

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 :

Quant Time: Jul 04 05:49:25 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						
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				Qvalue		
2) 1,4-Dioxane	4.01	88	20672	29.77	ng	90
3) Pyridine	4.41	79	36175	16.92	ng	95
4) n-Nitrosodimethylamine	4.31	42	38741	36.94	ng	88
6) Aniline	7.86	93	87879	26.61	ng	# 57
8) 2-Chlorophenol	8.02	128	93289	44.76	ng	87
9) Benzaldehyde	7.60	77	31049	18.31	ng	80
10) Phenol	7.62	94	119935	42.54	ng	86
11) bis(2-Chloroethyl)ether	7.86	93	87879	41.04	ng	98
12) 1,3-Dichlorobenzene	8.34	146	89774	40.49	ng	# 92
13) 1,4-Dichlorobenzene	8.49	146	93986	40.91	ng	90
14) 1,2-Dichlorobenzene	8.81	146	92069	41.33	ng	93
15) Benzyl Alcohol	8.69	79	16441	8.34	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	8.96	45	159624	34.95	ng	98
17) 2-Methylphenol	8.88	107	86192	43.21	ng	# 86
18) Hexachloroethane	9.54	117	31617	39.13	ng	86
19) n-Nitroso-di-n-propylamine	9.25	70	72614	35.03	ng	# 94
20) 3+4-Methylphenols	9.21	107	119067	41.40	ng	91
22) Acetophenone	9.27	105	137782	40.46	ng	# 88
24) Nitrobenzene	9.66	77	103505	39.11	ng	# 83
25) Isophorone	10.17	82	207828	37.66	ng	# 93
26) 2-Nitrophenol	10.37	139	52323	43.77	ng	# 81
27) 2,4-Dimethylphenol	10.42	122	102273	45.67	ng	93
28) bis(2-Chloroethoxy)methane	10.65	93	113969	36.43	ng	# 98
29) 2,4-Dichlorophenol	10.91	162	100117	51.02	ng	96
30) 1,2,4-Trichlorobenzene	11.13	180	89776	44.86	ng	98
31) Naphthalene	11.32	128	298491	39.78	ng	99
32) Benzoic acid	10.53	122	41620	33.66	ng	# 78
33) 4-Chloroaniline	11.32	127	41256	12.73	ng	# 31
34) Hexachlorobutadiene	11.59	225	54202	48.61	ng	95
35) Caprolactam	12.21	113	19646	19.90	ng	99
36) 4-Chloro-3-methylphenol	12.51	107	121653	44.06	ng	# 87
37) 2-Methylnaphthalene	12.89	142	234956	42.04	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.25	216	112335	44.86	ng	98
40) Hexachlorocyclopentadiene	13.22	237	150193	127.21	ng	96

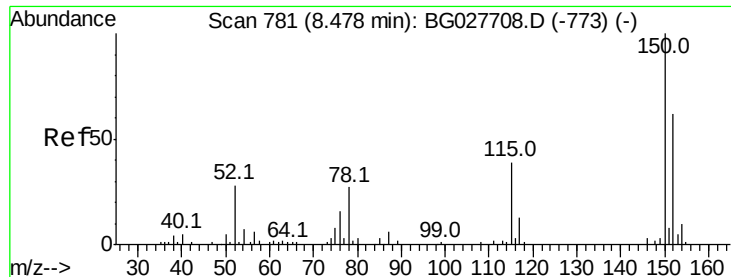
Data Path : Z:\HPCHEM1\BNA G\DATA\BG070317\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.48	196	88960	49.19	nq	92
43) 2,4,5-Trichlorophenol	13.57	196	96293	46.99	nq	93
45) 1,1'-Biphenyl	13.88	154	318478	41.70	nq	99
46) 2-Chloronaphthalene	13.93	162	241301	41.82	nq	97
47) 2-Nitroaniline	14.13	65	95677	41.43	nq	# 84
48) Acenaphthylene	14.77	152	420848	39.92	nq	97
49) Dimethylphthalate	14.48	163	364963	44.90	nq	97
50) 2,6-Dinitrotoluene	14.61	165	76975	43.56	nq	# 83
51) Acenaphthene	15.11	154	259245	38.36	nq	94
52) 3-Nitroaniline	14.96	138	63890	30.73	nq	81
53) 2,4-Dinitrophenol	15.15	184	100682	101.26	nq	96
54) Dibenzofuran	15.44	168	404436	45.26	nq	98
55) 4-Nitrophenol	15.25	139	130192	82.04	nq	# 63
56) 2,4-Dinitrotoluene	15.40	165	115732	46.95	nq	# 86
57) Fluorene	16.09	166	358093	41.33	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.66	232	91215	51.63	nq	94
59) Diethylphthalate	15.83	149	400584	44.50	nq	96
60) 4-Chlorophenyl-phenylether	16.07	204	176480	46.02	nq	96
61) 4-Nitroaniline	16.11	138	86917	40.13	nq	# 72
62) Azobenzene	16.36	77	327479	41.40	nq	92
64) 4,6-Dinitro-2-methylphenol	16.16	198	69664	45.86	nq	86
65) n-Nitrosodiphenylamine	16.29	169	327322	41.05	nq	97
66) 4-Bromophenyl-phenylether	16.97	248	121572	47.42	nq	95
67) Hexachlorobenzene	17.10	284	129652	47.75	nq	91
68) Atrazine	17.23	200	96909	38.49	nq	97
69) Pentachlorophenol	17.44	266	156925	89.71	nq	98
70) Phenanthrene	17.84	178	600302	42.42	nq	95
71) Anthracene	17.92	178	605748	42.39	nq	97
72) Carbazole	18.19	167	531865	37.79	nq	96
73) Di-n-butylphthalate	18.72	149	674815	43.63	nq	# 93
74) Fluoranthene	19.83	202	688804	44.54	nq	95
76) Benzidine	20.03	184	48368	10.47	nq	94
77) Pyrene	20.19	202	694897	42.35	nq	95
79) Butylbenzylphthalate	21.06	149	295896	40.04	nq	89
80) Benzo(a)anthracene	22.13	228	665940	42.13	nq	93
81) 3,3'-Dichlorobenzidine	22.03	252	196114	34.19	nq	96
82) Chrysene	22.20	228	618600	41.75	nq	94
83) Bis(2-ethylhexyl)phthalate	21.98	149	426219	39.47	nq	96
84) Di-n-octyl phthalate	23.31	149	719595	40.33	nq	# 89
85) Indeno(1,2,3-cd)pyrene	29.88	276	792799	46.82	nq	# 91
87) Benzo(b)fluoranthene	24.59	252	671117	40.77	nq	# 95
88) Benzo(k)fluoranthene	24.66	252	664644	40.85	nq	# 95
89) Benzo(a)pyrene	25.57	252	645292	41.78	nq	# 96
90) Dibenzo(a,h)anthracene	29.93	278	668468	42.72	nq	# 96
91) Benzo(g,h,i)perylene	31.16	276	632532	42.06	nq	# 91

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

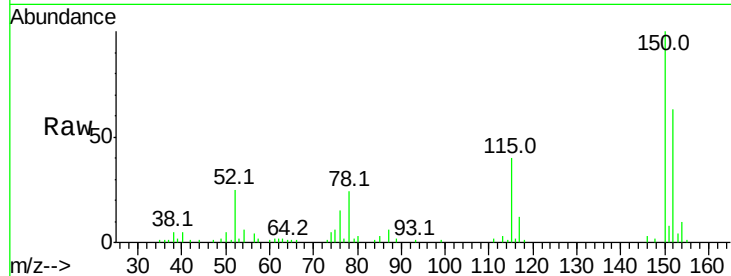


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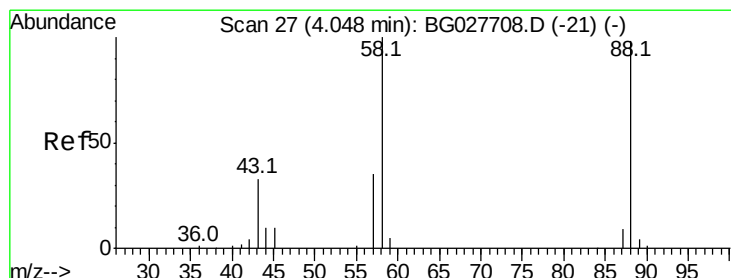
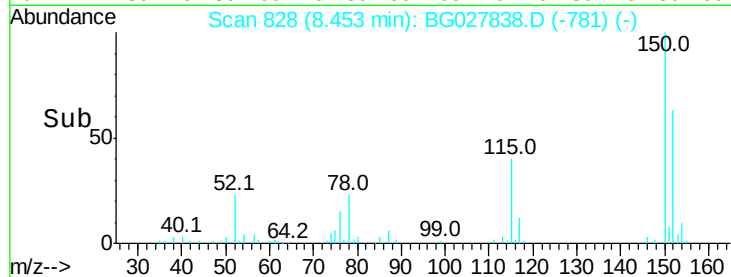
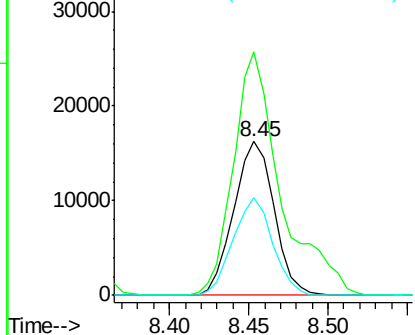
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.45 min Scan# 828
Delta R.T. -0.02 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

Instrument :
BNA_G
ClientSampleId :

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



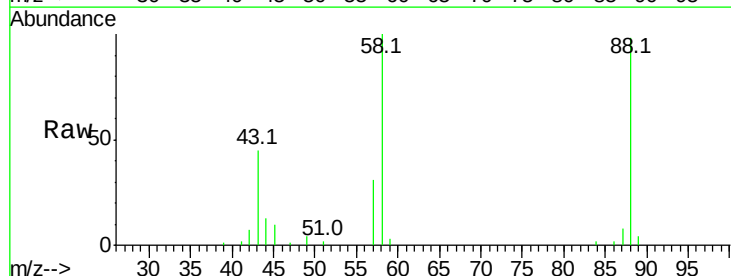
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



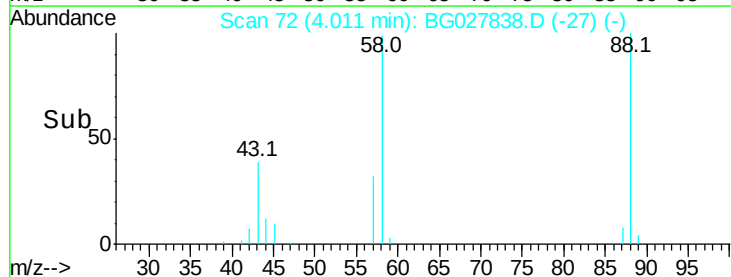
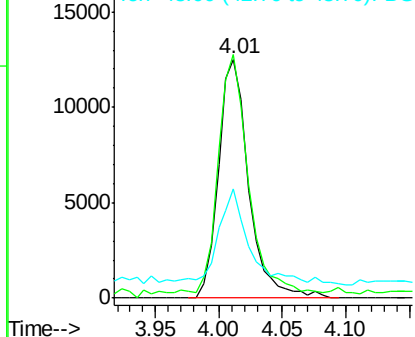
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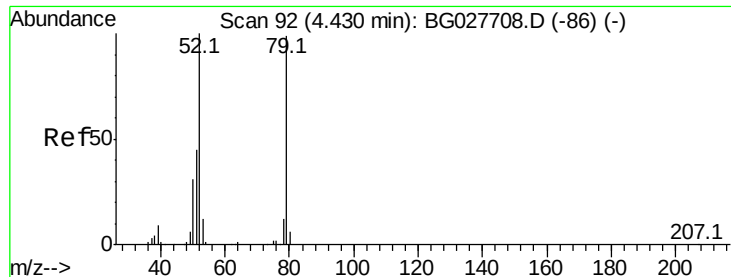
1,4-Dioxane
Concen: 29.77 ng
RT: 4.01 min Scan# 72
Delta R.T. -0.04 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

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

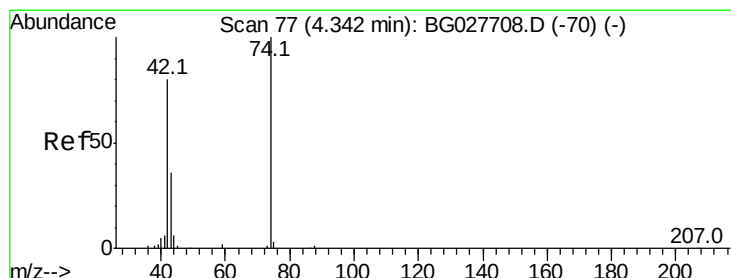
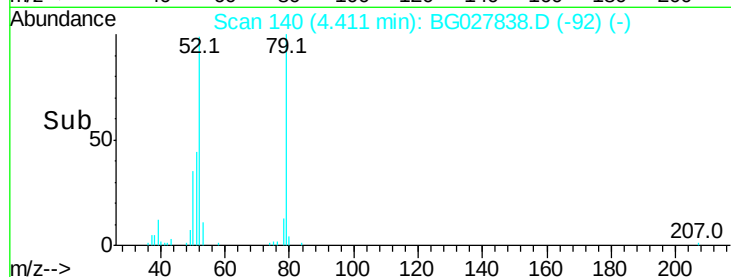
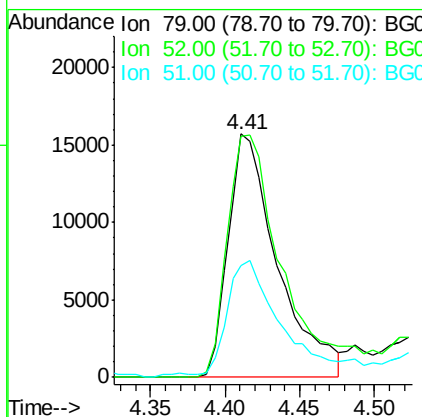
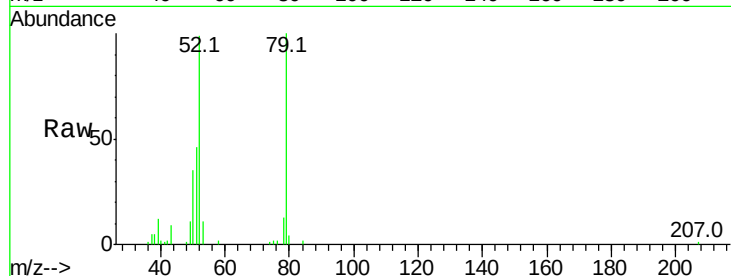




#3
 Pvridine
 Concen: 16.92 ng
 RT: 4.41 min Scan# 140
 Delta R.T. -0.02 min
 Lab File: BG027838.D
 Acq: 3 Jul 2017 18:54

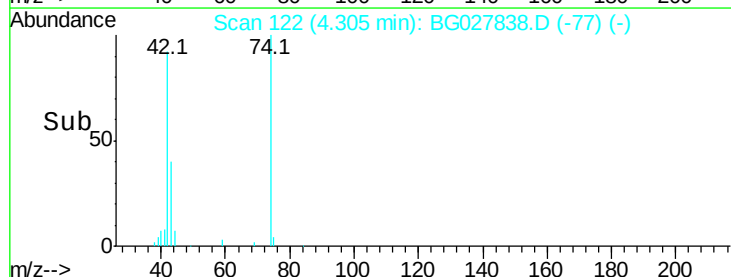
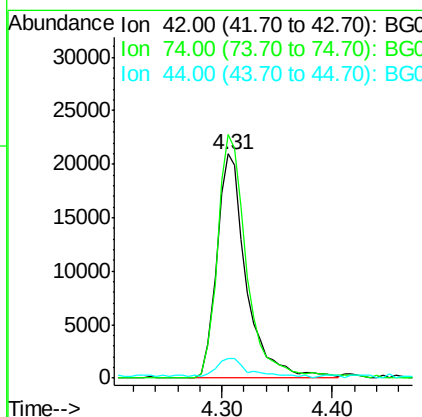
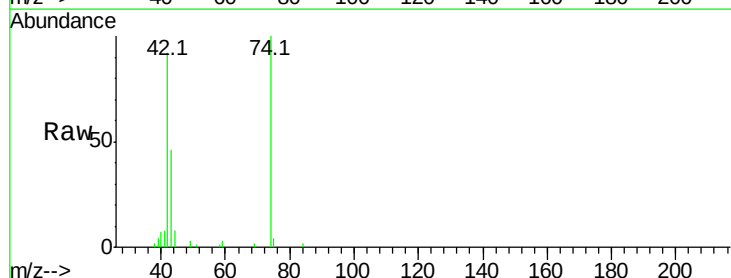
Instrument :
 BNA_G
 ClientSampled :

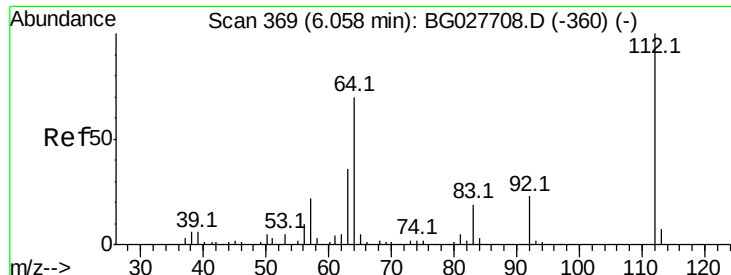
Tot Ion: 79 Resp: 36175
 Ion Ratio Lower Upper
 79 100
 52 99.0 77.8 116.6
 51 45.8 43.2 64.8



#4
 n-Nitrosodimethylamine
 Concen: 36.94 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

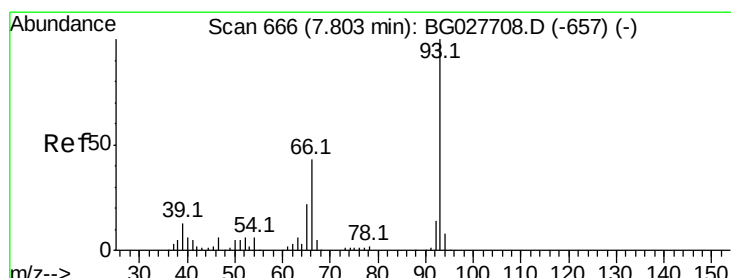
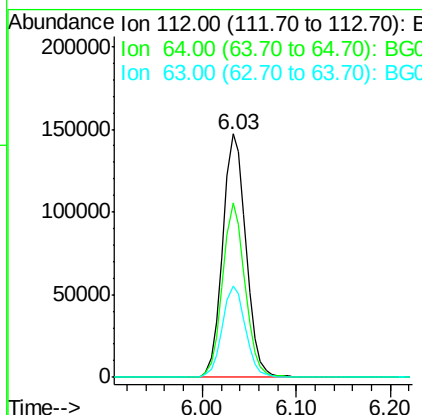
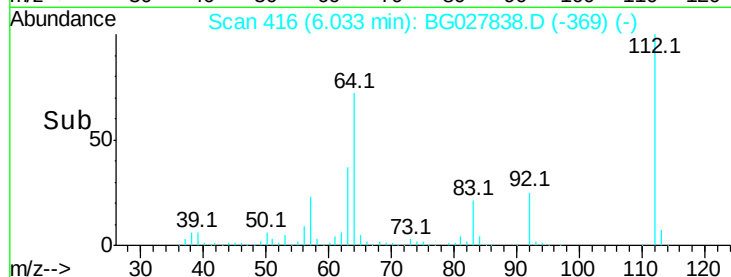
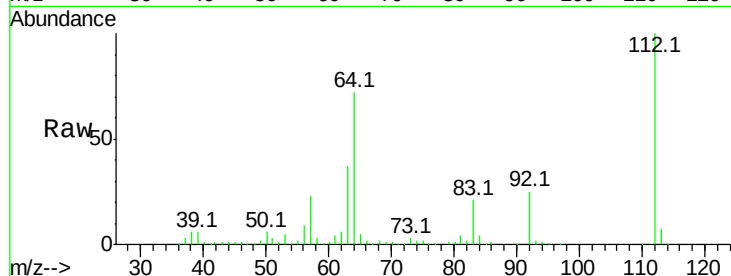




#5
 2-Fluorophenol
 Concen: 135.95 ng
 RT: 6.03 min Scan# 416
 Delta R.T. -0.02 min
 Lab File: BG027838.D
 Acq: 3 Jul 2017 18:54

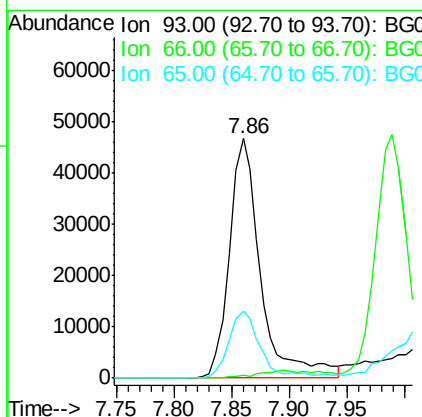
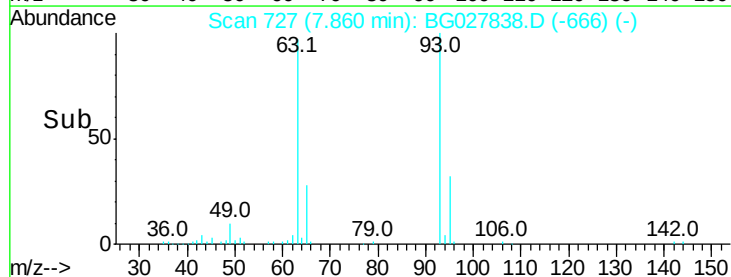
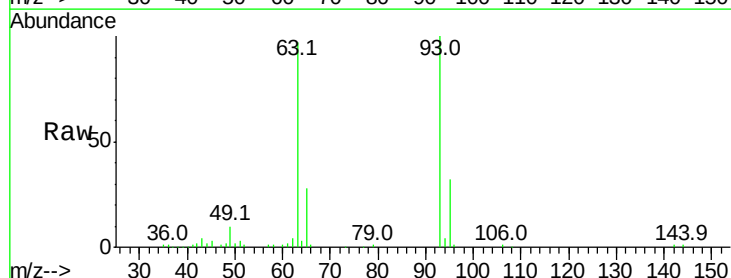
Instrument :
 BNA_G
 ClientSampleId :

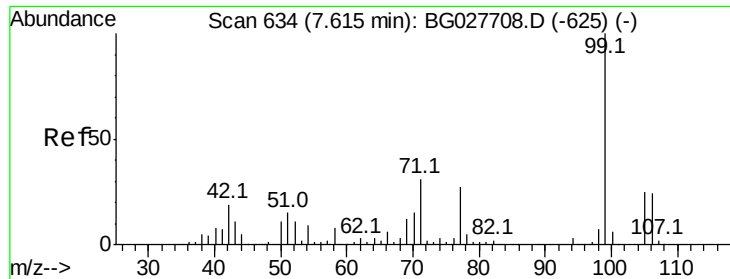
Tot Ion:	112	Resp:	253581
Ion	Ratio	Lower	Upper
112	100		
64	71.8	61.8	92.6
63	37.4	37.2	55.8



#6
 Aniline
 Concen: 26.61 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





#7

Phenol-d6

Concen: 125.02 ng

RT: 7.60 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

Instrument :

BNA_G

ClientSampled :

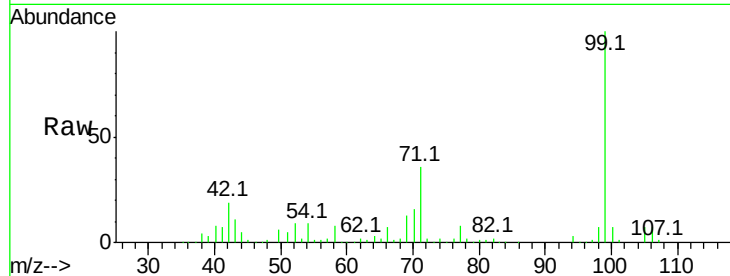
Tot Ion: 99 Resp: 356256

Ion Ratio Lower Upper

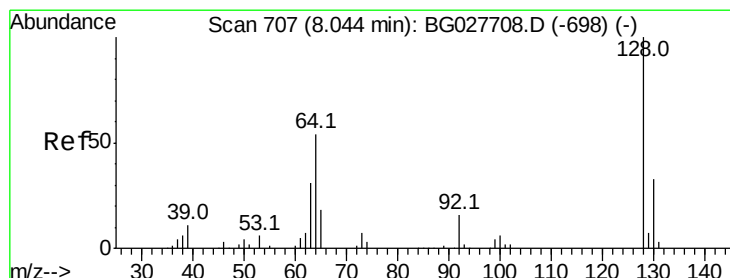
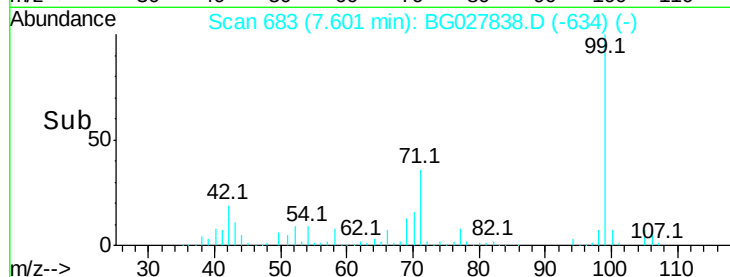
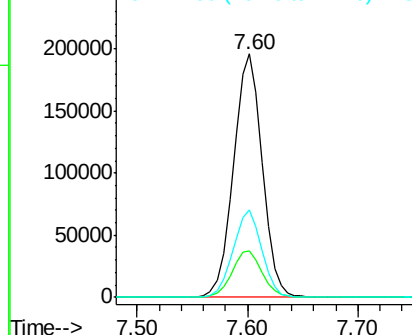
99 100

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: 44.76 ng

RT: 8.02 min Scan# 754

Delta R.T. -0.02 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

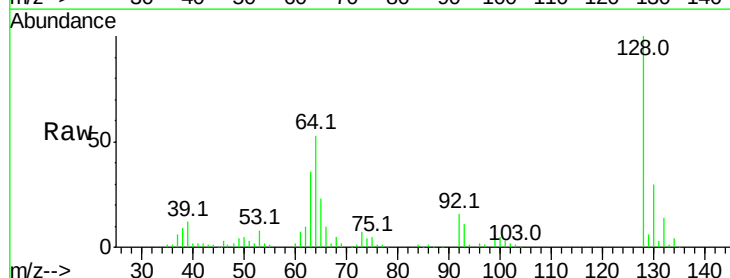
Tgt Ion: 128 Resp: 93289

Ion Ratio Lower Upper

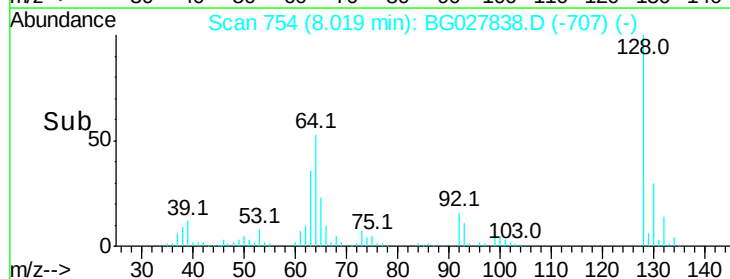
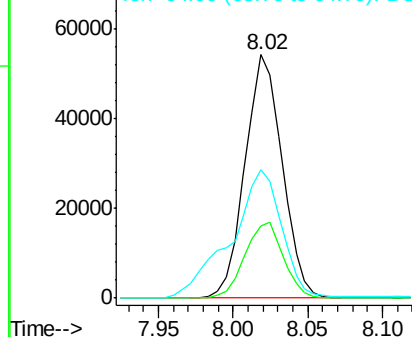
128 100

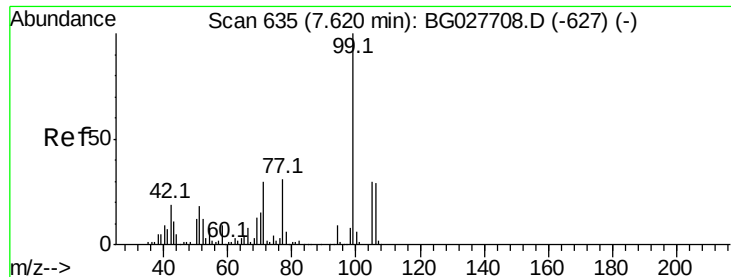
130 29.8 11.4 51.4

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: 18.31 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 :

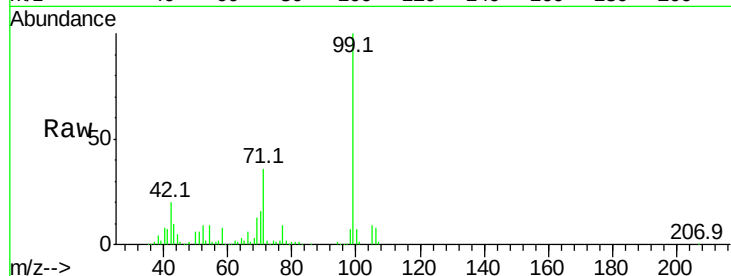
Tot Ion: 77 Resp: 31049

Ion Ratio Lower Upper

77 100

105 100.6 60.9 100.9

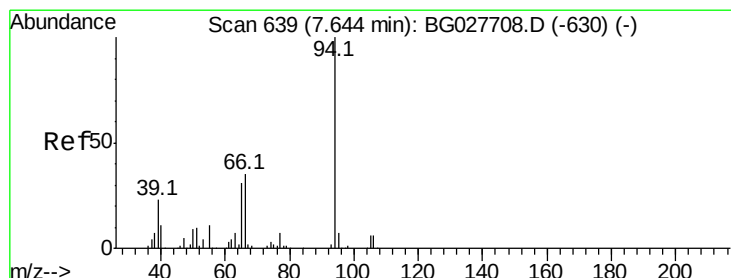
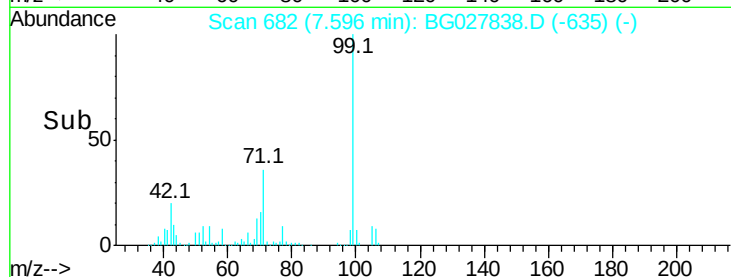
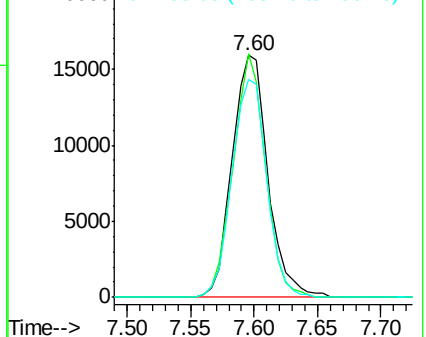
106 90.0 55.1 95.1



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 42.54 ng

RT: 7.62 min Scan# 687

Delta R.T. -0.02 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

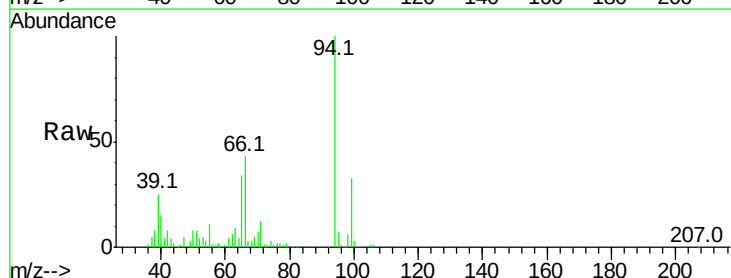
Tgt Ion: 94 Resp: 119935

Ion Ratio Lower Upper

94 100

65 34.4 20.6 60.6

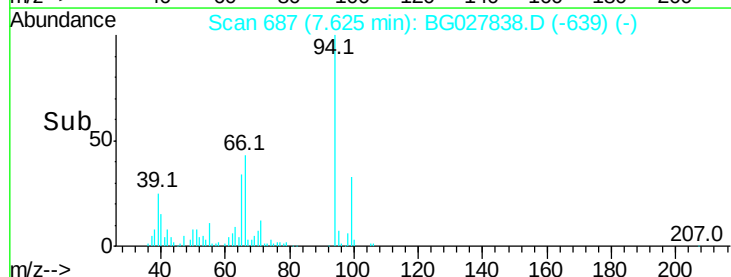
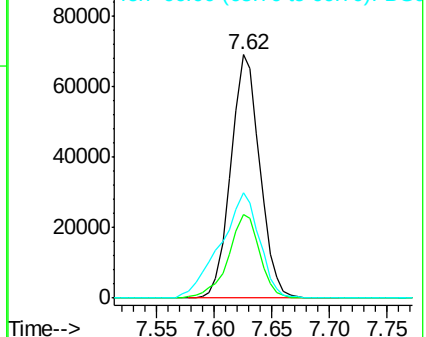
66 43.1 35.5 75.5

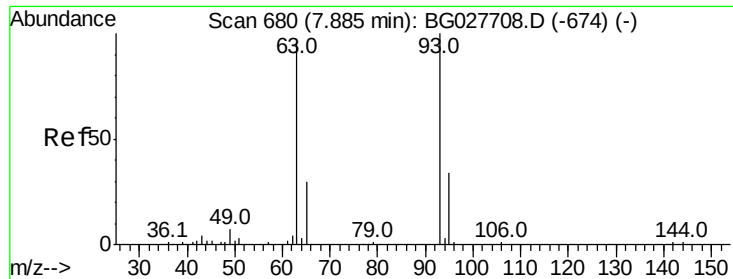


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 41.04 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 :

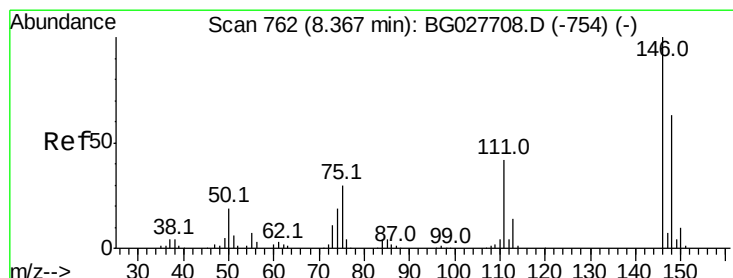
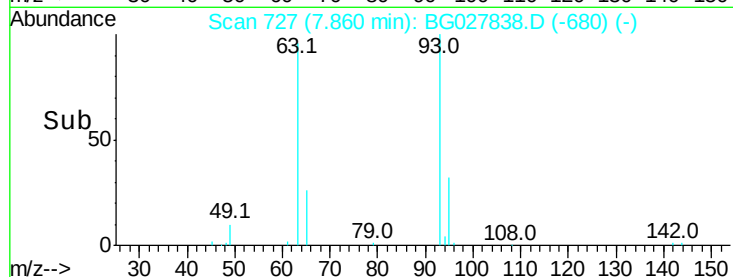
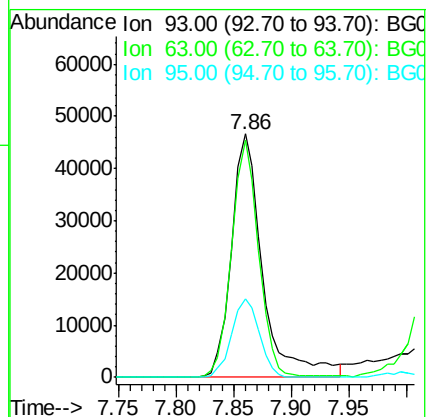
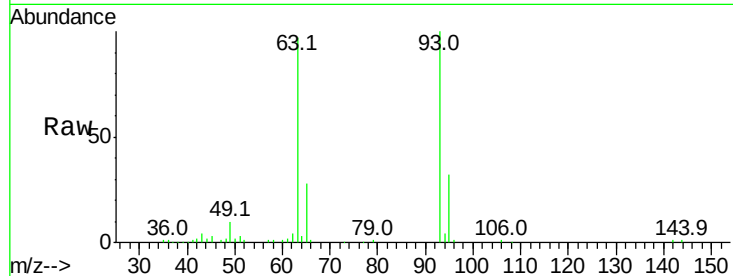
Tot Ion: 93 Resp: 87879

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: 40.49 ng

RT: 8.34 min Scan# 809

Delta R.T. -0.02 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

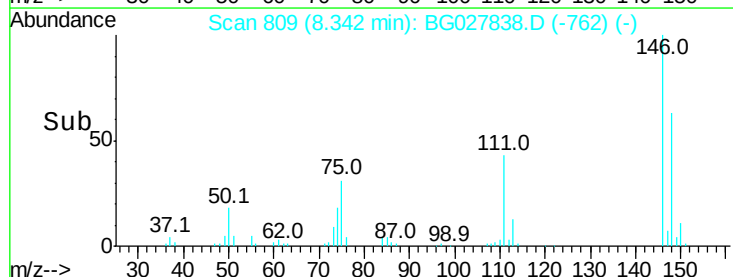
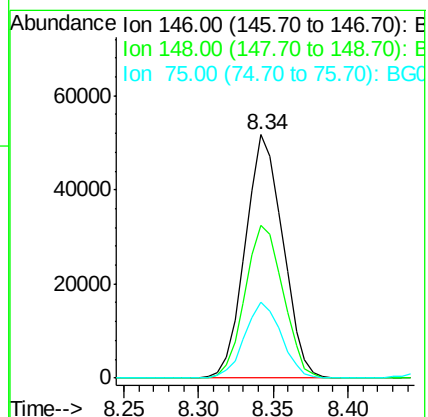
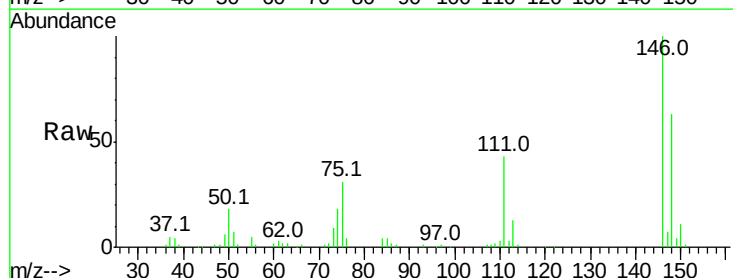
Tgt Ion: 146 Resp: 89774

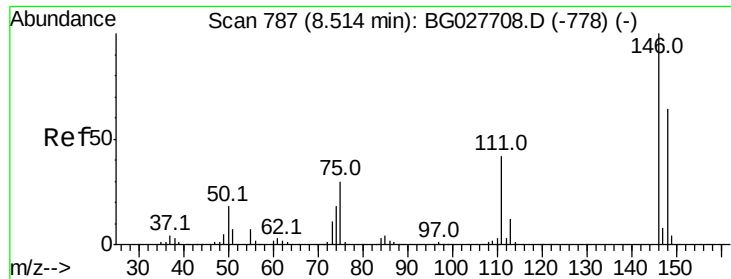
Ion Ratio Lower Upper

146 100

148 62.7 49.2 73.8

75 31.0 33.4 50.2#

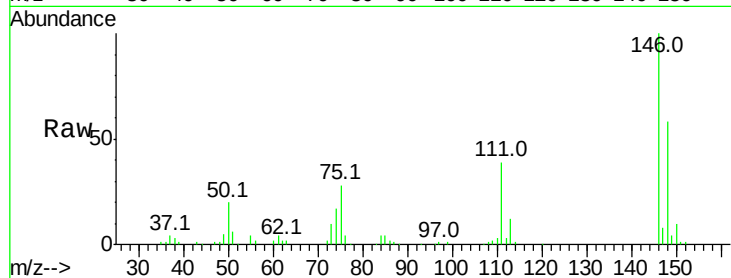




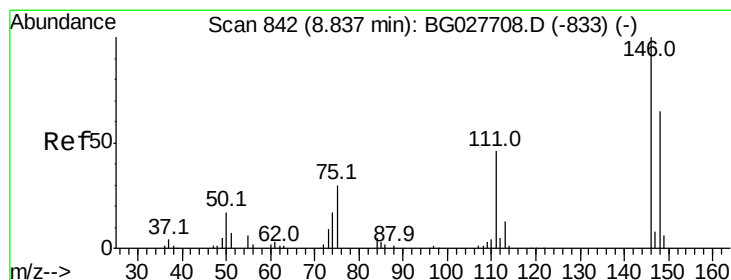
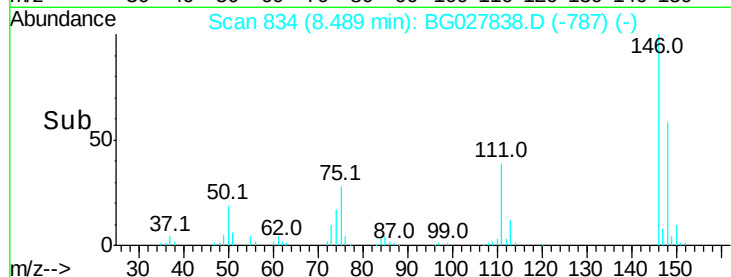
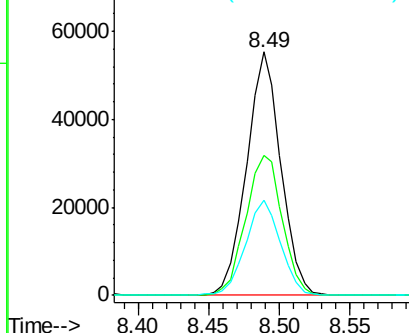
#13
 1,4-Dichlorobenzene
 Concen: 40.91 ng
 RT: 8.49 min Scan# 834
 Delta R.T. -0.02 min
 Lab File: BG027838.D
 Acq: 3 Jul 2017 18:54

Instrument :
 BNA_G
 ClientSampleId :

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

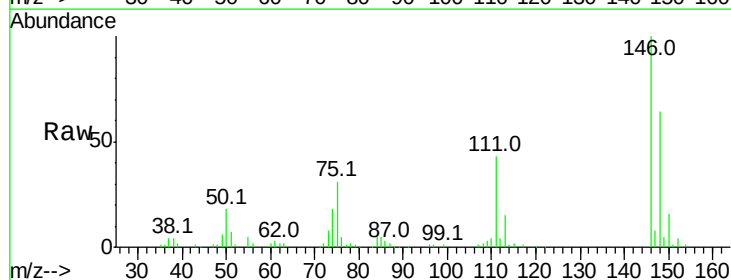


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

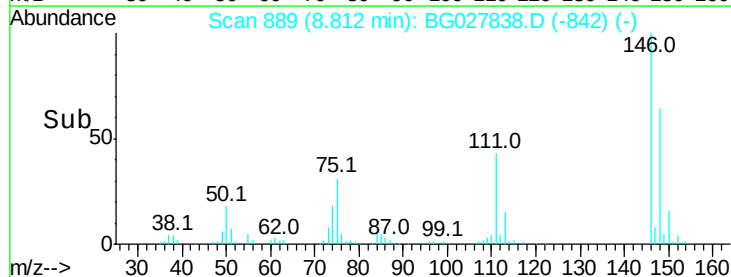
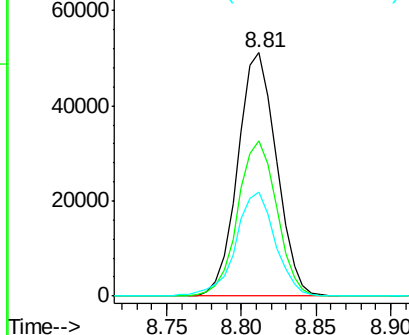


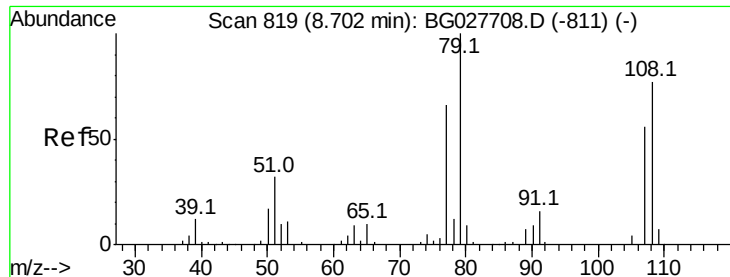
#14
 1,2-Dichlorobenzene
 Concen: 41.33 ng
 RT: 8.81 min Scan# 889
 Delta R.T. -0.02 min
 Lab File: BG027838.D
 Acq: 3 Jul 2017 18:54

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: 8.34 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

ClientSampled :

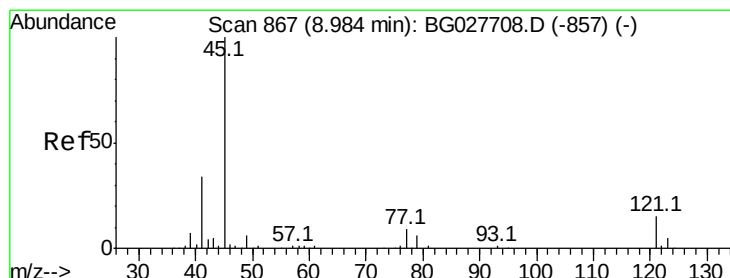
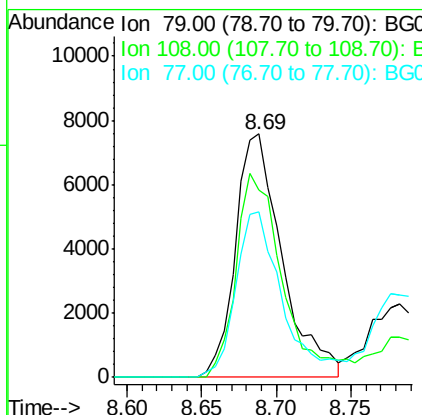
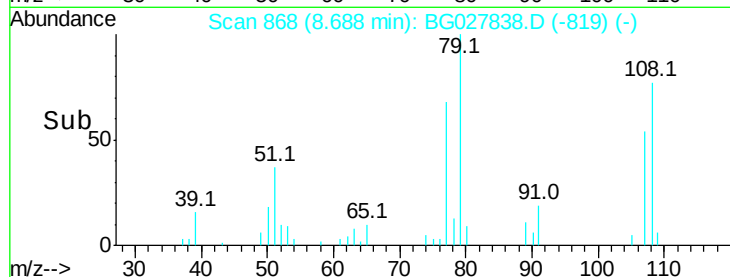
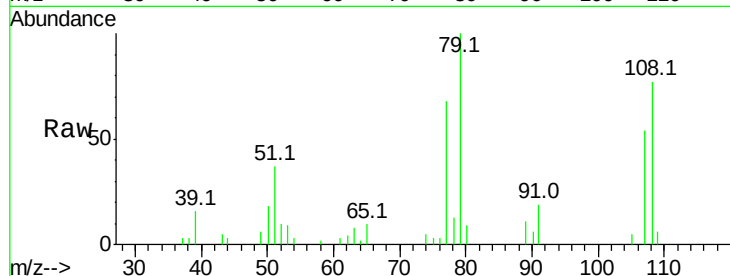
Tot Ion: 79 Resp: 16441

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: 34.95 ng

RT: 8.96 min Scan# 914

Delta R.T. -0.02 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

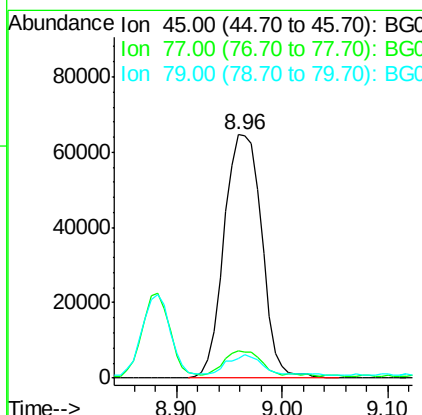
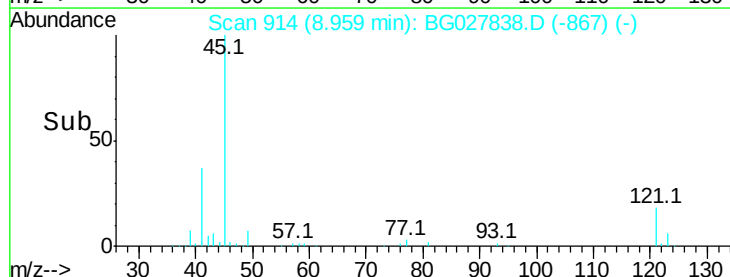
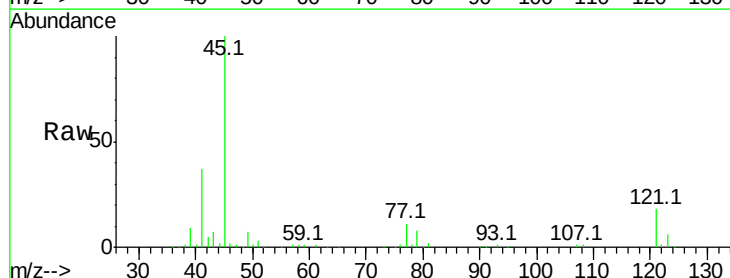
Tgt Ion: 45 Resp: 159624

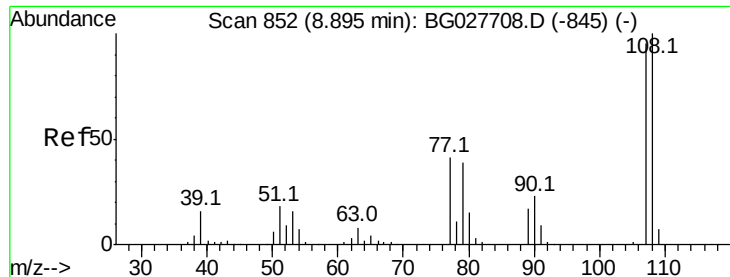
Ion Ratio Lower Upper

45 100

77 11.4 0.0 30.6

79 8.0 0.0 28.5

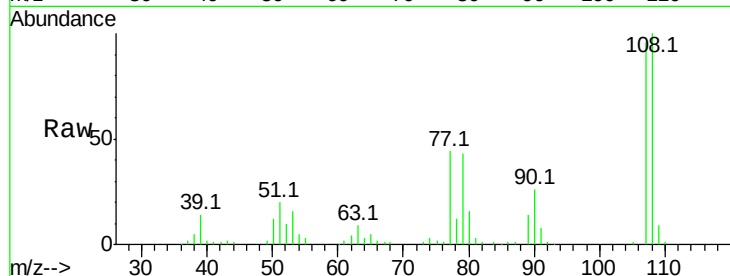




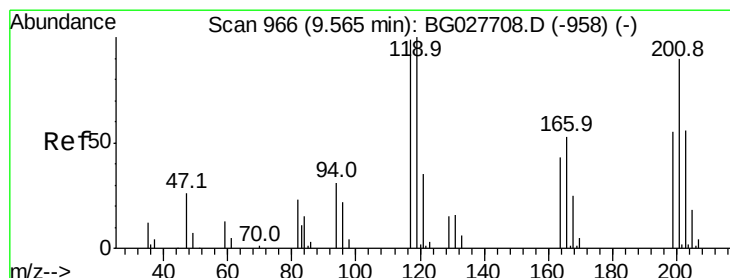
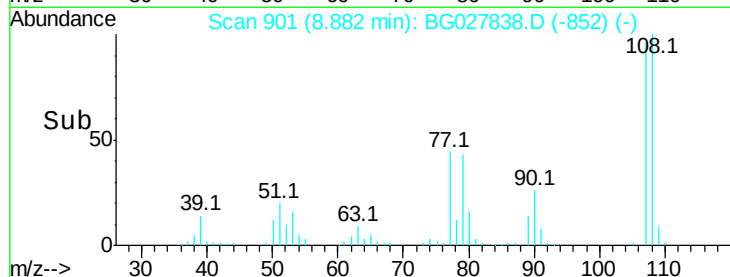
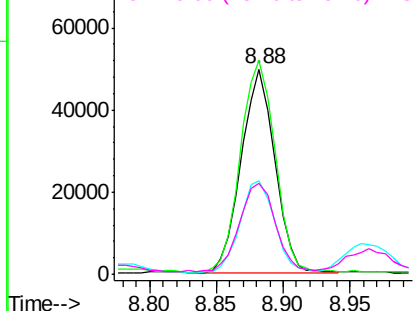
#17
2-Methylphenol
Concen: 43.21 ng
RT: 8.88 min Scan# 901
Delta R.T. -0.01 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

Instrument :
BNA_G
ClientSampleId :

Tot 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#

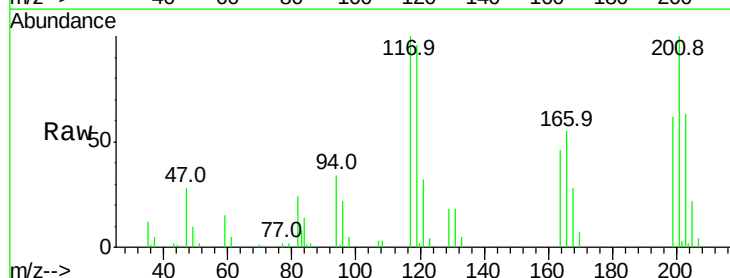


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

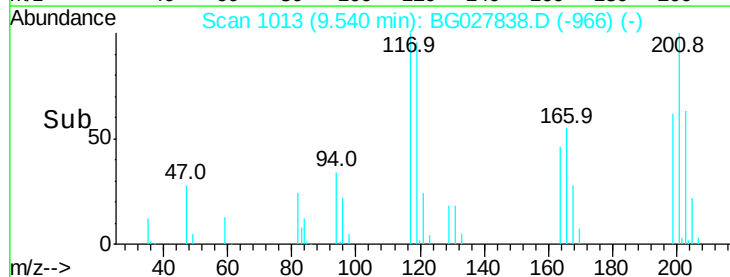
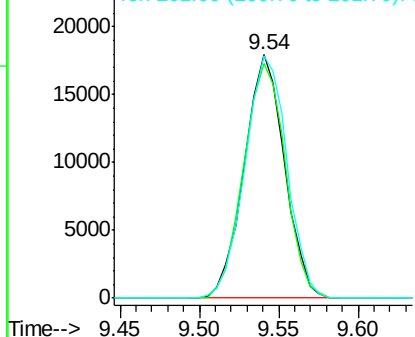


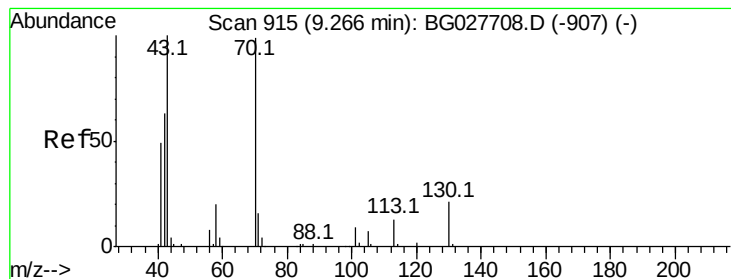
#18
Hexachloroethane
Concen: 39.13 ng
RT: 9.54 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

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: 35.03 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 :

Tot Ion: 70 Resp: 72614

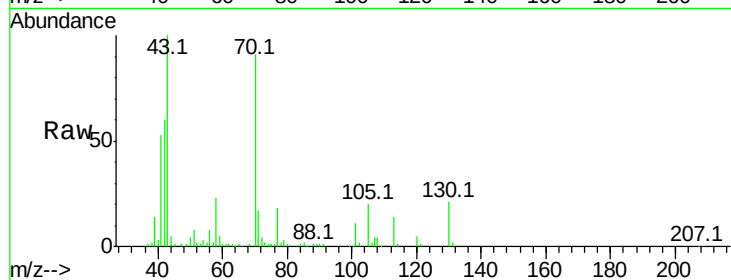
Ion Ratio Lower Upper

70 100

42 66.1 56.1 84.1

101 11.5 7.5 11.3#

130 23.5 14.6 21.8#



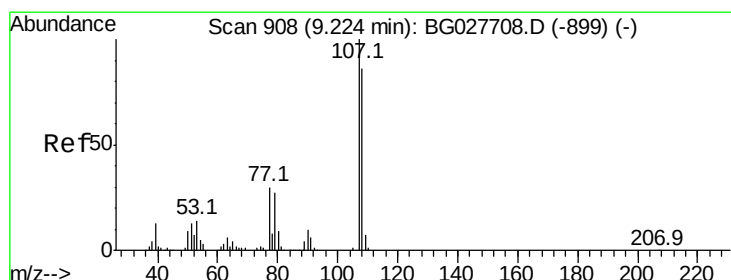
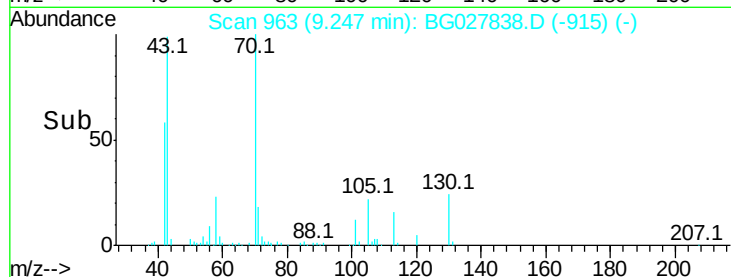
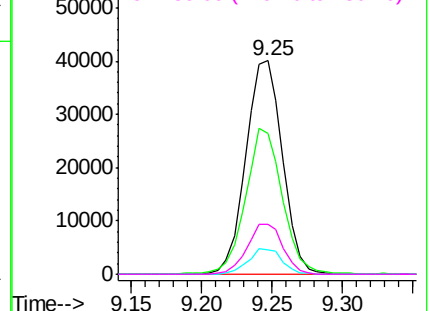
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 41.40 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

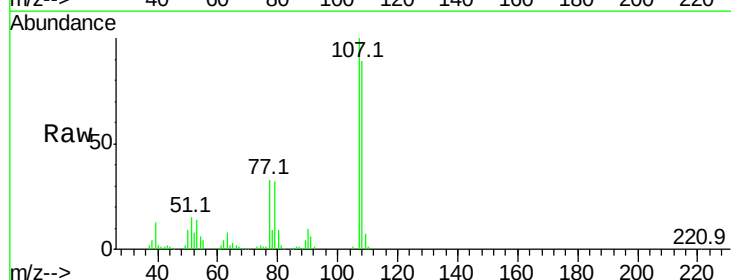
Ion Ratio Lower Upper

107 100

108 89.4 70.8 110.8

77 33.1 25.8 65.8

79 31.7 20.1 60.1



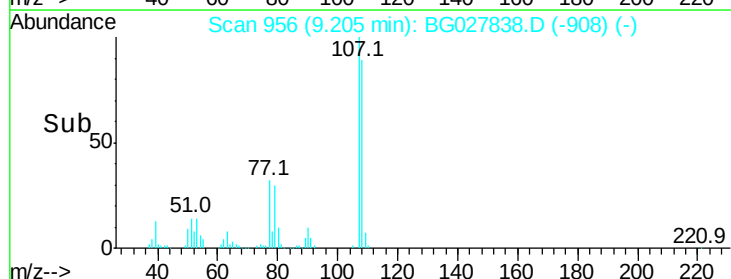
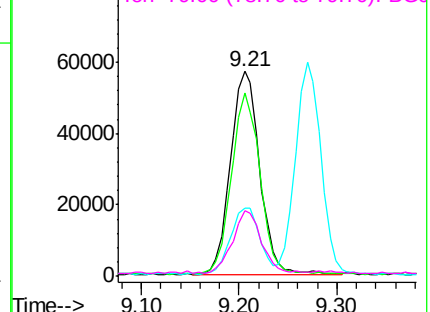
Abundance

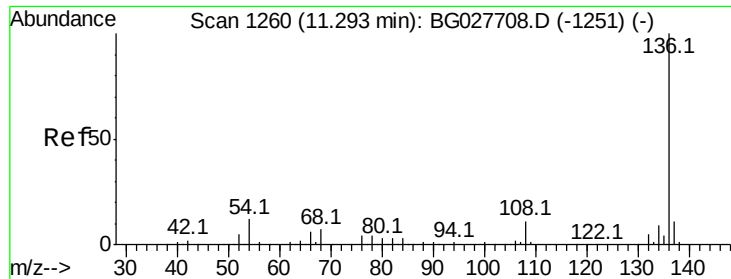
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

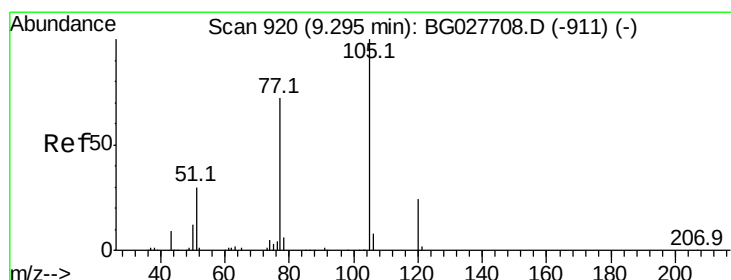
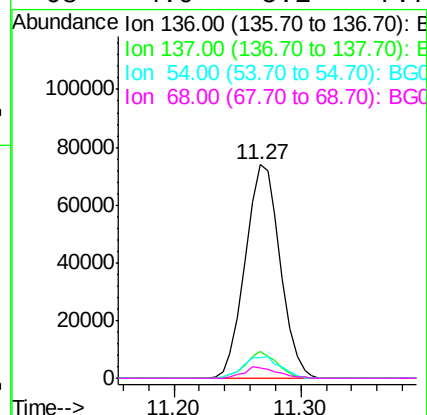
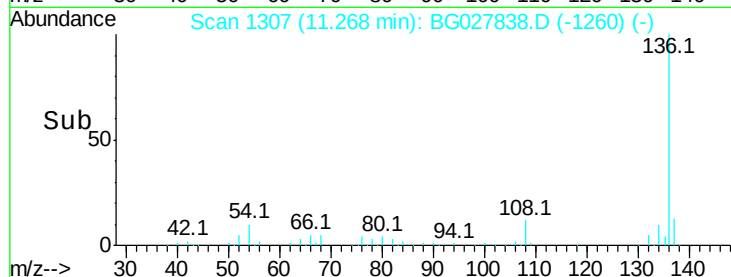
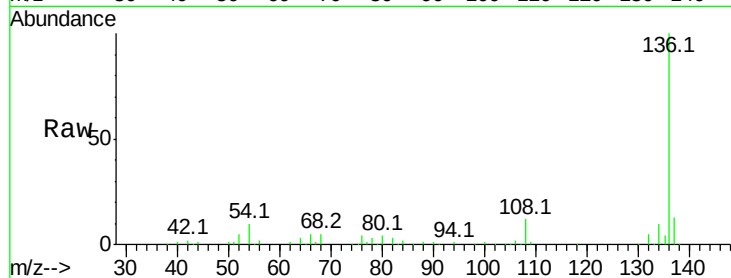




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.27 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

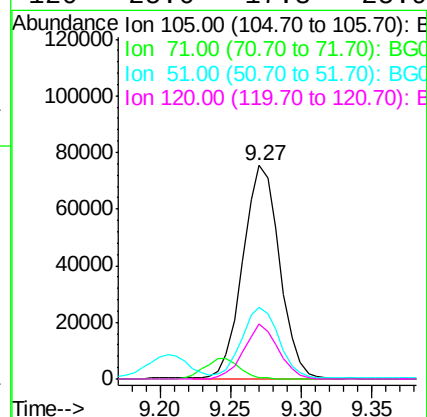
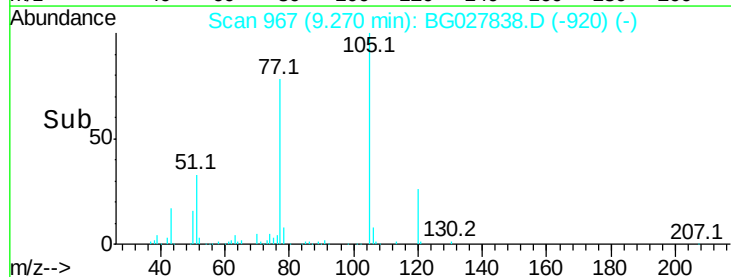
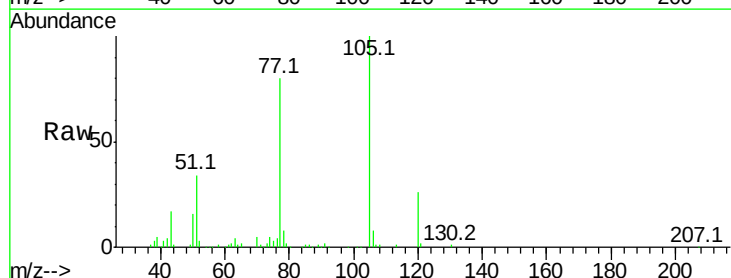
Instrument :
BNA_G
ClientSampleId :

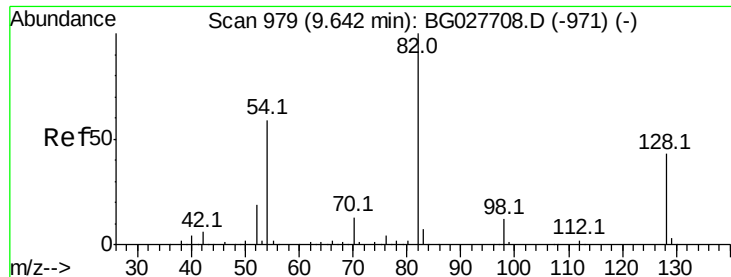
Tot Ion:	136	Resp:	141113
Ion	Ratio	Lower	Upper
136	100		
137	12.6	8.9	13.3
54	9.6	9.3	13.9
68	4.9	5.1	7.7#



#22
Acetophenone
Concen: 40.46 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

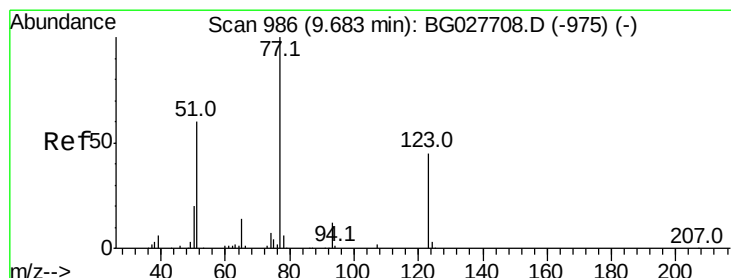
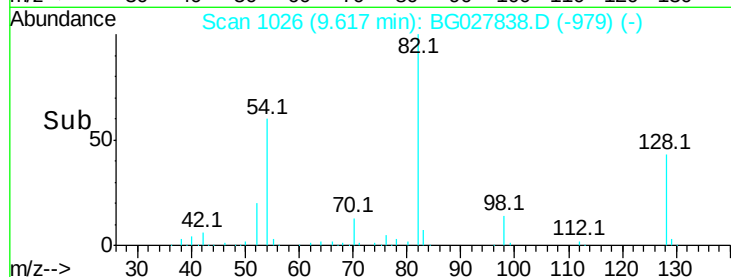
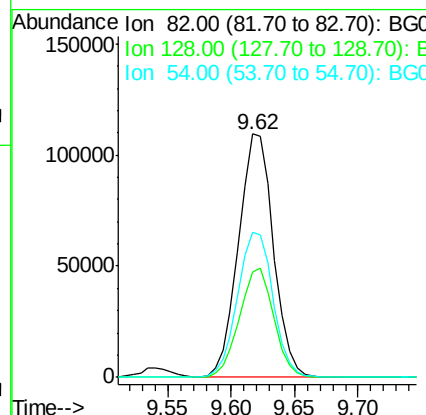
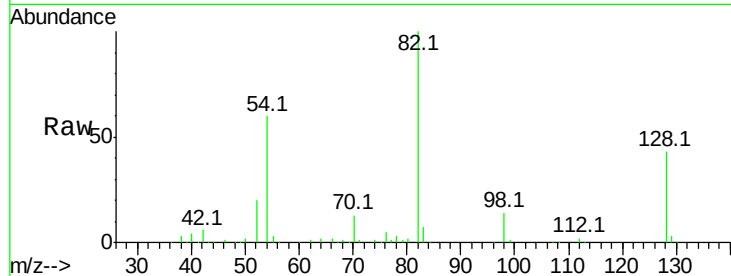




#23
 Nitrobenzene-d5
 Concen: 82.64 ng
 RT: 9.62 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BG027838.D
 Acq: 3 Jul 2017 18:54

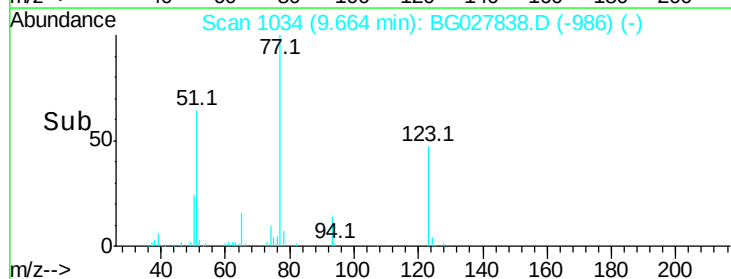
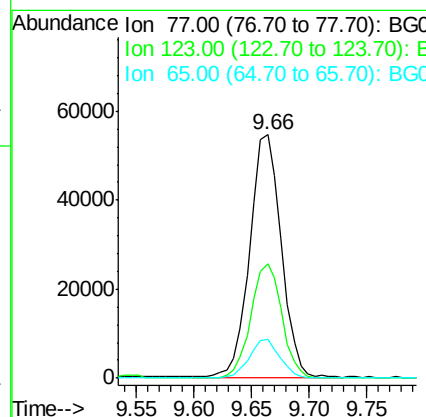
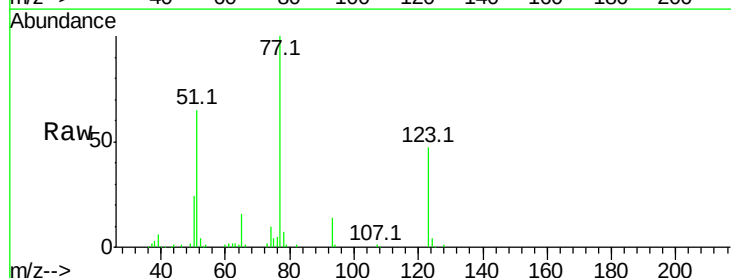
Instrument :
 BNA_G
 ClientSampled :

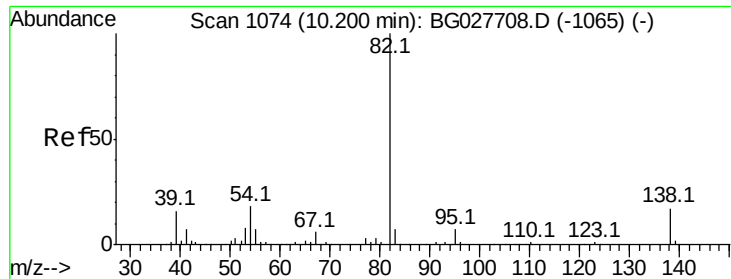
Tot Ion: 82 Resp: 209212
 Ion Ratio Lower Upper
 82 100
 128 43.5 26.4 39.6#
 54 59.5 49.4 74.2



#24
 Nitrobenzene
 Concen: 39.11 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: 37.66 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 :

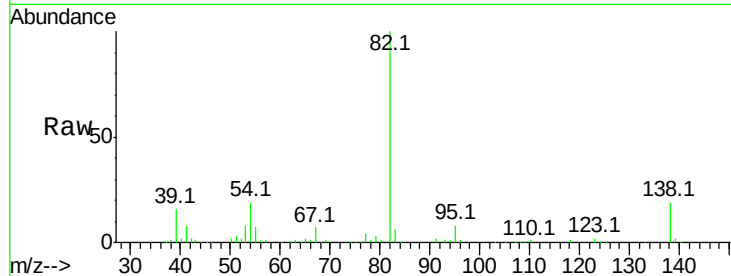
Tot Ion: 82 Resp: 207828

Ion Ratio Lower Upper

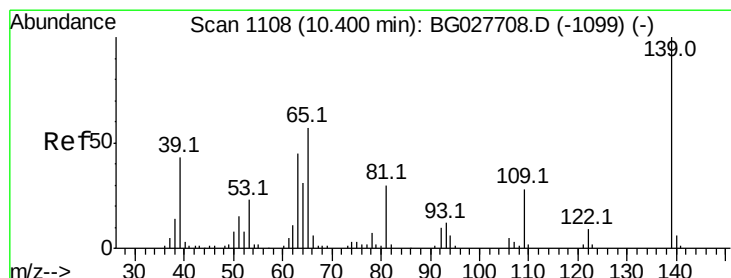
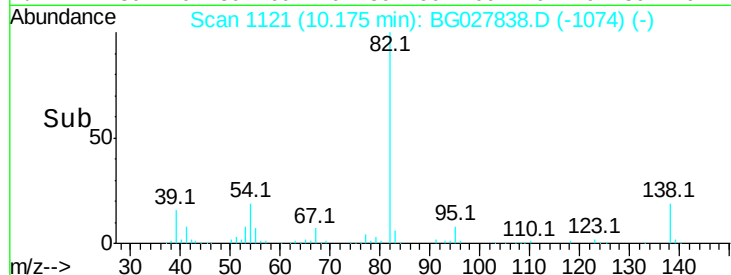
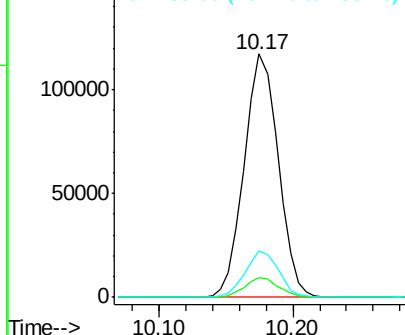
82 100

95 8.1 7.5 11.3

138 18.9 12.3 18.5#



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



#26

2-Nitrophenol

Concen: 43.77 ng

RT: 10.37 min Scan# 1155

Delta R.T. -0.02 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

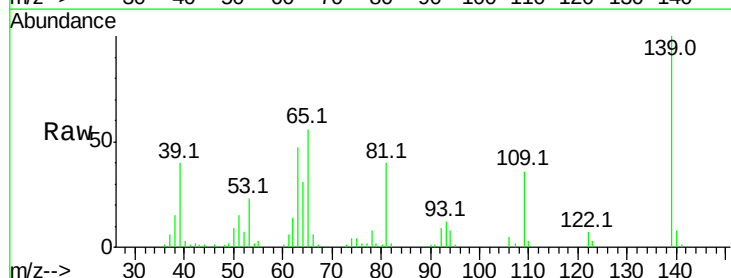
Tgt Ion:139 Resp: 52323

Ion Ratio Lower Upper

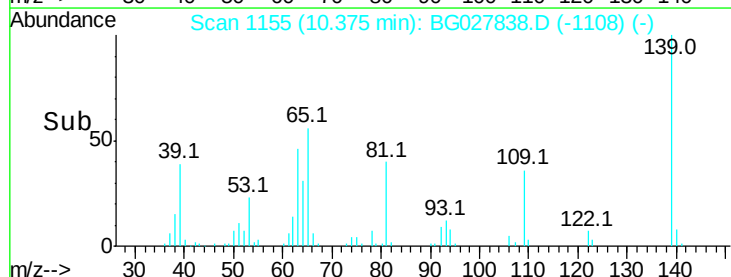
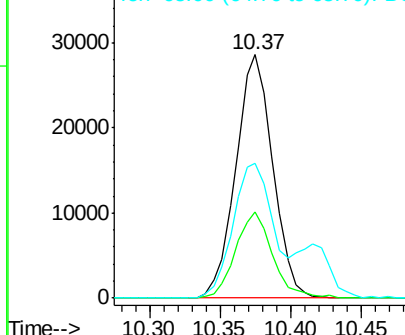
139 100

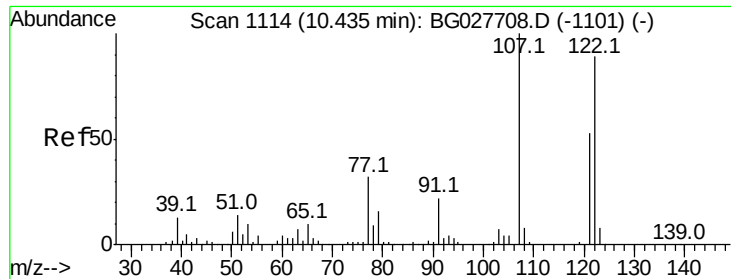
109 35.6 38.6 58.0#

65 55.5 57.1 85.7#



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

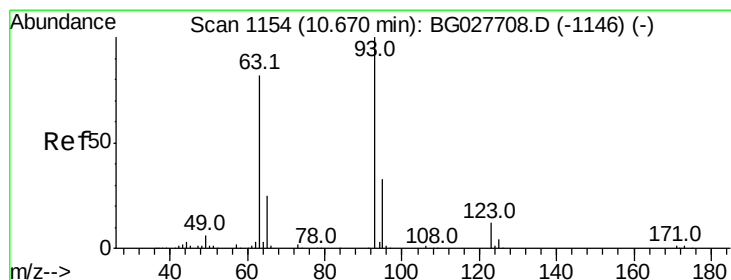
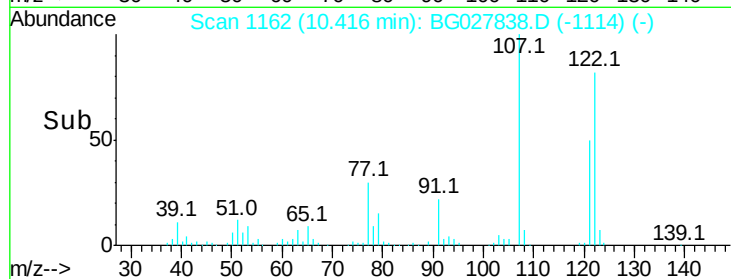
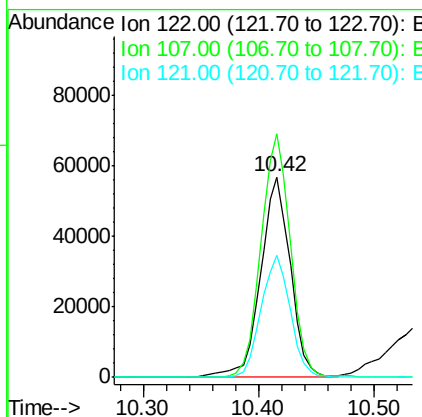
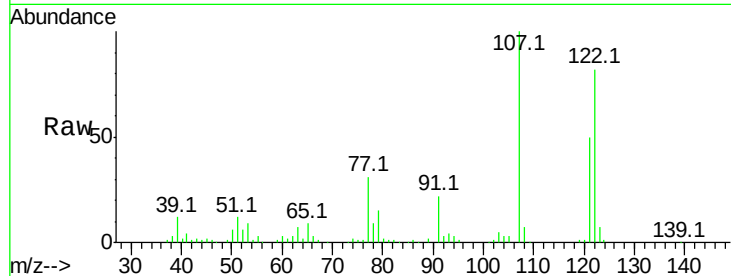




#27
2,4-Dimethylphenol
Concen: 45.67 ng
RT: 10.42 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

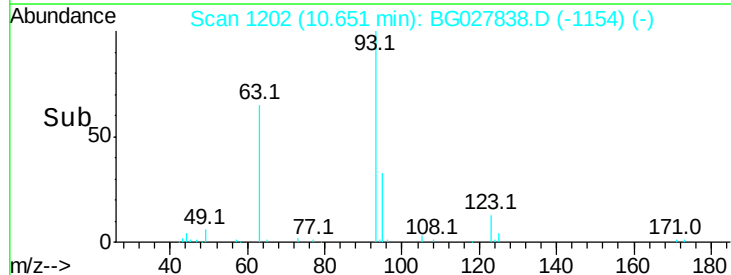
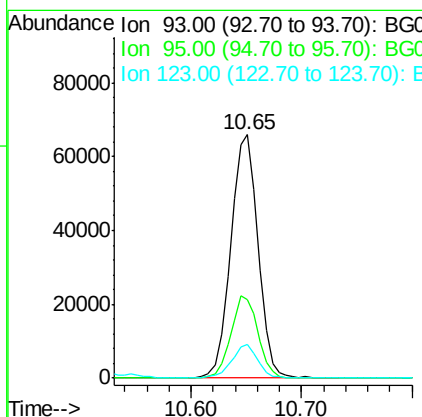
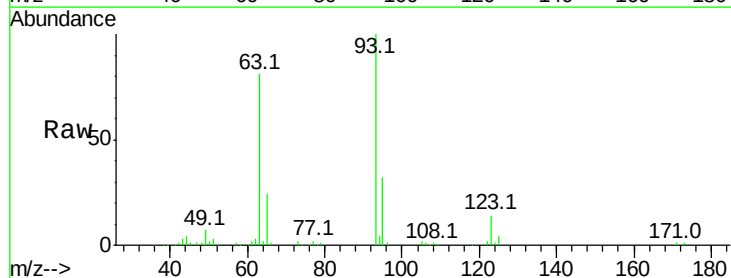
Instrument :
BNA_G
ClientSampled :

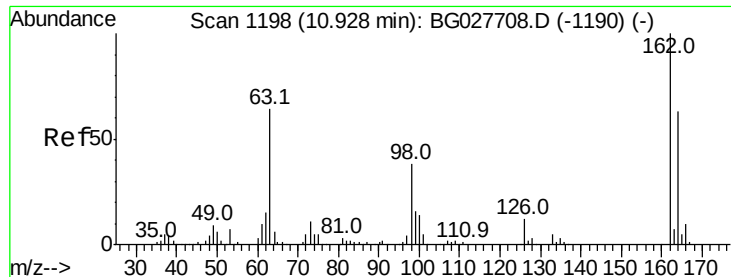
Tot Ion:122 Resp: 102273
Ion Ratio Lower Upper
122 100
107 121.3 104.2 156.4
121 61.1 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 36.43 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#

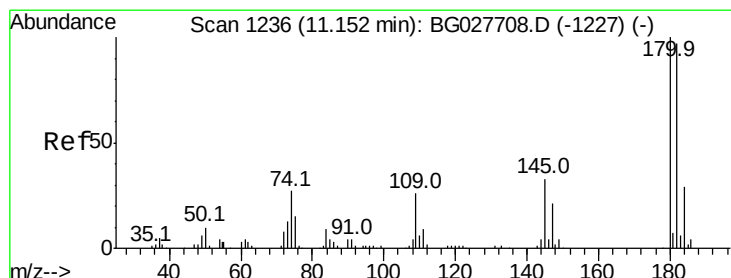
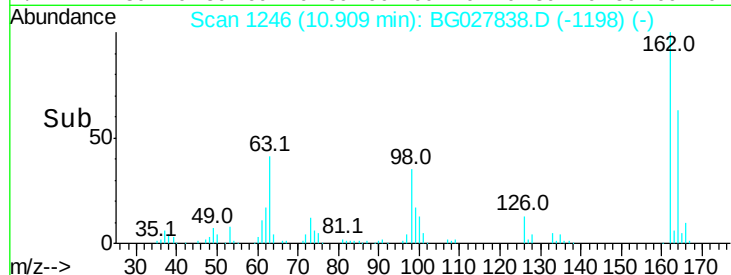
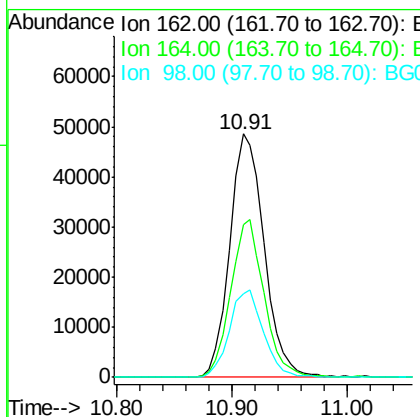
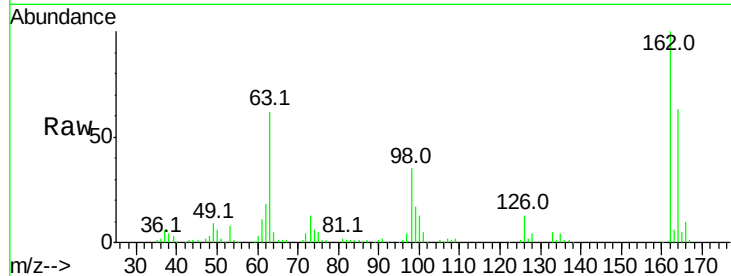




#29
 2,4-Dichlorophenol
 Concen: 51.02 ng
 RT: 10.91 min Scan# 1246
 Delta R.T. -0.02 min
 Lab File: BG027838.D
 Acq: 3 Jul 2017 18:54

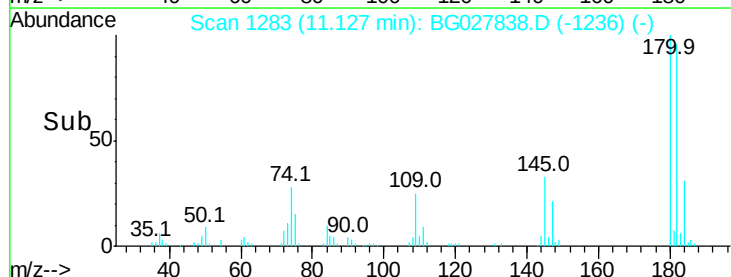
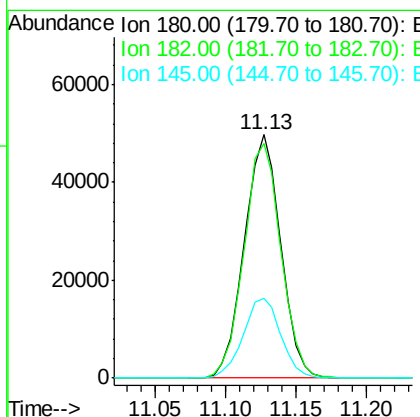
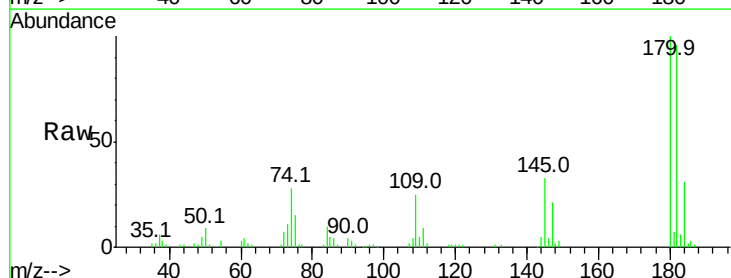
Instrument :
 BNA_G
 ClientSampleId :

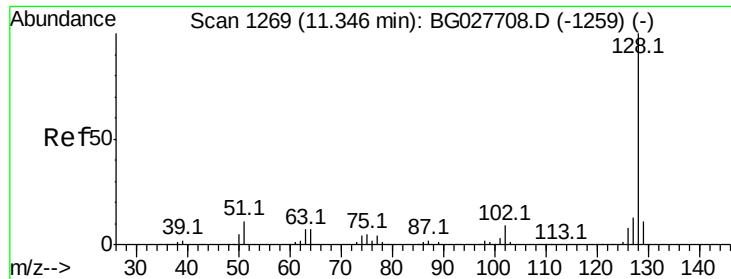
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	42.4	82.4
98	34.5	20.3	60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 44.86 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

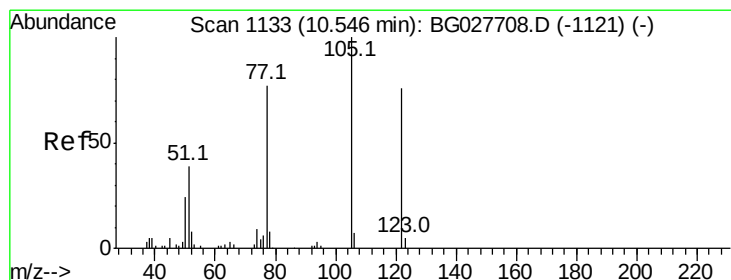
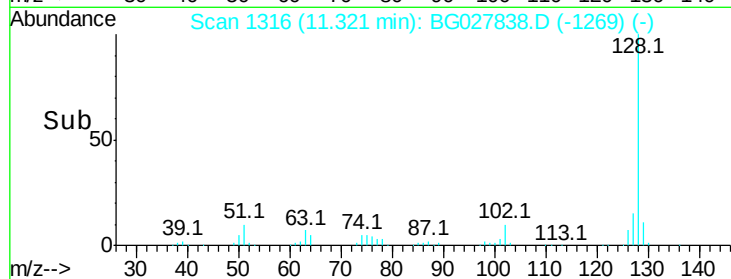
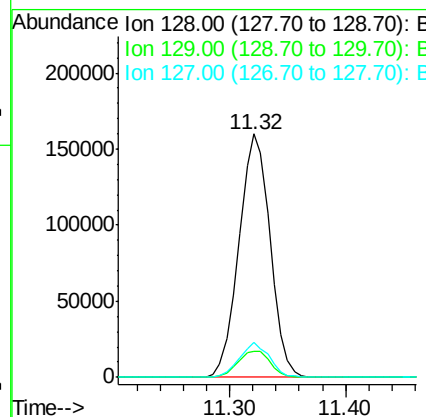
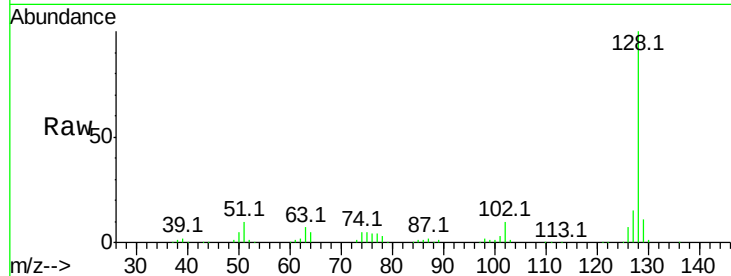




#31
Naphthalene
Concen: 39.78 ng
RT: 11.32 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

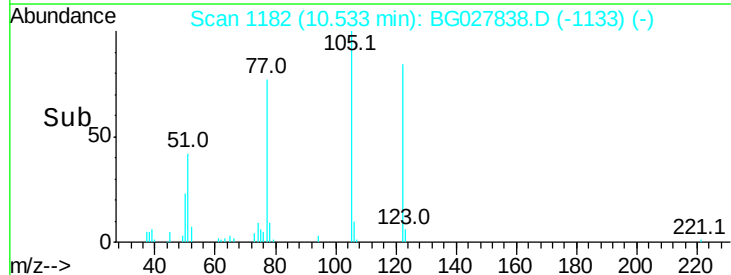
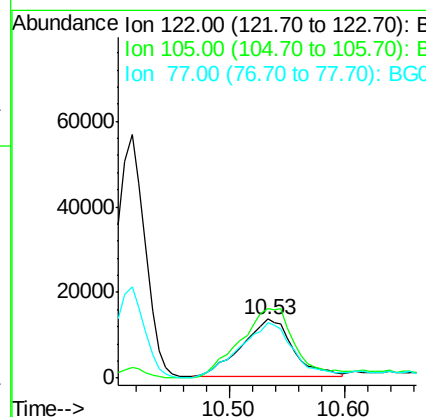
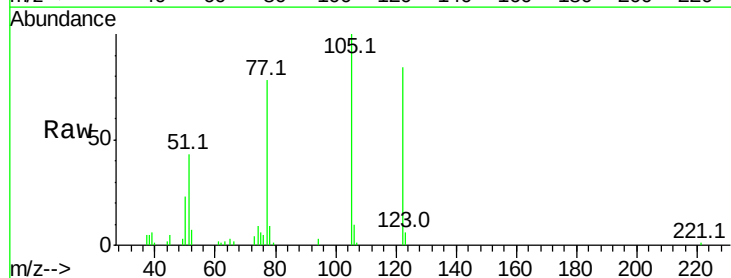
Instrument :
BNA_G
ClientSampleId :

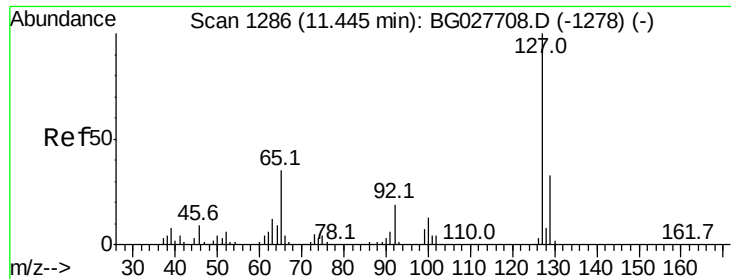
Tot Ion:128 Resp: 298491
Ion Ratio Lower Upper
128 100
129 10.8 9.3 13.9
127 14.6 11.4 17.0



#32
Benzoic acid
Concen: 33.66 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#

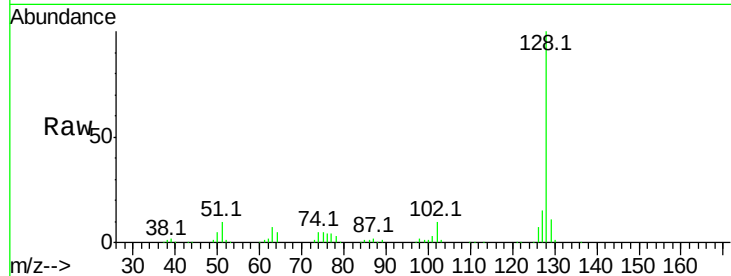




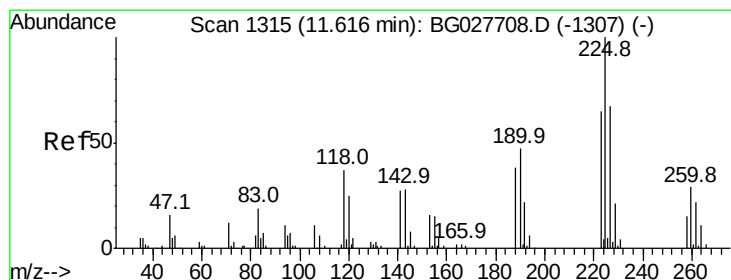
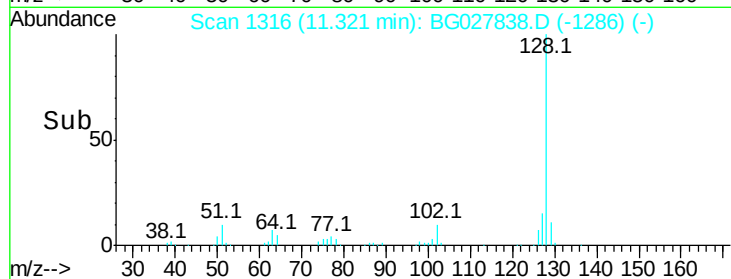
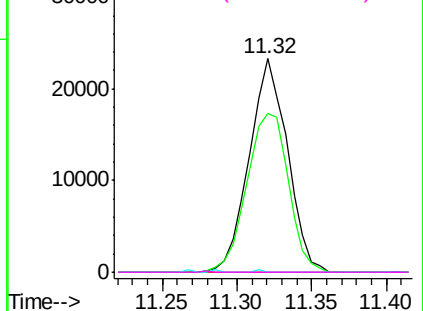
#33
4-Chloroaniline
Concen: 12.73 ng
RT: 11.32 min Scan# 1316
Delta R.T. -0.12 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	41256
Ion	Ratio	Lower	Upper
127	100		
129	74.4	23.6	35.4#
65	0.0	37.7	56.5#
92	0.0	17.6	26.4#

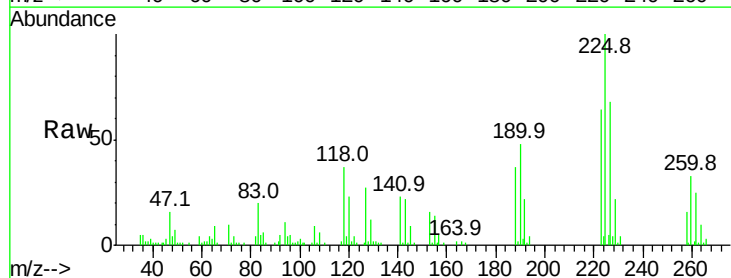


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

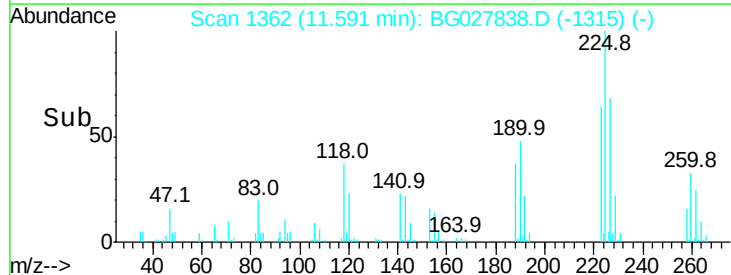
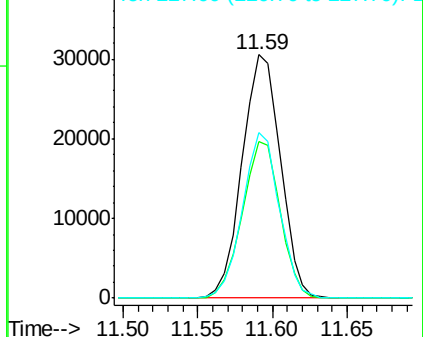


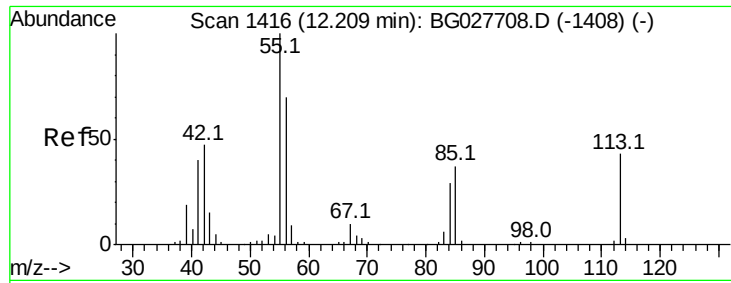
#34
Hexachlorobutadiene
Concen: 48.61 ng
RT: 11.59 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

Tgt Ion:	225	Resp:	54202
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: 19.90 ng

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

ClientSampled :

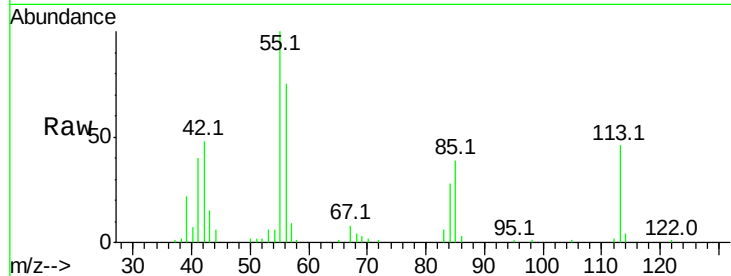
Tot Ion:113 Resp: 19646

Ion Ratio Lower Upper

113 100

55 216.6 198.6 238.6

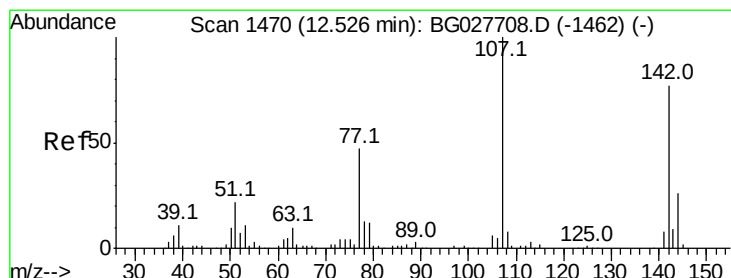
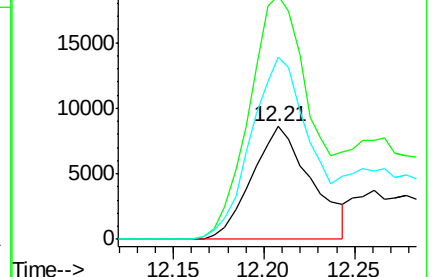
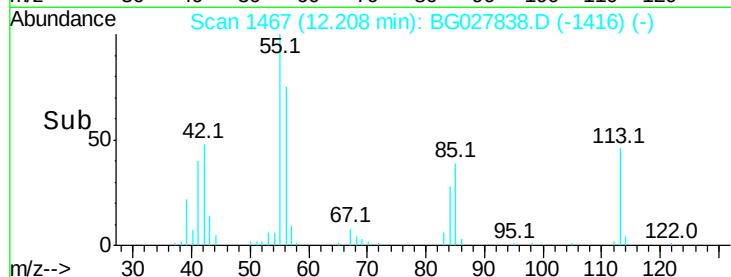
56 162.4 140.4 180.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 44.06 ng

RT: 12.51 min Scan# 1519

Delta R.T. -0.01 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

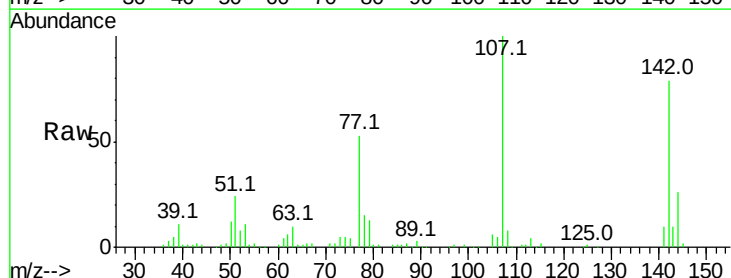
Tgt Ion:107 Resp: 121653

Ion Ratio Lower Upper

107 100

144 26.3 17.4 26.0#

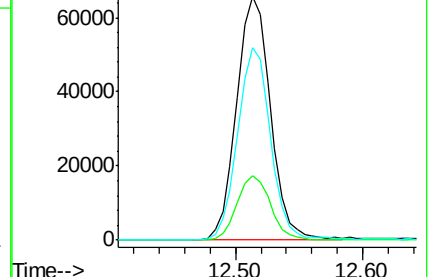
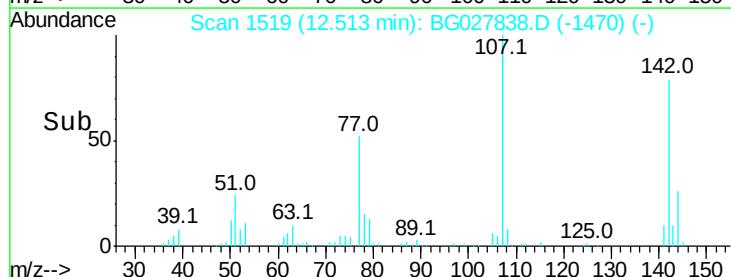
142 79.1 54.1 81.1

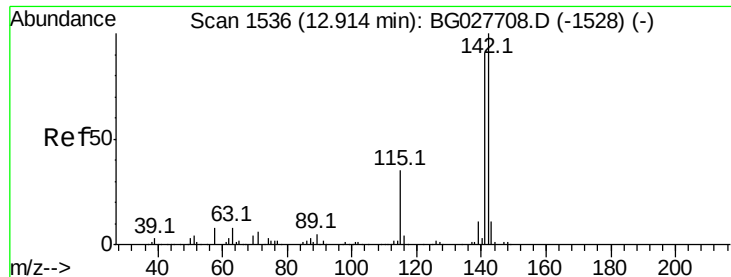


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

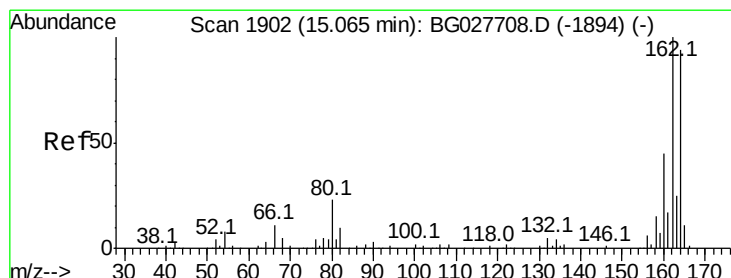
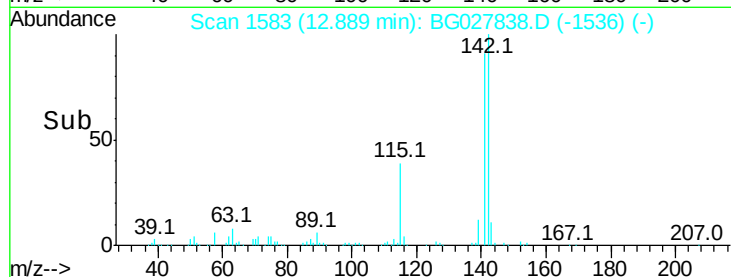
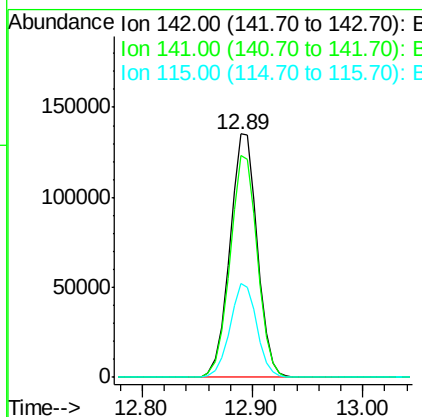
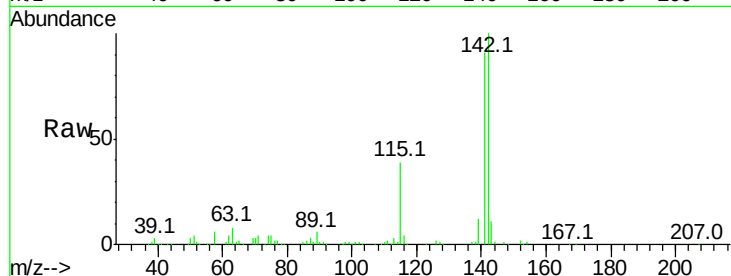




#37
2-Methylnaphthalene
Concen: 42.04 ng
RT: 12.89 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

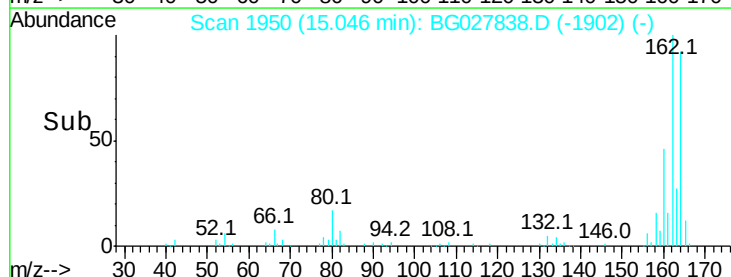
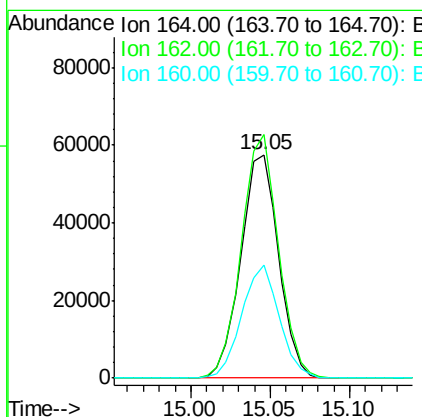
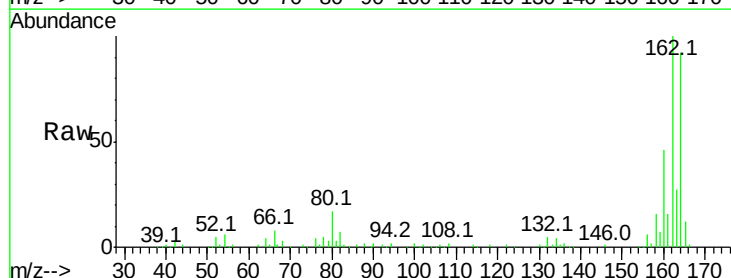
Instrument :
BNA_G
ClientSampleId :

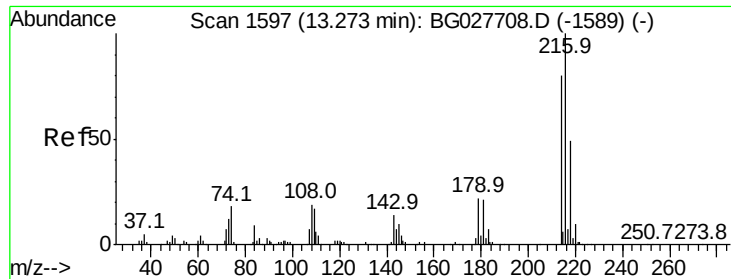
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	70.4	105.6
115	38.7	35.5	53.3



#38
Acenaphthene-d10
Concen: 20.00 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	Ratio	Lower	Upper
164	100		
162	108.8	85.1	127.7
160	50.3	34.7	52.1

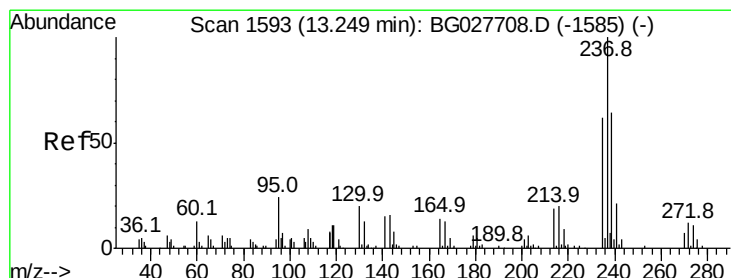
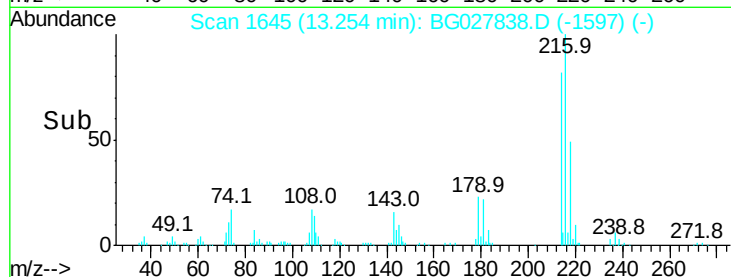
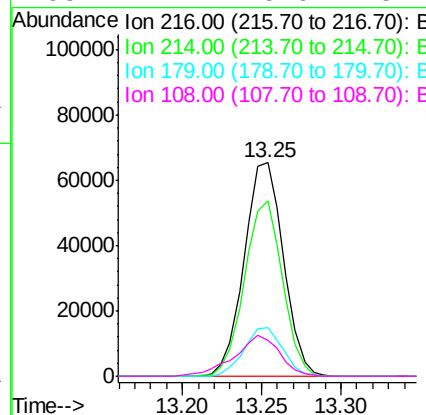
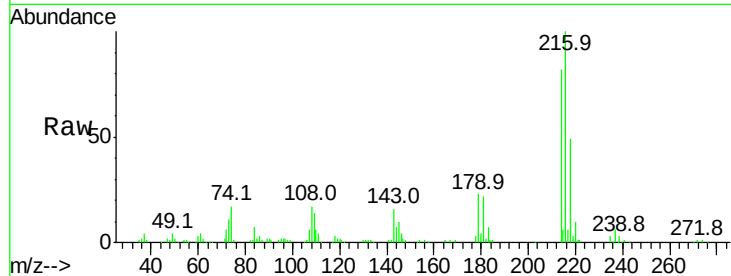




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.86 ng
 RT: 13.25 min Scan# 1645
 Delta R.T. -0.02 min
 Lab File: BG027838.D
 Acq: 3 Jul 2017 18:54

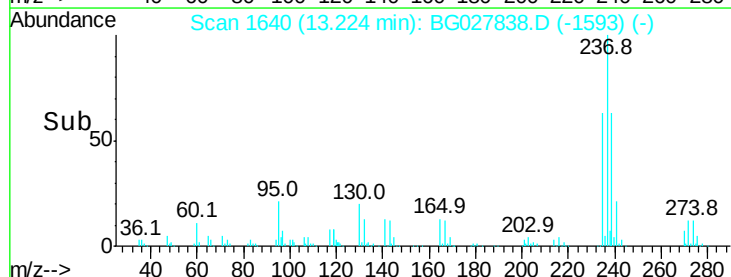
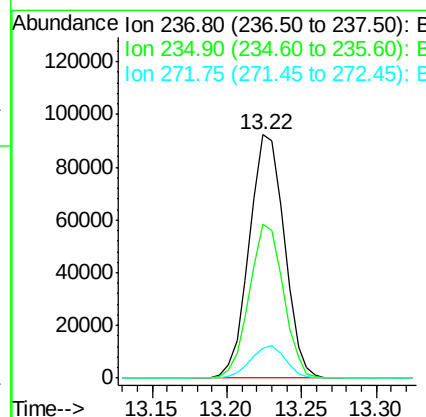
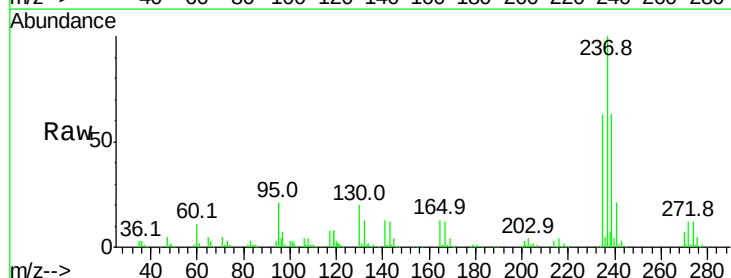
Instrument :
 BNA_G
 ClientSampleId :

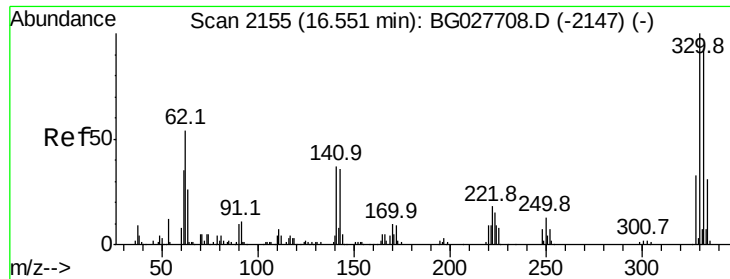
Tot Ion:	216	Resp:	112335
Ion	Ratio	Lower	Upper
216	100		
214	79.3	64.4	96.6
179	22.5	17.4	26.0
108	22.2	15.6	23.4



#40
 Hexachlorocyclopentadiene
 Concen: 127.21 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

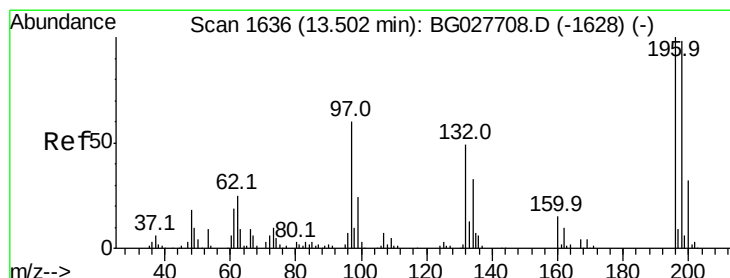
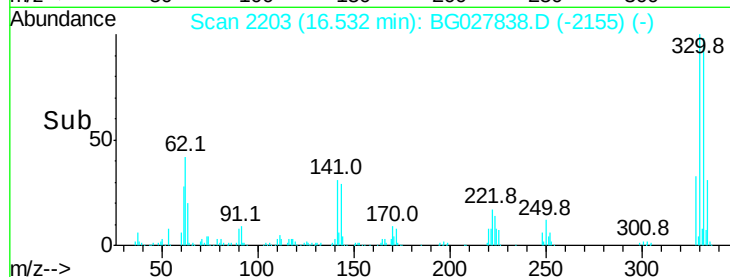
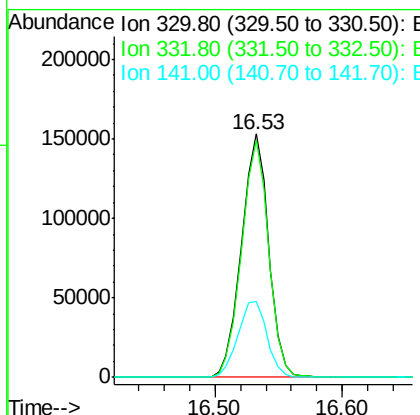
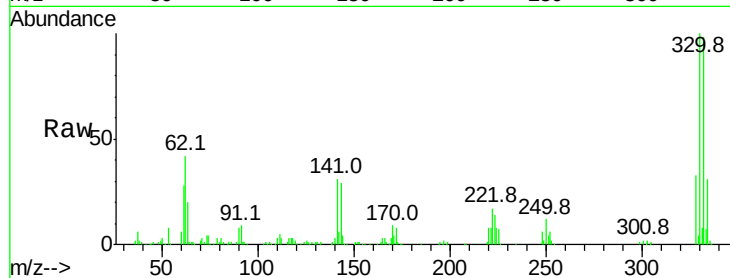




#41
 2,4,6-Tribromophenol
 Concen: 173.86 ng
 RT: 16.53 min Scan# 2203
 Delta R.T. -0.02 min
 Lab File: BG027838.D
 Acq: 3 Jul 2017 18:54

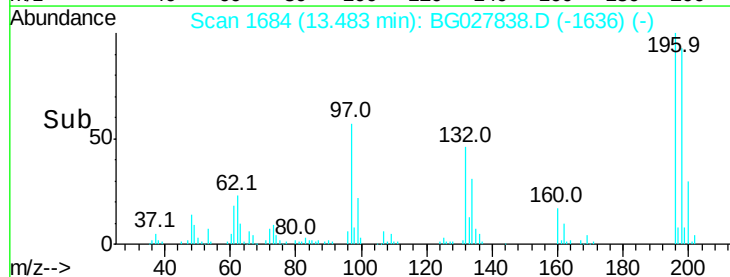
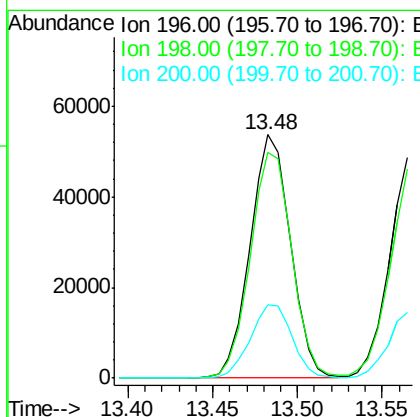
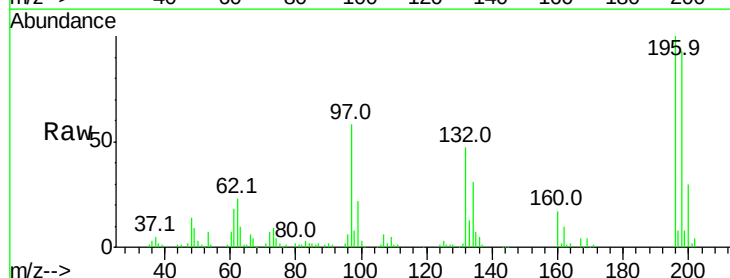
Instrument :
 BNA_G
 ClientSampled :

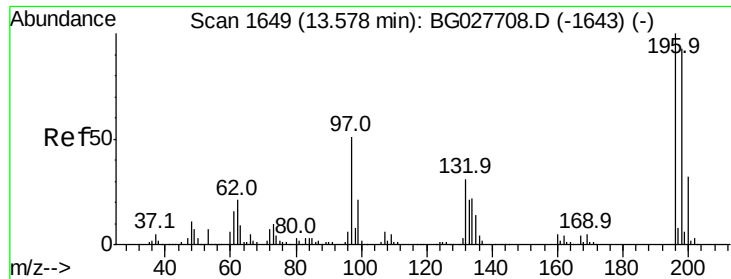
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	33.3	32.1	48.1



#42
 2,4,6-Trichlorophenol
 Concen: 49.19 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	Ratio	Lower	Upper
196	100		
198	92.9	81.4	122.2
200	30.3	27.0	40.6

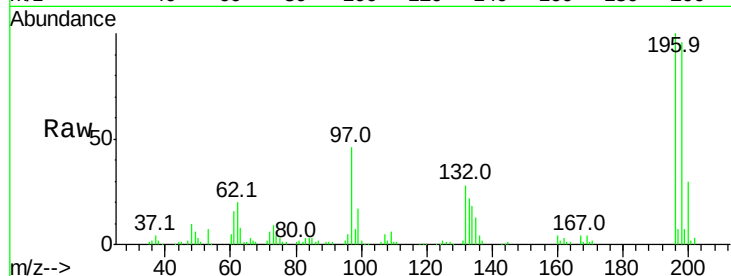




#43
 2,4,5-Trichlorophenol
 Concen: 46.99 ng
 RT: 13.57 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG027838.D
 Acq: 3 Jul 2017 18:54

Instrument :
 BNA_G
 ClientSampleId :

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



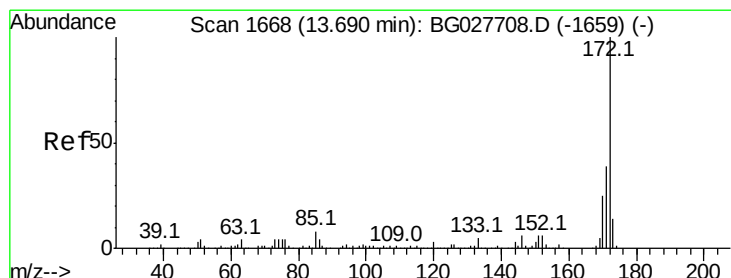
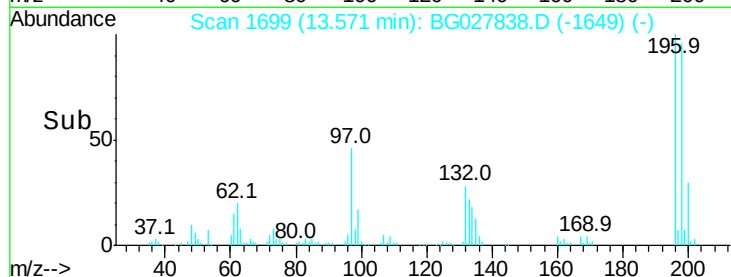
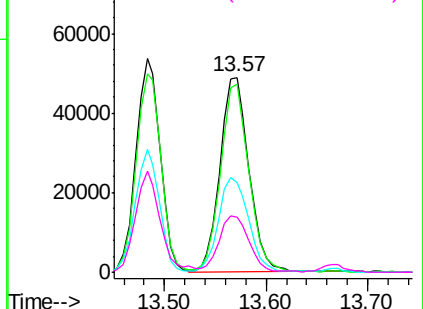
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

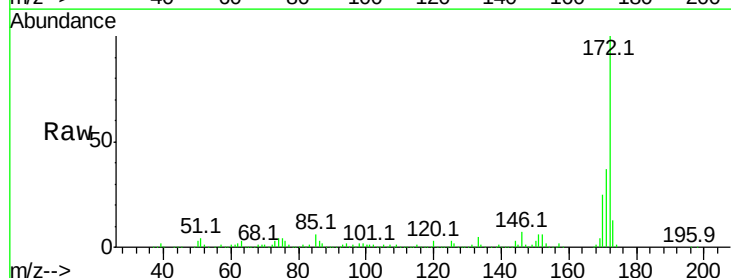
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 89.68 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:	172	Resp:	598395
Ion	Ratio	Lower	Upper
172	100		
171	36.6	32.2	48.2
170	24.6	21.8	32.6

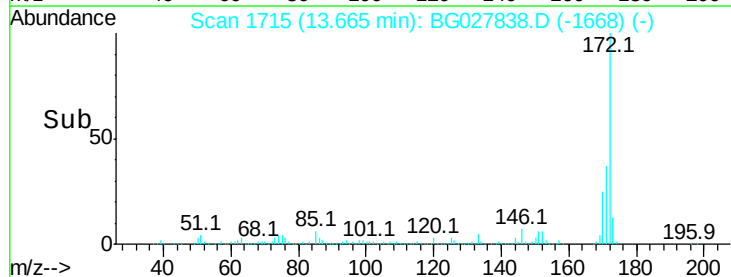
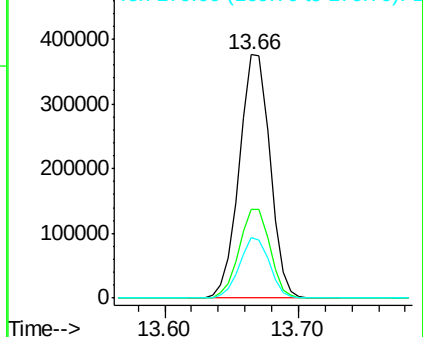


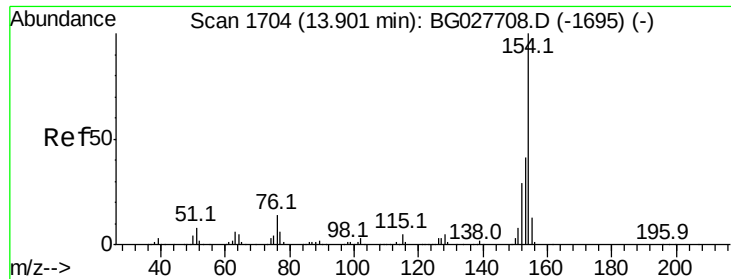
Abundance

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

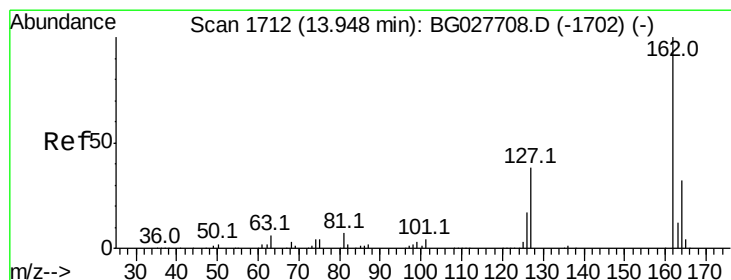
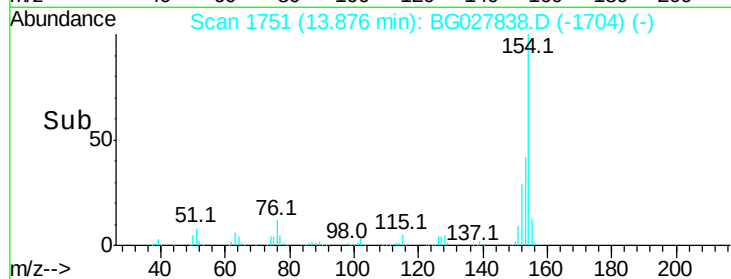
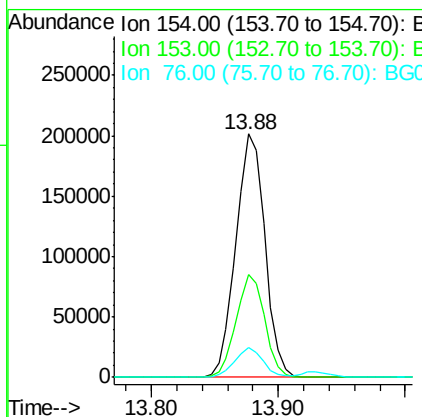
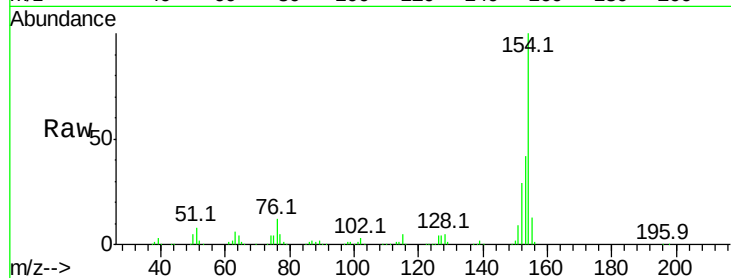




#45
 1,1'-Biphenyl
 Concen: 41.70 ng
 RT: 13.88 min Scan# 1751
 Delta R.T. -0.02 min
 Lab File: BG027838.D
 Acq: 3 Jul 2017 18:54

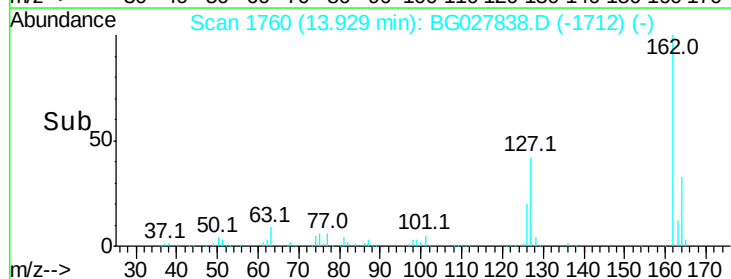
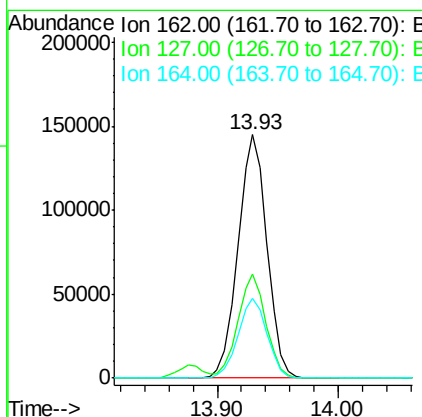
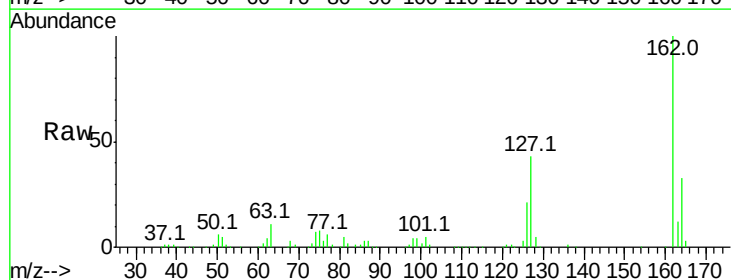
Instrument :
 BNA_G
 ClientSampleId :

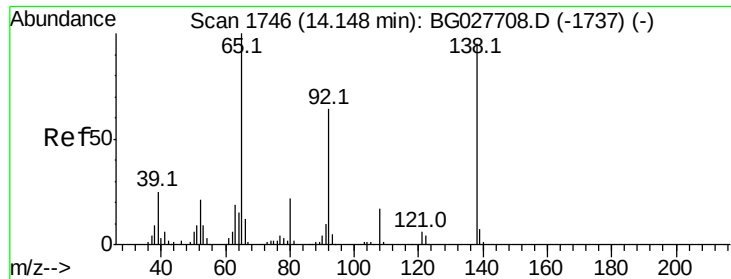
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.4	23.0	63.0
76	12.2	0.0	33.5



#46
 2-Chloronaphthalene
 Concen: 41.82 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	Ratio	Lower	Upper
162	100		
127	42.7	32.2	48.4
164	32.8	27.3	40.9





#47

2-Nitroaniline

Concen: 41.43 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

ClientSampled :

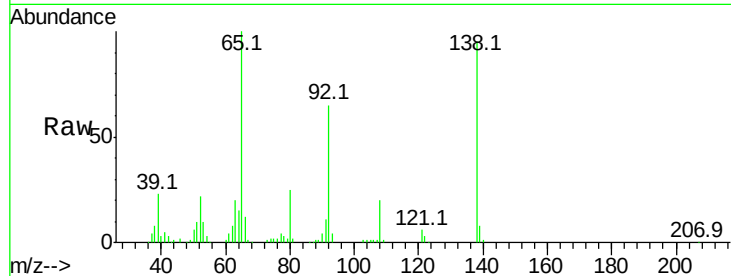
Tot Ion: 65 Resp: 95677

Ion Ratio Lower Upper

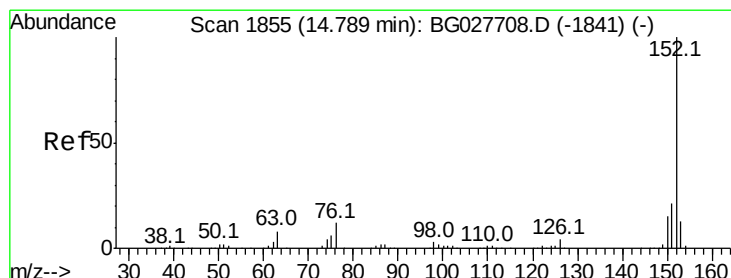
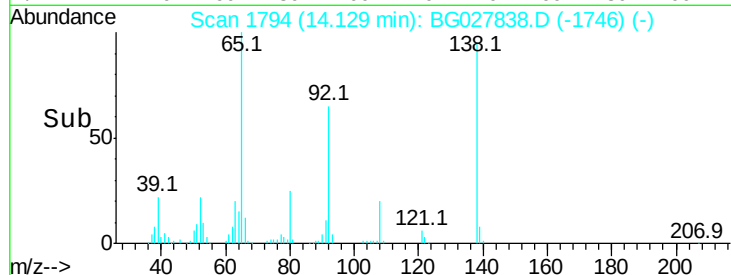
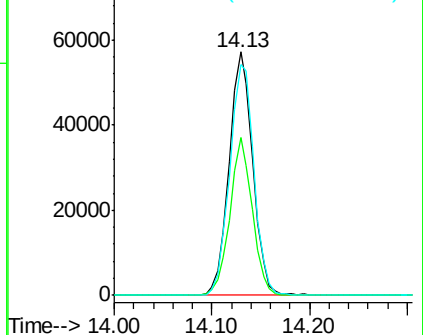
65 100

92 65.0 49.0 73.4

138 94.9 58.6 87.8#



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



#48

Acenaphthylene

Concen: 39.92 ng

RT: 14.77 min Scan# 1903

Delta R.T. -0.02 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

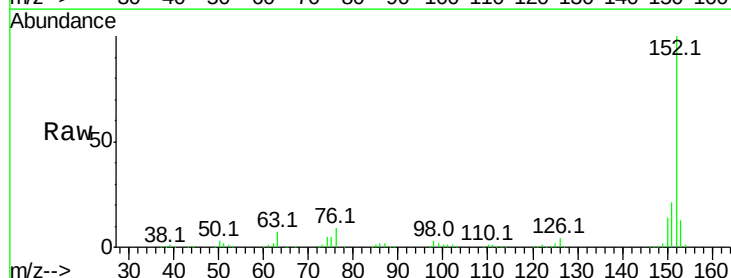
Tgt Ion: 152 Resp: 420848

Ion Ratio Lower Upper

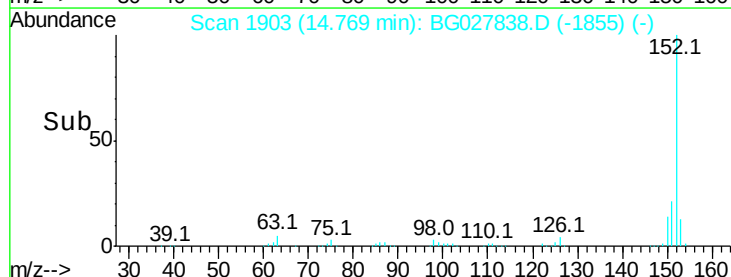
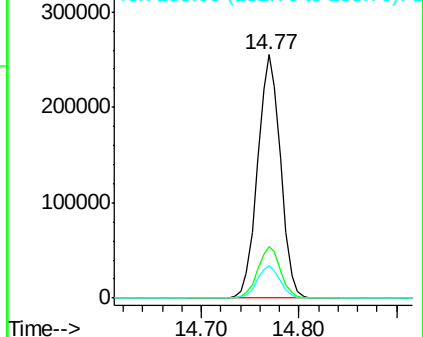
152 100

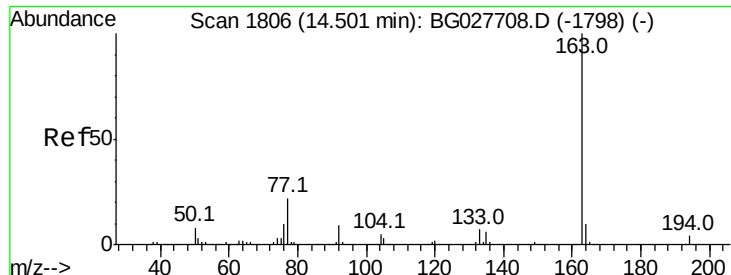
151 21.0 18.2 27.2

153 13.4 11.3 16.9



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





#49

Dimethylphthalate

Concen: 44.90 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 :

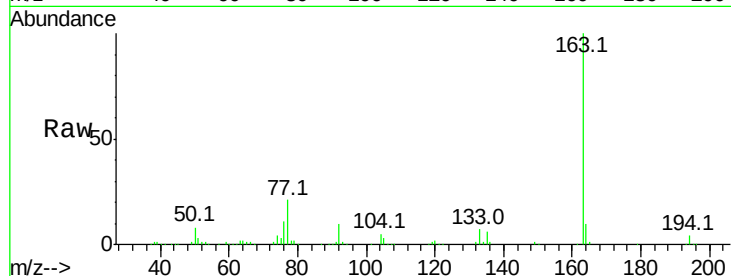
Tot Ion:163 Resp: 364963

Ion Ratio Lower Upper

163 100

194 4.2 3.8 5.6

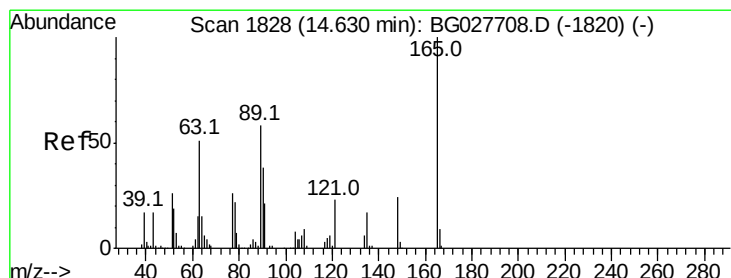
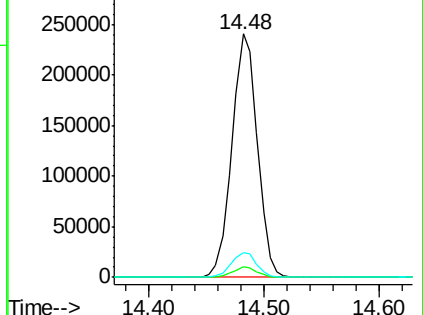
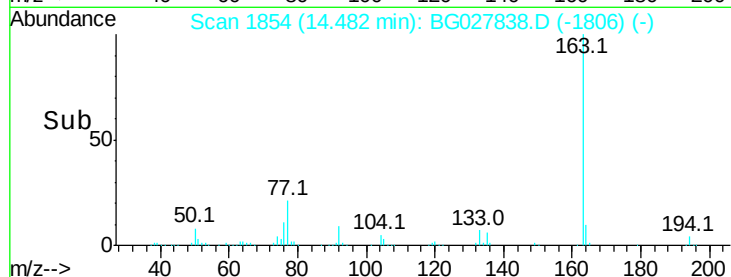
164 10.4 9.3 13.9



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: 43.56 ng

RT: 14.61 min Scan# 1876

Delta R.T. -0.02 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

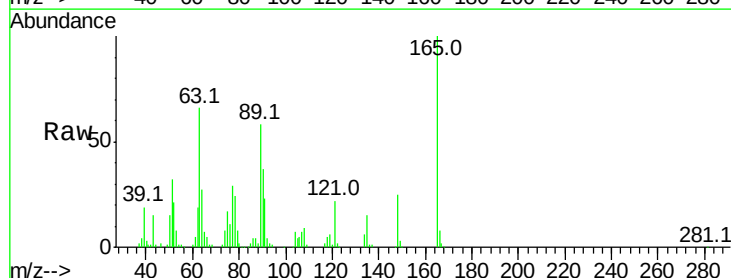
Tgt Ion:165 Resp: 76975

Ion Ratio Lower Upper

165 100

63 66.1 63.9 95.9

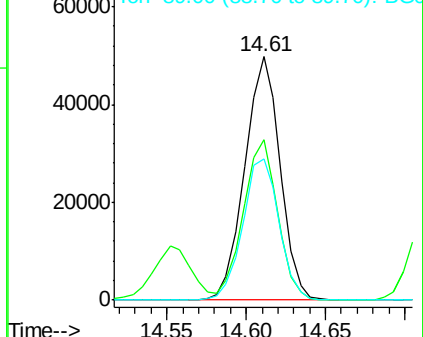
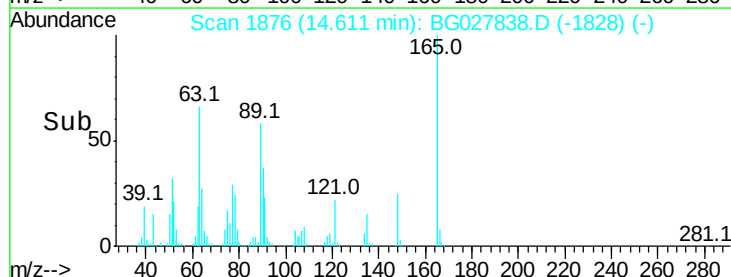
89 57.8 58.6 88.0#

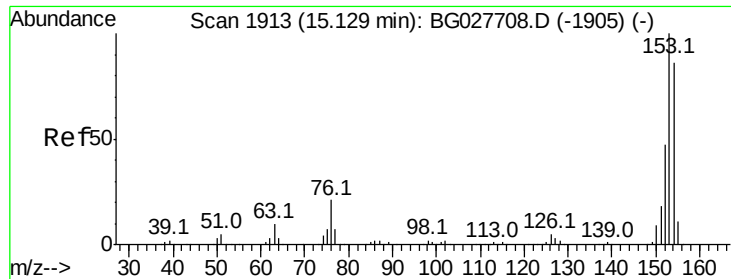


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

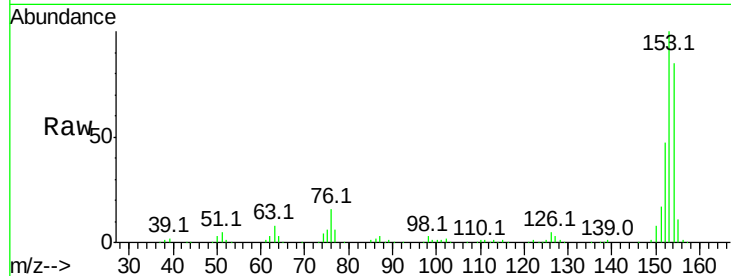




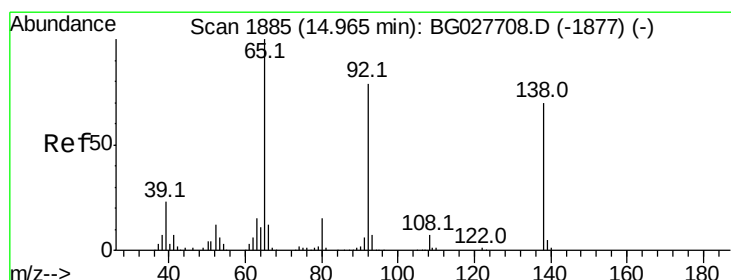
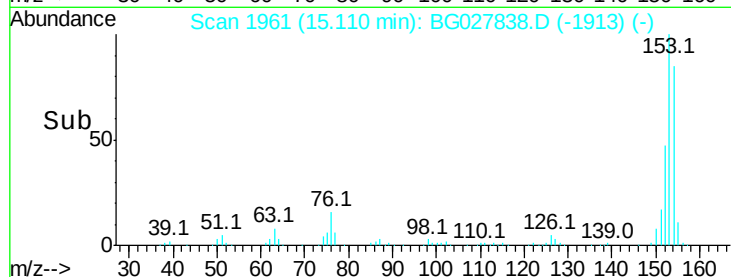
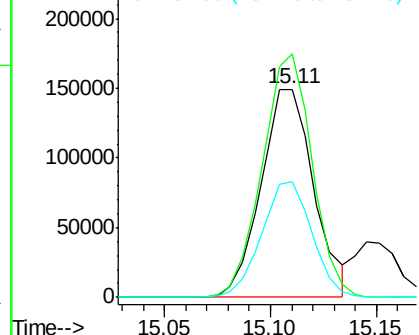
#51
Acenaphthene
Concen: 38.36 ng
RT: 15.11 min Scan# 1961
Delta R.T. -0.02 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:154 Resp: 259245
Ion Ratio Lower Upper
154 100
153 117.0 87.8 131.6
152 55.3 42.2 63.4

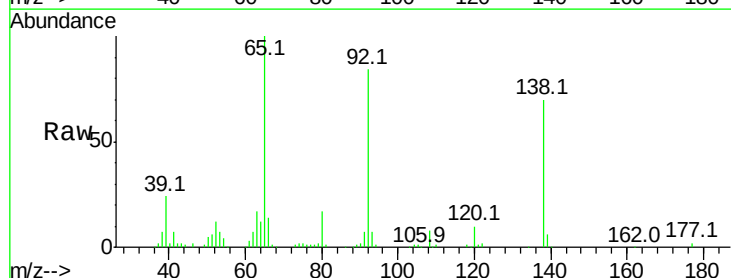


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

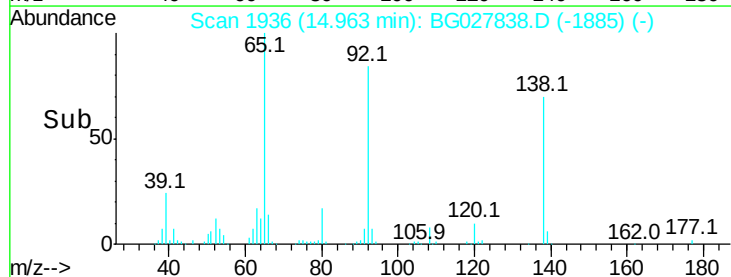
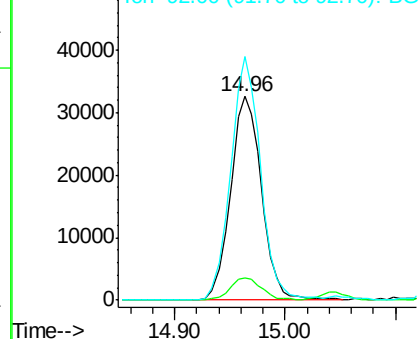


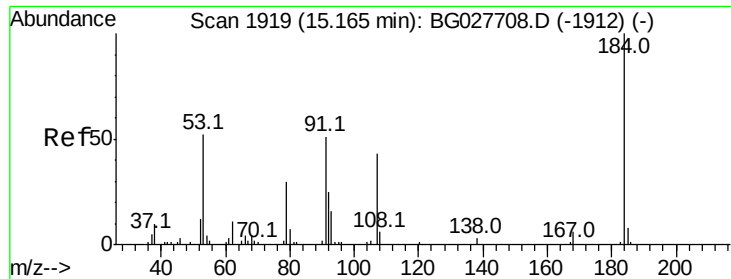
#52
3-Nitroaniline
Concen: 30.73 ng
RT: 14.96 min Scan# 1936
Delta R.T. -0.00 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

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

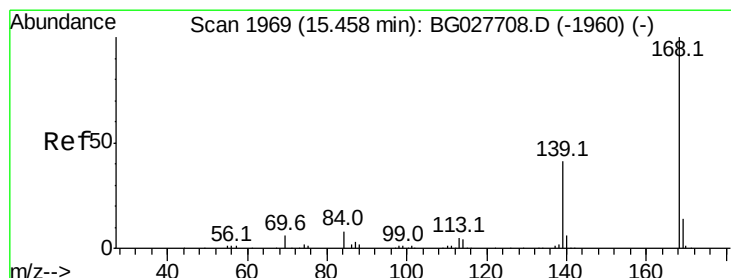
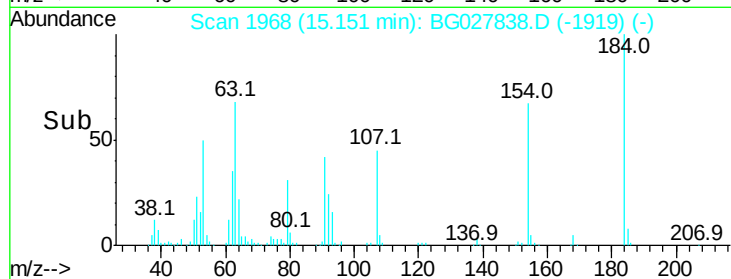
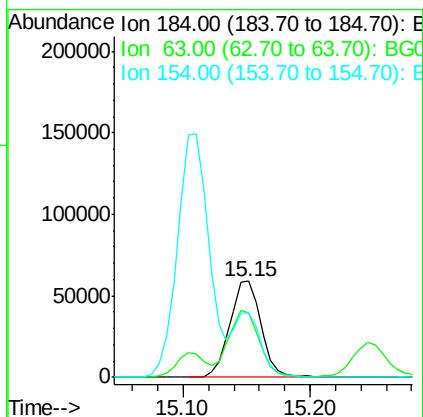
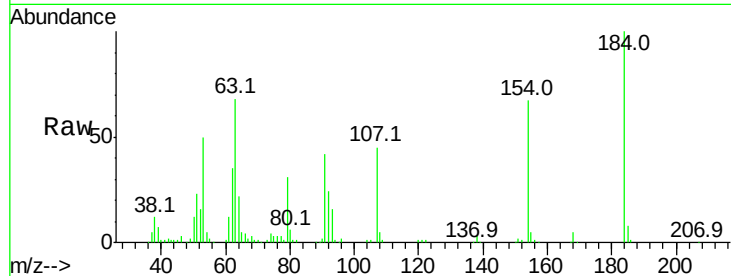




#53
2,4-Dinitrophenol
Concen: 101.26 ng
RT: 15.15 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

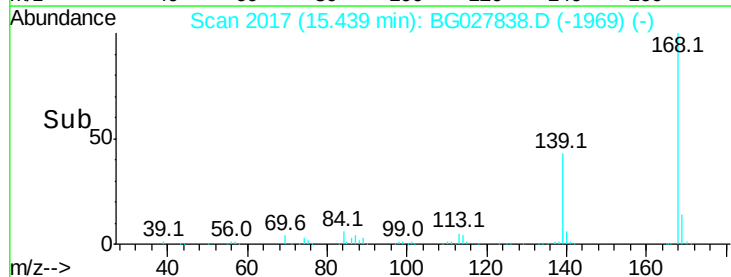
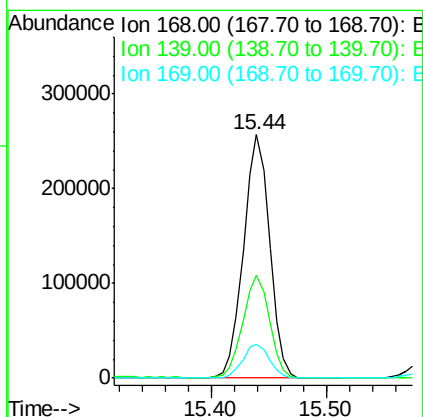
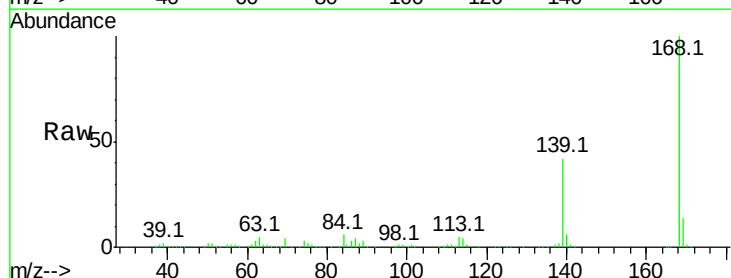
Instrument :
BNA_G
ClientSampleId :

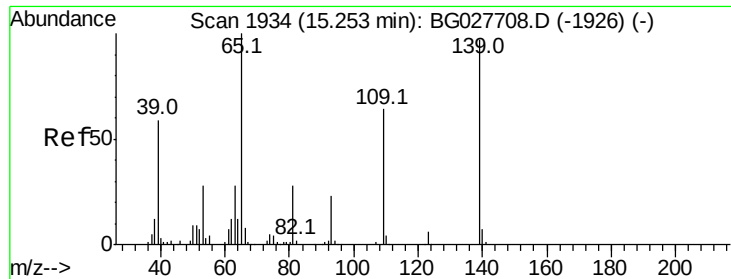
Tot Ion:184 Resp: 100682
Ion Ratio Lower Upper
184 100
63 67.5 52.7 79.1
154 66.6 57.3 85.9



#54
Dibenzofuran
Concen: 45.26 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

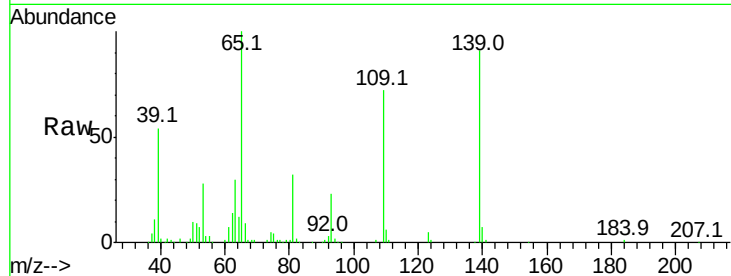




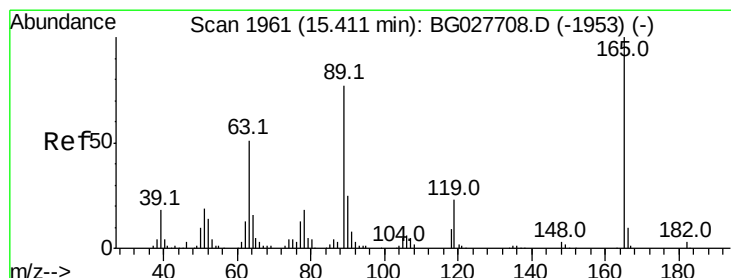
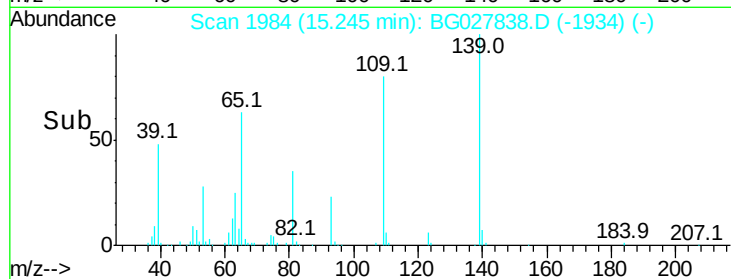
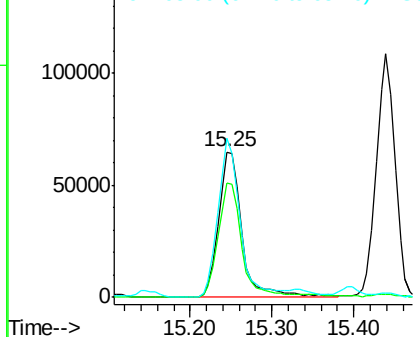
#55
4-Nitrophenol
Concen: 82.04 ng
RT: 15.25 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

Instrument :
BNA_G
ClientSampleId :

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

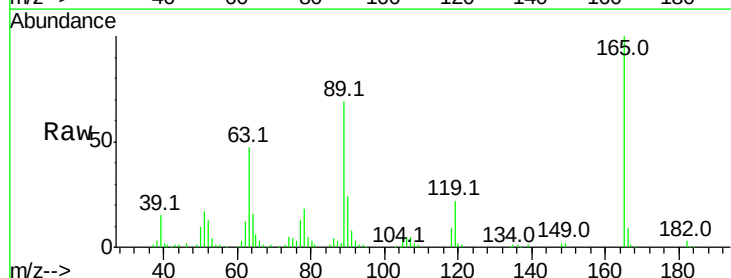


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

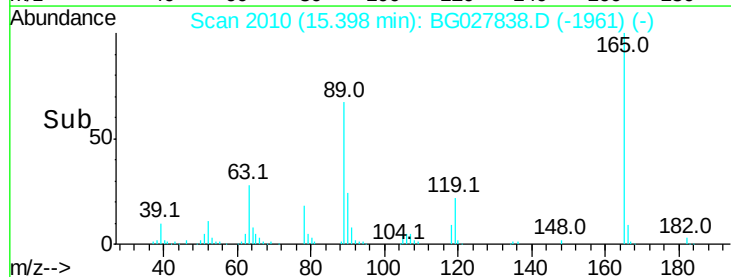
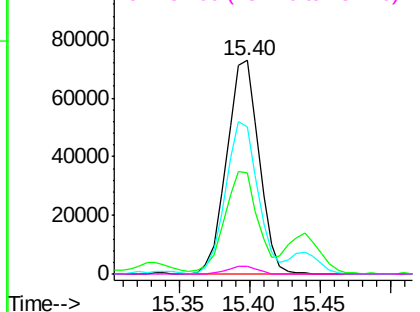


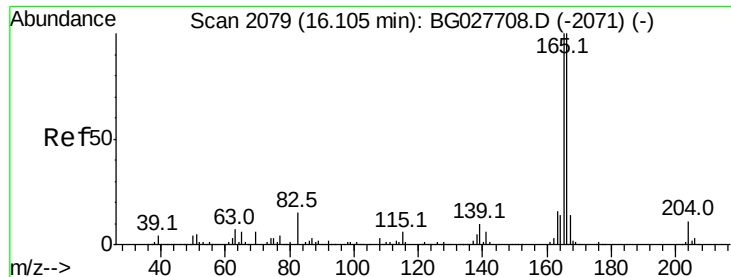
#56
2,4-Dinitrotoluene
Concen: 46.95 ng
RT: 15.40 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

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#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

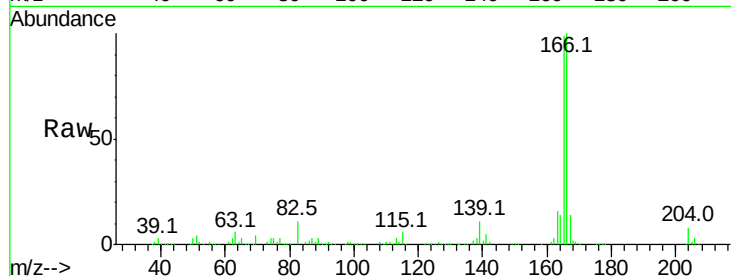




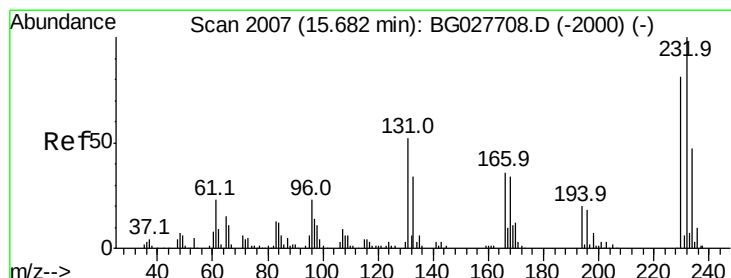
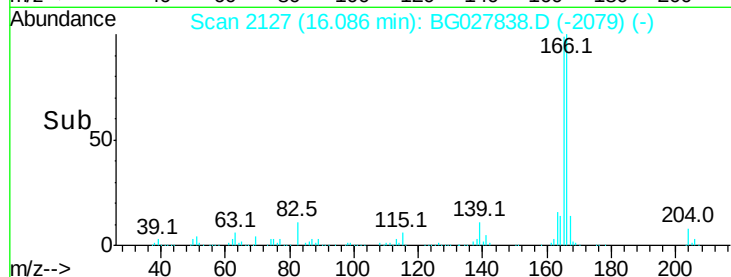
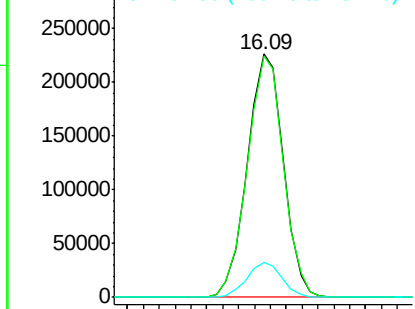
#57
 Fluorene
 Concen: 41.33 ng
 RT: 16.09 min Scan# 2127
 Delta R.T. -0.02 min
 Lab File: BG027838.D
 Acq: 3 Jul 2017 18:54

Instrument :
 BNA_G
 ClientSampleId :

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

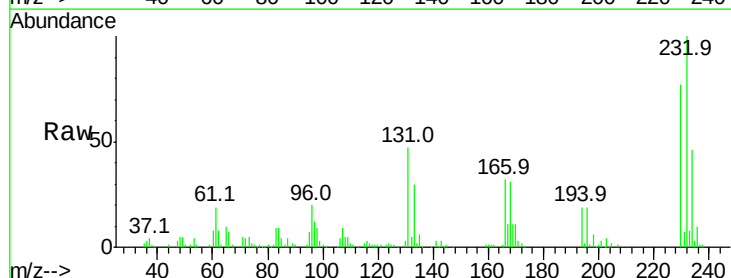


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

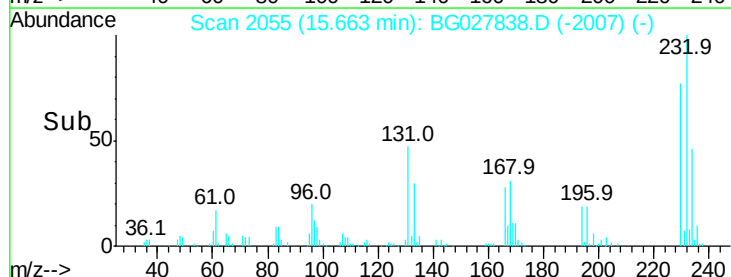
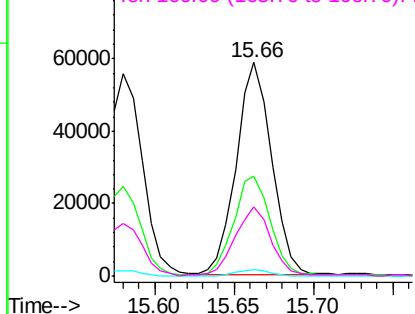


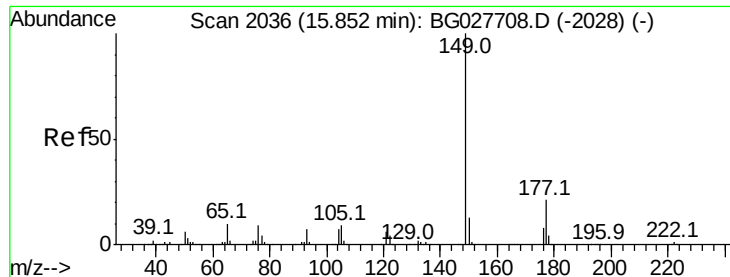
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.63 ng
 RT: 15.66 min Scan# 2055
 Delta R.T. -0.02 min
 Lab File: BG027838.D
 Acq: 3 Jul 2017 18:54

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

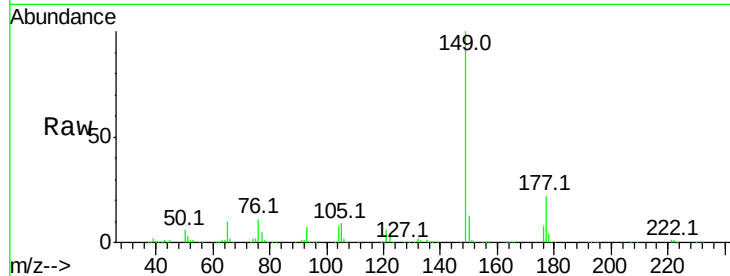




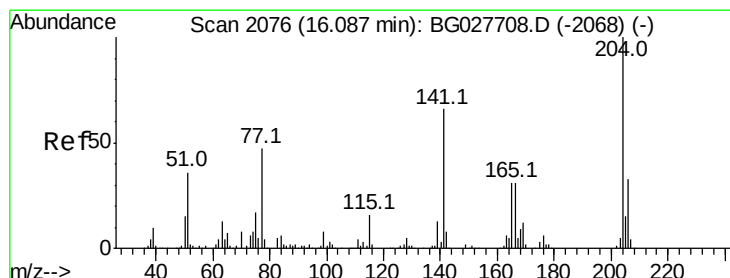
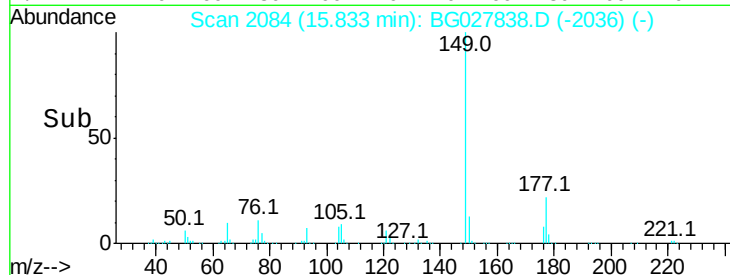
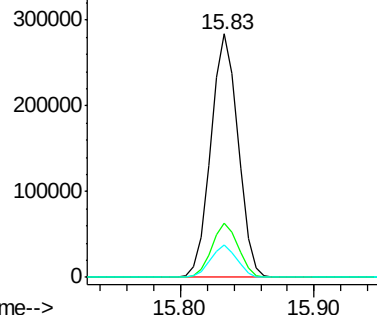
#59
Diethylphthalate
Concen: 44.50 ng
RT: 15.83 min Scan# 2084
Delta R.T. -0.02 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

Instrument :
BNA_G
ClientSampleId :

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

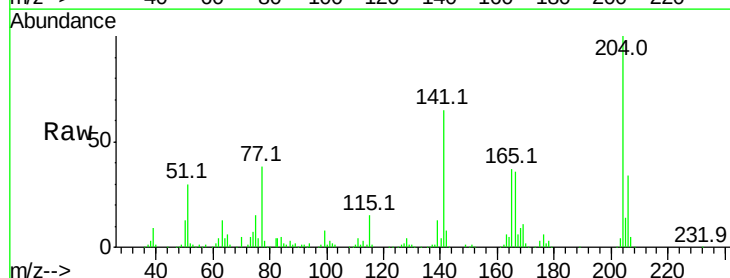


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

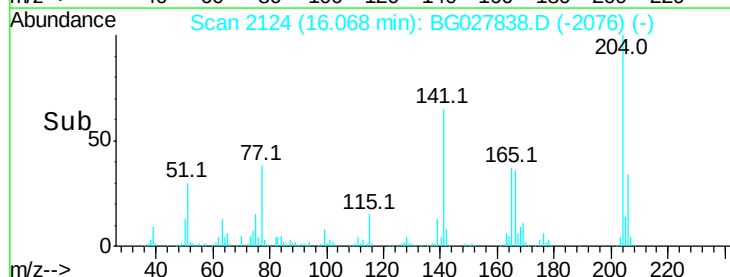
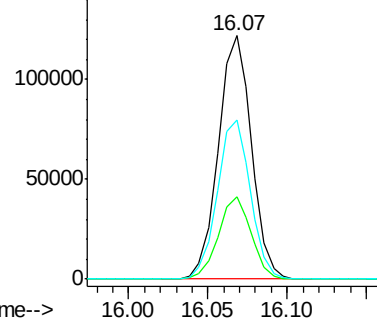


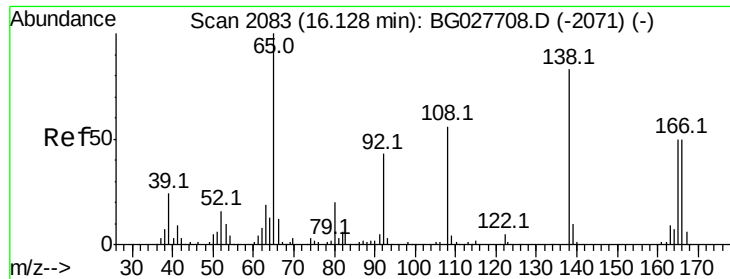
#60
4-Chlorophenyl-phenylether
Concen: 46.02 ng
RT: 16.07 min Scan# 2124
Delta R.T. -0.02 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

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

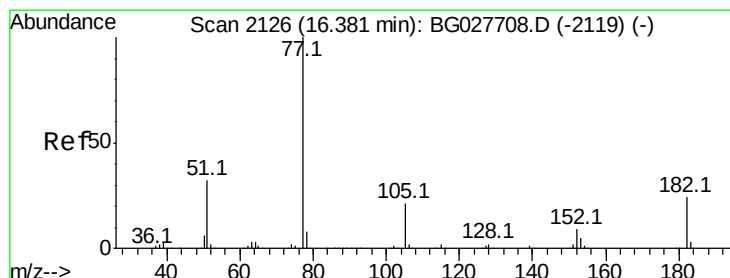
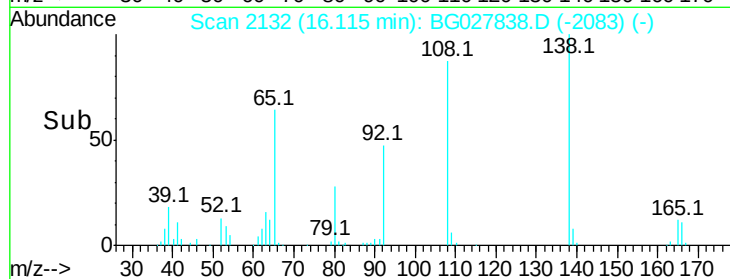
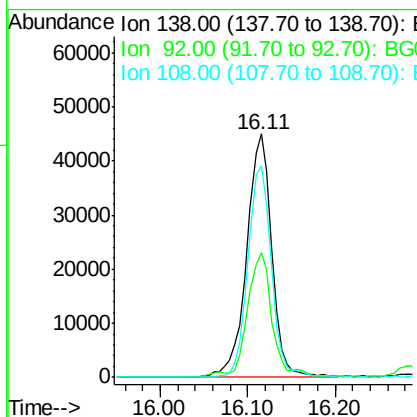
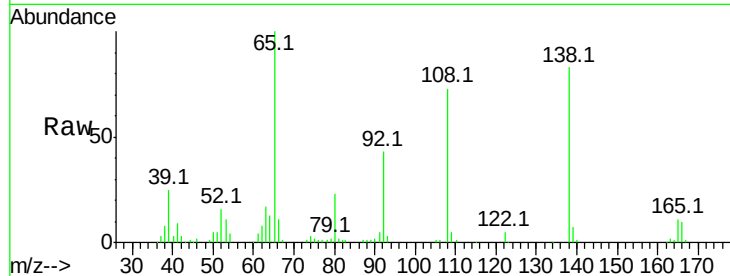




#61
 4-Nitroaniline
 Concen: 40.13 ng
 RT: 16.11 min Scan# 2132
 Delta R.T. -0.01 min
 Lab File: BG027838.D
 Acq: 3 Jul 2017 18:54

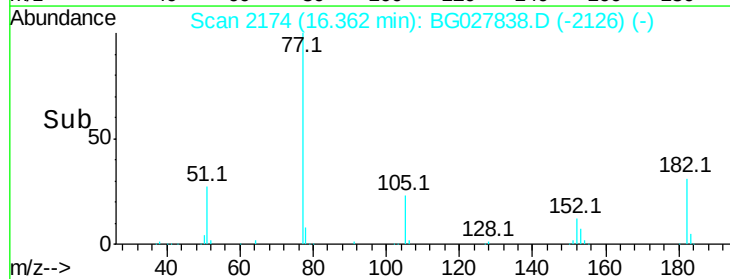
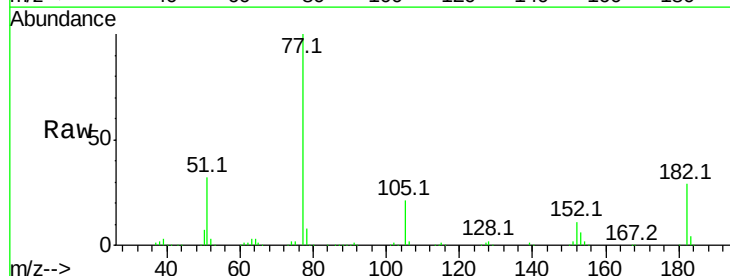
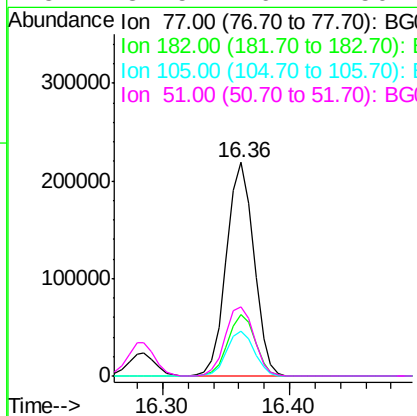
Instrument :
 BNA_G
 ClientSampled :

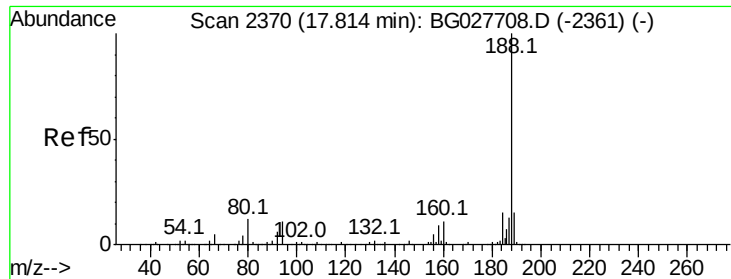
Tot Ion:138 Resp: 86917
 Ion Ratio Lower Upper
 138 100
 92 51.3 44.2 84.2
 108 87.0 104.8 144.8#



#62
 Azobenzene
 Concen: 41.40 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: 20.00 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 :

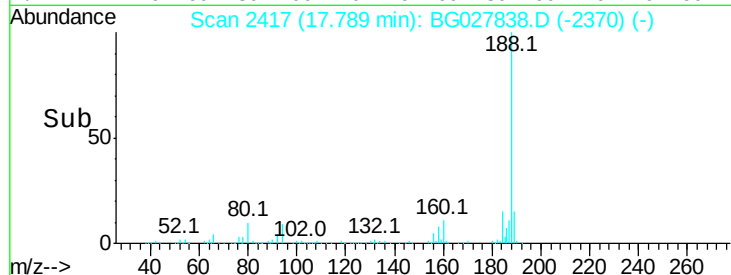
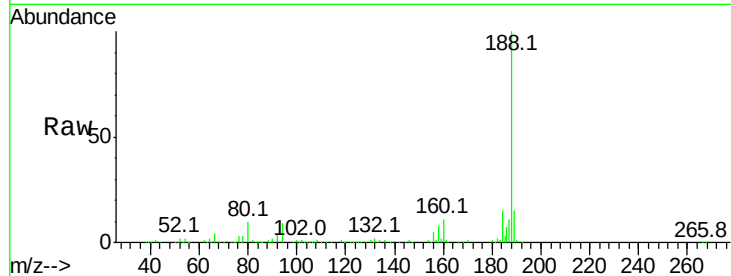
Tot Ion:188 Resp: 245124

Ion Ratio Lower Upper

188 100

94 8.7 5.8 8.8

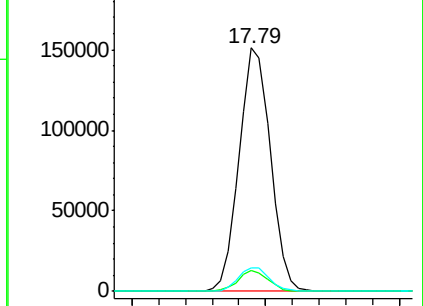
80 9.8 7.5 11.3



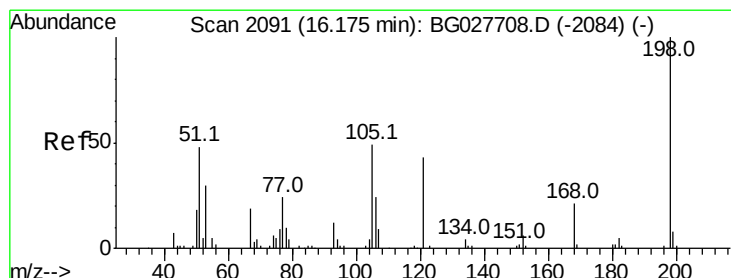
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



Time--> 17.70 17.80



#64

4,6-Dinitro-2-methylphenol

Concen: 45.86 ng

RT: 16.16 min Scan# 2139

Delta R.T. -0.02 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

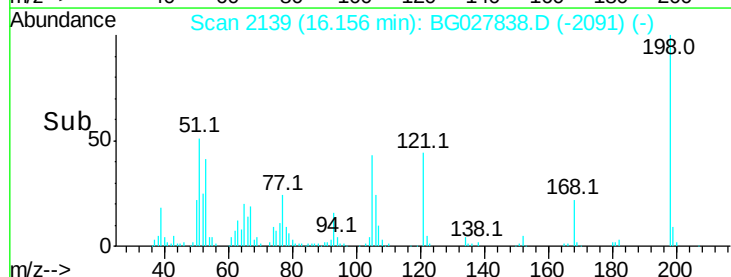
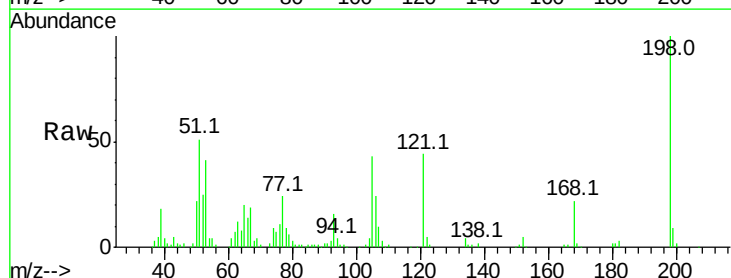
Tgt Ion:198 Resp: 69664

Ion Ratio Lower Upper

198 100

51 51.3 22.6 62.6

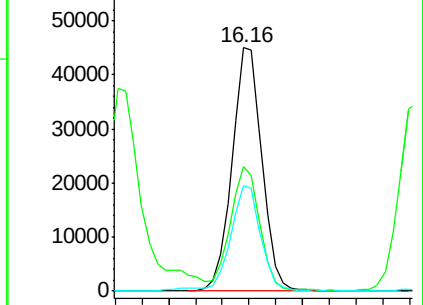
105 43.1 14.4 54.4



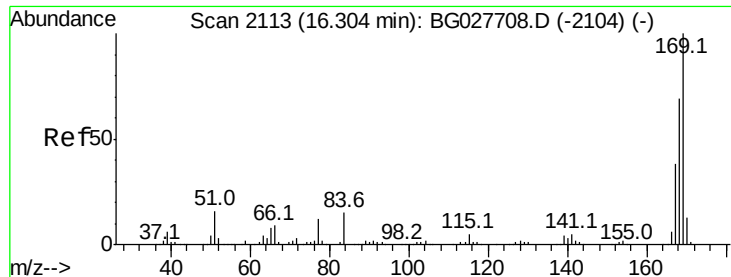
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



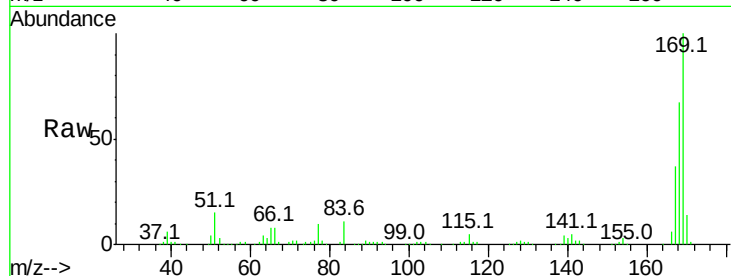
Time--> 16.10 16.20



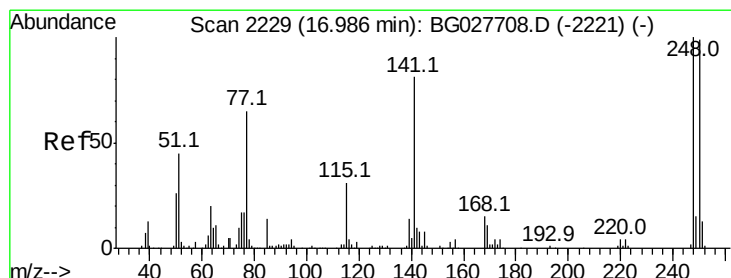
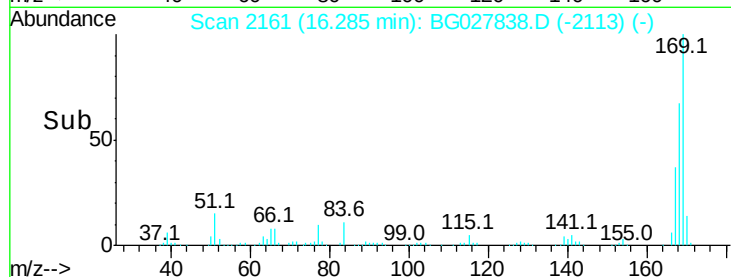
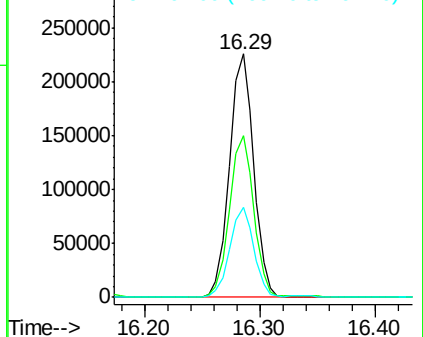
#65
 n-Nitrosodiphenylamine
 Concen: 41.05 ng
 RT: 16.29 min Scan# 2161
 Delta R.T. -0.02 min
 Lab File: BG027838.D
 Acq: 3 Jul 2017 18:54

Instrument :
 BNA_G
 ClientSampleId :

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

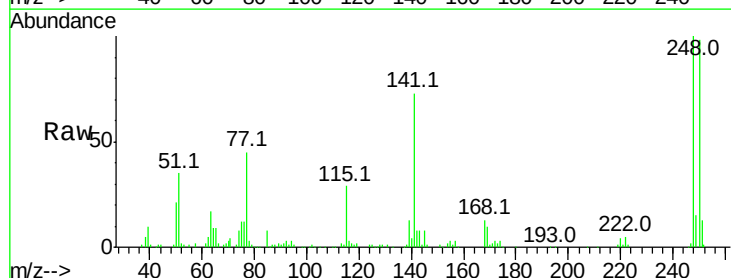


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

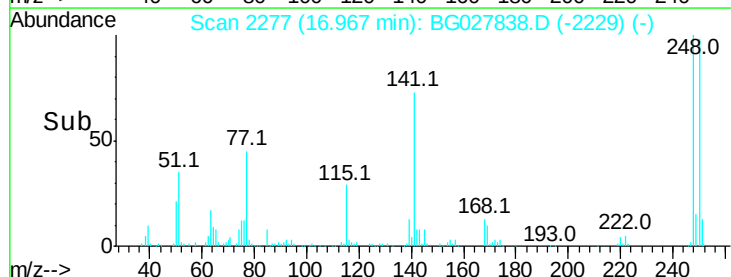
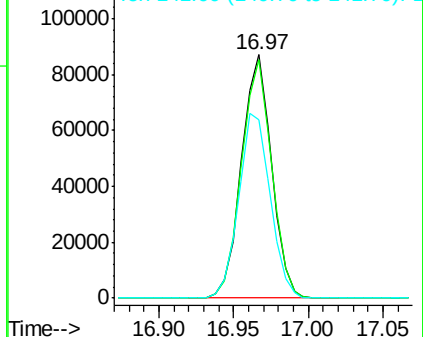


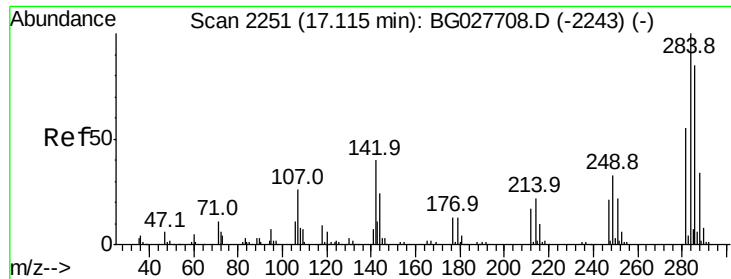
#66
 4-Bromophenyl-phenylether
 Concen: 47.42 ng
 RT: 16.97 min Scan# 2277
 Delta R.T. -0.02 min
 Lab File: BG027838.D
 Acq: 3 Jul 2017 18:54

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

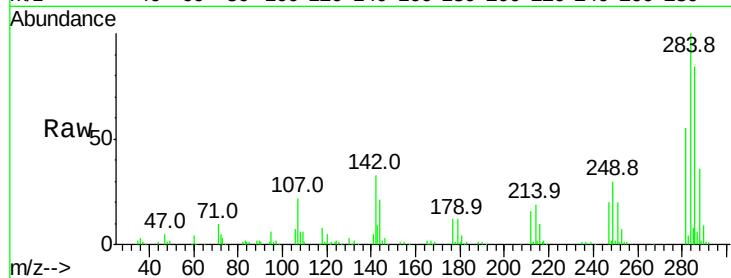




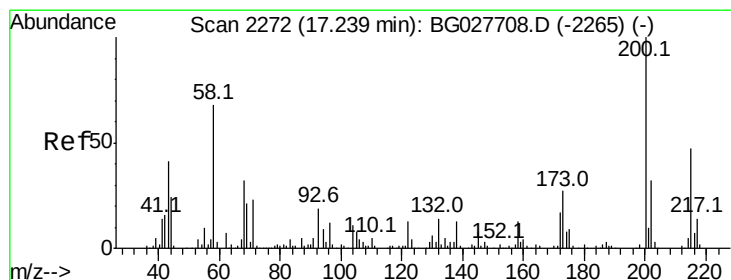
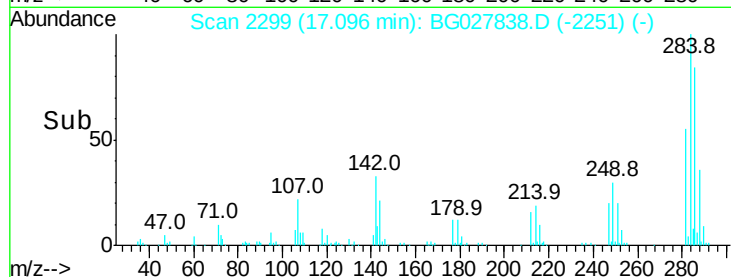
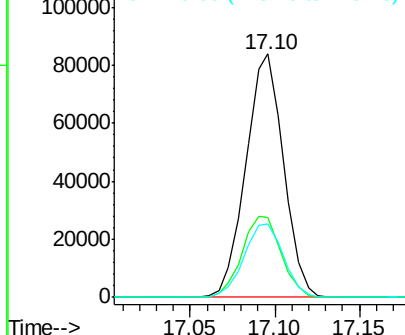
#67
Hexachlorobenzene
Concen: 47.75 ng
RT: 17.10 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	32.5	29.9	44.9
249	30.2	29.2	43.8

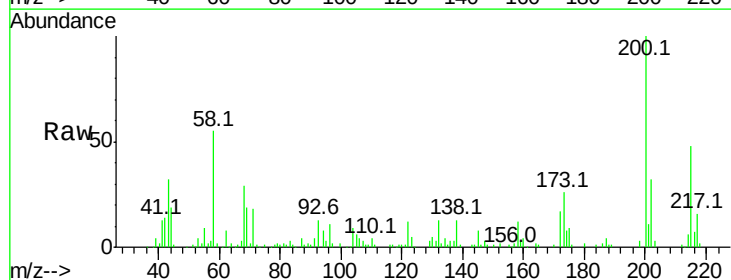


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

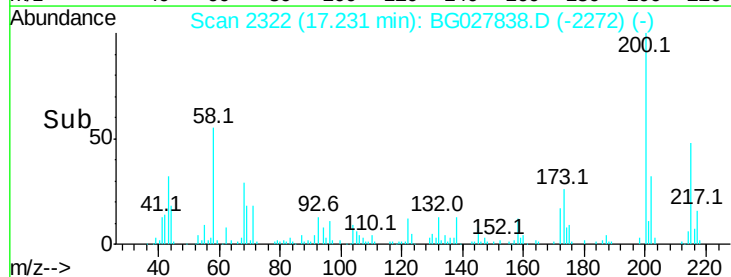
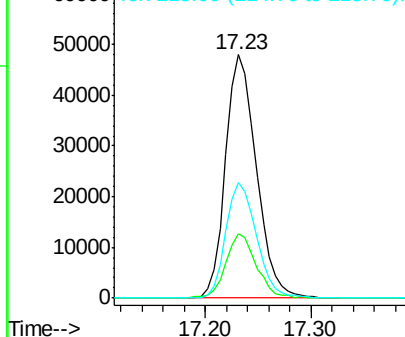


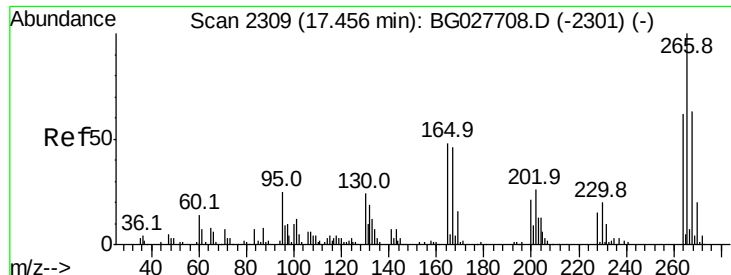
#68
Atrazine
Concen: 38.49 ng
RT: 17.23 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

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



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

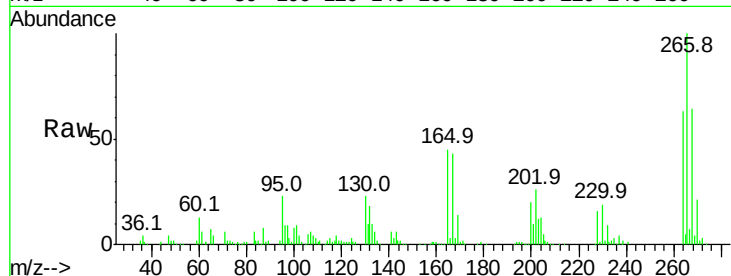




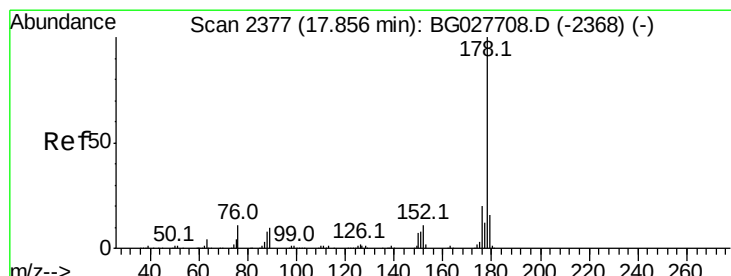
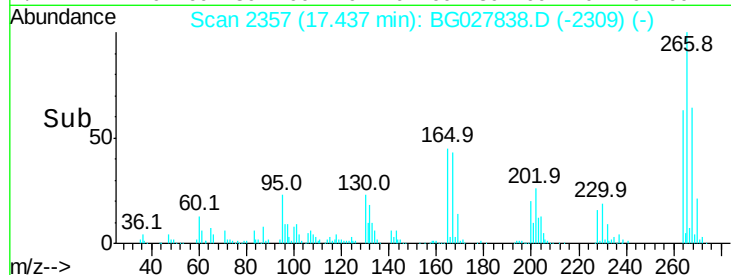
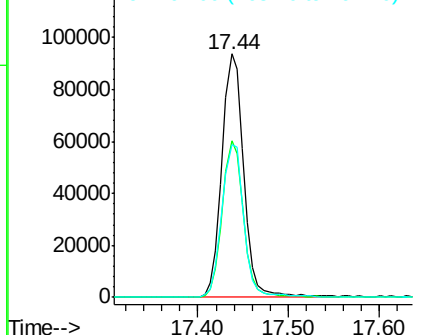
#69
 Pentachlorophenol
 Concen: 89.71 ng
 RT: 17.44 min Scan# 2357
 Delta R.T. -0.02 min
 Lab File: BG027838.D
 Acq: 3 Jul 2017 18:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.1	48.6	72.8
264	62.8	50.1	75.1

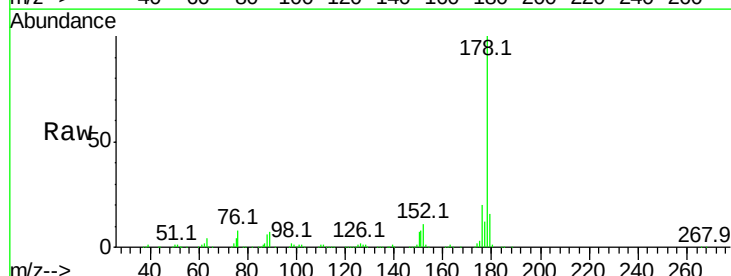


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

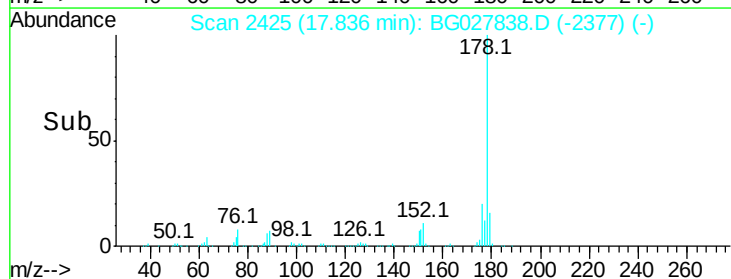
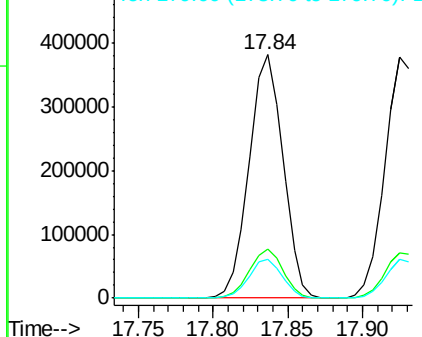


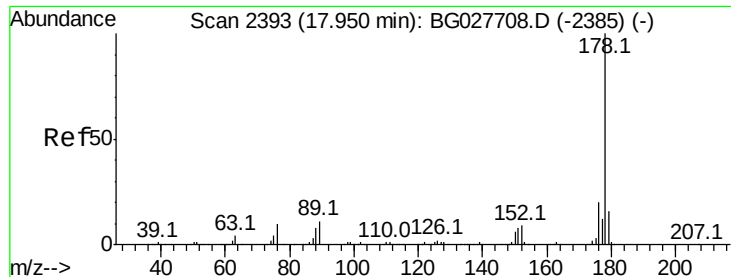
#70
 Phenanthrene
 Concen: 42.42 ng
 RT: 17.84 min Scan# 2425
 Delta R.T. -0.02 min
 Lab File: BG027838.D
 Acq: 3 Jul 2017 18:54

Tgt Ion	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: 42.39 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 :

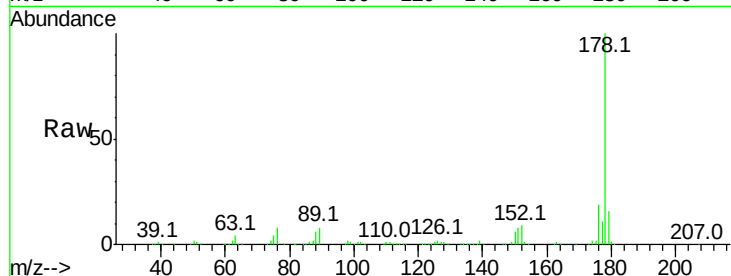
Tot Ion:178 Resp: 605748

Ion Ratio Lower Upper

178 100

176 18.9 16.4 24.6

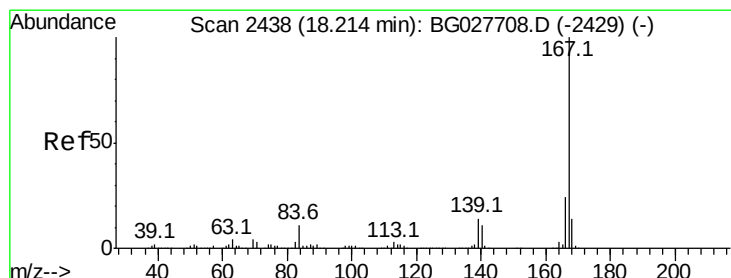
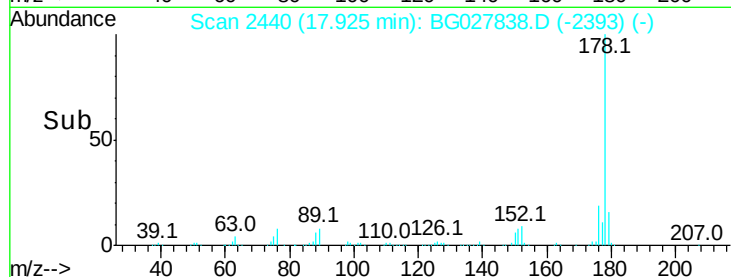
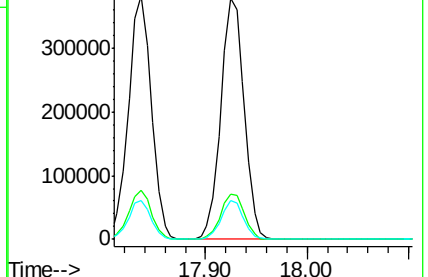
179 15.9 13.8 20.8



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



#72

Carbazole

Concen: 37.79 ng

RT: 18.19 min Scan# 2486

Delta R.T. -0.02 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

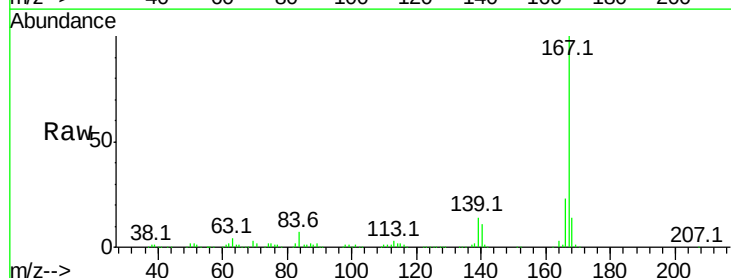
Tgt Ion:167 Resp: 531865

Ion Ratio Lower Upper

167 100

166 23.0 20.2 30.2

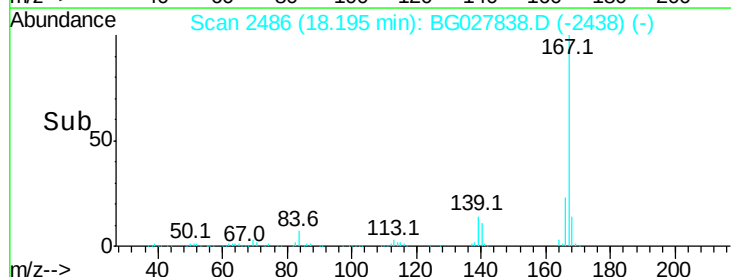
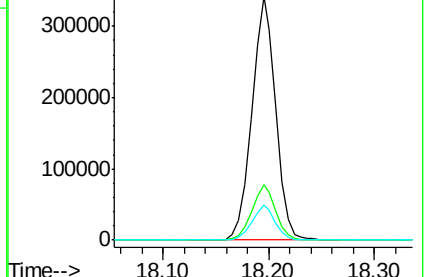
139 14.4 12.8 19.2

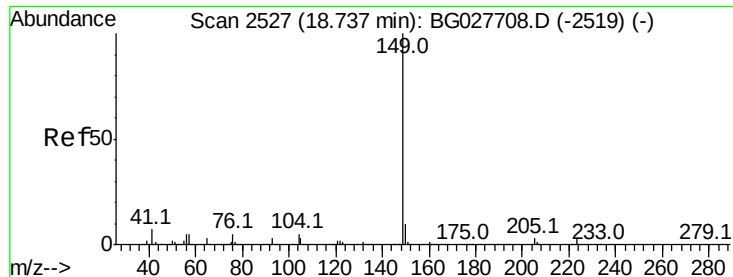


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.63 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 :

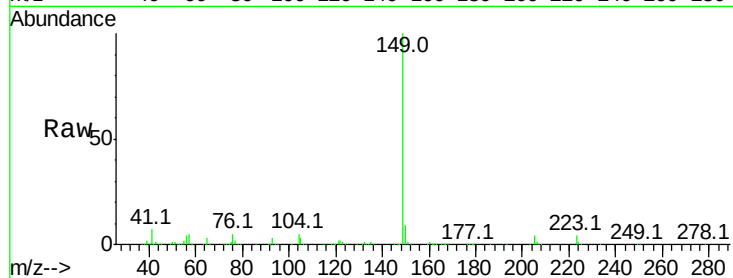
Tot Ion:149 Resp: 674815

Ion Ratio Lower Upper

149 100

150 9.3 9.1 13.7

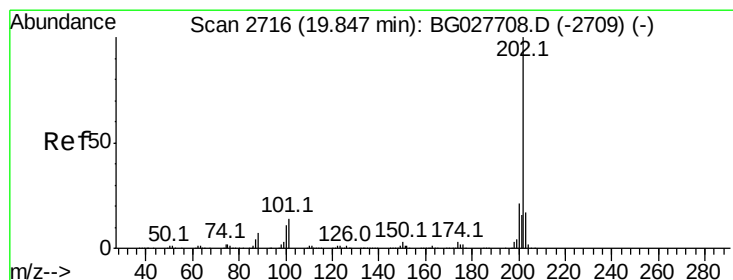
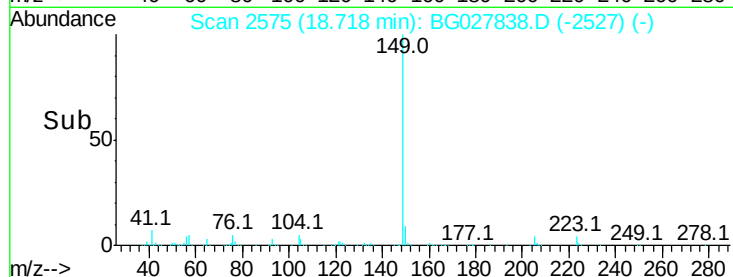
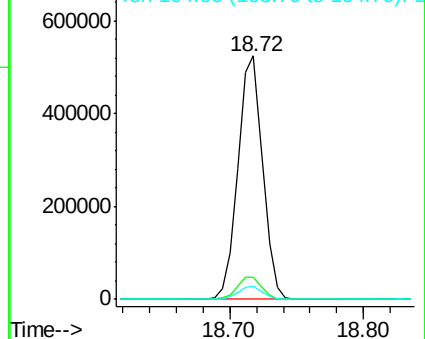
104 5.3 6.7 10.1#



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: 44.54 ng

RT: 19.83 min Scan# 2764

Delta R.T. -0.02 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

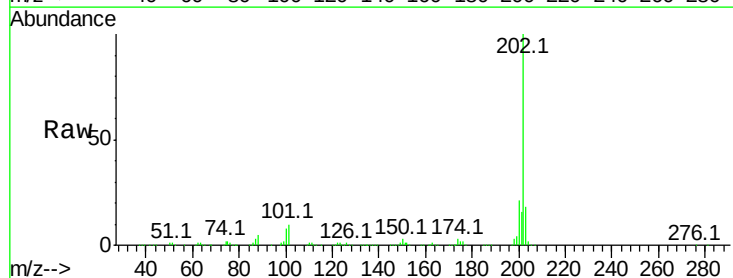
Tgt Ion:202 Resp: 688804

Ion Ratio Lower Upper

202 100

101 9.7 0.0 30.1

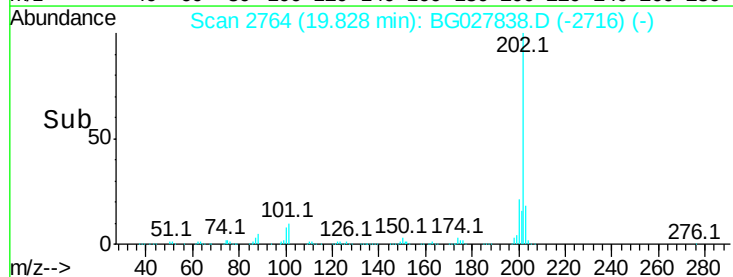
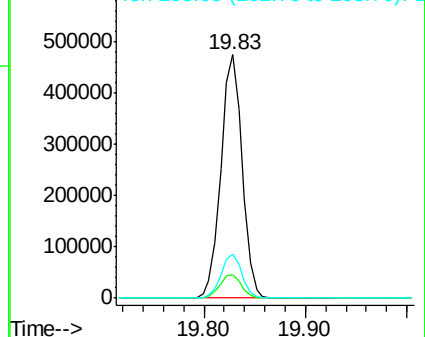
203 17.8 1.3 41.3

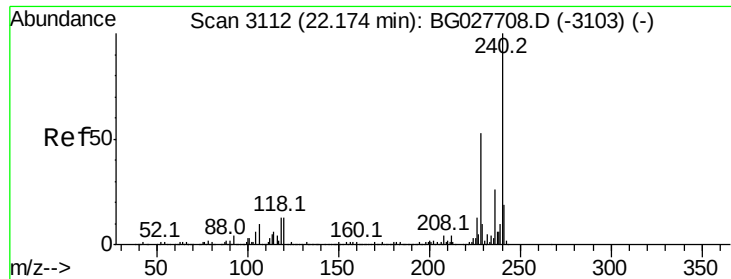


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 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 :

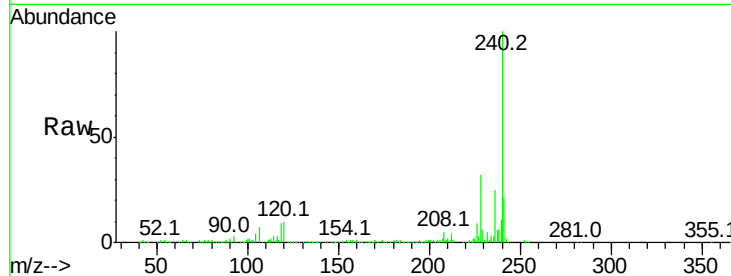
Tot Ion:240 Resp: 261443

Ion Ratio Lower Upper

240 100

120 9.7 5.7 8.5#

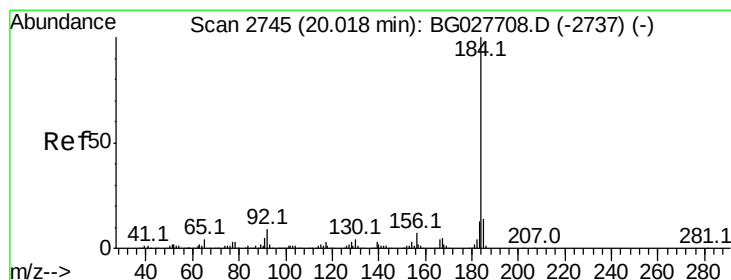
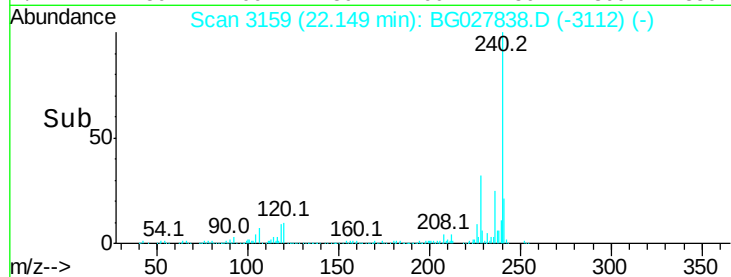
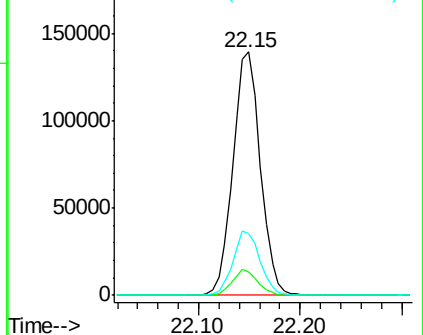
236 25.4 22.2 33.4



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: 10.47 ng

RT: 20.03 min Scan# 2799

Delta R.T. 0.02 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

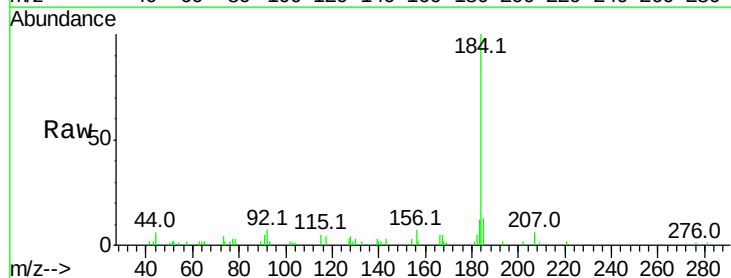
Tgt Ion:184 Resp: 48368

Ion Ratio Lower Upper

184 100

185 13.5 13.0 19.6

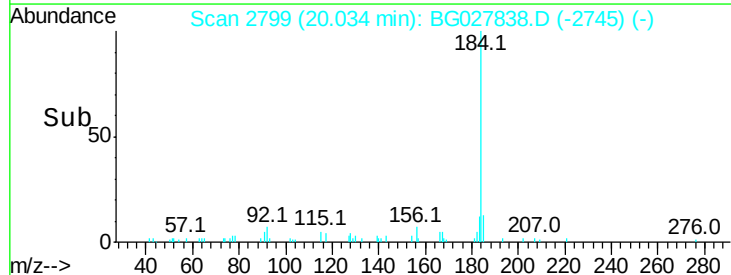
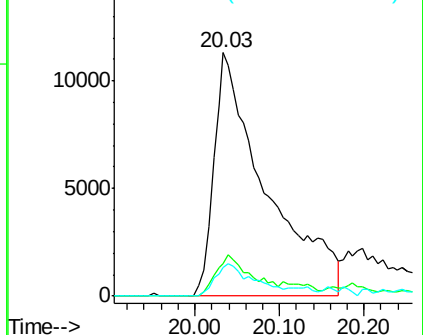
183 11.8 11.0 16.6

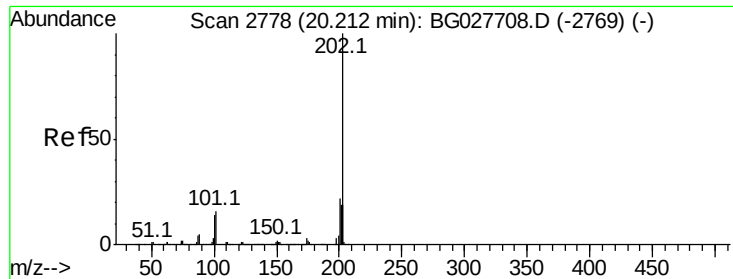


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

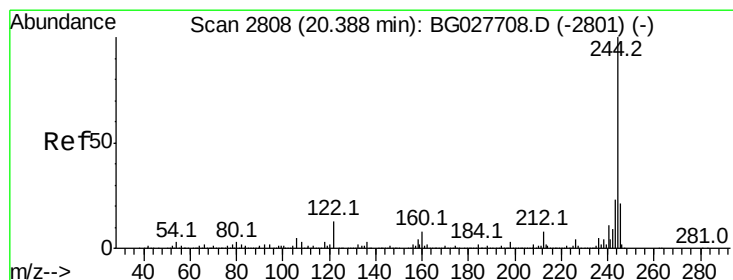
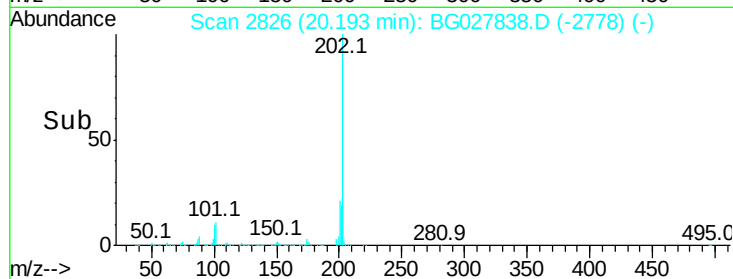
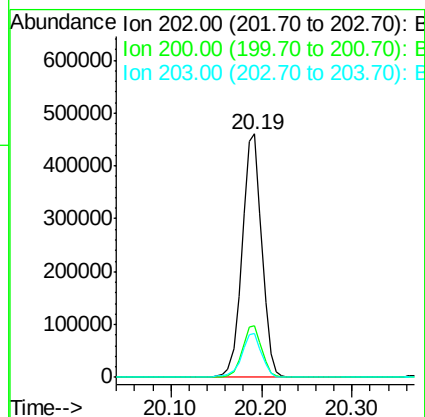
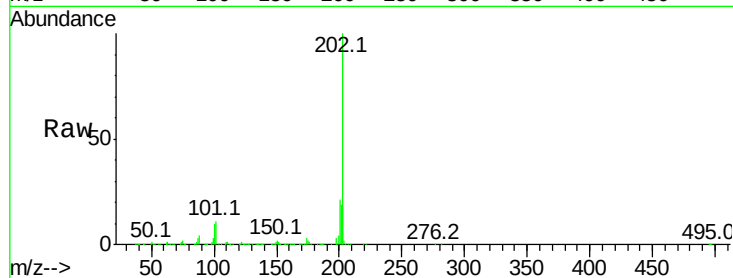




#77
Pvrene
Concen: 42.35 ng
RT: 20.19 min Scan# 2826
Delta R.T. -0.02 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

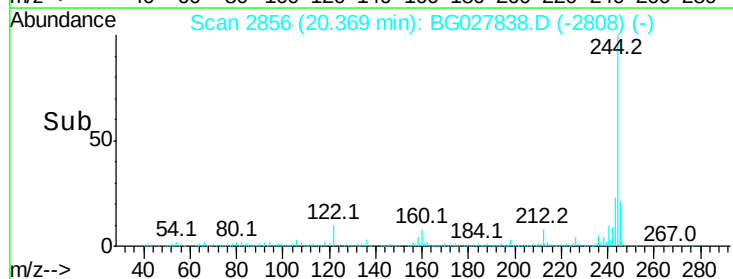
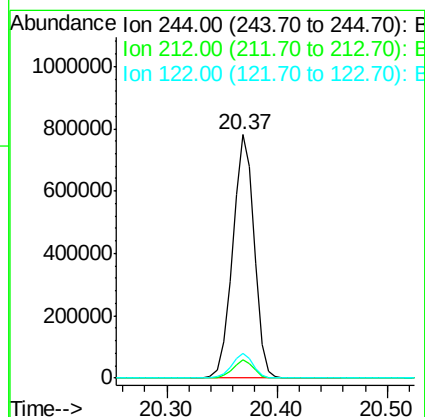
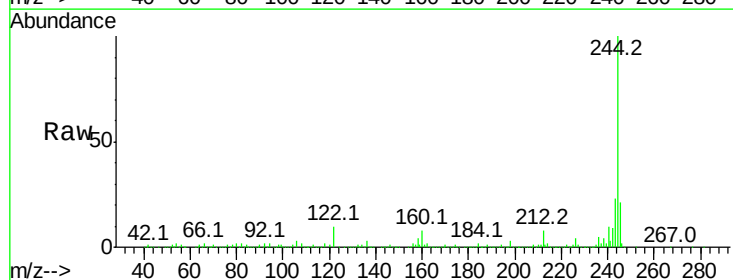
Instrument :
BNA_G
ClientSampleId :

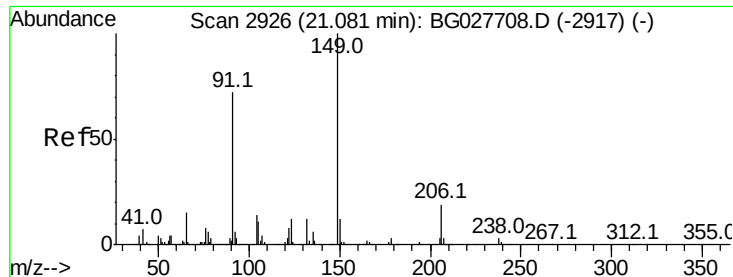
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	19.6	29.4
203	18.1	15.8	23.8



#78
Terphenyl-d14
Concen: 95.13 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	Ratio	Lower	Upper
244	100		
212	7.6	10.0	15.0#
122	10.0	8.6	12.8

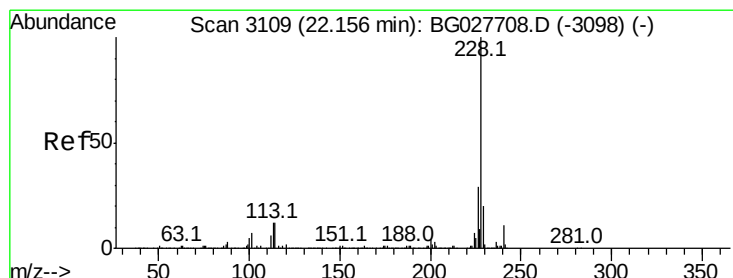
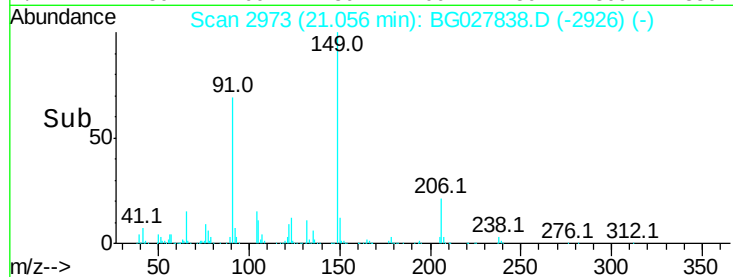
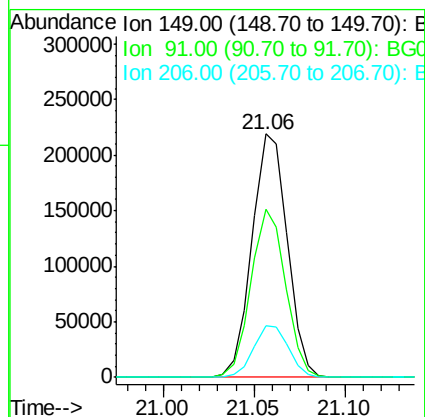
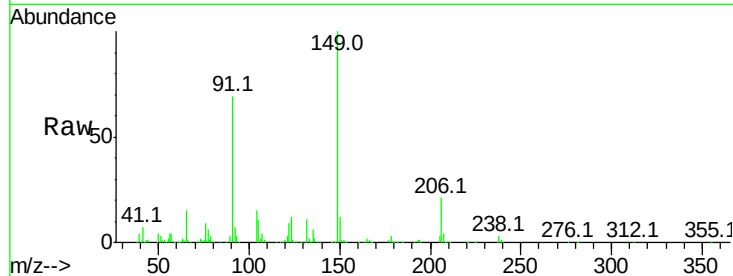




#79
Butylbenzylphthalate
Concen: 40.04 ng
RT: 21.06 min Scan# 2973
Delta R.T. -0.02 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

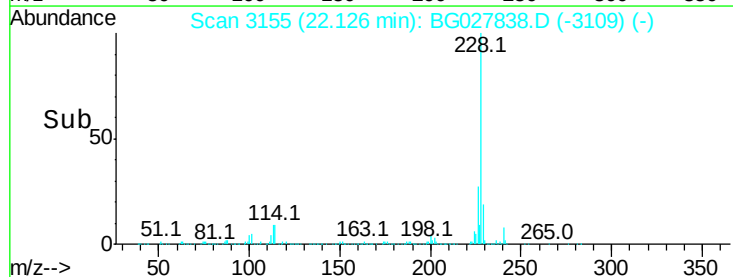
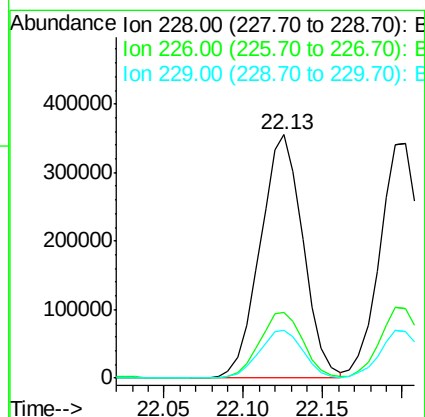
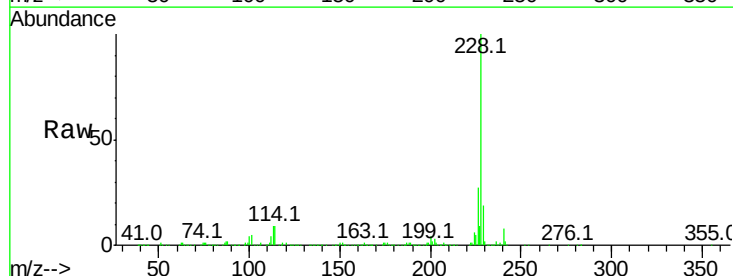
Instrument :
BNA_G
ClientSampled :

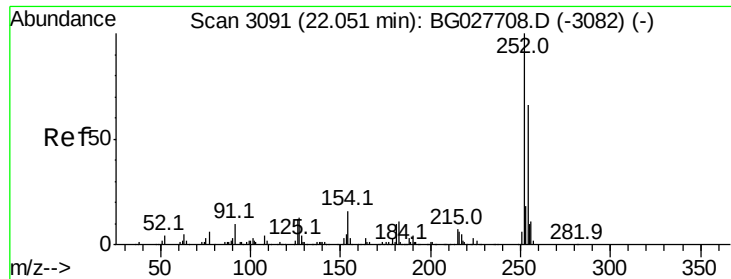
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.9	63.5	95.3
206	21.2	21.0	31.6



#80
Benzo(a)anthracene
Concen: 42.13 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

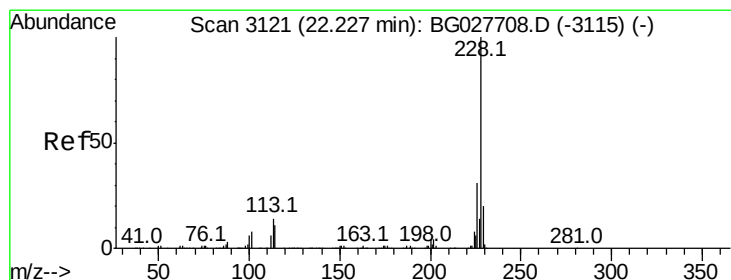
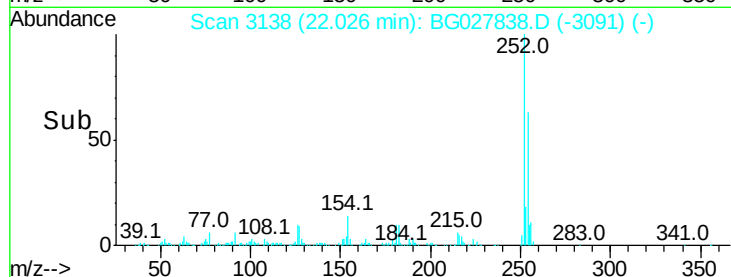
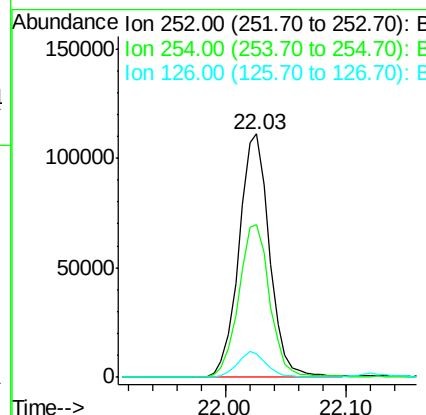
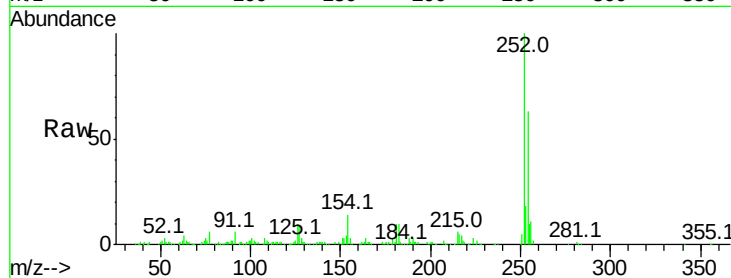




#81
 3,3'-Dichlorobenzidine
 Concen: 34.19 ng
 RT: 22.03 min Scan# 3138
 Delta R.T. -0.02 min
 Lab File: BG027838.D
 Acq: 3 Jul 2017 18:54

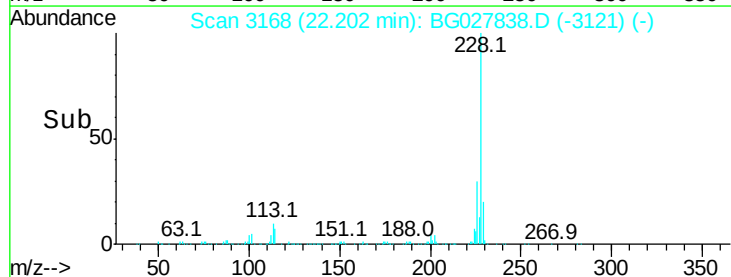
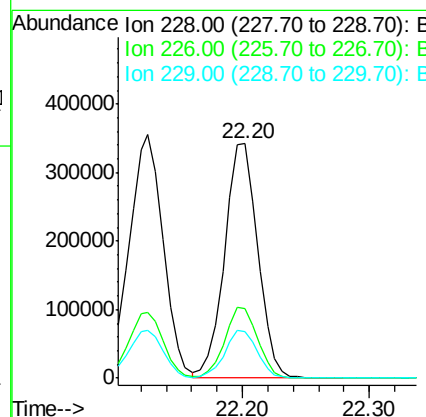
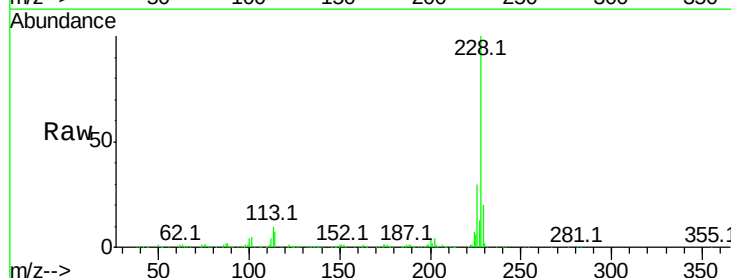
Instrument :
 BNA_G
 ClientSampled :

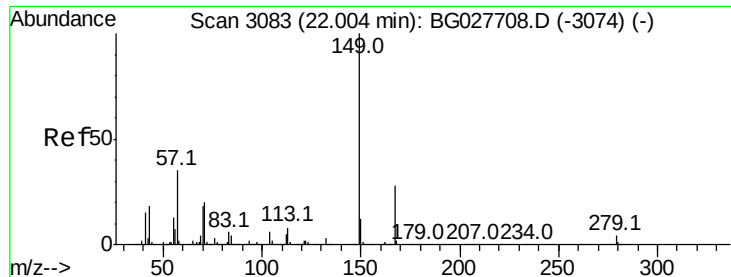
Tot Ion:252 Resp: 196114
 Ion Ratio Lower Upper
 252 100
 254 63.0 53.1 79.7
 126 9.7 7.0 10.4



#82
 Chrysene
 Concen: 41.75 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

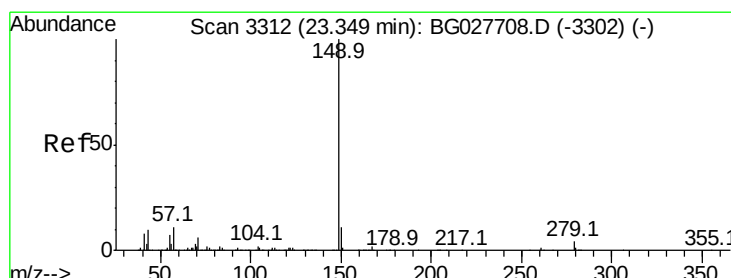
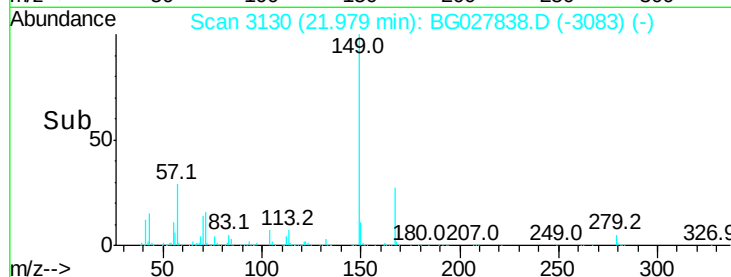
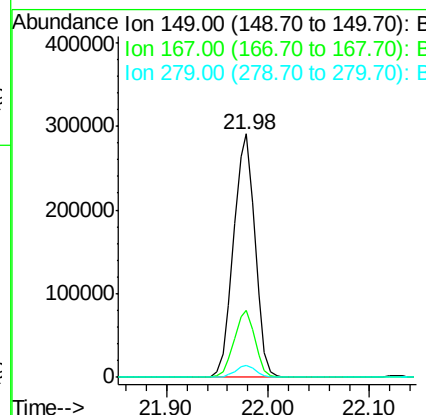
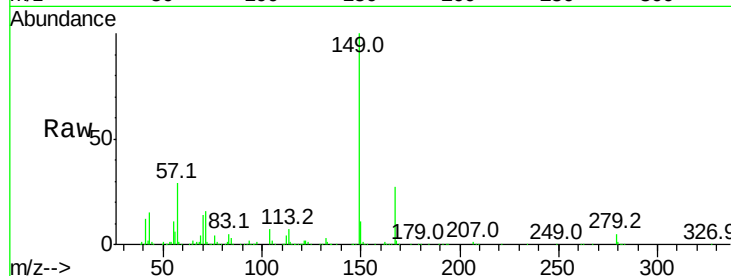




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.47 ng
 RT: 21.98 min Scan# 3130
 Delta R.T. -0.02 min
 Lab File: BG027838.D
 Acq: 3 Jul 2017 18:54

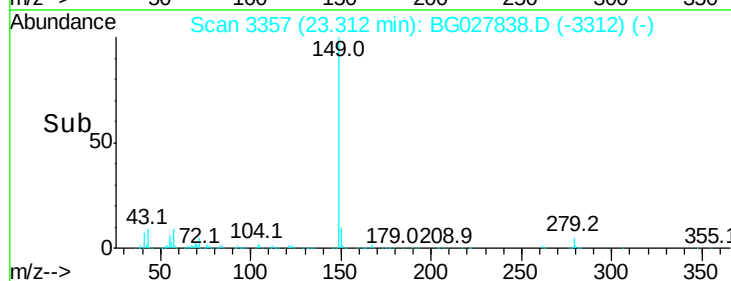
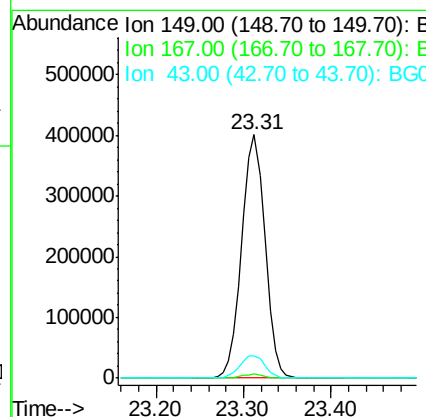
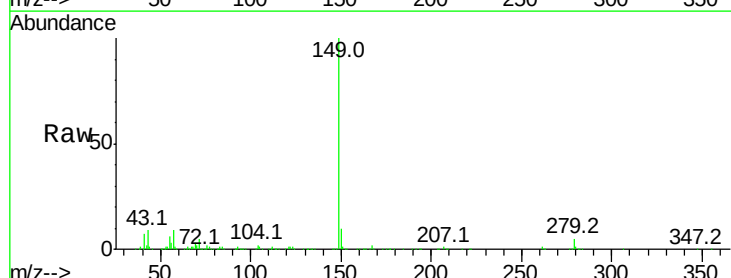
Instrument :
 BNA_G
 ClientSampleId :

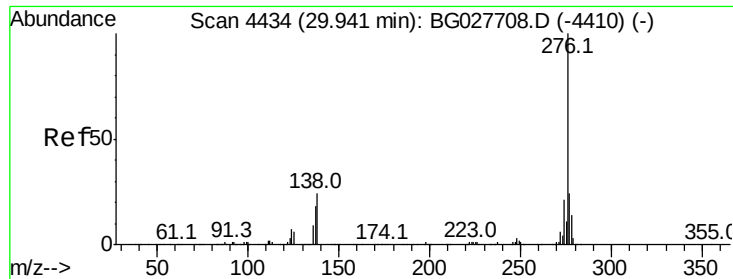
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.2	23.7	35.5
279	4.9	4.6	6.8



#84
 Di-n-octyl phthalate
 Concen: 40.33 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	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.2
43	9.8	11.8	17.6

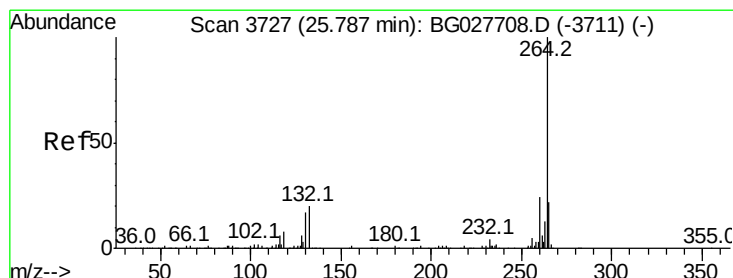
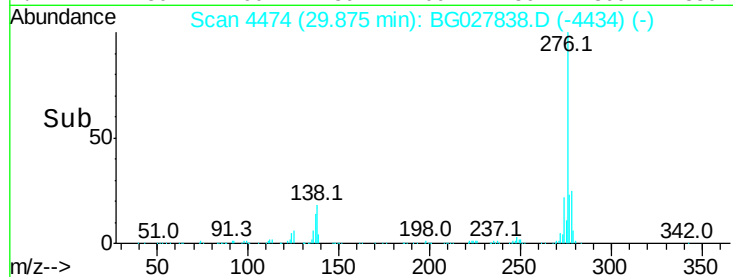
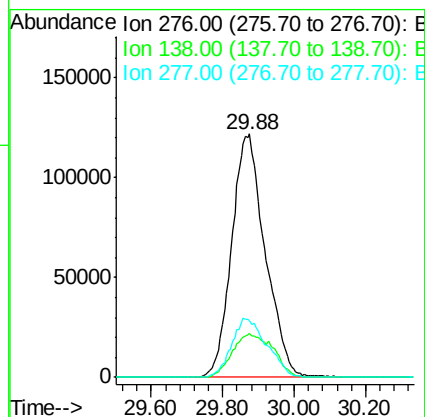
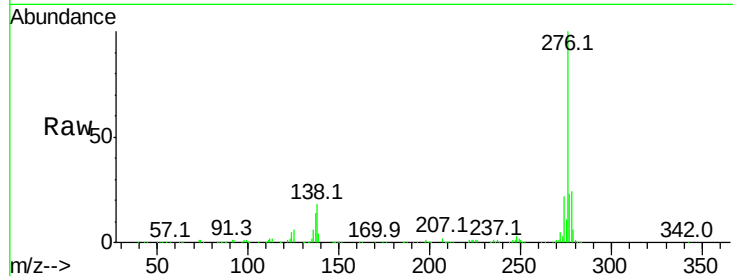




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.82 ng
 RT: 29.88 min Scan# 4474
 Delta R.T. -0.07 min
 Lab File: BG027838.D
 Acq: 3 Jul 2017 18:54

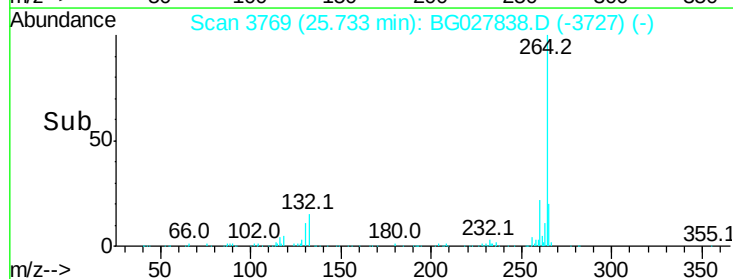
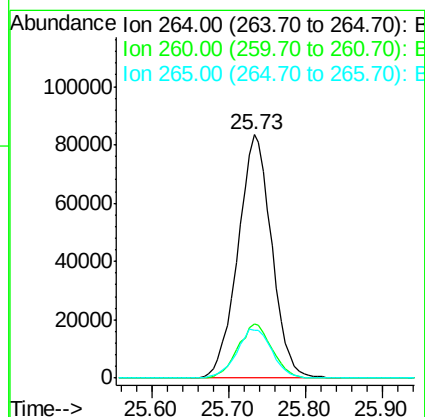
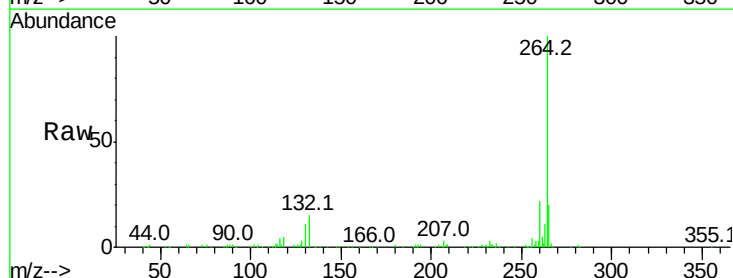
Instrument :
 BNA_G
 ClientSampleId :

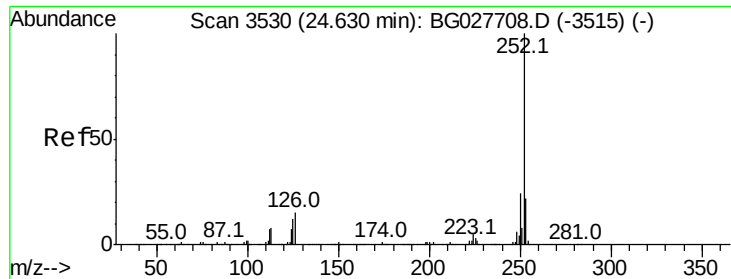
Tot Ion:276 Resp: 792799
 Ion Ratio Lower Upper
 276 100
 138 21.8 4.7 7.1#
 277 25.7 20.6 31.0



#86
 Perylene-d12
 Concen: 20.00 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: 40.77 ng

RT: 24.59 min Scan# 3574

Delta R.T. -0.04 min

Lab File: BG027838.D

Acq: 3 Jul 2017 18:54

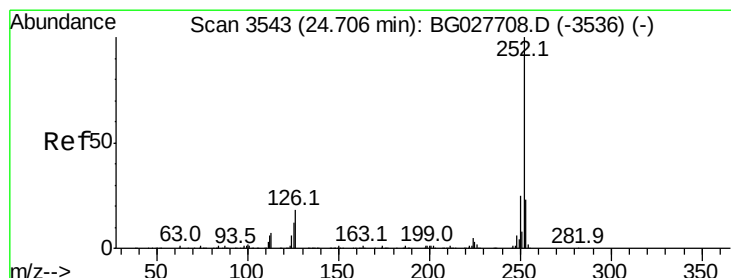
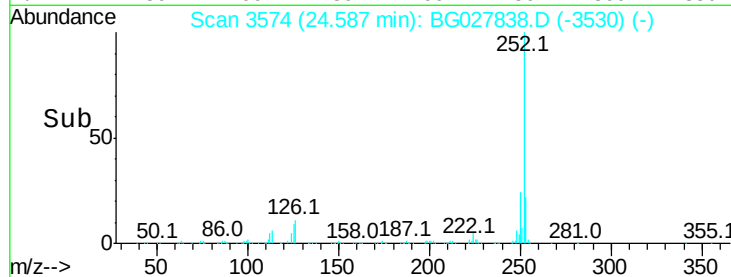
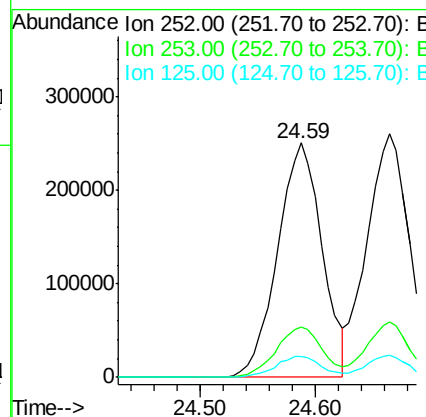
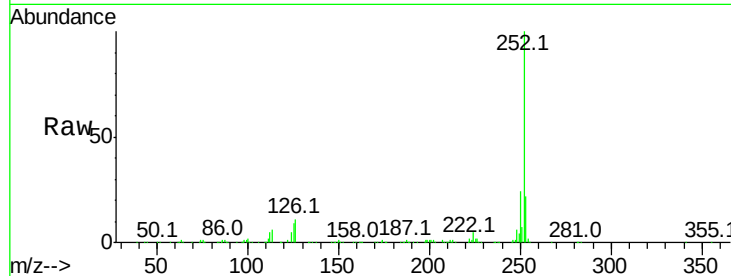
Instrument :

BNA_G

ClientSampleId :

Tot 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: 40.85 ng

RT: 24.66 min Scan# 3587

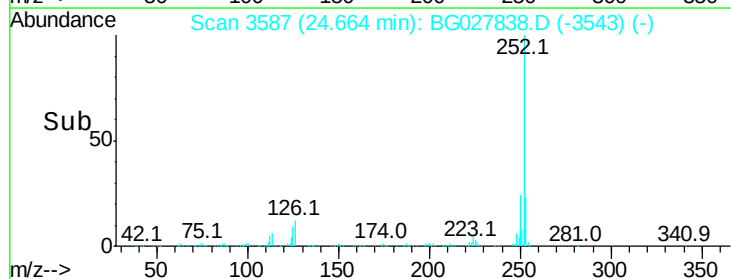
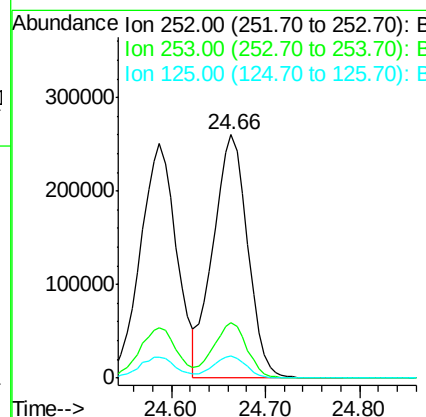
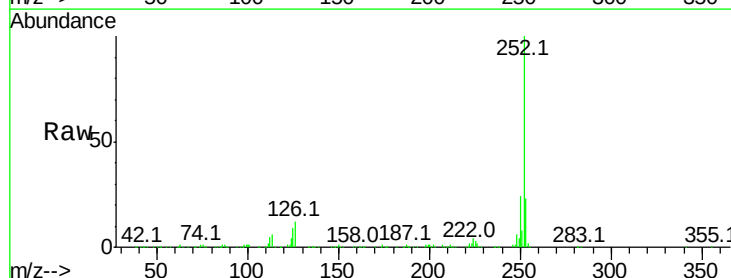
Delta R.T. -0.04 min

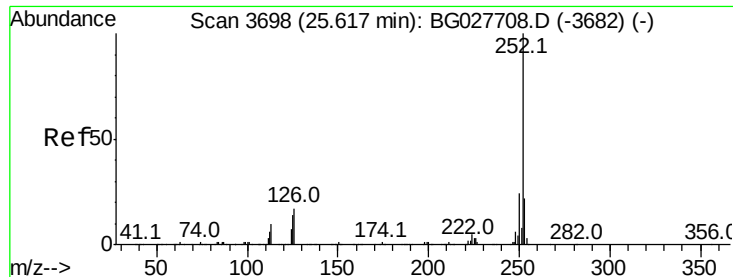
Lab File: BG027838.D

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#

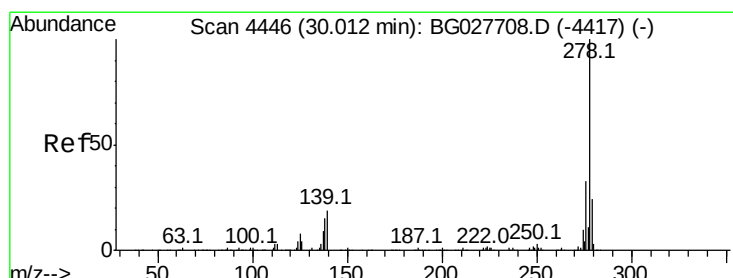
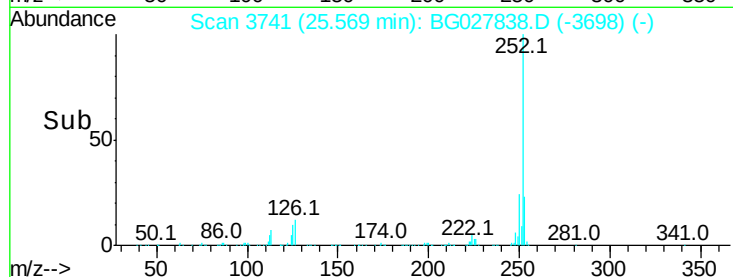
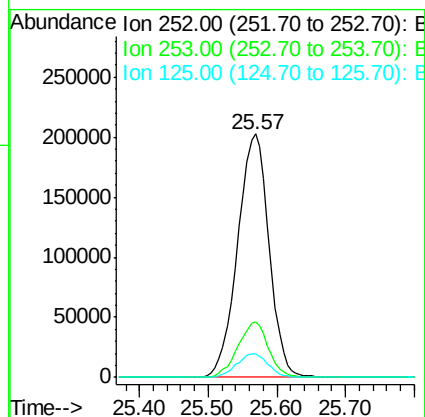
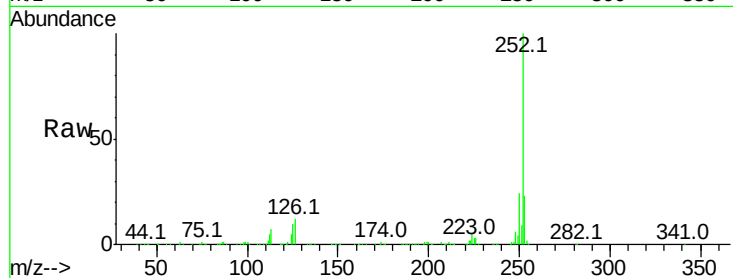




#89
Benzo(a)pyrene
Concen: 41.78 ng
RT: 25.57 min Scan# 3741
Delta R.T. -0.05 min
Lab File: BG027838.D
Acq: 3 Jul 2017 18:54

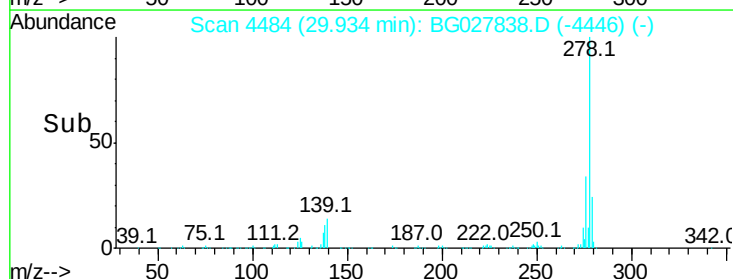
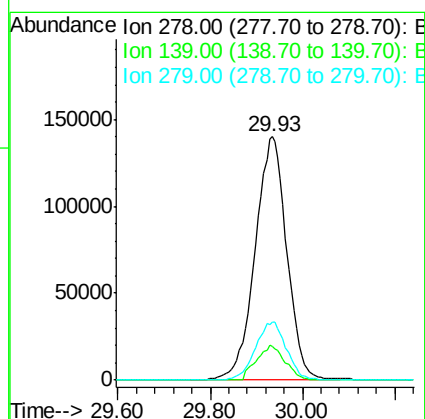
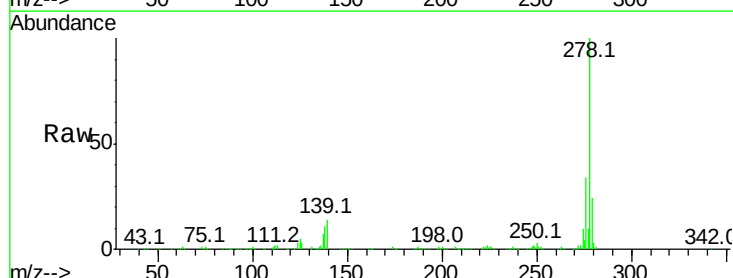
Instrument :
BNA_G
ClientSampleId :

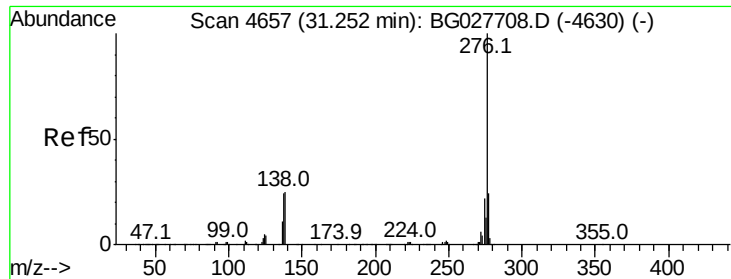
Tot Ion:252 Resp: 645292
Ion Ratio Lower Upper
252 100
253 22.6 19.2 28.8
125 9.8 5.4 8.0#



#90
Dibenzo(a,h)anthracene
Concen: 42.72 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(a,h,i)perylene
 Concen: 42.06 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 :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	27.8
138	19.1	8.1	12.1

