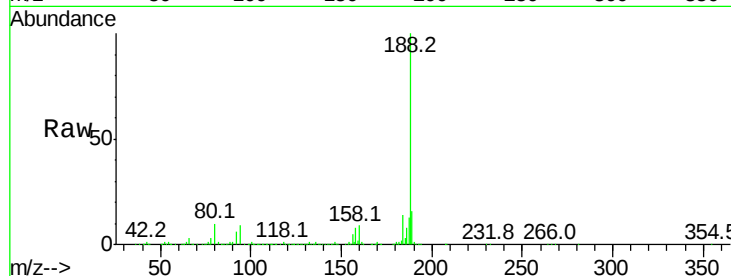




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

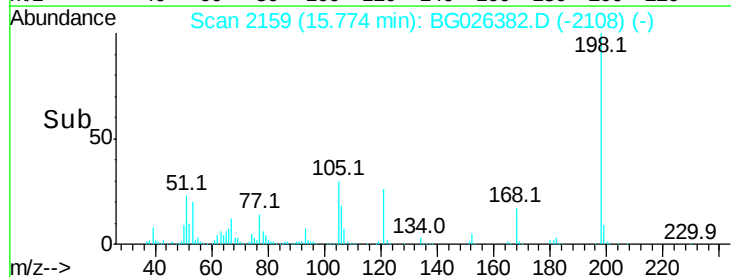
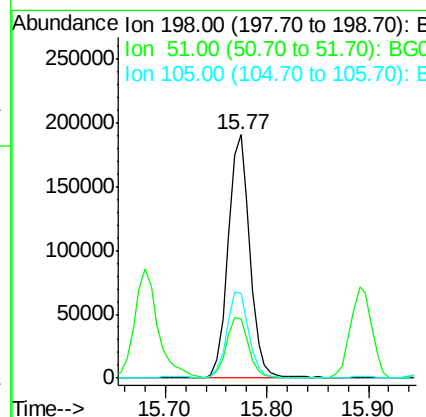
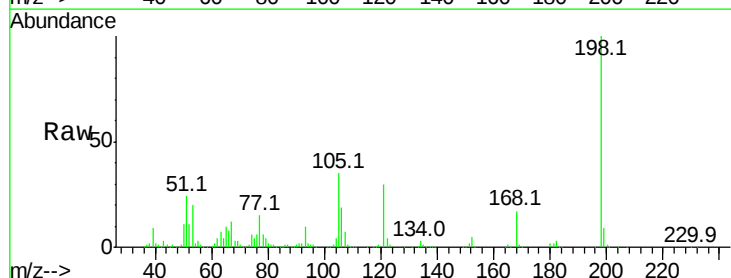
Instrument :
BNA_G
ClientSampleId :
PB97741BS

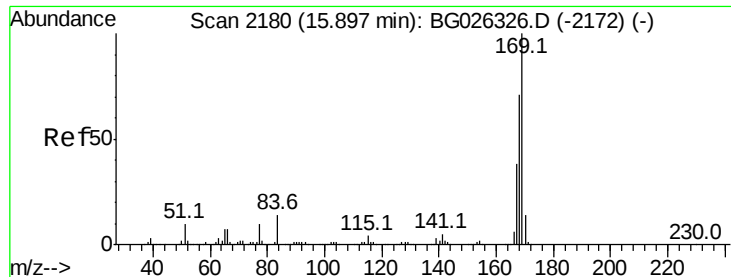
Tot Ion:188 Resp: 869530
Ion Ratio Lower Upper
188 100
94 9.3 5.8 8.8#
80 9.9 7.5 11.3



#64
4,6-Dinitro-2-methylphenol
Concen: 51.64 ng
RT: 15.77 min Scan# 2159
Delta R.T. 0.00 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Tgt Ion:198 Resp: 283090
Ion Ratio Lower Upper
198 100
51 24.2 22.6 62.6
105 35.0 14.4 54.4

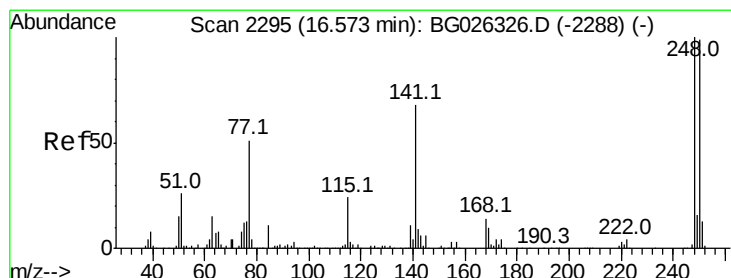
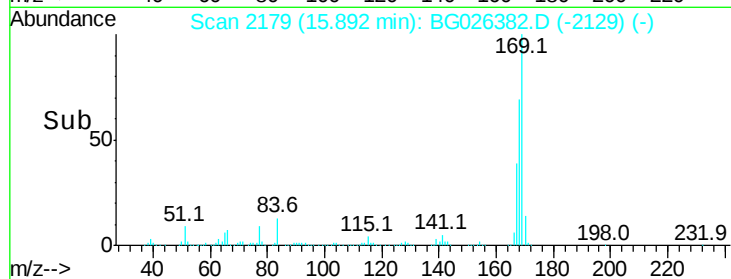
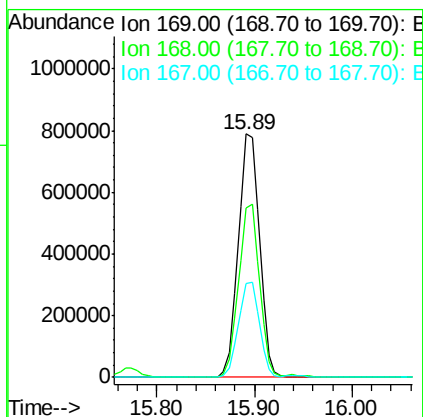
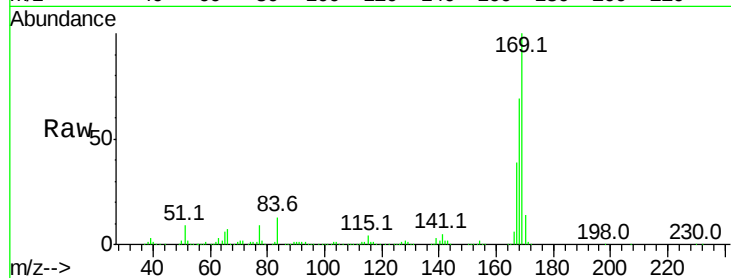




#65
 n-Nitrosodiphenylamine
 Concen: 46.93 ng
 RT: 15.89 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BG026382.D
 Acq: 22 Mar 2017 19:19

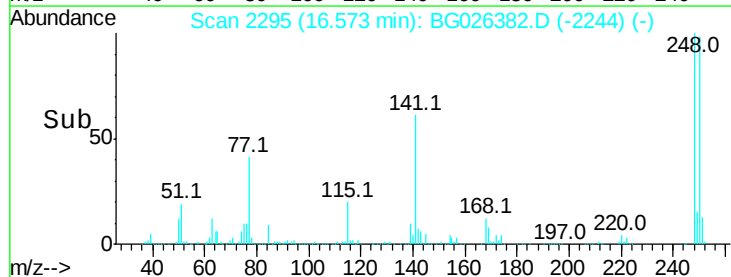
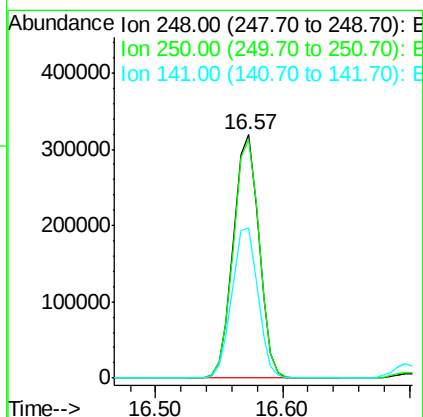
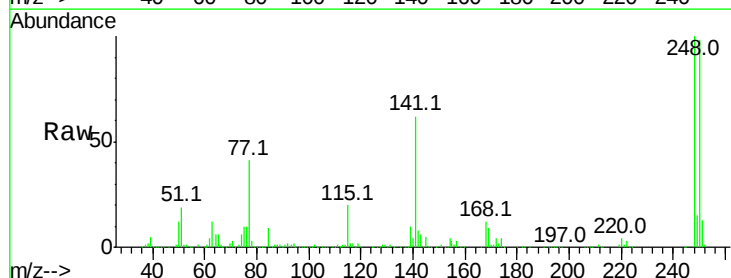
Instrument :
 BNA_G
 ClientSampleId :
 PB97741BS

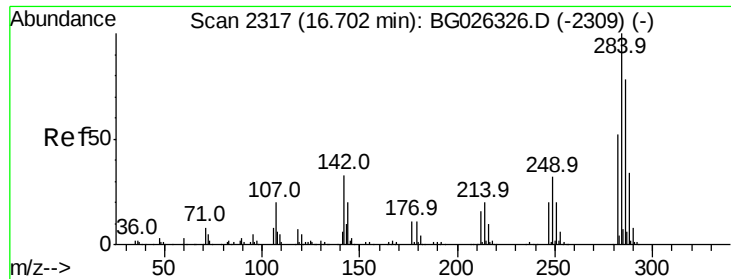
Tot Ion:169 Resp: 1197508
 Ion Ratio Lower Upper
 169 100
 168 69.5 55.7 83.5
 167 38.6 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 49.67 ng
 RT: 16.57 min Scan# 2295
 Delta R.T. 0.00 min
 Lab File: BG026382.D
 Acq: 22 Mar 2017 19:19

Tgt Ion:248 Resp: 444533
 Ion Ratio Lower Upper
 248 100
 250 97.8 75.0 112.6
 141 61.6 55.2 82.8

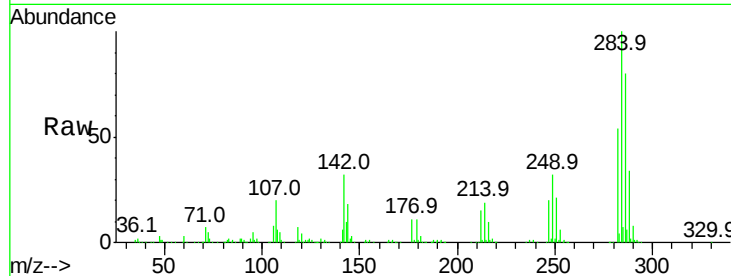




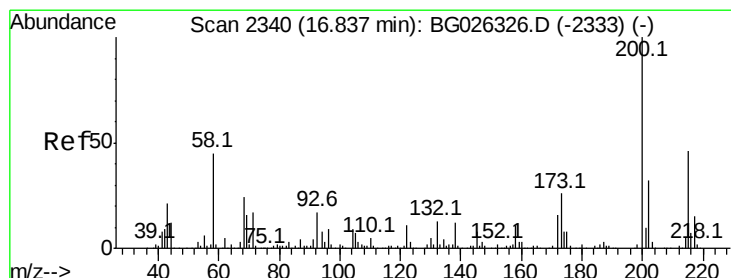
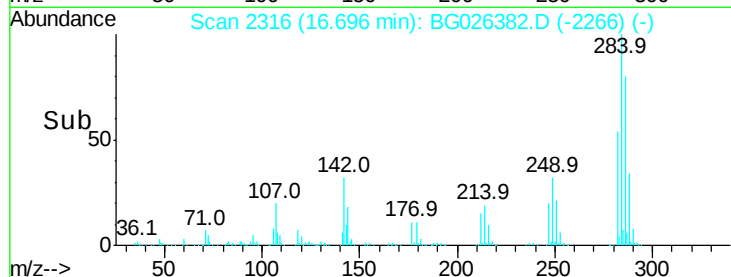
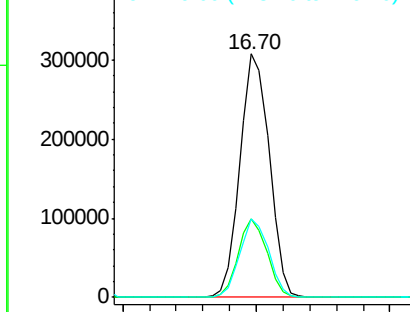
#67
Hexachlorobenzene
Concen: 48.93 ng
RT: 16.70 min Scan# 2316
Delta R.T. -0.01 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Instrument :
BNA_G
ClientSampleId :
PB97741BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	32.1	29.9	44.9
249	32.2	29.2	43.8

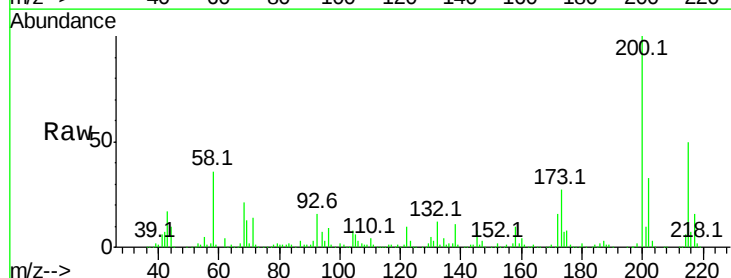


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

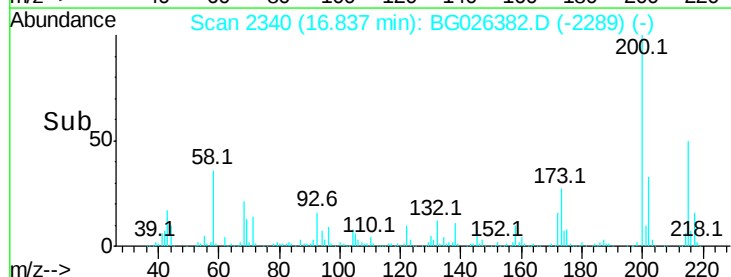
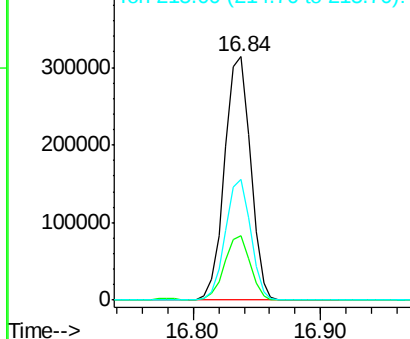


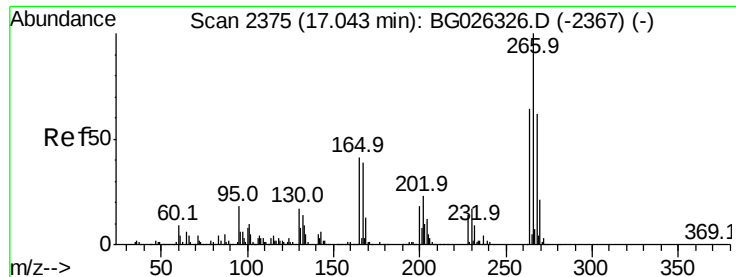
#68
Atrazine
Concen: 45.94 ng
RT: 16.84 min Scan# 2340
Delta R.T. 0.00 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.6	3.0	43.0
215	49.8	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

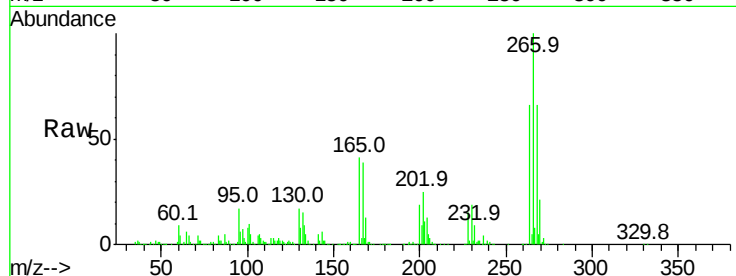




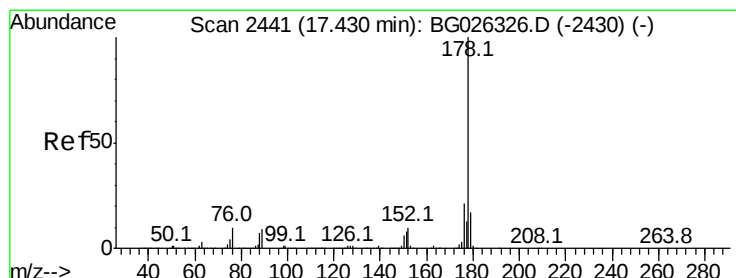
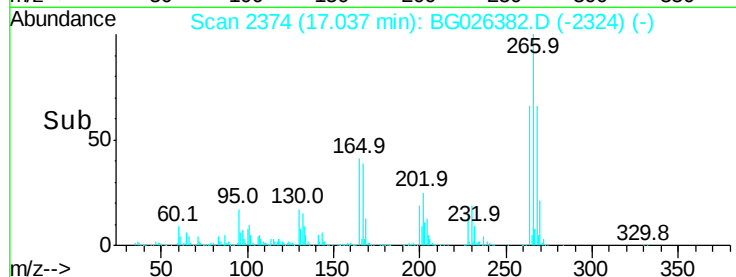
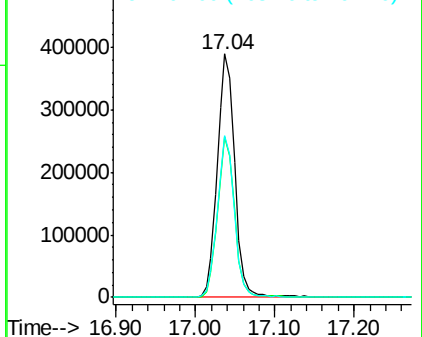
#69
 Pentachlorophenol
 Concen: 95.96 ng
 RT: 17.04 min Scan# 2374
 Delta R.T. -0.01 min
 Lab File: BG026382.D
 Acq: 22 Mar 2017 19:19

Instrument :
 BNA_G
 ClientSampleId :
 PB97741BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.6	48.6	72.8
264	66.2	50.1	75.1

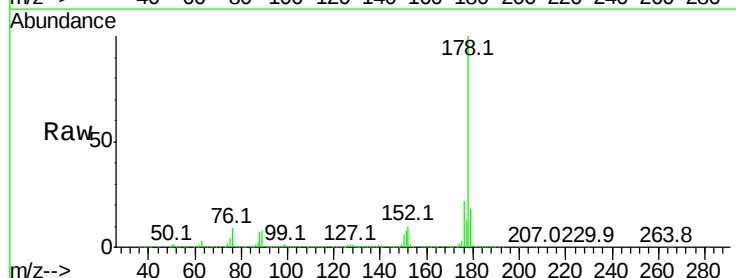


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

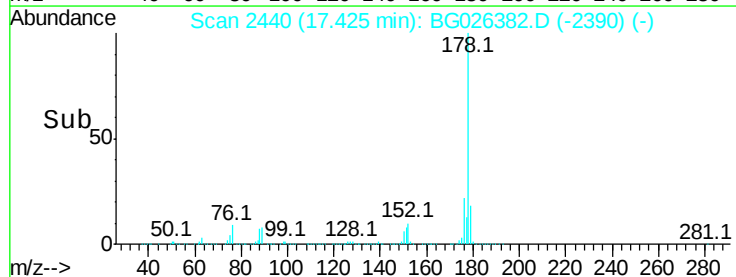
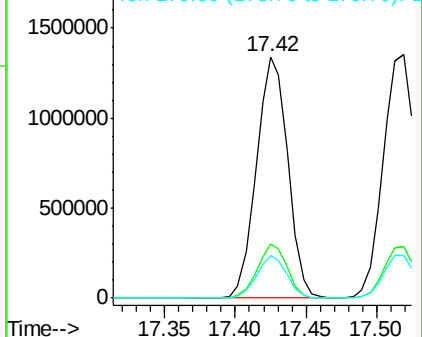


#70
 Phenanthrene
 Concen: 44.88 ng
 RT: 17.42 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BG026382.D
 Acq: 22 Mar 2017 19:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.4	17.7	26.5
179	17.6	15.0	22.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 45.55 ng

RT: 17.52 min Scan# 2456

Delta R.T. 0.00 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Instrument :

BNA_G

ClientSampleId :

PB97741BS

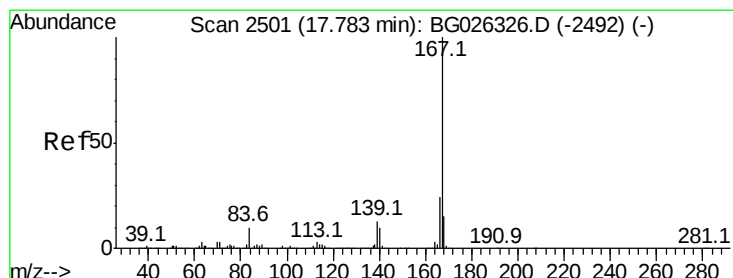
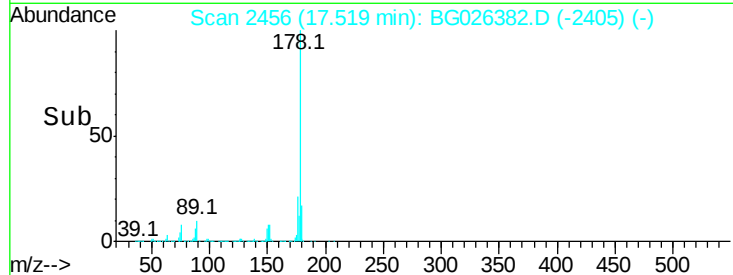
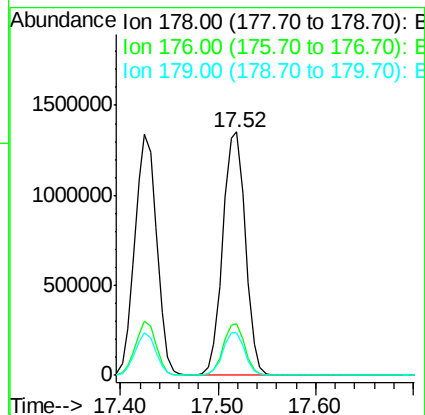
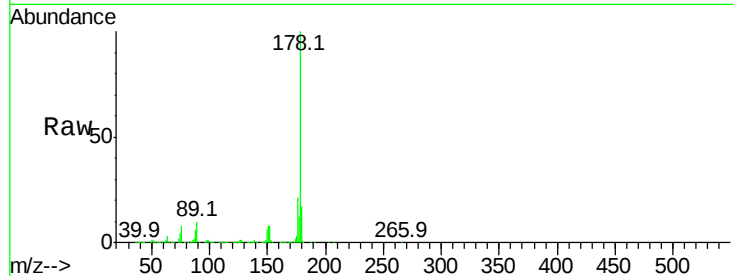
Tot Ion:178 Resp: 2170199

Ion Ratio Lower Upper

178 100

176 21.3 16.4 24.6

179 17.4 13.8 20.8



#72

Carbazole

Concen: 41.94 ng

RT: 17.78 min Scan# 2501

Delta R.T. 0.00 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

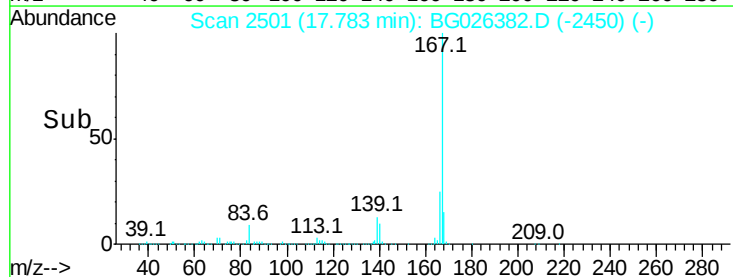
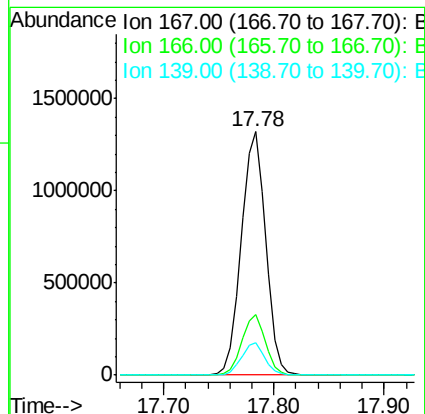
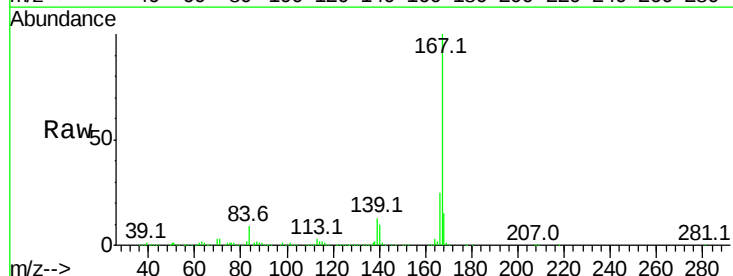
Tgt Ion:167 Resp: 2057222

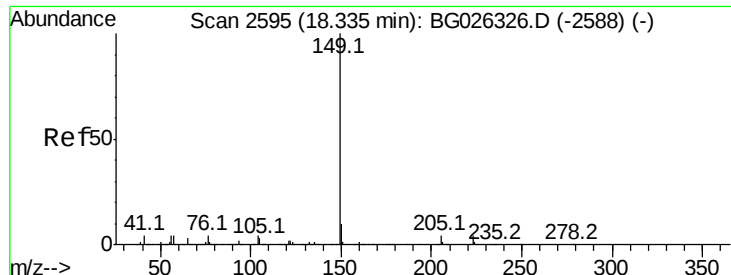
Ion Ratio Lower Upper

167 100

166 25.1 20.2 30.2

139 13.2 12.8 19.2

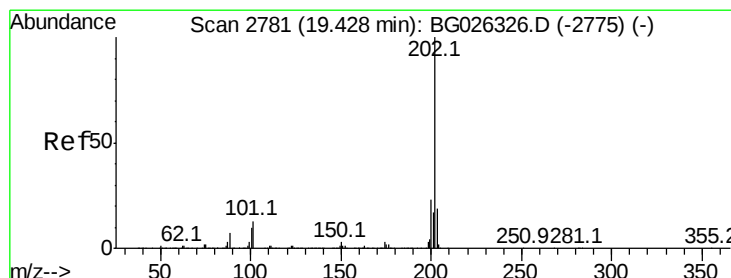
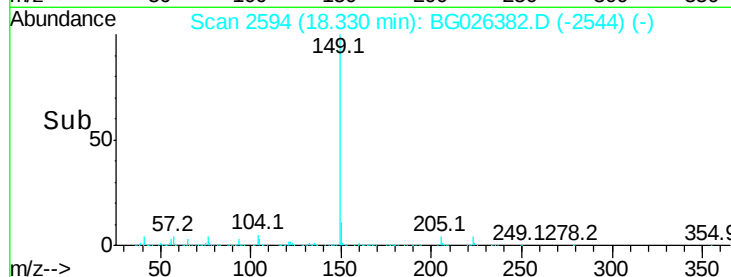
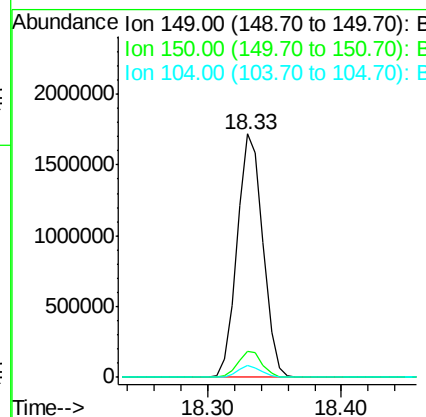
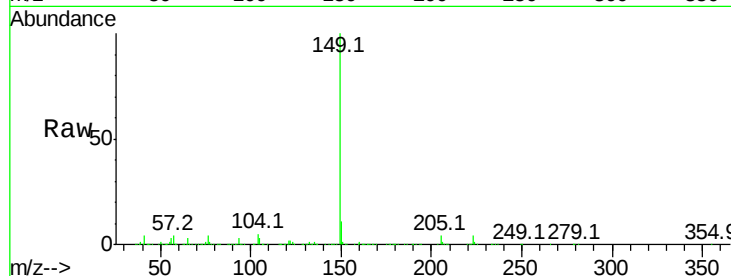




#73
Di-n-butylphthalate
Concen: 45.80 ng
RT: 18.33 min Scan# 2594
Delta R.T. -0.01 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

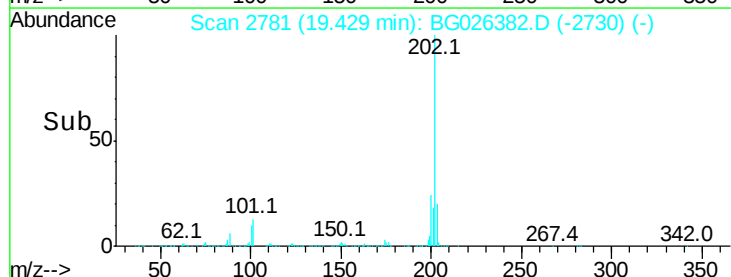
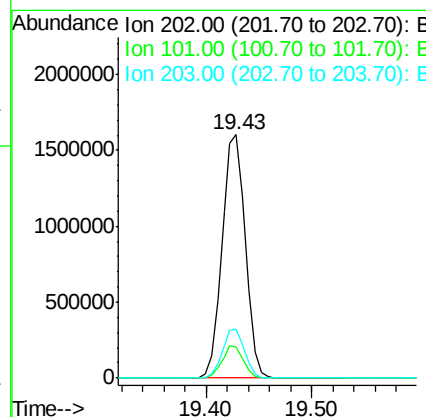
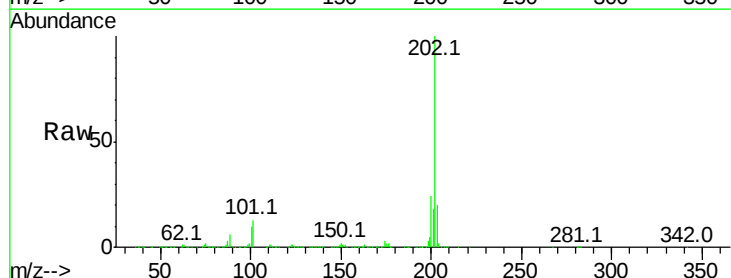
Instrument :
BNA_G
ClientSampleId :
PB97741BS

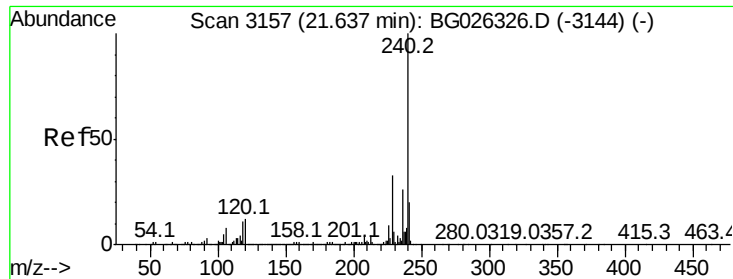
Tot Ion:149 Resp: 2308000
Ion Ratio Lower Upper
149 100
150 10.9 9.1 13.7
104 4.7 6.7 10.1#



#74
Fluoranthene
Concen: 44.75 ng
RT: 19.43 min Scan# 2781
Delta R.T. 0.00 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Tgt Ion:202 Resp: 2457257
Ion Ratio Lower Upper
202 100
101 12.6 0.0 30.1
203 20.3 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: BG026382.D

Acq: 22 Mar 2017 19:19

Instrument :

BNA_G

ClientSampleId :

PB97741BS

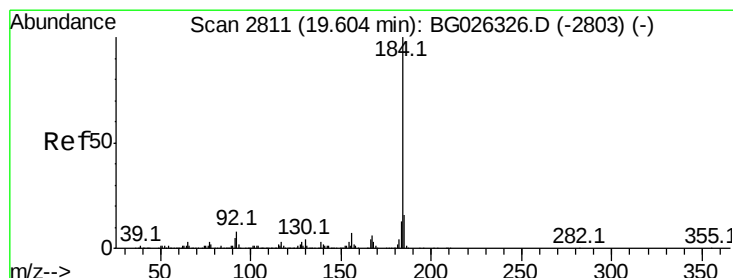
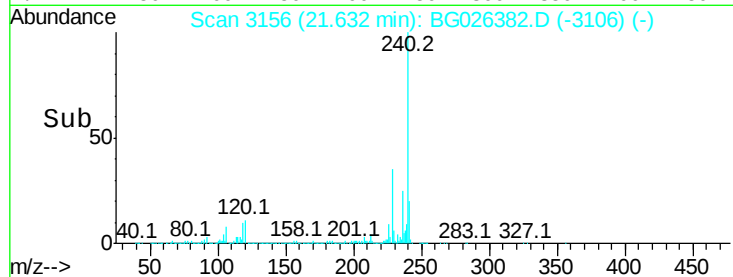
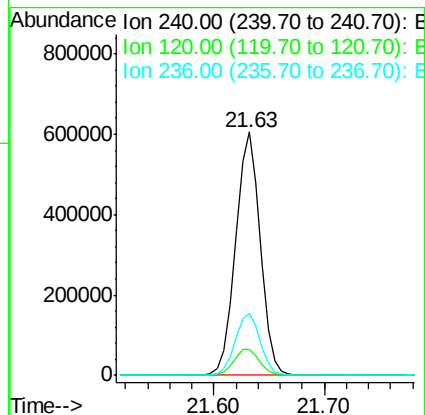
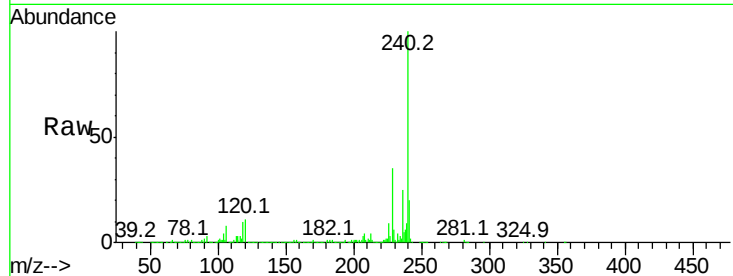
Tot Ion:240 Resp: 946663

Ion Ratio Lower Upper

240 100

120 10.9 5.7 8.5#

236 25.4 22.2 33.4



#76

Benzidine

Concen: 19.32 ng

RT: 19.60 min Scan# 2810

Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

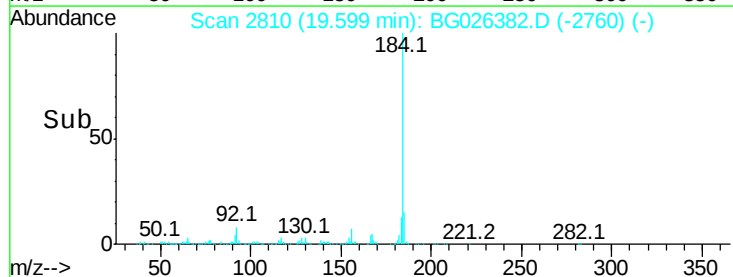
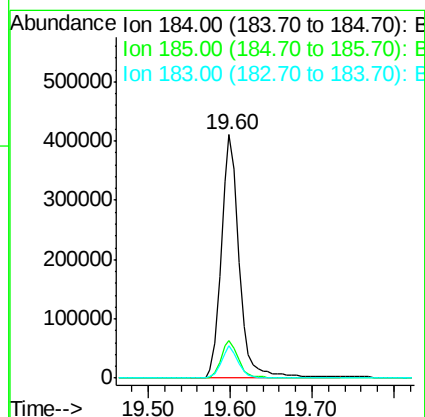
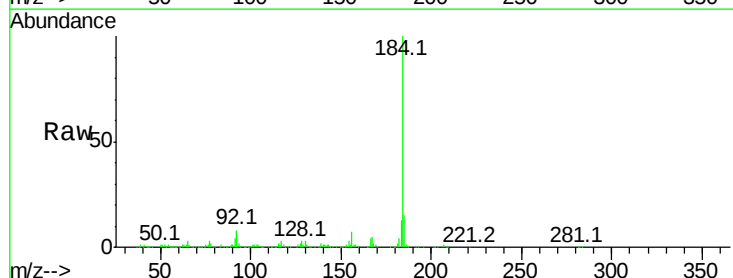
Tgt Ion:184 Resp: 630535

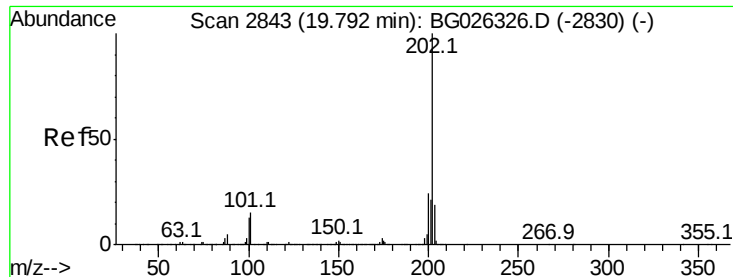
Ion Ratio Lower Upper

184 100

185 15.2 13.0 19.6

183 13.1 11.0 16.6





#77

Pvrene

Concen: 45.43 ng

RT: 19.79 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Instrument :

BNA_G

ClientSampleId :

PB97741BS

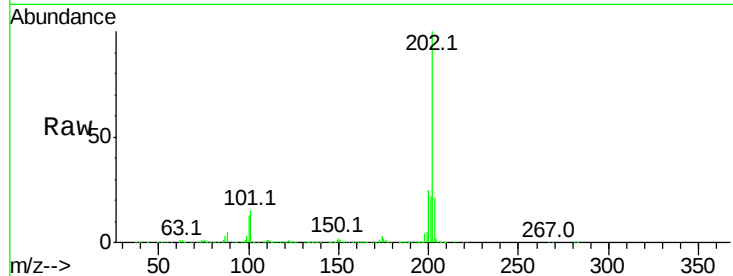
Tot Ion:202 Resp: 2490255

Ion Ratio Lower Upper

202 100

200 25.4 19.6 29.4

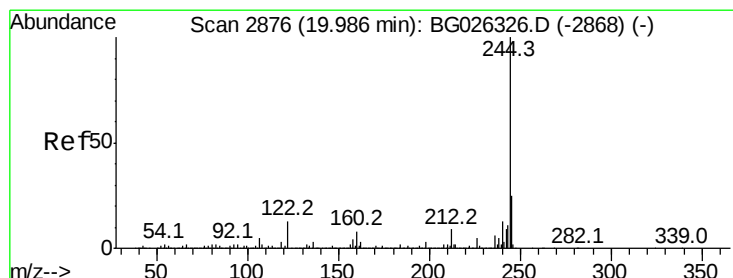
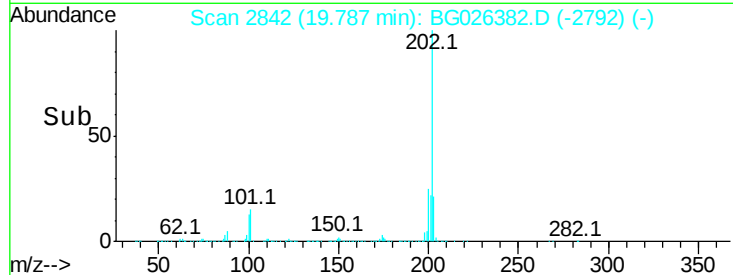
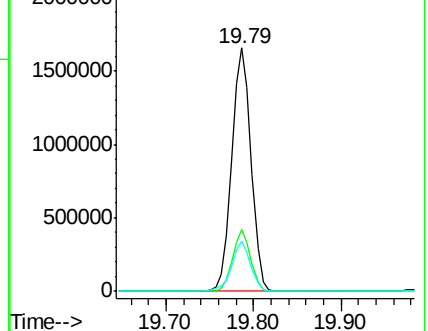
203 20.6 15.8 23.8



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: 79.09 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

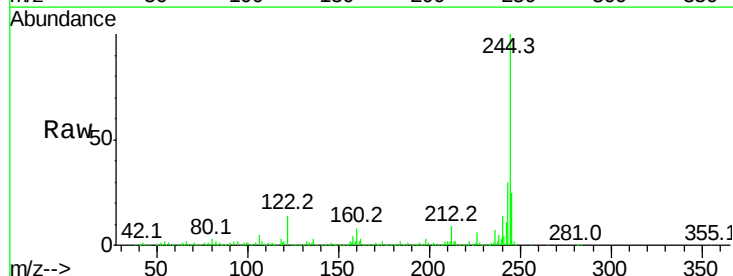
Tgt Ion:244 Resp: 3082906

Ion Ratio Lower Upper

244 100

212 9.0 10.0 15.0#

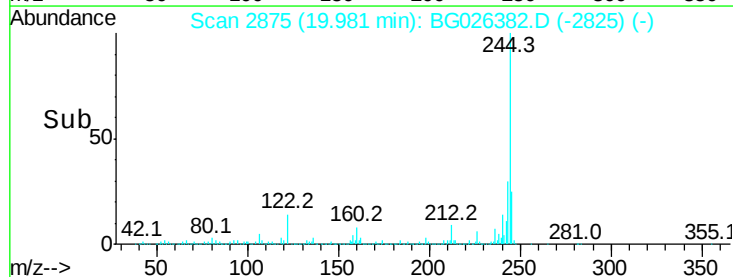
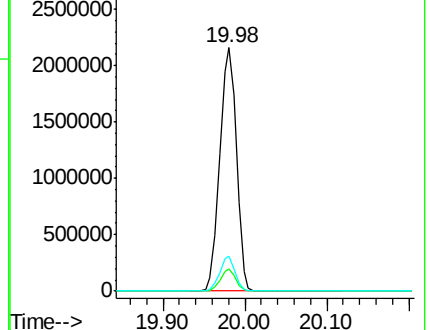
122 14.1 8.6 12.8#

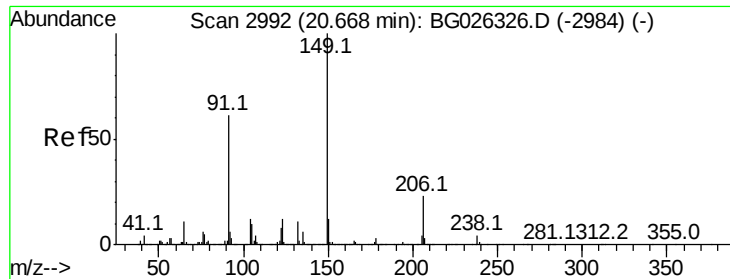


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

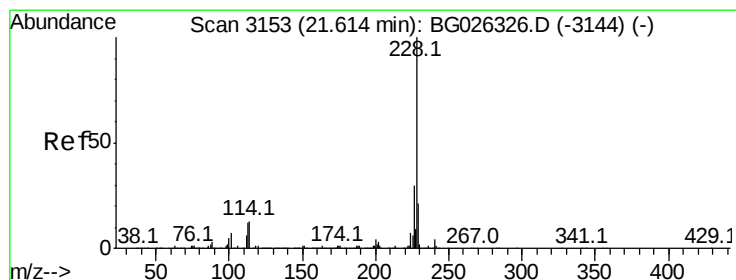
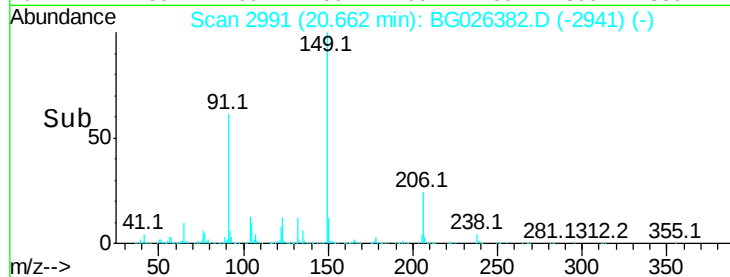
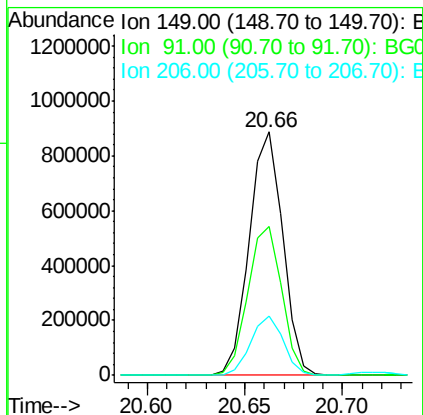
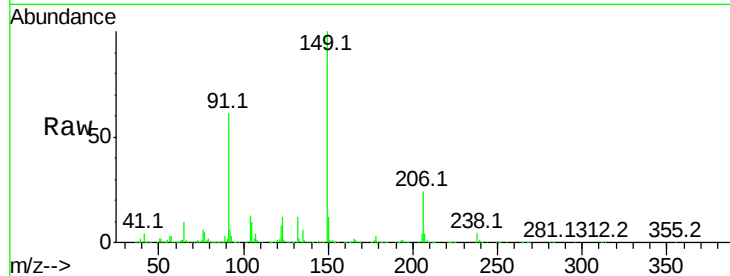




#79
Butylbenzylphthalate
Concen: 48.26 ng
RT: 20.66 min Scan# 2991
Delta R.T. -0.01 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

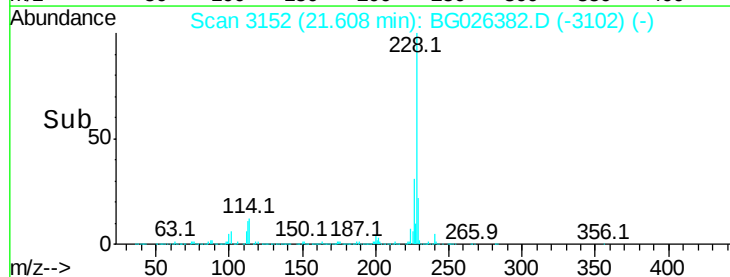
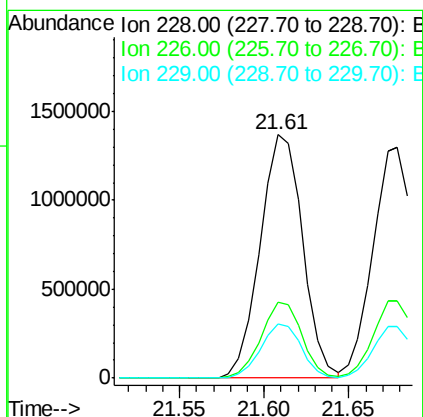
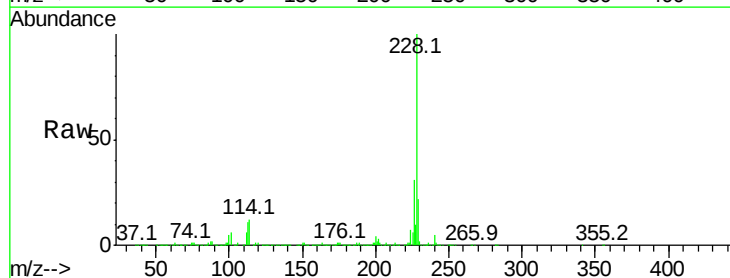
Instrument :
BNA_G
ClientSampleId :
PB97741BS

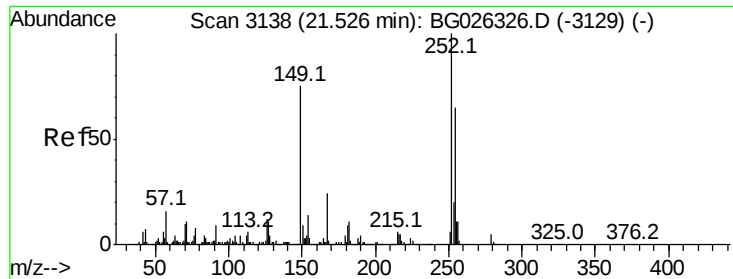
Tot Ion:149 Resp: 1058457
Ion Ratio Lower Upper
149 100
91 61.4 63.5 95.3#
206 24.2 21.0 31.6



#80
Benzo(a)anthracene
Concen: 44.87 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG026382.D
Acq: 22 Mar 2017 19:19

Tgt Ion:228 Resp: 2390541
Ion Ratio Lower Upper
228 100
226 31.2 24.9 37.3
229 22.4 18.2 27.2

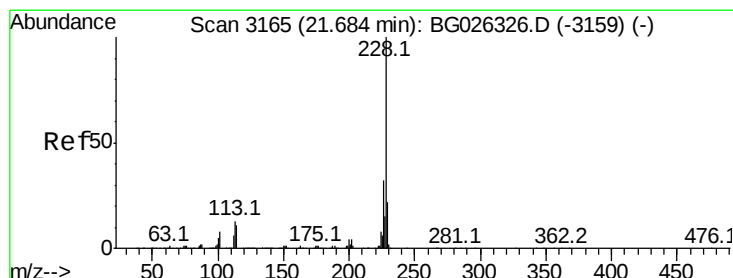
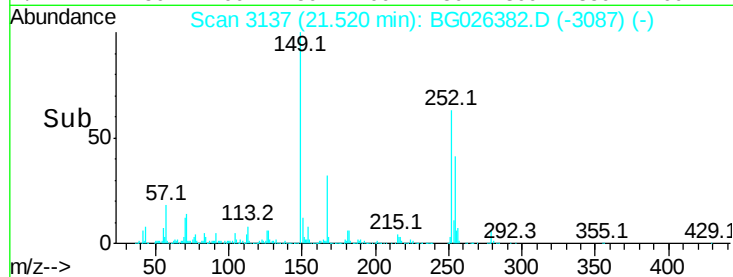
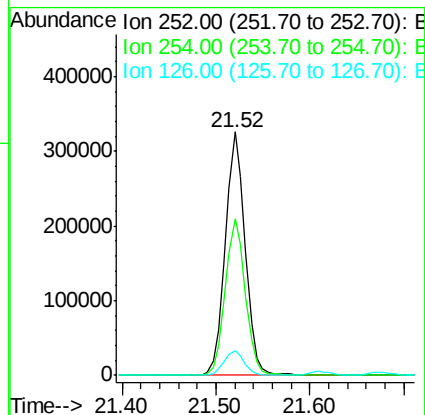
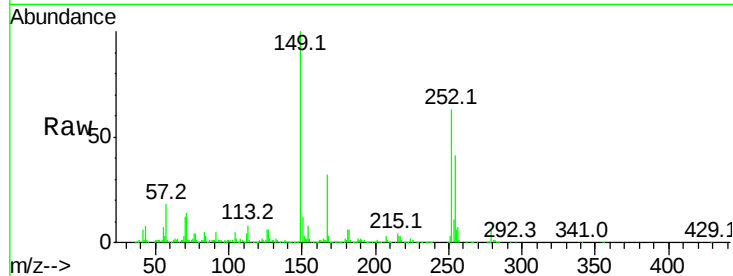




#81
 3,3'-Dichlorobenzidine
 Concen: 22.05 ng
 RT: 21.52 min Scan# 3137
 Delta R.T. -0.01 min
 Lab File: BG026382.D
 Acq: 22 Mar 2017 19:19

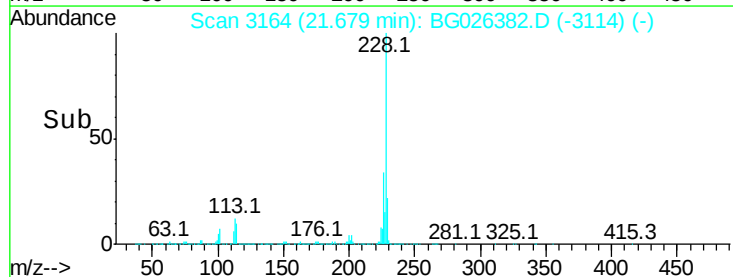
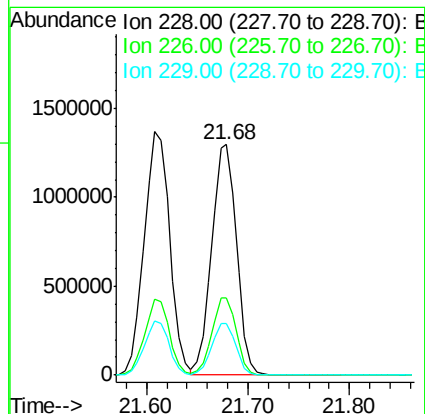
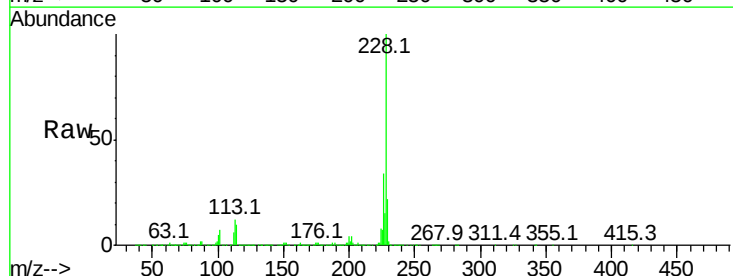
Instrument :
 BNA_G
 ClientSampleId :
 PB97741BS

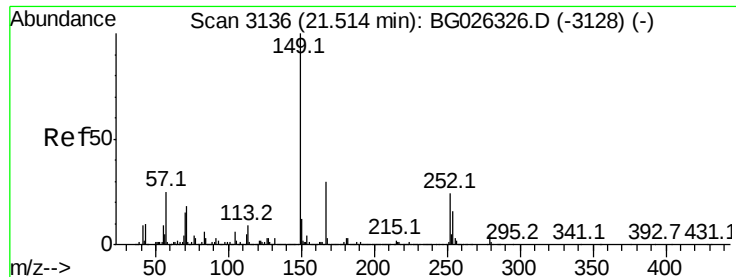
Tot Ion:252 Resp: 480974
 Ion Ratio Lower Upper
 252 100
 254 64.5 53.1 79.7
 126 10.0 7.0 10.4



#82
 Chrysene
 Concen: 43.26 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.01 min
 Lab File: BG026382.D
 Acq: 22 Mar 2017 19:19

Tgt Ion:228 Resp: 2201806
 Ion Ratio Lower Upper
 228 100
 226 33.6 27.0 40.4
 229 22.5 17.8 26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.02 ng

RT: 21.51 min Scan# 3135

Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Instrument :

BNA_G

ClientSampleId :

PB97741BS

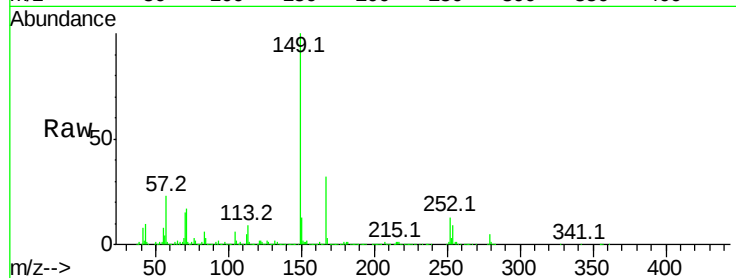
Tot Ion:149 Resp: 1524545

Ion	Ratio	Lower	Upper
149	100		
167	31.9	23.7	35.5
279	5.2	4.6	6.8

149 100

167 31.9 23.7 35.5

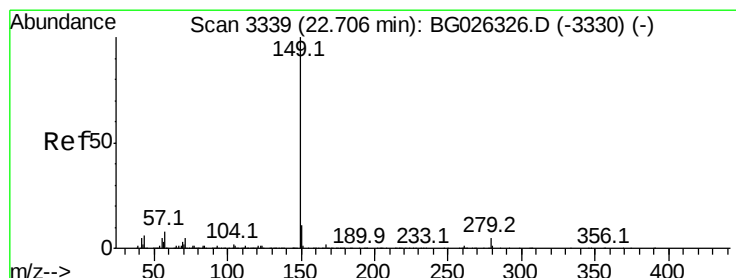
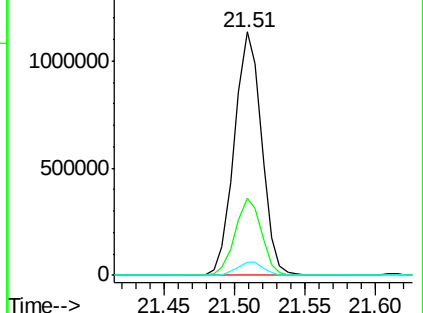
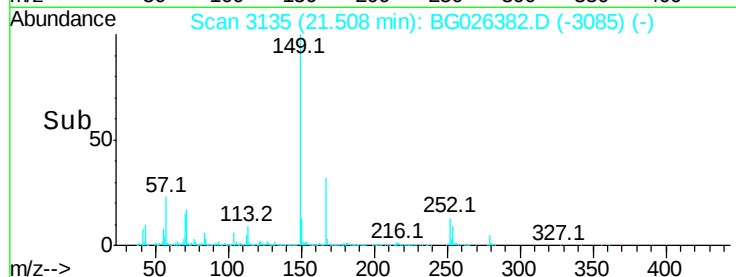
279 5.2 4.6 6.8



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: 46.52 ng

RT: 22.70 min Scan# 3338

Delta R.T. -0.01 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

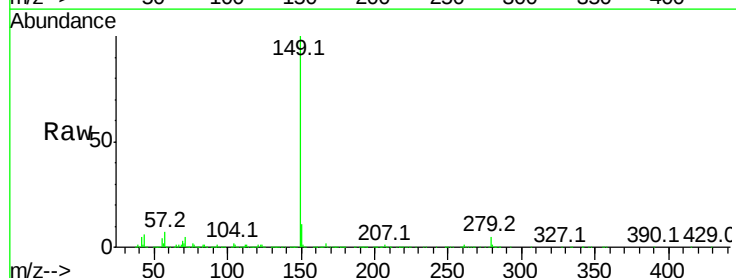
Tgt Ion:149 Resp: 2629651

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

149 100

167 1.8 1.4 2.2

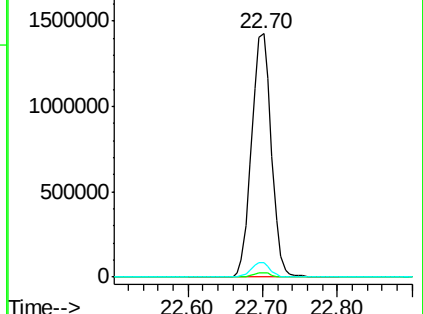
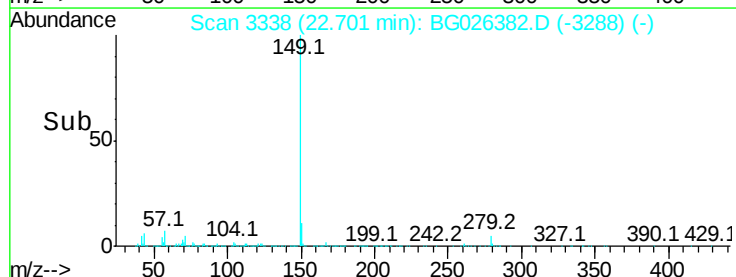
43 5.7 11.8 17.6#

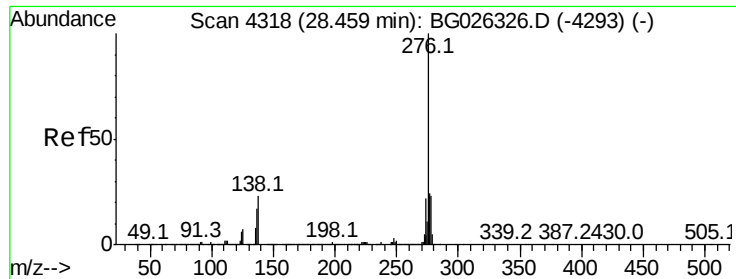


Abundance Ion 149.00 (148.70 to 149.70): E

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: 48.92 ng

RT: 28.44 min Scan# 4315

Delta R.T. -0.02 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Instrument :

BNA_G

ClientSampleId :

PB97741BS

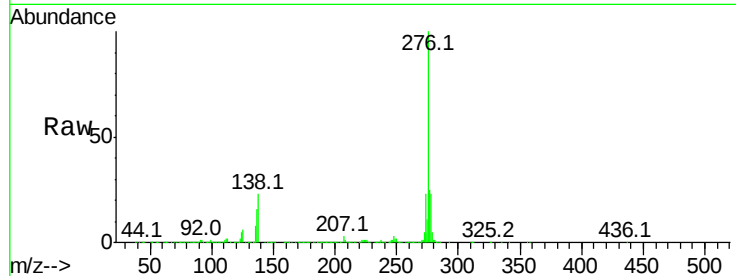
Tot Ion:276 Resp: 3074414

Ion Ratio Lower Upper

276 100

138 27.0 4.7 7.1#

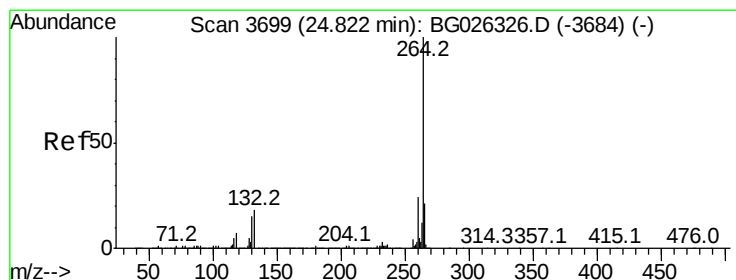
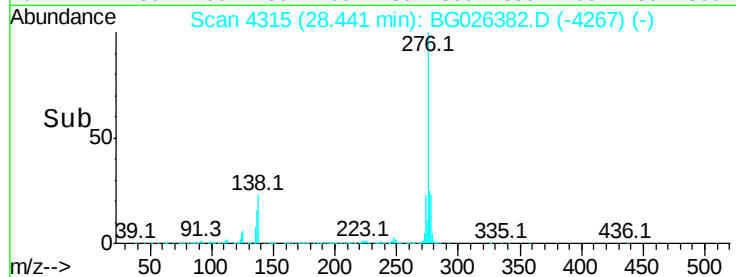
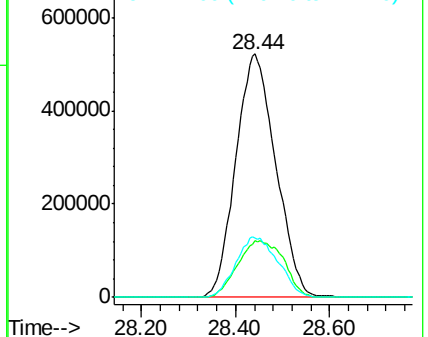
277 26.3 20.6 31.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.80 min Scan# 3696

Delta R.T. -0.02 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

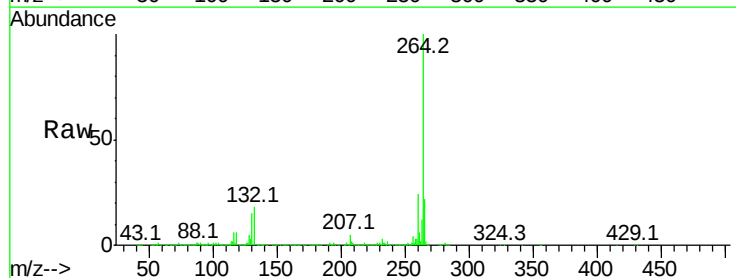
Tgt Ion:264 Resp: 953171

Ion Ratio Lower Upper

264 100

260 23.8 21.8 32.8

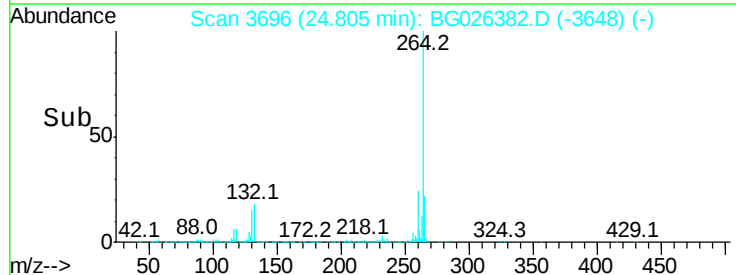
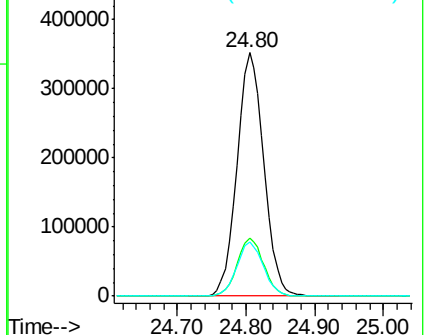
265 22.1 18.2 27.4

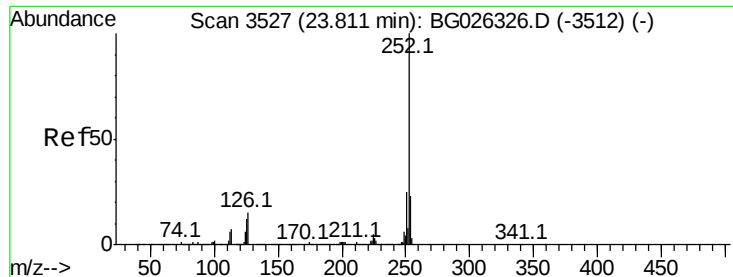


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 46.02 ng

RT: 23.81 min Scan# 3526

Delta R.T. -0.01 min

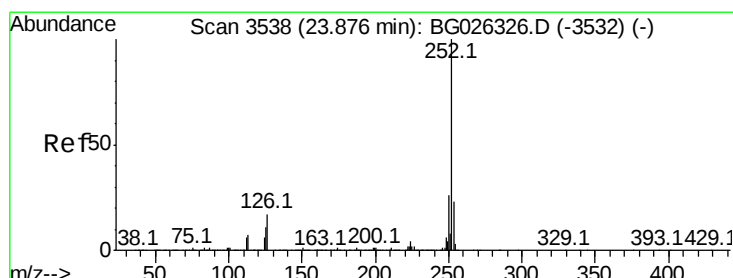
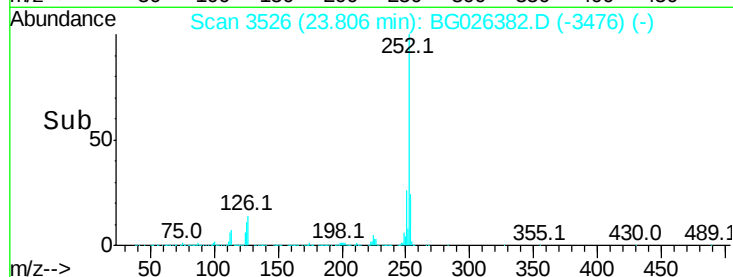
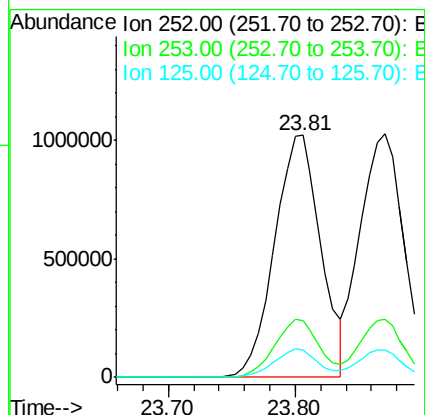
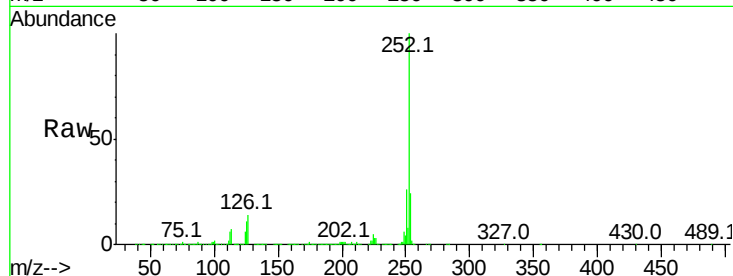
Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Instrument :
BNA_G
ClientSampleId :
PB97741BS

Tot Ion:252 Resp: 2585775

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.7	28.1
125	11.1	5.3	7.9#



#88

Benzo(k)fluoranthene

Concen: 45.19 ng

RT: 23.87 min Scan# 3537

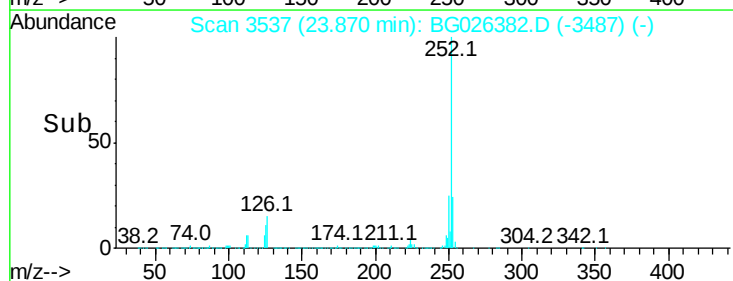
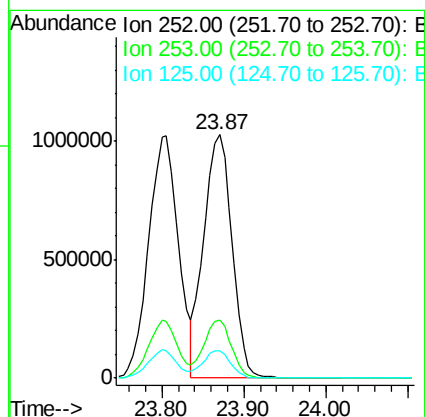
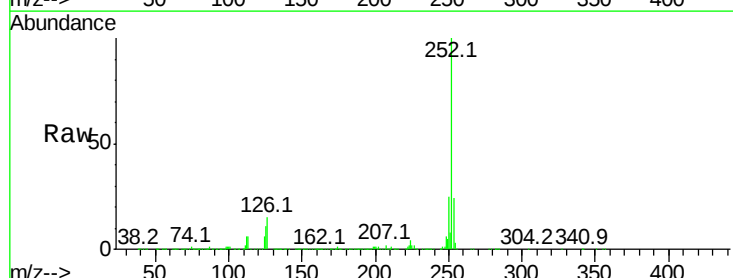
Delta R.T. -0.01 min

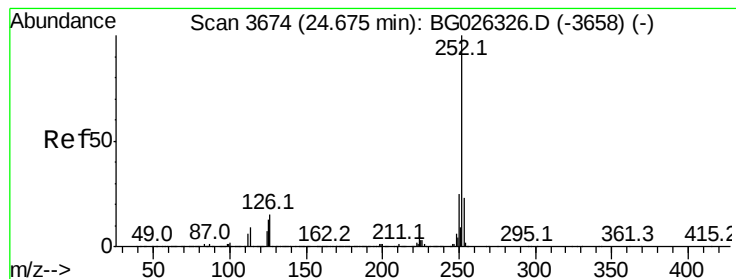
Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Tgt Ion:252 Resp: 2462486

Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.2	30.2
125	11.1	5.1	7.7#





#89

Benzo(a)pyrene

Concen: 46.14 ng

RT: 24.66 min Scan# 3671

Delta R.T. -0.02 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

Instrument :

BNA_G

ClientSampled :

PB97741BS

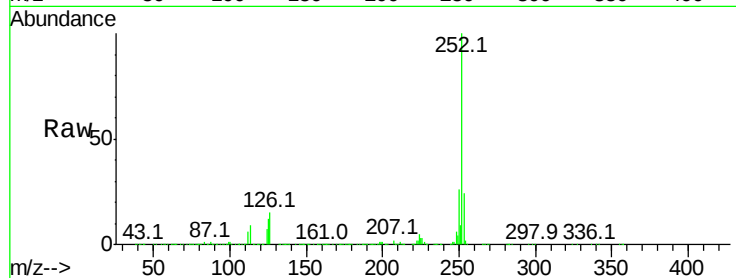
Tot Ion:252 Resp: 2486430

Ion Ratio Lower Upper

252 100

253 23.6 19.2 28.8

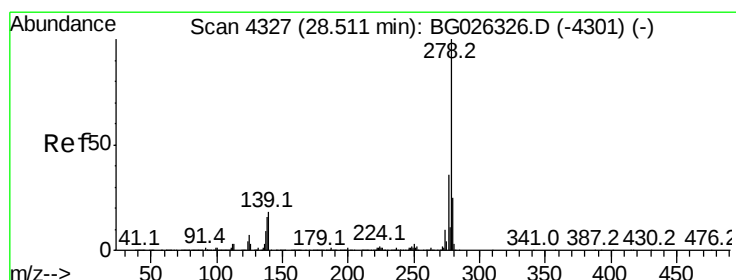
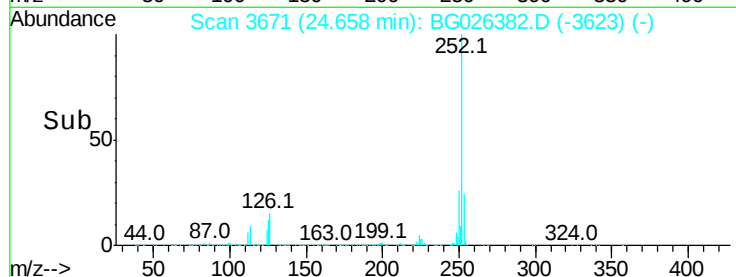
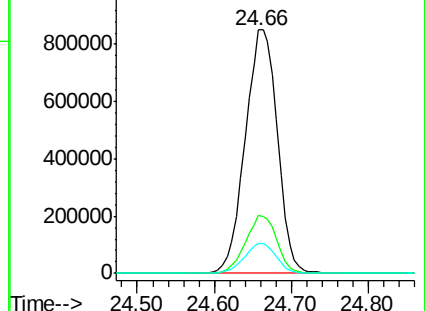
125 12.3 5.4 8.0#



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: 47.03 ng

RT: 28.49 min Scan# 4324

Delta R.T. -0.02 min

Lab File: BG026382.D

Acq: 22 Mar 2017 19:19

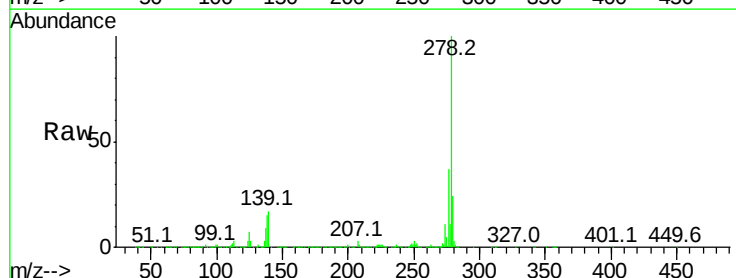
Tgt Ion:278 Resp: 2561261

Ion Ratio Lower Upper

278 100

139 17.3 7.7 11.5#

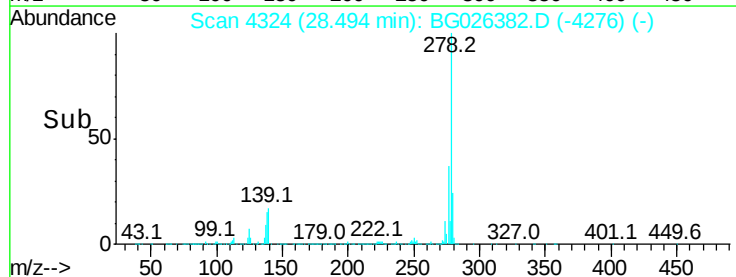
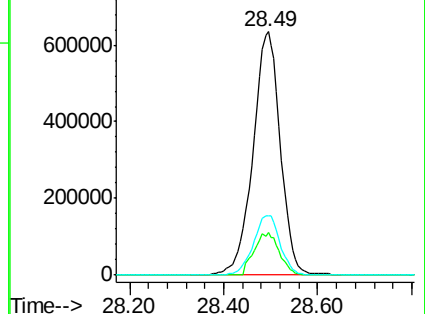
279 24.5 19.1 28.7

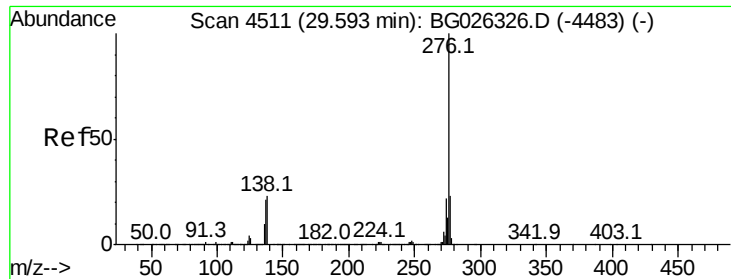


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 46.40 ng
 RT: 29.58 min Scan# 4508
 Delta R.T. -0.02 min
 Lab File: BG026382.D
 Acq: 22 Mar 2017 19:19

Instrument :
 BNA_G
 ClientSampleId :
 PB97741BS

Tot Ion:276 Resp: 2546642
 Ion Ratio Lower Upper
 276 100
 277 24.4 18.6 27.8
 138 23.3 8.1 12.1#

