

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
 Data File : BG027228.D
 Acq On : 6 Jun 2017 1:09
 Operator : SJ/MA
 Sample : I3407-02MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 06 04:06:41 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	59216	20.00	ng	0.00
21) Naphthalene-d8	11.39	136	276589	20.00	ng	0.00
38) Acenaphthene-d10	15.16	164	176202	20.00	ng	0.00
63) Phenanthrene-d10	17.91	188	391941	20.00	ng	0.00
75) Chrysene-d12	22.30	240	448469	20.00	ng	0.00
86) Perylene-d12	26.00	264	421232	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	6.15	112	192346	49.57	ng	0.00
7) Phenol-d6	7.70	99	174172	30.58	ng	0.00
23) Nitrobenzene-d5	9.73	82	356743	81.11	ng	0.00
41) 2,4,6-Tribromophenol	16.64	330	269278	116.05	ng	0.00
44) 2-Fluorobiphenyl	13.78	172	898842	71.36	ng	0.00
78) Terphenyl-d14	20.49	244	1210470	68.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	4.16	88	18823	11.70	ng	# 77
3) Pyridine	4.55	79	44889	9.05	ng	# 71
4) n-Nitrosodimethylamine	4.46	42	26149	14.24	ng	# 60
6) Aniline	7.89	93	128637	17.93	ng	# 89
8) 2-Chlorophenol	8.14	128	126220	30.80	ng	# 89
9) Benzaldehyde	7.72	77	75238	19.10	ng	# 1
10) Phenol	7.72	94	66443	11.41	ng	# 78
11) bis(2-Chloroethyl)ether	7.98	93	156580	32.77	ng	# 84
12) 1,3-Dichlorobenzene	8.46	146	146298	31.65	ng	# 91
13) 1,4-Dichlorobenzene	8.61	146	150776	31.79	ng	# 95
14) 1,2-Dichlorobenzene	8.93	146	147769	31.94	ng	# 94
15) Benzyl Alcohol	8.79	79	87887	21.90	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	9.09	45	214147	31.32	ng	# 89
17) 2-Methylphenol	8.98	107	98460	23.91	ng	# 85
18) Hexachloroethane	9.66	117	80522	50.40	ng	# 31
19) n-Nitroso-di-n-propylamine	9.36	70	135903	34.10	ng	# 85
20) 3+4-Methylphenols	9.30	107	120490	21.12	ng	# 88
22) Acetophenone	9.39	105	340146	48.09	ng	# 81
24) Nitrobenzene	9.77	77	190307	37.98	ng	# 87
25) Isophorone	10.30	82	369907	35.77	ng	# 96
26) 2-Nitrophenol	10.49	139	78738	39.60	ng	# 74
27) 2,4-Dimethylphenol	10.53	122	157733	35.47	ng	# 90
28) bis(2-Chloroethoxy)methane	10.77	93	234052	34.95	ng	# 99
29) 2,4-Dichlorophenol	11.02	162	151831	37.40	ng	# 98
30) 1,2,4-Trichlorobenzene	11.24	180	156443	34.81	ng	# 95
31) Naphthalene	11.44	128	1030229	68.15	ng	# 99
32) Benzoic acid	10.60	122	25201	14.85	ng	# 87
33) 4-Chloroaniline	11.54	127	152234	24.17	ng	# 88
34) Hexachlorobutadiene	11.72	225	90783	32.86	ng	# 97
36) 4-Chloro-3-methylphenol	12.61	107	169699	33.36	ng	# 90
37) 2-Methylnaphthalene	13.22	142	455302	41.29	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	13.36	216	187173	34.10	ng	# 98
40) Hexachlorocyclopentadiene	13.34	237	180114	61.65	ng	# 97
42) 2,4,6-Trichlorophenol	13.59	196	134688	40.45	ng	# 98

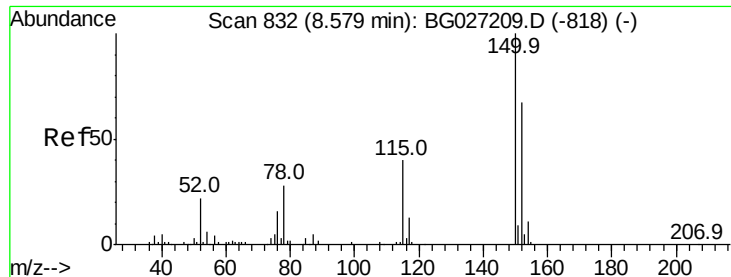
Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.66	196	140198	37.63	nq	95
45) 1,1'-Biphenyl	13.99	154	518690	36.06	nq	97
46) 2-Chloronaphthalene	14.04	162	382129	35.44	nq	99
47) 2-Nitroaniline	14.23	65	119246	40.18	nq	# 80
48) Acenaphthylene	14.88	152	606660	33.24	nq	97
49) Dimethylphthalate	14.60	163	586670	41.97	nq	97
50) 2,6-Dinitrotoluene	14.72	165	105406	38.39	nq	# 77
51) Acenaphthene	15.22	154	452252	38.10	nq	100
52) 3-Nitroaniline	15.05	138	73542	27.46	nq	84
53) 2,4-Dinitrophenol	15.24	184	111614	81.07	nq	# 88
54) Dibenzofuran	15.55	168	614543	37.05	nq	92
55) 4-Nitrophenol	15.33	139	66500	29.38	nq	# 59
56) 2,4-Dinitrotoluene	15.50	165	141474	40.26	nq	# 85
57) Fluorene	16.20	166	496852	33.72	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.69	232	131615	39.57	nq	92
59) Diethylphthalate	15.95	149	506084	36.30	nq	99
60) 4-Chlorophenyl-phenylether	16.18	204	254908	34.35	nq	93
61) 4-Nitroaniline	16.21	138	103876	36.13	nq	# 63
62) Azobenzene	16.48	77	498881	38.61	nq	89
64) 4,6-Dinitro-2-methylphenol	16.26	198	80069	46.54	nq	91
65) n-Nitrosodiphenylamine	16.40	169	446164	36.31	nq	99
66) 4-Bromophenyl-phenylether	17.08	248	165304	35.63	nq	97
67) Hexachlorobenzene	17.21	284	173982	34.87	nq	90
68) Atrazine	17.34	200	150569	36.64	nq	97
69) Pentachlorophenol	17.54	266	229519	78.48	nq	97
70) Phenanthrene	17.95	178	774678	35.13	nq	95
71) Anthracene	18.04	178	792537	35.87	nq	98
72) Carbazole	18.31	167	705148	33.84	nq	95
73) Di-n-butylphthalate	18.83	149	851965	42.17	nq	# 94
74) Fluoranthene	19.94	202	886837	37.65	nq	94
77) Pyrene	20.30	202	905088	33.40	nq	97
79) Butylbenzylphthalate	21.19	149	382734	39.97	nq	91
80) Benzo(a)anthracene	22.28	228	906610	35.45	nq	96
81) 3,3'-Dichlorobenzidine	22.17	252	181004	18.19	nq	96
82) Chrysene	22.35	228	826706	33.67	nq	97
83) Bis(2-ethylhexyl)phthalate	22.15	149	551700	38.13	nq	100
84) Di-n-octyl phthalate	23.54	149	929172	38.77	nq	# 88
85) Indeno(1,2,3-cd)pyrene	30.27	276	1066284	35.86	nq	# 89
87) Benzo(b)fluoranthene	24.82	252	928812	35.55	nq	# 96
88) Benzo(k)fluoranthene	24.90	252	896008	34.96	nq	# 94
89) Benzo(a)pyrene	25.83	252	876994	35.66	nq	# 94
90) Dibenzo(a,h)anthracene	30.37	278	910096	35.35	nq	# 94
91) Benzo(g,h,i)perylene	31.62	276	871021	34.94	nq	# 89

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

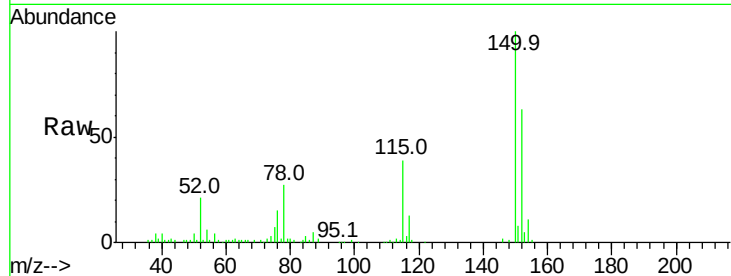


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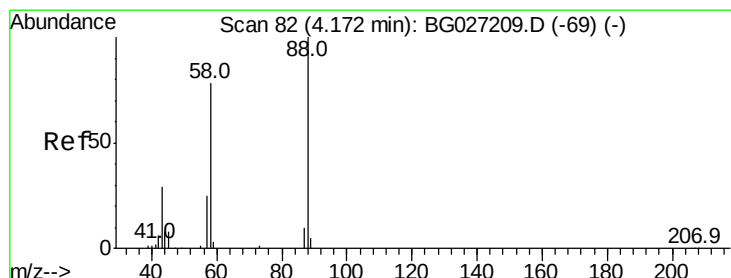
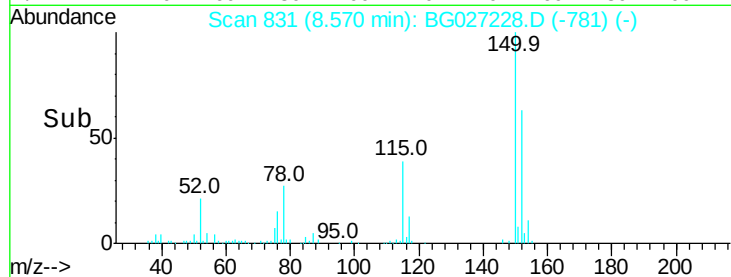
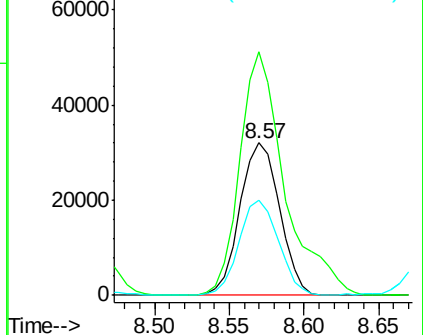
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.57 min Scan# 831
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 59216
Ion Ratio Lower Upper
152 100
150 159.6 114.0 171.0
115 62.4 48.1 72.1



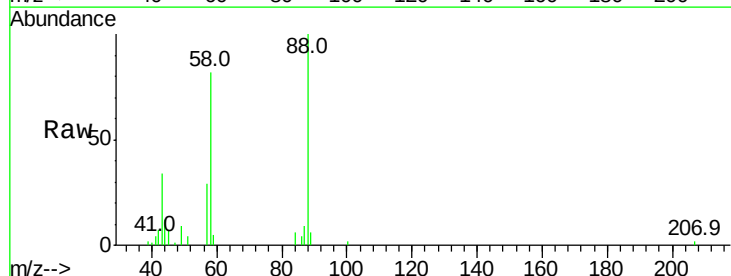
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



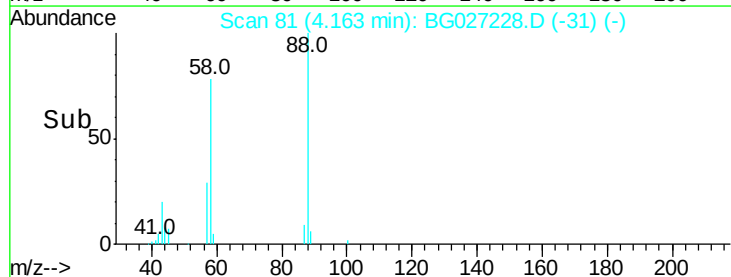
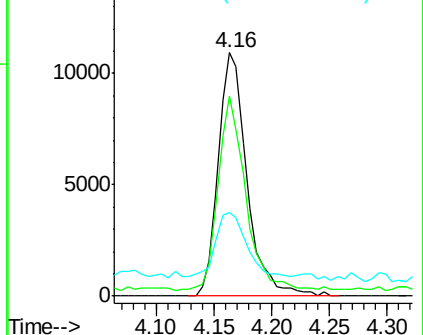
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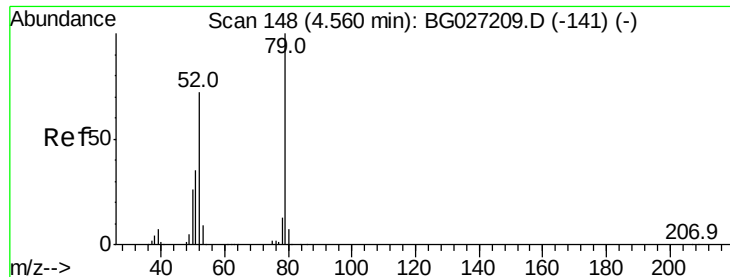
1,4-Dioxane
Concen: 11.70 ng
RT: 4.16 min Scan# 81
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Tgt Ion: 88 Resp: 18823
Ion Ratio Lower Upper
88 100
58 76.2 79.4 119.2#
43 28.0 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

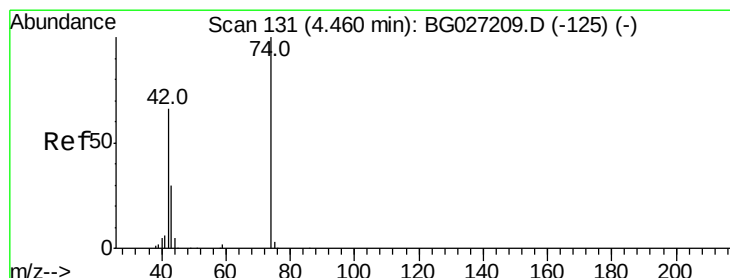
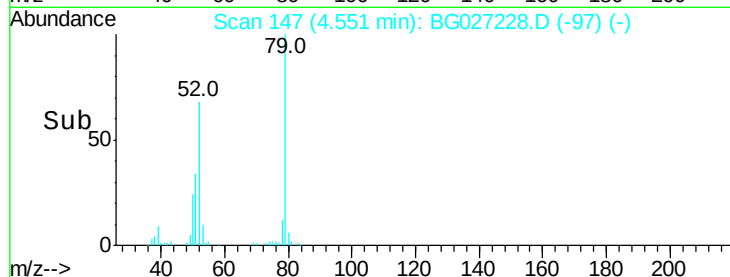
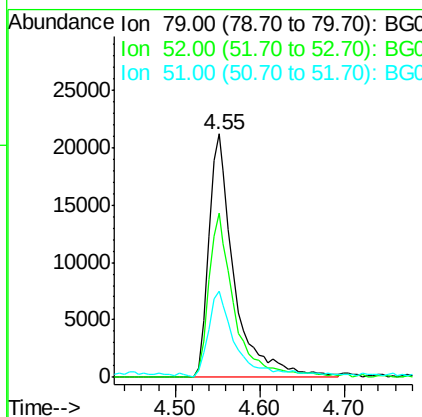
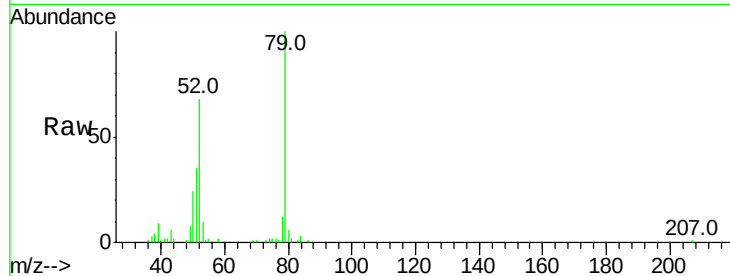




#3
 Pvridine
 Concen: 9.05 ng
 RT: 4.55 min Scan# 147
 Delta R.T. -0.01 min
 Lab File: BG027228.D
 Acq: 6 Jun 2017 1:09

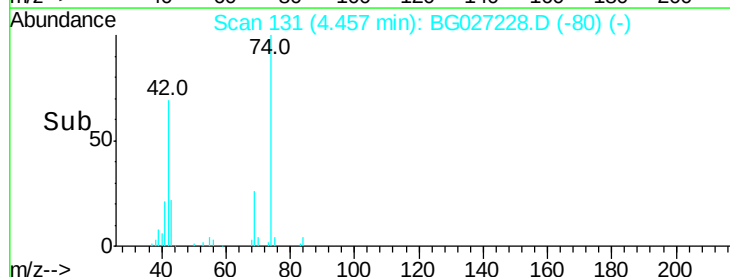
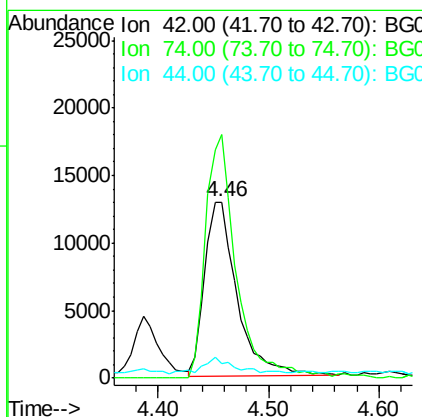
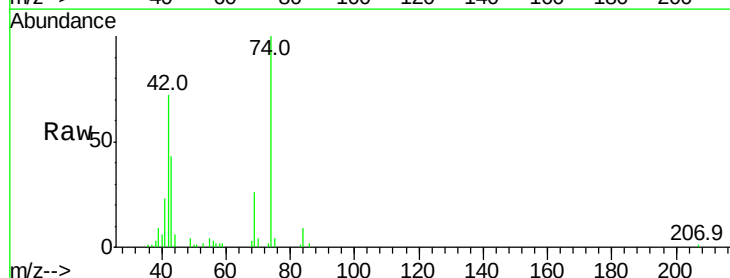
Instrument :
 BNA_G
 ClientSampleId :

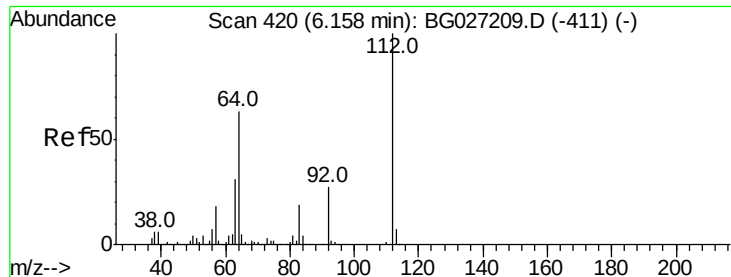
Tot Ion: 79 Resp: 44889
 Ion Ratio Lower Upper
 79 100
 52 67.7 77.8 116.6#
 51 35.4 43.2 64.8#



#4
 n-Nitrosodimethylamine
 Concen: 14.24 ng
 RT: 4.46 min Scan# 131
 Delta R.T. -0.00 min
 Lab File: BG027228.D
 Acq: 6 Jun 2017 1:09

Tgt Ion: 42 Resp: 26149
 Ion Ratio Lower Upper
 42 100
 74 138.2 76.7 115.1#
 44 8.6 6.1 9.1





#5

2-Fluorophenol

Concen: 49.57 ng

RT: 6.15 min Scan# 419

Delta R.T. -0.01 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Instrument :

BNA_G

ClientSampled :

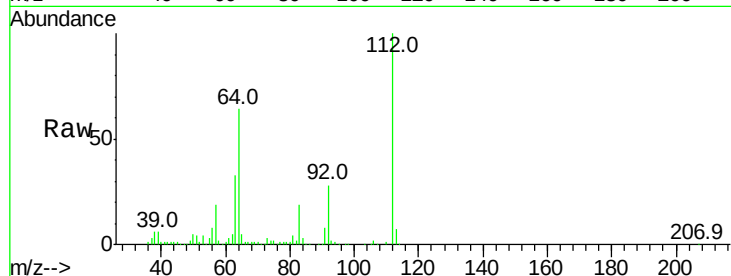
Tot Ion:112 Resp: 192346

Ion Ratio Lower Upper

112 100

64 64.4 61.8 92.6

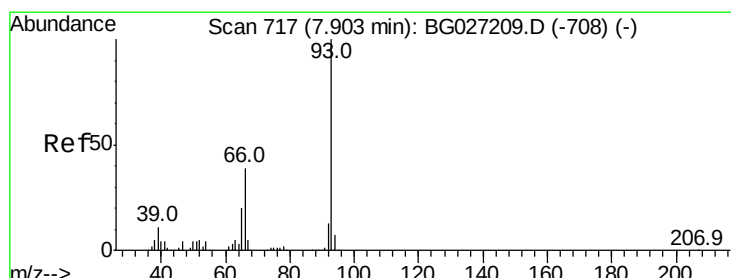
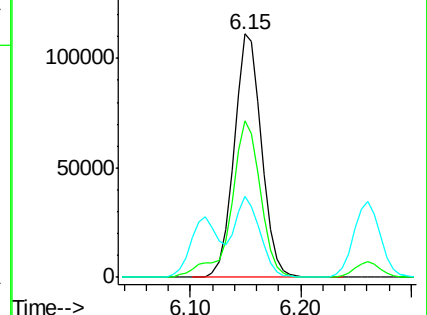
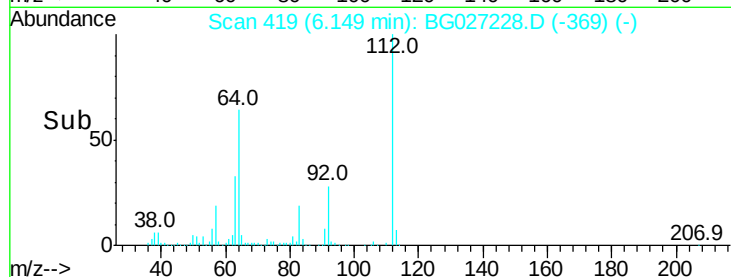
63 33.1 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 17.93 ng

RT: 7.89 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

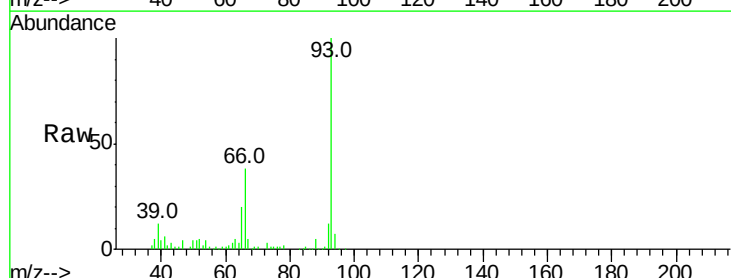
Tgt Ion: 93 Resp: 128637

Ion Ratio Lower Upper

93 100

66 38.1 35.4 53.2

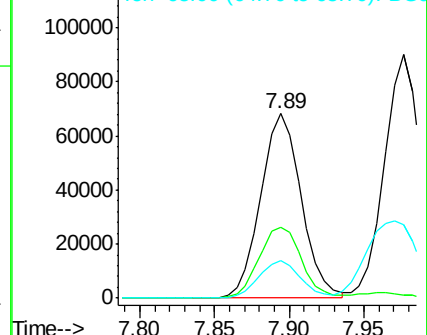
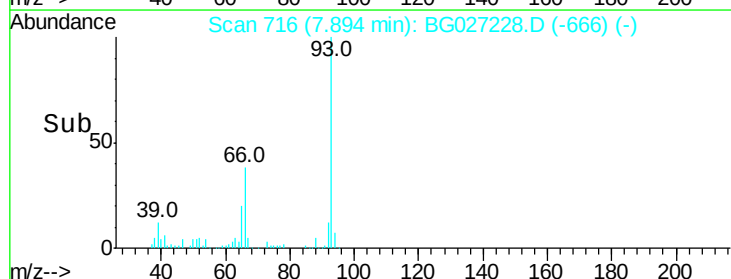
65 20.2 21.2 31.8#

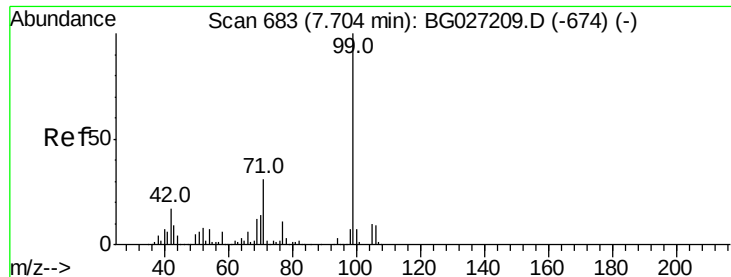


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 30.58 ng

RT: 7.70 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Instrument :

BNA_G

ClientSampleId :

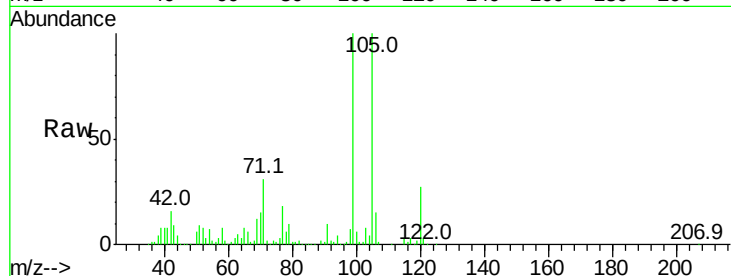
Tot Ion: 99 Resp: 174172

Ion Ratio Lower Upper

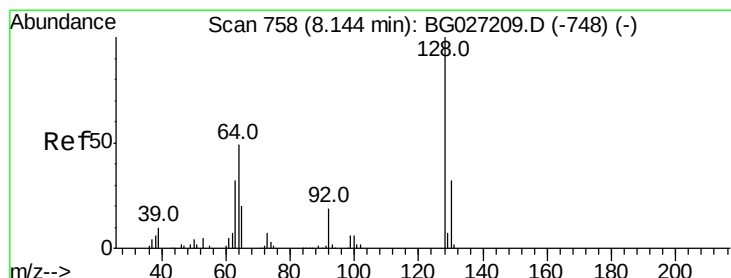
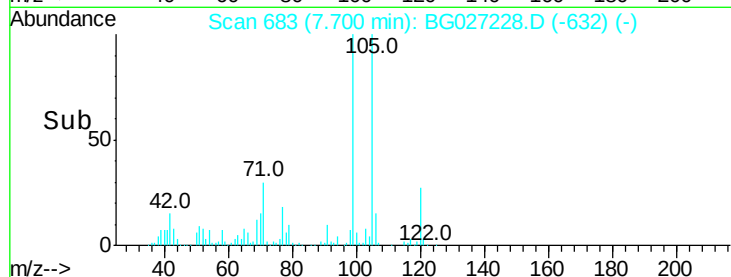
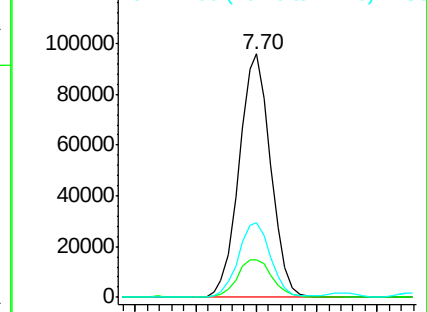
99 100

42 15.6 20.5 30.7#

71 30.7 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: 30.80 ng

RT: 8.14 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

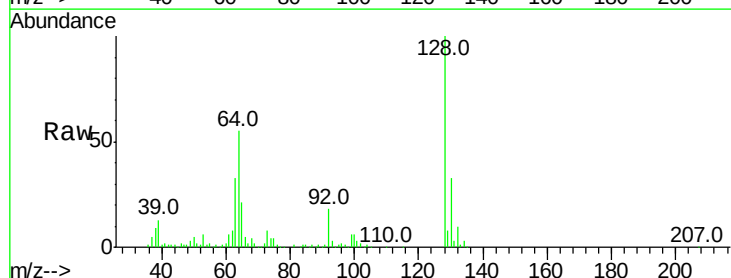
Tgt Ion: 128 Resp: 126220

Ion Ratio Lower Upper

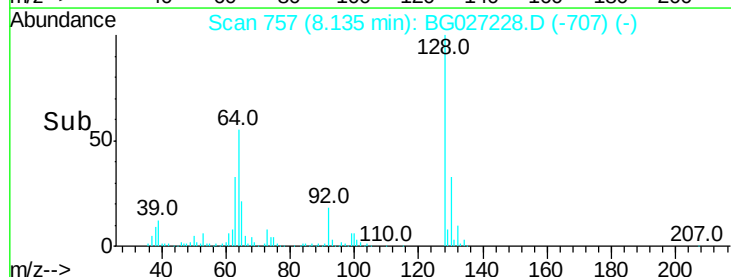
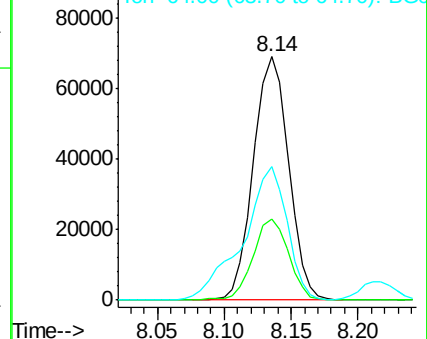
128 100

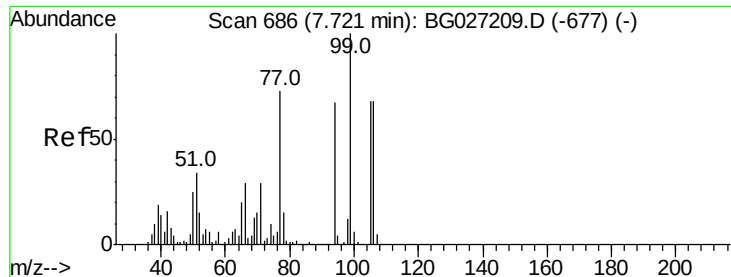
130 33.5 11.4 51.4

64 55.0 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: 19.10 ng

RT: 7.72 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Instrument :

BNA_G

ClientSampled :

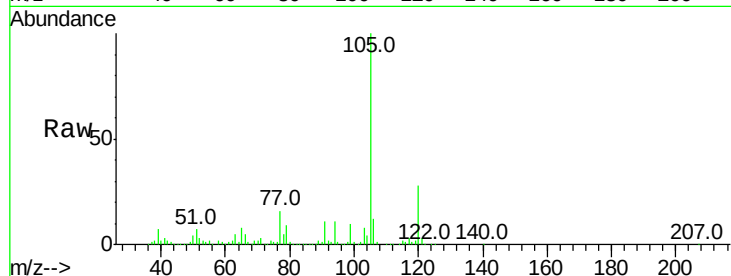
Tot Ion: 77 Resp: 75238

Ion Ratio Lower Upper

77 100

105 644.3 60.9 100.9#

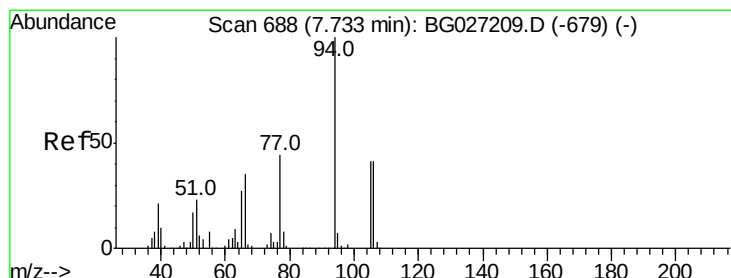
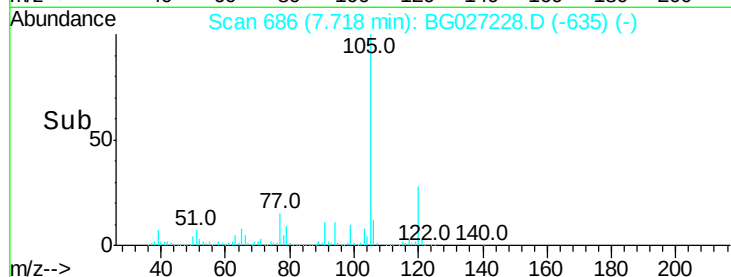
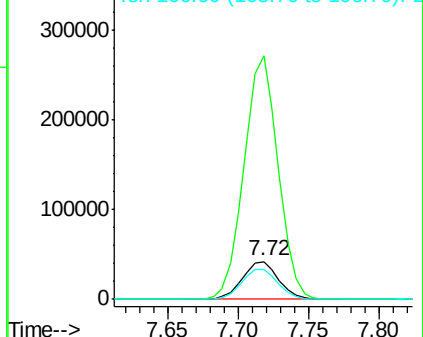
106 78.8 55.1 95.1



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: 11.41 ng

RT: 7.72 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

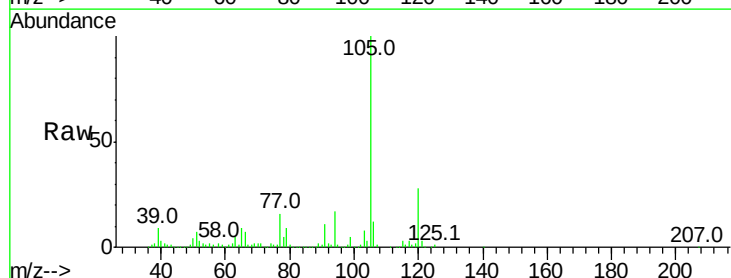
Tgt Ion: 94 Resp: 66443

Ion Ratio Lower Upper

94 100

65 54.1 20.6 60.6

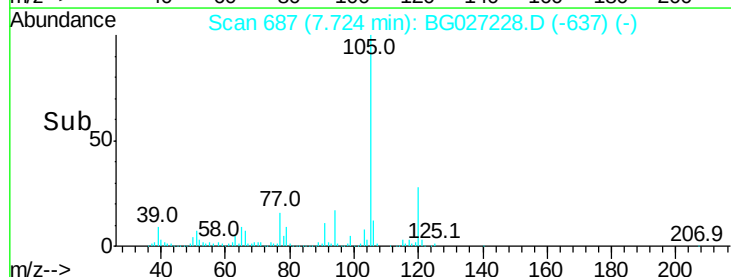
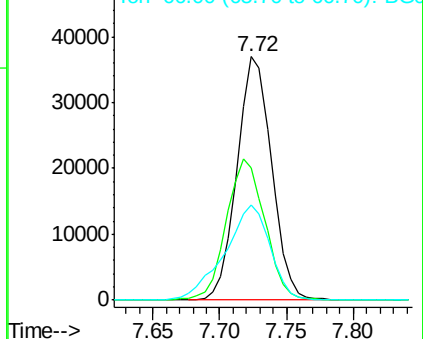
66 39.2 35.5 75.5

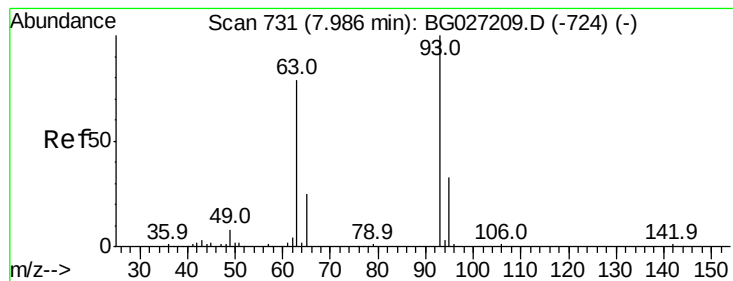


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

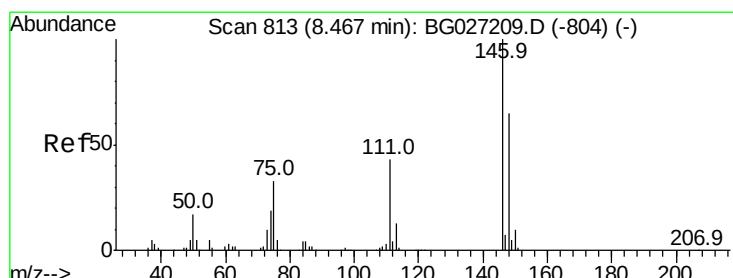
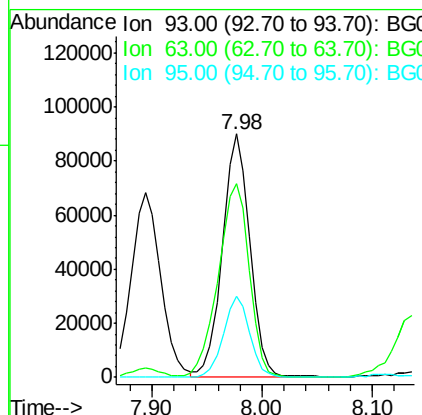
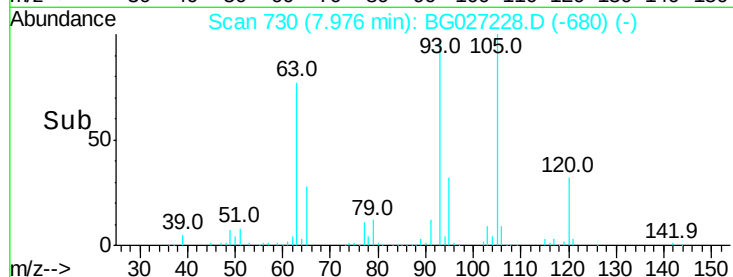
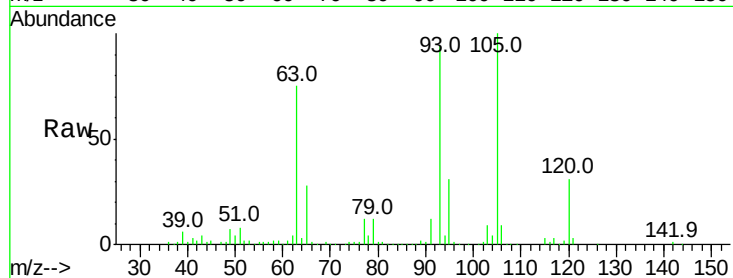




#11
 bis(2-Chloroethyl)ether
 Concen: 32.77 ng
 RT: 7.98 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BG027228.D
 Acq: 6 Jun 2017 1:09

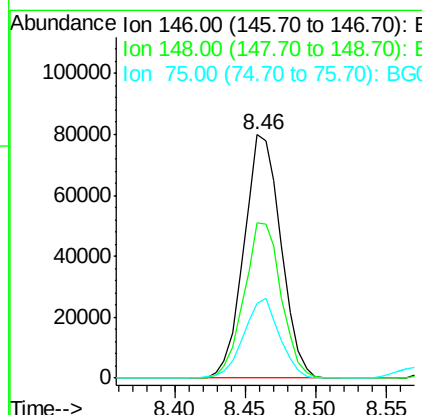
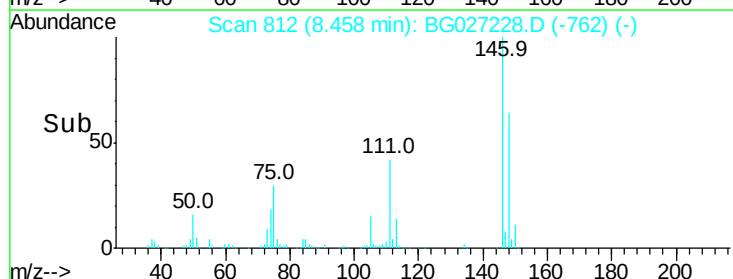
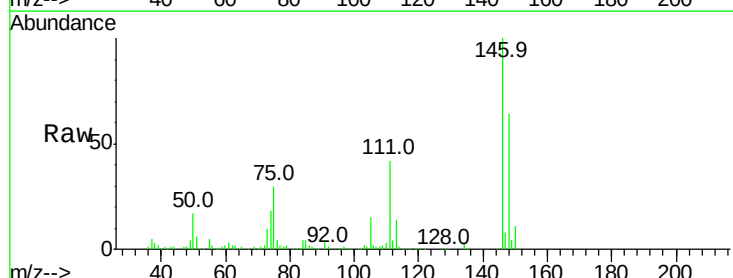
Instrument :
 BNA_G
 ClientSampled :

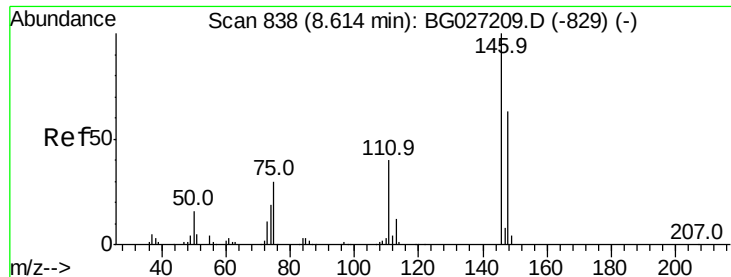
Tot Ion: 93 Resp: 156580
 Ion Ratio Lower Upper
 93 100
 63 79.5 78.5 118.5
 95 33.5 9.8 49.8



#12
 1,3-Dichlorobenzene
 Concen: 31.65 ng
 RT: 8.46 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BG027228.D
 Acq: 6 Jun 2017 1:09

Tgt Ion: 146 Resp: 146298
 Ion Ratio Lower Upper
 146 100
 148 63.6 49.2 73.8
 75 30.4 33.4 50.2#

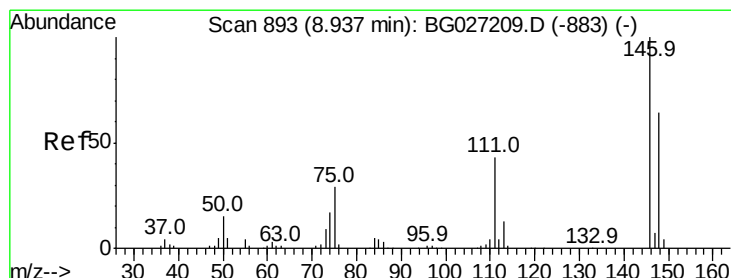
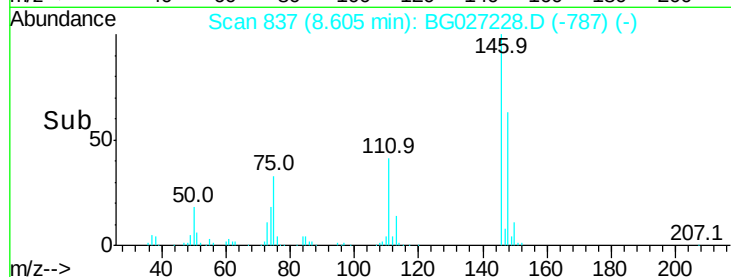
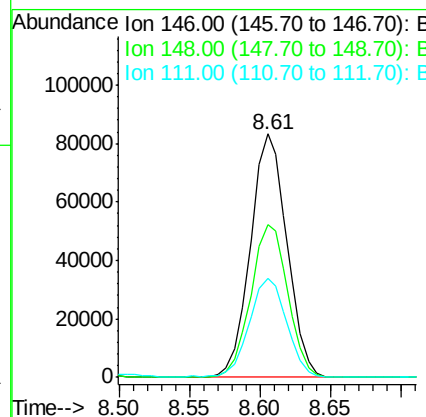
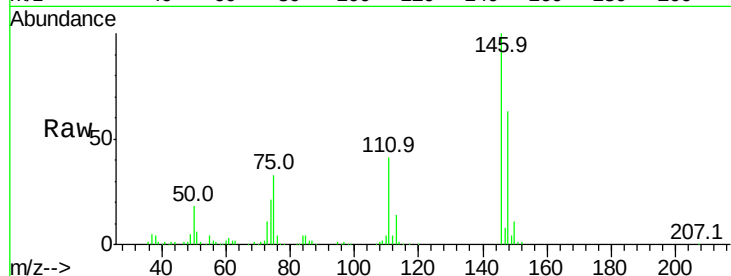




#13
1,4-Dichlorobenzene
Concen: 31.79 ng
RT: 8.61 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

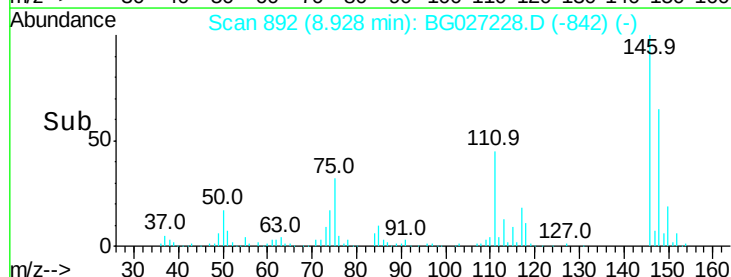
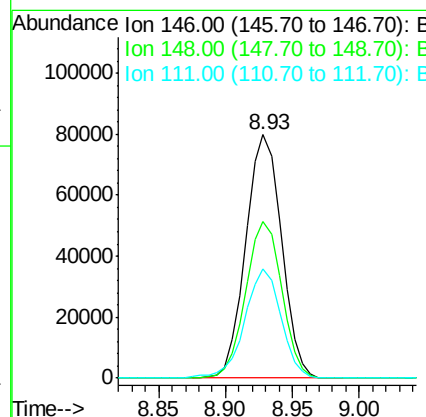
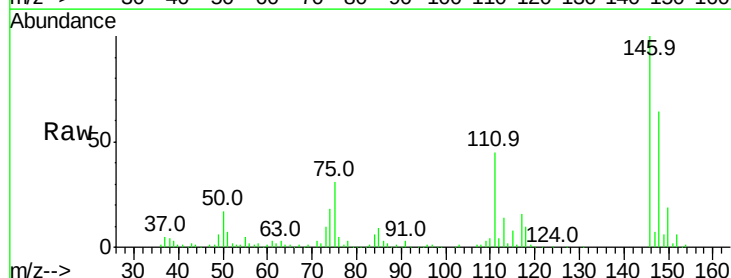
Instrument :
BNA_G
ClientSampled :

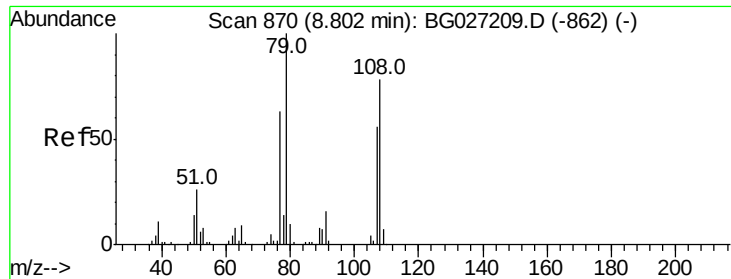
Tot Ion:146 Resp: 150776
Ion Ratio Lower Upper
146 100
148 62.6 52.2 78.2
111 40.7 37.0 55.6



#14
1,2-Dichlorobenzene
Concen: 31.94 ng
RT: 8.93 min Scan# 892
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Tgt Ion:146 Resp: 147769
Ion Ratio Lower Upper
146 100
148 64.2 54.6 81.8
111 44.7 39.7 59.5





#15

Benzyl Alcohol

Concen: 21.90 ng

RT: 8.79 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Instrument :

BNA_G

ClientSampleId :

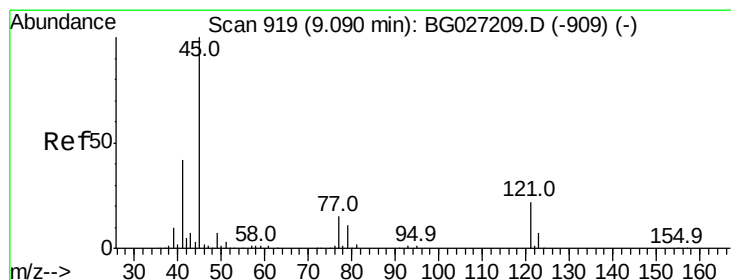
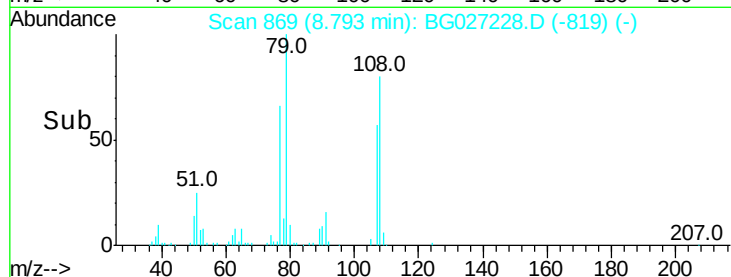
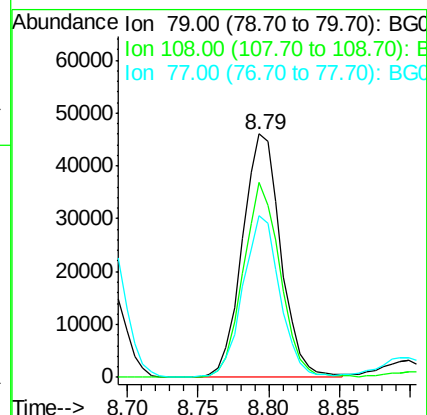
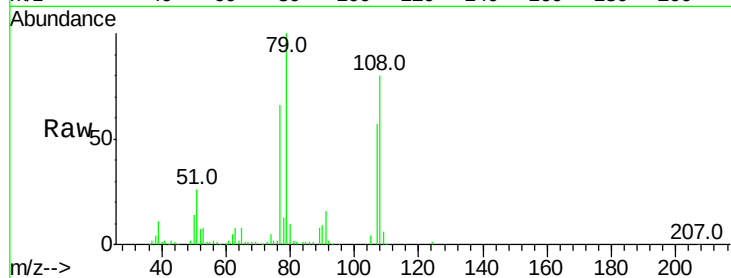
Tot Ion: 79 Resp: 87887

Ion Ratio Lower Upper

79 100

108 80.1 45.5 68.3#

77 66.4 54.3 81.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.32 ng

RT: 9.09 min Scan# 919

Delta R.T. -0.00 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

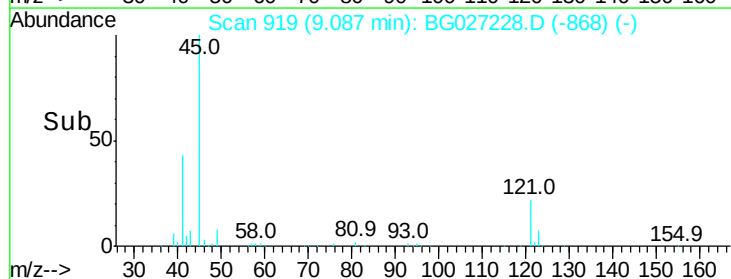
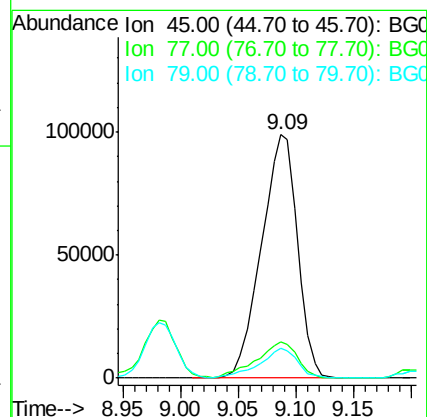
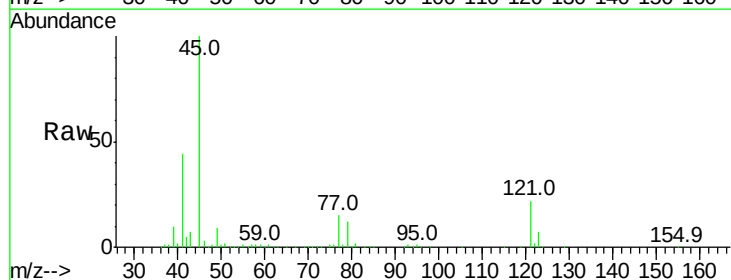
Tgt Ion: 45 Resp: 214147

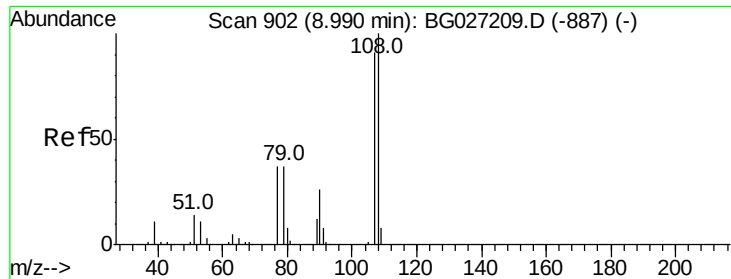
Ion Ratio Lower Upper

45 100

77 14.9 0.0 30.6

79 12.2 0.0 28.5





#17

2-Methylphenol

Concen: 23.91 ng

RT: 8.98 min Scan# 901

Delta R.T. -0.01 min

Lab File: BG027228.D

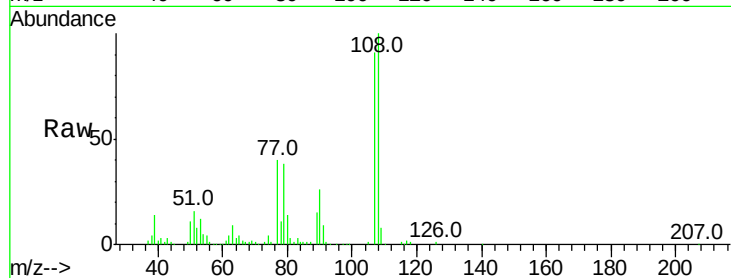
Acq: 6 Jun 2017 1:09

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	107	Resp:	98460
Ion	Ratio	Lower	Upper
107	100		
108	109.6	85.6	128.4
77	43.6	51.4	77.2#
79	42.0	49.2	73.8#

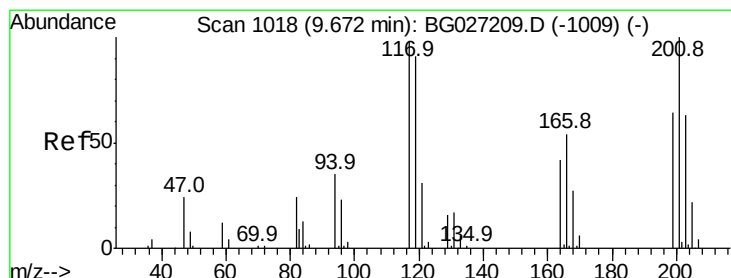
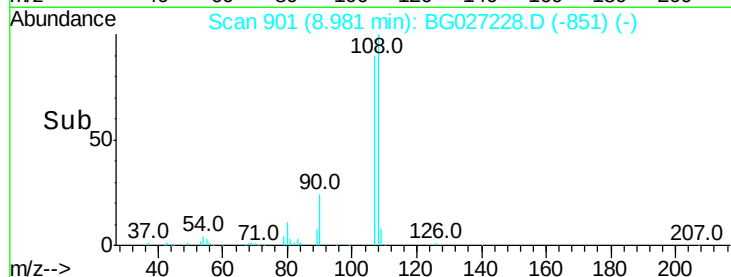
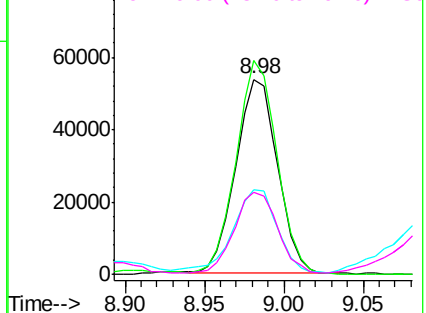


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 50.40 ng

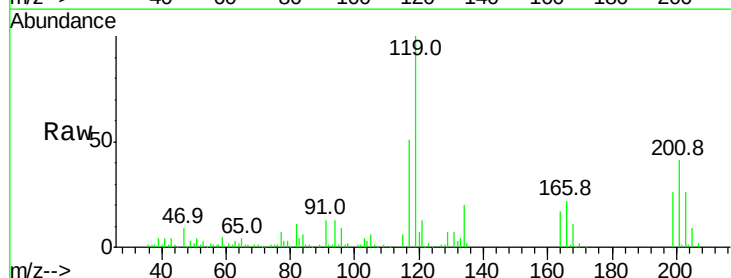
RT: 9.66 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

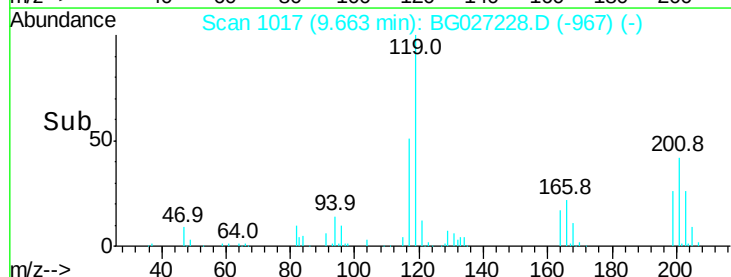
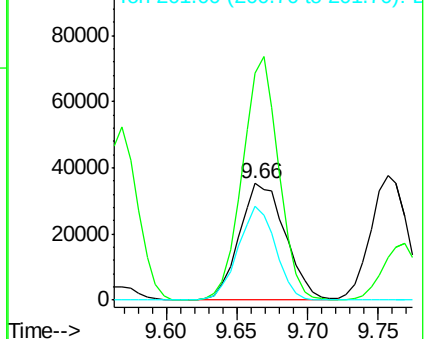
Tgt Ion:	117	Resp:	80522
Ion	Ratio	Lower	Upper
117	100		
119	195.3	69.8	104.6#
201	80.7	95.4	143.0#

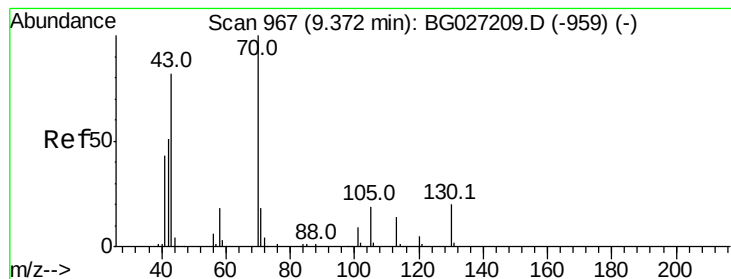


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 34.10 ng

RT: 9.36 min Scan# 966

Delta R.T. -0.01 min

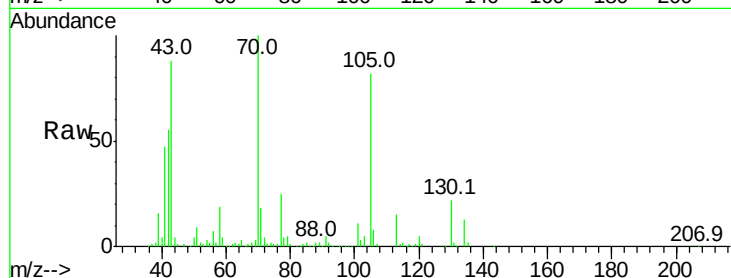
Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Instrument :

BNA_G

ClientSampleId :



Tot Ion: 70 Resp: 135903

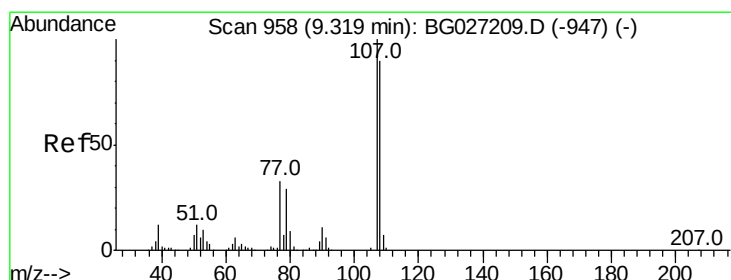
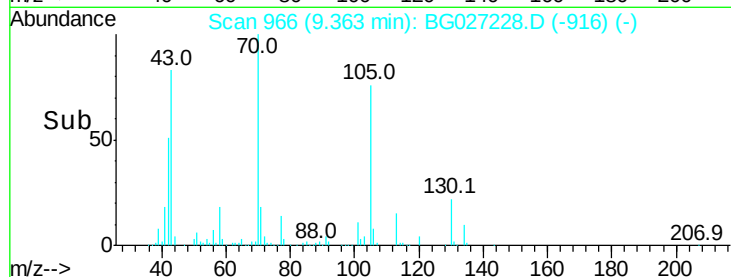
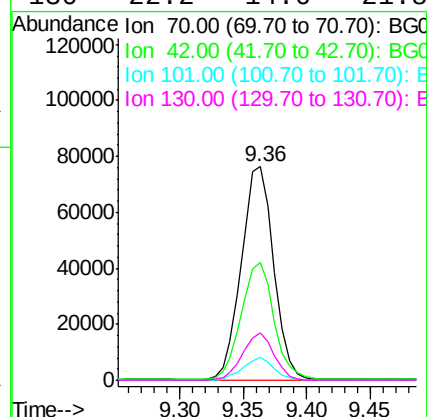
Ion Ratio Lower Upper

70 100

42 55.0 56.1 84.1#

101 10.7 7.5 11.3

130 22.2 14.6 21.8#



#20

3+4-Methylphenols

Concen: 21.12 ng

RT: 9.30 min Scan# 956

Delta R.T. -0.01 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Tgt Ion: 107 Resp: 120490

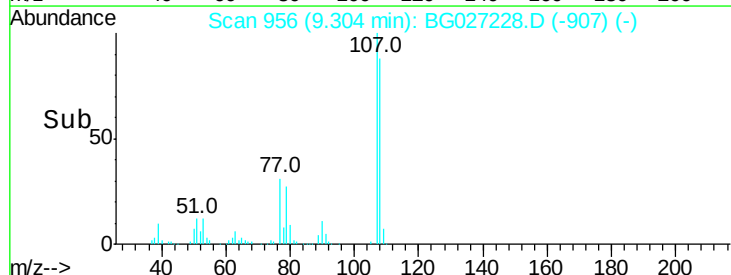
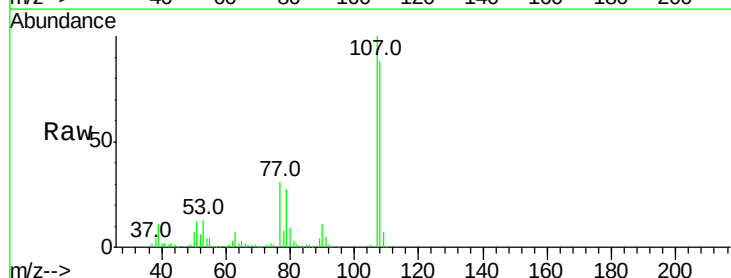
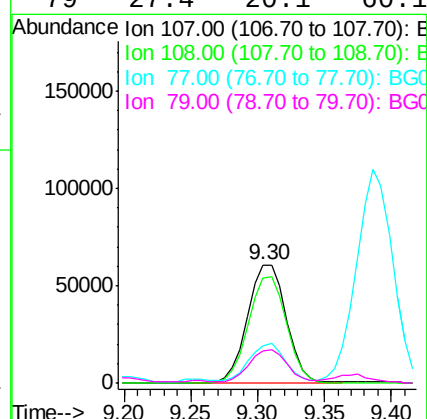
Ion Ratio Lower Upper

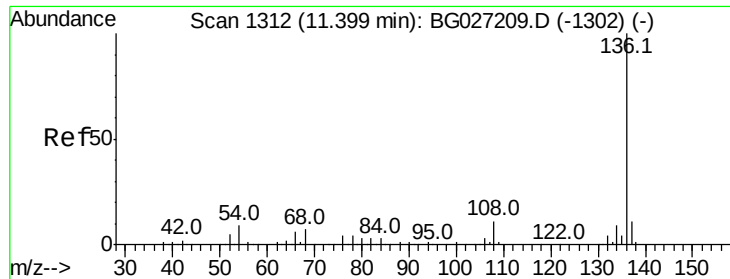
107 100

108 88.4 70.8 110.8

77 31.1 25.8 65.8

79 27.4 20.1 60.1

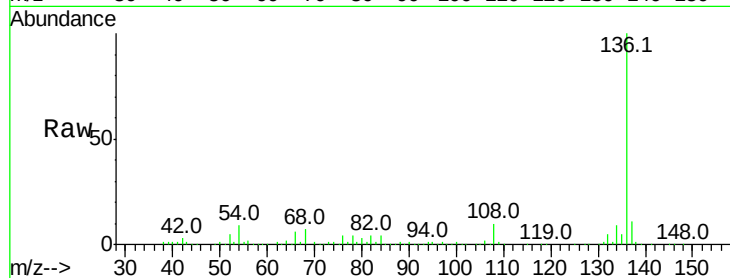




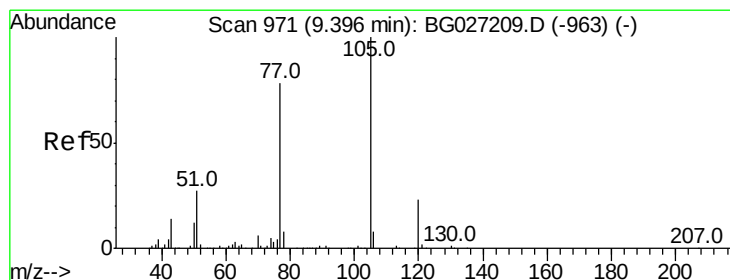
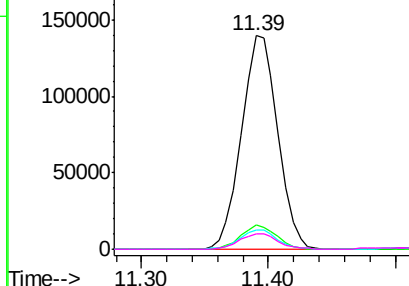
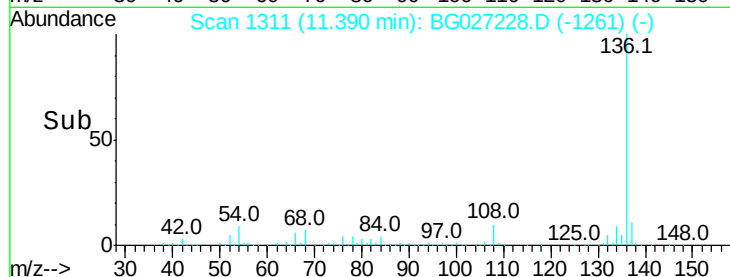
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.39 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	276589
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.9 13.3
54	8.7	9.3 13.9#
68	7.4	5.1 7.7

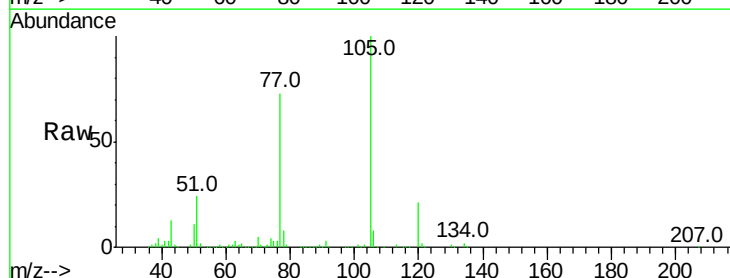


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

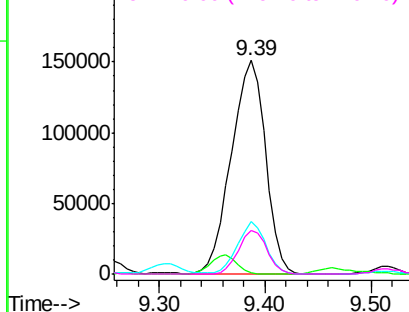
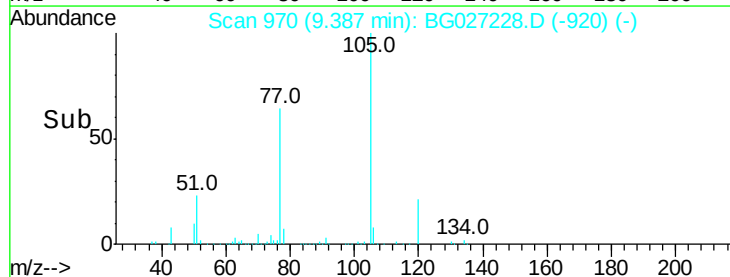


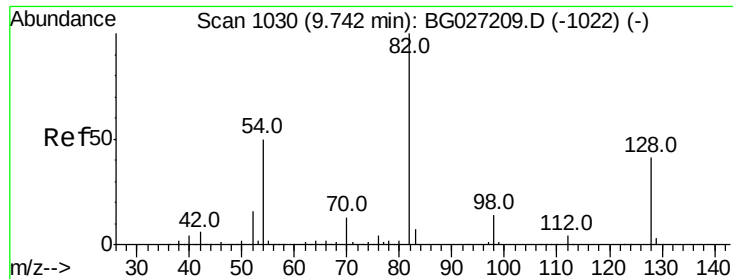
#22
Acetophenone
Concen: 48.09 ng
RT: 9.39 min Scan# 970
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Tgt Ion:105	Resp:	340146
Ion	Ratio	Lower Upper
105	100	
71	0.7	0.9 1.3#
51	24.3	34.0 51.0#
120	20.6	17.3 25.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

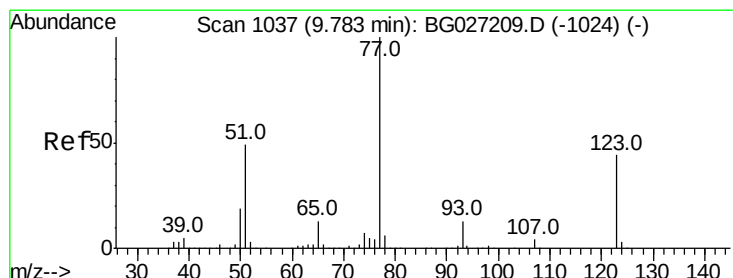
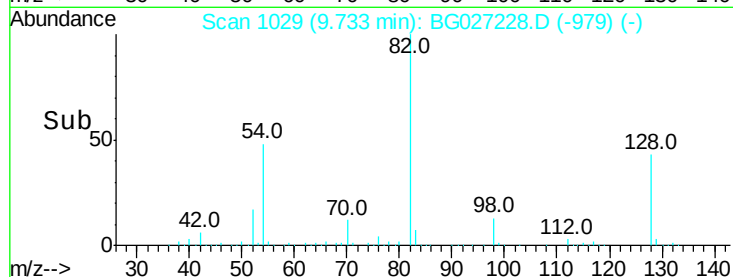
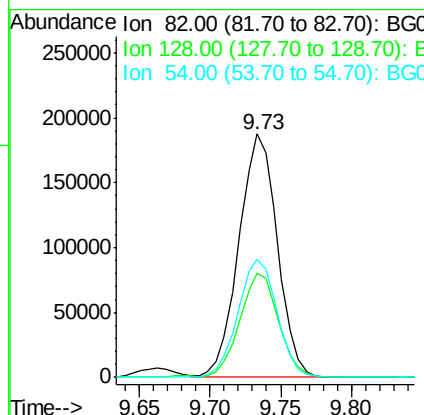
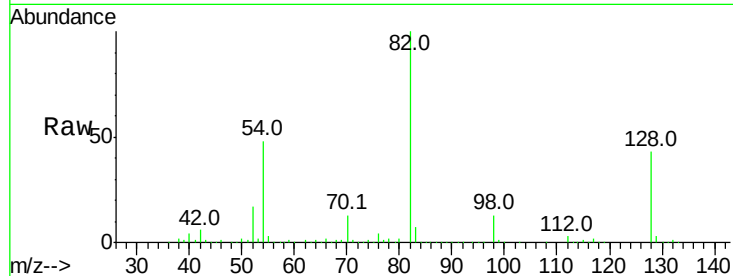




#23
 Nitrobenzene-d5
 Concen: 81.11 ng
 RT: 9.73 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG027228.D
 Acq: 6 Jun 2017 1:09

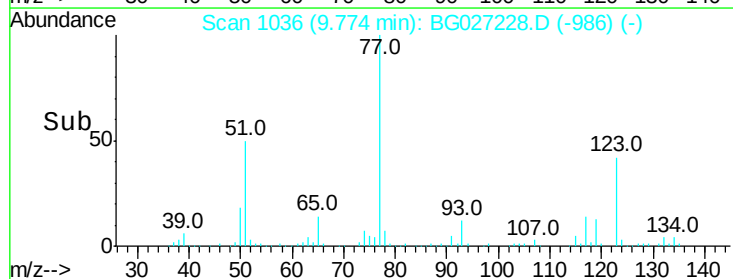
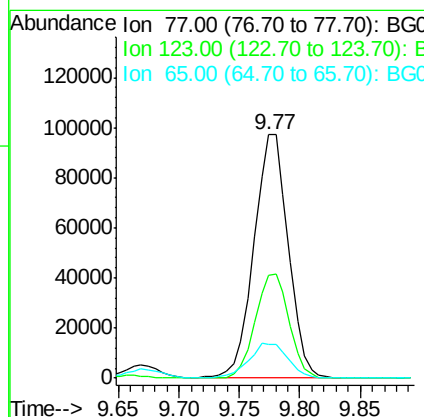
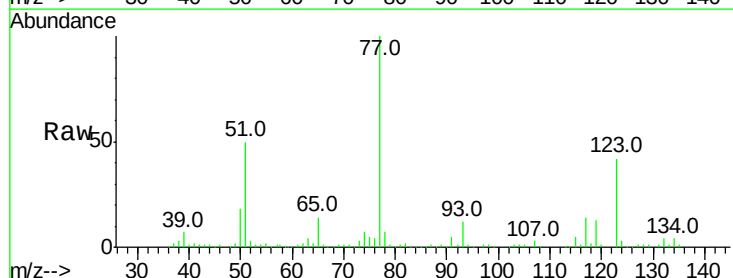
Instrument :
 BNA_G
 ClientSampled :

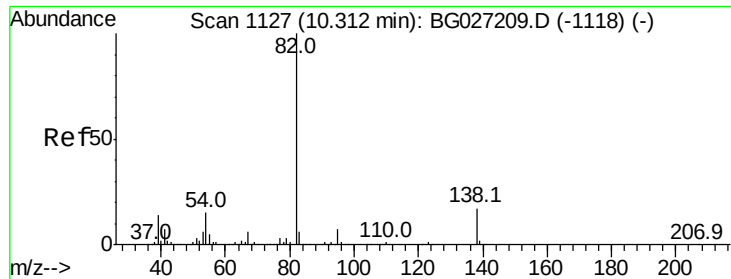
Tot Ion: 82 Resp: 356743
 Ion Ratio Lower Upper
 82 100
 128 43.0 26.4 39.6#
 54 48.4 49.4 74.2#



#24
 Nitrobenzene
 Concen: 37.98 ng
 RT: 9.77 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BG027228.D
 Acq: 6 Jun 2017 1:09

Tgt Ion: 77 Resp: 190307
 Ion Ratio Lower Upper
 77 100
 123 42.4 26.1 39.1#
 65 14.1 12.4 18.6





#25

Isophorone

Concen: 35.77 ng

RT: 10.30 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Instrument :

BNA_G

ClientSampleId :

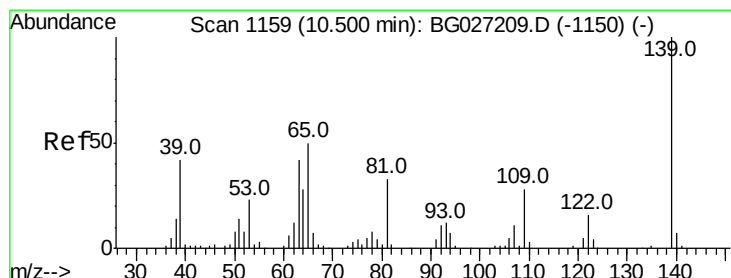
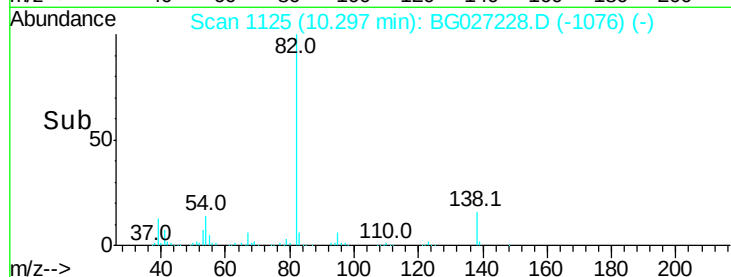
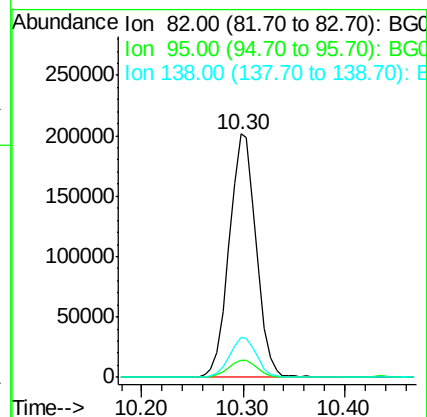
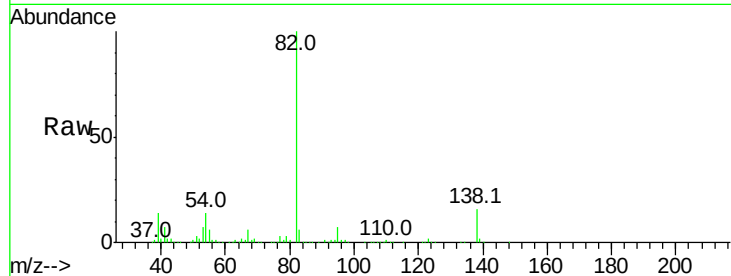
Tot Ion: 82 Resp: 369907

Ion Ratio Lower Upper

82 100

95 6.9 7.5 11.3#

138 16.2 12.3 18.5



#26

2-Nitrophenol

Concen: 39.60 ng

RT: 10.49 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

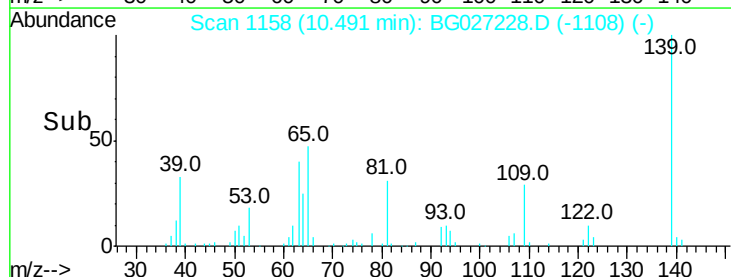
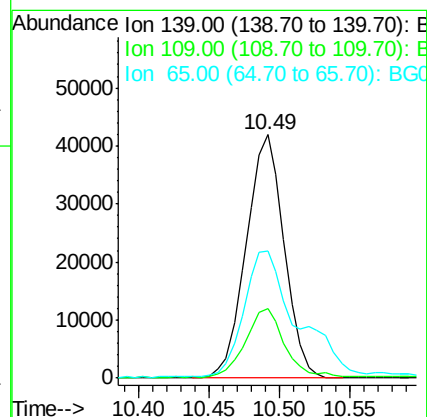
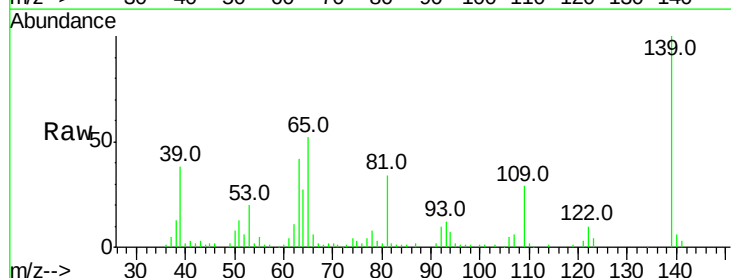
Tgt Ion: 139 Resp: 78738

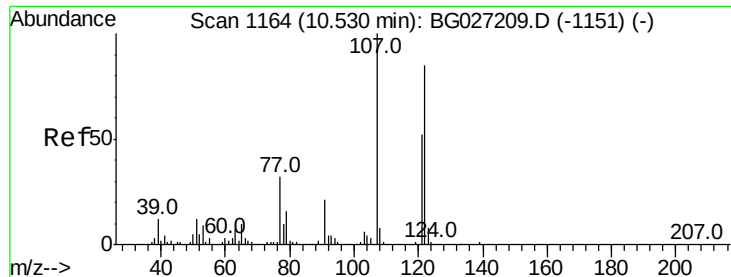
Ion Ratio Lower Upper

139 100

109 28.6 38.6 58.0#

65 52.1 57.1 85.7#

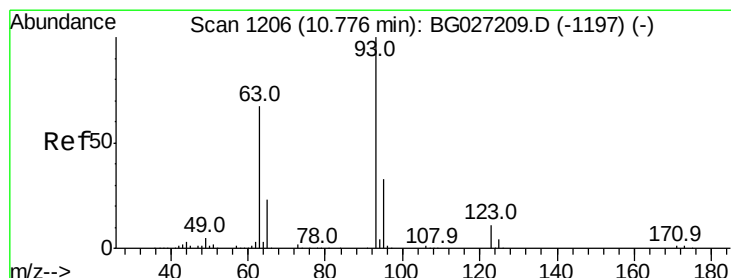
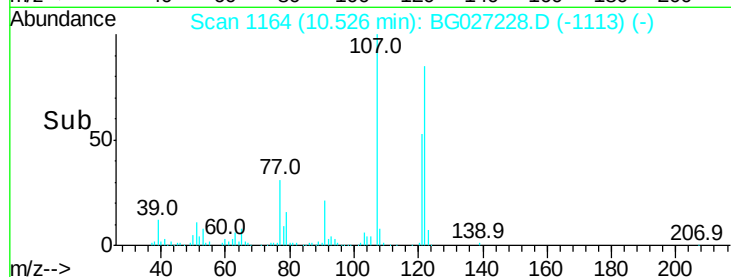
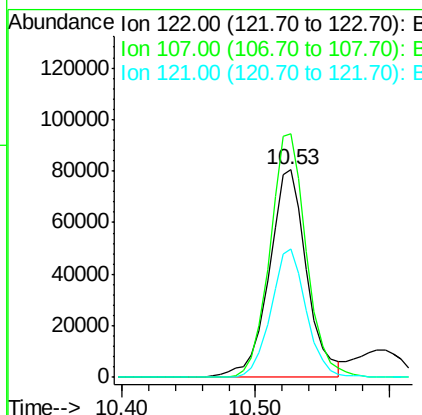
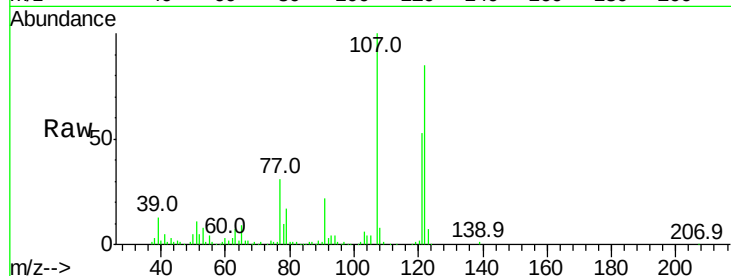




#27
 2,4-Dimethylphenol
 Concen: 35.47 ng
 RT: 10.53 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BG027228.D
 Acq: 6 Jun 2017 1:09

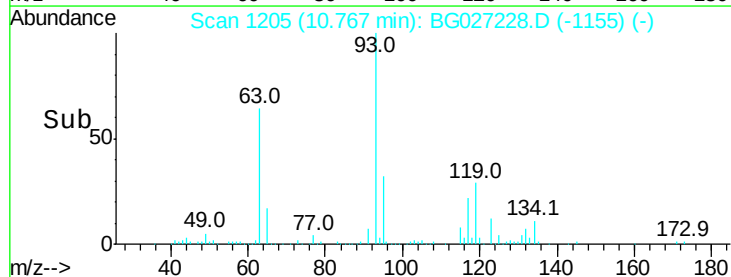
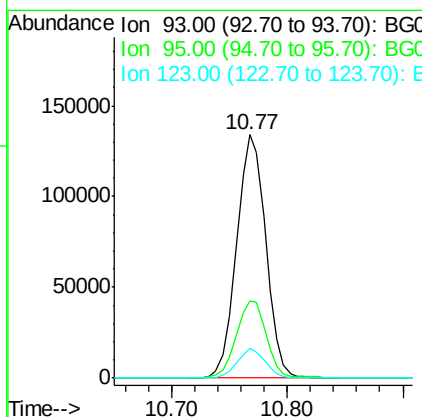
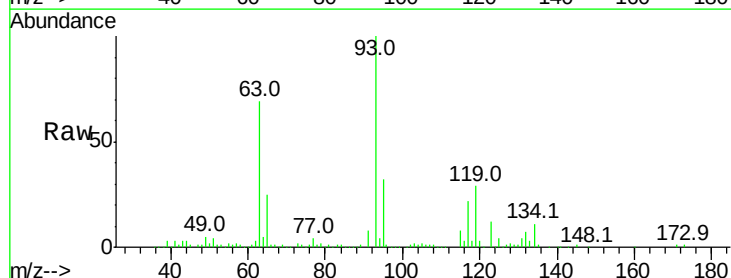
Instrument :
 BNA_G
 ClientSampleId :

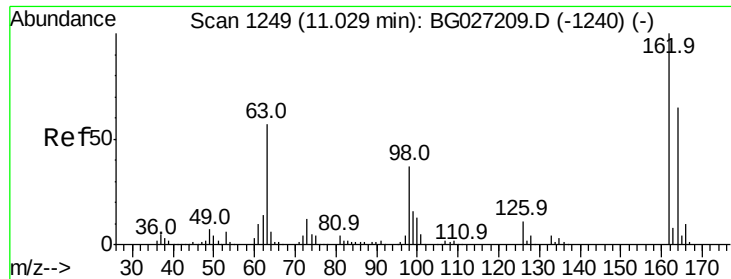
Tot Ion:122 Resp: 157733
 Ion Ratio Lower Upper
 122 100
 107 117.2 104.2 156.4
 121 61.9 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.95 ng
 RT: 10.77 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BG027228.D
 Acq: 6 Jun 2017 1:09

Tgt Ion: 93 Resp: 234052
 Ion Ratio Lower Upper
 93 100
 95 31.9 25.7 38.5
 123 12.0 8.3 12.5

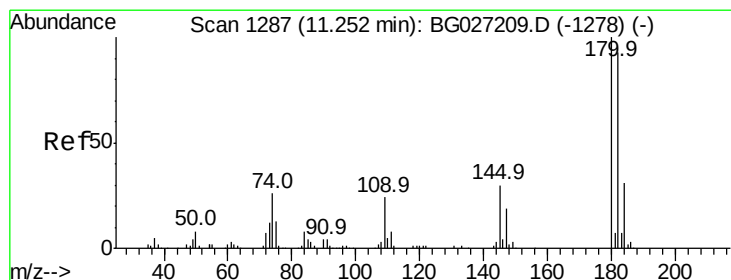
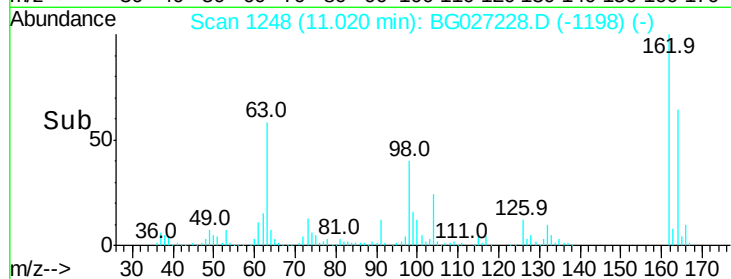
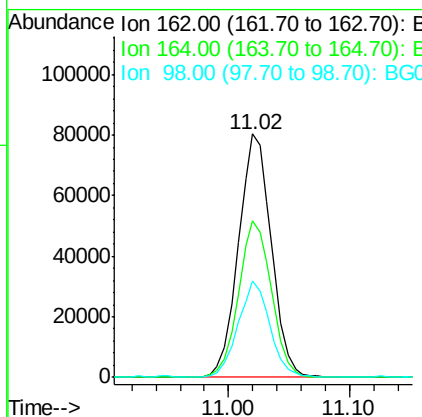
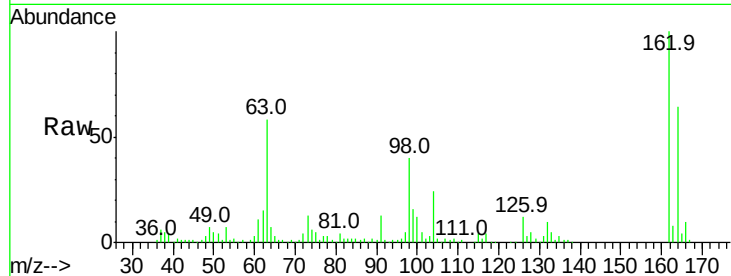




#29
 2,4-Dichlorophenol
 Concen: 37.40 ng
 RT: 11.02 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BG027228.D
 Acq: 6 Jun 2017 1:09

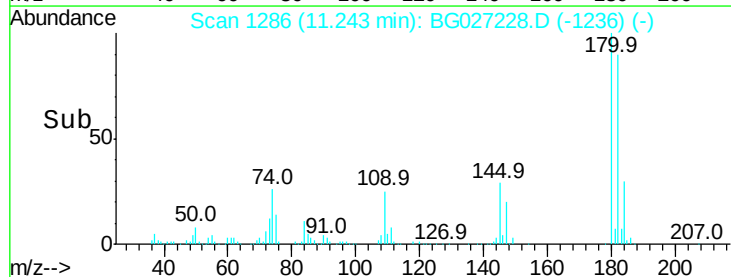
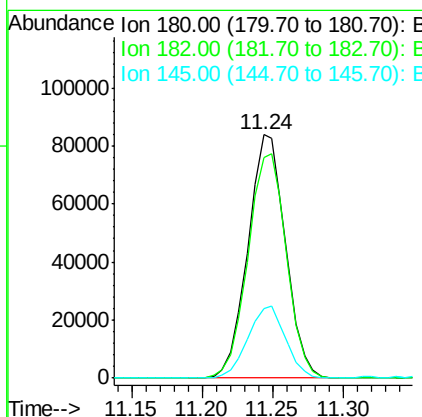
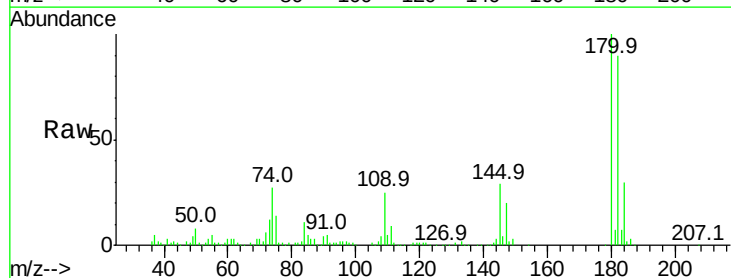
Instrument :
 BNA_G
 ClientSampleId :

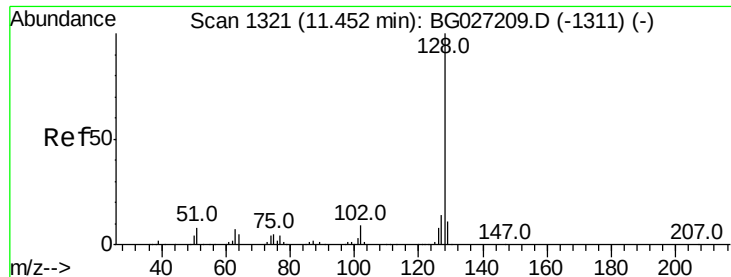
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	42.4	82.4
98	39.5	20.3	60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 34.81 ng
 RT: 11.24 min Scan# 1286
 Delta R.T. -0.01 min
 Lab File: BG027228.D
 Acq: 6 Jun 2017 1:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.4	77.0	115.4
145	28.8	23.4	35.0

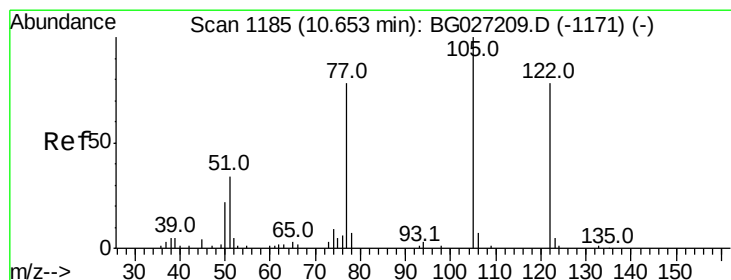
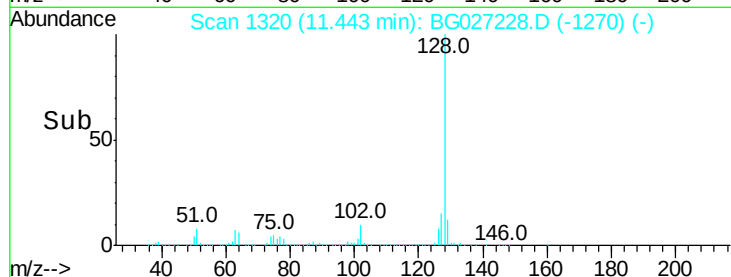
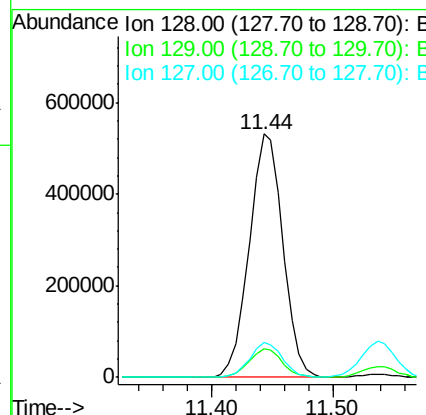
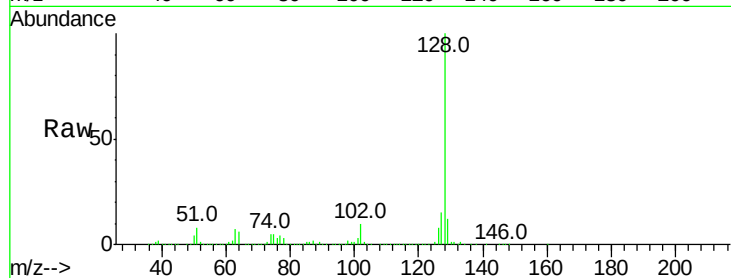




#31
Naphthalene
Concen: 68.15 ng
RT: 11.44 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

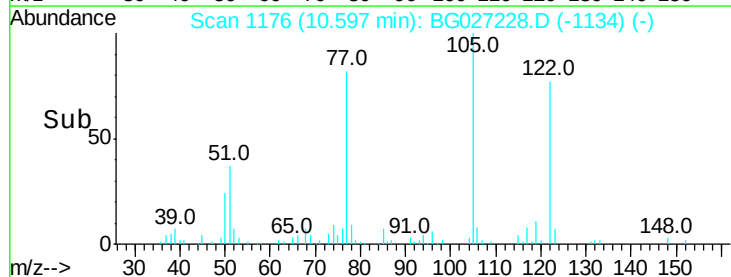
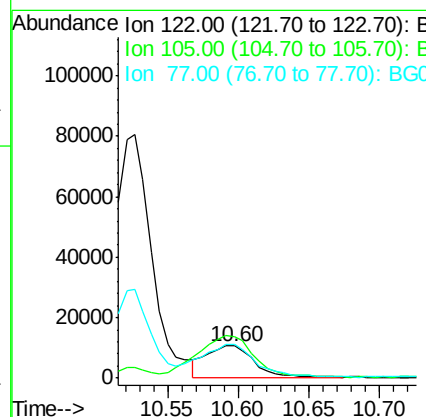
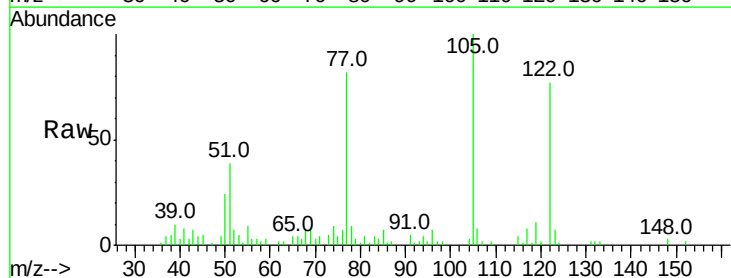
Instrument :
BNA_G
ClientSampleId :

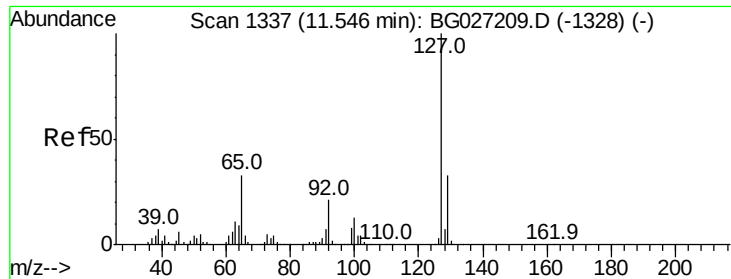
Tot Ion:128 Resp: 1030229
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 14.6 11.4 17.0



#32
Benzoic acid
Concen: 14.85 ng
RT: 10.60 min Scan# 1176
Delta R.T. -0.06 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Tgt Ion:122 Resp: 25201
Ion Ratio Lower Upper
122 100
105 129.1 120.1 160.1
77 105.6 104.6 144.6

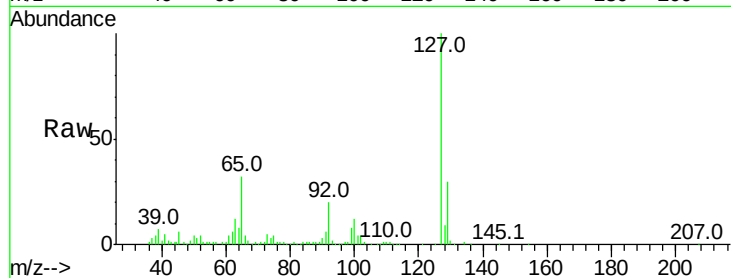




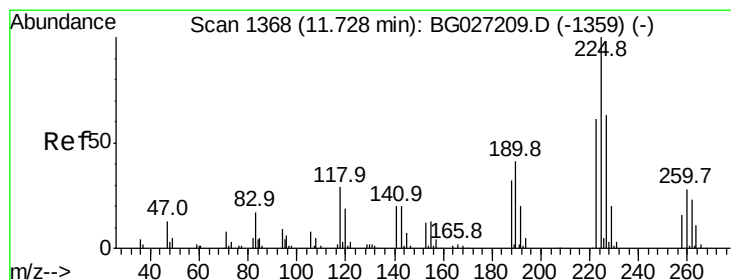
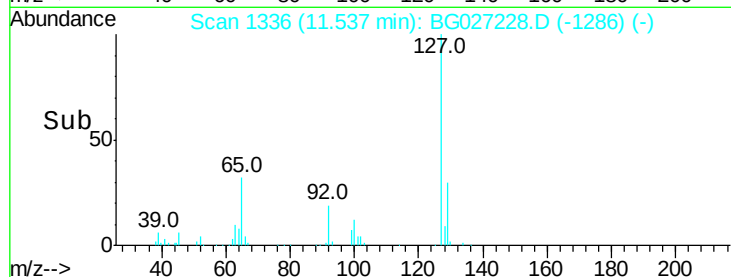
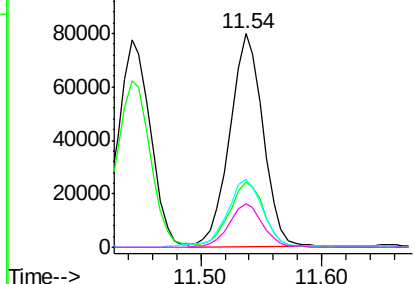
#33
4-Chloroaniline
Concen: 24.17 ng
RT: 11.54 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	152234
Ion	Ratio	Lower	Upper
127	100		
129	30.4	23.6	35.4
65	31.8	37.7	56.5#
92	20.2	17.6	26.4

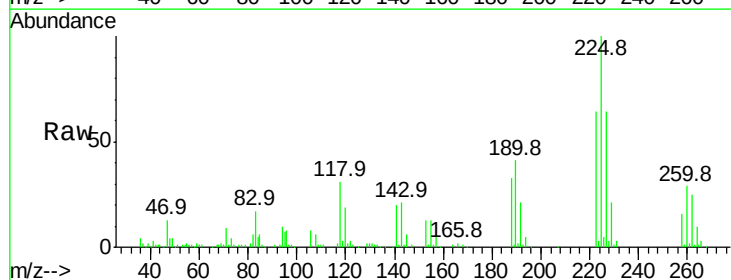


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

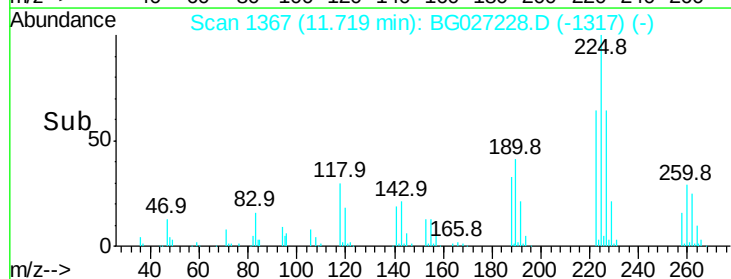
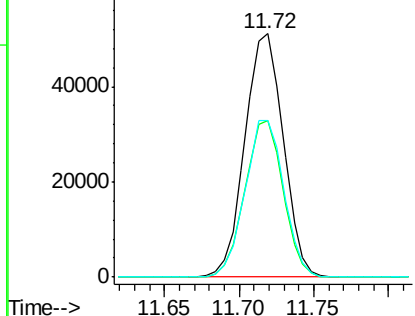


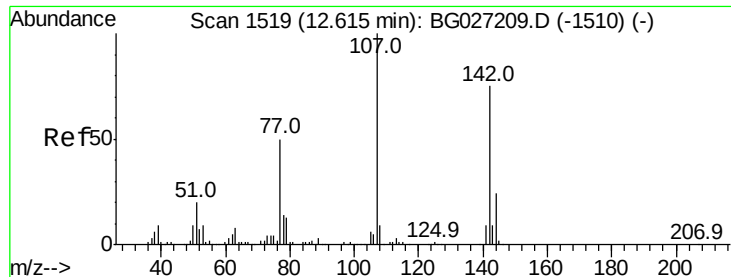
#34
Hexachlorobutadiene
Concen: 32.86 ng
RT: 11.72 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Tgt Ion:	225	Resp:	90783
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.7	76.1
227	64.5	49.0	73.6



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

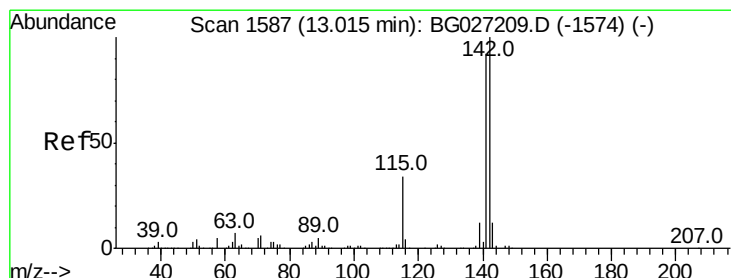
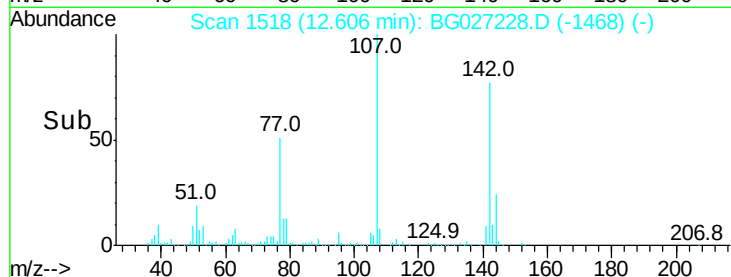
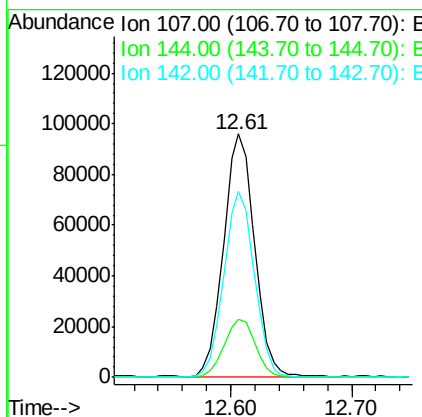
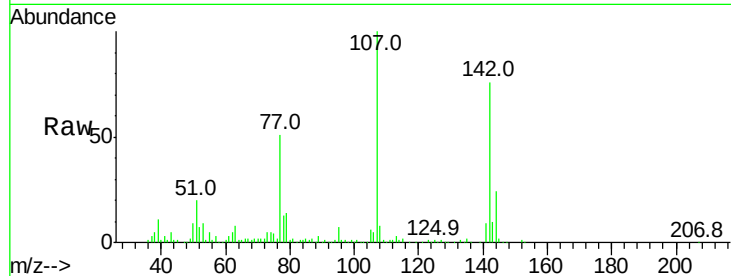




#36
4-Chloro-3-methylphenol
Concen: 33.36 ng
RT: 12.61 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

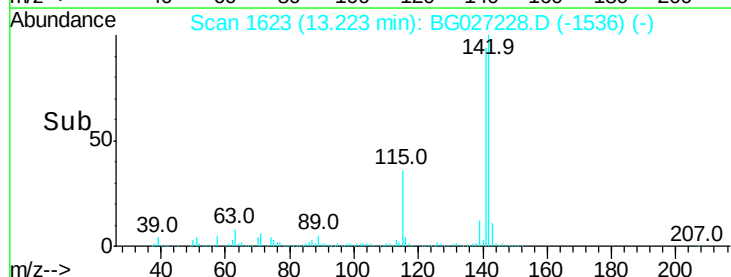
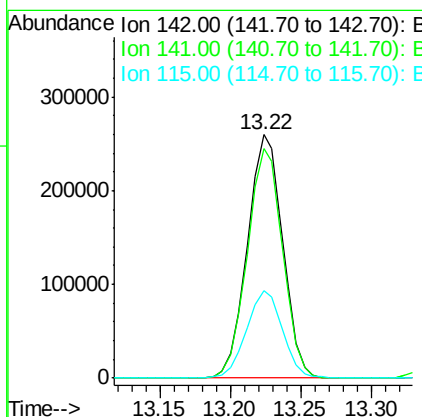
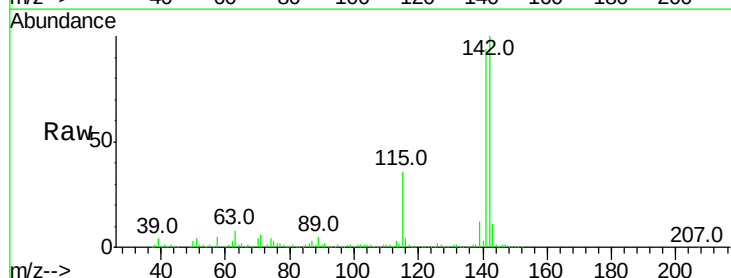
Instrument :
BNA_G
ClientSampleId :

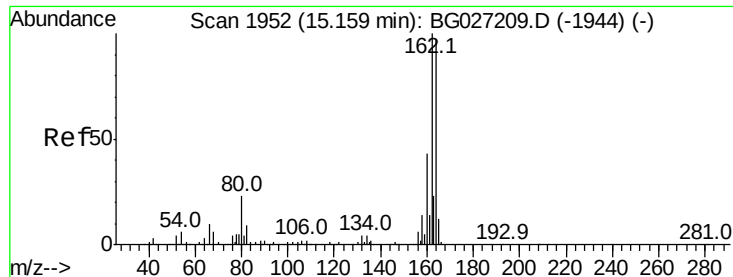
Tot Ion:107 Resp: 169699
Ion Ratio Lower Upper
107 100
144 24.0 17.4 26.0
142 76.5 54.1 81.1



#37
2-Methylnaphthalene
Concen: 41.29 ng
RT: 13.22 min Scan# 1623
Delta R.T. 0.21 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Tgt Ion:142 Resp: 455302
Ion Ratio Lower Upper
142 100
141 94.1 70.4 105.6
115 35.8 35.5 53.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.16 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Instrument :

BNA_G

ClientSampleId :

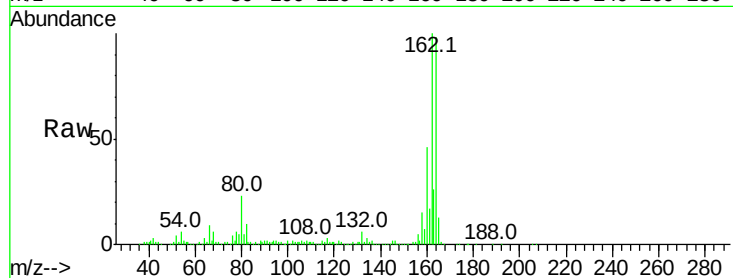
Tot Ion:164 Resp: 176202

Ion Ratio Lower Upper

164 100

162 102.6 85.1 127.7

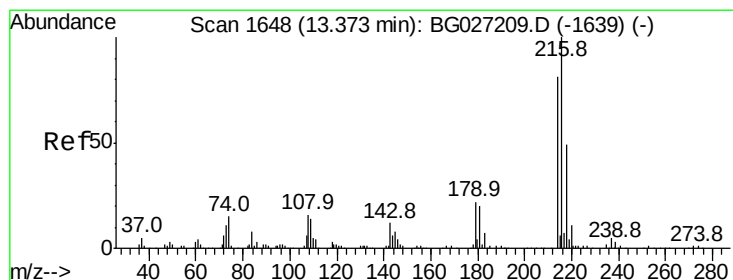
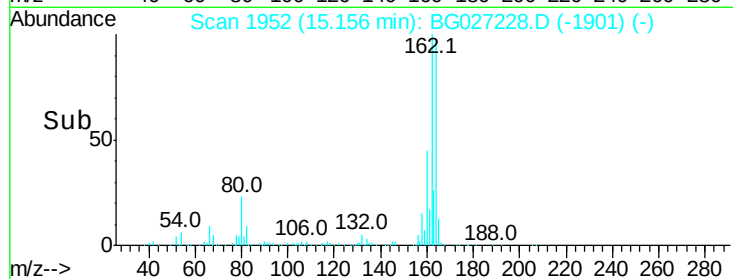
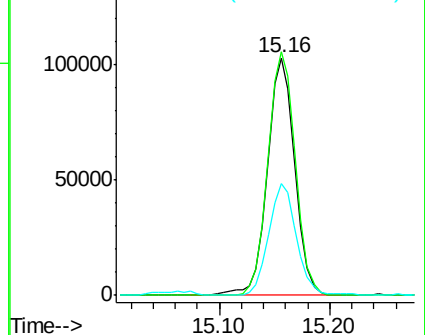
160 47.1 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.10 ng

RT: 13.36 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Tgt Ion:216 Resp: 187173

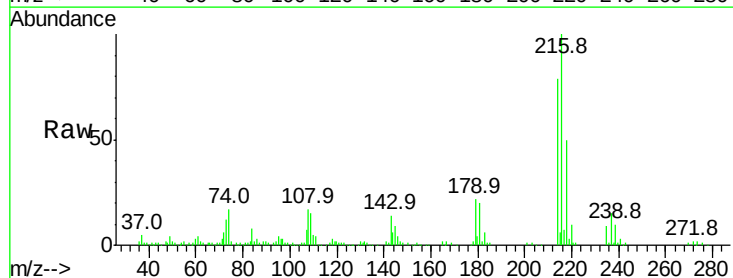
Ion Ratio Lower Upper

216 100

214 78.5 64.4 96.6

179 21.1 17.4 26.0

108 19.9 15.6 23.4

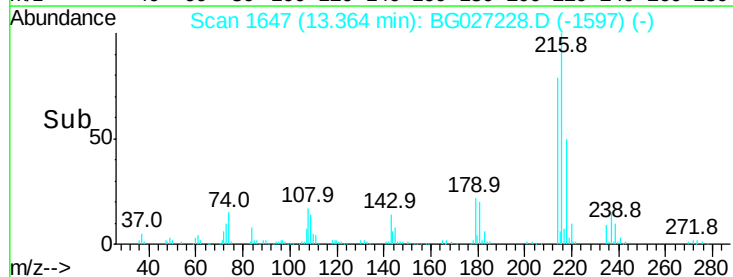
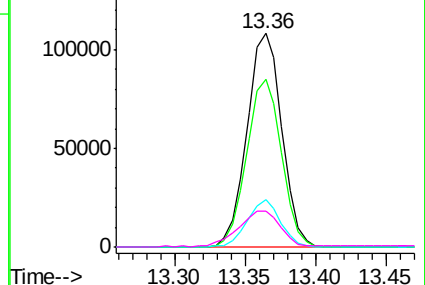


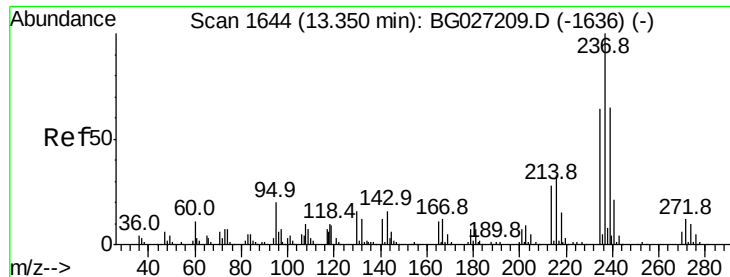
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 61.65 ng

RT: 13.34 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Instrument :

BNA_G

ClientSampled :

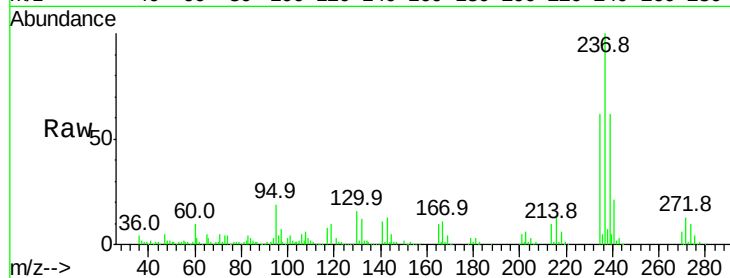
Tot Ion:237 Resp: 180114

Ion Ratio Lower Upper

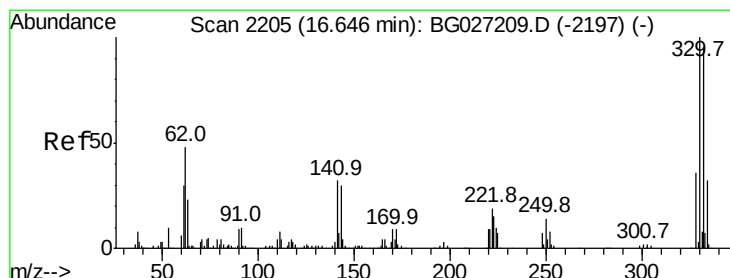
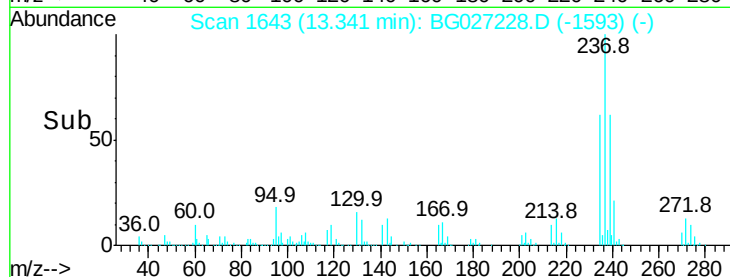
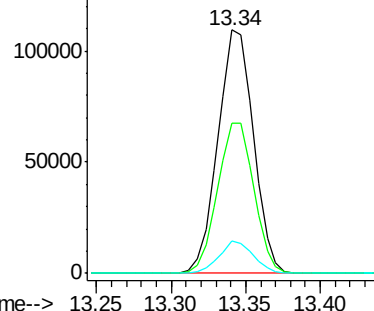
237 100

235 61.5 39.4 79.4

272 13.3 0.0 32.0



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 116.05 ng

RT: 16.64 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

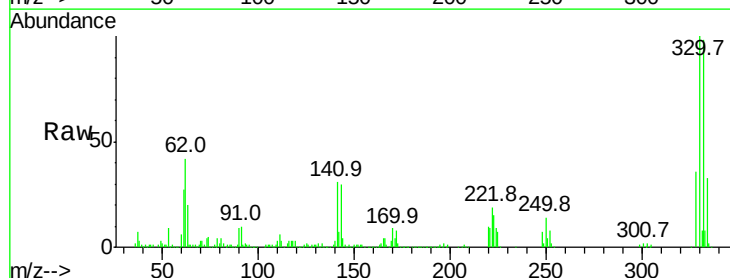
Tgt Ion:330 Resp: 269278

Ion Ratio Lower Upper

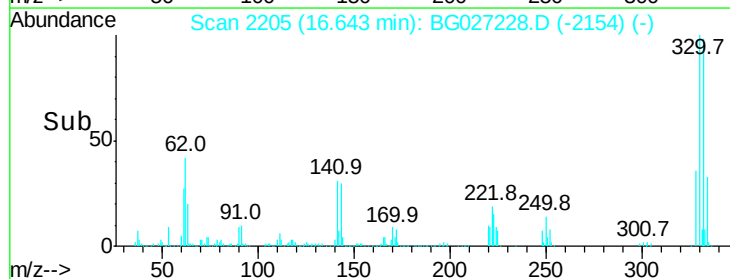
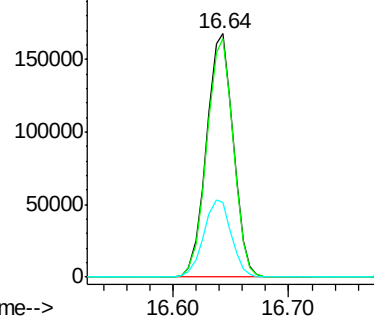
330 100

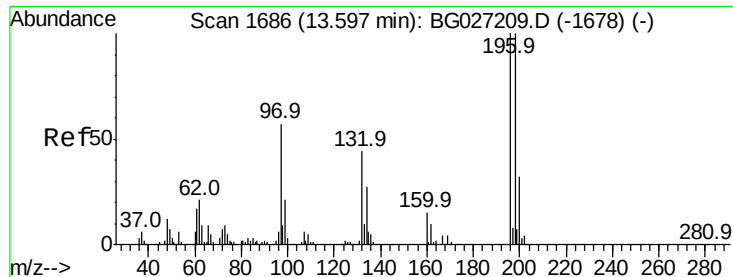
332 97.0 77.3 115.9

141 32.5 32.1 48.1



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





#42

2,4,6-Trichlorophenol

Concen: 40.45 ng

RT: 13.59 min Scan# 1686

Delta R.T. -0.00 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Instrument :

BNA_G

ClientSampleId :

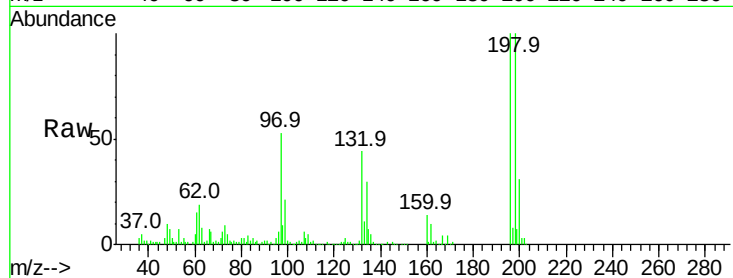
Tot Ion:196 Resp: 134688

Ion Ratio Lower Upper

196 100

198 100.2 81.4 122.2

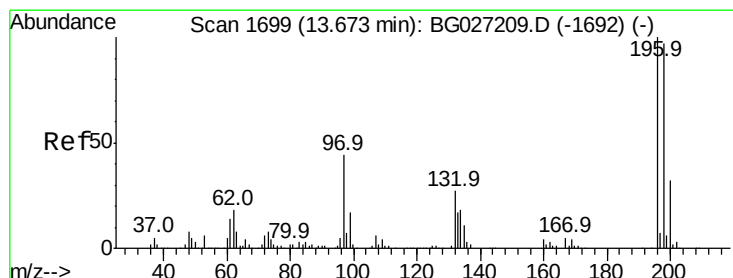
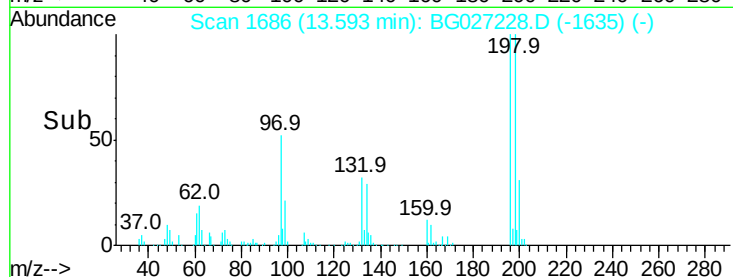
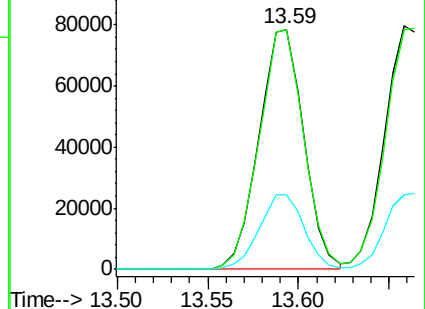
200 31.2 27.0 40.6



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 37.63 ng

RT: 13.66 min Scan# 1697

Delta R.T. -0.01 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Tgt Ion:196 Resp: 140198

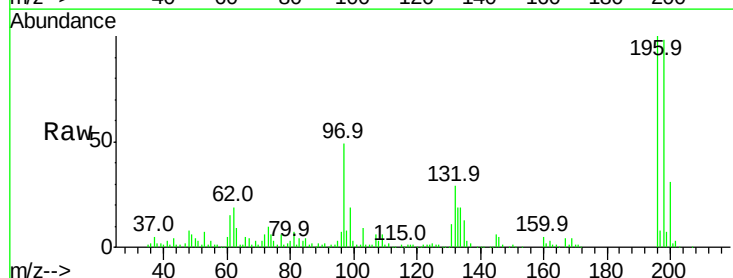
Ion Ratio Lower Upper

196 100

198 98.3 79.9 119.9

97 49.0 45.4 68.0

132 28.8 20.7 31.1

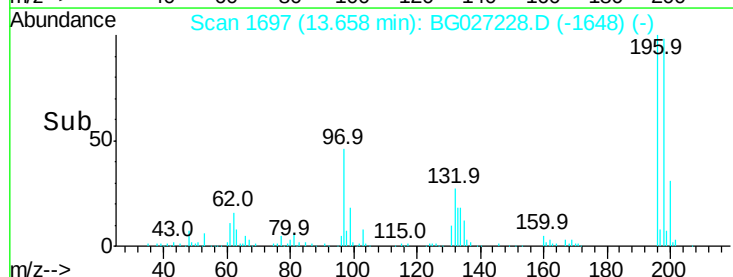
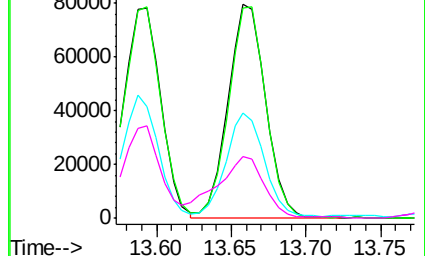


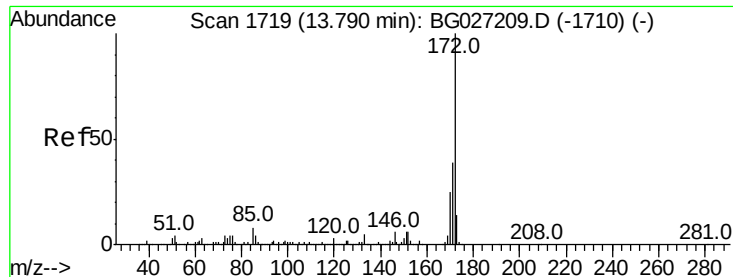
Abundance Ion 196.00 (195.70 to 196.70): E

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

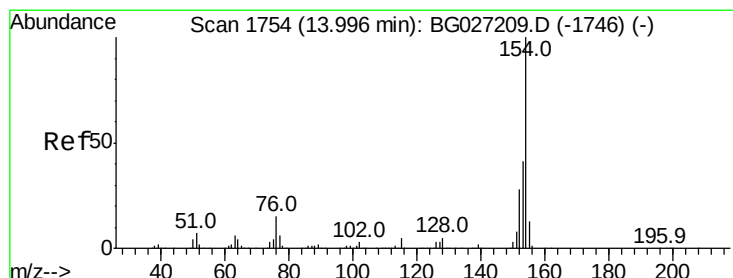
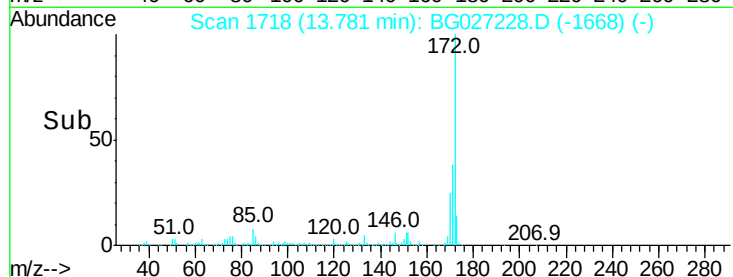
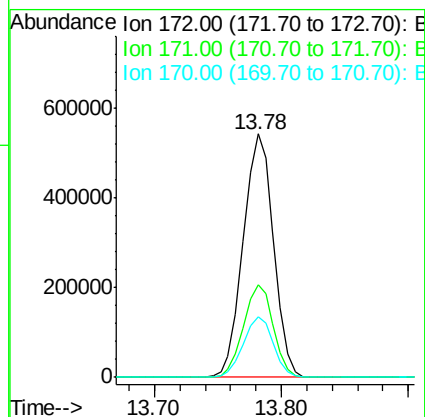
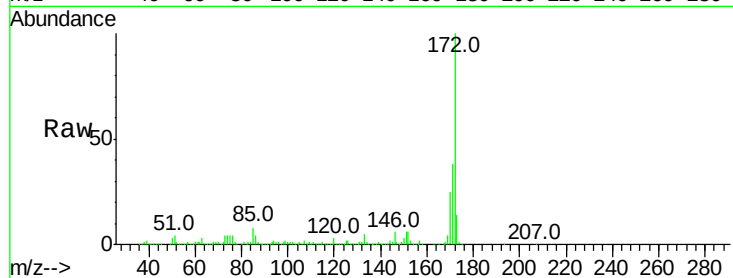




#44
2-Fluorobiphenyl
Concen: 71.36 ng
RT: 13.78 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

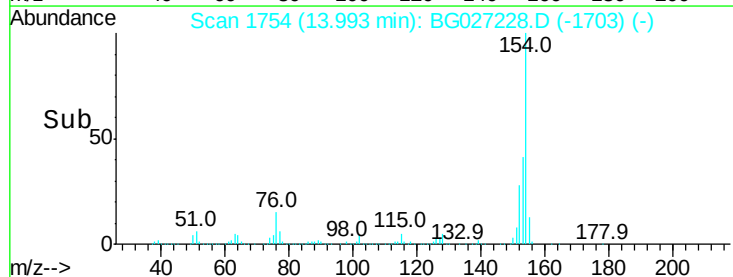
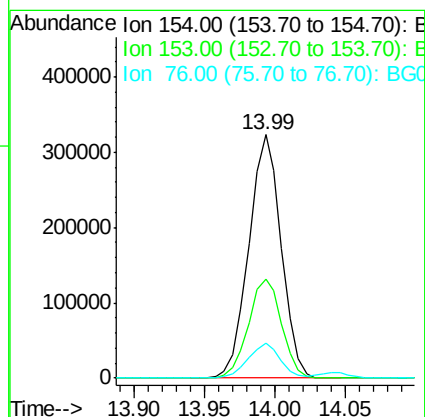
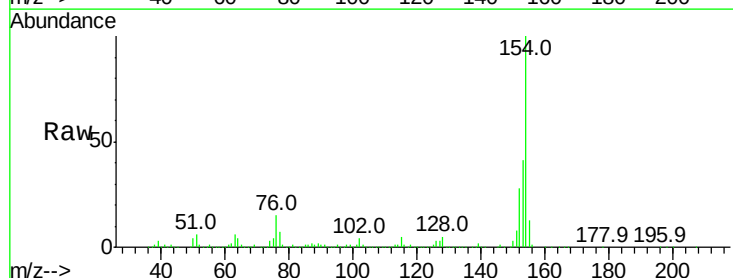
Instrument :
BNA_G
ClientSampleId :

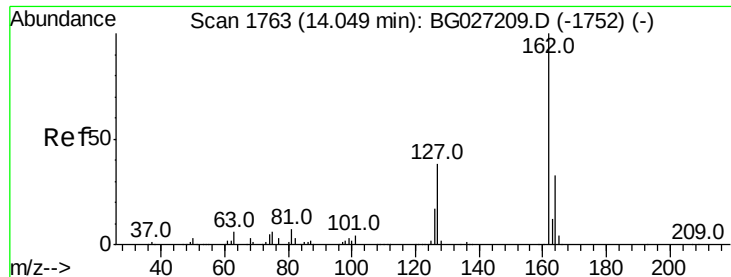
Tot Ion:172 Resp: 898842
Ion Ratio Lower Upper
172 100
171 38.2 32.2 48.2
170 25.1 21.8 32.6



#45
1,1'-Biphenyl
Concen: 36.06 ng
RT: 13.99 min Scan# 1754
Delta R.T. -0.00 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Tgt Ion:154 Resp: 518690
Ion Ratio Lower Upper
154 100
153 40.8 23.0 63.0
76 14.5 0.0 33.5

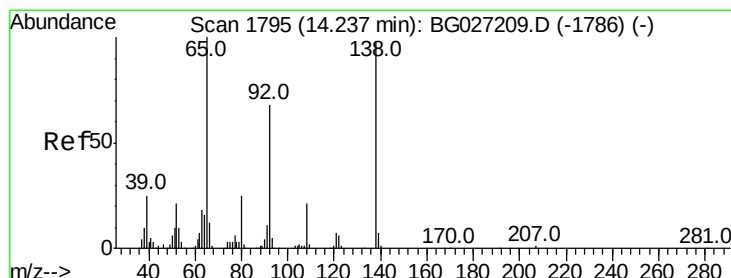
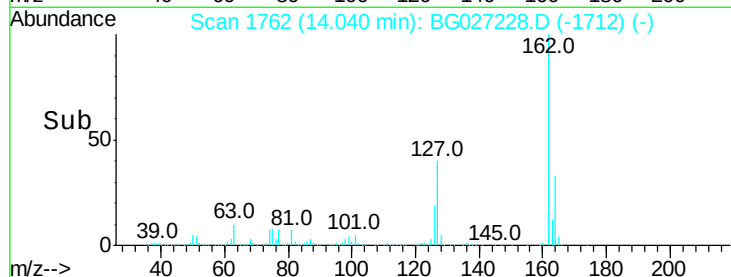
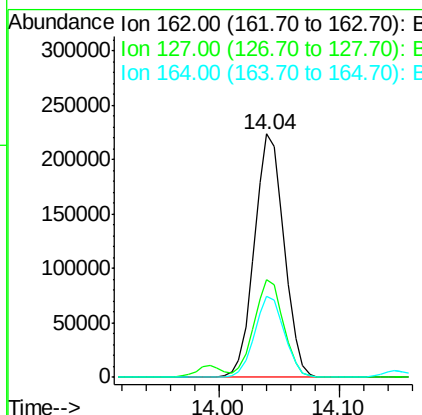
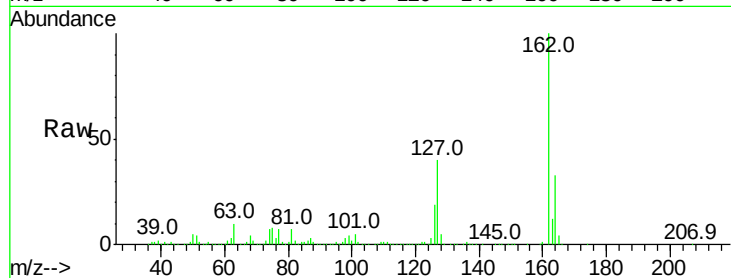




#46
2-Chloronaphthalene
Concen: 35.44 ng
RT: 14.04 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

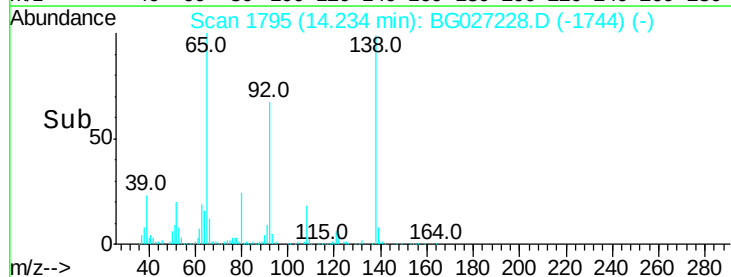
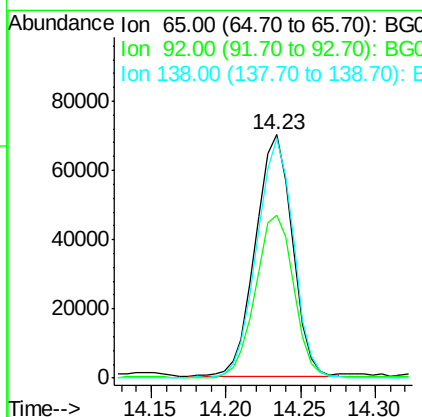
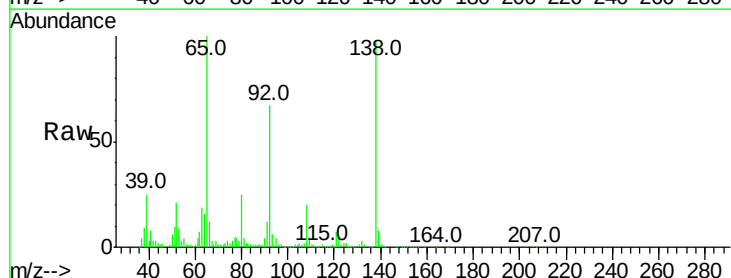
Instrument :
BNA_G
ClientSampled :

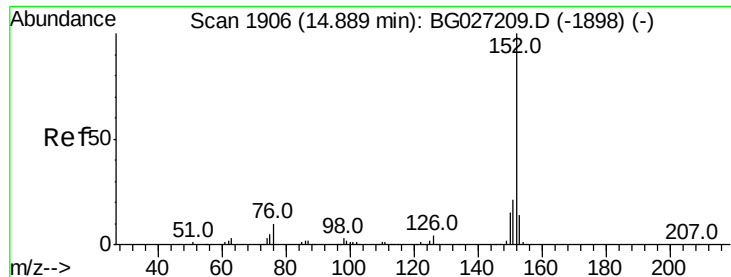
Tot Ion:162 Resp: 382129
Ion Ratio Lower Upper
162 100
127 40.4 32.2 48.4
164 33.5 27.3 40.9



#47
2-Nitroaniline
Concen: 40.18 ng
RT: 14.23 min Scan# 1795
Delta R.T. -0.00 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Tgt Ion: 65 Resp: 119246
Ion Ratio Lower Upper
65 100
92 66.8 49.0 73.4
138 98.2 58.6 87.8#





#48

Acenaphthylene

Concen: 33.24 ng

RT: 14.88 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Instrument :

BNA_G

ClientSampleId :

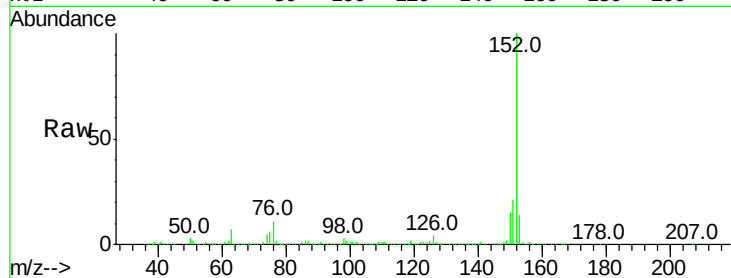
Tot Ion:152 Resp: 606660

Ion Ratio Lower Upper

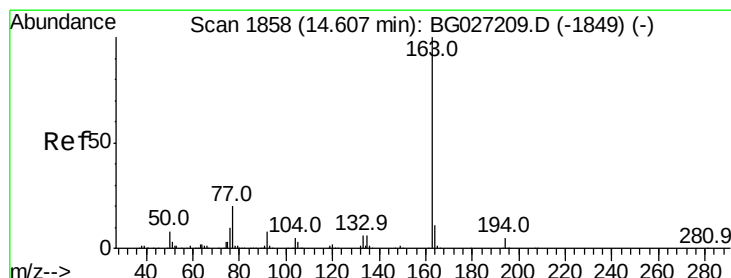
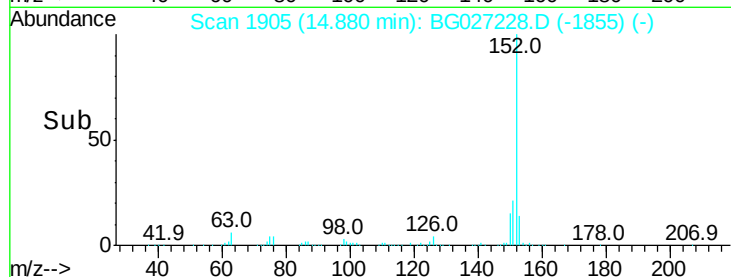
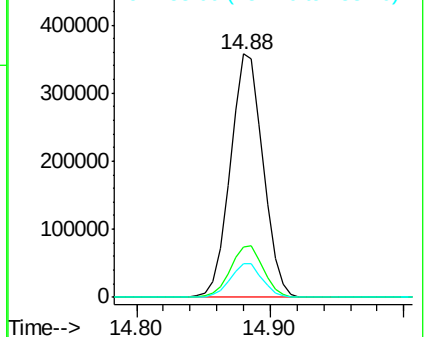
152 100

151 20.7 18.2 27.2

153 13.9 11.3 16.9



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



#49

Dimethylphthalate

Concen: 41.97 ng

RT: 14.60 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

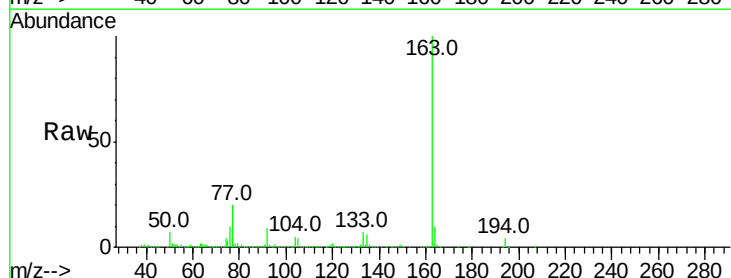
Tgt Ion:163 Resp: 586670

Ion Ratio Lower Upper

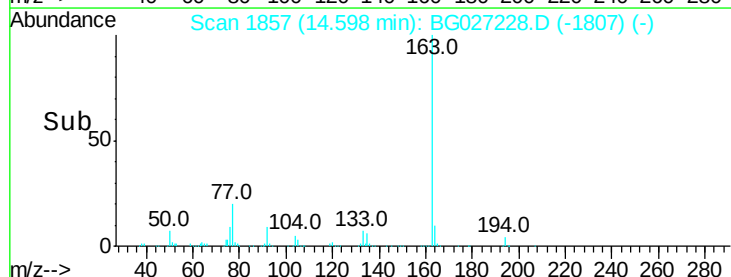
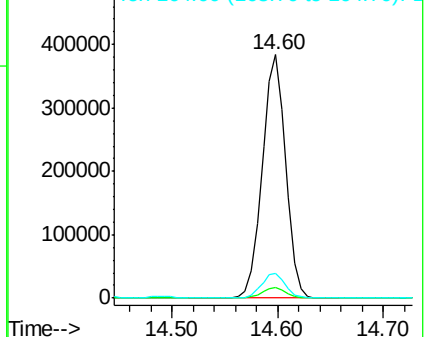
163 100

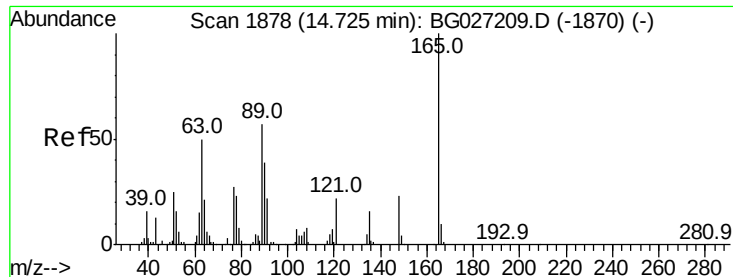
194 4.5 3.8 5.6

164 10.3 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

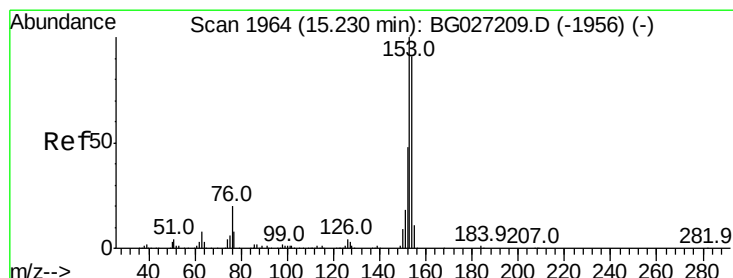
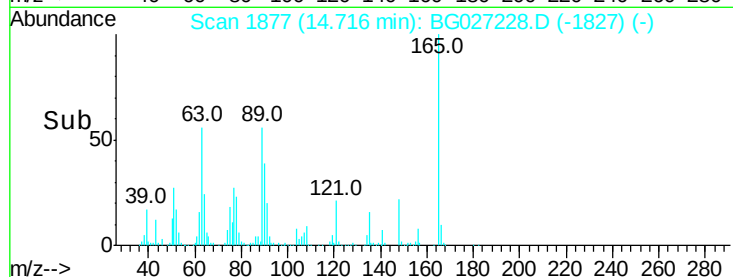
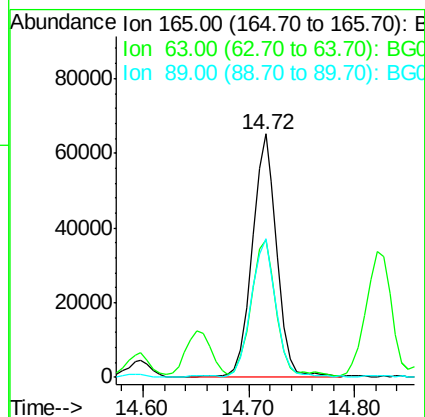
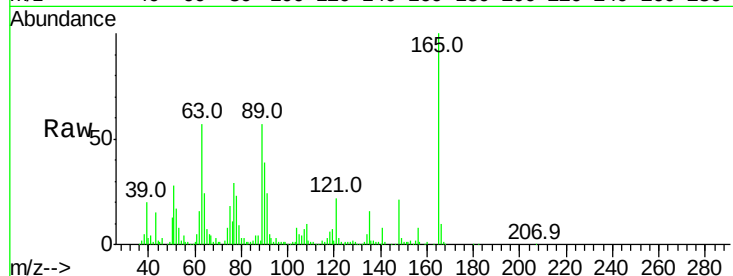




#50
2,6-Dinitrotoluene
Concen: 38.39 ng
RT: 14.72 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

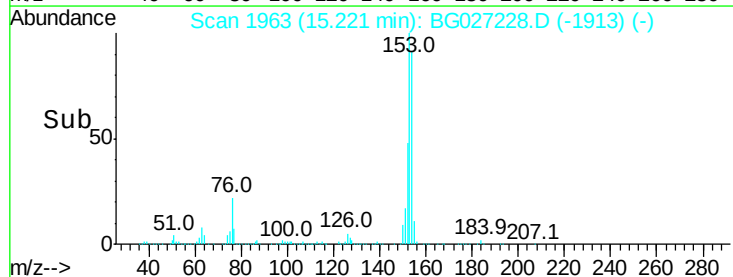
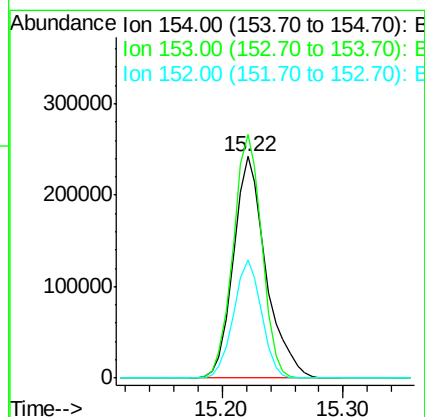
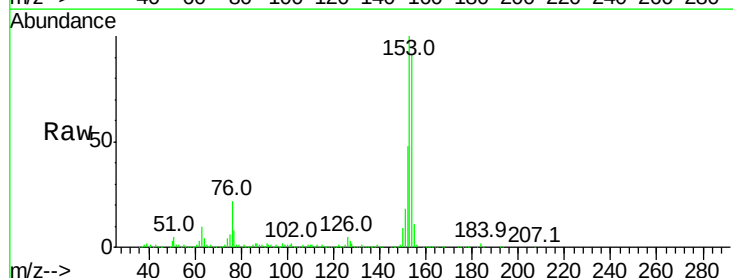
Instrument :
BNA_G
ClientSampled :

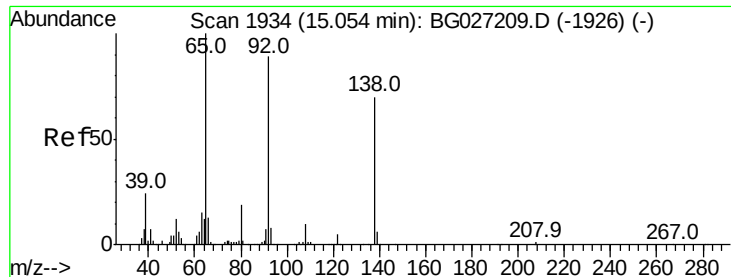
Tot Ion	Ratio	Lower	Upper
165	100		
63	56.7	63.9	95.9#
89	56.8	58.6	88.0#



#51
Acenaphthene
Concen: 38.10 ng
RT: 15.22 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.9	87.8	131.6
152	53.1	42.2	63.4

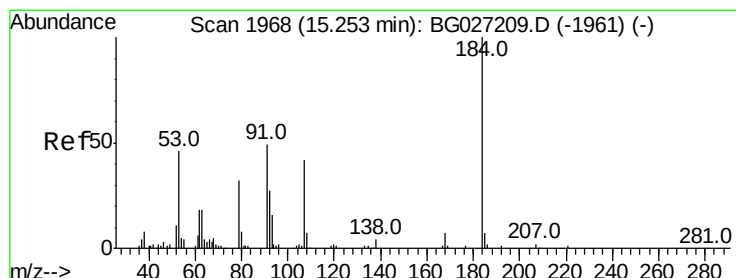
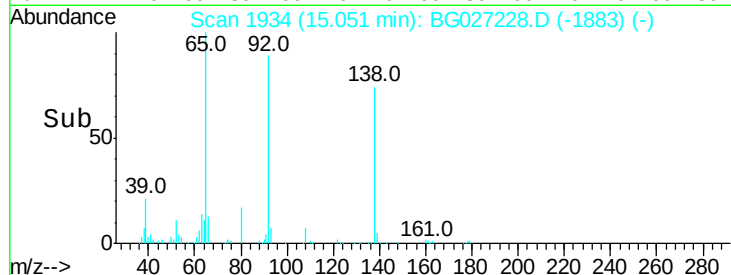
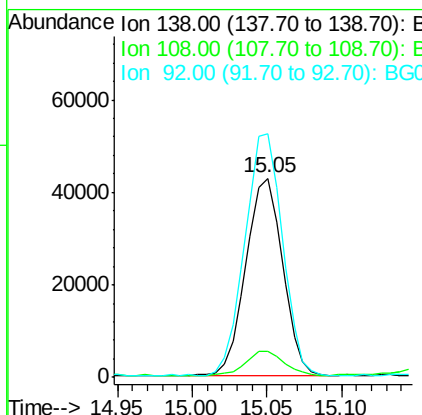
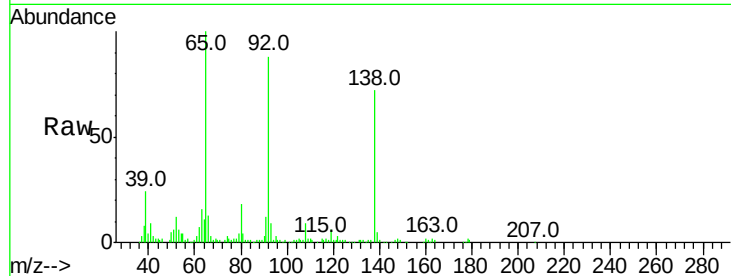




#52
3-Nitroaniline
Concen: 27.46 ng
RT: 15.05 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

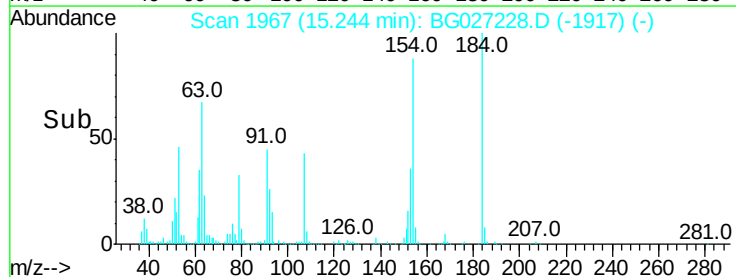
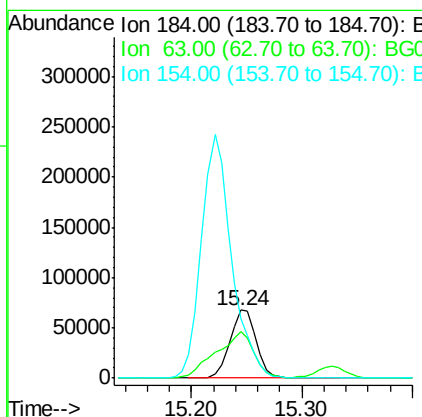
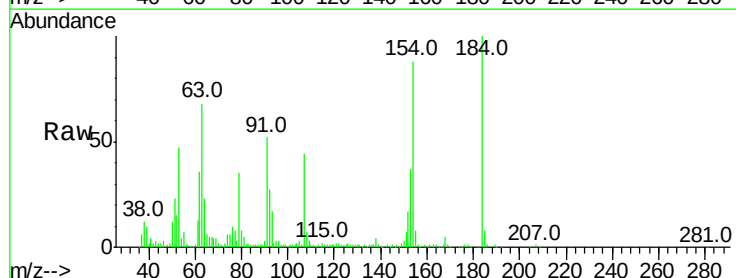
Instrument :
BNA_G
ClientSampleId :

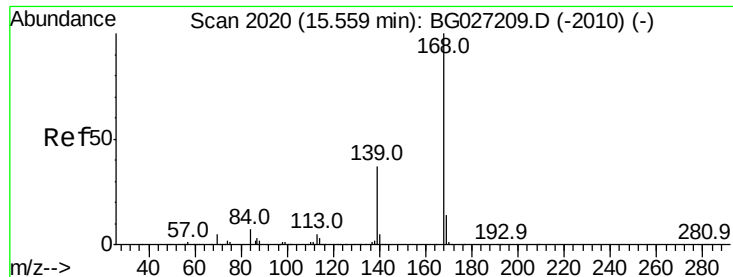
Tot Ion:138 Resp: 73542
Ion Ratio Lower Upper
138 100
108 12.9 10.9 16.3
92 122.3 115.3 172.9



#53
2,4-Dinitrophenol
Concen: 81.07 ng
RT: 15.24 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Tgt Ion:184 Resp: 111614
Ion Ratio Lower Upper
184 100
63 68.2 52.7 79.1
154 88.2 57.3 85.9#





#54

Dibenzofuran

Concen: 37.05 ng

RT: 15.55 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Instrument :

BNA_G

ClientSampleId :

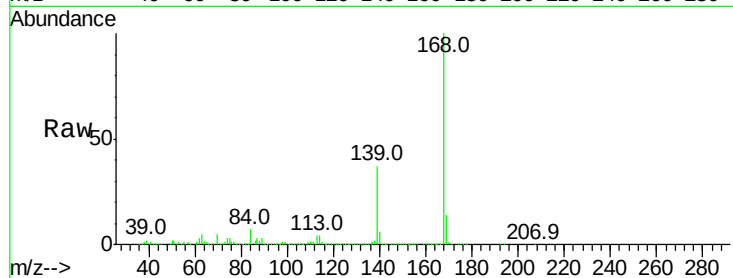
Tot Ion:168 Resp: 614543

Ion Ratio Lower Upper

168 100

139 37.4 35.3 52.9

169 14.2 11.5 17.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

500000

400000

300000

200000

100000

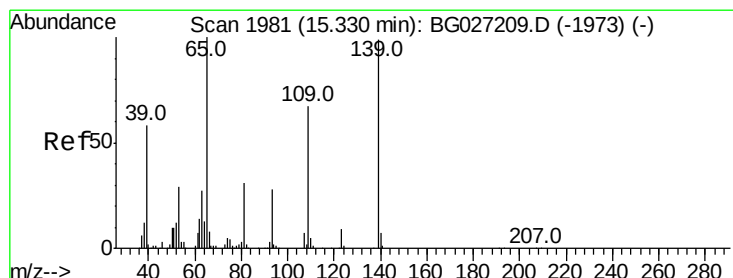
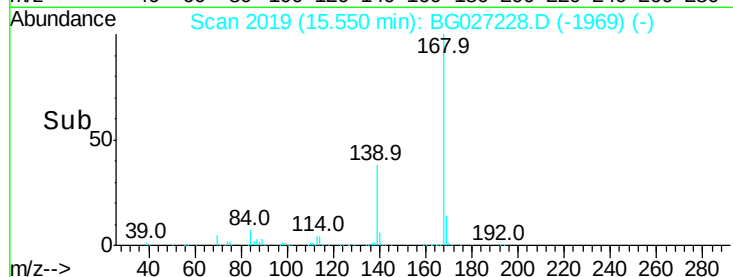
0

15.55

15.50

15.60

Time-->



#55

4-Nitrophenol

Concen: 29.38 ng

RT: 15.33 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

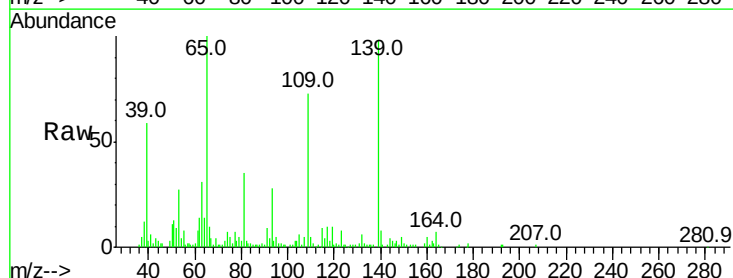
Tgt Ion:139 Resp: 66500

Ion Ratio Lower Upper

139 100

109 74.5 101.2 141.2#

65 102.1 135.3 175.3#



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): BGO

50000

40000

30000

20000

10000

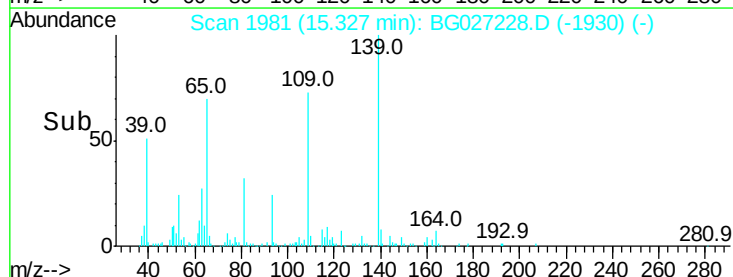
0

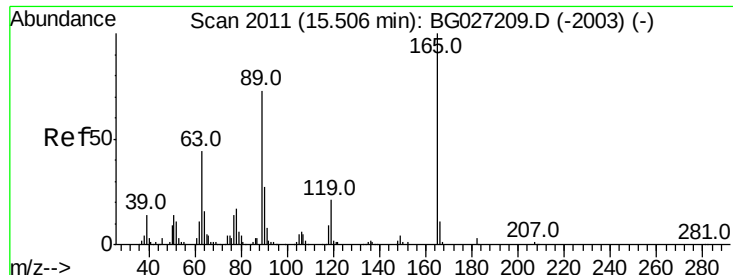
15.33

15.30

15.40

Time-->

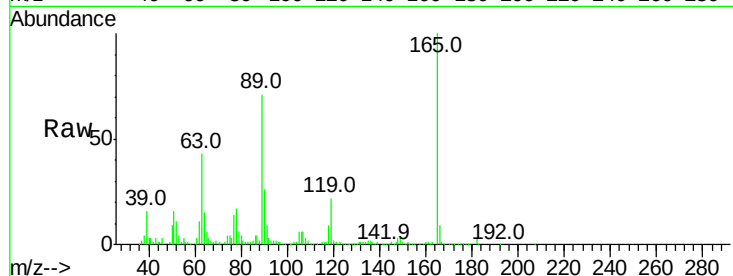




#56
2,4-Dinitrotoluene
Concen: 40.26 ng
RT: 15.50 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.5	44.0	66.0#
89	71.3	67.3	100.9
182	2.9	3.8	5.6#

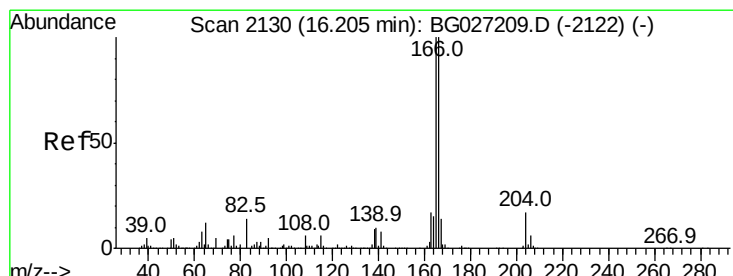
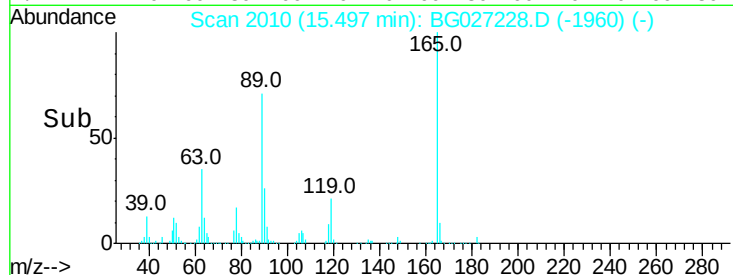
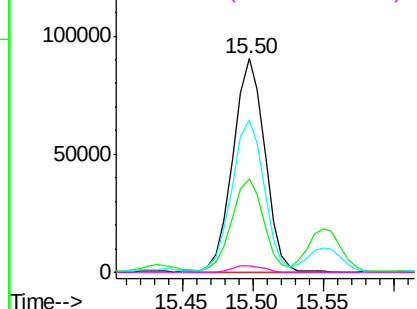


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

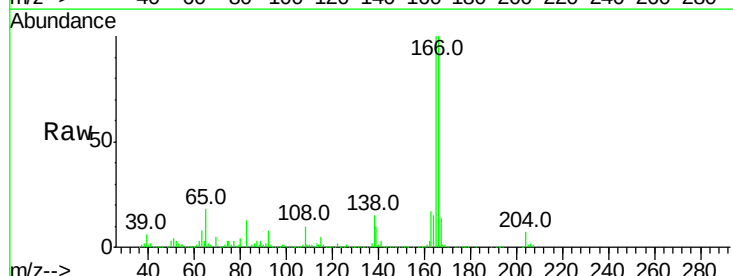
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 33.72 ng
RT: 16.20 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

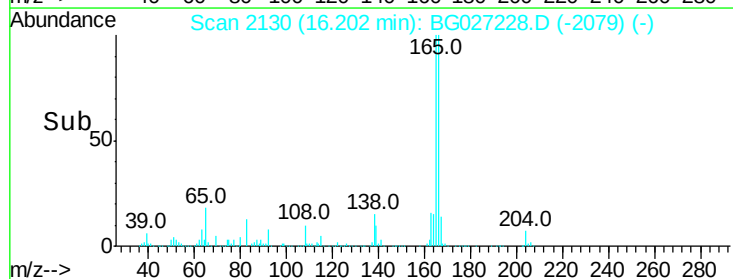
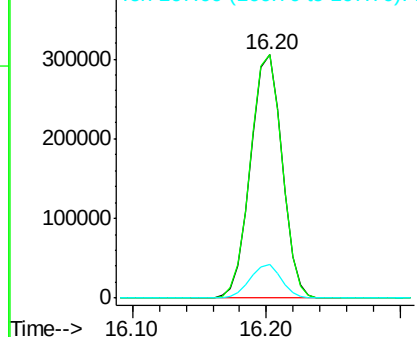
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.9	78.6	117.8
167	13.7	11.6	17.4

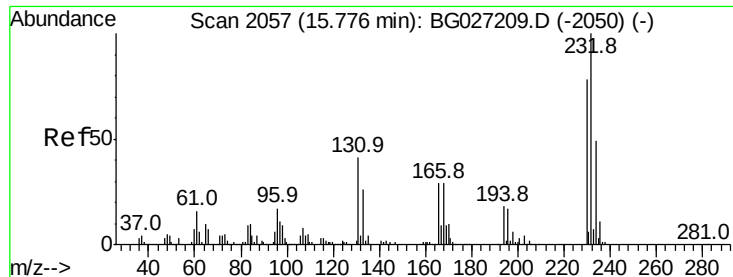


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

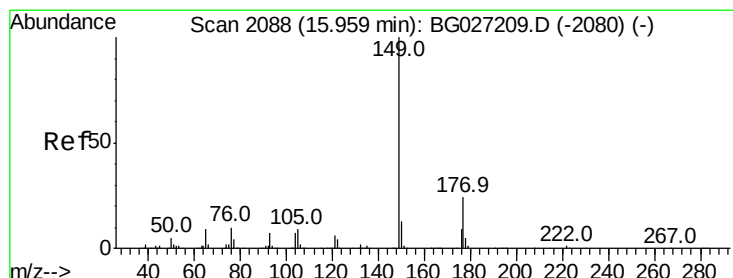
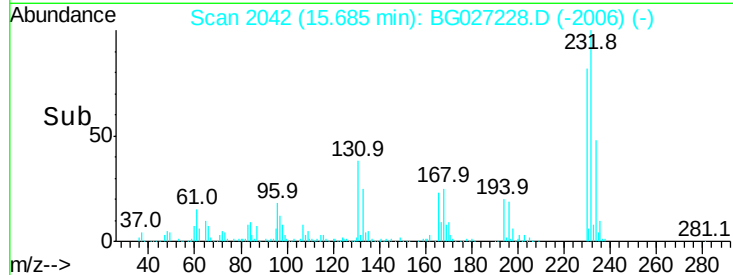
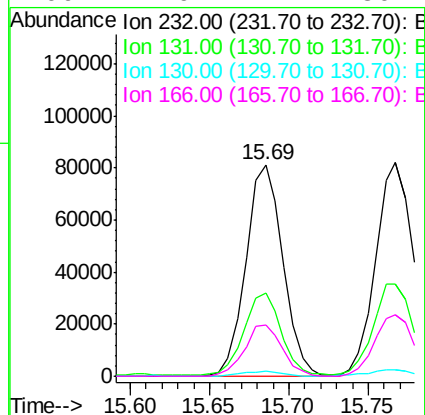
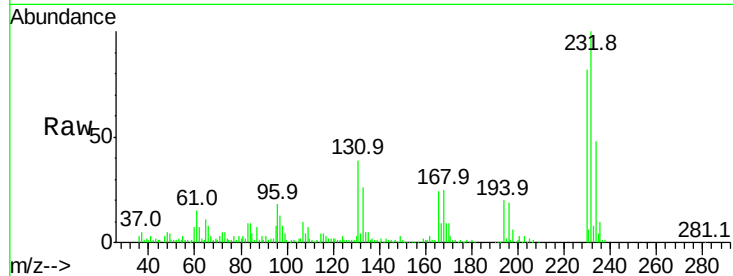




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.57 ng
 RT: 15.69 min Scan# 2042
 Delta R.T. -0.09 min
 Lab File: BG027228.D
 Acq: 6 Jun 2017 1:09

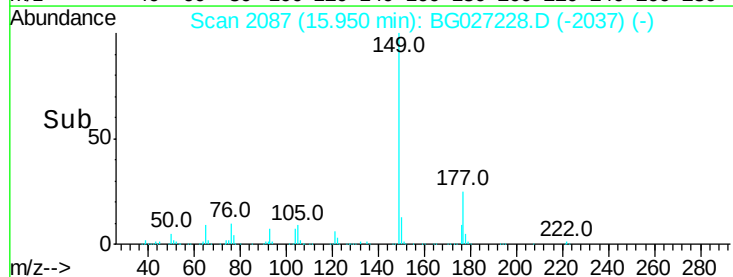
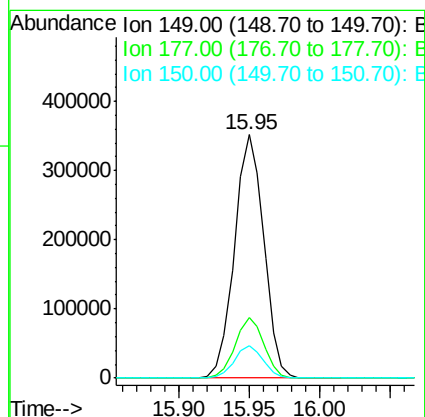
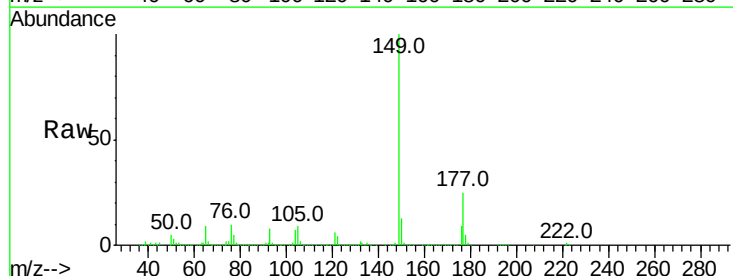
Instrument :
 BNA_G
 ClientSampleId :

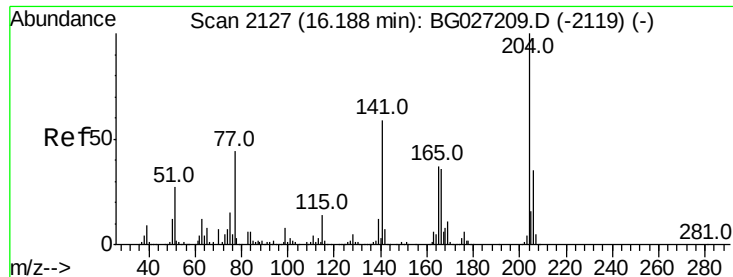
Tot Ion:232	Resp:	131615
Ion Ratio	Lower	Upper
232	100	
131	39.5	34.9 52.3
130	2.9	2.3 3.5
166	24.9	24.2 36.4



#59
 Diethylphthalate
 Concen: 36.30 ng
 RT: 15.95 min Scan# 2087
 Delta R.T. -0.01 min
 Lab File: BG027228.D
 Acq: 6 Jun 2017 1:09

Tgt Ion:149	Resp:	506084
Ion Ratio	Lower	Upper
149	100	
177	24.6	20.1 30.1
150	13.1	10.2 15.2

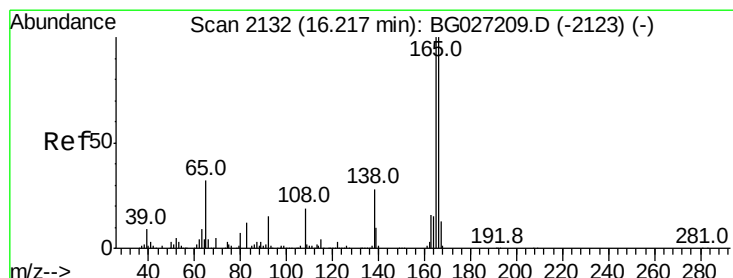
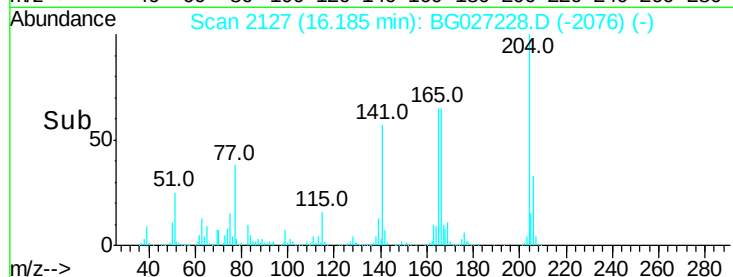
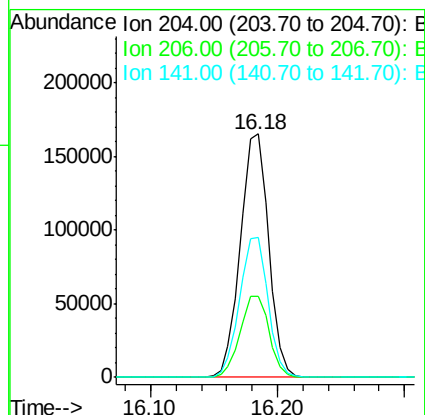
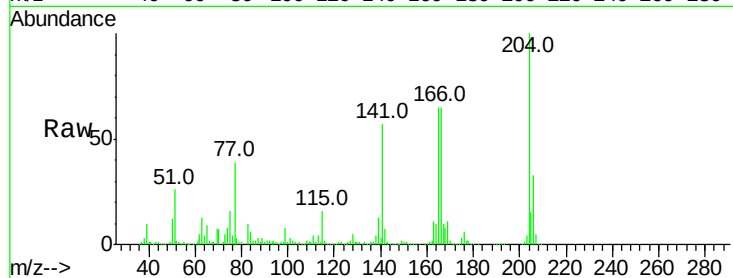




#60
4-Chlorophenyl-phenylether
Concen: 34.35 ng
RT: 16.18 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

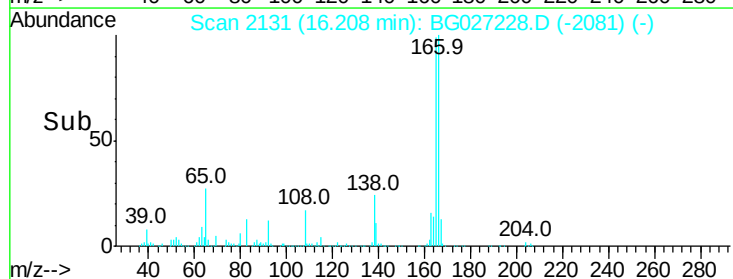
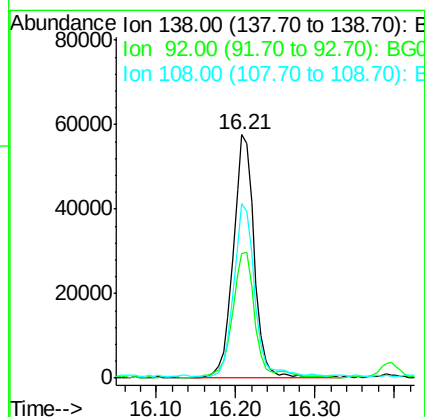
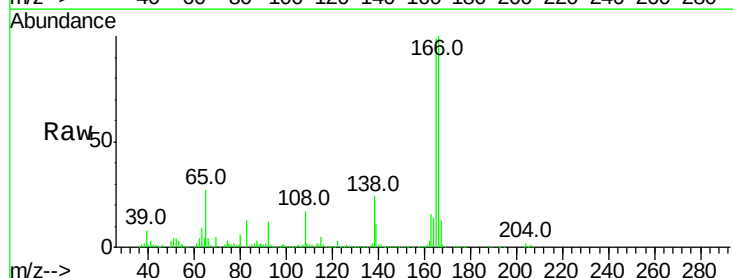
Instrument :
BNA_G
ClientSampled :

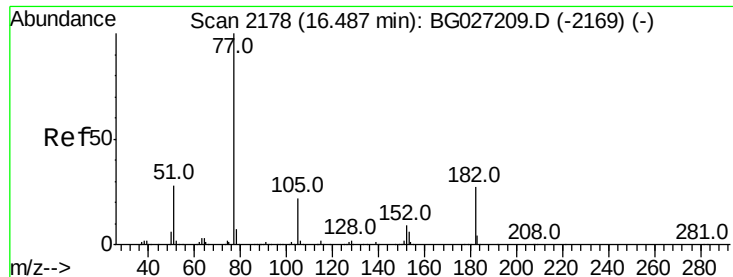
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	30.1	45.1
141	57.5	50.6	76.0



#61
4-Nitroaniline
Concen: 36.13 ng
RT: 16.21 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.1	44.2	84.2
108	71.5	104.8	144.8#





#62

Azobenzene

Concen: 38.61 ng

RT: 16.48 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 498881

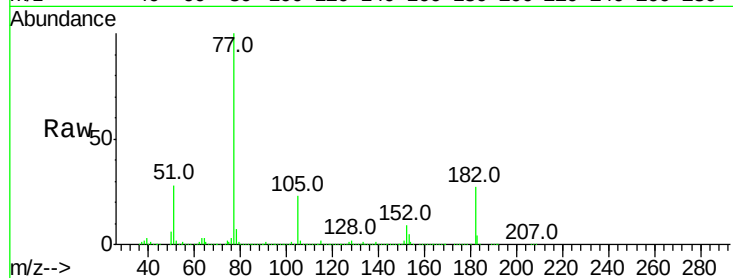
Ion Ratio Lower Upper

77 100

182 26.6 4.7 44.7

105 22.7 0.0 36.3

51 27.9 16.4 56.4

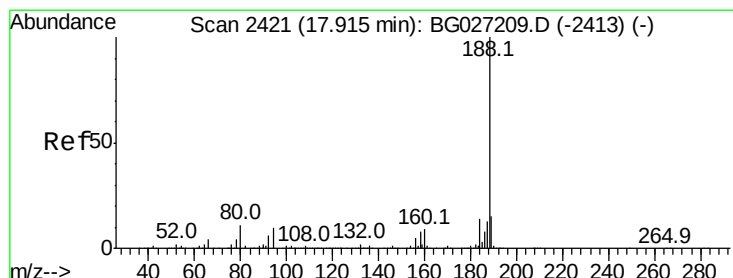
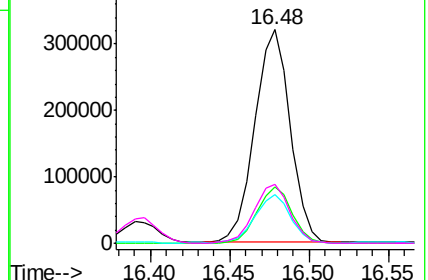
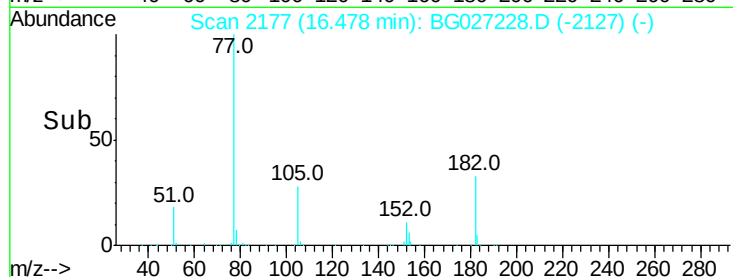


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.91 min Scan# 2420

Delta R.T. -0.01 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

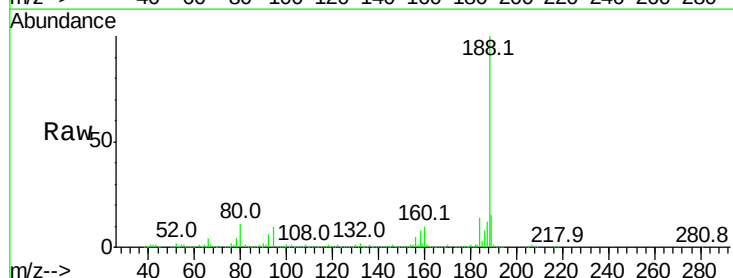
Tgt Ion: 188 Resp: 391941

Ion Ratio Lower Upper

188 100

94 9.9 5.8 8.8#

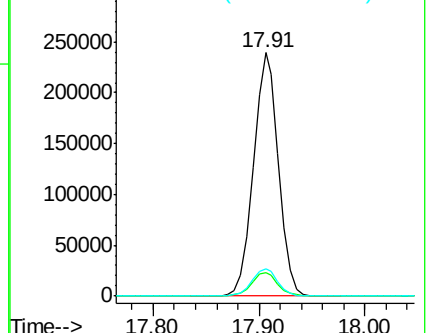
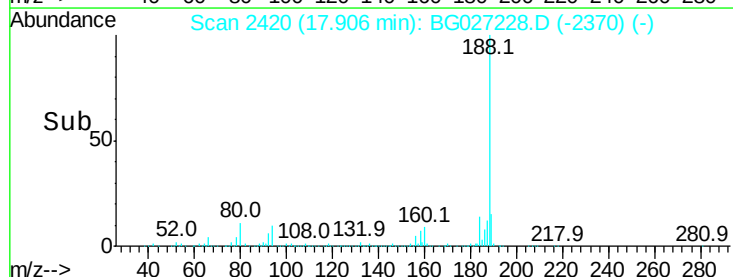
80 11.1 7.5 11.3

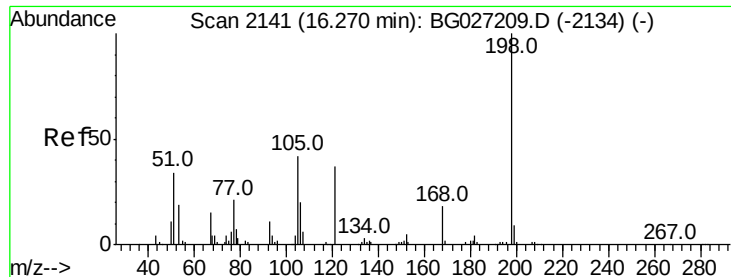


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

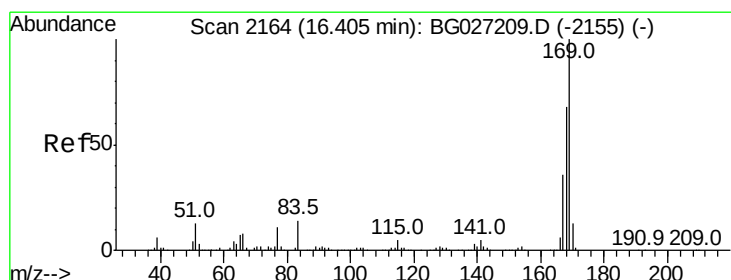
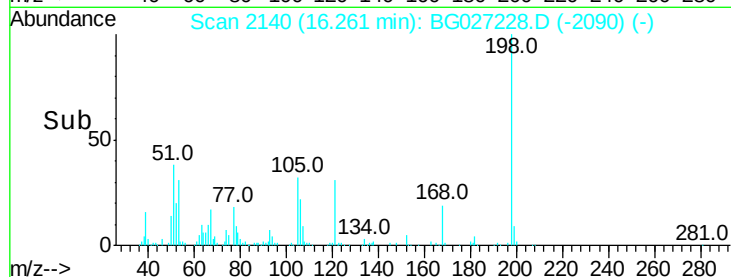
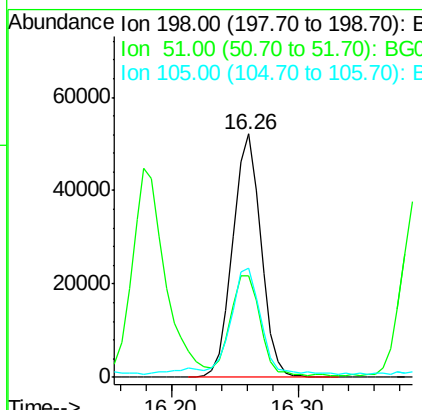
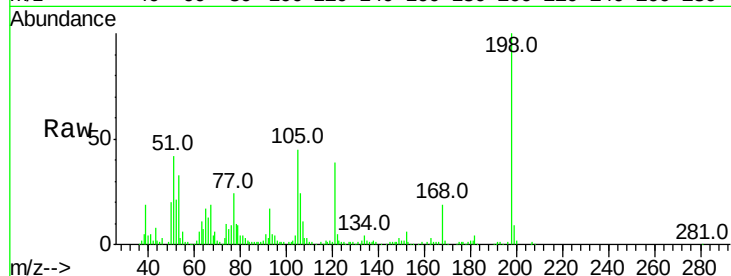




#64
4,6-Dinitro-2-methylphenol
Concen: 46.54 ng
RT: 16.26 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

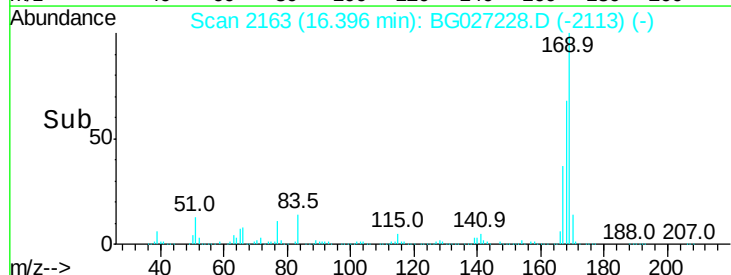
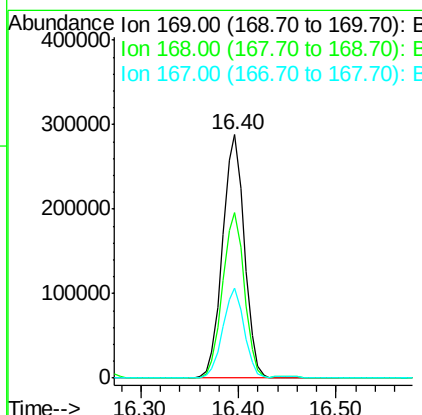
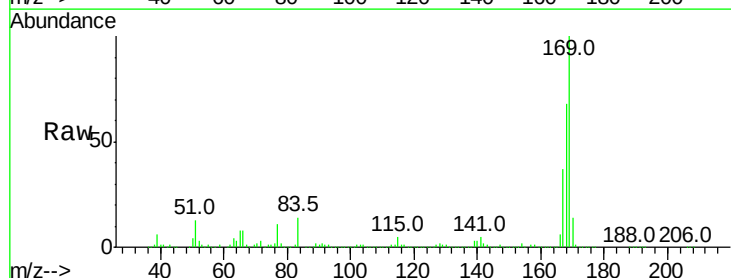
Instrument :
BNA_G
ClientSampleId :

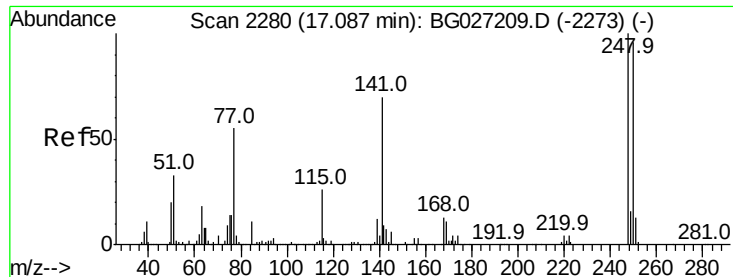
Tot Ion	198	Resp	80069
Ion Ratio	100	Lower	Upper
51	41.9	22.6	62.6
105	45.1	14.4	54.4



#65
n-Nitrosodiphenylamine
Concen: 36.31 ng
RT: 16.40 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Tgt Ion	169	Resp	446164
Ion Ratio	100	Lower	Upper
168	68.0	55.7	83.5
167	36.9	29.8	44.6

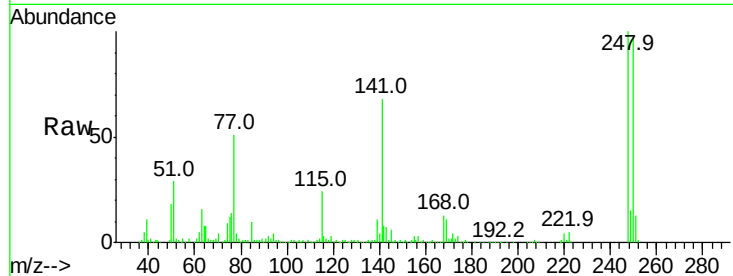




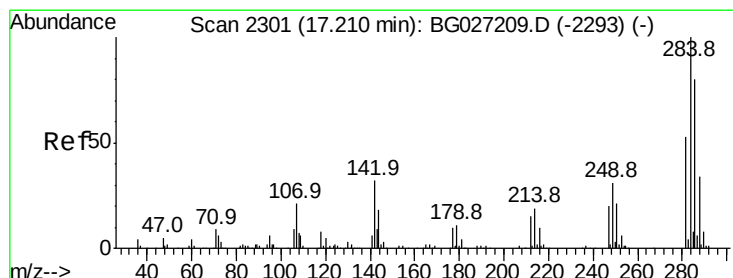
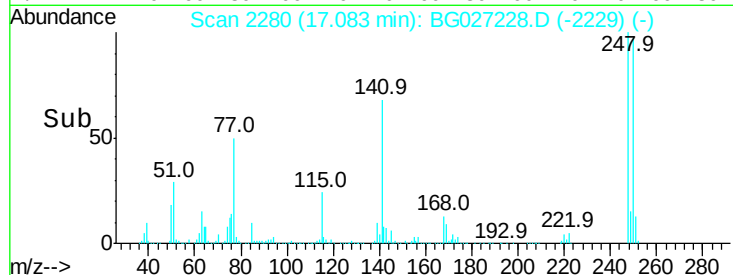
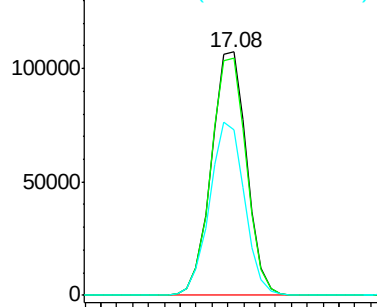
#66
4-Bromophenyl-phenylether
Concen: 35.63 ng
RT: 17.08 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 165304
Ion Ratio Lower Upper
248 100
250 97.4 75.0 112.6
141 68.2 55.2 82.8

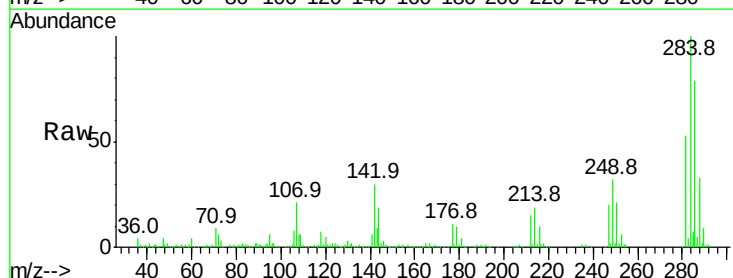


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

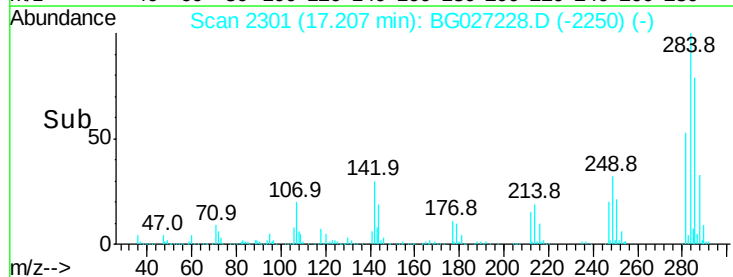
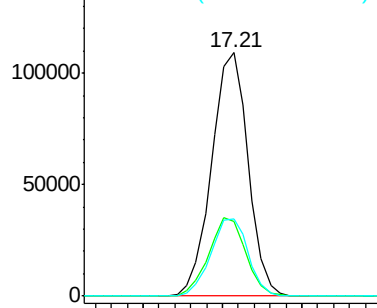


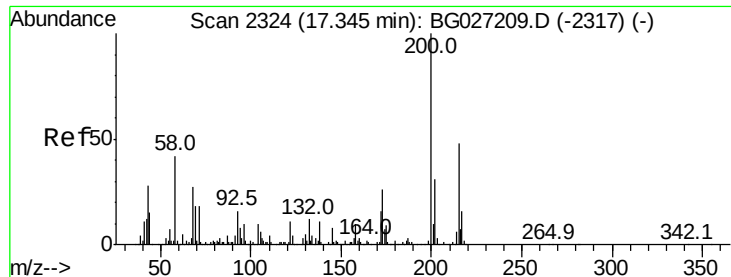
#67
Hexachlorobenzene
Concen: 34.87 ng
RT: 17.21 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Tgt Ion:284 Resp: 173982
Ion Ratio Lower Upper
284 100
142 30.4 29.9 44.9
249 31.6 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

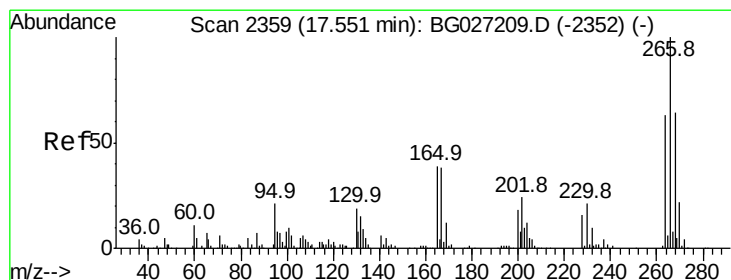
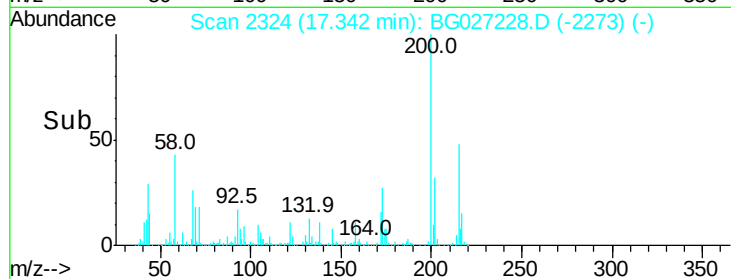
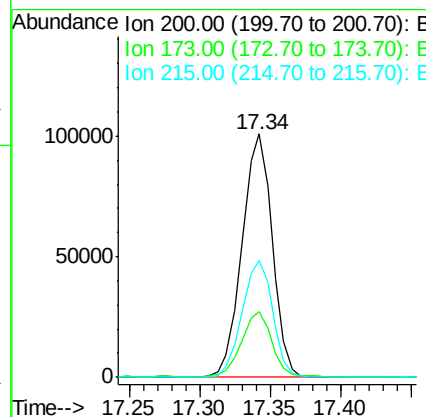
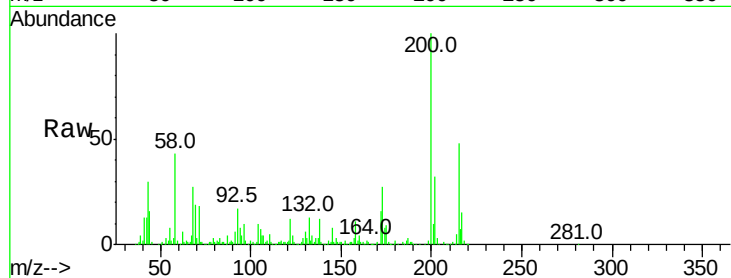




#68
 Atrazine
 Concen: 36.64 ng
 RT: 17.34 min Scan# 2324
 Delta R.T. -0.00 min
 Lab File: BG027228.D
 Acq: 6 Jun 2017 1:09

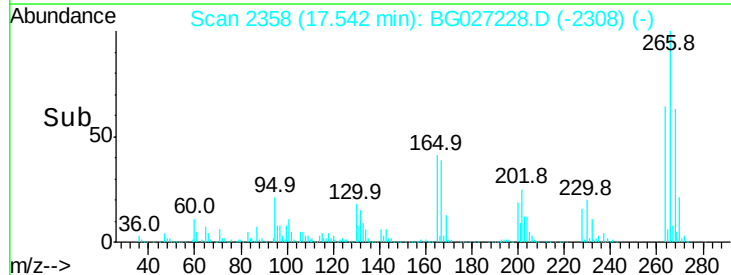
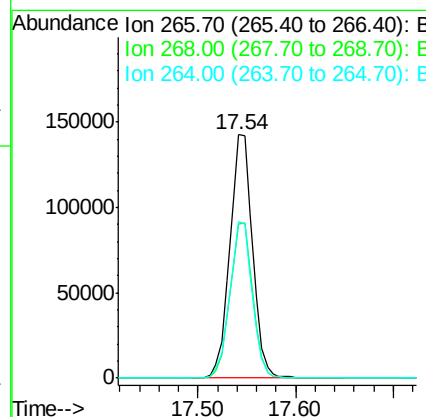
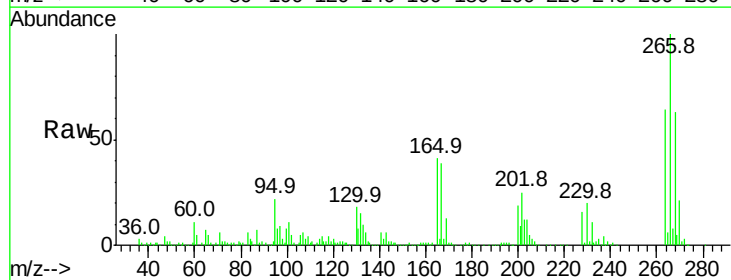
Instrument :
 BNA_G
 ClientSampleId :

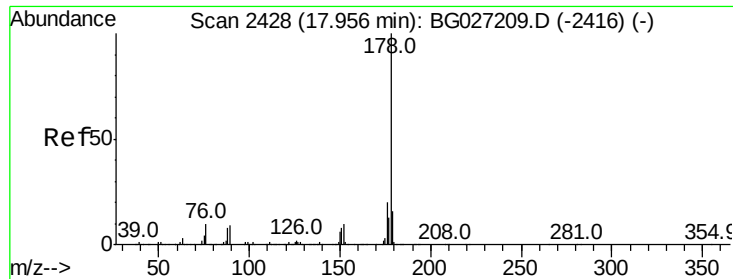
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	3.0	43.0
215	48.1	28.4	68.4



#69
 Pentachlorophenol
 Concen: 78.48 ng
 RT: 17.54 min Scan# 2358
 Delta R.T. -0.01 min
 Lab File: BG027228.D
 Acq: 6 Jun 2017 1:09

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	48.6	72.8
264	64.4	50.1	75.1





#70

Phenanthrene

Concen: 35.13 ng

RT: 17.95 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Instrument :

BNA_G

ClientSampleId :

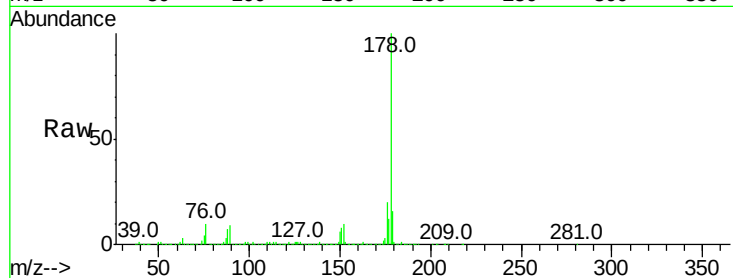
Tot Ion:178 Resp: 774678

Ion	Ratio	Lower	Upper
178	100		
176	20.4	17.7	26.5
179	16.0	15.0	22.6

178 100

176 20.4 17.7 26.5

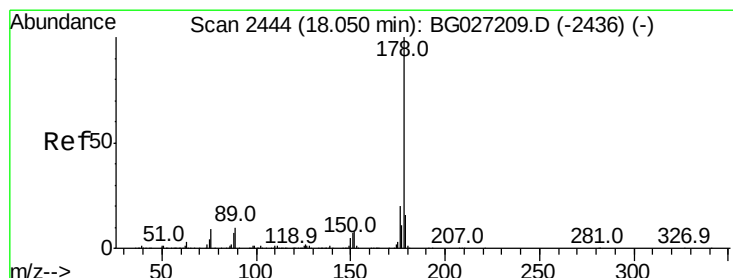
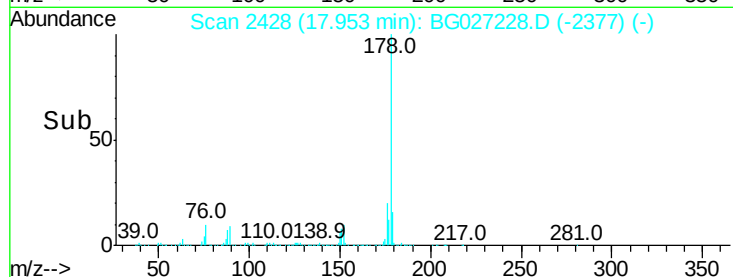
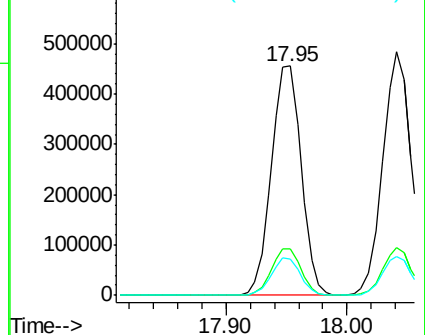
179 16.0 15.0 22.6



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: 35.87 ng

RT: 18.04 min Scan# 2443

Delta R.T. -0.01 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

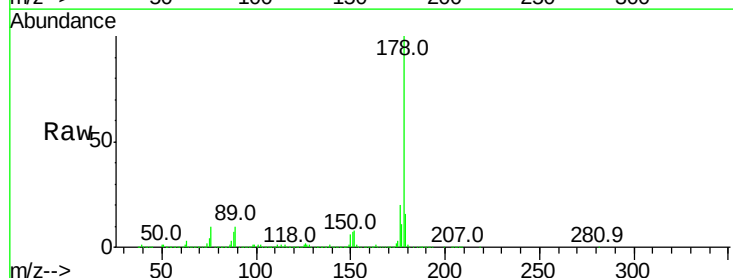
Tgt Ion:178 Resp: 792537

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.4	24.6
179	15.9	13.8	20.8

178 100

176 19.8 16.4 24.6

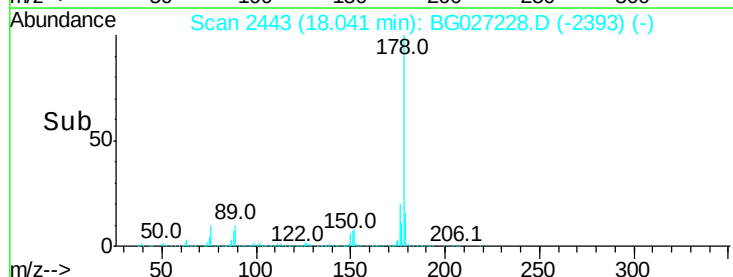
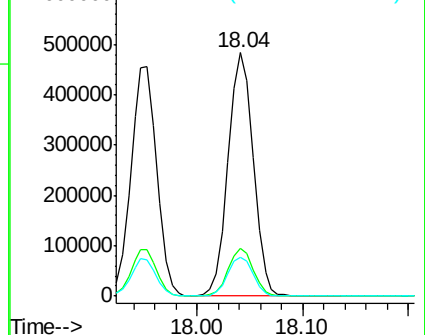
179 15.9 13.8 20.8

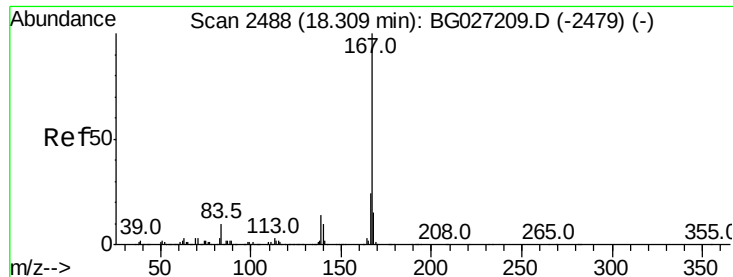


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 33.84 ng

RT: 18.31 min Scan# 2488

Delta R.T. -0.00 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

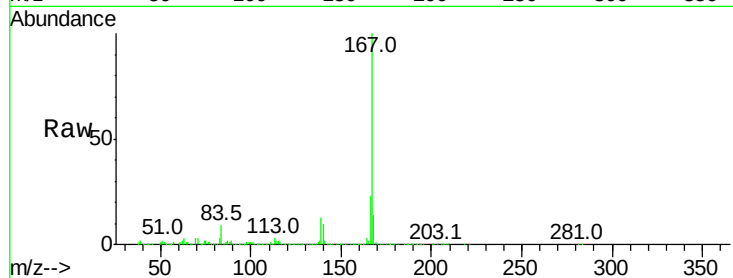
Instrument :

BNA_G

ClientSampled :

Tot Ion:167 Resp: 705148

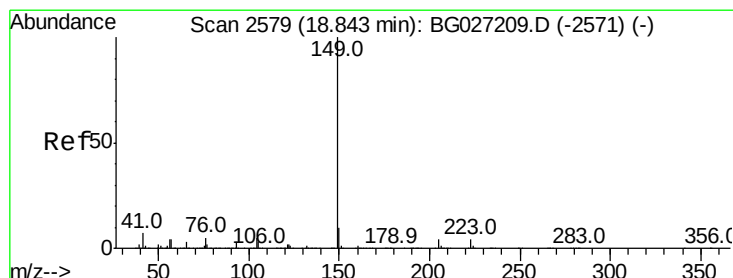
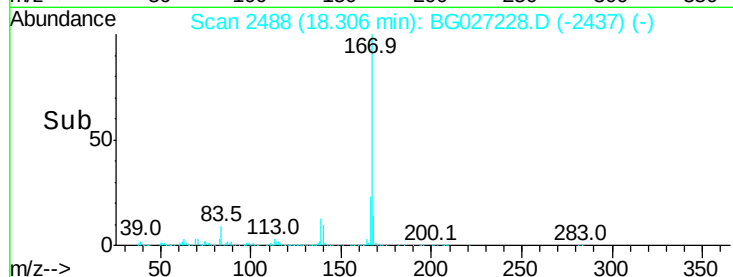
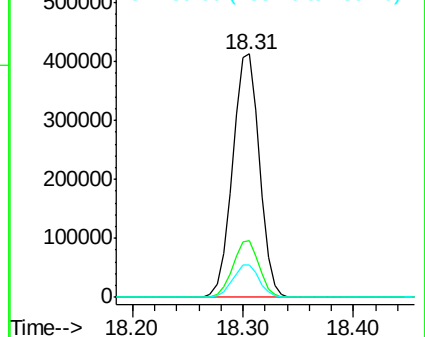
Ion	Ratio	Lower	Upper
167	100		
166	23.2	20.2	30.2
139	13.1	12.8	19.2



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: 42.17 ng

RT: 18.83 min Scan# 2578

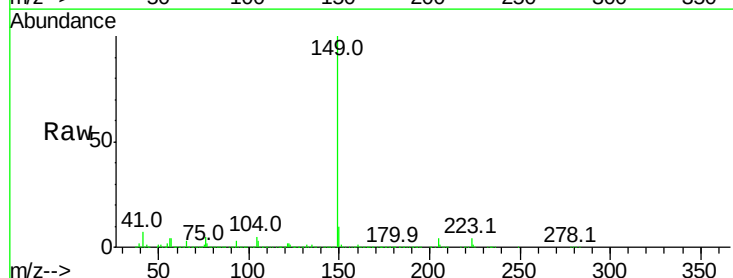
Delta R.T. -0.01 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Tgt Ion:149 Resp: 851965

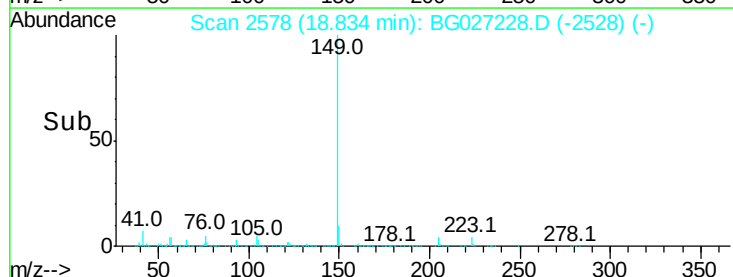
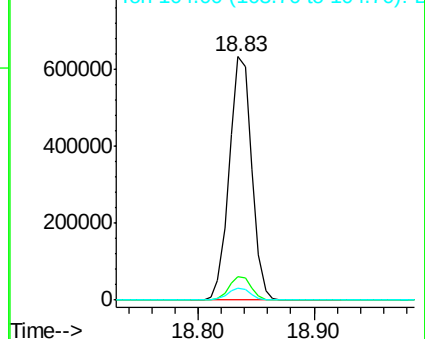
Ion	Ratio	Lower	Upper
149	100		
150	9.8	9.1	13.7
104	5.0	6.7	10.1#

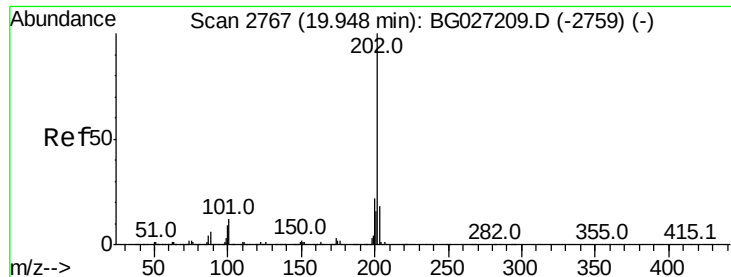


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 37.65 ng

RT: 19.94 min Scan# 2766

Delta R.T. -0.01 min

Lab File: BG027228.D

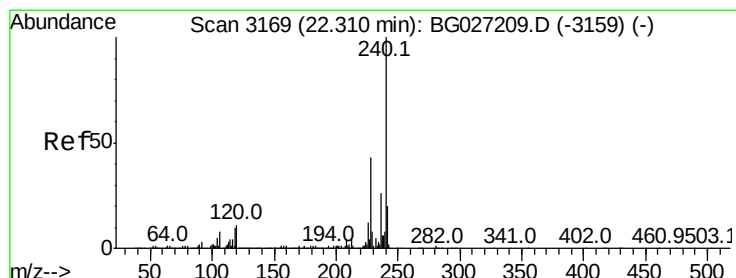
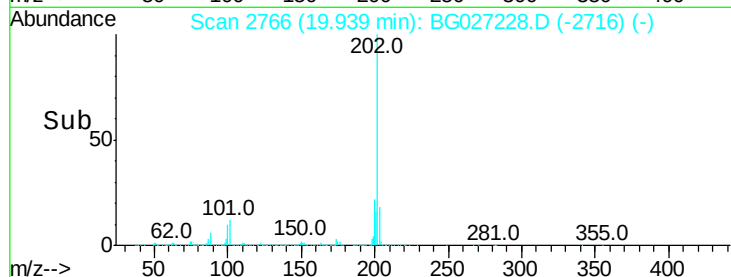
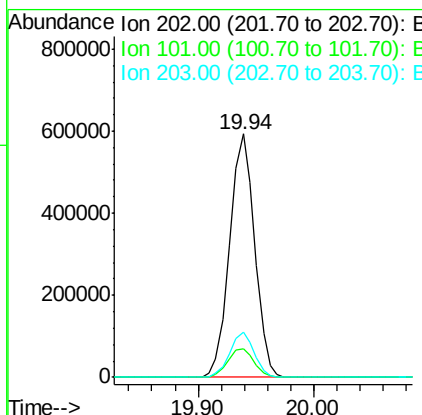
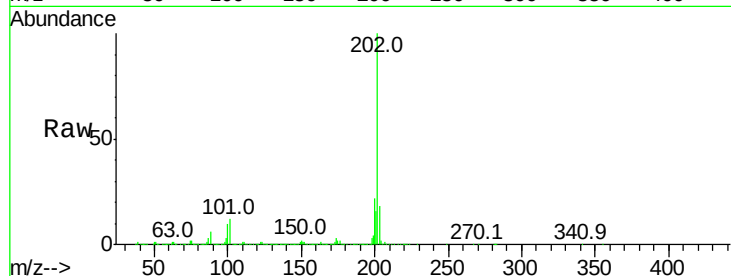
Acq: 6 Jun 2017 1:09

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	886837
Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	30.1
203	18.4	1.3	41.3



#75

Chrysene-d12

Concen: 20.00 ng

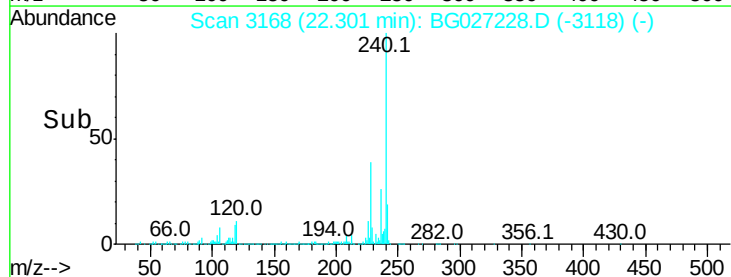
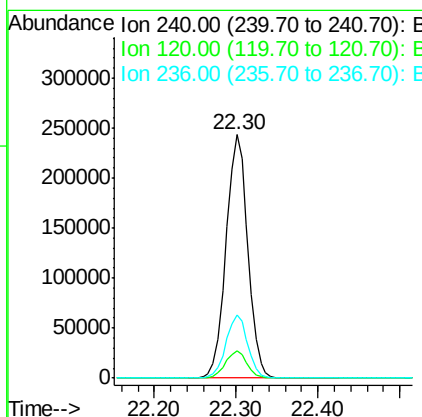
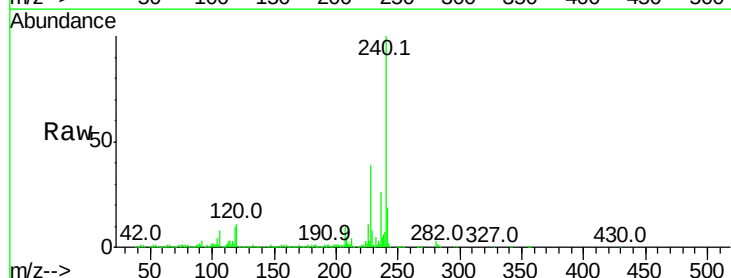
RT: 22.30 min Scan# 3168

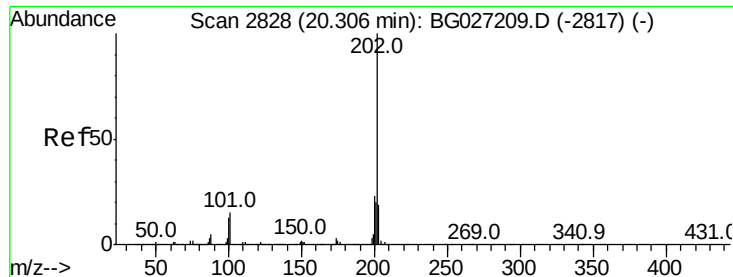
Delta R.T. -0.01 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Tgt Ion:	240	Resp:	448469
Ion	Ratio	Lower	Upper
240	100		
120	11.0	5.7	8.5#
236	25.8	22.2	33.4





#77

Pvrene

Concen: 33.40 ng

RT: 20.30 min Scan# 2828

Delta R.T. -0.00 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Instrument :

BNA_G

ClientSampleId :

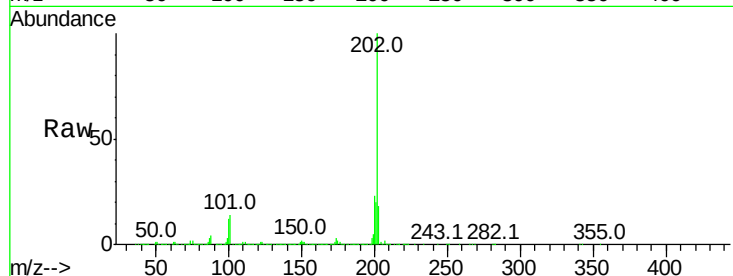
Tot Ion:202 Resp: 905088

Ion Ratio Lower Upper

202 100

200 23.0 19.6 29.4

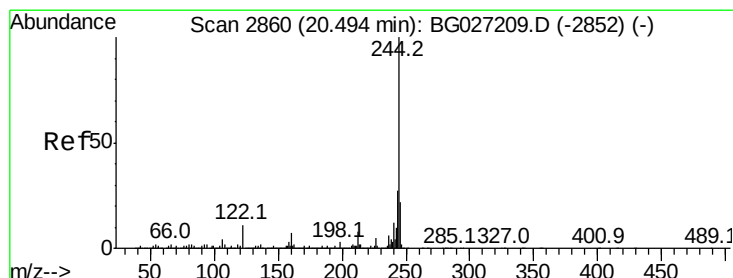
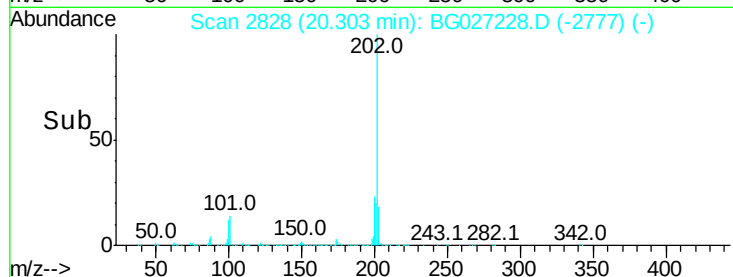
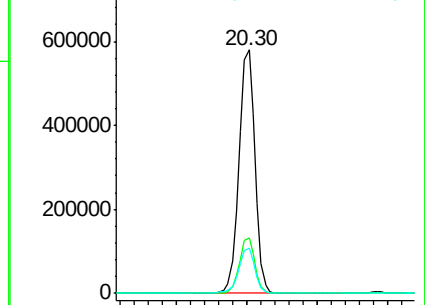
203 18.5 15.8 23.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 68.85 ng

RT: 20.49 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

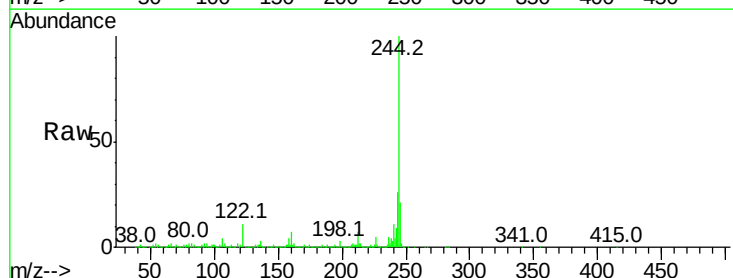
Tgt Ion:244 Resp: 1210470

Ion Ratio Lower Upper

244 100

212 7.5 10.0 15.0#

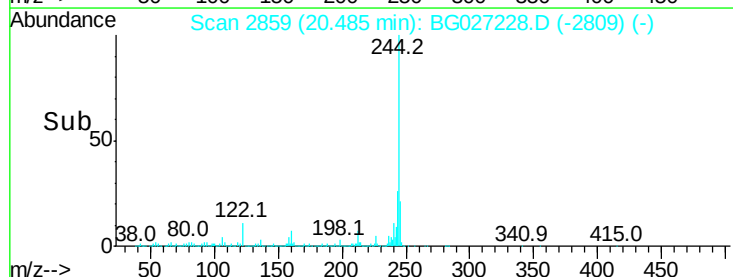
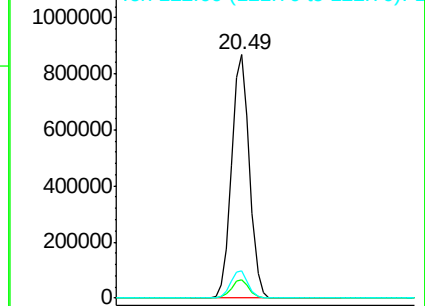
122 11.0 8.6 12.8

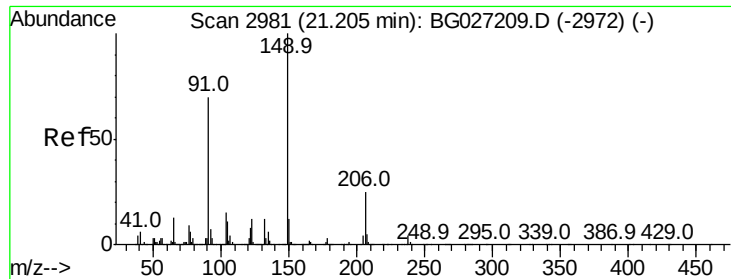


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

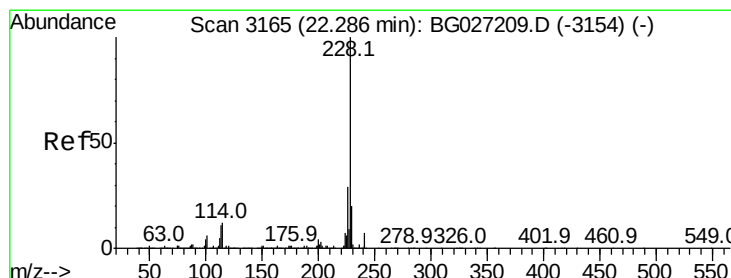
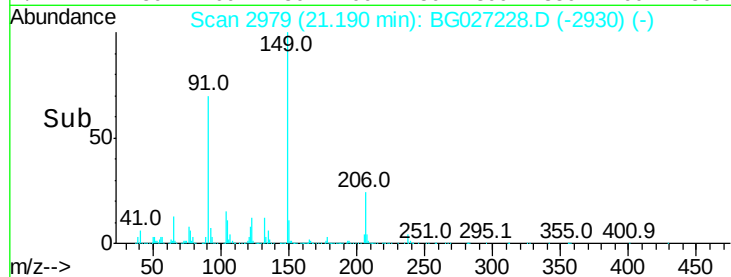
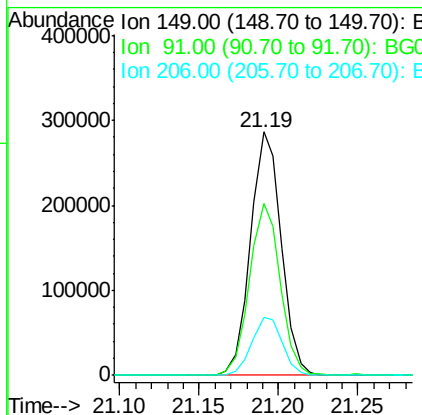
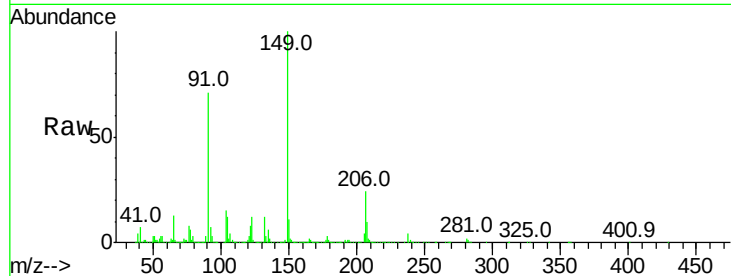




#79
Butylbenzylphthalate
Concen: 39.97 ng
RT: 21.19 min Scan# 2979
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

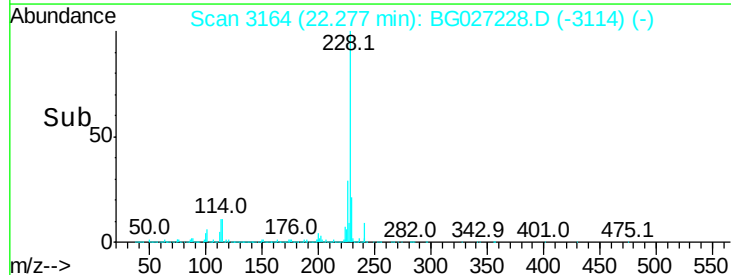
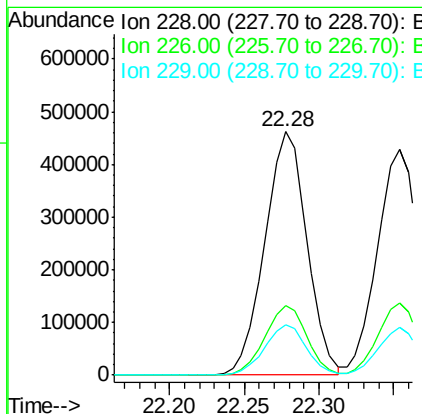
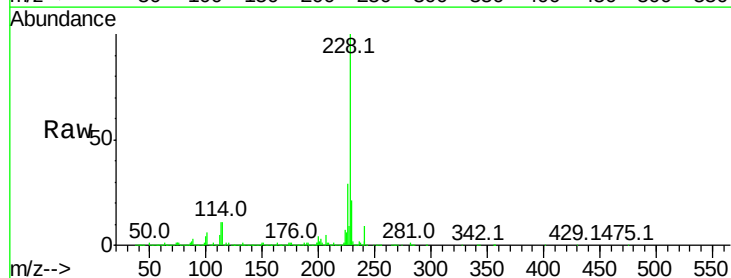
Instrument :
BNA_G
ClientSampleId :

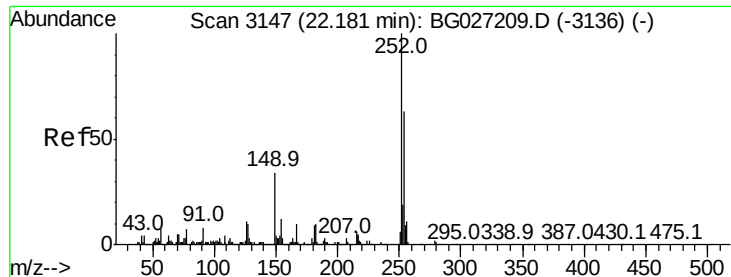
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.6	63.5	95.3
206	24.1	21.0	31.6



#80
Benzo(a)anthracene
Concen: 35.45 ng
RT: 22.28 min Scan# 3164
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.9	37.3
229	20.6	18.2	27.2

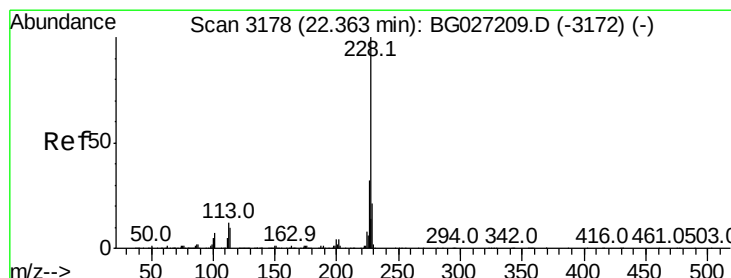
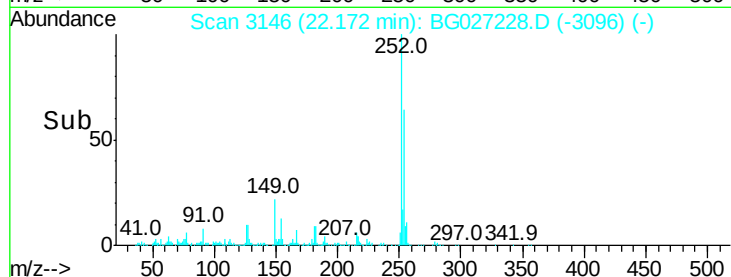
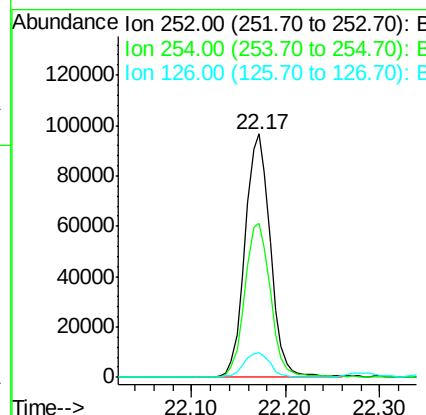
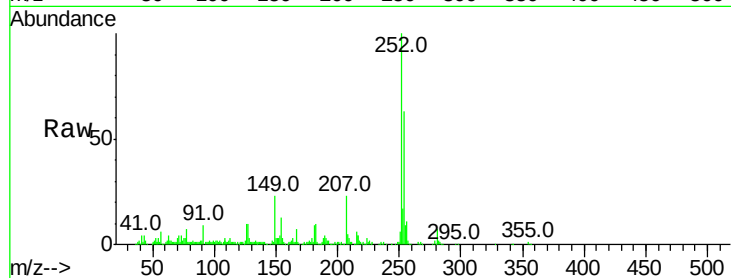




#81
 3,3'-Dichlorobenzidine
 Concen: 18.19 ng
 RT: 22.17 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG027228.D
 Acq: 6 Jun 2017 1:09

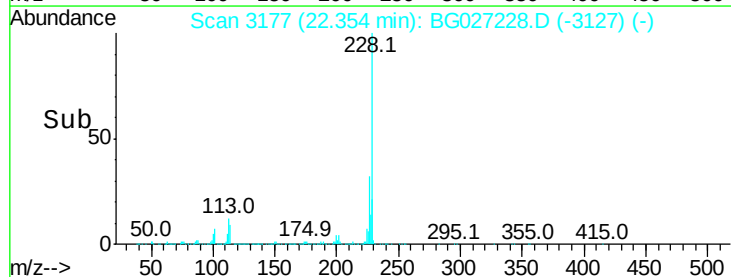
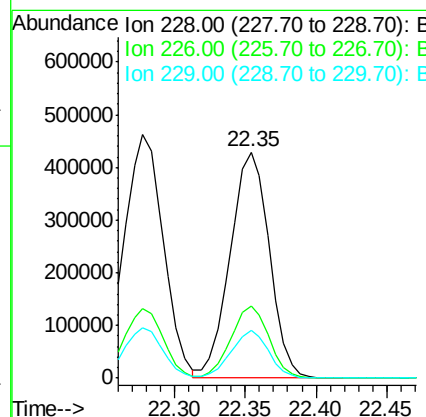
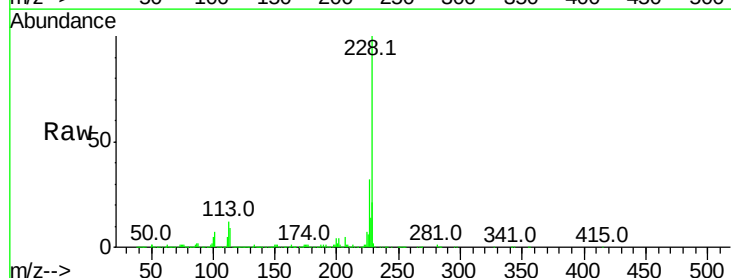
Instrument :
 BNA_G
 ClientSampleId :

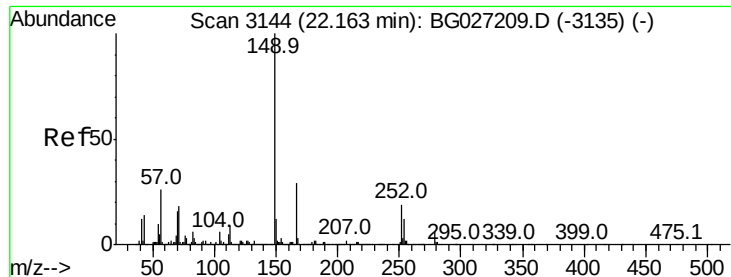
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.5	53.1	79.7
126	10.0	7.0	10.4



#82
 Chrysene
 Concen: 33.67 ng
 RT: 22.35 min Scan# 3177
 Delta R.T. -0.01 min
 Lab File: BG027228.D
 Acq: 6 Jun 2017 1:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	27.0	40.4
229	20.9	17.8	26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.13 ng

RT: 22.15 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Instrument :

BNA_G

ClientSampled :

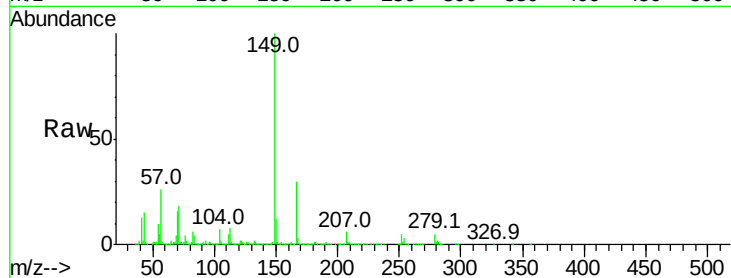
Tot Ion:149 Resp: 551700

Ion Ratio Lower Upper

149 100

167 29.6 23.7 35.5

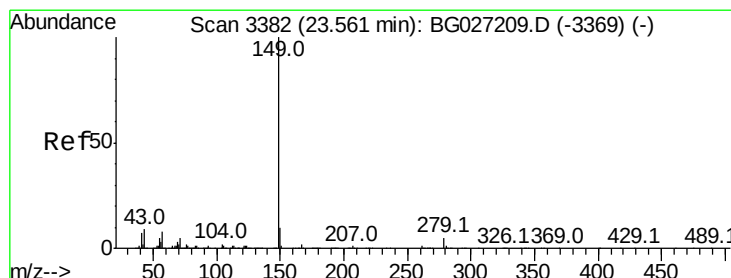
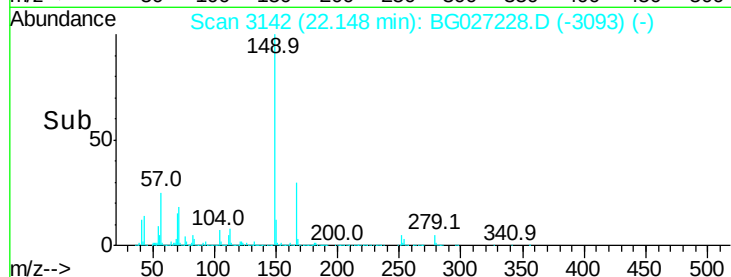
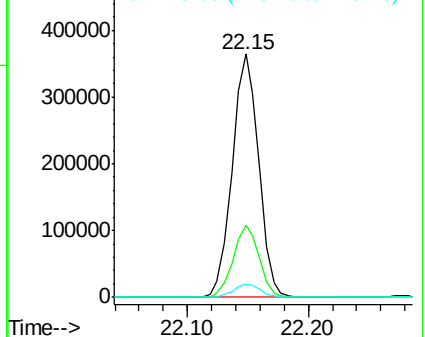
279 5.3 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.77 ng

RT: 23.54 min Scan# 3379

Delta R.T. -0.02 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

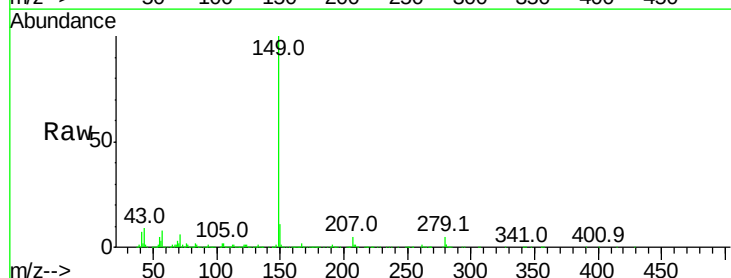
Tgt Ion:149 Resp: 929172

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

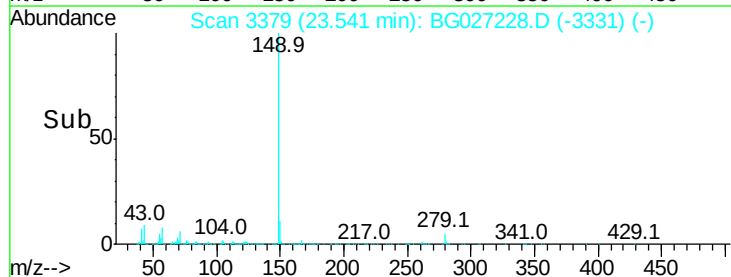
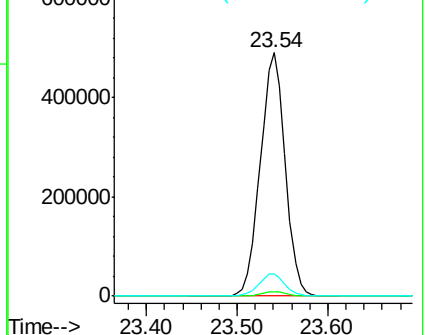
43 9.1 11.8 17.6#

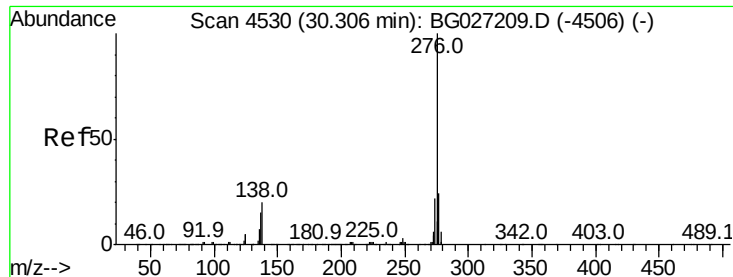


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.86 ng

RT: 30.27 min Scan# 4525

Delta R.T. -0.03 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Instrument :

BNA_G

ClientSampleId :

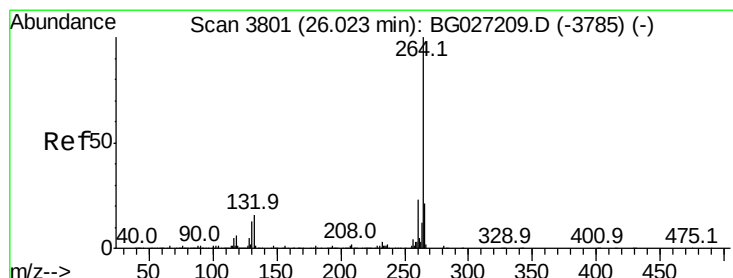
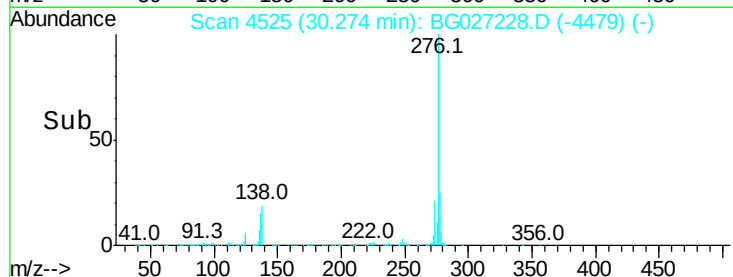
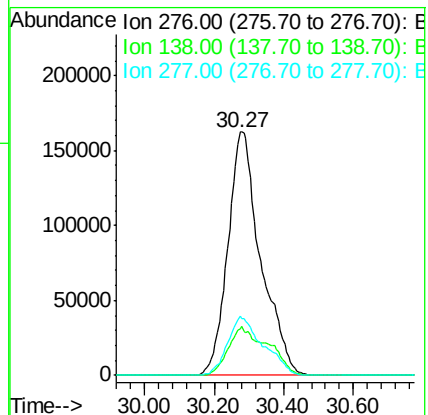
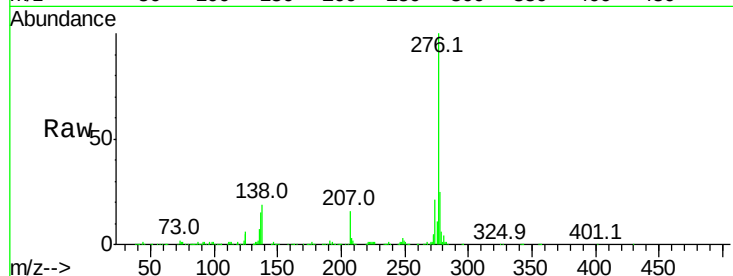
Tot Ion:276 Resp: 1066284

Ion Ratio Lower Upper

276 100

138 24.0 4.7 7.1#

277 26.1 20.6 31.0



#86

Perylene-d12

Concen: 20.00 ng

RT: 26.00 min Scan# 3798

Delta R.T. -0.02 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

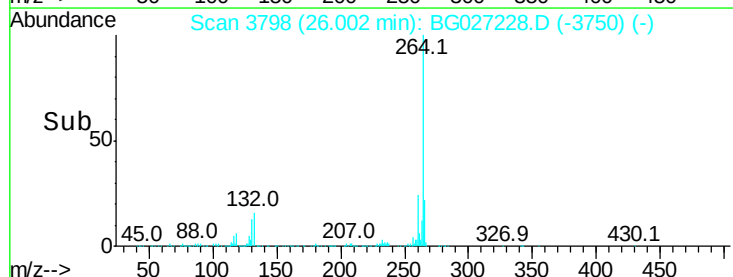
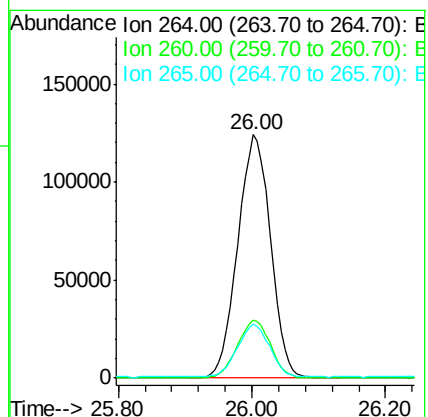
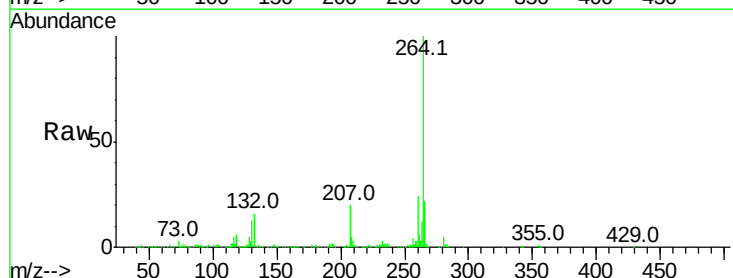
Tgt Ion:264 Resp: 421232

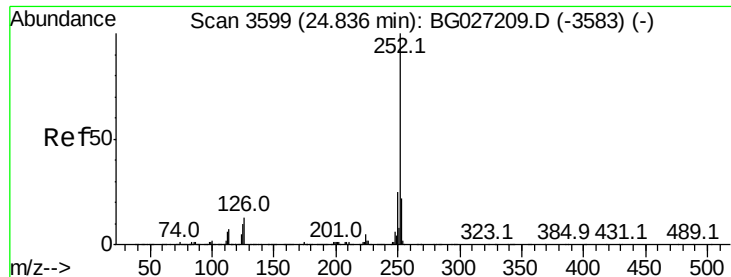
Ion Ratio Lower Upper

264 100

260 23.9 21.8 32.8

265 22.1 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 35.55 ng

RT: 24.82 min Scan# 3596

Delta R.T. -0.02 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Instrument :

BNA_G

ClientSampleId :

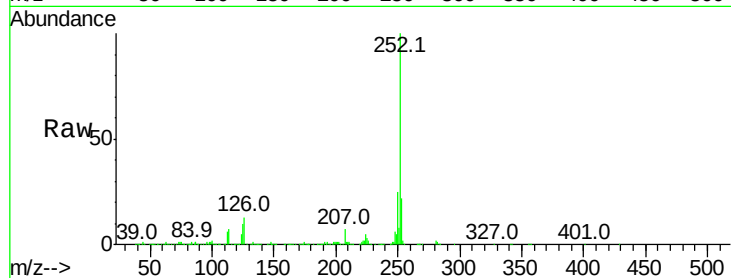
Tot Ion:252 Resp: 928812

Ion Ratio Lower Upper

252 100

253 22.4 18.7 28.1

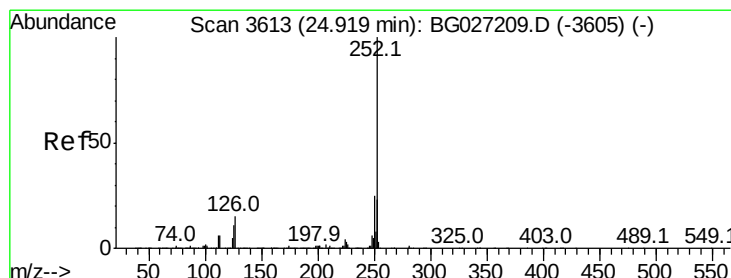
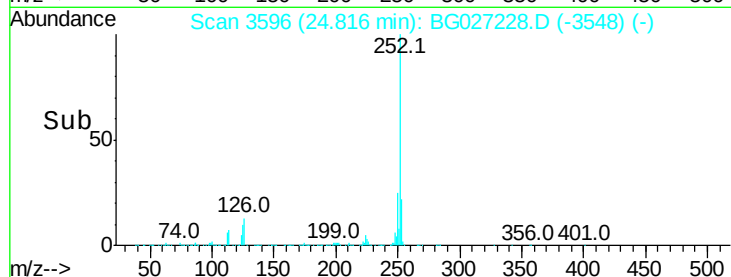
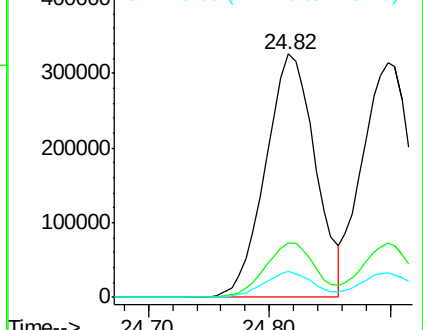
125 10.4 5.3 7.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 34.96 ng

RT: 24.90 min Scan# 3610

Delta R.T. -0.02 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

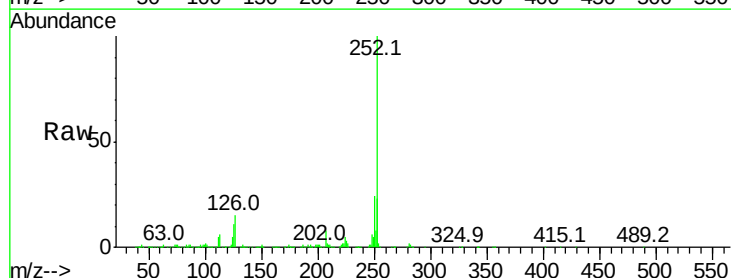
Tgt Ion:252 Resp: 896008

Ion Ratio Lower Upper

252 100

253 22.8 20.2 30.2

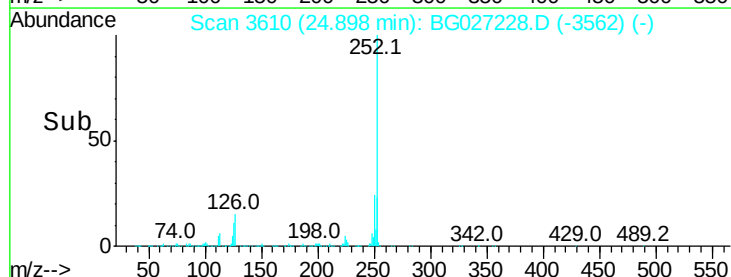
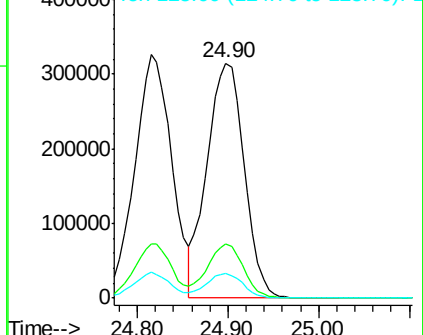
125 10.6 5.1 7.7#

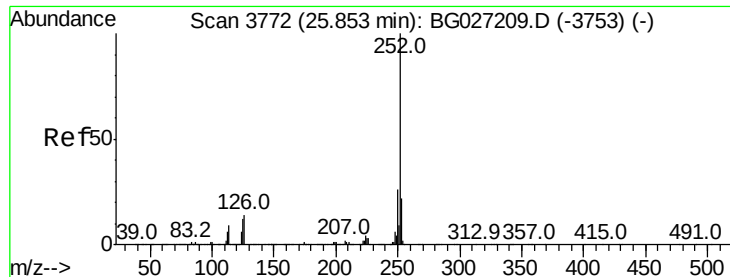


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 35.66 ng

RT: 25.83 min Scan# 3769

Delta R.T. -0.02 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Instrument :

BNA_G

ClientSampleId :

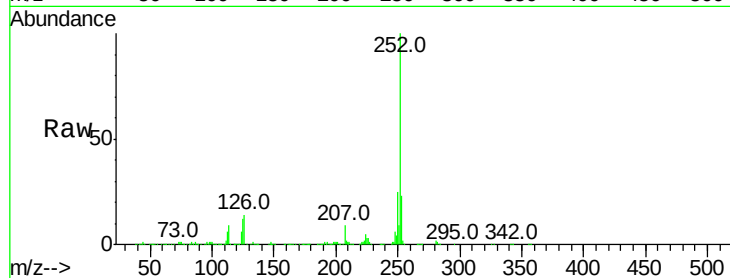
Tot Ion:252 Resp: 876994

Ion Ratio Lower Upper

252 100

253 22.5 19.2 28.8

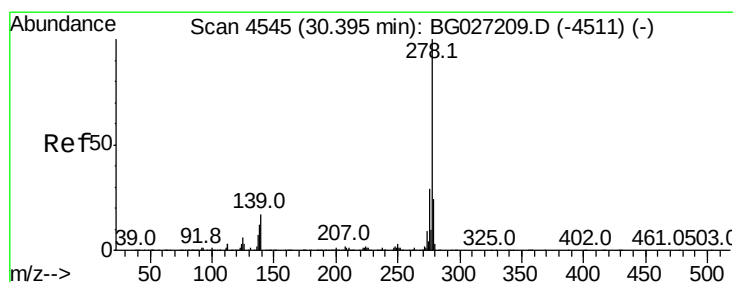
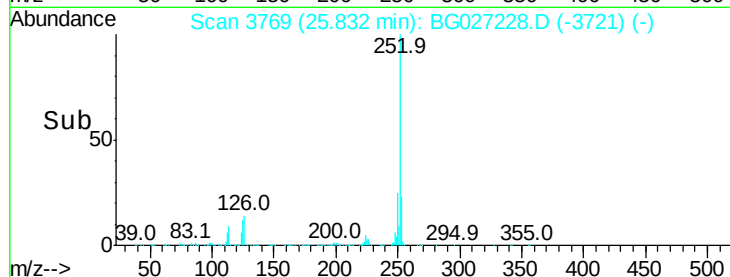
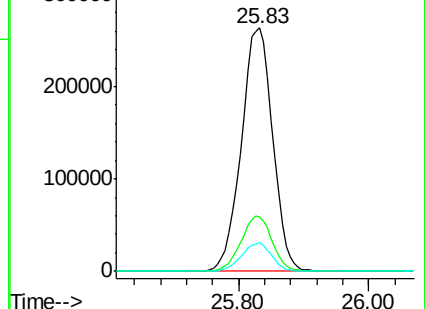
125 11.7 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 35.35 ng

RT: 30.37 min Scan# 4541

Delta R.T. -0.03 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

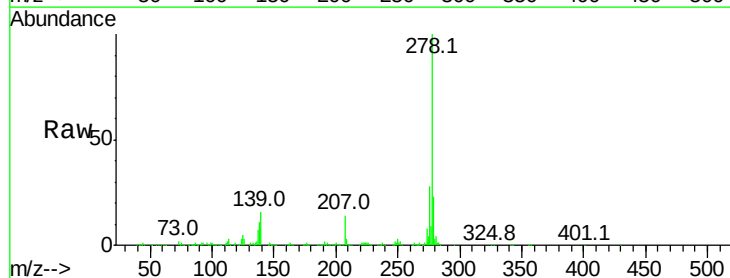
Tgt Ion:278 Resp: 910096

Ion Ratio Lower Upper

278 100

139 15.8 7.7 11.5#

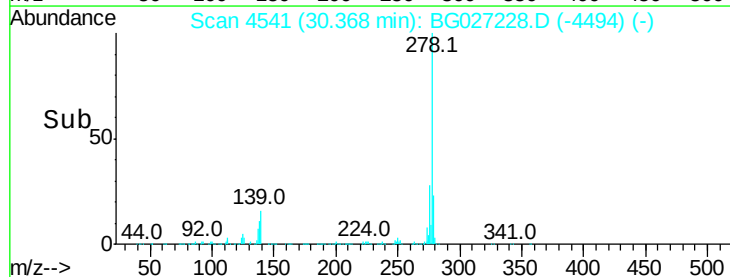
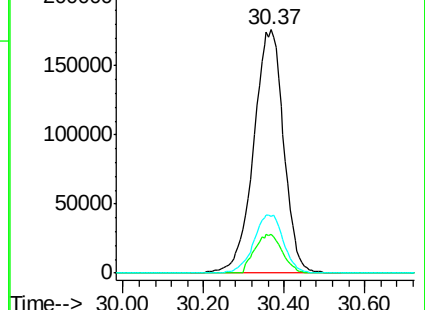
279 23.1 19.1 28.7

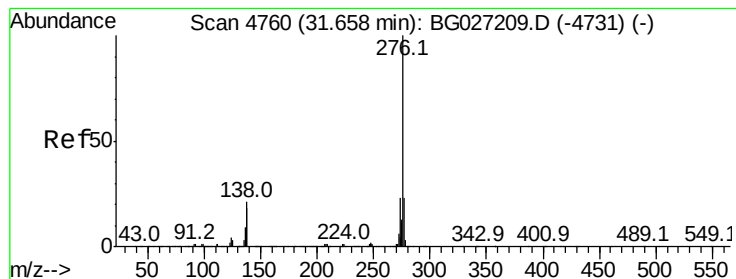


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 34.94 ng

RT: 31.62 min Scan# 4754

Delta R.T. -0.04 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 871021

Ion Ratio Lower Upper

276 100

277 24.6 18.6 27.8

138 20.6 8.1 12.1#

