

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060617\
 Data File : BG027248.D
 Acq On : 6 Jun 2017 14:16
 Operator : SJ/MA
 Sample : I3438-05MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 06 18:07:51 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	44793	20.00	ng	-0.01
21) Naphthalene-d8	11.39	136	222405	20.00	ng	0.00
38) Acenaphthene-d10	15.15	164	152404	20.00	ng	0.00
63) Phenanthrene-d10	17.90	188	357642	20.00	ng	-0.01
75) Chrysene-d12	22.29	240	408691	20.00	ng	-0.02
86) Perylene-d12	25.99	264	370408	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	460481	156.87	ng	0.00
7) Phenol-d6	7.70	99	635087	147.39	ng	0.00
23) Nitrobenzene-d5	9.73	82	390308	110.37	ng	-0.01
41) 2,4,6-Tribromophenol	16.63	330	336571	167.71	ng	-0.01
44) 2-Fluorobiphenyl	13.78	172	1004762	92.23	ng	-0.01
78) Terphenyl-d14	20.47	244	1558361	97.27	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	4.17	88	44808	36.81	ng	# 77
3) Pyridine	4.55	79	122987	32.78	ng	# 72
4) n-Nitrosodimethylamine	4.45	42	61520	44.28	ng	# 51
6) Aniline	7.90	93	117853	21.72	ng	94
8) 2-Chlorophenol	8.14	128	164952	53.22	ng	88
9) Benzaldehyde	7.71	77	27347	9.18	ng	93
10) Phenol	7.73	94	218392	49.56	ng	77
11) bis(2-Chloroethyl)ether	7.97	93	161074	44.56	ng	86
12) 1,3-Dichlorobenzene	8.46	146	148250	42.41	ng	# 92
13) 1,4-Dichlorobenzene	8.60	146	149843	41.76	ng	98
14) 1,2-Dichlorobenzene	8.92	146	148507	42.44	ng	93
15) Benzyl Alcohol	8.79	79	169542	55.84	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	9.08	45	233473	45.14	ng	92
17) 2-Methylphenol	8.98	107	160744	51.61	ng	# 87
18) Hexachloroethane	9.66	117	52828	43.71	ng	85
19) n-Nitroso-di-n-propylamine	9.36	70	144576	47.96	ng	# 84
20) 3+4-Methylphenols	9.31	107	224488	52.03	ng	88
22) Acetophenone	9.39	105	263112	46.26	ng	# 81
24) Nitrobenzene	9.78	77	199696	49.57	ng	# 83
25) Isophorone	10.30	82	409396	49.23	ng	# 95
26) 2-Nitrophenol	10.49	139	87844	52.15	ng	# 75
27) 2,4-Dimethylphenol	10.52	122	196689	55.01	ng	92
28) bis(2-Chloroethoxy)methane	10.76	93	252542	46.90	ng	98
29) 2,4-Dichlorophenol	11.02	162	182704	55.98	ng	95
30) 1,2,4-Trichlorobenzene	11.24	180	158921	43.97	ng	98
31) Naphthalene	11.44	128	548725	45.14	ng	99
32) Benzoic acid	10.64	122	122477	49.27	ng	# 84
33) 4-Chloroaniline	11.54	127	17387	3.43	ng	# 88
34) Hexachlorobutadiene	11.71	225	93336	42.02	ng	98
35) Caprolactam	12.31	113	36770	32.85	ng	# 71
36) 4-Chloro-3-methylphenol	12.61	107	226799	55.44	ng	92
37) 2-Methylnaphthalene	13.22	142	397532	44.84	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.36	216	201495	42.44	ng	98
40) Hexachlorocyclopentadiene	13.34	237	243493	96.36	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

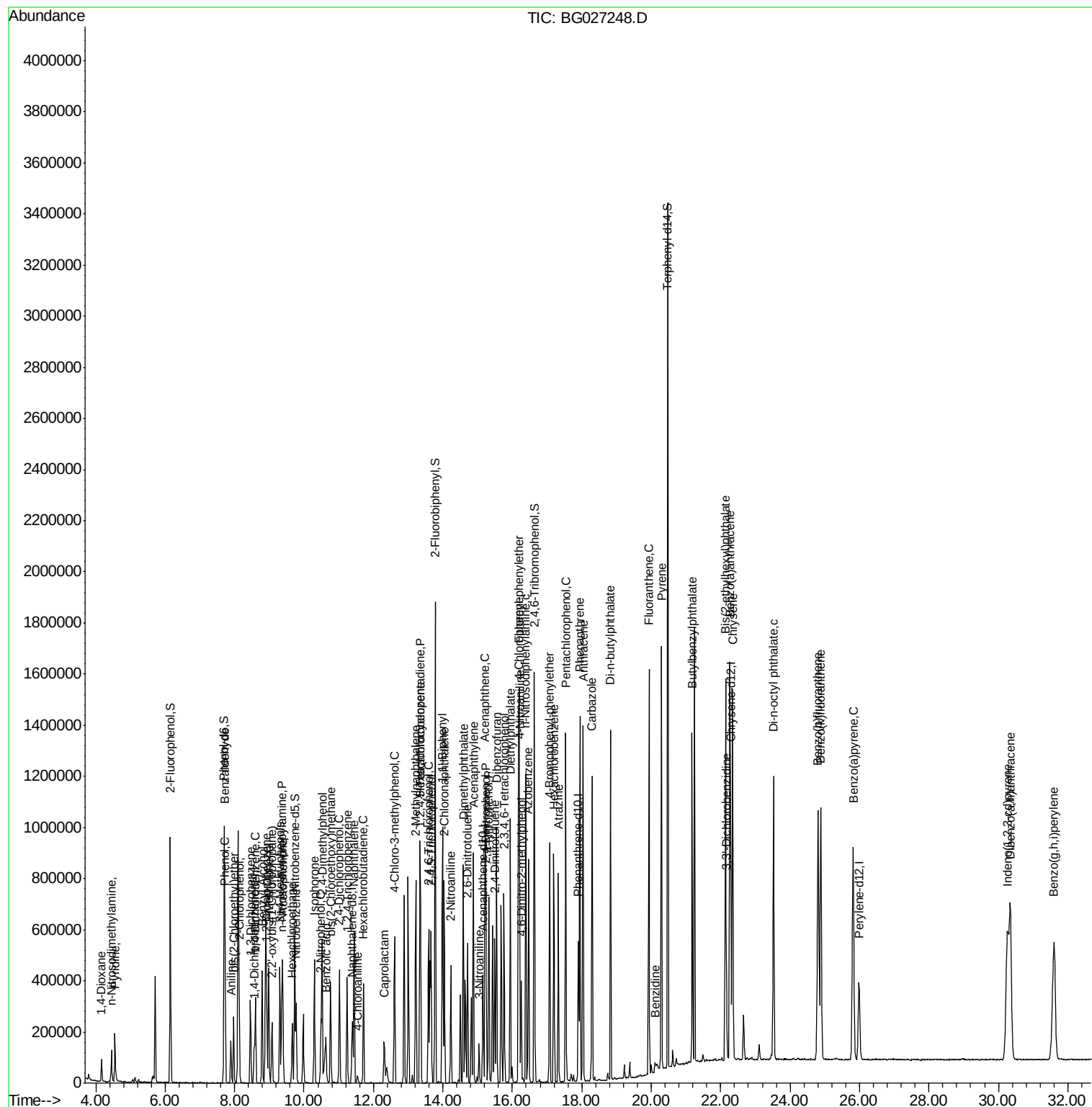
42) 2,4,6-Trichlorophenol	13.59	196	154723	53.73	nq	95
43) 2,4,5-Trichlorophenol	13.66	196	170965	53.05	nq	96
45) 1,1'-Biphenyl	13.99	154	565958	45.50	nq	97
46) 2-Chloronaphthalene	14.04	162	425307	45.60	nq	100
47) 2-Nitroaniline	14.23	65	145893	54.01	nq	# 79
48) Acenaphthylene	14.88	152	703327	44.56	nq	99
49) Dimethylphthalate	14.59	163	598820	49.53	nq	97
50) 2,6-Dinitrotoluene	14.71	165	128868	51.95	nq	# 75
51) Acenaphthene	15.22	154	521676	50.81	nq	98
52) 3-Nitroaniline	15.04	138	40202	19.46	nq	88
53) 2,4-Dinitrophenol	15.24	184	146899	107.52	nq	95
54) Dibenzofuran	15.55	168	709459	49.45	nq	92
55) 4-Nitrophenol	15.32	139	216324	93.60	nq	# 54
56) 2,4-Dinitrotoluene	15.49	165	179201	55.72	nq	# 86
57) Fluorene	16.19	166	578960	45.43	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.76	232	165009	57.36	nq	# 100
59) Diethylphthalate	15.94	149	611374	50.70	nq	98
60) 4-Chlorophenyl-phenylether	16.17	204	301638	46.99	nq	92
61) 4-Nitroaniline	16.21	138	125397	48.09	nq	# 65
62) Azobenzene	16.47	77	595533	53.28	nq	90
64) 4,6-Dinitro-2-methylphenol	16.26	198	101027	58.83	nq	93
65) n-Nitrosodiphenylamine	16.39	169	524173	46.75	nq	99
66) 4-Bromophenyl-phenylether	17.07	248	200439	47.35	nq	98
67) Hexachlorobenzene	17.20	284	212498	46.67	nq	92
68) Atrazine	17.33	200	160943	42.92	nq	96
69) Pentachlorophenol	17.54	266	271227	101.63	nq	95
70) Phenanthrene	17.94	178	953400	47.38	nq	95
71) Anthracene	18.04	178	951367	47.19	nq	99
72) Carbazole	18.30	167	838209	44.09	nq	97
73) Di-n-butylphthalate	18.83	149	998758	54.17	nq	# 94
74) Fluoranthene	19.93	202	1059697	49.30	nq	95
76) Benzidine	20.10	184	80425	6.53	nq	# 92
77) Pyrene	20.29	202	1094349	44.32	nq	97
79) Butylbenzylphthalate	21.19	149	450759	51.66	nq	90
80) Benzo(a)anthracene	22.27	228	1095695	47.01	nq	96
81) 3,3'-Dichlorobenzidine	22.16	252	190863	21.05	nq	# 97
82) Chrysene	22.34	228	1021110	45.63	nq	97
83) Bis(2-ethylhexyl)phthalate	22.14	149	642256	48.71	nq	100
84) Di-n-octyl phthalate	23.52	149	1093342	50.06	nq	# 88
85) Indeno(1,2,3-cd)pyrene	30.26	276	1285315	47.43	nq	# 94
87) Benzo(b)fluoranthene	24.81	252	1118453	48.69	nq	# 96
88) Benzo(k)fluoranthene	24.88	252	1074890	47.69	nq	# 94
89) Benzo(a)pyrene	25.82	252	1056382	48.85	nq	# 94
90) Dibenzo(a,h)anthracene	30.35	278	1109428	49.01	nq	# 95
91) Benzo(g,h,i)perylene	31.60	276	1046729	47.74	nq	# 91

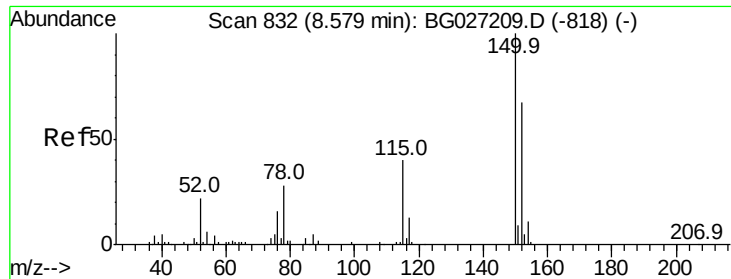
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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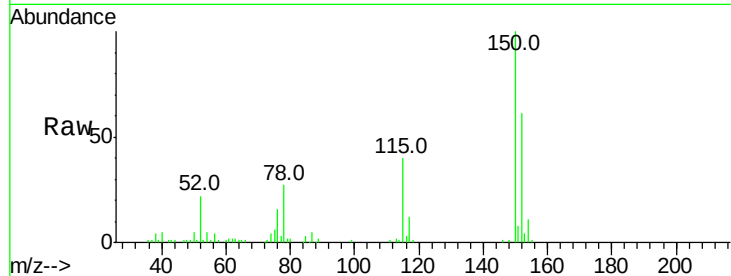


#1

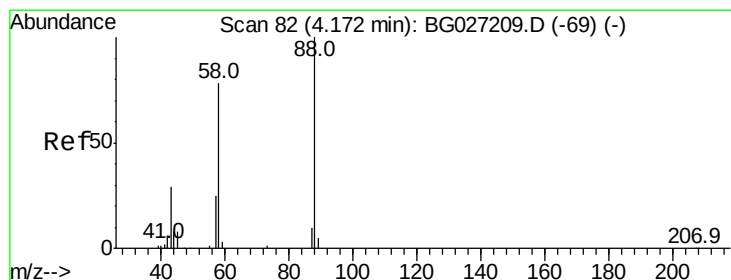
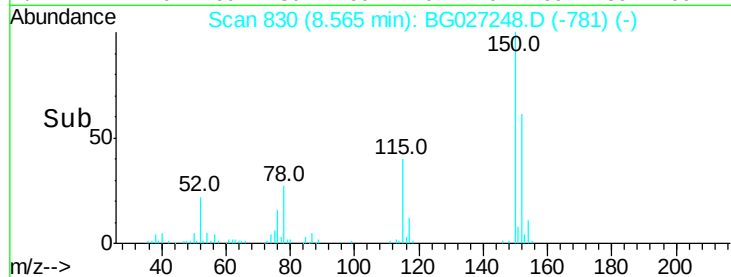
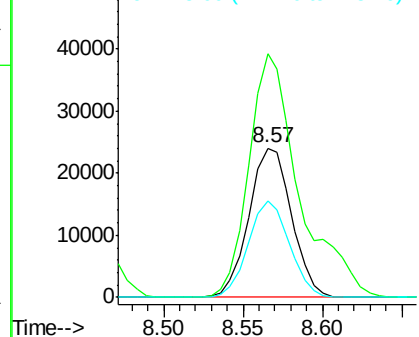
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.57 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG027248.D
Acq: 6 Jun 2017 14:16

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 44793
Ion Ratio Lower Upper
152 100
150 163.1 114.0 171.0
115 64.5 48.1 72.1



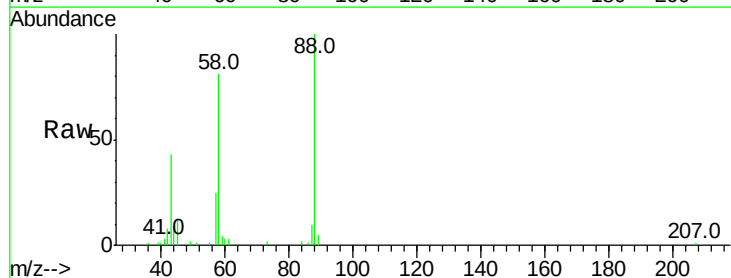
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



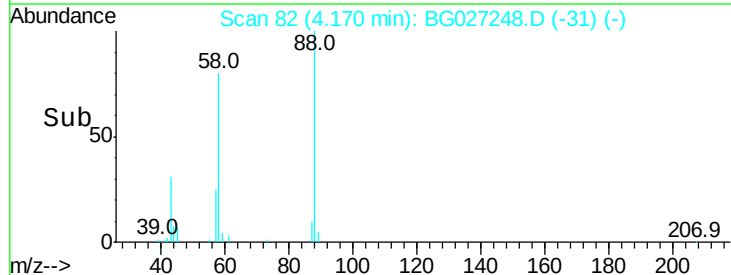
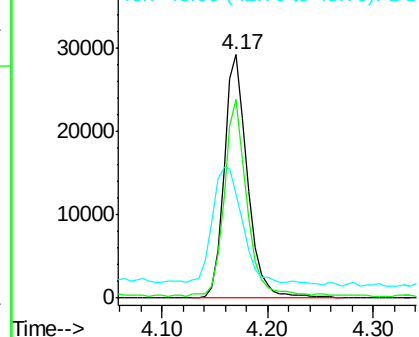
#2

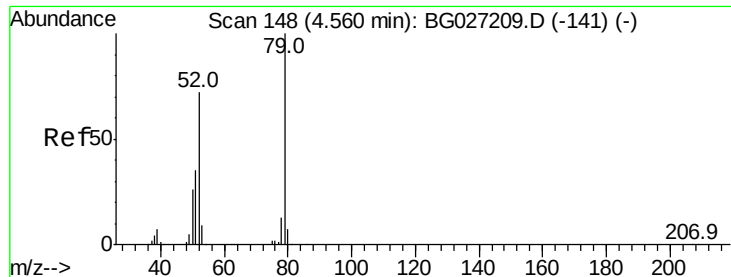
1,4-Dioxane
Concen: 36.81 ng
RT: 4.17 min Scan# 82
Delta R.T. -0.00 min
Lab File: BG027248.D
Acq: 6 Jun 2017 14:16

Tgt Ion: 88 Resp: 44808
Ion Ratio Lower Upper
88 100
58 78.8 79.4 119.2#
43 60.1 33.8 50.6#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 32.78 ng

RT: 4.55 min Scan# 147

Delta R.T. -0.01 min

Lab File: BG027248.D

Acq: 6 Jun 2017 14:16

Instrument :

BNA_G

ClientSampled :

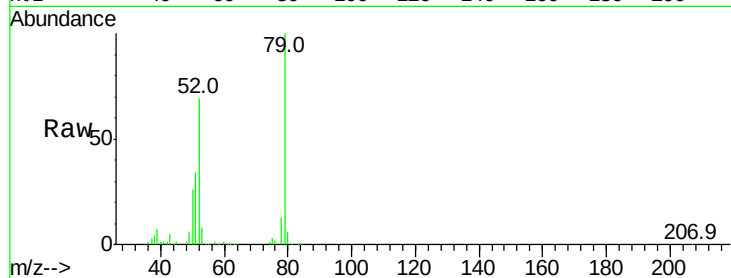
Tot Ion: 79 Resp: 122987

Ion Ratio Lower Upper

79 100

52 68.8 77.8 116.6#

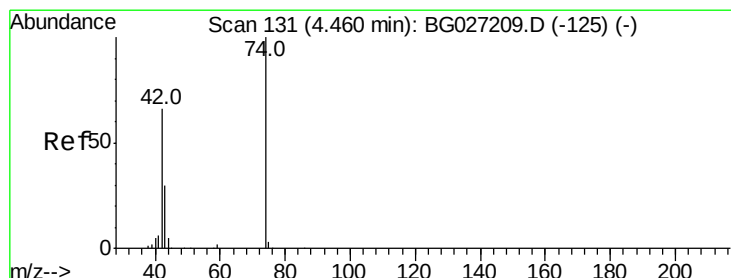
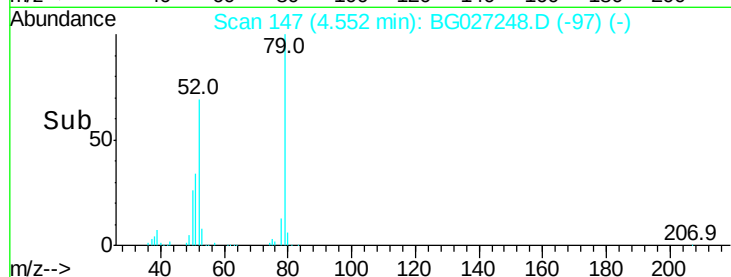
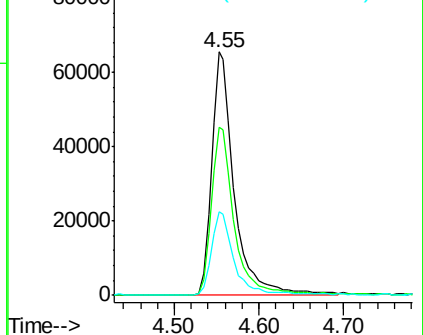
51 34.1 43.2 64.8#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 44.28 ng

RT: 4.45 min Scan# 130

Delta R.T. -0.01 min

Lab File: BG027248.D

Acq: 6 Jun 2017 14:16

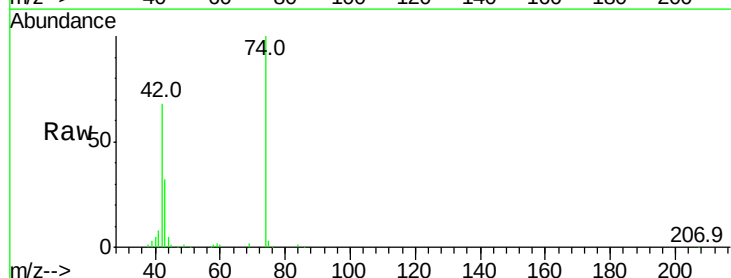
Tgt Ion: 42 Resp: 61520

Ion Ratio Lower Upper

42 100

74 147.3 76.7 115.1#

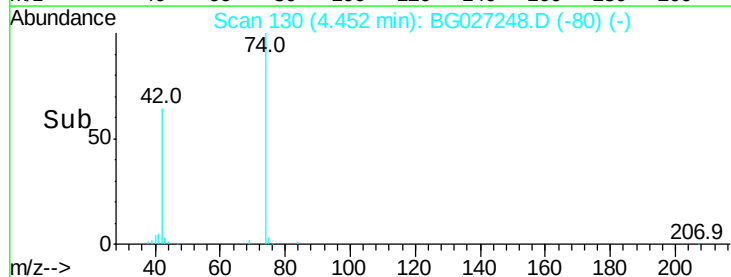
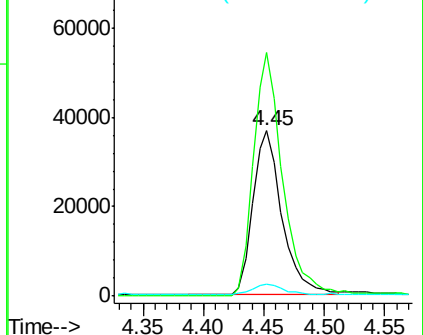
44 7.3 6.1 9.1

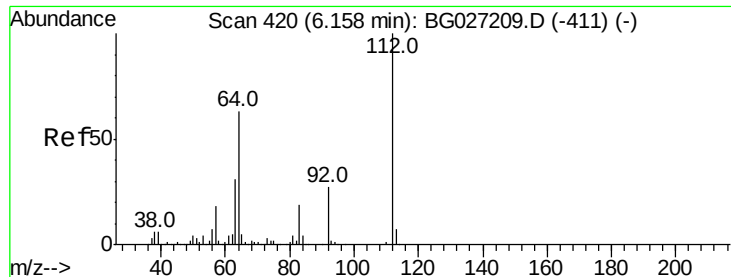


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 156.87 ng

RT: 6.15 min Scan# 419

Delta R.T. -0.01 min

Lab File: BG027248.D

Acq: 6 Jun 2017 14:16

Instrument :

BNA_G

ClientSampleId :

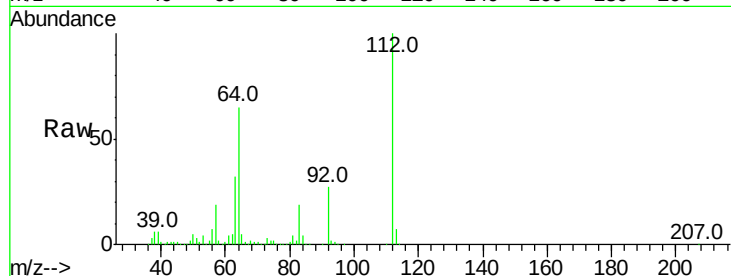
Tot Ion:112 Resp: 460481

Ion Ratio Lower Upper

112 100

64 65.0 61.8 92.6

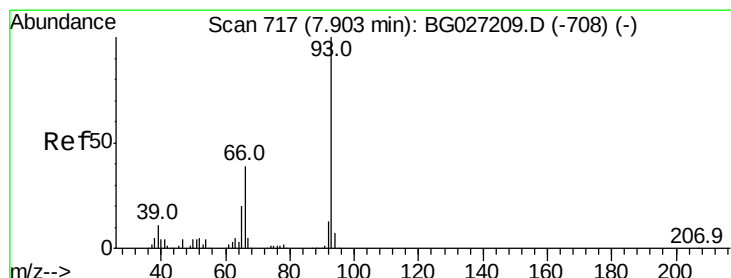
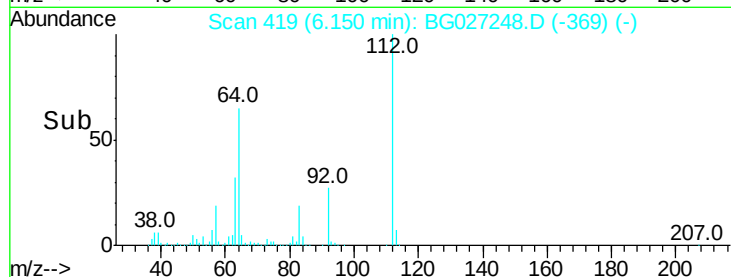
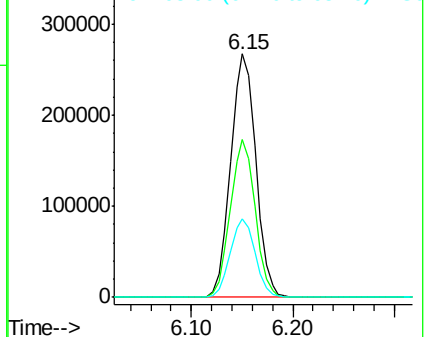
63 32.3 37.2 55.8#



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: 21.72 ng

RT: 7.90 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG027248.D

Acq: 6 Jun 2017 14:16

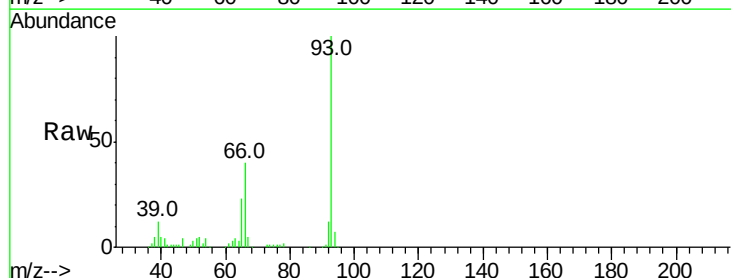
Tgt Ion: 93 Resp: 117853

Ion Ratio Lower Upper

93 100

66 40.5 35.4 53.2

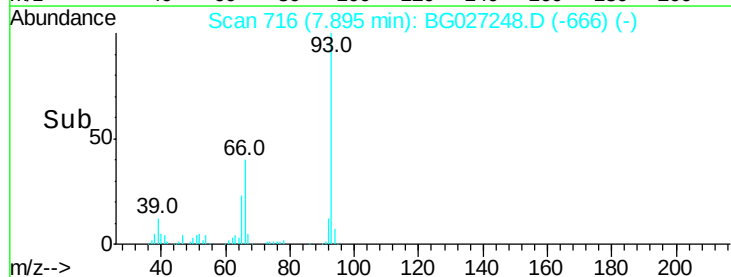
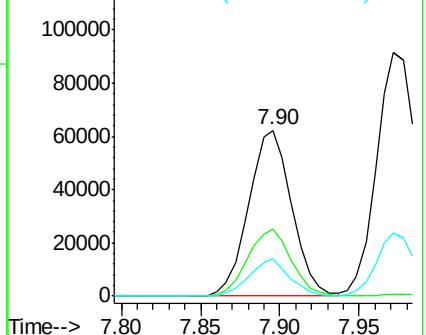
65 22.8 21.2 31.8

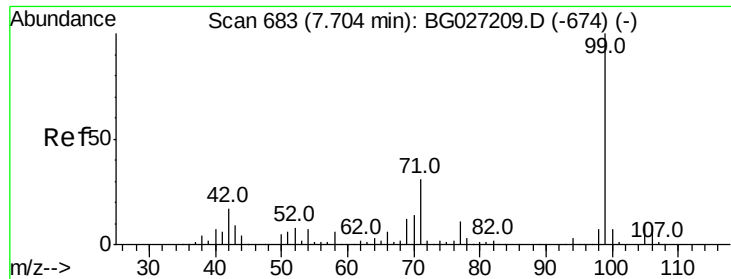


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 147.39 ng

RT: 7.70 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG027248.D

Acq: 6 Jun 2017 14:16

Instrument :

BNA_G

ClientSampled :

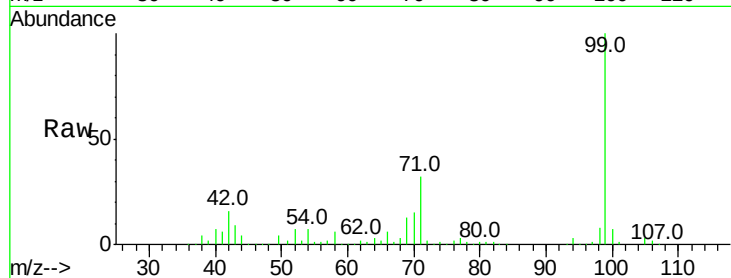
Tot Ion: 99 Resp: 635087

Ion Ratio Lower Upper

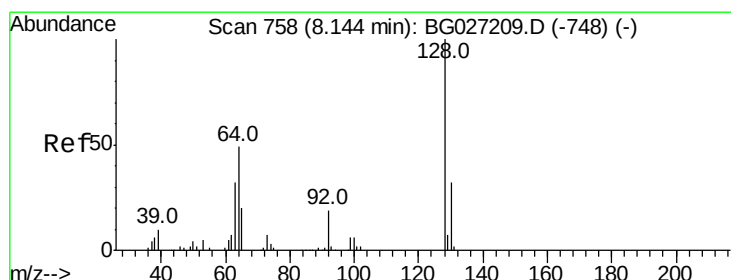
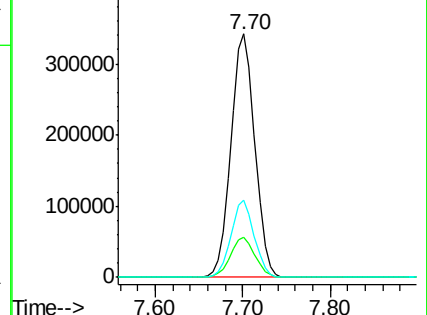
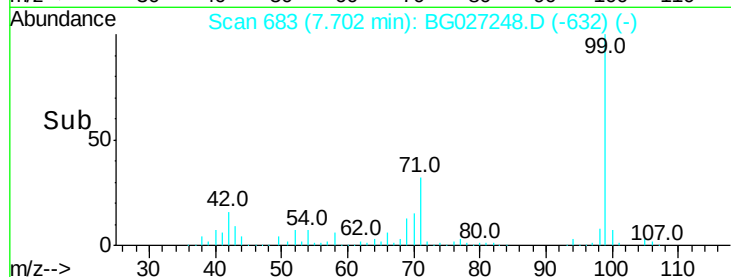
99 100

42 16.3 20.5 30.7#

71 31.6 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: 53.22 ng

RT: 8.14 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG027248.D

Acq: 6 Jun 2017 14:16

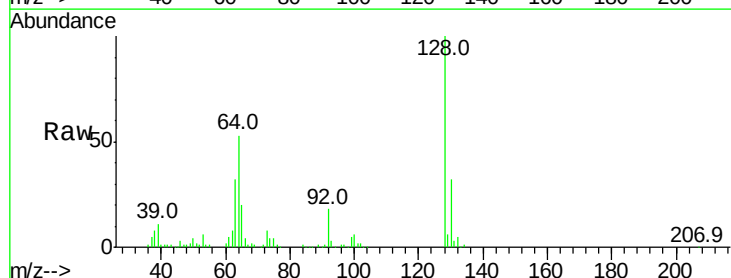
Tgt Ion:128 Resp: 164952

Ion Ratio Lower Upper

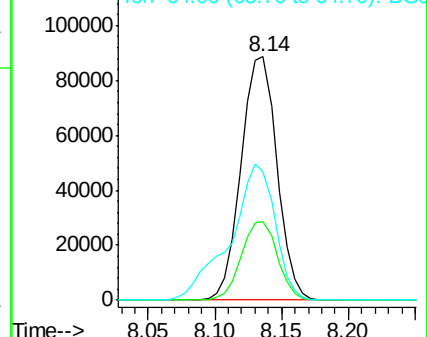
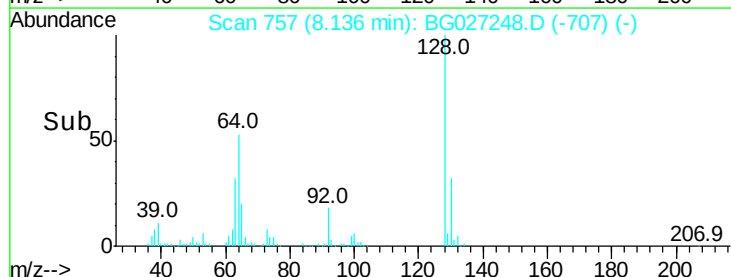
128 100

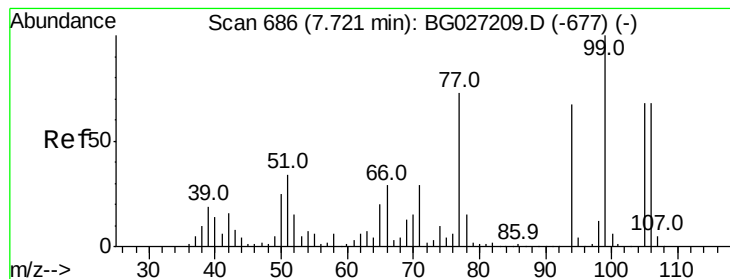
130 32.2 11.4 51.4

64 52.8 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: 9.18 ng

RT: 7.71 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG027248.D

Acq: 6 Jun 2017 14:16

Instrument :

BNA_G

ClientSampled :

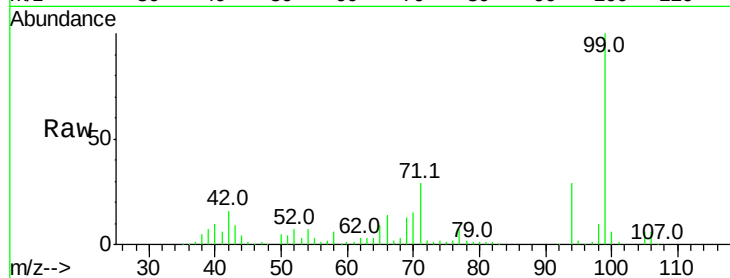
Tot Ion: 77 Resp: 27347

Ion Ratio Lower Upper

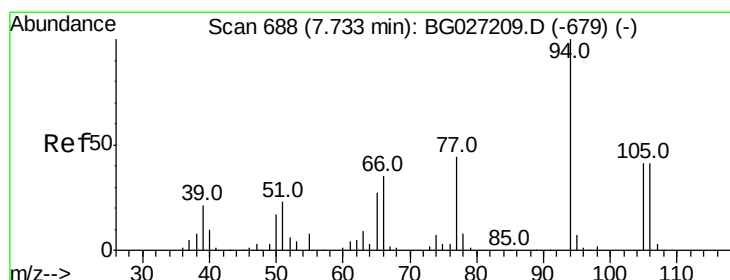
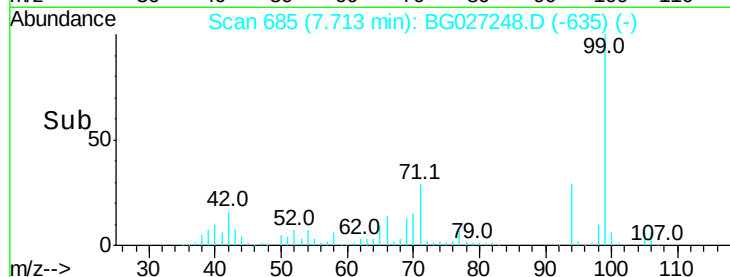
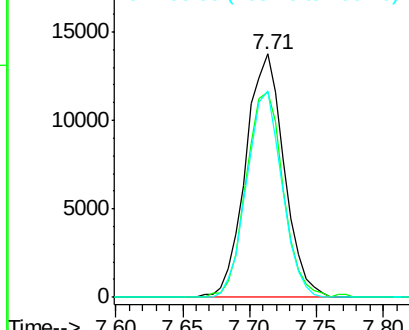
77 100

105 84.4 60.9 100.9

106 84.7 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: 49.56 ng

RT: 7.73 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG027248.D

Acq: 6 Jun 2017 14:16

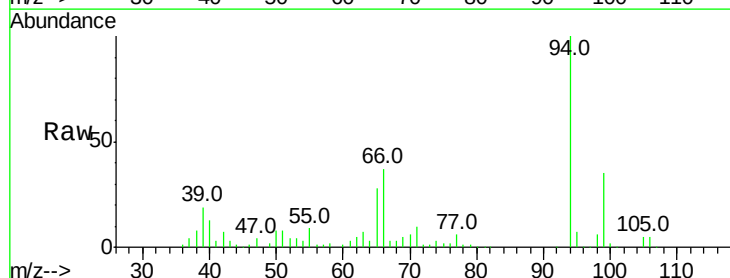
Tgt Ion: 94 Resp: 218392

Ion Ratio Lower Upper

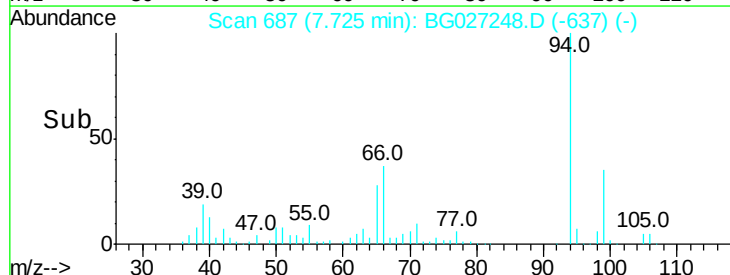
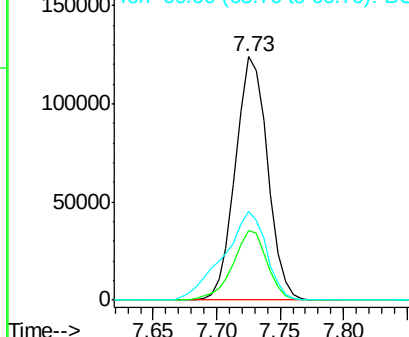
94 100

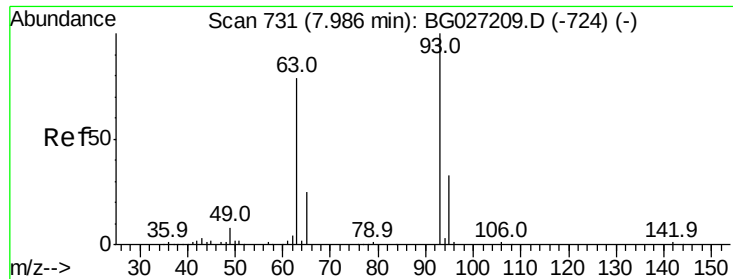
65 28.3 20.6 60.6

66 36.7 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

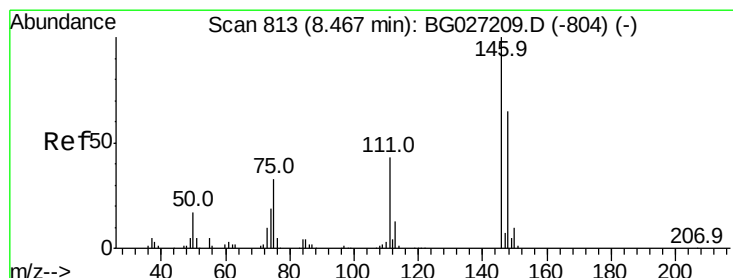
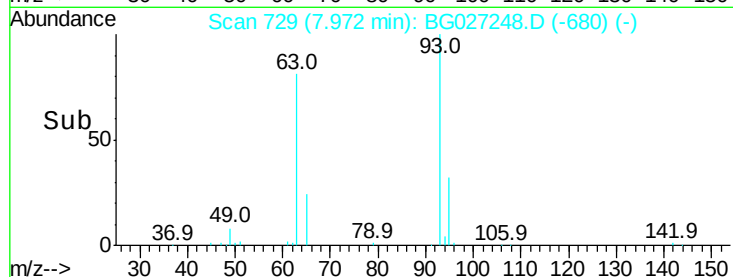
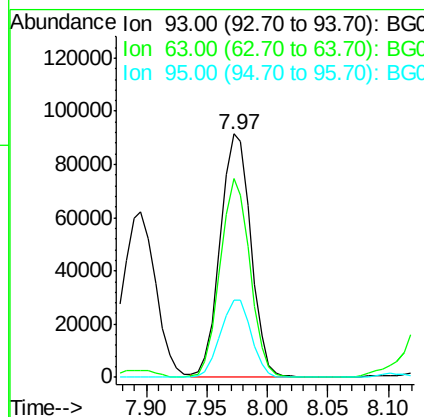
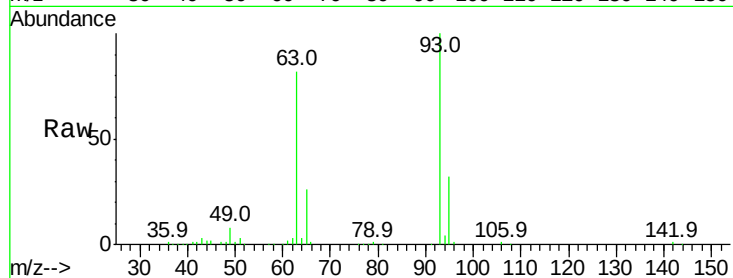




#11
bis(2-Chloroethyl)ether
Concen: 44.56 ng
RT: 7.97 min Scan# 729
Delta R.T. -0.01 min
Lab File: BG027248.D
Acq: 6 Jun 2017 14:16

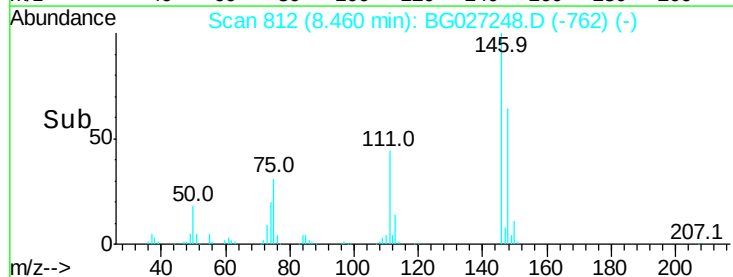
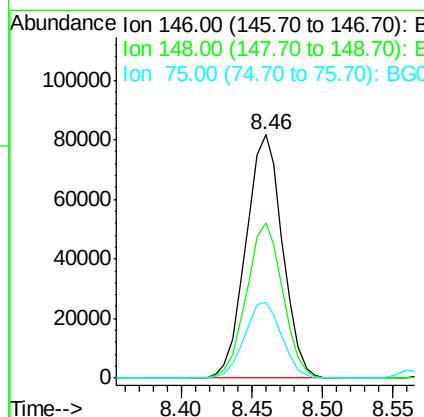
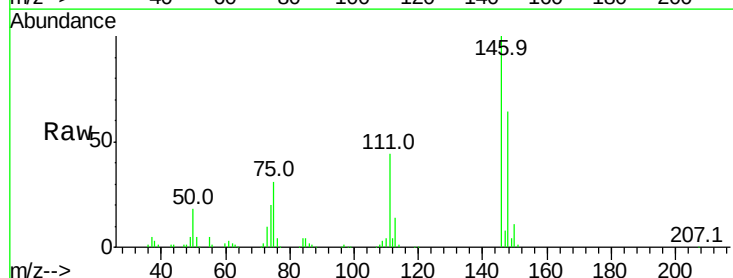
Instrument :
BNA_G
ClientSampleId :

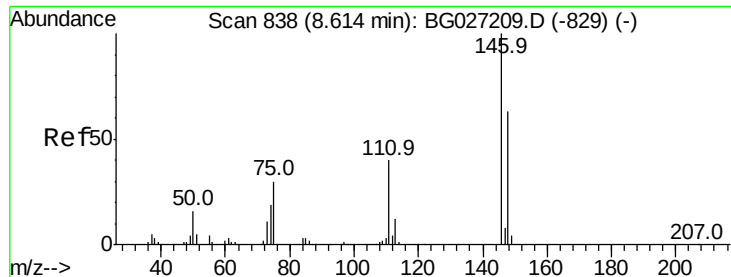
Tot Ion: 93 Resp: 161074
Ion Ratio Lower Upper
93 100
63 81.6 78.5 118.5
95 32.0 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 42.41 ng
RT: 8.46 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG027248.D
Acq: 6 Jun 2017 14:16

Tgt Ion: 146 Resp: 148250
Ion Ratio Lower Upper
146 100
148 63.7 49.2 73.8
75 31.3 33.4 50.2#

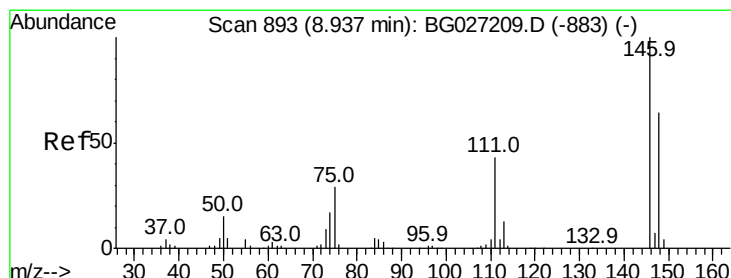
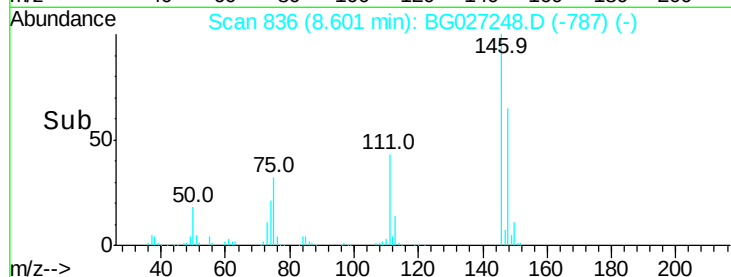
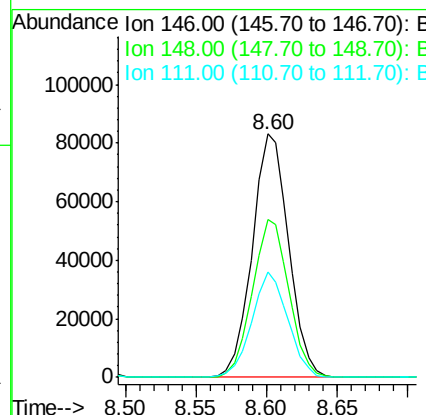
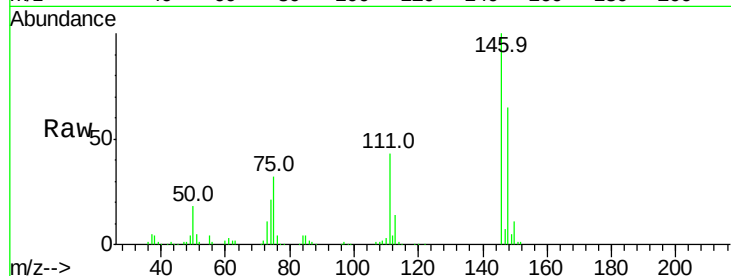




#13
 1,4-Dichlorobenzene
 Concen: 41.76 ng
 RT: 8.60 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BG027248.D
 Acq: 6 Jun 2017 14:16

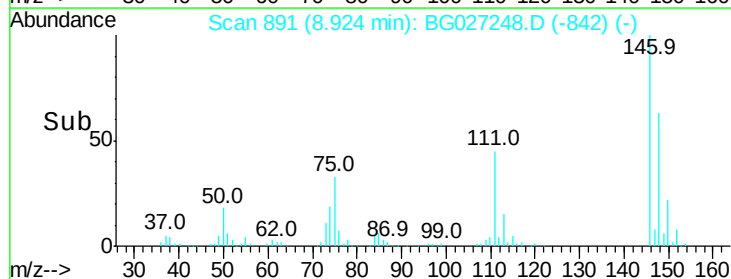
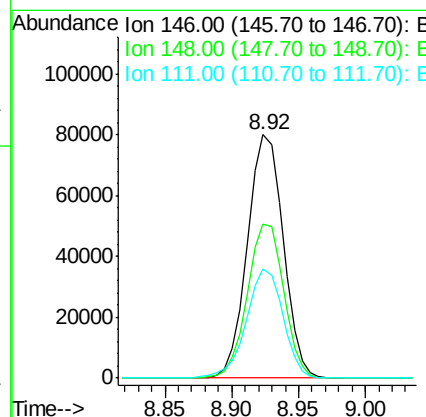
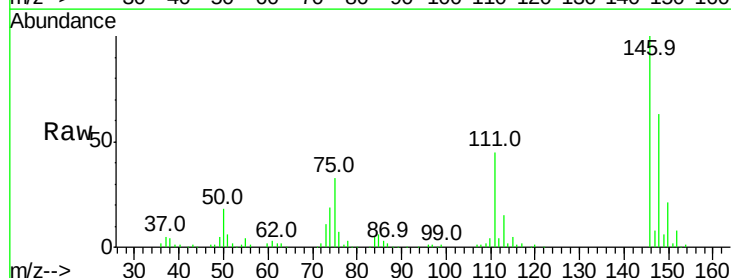
Instrument :
 BNA_G
 ClientSampleId :

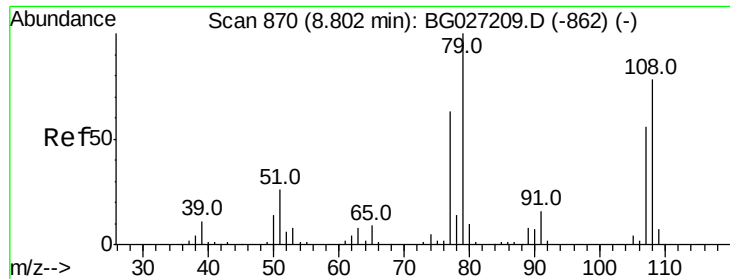
Tot Ion:146 Resp: 149843
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.2 78.2
 111 43.4 37.0 55.6



#14
 1,2-Dichlorobenzene
 Concen: 42.44 ng
 RT: 8.92 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BG027248.D
 Acq: 6 Jun 2017 14:16

Tgt Ion:146 Resp: 148507
 Ion Ratio Lower Upper
 146 100
 148 63.2 54.6 81.8
 111 44.8 39.7 59.5

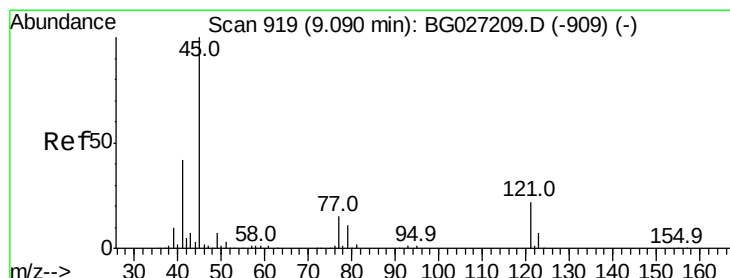
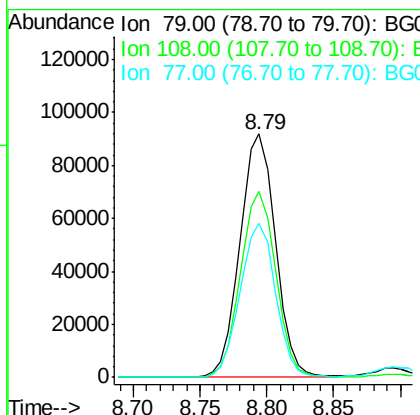
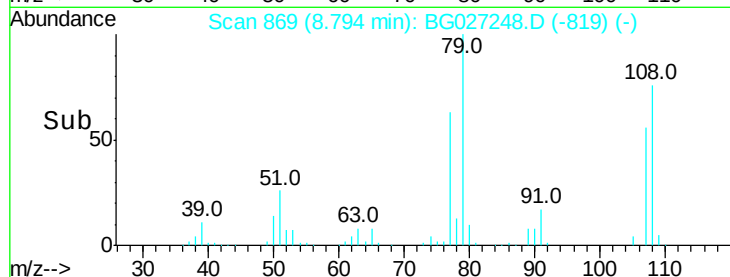
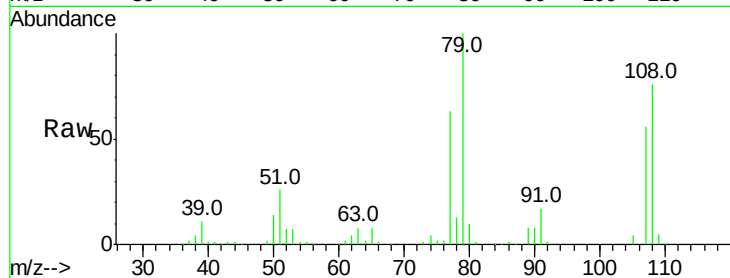




#15
Benzyl Alcohol
Concen: 55.84 ng
RT: 8.79 min Scan# 869
Delta R.T. -0.01 min
Lab File: BG027248.D
Acq: 6 Jun 2017 14:16

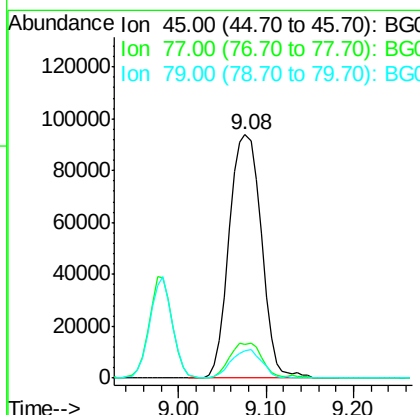
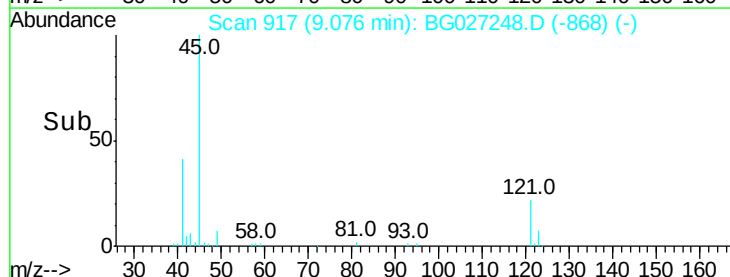
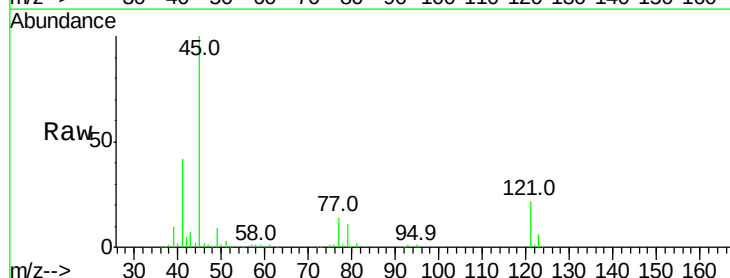
Instrument :
BNA_G
ClientSampleId :

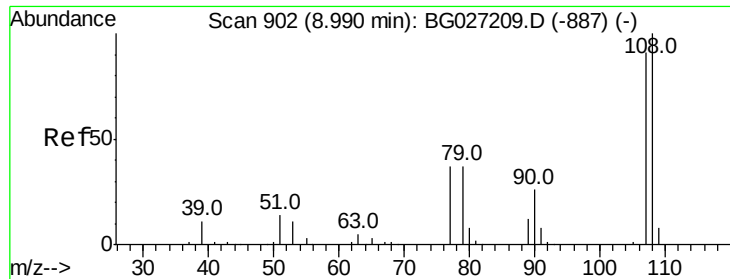
Tot Ion: 79 Resp: 169542
Ion Ratio Lower Upper
79 100
108 76.2 45.5 68.3#
77 63.2 54.3 81.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.14 ng
RT: 9.08 min Scan# 917
Delta R.T. -0.01 min
Lab File: BG027248.D
Acq: 6 Jun 2017 14:16

Tgt Ion: 45 Resp: 233473
Ion Ratio Lower Upper
45 100
77 14.1 0.0 30.6
79 11.1 0.0 28.5





#17

2-Methylphenol

Concen: 51.61 ng

RT: 8.98 min Scan# 901

Delta R.T. -0.01 min

Lab File: BG027248.D

Acq: 6 Jun 2017 14:16

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 160744

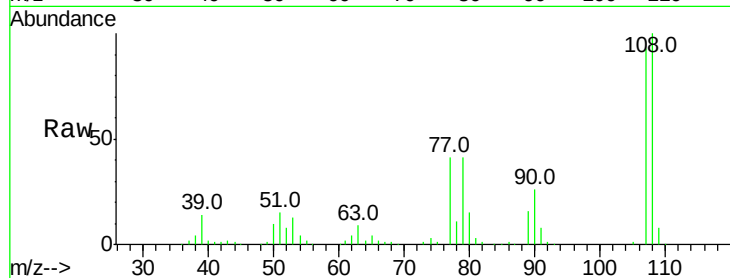
Ion Ratio Lower Upper

107 100

108 107.5 85.6 128.4

77 44.1 51.4 77.2#

79 44.2 49.2 73.8#

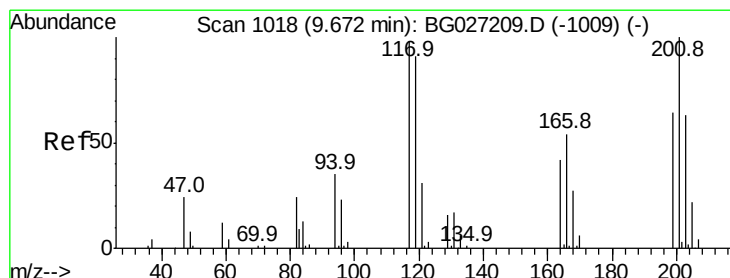
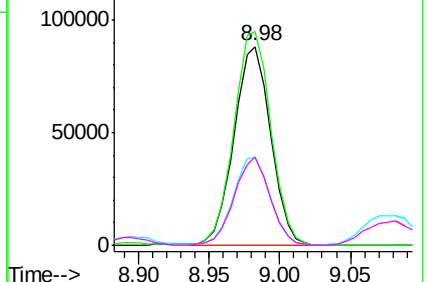
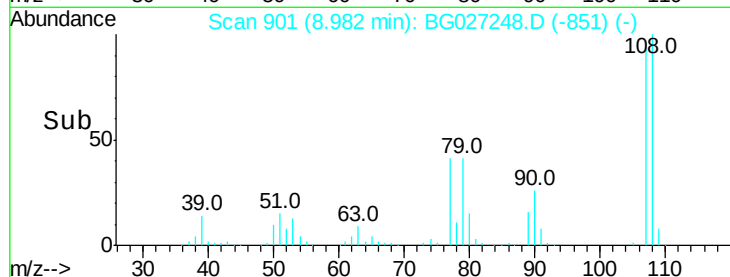


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 43.71 ng

RT: 9.66 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BG027248.D

Acq: 6 Jun 2017 14:16

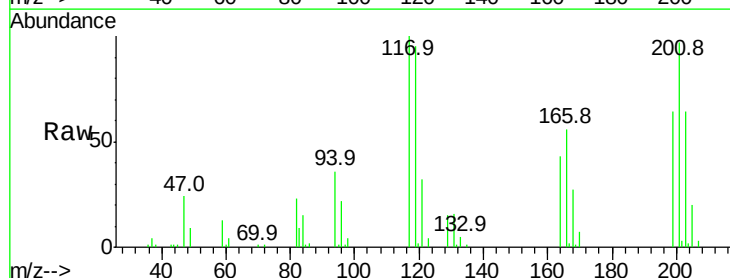
Tgt Ion:117 Resp: 52828

Ion Ratio Lower Upper

117 100

119 95.3 69.8 104.6

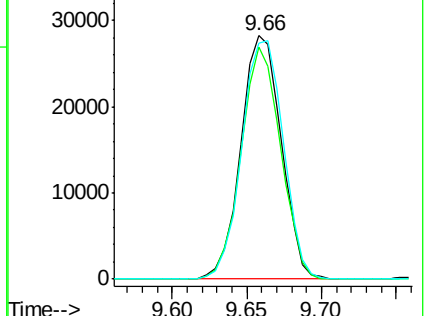
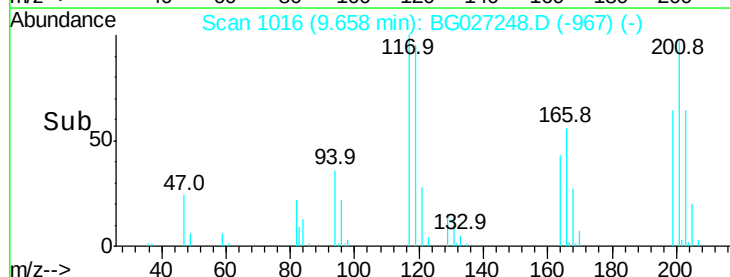
201 96.9 95.4 143.0

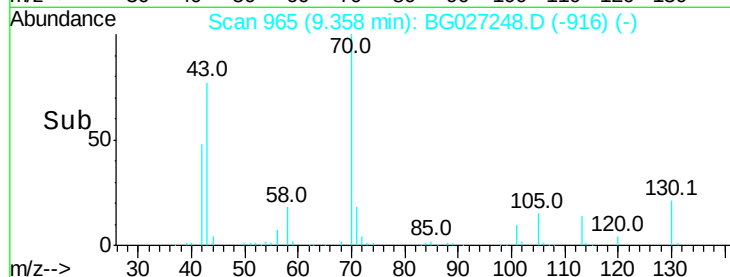
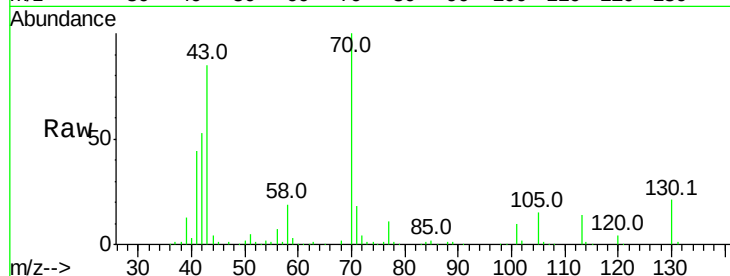
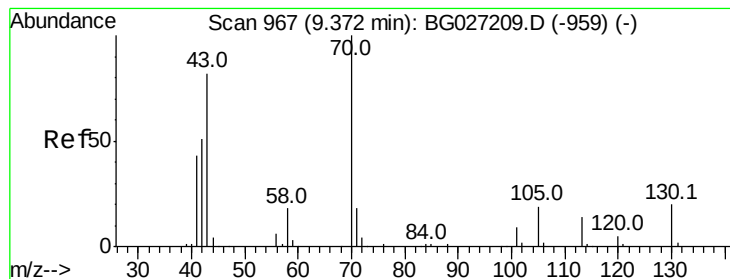


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 47.96 ng

RT: 9.36 min Scan# 965

Delta R.T. -0.01 min

Lab File: BG027248.D

Acq: 6 Jun 2017 14:16

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 144576

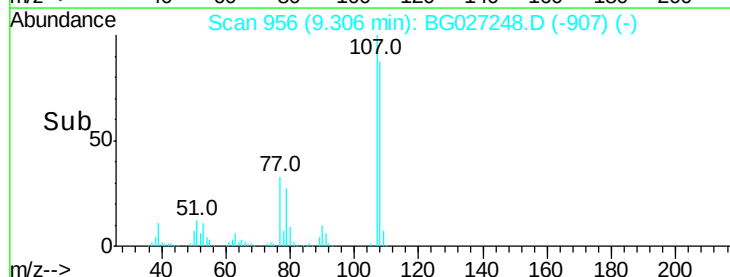
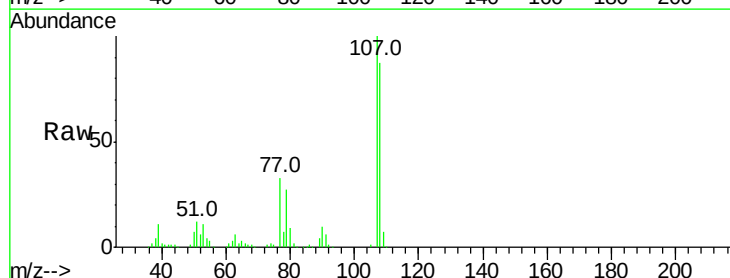
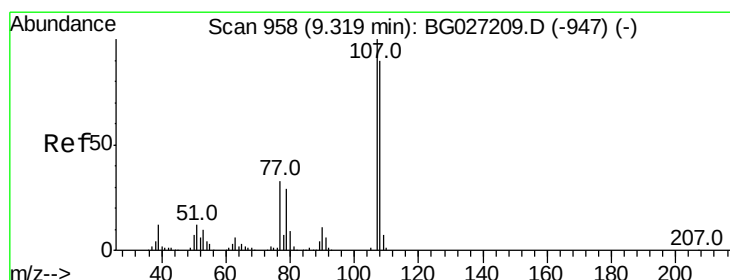
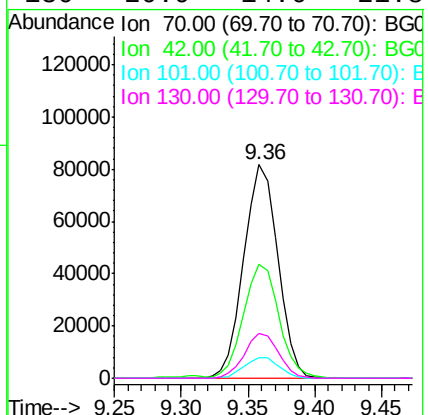
Ion Ratio Lower Upper

70 100

42 53.5 56.1 84.1#

101 9.9 7.5 11.3

130 20.9 14.6 21.8



#20

3+4-Methylphenols

Concen: 52.03 ng

RT: 9.31 min Scan# 956

Delta R.T. -0.01 min

Lab File: BG027248.D

Acq: 6 Jun 2017 14:16

Tgt Ion: 107 Resp: 224488

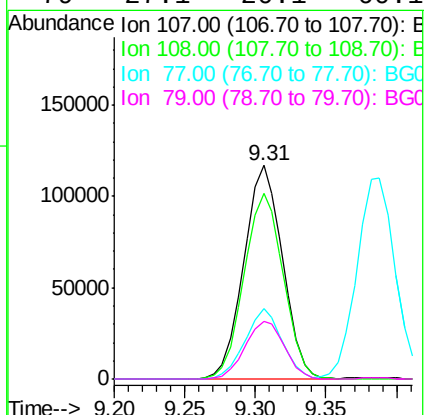
Ion Ratio Lower Upper

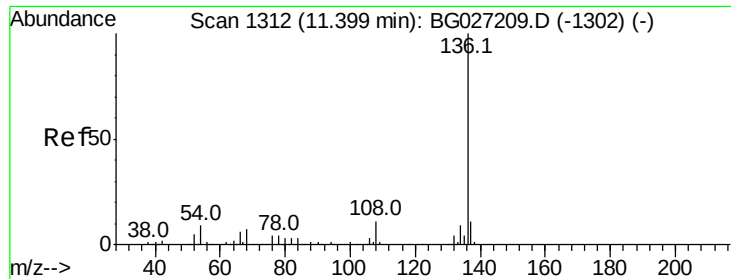
107 100

108 86.8 70.8 110.8

77 33.0 25.8 65.8

79 27.1 20.1 60.1

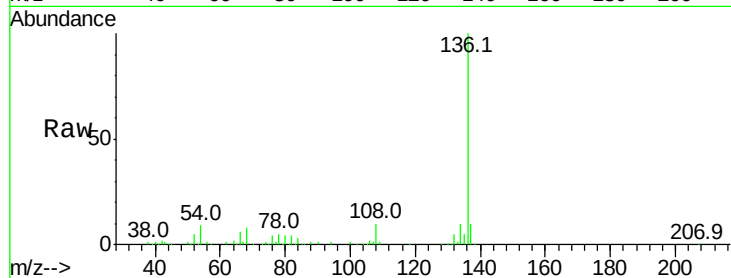




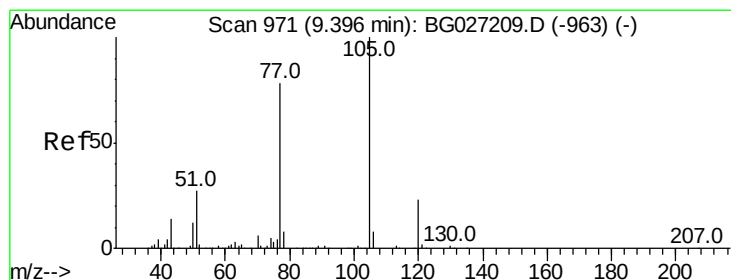
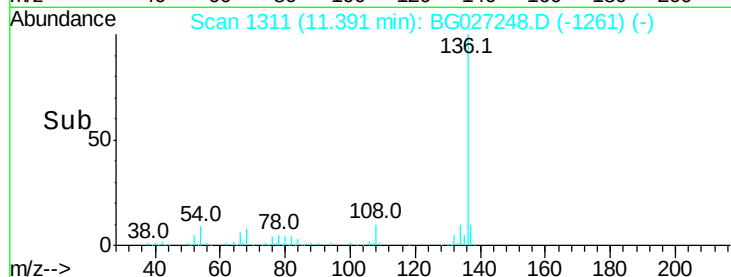
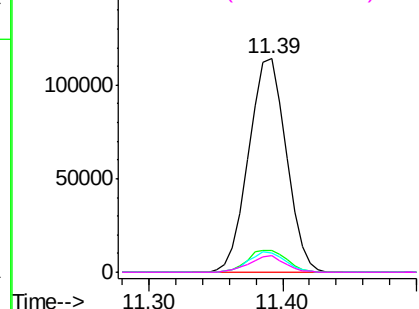
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.39 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BG027248.D
Acq: 6 Jun 2017 14:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	222405
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.9 13.3
54	9.0	9.3 13.9#
68	7.6	5.1 7.7

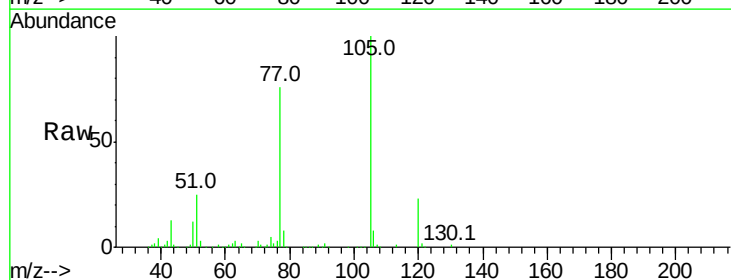


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

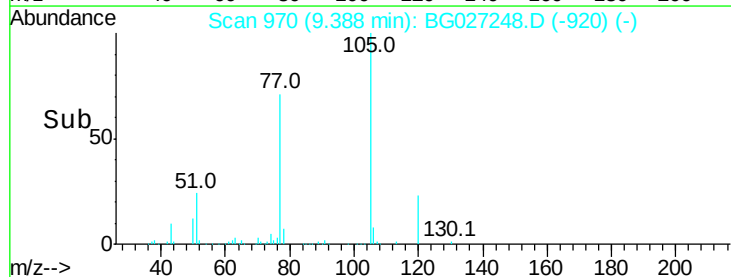
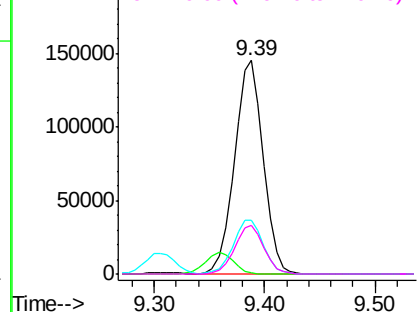


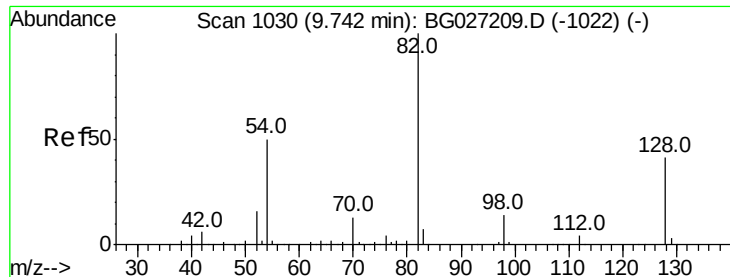
#22
Acetophenone
Concen: 46.26 ng
RT: 9.39 min Scan# 970
Delta R.T. -0.01 min
Lab File: BG027248.D
Acq: 6 Jun 2017 14:16

Tgt Ion:105	Resp:	263112
Ion Ratio	Lower	Upper
105	100	
71	0.6	0.9 1.3#
51	25.1	34.0 51.0#
120	22.6	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

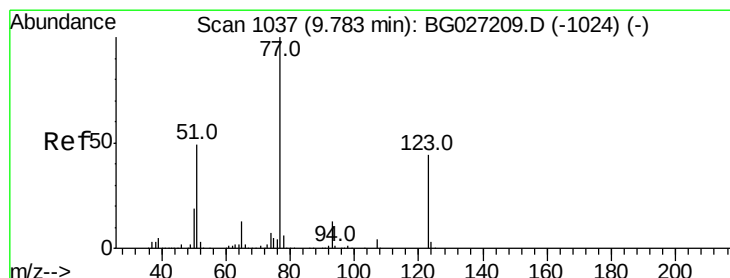
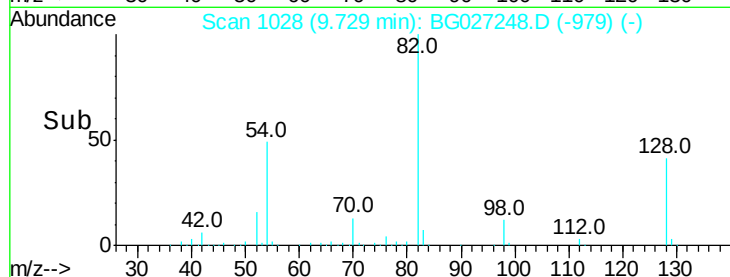
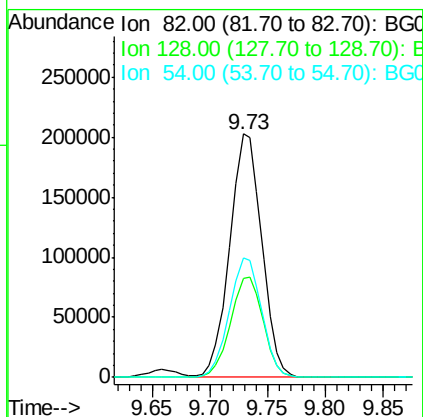
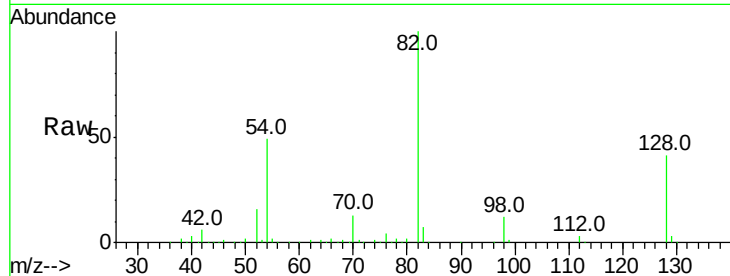




#23
 Nitrobenzene-d5
 Concen: 110.37 ng
 RT: 9.73 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG027248.D
 Acq: 6 Jun 2017 14:16

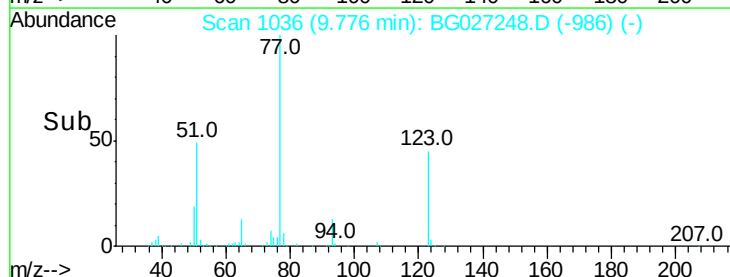
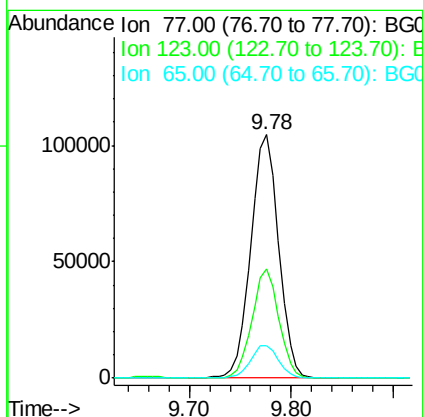
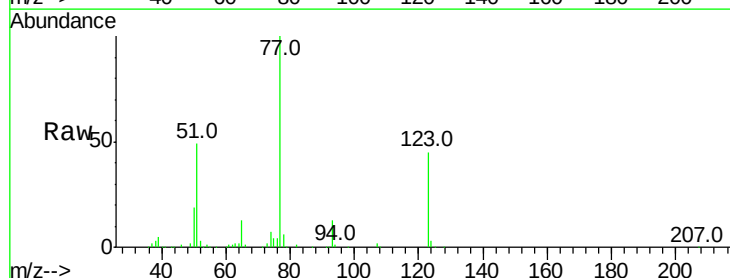
Instrument :
 BNA_G
 ClientSampled :

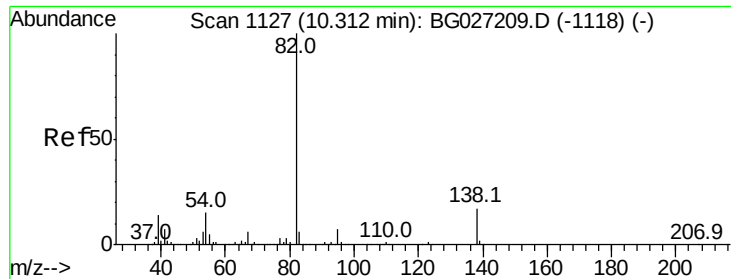
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.8	26.4	39.6#
54	49.1	49.4	74.2#



#24
 Nitrobenzene
 Concen: 49.57 ng
 RT: 9.78 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BG027248.D
 Acq: 6 Jun 2017 14:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.1	26.1	39.1#
65	13.4	12.4	18.6





#25

Isophorone

Concen: 49.23 ng

RT: 10.30 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BG027248.D

Acq: 6 Jun 2017 14:16

Instrument :

BNA_G

ClientSampleId :

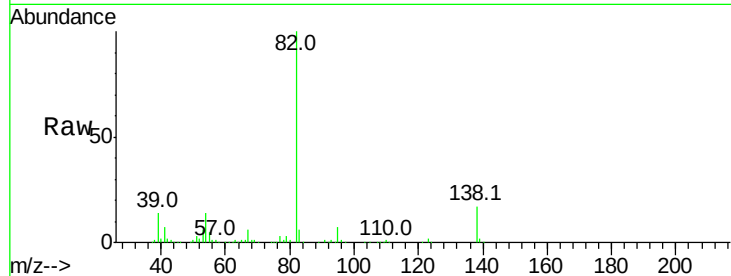
Tot Ion: 82 Resp: 409396

Ion Ratio Lower Upper

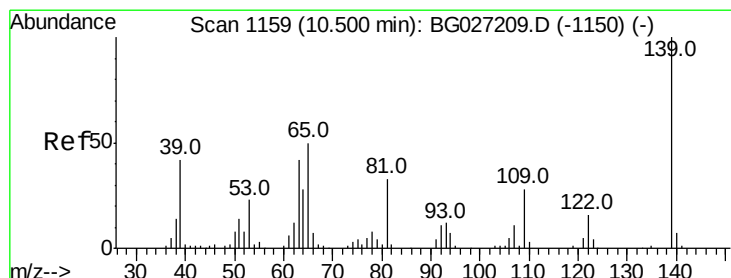
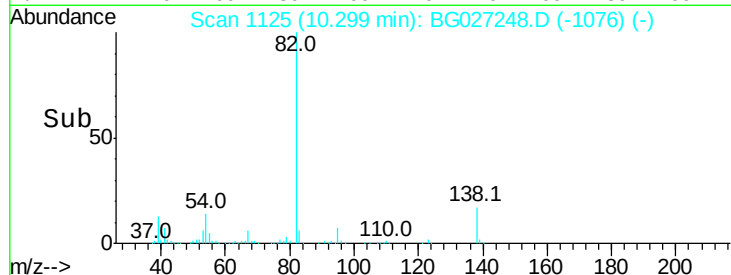
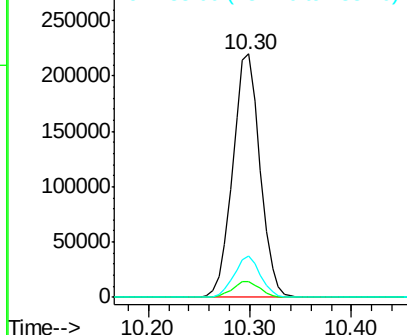
82 100

95 6.5 7.5 11.3#

138 16.8 12.3 18.5



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



#26

2-Nitrophenol

Concen: 52.15 ng

RT: 10.49 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BG027248.D

Acq: 6 Jun 2017 14:16

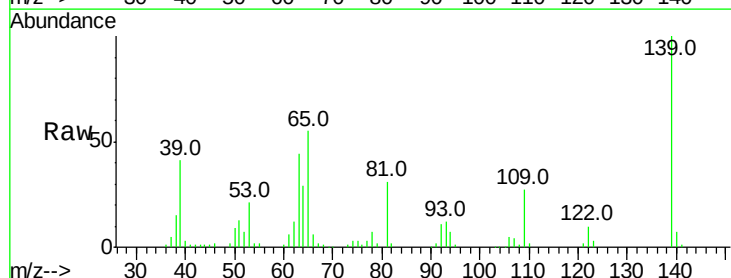
Tgt Ion: 139 Resp: 87844

Ion Ratio Lower Upper

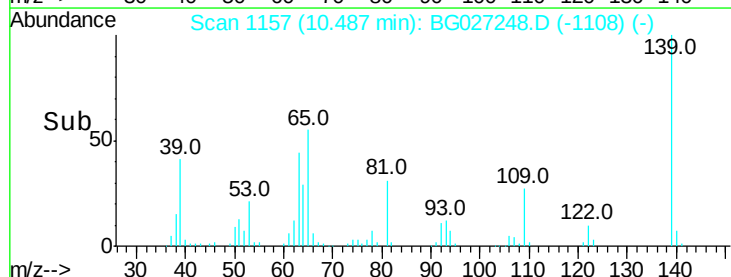
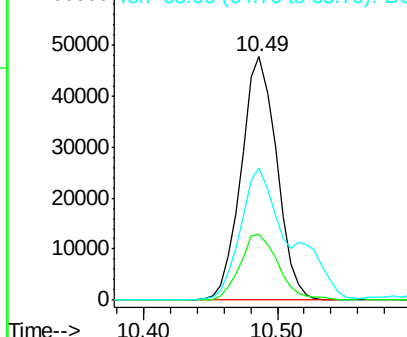
139 100

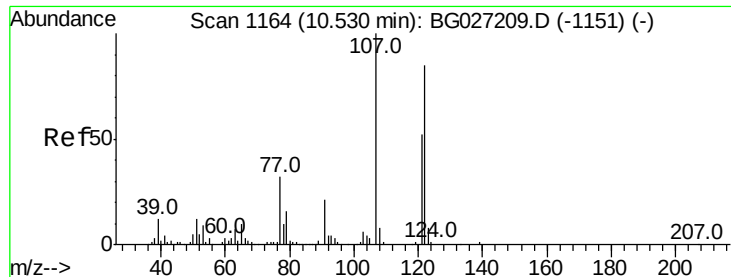
109 27.0 38.6 58.0#

65 54.5 57.1 85.7#



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

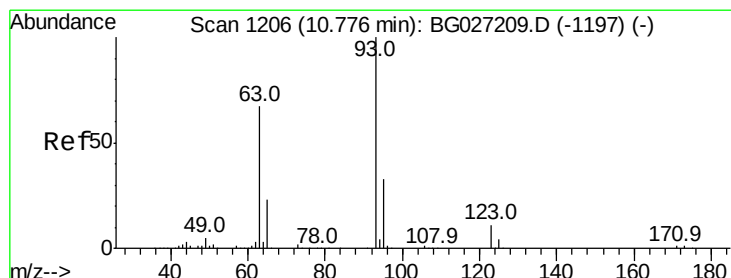
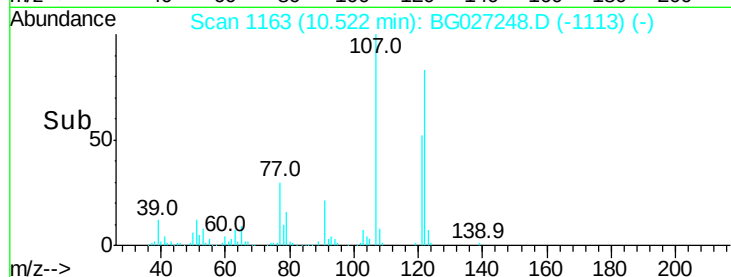
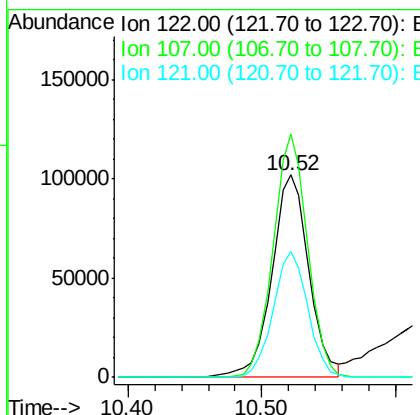
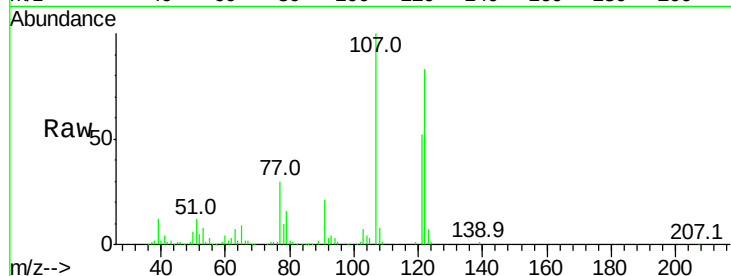




#27
2,4-Dimethylphenol
Concen: 55.01 ng
RT: 10.52 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BG027248.D
Acq: 6 Jun 2017 14:16

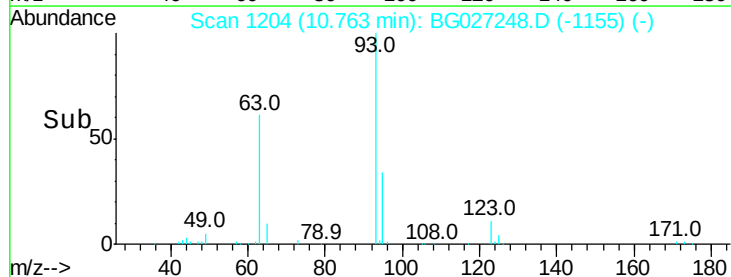
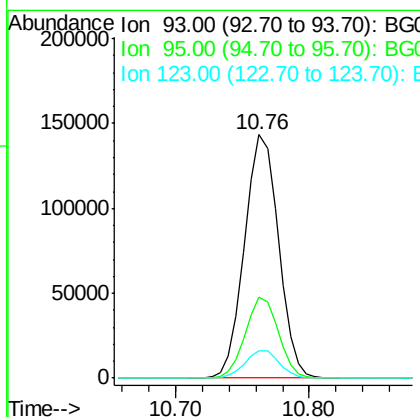
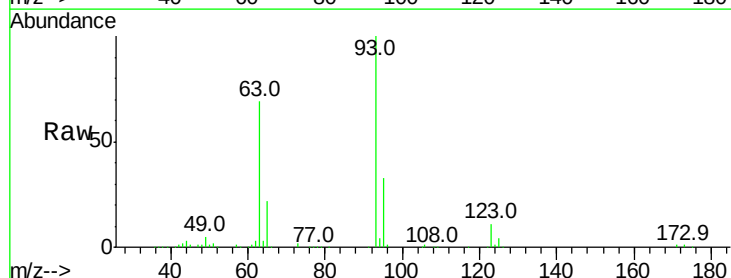
Instrument :
BNA_G
ClientSampleId :

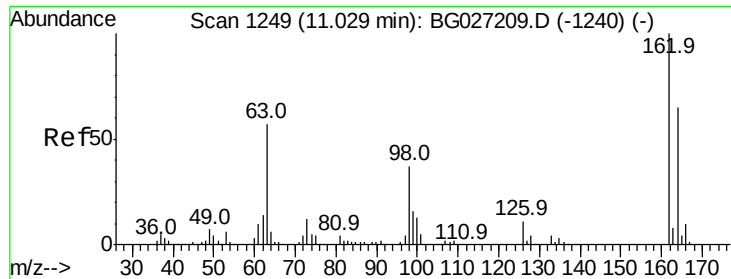
Tot Ion:122 Resp: 196689
Ion Ratio Lower Upper
122 100
107 120.3 104.2 156.4
121 62.4 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 46.90 ng
RT: 10.76 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BG027248.D
Acq: 6 Jun 2017 14:16

Tgt Ion: 93 Resp: 252542
Ion Ratio Lower Upper
93 100
95 33.3 25.7 38.5
123 11.2 8.3 12.5

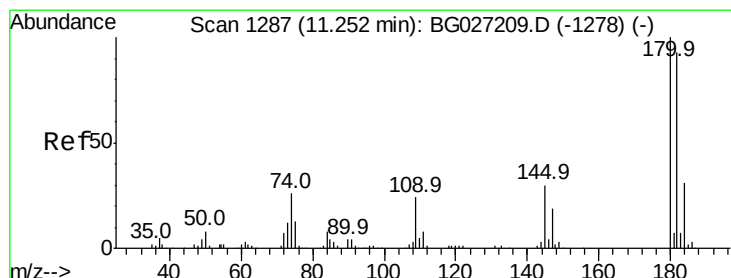
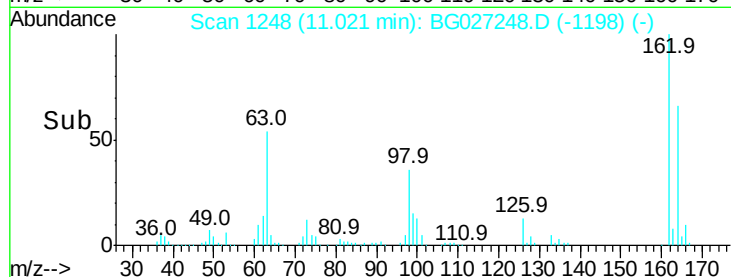
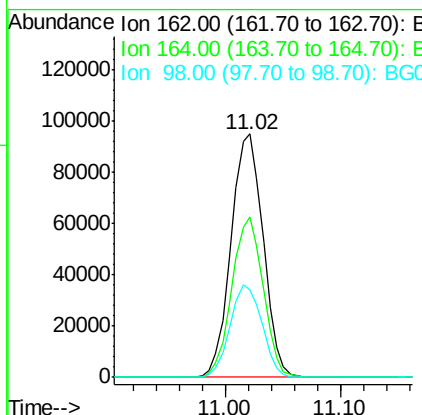
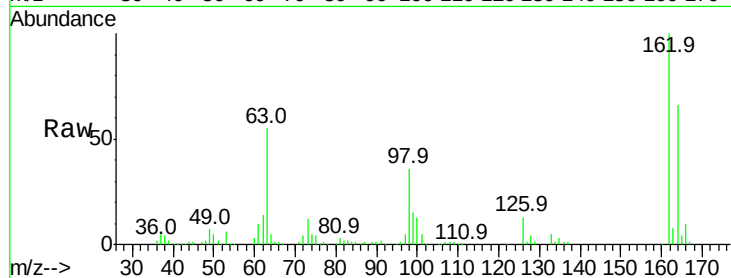




#29
 2,4-Dichlorophenol
 Concen: 55.98 ng
 RT: 11.02 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BG027248.D
 Acq: 6 Jun 2017 14:16

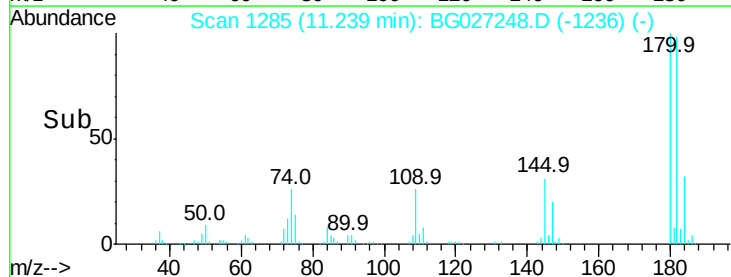
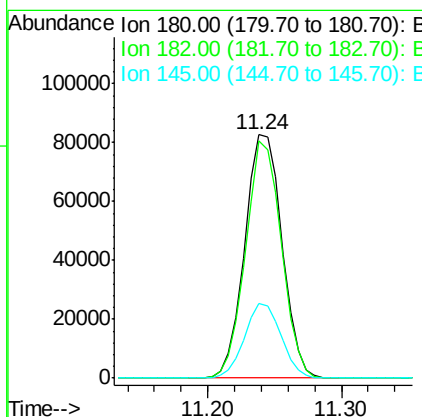
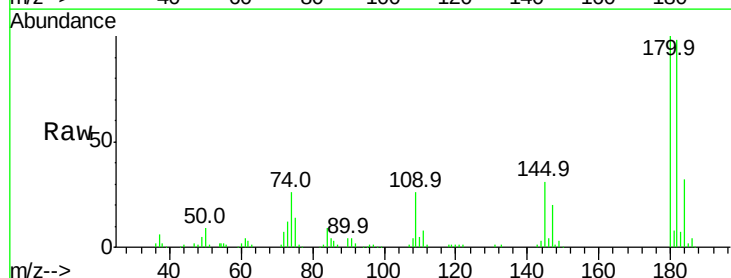
Instrument :
 BNA_G
 ClientSampleID :

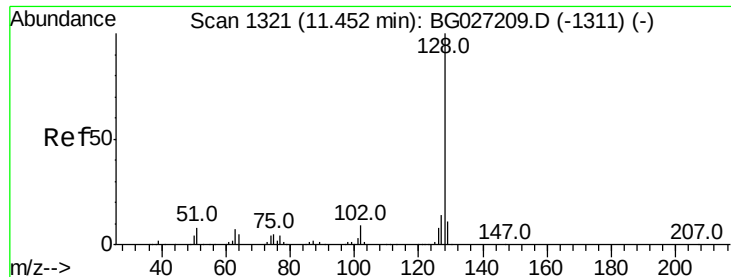
Tot Ion:162 Resp: 182704
 Ion Ratio Lower Upper
 162 100
 164 65.9 42.4 82.4
 98 36.0 20.3 60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 43.97 ng
 RT: 11.24 min Scan# 1285
 Delta R.T. -0.01 min
 Lab File: BG027248.D
 Acq: 6 Jun 2017 14:16

Tgt Ion:180 Resp: 158921
 Ion Ratio Lower Upper
 180 100
 182 97.7 77.0 115.4
 145 30.6 23.4 35.0

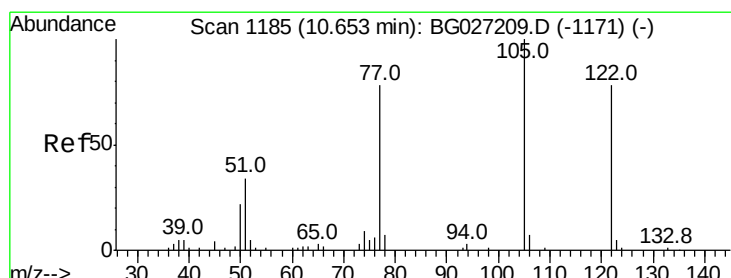
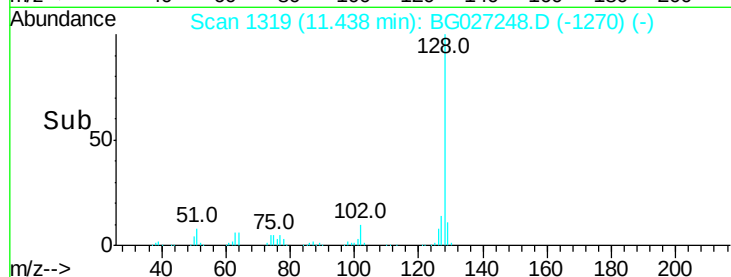
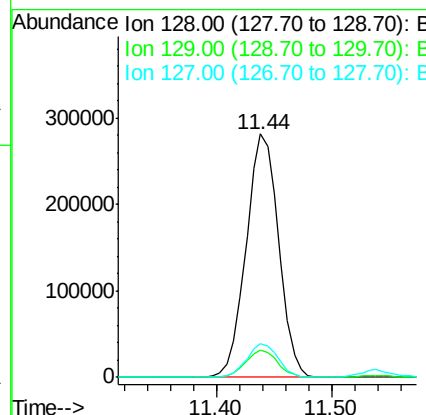
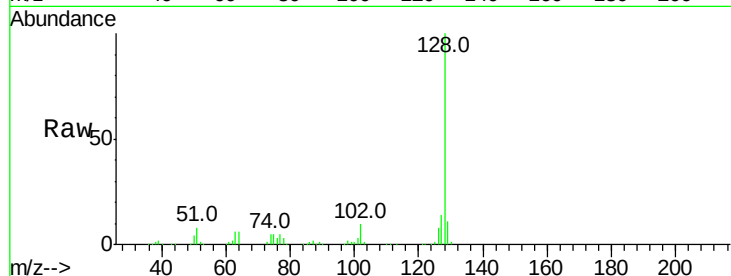




#31
Naphthalene
Concen: 45.14 ng
RT: 11.44 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG027248.D
Acq: 6 Jun 2017 14:16

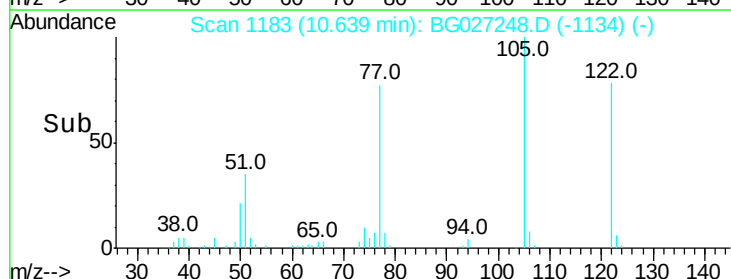
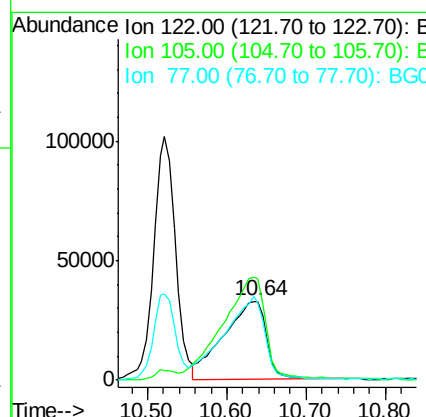
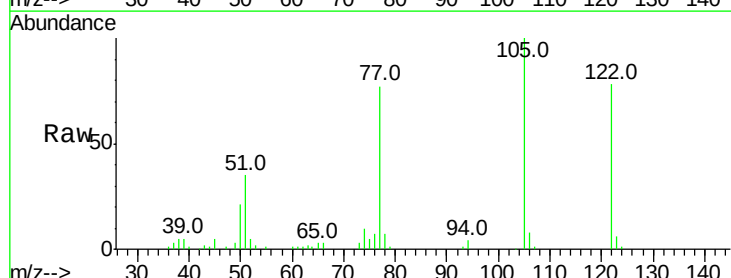
Instrument :
BNA_G
ClientSampleId :

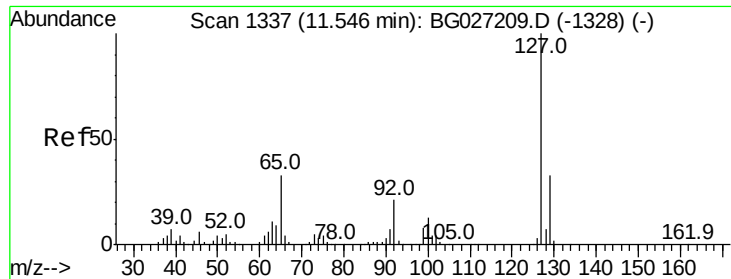
Tot Ion:128 Resp: 548725
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.8 11.4 17.0



#32
Benzoic acid
Concen: 49.27 ng
RT: 10.64 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BG027248.D
Acq: 6 Jun 2017 14:16

Tgt Ion:122 Resp: 122477
Ion Ratio Lower Upper
122 100
105 128.1 120.1 160.1
77 98.6 104.6 144.6#

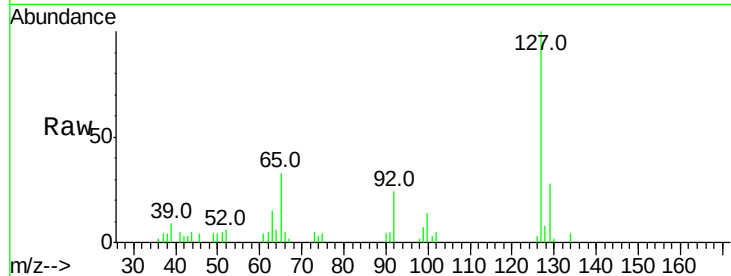




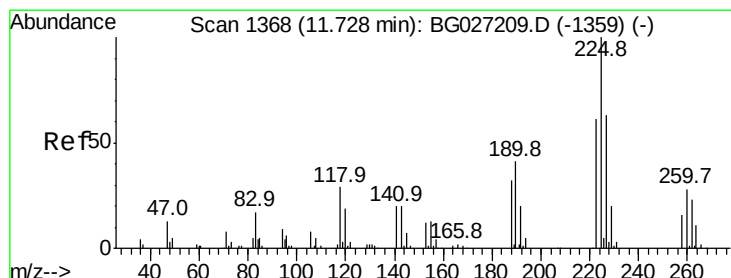
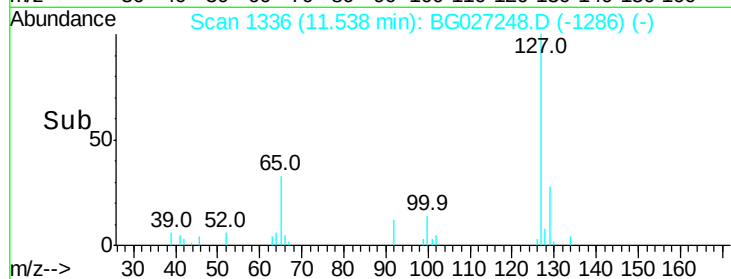
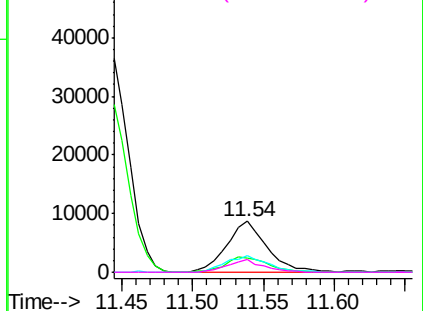
#33
4-Chloroaniline
Concen: 3.43 ng
RT: 11.54 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BG027248.D
Acq: 6 Jun 2017 14:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	17387
Ion	Ratio	Lower	Upper
127	100		
129	28.3	23.6	35.4
65	33.3	37.7	56.5#
92	24.2	17.6	26.4

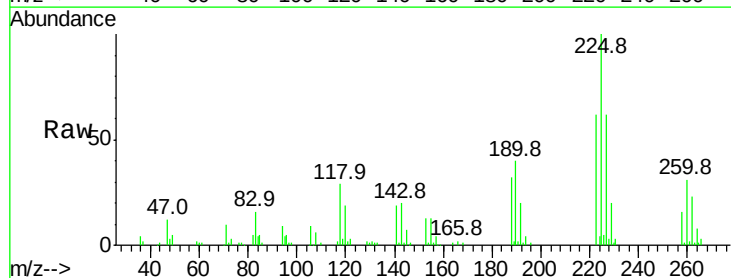


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

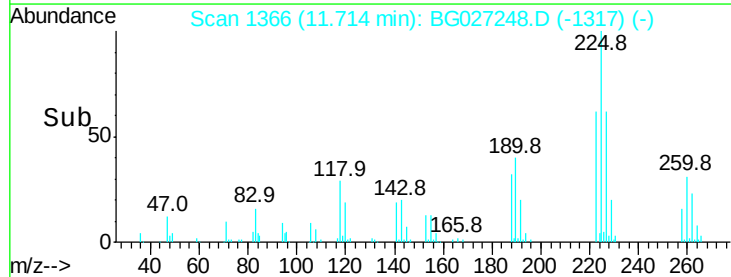
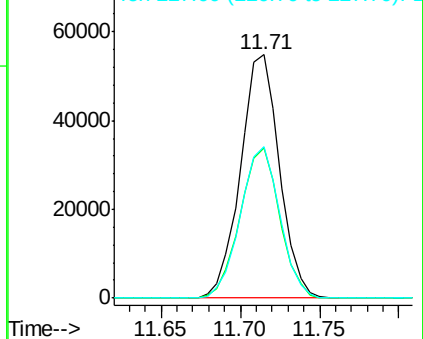


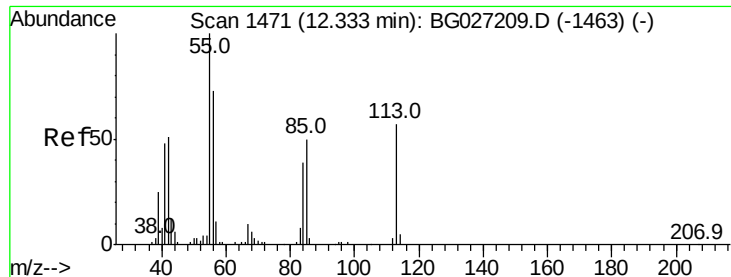
#34
Hexachlorobutadiene
Concen: 42.02 ng
RT: 11.71 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BG027248.D
Acq: 6 Jun 2017 14:16

Tgt Ion:	225	Resp:	93336
Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.7	76.1
227	62.4	49.0	73.6



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





#35

Caprolactam

Concen: 32.85 ng

RT: 12.31 min Scan# 1468

Delta R.T. -0.02 min

Lab File: BG027248.D

Acq: 6 Jun 2017 14:16

Instrument :

BNA_G

ClientSampleId :

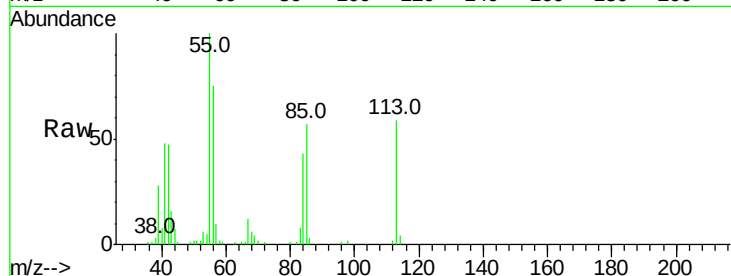
Tot Ion:113 Resp: 36770

Ion Ratio Lower Upper

113 100

55 168.7 198.6 238.6#

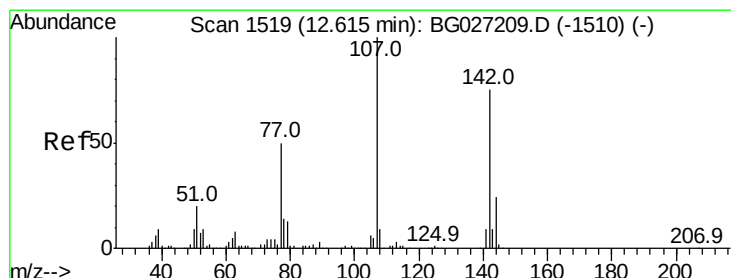
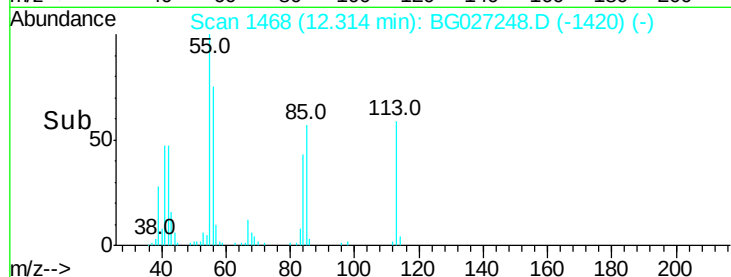
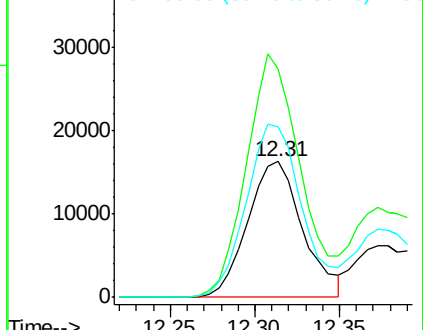
56 126.3 140.4 180.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 55.44 ng

RT: 12.61 min Scan# 1518

Delta R.T. -0.01 min

Lab File: BG027248.D

Acq: 6 Jun 2017 14:16

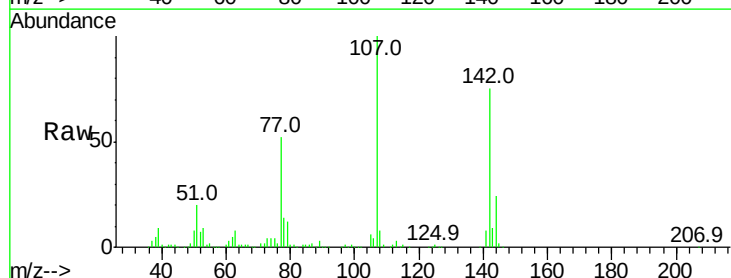
Tgt Ion:107 Resp: 226799

Ion Ratio Lower Upper

107 100

144 23.6 17.4 26.0

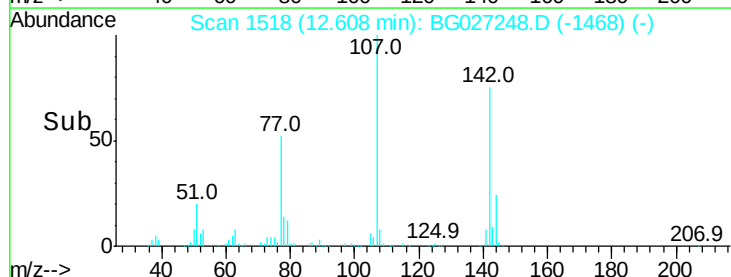
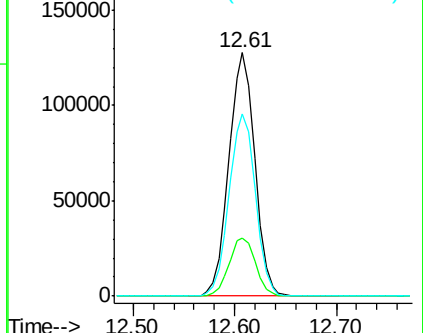
142 75.1 54.1 81.1

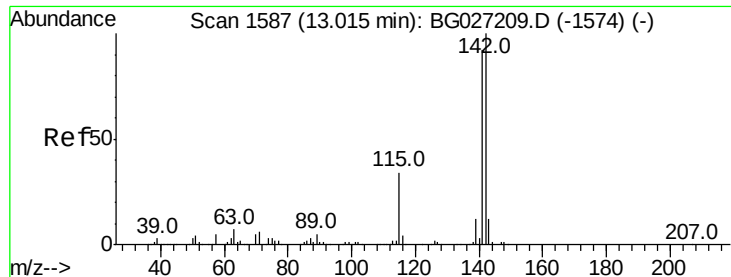


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

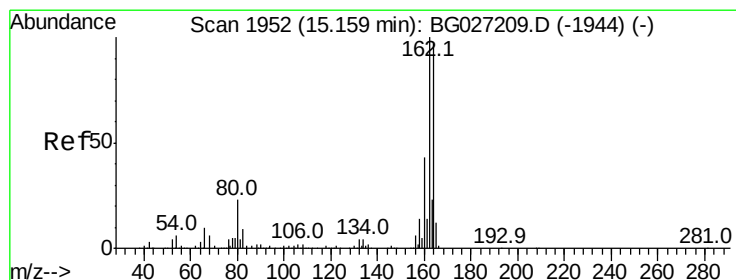
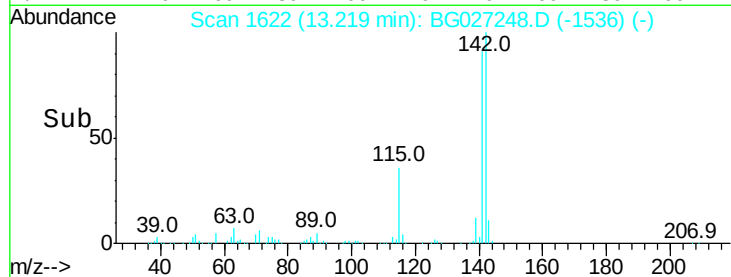
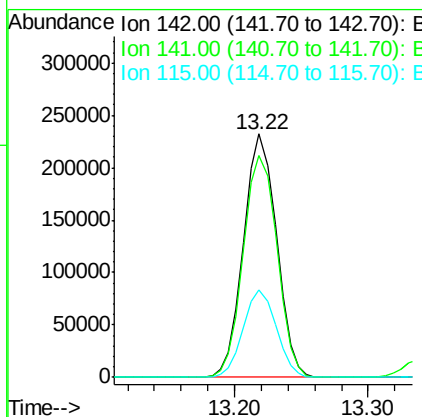
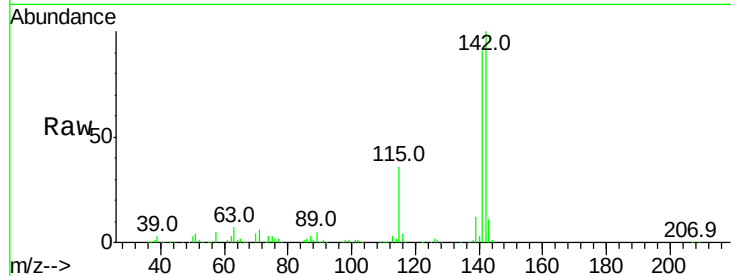




#37
2-Methylnaphthalene
Concen: 44.84 ng
RT: 13.22 min Scan# 1622
Delta R.T. 0.20 min
Lab File: BG027248.D
Acq: 6 Jun 2017 14:16

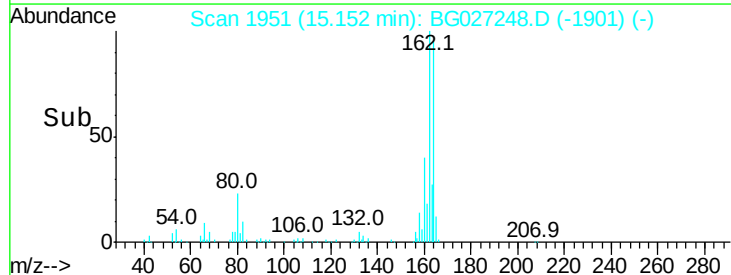
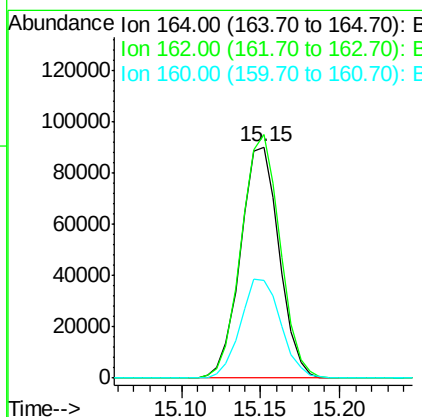
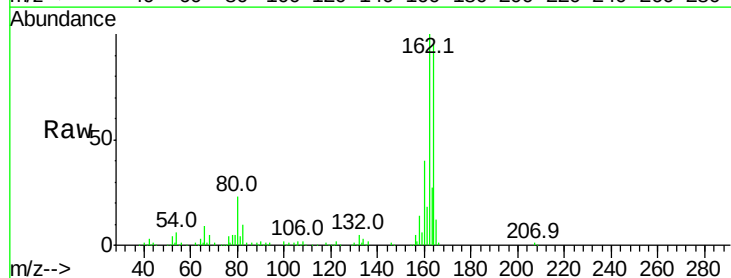
Instrument :
BNA_G
ClientSampleId :

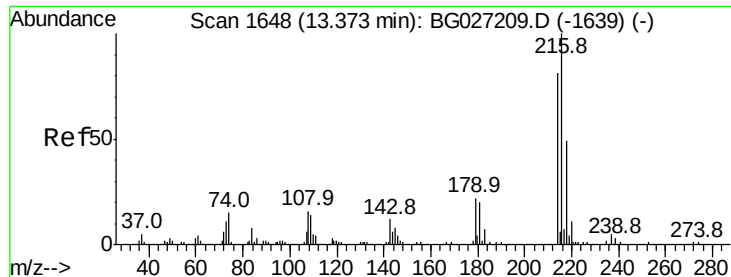
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	70.4	105.6
115	36.2	35.5	53.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.15 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG027248.D
Acq: 6 Jun 2017 14:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	85.1	127.7
160	42.1	34.7	52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.44 ng

RT: 13.36 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BG027248.D

Acq: 6 Jun 2017 14:16

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 201495

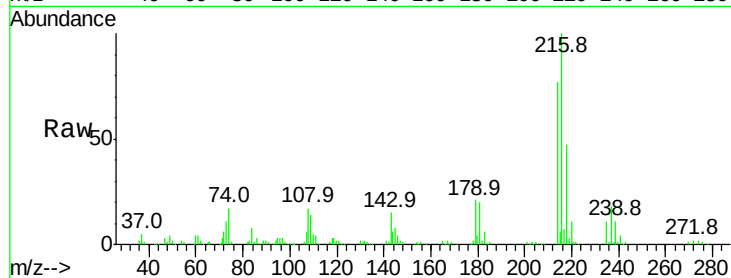
Ion Ratio Lower Upper

216 100

214 78.3 64.4 96.6

179 21.1 17.4 26.0

108 20.4 15.6 23.4

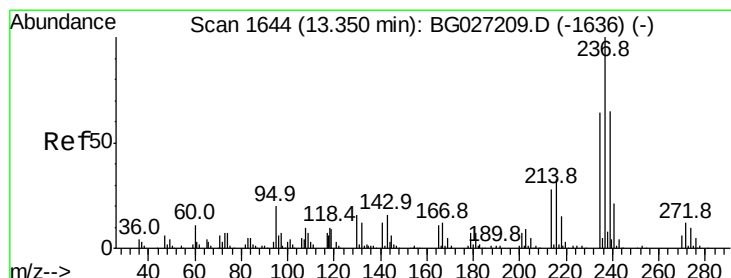
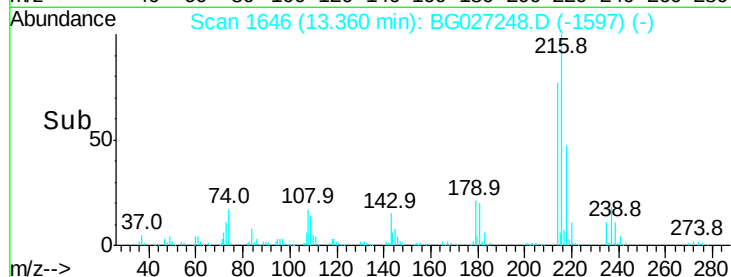
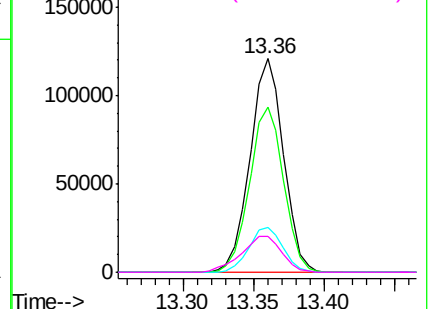


Abundance Ion 216.00 (215.70 to 216.70): E

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: 96.36 ng

RT: 13.34 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BG027248.D

Acq: 6 Jun 2017 14:16

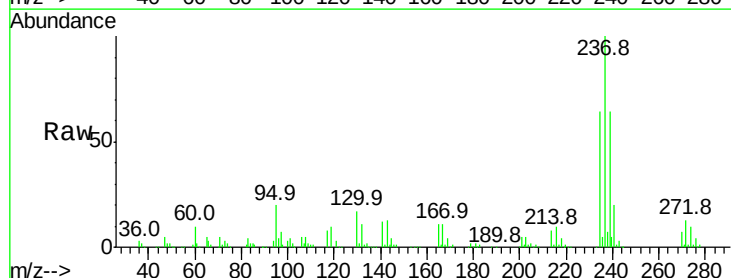
Tgt Ion:237 Resp: 243493

Ion Ratio Lower Upper

237 100

235 63.6 39.4 79.4

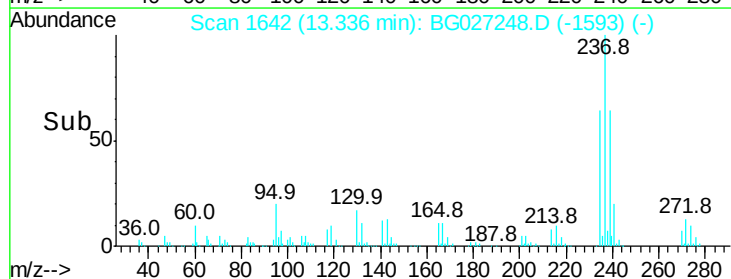
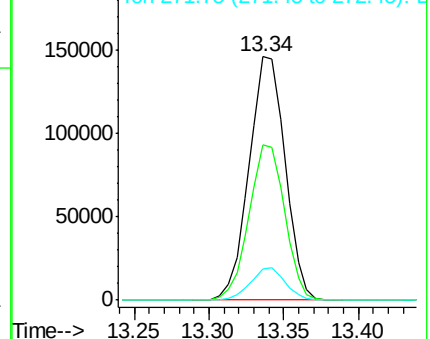
272 12.7 0.0 32.0

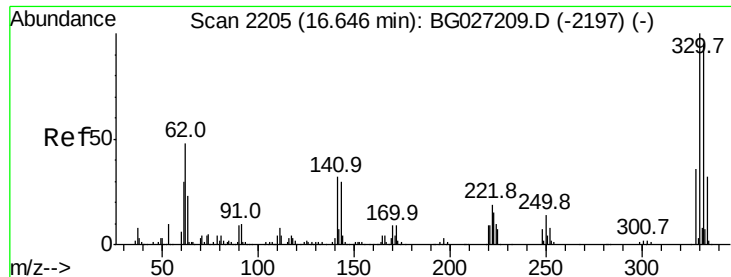


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

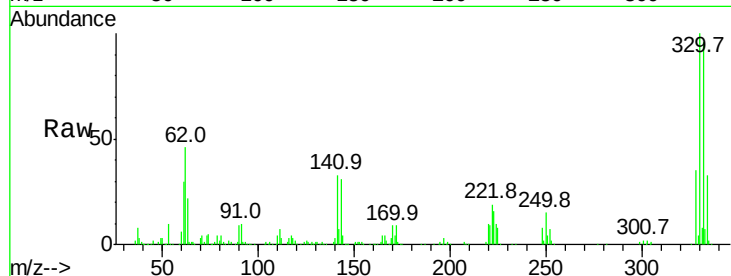




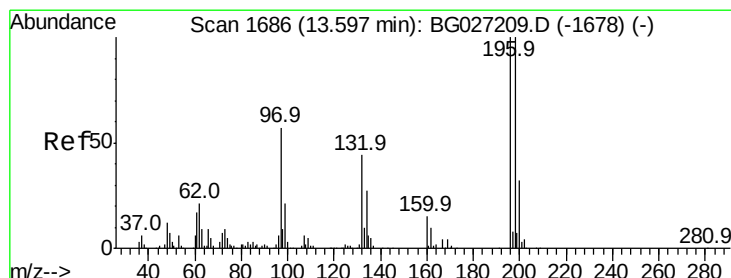
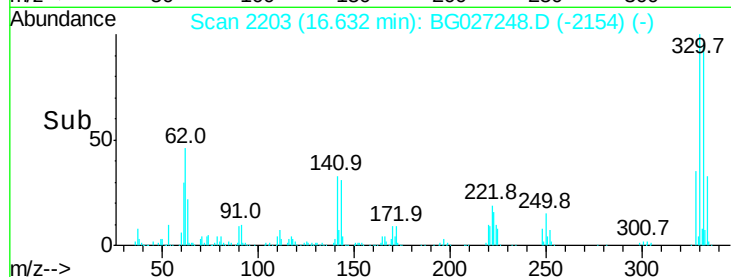
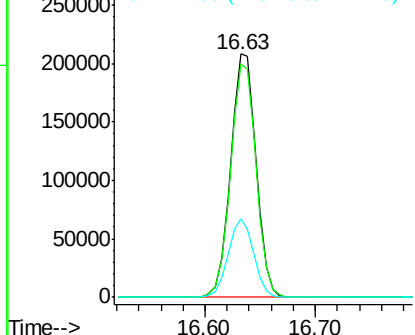
#41
 2,4,6-Tribromophenol
 Concen: 167.71 ng
 RT: 16.63 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BG027248.D
 Acq: 6 Jun 2017 14:16

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 336571
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.3 115.9
 141 32.2 32.1 48.1

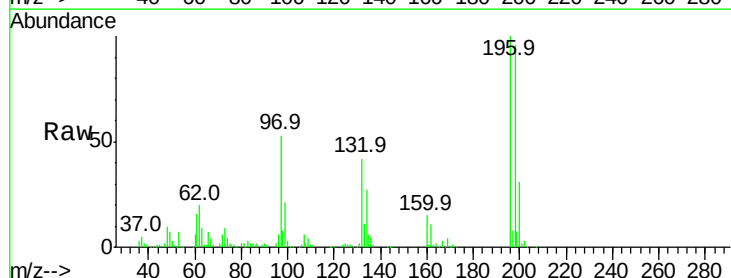


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

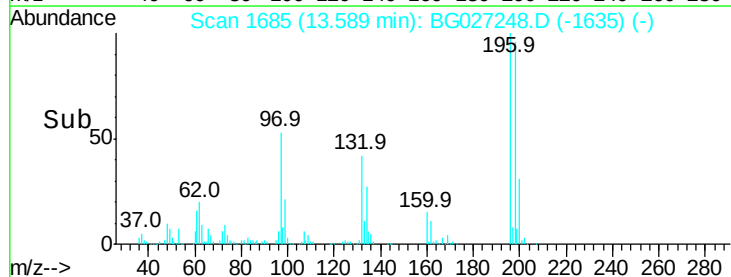
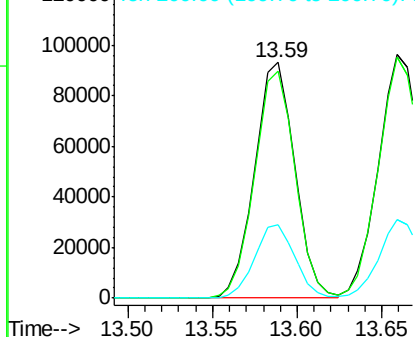


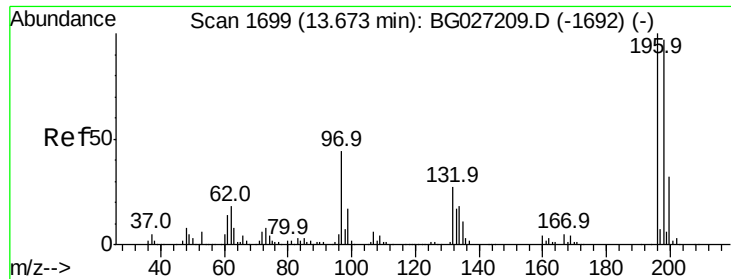
#42
 2,4,6-Trichlorophenol
 Concen: 53.73 ng
 RT: 13.59 min Scan# 1685
 Delta R.T. -0.01 min
 Lab File: BG027248.D
 Acq: 6 Jun 2017 14:16

Tgt Ion:196 Resp: 154723
 Ion Ratio Lower Upper
 196 100
 198 96.2 81.4 122.2
 200 30.9 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

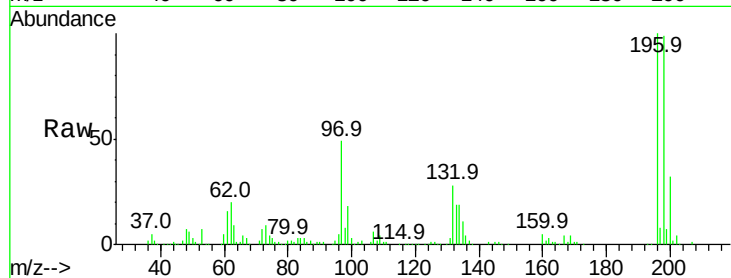




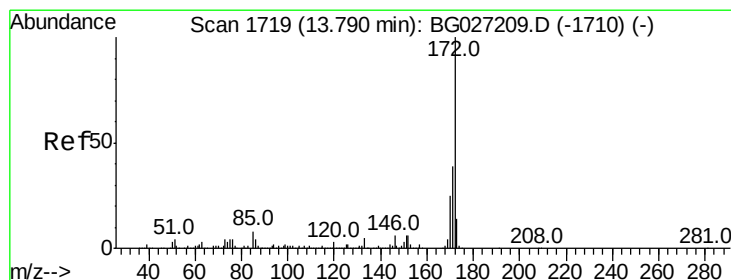
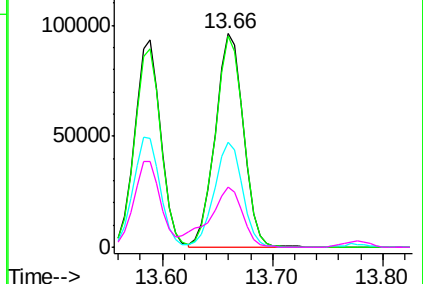
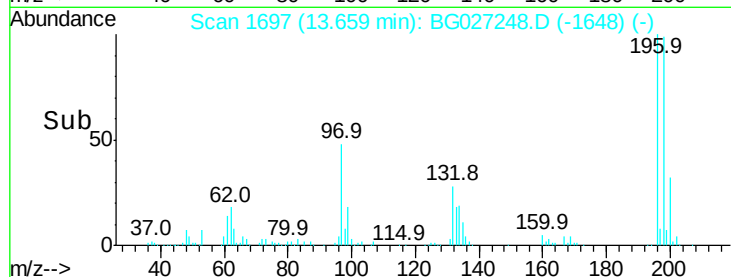
#43
 2,4,5-Trichlorophenol
 Concen: 53.05 ng
 RT: 13.66 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG027248.D
 Acq: 6 Jun 2017 14:16

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	196	Resp:	170965
Ion	Ratio	Lower	Upper
196	100		
198	98.8	79.9	119.9
97	49.1	45.4	68.0
132	28.2	20.7	31.1

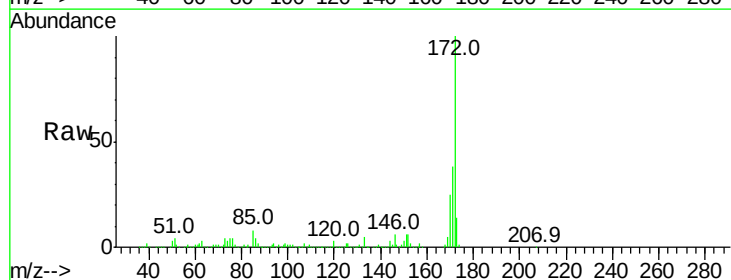


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

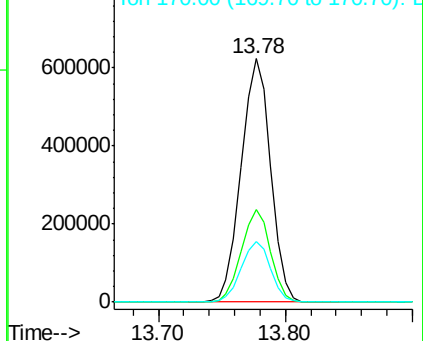
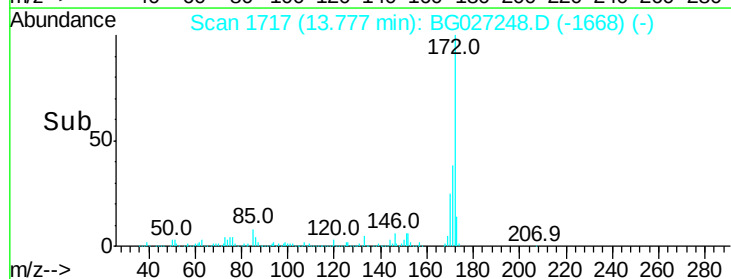


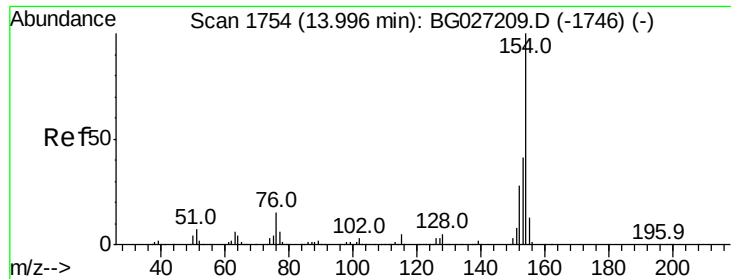
#44
 2-Fluorobiphenyl
 Concen: 92.23 ng
 RT: 13.78 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG027248.D
 Acq: 6 Jun 2017 14:16

Tgt Ion:	172	Resp:	1004762
Ion	Ratio	Lower	Upper
172	100		
171	38.2	32.2	48.2
170	25.0	21.8	32.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 45.50 ng

RT: 13.99 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BG027248.D

Acq: 6 Jun 2017 14:16

Instrument :

BNA_G

ClientSampleId :

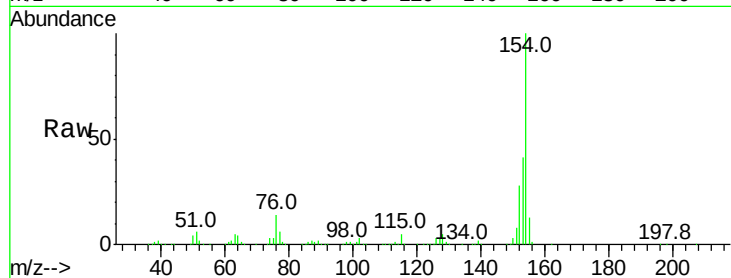
Tot Ion:154 Resp: 565958

Ion Ratio Lower Upper

154 100

153 40.8 23.0 63.0

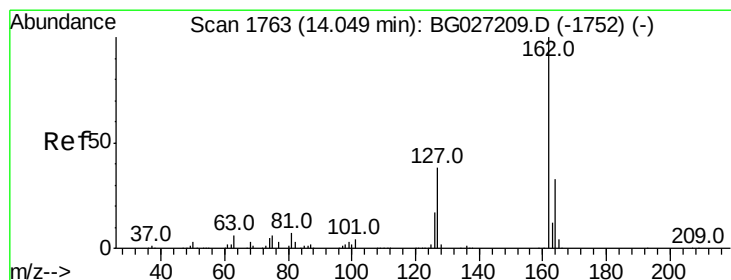
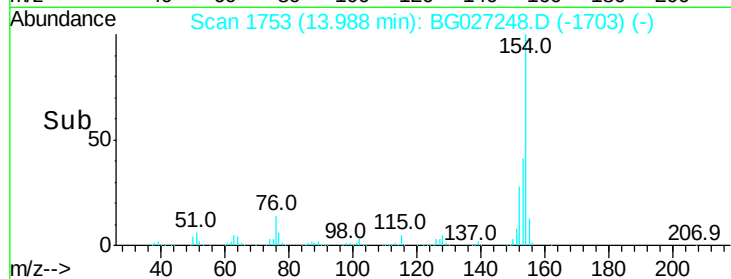
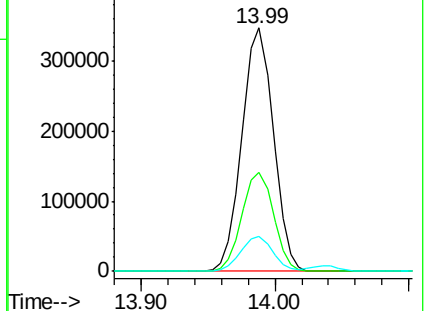
76 14.3 0.0 33.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 45.60 ng

RT: 14.04 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BG027248.D

Acq: 6 Jun 2017 14:16

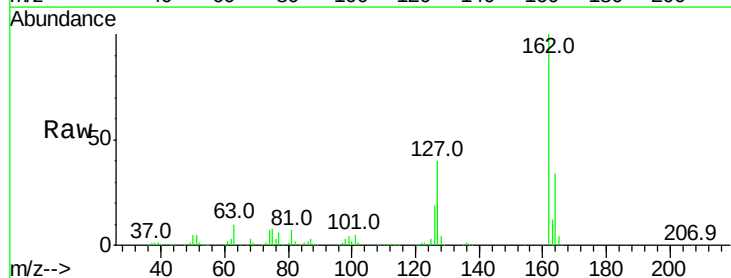
Tgt Ion:162 Resp: 425307

Ion Ratio Lower Upper

162 100

127 40.0 32.2 48.4

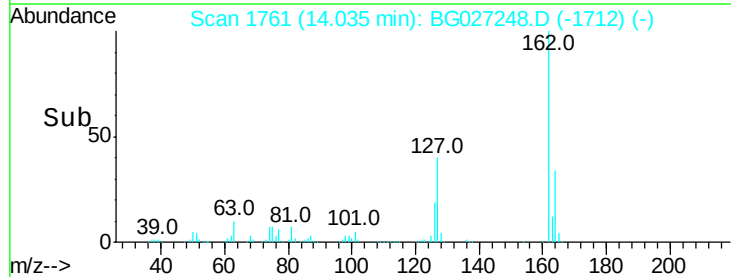
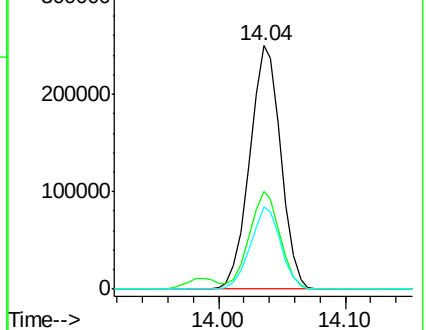
164 33.9 27.3 40.9

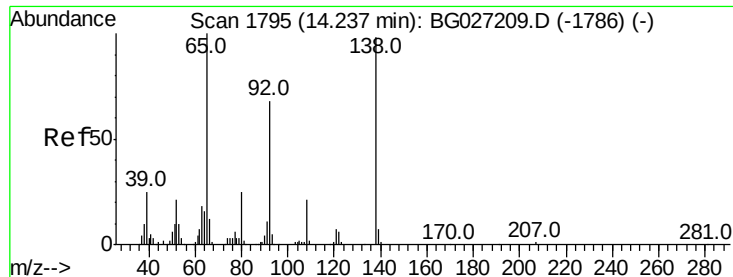


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 54.01 ng

RT: 14.23 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BG027248.D

Acq: 6 Jun 2017 14:16

Instrument :

BNA_G

ClientSampleId :

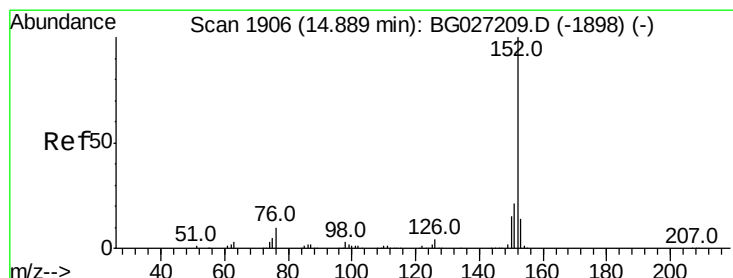
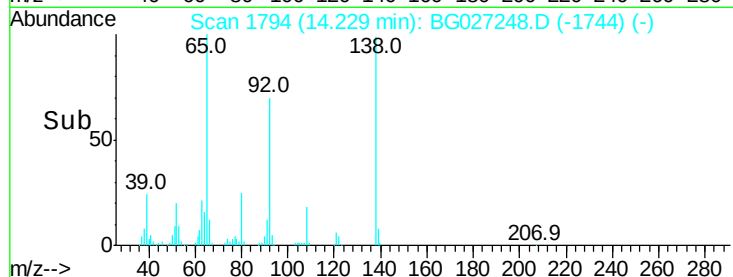
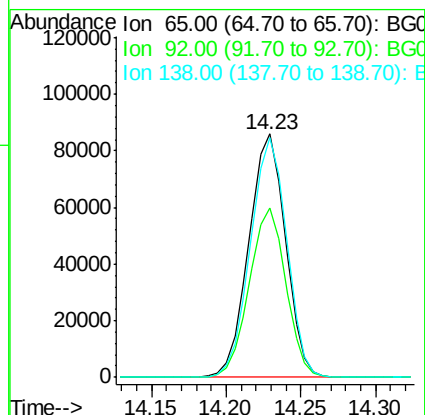
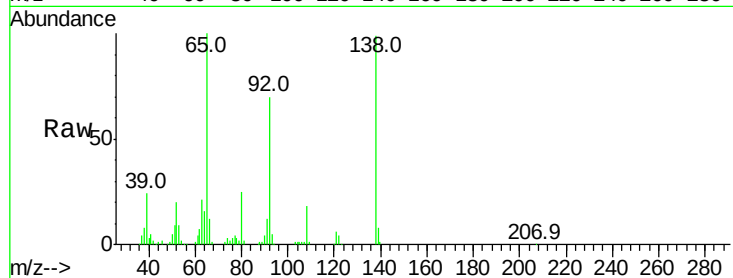
Tot Ion: 65 Resp: 145893

Ion Ratio Lower Upper

65 100

92 69.6 49.0 73.4

138 98.6 58.6 87.8#



#48

Acenaphthylene

Concen: 44.56 ng

RT: 14.88 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BG027248.D

Acq: 6 Jun 2017 14:16

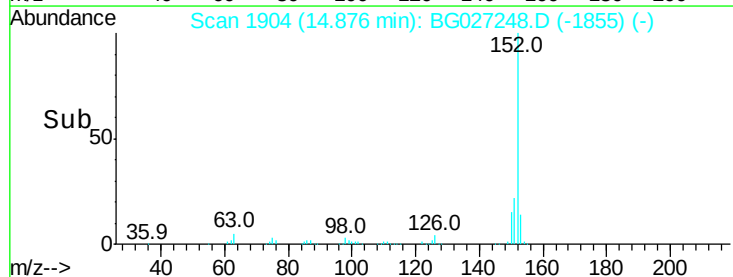
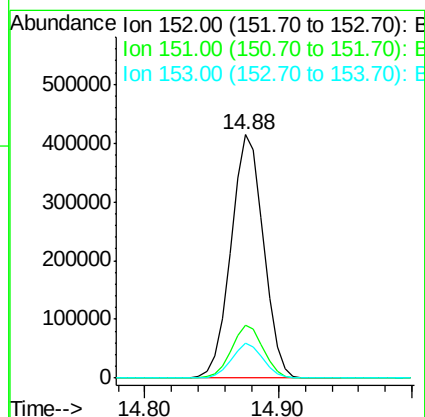
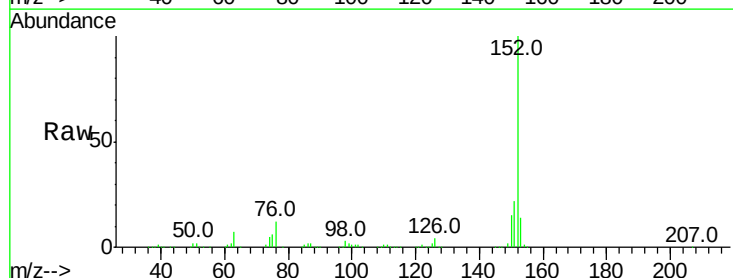
Tgt Ion: 152 Resp: 703327

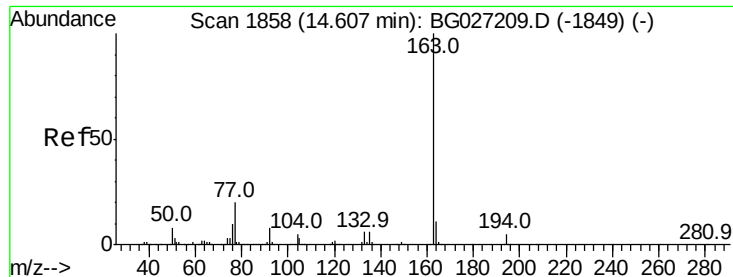
Ion Ratio Lower Upper

152 100

151 21.6 18.2 27.2

153 14.2 11.3 16.9





#49

Dimethylphthalate

Concen: 49.53 ng

RT: 14.59 min Scan# 1855

Delta R.T. -0.02 min

Lab File: BG027248.D

Acq: 6 Jun 2017 14:16

Instrument :

BNA_G

ClientSampleId :

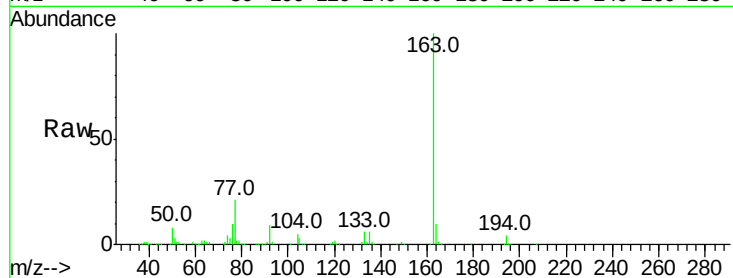
Tot Ion:163 Resp: 598820

Ion Ratio Lower Upper

163 100

194 4.2 3.8 5.6

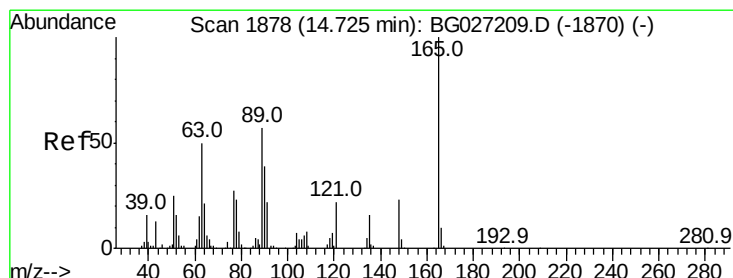
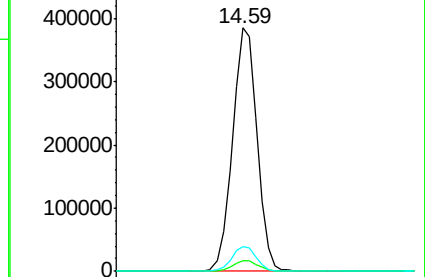
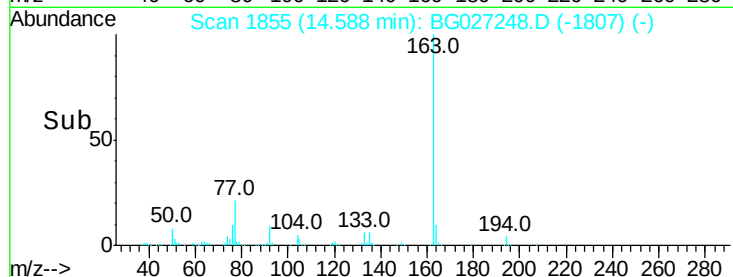
164 10.4 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 51.95 ng

RT: 14.71 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG027248.D

Acq: 6 Jun 2017 14:16

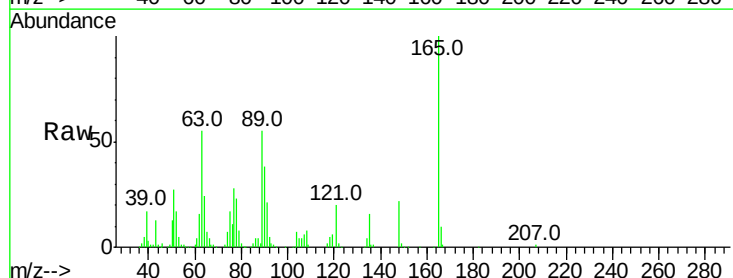
Tgt Ion:165 Resp: 128868

Ion Ratio Lower Upper

165 100

63 54.7 63.9 95.9#

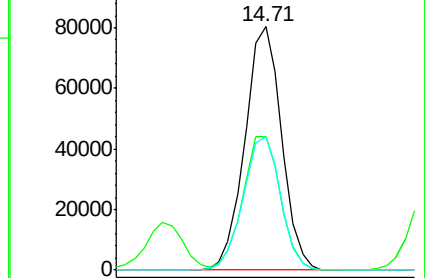
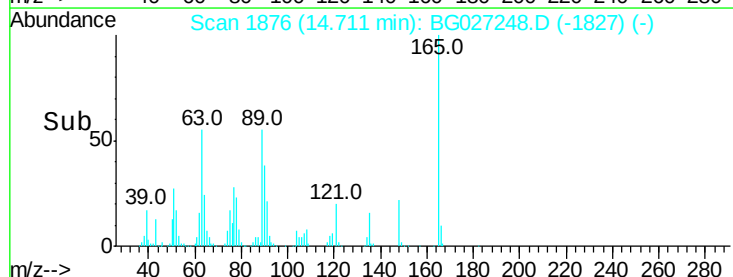
89 54.8 58.6 88.0#

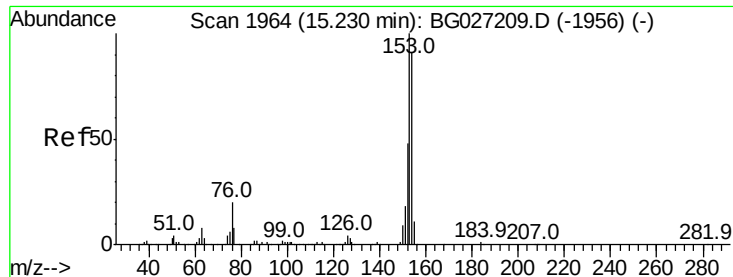


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 50.81 ng

RT: 15.22 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BG027248.D

Acq: 6 Jun 2017 14:16

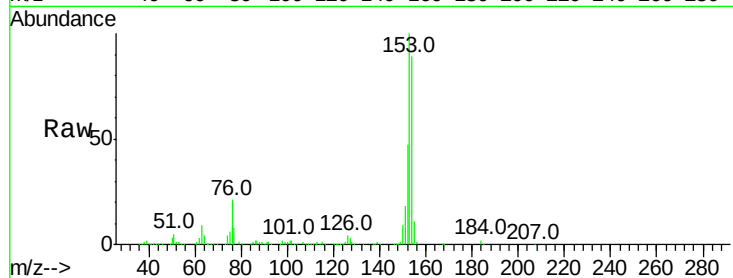
Instrument :

BNA_G

ClientSampleId :

Tot Ion:154 Resp: 521676

Ion	Ratio	Lower	Upper
154	100		
153	112.1	87.8	131.6
152	52.8	42.2	63.4

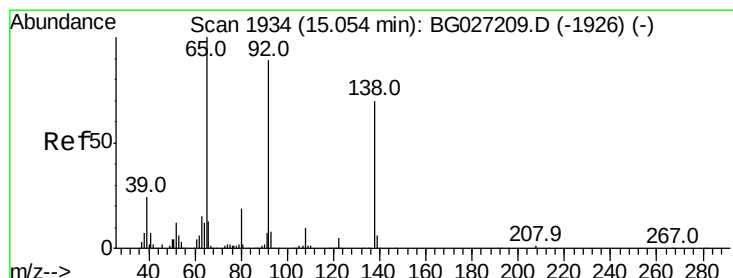
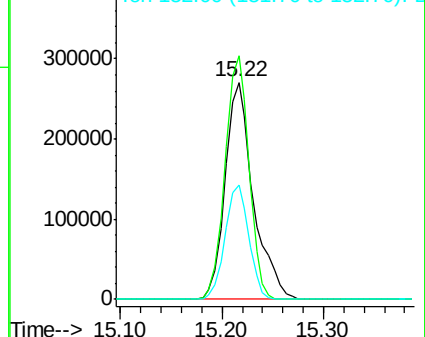
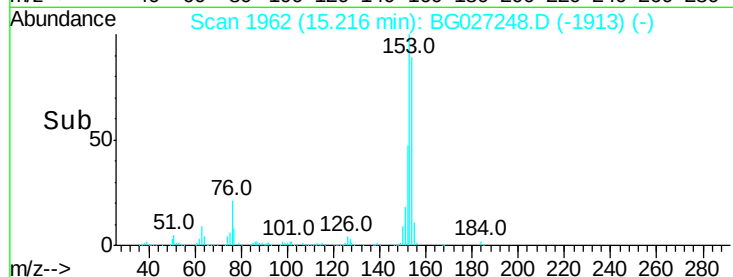


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.46 ng

RT: 15.04 min Scan# 1932

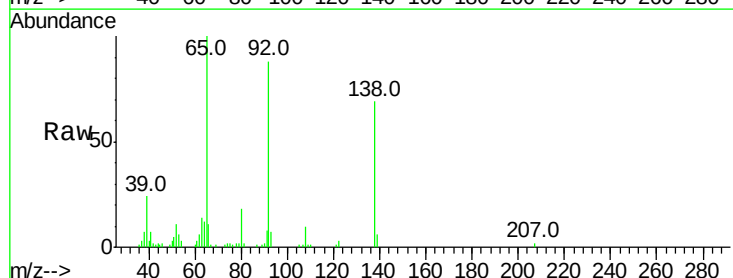
Delta R.T. -0.01 min

Lab File: BG027248.D

Acq: 6 Jun 2017 14:16

Tgt Ion:138 Resp: 40202

Ion	Ratio	Lower	Upper
138	100		
108	14.6	10.9	16.3
92	127.7	115.3	172.9

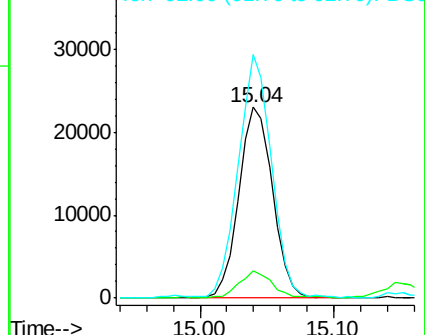
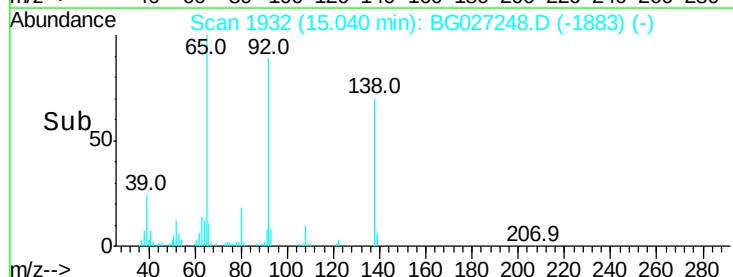


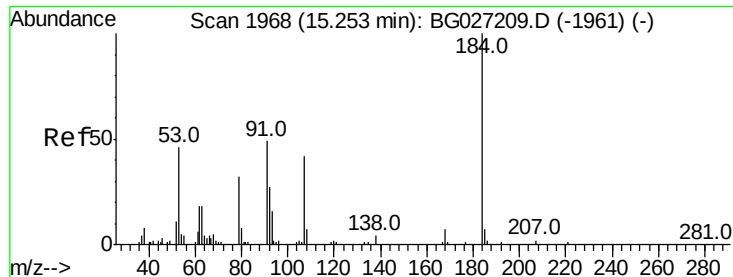
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

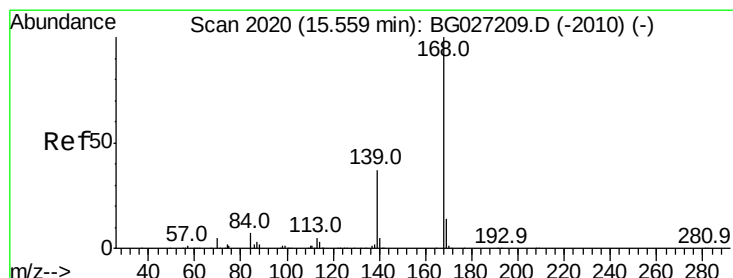
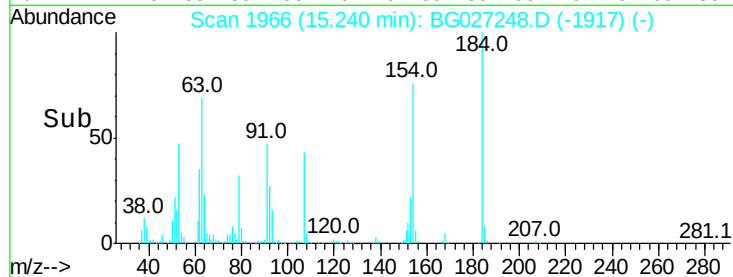
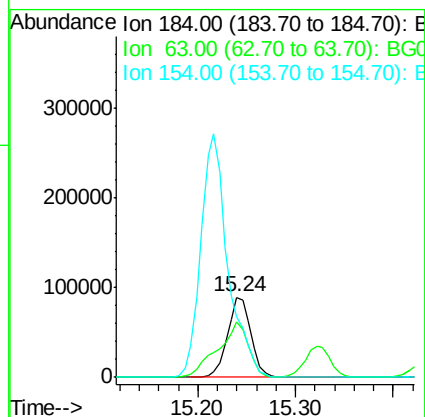
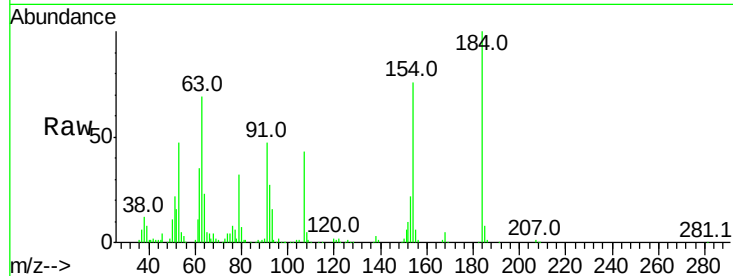




#53
2,4-Dinitrophenol
Concen: 107.52 ng
RT: 15.24 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BG027248.D
Acq: 6 Jun 2017 14:16

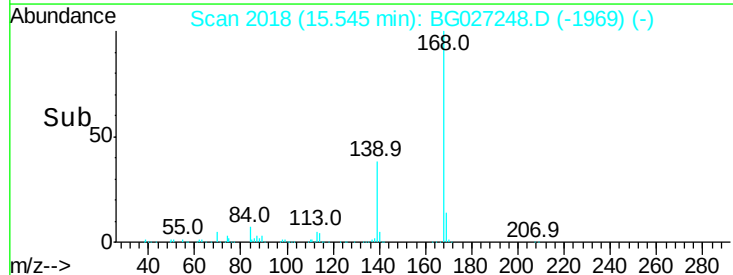
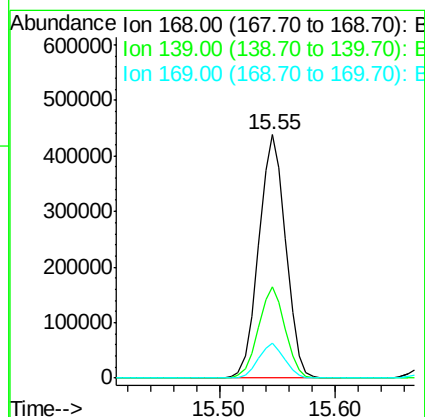
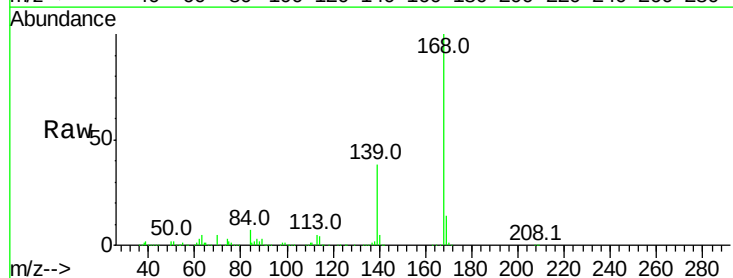
Instrument :
BNA_G
ClientSampleId :

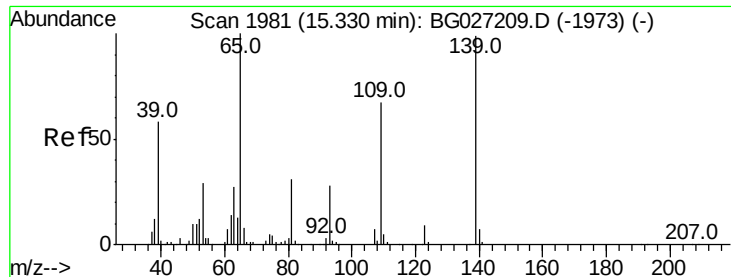
Tot Ion:184 Resp: 146899
Ion Ratio Lower Upper
184 100
63 68.8 52.7 79.1
154 76.4 57.3 85.9



#54
Dibenzofuran
Concen: 49.45 ng
RT: 15.55 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG027248.D
Acq: 6 Jun 2017 14:16

Tgt Ion:168 Resp: 709459
Ion Ratio Lower Upper
168 100
139 37.5 35.3 52.9
169 14.1 11.5 17.3





#55

4-Nitrophenol

Concen: 93.60 ng

RT: 15.32 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BG027248.D

Acq: 6 Jun 2017 14:16

Instrument :

BNA_G

ClientSampleId :

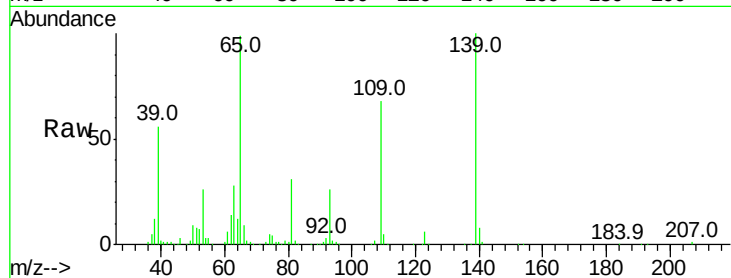
Tot Ion:139 Resp: 216324

Ion Ratio Lower Upper

139 100

109 67.6 101.2 141.2#

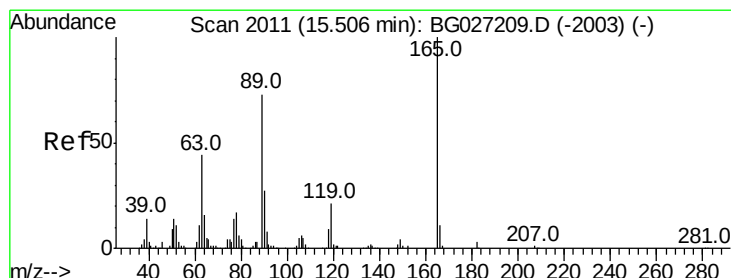
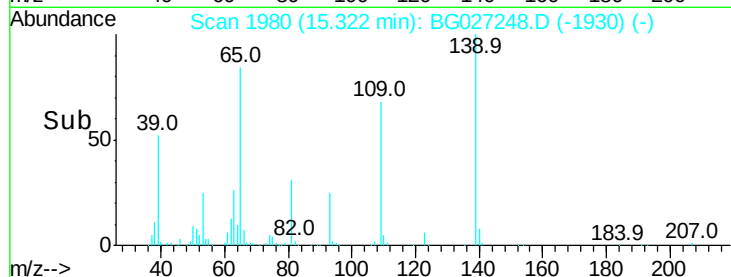
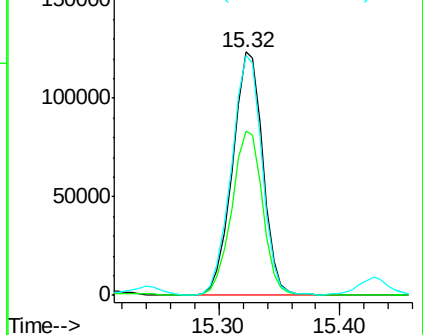
65 98.5 135.3 175.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 55.72 ng

RT: 15.49 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BG027248.D

Acq: 6 Jun 2017 14:16

Tgt Ion:165 Resp: 179201

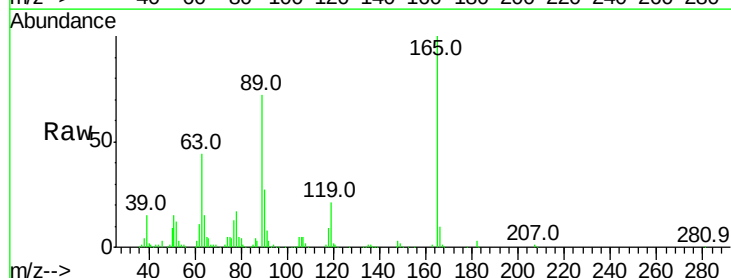
Ion Ratio Lower Upper

165 100

63 44.2 44.0 66.0

89 71.7 67.3 100.9

182 2.9 3.8 5.6#

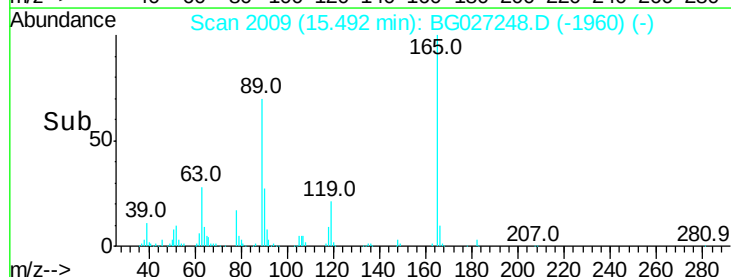
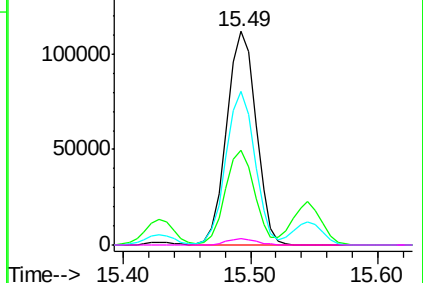


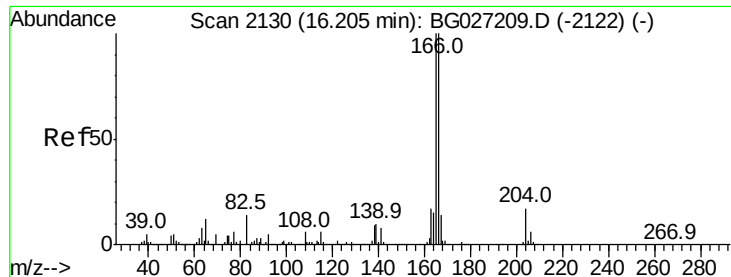
Abundance Ion 165.00 (164.70 to 165.70): E

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: 45.43 ng

RT: 16.19 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BG027248.D

Acq: 6 Jun 2017 14:16

Instrument :

BNA_G

ClientSampleId :

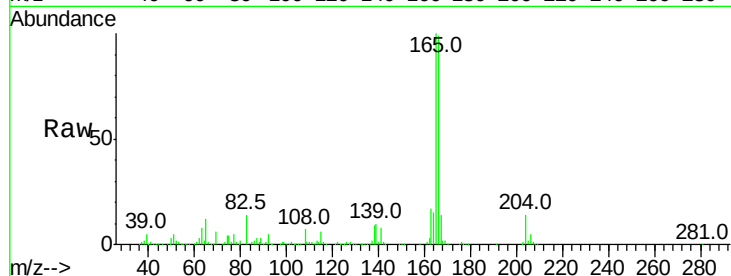
Tot Ion:166 Resp: 578960

Ion Ratio Lower Upper

166 100

165 100.6 78.6 117.8

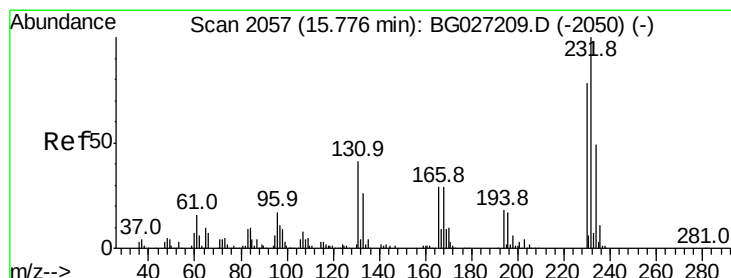
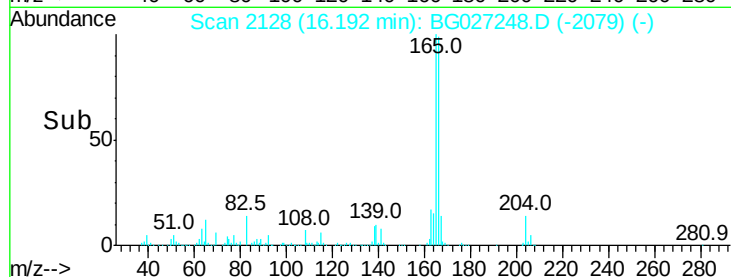
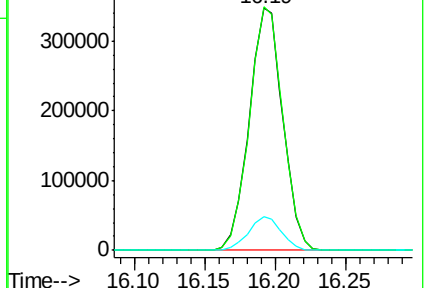
167 13.8 11.6 17.4



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: 57.36 ng

RT: 15.76 min Scan# 2055

Delta R.T. -0.01 min

Lab File: BG027248.D

Acq: 6 Jun 2017 14:16

Tgt Ion:232 Resp: 165009

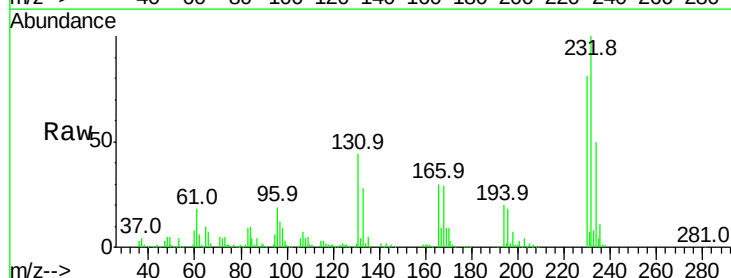
Ion Ratio Lower Upper

232 100

131 43.8 34.9 52.3

130 2.3 2.3 3.5#

166 30.2 24.2 36.4

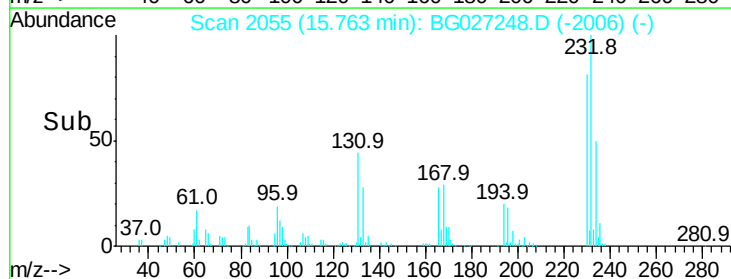
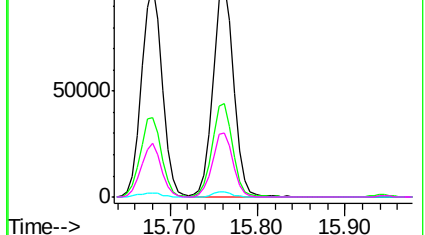


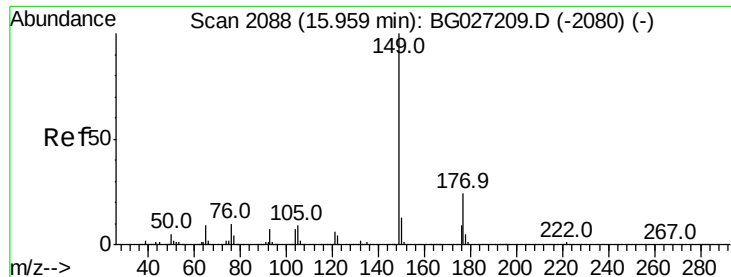
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 50.70 ng

RT: 15.94 min Scan# 2086

Delta R.T. -0.01 min

Lab File: BG027248.D

Acq: 6 Jun 2017 14:16

Instrument :

BNA_G

ClientSampleId :

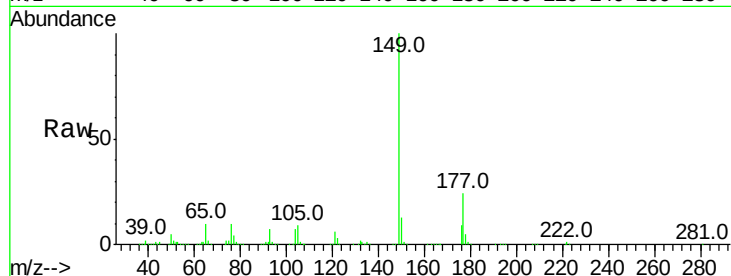
Tot Ion:149 Resp: 611374

Ion Ratio Lower Upper

149 100

177 23.9 20.1 30.1

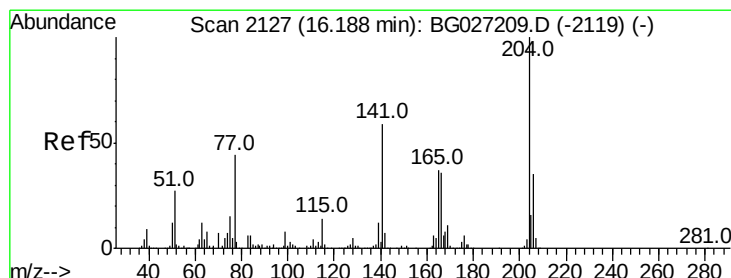
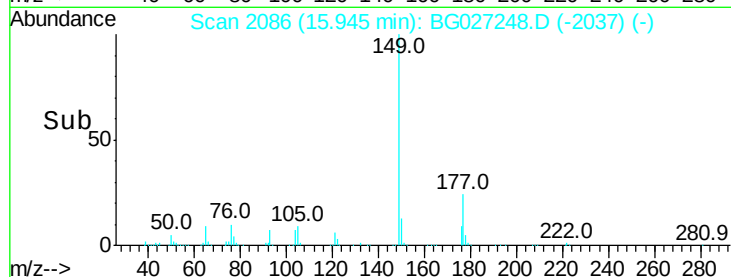
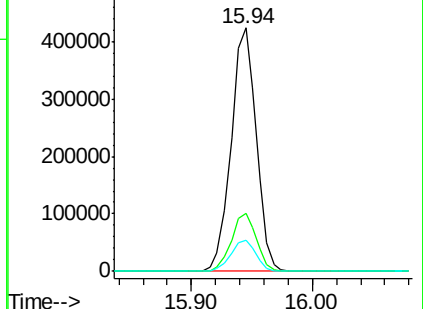
150 12.7 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 46.99 ng

RT: 16.17 min Scan# 2125

Delta R.T. -0.01 min

Lab File: BG027248.D

Acq: 6 Jun 2017 14:16

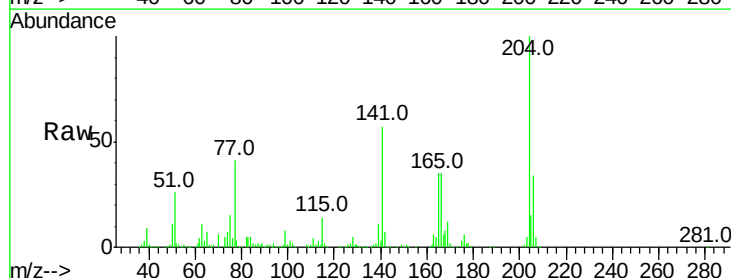
Tgt Ion:204 Resp: 301638

Ion Ratio Lower Upper

204 100

206 33.7 30.1 45.1

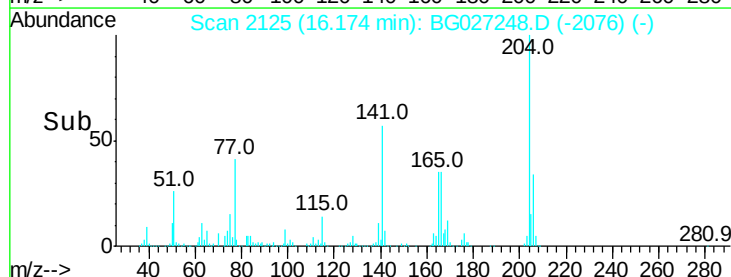
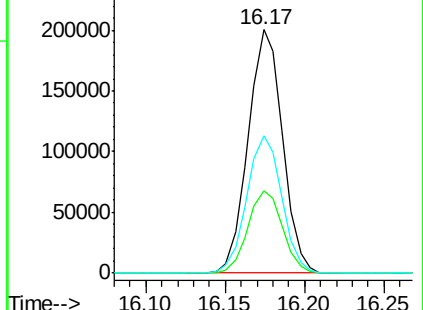
141 56.7 50.6 76.0

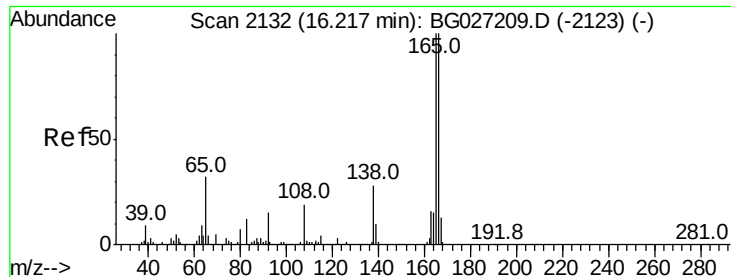


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

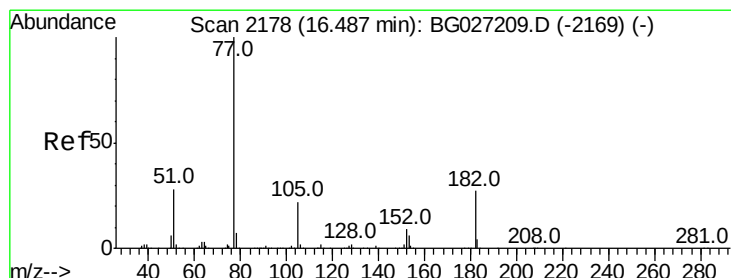
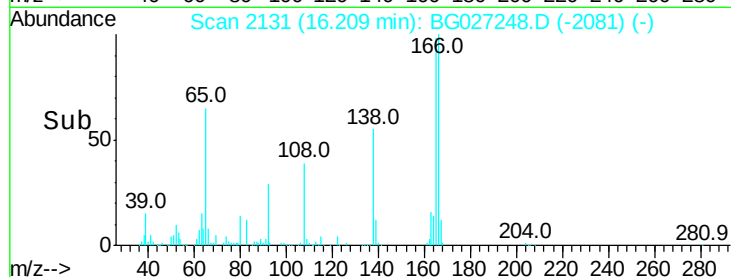
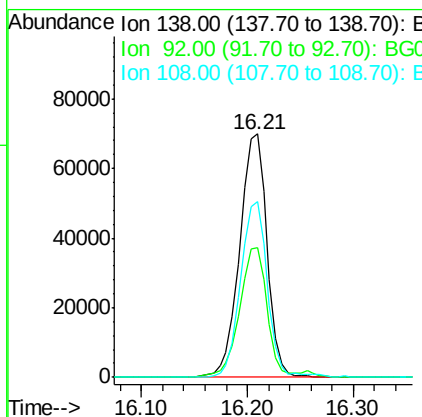
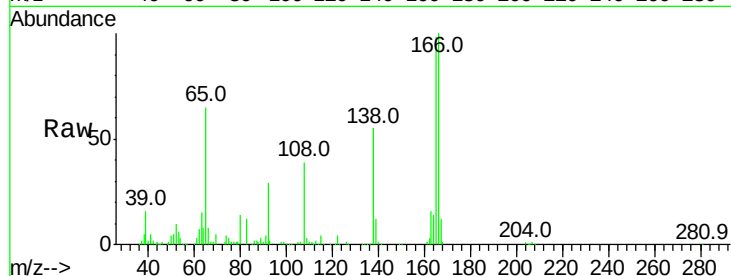




#61
4-Nitroaniline
Concen: 48.09 ng
RT: 16.21 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG027248.D
Acq: 6 Jun 2017 14:16

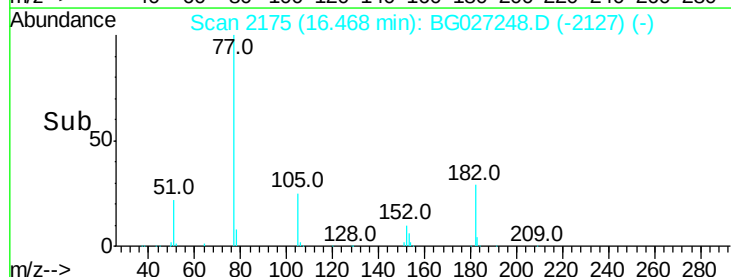
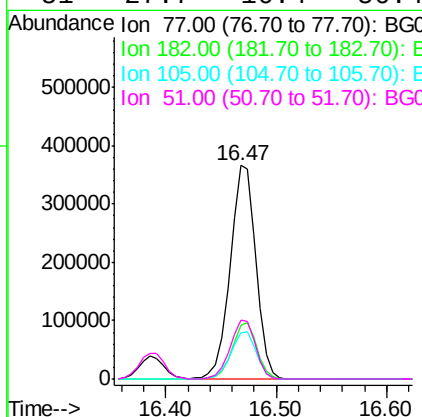
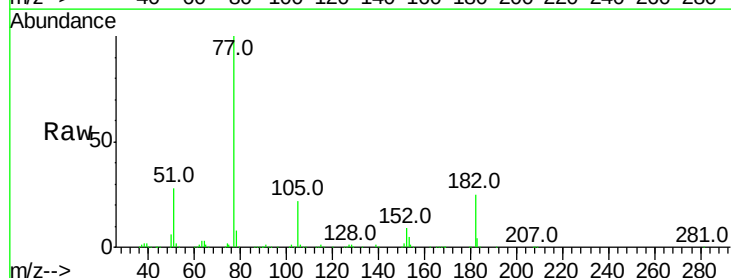
Instrument :
BNA_G
ClientSampled :

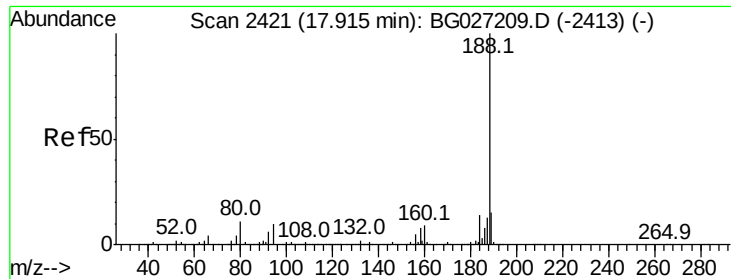
Tot Ion:138 Resp: 125397
Ion Ratio Lower Upper
138 100
92 53.5 44.2 84.2
108 72.1 104.8 144.8#



#62
Azobenzene
Concen: 53.28 ng
RT: 16.47 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BG027248.D
Acq: 6 Jun 2017 14:16

Tgt Ion: 77 Resp: 595533
Ion Ratio Lower Upper
77 100
182 25.3 4.7 44.7
105 21.8 0.0 36.3
51 27.7 16.4 56.4

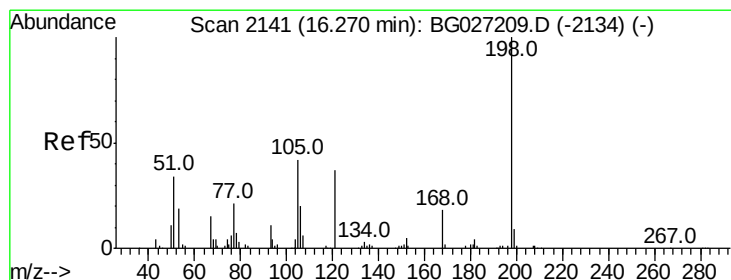
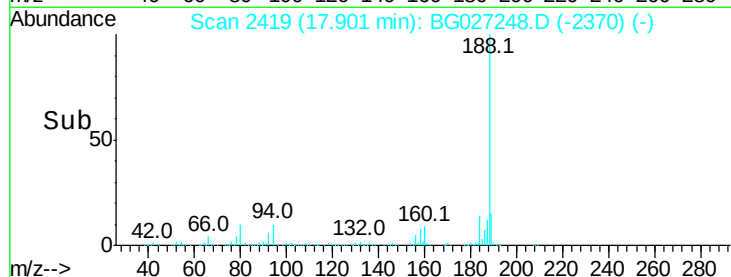
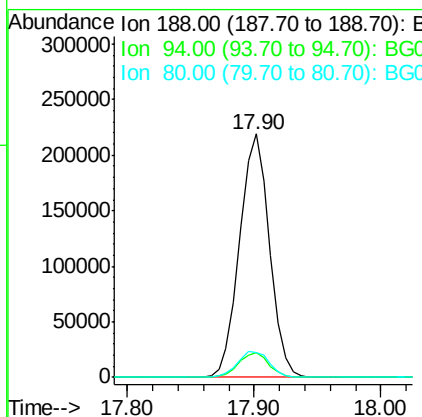
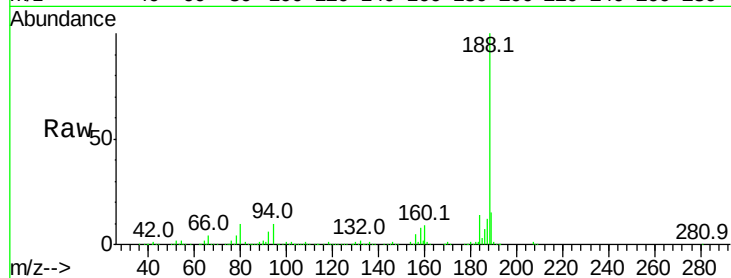




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.90 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BG027248.D
 Acq: 6 Jun 2017 14:16

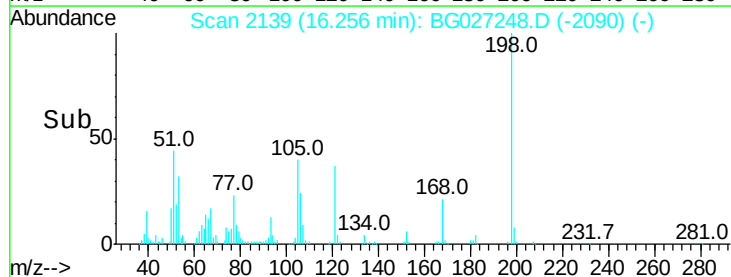
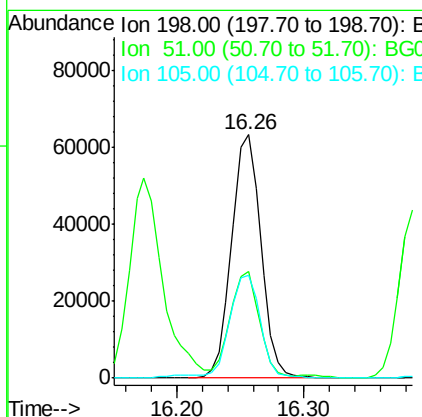
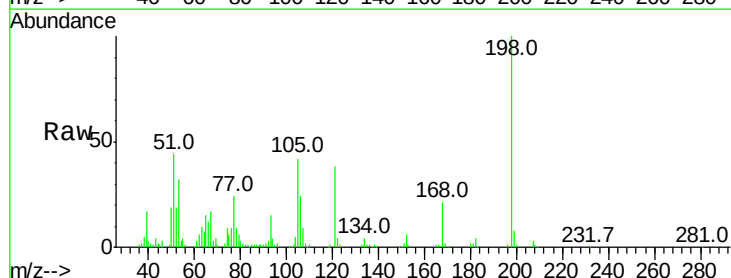
Instrument :
 BNA_G
 ClientSampled :

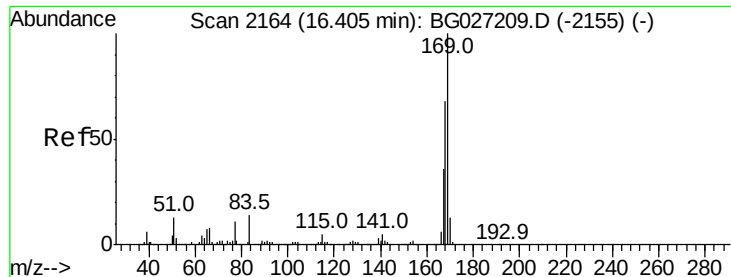
Tot Ion:188 Resp: 357642
 Ion Ratio Lower Upper
 188 100
 94 10.0 5.8 8.8#
 80 10.4 7.5 11.3



#64
 4,6-Dinitro-2-methylphenol
 Concen: 58.83 ng
 RT: 16.26 min Scan# 2139
 Delta R.T. -0.01 min
 Lab File: BG027248.D
 Acq: 6 Jun 2017 14:16

Tgt Ion:198 Resp: 101027
 Ion Ratio Lower Upper
 198 100
 51 44.0 22.6 62.6
 105 42.3 14.4 54.4





#65

n-Nitrosodiphenylamine

Concen: 46.75 ng

RT: 16.39 min Scan# 2161

Delta R.T. -0.02 min

Lab File: BG027248.D

Acq: 6 Jun 2017 14:16

Instrument :

BNA_G

ClientSampleId :

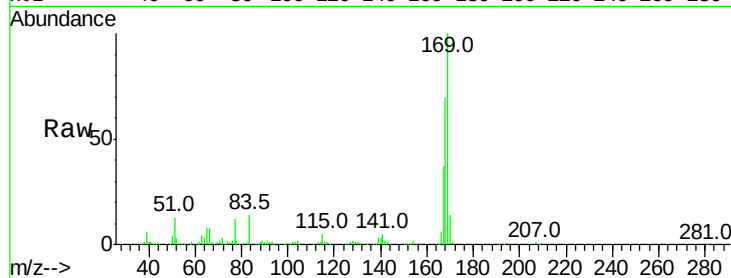
Tot Ion:169 Resp: 524173

Ion Ratio Lower Upper

169 100

168 70.3 55.7 83.5

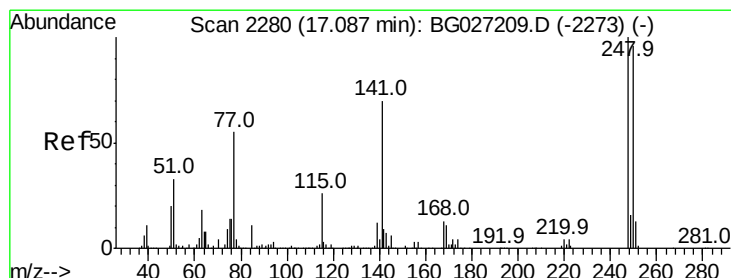
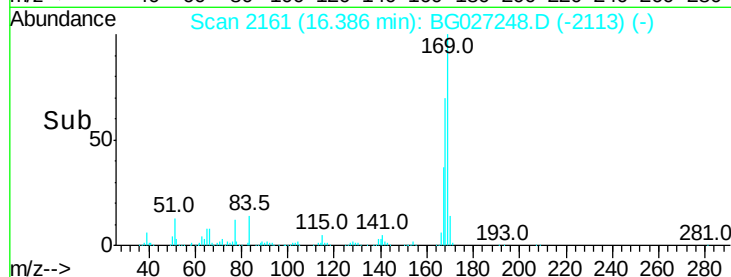
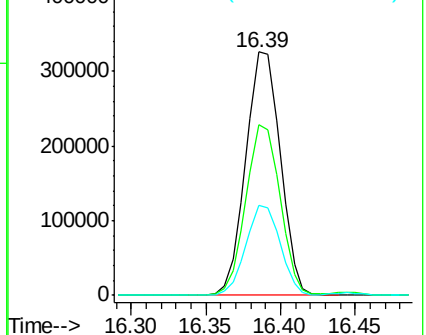
167 36.7 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 47.35 ng

RT: 17.07 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BG027248.D

Acq: 6 Jun 2017 14:16

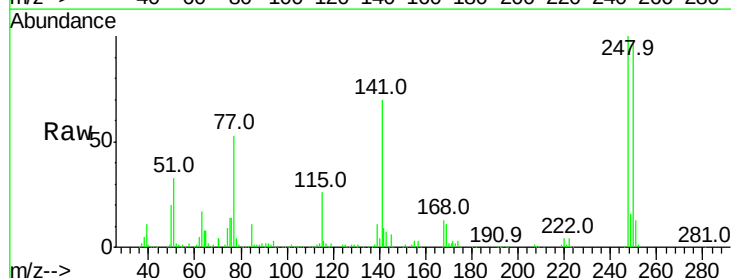
Tgt Ion:248 Resp: 200439

Ion Ratio Lower Upper

248 100

250 96.7 75.0 112.6

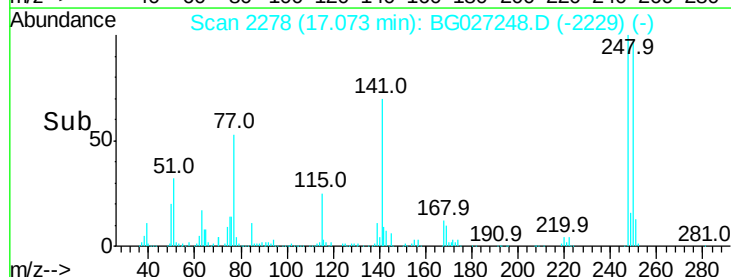
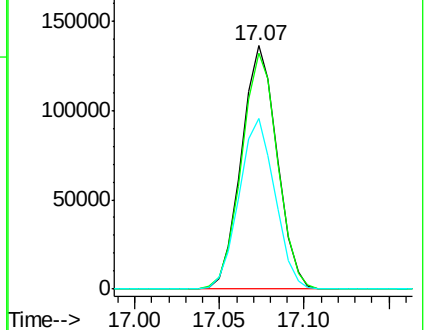
141 70.3 55.2 82.8

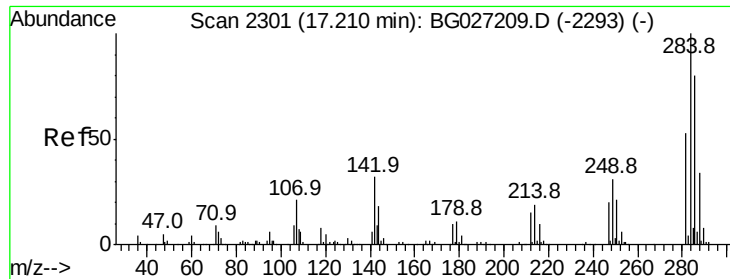


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

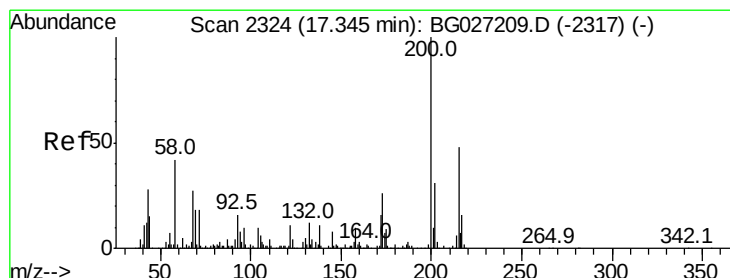
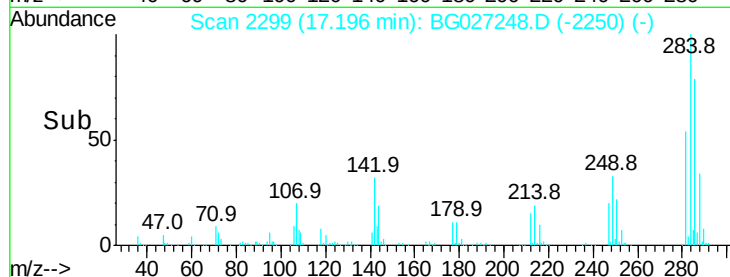
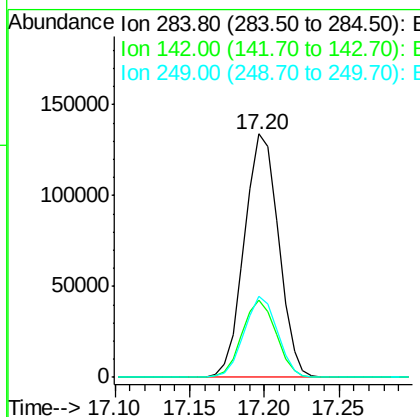
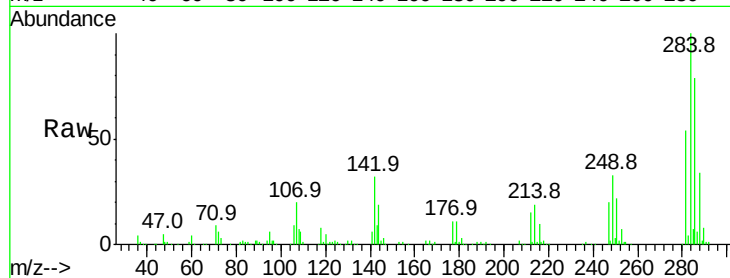




#67
Hexachlorobenzene
Concen: 46.67 ng
RT: 17.20 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BG027248.D
Acq: 6 Jun 2017 14:16

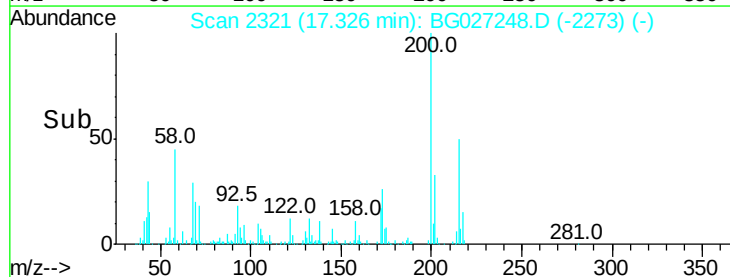
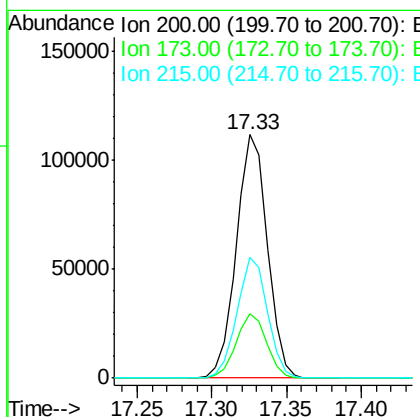
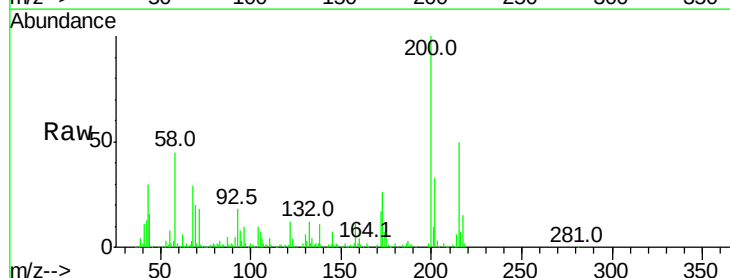
Instrument :
BNA_G
ClientSampleId :

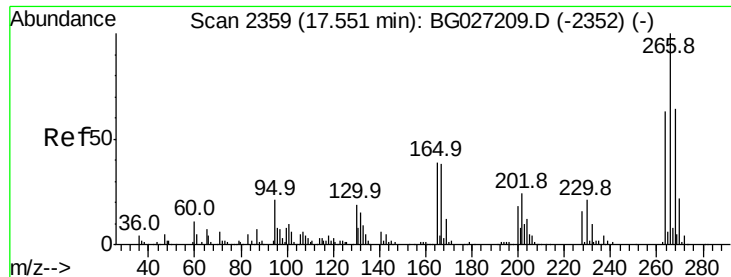
Tot Ion	Ratio	Lower	Upper
284	100		
142	31.6	29.9	44.9
249	33.2	29.2	43.8



#68
Atrazine
Concen: 42.92 ng
RT: 17.33 min Scan# 2321
Delta R.T. -0.02 min
Lab File: BG027248.D
Acq: 6 Jun 2017 14:16

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.3	3.0	43.0
215	49.9	28.4	68.4





#69

Pentachlorophenol

Concen: 101.63 ng

RT: 17.54 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BG027248.D

Acq: 6 Jun 2017 14:16

Instrument :

BNA_G

ClientSampled :

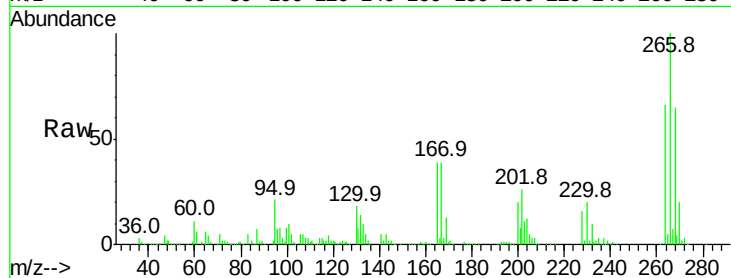
Tot Ion:266 Resp: 271227

Ion Ratio Lower Upper

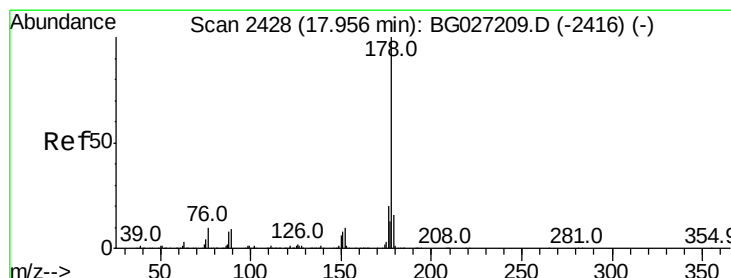
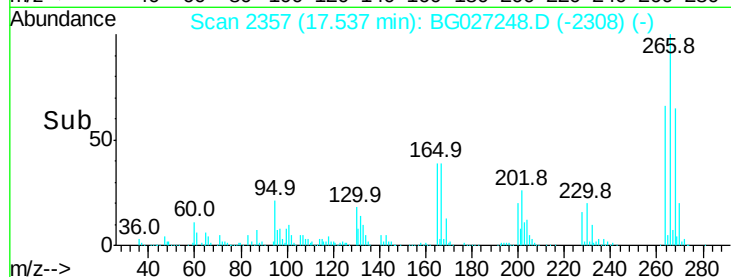
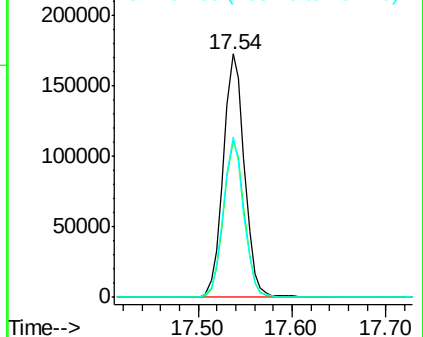
266 100

268 64.5 48.6 72.8

264 65.8 50.1 75.1



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



#70

Phenanthrene

Concen: 47.38 ng

RT: 17.94 min Scan# 2426

Delta R.T. -0.01 min

Lab File: BG027248.D

Acq: 6 Jun 2017 14:16

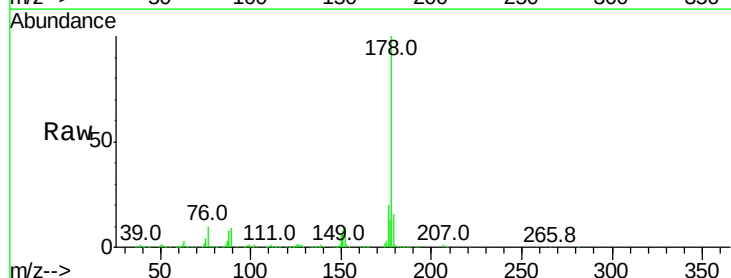
Tgt Ion:178 Resp: 953400

Ion Ratio Lower Upper

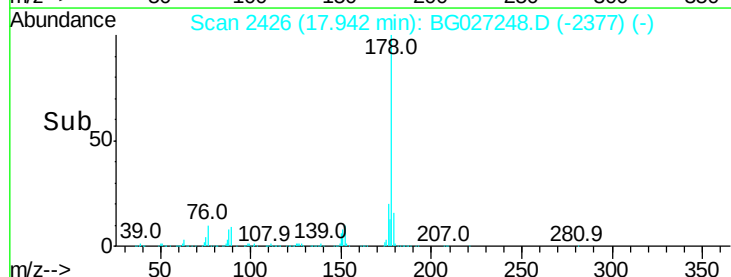
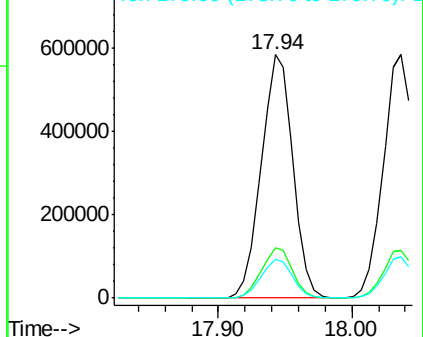
178 100

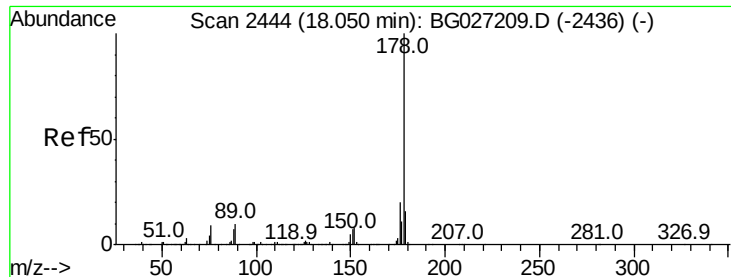
176 20.5 17.7 26.5

179 16.1 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

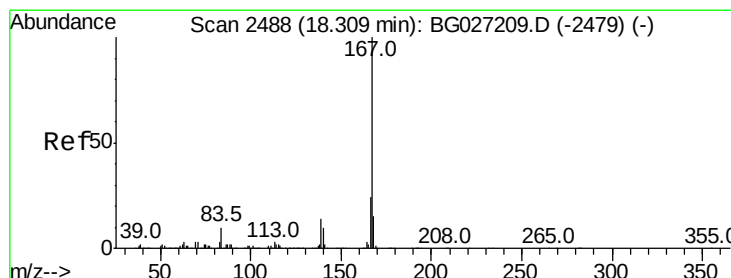
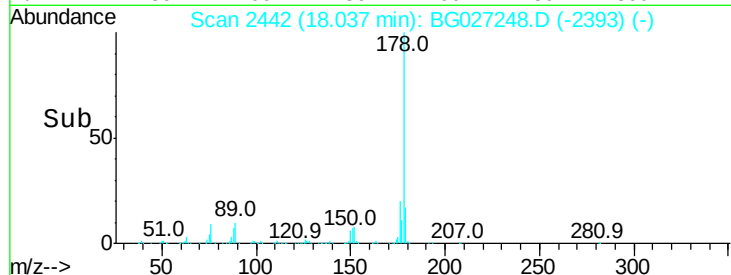
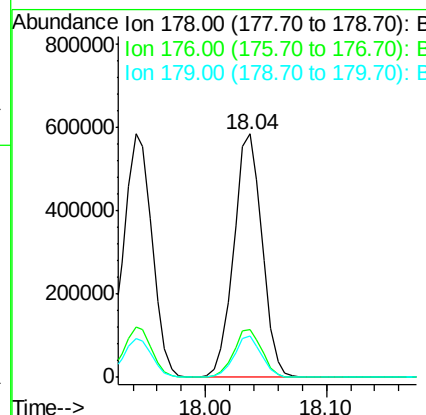
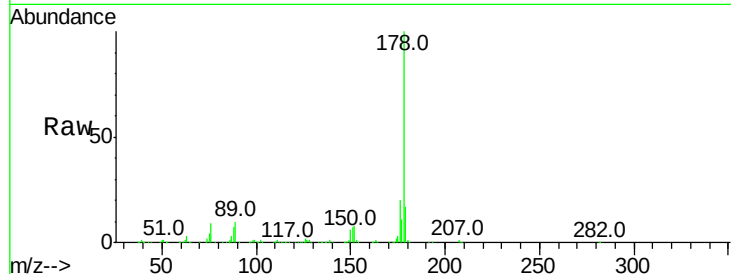




#71
 Anthracene
 Concen: 47.19 ng
 RT: 18.04 min Scan# 2442
 Delta R.T. -0.01 min
 Lab File: BG027248.D
 Acq: 6 Jun 2017 14:16

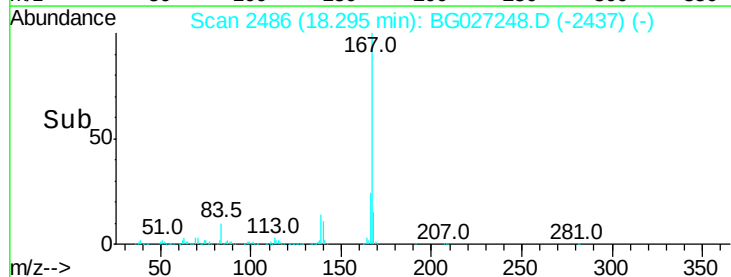
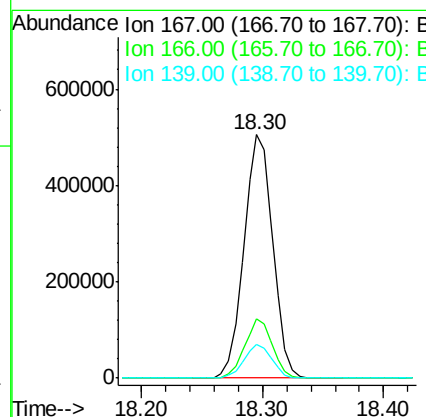
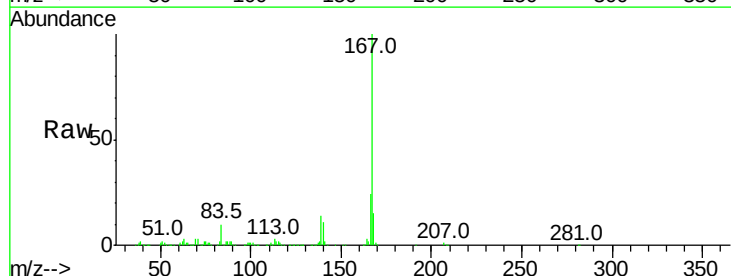
Instrument :
 BNA_G
 ClientSampleId :

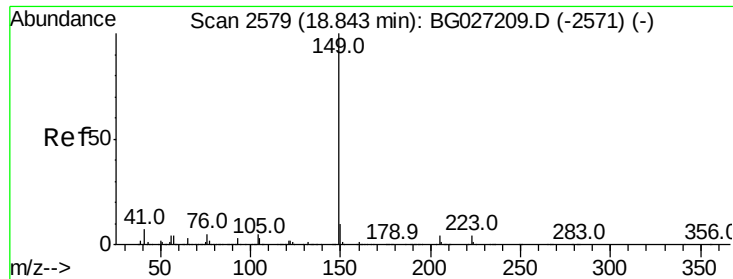
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.4	24.6
179	16.8	13.8	20.8



#72
 Carbazole
 Concen: 44.09 ng
 RT: 18.30 min Scan# 2486
 Delta R.T. -0.01 min
 Lab File: BG027248.D
 Acq: 6 Jun 2017 14:16

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.3	20.2	30.2
139	13.8	12.8	19.2

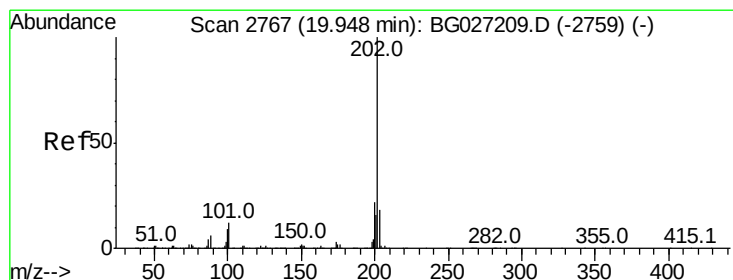
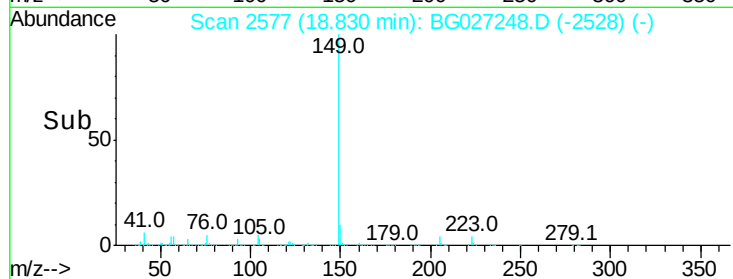
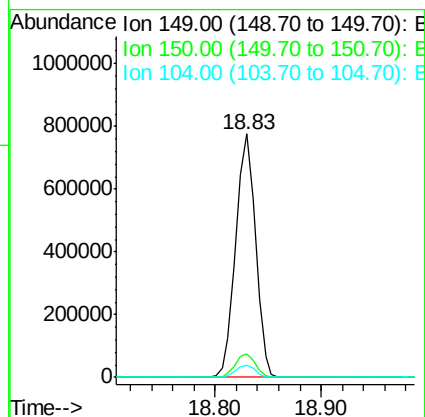
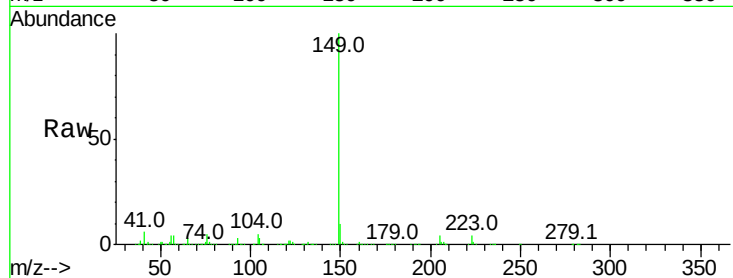




#73
Di-n-butylphthalate
Concen: 54.17 ng
RT: 18.83 min Scan# 2577
Delta R.T. -0.01 min
Lab File: BG027248.D
Acq: 6 Jun 2017 14:16

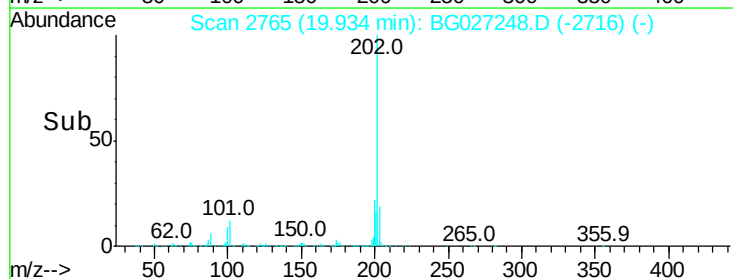
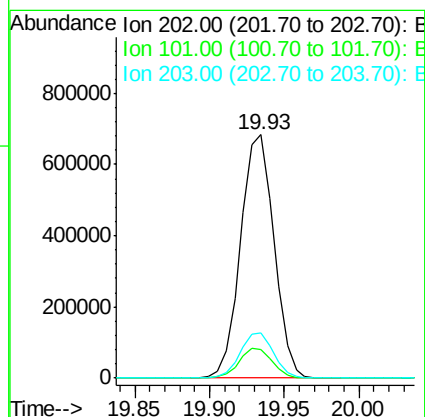
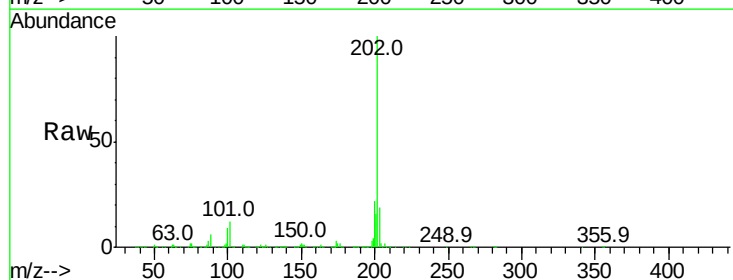
Instrument :
BNA_G
ClientSampleId :

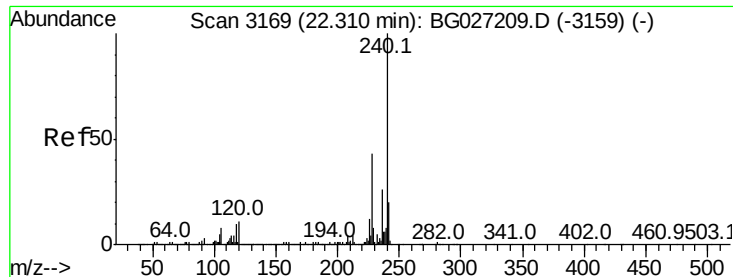
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.9	9.1	13.7
104	5.0	6.7	10.1



#74
Fluoranthene
Concen: 49.30 ng
RT: 19.93 min Scan# 2765
Delta R.T. -0.01 min
Lab File: BG027248.D
Acq: 6 Jun 2017 14:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	30.1
203	18.5	1.3	41.3

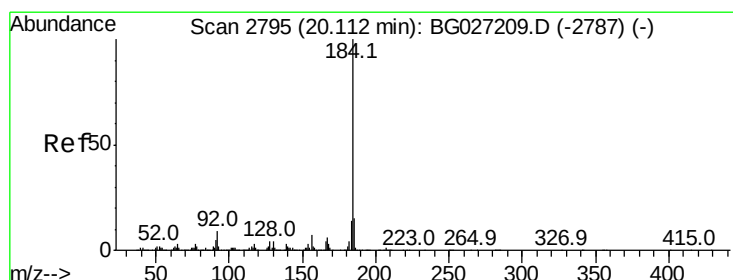
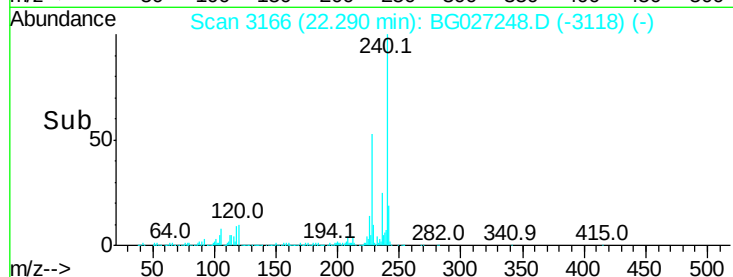
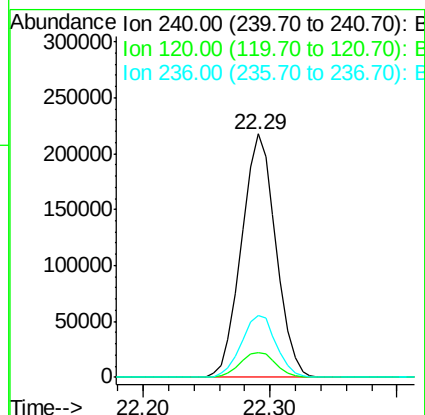
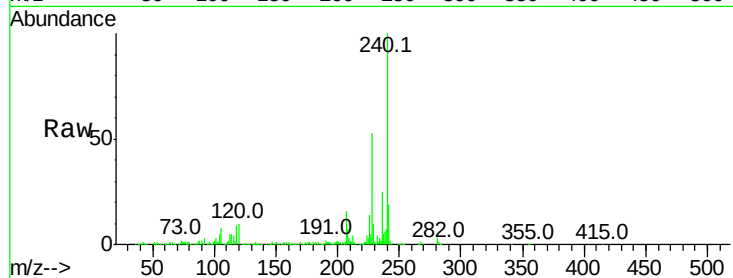




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 22.29 min Scan# 3166
 Delta R.T. -0.02 min
 Lab File: BG027248.D
 Acq: 6 Jun 2017 14:16

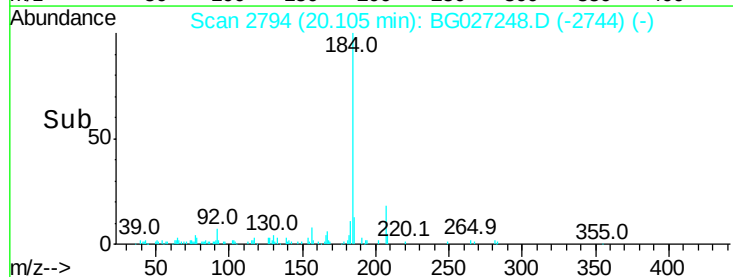
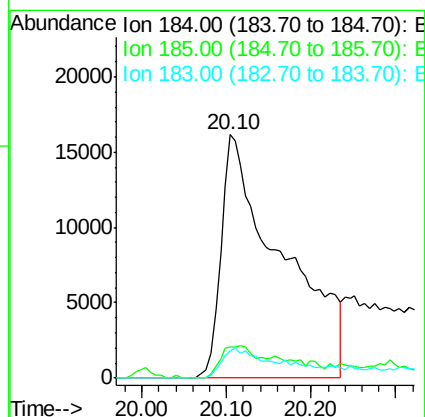
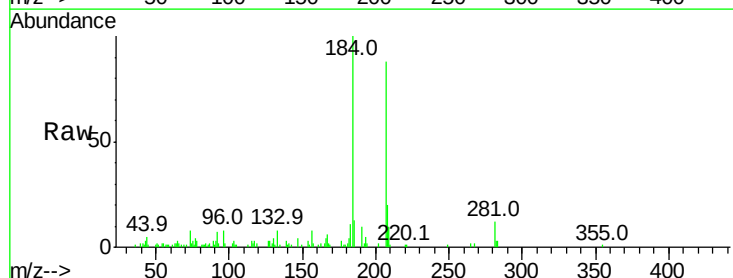
Instrument :
 BNA_G
 ClientSampled :

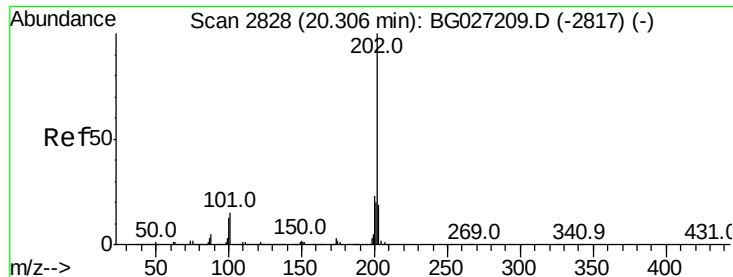
Tot Ion:240 Resp: 408691
 Ion Ratio Lower Upper
 240 100
 120 10.4 5.7 8.5#
 236 25.3 22.2 33.4



#76
 Benzidine
 Concen: 6.53 ng
 RT: 20.10 min Scan# 2794
 Delta R.T. -0.01 min
 Lab File: BG027248.D
 Acq: 6 Jun 2017 14:16

Tgt Ion:184 Resp: 80425
 Ion Ratio Lower Upper
 184 100
 185 12.6 13.0 19.6#
 183 11.1 11.0 16.6





#77

Pvrene

Concen: 44.32 ng

RT: 20.29 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BG027248.D

Acq: 6 Jun 2017 14:16

Instrument :

BNA_G

ClientSampleId :

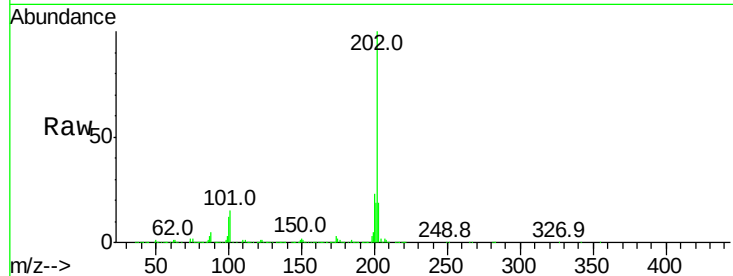
Tot Ion:202 Resp: 1094349

Ion Ratio Lower Upper

202 100

200 22.8 19.6 29.4

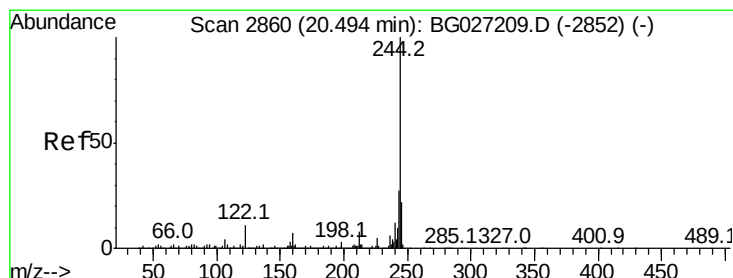
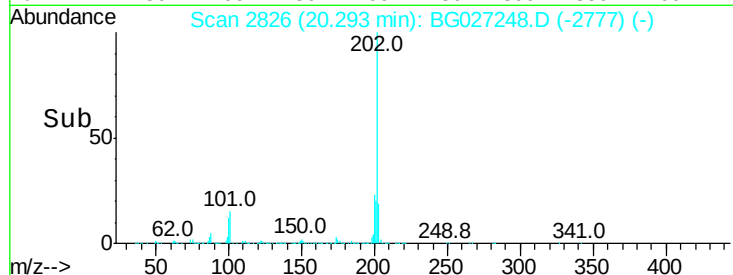
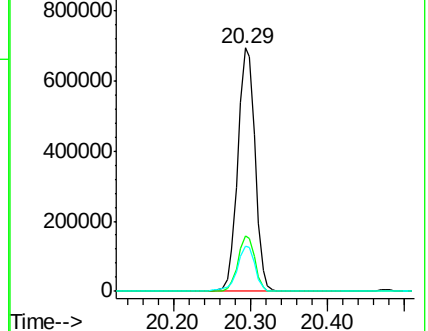
203 18.7 15.8 23.8



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: 97.27 ng

RT: 20.47 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG027248.D

Acq: 6 Jun 2017 14:16

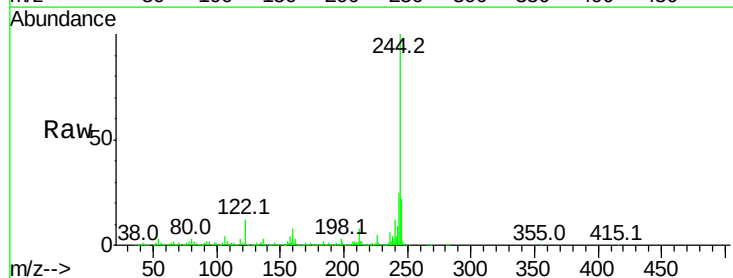
Tgt Ion:244 Resp: 1558361

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

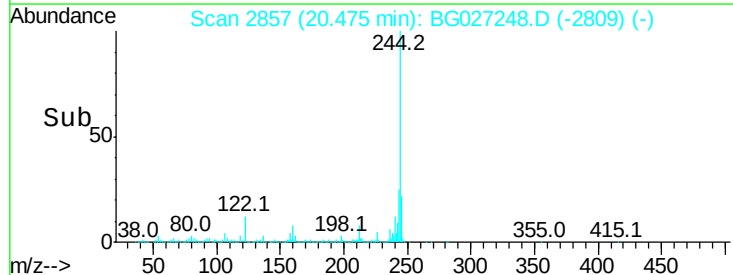
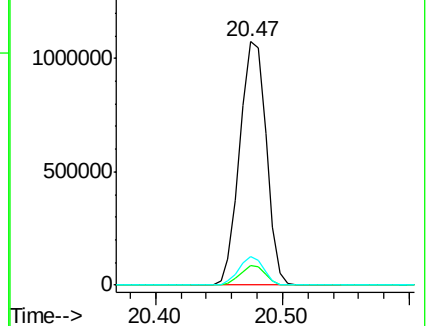
122 11.7 8.6 12.8

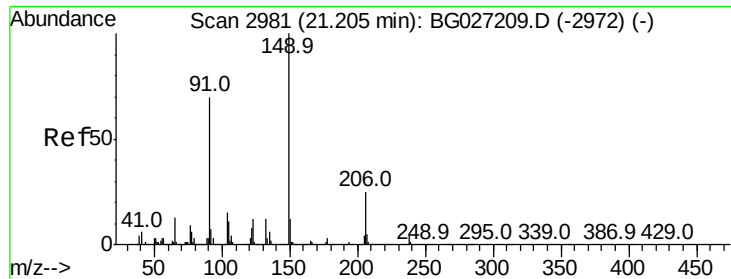


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

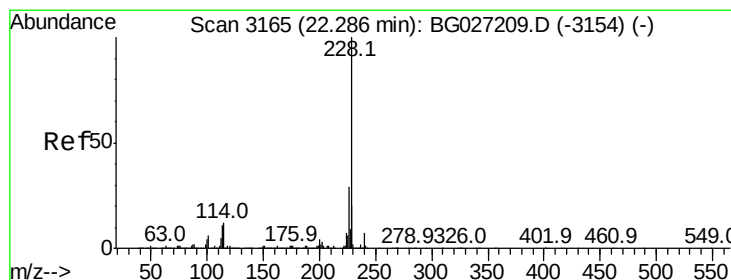
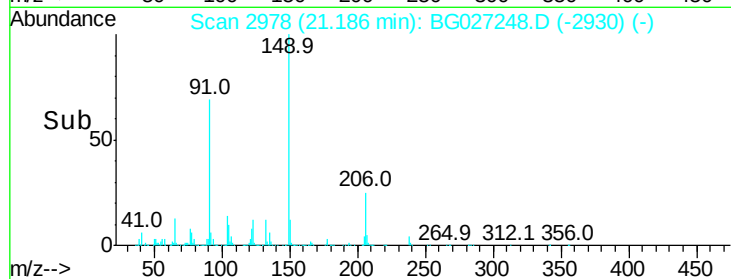
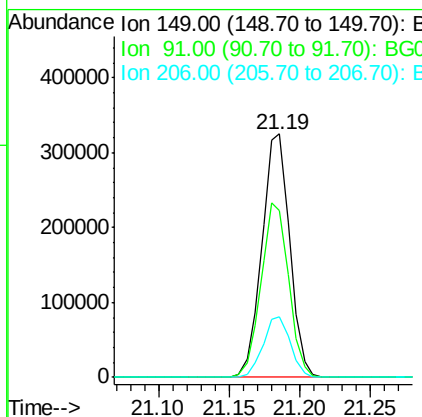
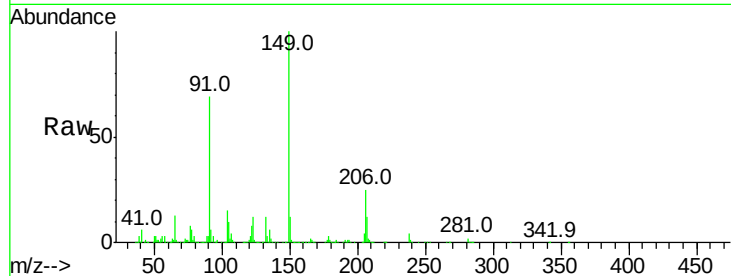




#79
Butylbenzylphthalate
Concen: 51.66 ng
RT: 21.19 min Scan# 2978
Delta R.T. -0.02 min
Lab File: BG027248.D
Acq: 6 Jun 2017 14:16

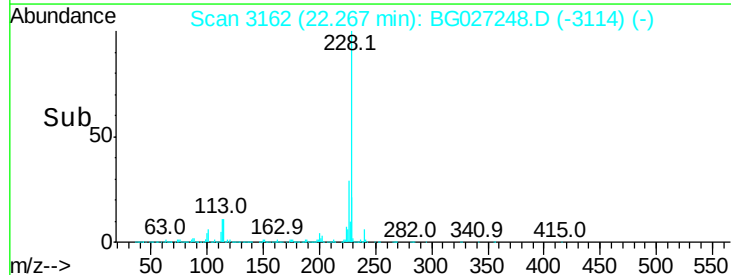
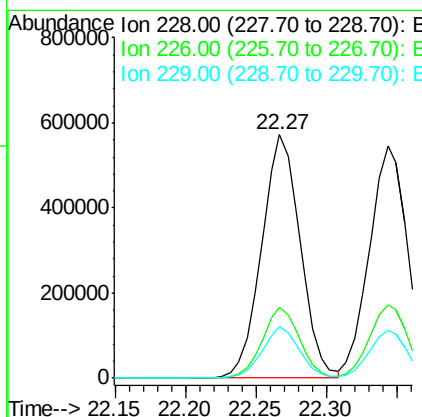
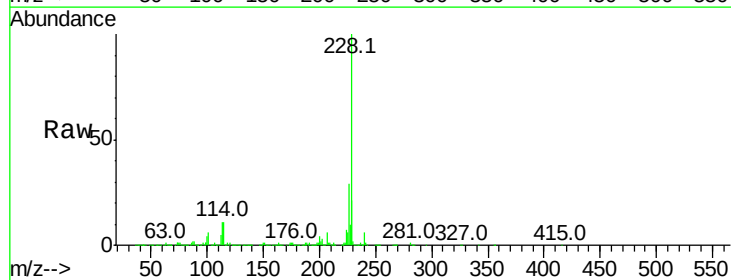
Instrument :
BNA_G
ClientSampleId :

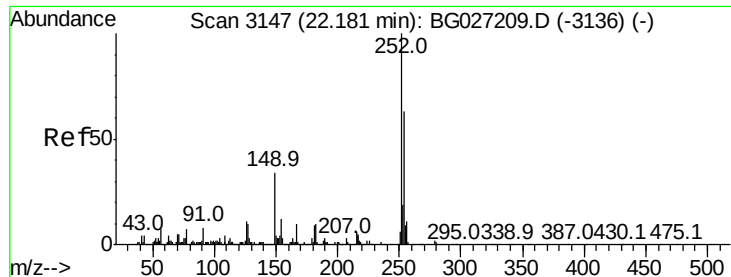
Tot Ion:149 Resp: 450759
Ion Ratio Lower Upper
149 100
91 68.6 63.5 95.3
206 24.8 21.0 31.6



#80
Benzo(a)anthracene
Concen: 47.01 ng
RT: 22.27 min Scan# 3162
Delta R.T. -0.02 min
Lab File: BG027248.D
Acq: 6 Jun 2017 14:16

Tgt Ion:228 Resp: 1095695
Ion Ratio Lower Upper
228 100
226 28.9 24.9 37.3
229 21.3 18.2 27.2

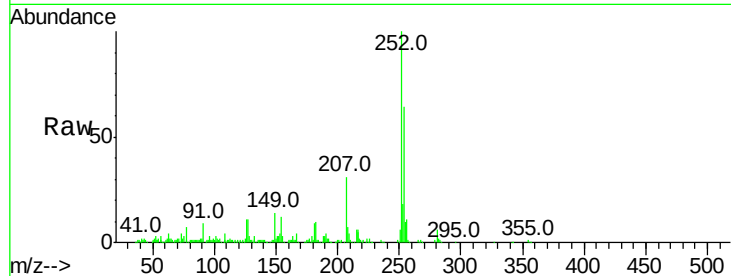




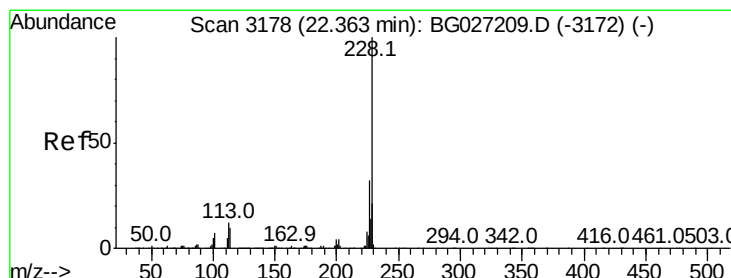
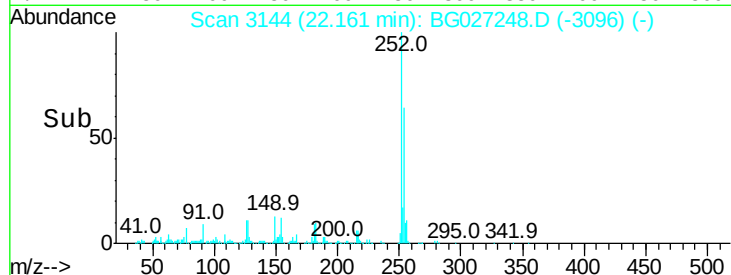
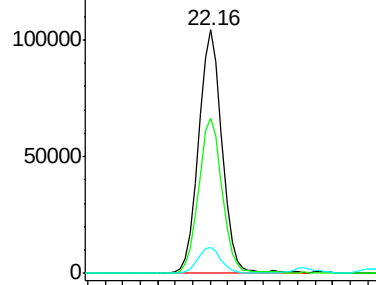
#81
 3,3'-Dichlorobenzidine
 Concen: 21.05 ng
 RT: 22.16 min Scan# 3144
 Delta R.T. -0.02 min
 Lab File: BG027248.D
 Acq: 6 Jun 2017 14:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	53.1	79.7
126	10.9	7.0	10.4

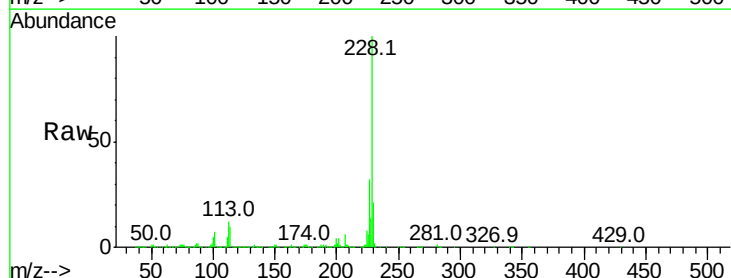


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

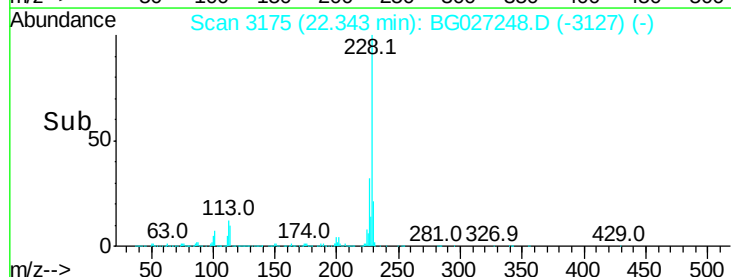
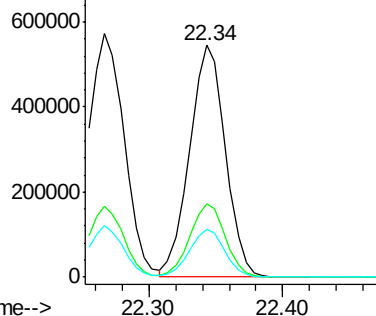


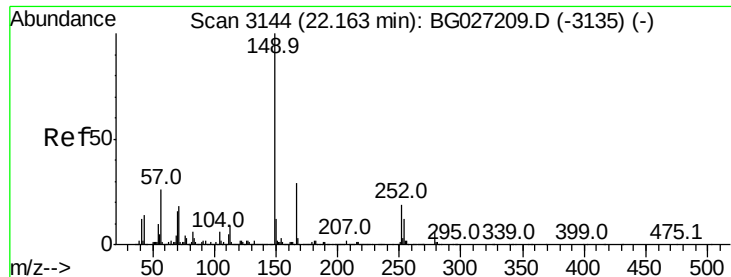
#82
 Chrysene
 Concen: 45.63 ng
 RT: 22.34 min Scan# 3175
 Delta R.T. -0.02 min
 Lab File: BG027248.D
 Acq: 6 Jun 2017 14:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	27.0	40.4
229	20.7	17.8	26.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.71 ng

RT: 22.14 min Scan# 3140

Delta R.T. -0.03 min

Lab File: BG027248.D

Acq: 6 Jun 2017 14:16

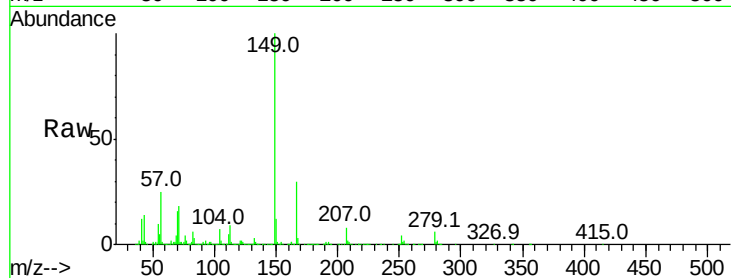
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 642256

Ion	Ratio	Lower	Upper
149	100		
167	29.7	23.7	35.5
279	5.6	4.6	6.8

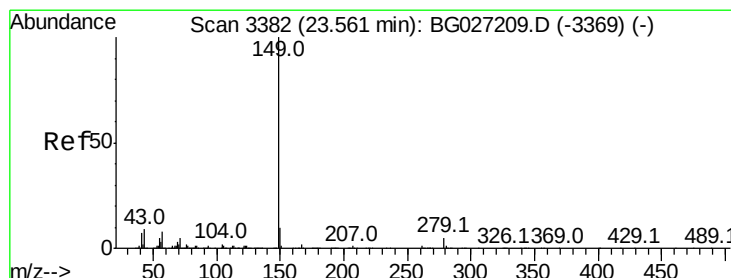
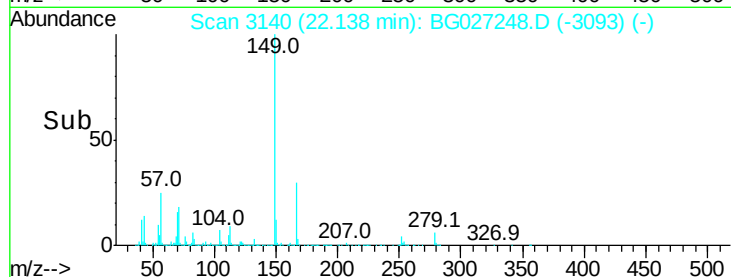
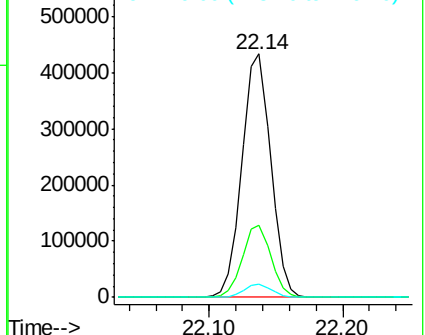


Abundance

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: 50.06 ng

RT: 23.52 min Scan# 3376

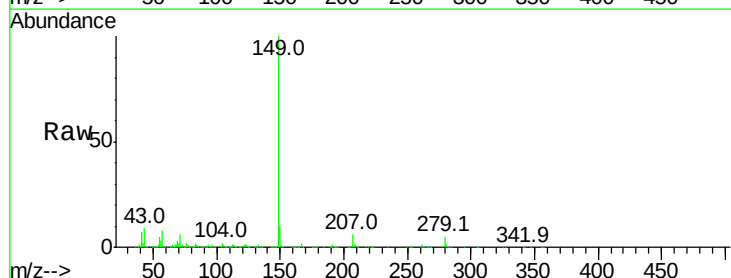
Delta R.T. -0.04 min

Lab File: BG027248.D

Acq: 6 Jun 2017 14:16

Tgt Ion:149 Resp: 1093342

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	9.2	11.8	17.6

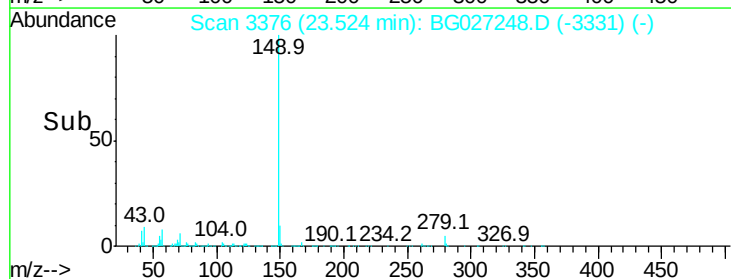
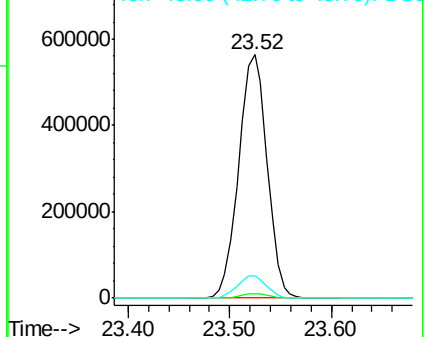


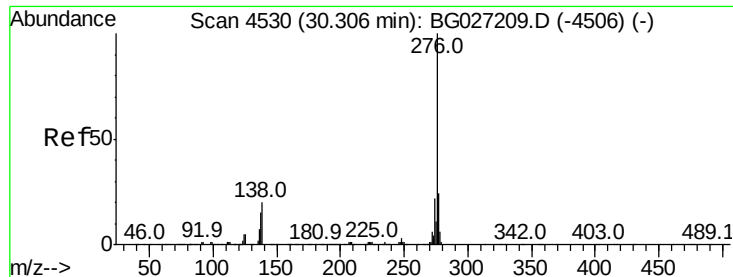
Abundance

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: 47.43 ng

RT: 30.26 min Scan# 4522

Delta R.T. -0.05 min

Lab File: BG027248.D

Acq: 6 Jun 2017 14:16

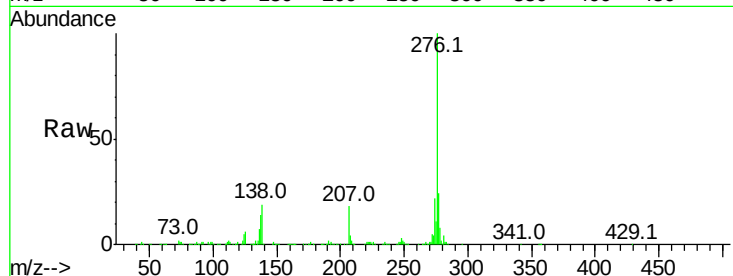
Instrument :

BNA_G

ClientSampled :

Tot Ion:276 Resp: 1285315

Ion	Ratio	Lower	Upper
276	100		
138	15.9	4.7	7.1#
277	26.3	20.6	31.0

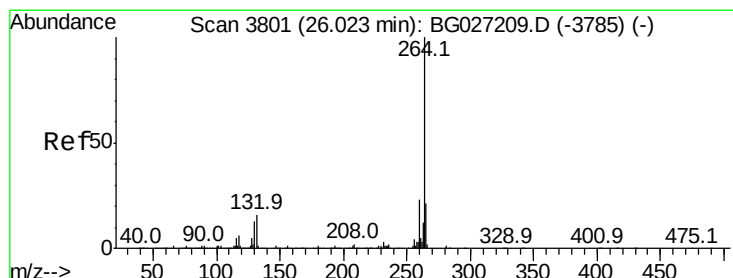
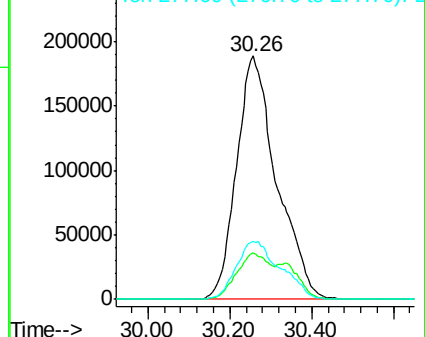
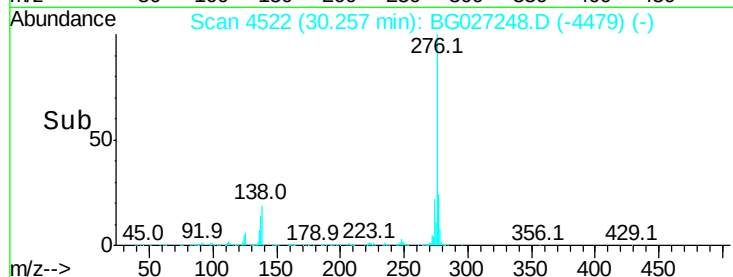


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.99 min Scan# 3795

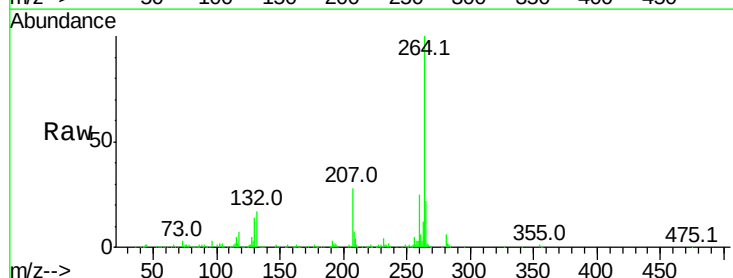
Delta R.T. -0.04 min

Lab File: BG027248.D

Acq: 6 Jun 2017 14:16

Tgt Ion:264 Resp: 370408

Ion	Ratio	Lower	Upper
264	100		
260	25.3	21.8	32.8
265	22.1	18.2	27.4

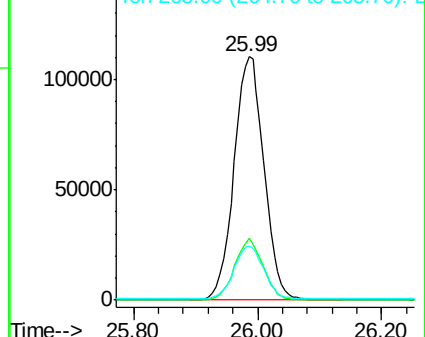
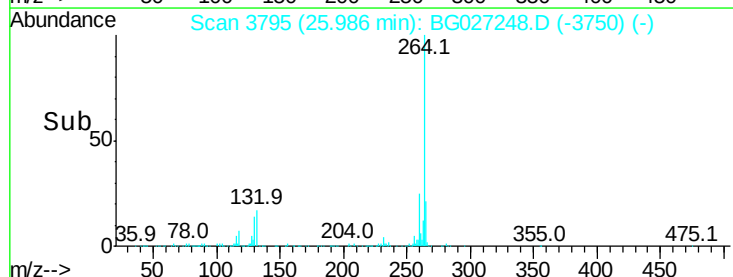


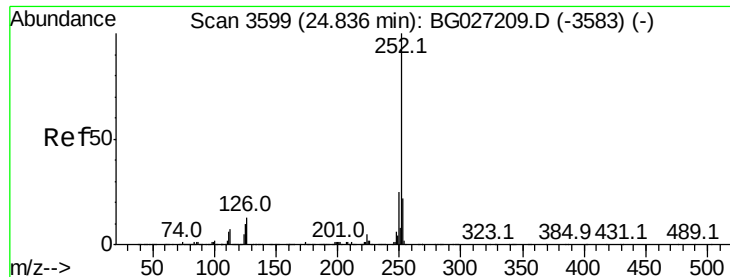
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 48.69 ng

RT: 24.81 min Scan# 3594

Delta R.T. -0.03 min

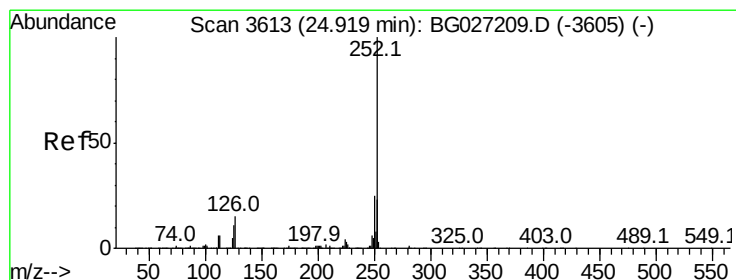
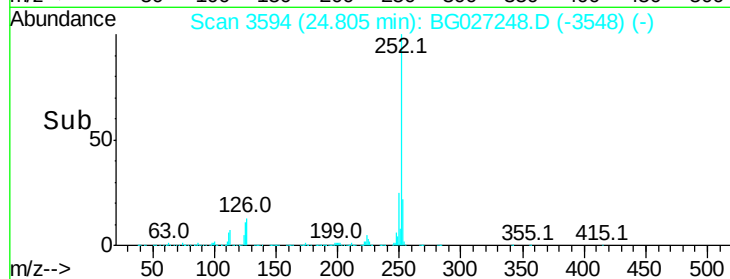
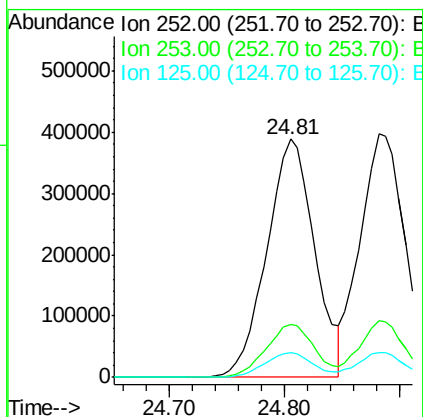
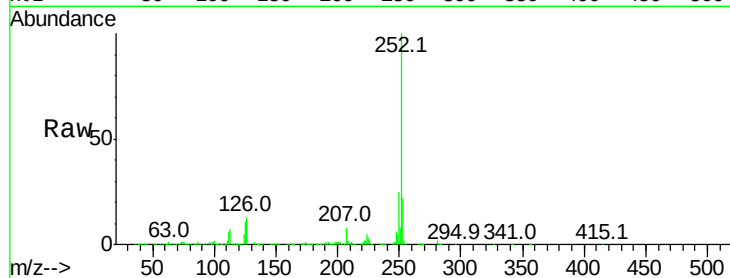
Lab File: BG027248.D

Acq: 6 Jun 2017 14:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 1118453

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.7	28.1
125	10.5	5.3	7.9#



#88

Benzo(k)fluoranthene

Concen: 47.69 ng

RT: 24.88 min Scan# 3607

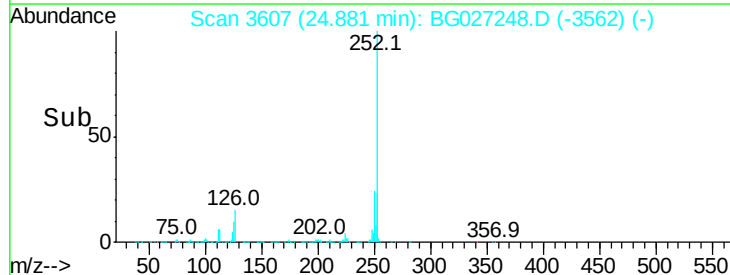
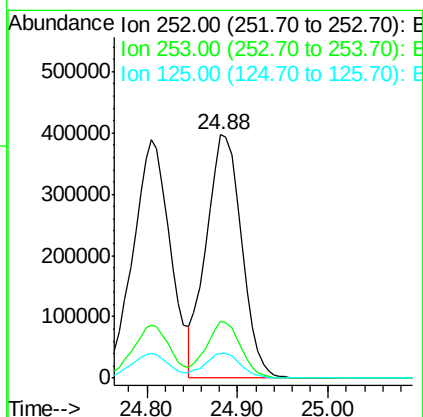
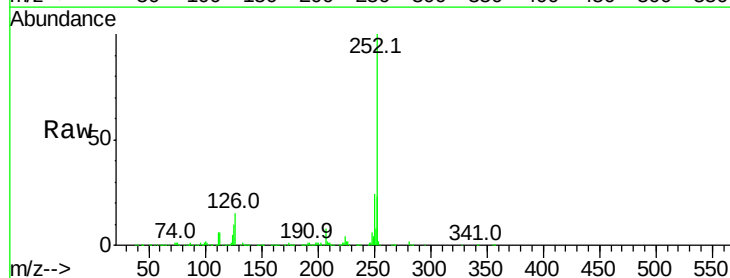
Delta R.T. -0.04 min

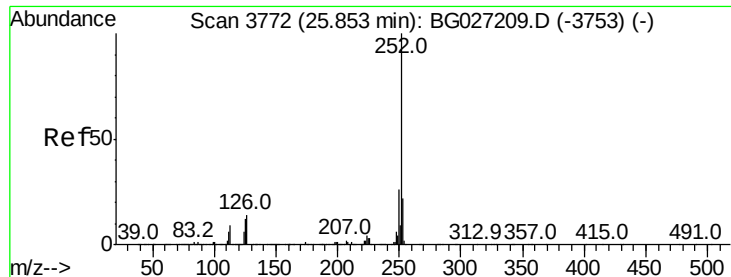
Lab File: BG027248.D

Acq: 6 Jun 2017 14:16

Tgt Ion:252 Resp: 1074890

Ion	Ratio	Lower	Upper
252	100		
253	23.1	20.2	30.2
125	10.4	5.1	7.7#

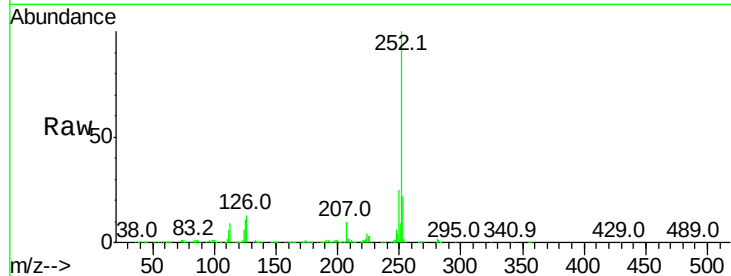




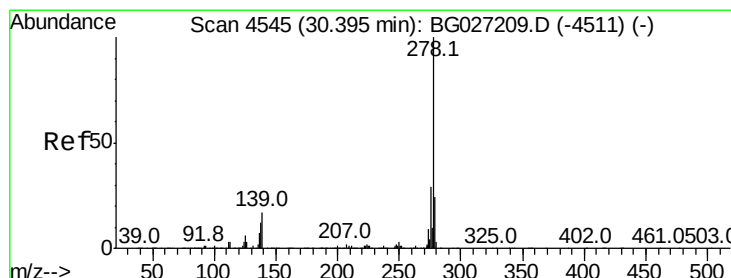
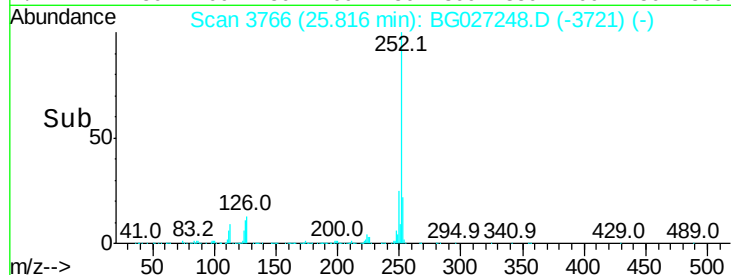
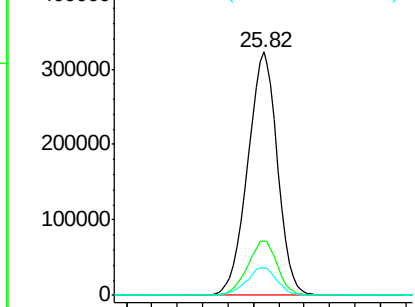
#89
Benzo(a)pyrene
Concen: 48.85 ng
RT: 25.82 min Scan# 3766
Delta R.T. -0.04 min
Lab File: BG027248.D
Acq: 6 Jun 2017 14:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 1056382
Ion Ratio Lower Upper
252 100
253 22.3 19.2 28.8
125 11.3 5.4 8.0#

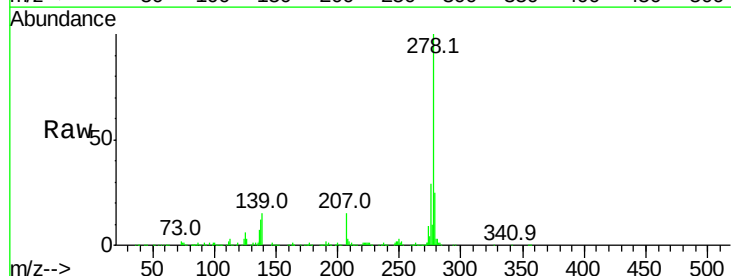


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

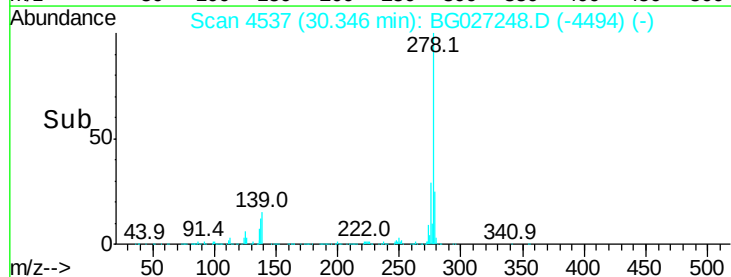
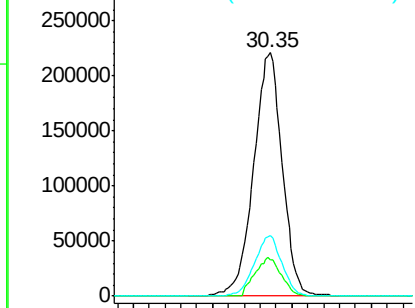


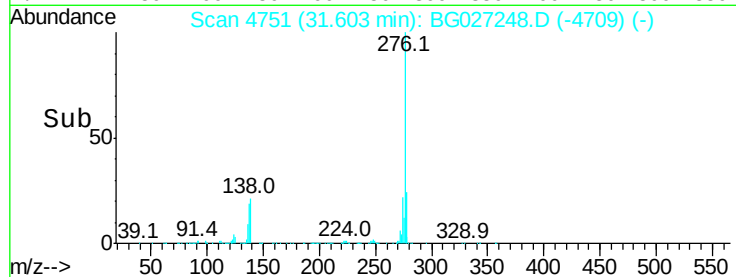
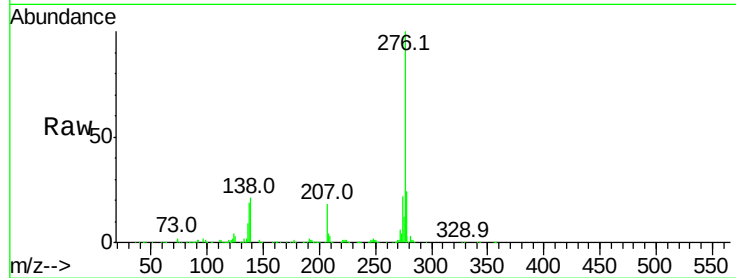
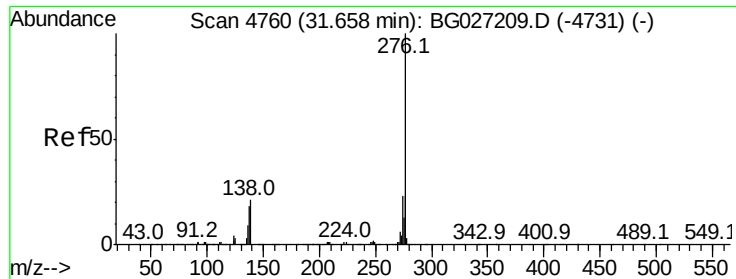
#90
Dibenzo(a,h)anthracene
Concen: 49.01 ng
RT: 30.35 min Scan# 4537
Delta R.T. -0.05 min
Lab File: BG027248.D
Acq: 6 Jun 2017 14:16

Tgt Ion:278 Resp: 1109428
Ion Ratio Lower Upper
278 100
139 14.7 7.7 11.5#
279 24.7 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: 47.74 ng

RT: 31.60 min Scan# 4751

Delta R.T. -0.05 min

Lab File: BG027248.D

Acq: 6 Jun 2017 14:16

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1046729

Ion Ratio Lower Upper

276 100

277 23.7 18.6 27.8

138 20.6 8.1 12.1#

