

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030217\
 Data File : BG026028.D
 Acq On : 2 Mar 2017 14:00
 Operator : SJ/MA
 Sample : PB97261BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB97261BS

Quant Time: Mar 02 14:59:54 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 28 15:36:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	122897	20.00	ng	-0.02
21) Naphthalene-d8	10.88	136	525311	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	303361	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	695735	20.00	ng	0.00
75) Chrysene-d12	21.66	240	696558	20.00	ng	-0.02
86) Perylene-d12	24.85	264	646348	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	659396	93.41	ng	-0.01
7) Phenol-d6	7.23	99	853618	81.72	ng	0.00
23) Nitrobenzene-d5	9.23	82	699887	84.08	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	309675	110.49	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1742346	100.36	ng	-0.02
78) Terphenyl-d14	20.00	244	2329199	81.33	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	93341	28.93	ng	# 77
3) Pyridine	3.93	79	284757	29.62	ng	# 68
4) n-Nitrosodimethylamine	3.84	42	111137	32.15	ng	# 16
6) Aniline	7.39	93	370415	25.51	ng	# 88
8) 2-Chlorophenol	7.64	128	350875	41.82	ng	# 85
9) Benzaldehyde	7.20	77	91975	14.86	ng	# 75
10) Phenol	7.26	94	444907	39.19	ng	# 74
11) bis(2-Chloroethyl)ether	7.49	93	336585	36.07	ng	# 84
12) 1,3-Dichlorobenzene	7.96	146	379703	39.15	ng	# 88
13) 1,4-Dichlorobenzene	8.11	146	383304	39.02	ng	# 94
14) 1,2-Dichlorobenzene	8.43	146	367135	38.07	ng	# 93
15) Benzyl Alcohol	8.30	79	292513	38.24	ng	# 78
16) 2,2'-oxybis(1-Chloropropan	8.60	45	386596	28.55	ng	# 86
17) 2-Methylphenol	8.51	107	309047	37.79	ng	# 82
18) Hexachloroethane	9.16	117	128756	39.55	ng	# 86
19) n-Nitroso-di-n-propylamine	8.87	70	259829	34.06	ng	# 76
20) 3+4-Methylphenols	8.83	107	420197	36.07	ng	# 87
22) Acetophenone	8.89	105	511774	40.60	ng	# 78
24) Nitrobenzene	9.27	77	354958	39.43	ng	# 76
25) Isophorone	9.79	82	723938	39.52	ng	# 91
26) 2-Nitrophenol	9.98	139	185159	43.99	ng	# 69
27) 2,4-Dimethylphenol	10.04	122	346478	44.10	ng	# 88
28) bis(2-Chloroethoxy)methane	10.27	93	447920	38.58	ng	# 98
29) 2,4-Dichlorophenol	10.52	162	333574	44.49	ng	# 94
30) 1,2,4-Trichlorobenzene	10.73	180	347377	42.60	ng	# 97
31) Naphthalene	10.92	128	1064828	39.21	ng	# 100
32) Benzoic acid	10.16	122	220099	36.69	ng	# 72
33) 4-Chloroaniline	11.02	127	174972	14.83	ng	# 85
34) Hexachlorobutadiene	11.22	225	199691	43.03	ng	# 100
35) Caprolactam	11.78	113	95218	31.45	ng	# 63
36) 4-Chloro-3-methylphenol	12.14	107	367888	41.01	ng	# 80
37) 2-Methylnaphthalene	12.52	142	812171	39.26	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	364991	48.00	ng	# 98
40) Hexachlorocyclopentadiene	12.87	237	409437	98.41	ng	# 94

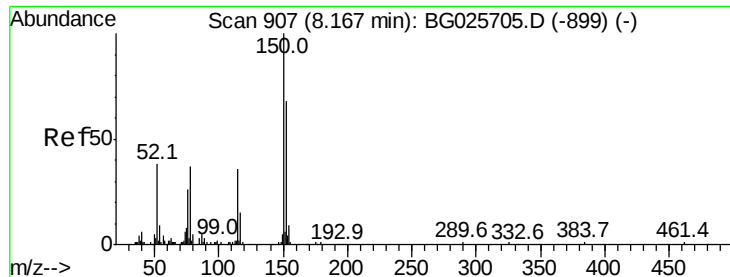
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	265784	54.12	nq	94
43) 2,4,5-Trichlorophenol	13.19	196	278844	50.02	nq	94
45) 1,1'-Biphenyl	13.51	154	1034634	47.06	nq	99
46) 2-Chloronaphthalene	13.56	162	744279	46.83	nq	97
47) 2-Nitroaniline	13.75	65	224775	44.59	nq	# 64
48) Acenaphthylene	14.40	152	1281018	45.27	nq	98
49) Dimethylphthalate	14.12	163	1011719	48.61	nq	98
50) 2,6-Dinitrotoluene	14.24	165	228758	48.93	nq	# 69
51) Acenaphthene	14.74	154	927637	49.64	nq	100
52) 3-Nitroaniline	14.57	138	144579	27.65	nq	# 76
53) 2,4-Dinitrophenol	14.78	184	220684	90.21	nq	# 85
54) Dibenzofuran	15.07	168	1216006	48.81	nq	91
55) 4-Nitrophenol	14.87	139	381560	89.66	nq	# 47
56) 2,4-Dinitrotoluene	15.03	165	310827	49.42	nq	# 75
57) Fluorene	15.72	166	1018963	45.77	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	265091	53.90	nq	96
59) Diethylphthalate	15.48	149	1048376	48.70	nq	98
60) 4-Chlorophenyl-phenylether	15.71	204	478756	46.41	nq	95
61) 4-Nitroaniline	15.73	138	240364	44.34	nq	# 55
62) Azobenzene	16.00	77	915598	49.48	nq	84
64) 4,6-Dinitro-2-methylphenol	15.79	198	174164	42.78	nq	87
65) n-Nitrosodiphenylamine	15.92	169	903625	42.83	nq	99
66) 4-Bromophenyl-phenylether	16.60	248	316492	43.40	nq	97
67) Hexachlorobenzene	16.72	284	332747	44.27	nq	93
68) Atrazine	16.86	200	342319	45.84	nq	97
69) Pentachlorophenol	17.06	266	421738	90.97	nq	97
70) Phenanthrene	17.45	178	1590239	42.11	nq	97
71) Anthracene	17.54	178	1640863	42.62	nq	99
72) Carbazole	17.80	167	1517846	39.24	nq	97
73) Di-n-butylphthalate	18.36	149	1898815	50.01	nq	# 93
74) Fluoranthene	19.45	202	1836518	44.16	nq	95
76) Benzidine	19.62	184	562168	25.57	nq	98
77) Pyrene	19.81	202	1860819	42.24	nq	98
79) Butylbenzylphthalate	20.69	149	865384	51.76	nq	87
80) Benzo(a)anthracene	21.63	228	1678772	41.28	nq	97
81) 3,3'-Dichlorobenzidine	21.55	252	371411	25.62	nq	# 98
82) Chrysene	21.70	228	1550882	39.66	nq	98
83) Bis(2-ethylhexyl)phthalate	21.54	149	1284671	53.22	nq	# 99
84) Di-n-octyl phthalate	22.74	149	2205486	55.32	nq	# 83
85) Indeno(1,2,3-cd)pyrene	28.50	276	1707570	37.07	nq	# 88
87) Benzo(b)fluoranthene	23.84	252	1673385	43.23	nq	# 95
88) Benzo(k)fluoranthene	23.91	252	1618161	42.84	nq	# 94
89) Benzo(a)pyrene	24.71	252	1570048	42.83	nq	# 95
90) Dibenzo(a,h)anthracene	28.56	278	1370932	37.23	nq	# 93
91) Benzo(g,h,i)perylene	29.64	276	1460111	39.55	nq	# 89

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 806

Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

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PB97261BS

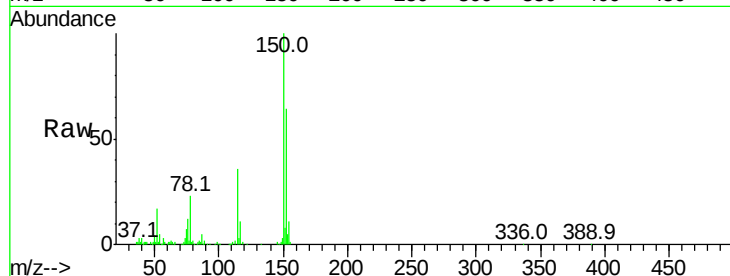
Tot Ion:152 Resp: 122897

Ion Ratio Lower Upper

152 100

150 157.5 114.0 171.0

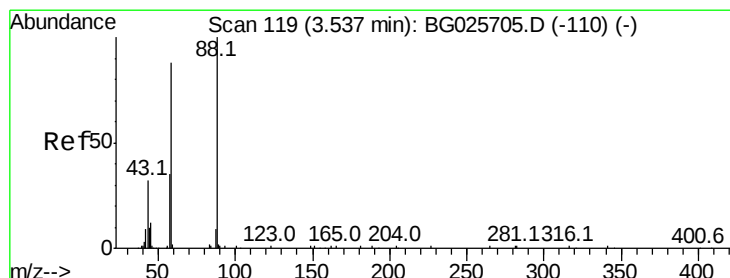
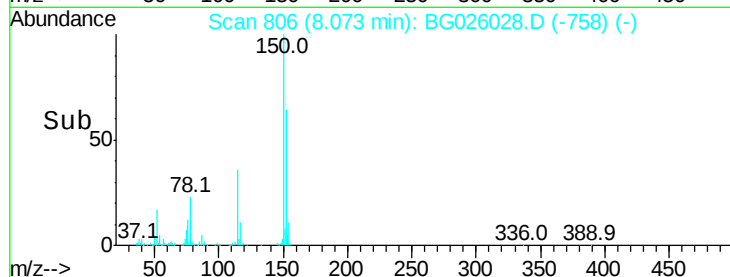
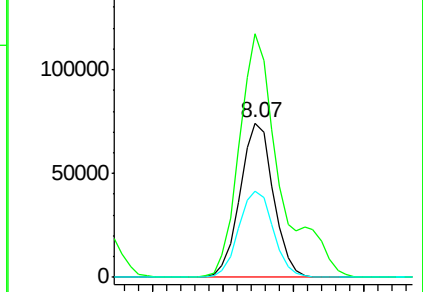
115 56.1 48.1 72.1



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: 28.93 ng

RT: 3.54 min Scan# 34

Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

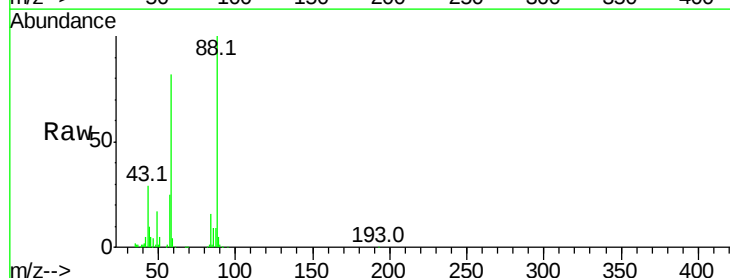
Tgt Ion: 88 Resp: 93341

Ion Ratio Lower Upper

88 100

58 80.3 79.4 119.2

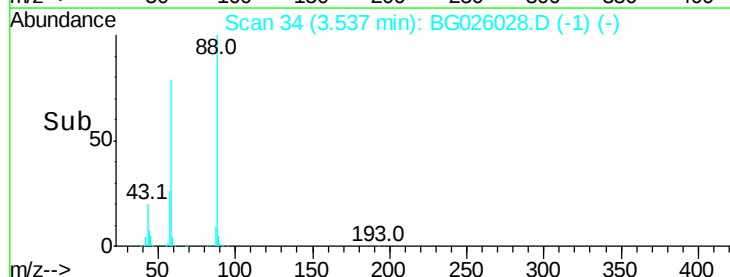
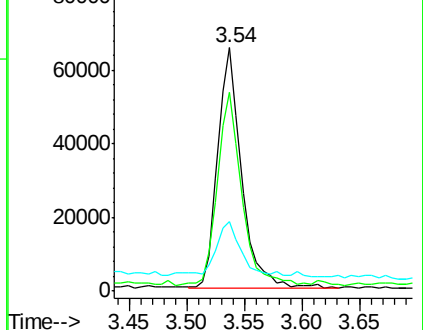
43 21.3 33.8 50.6#

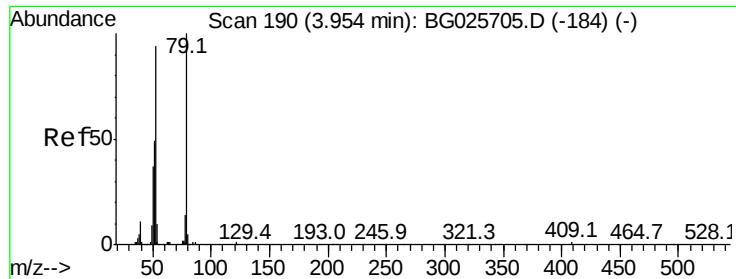


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 29.62 ng

RT: 3.93 min Scan# 101

Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Instrument :

BNA_G

ClientSampleId :

PB97261BS

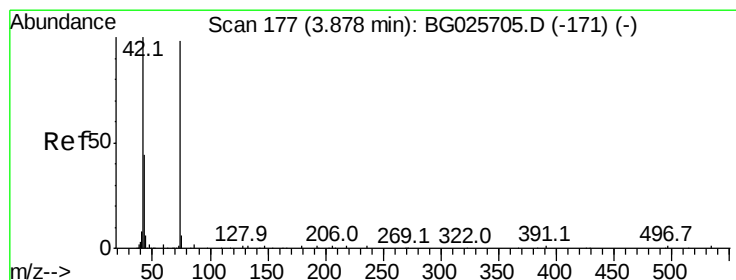
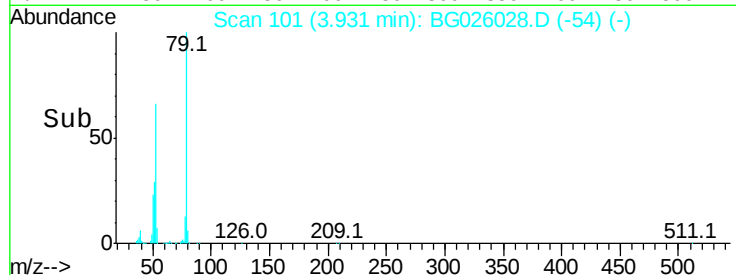
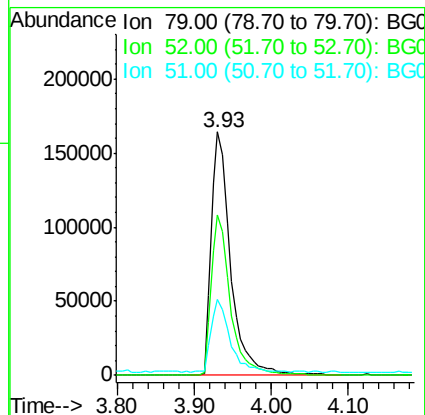
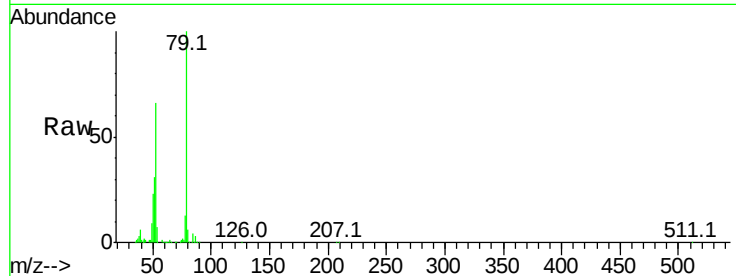
Tot Ion: 79 Resp: 284757

Ion Ratio Lower Upper

79 100

52 66.1 77.8 116.6#

51 31.1 43.2 64.8#



#4

n-Nitrosodimethylamine

Concen: 32.15 ng

RT: 3.84 min Scan# 86

Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

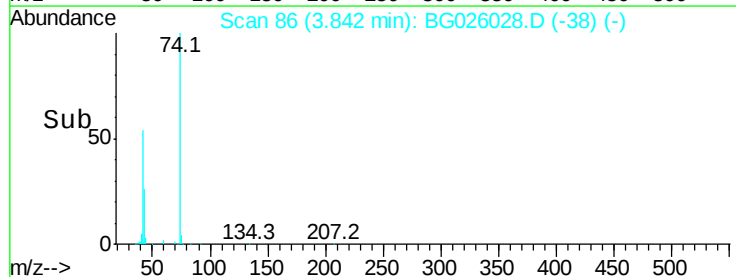
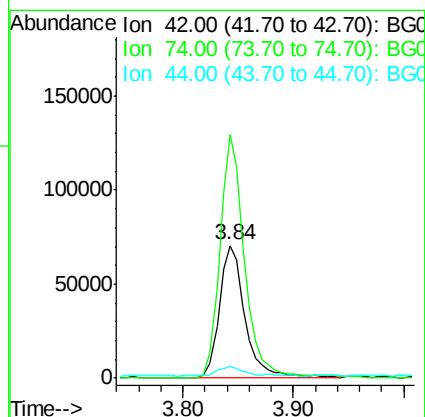
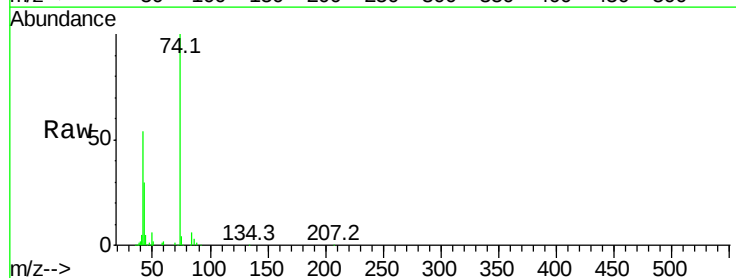
Tgt Ion: 42 Resp: 111137

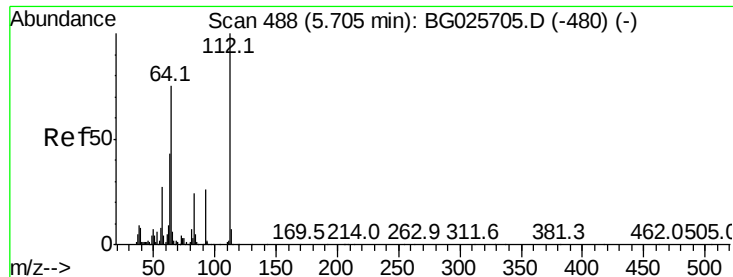
Ion Ratio Lower Upper

42 100

74 183.9 76.7 115.1#

44 9.4 6.1 9.1#





#5

2-Fluorophenol

Concen: 93.41 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Instrument :

BNA_G

ClientSampleId :

PB97261BS

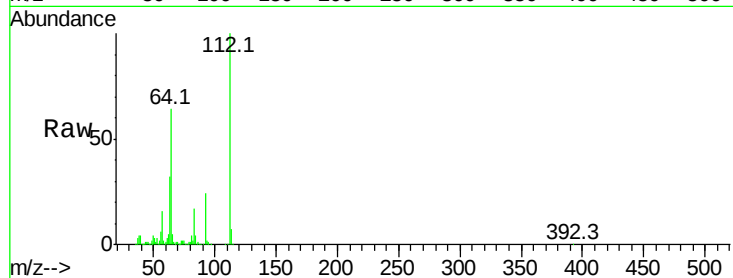
Tot Ion:112 Resp: 659396

Ion Ratio Lower Upper

112 100

64 63.6 61.8 92.6

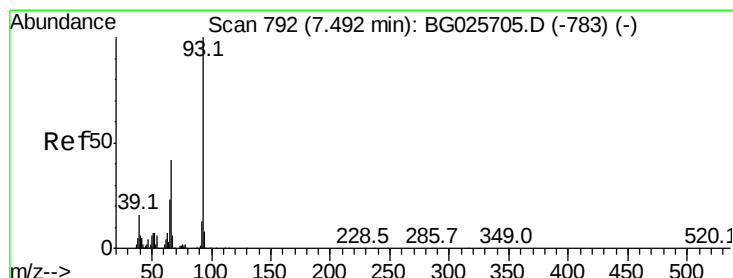
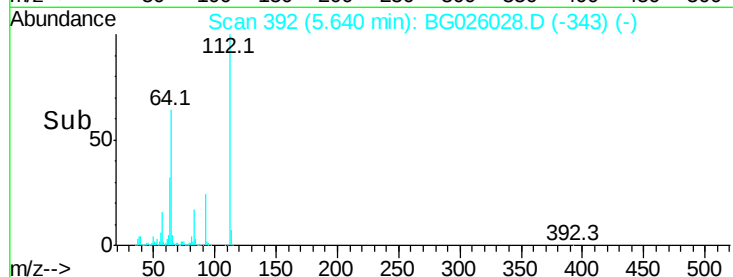
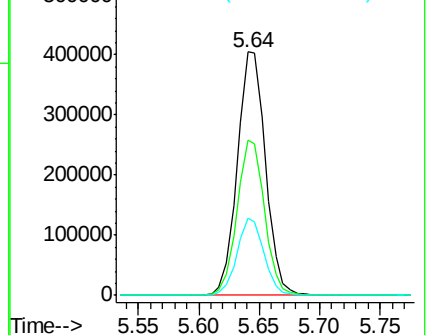
63 31.6 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 25.51 ng

RT: 7.39 min Scan# 690

Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

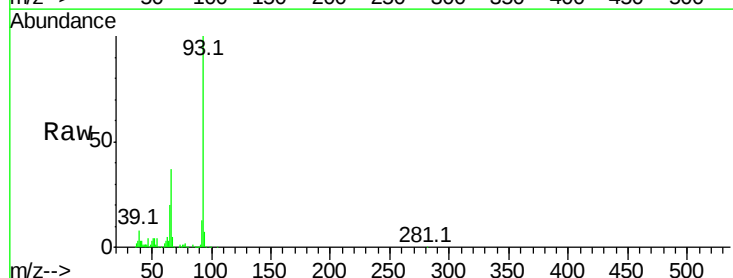
Tgt Ion: 93 Resp: 370415

Ion Ratio Lower Upper

93 100

66 37.4 35.4 53.2

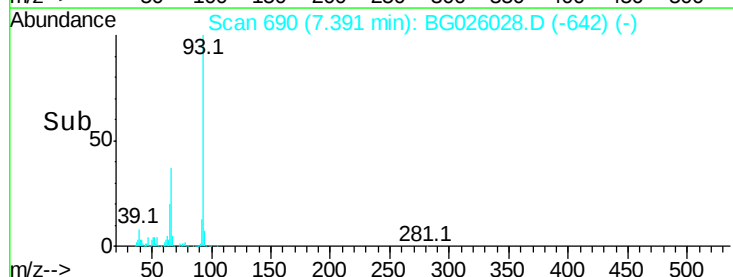
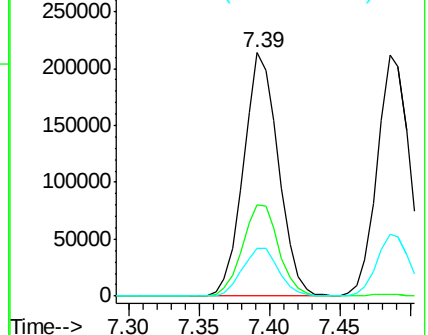
65 19.7 21.2 31.8#

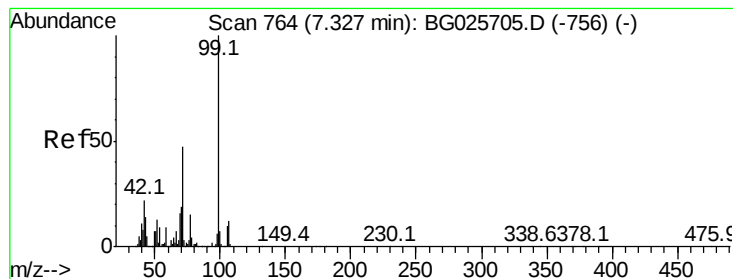


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 81.72 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

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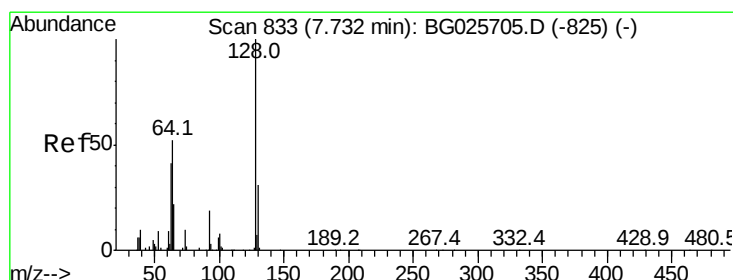
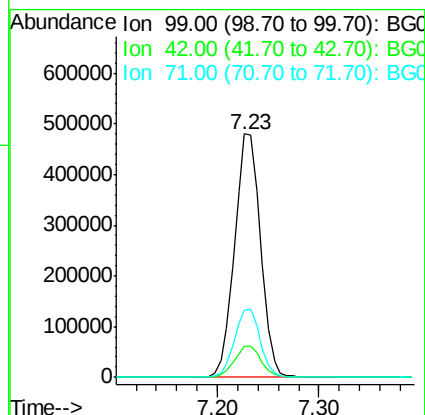
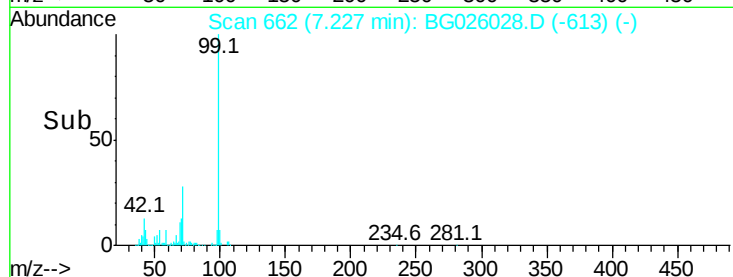
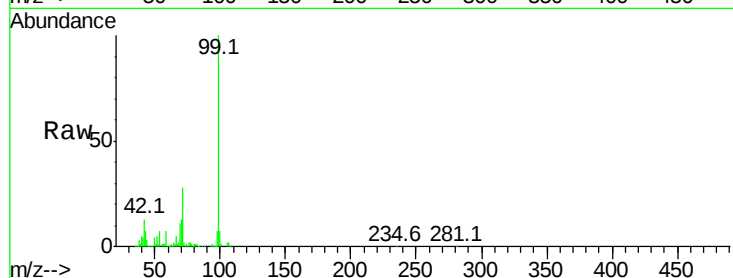
Tot Ion: 99 Resp: 853618

Ion Ratio Lower Upper

99 100

42 12.6 20.5 30.7#

71 27.6 37.6 56.4#



#8

2-Chlorophenol

Concen: 41.82 ng

RT: 7.64 min Scan# 732

Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

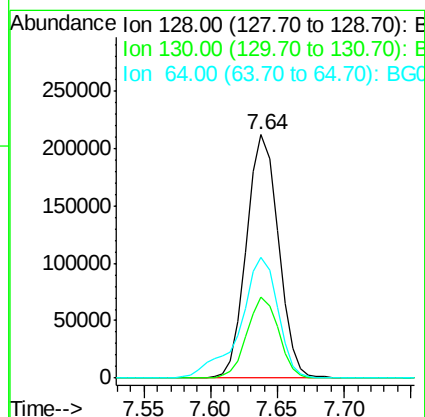
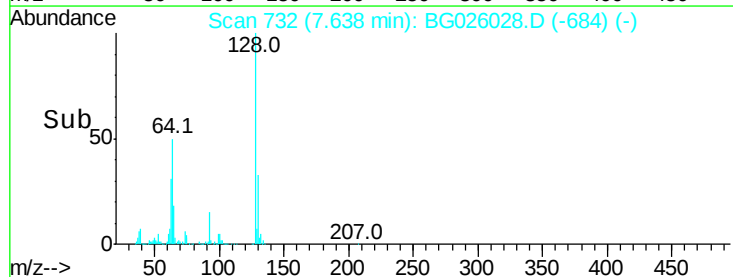
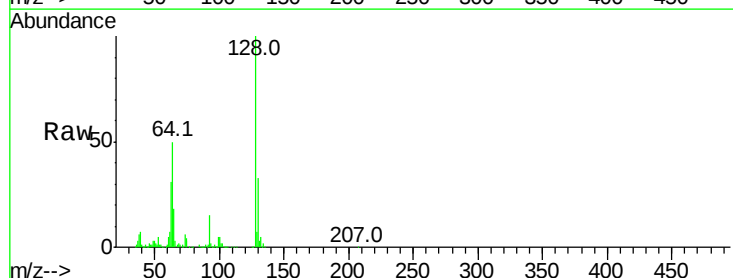
Tgt Ion: 128 Resp: 350875

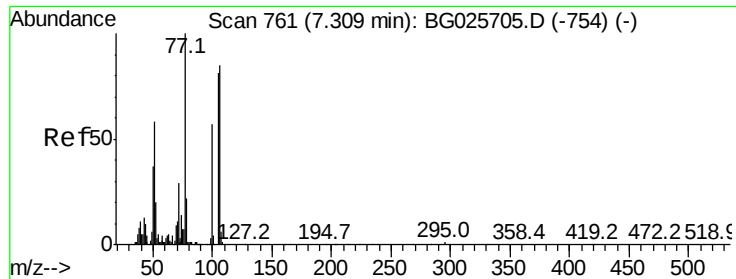
Ion Ratio Lower Upper

128 100

130 33.2 11.4 51.4

64 49.7 46.6 86.6





#9

Benzaldehyde

Concen: 14.86 ng

RT: 7.20 min Scan# 658

Delta R.T. -0.02 min

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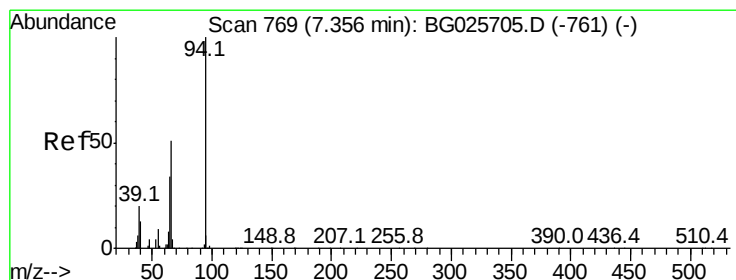
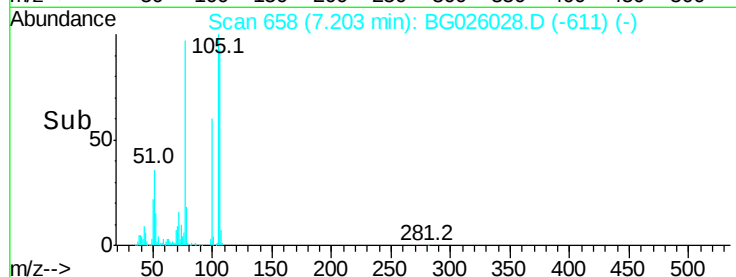
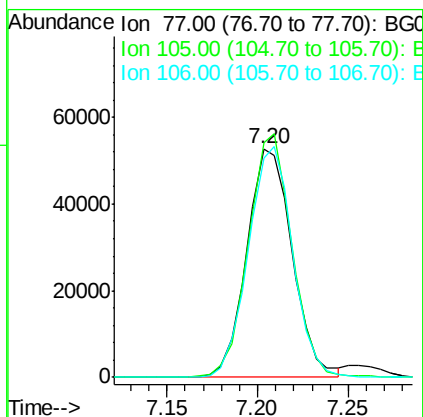
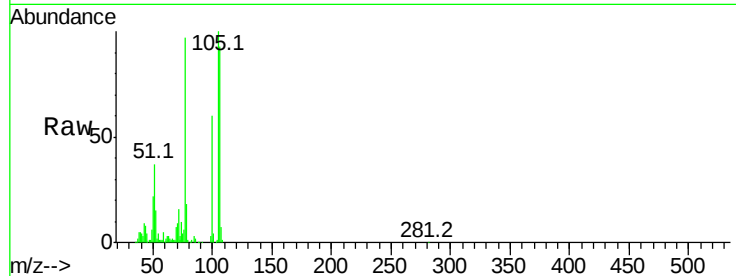
Tot Ion: 77 Resp: 91975

Ion Ratio Lower Upper

77 100

105 102.9 60.9 100.9#

106 96.0 55.1 95.1#



#10

Phenol

Concen: 39.19 ng

RT: 7.26 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

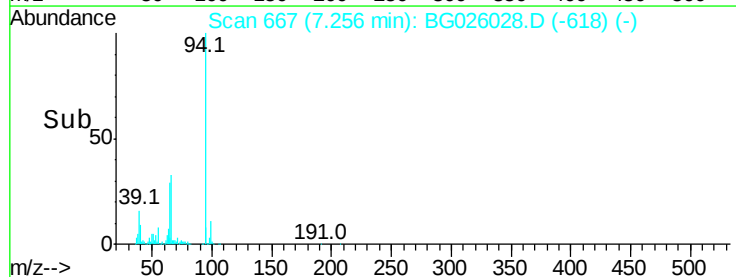
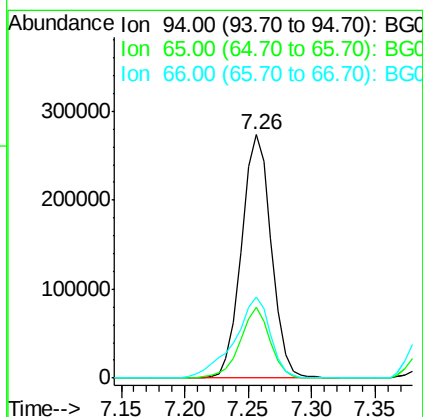
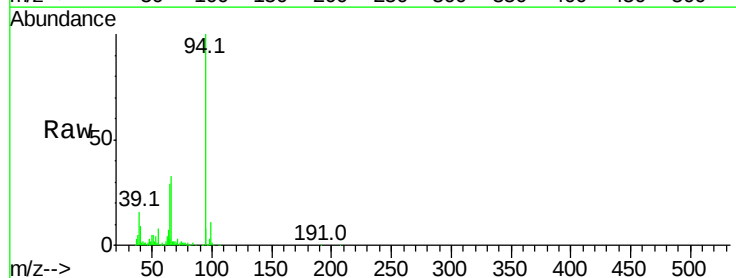
Tgt Ion: 94 Resp: 444907

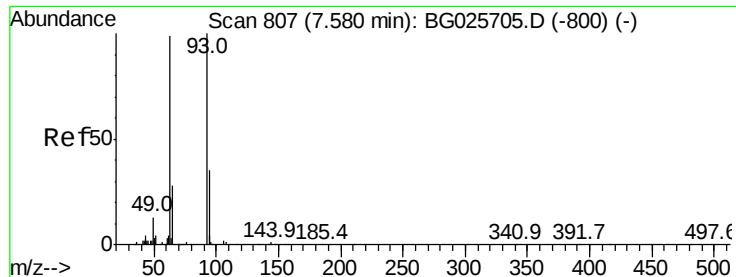
Ion Ratio Lower Upper

94 100

65 28.9 20.6 60.6

66 33.2 35.5 75.5#

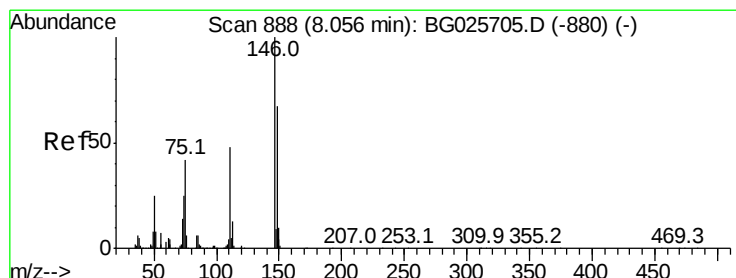
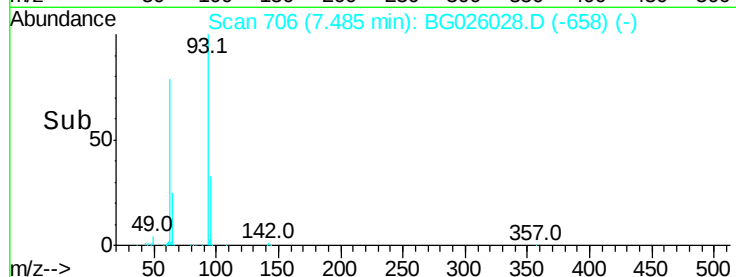
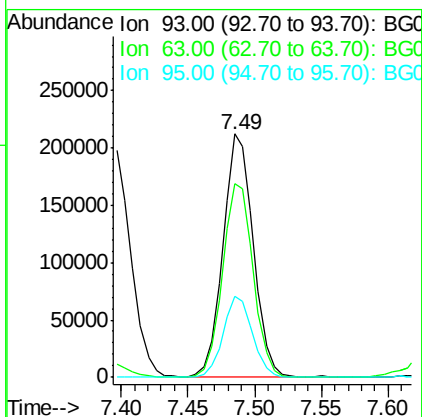
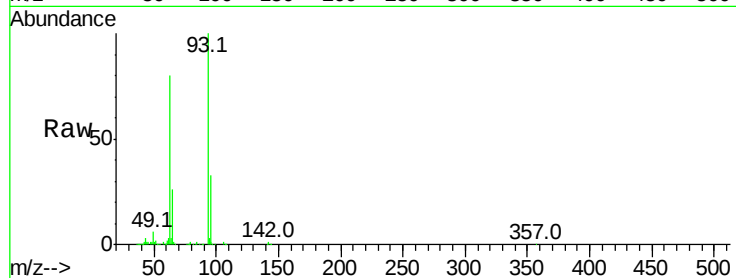




#11
bis(2-Chloroethyl)ether
Concen: 36.07 ng
RT: 7.49 min Scan# 706
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

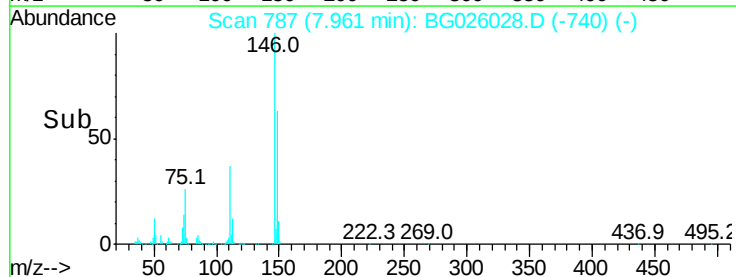
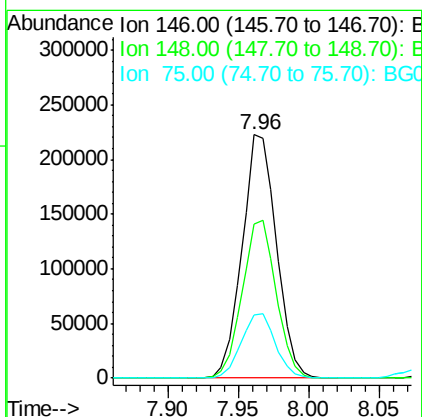
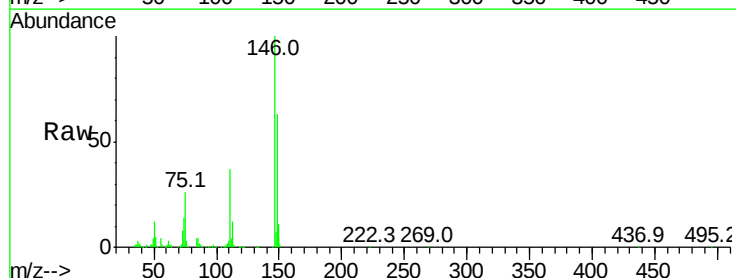
Instrument :
BNA_G
ClientSampleId :
PB97261BS

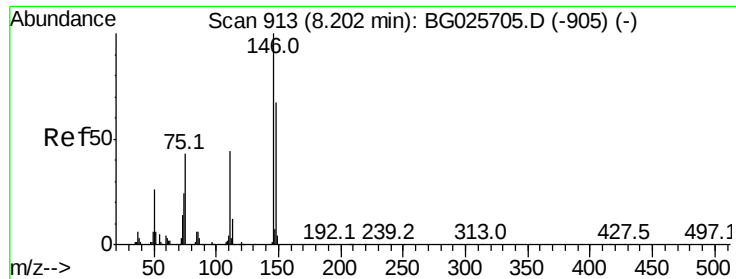
Tot Ion: 93 Resp: 336585
Ion Ratio Lower Upper
93 100
63 79.5 78.5 118.5
95 33.3 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 39.15 ng
RT: 7.96 min Scan# 787
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Tgt Ion: 146 Resp: 379703
Ion Ratio Lower Upper
146 100
148 63.3 49.2 73.8
75 25.8 33.4 50.2#

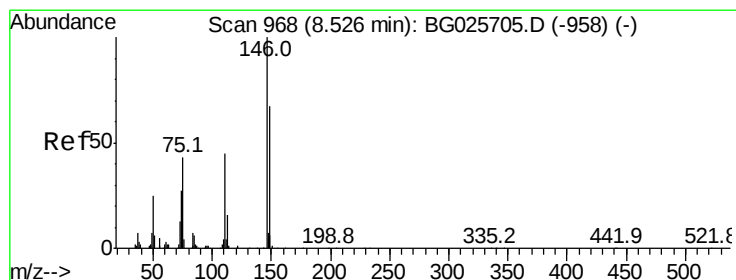
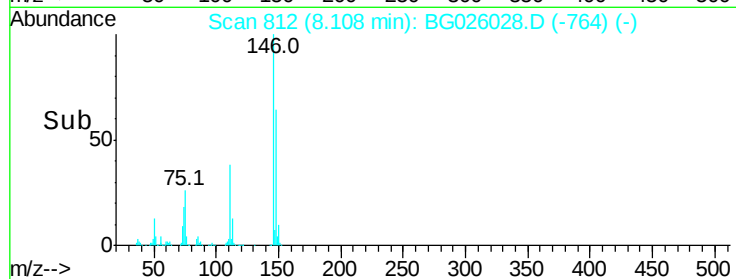
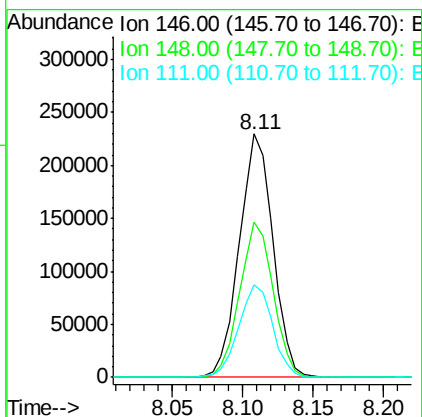
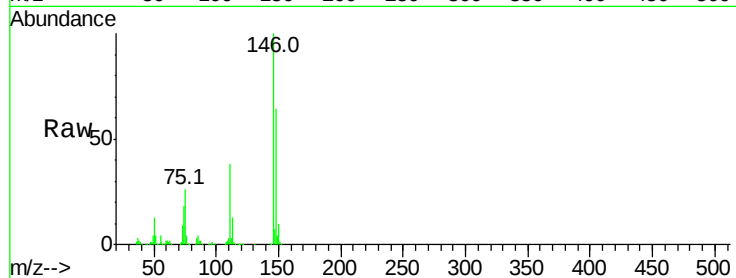




#13
 1,4-Dichlorobenzene
 Concen: 39.02 ng
 RT: 8.11 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BG026028.D
 Acq: 2 Mar 2017 14:00

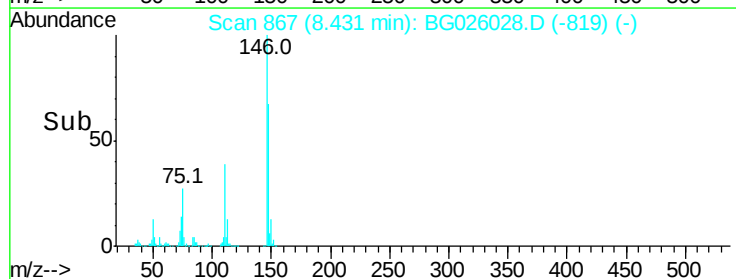
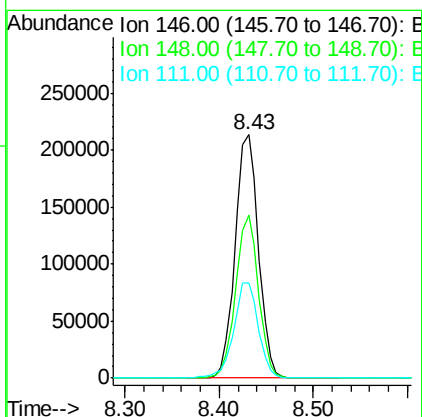
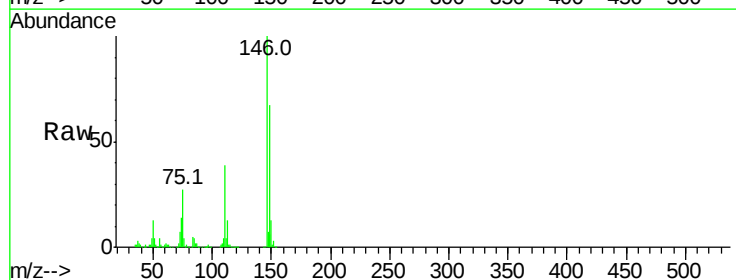
Instrument :
 BNA_G
 ClientSampleId :
 PB97261BS

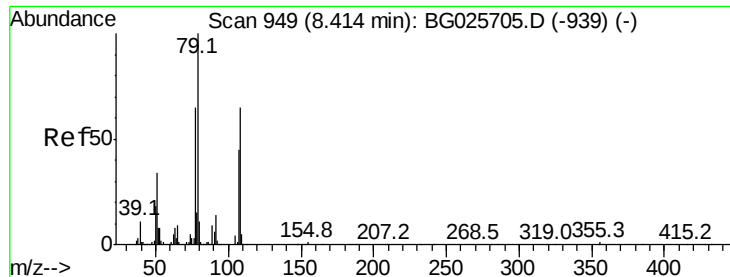
Tot Ion:146 Resp: 383304
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.2 78.2
 111 38.0 37.0 55.6



#14
 1,2-Dichlorobenzene
 Concen: 38.07 ng
 RT: 8.43 min Scan# 867
 Delta R.T. -0.02 min
 Lab File: BG026028.D
 Acq: 2 Mar 2017 14:00

Tgt Ion:146 Resp: 367135
 Ion Ratio Lower Upper
 146 100
 148 67.2 54.6 81.8
 111 39.3 39.7 59.5#





#15

Benzyl Alcohol

Concen: 38.24 ng

RT: 8.30 min Scan# 845

Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Instrument :

BNA_G

ClientSampleId :

PB97261BS

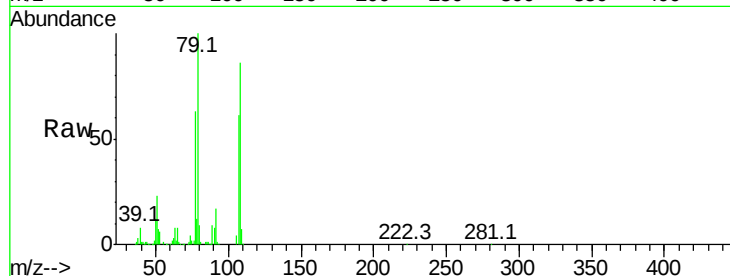
Tot Ion: 79 Resp: 292513

Ion Ratio Lower Upper

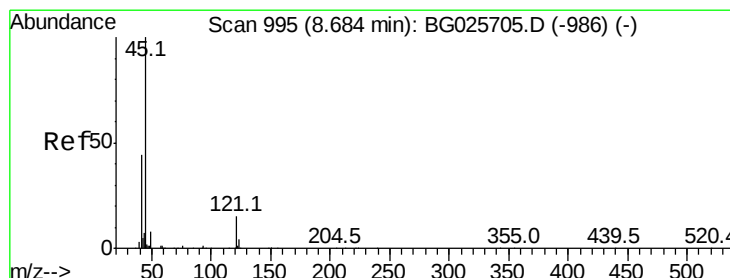
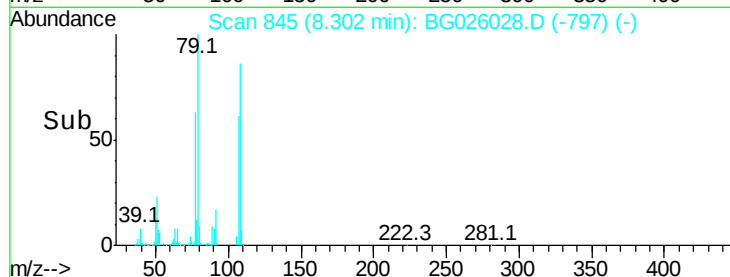
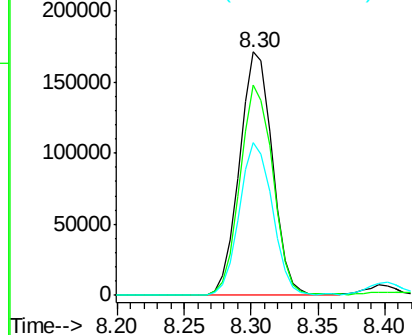
79 100

108 86.2 45.5 68.3#

77 62.8 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: 28.55 ng

RT: 8.60 min Scan# 896

Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

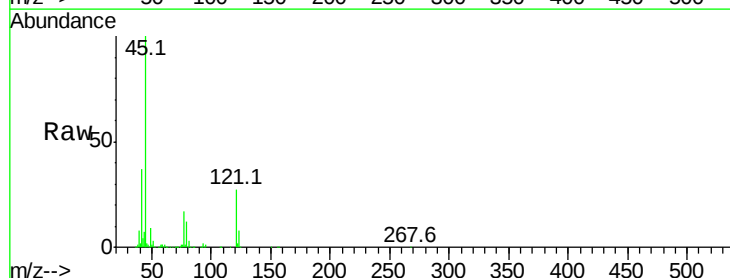
Tgt Ion: 45 Resp: 386596

Ion Ratio Lower Upper

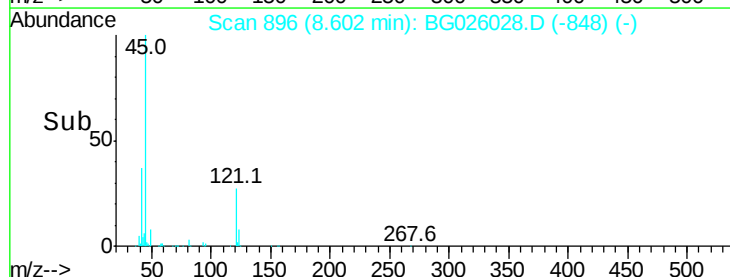
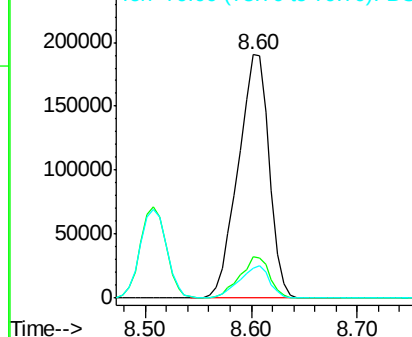
45 100

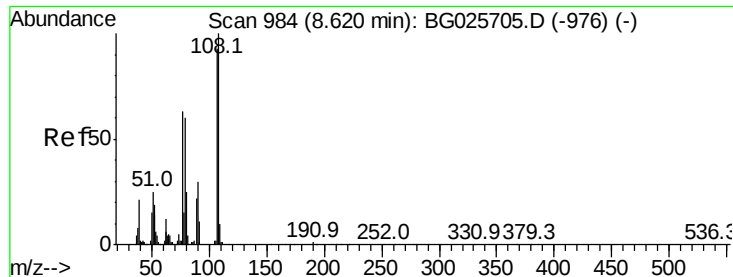
77 16.8 0.0 30.6

79 12.2 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: 37.79 ng

RT: 8.51 min Scan# 880

Delta R.T. -0.01 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Instrument :

BNA_G

ClientSampleId :

PB97261BS

Tot Ion:107 Resp: 309047

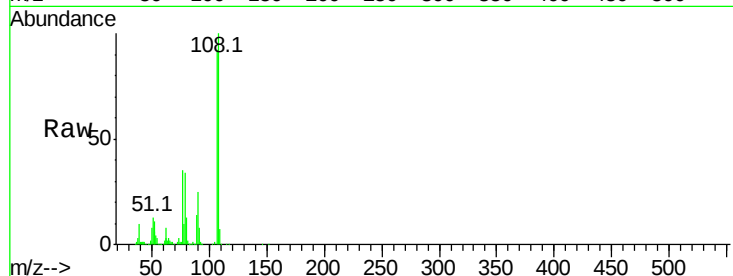
Ion Ratio Lower Upper

107 100

108 108.6 85.6 128.4

77 38.5 51.4 77.2#

79 37.4 49.2 73.8#

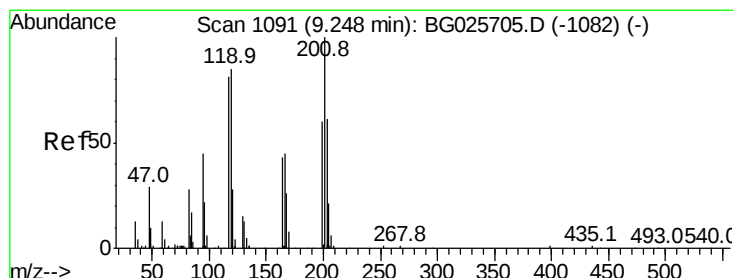
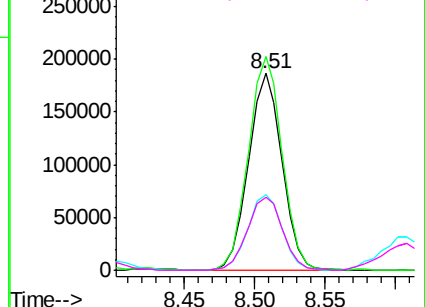
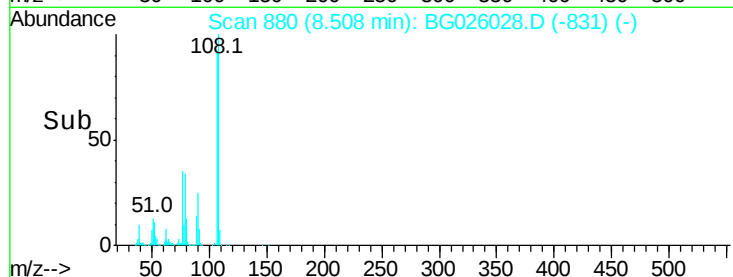


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.55 ng

RT: 9.16 min Scan# 991

Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

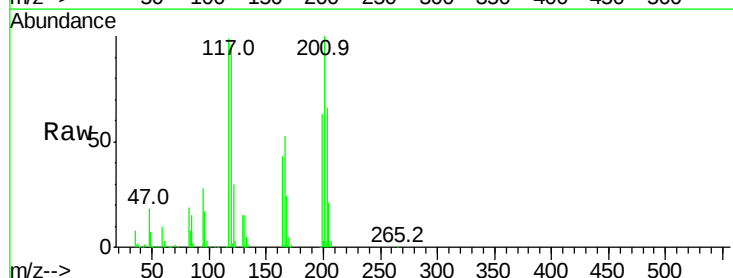
Tgt Ion:117 Resp: 128756

Ion Ratio Lower Upper

117 100

119 96.4 69.8 104.6

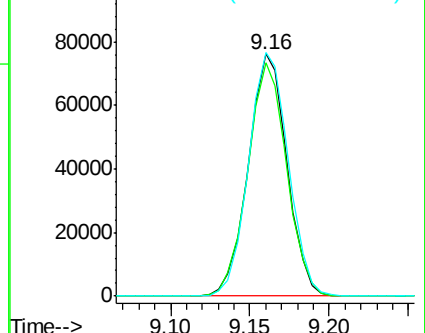
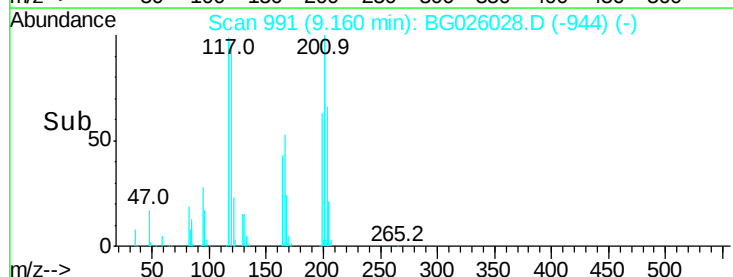
201 100.6 95.4 143.0

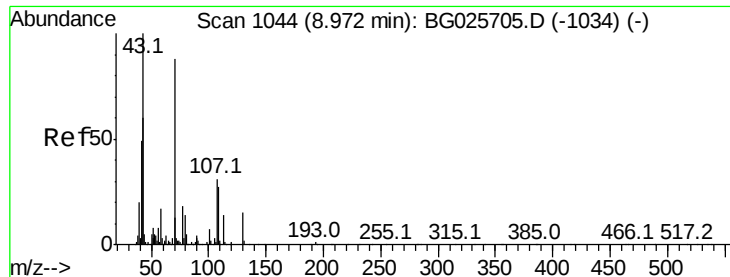


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

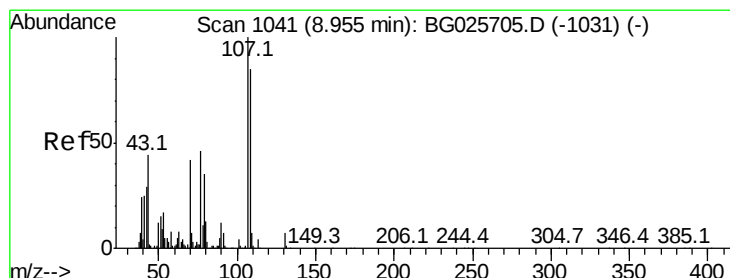
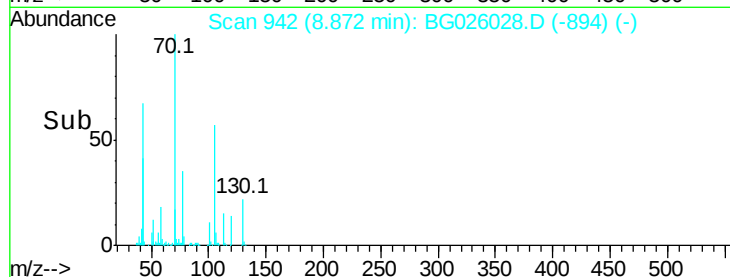
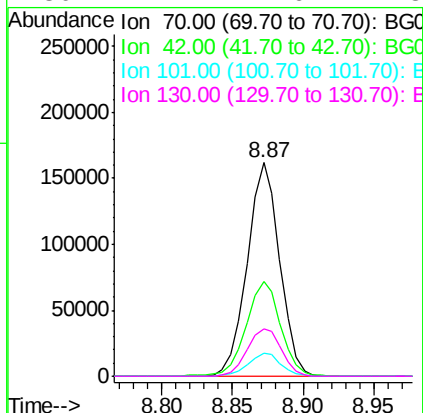
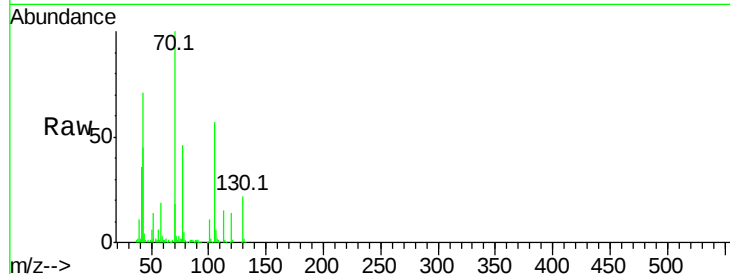




#19
n-Nitroso-di-n-propylamine
Concen: 34.06 ng
RT: 8.87 min Scan# 942
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

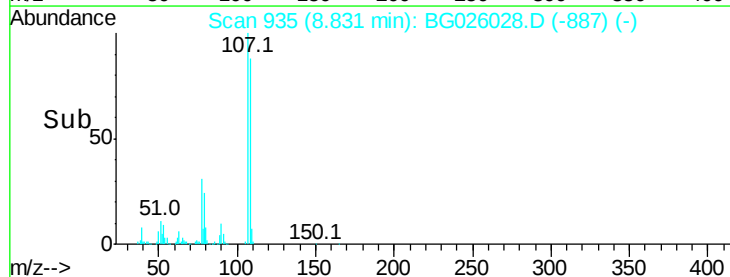
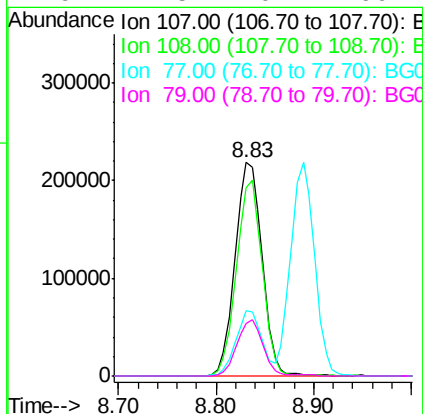
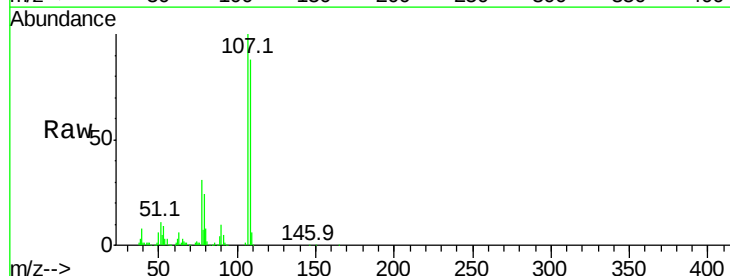
Instrument :
BNA_G
ClientSampleId :
PB97261BS

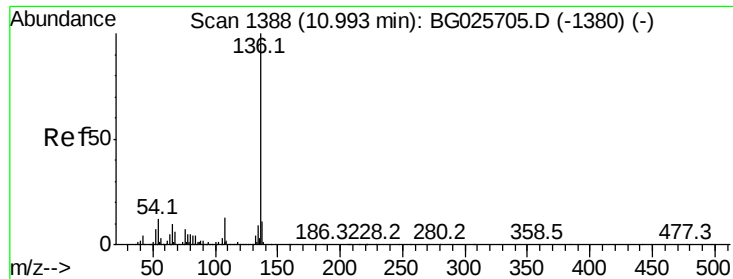
Tot Ion: 70 Resp: 259829
Ion Ratio Lower Upper
70 100
42 44.6 56.1 84.1#
101 10.8 7.5 11.3
130 22.4 14.6 21.8#



#20
3+4-Methylphenols
Concen: 36.07 ng
RT: 8.83 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Tgt Ion: 107 Resp: 420197
Ion Ratio Lower Upper
107 100
108 88.0 70.8 110.8
77 30.9 25.8 65.8
79 24.5 20.1 60.1

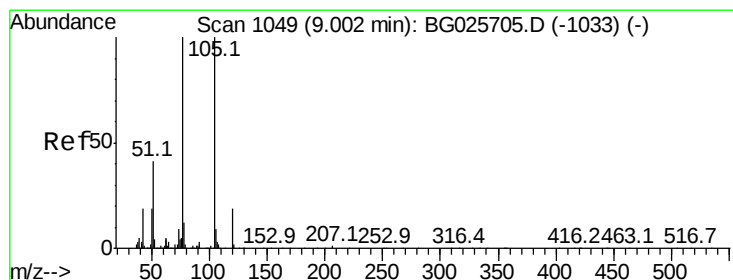
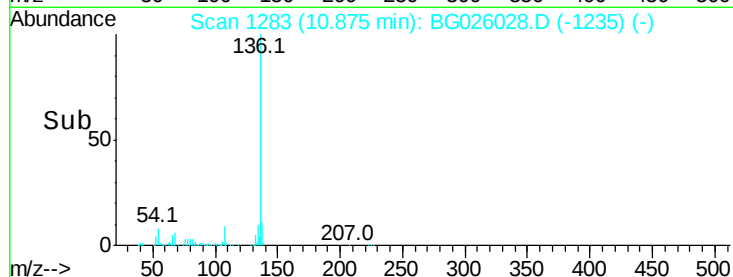
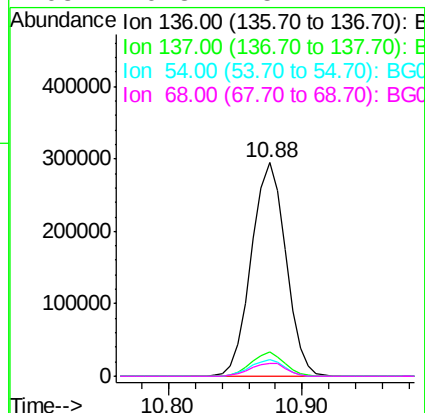
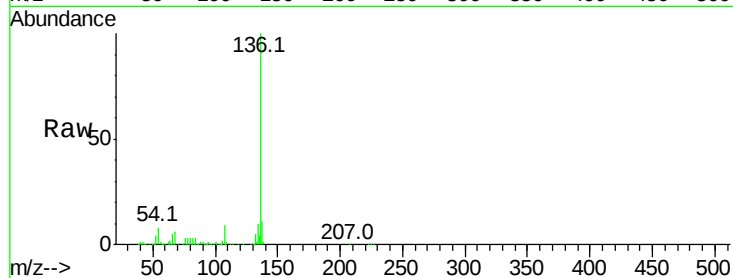




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

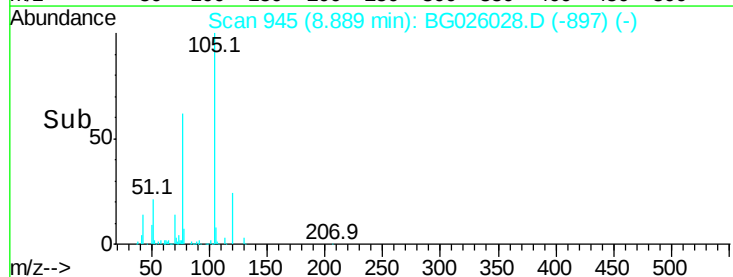
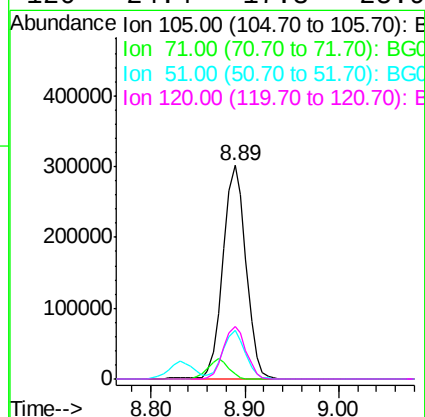
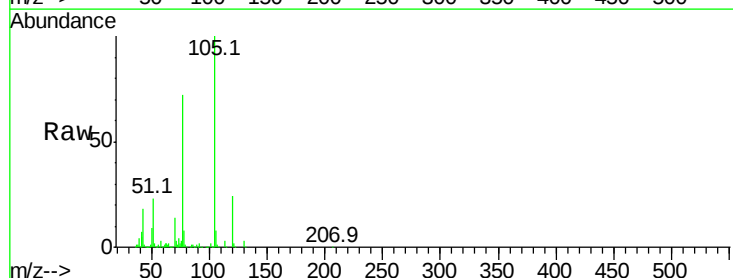
Instrument :
BNA_G
ClientSampleId :
PB97261BS

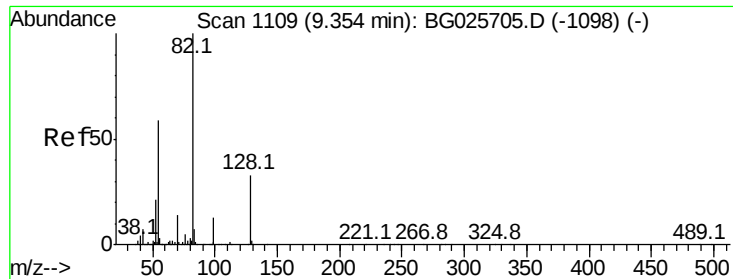
Tot Ion:	136	Resp:	525311
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.6	9.3	13.9#
68	6.3	5.1	7.7



#22
Acetophenone
Concen: 40.60 ng
RT: 8.89 min Scan# 945
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Tgt Ion:	105	Resp:	511774
Ion	Ratio	Lower	Upper
105	100		
71	2.6	0.9	1.3#
51	22.7	34.0	51.0#
120	24.4	17.3	25.9

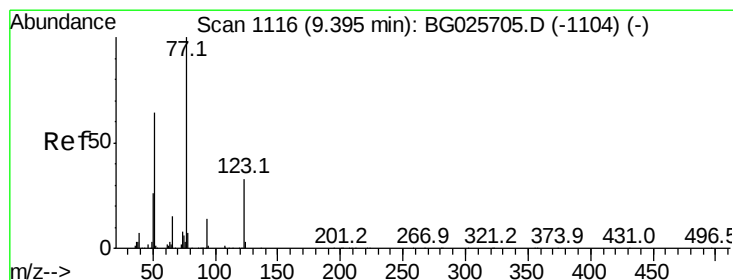
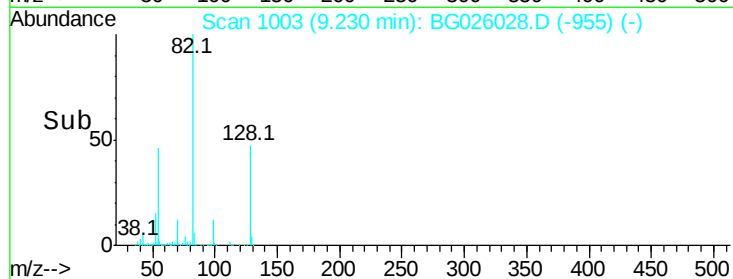
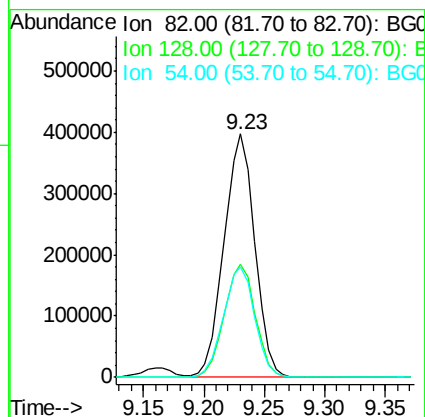
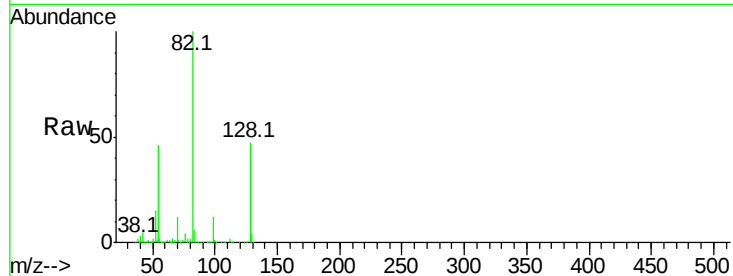




#23
 Nitrobenzene-d5
 Concen: 84.08 ng
 RT: 9.23 min Scan# 1003
 Delta R.T. -0.02 min
 Lab File: BG026028.D
 Acq: 2 Mar 2017 14:00

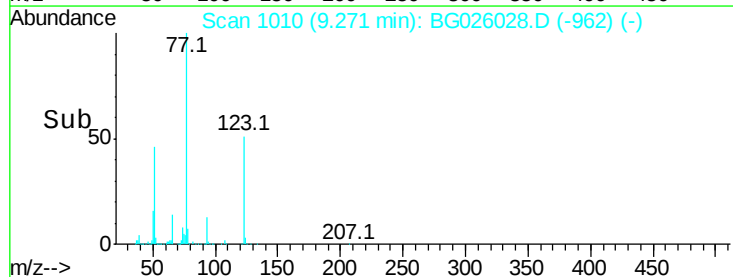
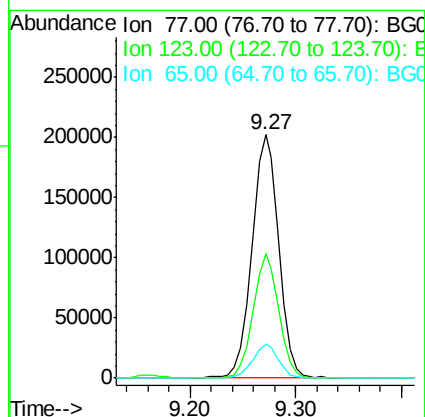
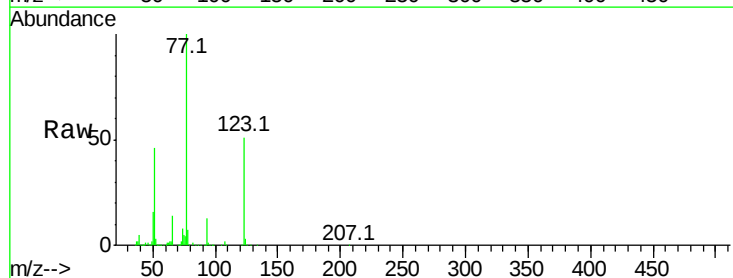
Instrument :
 BNA_G
 ClientSampleId :
 PB97261BS

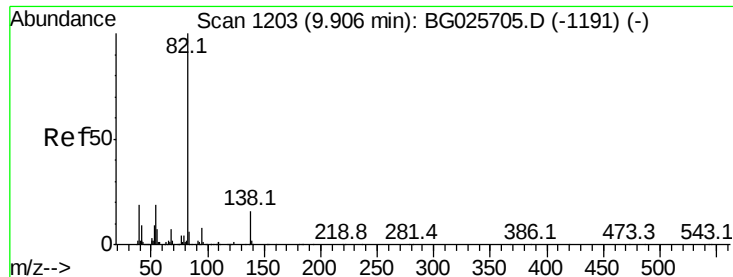
Tot Ion: 82 Resp: 699887
 Ion Ratio Lower Upper
 82 100
 128 46.7 26.4 39.6#
 54 45.5 49.4 74.2#



#24
 Nitrobenzene
 Concen: 39.43 ng
 RT: 9.27 min Scan# 1010
 Delta R.T. -0.02 min
 Lab File: BG026028.D
 Acq: 2 Mar 2017 14:00

Tgt Ion: 77 Resp: 354958
 Ion Ratio Lower Upper
 77 100
 123 51.2 26.1 39.1#
 65 14.0 12.4 18.6





#25

Isophorone

Concen: 39.52 ng

RT: 9.79 min Scan# 1099

Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Instrument :

BNA_G

ClientSampled :

PB97261BS

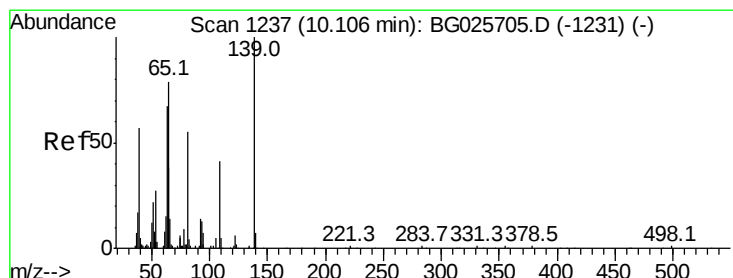
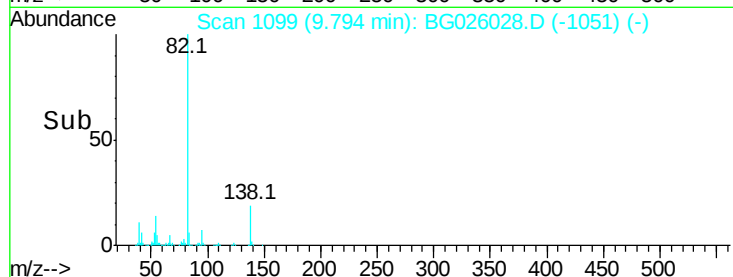
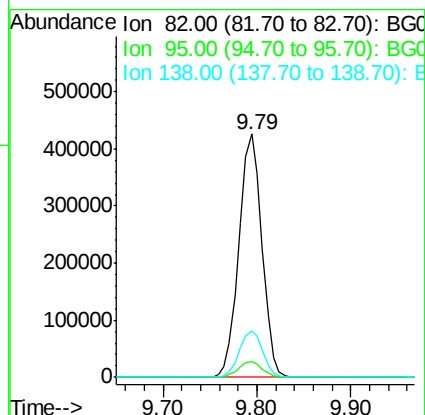
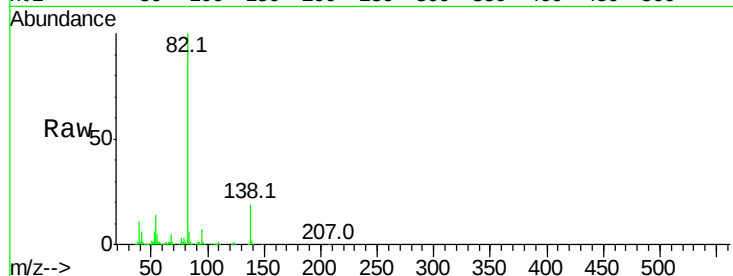
Tot Ion: 82 Resp: 723938

Ion Ratio Lower Upper

82 100

95 6.5 7.5 11.3#

138 19.3 12.3 18.5#



#26

2-Nitrophenol

Concen: 43.99 ng

RT: 9.98 min Scan# 1131

Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

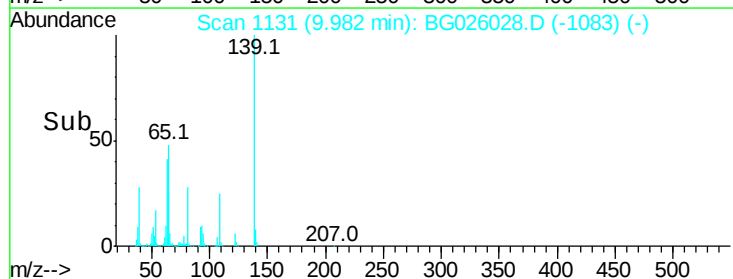
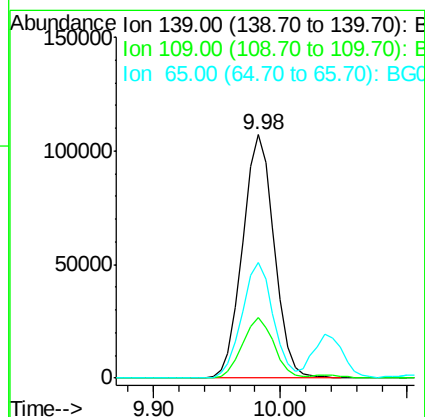
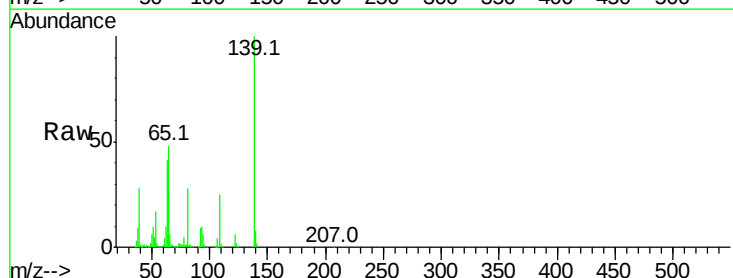
Tgt Ion: 139 Resp: 185159

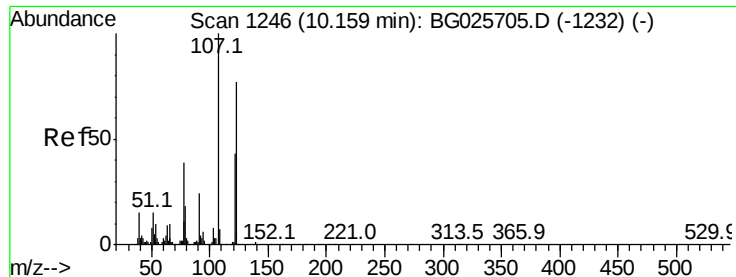
Ion Ratio Lower Upper

139 100

109 24.6 38.6 58.0#

65 47.7 57.1 85.7#

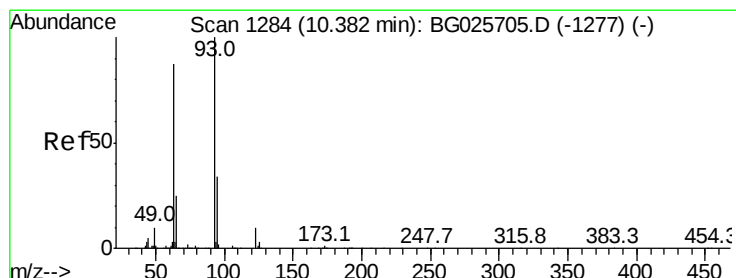
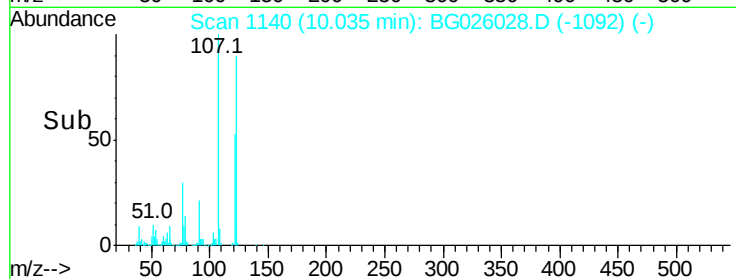
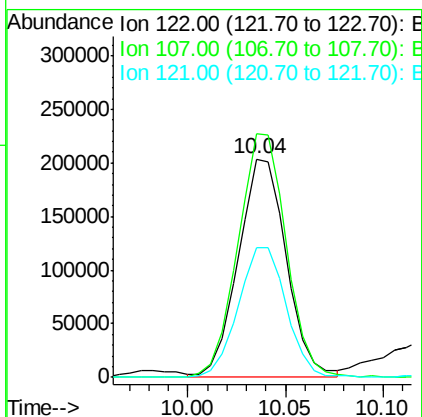
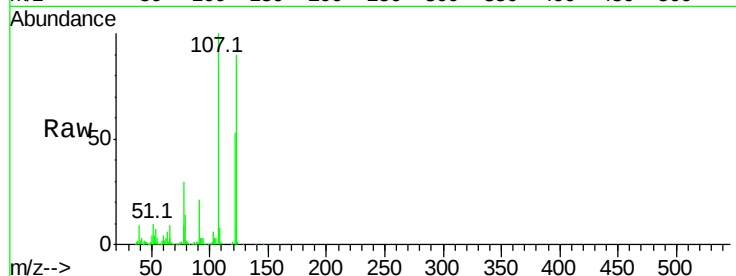




#27
 2,4-Dimethylphenol
 Concen: 44.10 ng
 RT: 10.04 min Scan# 1140
 Delta R.T. -0.02 min
 Lab File: BG026028.D
 Acq: 2 Mar 2017 14:00

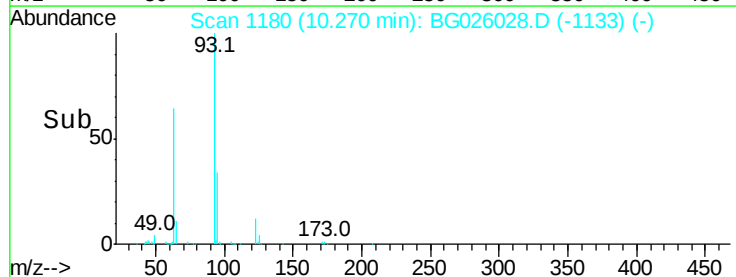
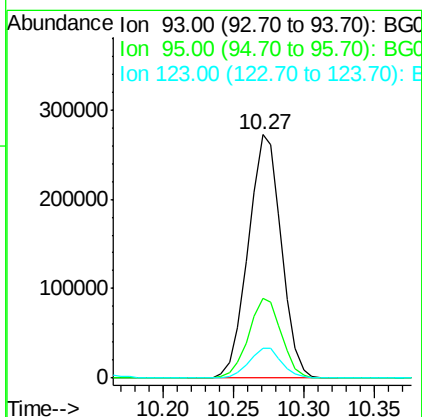
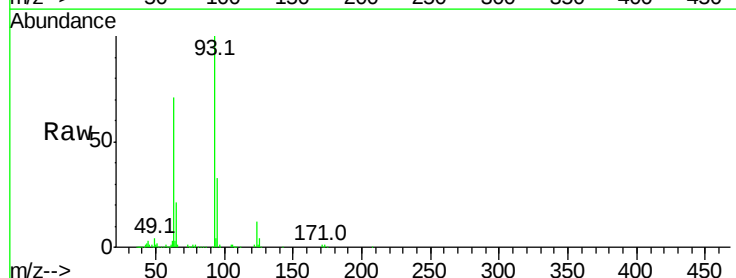
Instrument :
 BNA_G
 ClientSampleId :
 PB97261BS

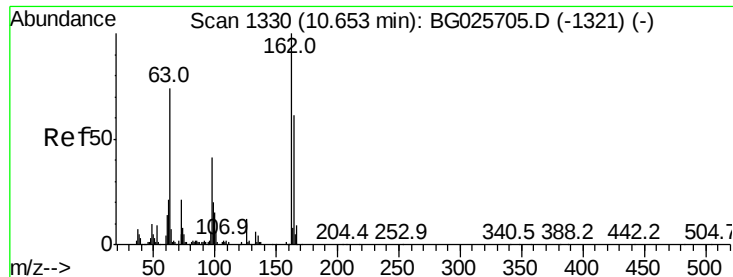
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.4	104.2	156.4
121	59.5	46.0	69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.58 ng
 RT: 10.27 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BG026028.D
 Acq: 2 Mar 2017 14:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.7	38.5
123	12.2	8.3	12.5





#29

2,4-Dichlorophenol

Concen: 44.49 ng

RT: 10.52 min Scan# 1222

Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Instrument :

BNA_G

ClientSampleId :

PB97261BS

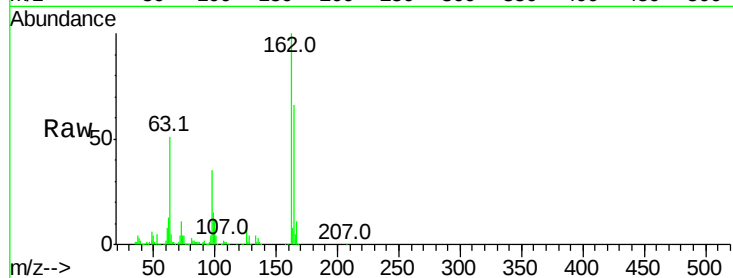
Tot Ion:162 Resp: 333574

Ion Ratio Lower Upper

162 100

164 65.5 42.4 82.4

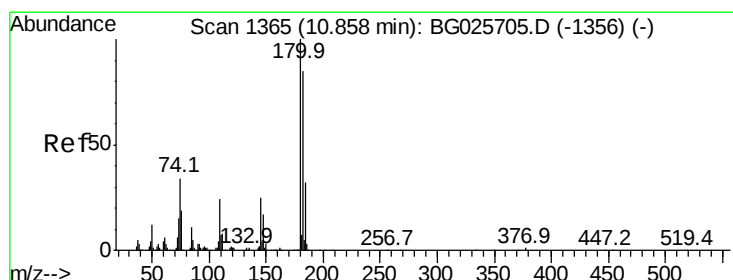
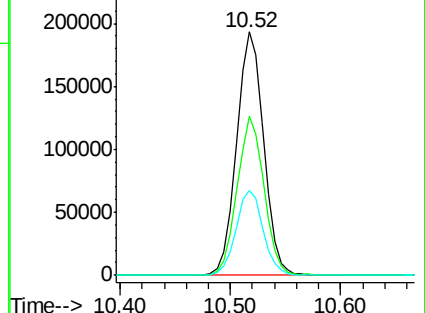
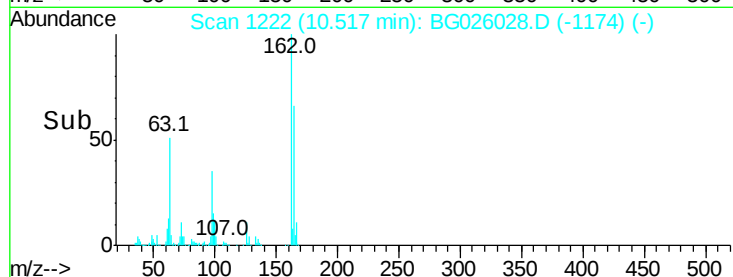
98 34.7 20.3 60.3



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: 42.60 ng

RT: 10.73 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

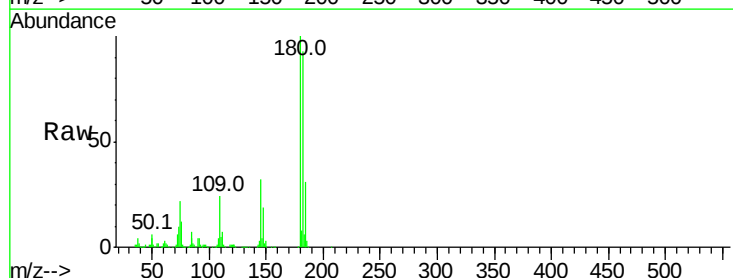
Tgt Ion:180 Resp: 347377

Ion Ratio Lower Upper

180 100

182 93.3 77.0 115.4

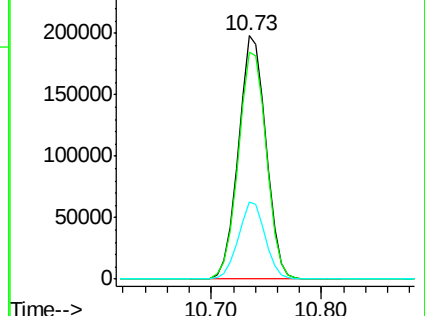
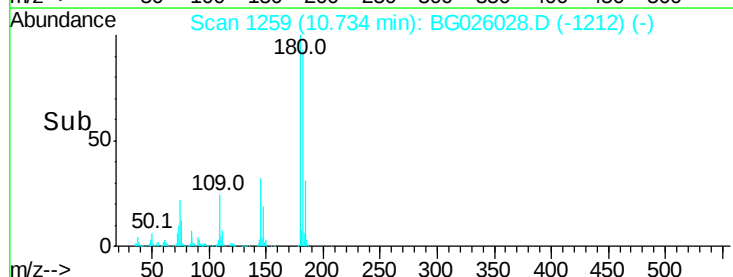
145 31.8 23.4 35.0

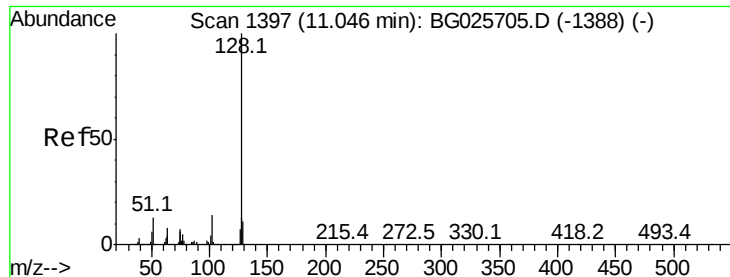


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

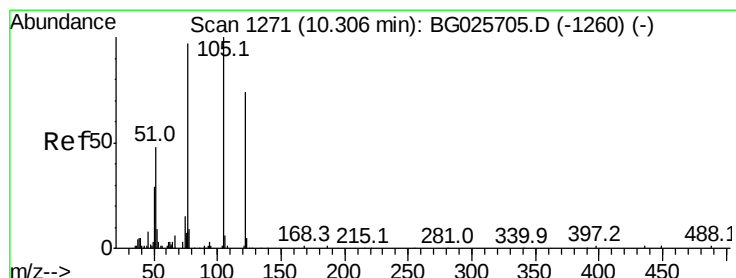
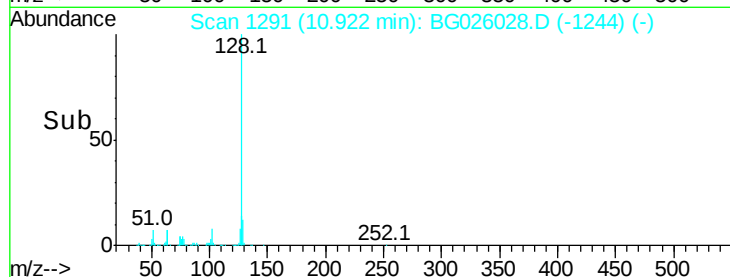
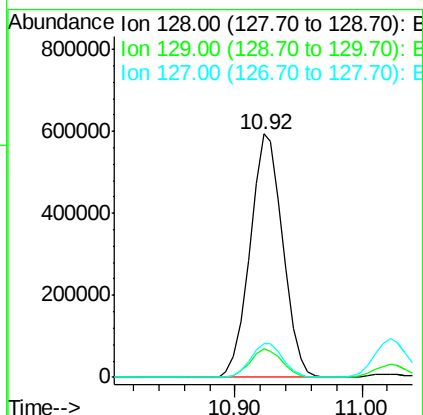
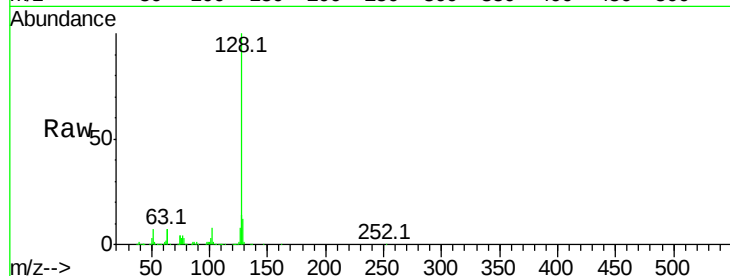




#31
Naphthalene
Concen: 39.21 ng
RT: 10.92 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

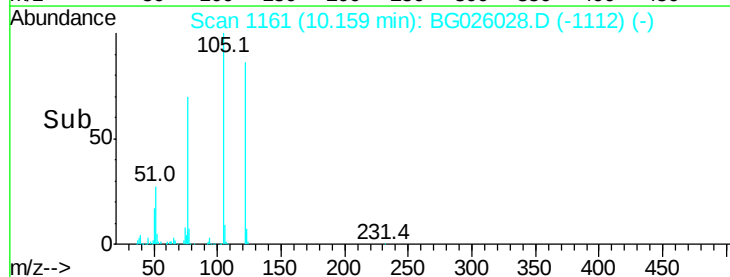
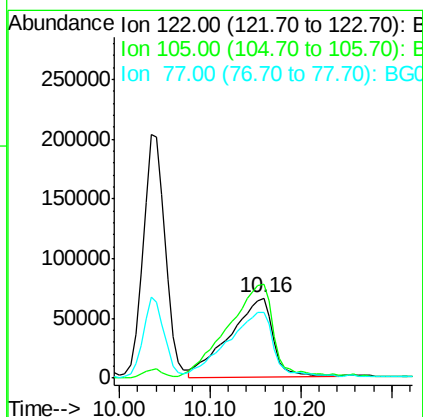
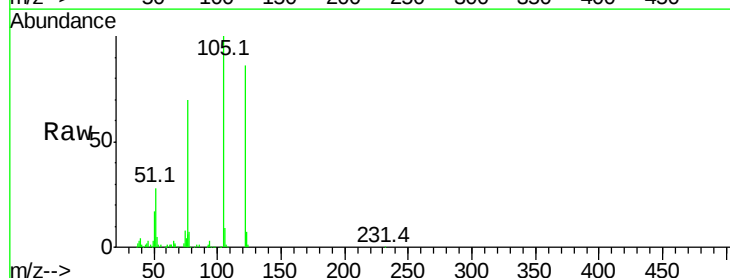
Instrument :
BNA_G
ClientSampleId :
PB97261BS

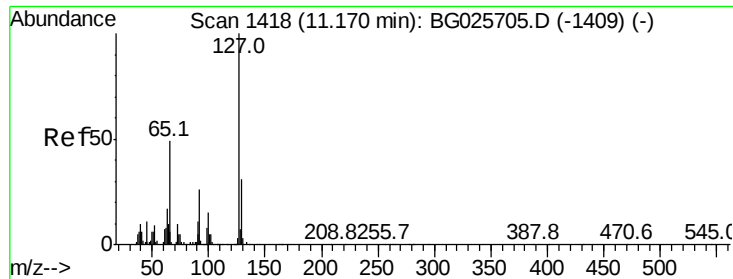
Tot Ion:128 Resp: 1064828
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 14.0 11.4 17.0



#32
Benzoic acid
Concen: 36.69 ng
RT: 10.16 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Tgt Ion:122 Resp: 220099
Ion Ratio Lower Upper
122 100
105 116.4 120.1 160.1#
77 81.2 104.6 144.6#

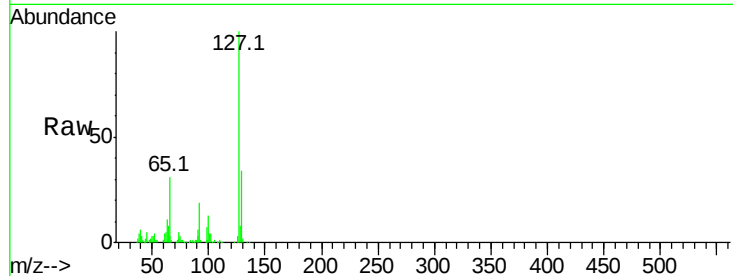




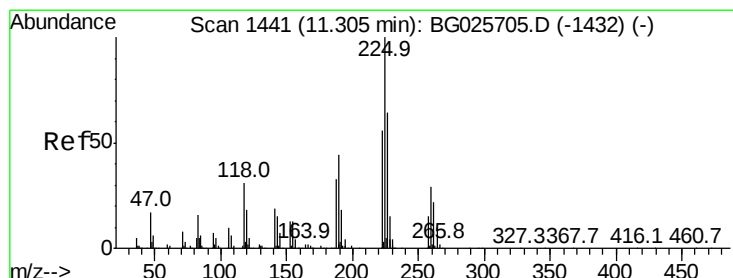
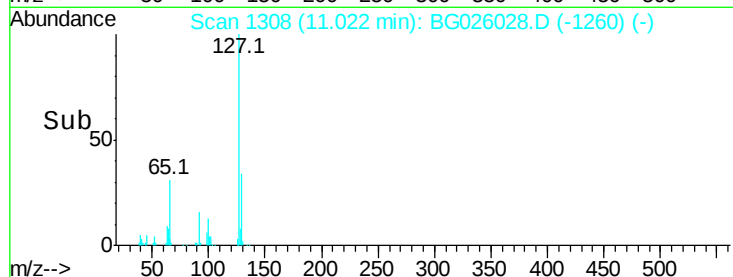
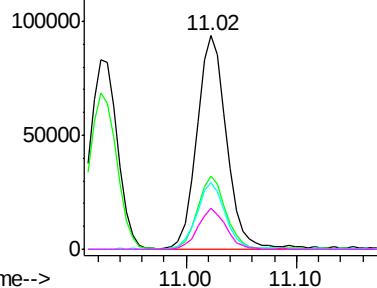
#33
4-Chloroaniline
Concen: 14.83 ng
RT: 11.02 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Instrument :
BNA_G
ClientSampled :
PB97261BS

Tot Ion:	127	Resp:	174972
Ion	Ratio	Lower	Upper
127	100		
129	34.0	23.6	35.4
65	31.0	37.7	56.5#
92	18.9	17.6	26.4

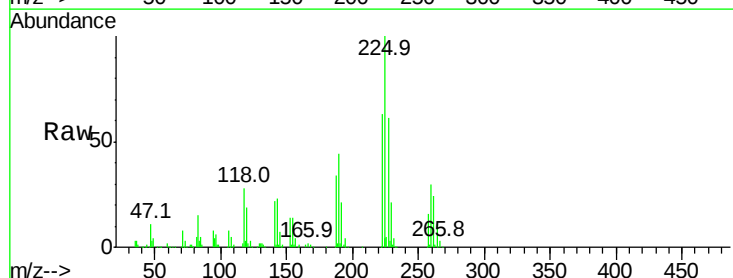


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

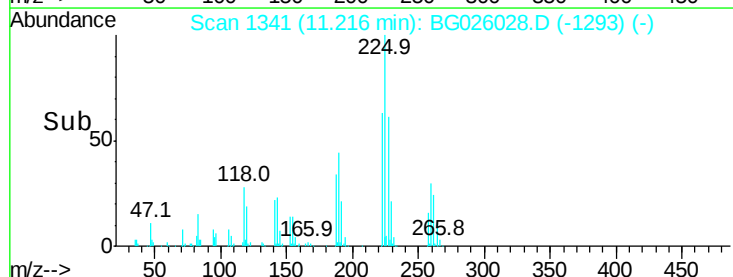
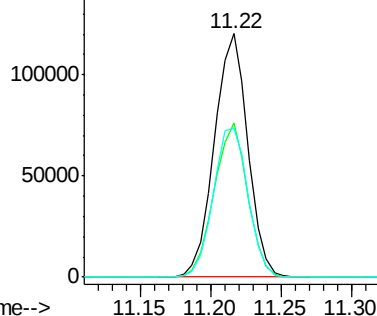


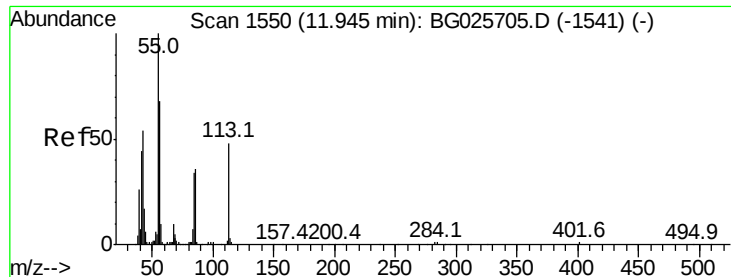
#34
Hexachlorobutadiene
Concen: 43.03 ng
RT: 11.22 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Tgt Ion:	225	Resp:	199691
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.7	76.1
227	61.4	49.0	73.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 31.45 ng

RT: 11.78 min Scan# 1437

Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Instrument :

BNA_G

ClientSampleId :

PB97261BS

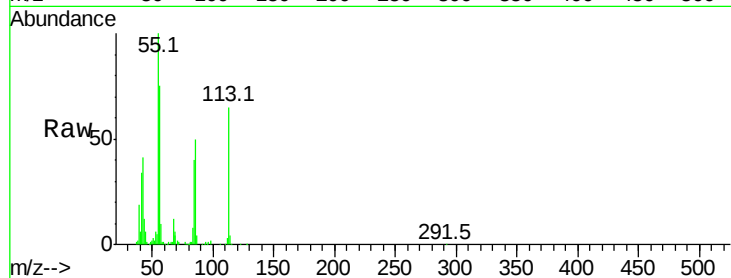
Tot Ion:113 Resp: 95218

Ion Ratio Lower Upper

113 100

55 154.7 198.6 238.6#

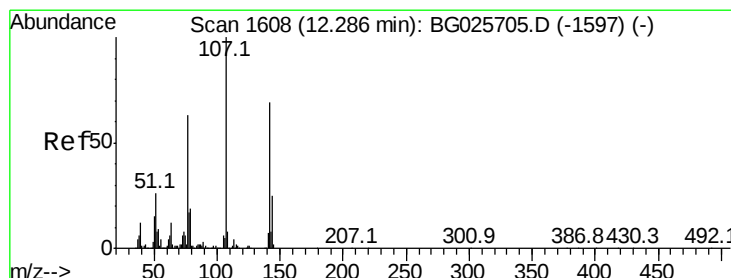
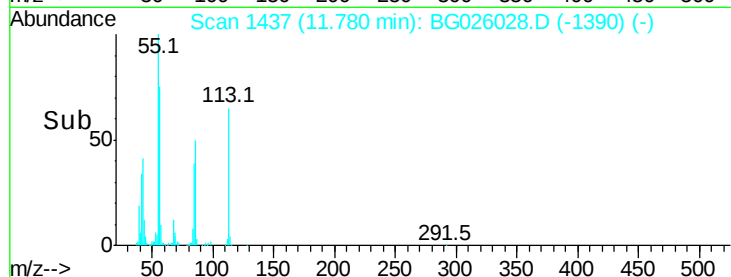
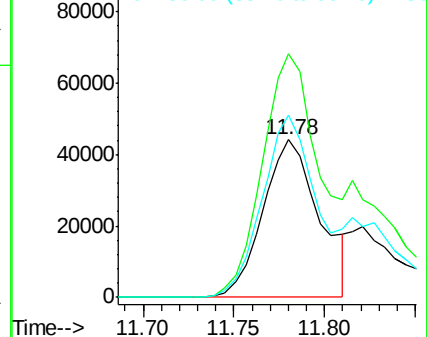
56 116.0 140.4 180.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 41.01 ng

RT: 12.14 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

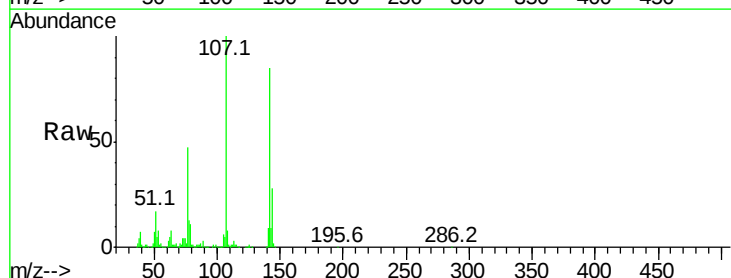
Tgt Ion:107 Resp: 367888

Ion Ratio Lower Upper

107 100

144 28.2 17.4 26.0#

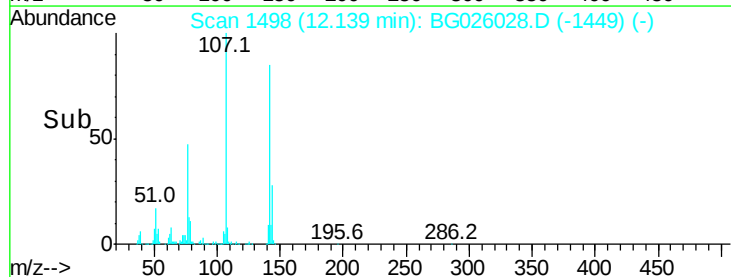
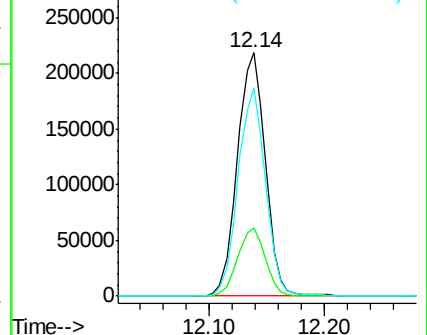
142 85.1 54.1 81.1#

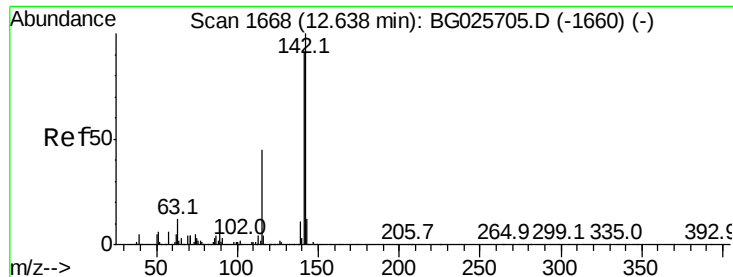


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

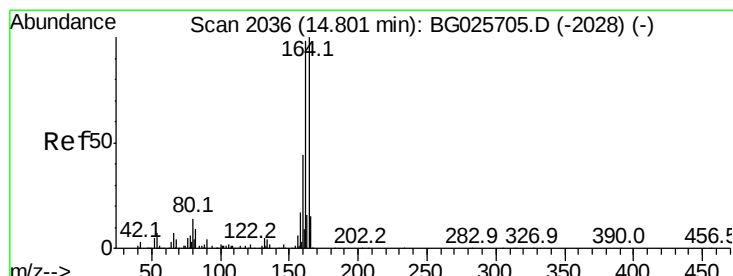
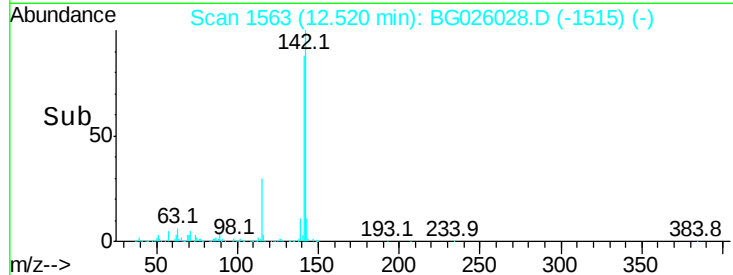
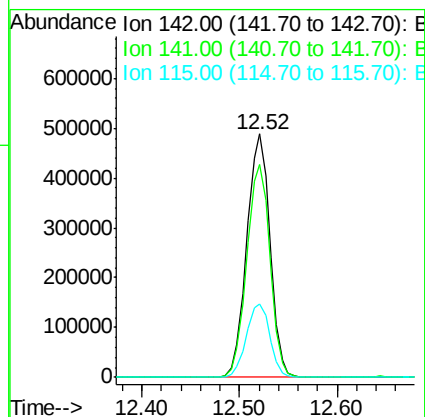
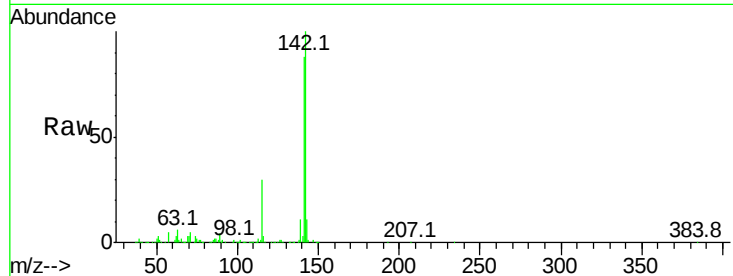




#37
2-Methylnaphthalene
Concen: 39.26 ng
RT: 12.52 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

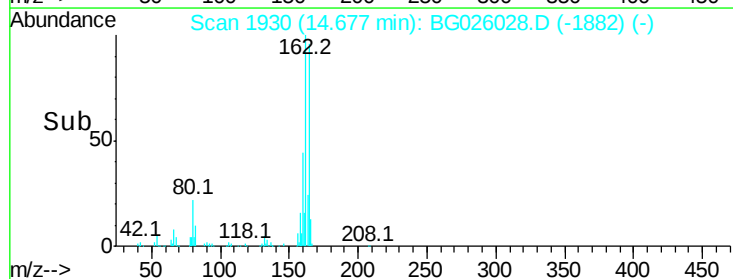
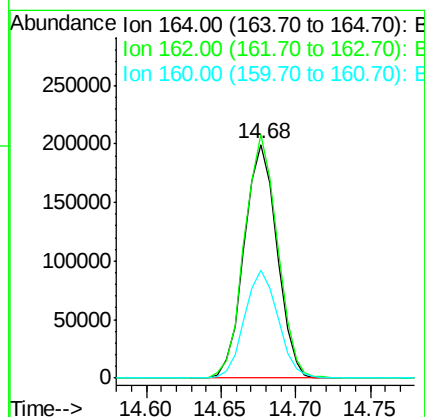
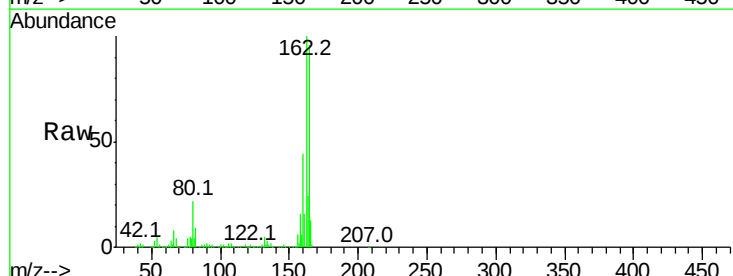
Instrument :
BNA_G
ClientSampleId :
PB97261BS

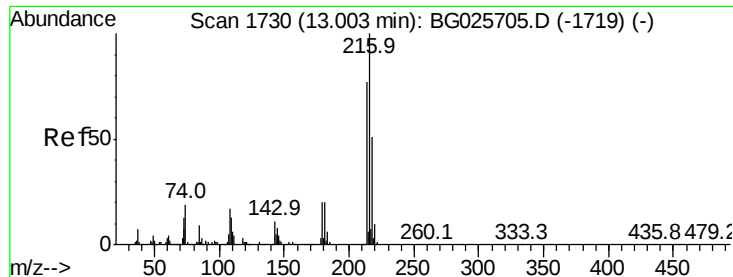
Tot Ion:142 Resp: 812171
Ion Ratio Lower Upper
142 100
141 87.6 70.4 105.6
115 30.3 35.5 53.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.68 min Scan# 1930
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Tgt Ion:164 Resp: 303361
Ion Ratio Lower Upper
164 100
162 104.2 85.1 127.7
160 46.1 34.7 52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.00 ng

RT: 12.88 min Scan# 1625

Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Instrument :

BNA_G

ClientSampleId :

PB97261BS

Tot Ion:216 Resp: 364991

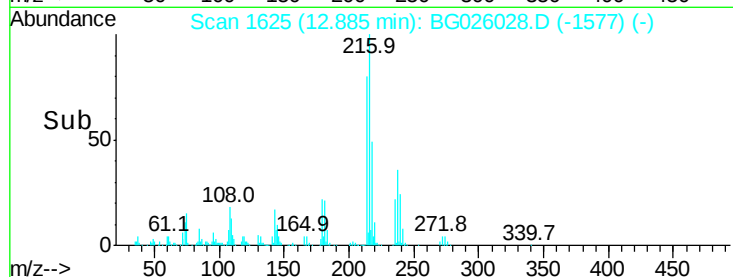
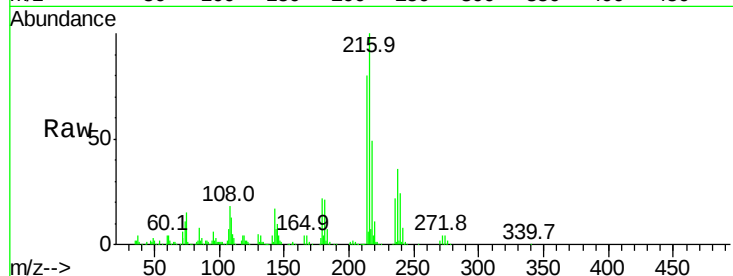
Ion	Ratio	Lower	Upper
216	100		
214	77.7	64.4	96.6
179	21.3	17.4	26.0
108	19.6	15.6	23.4

216 100

214 77.7 64.4 96.6

179 21.3 17.4 26.0

108 19.6 15.6 23.4

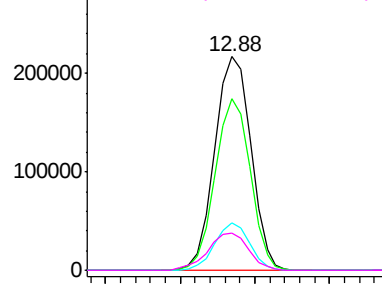


Abundance Ion 216.00 (215.70 to 216.70): E

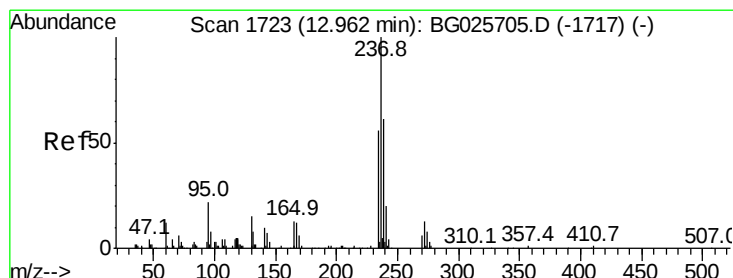
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 98.41 ng

RT: 12.87 min Scan# 1622

Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

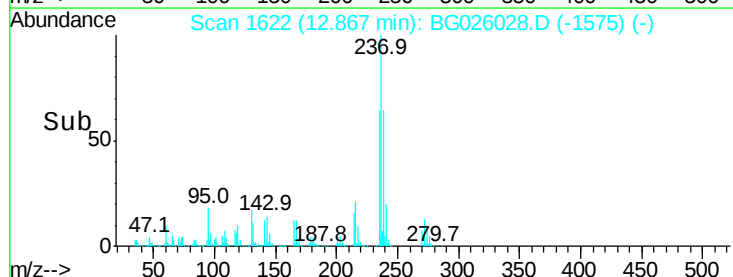
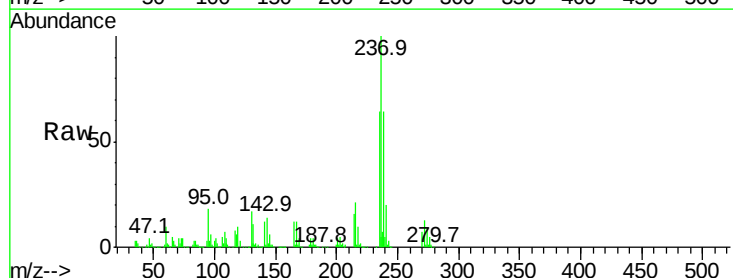
Tgt Ion:237 Resp: 409437

Ion	Ratio	Lower	Upper
237	100		
235	64.2	39.4	79.4
272	12.7	0.0	32.0

237 100

235 64.2 39.4 79.4

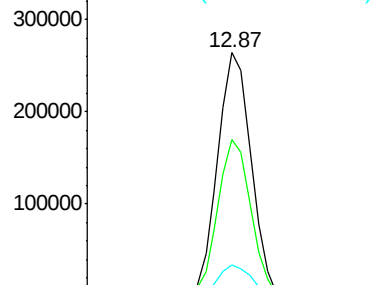
272 12.7 0.0 32.0



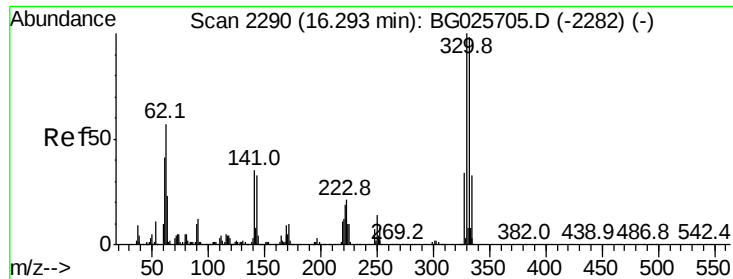
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



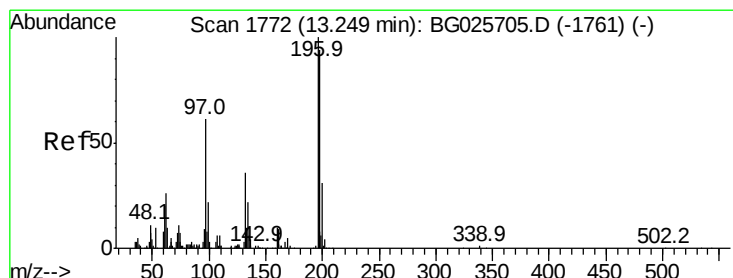
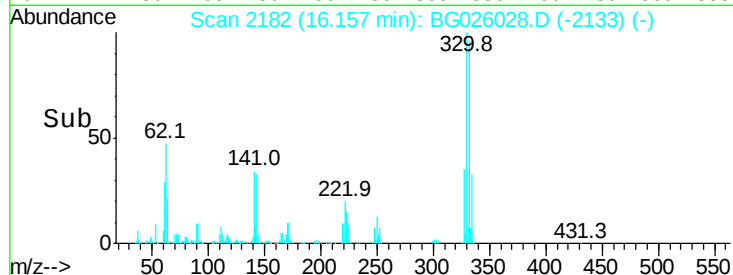
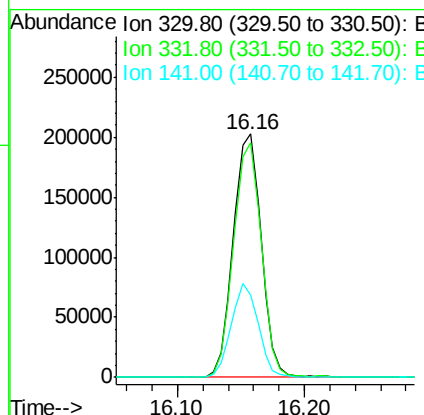
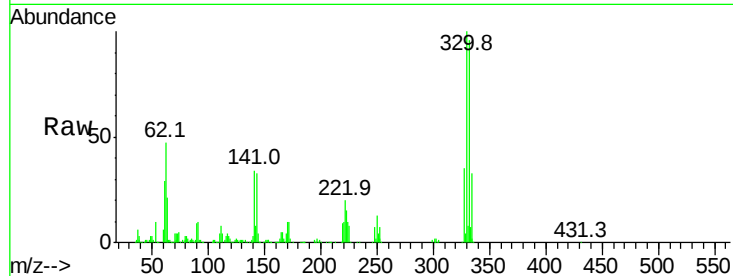
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 110.49 ng
 RT: 16.16 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BG026028.D
 Acq: 2 Mar 2017 14:00

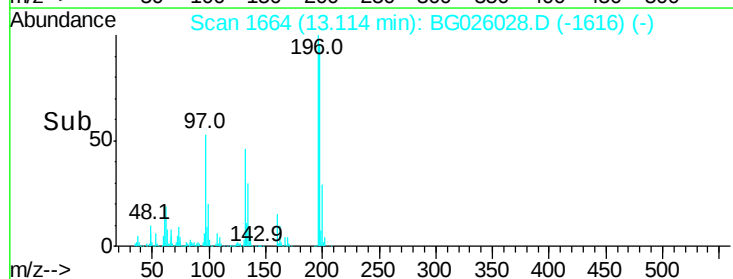
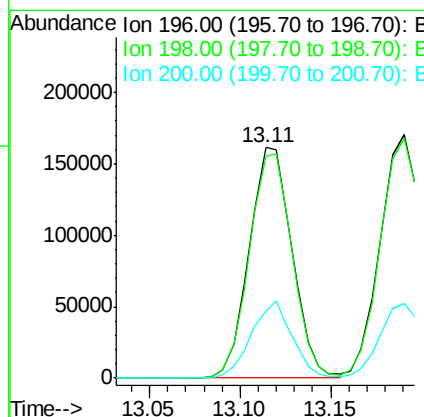
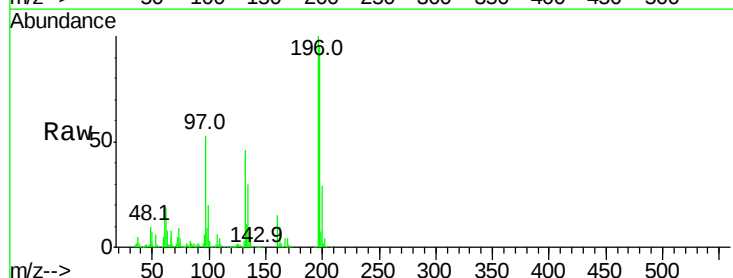
Instrument :
 BNA_G
 ClientSampleId :
 PB97261BS

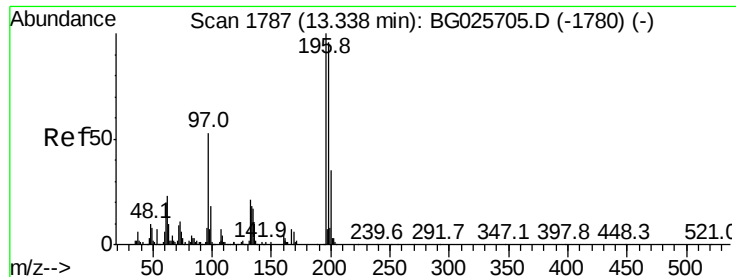
Tot Ion:330 Resp: 309675
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.3 115.9
 141 37.0 32.1 48.1



#42
 2,4,6-Trichlorophenol
 Concen: 54.12 ng
 RT: 13.11 min Scan# 1664
 Delta R.T. -0.02 min
 Lab File: BG026028.D
 Acq: 2 Mar 2017 14:00

Tgt Ion:196 Resp: 265784
 Ion Ratio Lower Upper
 196 100
 198 96.0 81.4 122.2
 200 29.2 27.0 40.6

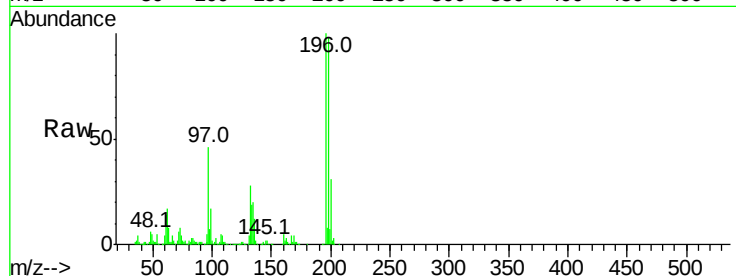




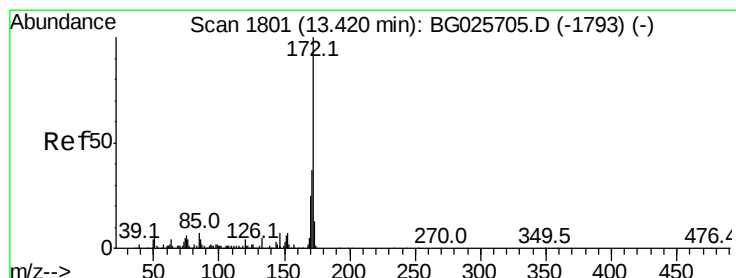
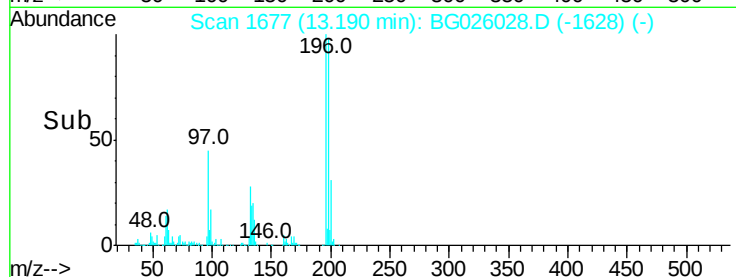
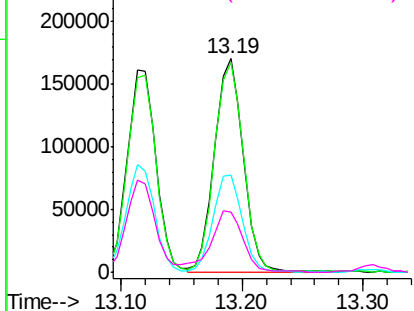
#43
2,4,5-Trichlorophenol
Concen: 50.02 ng
RT: 13.19 min Scan# 1677
Delta R.T. -0.01 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Instrument :
BNA_G
ClientSampleId :
PB97261BS

Tot Ion:	196	Resp:	278844
Ion	Ratio	Lower	Upper
196	100		
198	98.5	79.9	119.9
97	45.6	45.4	68.0
132	28.2	20.7	31.1

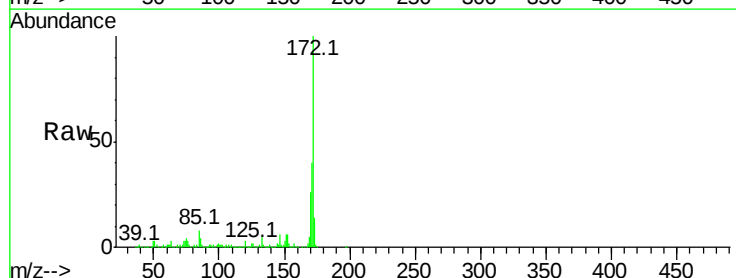


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

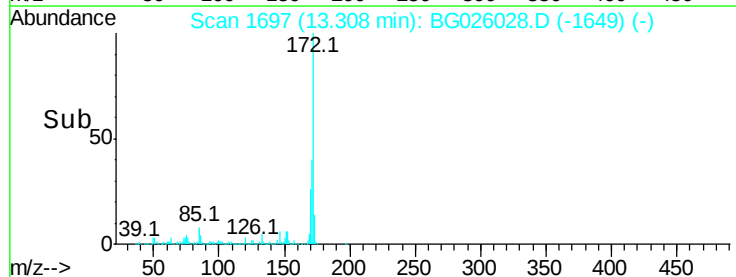
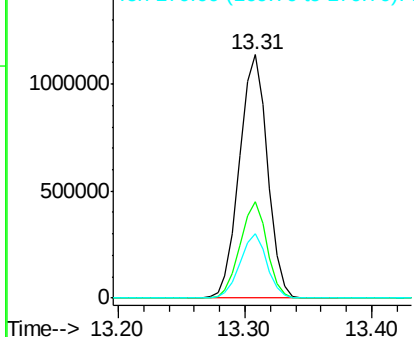


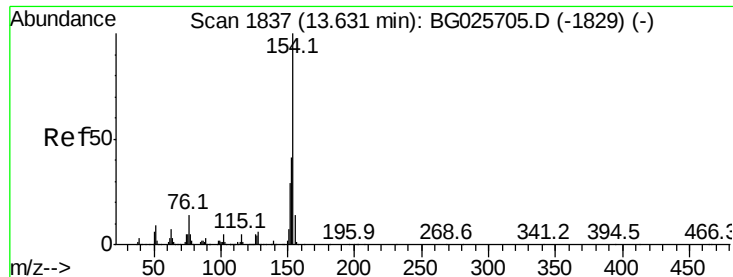
#44
2-Fluorobiphenyl
Concen: 100.36 ng
RT: 13.31 min Scan# 1697
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Tgt Ion:	172	Resp:	1742346
Ion	Ratio	Lower	Upper
172	100		
171	39.8	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: 47.06 ng

RT: 13.51 min Scan# 1732

Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Instrument :

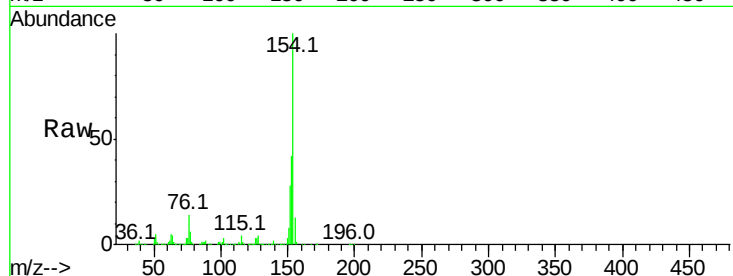
BNA_G

ClientSampleId :

PB97261BS

Tot Ion:154 Resp: 1034634

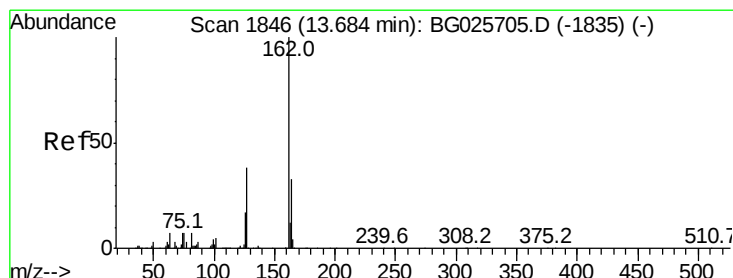
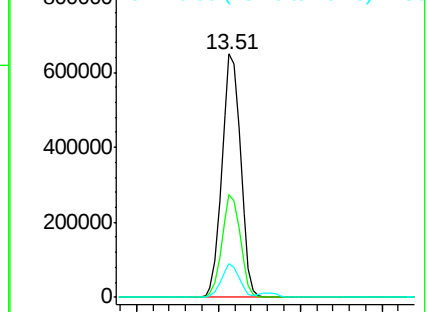
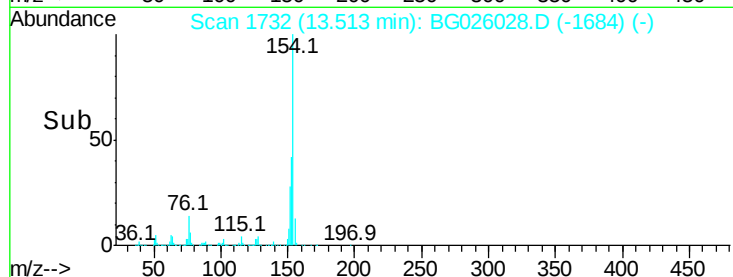
Ion	Ratio	Lower	Upper
154	100		
153	42.4	23.0	63.0
76	13.6	0.0	33.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 46.83 ng

RT: 13.56 min Scan# 1740

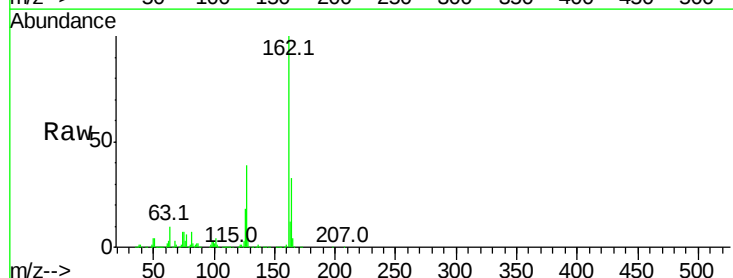
Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Tgt Ion:162 Resp: 744279

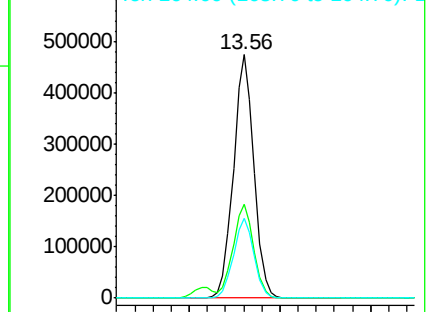
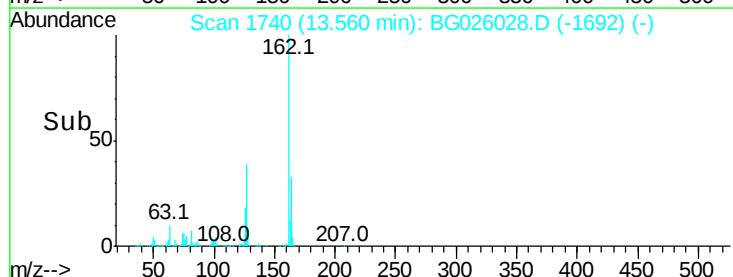
Ion	Ratio	Lower	Upper
162	100		
127	38.6	32.2	48.4
164	32.8	27.3	40.9

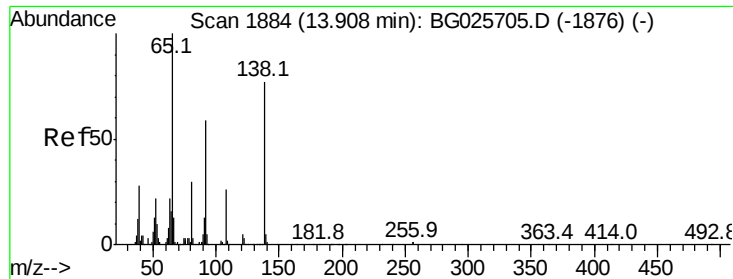


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.59 ng

RT: 13.75 min Scan# 1773

Delta R.T. -0.01 min

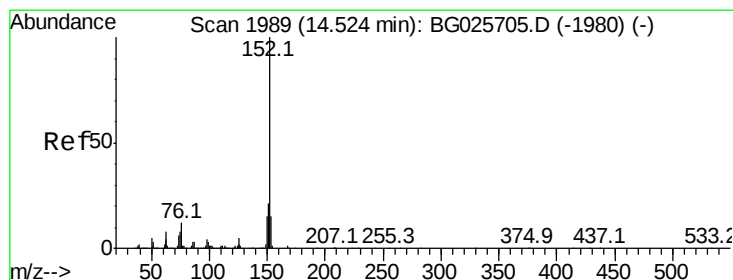
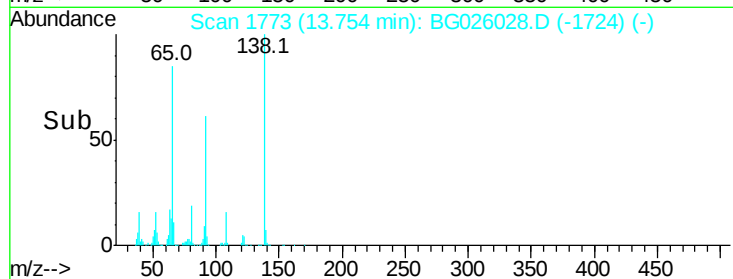
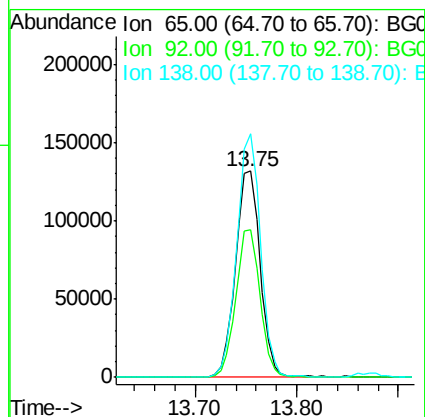
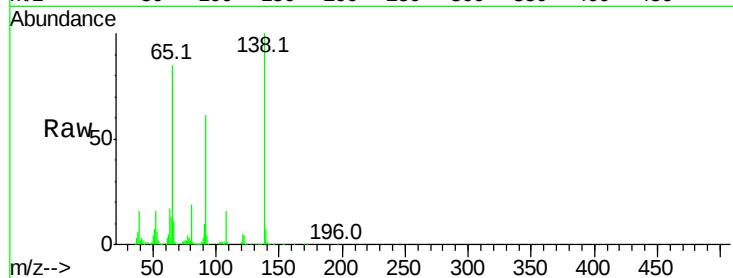
Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Instrument :
BNA_G
ClientSampleId :
PB97261BS

Tot Ion: 65 Resp: 224775

Ion	Ratio	Lower	Upper
65	100		
92	71.9	49.0	73.4
138	118.2	58.6	87.8#



#48

Acenaphthylene

Concen: 45.27 ng

RT: 14.40 min Scan# 1883

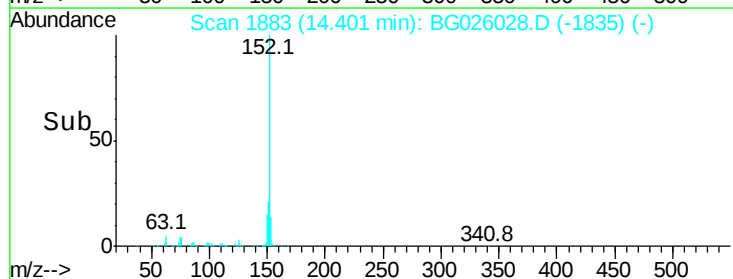
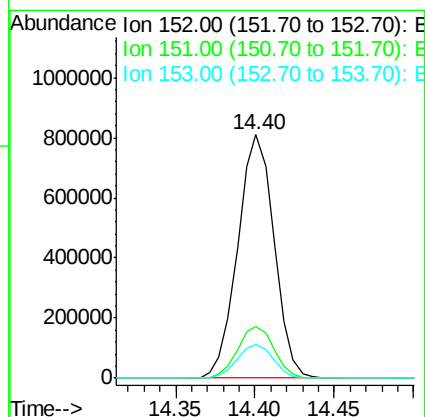
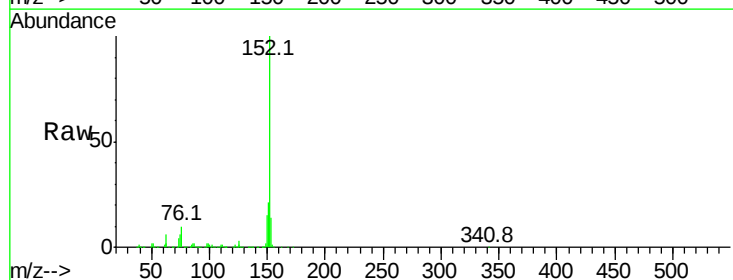
Delta R.T. -0.02 min

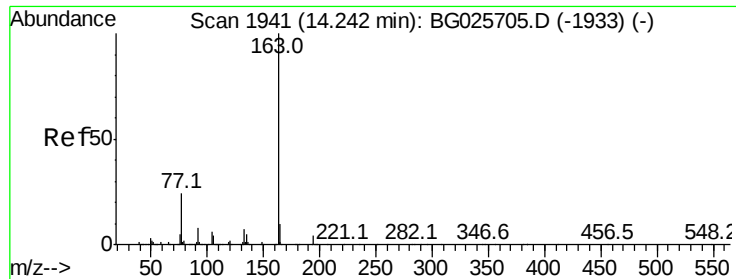
Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Tgt Ion: 152 Resp: 1281018

Ion	Ratio	Lower	Upper
152	100		
151	21.4	18.2	27.2
153	13.9	11.3	16.9





#49

Dimethylphthalate

Concen: 48.61 ng

RT: 14.12 min Scan# 1836

Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Instrument :

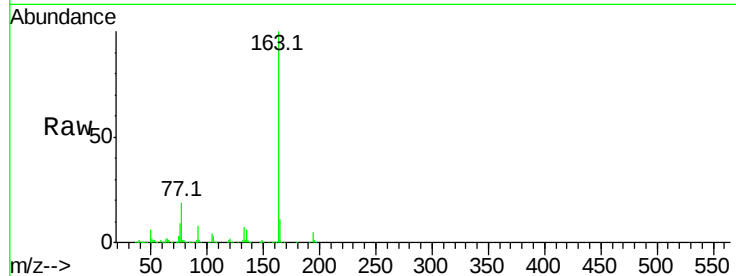
BNA_G

ClientSampleId :

PB97261BS

Tot Ion:163 Resp: 1011719

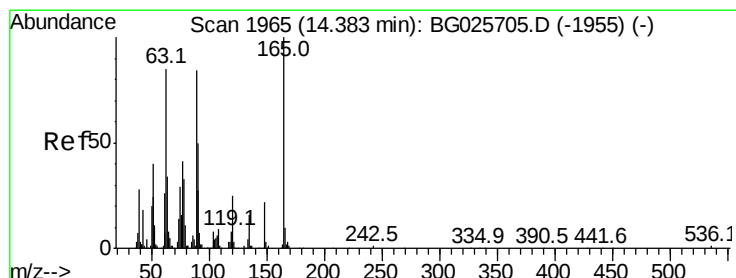
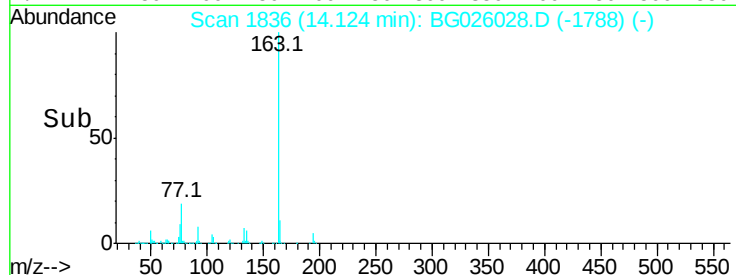
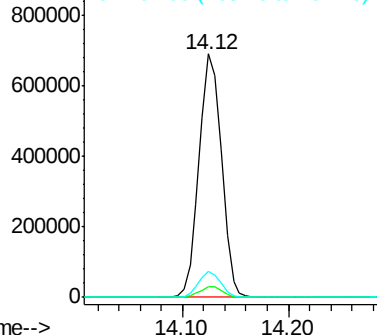
Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.8	5.6
164	10.5	9.3	13.9



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: 48.93 ng

RT: 14.24 min Scan# 1856

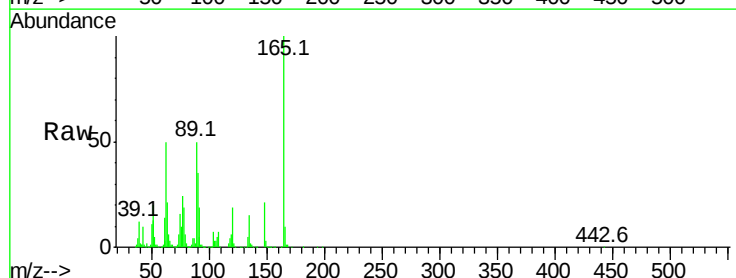
Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Tgt Ion:165 Resp: 228758

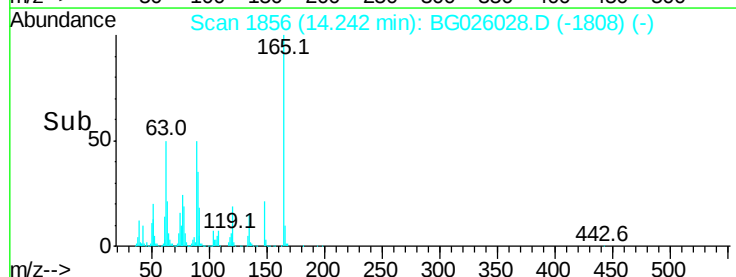
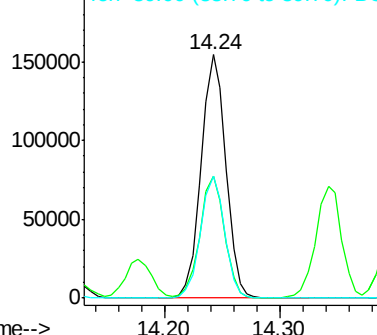
Ion	Ratio	Lower	Upper
165	100		
63	50.3	63.9	95.9#
89	49.9	58.6	88.0#

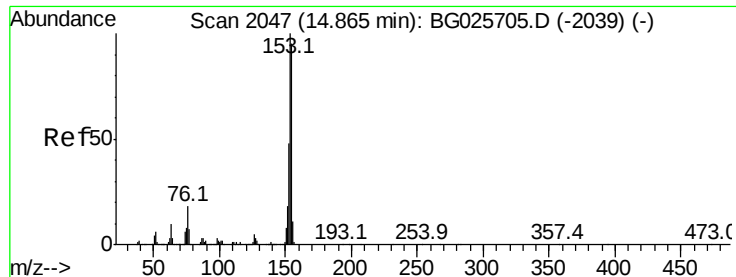


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 49.64 ng

RT: 14.74 min Scan# 1941

Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Instrument :

BNA_G

ClientSampleId :

PB97261BS

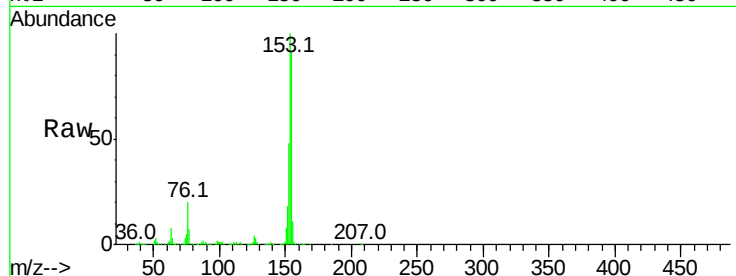
Tot Ion:154 Resp: 927637

Ion Ratio Lower Upper

154 100

153 110.3 87.8 131.6

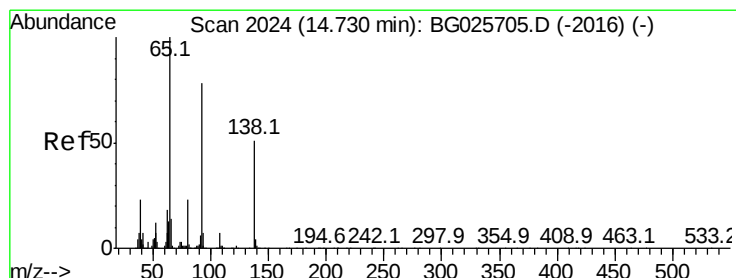
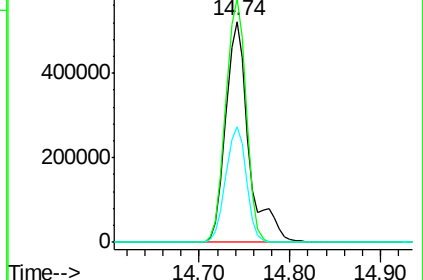
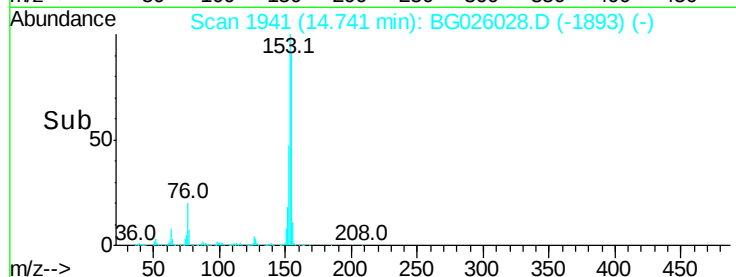
152 52.6 42.2 63.4



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: 27.65 ng

RT: 14.57 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

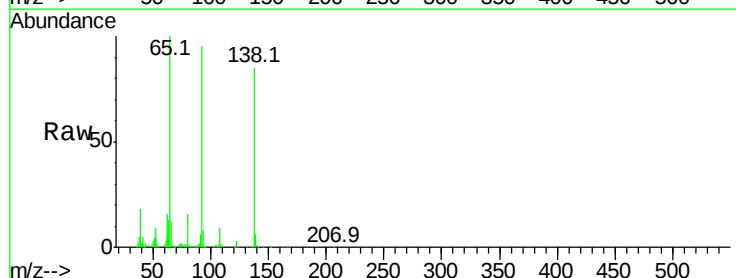
Tgt Ion:138 Resp: 144579

Ion Ratio Lower Upper

138 100

108 10.3 10.9 16.3#

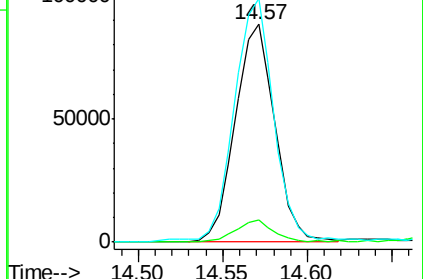
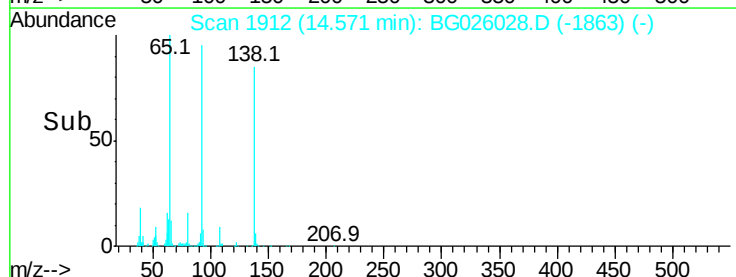
92 112.0 115.3 172.9#

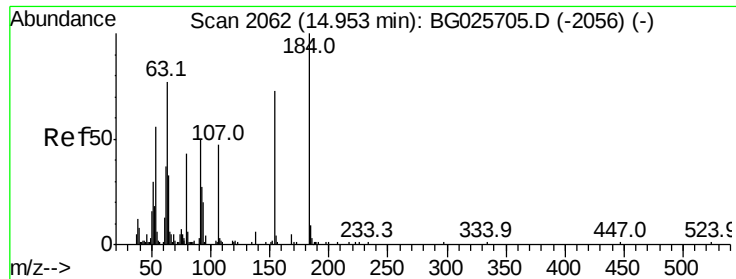


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

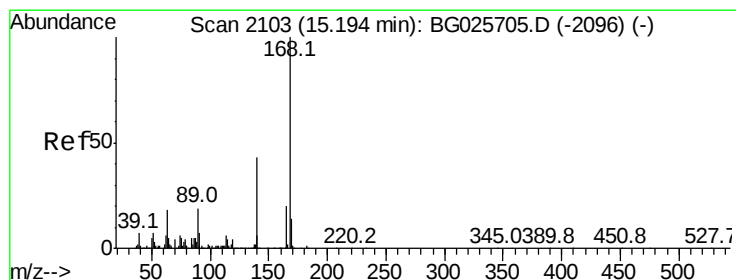
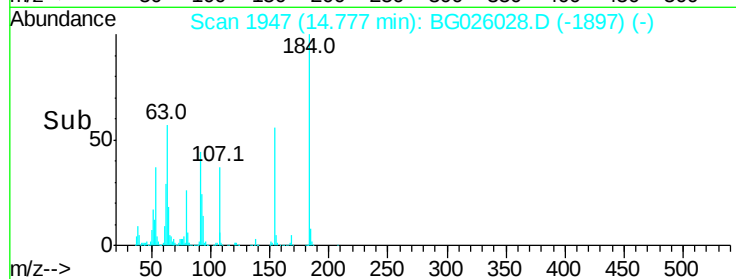
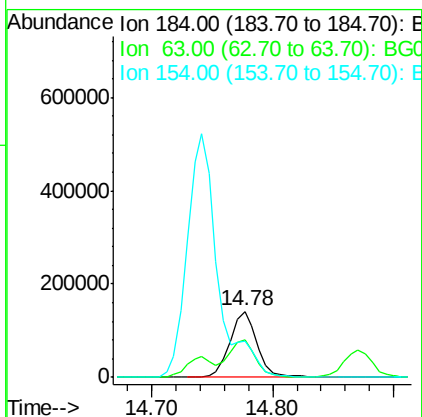
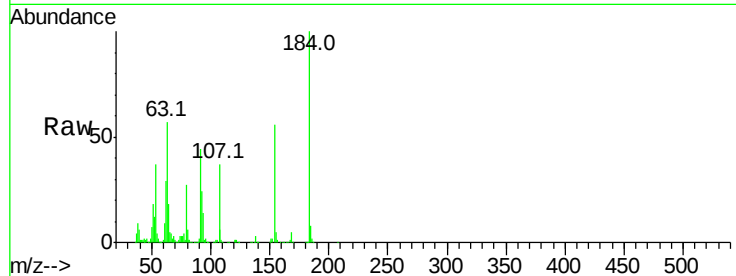




#53
2,4-Dinitrophenol
Concen: 90.21 ng
RT: 14.78 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

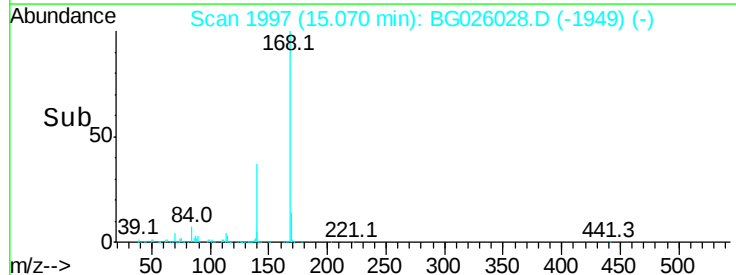
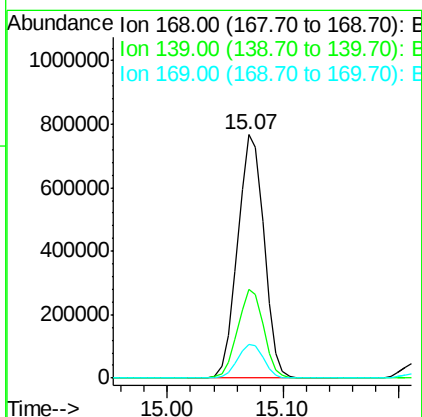
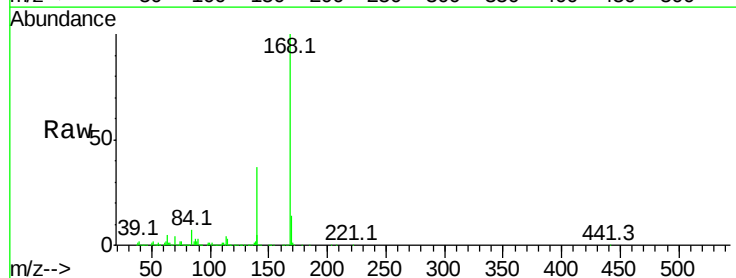
Instrument :
BNA_G
ClientSampleId :
PB97261BS

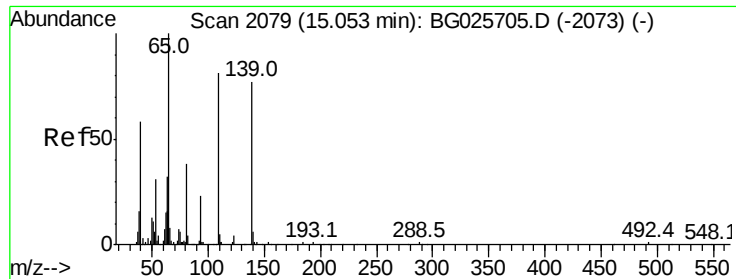
Tot Ion:184 Resp: 220684
Ion Ratio Lower Upper
184 100
63 57.4 52.7 79.1
154 56.1 57.3 85.9#



#54
Dibenzofuran
Concen: 48.81 ng
RT: 15.07 min Scan# 1997
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Tgt Ion:168 Resp: 1216006
Ion Ratio Lower Upper
168 100
139 36.7 35.3 52.9
169 13.8 11.5 17.3





#55

4-Nitrophenol

Concen: 89.66 ng

RT: 14.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Instrument :

BNA_G

ClientSampleId :

PB97261BS

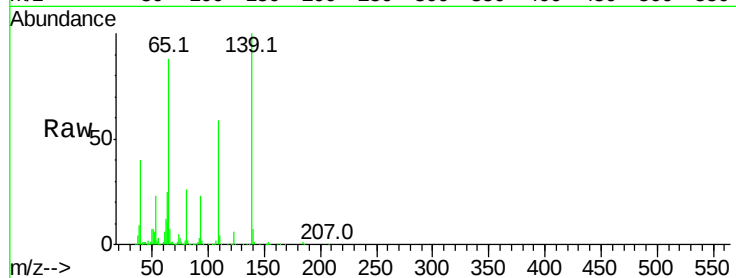
Tot Ion:139 Resp: 381560

Ion Ratio Lower Upper

139 100

109 59.4 101.2 141.2#

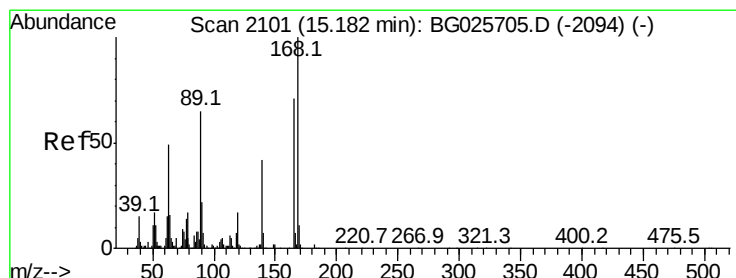
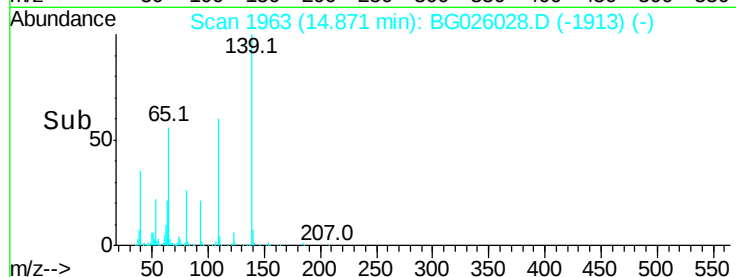
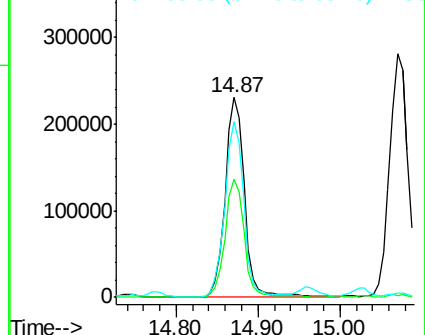
65 88.2 135.3 175.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 49.42 ng

RT: 15.03 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Tgt Ion:165 Resp: 310827

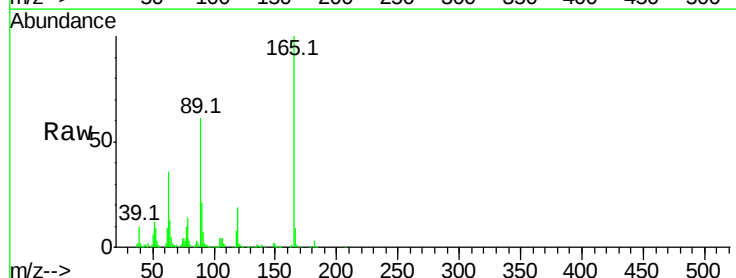
Ion Ratio Lower Upper

165 100

63 36.2 44.0 66.0#

89 60.9 67.3 100.9#

182 3.0 3.8 5.6#

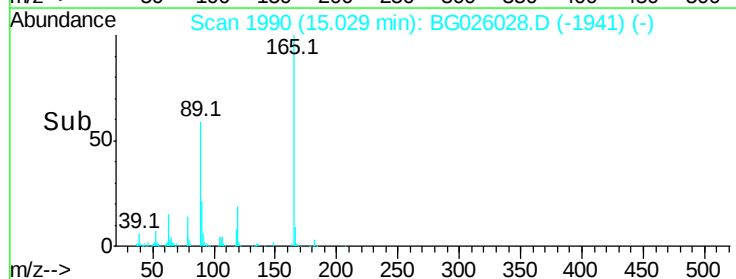
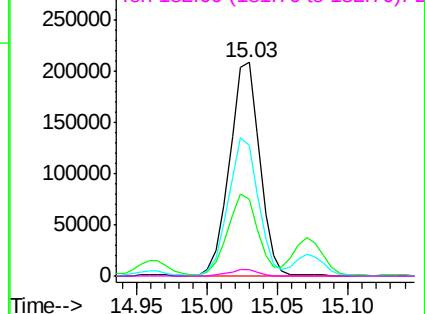


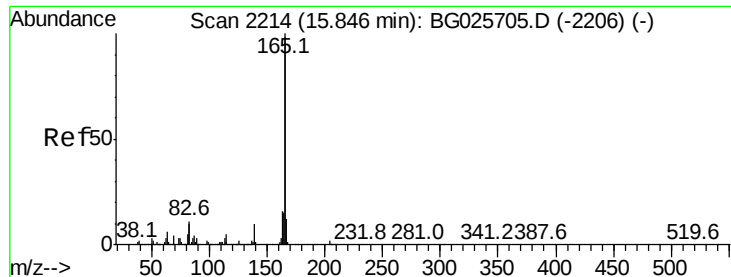
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 45.77 ng

RT: 15.72 min Scan# 2107

Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Instrument :

BNA_G

ClientSampleId :

PB97261BS

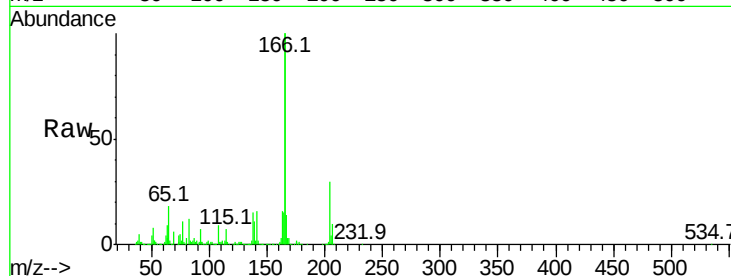
Tot Ion:166 Resp: 1018963

Ion Ratio Lower Upper

166 100

165 99.5 78.6 117.8

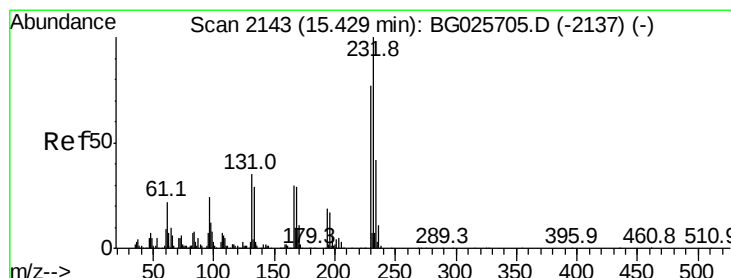
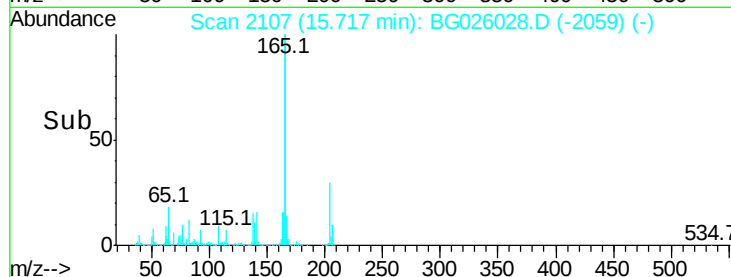
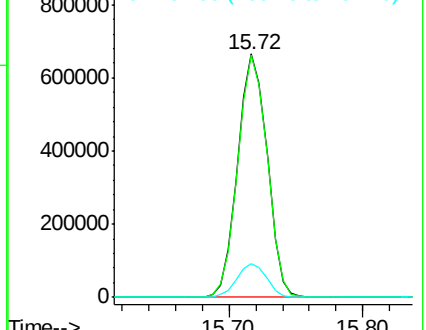
167 14.1 11.6 17.4



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: 53.90 ng

RT: 15.29 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Tgt Ion:232 Resp: 265091

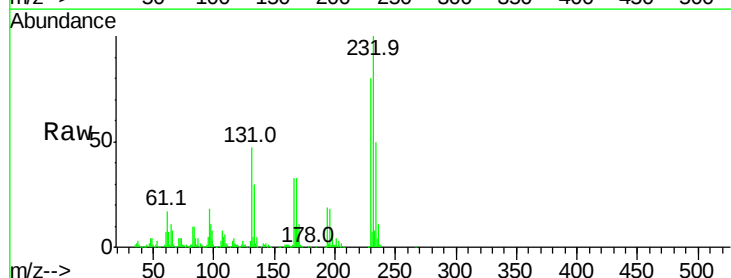
Ion Ratio Lower Upper

232 100

131 45.8 34.9 52.3

130 2.5 2.3 3.5

166 33.0 24.2 36.4

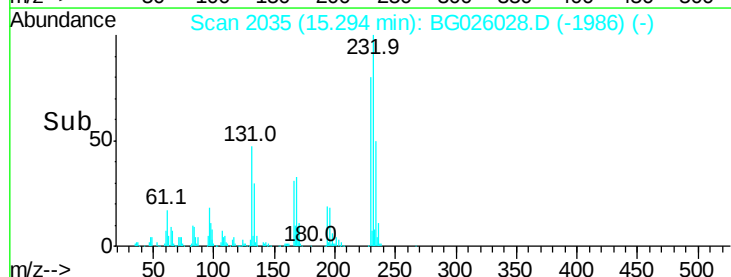
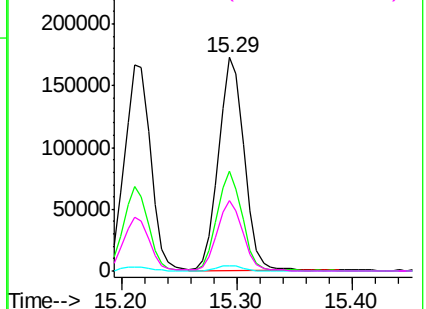


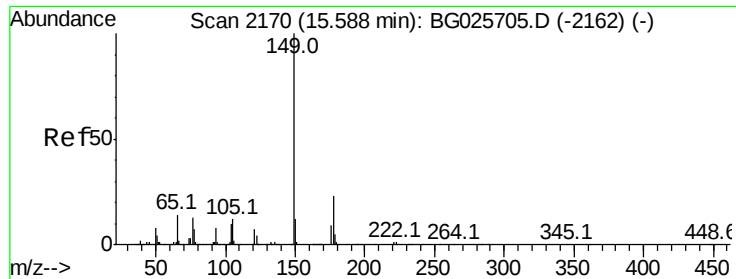
Abundance Ion 232.00 (231.70 to 232.70): E

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: 48.70 ng

RT: 15.48 min Scan# 2067

Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Instrument :

BNA_G

ClientSampleId :

PB97261BS

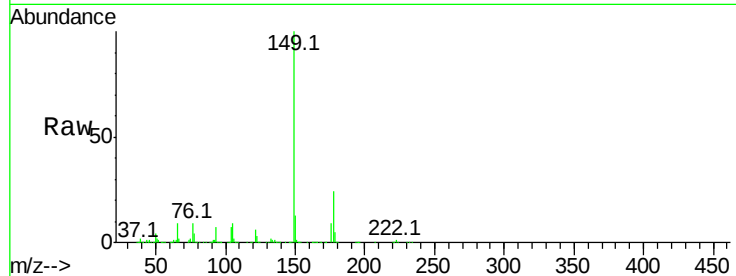
Tot Ion:149 Resp: 1048376

Ion	Ratio	Lower	Upper
149	100		
177	24.1	20.1	30.1
150	13.1	10.2	15.2

149 100

177 24.1 20.1 30.1

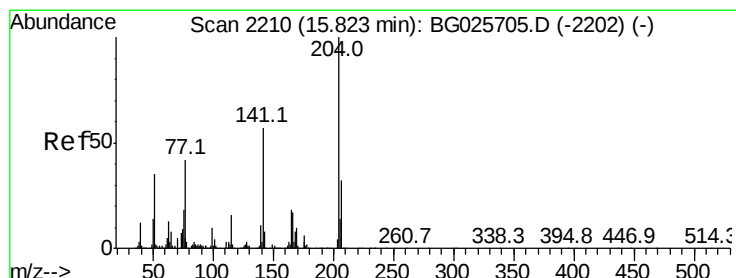
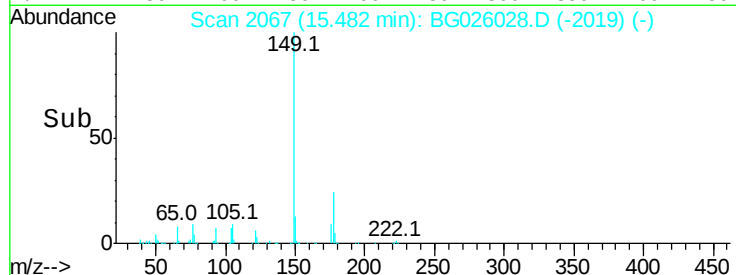
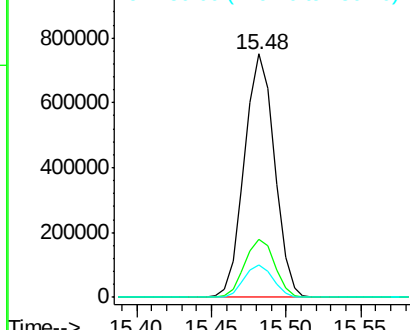
150 13.1 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 46.41 ng

RT: 15.71 min Scan# 2105

Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

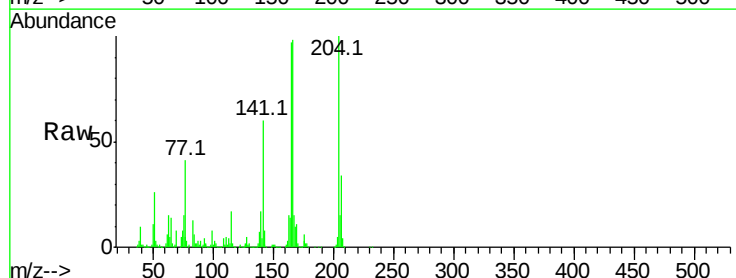
Tgt Ion:204 Resp: 478756

Ion	Ratio	Lower	Upper
204	100		
206	33.9	30.1	45.1
141	59.5	50.6	76.0

204 100

206 33.9 30.1 45.1

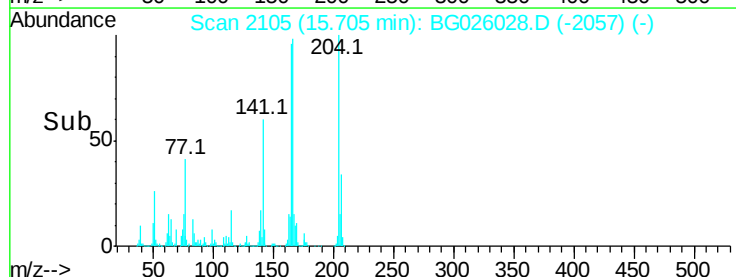
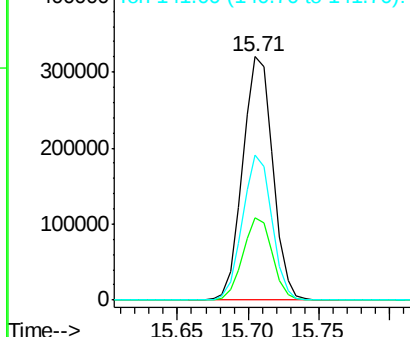
141 59.5 50.6 76.0

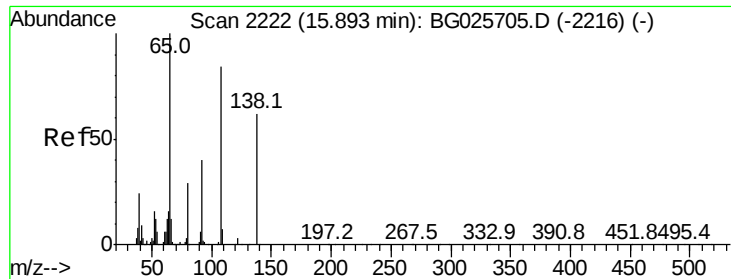


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 44.34 ng

RT: 15.73 min Scan# 2109

Delta R.T. -0.01 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Instrument :

BNA_G

ClientSampleId :

PB97261BS

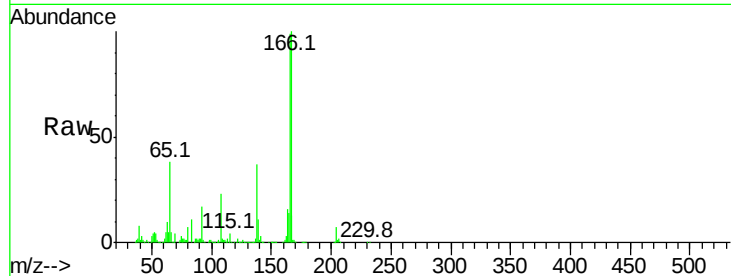
Tot Ion:138 Resp: 240364

Ion Ratio Lower Upper

138 100

92 45.8 44.2 84.2

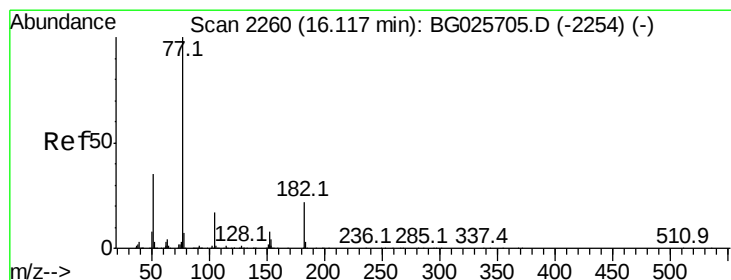
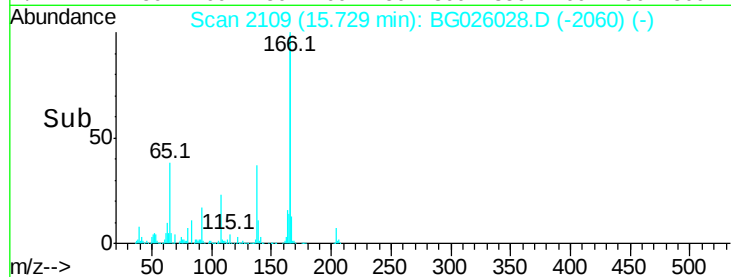
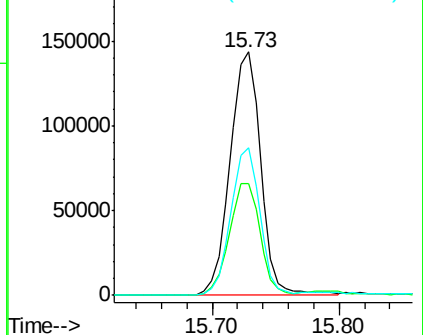
108 60.8 104.8 144.8#



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: 49.48 ng

RT: 16.00 min Scan# 2155

Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Tgt Ion: 77 Resp: 915598

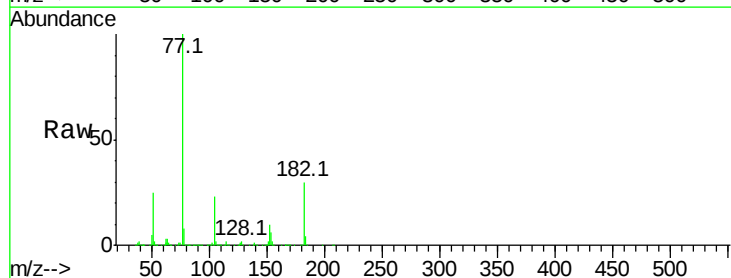
Ion Ratio Lower Upper

77 100

182 29.6 4.7 44.7

105 23.2 0.0 36.3

51 24.7 16.4 56.4

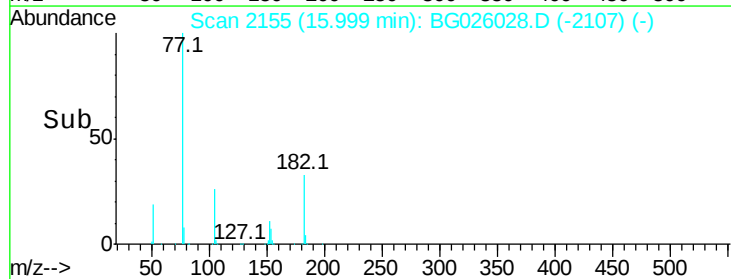
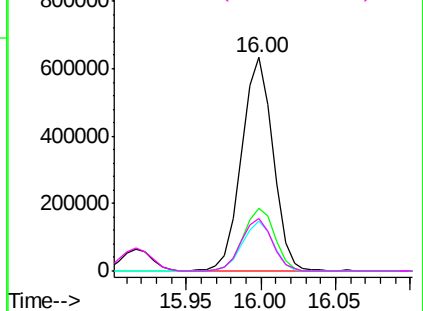


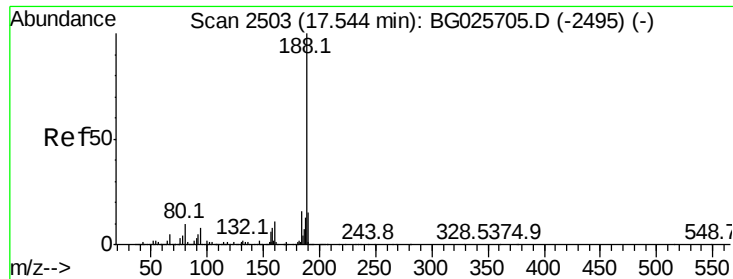
Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.41 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Instrument :

BNA_G

ClientSampleId :

PB97261BS

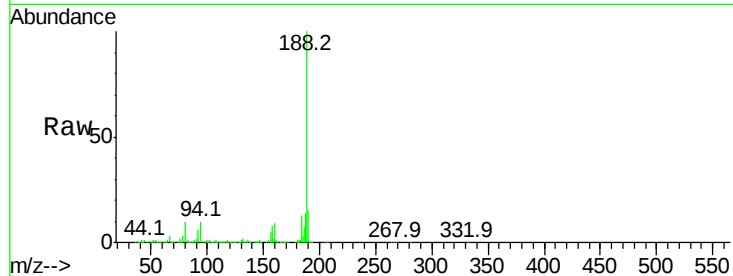
Tot Ion:188 Resp: 695735

Ion Ratio Lower Upper

188 100

94 9.7 5.8 8.8#

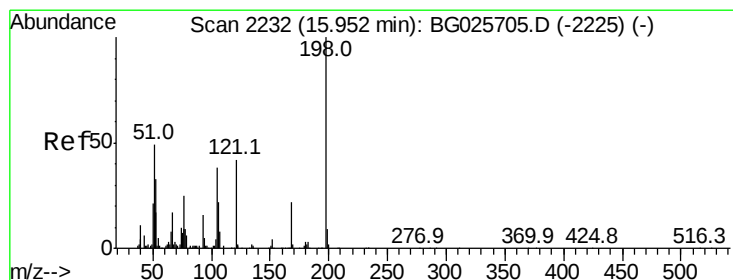
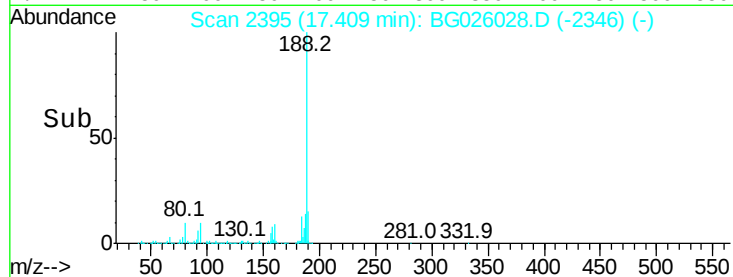
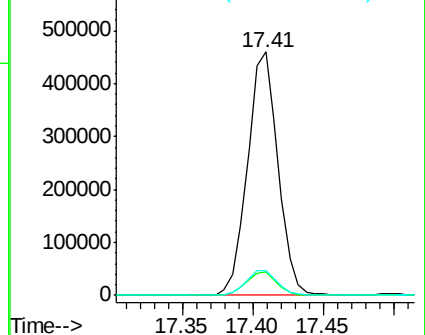
80 10.3 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 42.78 ng

RT: 15.79 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

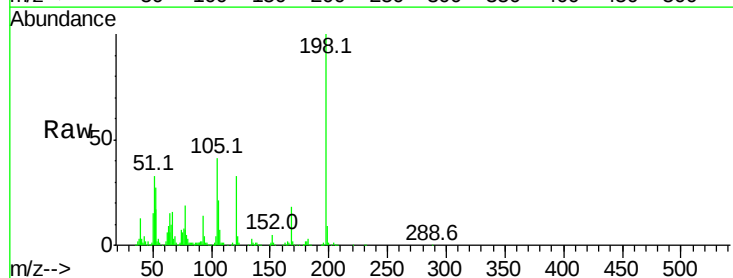
Tgt Ion:198 Resp: 174164

Ion Ratio Lower Upper

198 100

51 33.4 22.6 62.6

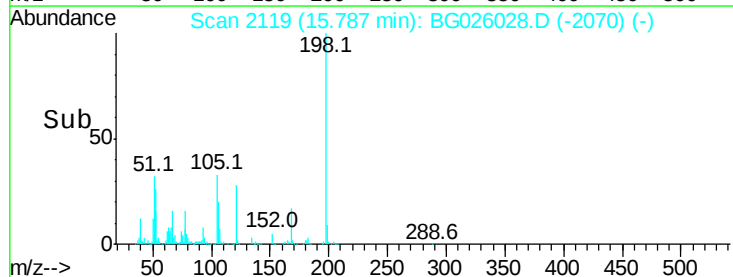
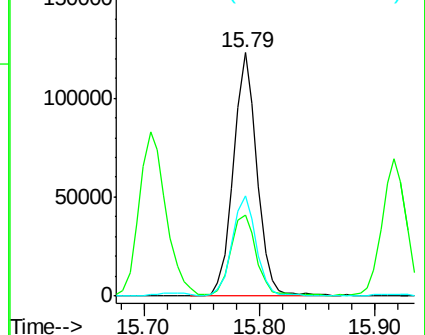
105 41.4 14.4 54.4

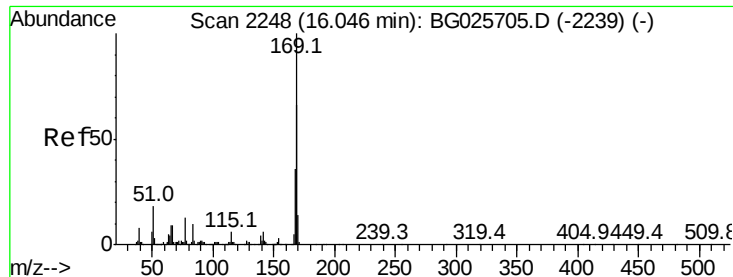


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.83 ng

RT: 15.92 min Scan# 2141

Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Instrument :

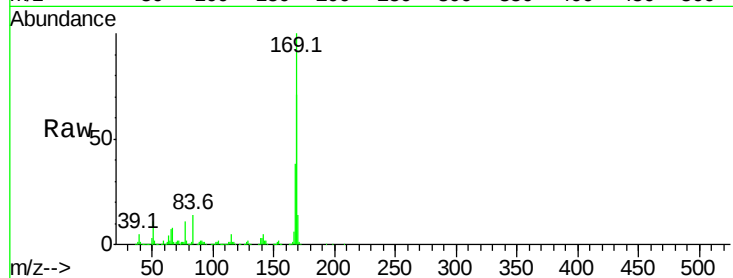
BNA_G

ClientSampleId :

PB97261BS

Tot Ion:169 Resp: 903625

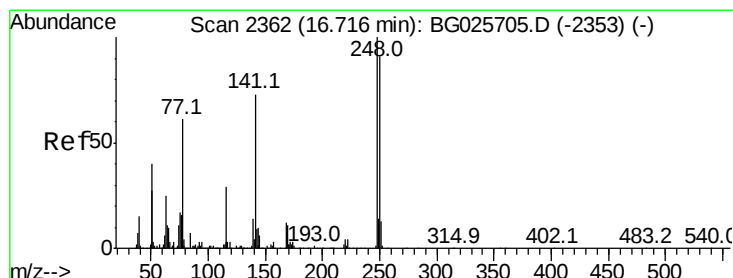
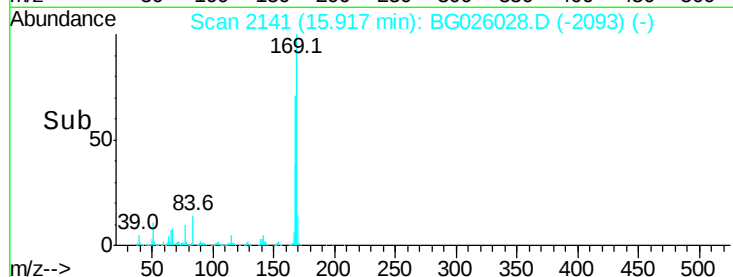
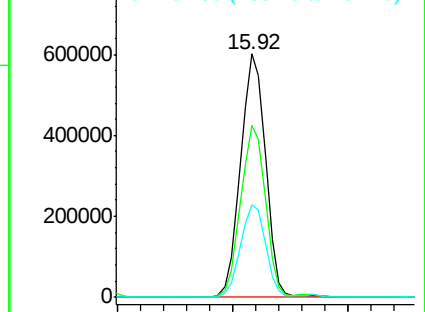
Ion	Ratio	Lower	Upper
169	100		
168	70.6	55.7	83.5
167	37.9	29.8	44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.40 ng

RT: 16.60 min Scan# 2257

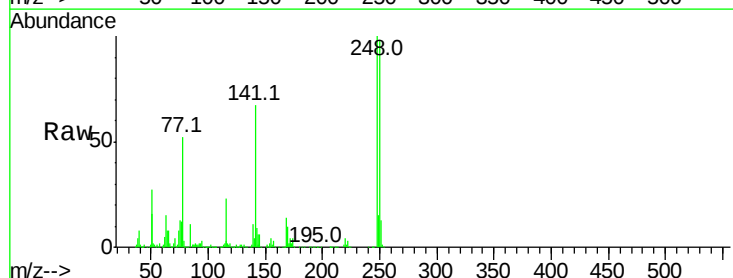
Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Tgt Ion:248 Resp: 316492

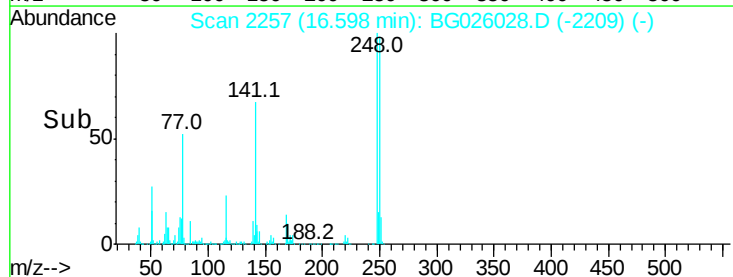
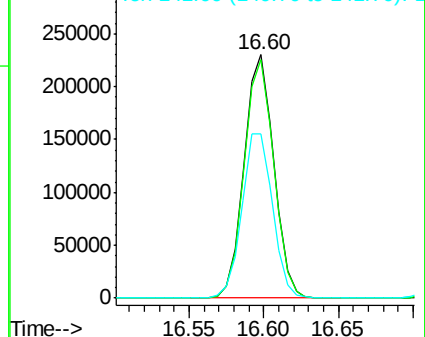
Ion	Ratio	Lower	Upper
248	100		
250	97.9	75.0	112.6
141	67.5	55.2	82.8

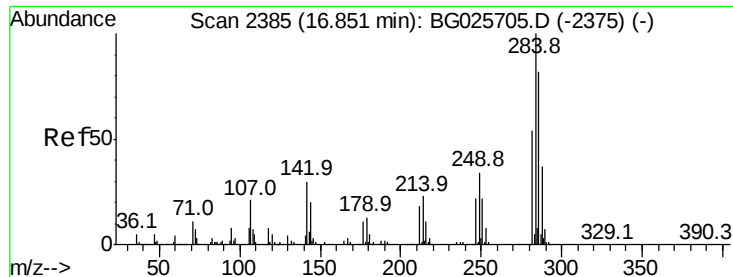


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 44.27 ng

RT: 16.72 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Instrument :

BNA_G

ClientSampleId :

PB97261BS

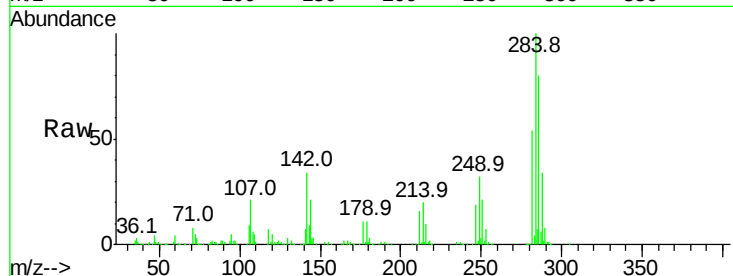
Tot Ion:284 Resp: 332747

Ion Ratio Lower Upper

284 100

142 33.9 29.9 44.9

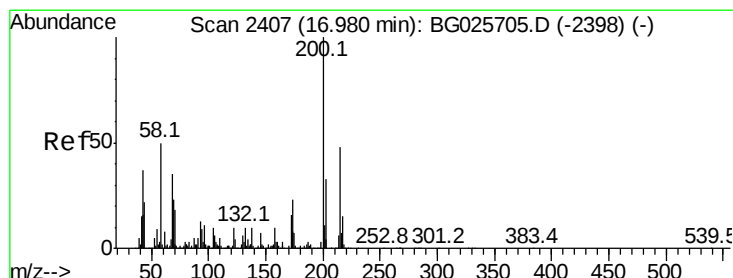
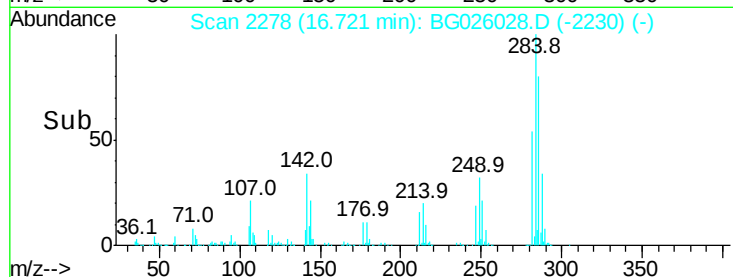
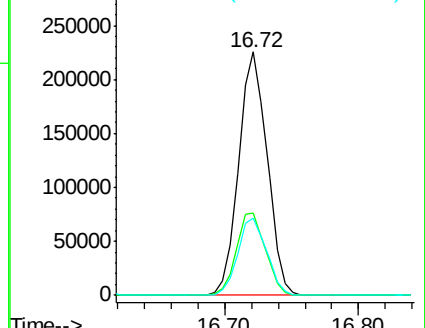
249 31.9 29.2 43.8



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: 45.84 ng

RT: 16.86 min Scan# 2301

Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

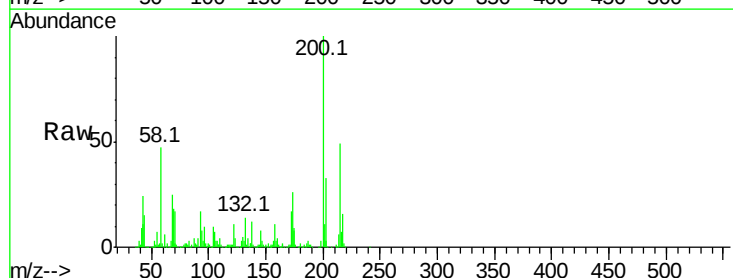
Tgt Ion:200 Resp: 342319

Ion Ratio Lower Upper

200 100

173 26.0 3.0 43.0

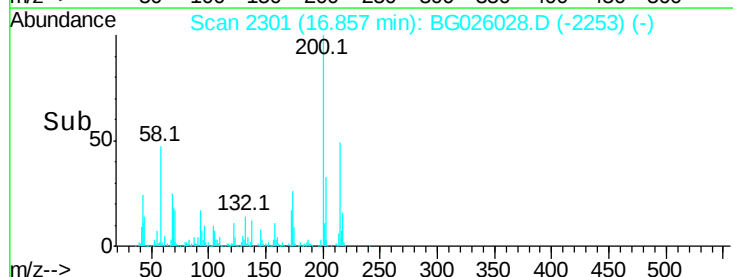
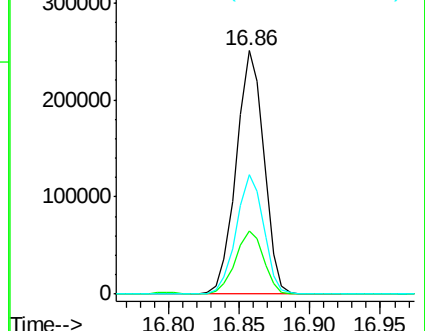
215 49.2 28.4 68.4

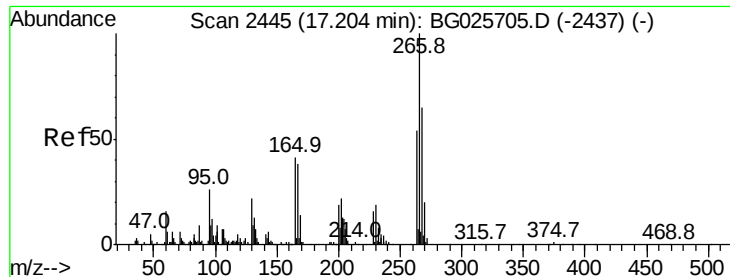


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

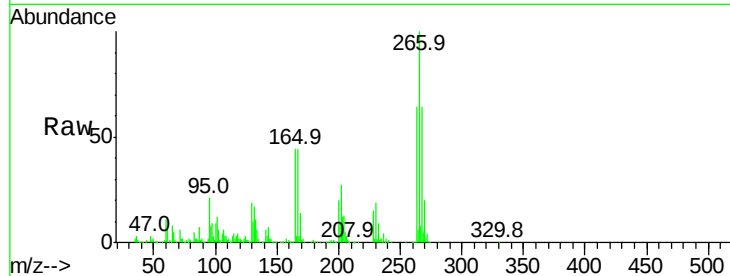




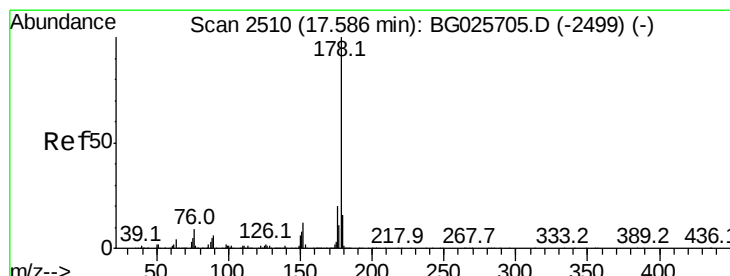
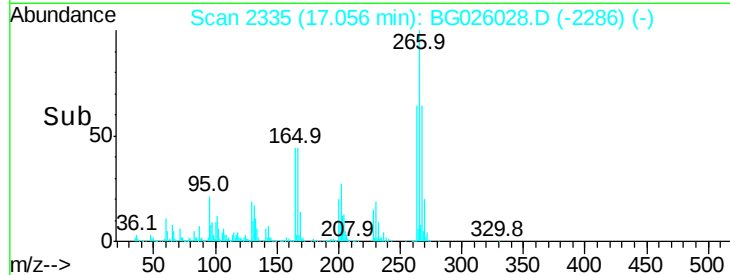
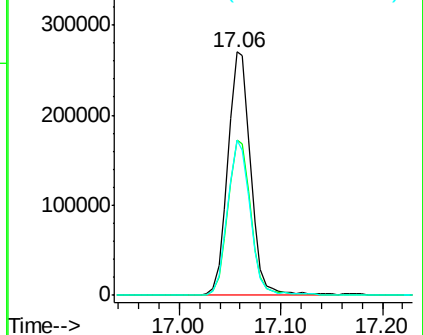
#69
 Pentachlorophenol
 Concen: 90.97 ng
 RT: 17.06 min Scan# 2335
 Delta R.T. -0.01 min
 Lab File: BG026028.D
 Acq: 2 Mar 2017 14:00

Instrument :
 BNA_G
 ClientSampleId :
 PB97261BS

Tot Ion:266 Resp: 421738
 Ion Ratio Lower Upper
 266 100
 268 63.6 48.6 72.8
 264 63.6 50.1 75.1

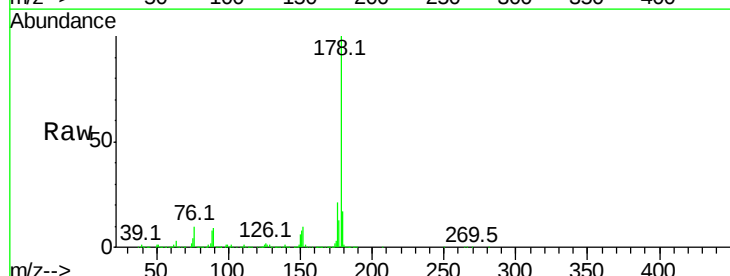


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

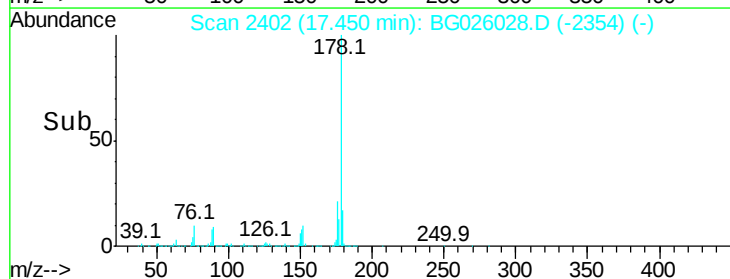
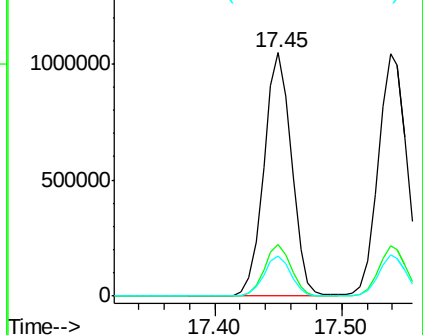


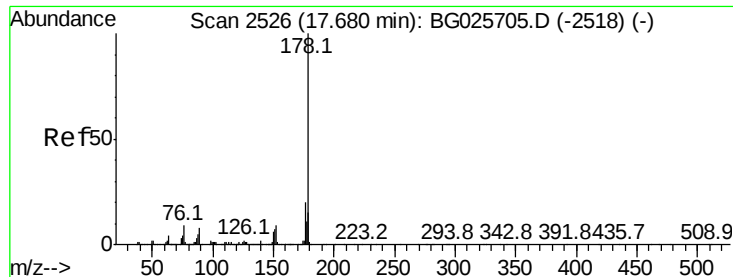
#70
 Phenanthrene
 Concen: 42.11 ng
 RT: 17.45 min Scan# 2402
 Delta R.T. -0.02 min
 Lab File: BG026028.D
 Acq: 2 Mar 2017 14:00

Tgt Ion:178 Resp: 1590239
 Ion Ratio Lower Upper
 178 100
 176 21.1 17.7 26.5
 179 16.6 15.0 22.6



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

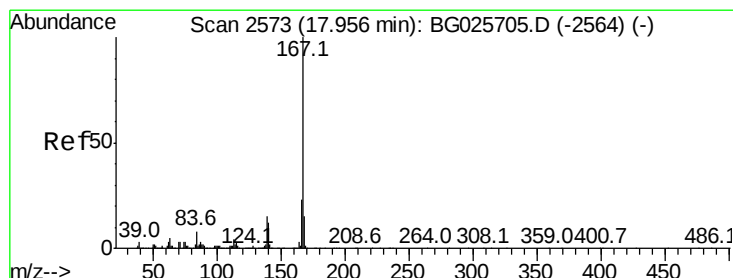
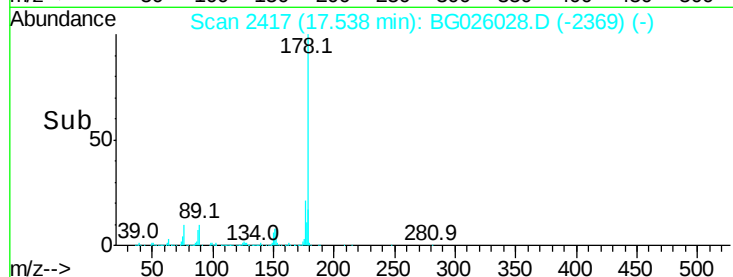
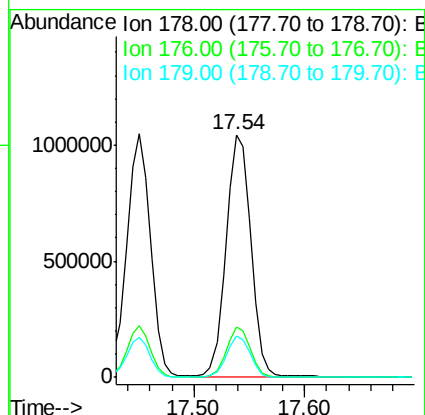
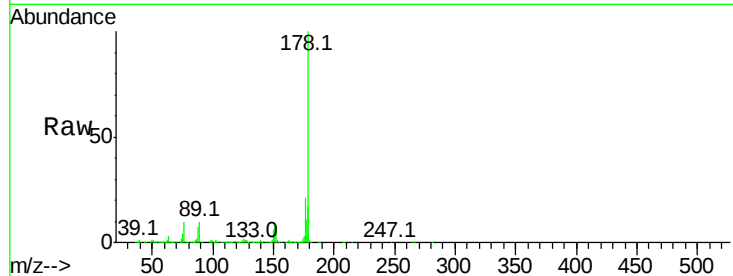




#71
 Anthracene
 Concen: 42.62 ng
 RT: 17.54 min Scan# 2417
 Delta R.T. -0.02 min
 Lab File: BG026028.D
 Acq: 2 Mar 2017 14:00

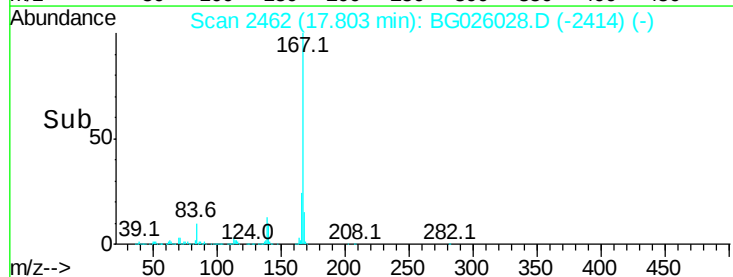
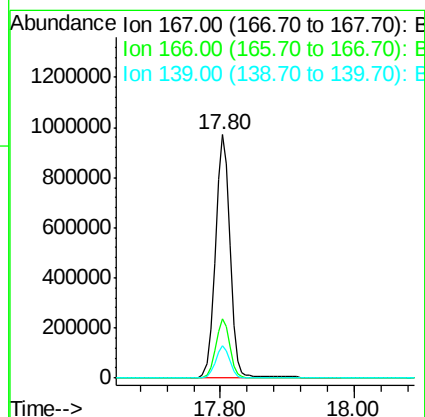
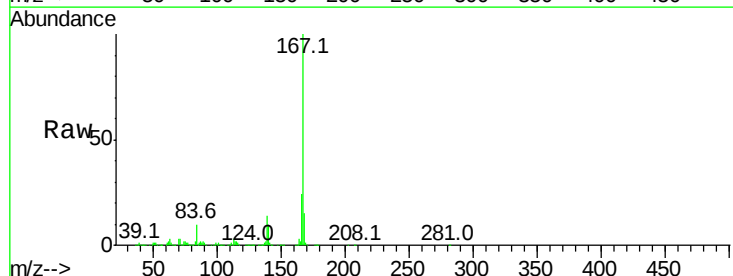
Instrument :
 BNA_G
 ClientSampleId :
 PB97261BS

Tot Ion:178 Resp: 1640863
 Ion Ratio Lower Upper
 178 100
 176 20.7 16.4 24.6
 179 17.0 13.8 20.8



#72
 Carbazole
 Concen: 39.24 ng
 RT: 17.80 min Scan# 2462
 Delta R.T. -0.02 min
 Lab File: BG026028.D
 Acq: 2 Mar 2017 14:00

Tgt Ion:167 Resp: 1517846
 Ion Ratio Lower Upper
 167 100
 166 24.3 20.2 30.2
 139 13.5 12.8 19.2

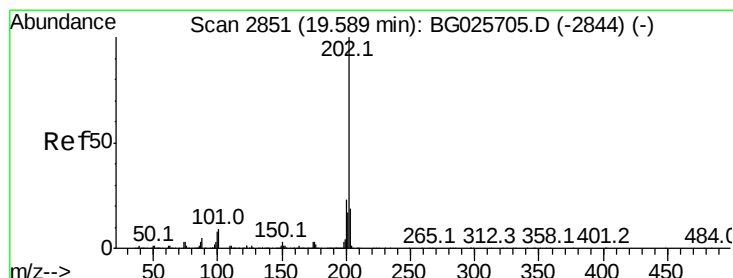
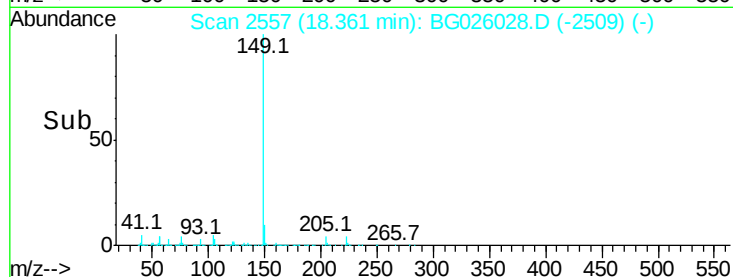
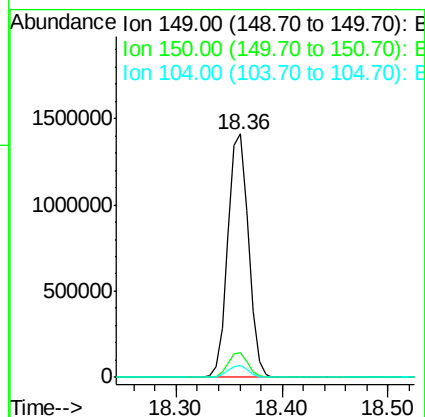
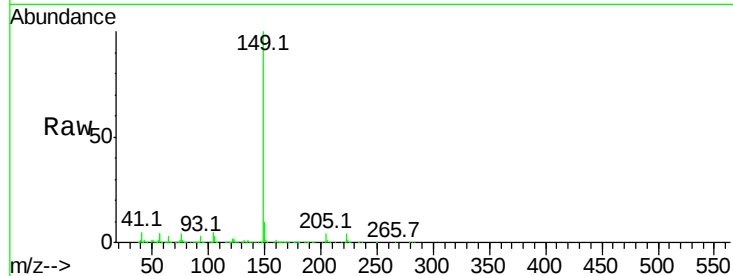




#73
Di-n-butylphthalate
Concen: 50.01 ng
RT: 18.36 min Scan# 2557
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

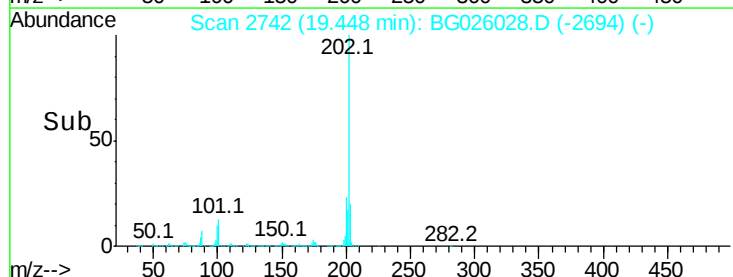
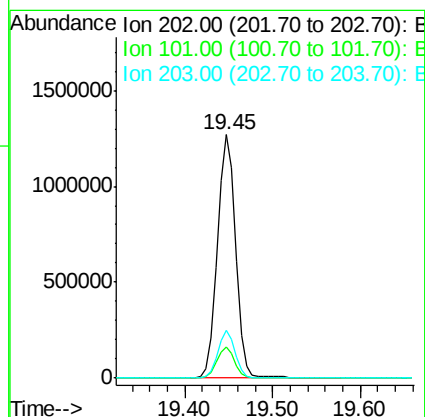
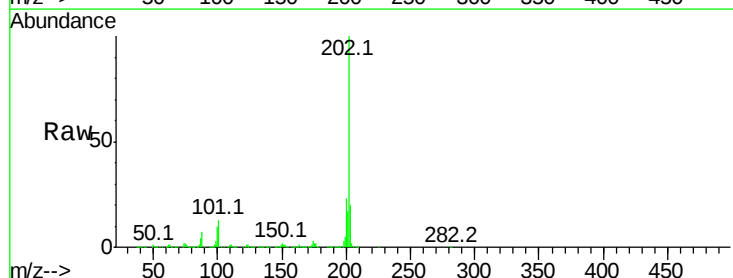
Instrument :
BNA_G
ClientSampleId :
PB97261BS

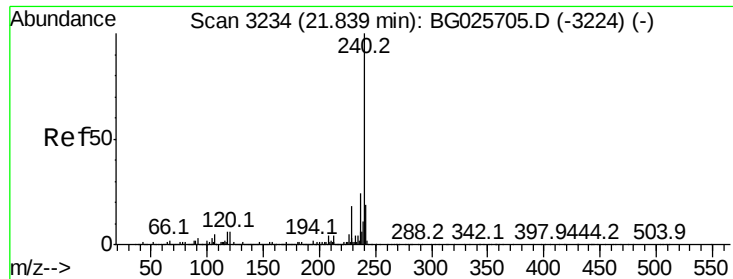
Tot Ion:149 Resp: 1898815
Ion Ratio Lower Upper
149 100
150 9.9 9.1 13.7
104 4.7 6.7 10.1#



#74
Fluoranthene
Concen: 44.16 ng
RT: 19.45 min Scan# 2742
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Tgt Ion:202 Resp: 1836518
Ion Ratio Lower Upper
202 100
101 13.0 0.0 30.1
203 19.6 1.3 41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.66 min Scan# 3118

Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Instrument :

BNA_G

ClientSampled :

PB97261BS

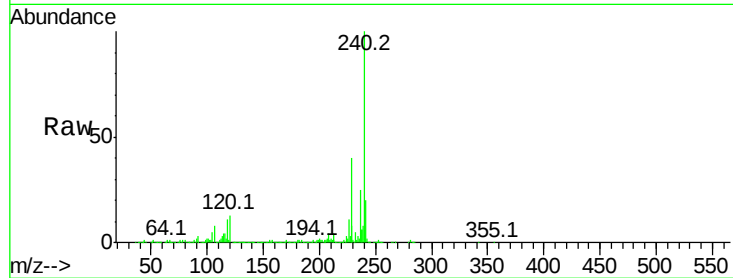
Tot Ion:240 Resp: 696558

Ion Ratio Lower Upper

240 100

120 12.5 5.7 8.5#

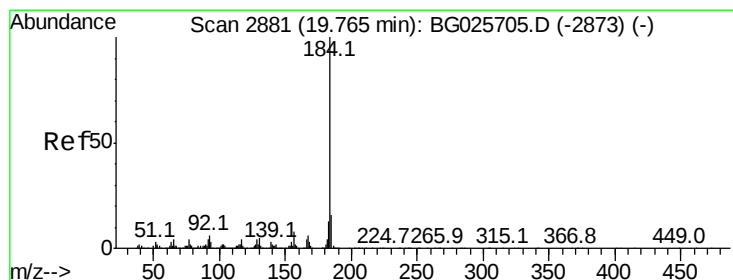
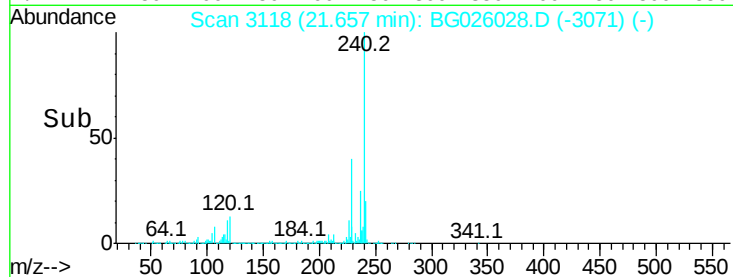
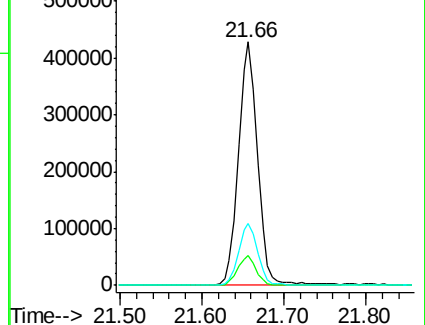
236 25.5 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 25.57 ng

RT: 19.62 min Scan# 2771

Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

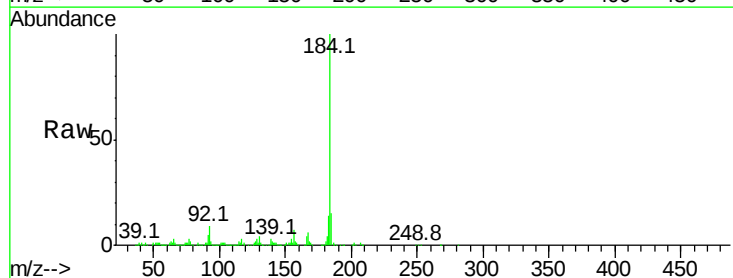
Tgt Ion:184 Resp: 562168

Ion Ratio Lower Upper

184 100

185 15.2 13.0 19.6

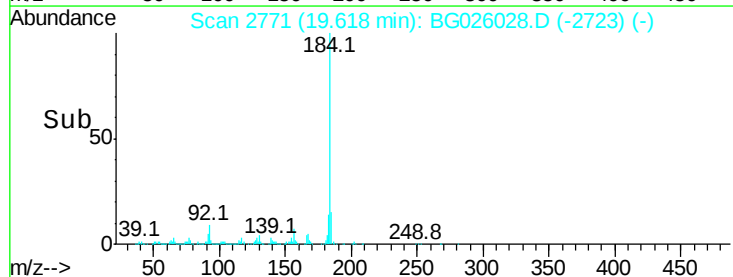
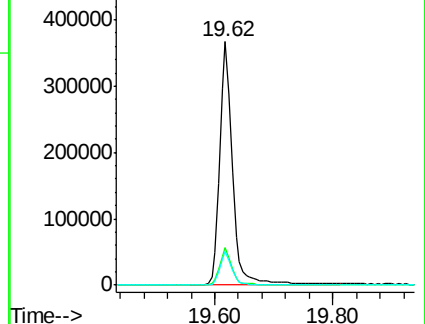
183 13.6 11.0 16.6

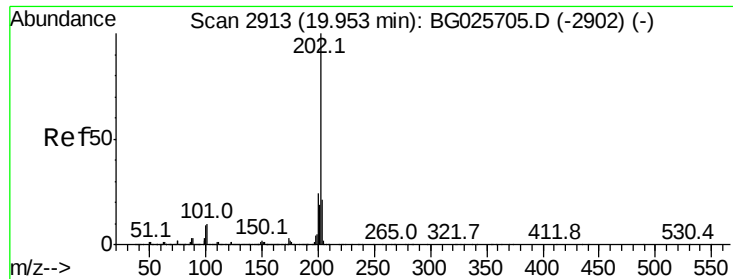


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.24 ng

RT: 19.81 min Scan# 2803

Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Instrument :

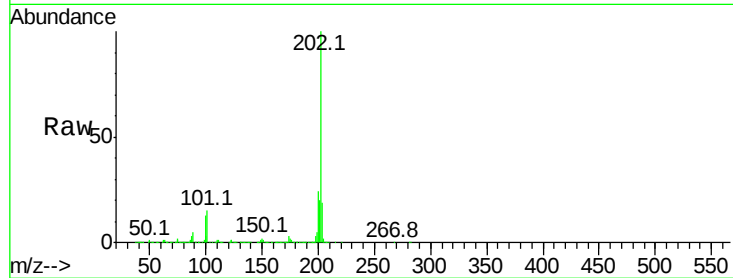
BNA_G

ClientSampleId :

PB97261BS

Tot Ion:202 Resp: 1860819

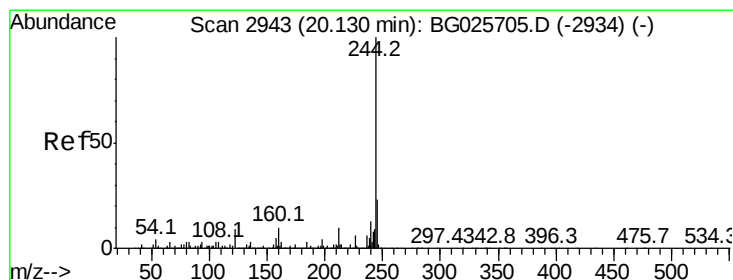
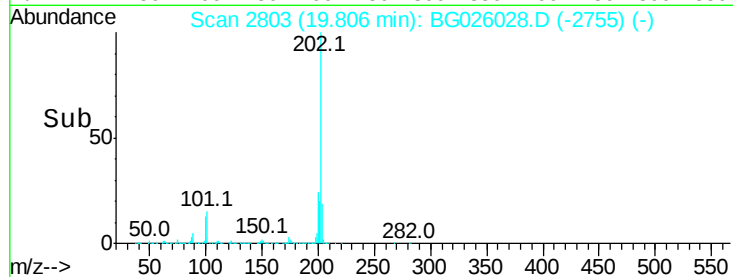
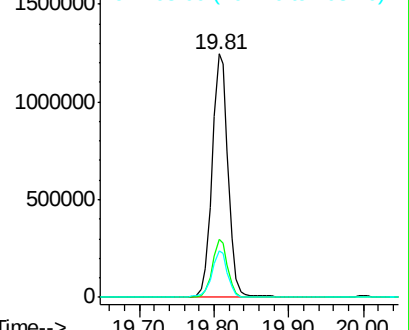
Ion	Ratio	Lower	Upper
202	100		
200	23.6	19.6	29.4
203	19.2	15.8	23.8



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: 81.33 ng

RT: 20.00 min Scan# 2836

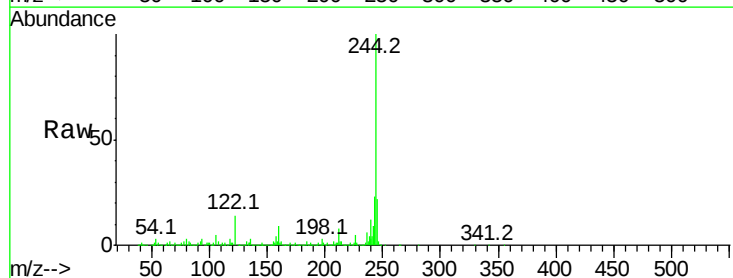
Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Tgt Ion:244 Resp: 2329199

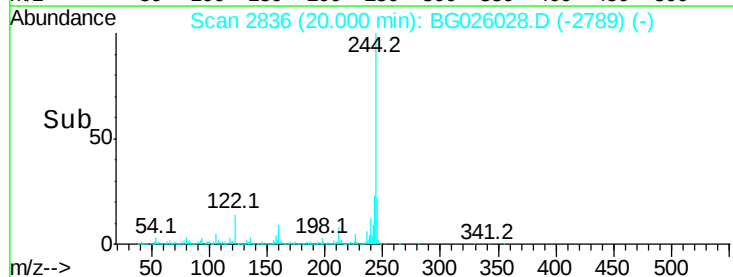
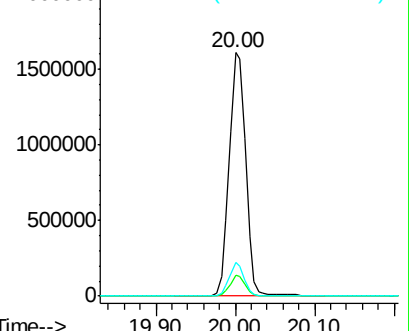
Ion	Ratio	Lower	Upper
244	100		
212	8.5	10.0	15.0#
122	13.9	8.6	12.8#

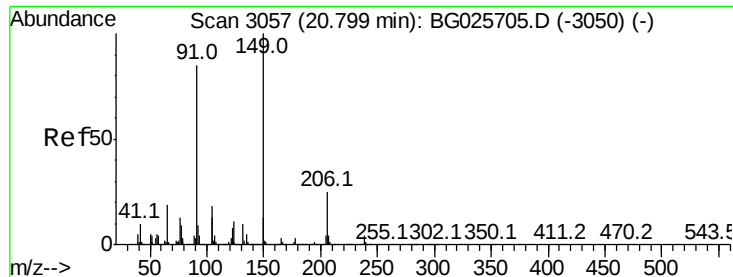


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

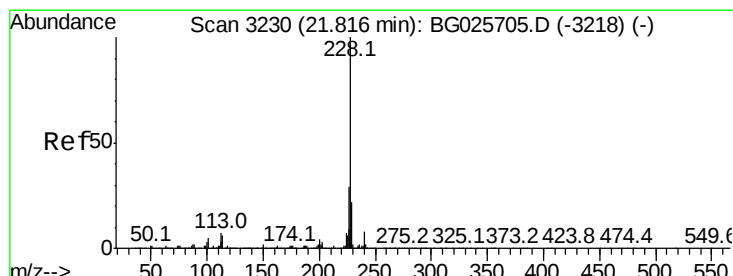
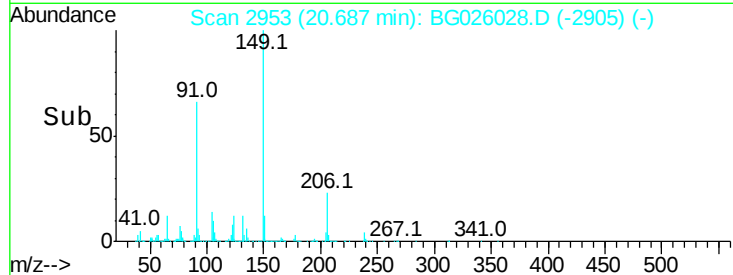
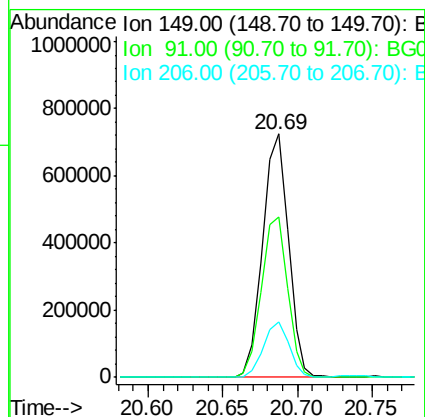
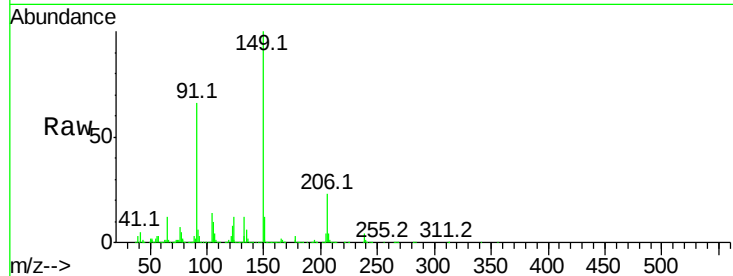




#79
Butylbenzylphthalate
Concen: 51.76 ng
RT: 20.69 min Scan# 2953
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

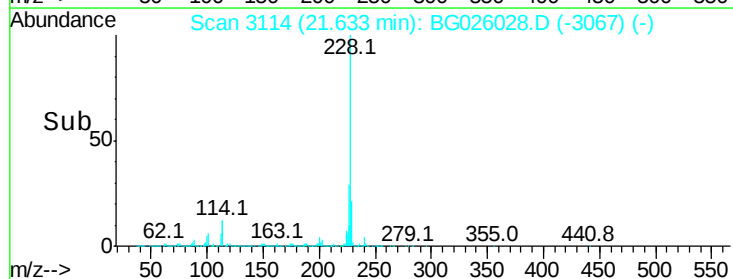
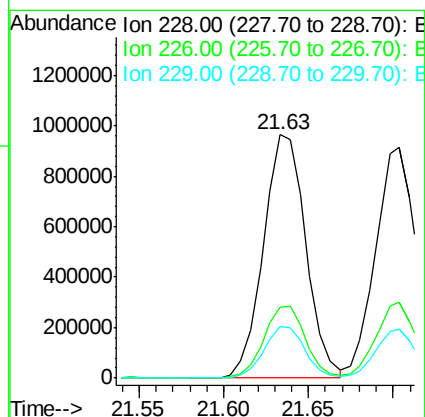
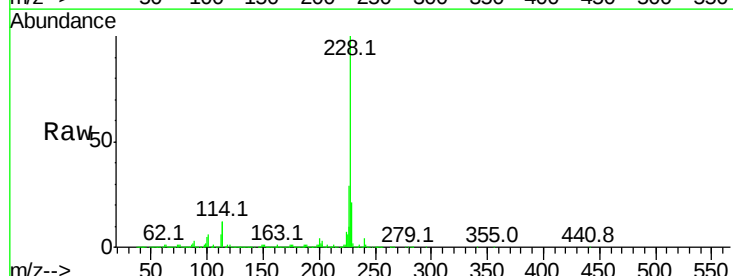
Instrument :
BNA_G
ClientSampleId :
PB97261BS

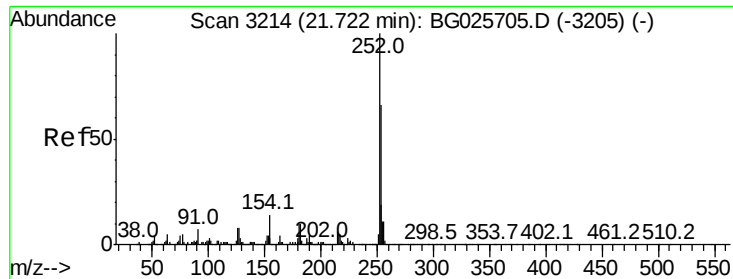
Tot Ion:149 Resp: 865384
Ion Ratio Lower Upper
149 100
91 66.1 63.5 95.3
206 22.9 21.0 31.6



#80
Benzo(a)anthracene
Concen: 41.28 ng
RT: 21.63 min Scan# 3114
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Tgt Ion:228 Resp: 1678772
Ion Ratio Lower Upper
228 100
226 29.3 24.9 37.3
229 21.3 18.2 27.2

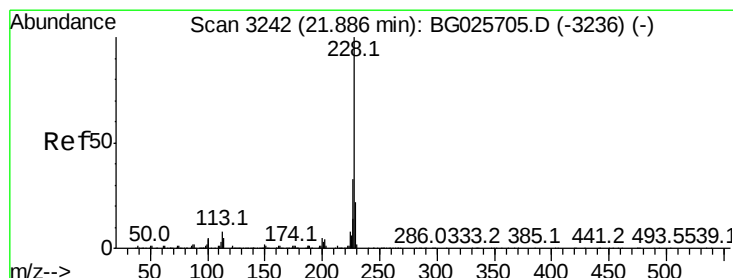
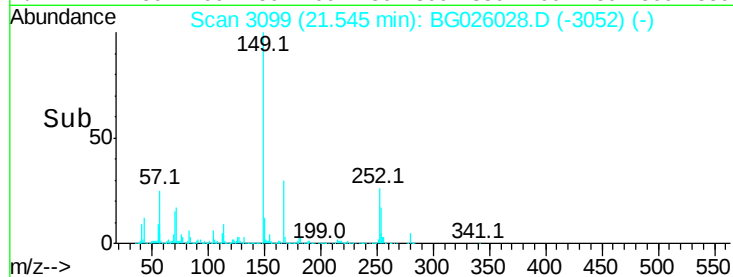
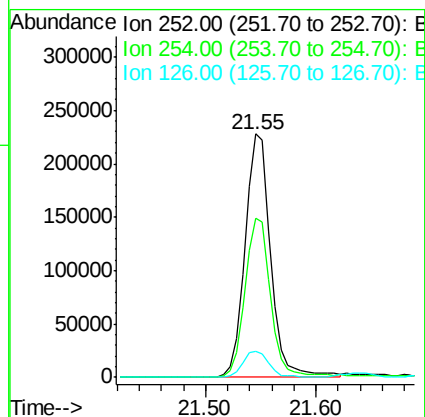
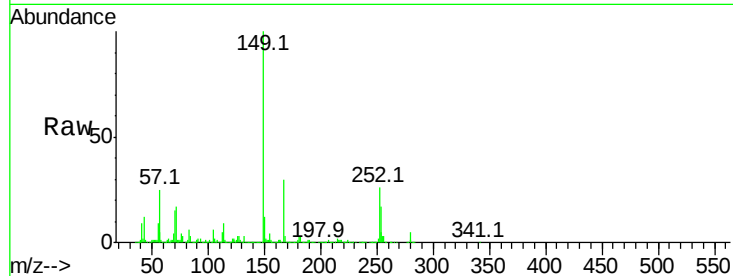




#81
 3,3'-Dichlorobenzidine
 Concen: 25.62 ng
 RT: 21.55 min Scan# 3099
 Delta R.T. -0.02 min
 Lab File: BG026028.D
 Acq: 2 Mar 2017 14:00

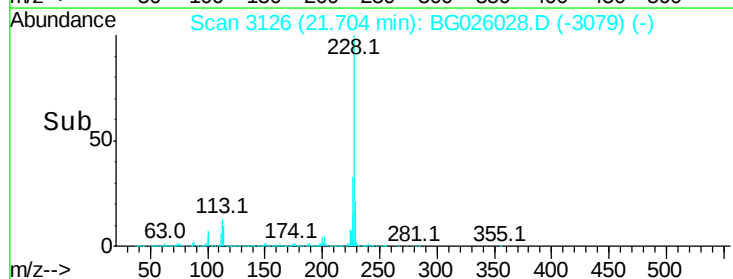
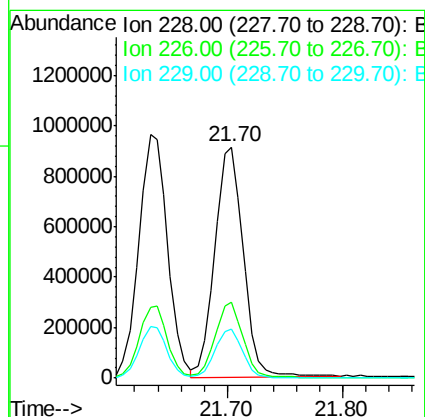
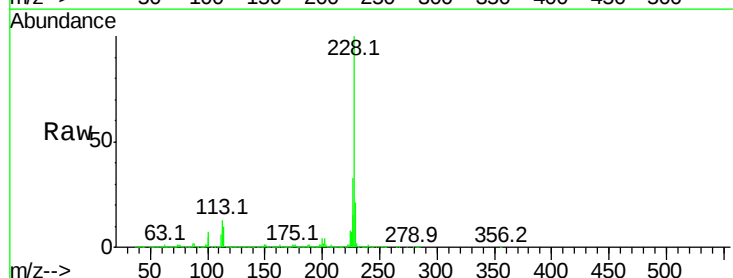
Instrument :
 BNA_G
 ClientSampleId :
 PB97261BS

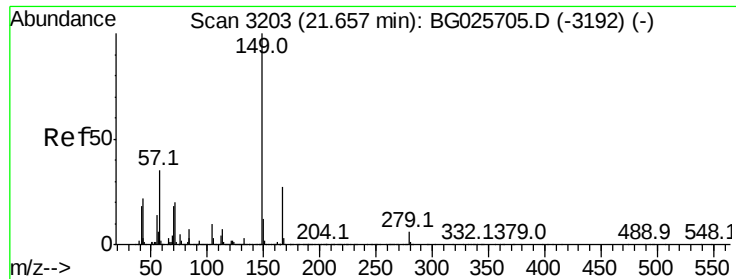
Tot Ion:252 Resp: 371411
 Ion Ratio Lower Upper
 252 100
 254 65.2 53.1 79.7
 126 10.8 7.0 10.4#



#82
 Chrysene
 Concen: 39.66 ng
 RT: 21.70 min Scan# 3126
 Delta R.T. -0.02 min
 Lab File: BG026028.D
 Acq: 2 Mar 2017 14:00

Tgt Ion:228 Resp: 1550882
 Ion Ratio Lower Upper
 228 100
 226 32.6 27.0 40.4
 229 21.0 17.8 26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 53.22 ng

RT: 21.54 min Scan# 3098

Delta R.T. -0.03 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Instrument :

BNA_G

ClientSampleId :

PB97261BS

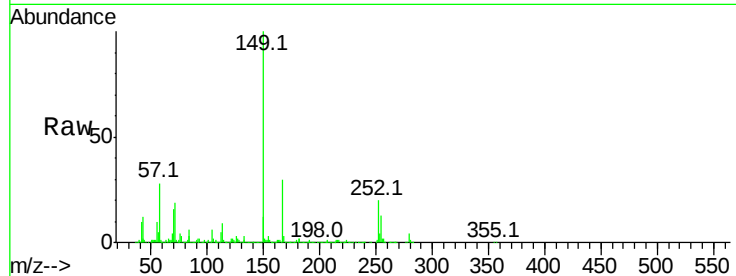
Tot Ion:149 Resp: 1284671

Ion Ratio Lower Upper

149 100

167 30.0 23.7 35.5

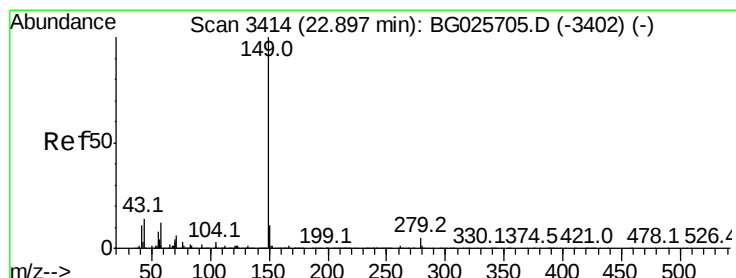
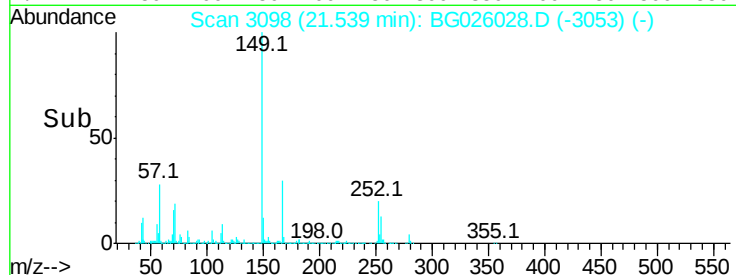
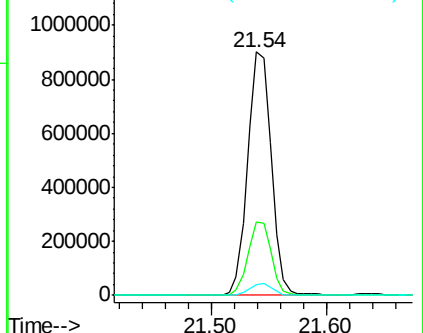
279 4.4 4.6 6.8#



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: 55.32 ng

RT: 22.74 min Scan# 3303

Delta R.T. -0.04 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

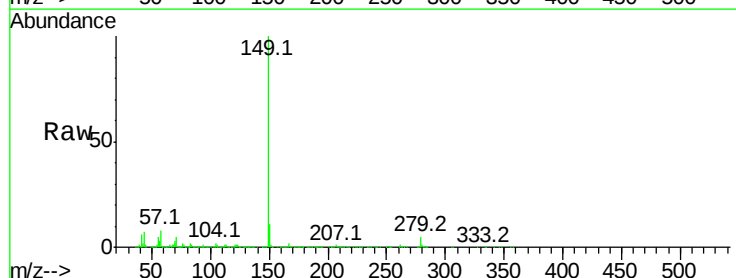
Tgt Ion:149 Resp: 2205486

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

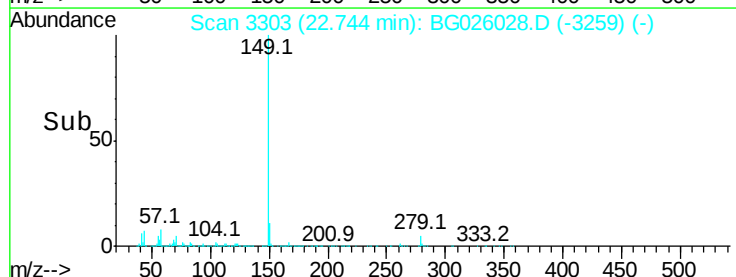
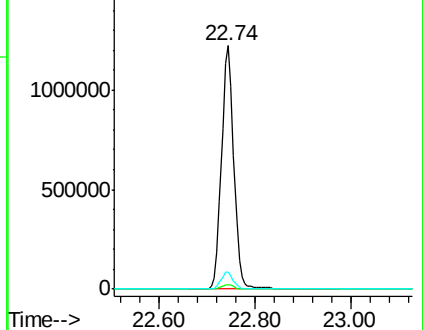
43 7.0 11.8 17.6#

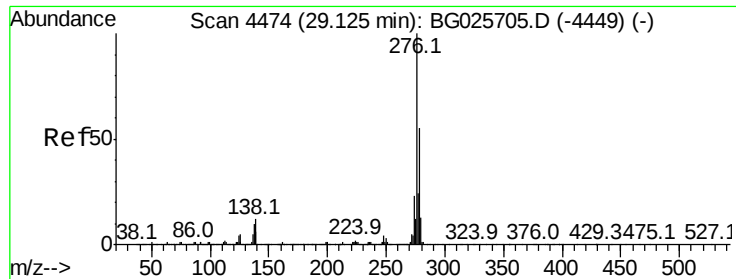


Abundance Ion 149.00 (148.70 to 149.70): E

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: 37.07 ng

RT: 28.50 min Scan# 4282

Delta R.T. -0.05 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Instrument :

BNA_G

ClientSampleId :

PB97261BS

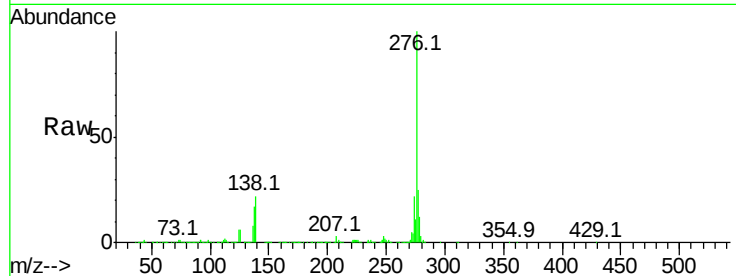
Tot Ion:276 Resp: 1707570

Ion Ratio Lower Upper

276 100

138 27.5 4.7 7.1#

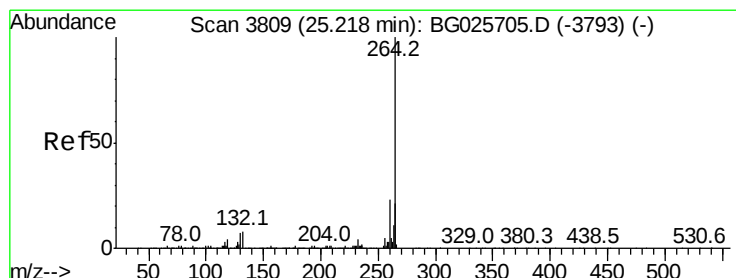
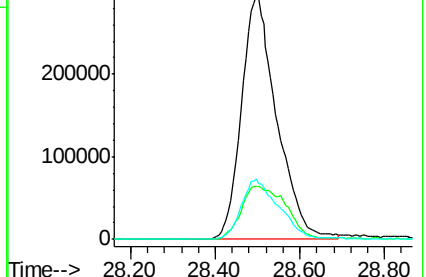
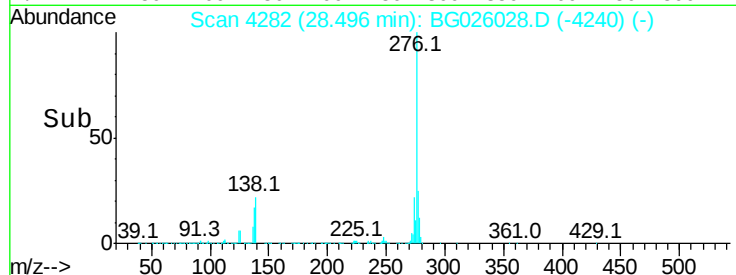
277 25.8 20.6 31.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.85 min Scan# 3662

Delta R.T. -0.03 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

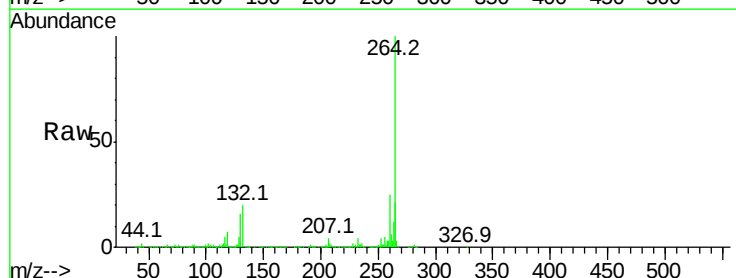
Tgt Ion:264 Resp: 646348

Ion Ratio Lower Upper

264 100

260 24.6 21.8 32.8

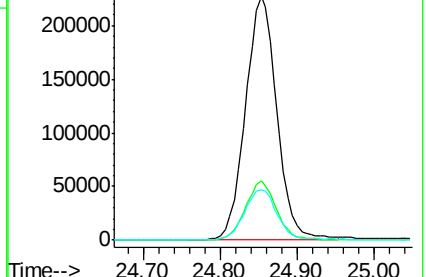
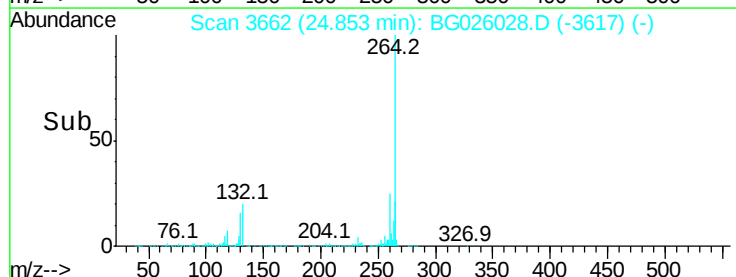
265 20.9 18.2 27.4

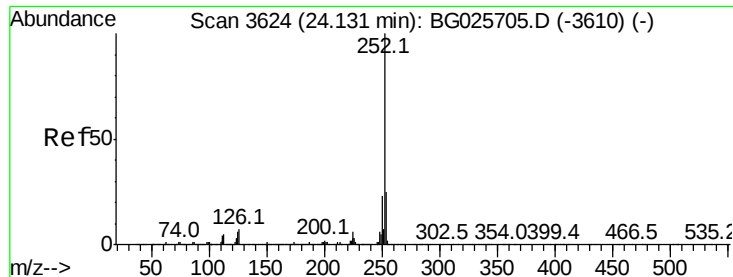


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 43.23 ng

RT: 23.84 min Scan# 3490

Delta R.T. -0.03 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Instrument :

BNA_G

ClientSampleId :

PB97261BS

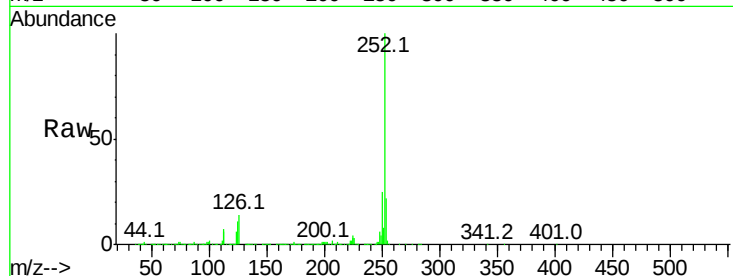
Tot Ion:252 Resp: 1673385

Ion Ratio Lower Upper

252 100

253 22.1 18.7 28.1

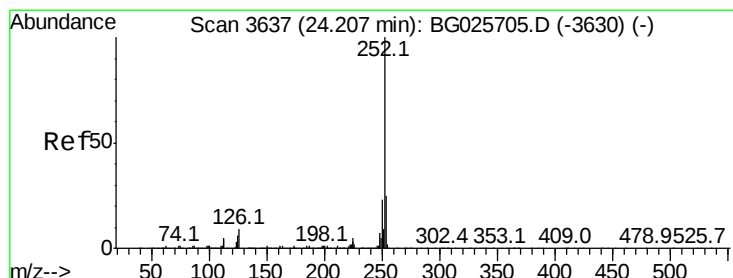
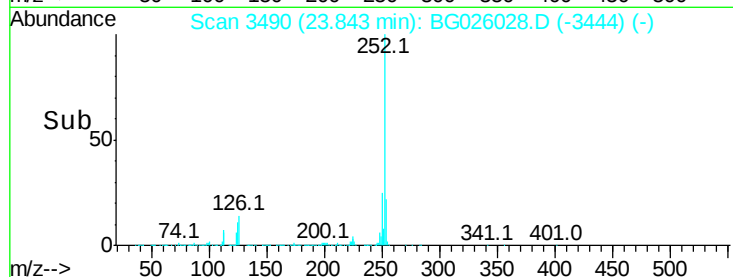
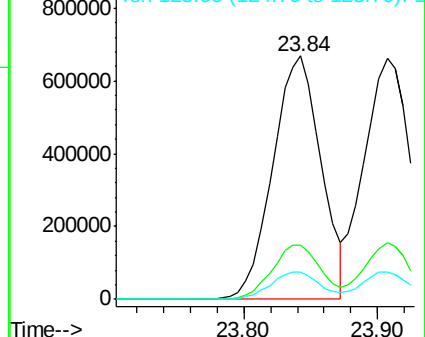
125 11.5 5.3 7.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.84 ng

RT: 23.91 min Scan# 3501

Delta R.T. -0.03 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

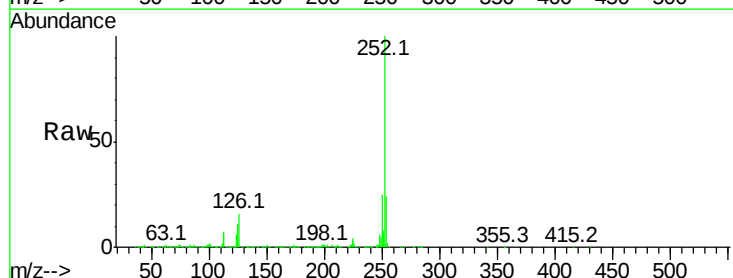
Tgt Ion:252 Resp: 1618161

Ion Ratio Lower Upper

252 100

253 23.5 20.2 30.2

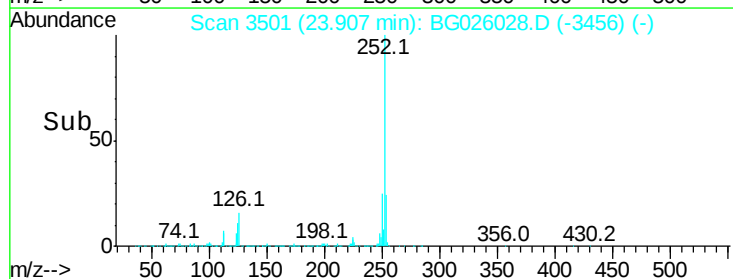
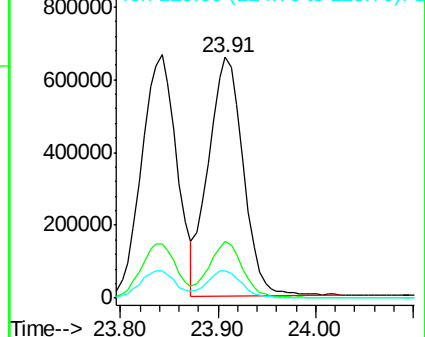
125 11.5 5.1 7.7#

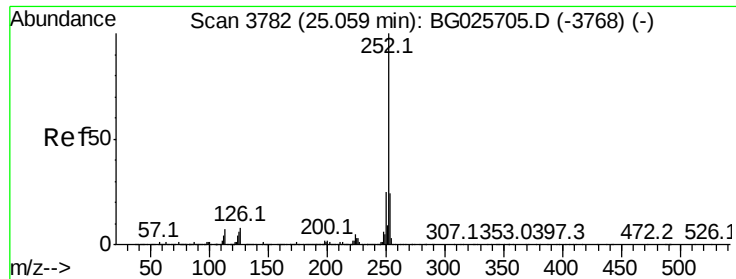


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.83 ng

RT: 24.71 min Scan# 3637

Delta R.T. -0.03 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Instrument :

BNA_G

ClientSampleId :

PB97261BS

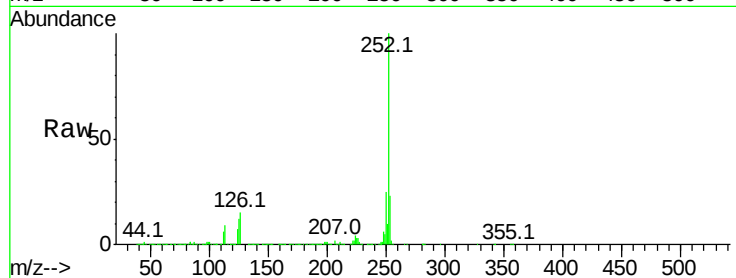
Tot Ion:252 Resp: 1570048

Ion Ratio Lower Upper

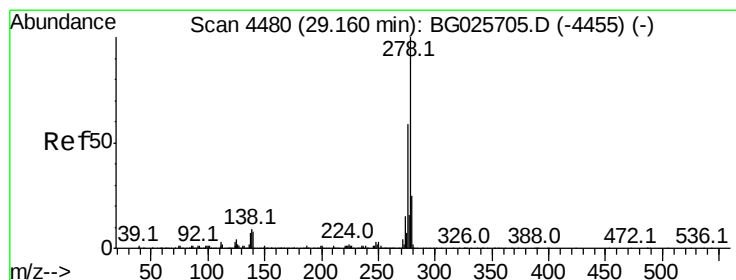
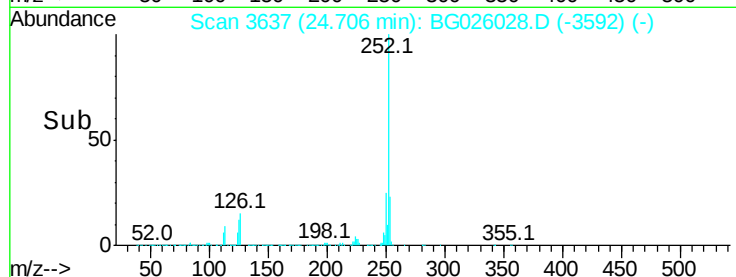
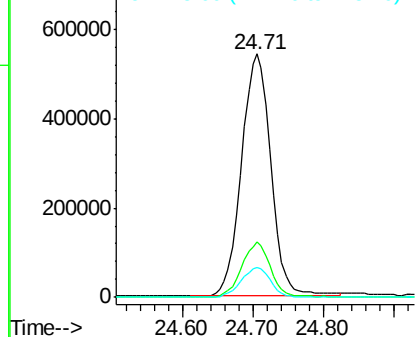
252 100

253 23.0 19.2 28.8

125 12.2 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: 37.23 ng

RT: 28.56 min Scan# 4293

Delta R.T. -0.06 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

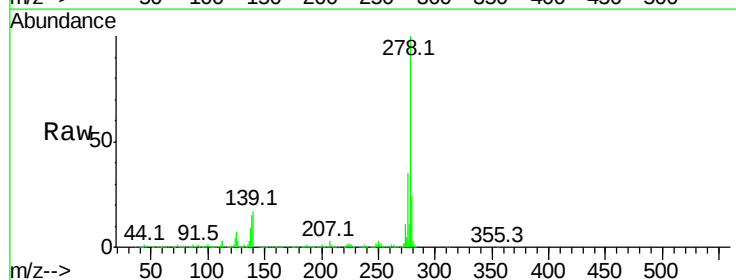
Tgt Ion:278 Resp: 1370932

Ion Ratio Lower Upper

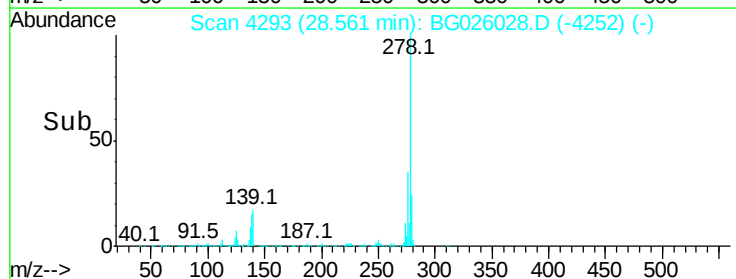
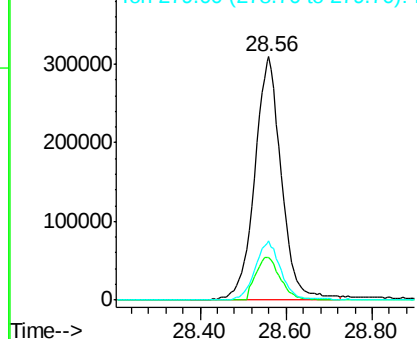
278 100

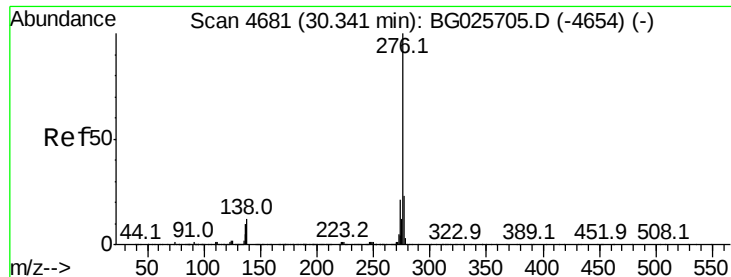
139 17.5 7.7 11.5#

279 24.3 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: 39.55 ng

RT: 29.64 min Scan# 4477

Delta R.T. -0.05 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Instrument :

BNA_G

ClientSampleId :

PB97261BS

Tot Ion:276 Resp: 1460111

Ion Ratio Lower Upper

276 100

277 23.3 18.6 27.8

138 23.5 8.1 12.1#

