

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070317\
 Data File : BG027838.D
 Acq On : 3 Jul 2017 18:54
 Operator : SJ/JU
 Sample : PB100333BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB100333BS

Quant Time: Jul 04 07:18:50 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	28723	20.00	ng	-0.02
21) Naphthalene-d8	11.27	136	141113	20.00	ng	-0.02
38) Acenaphthene-d10	15.05	164	95293	20.00	ng	-0.02
63) Phenanthrene-d10	17.79	188	245124	20.00	ng	-0.02
75) Chrysene-d12	22.15	240	261443	20.00	ng	-0.02
86) Perylene-d12	25.73	264	255507	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.03	112	253581	135.95	ng	-0.02
7) Phenol-d6	7.60	99	356256	125.02	ng	-0.01
23) Nitrobenzene-d5	9.62	82	209212	82.64	ng	-0.02
41) 2,4,6-Tribromophenol	16.53	330	227242	173.86	ng	-0.02
44) 2-Fluorobiphenyl	13.66	172	598395	89.68	ng	-0.02
78) Terphenyl-d14	20.37	244	1060905	95.13	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	4.01	88	20672	29.767	ng	90
3) Pyridine	4.41	79	36175	16.917	ng	95
4) n-Nitrosodimethylamine	4.31	42	38741	36.945	ng	88
6) Aniline	7.86	93	87879	26.606	ng	# 57
8) 2-Chlorophenol	8.02	128	93289	44.758	ng	87
9) Benzaldehyde	7.60	77	31049	18.312	ng	80
10) Phenol	7.62	94	119935	42.542	ng	86
11) bis(2-Chloroethyl)ether	7.86	93	87879	41.037	ng	98
12) 1,3-Dichlorobenzene	8.34	146	89774	40.493	ng	# 92
13) 1,4-Dichlorobenzene	8.49	146	93986	40.913	ng	90
14) 1,2-Dichlorobenzene	8.81	146	92069	41.335	ng	93
15) Benzyl Alcohol	8.69	79	16441	8.341	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	8.96	45	159624	34.947	ng	98
17) 2-Methylphenol	8.88	107	86192	43.214	ng	# 86
18) Hexachloroethane	9.54	117	31617	39.127	ng	86
19) n-Nitroso-di-n-propylamine	9.25	70	72614	35.027	ng	# 94
20) 3+4-Methylphenols	9.21	107	119067	41.397	ng	91
22) Acetophenone	9.27	105	137782	40.462	ng	# 88
24) Nitrobenzene	9.66	77	103505	39.107	ng	# 83
25) Isophorone	10.17	82	207828	37.662	ng	# 93
26) 2-Nitrophenol	10.37	139	52323	43.766	ng	# 81
27) 2,4-Dimethylphenol	10.42	122	102273	45.675	ng	93
28) bis(2-Chloroethoxy)methane	10.65	93	113969	36.429	ng	# 98
29) 2,4-Dichlorophenol	10.91	162	100117	51.020	ng	96
30) 1,2,4-Trichlorobenzene	11.13	180	89776	44.858	ng	98
31) Naphthalene	11.32	128	298491	39.776	ng	99
32) Benzoic acid	10.53	122	41620	33.658	ng	# 78
33) 4-Chloroaniline	11.60	127	46763m	14.424	ng	
34) Hexachlorobutadiene	11.59	225	54202	48.606	ng	95
35) Caprolactam	12.21	113	41835m	42.386	ng	
36) 4-Chloro-3-methylphenol	12.51	107	121653	44.057	ng	# 87
37) 2-Methylnaphthalene	12.89	142	234956	42.036	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.25	216	112335	44.860	ng	98
40) Hexachlorocyclopentadiene	13.22	237	150193	127.213	ng	96

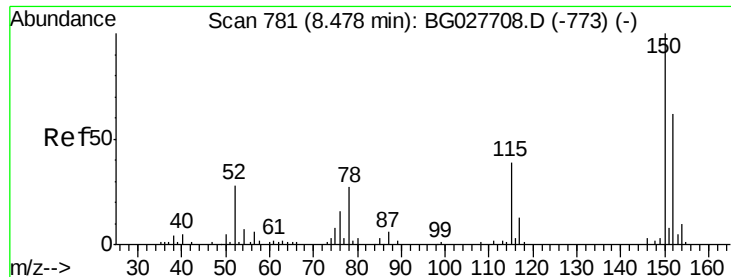
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.48	196	88960	49.188	ng	92
43) 2,4,5-Trichlorophenol	13.57	196	96293	46.989	ng	93
45) 1,1'-Biphenyl	13.88	154	318478	41.697	ng	99
46) 2-Chloronaphthalene	13.93	162	241301	41.820	ng	97
47) 2-Nitroaniline	14.13	65	95677	41.427	ng	# 84
48) Acenaphthylene	14.77	152	420848	39.916	ng	97
49) Dimethylphthalate	14.48	163	364963	44.896	ng	97
50) 2,6-Dinitrotoluene	14.61	165	76975	43.559	ng	# 83
51) Acenaphthene	15.11	154	259245	38.364	ng	94
52) 3-Nitroaniline	14.96	138	63890	30.732	ng	81
53) 2,4-Dinitrophenol	15.15	184	100682	101.262	ng	96
54) Dibenzofuran	15.44	168	404436	45.263	ng	98
55) 4-Nitrophenol	15.25	139	130192	82.038	ng	# 63
56) 2,4-Dinitrotoluene	15.40	165	115732	46.954	ng	# 86
57) Fluorene	16.09	166	358093	41.334	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.66	232	91215	51.635	ng	94
59) Diethylphthalate	15.83	149	400584	44.502	ng	96
60) 4-Chlorophenyl-phenylether	16.07	204	176480	46.016	ng	96
61) 4-Nitroaniline	16.11	138	86917	40.131	ng	# 72
62) Azobenzene	16.36	77	327479	41.402	ng	92
64) 4,6-Dinitro-2-methylphenol	16.16	198	69664	45.856	ng	86
65) n-Nitrosodiphenylamine	16.29	169	327322	41.049	ng	97
66) 4-Bromophenyl-phenylether	16.97	248	121572	47.419	ng	95
67) Hexachlorobenzene	17.10	284	129652	47.752	ng	91
68) Atrazine	17.23	200	96909	38.495	ng	97
69) Pentachlorophenol	17.44	266	156925	89.714	ng	98
70) Phenanthrene	17.84	178	600302	42.421	ng	95
71) Anthracene	17.92	178	605748	42.390	ng	97
72) Carbazole	18.19	167	531865	37.793	ng	96
73) Di-n-butylphthalate	18.72	149	674815	43.634	ng	# 93
74) Fluoranthene	19.83	202	688804	44.538	ng	95
76) Benzidine	20.03	184	48368	10.468	ng	94
77) Pyrene	20.19	202	694897	42.353	ng	95
79) Butylbenzylphthalate	21.06	149	295896	40.042	ng	89
80) Benzo(a)anthracene	22.13	228	665940	42.131	ng	93
81) 3,3'-Dichlorobenzidine	22.03	252	196114	34.185	ng	96
82) Chrysene	22.20	228	618600	41.753	ng	94
83) Bis(2-ethylhexyl)phthalate	21.98	149	426219	39.469	ng	96
84) Di-n-octyl phthalate	23.31	149	719595	40.335	ng	# 89
85) Indeno(1,2,3-cd)pyrene	29.88	276	792799	46.819	ng	# 91
87) Benzo(b)fluoranthene	24.59	252	671117	40.770	ng	# 95
88) Benzo(k)fluoranthene	24.66	252	664644	40.847	ng	# 95
89) Benzo(a)pyrene	25.57	252	645292	41.777	ng	# 96
90) Dibenzo(a,h)anthracene	29.93	278	668468	42.719	ng	# 96
91) Benzo(g,h,i)perylene	31.16	276	632532	42.061	ng	# 91

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

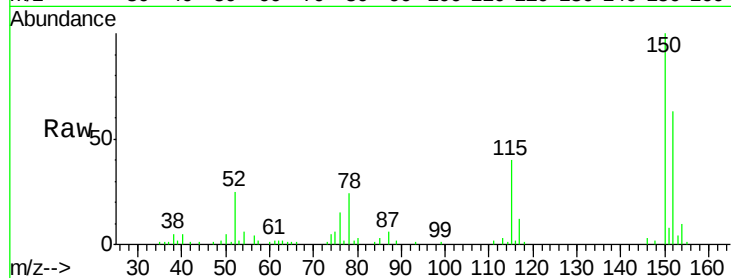


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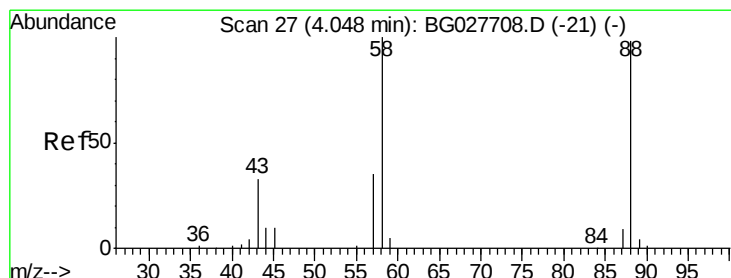
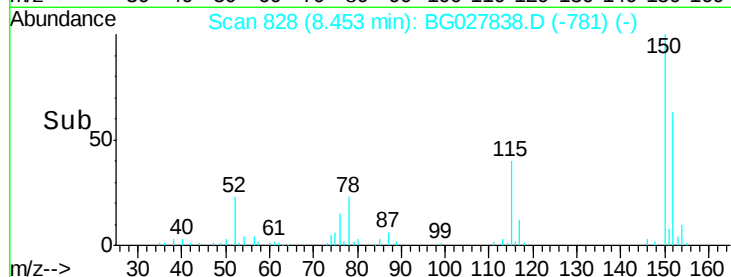
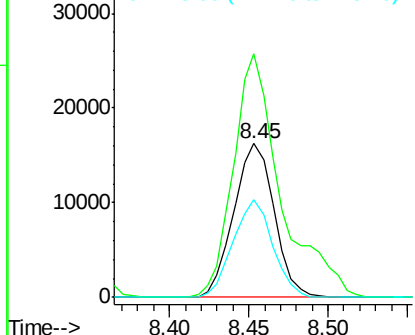
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.45 min Scan# 828
Delta R.T. -0.02 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

Instrument :
BNA_G
ClientSampleId :
PB100333BS

Tgt Ion:152 Resp: 28723
Ion Ratio Lower Upper
152 100
150 158.5 114.0 171.0
115 63.5 48.1 72.1



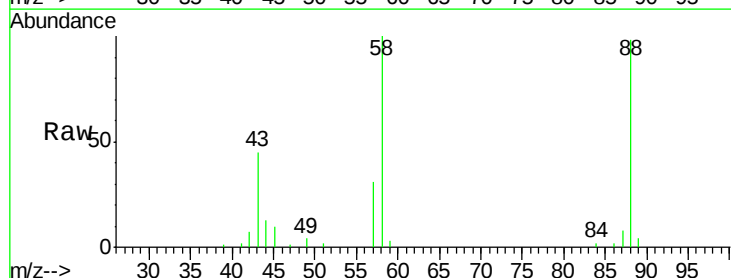
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



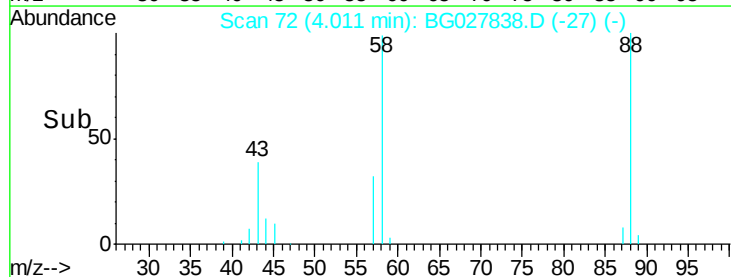
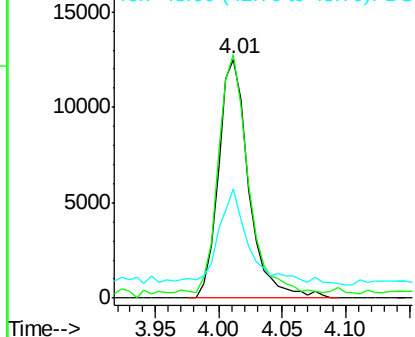
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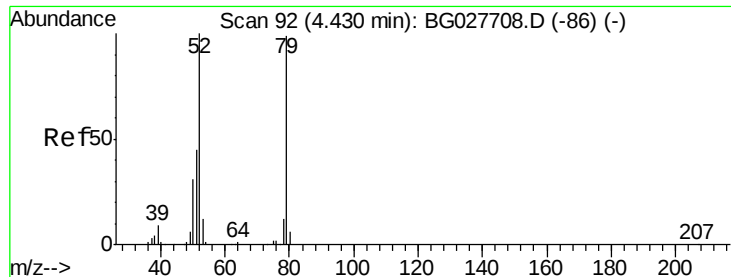
1,4-Dioxane
Concen: 29.767 ng
RT: 4.01 min Scan# 72
Delta R.T. -0.04 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

Tgt Ion: 88 Resp: 20672
Ion Ratio Lower Upper
88 100
58 110.3 79.4 119.2
43 37.1 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

Pyridine

Concen: 16.917 ng

RT: 4.41 min Scan# 140

Delta R.T. -0.02 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

Instrument :

BNA_G

ClientSampleId :

PB100333BS

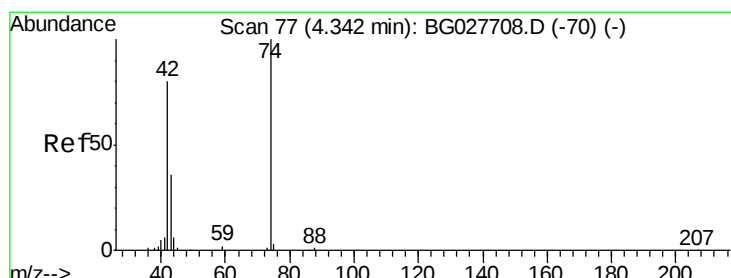
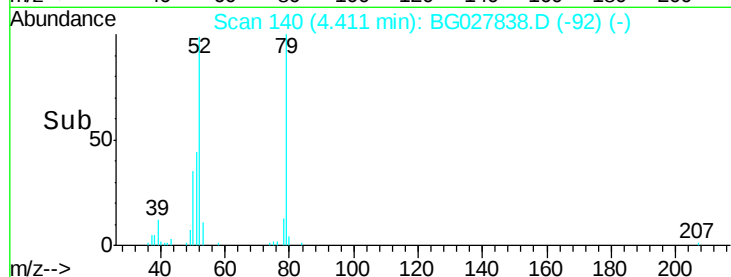
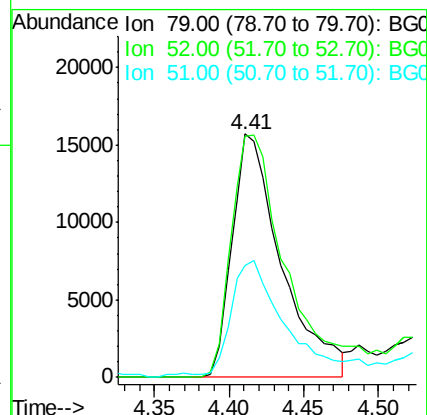
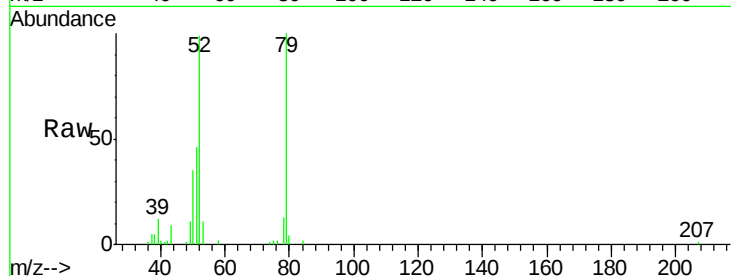
Tgt Ion: 79 Resp: 36175

Ion Ratio Lower Upper

79 100

52 99.0 77.8 116.6

51 45.8 43.2 64.8



#4

n-Nitrosodimethylamine

Concen: 36.945 ng

RT: 4.31 min Scan# 122

Delta R.T. -0.04 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

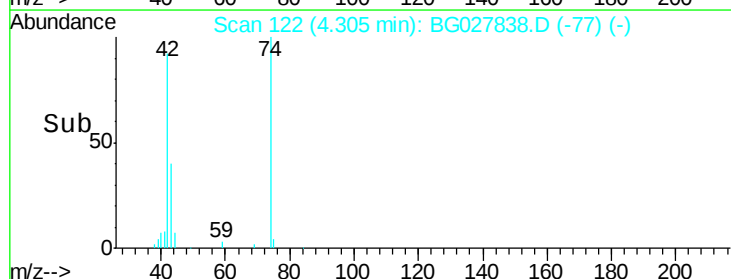
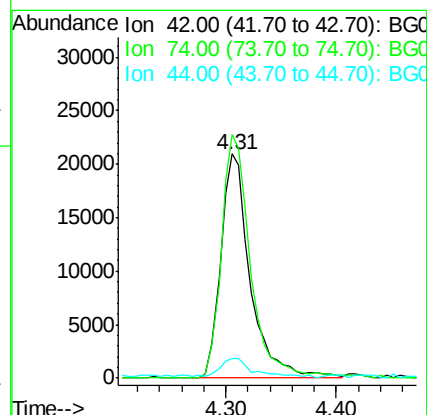
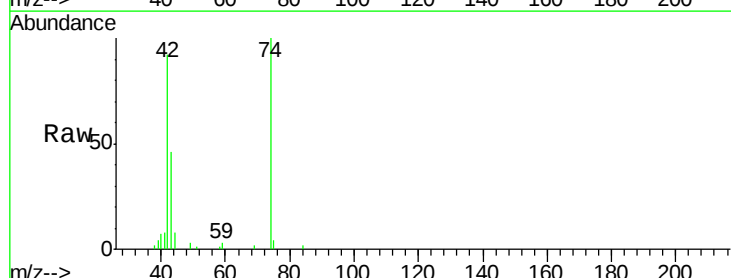
Tgt Ion: 42 Resp: 38741

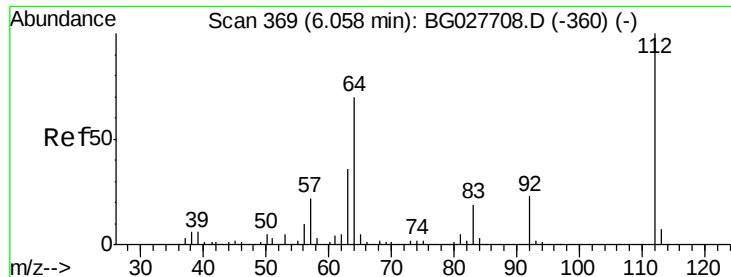
Ion Ratio Lower Upper

42 100

74 108.5 76.7 115.1

44 8.9 6.1 9.1





#5

2-Fluorophenol

Concen: 135.951 ng

RT: 6.03 min Scan# 416

Delta R.T. -0.02 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

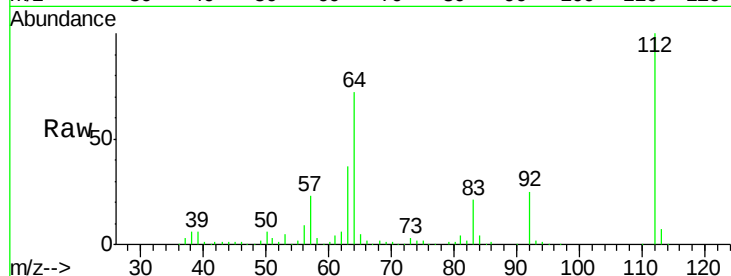
Instrument :

BNA_G

ClientSampleId :

PB100333BS

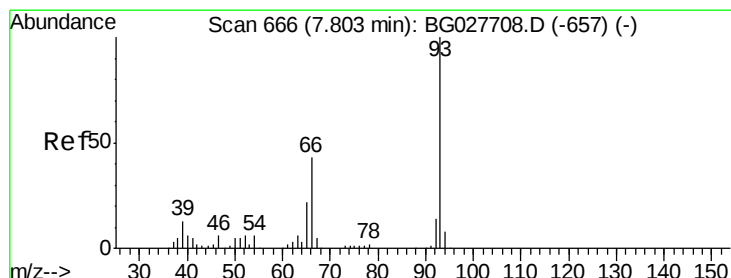
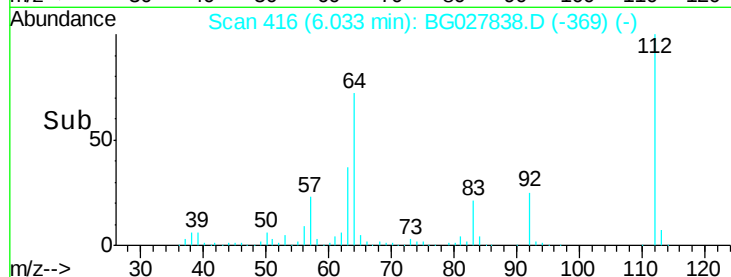
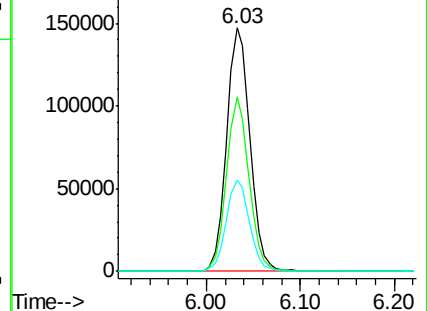
Tgt Ion:	112	Resp:	253581
Ion	Ratio	Lower	Upper
112	100		
64	71.8	61.8	92.6
63	37.4	37.2	55.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 26.606 ng

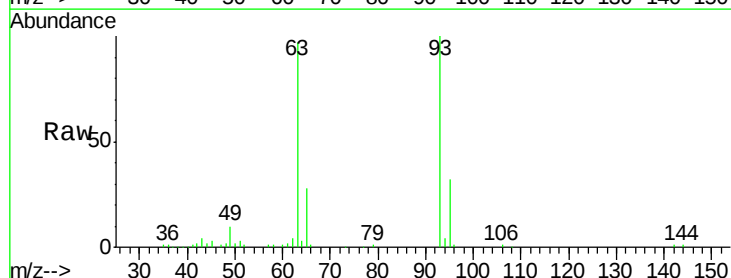
RT: 7.86 min Scan# 727

Delta R.T. 0.06 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

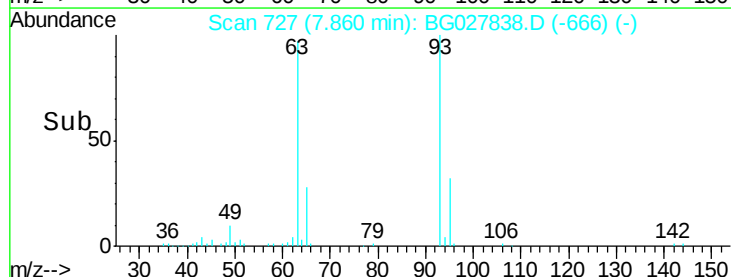
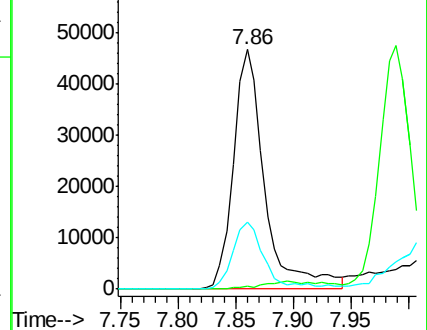
Tgt Ion:	93	Resp:	87879
Ion	Ratio	Lower	Upper
93	100		
66	1.1	35.4	53.2#
65	28.0	21.2	31.8

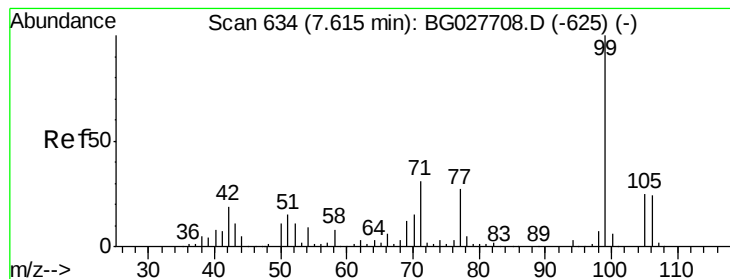


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 125.023 ng

RT: 7.60 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

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PB100333BS

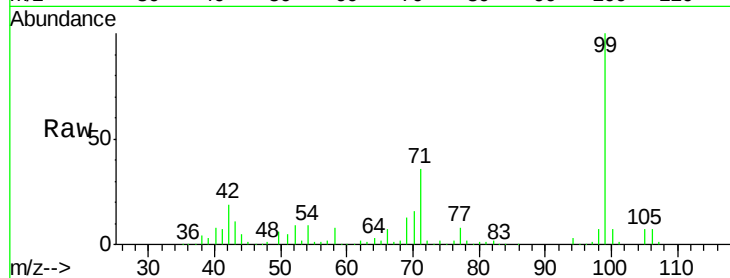
Tgt Ion: 99 Resp: 356256

Ion Ratio Lower Upper

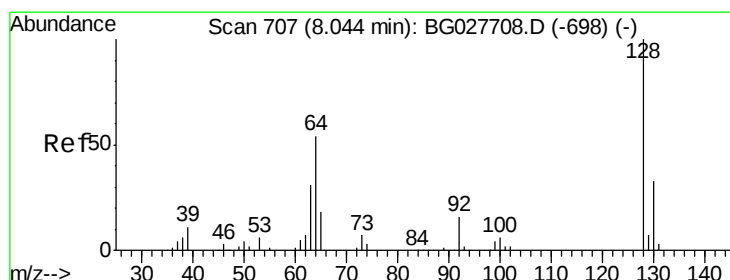
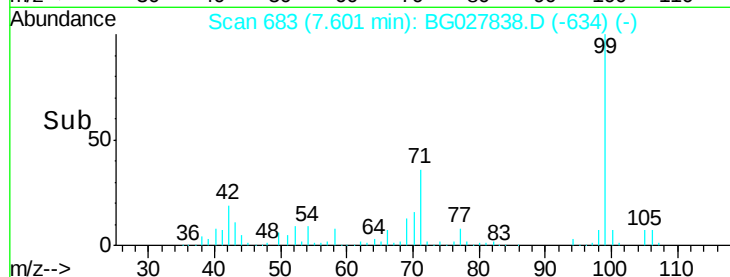
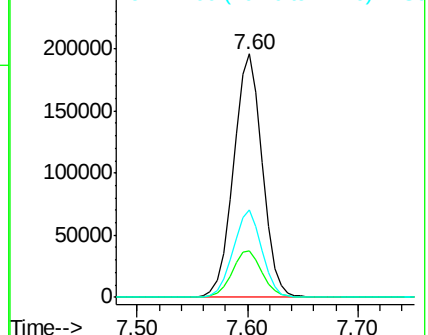
99 100

42 19.2 20.5 30.7#

71 35.7 37.6 56.4#



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



#8

2-Chlorophenol

Concen: 44.758 ng

RT: 8.02 min Scan# 754

Delta R.T. -0.02 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

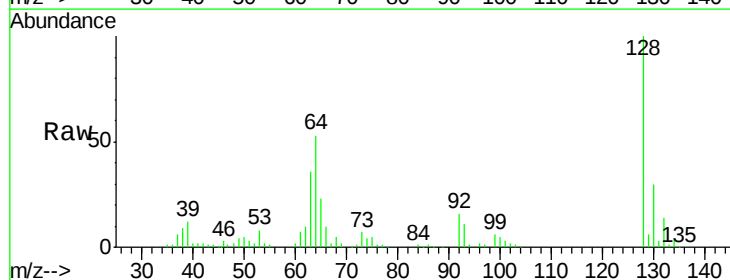
Tgt Ion: 128 Resp: 93289

Ion Ratio Lower Upper

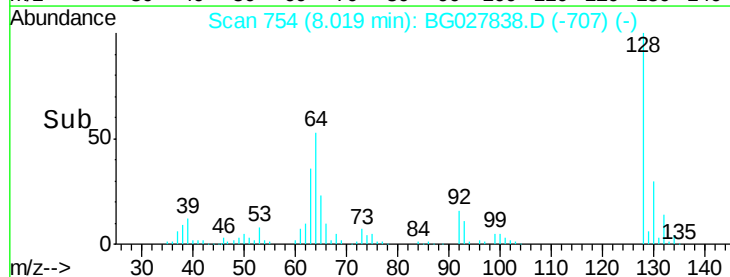
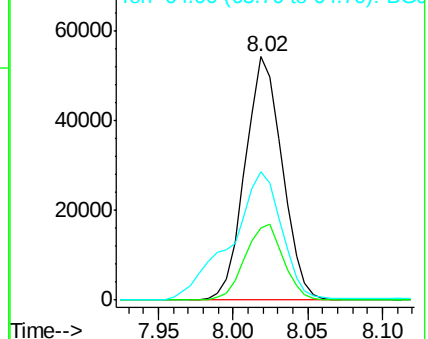
128 100

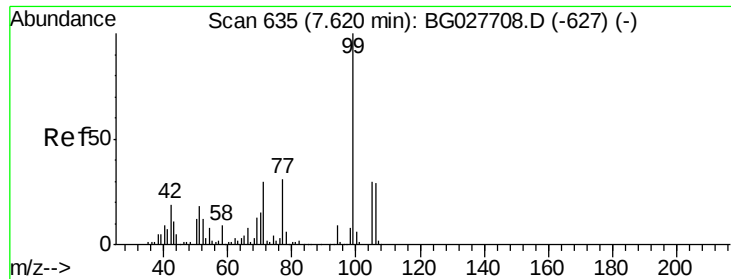
130 29.8 11.4 51.4

64 52.6 46.6 86.6



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





#9

Benzaldehyde

Concen: 18.312 ng

RT: 7.60 min Scan# 682

Delta R.T. -0.02 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

Instrument :

BNA_G

ClientSampleId :

PB100333BS

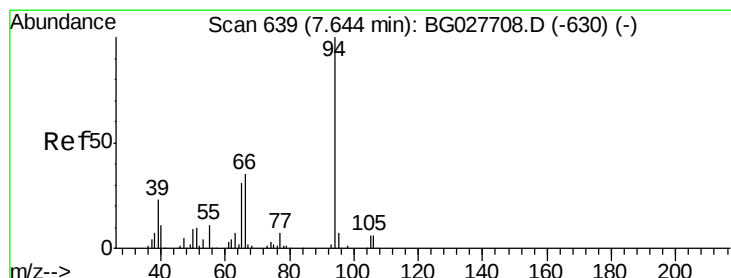
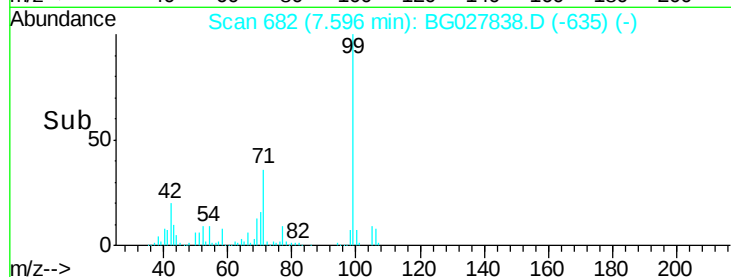
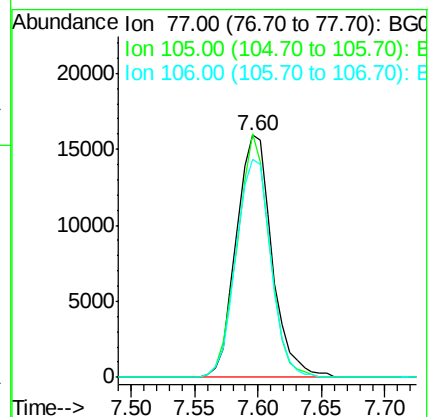
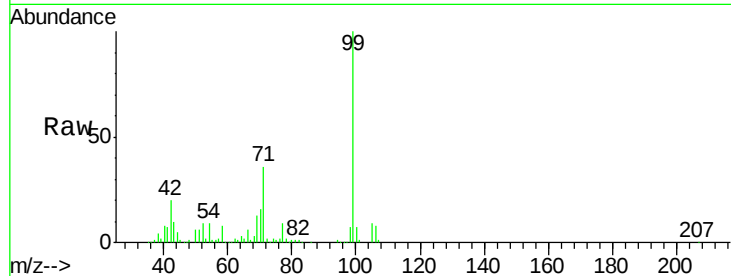
Tgt Ion: 77 Resp: 31049

Ion Ratio Lower Upper

77 100

105 100.6 60.9 100.9

106 90.0 55.1 95.1



#10

Phenol

Concen: 42.542 ng

RT: 7.62 min Scan# 687

Delta R.T. -0.02 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

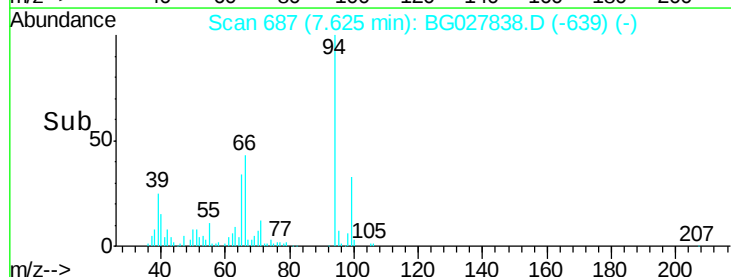
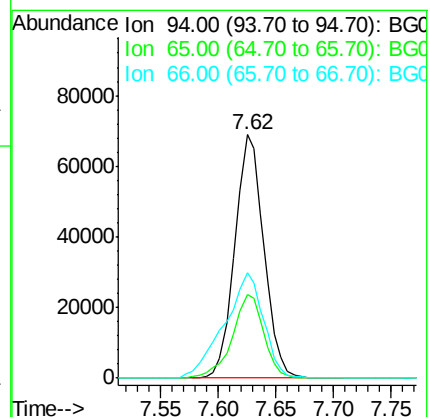
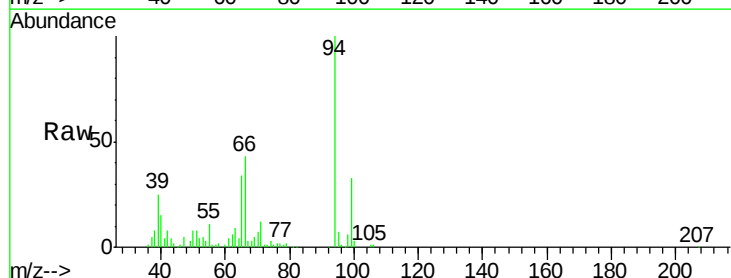
Tgt Ion: 94 Resp: 119935

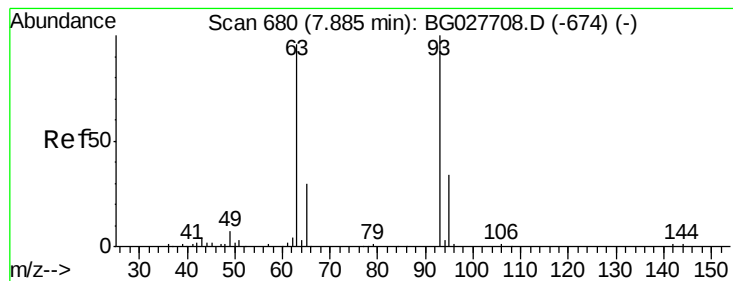
Ion Ratio Lower Upper

94 100

65 34.4 20.6 60.6

66 43.1 35.5 75.5





#11

bis(2-Chloroethyl)ether

Concen: 41.037 ng

RT: 7.86 min Scan# 727

Delta R.T. -0.02 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

Instrument :

BNA_G

ClientSampleId :

PB100333BS

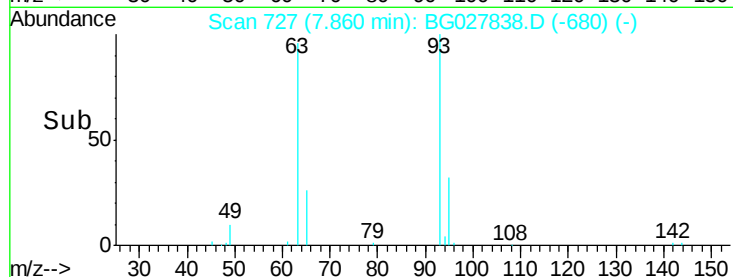
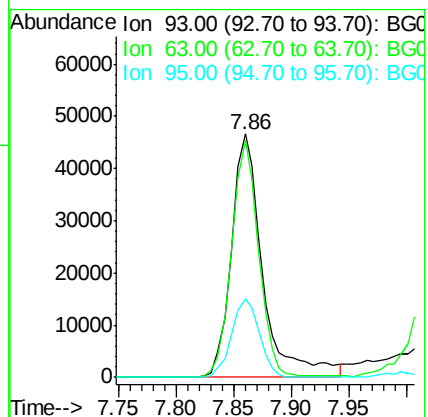
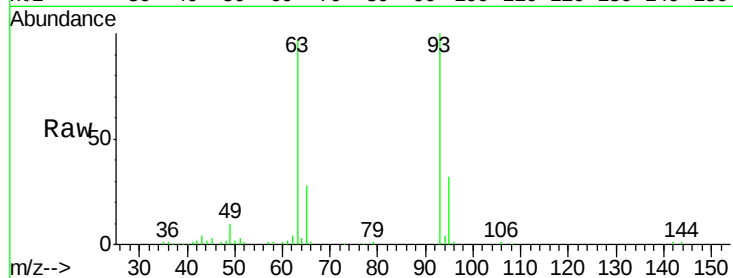
Tgt Ion: 93 Resp: 87879

Ion Ratio Lower Upper

93 100

63 97.5 78.5 118.5

95 32.1 9.8 49.8



#12

1,3-Dichlorobenzene

Concen: 40.493 ng

RT: 8.34 min Scan# 809

Delta R.T. -0.02 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

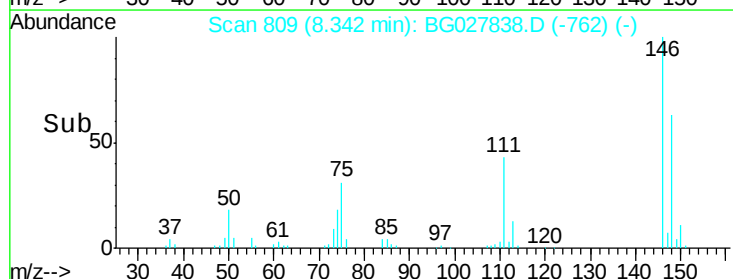
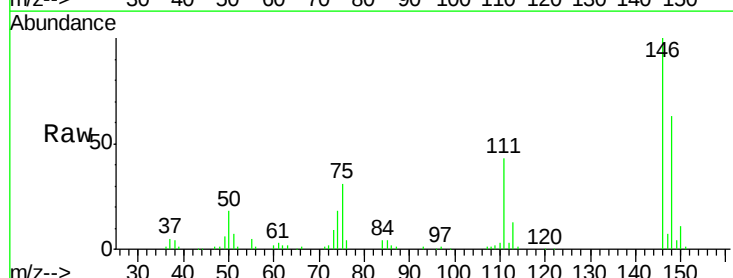
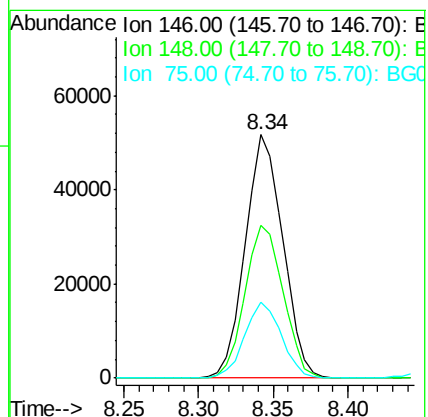
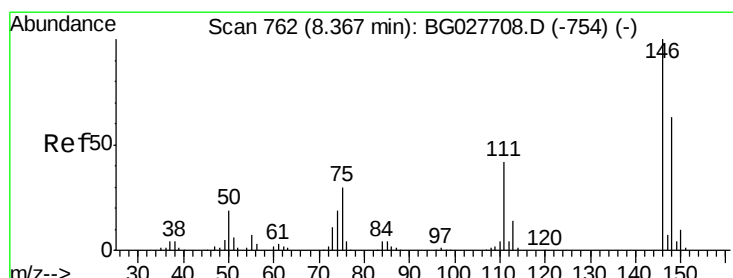
Tgt Ion: 146 Resp: 89774

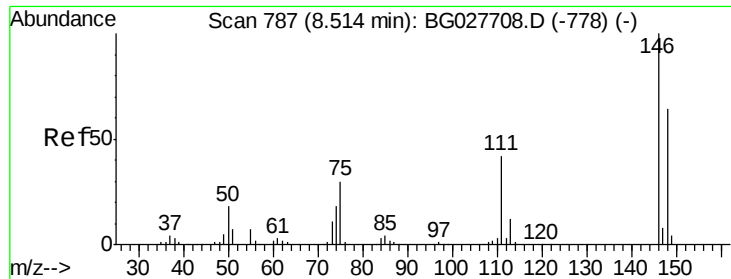
Ion Ratio Lower Upper

146 100

148 62.7 49.2 73.8

75 31.0 33.4 50.2#

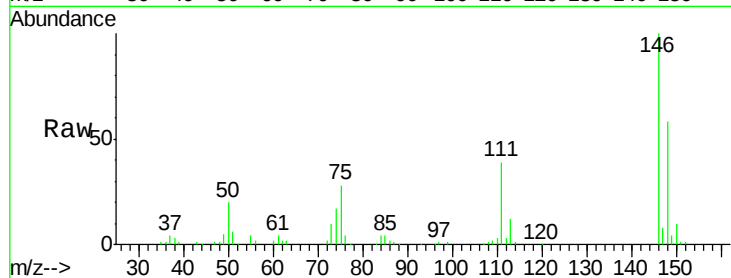




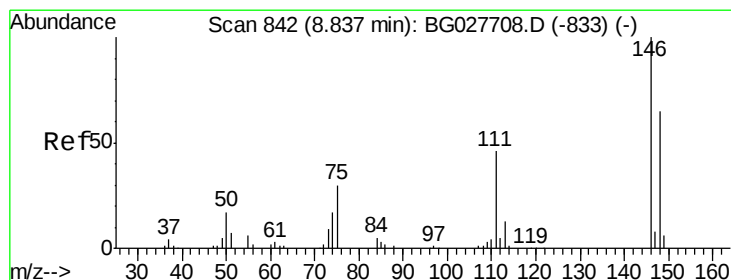
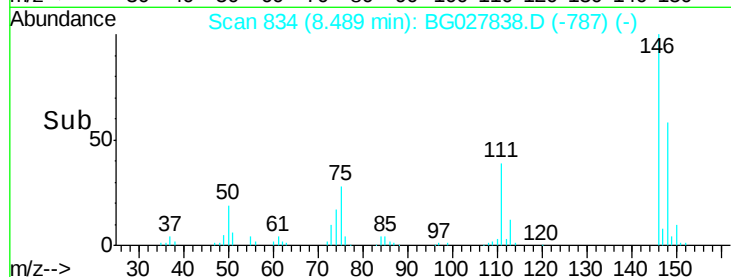
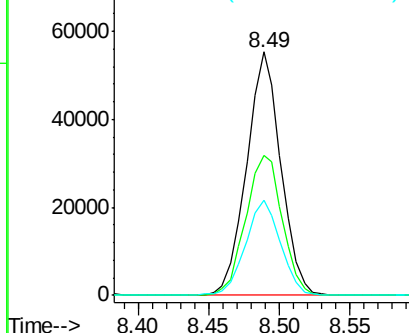
#13
 1,4-Dichlorobenzene
 Concen: 40.913 ng
 RT: 8.49 min Scan# 834
 Delta R.T. -0.02 min
 Lab File: BG027838.D
 Acq: 3 Jul 2017 18:54

Instrument :
 BNA_G
 ClientSampleId :
 PB100333BS

Tgt Ion:146 Resp: 93986
 Ion Ratio Lower Upper
 146 100
 148 57.5 52.2 78.2
 111 39.1 37.0 55.6

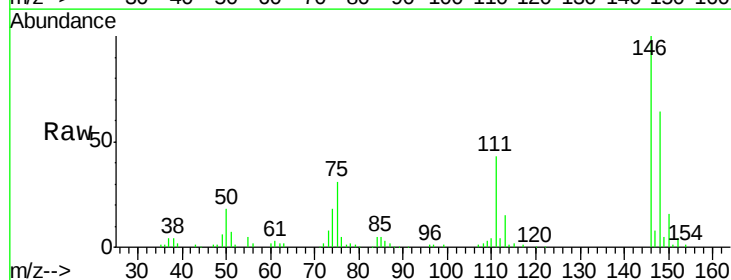


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

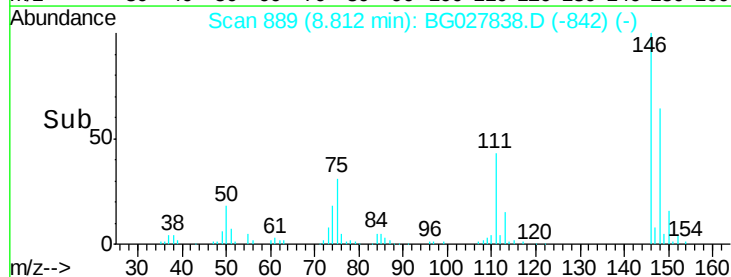
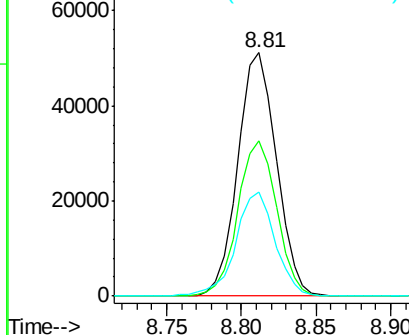


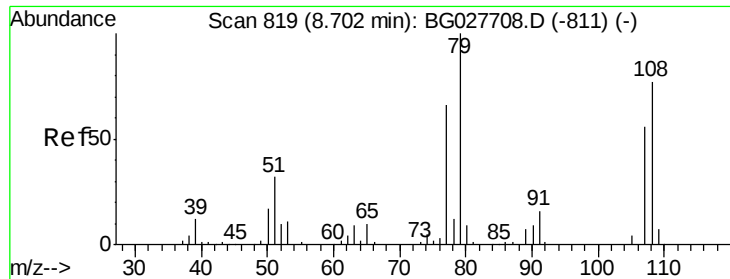
#14
 1,2-Dichlorobenzene
 Concen: 41.335 ng
 RT: 8.81 min Scan# 889
 Delta R.T. -0.02 min
 Lab File: BG027838.D
 Acq: 3 Jul 2017 18:54

Tgt Ion:146 Resp: 92069
 Ion Ratio Lower Upper
 146 100
 148 63.8 54.6 81.8
 111 42.7 39.7 59.5



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 8.341 ng

RT: 8.69 min Scan# 868

Delta R.T. -0.01 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

Instrument :

BNA_G

ClientSampleId :

PB100333BS

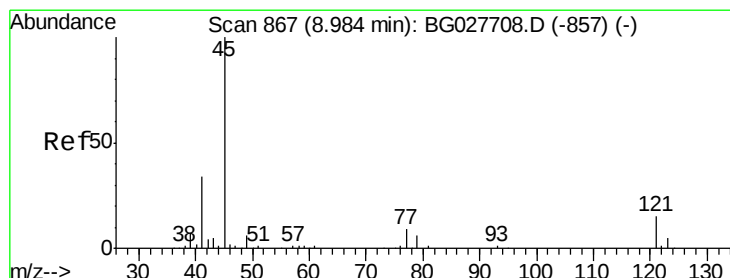
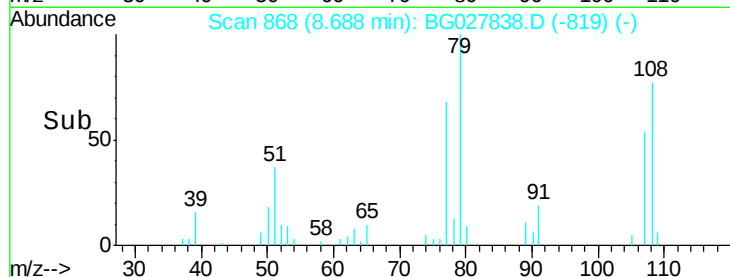
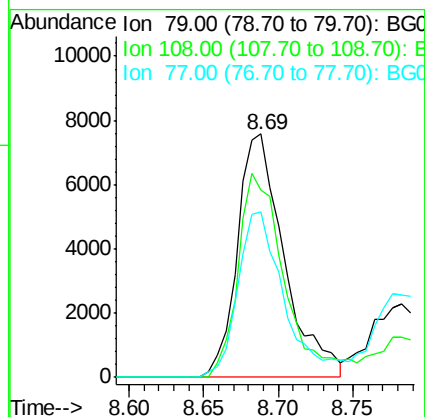
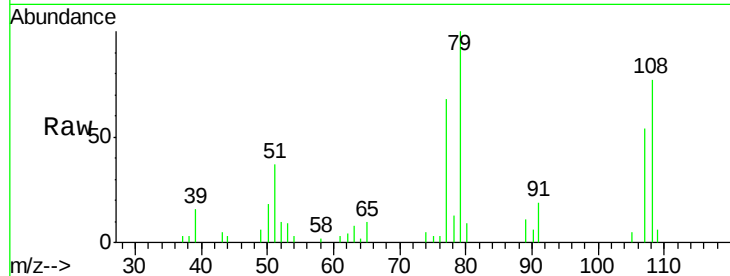
Tgt Ion: 79 Resp: 16441

Ion Ratio Lower Upper

79 100

108 76.9 45.5 68.3#

77 68.1 54.3 81.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.947 ng

RT: 8.96 min Scan# 914

Delta R.T. -0.02 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

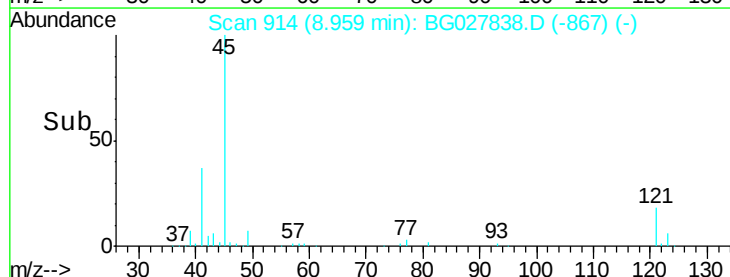
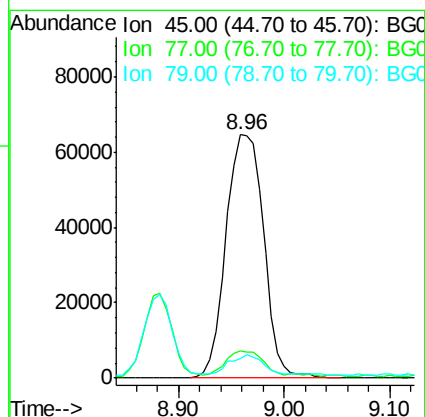
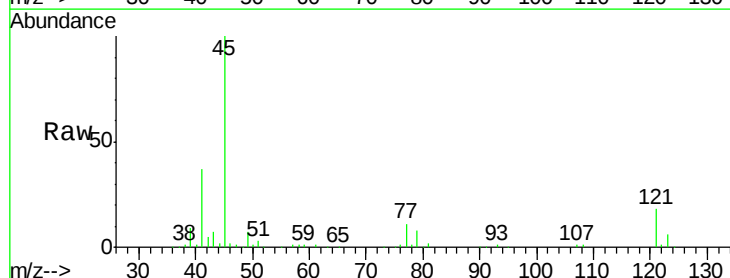
Tgt Ion: 45 Resp: 159624

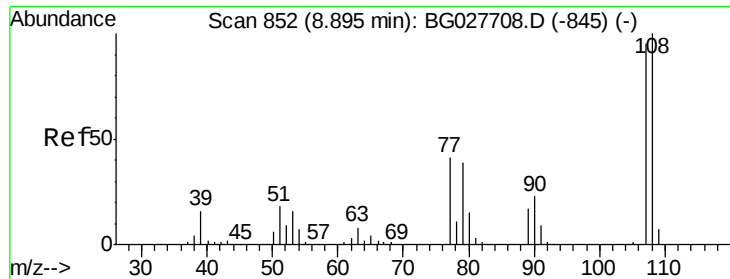
Ion Ratio Lower Upper

45 100

77 11.4 0.0 30.6

79 8.0 0.0 28.5

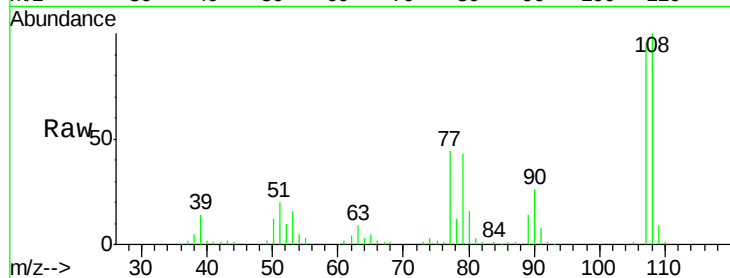




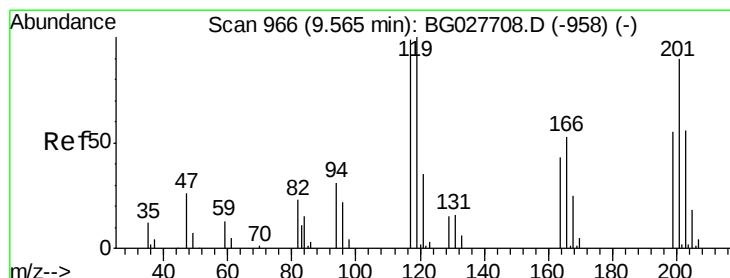
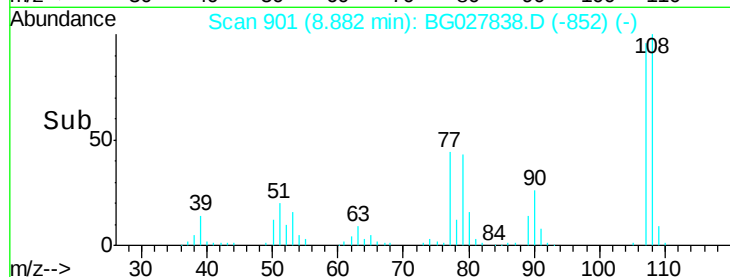
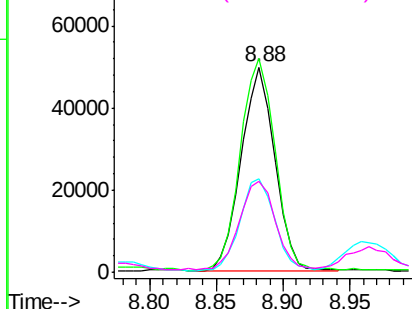
#17
2-Methylphenol
Concen: 43.214 ng
RT: 8.88 min Scan# 901
Delta R.T. -0.01 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

Instrument :
BNA_G
ClientSampleId :
PB100333BS

Tgt Ion:107 Resp: 86192
Ion Ratio Lower Upper
107 100
108 104.2 85.6 128.4
77 45.5 51.4 77.2#
79 44.6 49.2 73.8#

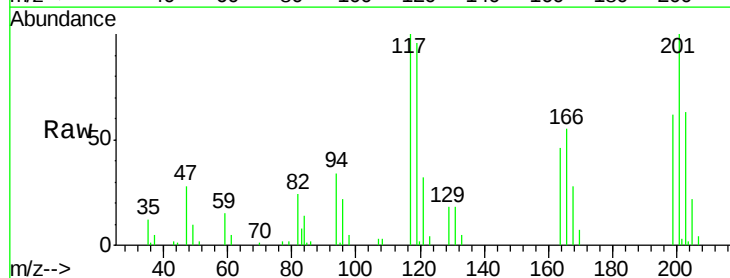


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

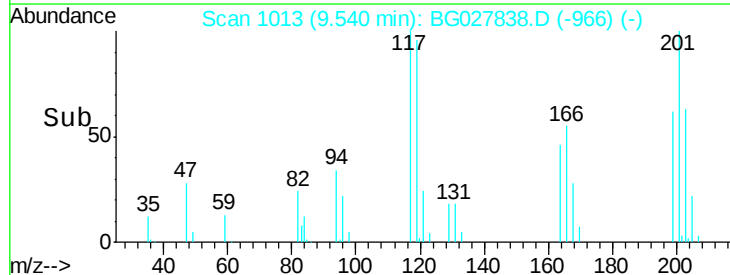
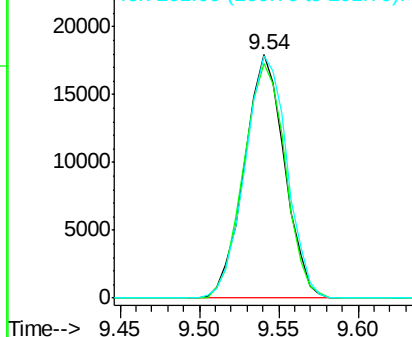


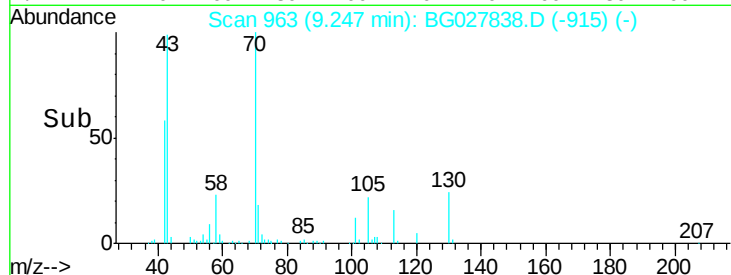
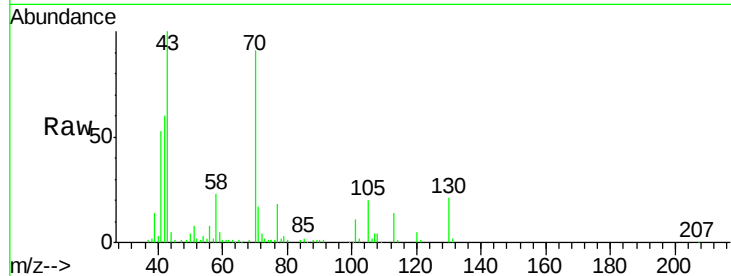
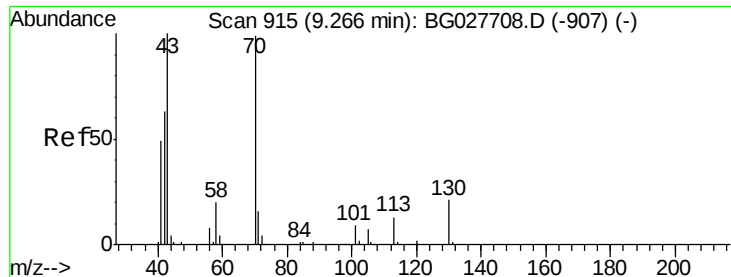
#18
Hexachloroethane
Concen: 39.127 ng
RT: 9.54 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

Tgt Ion:117 Resp: 31617
Ion Ratio Lower Upper
117 100
119 96.1 69.8 104.6
201 99.5 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

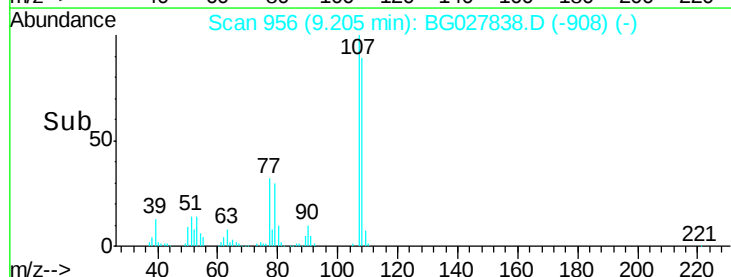
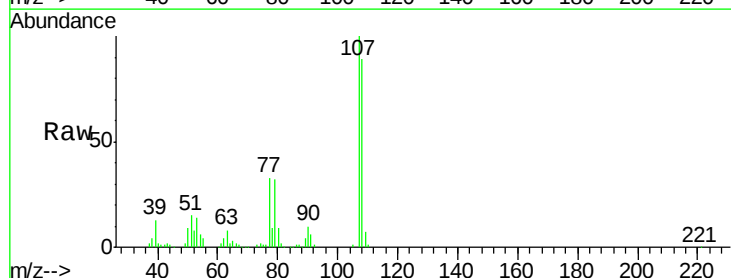
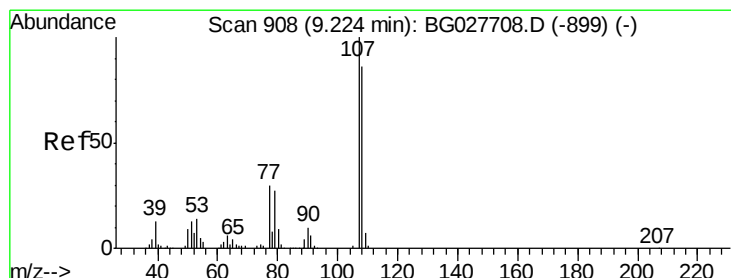
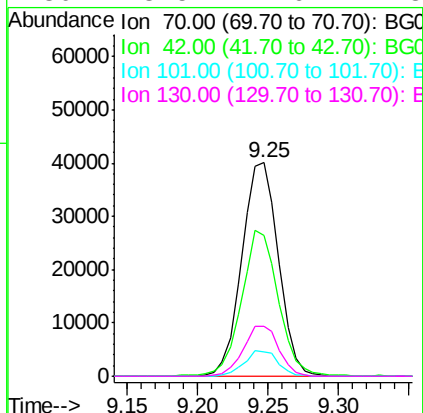




#19
n-Nitroso-di-n-propylamine
Concen: 35.027 ng
RT: 9.25 min Scan# 963
Delta R.T. -0.02 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

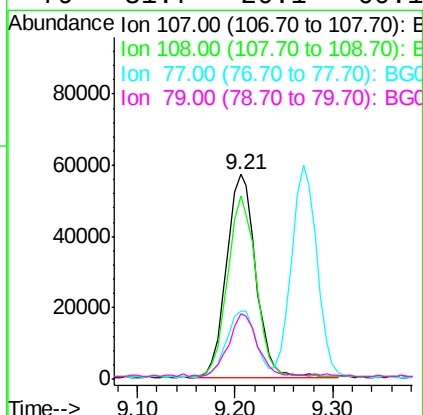
Instrument :
BNA_G
ClientSampleId :
PB100333BS

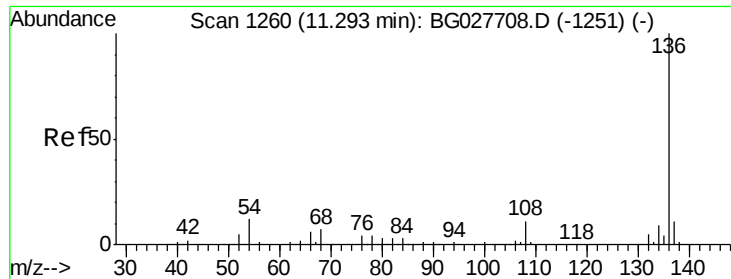
Tgt Ion: 70 Resp: 72614
Ion Ratio Lower Upper
70 100
42 66.1 56.1 84.1
101 11.5 7.5 11.3#
130 23.5 14.6 21.8#



#20
3+4-Methylphenols
Concen: 41.397 ng
RT: 9.21 min Scan# 956
Delta R.T. -0.02 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

Tgt Ion: 107 Resp: 119067
Ion Ratio Lower Upper
107 100
108 89.4 70.8 110.8
77 33.1 25.8 65.8
79 31.7 20.1 60.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.27 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

Instrument :

BNA_G

ClientSampleId :

PB100333BS

Tgt Ion:136 Resp: 141113

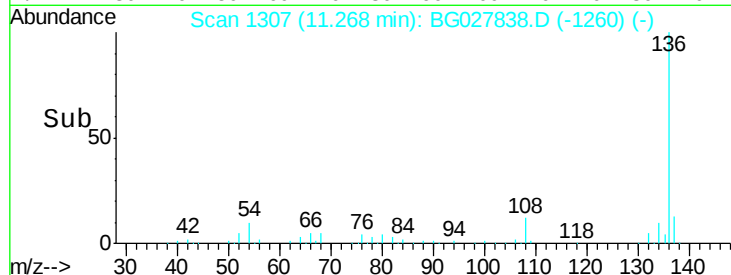
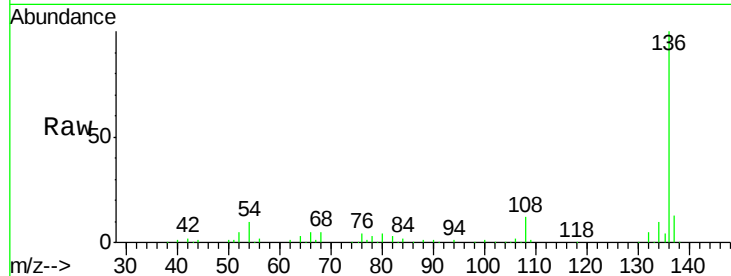
Ion Ratio Lower Upper

136 100

137 12.6 8.9 13.3

54 9.6 9.3 13.9

68 4.9 5.1 7.7#

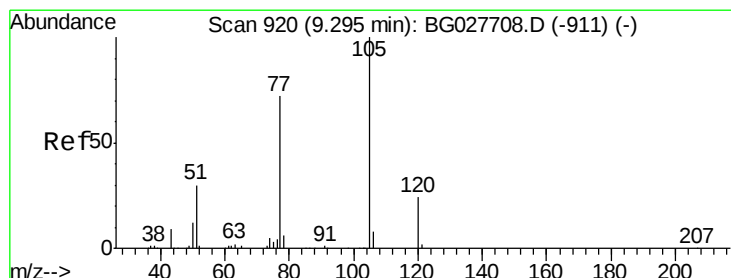
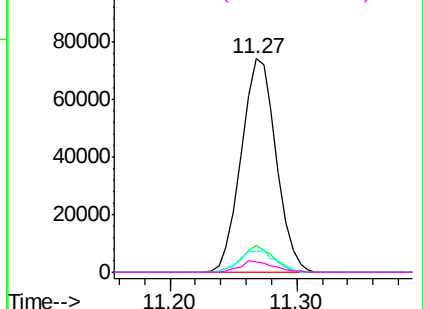


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.462 ng

RT: 9.27 min Scan# 967

Delta R.T. -0.02 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

Tgt Ion:105 Resp: 137782

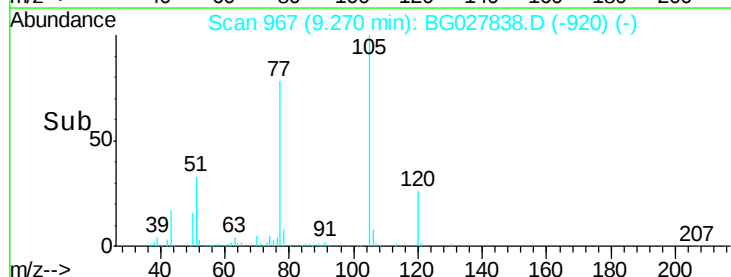
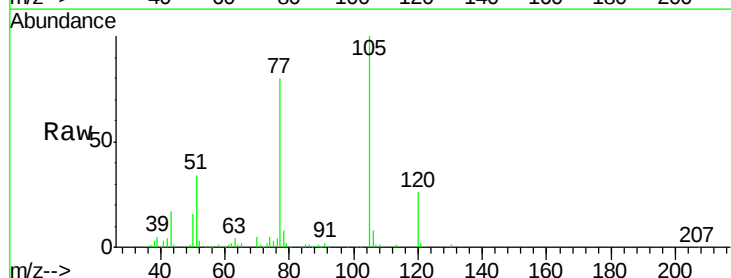
Ion Ratio Lower Upper

105 100

71 0.8 0.9 1.3#

51 33.6 34.0 51.0#

120 25.6 17.3 25.9

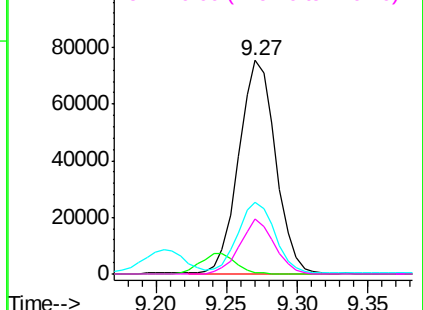


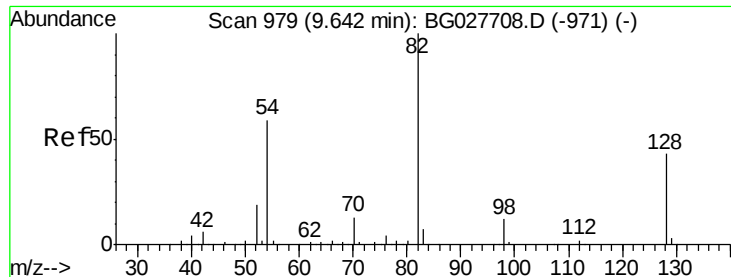
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

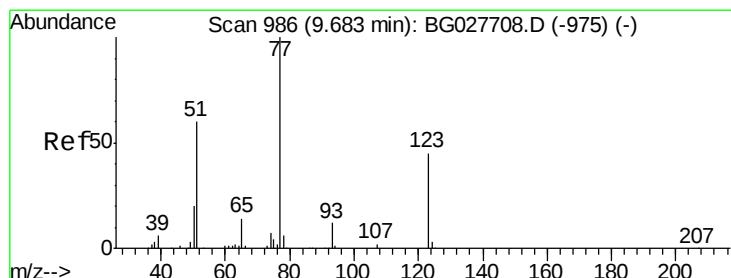
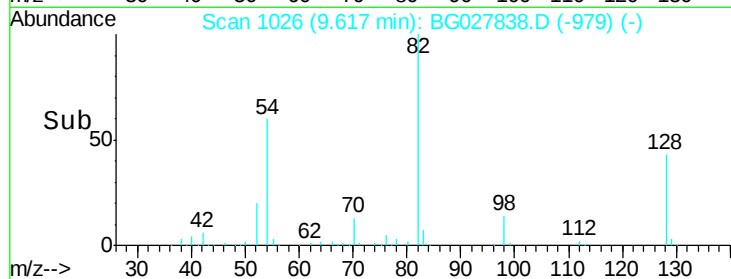
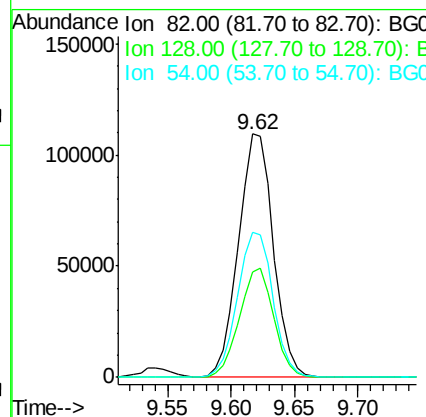
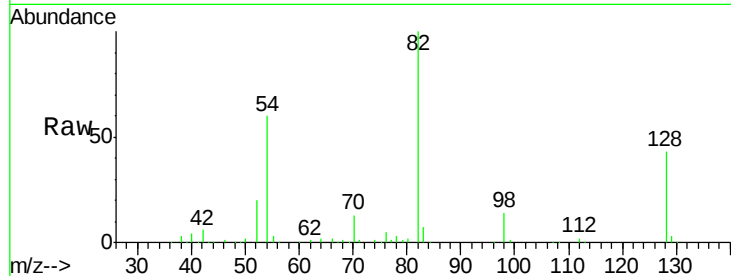




#23
 Nitrobenzene-d5
 Concen: 82.640 ng
 RT: 9.62 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BG027838.D
 Acq: 3 Jul 2017 18:54

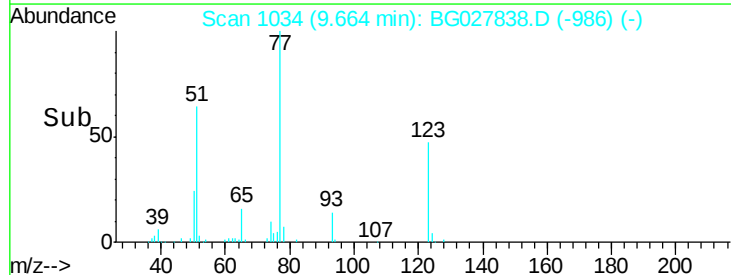
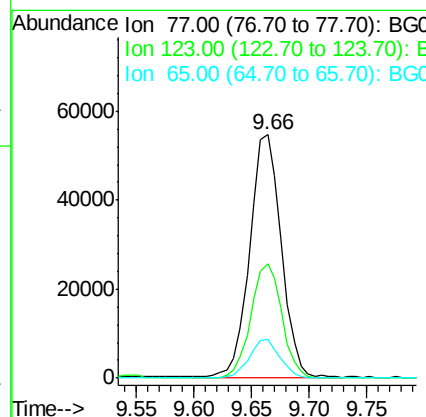
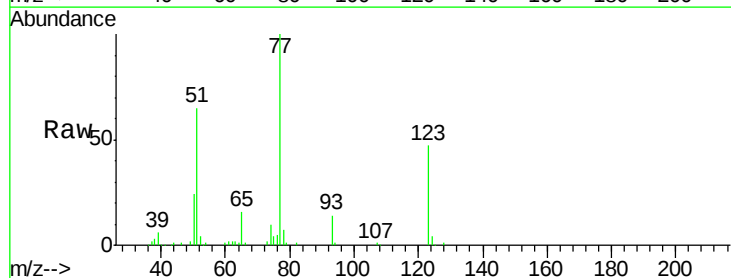
Instrument :
 BNA_G
 ClientSampleId :
 PB100333BS

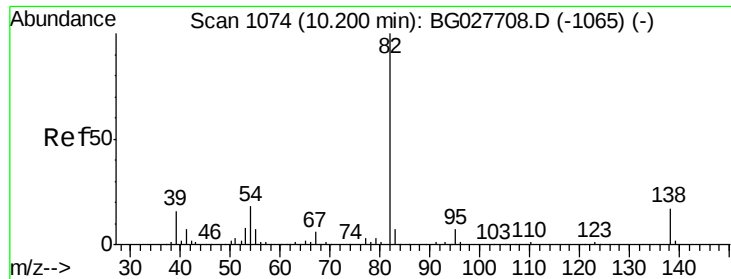
Tgt Ion: 82 Resp: 209212
 Ion Ratio Lower Upper
 82 100
 128 43.5 26.4 39.6#
 54 59.5 49.4 74.2



#24
 Nitrobenzene
 Concen: 39.107 ng
 RT: 9.66 min Scan# 1034
 Delta R.T. -0.02 min
 Lab File: BG027838.D
 Acq: 3 Jul 2017 18:54

Tgt Ion: 77 Resp: 103505
 Ion Ratio Lower Upper
 77 100
 123 46.9 26.1 39.1#
 65 15.8 12.4 18.6

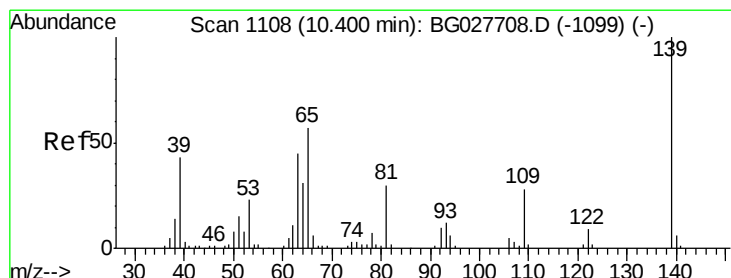
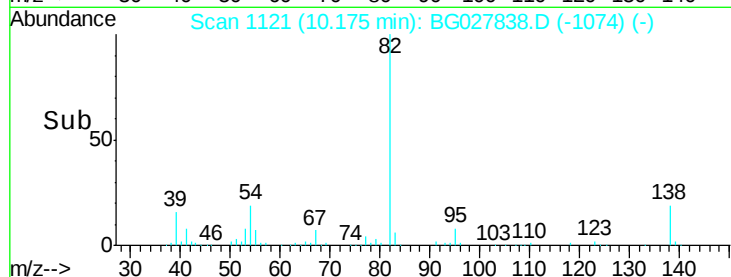
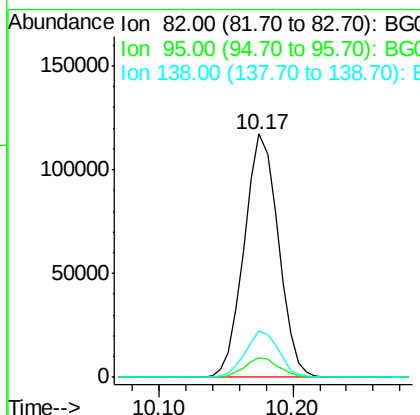
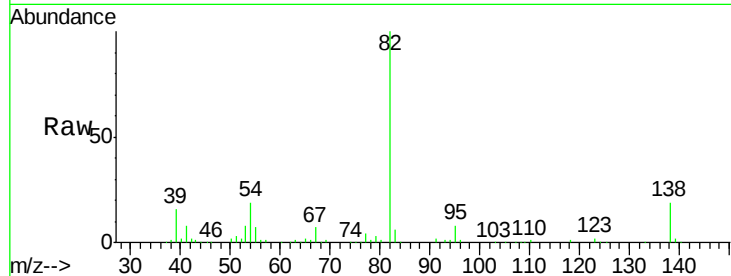




#25
Isophorone
Concen: 37.662 ng
RT: 10.17 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

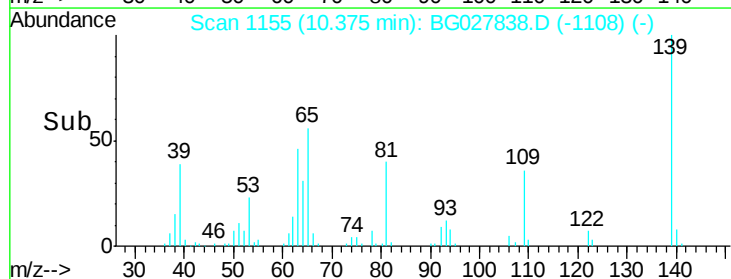
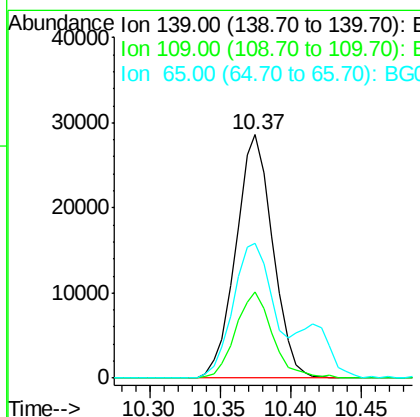
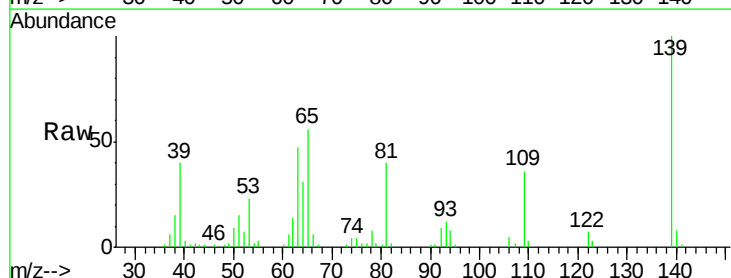
Instrument :
BNA_G
ClientSampleId :
PB100333BS

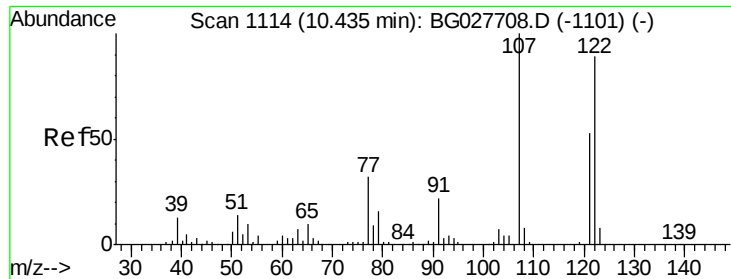
Tgt Ion: 82 Resp: 207828
Ion Ratio Lower Upper
82 100
95 8.1 7.5 11.3
138 18.9 12.3 18.5#



#26
2-Nitrophenol
Concen: 43.766 ng
RT: 10.37 min Scan# 1155
Delta R.T. -0.02 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

Tgt Ion: 139 Resp: 52323
Ion Ratio Lower Upper
139 100
109 35.6 38.6 58.0#
65 55.5 57.1 85.7#

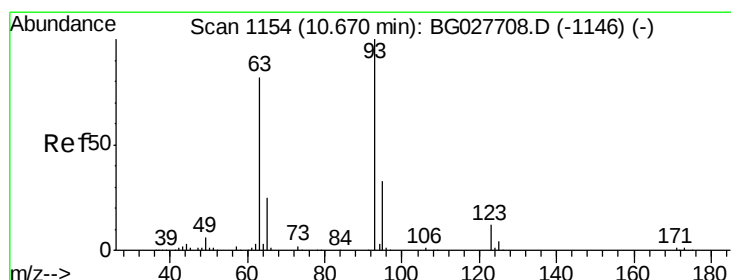
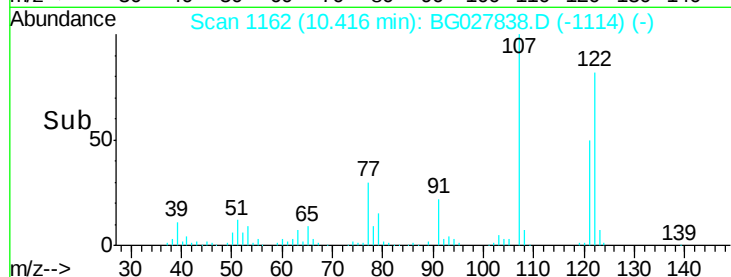
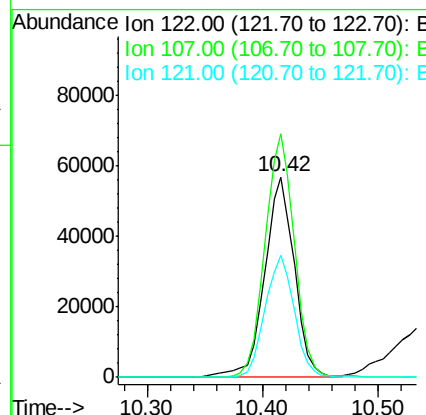
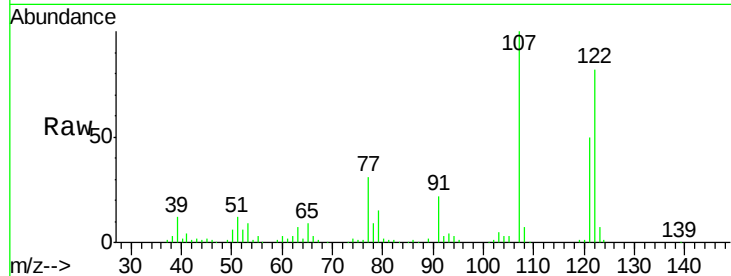




#27
2,4-Dimethylphenol
Concen: 45.675 ng
RT: 10.42 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

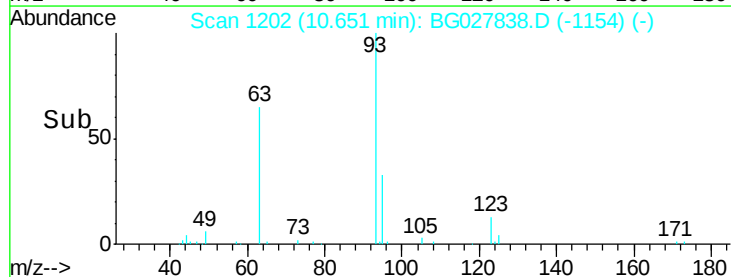
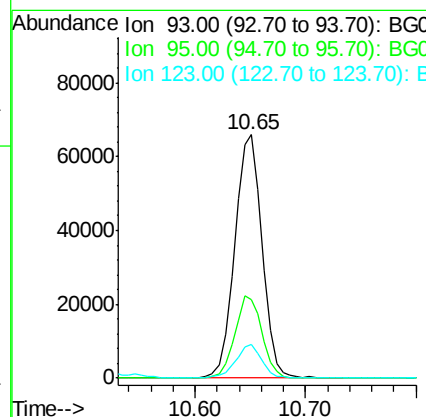
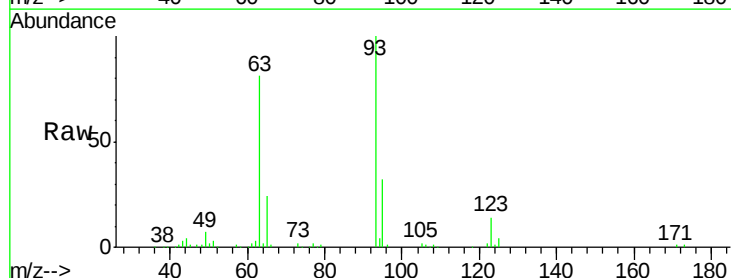
Instrument :
BNA_G
ClientSampleId :
PB100333BS

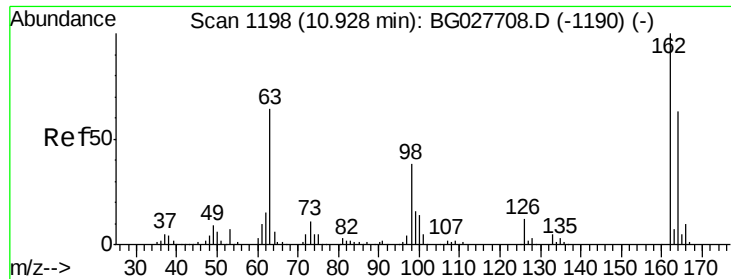
Tgt Ion: 122 Resp: 102273
Ion Ratio Lower Upper
122 100
107 121.3 104.2 156.4
121 61.1 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 36.429 ng
RT: 10.65 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

Tgt Ion: 93 Resp: 113969
Ion Ratio Lower Upper
93 100
95 32.1 25.7 38.5
123 13.7 8.3 12.5#

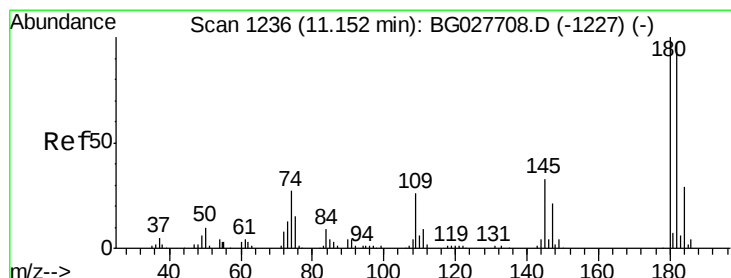
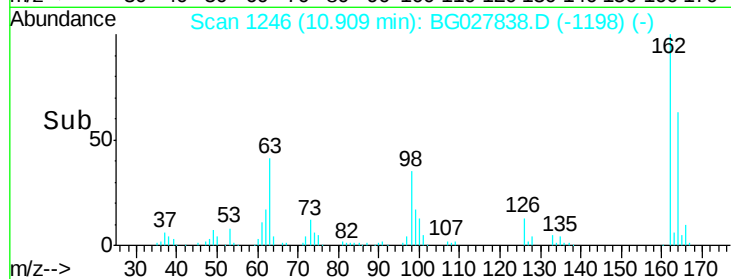
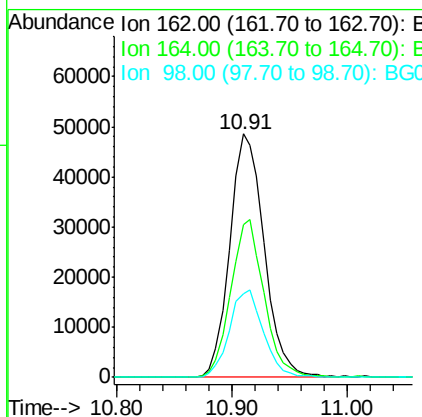
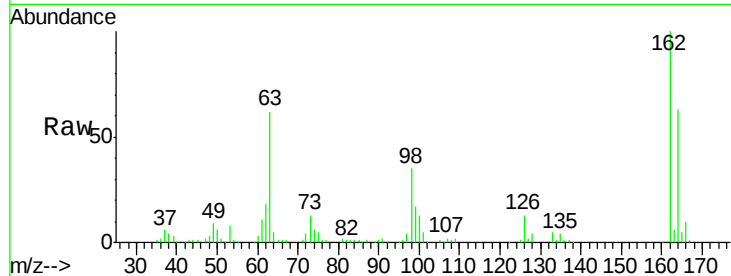




#29
 2,4-Dichlorophenol
 Concen: 51.020 ng
 RT: 10.91 min Scan# 1246
 Delta R.T. -0.02 min
 Lab File: BG027838.D
 Acq: 3 Jul 2017 18:54

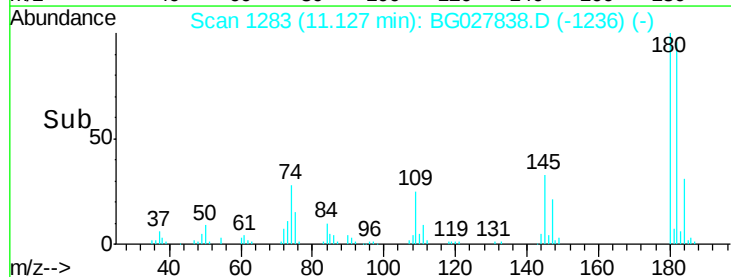
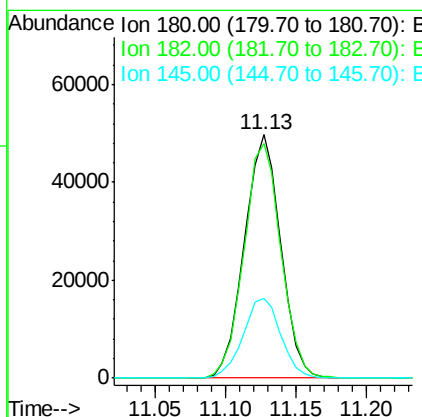
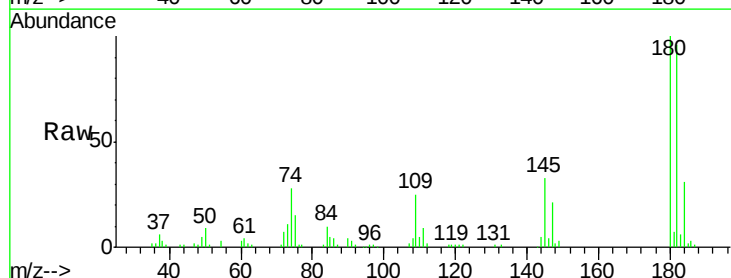
Instrument :
 BNA_G
 ClientSampleId :
 PB100333BS

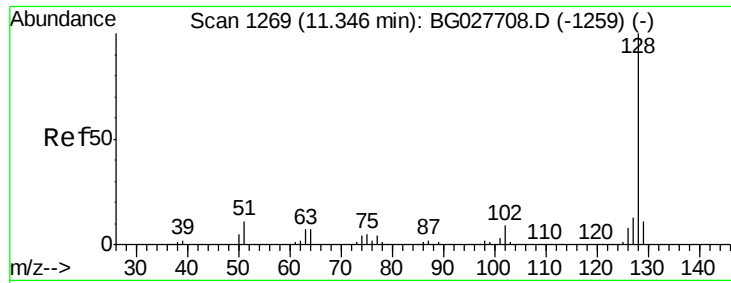
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.9	42.4	82.4
98	34.5	20.3	60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 44.858 ng
 RT: 11.13 min Scan# 1283
 Delta R.T. -0.02 min
 Lab File: BG027838.D
 Acq: 3 Jul 2017 18:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.0	115.4
145	32.6	23.4	35.0

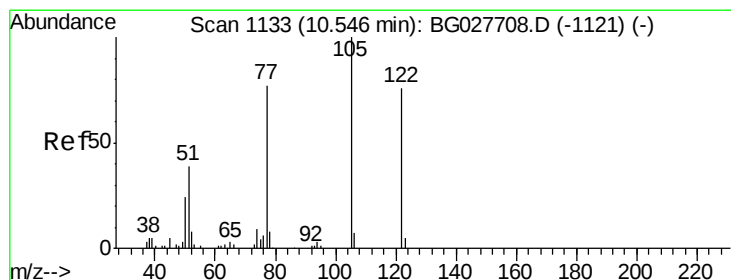
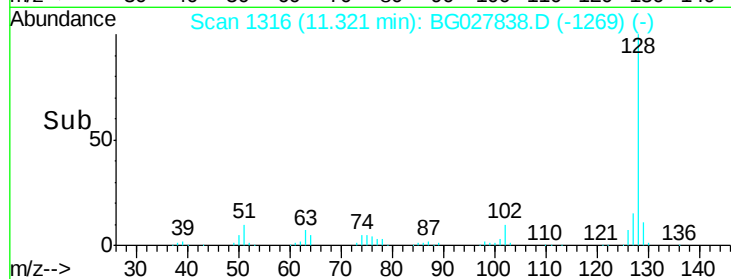
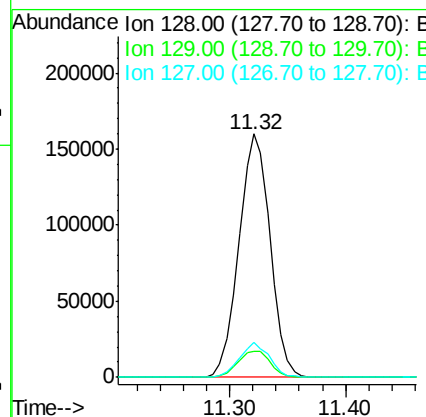
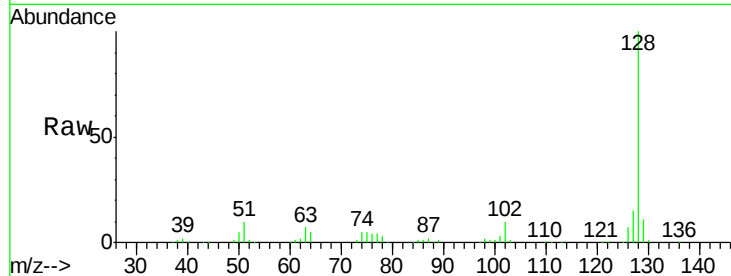




#31
Naphthalene
Concen: 39.776 ng
RT: 11.32 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

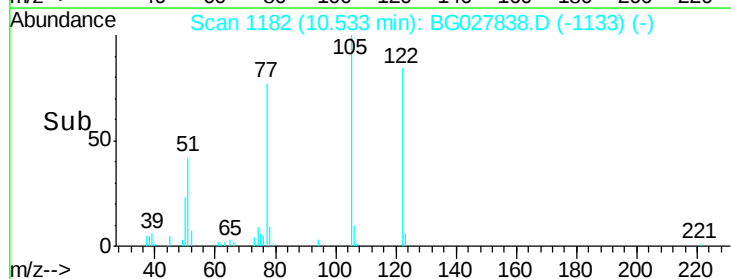
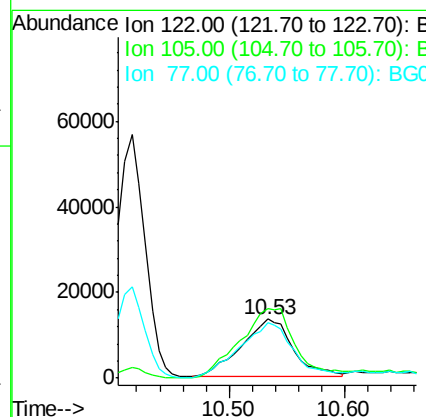
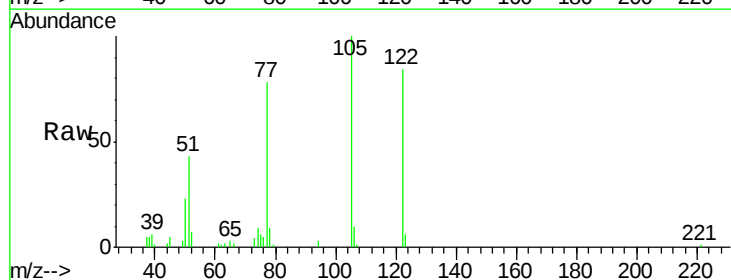
Instrument :
BNA_G
ClientSampleId :
PB100333BS

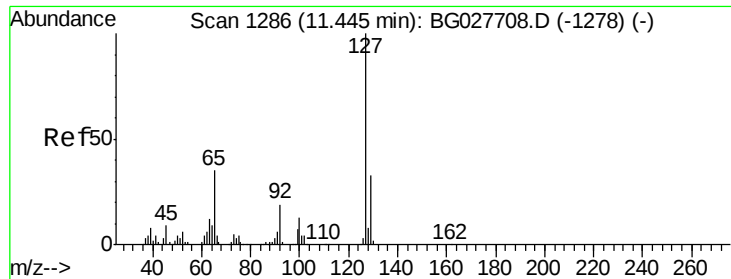
Tgt Ion:128 Resp: 298491
Ion Ratio Lower Upper
128 100
129 10.8 9.3 13.9
127 14.6 11.4 17.0



#32
Benzoic acid
Concen: 33.658 ng
RT: 10.53 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

Tgt Ion:122 Resp: 41620
Ion Ratio Lower Upper
122 100
105 118.9 120.1 160.1#
77 93.0 104.6 144.6#

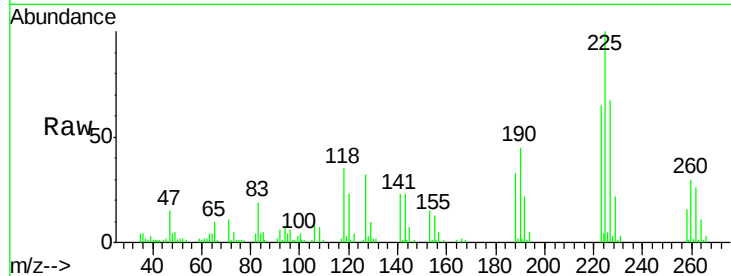




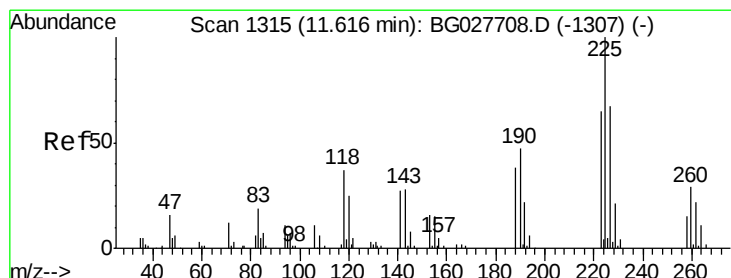
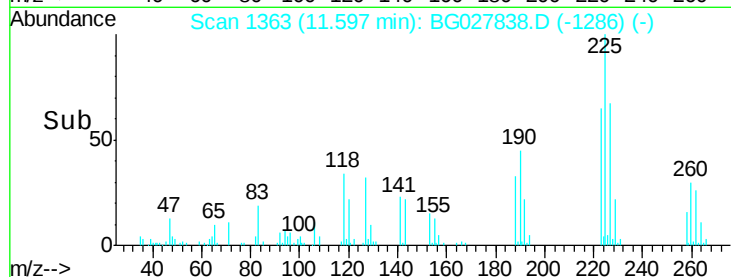
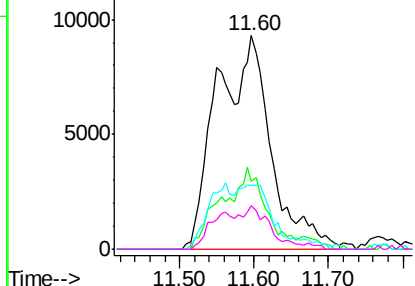
#33
4-Chloroaniline
Concen: 14.424 ng m
RT: 11.60 min Scan# 1363
Delta R.T. 0.15 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

Instrument :
BNA_G
ClientSampleId :
PB100333BS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.5	23.6	35.4
65	30.3	37.7	56.5
92	20.3	17.6	26.4

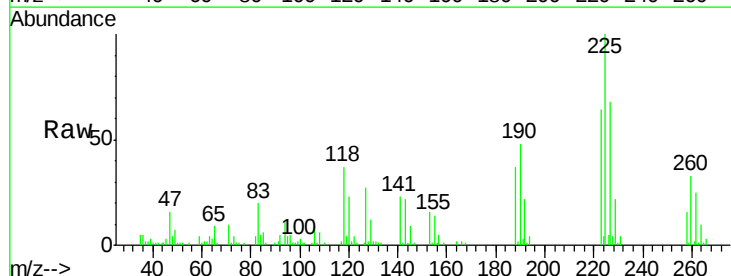


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

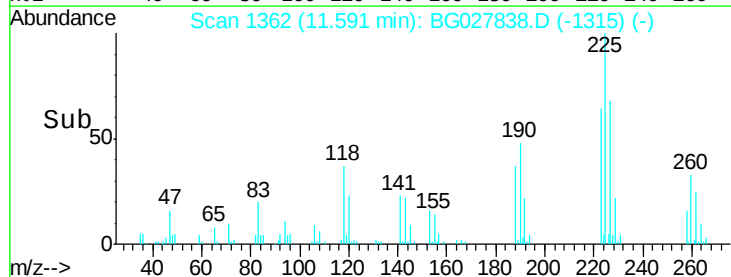
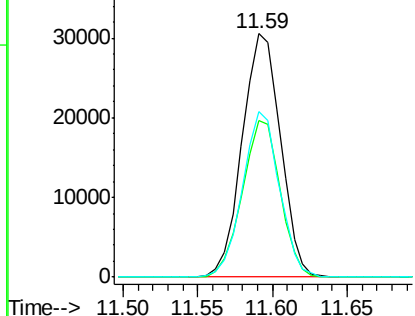


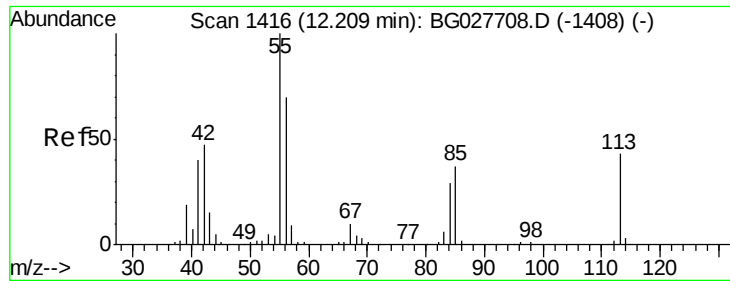
#34
Hexachlorobutadiene
Concen: 48.606 ng
RT: 11.59 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.7	76.1
227	67.7	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: 42.386 ng m

RT: 12.21 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

Instrument :

BNA_G

ClientSampleId :

PB100333BS

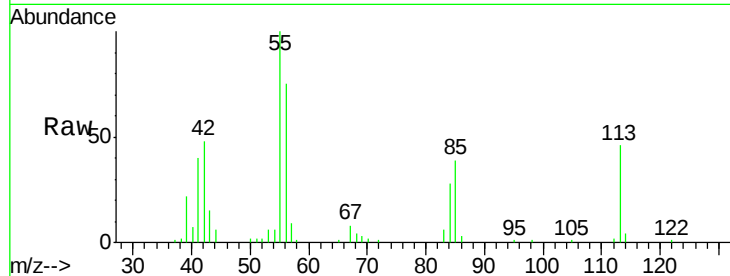
Tgt Ion:113 Resp: 41835

Ion Ratio Lower Upper

113 100

55 216.6 198.6 238.6

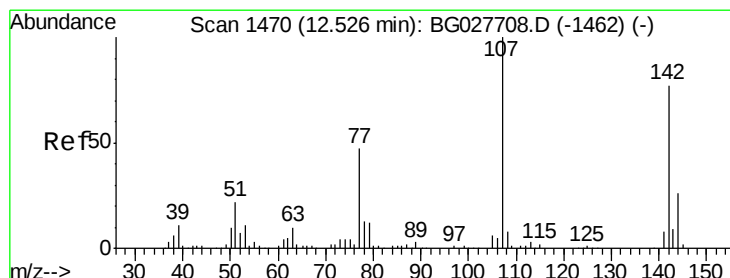
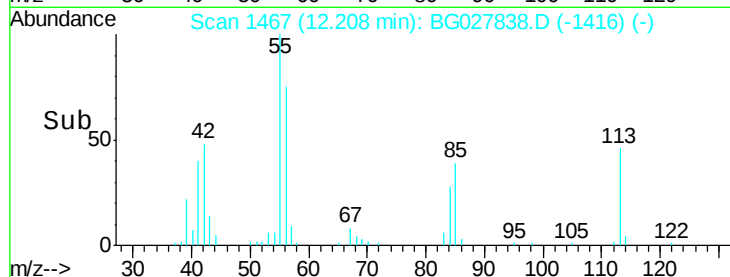
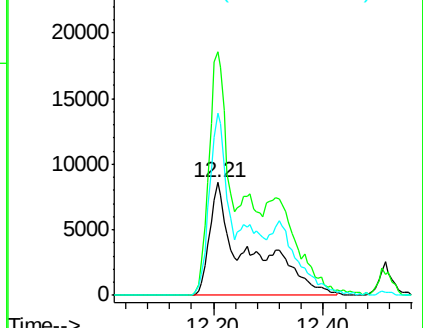
56 162.4 140.4 180.4



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: 44.057 ng

RT: 12.51 min Scan# 1519

Delta R.T. -0.01 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

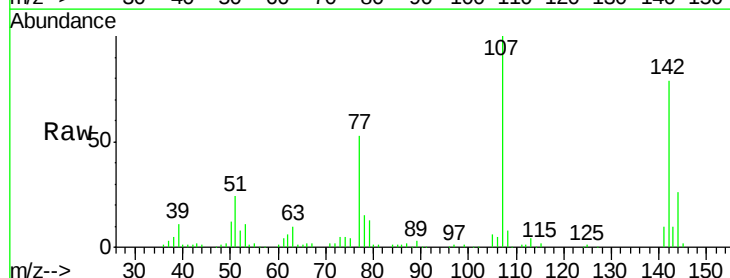
Tgt Ion:107 Resp: 121653

Ion Ratio Lower Upper

107 100

144 26.3 17.4 26.0#

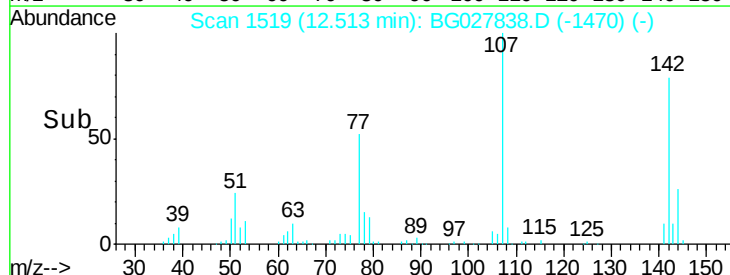
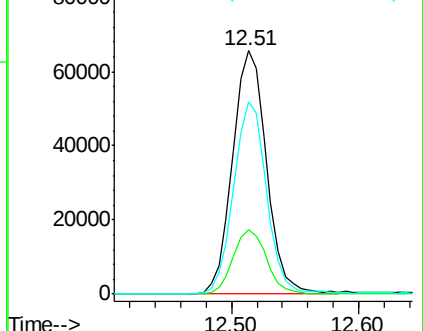
142 79.1 54.1 81.1

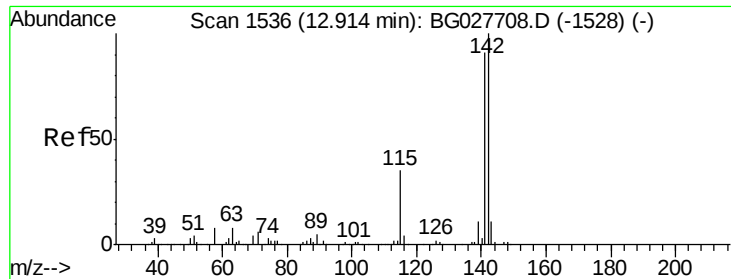


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

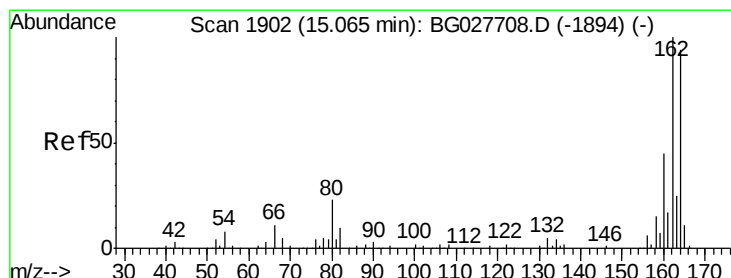
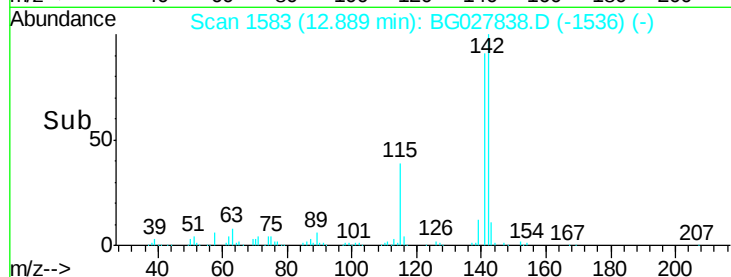
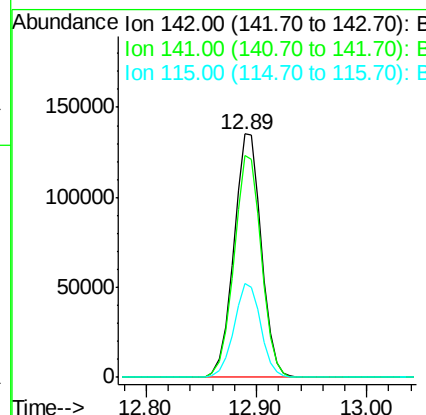
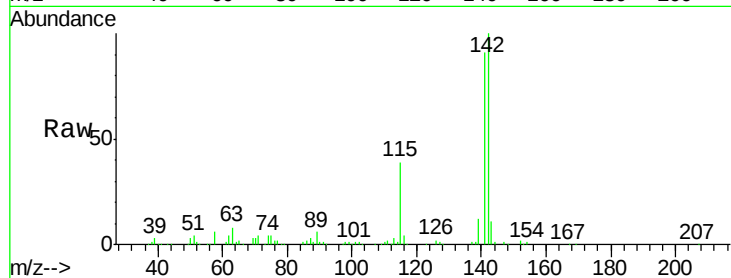




#37
2-Methylnaphthalene
Concen: 42.036 ng
RT: 12.89 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

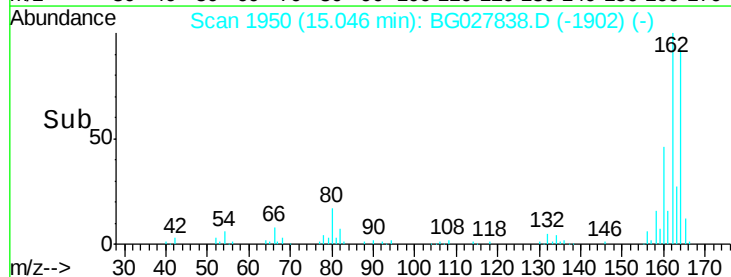
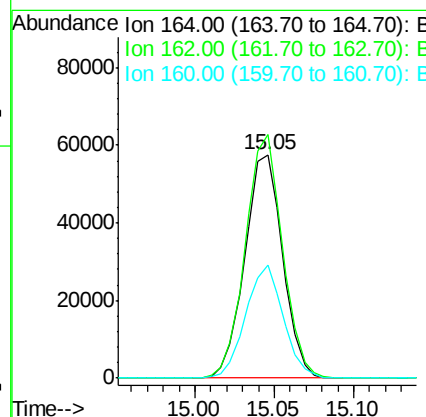
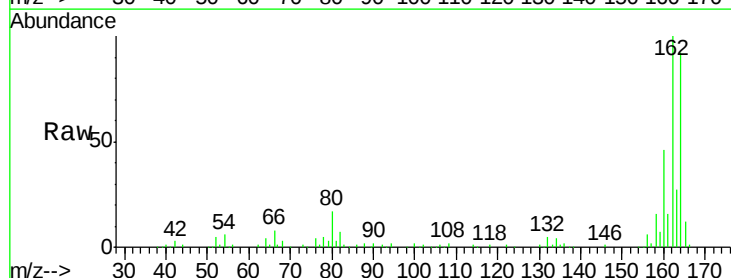
Instrument :
BNA_G
ClientSampleId :
PB100333BS

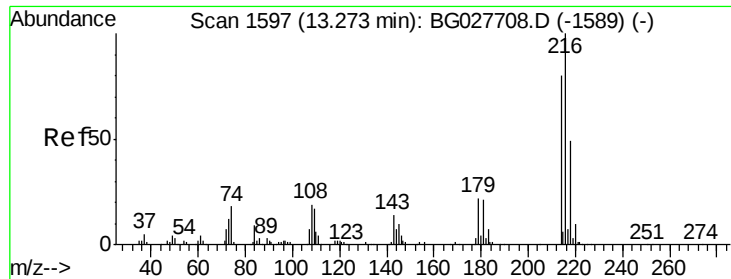
Tgt Ion:142 Resp: 234956
Ion Ratio Lower Upper
142 100
141 91.1 70.4 105.6
115 38.7 35.5 53.3



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.05 min Scan# 1950
Delta R.T. -0.02 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

Tgt Ion:164 Resp: 95293
Ion Ratio Lower Upper
164 100
162 108.8 85.1 127.7
160 50.3 34.7 52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.860 ng

RT: 13.25 min Scan# 1645

Delta R.T. -0.02 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

Instrument :

BNA_G

ClientSampleId :

PB100333BS

Tgt Ion:216 Resp: 112335

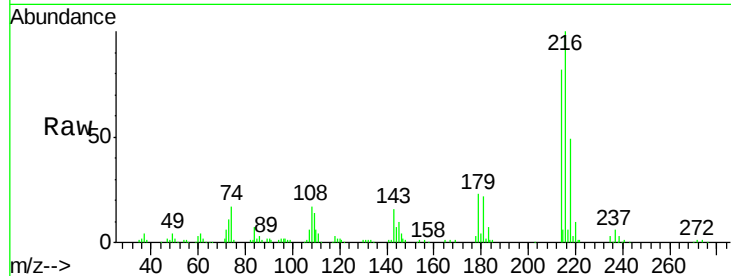
Ion Ratio Lower Upper

216 100

214 79.3 64.4 96.6

179 22.5 17.4 26.0

108 22.2 15.6 23.4

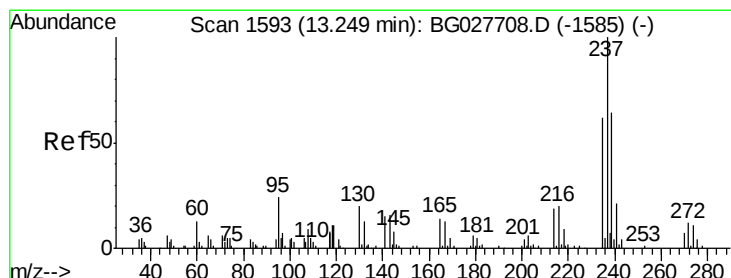
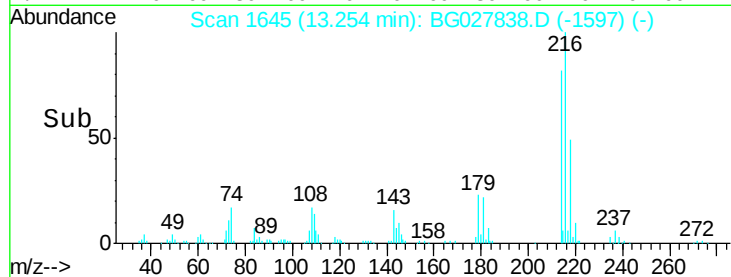
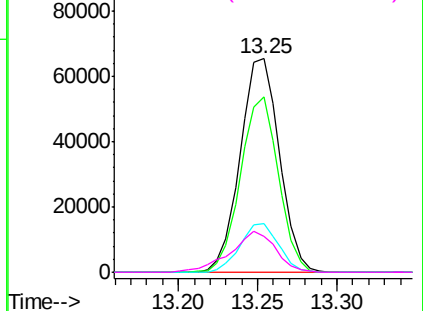


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 127.213 ng

RT: 13.22 min Scan# 1640

Delta R.T. -0.02 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

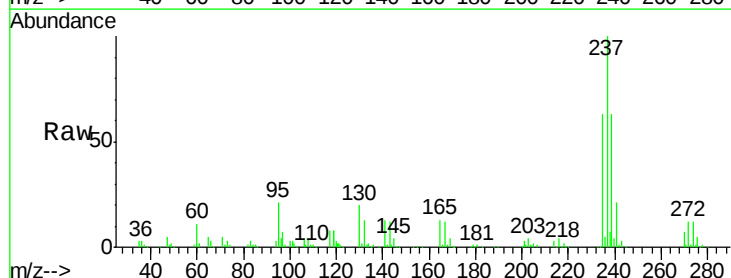
Tgt Ion:237 Resp: 150193

Ion Ratio Lower Upper

237 100

235 63.2 39.4 79.4

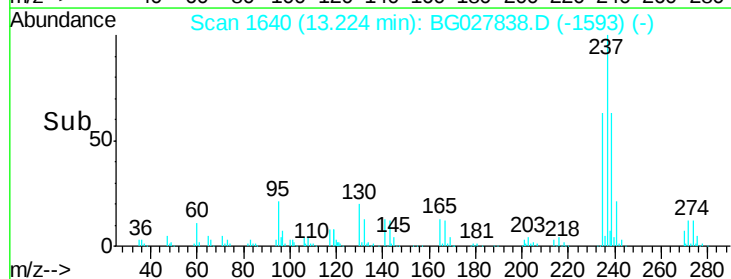
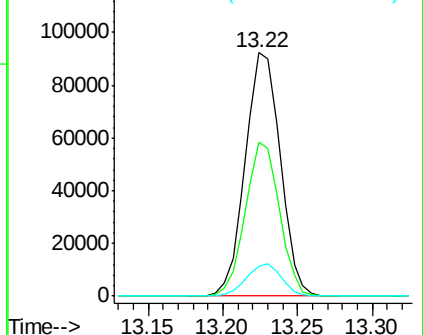
272 12.3 0.0 32.0

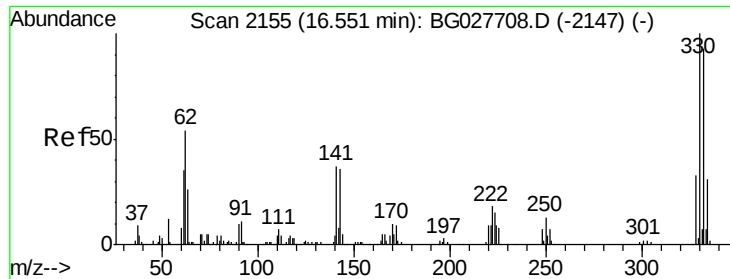


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

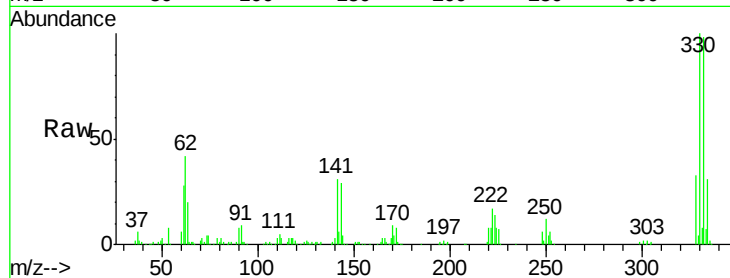




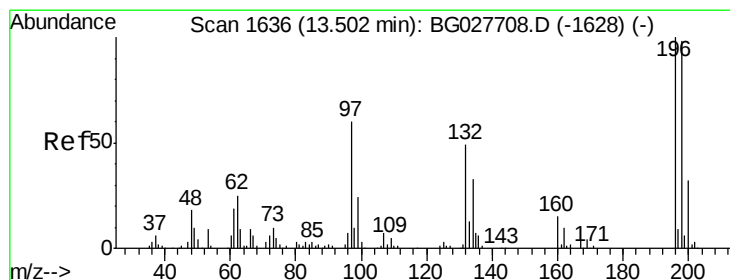
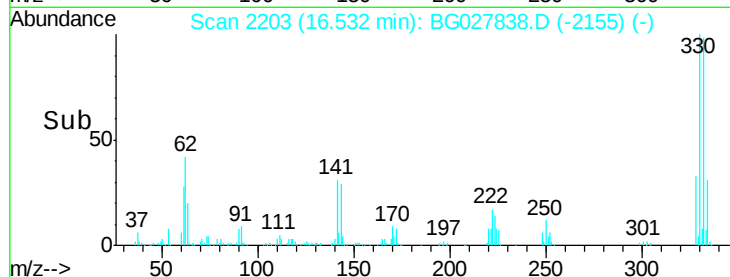
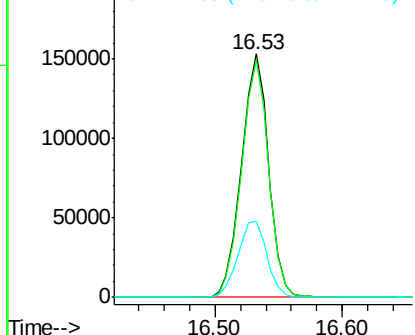
#41
 2,4,6-Tribromophenol
 Concen: 173.859 ng
 RT: 16.53 min Scan# 2203
 Delta R.T. -0.02 min
 Lab File: BG027838.D
 Acq: 3 Jul 2017 18:54

Instrument :
 BNA_G
 ClientSampleId :
 PB100333BS

Tgt Ion:330 Resp: 227242
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.3 115.9
 141 33.3 32.1 48.1

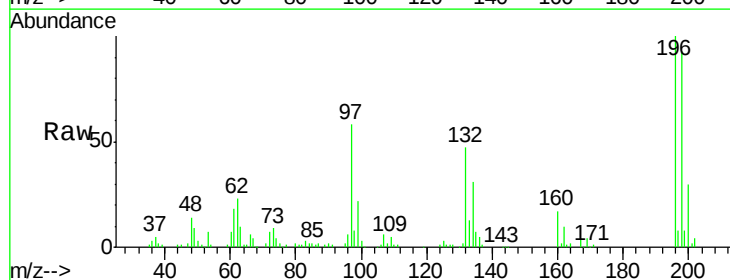


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

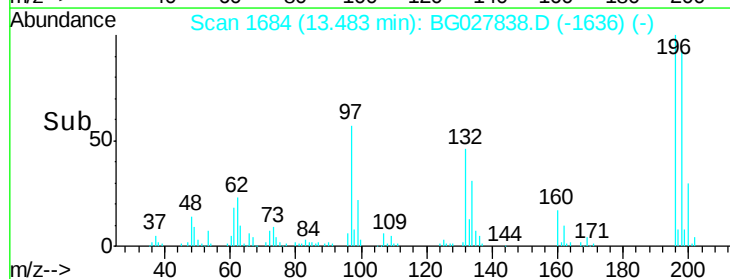
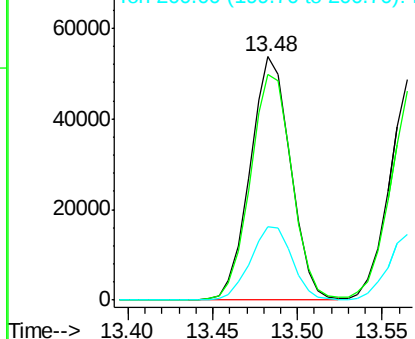


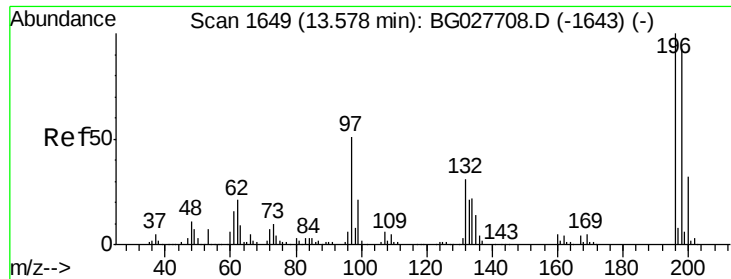
#42
 2,4,6-Trichlorophenol
 Concen: 49.188 ng
 RT: 13.48 min Scan# 1684
 Delta R.T. -0.02 min
 Lab File: BG027838.D
 Acq: 3 Jul 2017 18:54

Tgt Ion:196 Resp: 88960
 Ion Ratio Lower Upper
 196 100
 198 92.9 81.4 122.2
 200 30.3 27.0 40.6



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

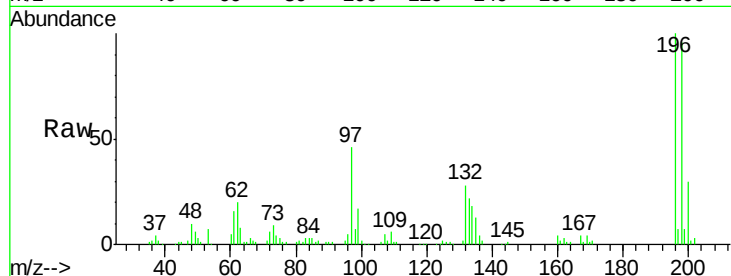




#43
 2,4,5-Trichlorophenol
 Concen: 46.989 ng
 RT: 13.57 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG027838.D
 Acq: 3 Jul 2017 18:54

Instrument :
 BNA_G
 ClientSampleId :
 PB100333BS

Tgt Ion	Resp	Lower	Upper
196	96293		
196	100		
198	96.4	79.9	119.9
97	45.9	45.4	68.0
132	28.3	20.7	31.1



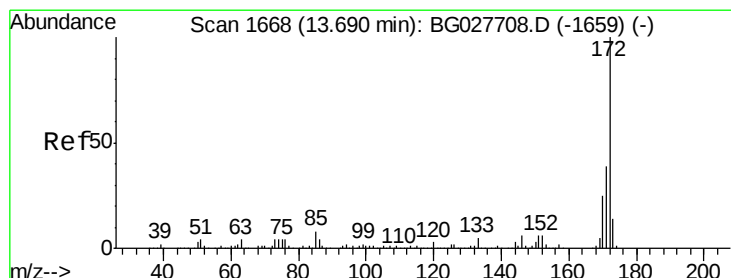
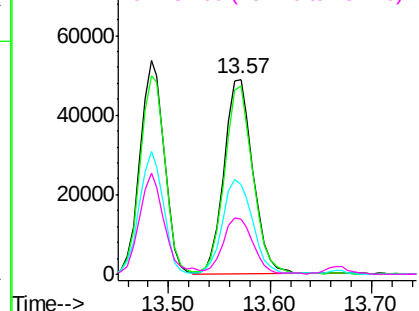
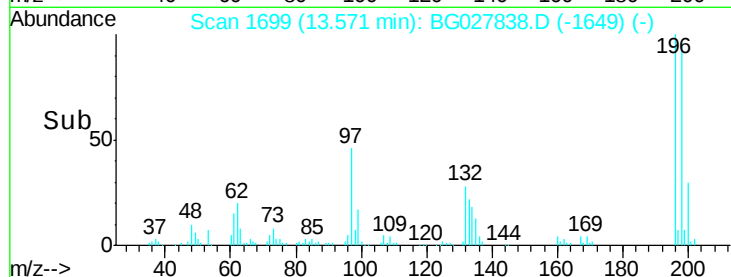
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

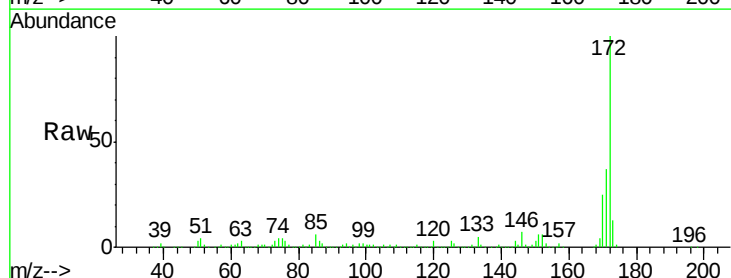
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 89.682 ng
 RT: 13.66 min Scan# 1715
 Delta R.T. -0.02 min
 Lab File: BG027838.D
 Acq: 3 Jul 2017 18:54

Tgt Ion	Resp	Lower	Upper
172	598395		
172	100		
171	36.6	32.2	48.2
170	24.6	21.8	32.6

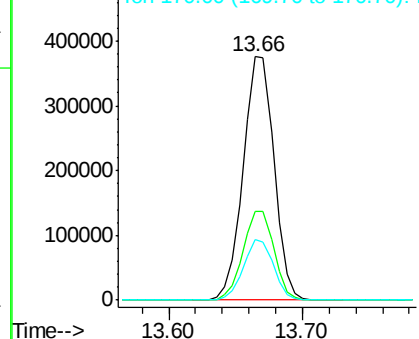
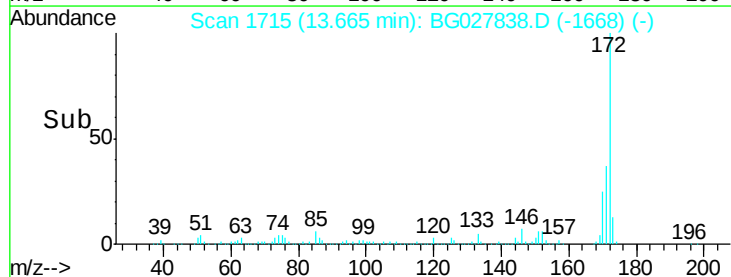


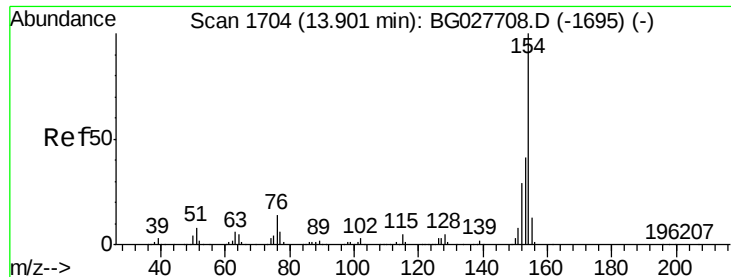
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

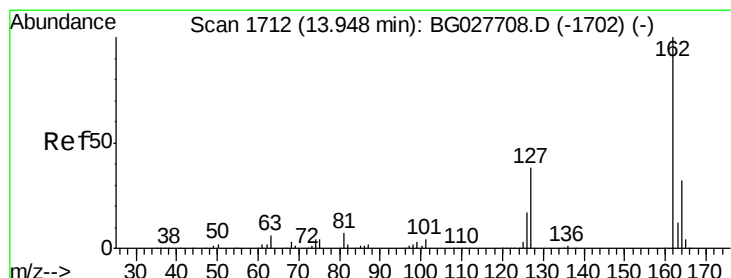
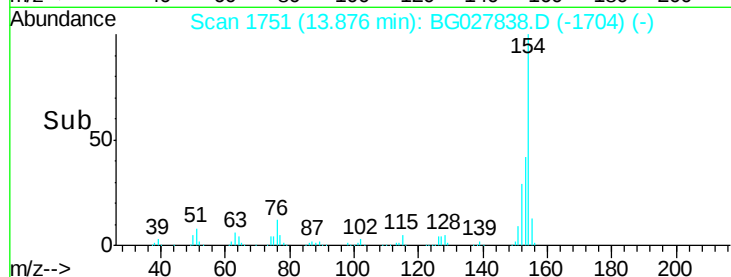
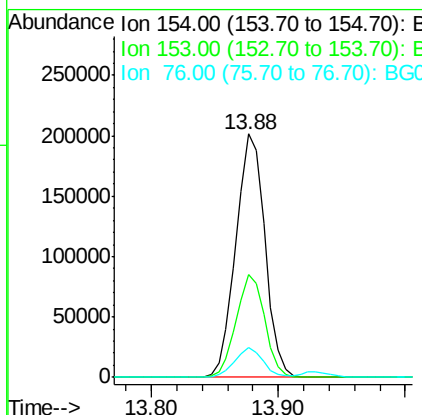
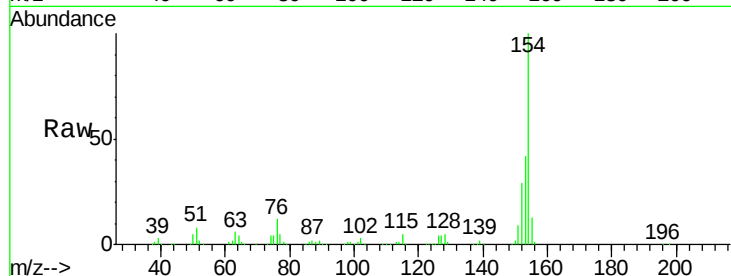




#45
 1,1'-Biphenyl
 Concen: 41.697 ng
 RT: 13.88 min Scan# 1751
 Delta R.T. -0.02 min
 Lab File: BG027838.D
 Acq: 3 Jul 2017 18:54

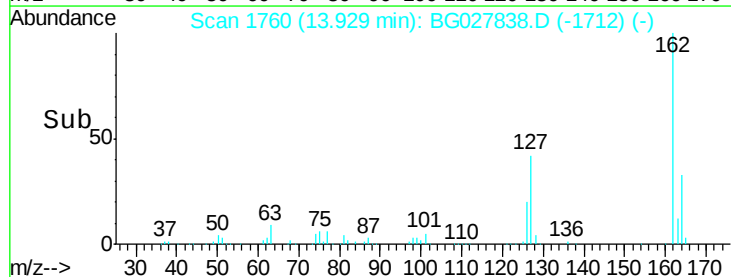
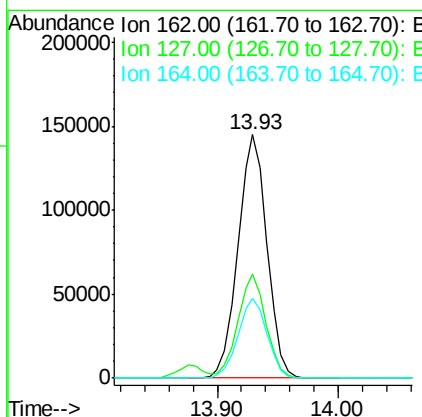
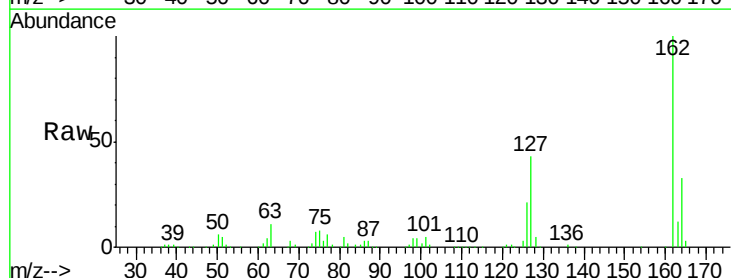
Instrument :
 BNA_G
 ClientSampleId :
 PB100333BS

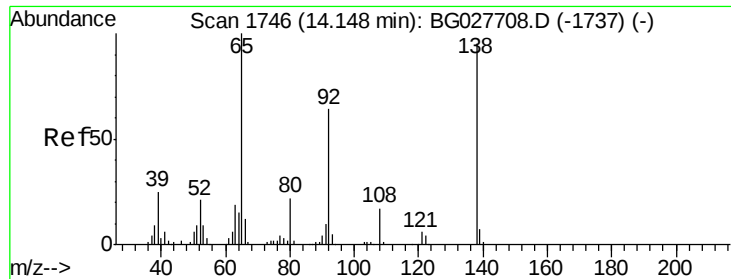
Tgt Ion:154 Resp: 318478
 Ion Ratio Lower Upper
 154 100
 153 42.4 23.0 63.0
 76 12.2 0.0 33.5



#46
 2-Chloronaphthalene
 Concen: 41.820 ng
 RT: 13.93 min Scan# 1760
 Delta R.T. -0.02 min
 Lab File: BG027838.D
 Acq: 3 Jul 2017 18:54

Tgt Ion:162 Resp: 241301
 Ion Ratio Lower Upper
 162 100
 127 42.7 32.2 48.4
 164 32.8 27.3 40.9





#47

2-Nitroaniline

Concen: 41.427 ng

RT: 14.13 min Scan# 1794

Delta R.T. -0.02 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

Instrument :

BNA_G

ClientSampleId :

PB100333BS

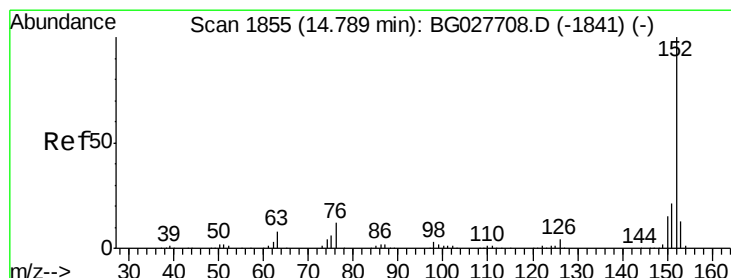
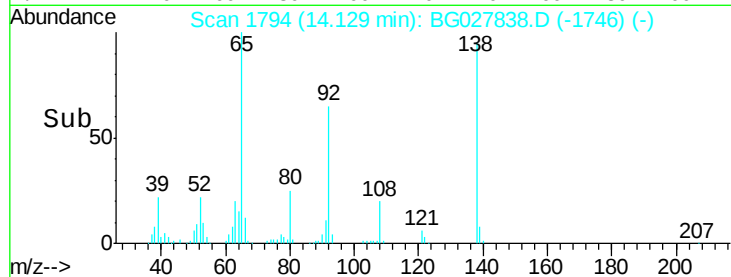
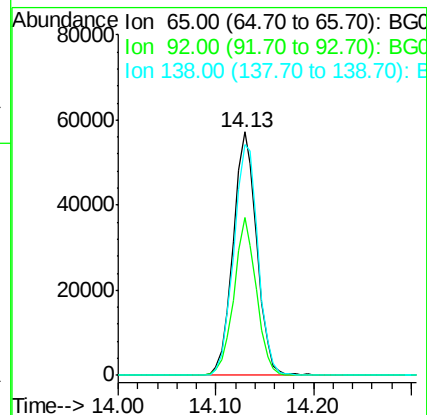
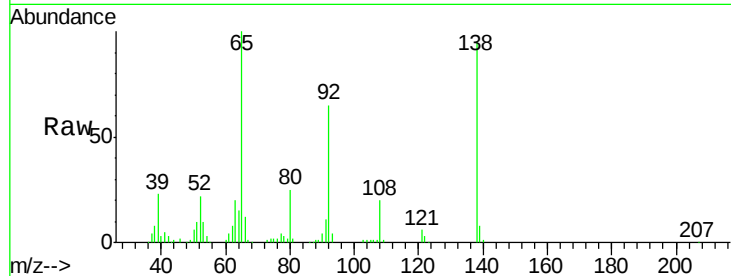
Tgt Ion: 65 Resp: 95677

Ion Ratio Lower Upper

65 100

92 65.0 49.0 73.4

138 94.9 58.6 87.8#



#48

Acenaphthylene

Concen: 39.916 ng

RT: 14.77 min Scan# 1903

Delta R.T. -0.02 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

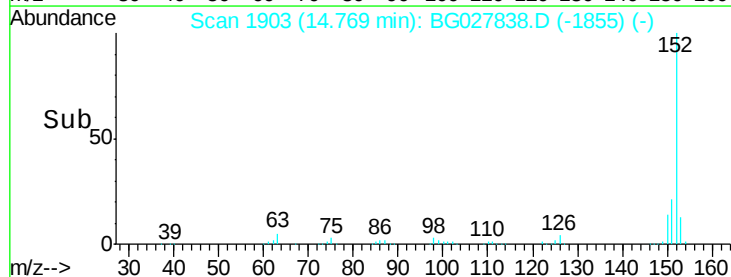
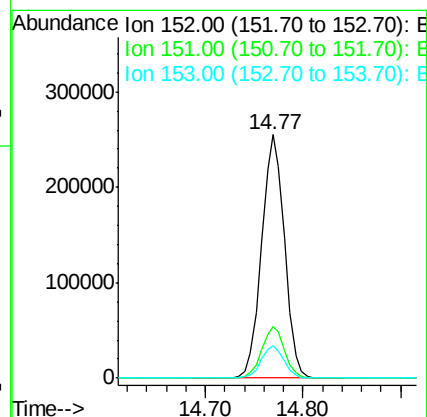
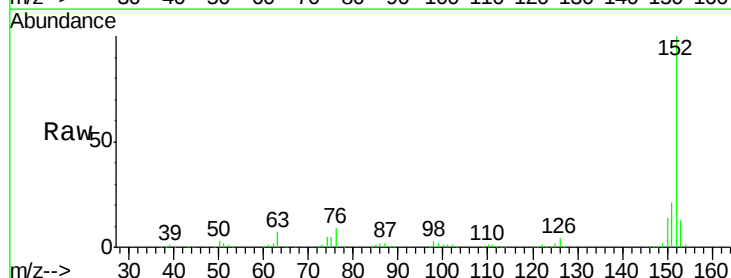
Tgt Ion: 152 Resp: 420848

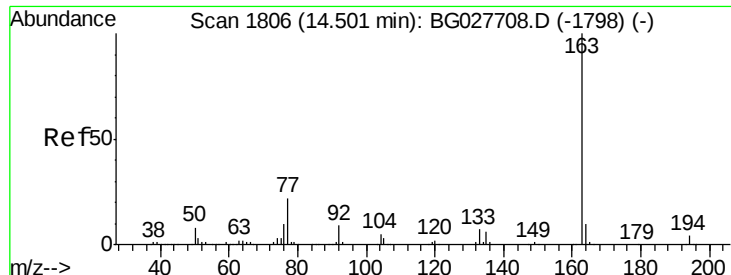
Ion Ratio Lower Upper

152 100

151 21.0 18.2 27.2

153 13.4 11.3 16.9





#49

Dimethylphthalate

Concen: 44.896 ng

RT: 14.48 min Scan# 1854

Delta R.T. -0.02 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

Instrument :

BNA_G

ClientSampleId :

PB100333BS

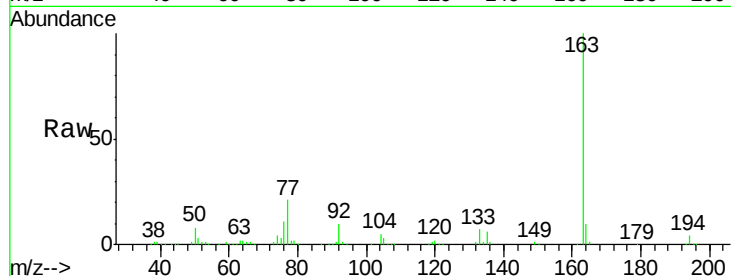
Tgt Ion:163 Resp: 364963

Ion Ratio Lower Upper

163 100

194 4.2 3.8 5.6

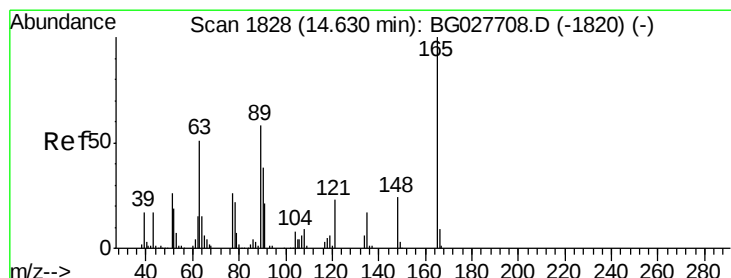
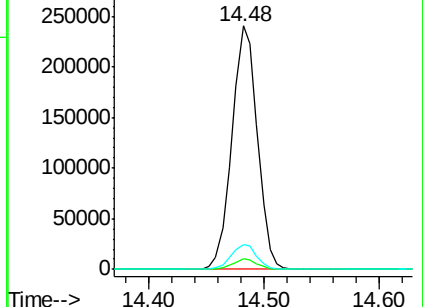
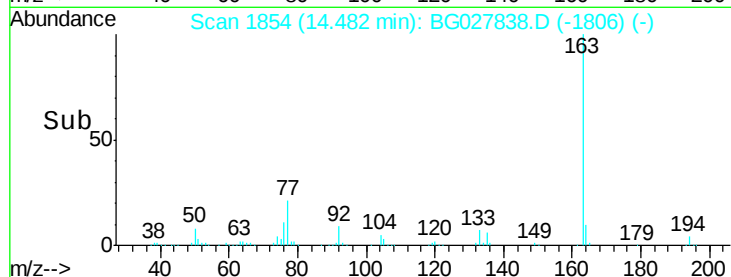
164 10.4 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.559 ng

RT: 14.61 min Scan# 1876

Delta R.T. -0.02 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

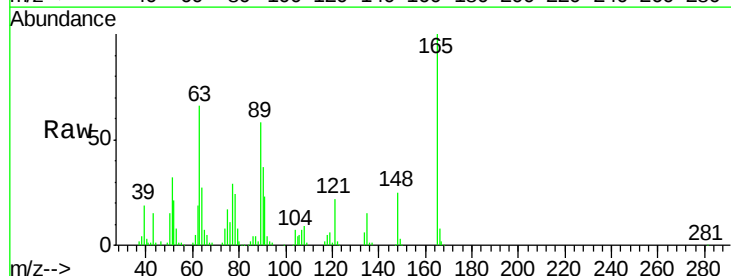
Tgt Ion:165 Resp: 76975

Ion Ratio Lower Upper

165 100

63 66.1 63.9 95.9

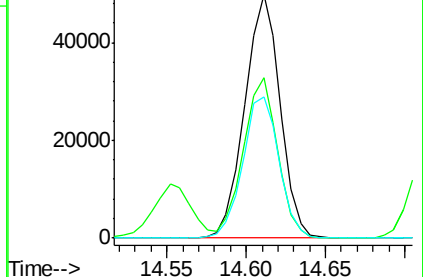
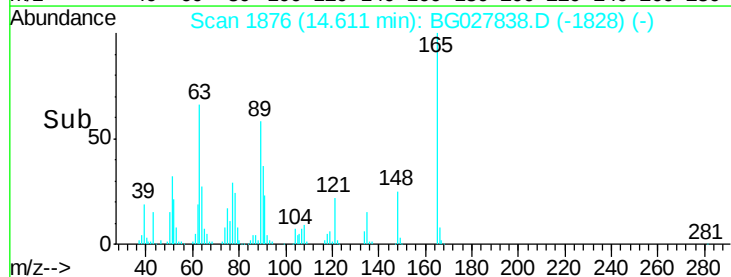
89 57.8 58.6 88.0#

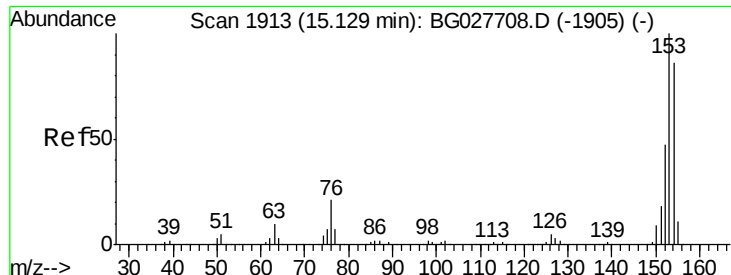


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 38.364 ng

RT: 15.11 min Scan# 1961

Delta R.T. -0.02 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

Instrument :

BNA_G

ClientSampleId :

PB100333BS

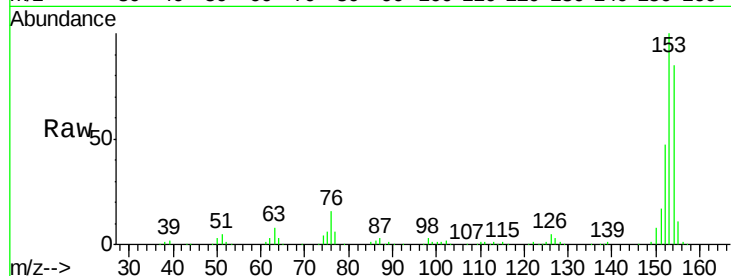
Tgt Ion:154 Resp: 259245

Ion Ratio Lower Upper

154 100

153 117.0 87.8 131.6

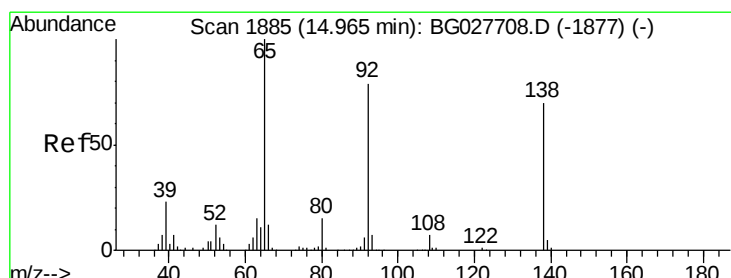
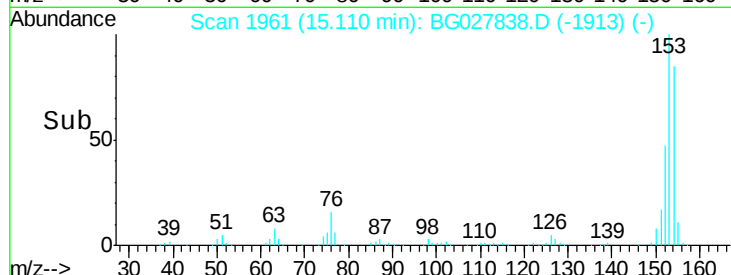
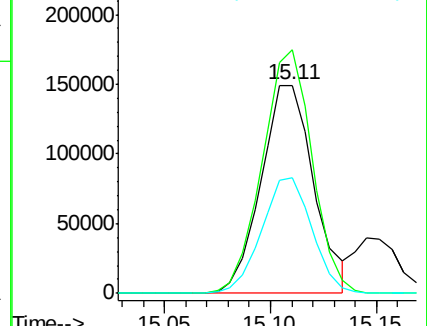
152 55.3 42.2 63.4



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: 30.732 ng

RT: 14.96 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

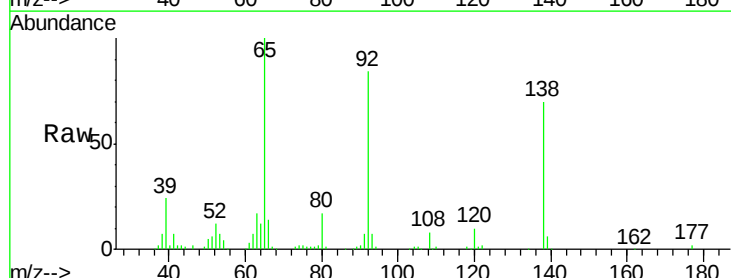
Tgt Ion:138 Resp: 63890

Ion Ratio Lower Upper

138 100

108 10.9 10.9 16.3

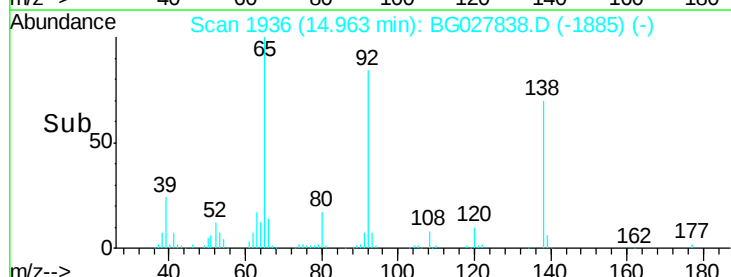
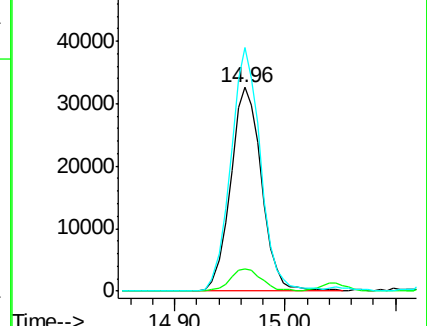
92 119.6 115.3 172.9

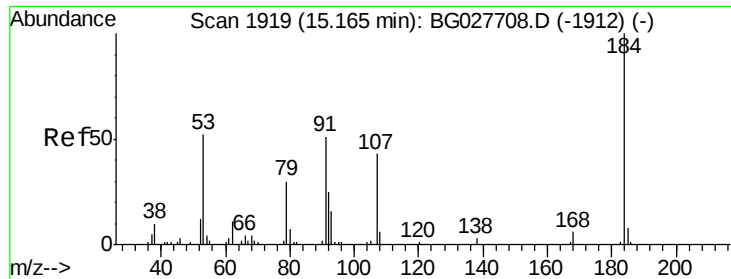


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

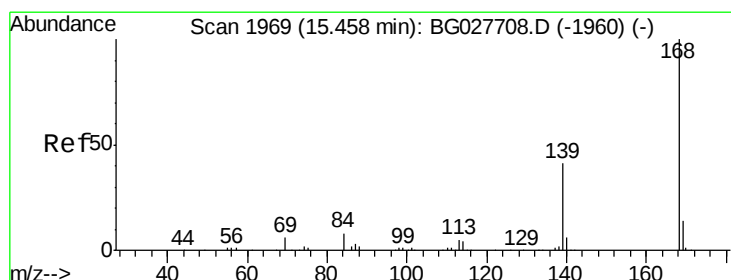
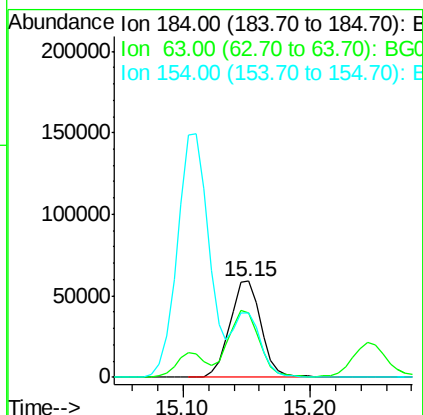
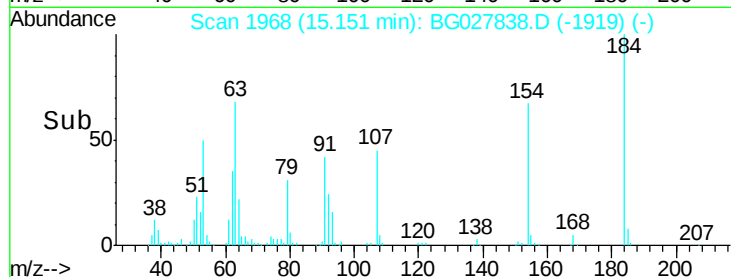
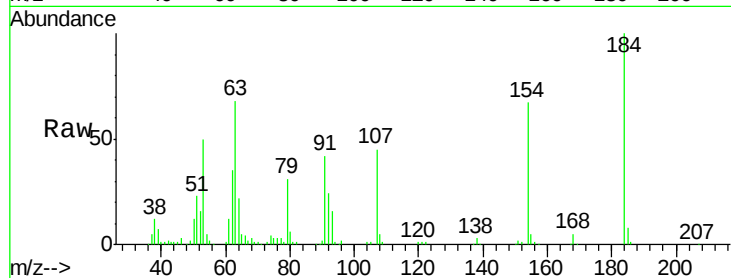




#53
2,4-Dinitrophenol
Concen: 101.262 ng
RT: 15.15 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

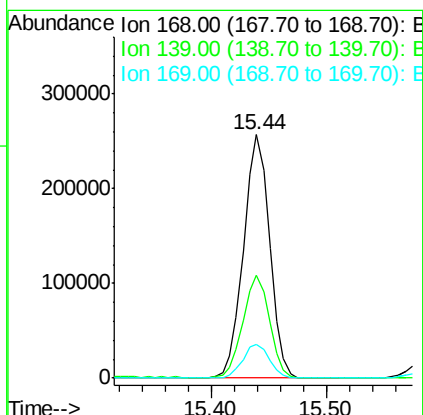
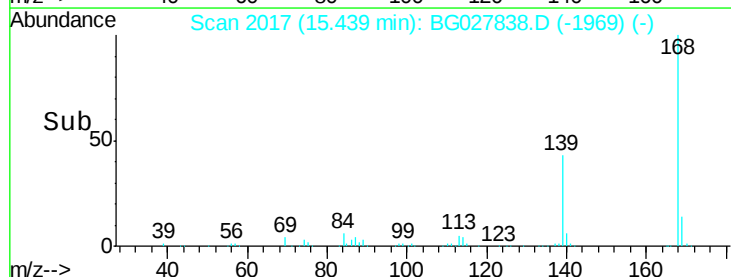
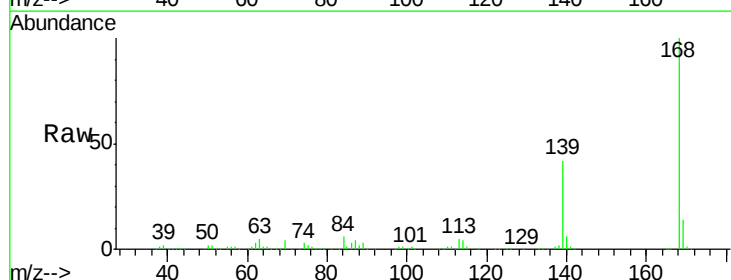
Instrument :
BNA_G
ClientSampleId :
PB100333BS

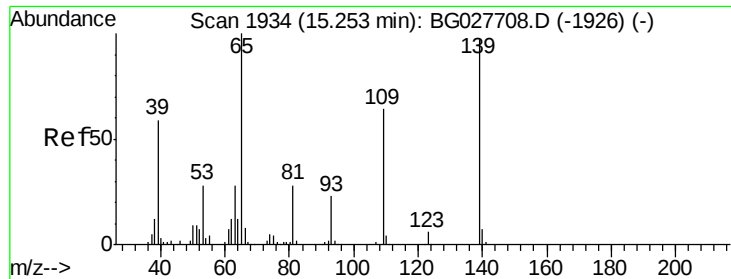
Tgt Ion:184 Resp: 100682
Ion Ratio Lower Upper
184 100
63 67.5 52.7 79.1
154 66.6 57.3 85.9



#54
Dibenzofuran
Concen: 45.263 ng
RT: 15.44 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

Tgt Ion:168 Resp: 404436
Ion Ratio Lower Upper
168 100
139 42.3 35.3 52.9
169 13.9 11.5 17.3

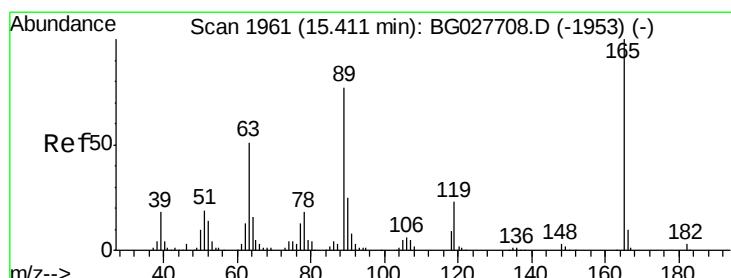
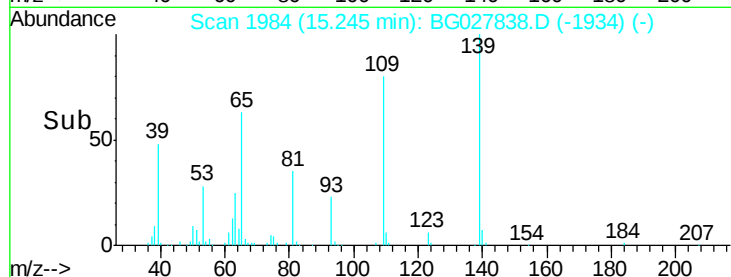
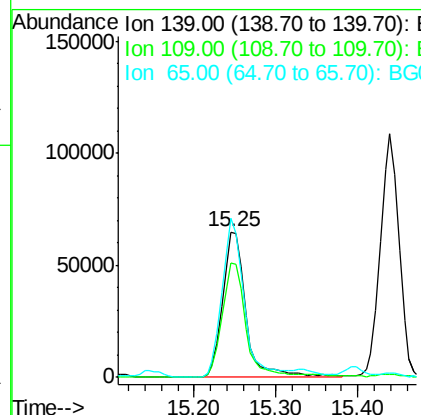
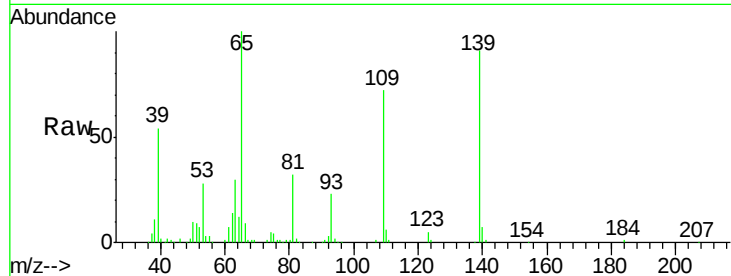




#55
4-Nitrophenol
Concen: 82.038 ng
RT: 15.25 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

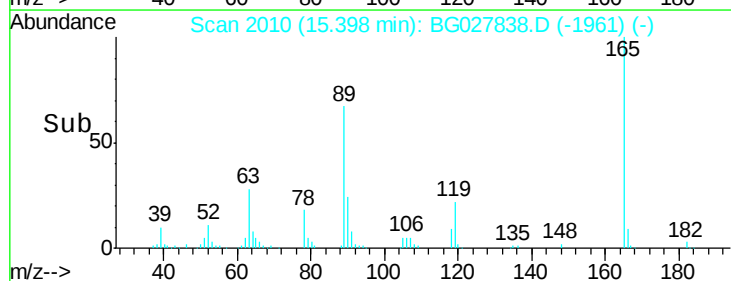
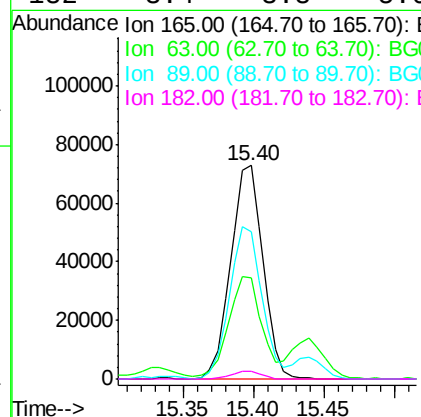
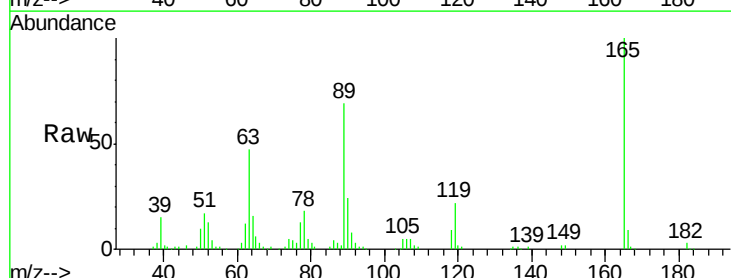
Instrument :
BNA_G
ClientSampleId :
PB100333BS

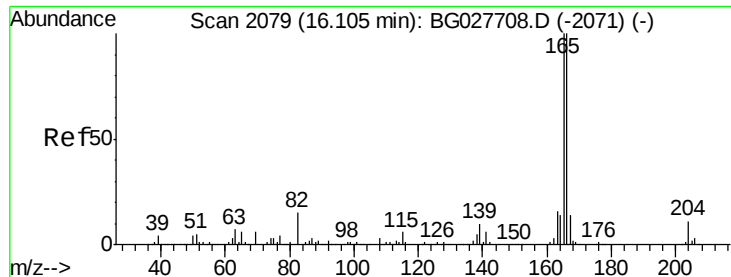
Tgt Ion:139 Resp: 130192
Ion Ratio Lower Upper
139 100
109 78.9 101.2 141.2#
65 109.3 135.3 175.3#



#56
2,4-Dinitrotoluene
Concen: 46.954 ng
RT: 15.40 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

Tgt Ion:165 Resp: 115732
Ion Ratio Lower Upper
165 100
63 47.4 44.0 66.0
89 69.1 67.3 100.9
182 3.4 3.8 5.6#

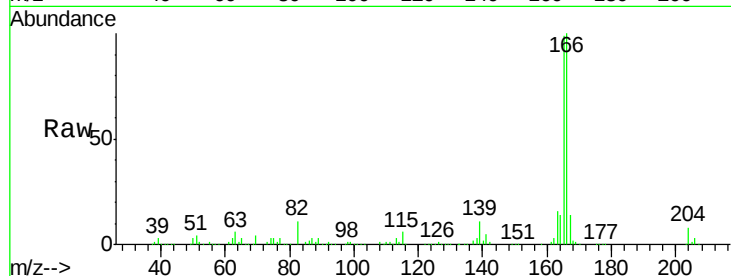




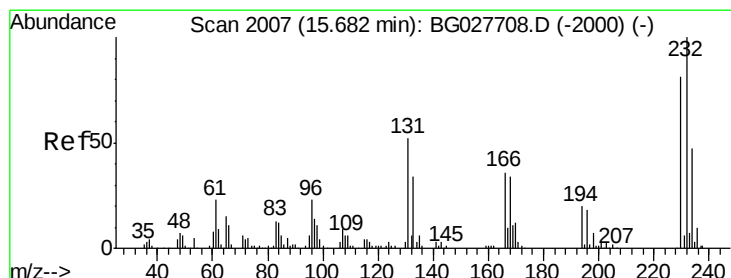
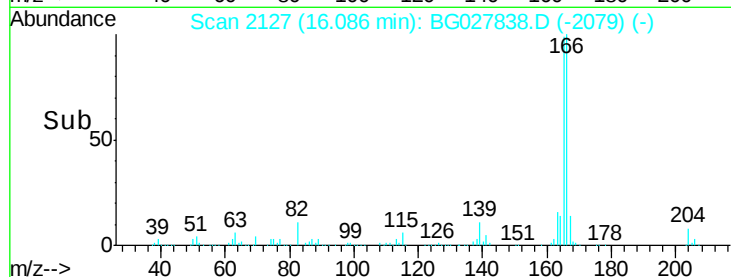
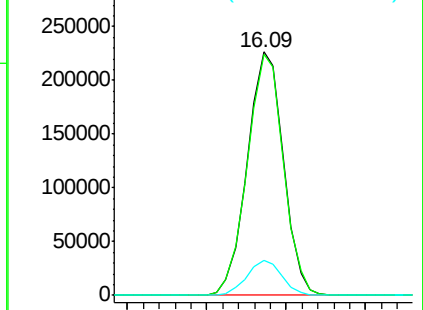
#57
 Fluorene
 Concen: 41.334 ng
 RT: 16.09 min Scan# 2127
 Delta R.T. -0.02 min
 Lab File: BG027838.D
 Acq: 3 Jul 2017 18:54

Instrument :
 BNA_G
 ClientSampleId :
 PB100333BS

Tgt Ion:166 Resp: 358093
 Ion Ratio Lower Upper
 166 100
 165 99.0 78.6 117.8
 167 14.2 11.6 17.4

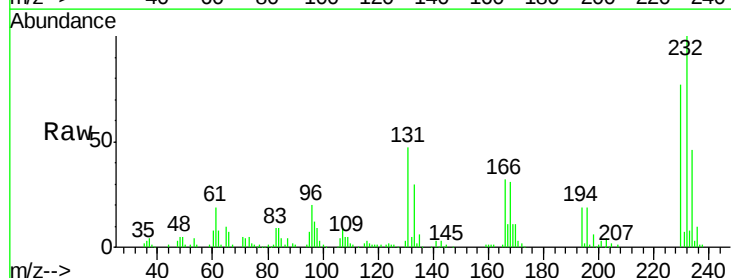


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

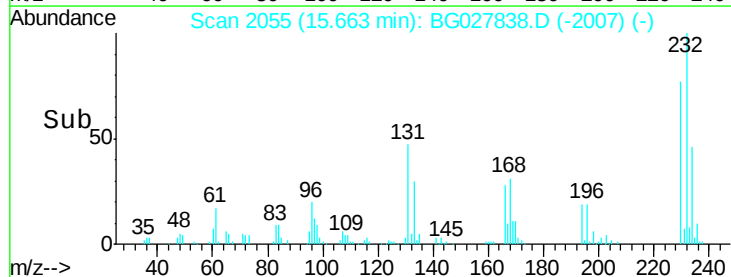
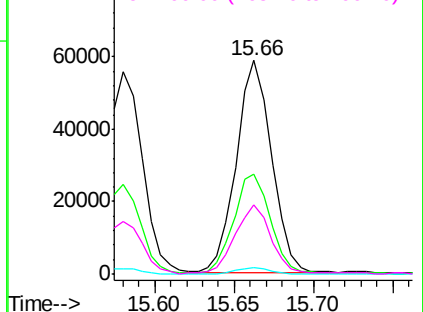


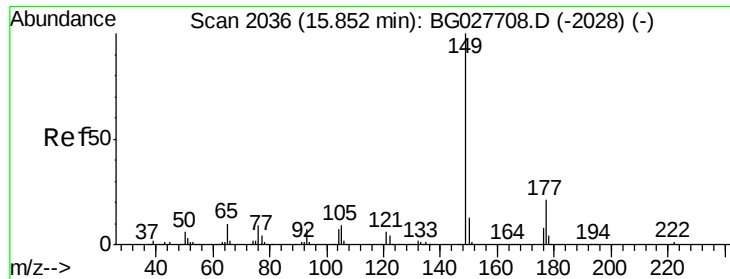
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.635 ng
 RT: 15.66 min Scan# 2055
 Delta R.T. -0.02 min
 Lab File: BG027838.D
 Acq: 3 Jul 2017 18:54

Tgt Ion:232 Resp: 91215
 Ion Ratio Lower Upper
 232 100
 131 48.3 34.9 52.3
 130 2.8 2.3 3.5
 166 32.9 24.2 36.4



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

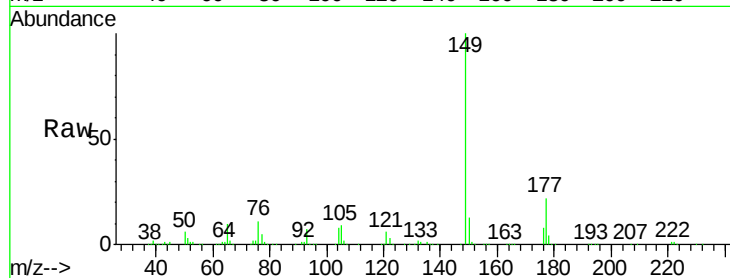




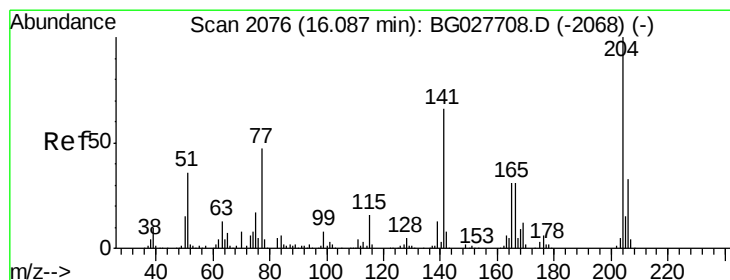
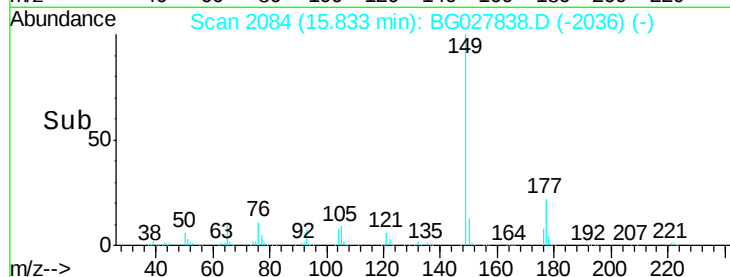
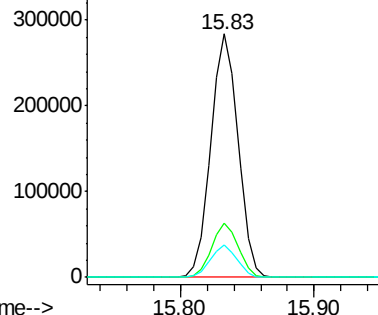
#59
Diethylphthalate
Concen: 44.502 ng
RT: 15.83 min Scan# 2084
Delta R.T. -0.02 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

Instrument :
BNA_G
ClientSampleId :
PB100333BS

Tgt Ion:149 Resp: 400584
Ion Ratio Lower Upper
149 100
177 22.1 20.1 30.1
150 13.2 10.2 15.2

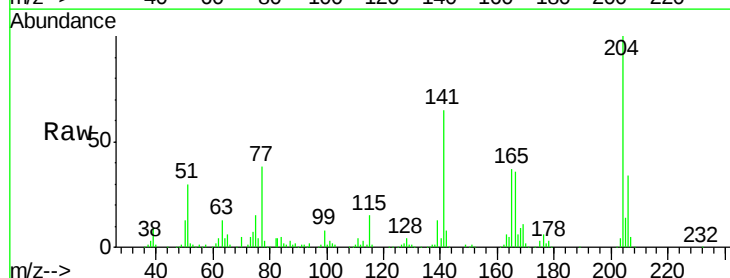


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

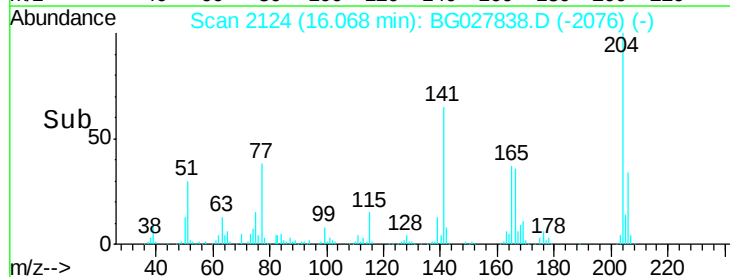
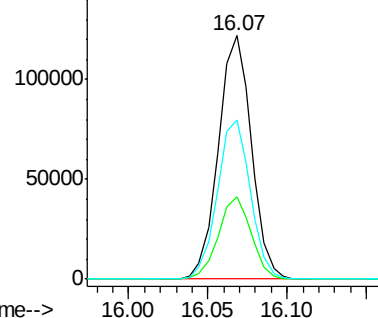


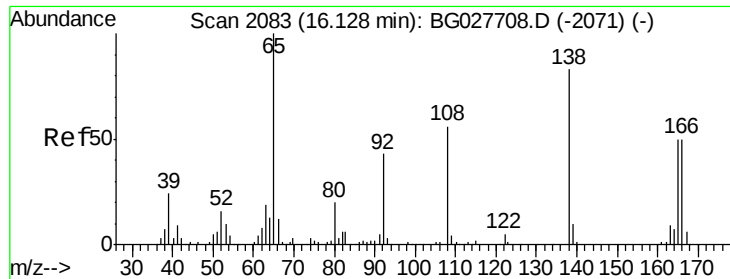
#60
4-Chlorophenyl-phenylether
Concen: 46.016 ng
RT: 16.07 min Scan# 2124
Delta R.T. -0.02 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

Tgt Ion:204 Resp: 176480
Ion Ratio Lower Upper
204 100
206 33.8 30.1 45.1
141 65.3 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

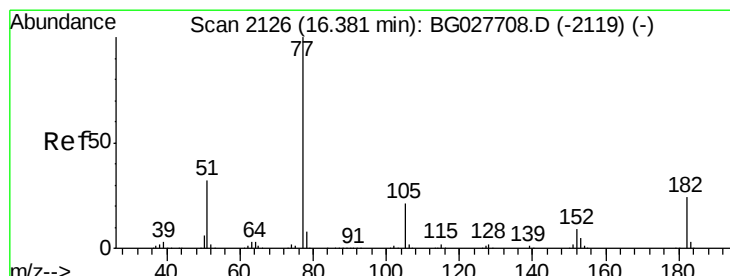
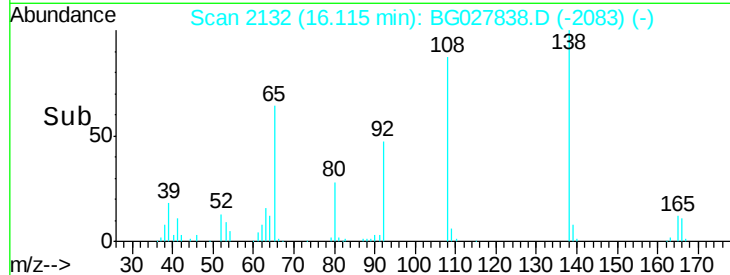
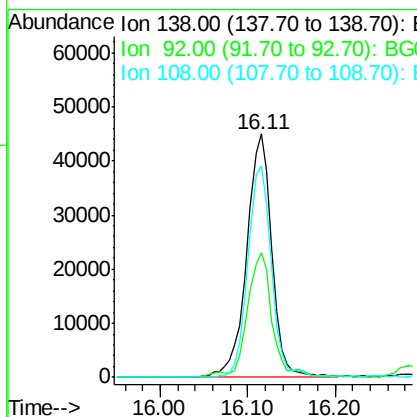
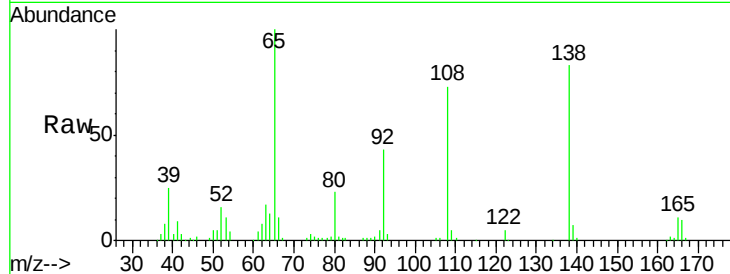




#61
 4-Nitroaniline
 Concen: 40.131 ng
 RT: 16.11 min Scan# 2132
 Delta R.T. -0.01 min
 Lab File: BG027838.D
 Acq: 3 Jul 2017 18:54

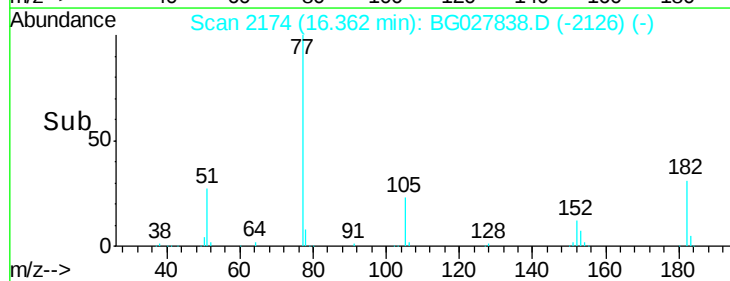
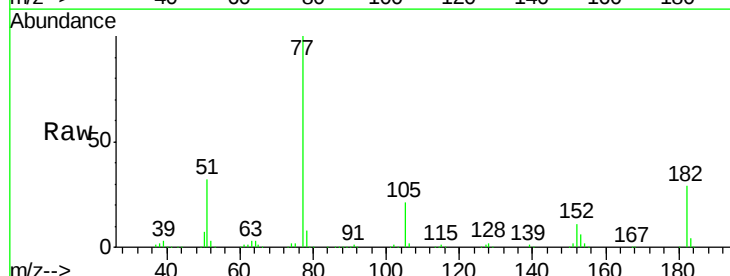
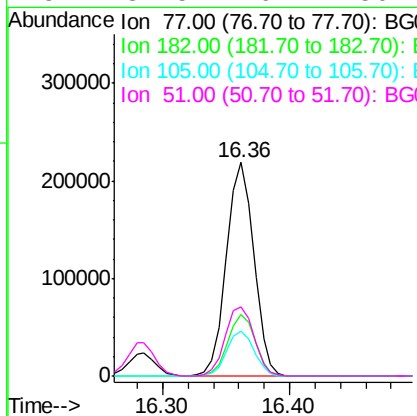
Instrument :
 BNA_G
 ClientSampleId :
 PB100333BS

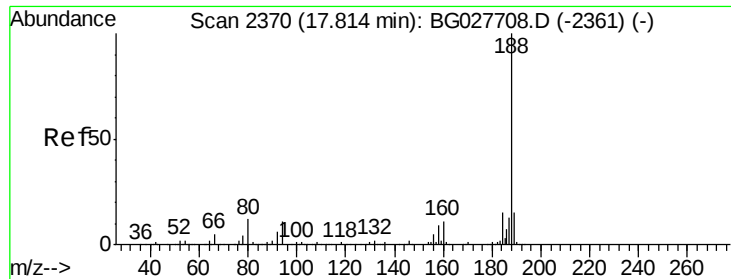
Tgt Ion:138 Resp: 86917
 Ion Ratio Lower Upper
 138 100
 92 51.3 44.2 84.2
 108 87.0 104.8 144.8#



#62
 Azobenzene
 Concen: 41.402 ng
 RT: 16.36 min Scan# 2174
 Delta R.T. -0.02 min
 Lab File: BG027838.D
 Acq: 3 Jul 2017 18:54

Tgt Ion: 77 Resp: 327479
 Ion Ratio Lower Upper
 77 100
 182 28.8 4.7 44.7
 105 21.1 0.0 36.3
 51 32.5 16.4 56.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.79 min Scan# 2417

Delta R.T. -0.02 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

Instrument :

BNA_G

ClientSampleId :

PB100333BS

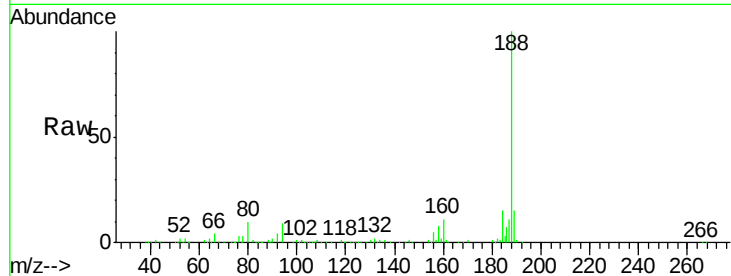
Tgt Ion:188 Resp: 245124

Ion Ratio Lower Upper

188 100

94 8.7 5.8 8.8

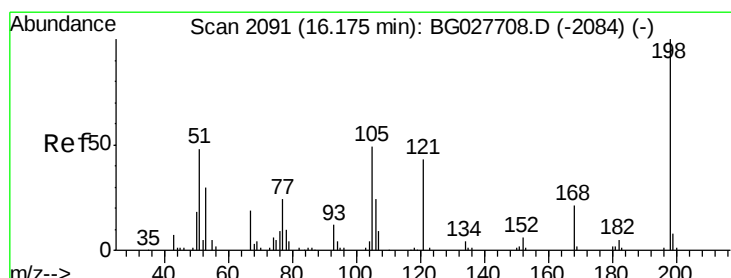
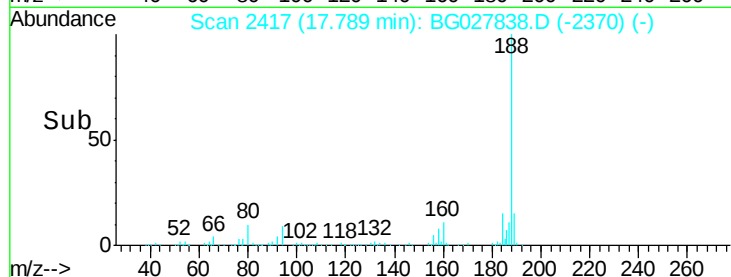
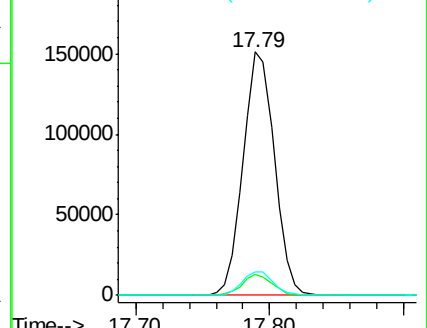
80 9.8 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 45.856 ng

RT: 16.16 min Scan# 2139

Delta R.T. -0.02 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

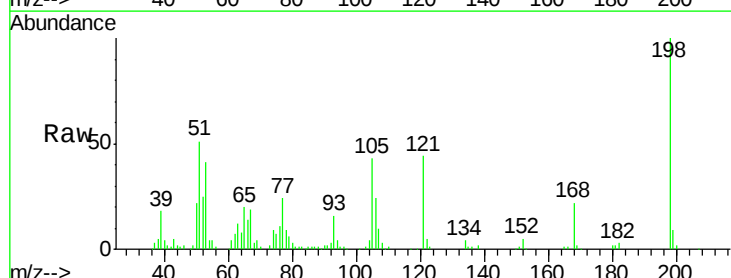
Tgt Ion:198 Resp: 69664

Ion Ratio Lower Upper

198 100

51 51.3 22.6 62.6

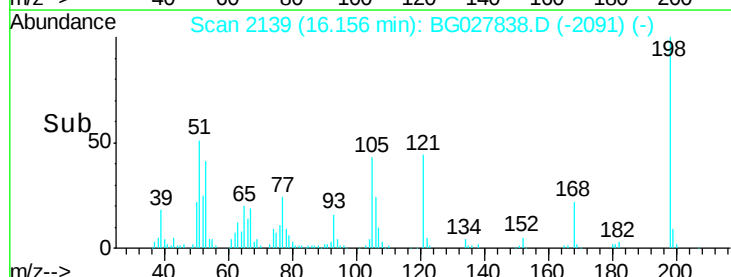
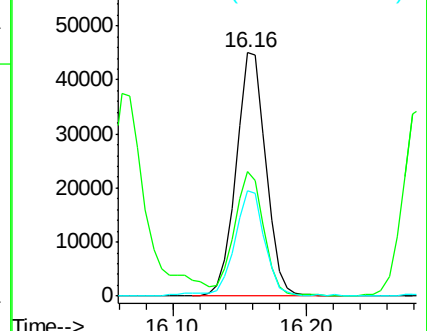
105 43.1 14.4 54.4

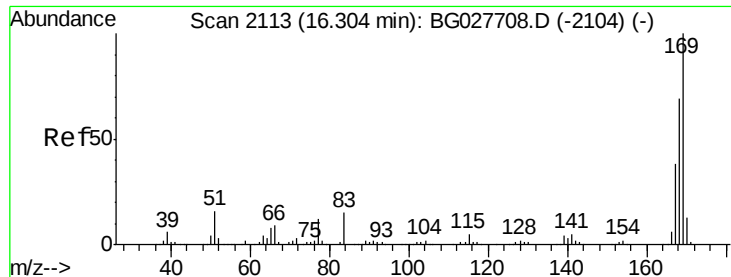


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

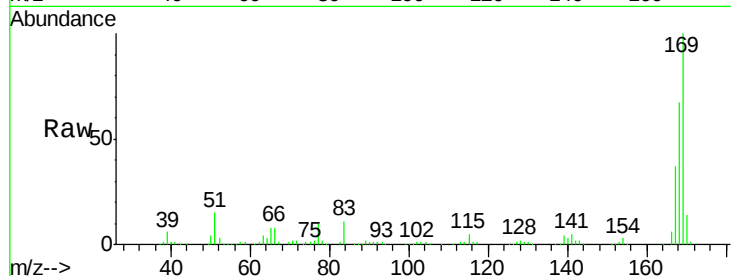




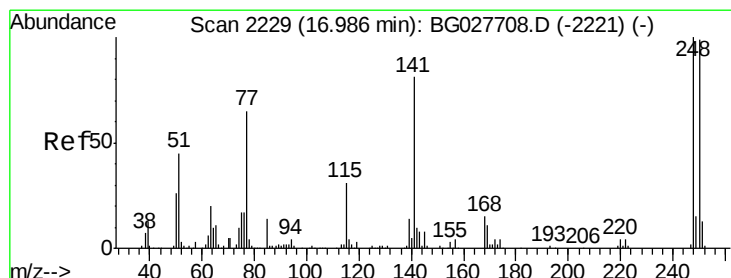
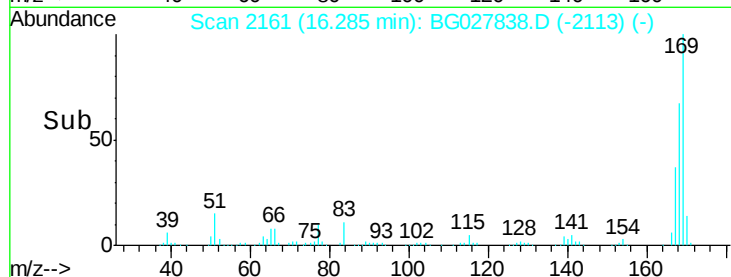
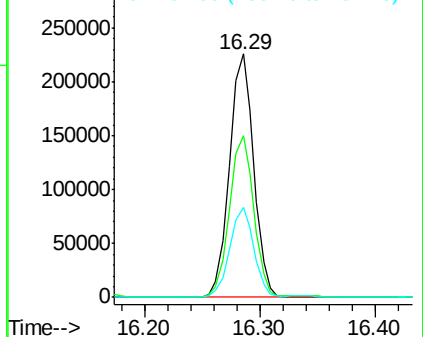
#65
 n-Nitrosodiphenylamine
 Concen: 41.049 ng
 RT: 16.29 min Scan# 2161
 Delta R.T. -0.02 min
 Lab File: BG027838.D
 Acq: 3 Jul 2017 18:54

Instrument :
 BNA_G
 ClientSampleId :
 PB100333BS

Tgt Ion:169 Resp: 327322
 Ion Ratio Lower Upper
 169 100
 168 66.6 55.7 83.5
 167 37.1 29.8 44.6

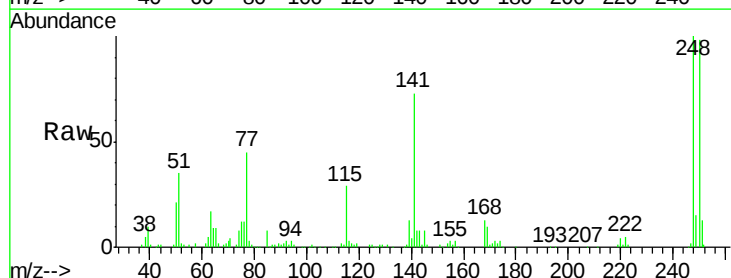


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

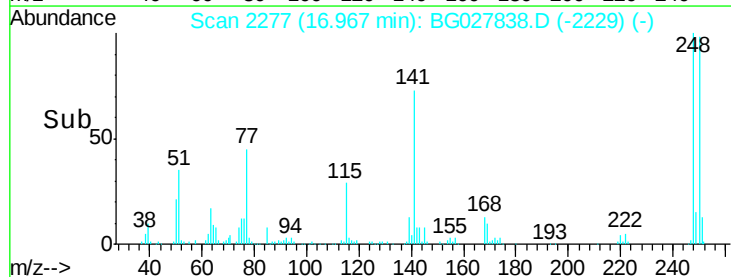
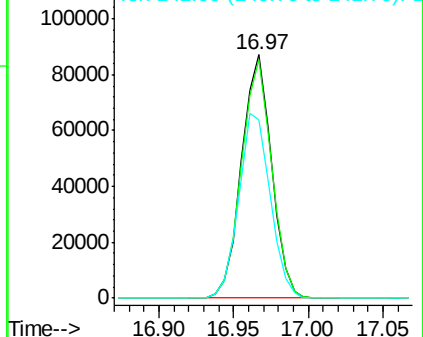


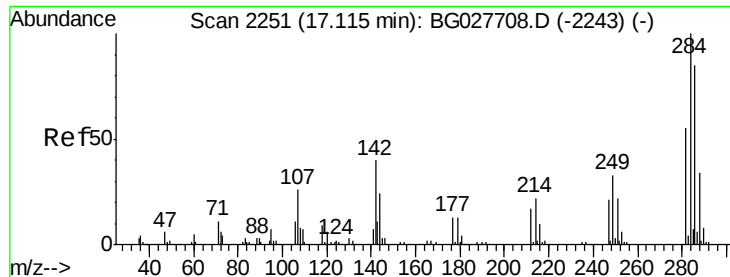
#66
 4-Bromophenyl-phenylether
 Concen: 47.419 ng
 RT: 16.97 min Scan# 2277
 Delta R.T. -0.02 min
 Lab File: BG027838.D
 Acq: 3 Jul 2017 18:54

Tgt Ion:248 Resp: 121572
 Ion Ratio Lower Upper
 248 100
 250 97.9 75.0 112.6
 141 73.2 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

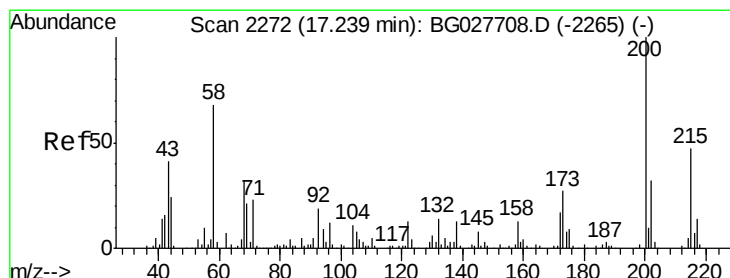
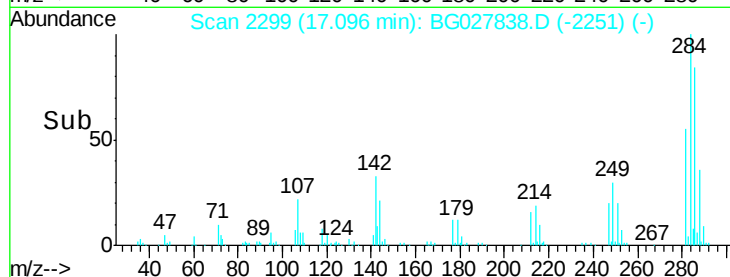
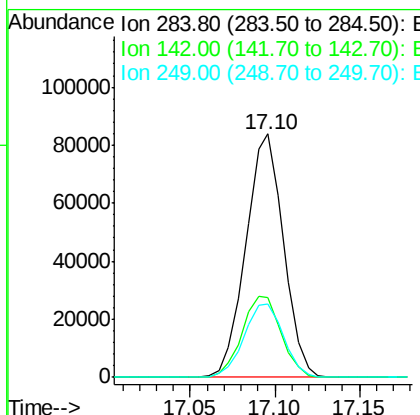
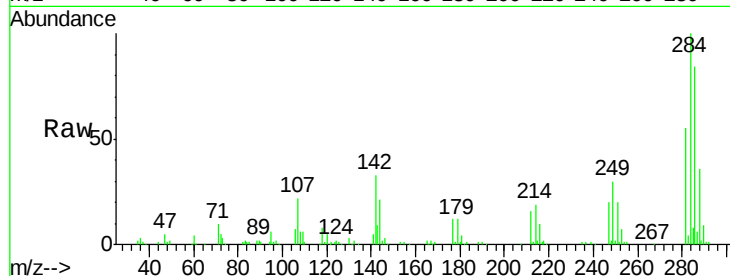




#67
Hexachlorobenzene
Concen: 47.752 ng
RT: 17.10 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

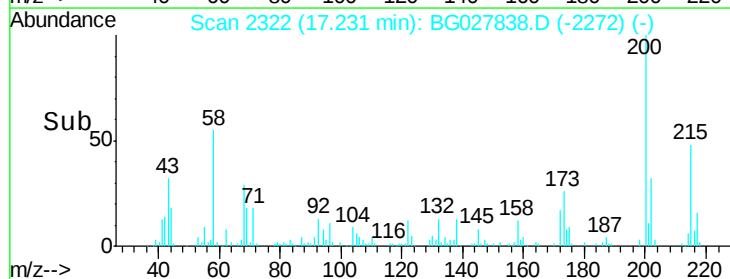
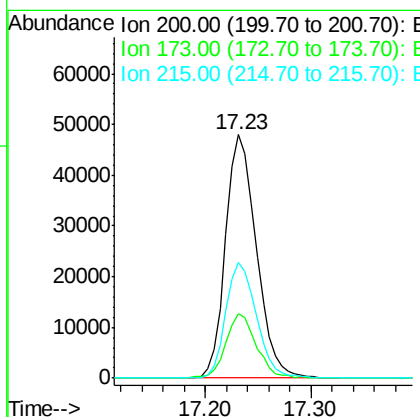
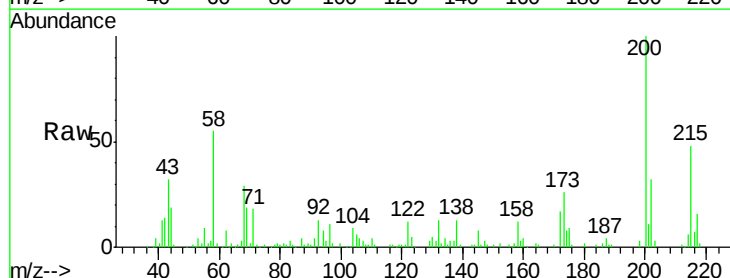
Instrument :
BNA_G
ClientSampled :
PB100333BS

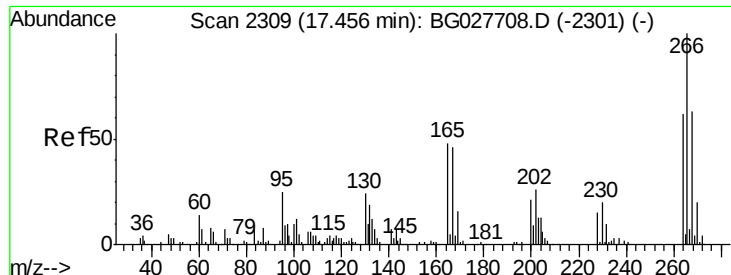
Tgt Ion:284 Resp: 129652
Ion Ratio Lower Upper
284 100
142 32.5 29.9 44.9
249 30.2 29.2 43.8



#68
Atrazine
Concen: 38.495 ng
RT: 17.23 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

Tgt Ion:200 Resp: 96909
Ion Ratio Lower Upper
200 100
173 26.4 3.0 43.0
215 47.7 28.4 68.4





#69

Pentachlorophenol

Concen: 89.714 ng

RT: 17.44 min Scan# 2357

Delta R.T. -0.02 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

Instrument :

BNA_G

ClientSampleId :

PB100333BS

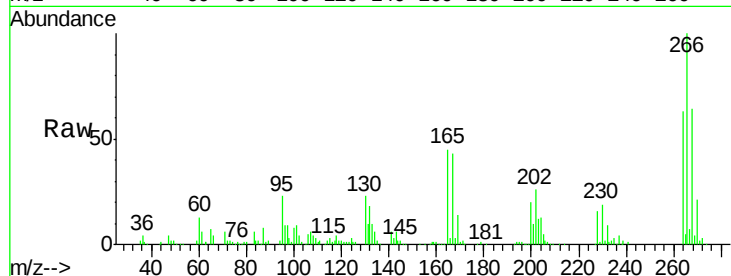
Tgt Ion:266 Resp: 156925

Ion Ratio Lower Upper

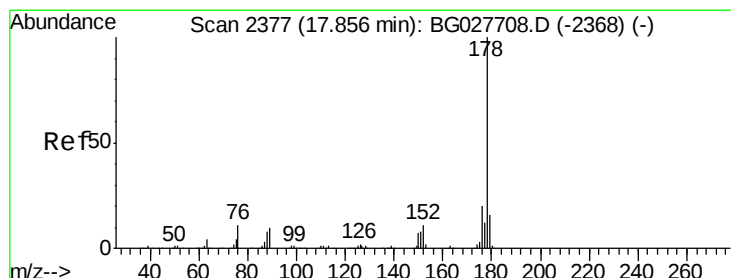
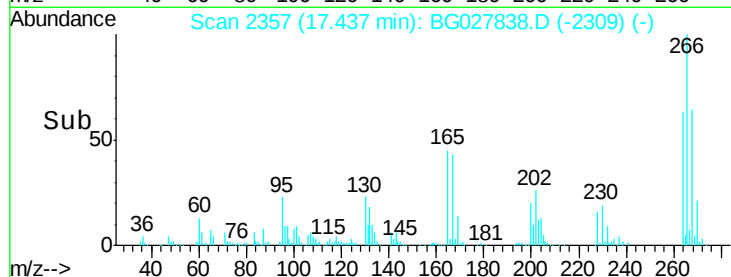
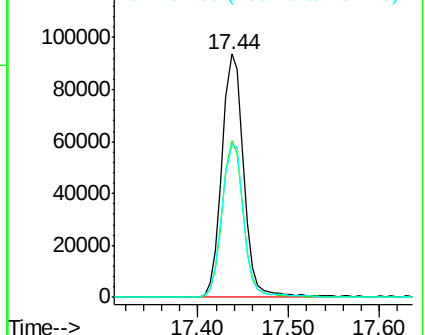
266 100

268 64.1 48.6 72.8

264 62.8 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: 42.421 ng

RT: 17.84 min Scan# 2425

Delta R.T. -0.02 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

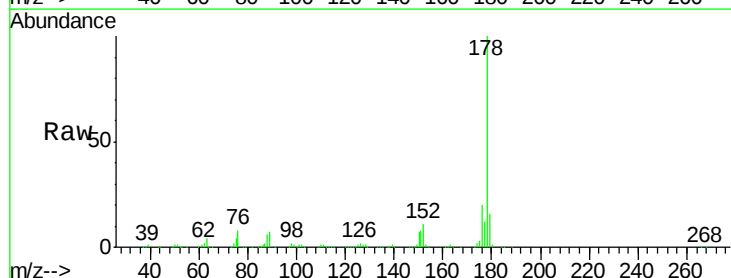
Tgt Ion:178 Resp: 600302

Ion Ratio Lower Upper

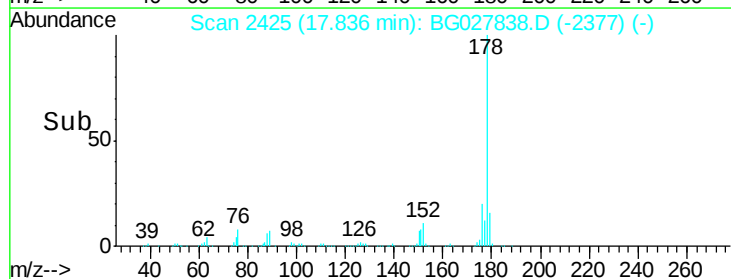
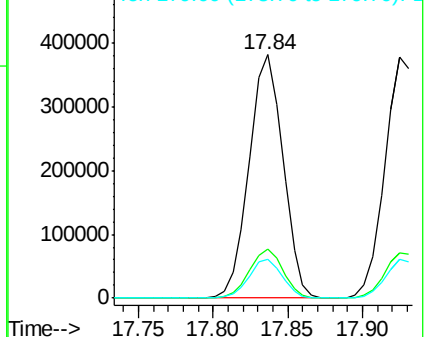
178 100

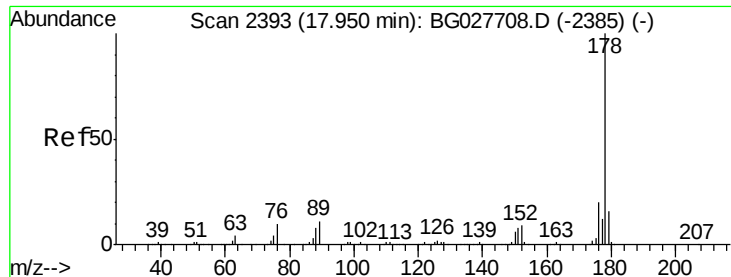
176 20.0 17.7 26.5

179 16.0 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

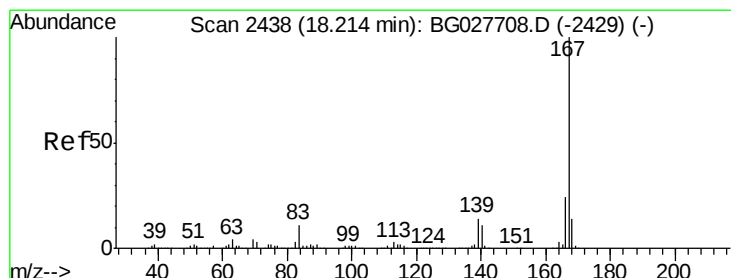
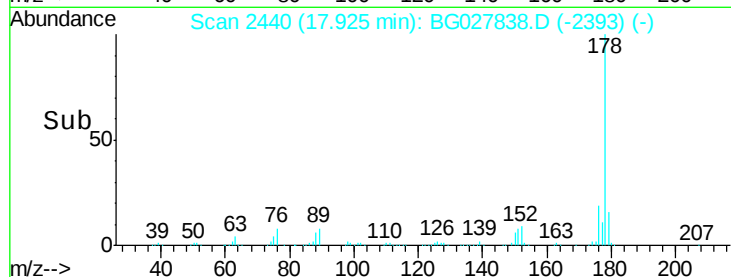
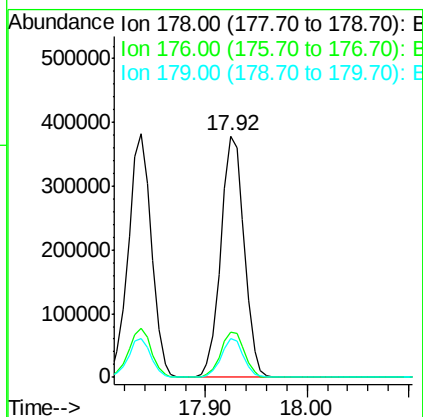
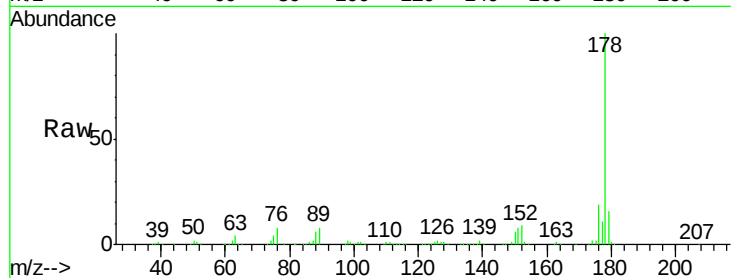




#71
 Anthracene
 Concen: 42.390 ng
 RT: 17.92 min Scan# 2440
 Delta R.T. -0.02 min
 Lab File: BG027838.D
 Acq: 3 Jul 2017 18:54

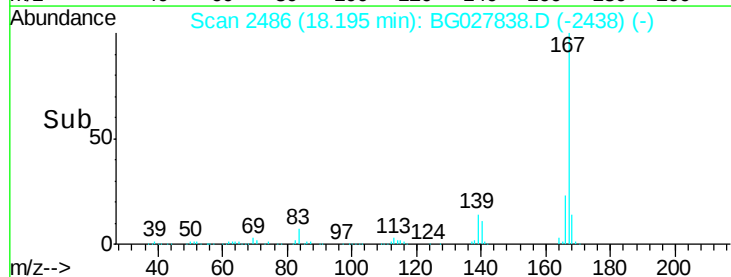
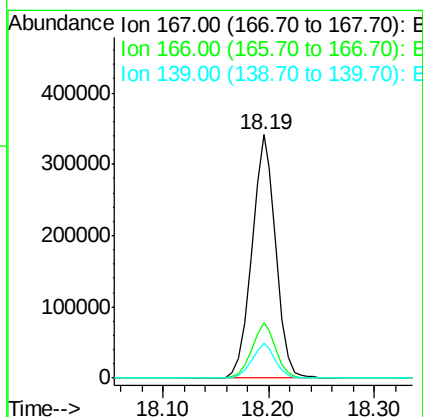
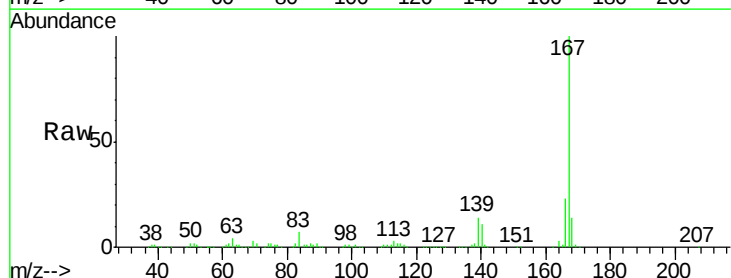
Instrument :
 BNA_G
 ClientSampleId :
 PB100333BS

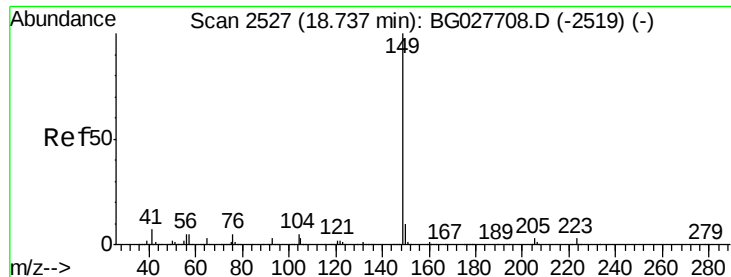
Tgt Ion:178 Resp: 605748
 Ion Ratio Lower Upper
 178 100
 176 18.9 16.4 24.6
 179 15.9 13.8 20.8



#72
 Carbazole
 Concen: 37.793 ng
 RT: 18.19 min Scan# 2486
 Delta R.T. -0.02 min
 Lab File: BG027838.D
 Acq: 3 Jul 2017 18:54

Tgt Ion:167 Resp: 531865
 Ion Ratio Lower Upper
 167 100
 166 23.0 20.2 30.2
 139 14.4 12.8 19.2





#73

Di-n-butylphthalate

Concen: 43.634 ng

RT: 18.72 min Scan# 2575

Delta R.T. -0.02 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

Instrument :

BNA_G

ClientSampleId :

PB100333BS

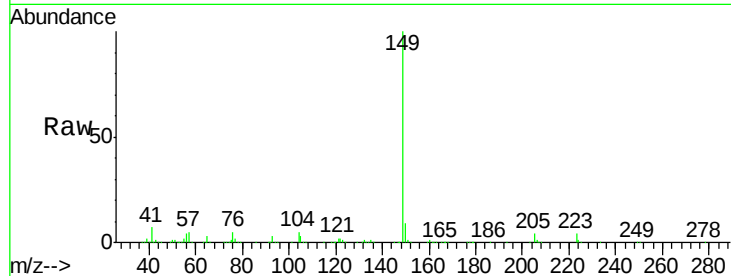
Tgt Ion:149 Resp: 674815

Ion Ratio Lower Upper

149 100

150 9.3 9.1 13.7

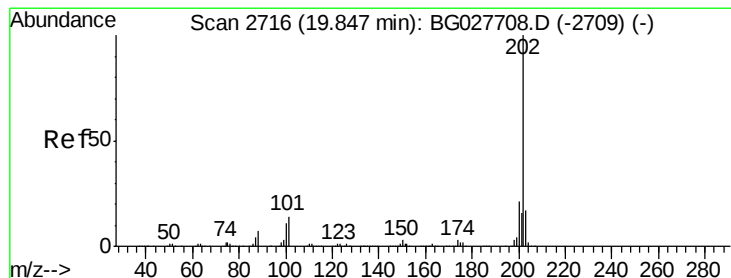
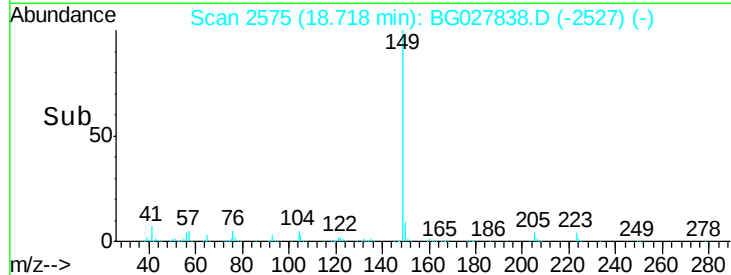
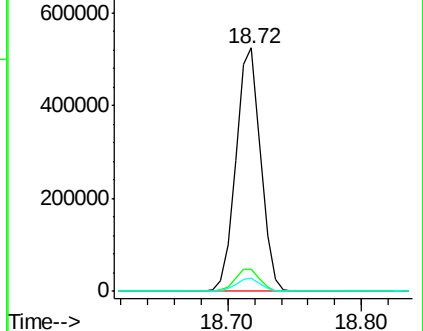
104 5.3 6.7 10.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.538 ng

RT: 19.83 min Scan# 2764

Delta R.T. -0.02 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

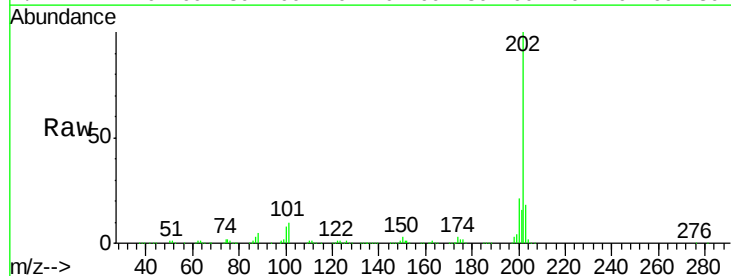
Tgt Ion:202 Resp: 688804

Ion Ratio Lower Upper

202 100

101 9.7 0.0 30.1

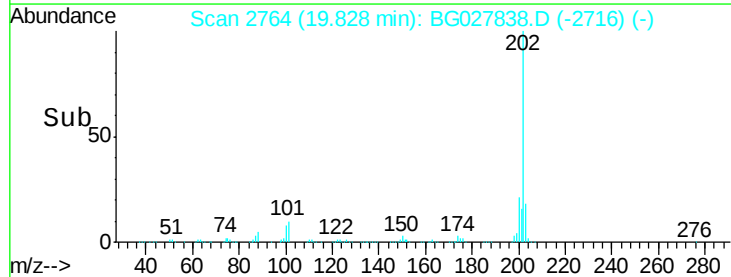
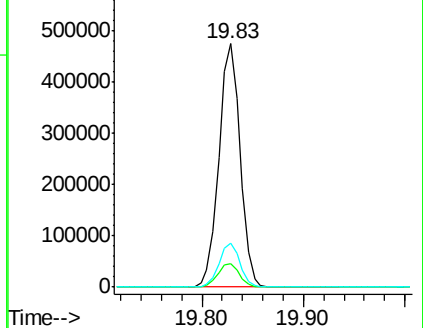
203 17.8 1.3 41.3

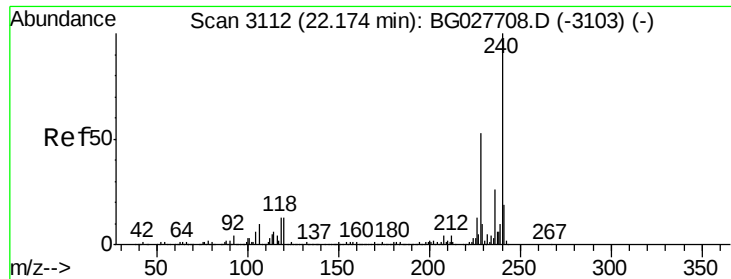


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.15 min Scan# 3159

Delta R.T. -0.02 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

Instrument :

BNA_G

ClientSampleId :

PB100333BS

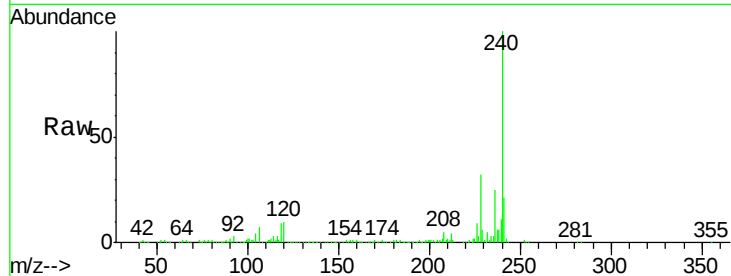
Tgt Ion:240 Resp: 261443

Ion Ratio Lower Upper

240 100

120 9.7 5.7 8.5#

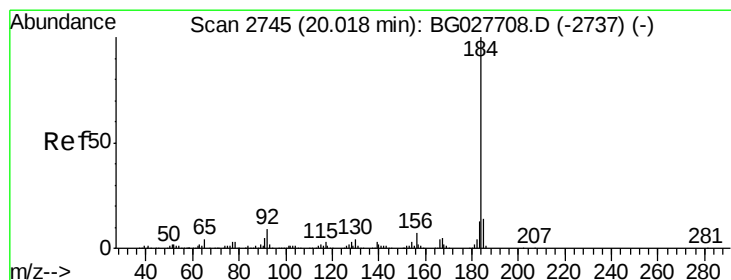
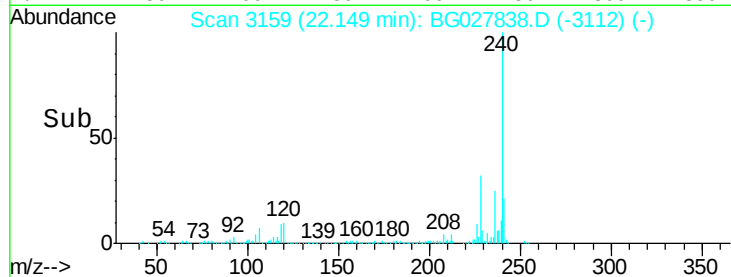
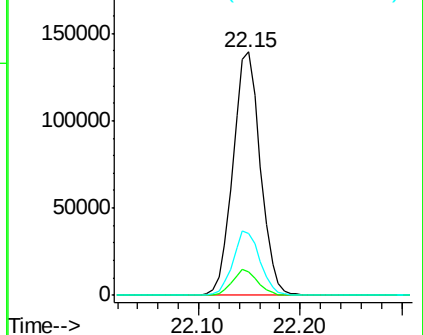
236 25.4 22.2 33.4



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: 10.468 ng

RT: 20.03 min Scan# 2799

Delta R.T. 0.02 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

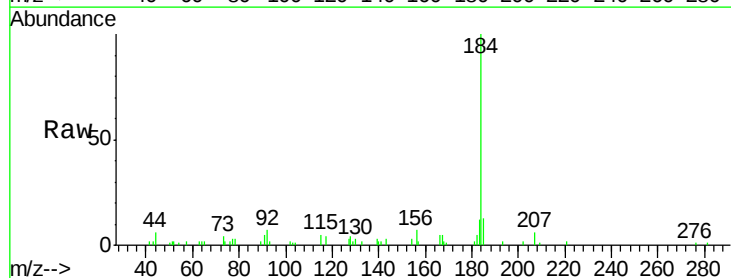
Tgt Ion:184 Resp: 48368

Ion Ratio Lower Upper

184 100

185 13.5 13.0 19.6

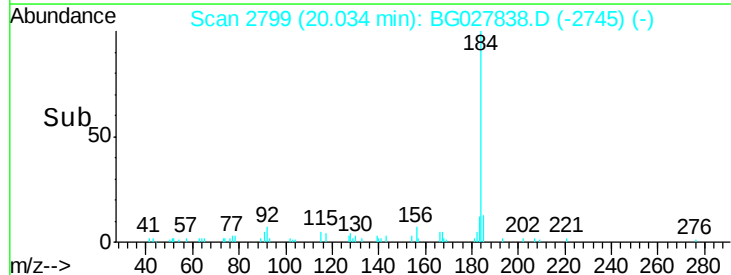
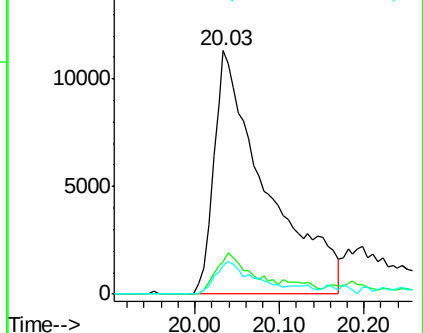
183 11.8 11.0 16.6

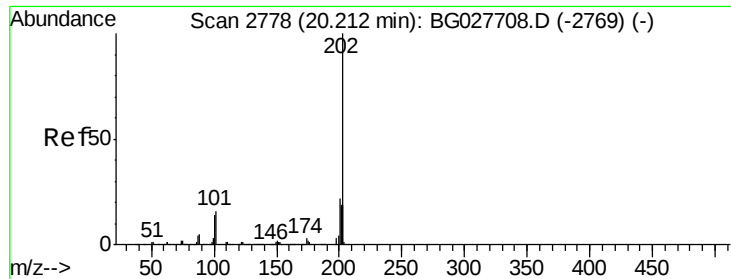


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 42.353 ng

RT: 20.19 min Scan# 2826

Delta R.T. -0.02 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

Instrument :

BNA_G

ClientSampleId :

PB100333BS

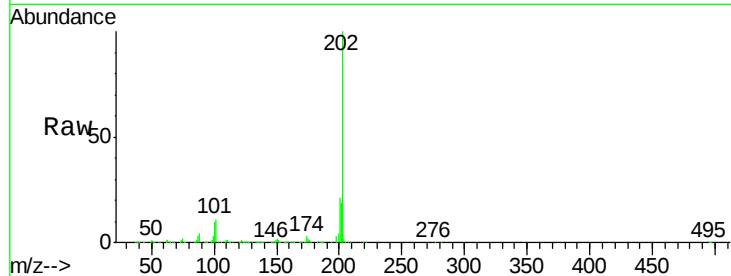
Tgt Ion:202 Resp: 694897

Ion Ratio Lower Upper

202 100

200 21.2 19.6 29.4

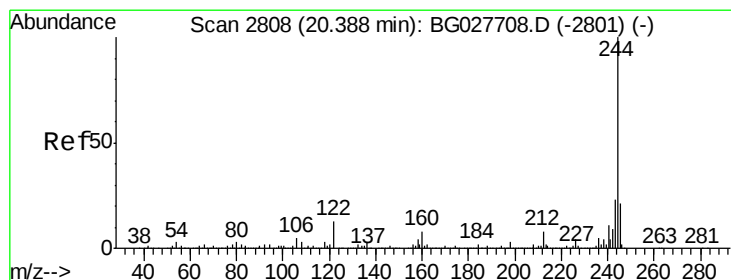
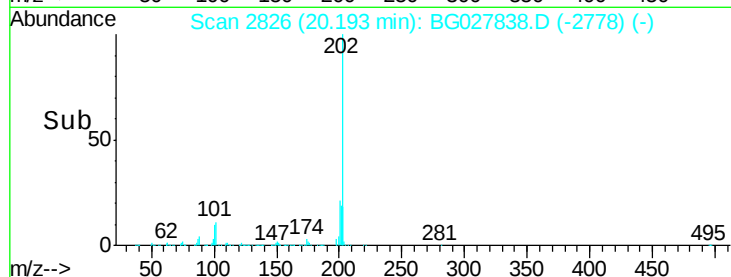
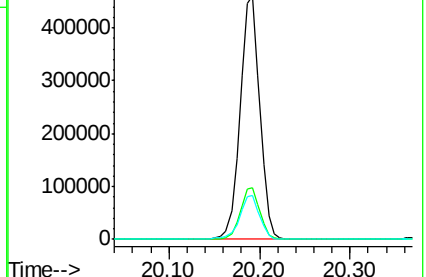
203 18.1 15.8 23.8



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: 95.132 ng

RT: 20.37 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

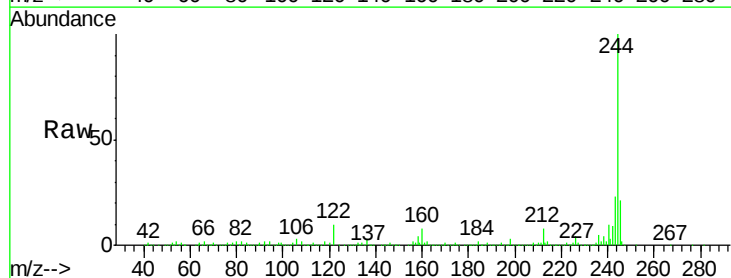
Tgt Ion:244 Resp: 1060905

Ion Ratio Lower Upper

244 100

212 7.6 10.0 15.0#

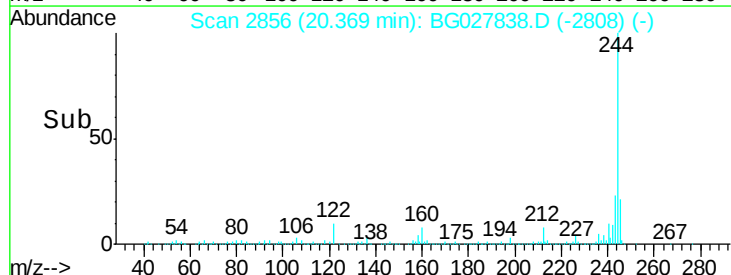
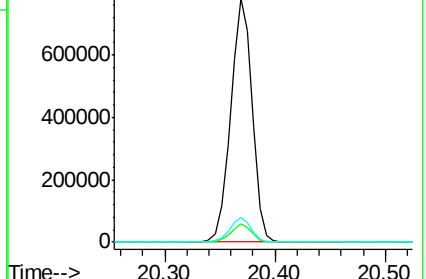
122 10.0 8.6 12.8

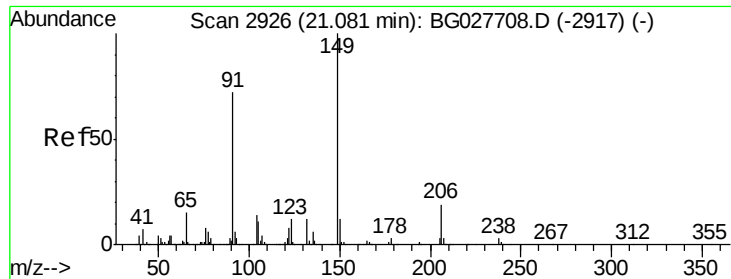


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

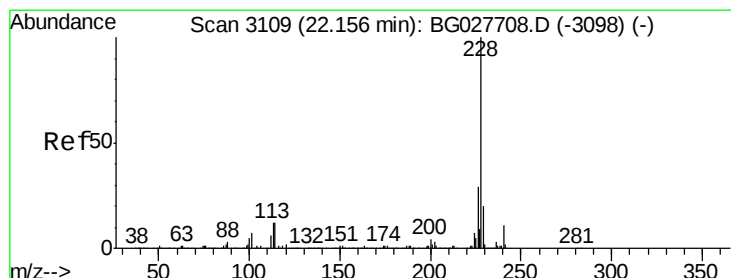
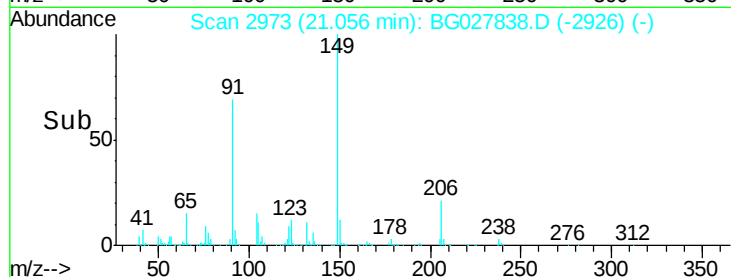
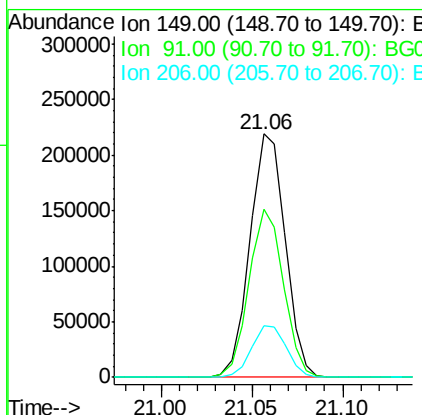
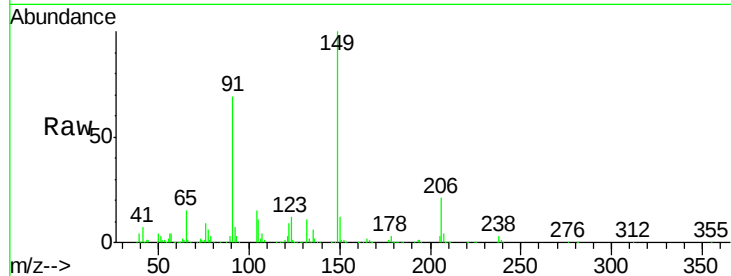




#79
Butylbenzylphthalate
Concen: 40.042 ng
RT: 21.06 min Scan# 2973
Delta R.T. -0.02 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

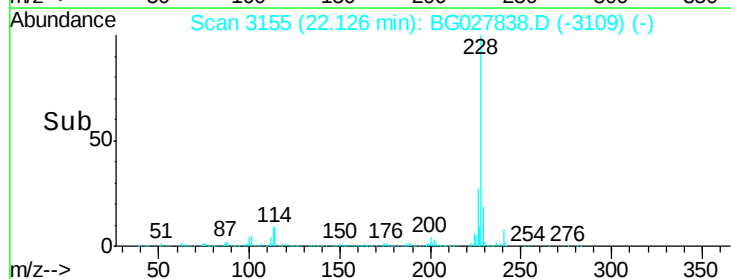
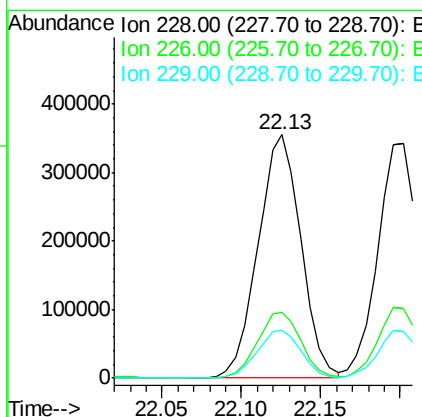
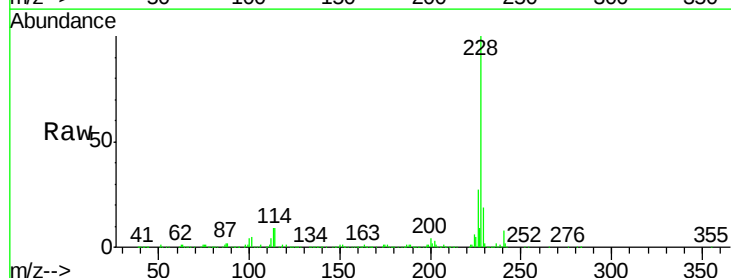
Instrument :
BNA_G
ClientSampleId :
PB100333BS

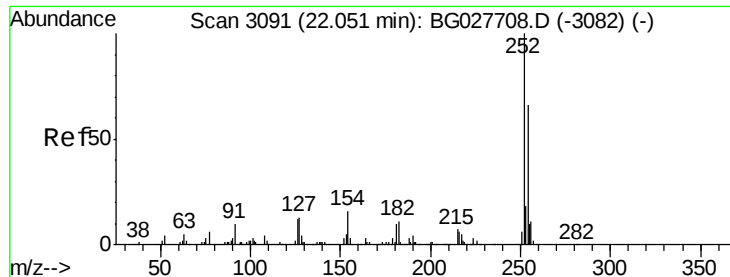
Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.9	63.5	95.3
206	21.2	21.0	31.6



#80
Benzo(a)anthracene
Concen: 42.131 ng
RT: 22.13 min Scan# 3155
Delta R.T. -0.03 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.9	24.9	37.3
229	19.4	18.2	27.2

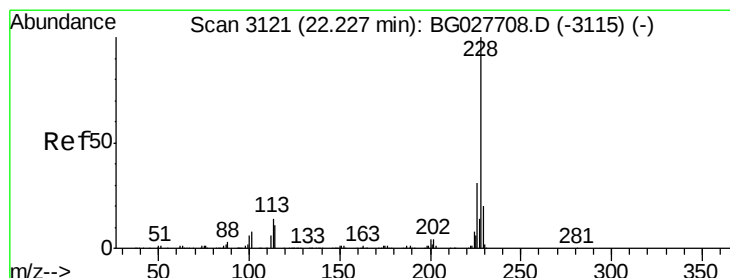
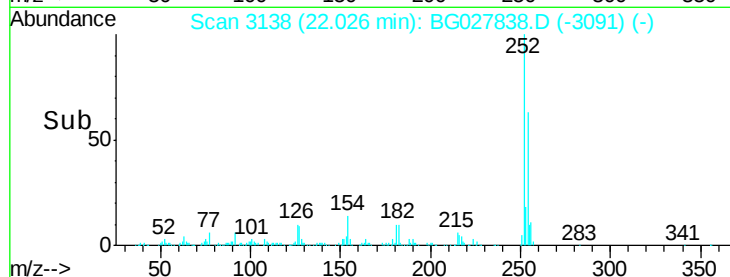
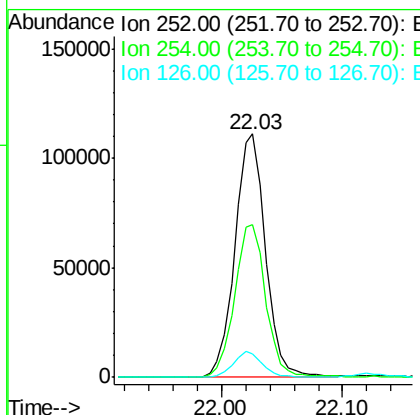
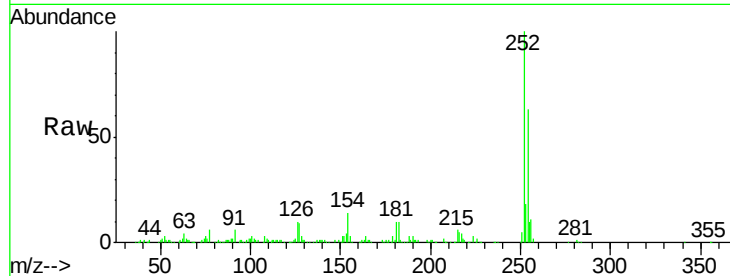




#81
 3,3'-Dichlorobenzidine
 Concen: 34.185 ng
 RT: 22.03 min Scan# 3138
 Delta R.T. -0.02 min
 Lab File: BG027838.D
 Acq: 3 Jul 2017 18:54

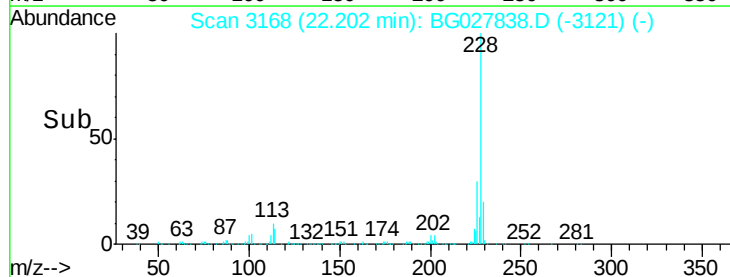
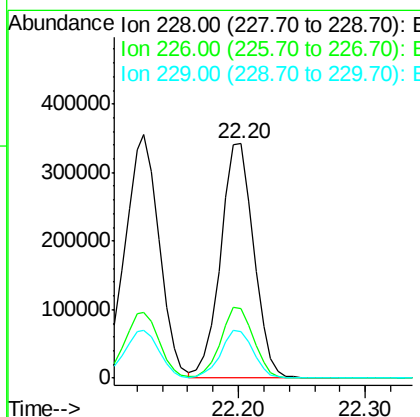
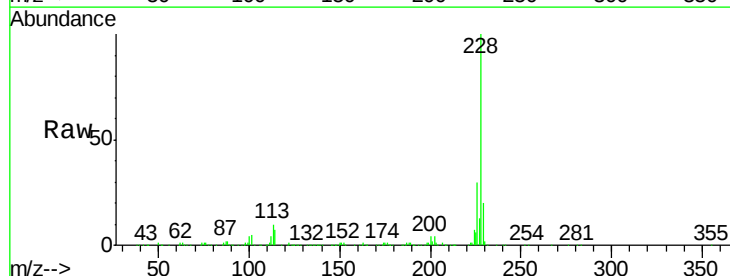
Instrument :
 BNA_G
 ClientSampleId :
 PB100333BS

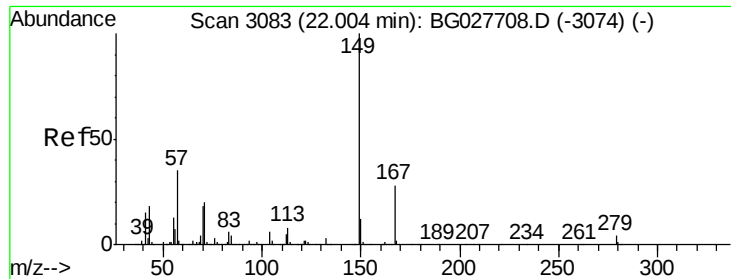
Tgt Ion:252 Resp: 196114
 Ion Ratio Lower Upper
 252 100
 254 63.0 53.1 79.7
 126 9.7 7.0 10.4



#82
 Chrysene
 Concen: 41.753 ng
 RT: 22.20 min Scan# 3168
 Delta R.T. -0.02 min
 Lab File: BG027838.D
 Acq: 3 Jul 2017 18:54

Tgt Ion:228 Resp: 618600
 Ion Ratio Lower Upper
 228 100
 226 29.8 27.0 40.4
 229 19.6 17.8 26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.469 ng

RT: 21.98 min Scan# 3130

Delta R.T. -0.02 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

Instrument :

BNA_G

ClientSampleId :

PB100333BS

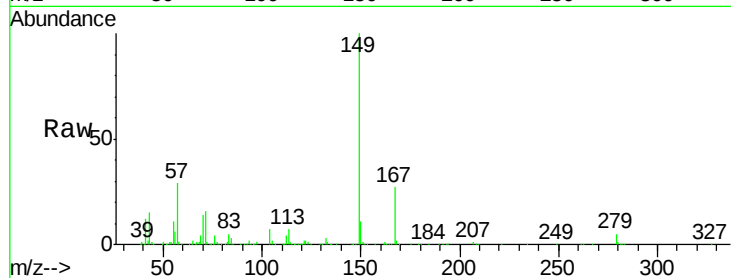
Tgt Ion:149 Resp: 426219

Ion Ratio Lower Upper

149 100

167 27.2 23.7 35.5

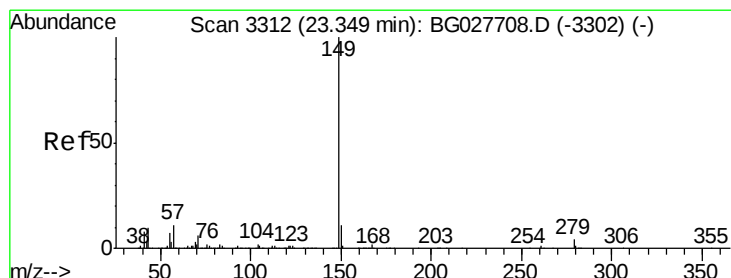
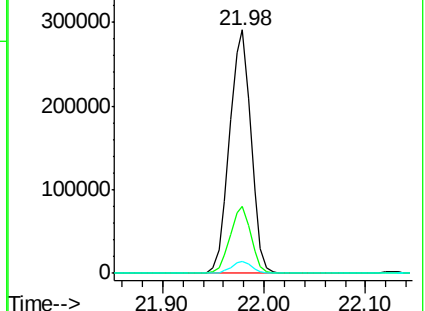
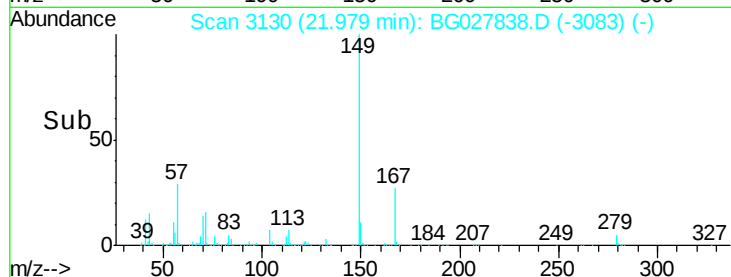
279 4.9 4.6 6.8



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: 40.335 ng

RT: 23.31 min Scan# 3357

Delta R.T. -0.04 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

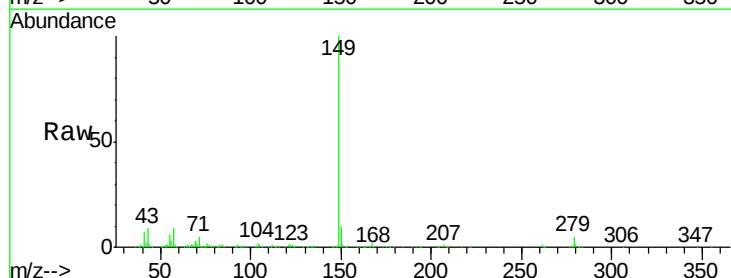
Tgt Ion:149 Resp: 719595

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.2

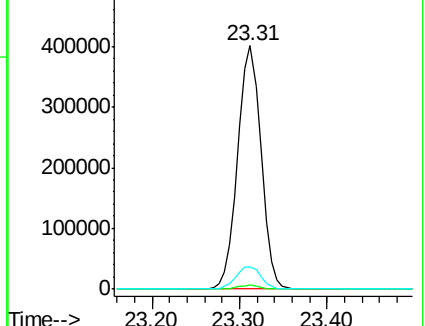
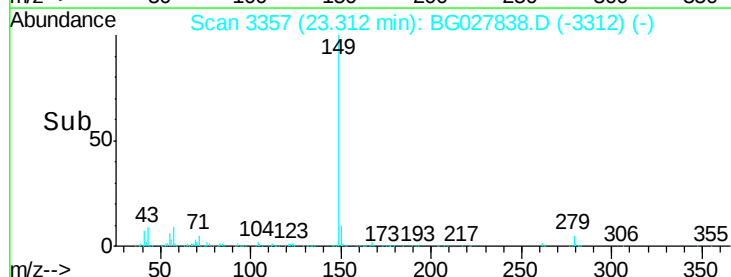
43 9.8 11.8 17.6#

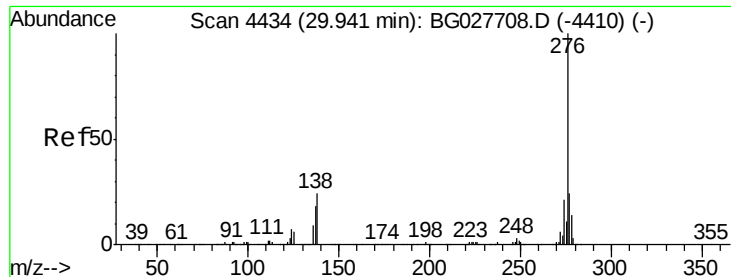


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

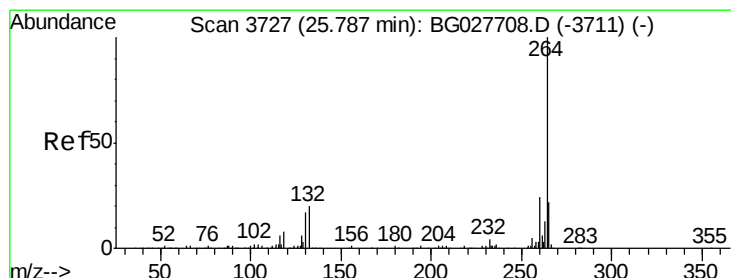
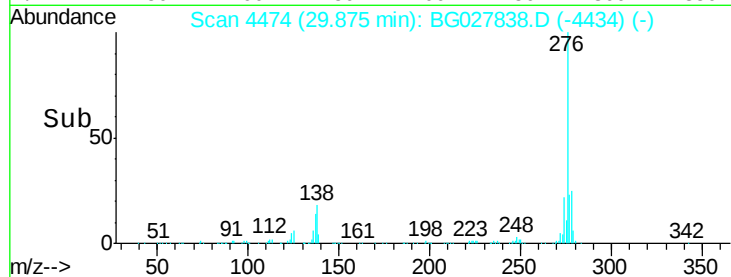
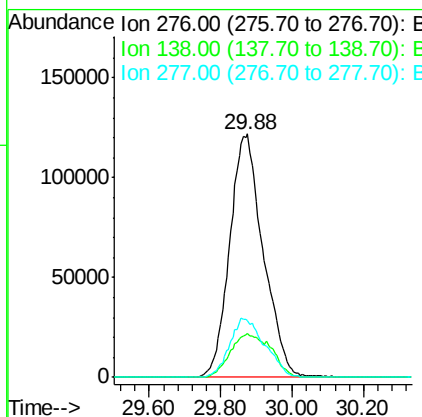
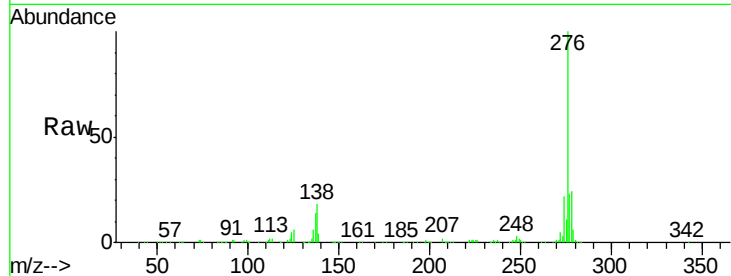




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.819 ng
 RT: 29.88 min Scan# 4474
 Delta R.T. -0.07 min
 Lab File: BG027838.D
 Acq: 3 Jul 2017 18:54

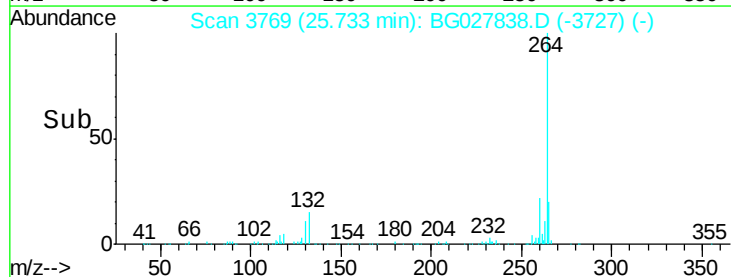
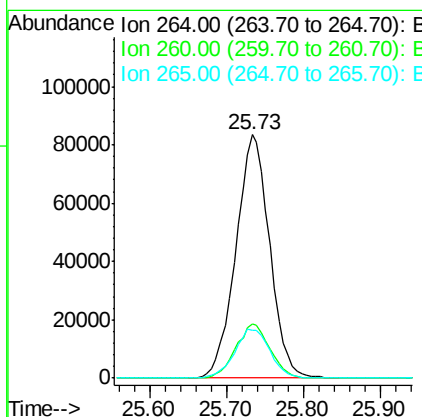
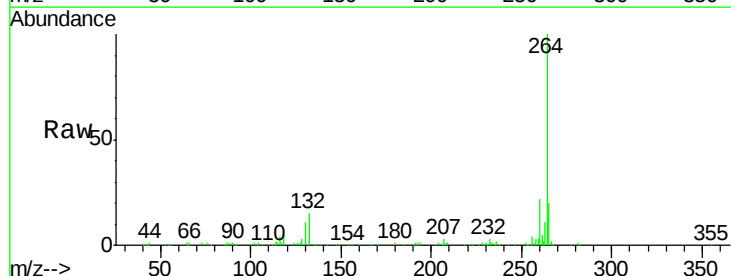
Instrument :
 BNA_G
 ClientSampleId :
 PB100333BS

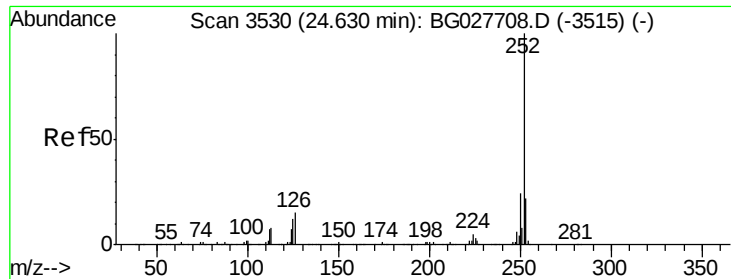
Tgt Ion:276 Resp: 792799
 Ion Ratio Lower Upper
 276 100
 138 21.8 4.7 7.1#
 277 25.7 20.6 31.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.73 min Scan# 3769
 Delta R.T. -0.05 min
 Lab File: BG027838.D
 Acq: 3 Jul 2017 18:54

Tgt Ion:264 Resp: 255507
 Ion Ratio Lower Upper
 264 100
 260 22.1 21.8 32.8
 265 19.8 18.2 27.4

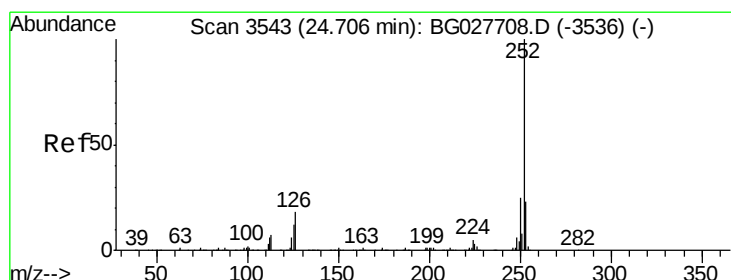
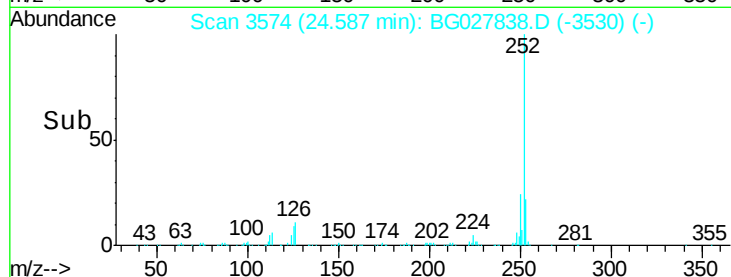
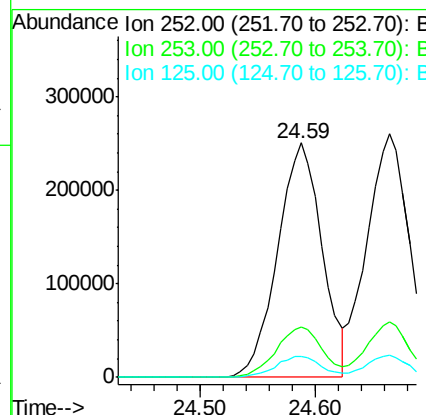
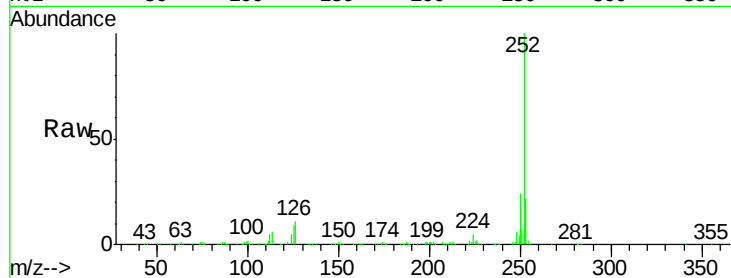




#87
Benzo(b)fluoranthene
Concen: 40.770 ng
RT: 24.59 min Scan# 3574
Delta R.T. -0.04 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

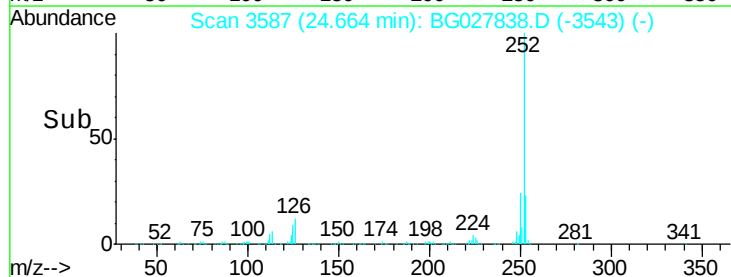
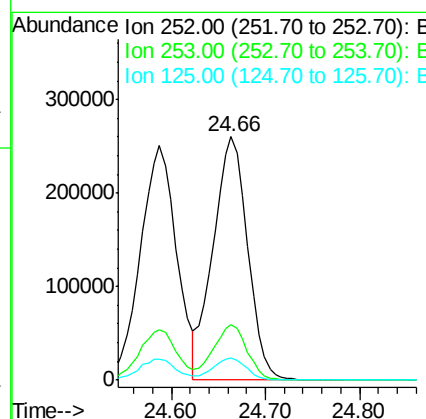
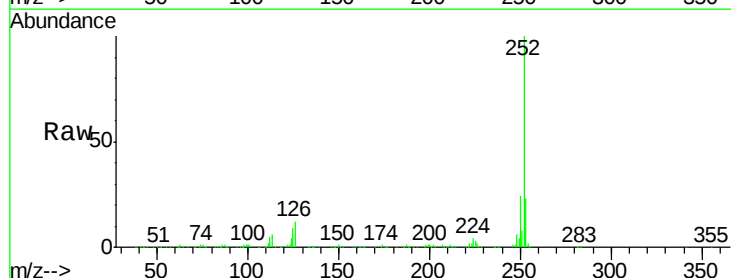
Instrument :
BNA_G
ClientSampleId :
PB100333BS

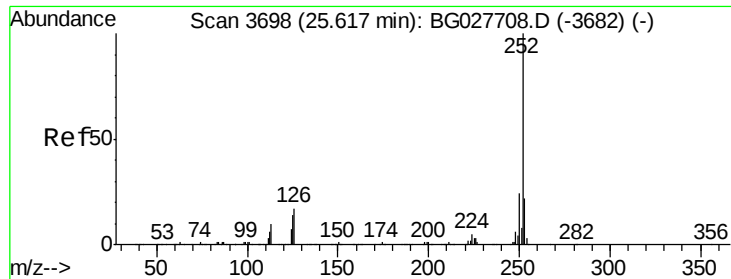
Tgt Ion:252 Resp: 671117
Ion Ratio Lower Upper
252 100
253 21.6 18.7 28.1
125 9.1 5.3 7.9#



#88
Benzo(k)fluoranthene
Concen: 40.847 ng
RT: 24.66 min Scan# 3587
Delta R.T. -0.04 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

Tgt Ion:252 Resp: 664644
Ion Ratio Lower Upper
252 100
253 22.9 20.2 30.2
125 9.1 5.1 7.7#

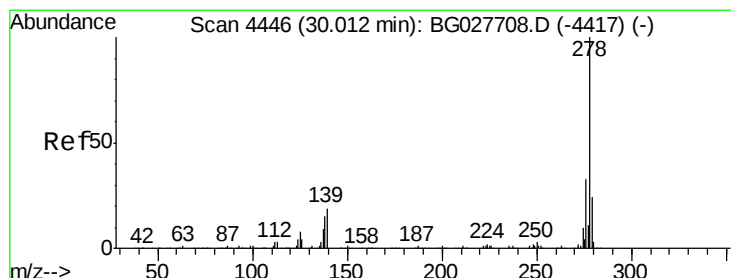
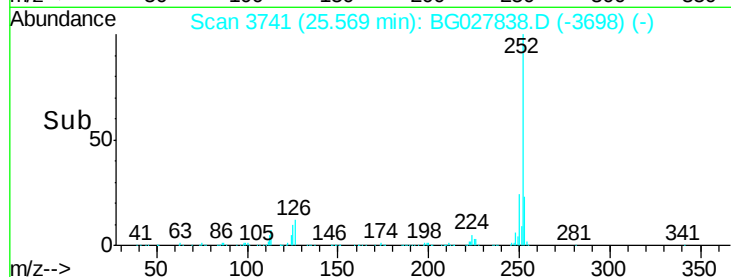
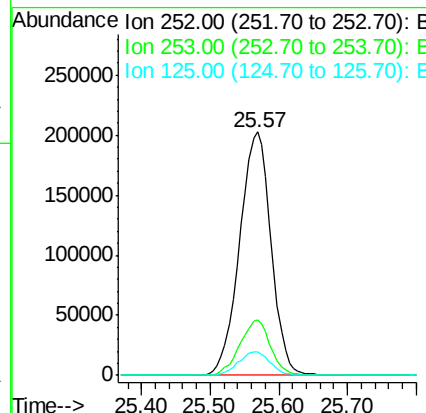
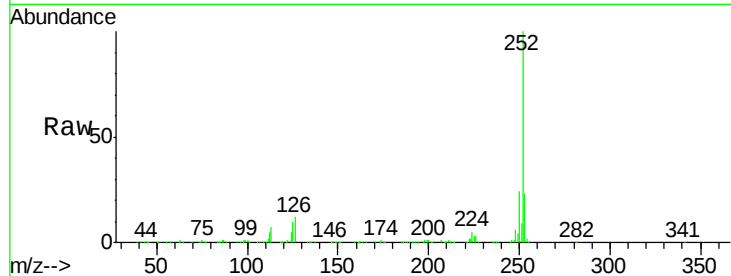




#89
Benzo(a)pyrene
Concen: 41.777 ng
RT: 25.57 min Scan# 3741
Delta R.T. -0.05 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

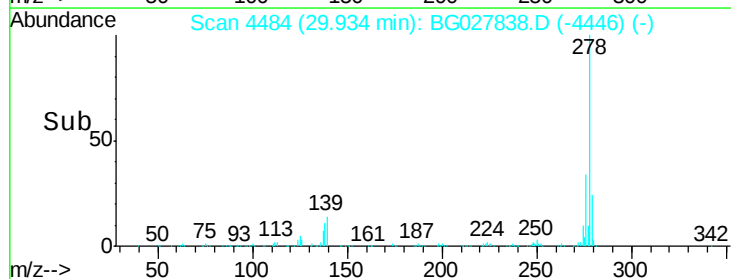
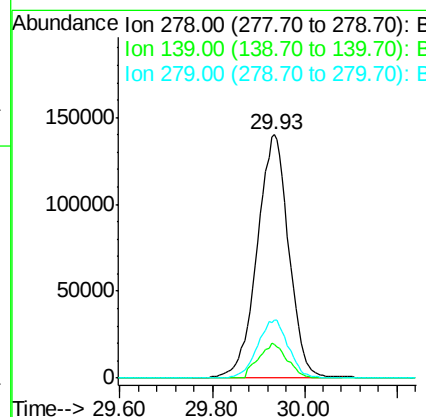
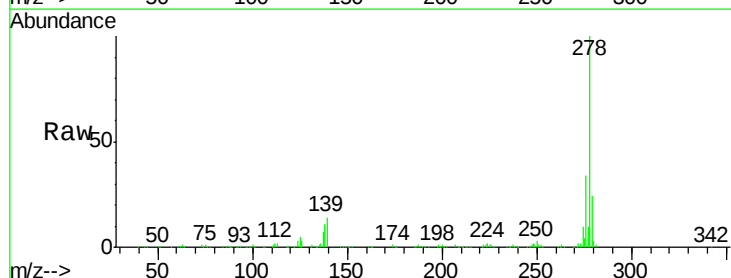
Instrument :
BNA_G
ClientSampleId :
PB100333BS

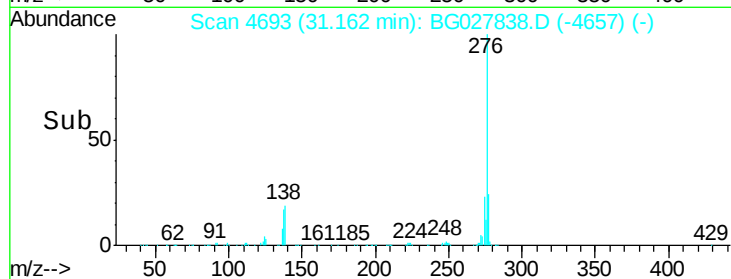
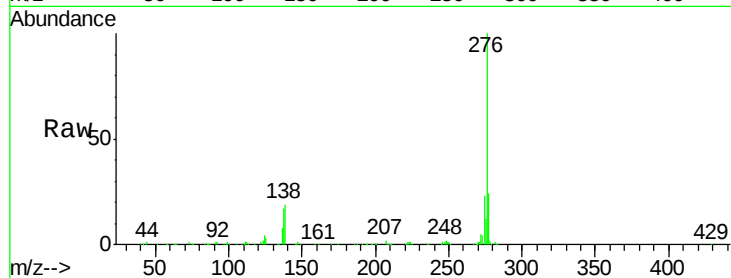
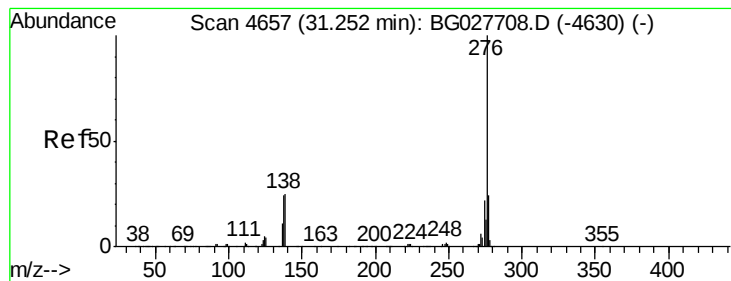
Tgt Ion:252 Resp: 645292
Ion Ratio Lower Upper
252 100
253 22.6 19.2 28.8
125 9.8 5.4 8.0#



#90
Dibenzo(a,h)anthracene
Concen: 42.719 ng
RT: 29.93 min Scan# 4484
Delta R.T. -0.08 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

Tgt Ion:278 Resp: 668468
Ion Ratio Lower Upper
278 100
139 13.7 7.7 11.5#
279 23.6 19.1 28.7





#91

Benzo(g,h,i)perylene

Concen: 42.061 ng

RT: 31.16 min Scan# 4693

Delta R.T. -0.09 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

Instrument :

BNA_G

ClientSampleId :

PB100333BS

Tgt Ion:276 Resp: 632532

Ion Ratio Lower Upper

276 100

277 24.0 18.6 27.8

138 19.1 8.1 12.1#

