

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060617\
 Data File : BG027239.D
 Acq On : 6 Jun 2017 8:23
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 06 18:02:11 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	59943	20.00	ng	0.00
21) Naphthalene-d8	11.39	136	286189	20.00	ng	0.00
38) Acenaphthene-d10	15.15	164	172860	20.00	ng	0.00
63) Phenanthrene-d10	17.90	188	373246	20.00	ng	-0.01
75) Chrysene-d12	22.30	240	430824	20.00	ng	-0.01
86) Perylene-d12	26.00	264	401078	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.15	112	332094	84.54	ng	0.00
7) Phenol-d6	7.70	99	489034	84.81	ng	0.00
23) Nitrobenzene-d5	9.74	82	417845	91.82	ng	0.00
41) 2,4,6-Tribromophenol	16.63	330	194956	85.65	ng	-0.01
44) 2-Fluorobiphenyl	13.78	172	1022723	82.77	ng	0.00
78) Terphenyl-d14	20.48	244	1345264	79.66	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	4.17	88	64599	39.66	ng	# 78
3) Pyridine	4.55	79	203697	40.57	ng	# 71
4) n-Nitrosodimethylamine	4.45	42	79611	42.82	ng	# 56
6) Aniline	7.90	93	300927	41.44	ng	92
8) 2-Chlorophenol	8.14	128	175341	42.27	ng	86
9) Benzaldehyde	7.71	77	166378	41.73	ng	88
10) Phenol	7.73	94	245852	41.69	ng	# 75
11) bis(2-Chloroethyl)ether	7.98	93	195362	40.38	ng	# 83
12) 1,3-Dichlorobenzene	8.47	146	190358	40.69	ng	# 91
13) 1,4-Dichlorobenzene	8.61	146	197028	41.04	ng	97
14) 1,2-Dichlorobenzene	8.93	146	191530	40.90	ng	93
15) Benzyl Alcohol	8.80	79	168602	41.50	ng	# 83
16) 2,2'-oxybis(1-Chloropropan	9.08	45	276783	39.99	ng	90
17) 2-Methylphenol	8.98	107	169297	40.62	ng	# 85
18) Hexachloroethane	9.66	117	69081	42.71	ng	87
19) n-Nitroso-di-n-propylamine	9.36	70	162228	40.22	ng	# 85
20) 3+4-Methylphenols	9.31	107	237826	41.19	ng	89
22) Acetophenone	9.39	105	302772	41.37	ng	# 81
24) Nitrobenzene	9.78	77	228268	44.03	ng	# 84
25) Isophorone	10.31	82	430554	40.24	ng	# 94
26) 2-Nitrophenol	10.49	139	97823	46.10	ng	# 77
27) 2,4-Dimethylphenol	10.53	122	192773	41.90	ng	90
28) bis(2-Chloroethoxy)methane	10.77	93	278968	40.26	ng	98
29) 2,4-Dichlorophenol	11.02	162	178874	42.59	ng	97
30) 1,2,4-Trichlorobenzene	11.25	180	193121	41.52	ng	98
31) Naphthalene	11.44	128	629306	40.23	ng	99
32) Benzoic acid	10.63	122	126040	41.01	ng	# 85
33) 4-Chloroaniline	11.54	127	260938	40.04	ng	# 87
34) Hexachlorobutadiene	11.72	225	119200	41.70	ng	98
35) Caprolactam	12.32	113	61383	42.61	ng	# 65
36) 4-Chloro-3-methylphenol	12.61	107	213810	40.62	ng	91
37) 2-Methylnaphthalene	13.23	142	427671	37.48	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.36	216	227045	42.16	ng	99
40) Hexachlorocyclopentadiene	13.34	237	119876	41.82	ng	97

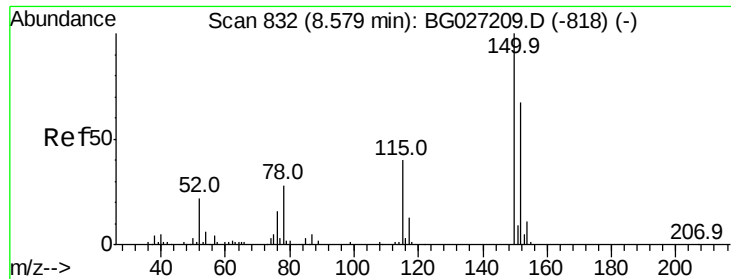
Data Path : Z:\HPCHEM1\BNA G\DATA\BG060617\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.59	196	146034	44.71	nq	96
43) 2,4,5-Trichlorophenol	13.66	196	161134	44.09	nq	94
45) 1,1'-Biphenyl	13.99	154	583861	41.38	nq	97
46) 2-Chloronaphthalene	14.04	162	441215	41.71	nq	98
47) 2-Nitroaniline	14.23	65	130833	44.13	nq	# 76
48) Acenaphthylene	14.88	152	735046	41.06	nq	99
49) Dimethylphthalate	14.59	163	541986	39.52	nq	98
50) 2,6-Dinitrotoluene	14.71	165	115755	42.31	nq	# 76
51) Acenaphthene	15.22	154	471313	40.47	nq	98
52) 3-Nitroaniline	15.05	138	118557	41.46	nq	85
53) 2,4-Dinitrophenol	15.24	184	37570	37.95	nq	# 22
54) Dibenzofuran	15.55	168	646054	39.70	nq	92
55) 4-Nitrophenol	15.32	139	99330	41.54	nq	# 54
56) 2,4-Dinitrotoluene	15.49	165	150912	43.17	nq	# 85
57) Fluorene	16.20	166	572626	39.62	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.76	232	136879	41.95	nq	100
59) Diethylphthalate	15.95	149	533334	38.99	nq	98
60) 4-Chlorophenyl-phenylether	16.18	204	287376	39.47	nq	93
61) 4-Nitroaniline	16.20	138	119852	41.45	nq	# 64
62) Azobenzene	16.47	77	507037	40.00	nq	90
64) 4,6-Dinitro-2-methylphenol	16.26	198	73524	45.32	nq	92
65) n-Nitrosodiphenylamine	16.39	169	482110	41.20	nq	99
66) 4-Bromophenyl-phenylether	17.07	248	181360	41.05	nq	95
67) Hexachlorobenzene	17.20	284	192831	40.58	nq	# 90
68) Atrazine	17.33	200	164576	42.06	nq	96
69) Pentachlorophenol	17.54	266	113832	40.87	nq	98
70) Phenanthrene	17.95	178	843826	40.18	nq	95
71) Anthracene	18.04	178	856174	40.70	nq	99
72) Carbazole	18.30	167	815290	41.09	nq	96
73) Di-n-butylphthalate	18.83	149	846170	43.98	nq	# 94
74) Fluoranthene	19.93	202	954823	42.56	nq	95
76) Benzidine	20.10	184	493881	38.06	nq	98
77) Pyrene	20.30	202	998445	38.36	nq	96
79) Butylbenzylphthalate	21.19	149	381269	41.45	nq	91
80) Benzo(a)anthracene	22.27	228	1007103	40.99	nq	96
81) 3,3'-Dichlorobenzidine	22.17	252	394933	41.32	nq	97
82) Chrysene	22.35	228	952615	40.38	nq	97
83) Bis(2-ethylhexyl)phthalate	22.14	149	558655	40.19	nq	98
84) Di-n-octyl phthalate	23.53	149	934397	40.59	nq	# 88
85) Indeno(1,2,3-cd)pyrene	30.27	276	1159907	40.60	nq	# 94
87) Benzo(b)fluoranthene	24.81	252	1033424	41.55	nq	# 97
88) Benzo(k)fluoranthene	24.89	252	989166	40.53	nq	# 92
89) Benzo(a)pyrene	25.82	252	961696	41.07	nq	# 94
90) Dibenzo(a,h)anthracene	30.36	278	1019150	41.58	nq	# 95
91) Benzo(g,h,i)perylene	31.62	276	968575	40.80	nq	# 91

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

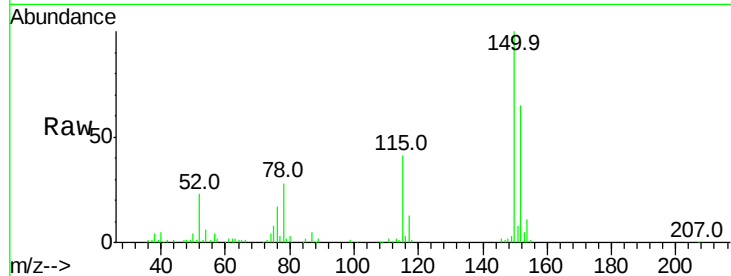


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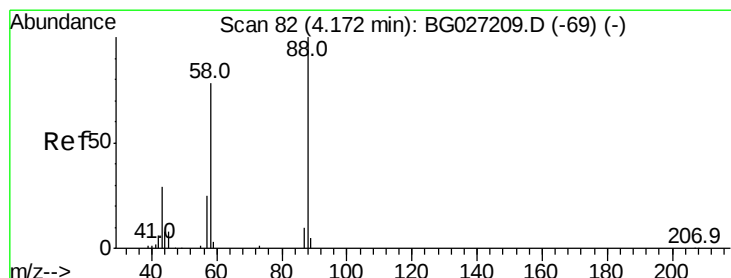
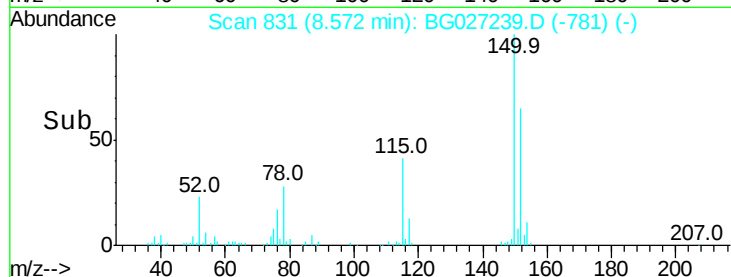
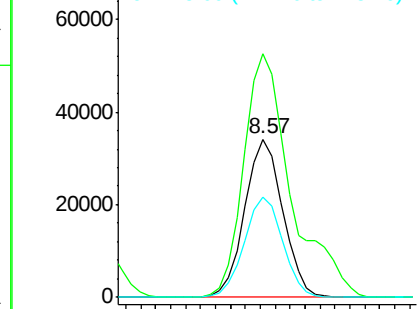
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.57 min Scan# 831
Delta R.T. -0.01 min
Lab File: BG027239.D
Acq: 6 Jun 2017 8:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 59943
Ion Ratio Lower Upper
152 100
150 154.3 114.0 171.0
115 63.5 48.1 72.1



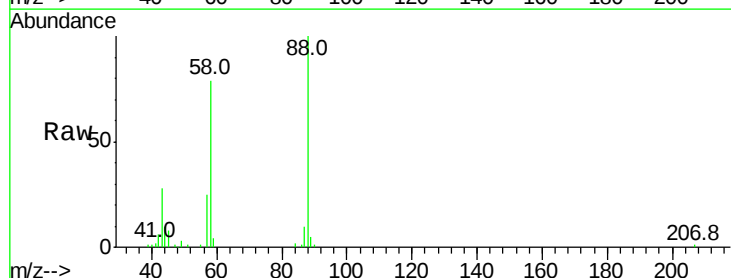
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



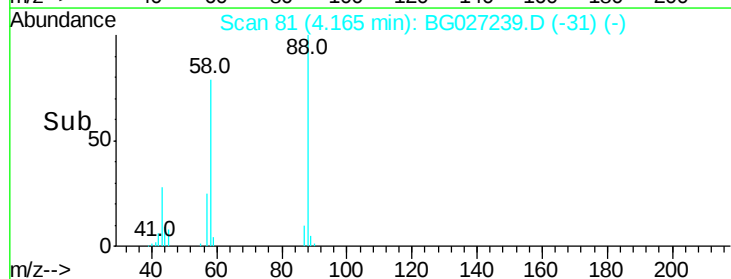
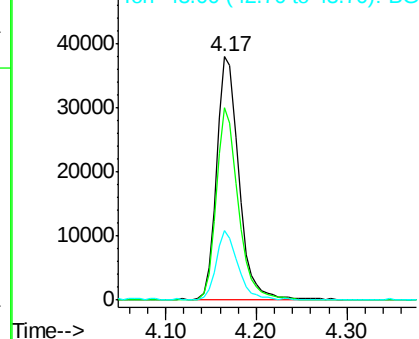
#2

1,4-Dioxane
Concen: 39.66 ng
RT: 4.17 min Scan# 81
Delta R.T. -0.01 min
Lab File: BG027239.D
Acq: 6 Jun 2017 8:23

Tgt Ion: 88 Resp: 64599
Ion Ratio Lower Upper
88 100
58 77.4 79.4 119.2#
43 27.8 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

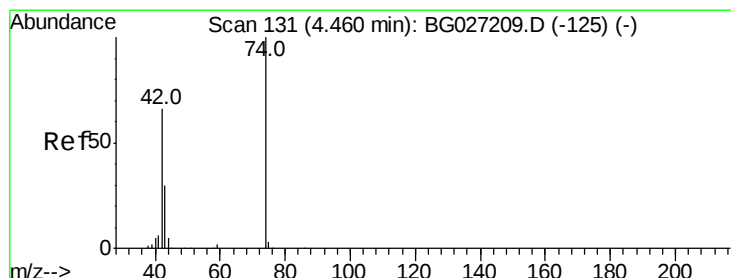
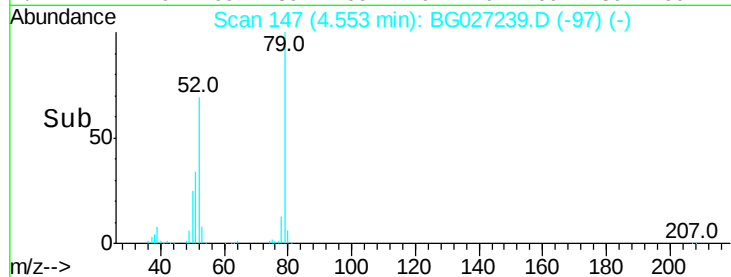
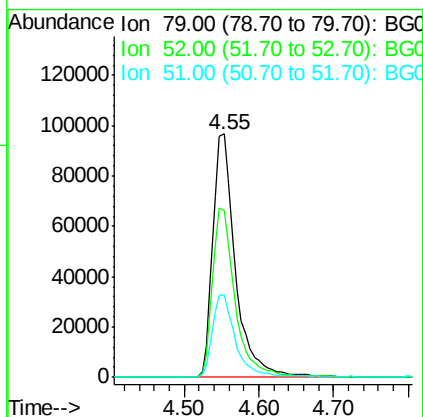
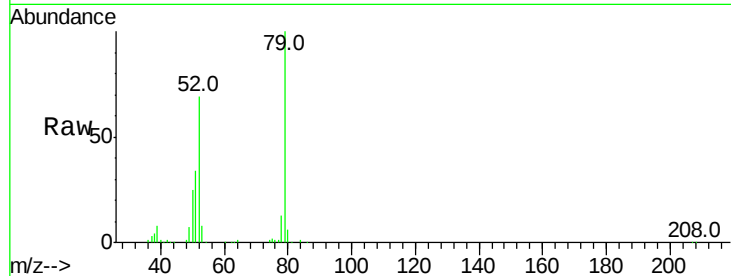




#3
 Pvridine
 Concen: 40.57 ng
 RT: 4.55 min Scan# 147
 Delta R.T. -0.01 min
 Lab File: BG027239.D
 Acq: 6 Jun 2017 8:23

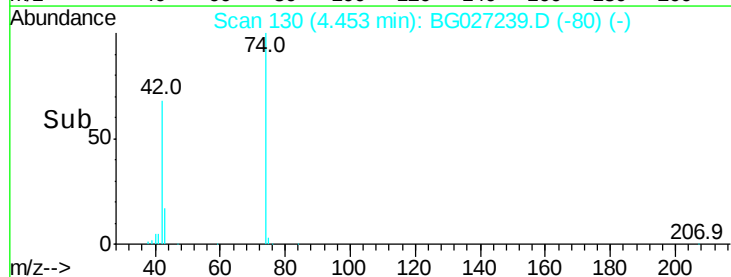
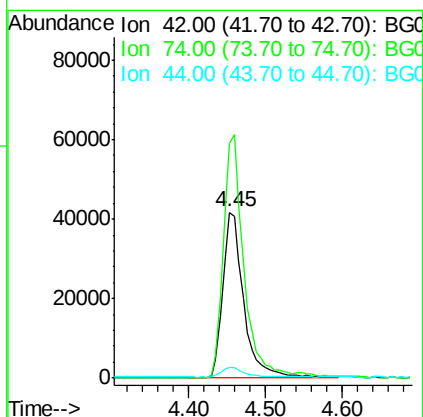
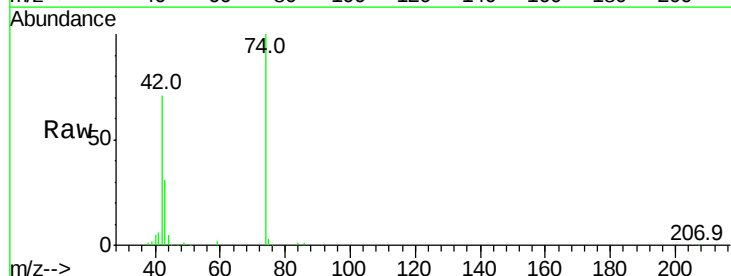
Instrument :
 BNA_G
 ClientSampleId :

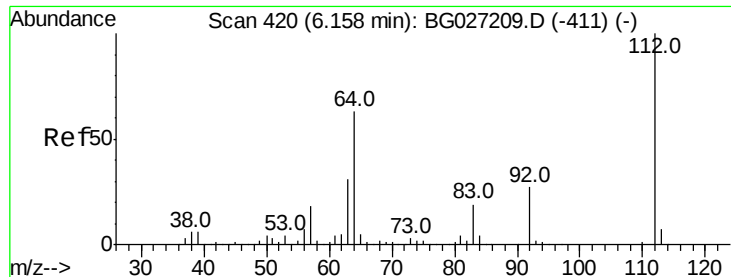
Tot Ion: 79 Resp: 203697
 Ion Ratio Lower Upper
 79 100
 52 68.7 77.8 116.6#
 51 33.9 43.2 64.8#



#4
 n-Nitrosodimethylamine
 Concen: 42.82 ng
 RT: 4.45 min Scan# 130
 Delta R.T. -0.01 min
 Lab File: BG027239.D
 Acq: 6 Jun 2017 8:23

Tgt Ion: 42 Resp: 79611
 Ion Ratio Lower Upper
 42 100
 74 141.8 76.7 115.1#
 44 6.7 6.1 9.1





#5

2-Fluorophenol

Concen: 84.54 ng

RT: 6.15 min Scan# 419

Delta R.T. -0.01 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

Instrument :

BNA_G

ClientSampleId :

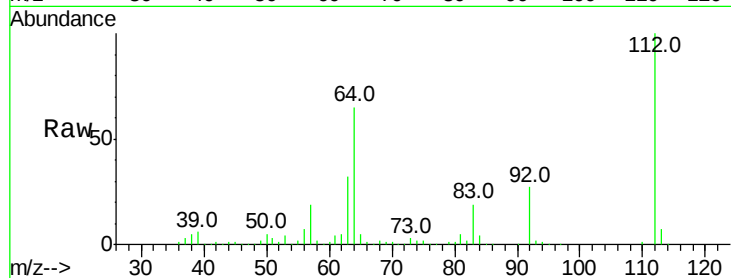
Tot Ion:112 Resp: 332094

Ion Ratio Lower Upper

112 100

64 64.7 61.8 92.6

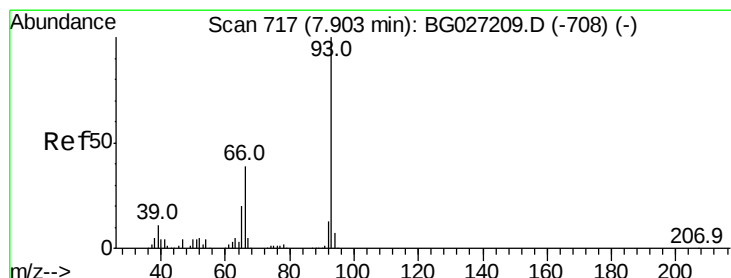
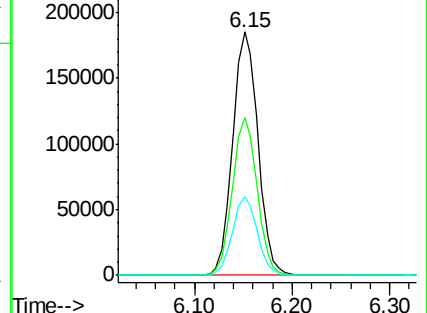
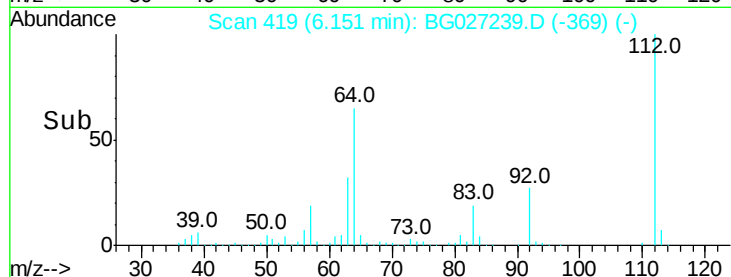
63 32.2 37.2 55.8#



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: 41.44 ng

RT: 7.90 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

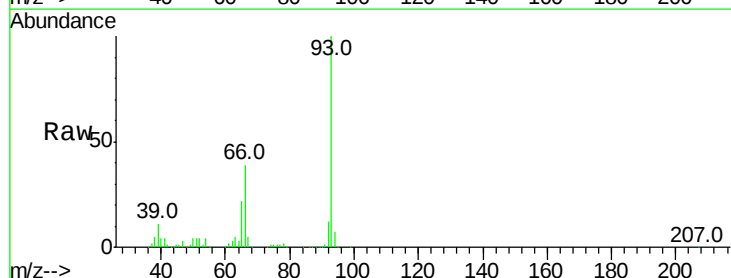
Tgt Ion: 93 Resp: 300927

Ion Ratio Lower Upper

93 100

66 39.4 35.4 53.2

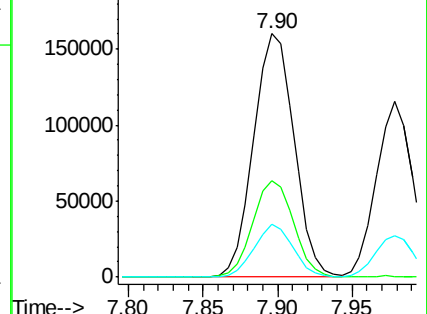
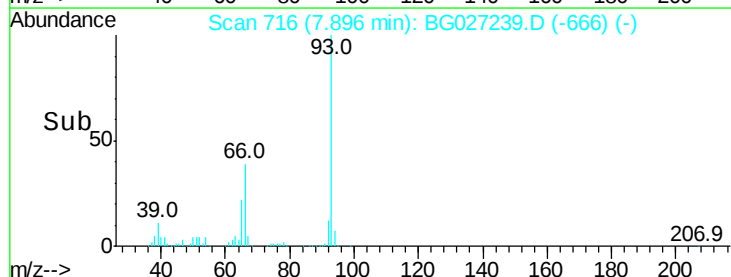
65 21.5 21.2 31.8

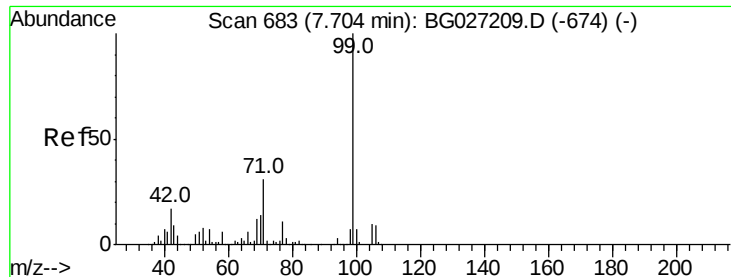


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 84.81 ng

RT: 7.70 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

Instrument :

BNA_G

ClientSampleId :

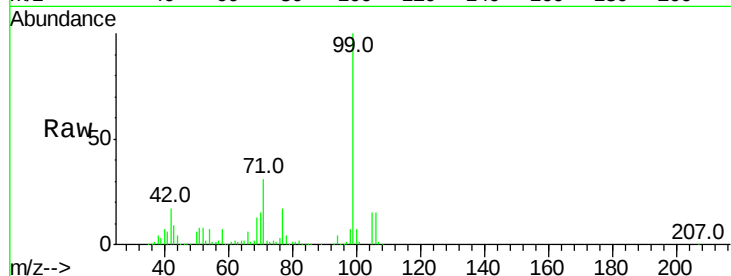
Tot Ion: 99 Resp: 489034

Ion Ratio Lower Upper

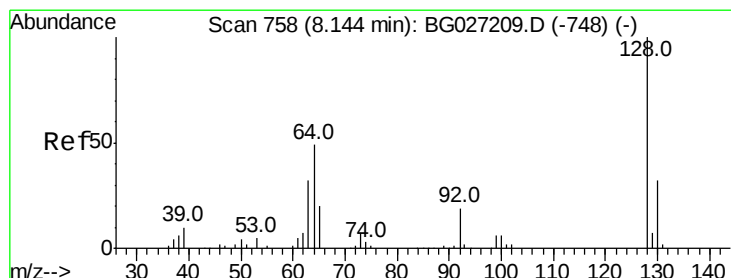
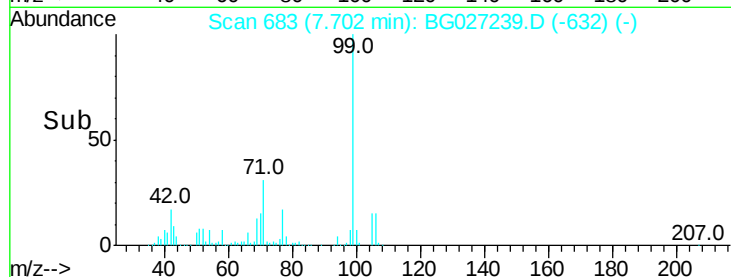
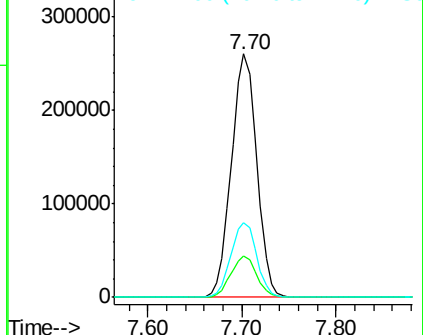
99 100

42 16.8 20.5 30.7#

71 30.5 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: 42.27 ng

RT: 8.14 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

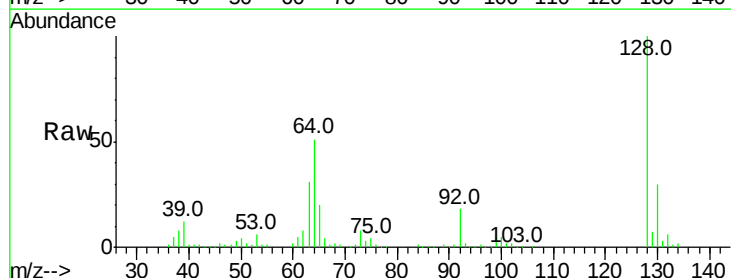
Tgt Ion: 128 Resp: 175341

Ion Ratio Lower Upper

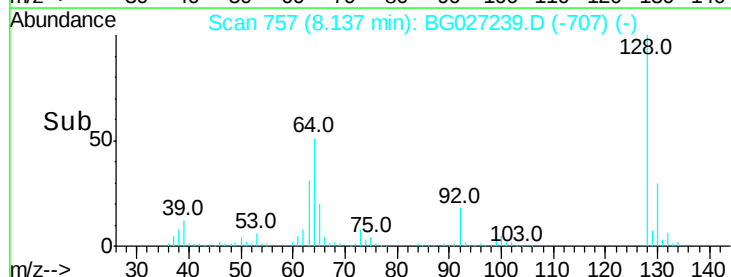
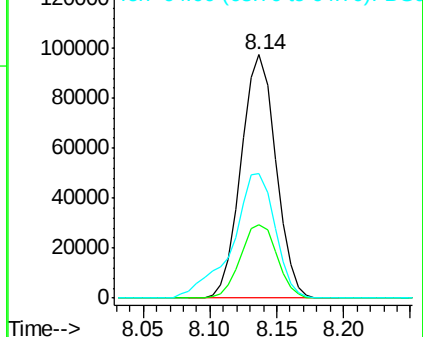
128 100

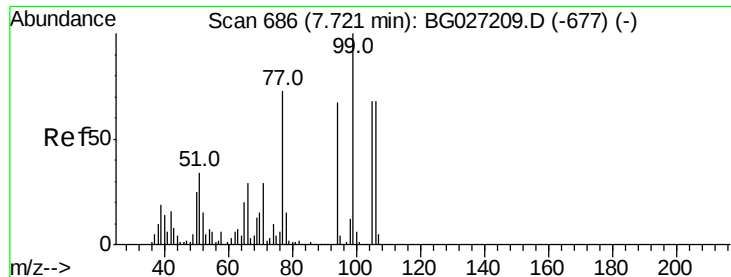
130 29.9 11.4 51.4

64 51.1 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: 41.73 ng

RT: 7.71 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

Instrument :

BNA_G

ClientSampled :

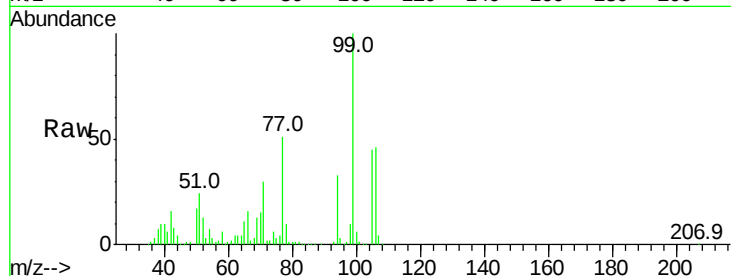
Tot Ion: 77 Resp: 166378

Ion Ratio Lower Upper

77 100

105 88.4 60.9 100.9

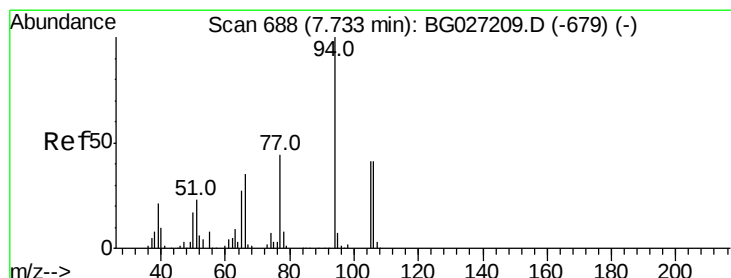
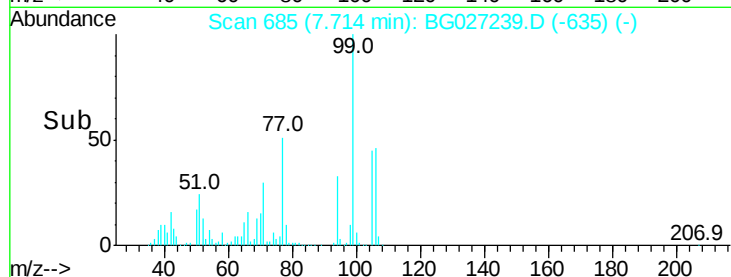
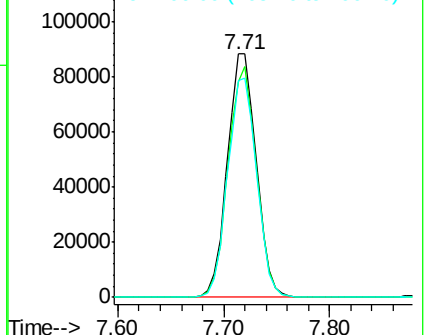
106 88.8 55.1 95.1



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 41.69 ng

RT: 7.73 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

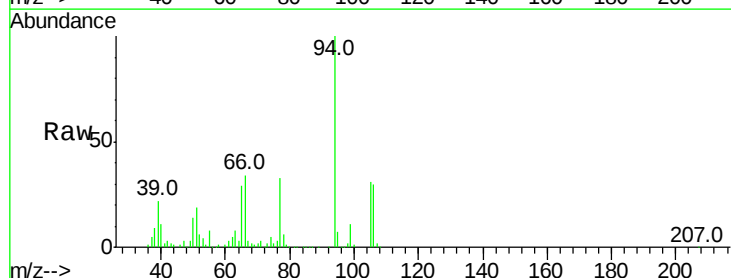
Tgt Ion: 94 Resp: 245852

Ion Ratio Lower Upper

94 100

65 28.8 20.6 60.6

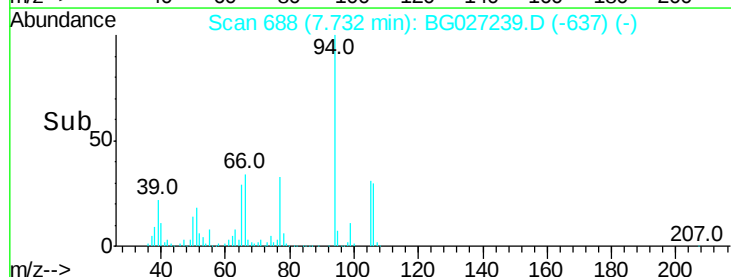
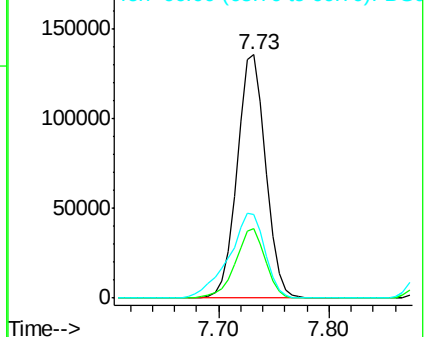
66 34.3 35.5 75.5#

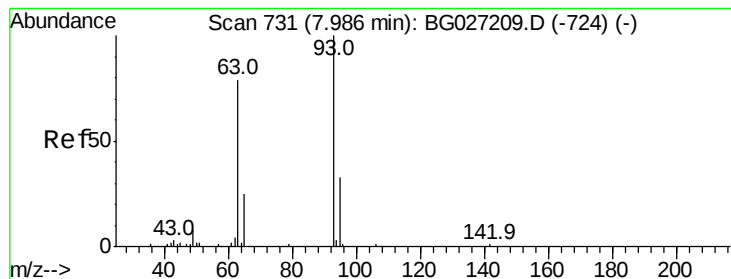


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

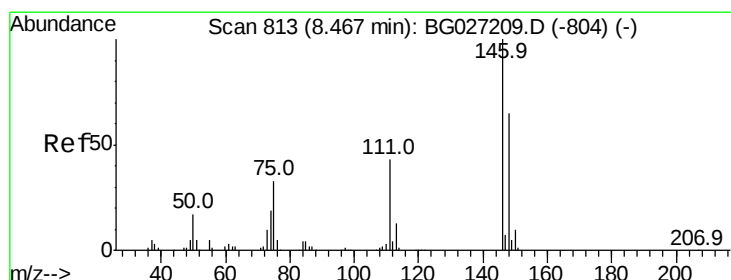
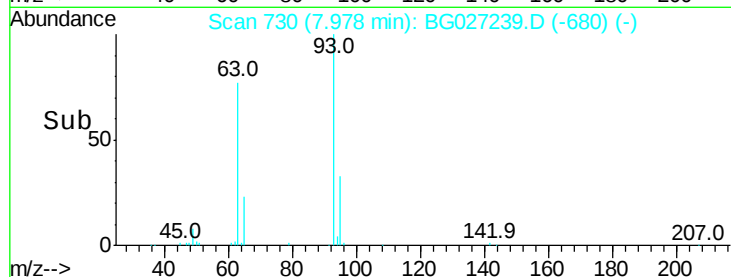
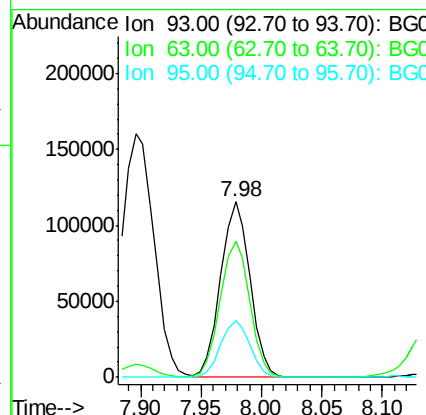
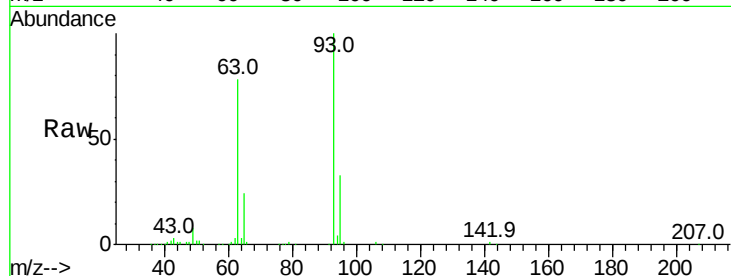




#11
bis(2-Chloroethyl)ether
Concen: 40.38 ng
RT: 7.98 min Scan# 730
Delta R.T. -0.01 min
Lab File: BG027239.D
Acq: 6 Jun 2017 8:23

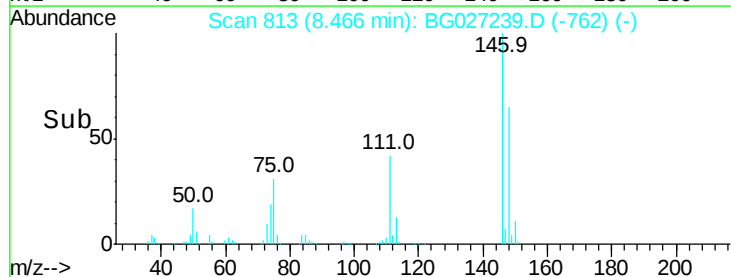
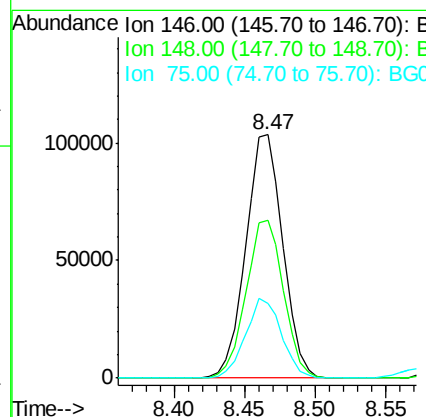
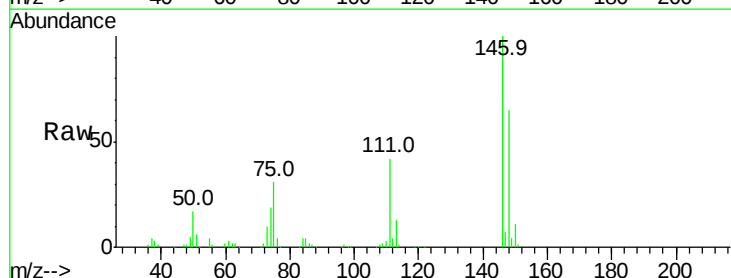
Instrument :
BNA_G
ClientSampled :

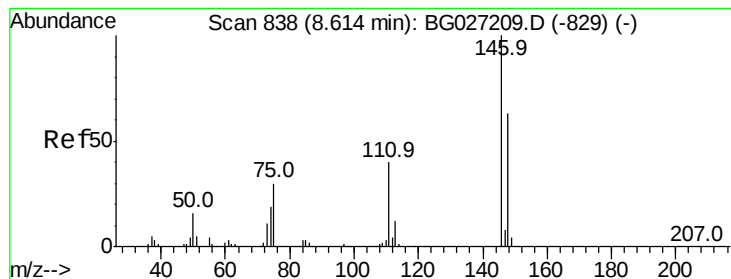
Tot Ion: 93 Resp: 195362
Ion Ratio Lower Upper
93 100
63 77.8 78.5 118.5#
95 32.5 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 40.69 ng
RT: 8.47 min Scan# 813
Delta R.T. -0.00 min
Lab File: BG027239.D
Acq: 6 Jun 2017 8:23

Tgt Ion: 146 Resp: 190358
Ion Ratio Lower Upper
146 100
148 64.7 49.2 73.8
75 30.9 33.4 50.2#





#13

1,4-Dichlorobenzene

Concen: 41.04 ng

RT: 8.61 min Scan# 837

Delta R.T. -0.01 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

Instrument :

BNA_G

ClientSampled :

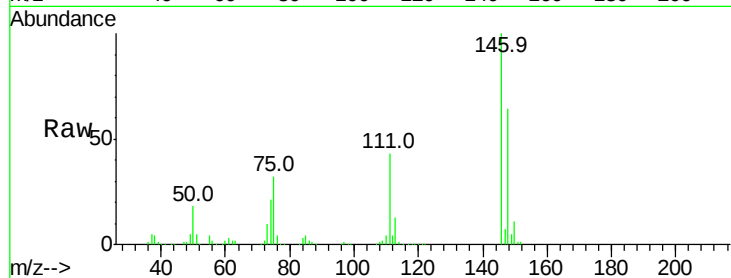
Tot Ion:146 Resp: 197028

Ion Ratio Lower Upper

146 100

148 63.9 52.2 78.2

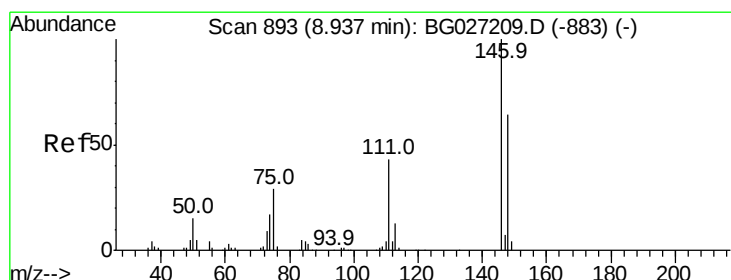
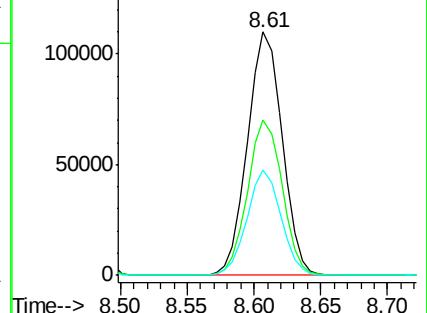
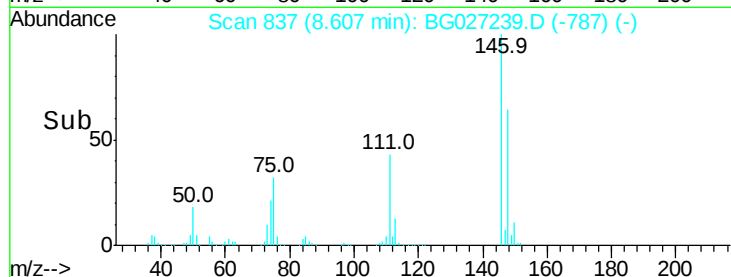
111 43.2 37.0 55.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.90 ng

RT: 8.93 min Scan# 892

Delta R.T. -0.01 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

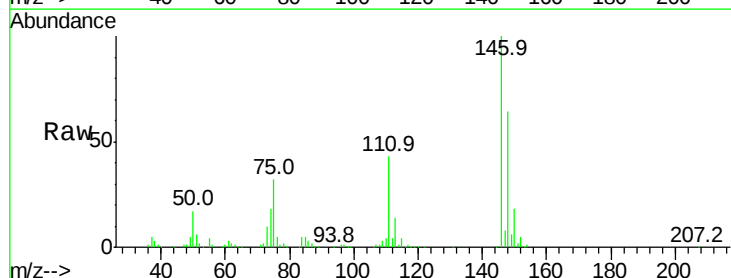
Tgt Ion:146 Resp: 191530

Ion Ratio Lower Upper

146 100

148 64.3 54.6 81.8

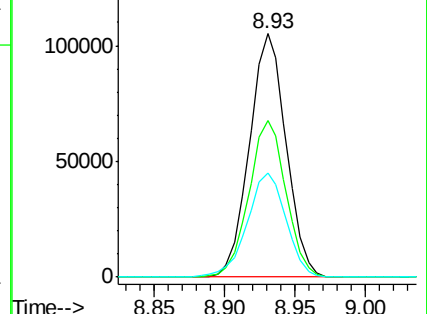
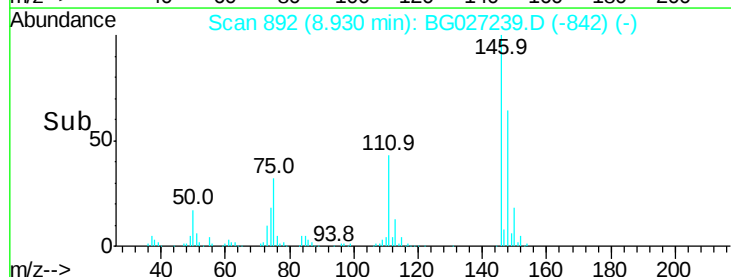
111 42.6 39.7 59.5

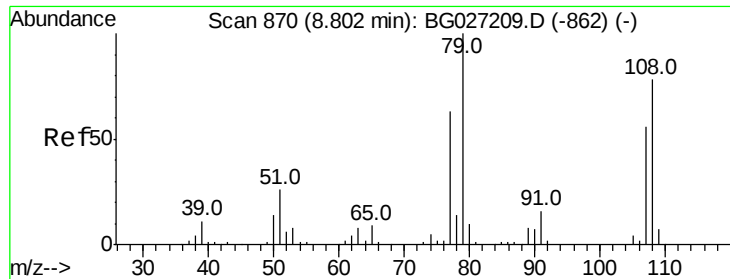


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.50 ng

RT: 8.80 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

Instrument :

BNA_G

ClientSampleId :

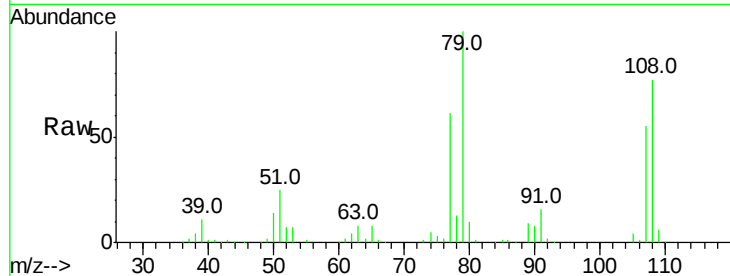
Tot Ion: 79 Resp: 168602

Ion Ratio Lower Upper

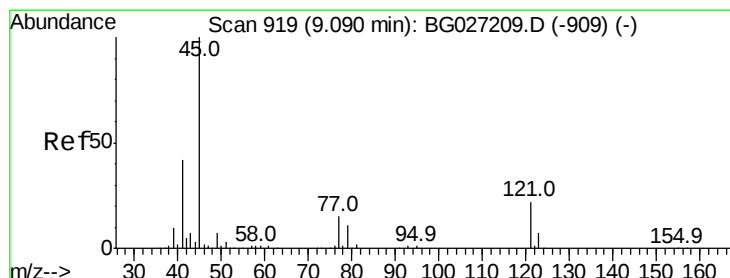
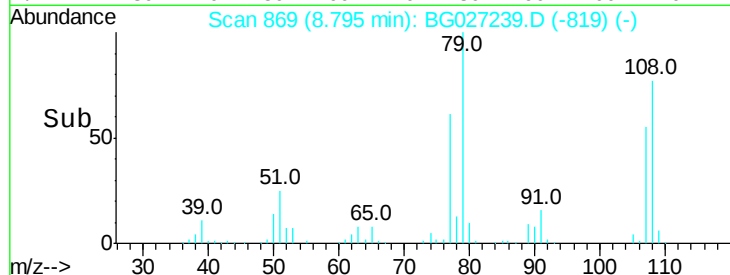
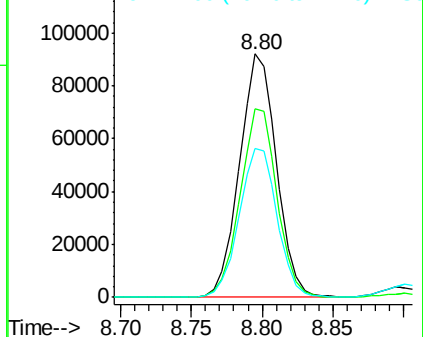
79 100

108 77.4 45.5 68.3#

77 61.2 54.3 81.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.99 ng

RT: 9.08 min Scan# 918

Delta R.T. -0.01 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

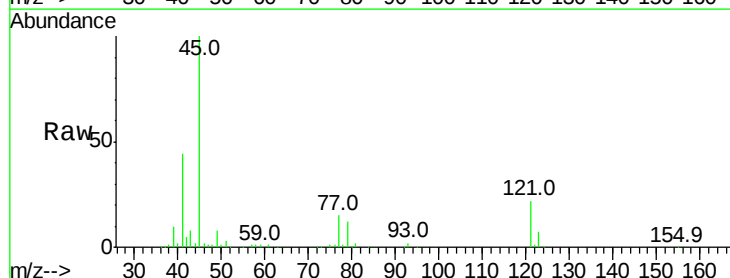
Tgt Ion: 45 Resp: 276783

Ion Ratio Lower Upper

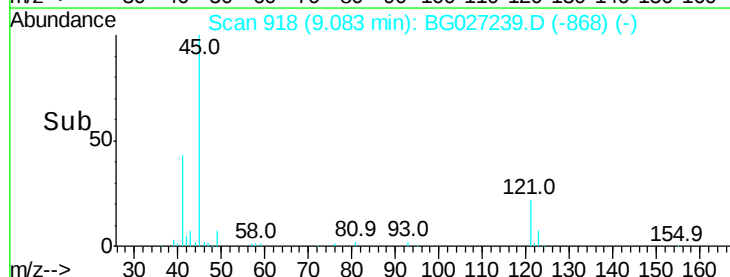
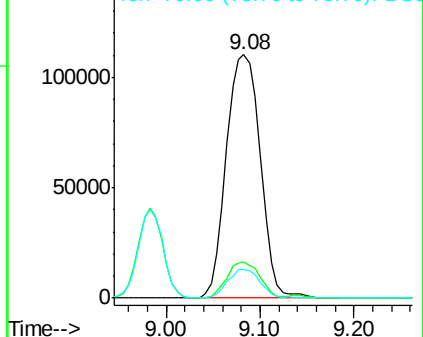
45 100

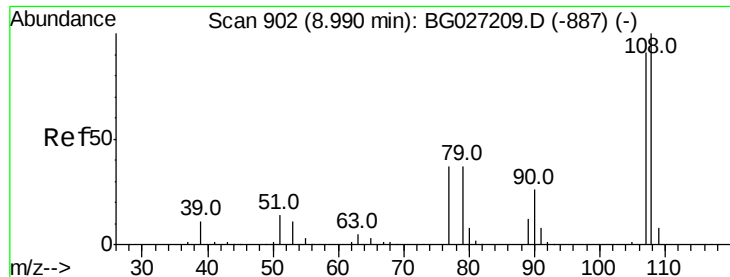
77 15.0 0.0 30.6

79 11.6 0.0 28.5



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

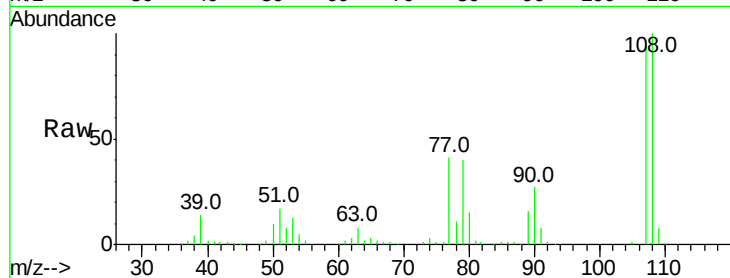




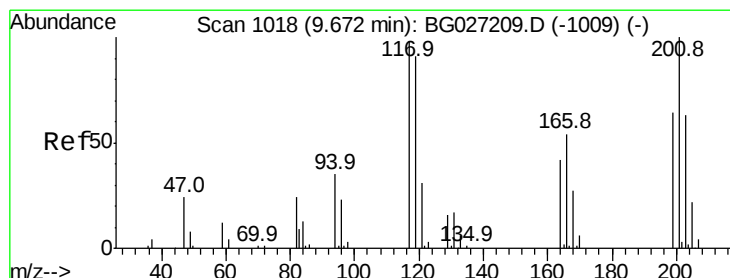
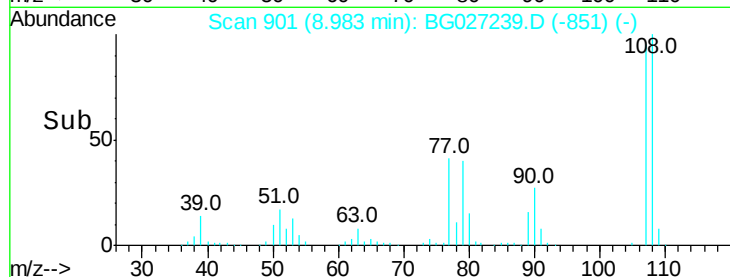
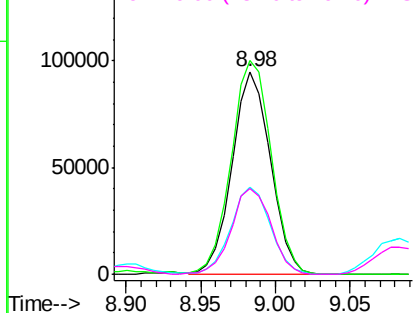
#17
2-Methylphenol
Concen: 40.62 ng
RT: 8.98 min Scan# 901
Delta R.T. -0.01 min
Lab File: BG027239.D
Acq: 6 Jun 2017 8:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 169297
Ion Ratio Lower Upper
107 100
108 105.3 85.6 128.4
77 42.9 51.4 77.2#
79 42.2 49.2 73.8#

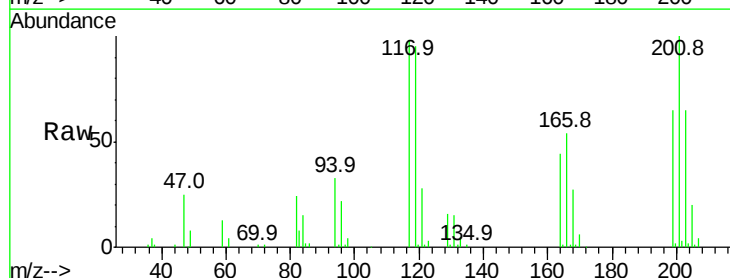


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

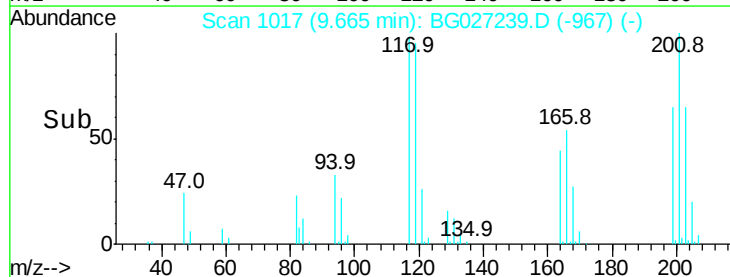
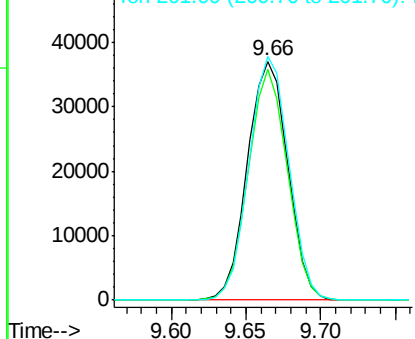


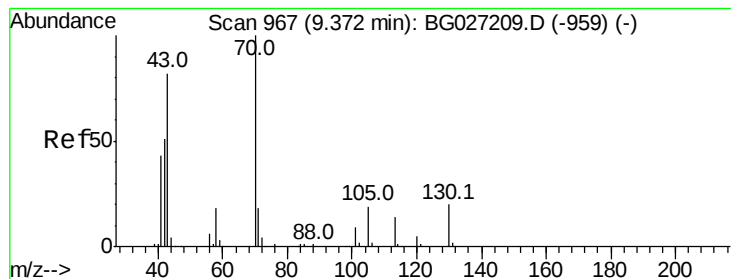
#18
Hexachloroethane
Concen: 42.71 ng
RT: 9.66 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BG027239.D
Acq: 6 Jun 2017 8:23

Tgt Ion:117 Resp: 69081
Ion Ratio Lower Upper
117 100
119 97.0 69.8 104.6
201 102.1 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: 40.22 ng

RT: 9.36 min Scan# 966

Delta R.T. -0.01 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 162228

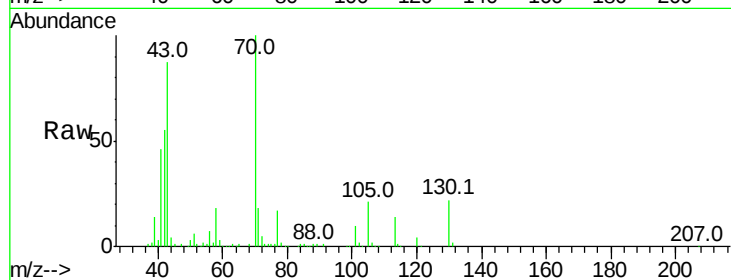
Ion Ratio Lower Upper

70 100

42 54.6 56.1 84.1#

101 9.8 7.5 11.3

130 21.7 14.6 21.8

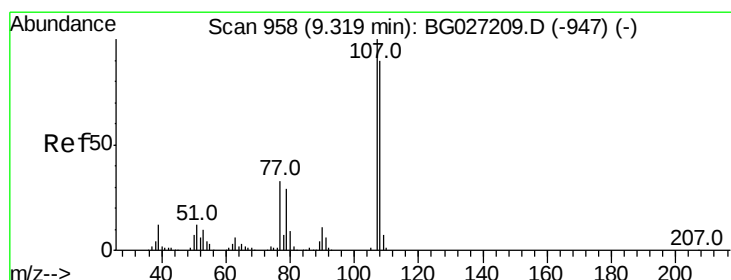
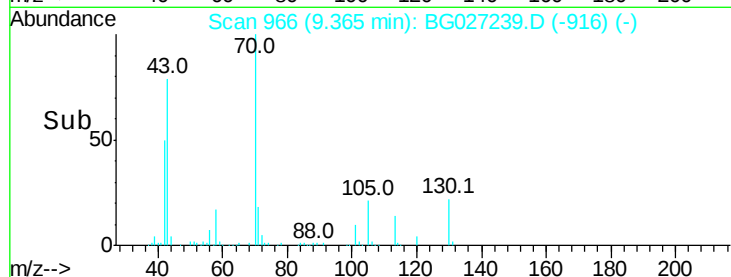
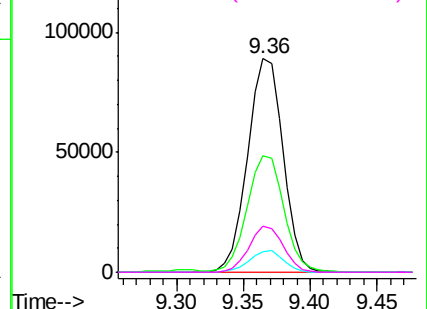


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 41.19 ng

RT: 9.31 min Scan# 957

Delta R.T. -0.01 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

Tgt Ion: 107 Resp: 237826

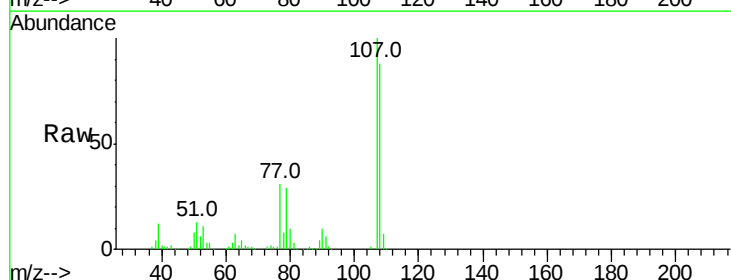
Ion Ratio Lower Upper

107 100

108 88.4 70.8 110.8

77 30.9 25.8 65.8

79 29.2 20.1 60.1

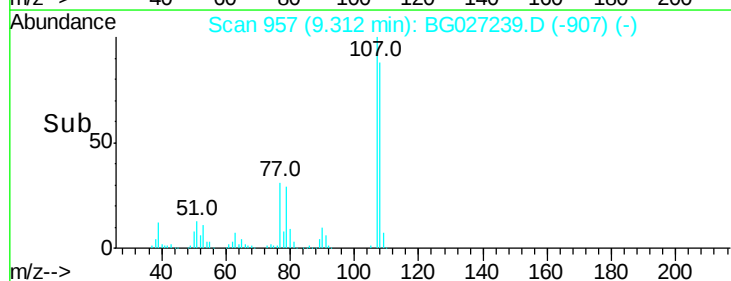
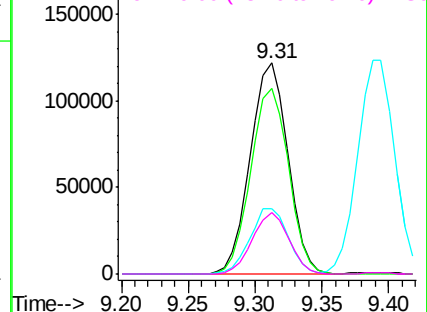


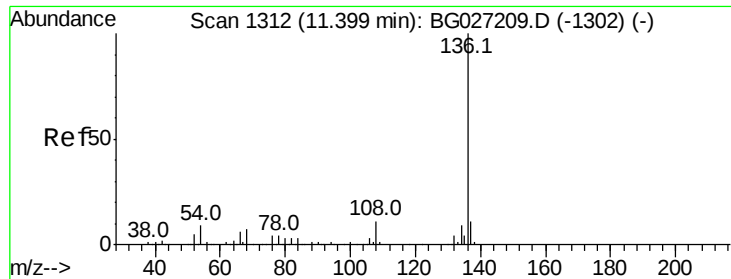
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

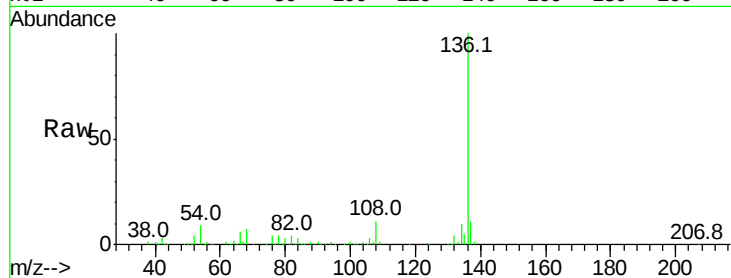




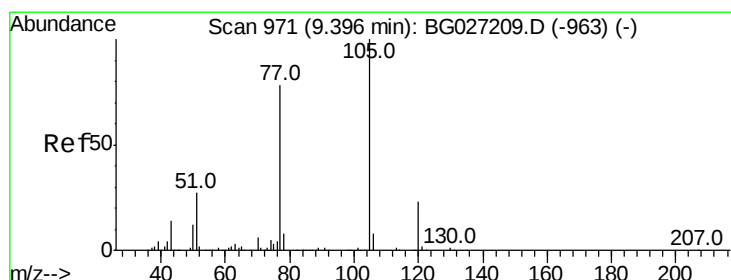
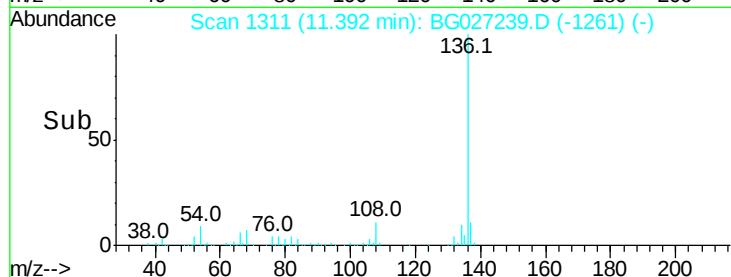
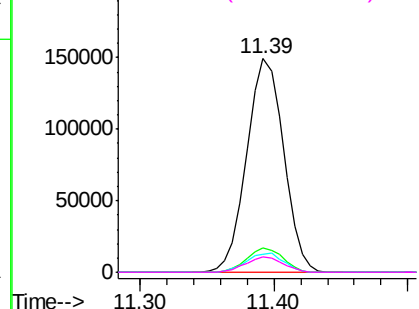
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.39 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BG027239.D
Acq: 6 Jun 2017 8:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	286189
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.7	9.3	13.9#
68	7.2	5.1	7.7

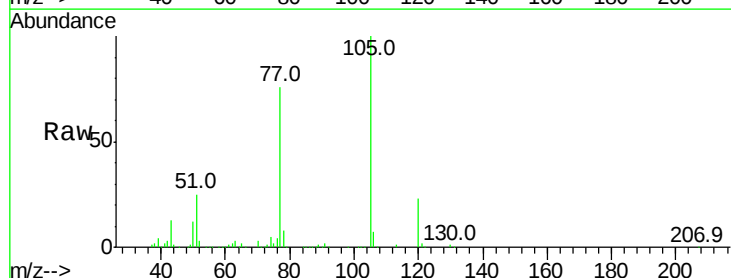


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

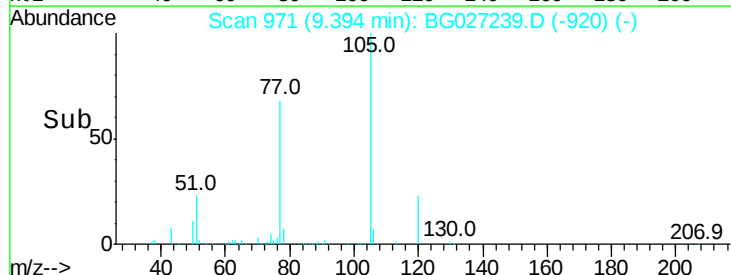
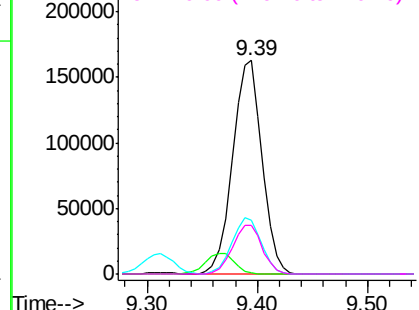


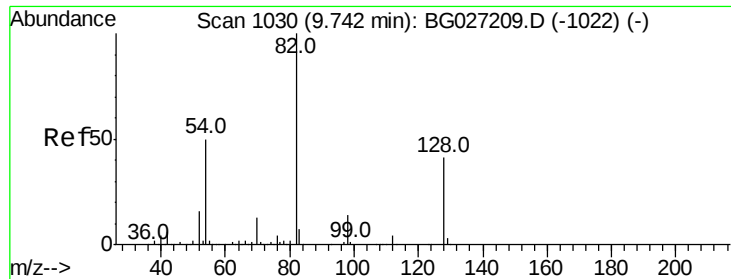
#22
Acetophenone
Concen: 41.37 ng
RT: 9.39 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG027239.D
Acq: 6 Jun 2017 8:23

Tgt Ion:	105	Resp:	302772
Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.9	1.3#
51	25.0	34.0	51.0#
120	22.5	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

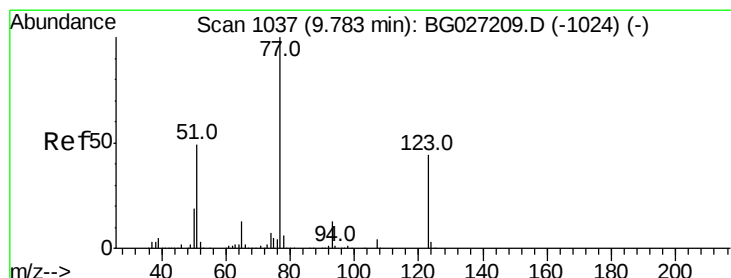
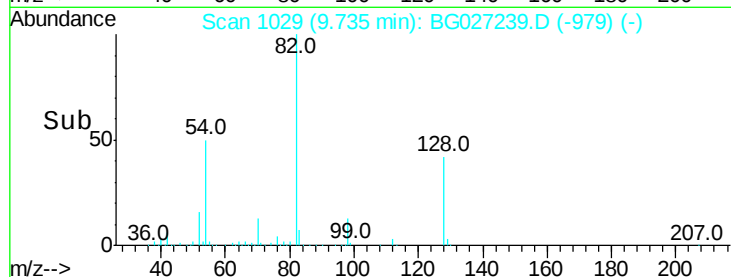
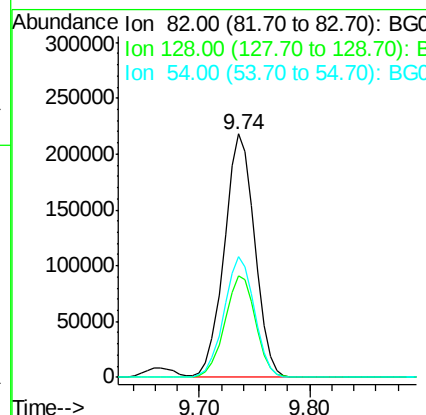
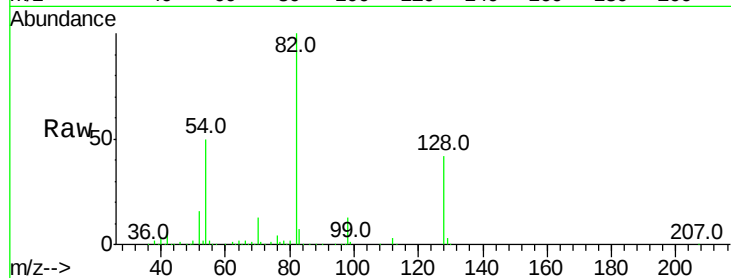




#23
 Nitrobenzene-d5
 Concen: 91.82 ng
 RT: 9.74 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG027239.D
 Acq: 6 Jun 2017 8:23

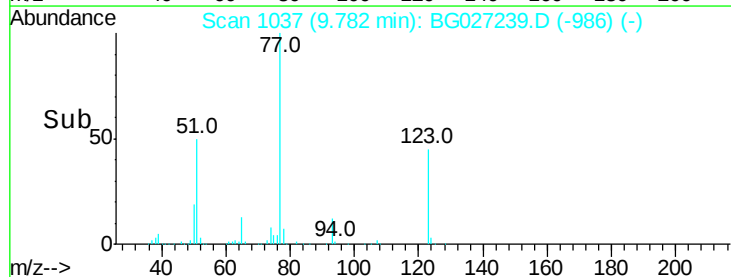
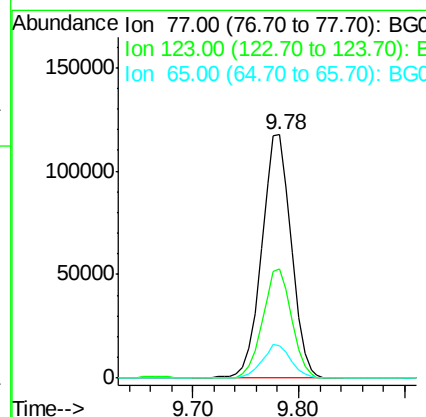
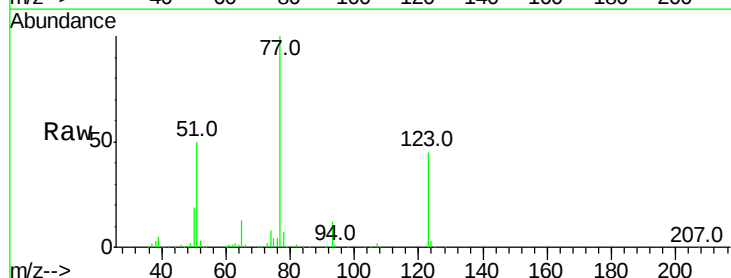
Instrument :
 BNA_G
 ClientSampled :

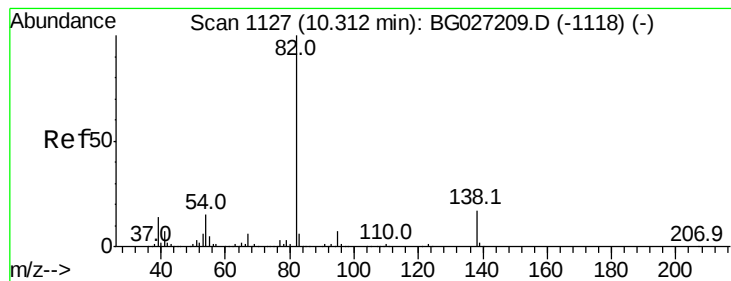
Tot Ion: 82 Resp: 417845
 Ion Ratio Lower Upper
 82 100
 128 41.7 26.4 39.6#
 54 49.6 49.4 74.2



#24
 Nitrobenzene
 Concen: 44.03 ng
 RT: 9.78 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BG027239.D
 Acq: 6 Jun 2017 8:23

Tgt Ion: 77 Resp: 228268
 Ion Ratio Lower Upper
 77 100
 123 44.8 26.1 39.1#
 65 13.5 12.4 18.6





#25

Isophorone

Concen: 40.24 ng

RT: 10.31 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

Instrument :

BNA_G

ClientSampleId :

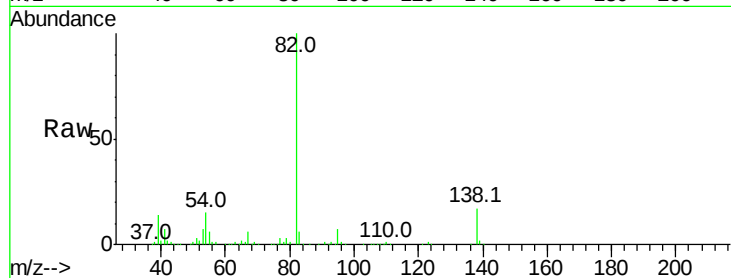
Tot Ion: 82 Resp: 430554

Ion Ratio Lower Upper

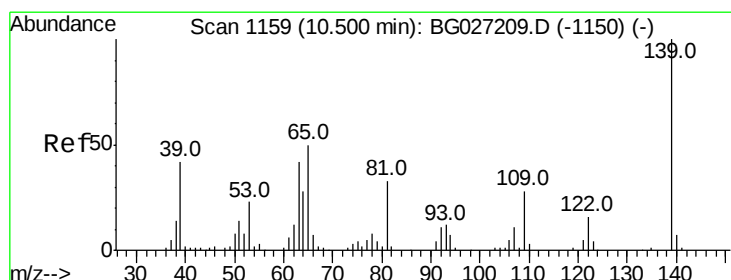
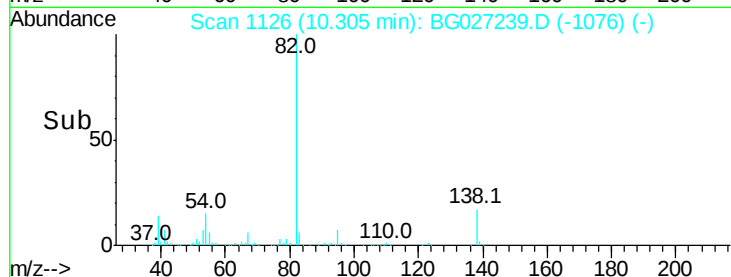
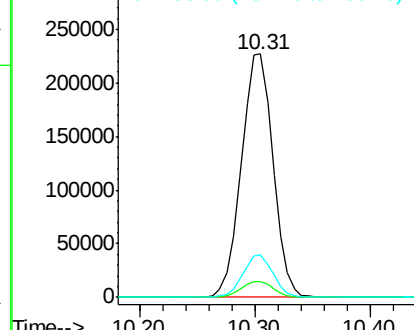
82 100

95 6.7 7.5 11.3#

138 17.3 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: 46.10 ng

RT: 10.49 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

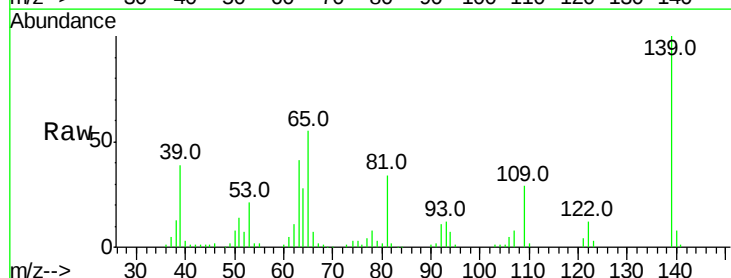
Tgt Ion: 139 Resp: 97823

Ion Ratio Lower Upper

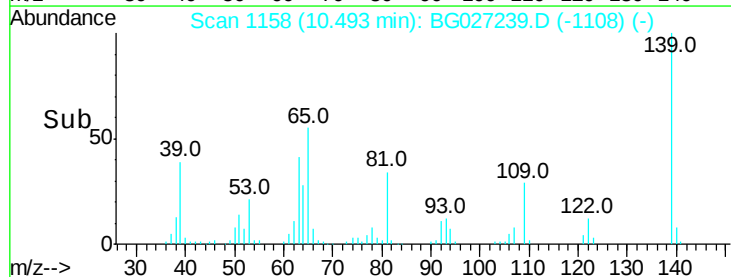
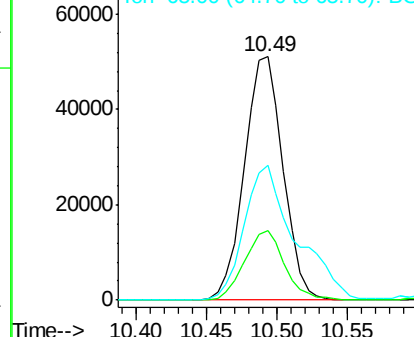
139 100

109 28.7 38.6 58.0#

65 55.2 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

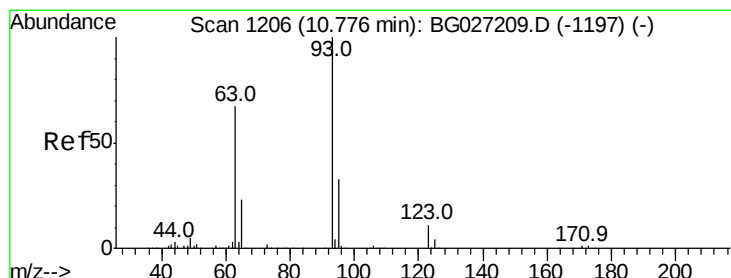
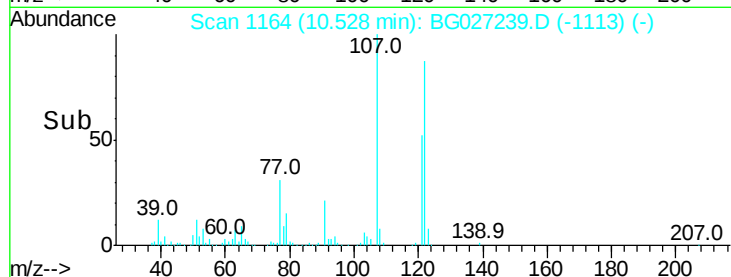
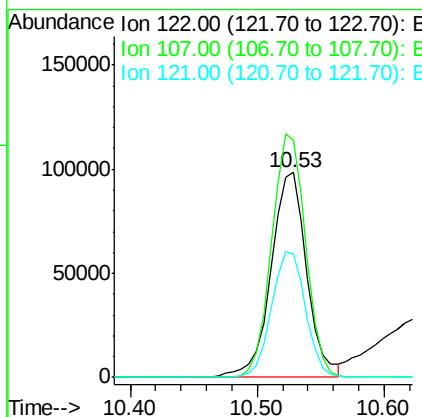
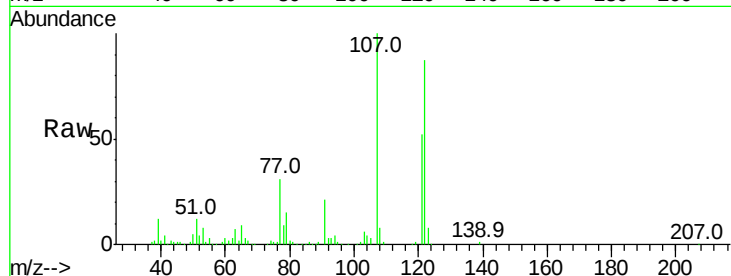




#27
 2,4-Dimethylphenol
 Concen: 41.90 ng
 RT: 10.53 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BG027239.D
 Acq: 6 Jun 2017 8:23

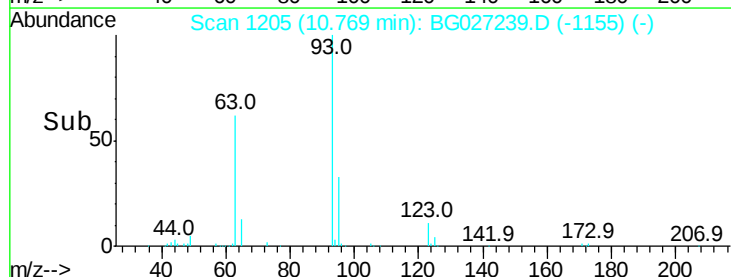
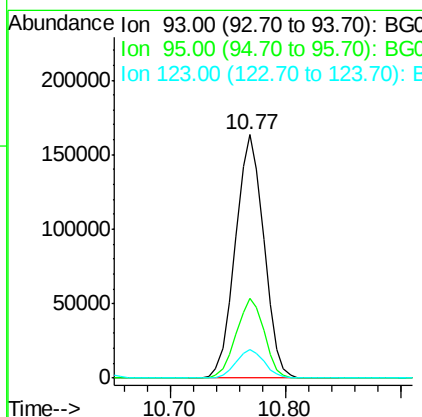
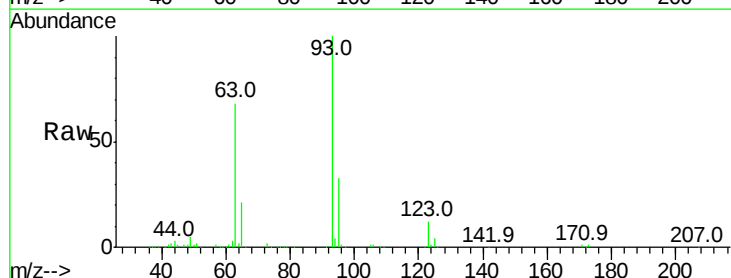
Instrument :
 BNA_G
 ClientSampleId :

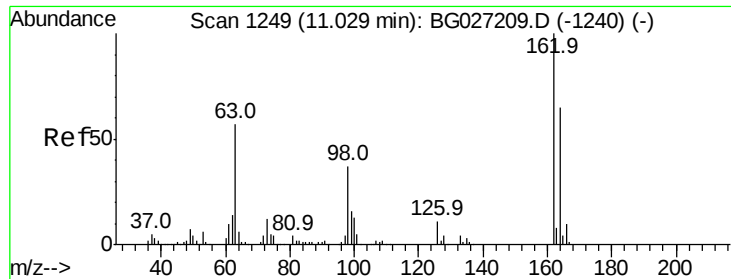
Tot Ion:122 Resp: 192773
 Ion Ratio Lower Upper
 122 100
 107 115.5 104.2 156.4
 121 60.2 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.26 ng
 RT: 10.77 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BG027239.D
 Acq: 6 Jun 2017 8:23

Tgt Ion: 93 Resp: 278968
 Ion Ratio Lower Upper
 93 100
 95 32.8 25.7 38.5
 123 11.5 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 42.59 ng

RT: 11.02 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

Instrument :

BNA_G

ClientSampleId :

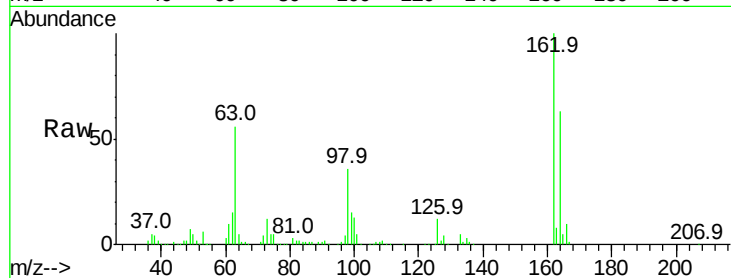
Tot Ion:162 Resp: 178874

Ion Ratio Lower Upper

162 100

164 63.2 42.4 82.4

98 36.5 20.3 60.3

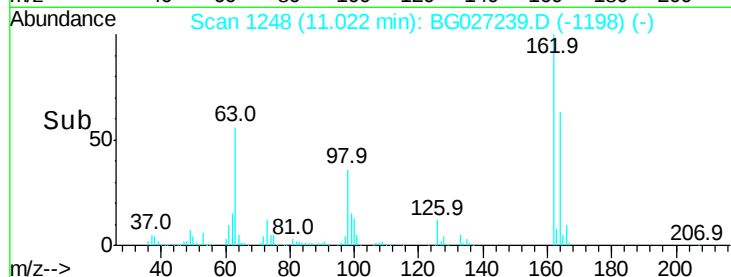


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

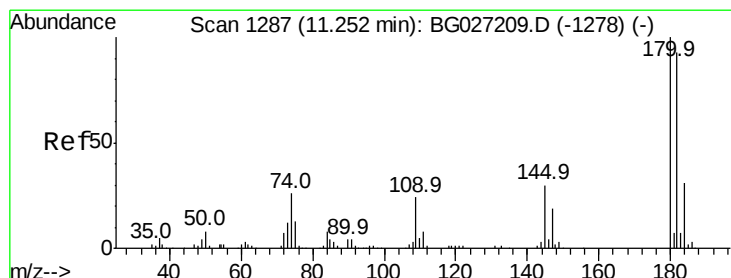
Ion 98.00 (97.70 to 98.70): B

Time-->



11.02

Time-->



#30

1,2,4-Trichlorobenzene

Concen: 41.52 ng

RT: 11.25 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

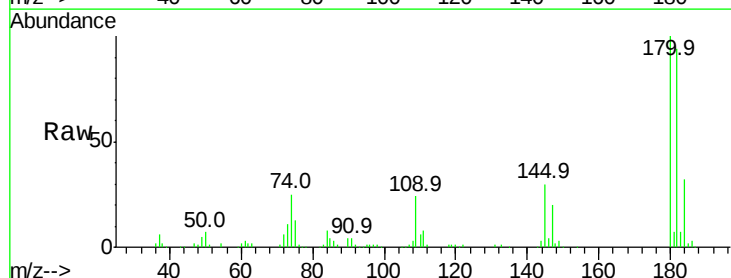
Tgt Ion:180 Resp: 193121

Ion Ratio Lower Upper

180 100

182 93.7 77.0 115.4

145 30.2 23.4 35.0

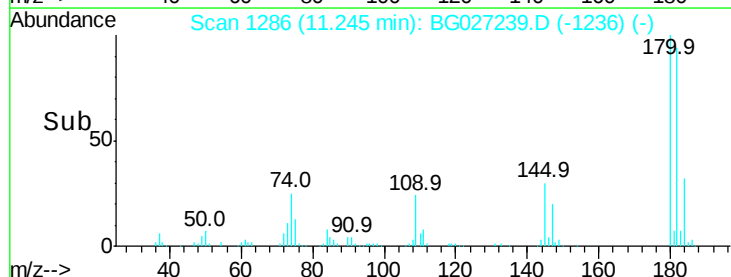


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

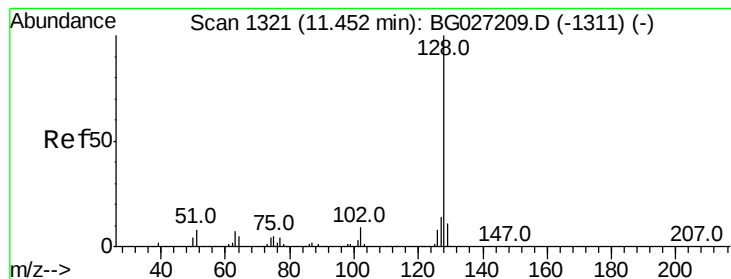
Ion 145.00 (144.70 to 145.70): E

Time-->



11.25

Time-->



#31

Naphthalene

Concen: 40.23 ng

RT: 11.44 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

Instrument :

BNA_G

ClientSampleId :

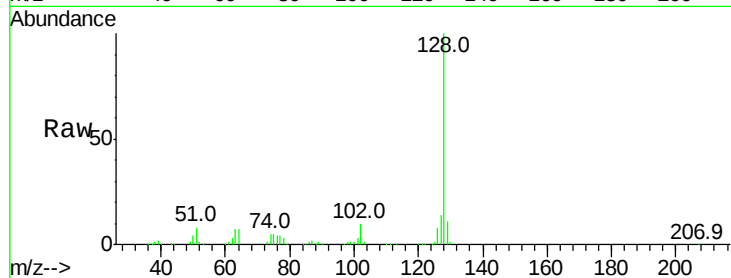
Tot Ion:128 Resp: 629306

Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

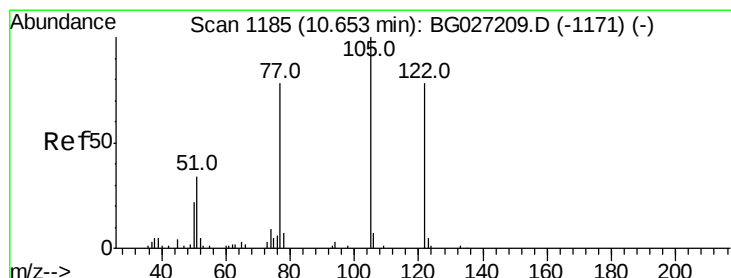
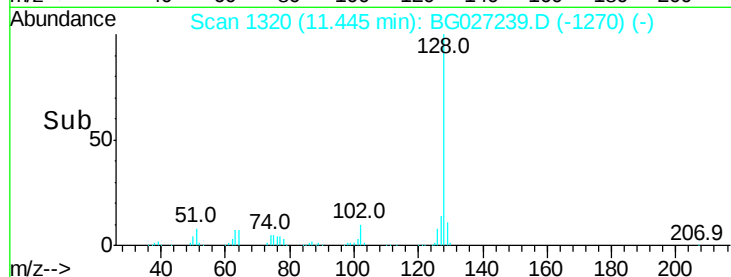
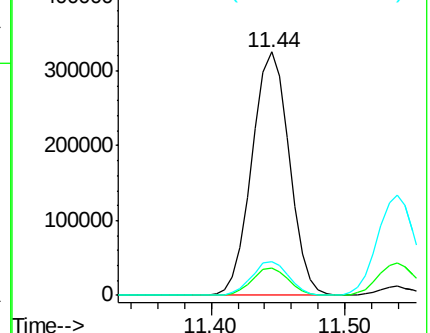
127 13.9 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.01 ng

RT: 10.63 min Scan# 1182

Delta R.T. -0.02 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

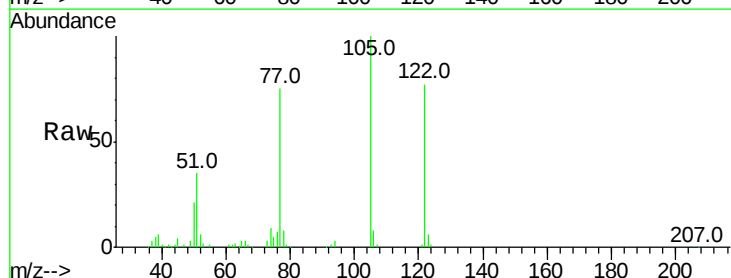
Tgt Ion:122 Resp: 126040

Ion Ratio Lower Upper

122 100

105 130.4 120.1 160.1

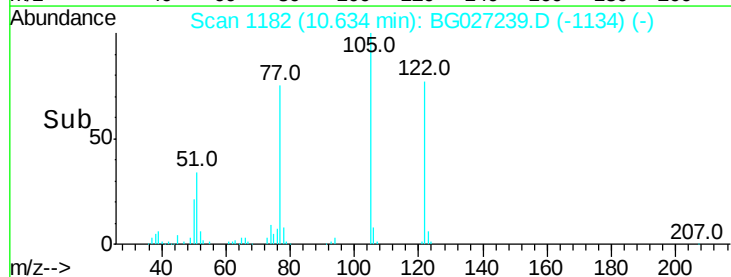
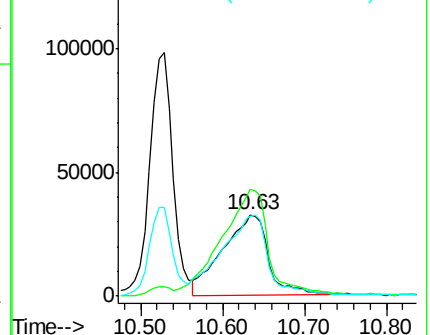
77 98.2 104.6 144.6#

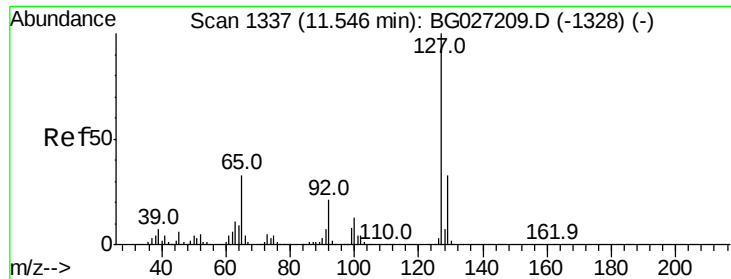


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

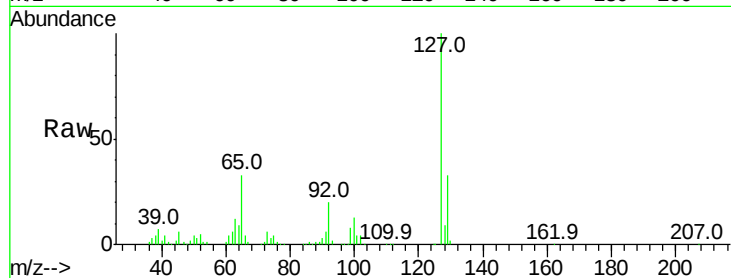




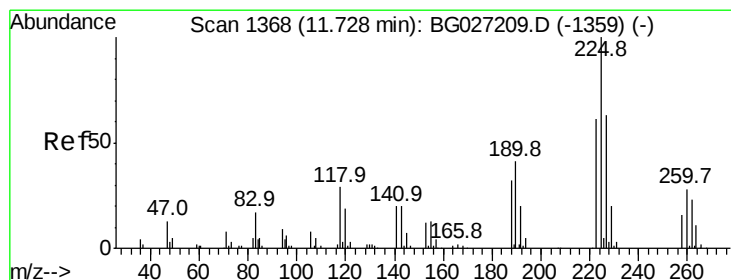
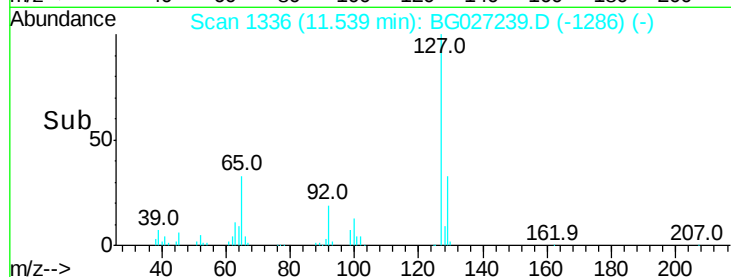
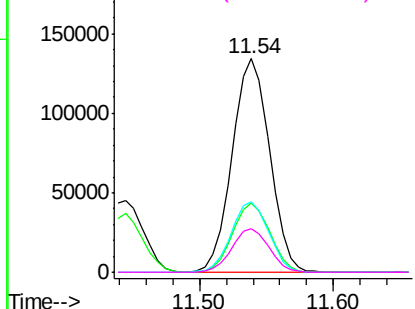
#33
4-Chloroaniline
Concen: 40.04 ng
RT: 11.54 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BG027239.D
Acq: 6 Jun 2017 8:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	260938
Ion	Ratio	Lower	Upper
127	100		
129	32.7	23.6	35.4
65	32.8	37.7	56.5#
92	20.4	17.6	26.4

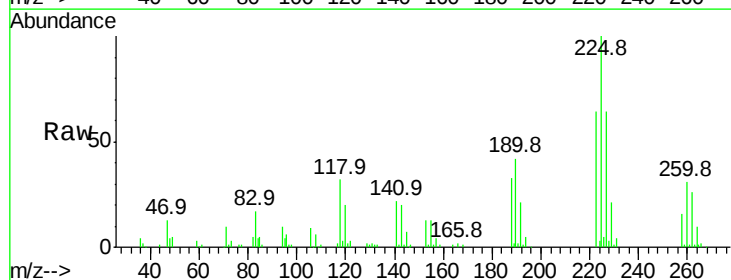


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

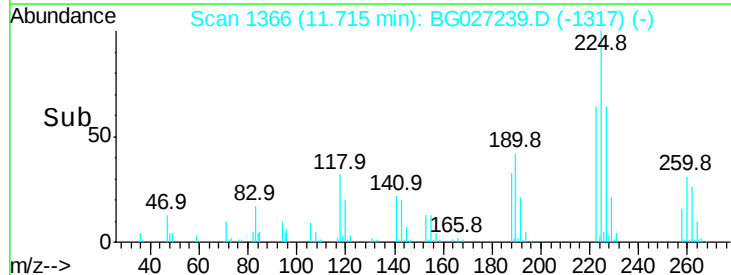
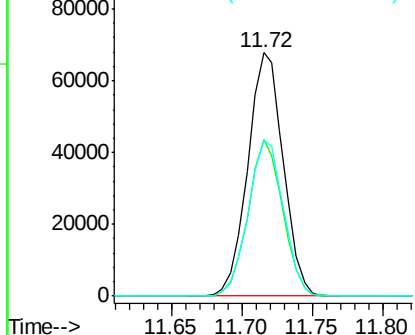


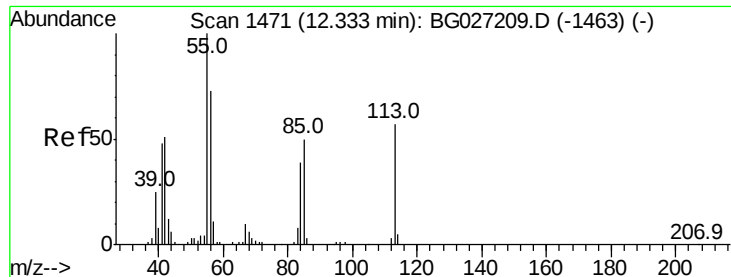
#34
Hexachlorobutadiene
Concen: 41.70 ng
RT: 11.72 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BG027239.D
Acq: 6 Jun 2017 8:23

Tgt Ion:	225	Resp:	119200
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.7	76.1
227	63.7	49.0	73.6



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





#35

Caprolactam

Concen: 42.61 ng

RT: 12.32 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

Instrument :

BNA_G

ClientSampleId :

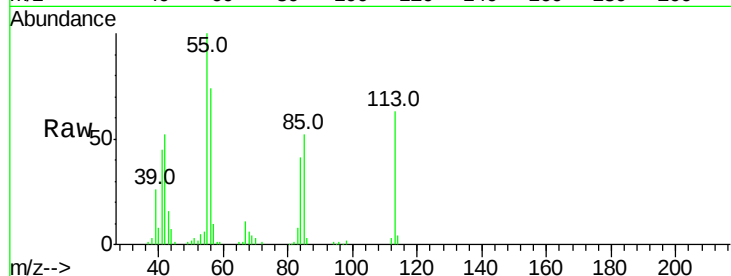
Tot Ion:113 Resp: 61383

Ion Ratio Lower Upper

113 100

55 159.7 198.6 238.6#

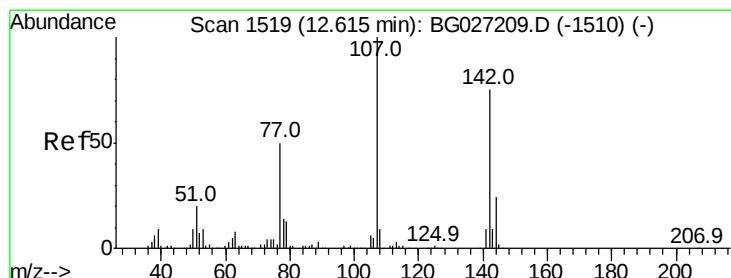
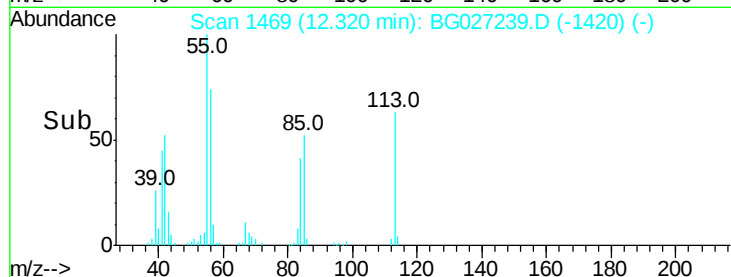
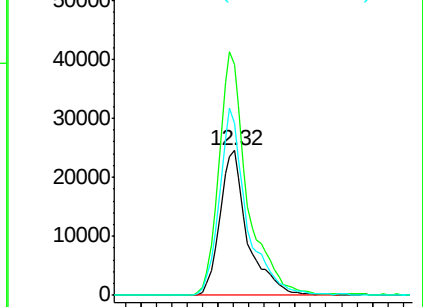
56 118.8 140.4 180.4#



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: 40.62 ng

RT: 12.61 min Scan# 1518

Delta R.T. -0.01 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

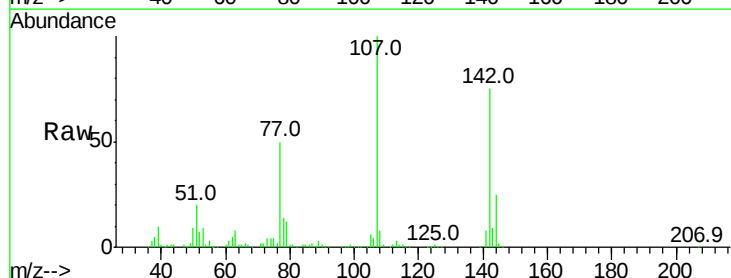
Tgt Ion:107 Resp: 213810

Ion Ratio Lower Upper

107 100

144 24.7 17.4 26.0

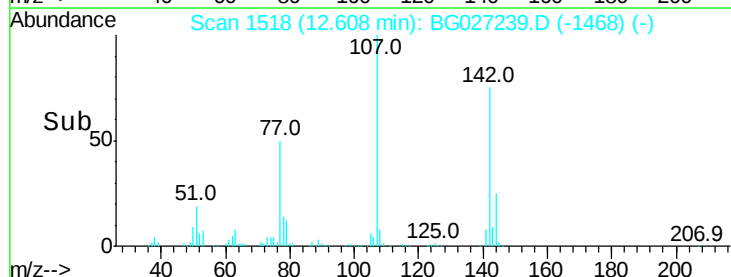
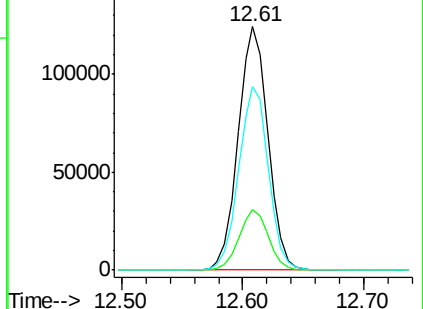
142 75.5 54.1 81.1



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

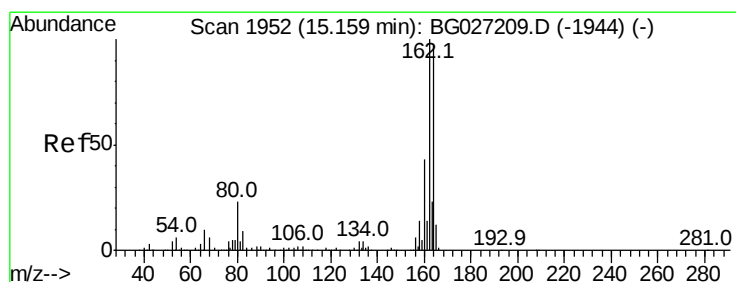
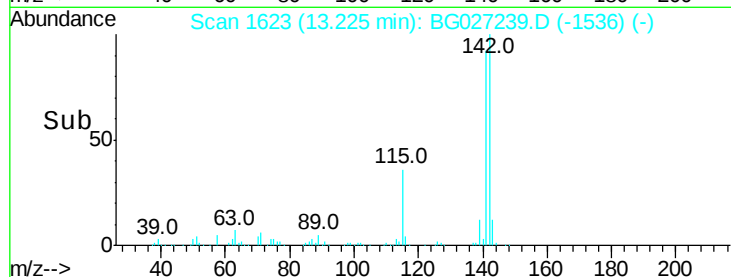
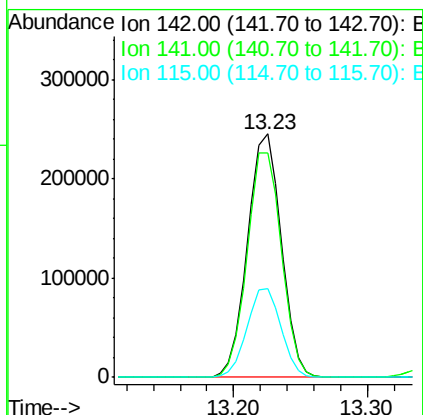
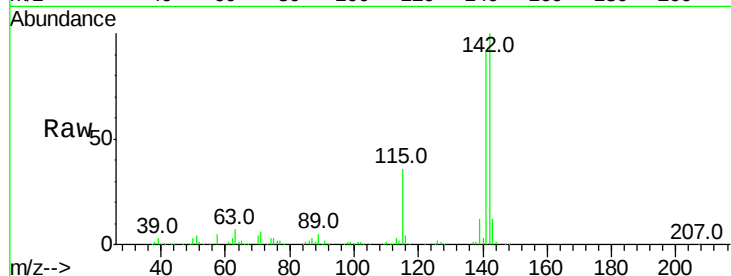




#37
2-Methylnaphthalene
Concen: 37.48 ng
RT: 13.23 min Scan# 1623
Delta R.T. 0.21 min
Lab File: BG027239.D
Acq: 6 Jun 2017 8:23

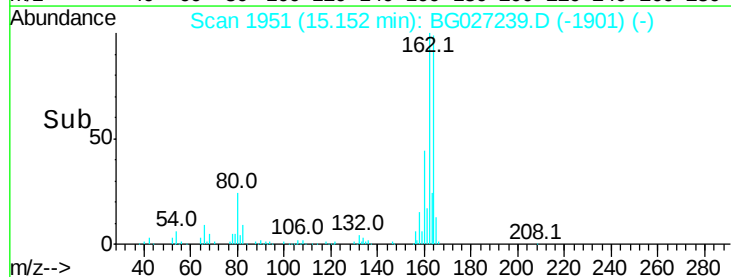
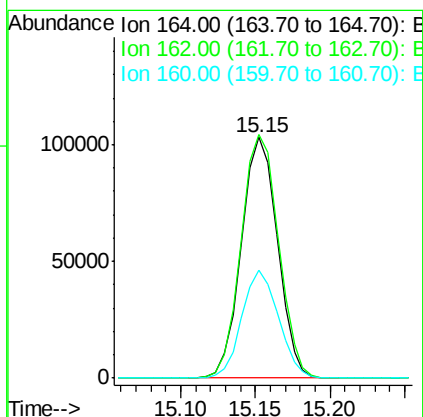
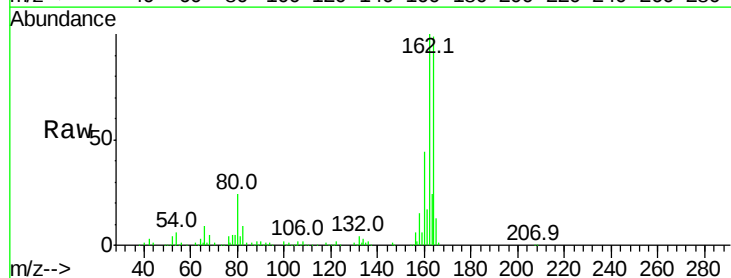
Instrument :
BNA_G
ClientSampleId :

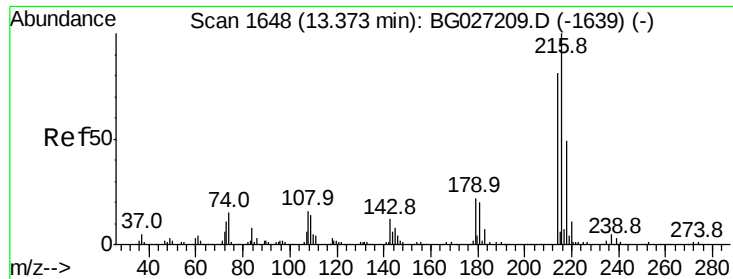
Tot Ion:142 Resp: 427671
Ion Ratio Lower Upper
142 100
141 92.4 70.4 105.6
115 36.4 35.5 53.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.15 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG027239.D
Acq: 6 Jun 2017 8:23

Tgt Ion:164 Resp: 172860
Ion Ratio Lower Upper
164 100
162 101.1 85.1 127.7
160 44.6 34.7 52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.16 ng

RT: 13.36 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 227045

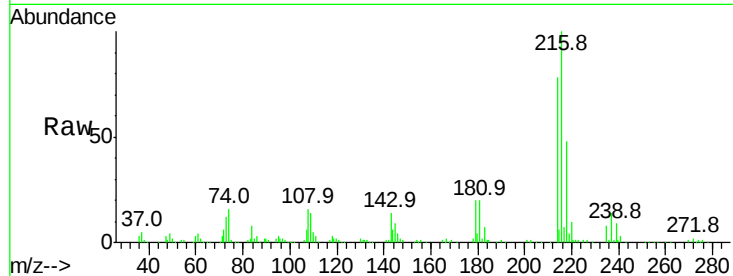
Ion Ratio Lower Upper

216 100

214 79.5 64.4 96.6

179 21.1 17.4 26.0

108 18.3 15.6 23.4

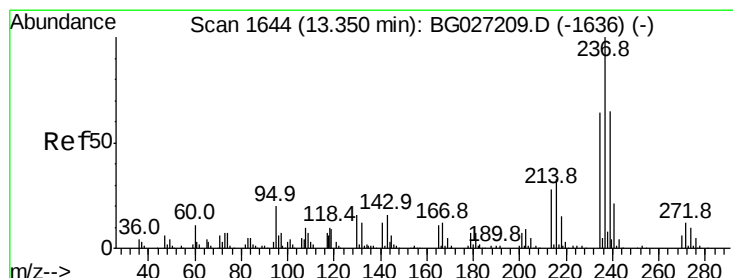
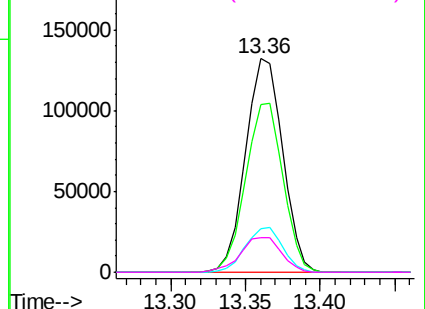
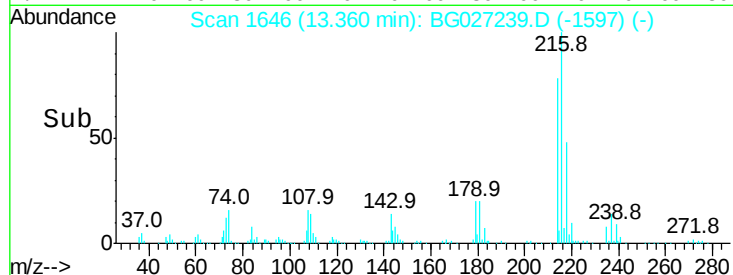


Abundance Ion 216.00 (215.70 to 216.70): E

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: 41.82 ng

RT: 13.34 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

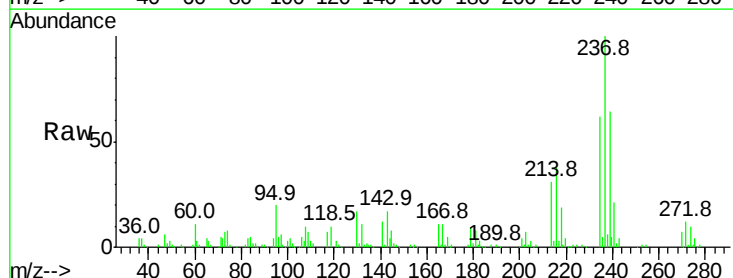
Tgt Ion:237 Resp: 119876

Ion Ratio Lower Upper

237 100

235 62.3 39.4 79.4

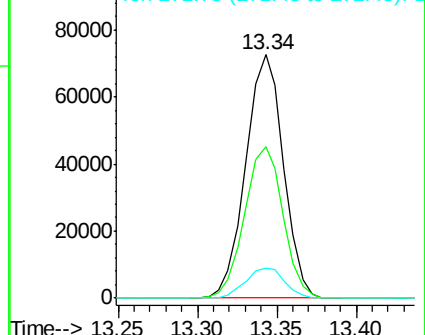
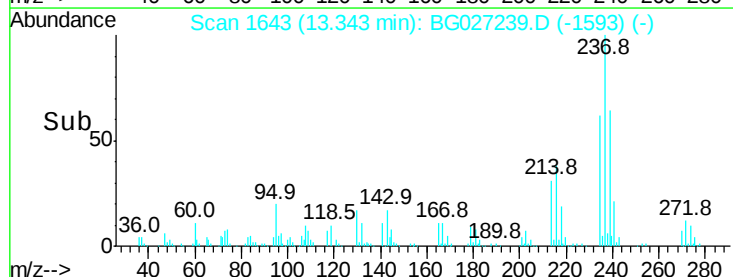
272 12.0 0.0 32.0



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

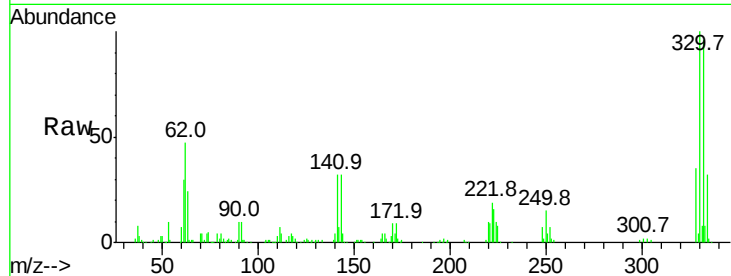




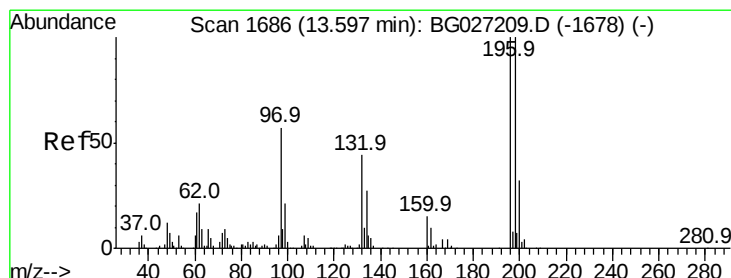
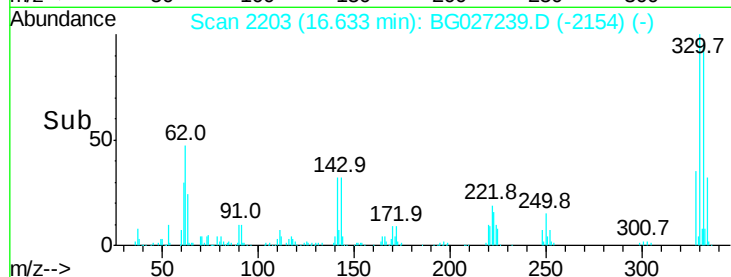
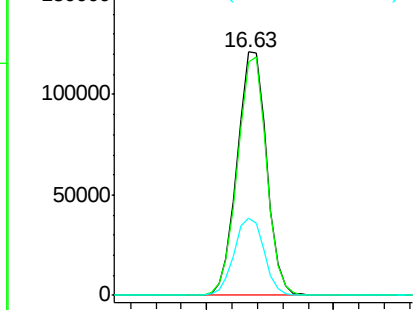
#41
 2,4,6-Tribromophenol
 Concen: 85.65 ng
 RT: 16.63 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BG027239.D
 Acq: 6 Jun 2017 8:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	32.5	32.1	48.1

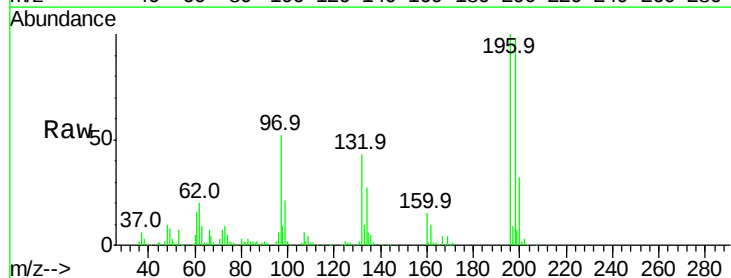


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

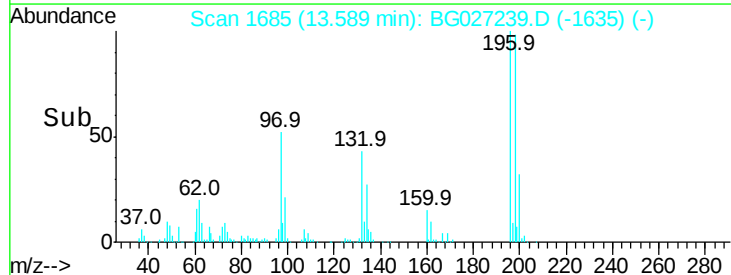
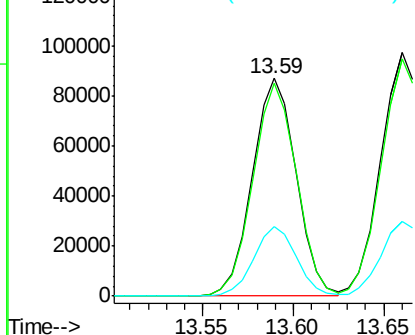


#42
 2,4,6-Trichlorophenol
 Concen: 44.71 ng
 RT: 13.59 min Scan# 1685
 Delta R.T. -0.01 min
 Lab File: BG027239.D
 Acq: 6 Jun 2017 8:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.0	81.4	122.2
200	31.8	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

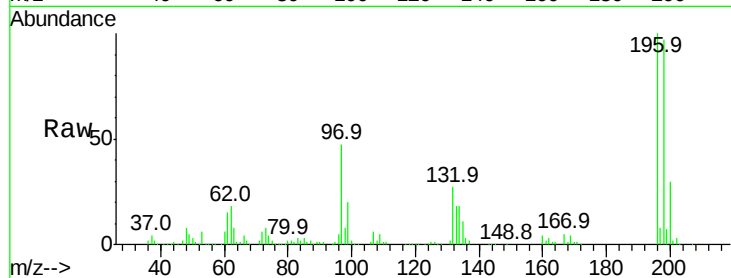




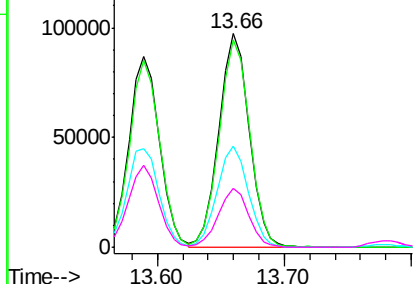
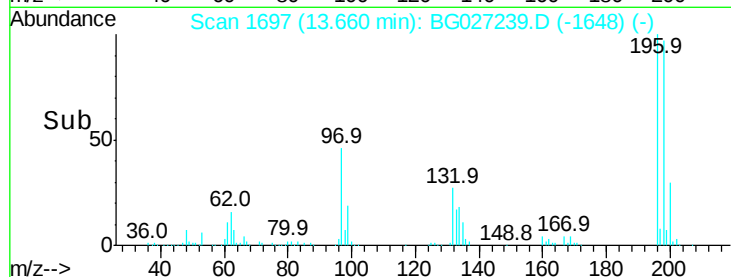
#43
 2,4,5-Trichlorophenol
 Concen: 44.09 ng
 RT: 13.66 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG027239.D
 Acq: 6 Jun 2017 8:23

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	161134
Ion Ratio	100	Lower	Upper
196	100		
198	97.4	79.9	119.9
97	47.3	45.4	68.0
132	27.4	20.7	31.1

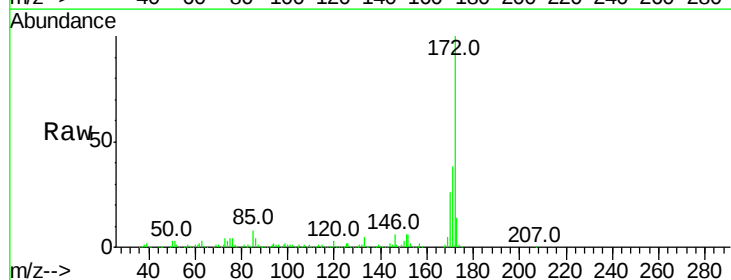


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

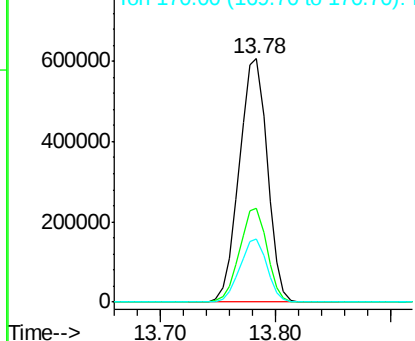
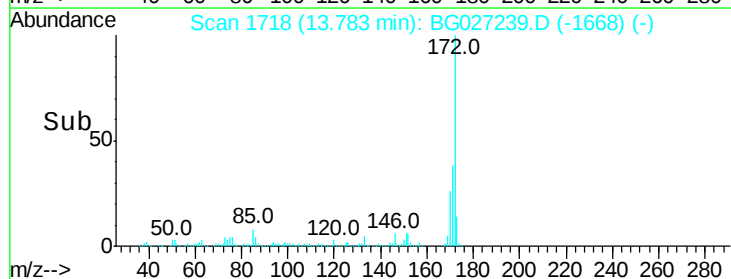


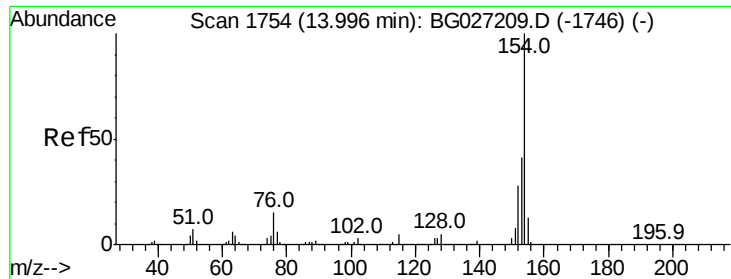
#44
 2-Fluorobiphenyl
 Concen: 82.77 ng
 RT: 13.78 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG027239.D
 Acq: 6 Jun 2017 8:23

Tgt Ion	172	Resp	1022723
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
172	100		
171	38.4	32.2	48.2
170	25.9	21.8	32.6



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

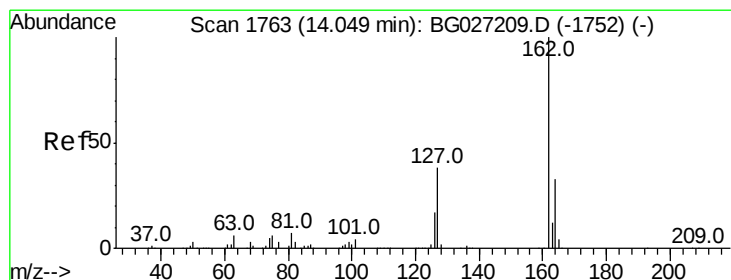
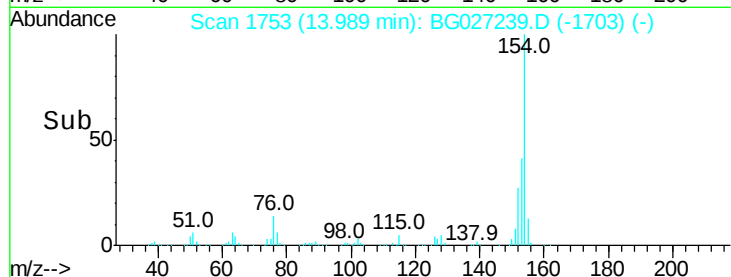
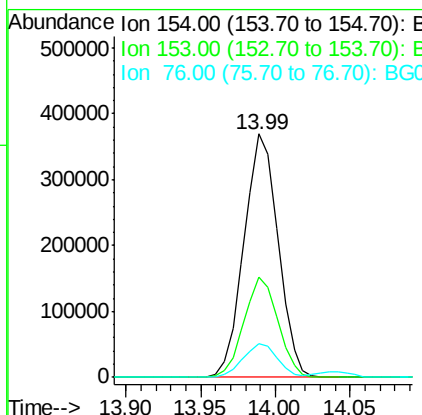
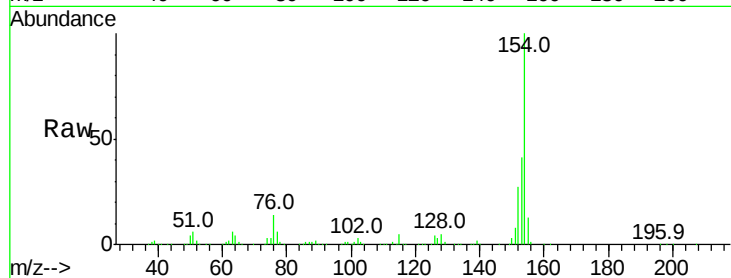




#45
 1,1'-Biphenyl
 Concen: 41.38 ng
 RT: 13.99 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BG027239.D
 Acq: 6 Jun 2017 8:23

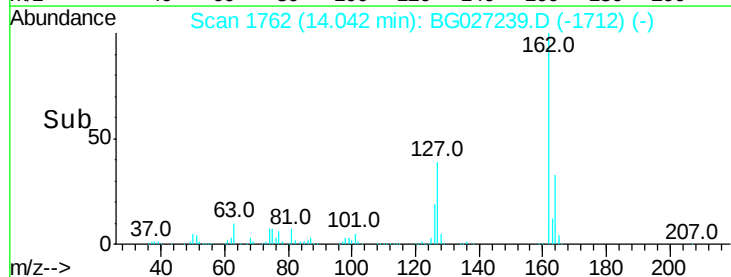
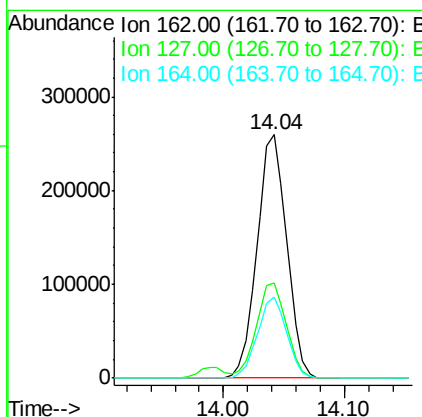
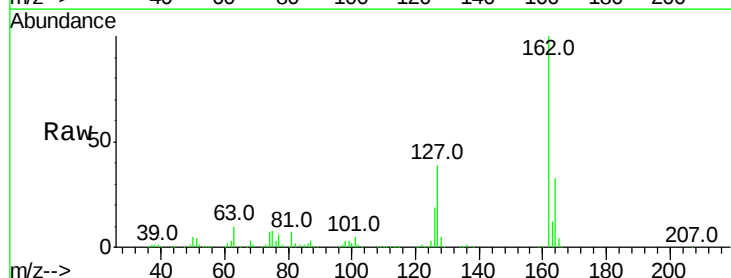
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	23.0	63.0
76	14.1	0.0	33.5



#46
 2-Chloronaphthalene
 Concen: 41.71 ng
 RT: 14.04 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: BG027239.D
 Acq: 6 Jun 2017 8:23

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.2	32.2	48.4
164	33.1	27.3	40.9





#47

2-Nitroaniline

Concen: 44.13 ng

RT: 14.23 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

Instrument :

BNA_G

ClientSampleId :

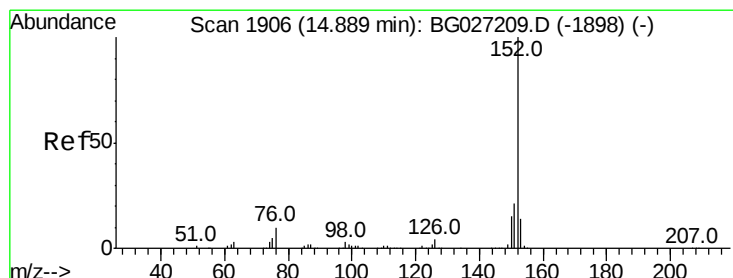
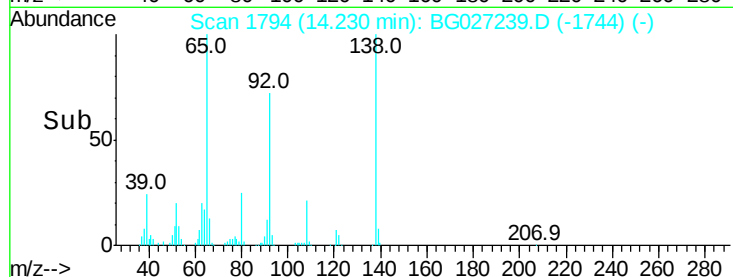
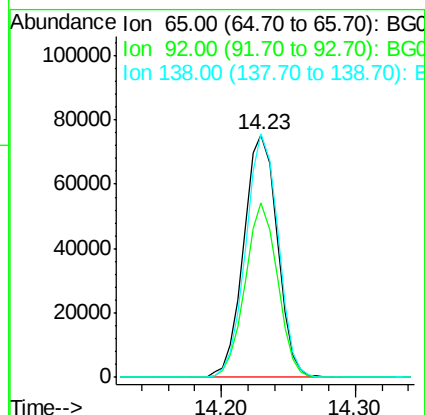
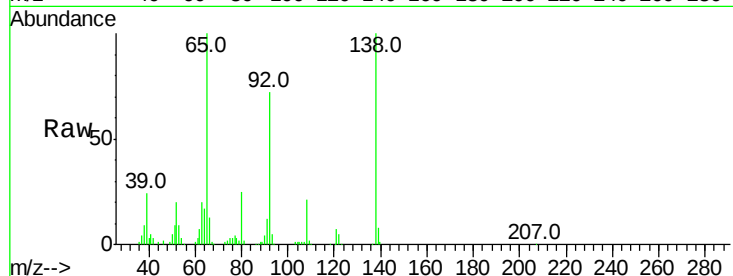
Tot Ion: 65 Resp: 130833

Ion Ratio Lower Upper

65 100

92 71.9 49.0 73.4

138 100.4 58.6 87.8#



#48

Acenaphthylene

Concen: 41.06 ng

RT: 14.88 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

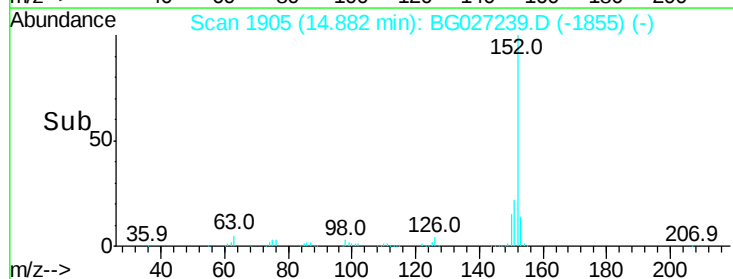
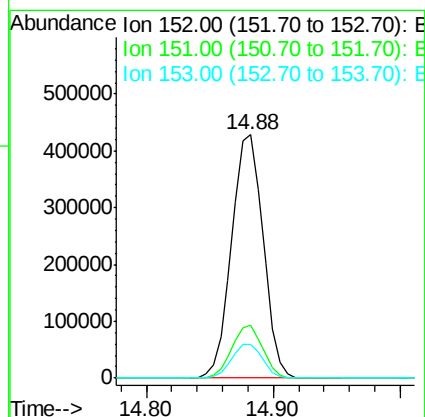
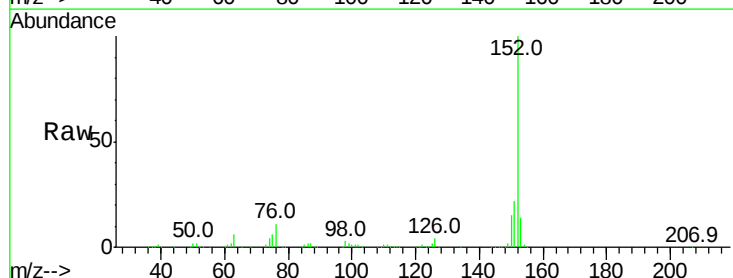
Tgt Ion: 152 Resp: 735046

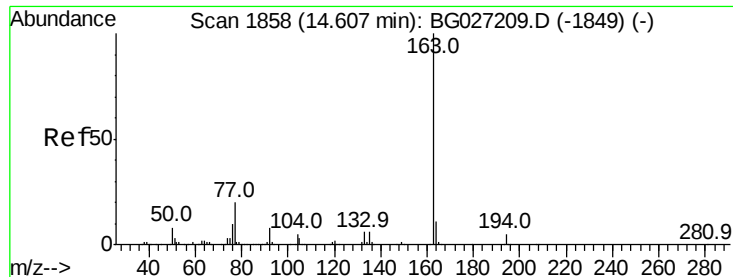
Ion Ratio Lower Upper

152 100

151 21.7 18.2 27.2

153 13.8 11.3 16.9





#49

Dimethylphthalate

Concen: 39.52 ng

RT: 14.59 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BG027239.D

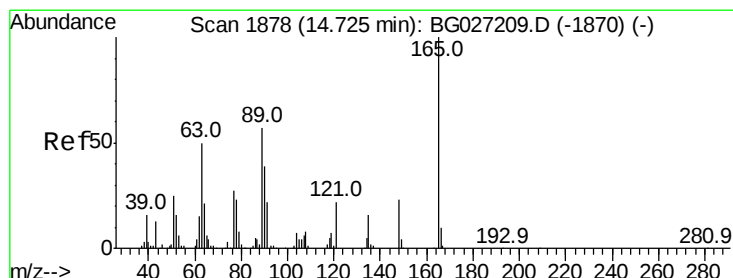
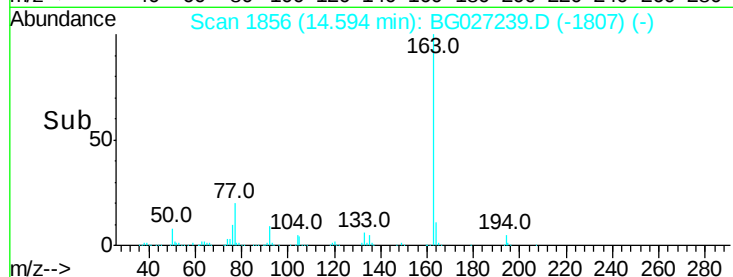
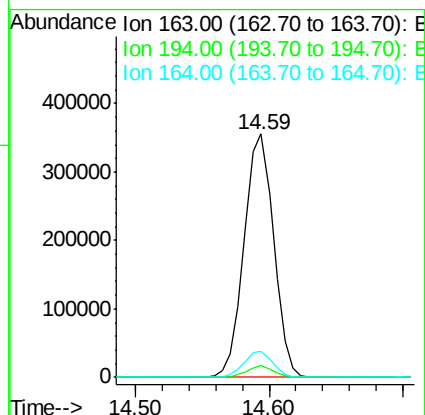
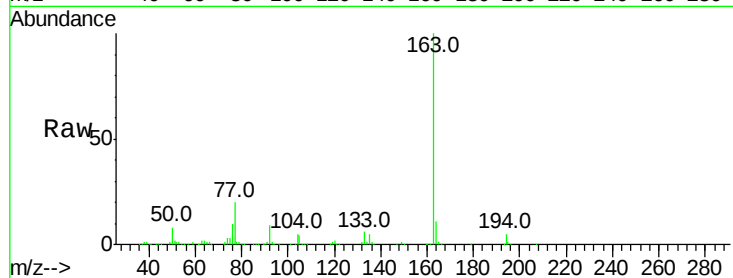
Acq: 6 Jun 2017 8:23

Instrument :

BNA_G

ClientSampleId :

Tot Ion:163	Resp:	541986
Ion Ratio	Lower	Upper
163	100	
194	4.7	3.8 5.6
164	10.6	9.3 13.9



#50

2,6-Dinitrotoluene

Concen: 42.31 ng

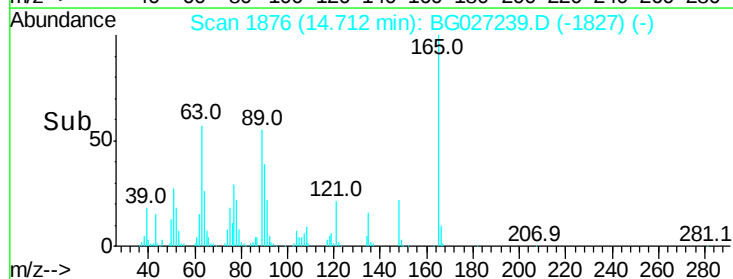
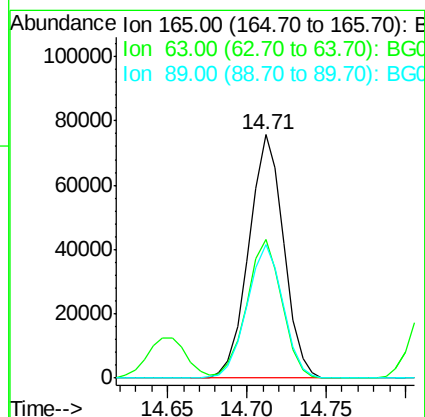
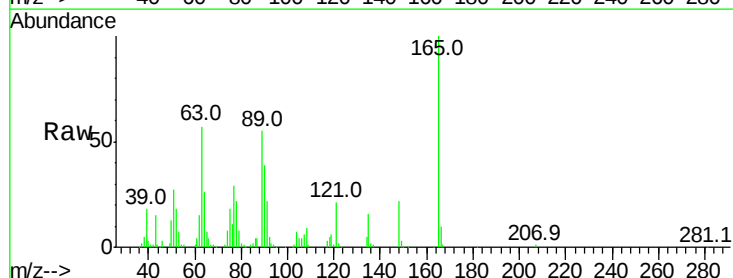
RT: 14.71 min Scan# 1876

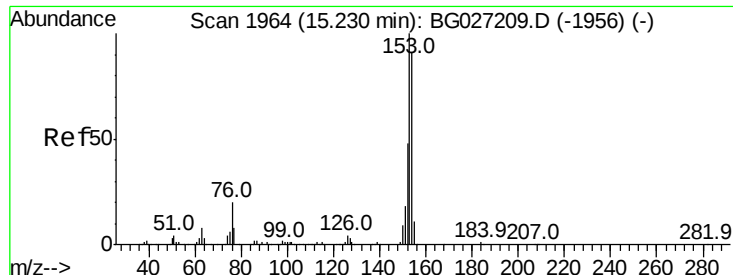
Delta R.T. -0.01 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

Tgt Ion:165	Resp:	115755
Ion Ratio	Lower	Upper
165	100	
63	57.0	63.9 95.9#
89	54.7	58.6 88.0#





#51

Acenaphthene

Concen: 40.47 ng

RT: 15.22 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

Instrument :

BNA_G

ClientSampleId :

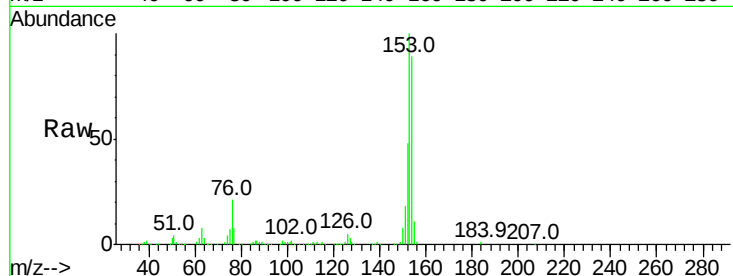
Tot Ion:154 Resp: 471313

Ion Ratio Lower Upper

154 100

153 112.2 87.8 131.6

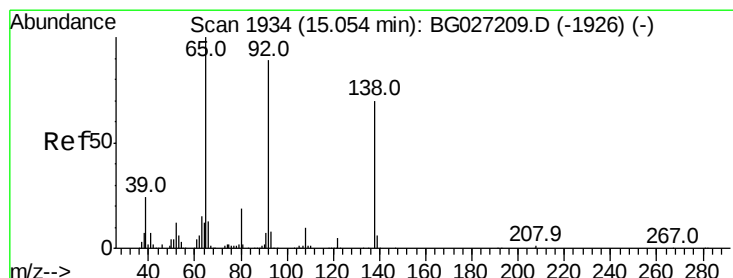
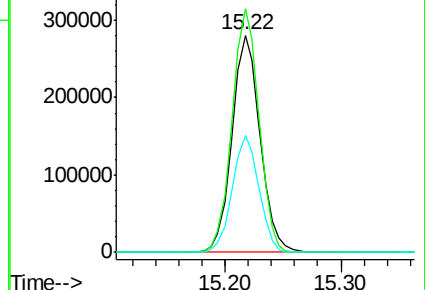
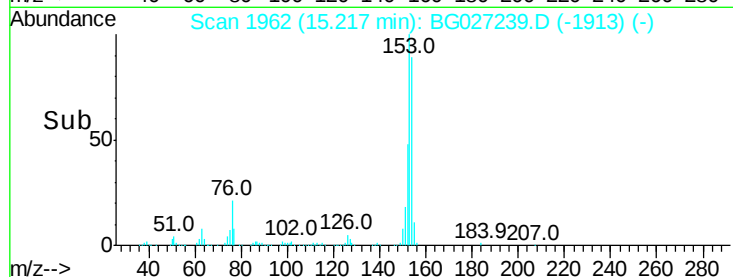
152 53.8 42.2 63.4



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: 41.46 ng

RT: 15.05 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

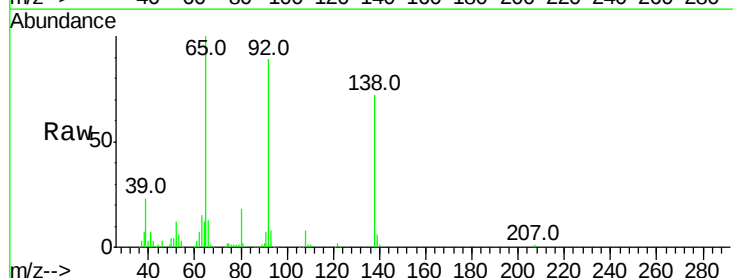
Tgt Ion:138 Resp: 118557

Ion Ratio Lower Upper

138 100

108 11.5 10.9 16.3

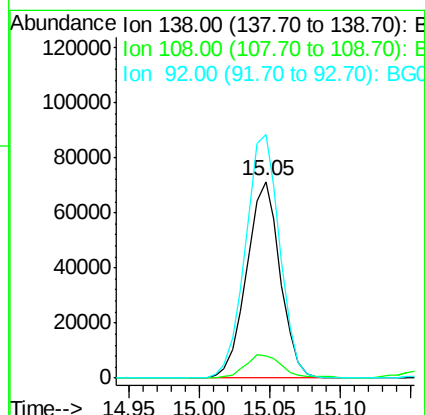
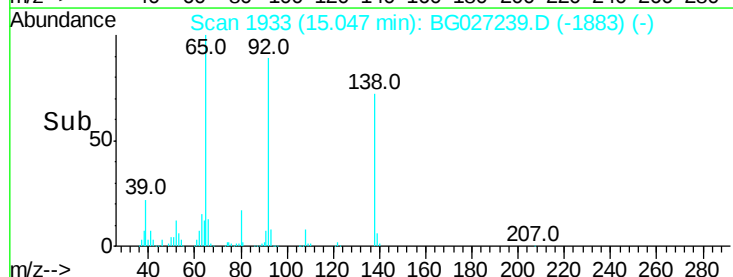
92 124.1 115.3 172.9

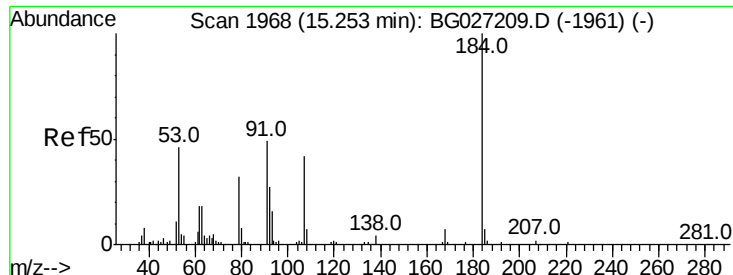


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

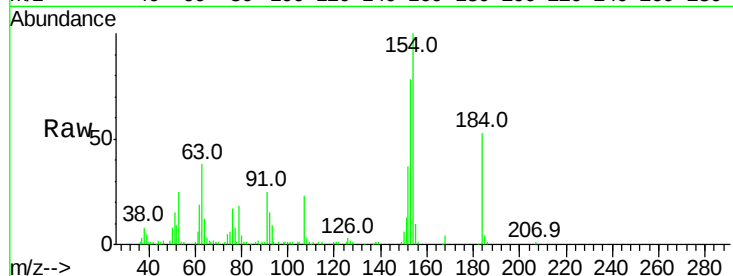




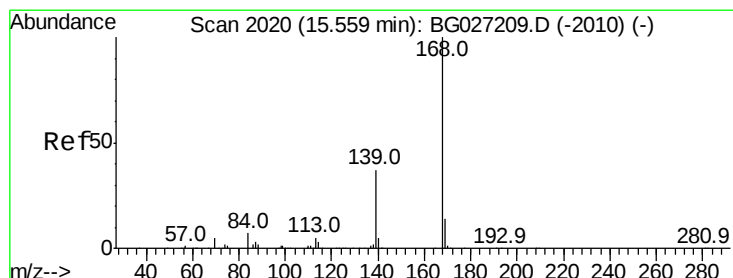
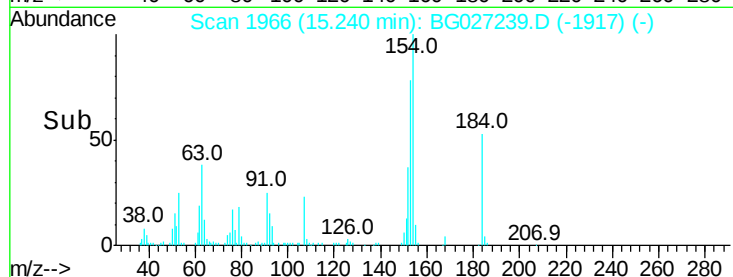
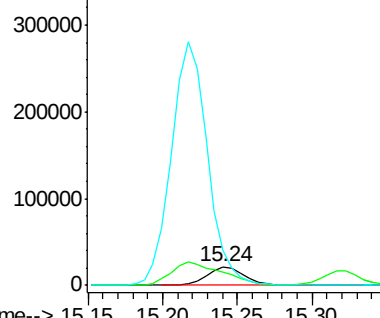
#53
2,4-Dinitrophenol
Concen: 37.95 ng
RT: 15.24 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BG027239.D
Acq: 6 Jun 2017 8:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 37570
Ion Ratio Lower Upper
184 100
63 72.4 52.7 79.1
154 189.0 57.3 85.9#

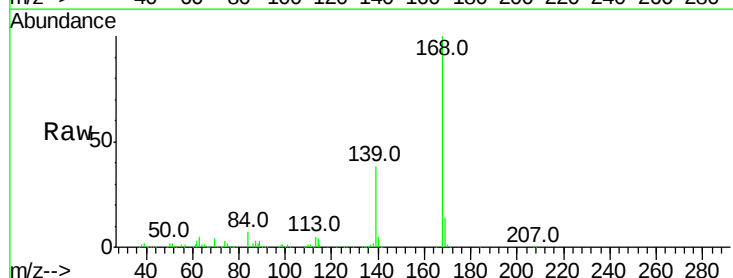


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

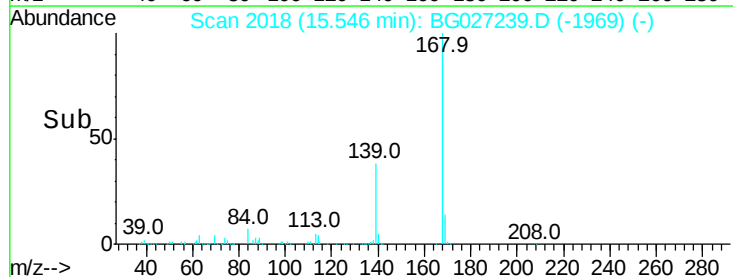
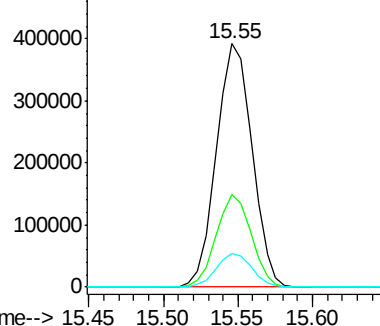


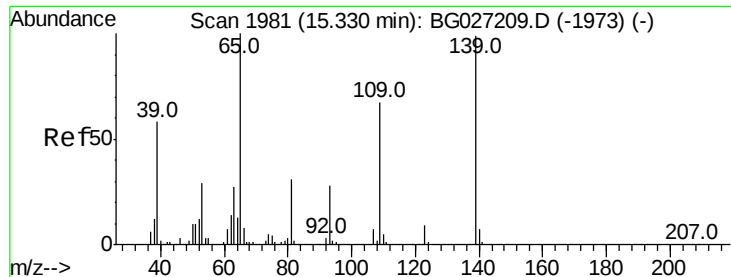
#54
Dibenzofuran
Concen: 39.70 ng
RT: 15.55 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG027239.D
Acq: 6 Jun 2017 8:23

Tgt Ion:168 Resp: 646054
Ion Ratio Lower Upper
168 100
139 37.8 35.3 52.9
169 13.7 11.5 17.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

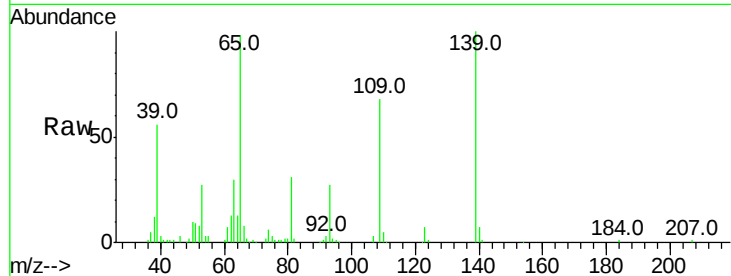




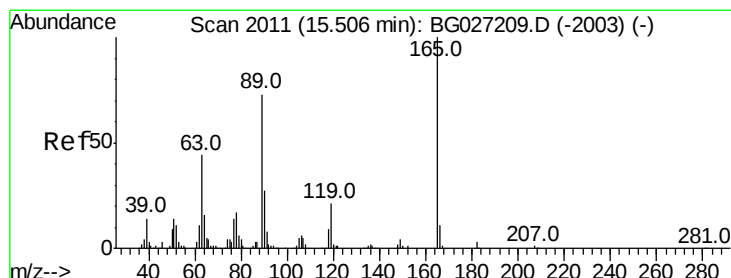
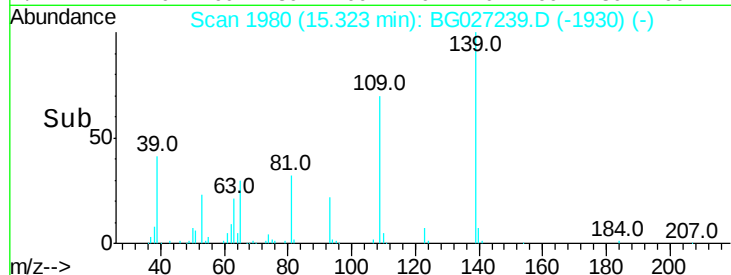
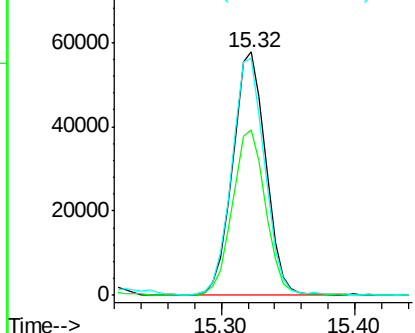
#55
4-Nitrophenol
Concen: 41.54 ng
RT: 15.32 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BG027239.D
Acq: 6 Jun 2017 8:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	67.8	101.2	141.2#
65	97.6	135.3	175.3#

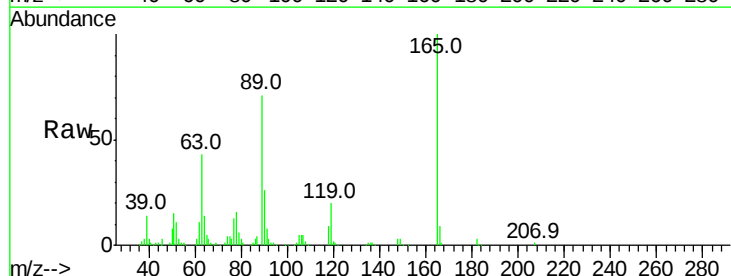


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

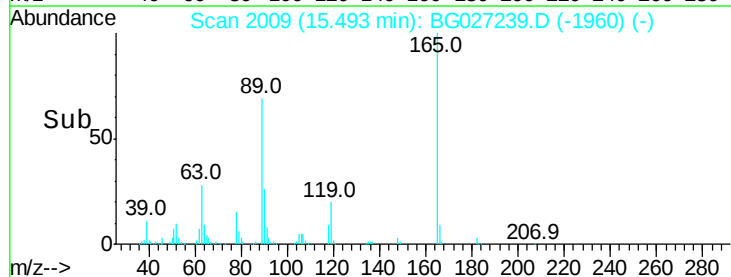
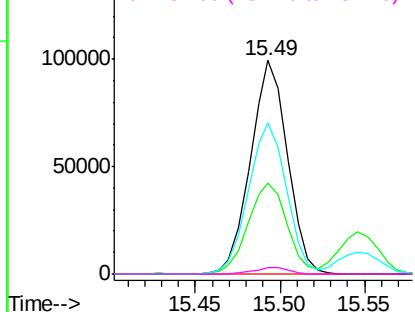


#56
2,4-Dinitrotoluene
Concen: 43.17 ng
RT: 15.49 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG027239.D
Acq: 6 Jun 2017 8:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.8	44.0	66.0#
89	70.7	67.3	100.9
182	3.1	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: 39.62 ng

RT: 16.20 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

Instrument :

BNA_G

ClientSampleId :

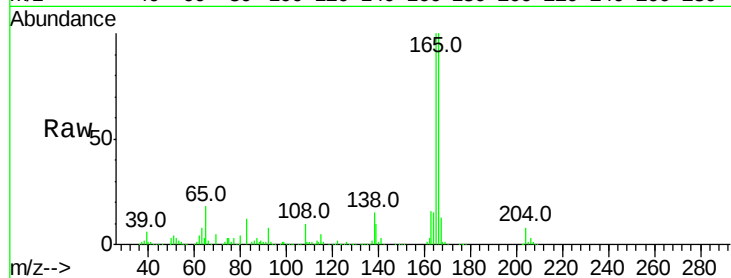
Tot Ion:166 Resp: 572626

Ion Ratio Lower Upper

166 100

165 99.6 78.6 117.8

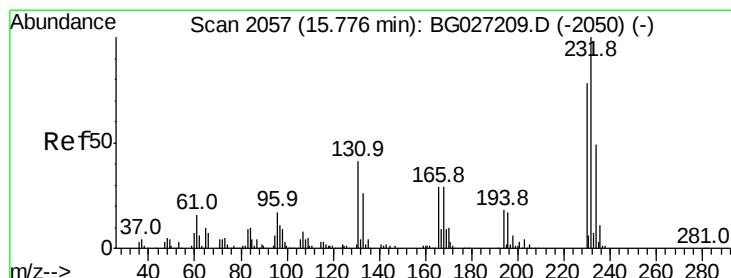
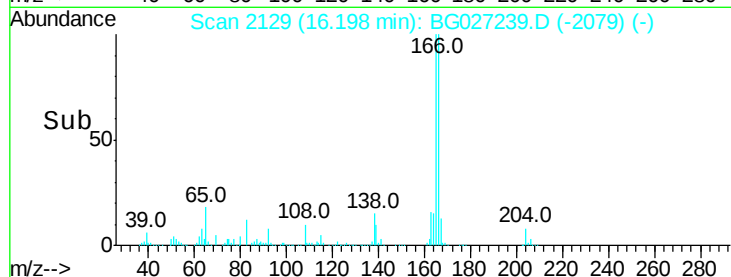
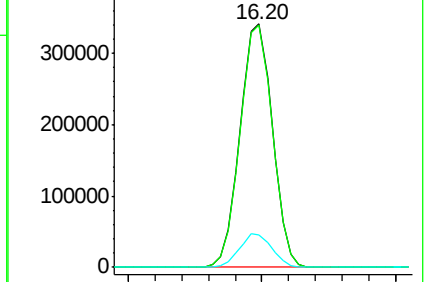
167 13.2 11.6 17.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.95 ng

RT: 15.76 min Scan# 2055

Delta R.T. -0.01 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

Tgt Ion:232 Resp: 136879

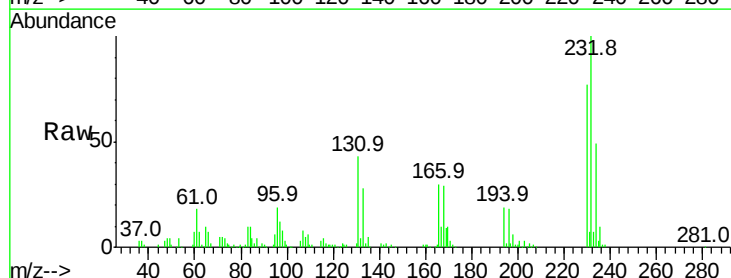
Ion Ratio Lower Upper

232 100

131 43.5 34.9 52.3

130 2.5 2.3 3.5

166 30.4 24.2 36.4

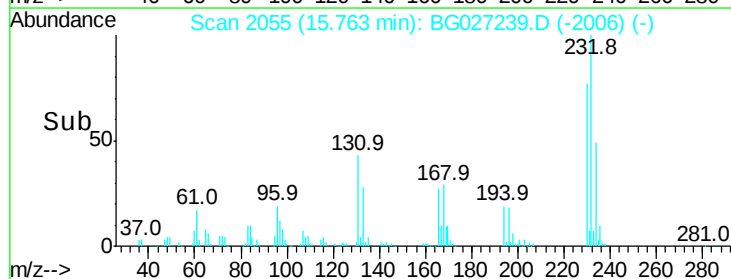
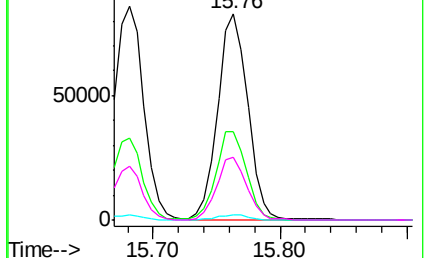


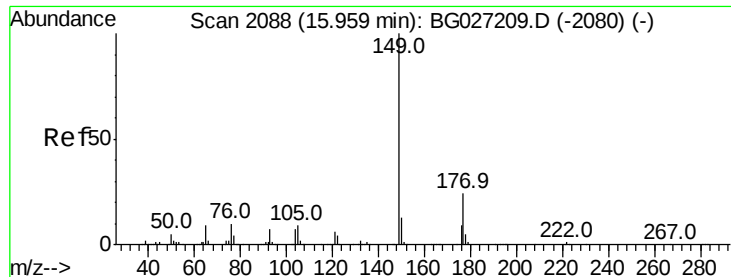
Abundance Ion 232.00 (231.70 to 232.70): E

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

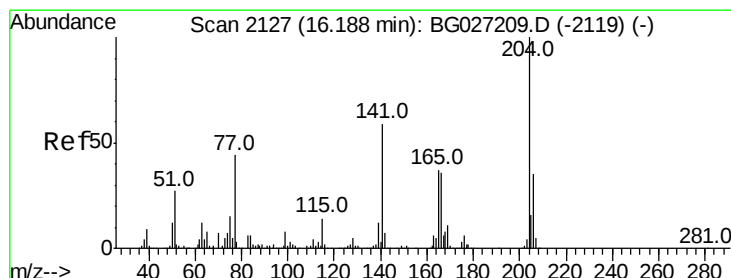
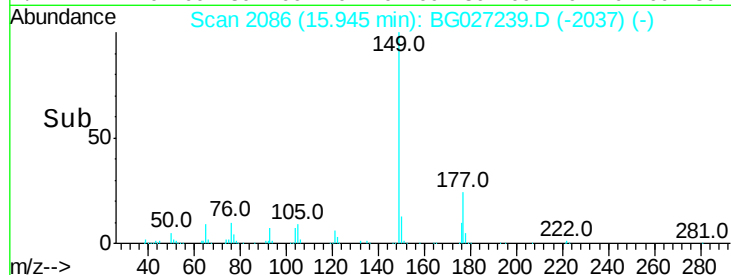
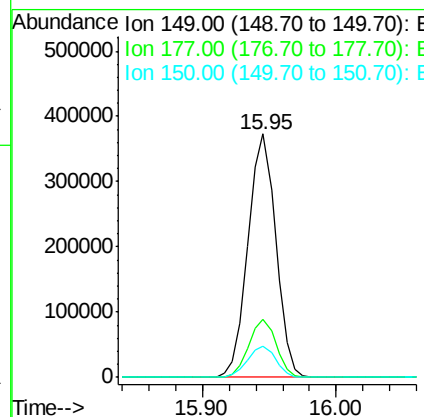
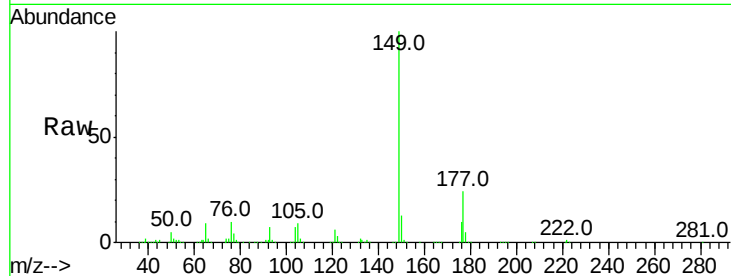




#59
Diethylphthalate
Concen: 38.99 ng
RT: 15.95 min Scan# 2086
Delta R.T. -0.01 min
Lab File: BG027239.D
Acq: 6 Jun 2017 8:23

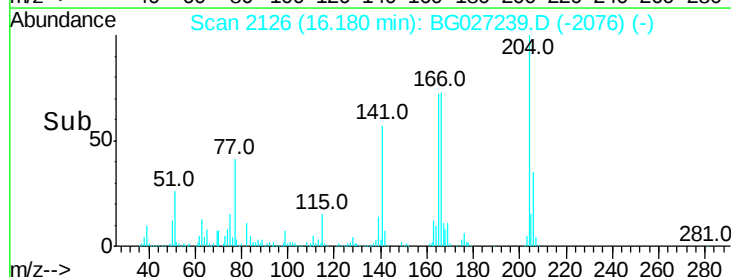
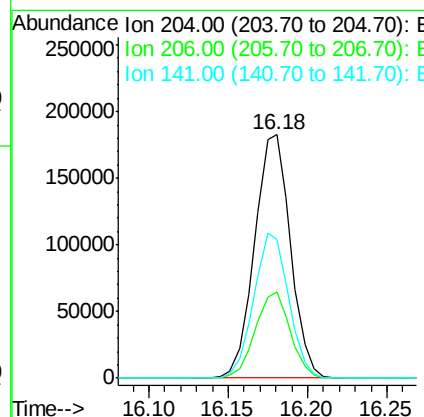
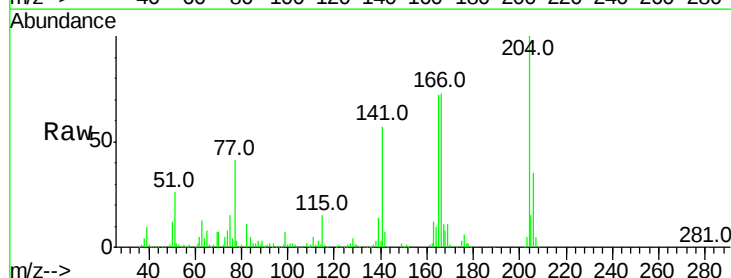
Instrument :
BNA_G
ClientSampleId :

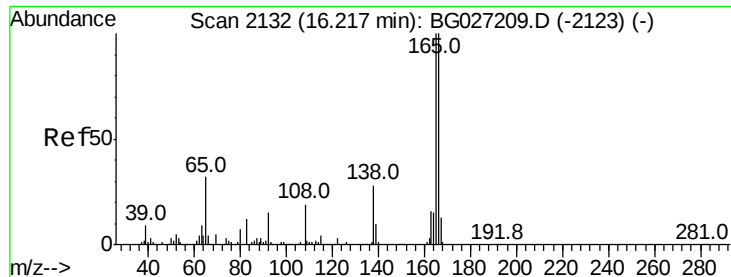
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.9	20.1	30.1
150	13.0	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.47 ng
RT: 16.18 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG027239.D
Acq: 6 Jun 2017 8:23

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.3	30.1	45.1
141	56.8	50.6	76.0





#61

4-Nitroaniline

Concen: 41.45 ng

RT: 16.20 min Scan# 2130

Delta R.T. -0.01 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

Instrument :

BNA_G

ClientSampleId :

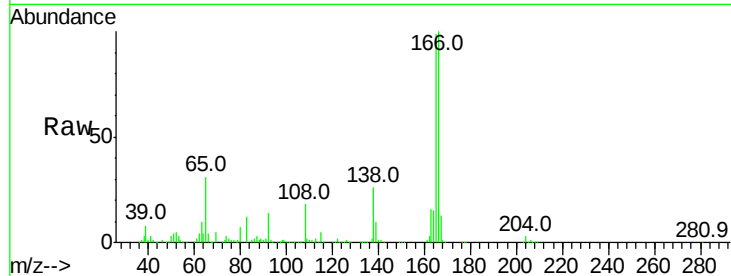
Tot Ion:138 Resp: 119852

Ion Ratio Lower Upper

138 100

92 54.1 44.2 84.2

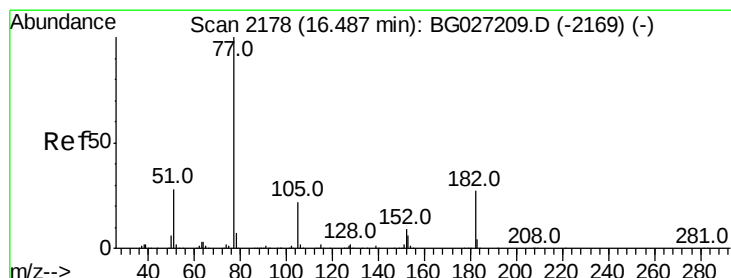
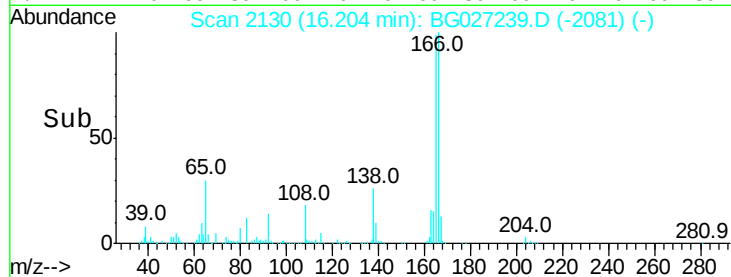
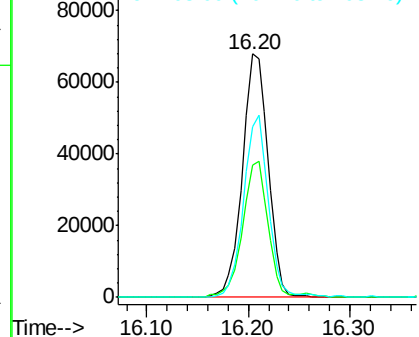
108 70.0 104.8 144.8#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.00 ng

RT: 16.47 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

Tgt Ion: 77 Resp: 507037

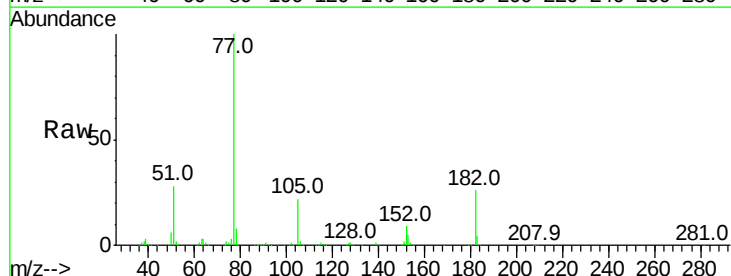
Ion Ratio Lower Upper

77 100

182 26.0 4.7 44.7

105 21.8 0.0 36.3

51 27.8 16.4 56.4

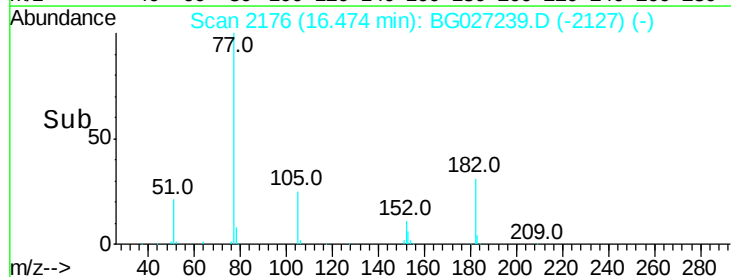
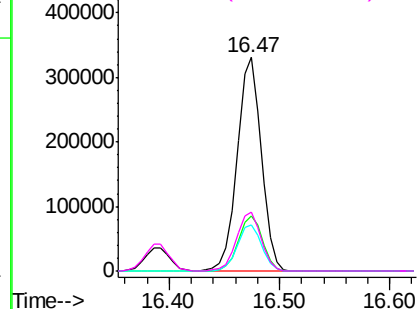


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.90 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

Instrument :

BNA_G

ClientSampleId :

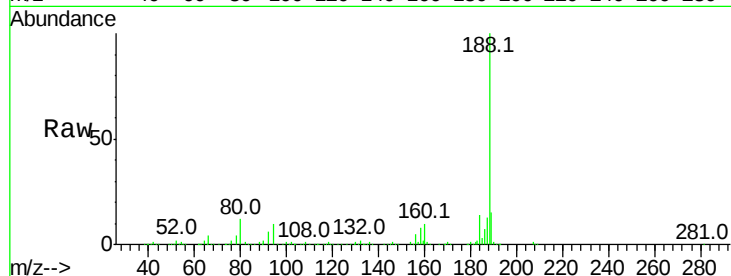
Tot Ion:188 Resp: 373246

Ion Ratio Lower Upper

188 100

94 9.8 5.8 8.8#

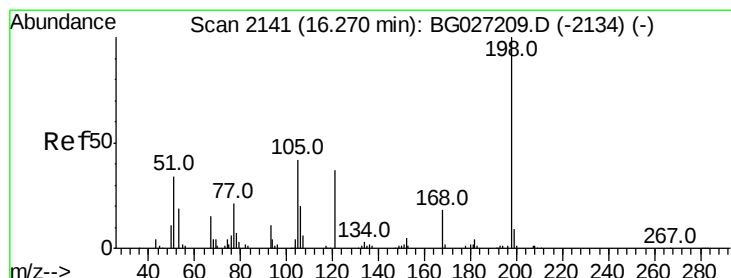
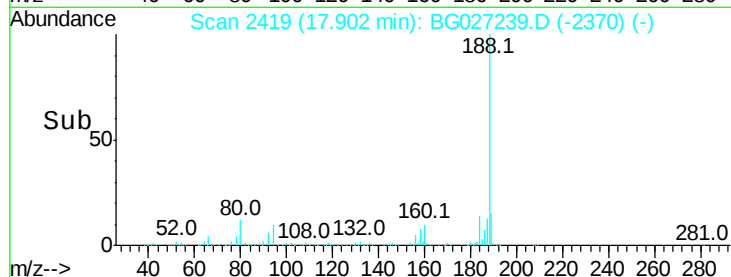
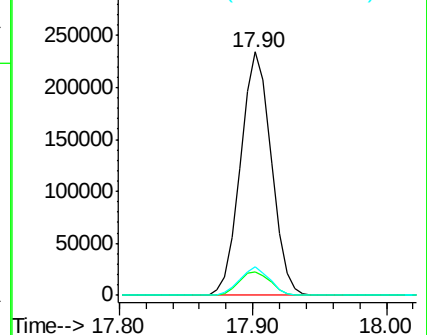
80 11.5 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 45.32 ng

RT: 16.26 min Scan# 2139

Delta R.T. -0.01 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

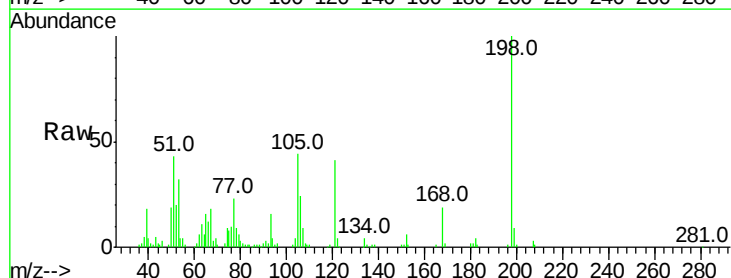
Tgt Ion:198 Resp: 73524

Ion Ratio Lower Upper

198 100

51 42.9 22.6 62.6

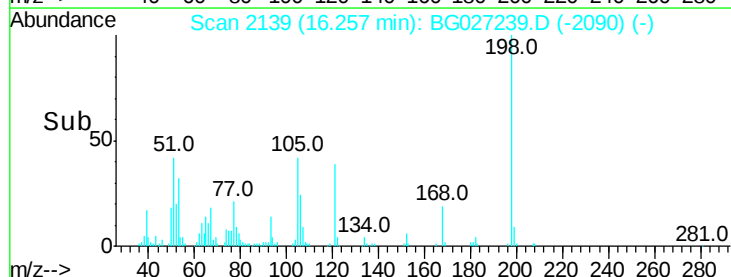
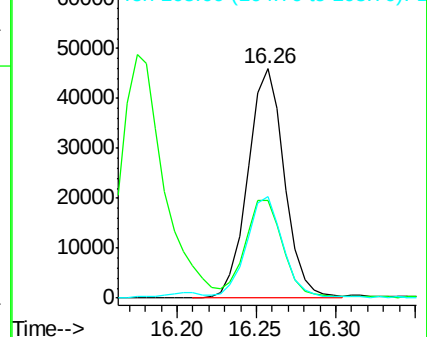
105 44.2 14.4 54.4

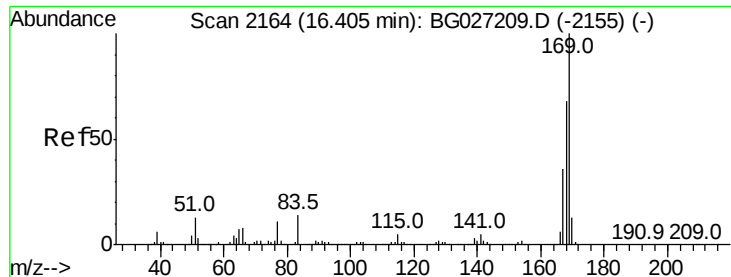


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.20 ng

RT: 16.39 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

Instrument :

BNA_G

ClientSampleId :

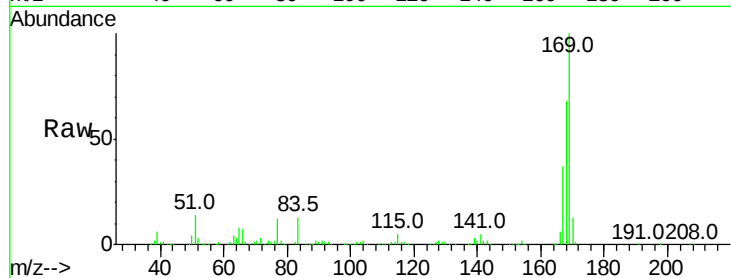
Tot Ion:169 Resp: 482110

Ion Ratio Lower Upper

169 100

168 68.4 55.7 83.5

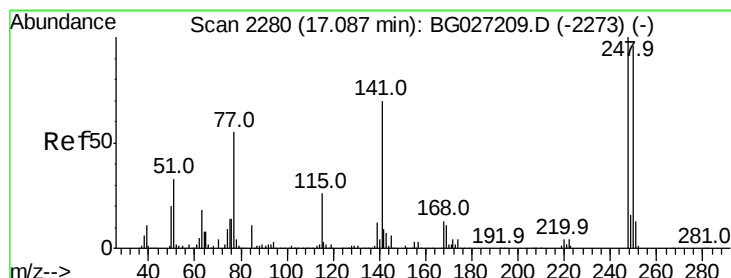
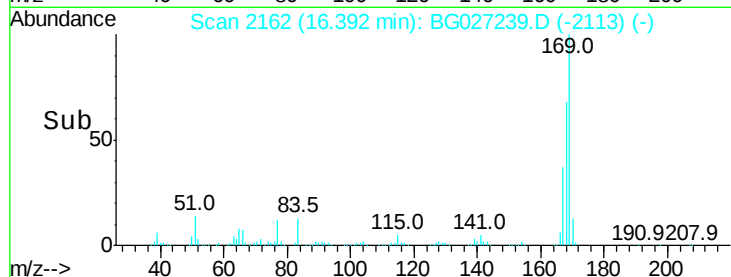
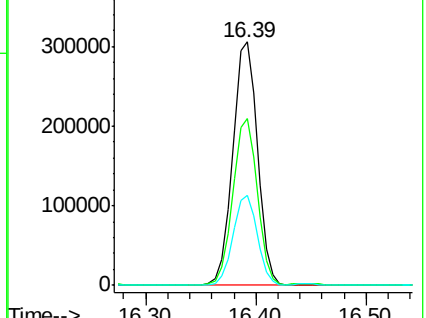
167 37.1 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.05 ng

RT: 17.07 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

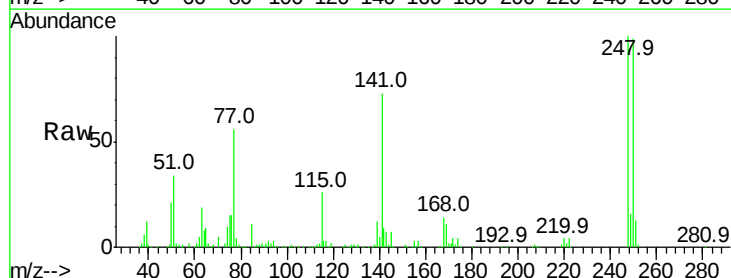
Tgt Ion:248 Resp: 181360

Ion Ratio Lower Upper

248 100

250 99.3 75.0 112.6

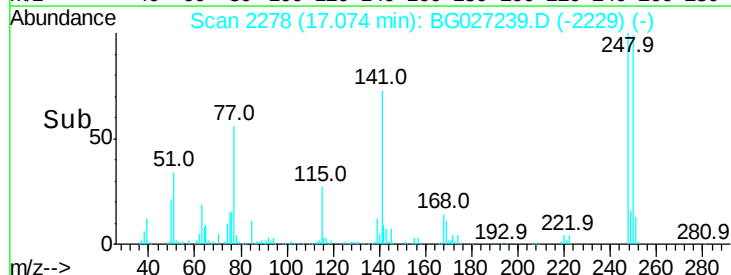
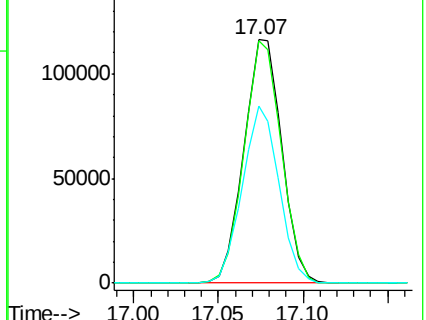
141 72.9 55.2 82.8

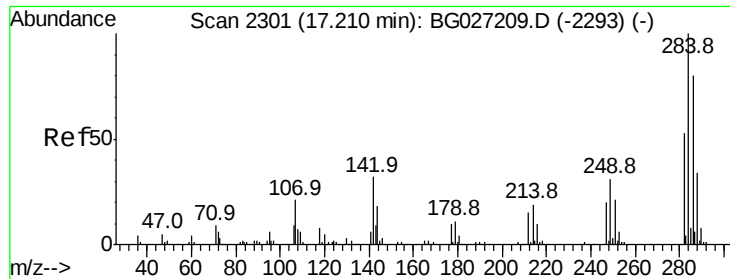


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

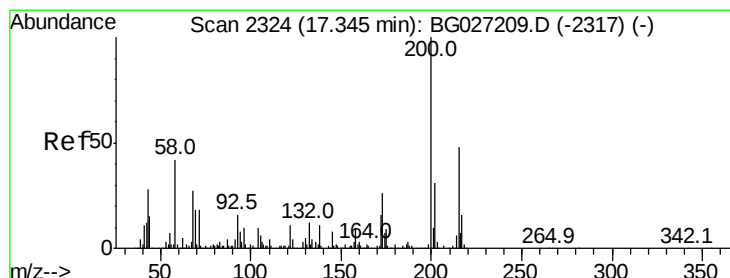
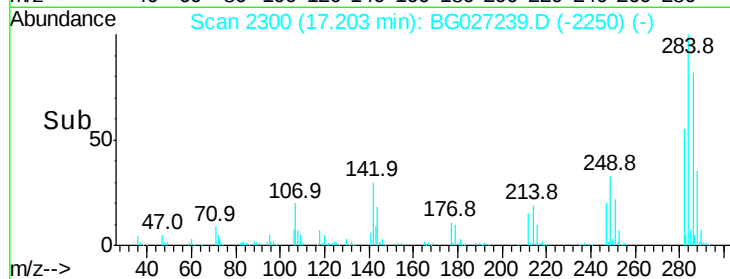
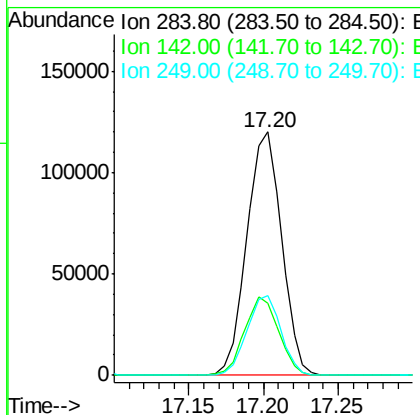
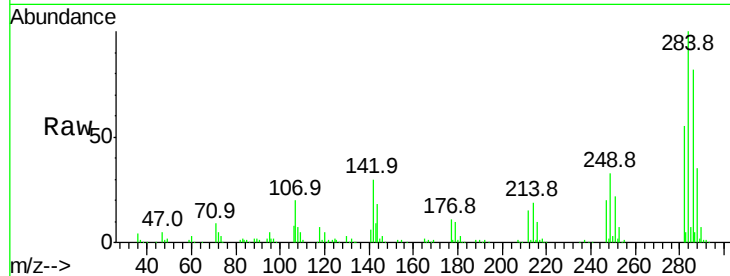




#67
Hexachlorobenzene
Concen: 40.58 ng
RT: 17.20 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BG027239.D
Acq: 6 Jun 2017 8:23

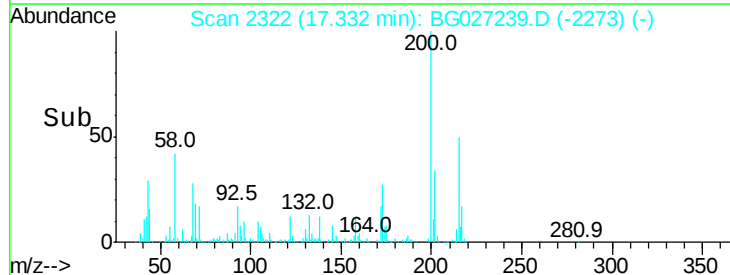
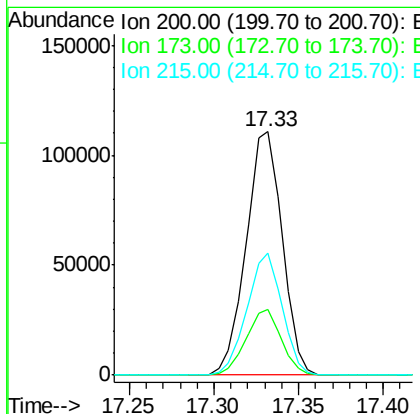
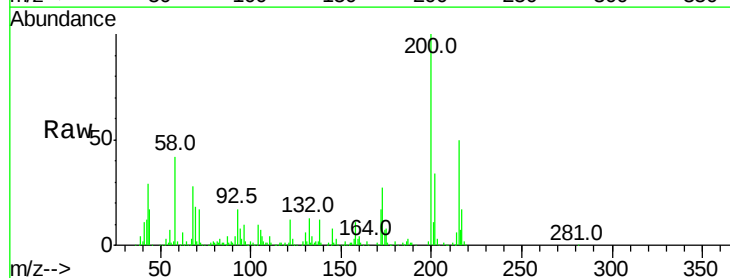
Instrument :
BNA_G
ClientSampleId :

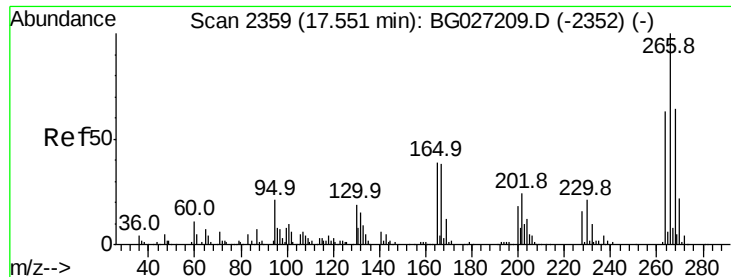
Tot Ion:284 Resp: 192831
Ion Ratio Lower Upper
284 100
142 29.7 29.9 44.9#
249 32.9 29.2 43.8



#68
Atrazine
Concen: 42.06 ng
RT: 17.33 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG027239.D
Acq: 6 Jun 2017 8:23

Tgt Ion:200 Resp: 164576
Ion Ratio Lower Upper
200 100
173 26.8 3.0 43.0
215 50.3 28.4 68.4





#69

Pentachlorophenol

Concen: 40.87 ng

RT: 17.54 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

Instrument :

BNA_G

ClientSampleId :

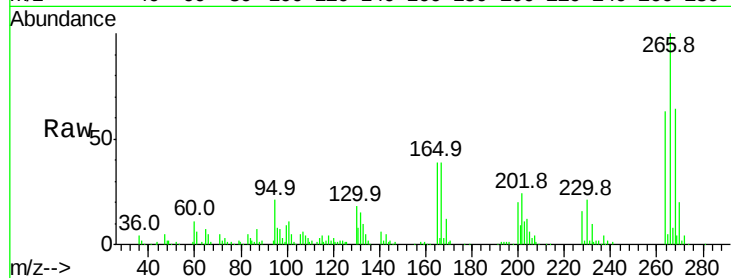
Tot Ion:266 Resp: 113832

Ion Ratio Lower Upper

266 100

268 64.0 48.6 72.8

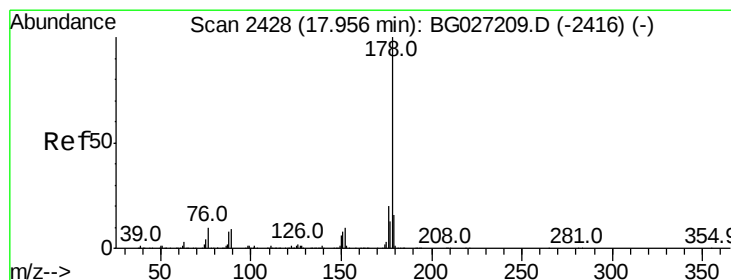
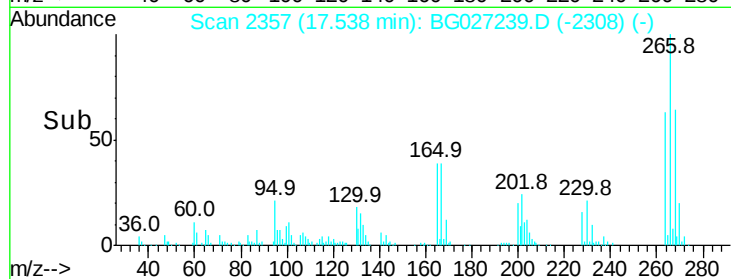
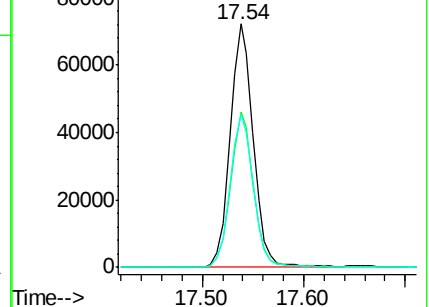
264 62.7 50.1 75.1



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: 40.18 ng

RT: 17.95 min Scan# 2427

Delta R.T. -0.01 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

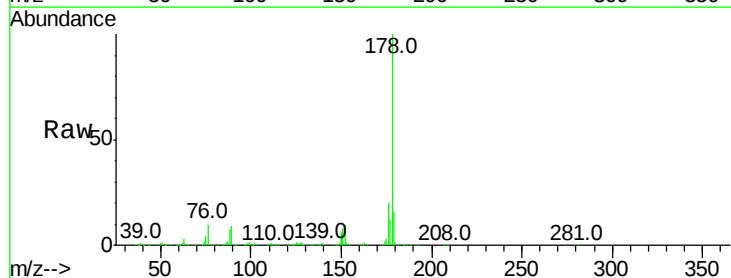
Tgt Ion:178 Resp: 843826

Ion Ratio Lower Upper

178 100

176 20.2 17.7 26.5

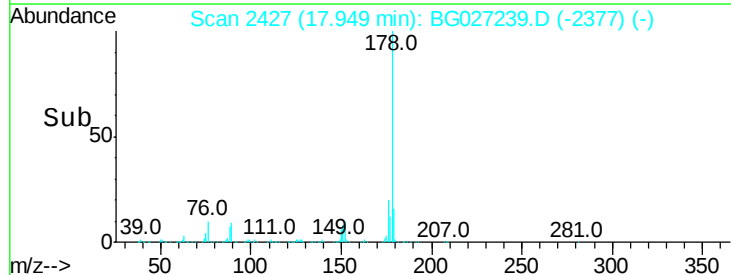
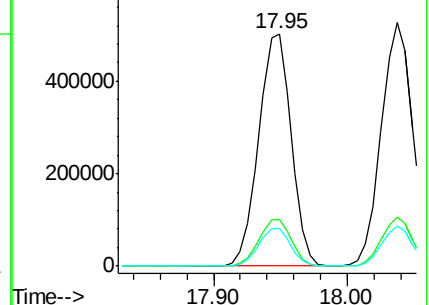
179 15.9 15.0 22.6



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

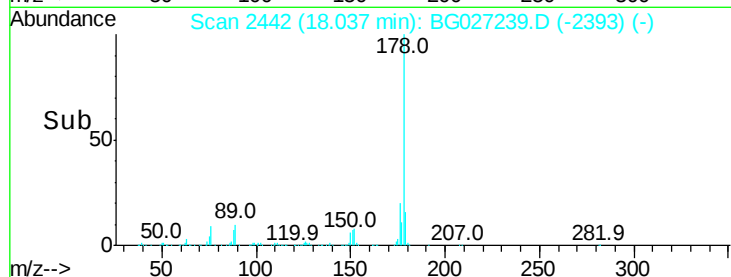
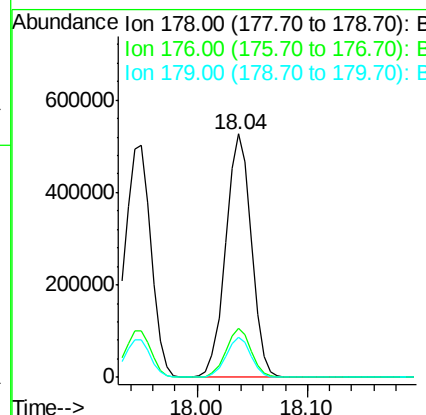
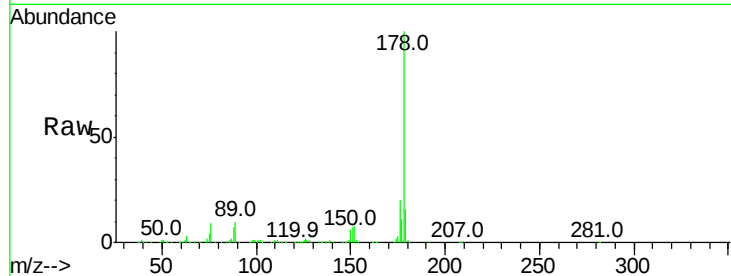




#71
 Anthracene
 Concen: 40.70 ng
 RT: 18.04 min Scan# 2442
 Delta R.T. -0.01 min
 Lab File: BG027239.D
 Acq: 6 Jun 2017 8:23

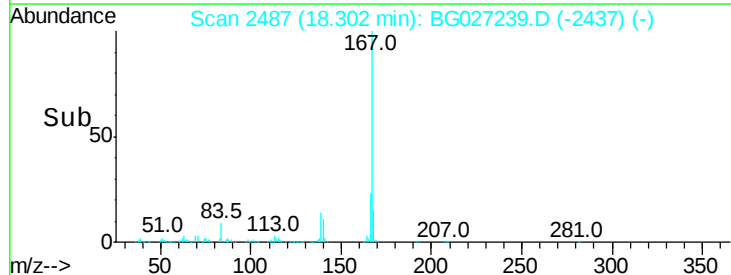
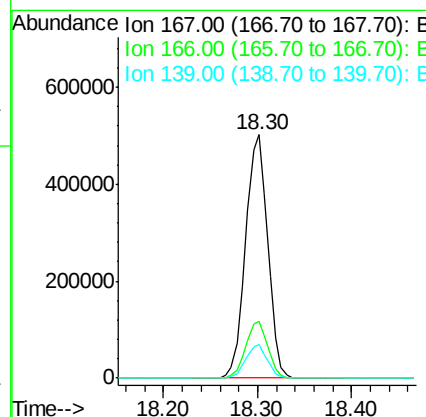
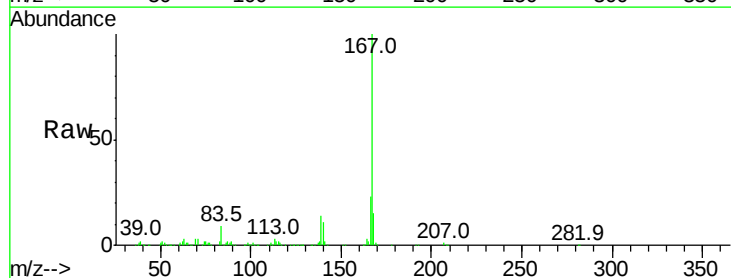
Instrument :
 BNA_G
 ClientSampleId :

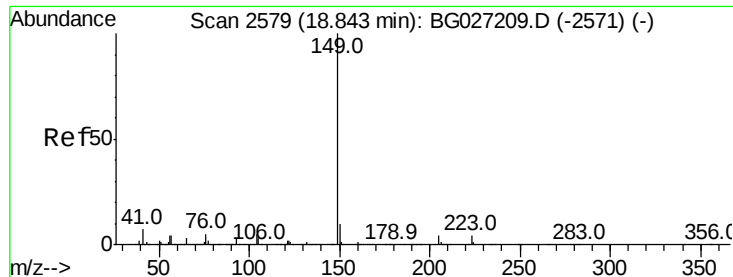
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.4	24.6
179	16.5	13.8	20.8



#72
 Carbazole
 Concen: 41.09 ng
 RT: 18.30 min Scan# 2487
 Delta R.T. -0.01 min
 Lab File: BG027239.D
 Acq: 6 Jun 2017 8:23

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.5	20.2	30.2
139	13.7	12.8	19.2





#73

Di-n-butylphthalate

Concen: 43.98 ng

RT: 18.83 min Scan# 2577

Delta R.T. -0.01 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

Instrument :

BNA_G

ClientSampleId :

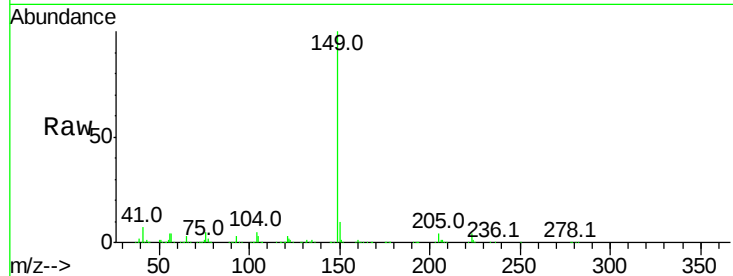
Tot Ion:149 Resp: 846170

Ion Ratio Lower Upper

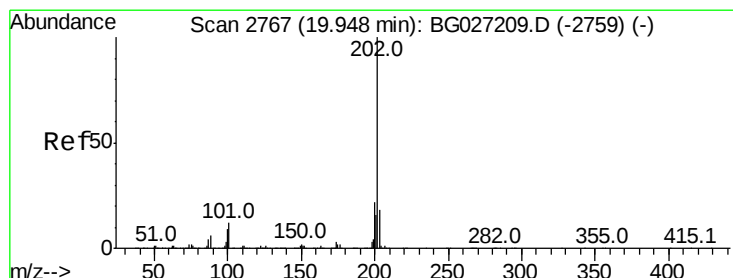
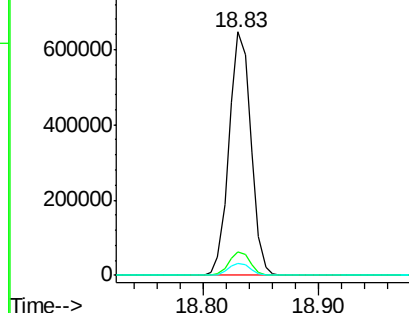
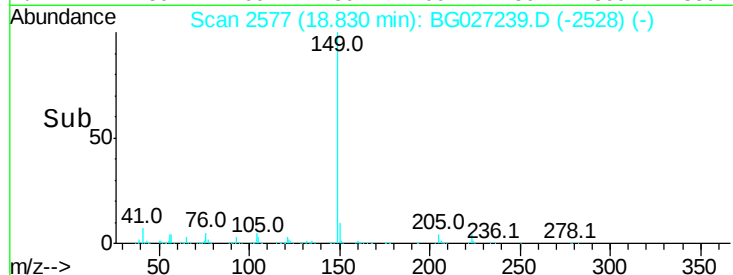
149 100

150 9.8 9.1 13.7

104 5.1 6.7 10.1#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.56 ng

RT: 19.93 min Scan# 2765

Delta R.T. -0.01 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

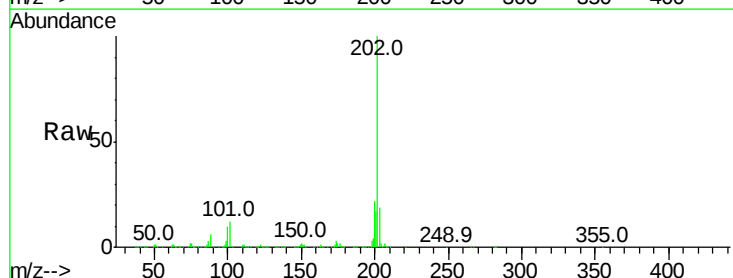
Tgt Ion:202 Resp: 954823

Ion Ratio Lower Upper

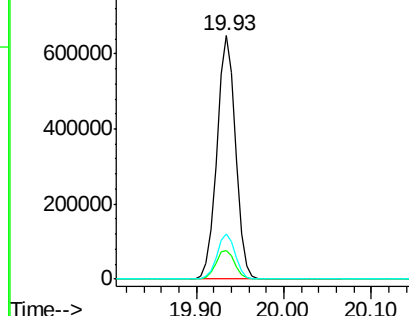
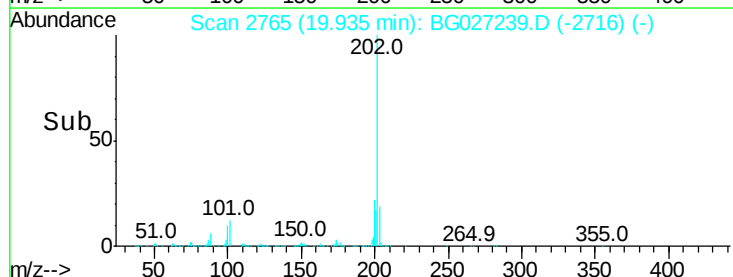
202 100

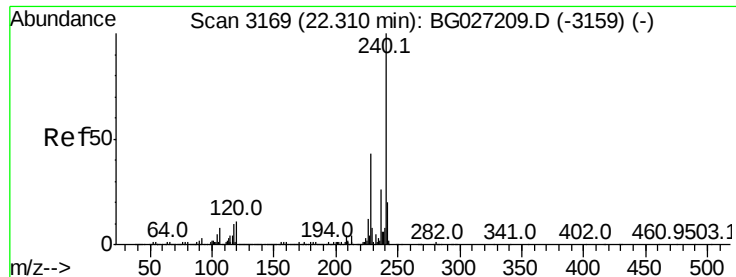
101 11.7 0.0 30.1

203 18.8 1.3 41.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.30 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

Instrument :

BNA_G

ClientSampleId :

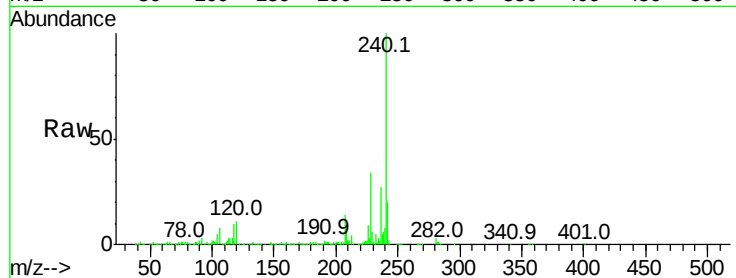
Tot Ion:240 Resp: 430824

Ion Ratio Lower Upper

240 100

120 10.6 5.7 8.5#

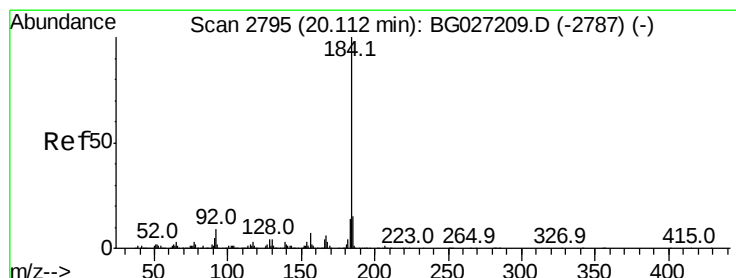
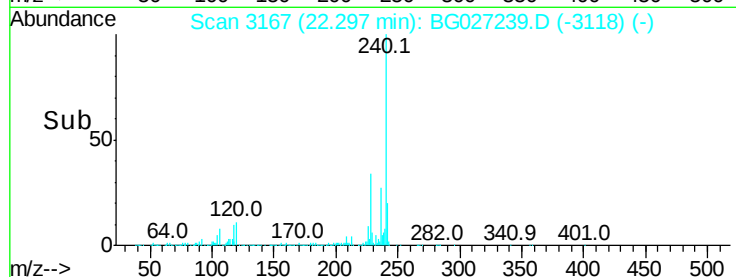
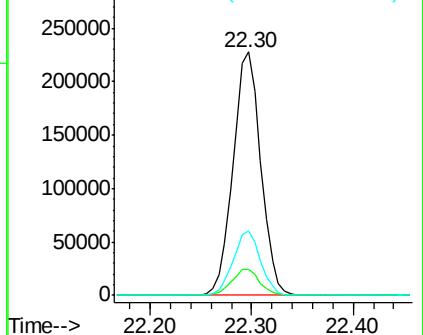
236 26.6 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.06 ng

RT: 20.10 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

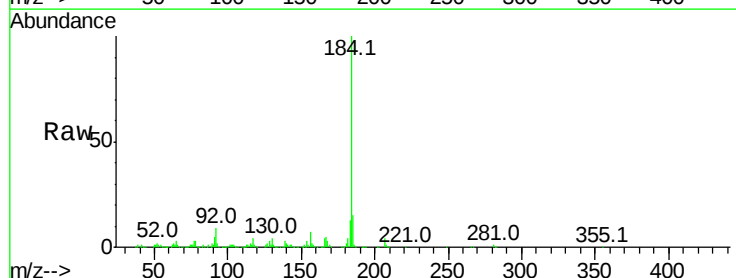
Tgt Ion:184 Resp: 493881

Ion Ratio Lower Upper

184 100

185 14.8 13.0 19.6

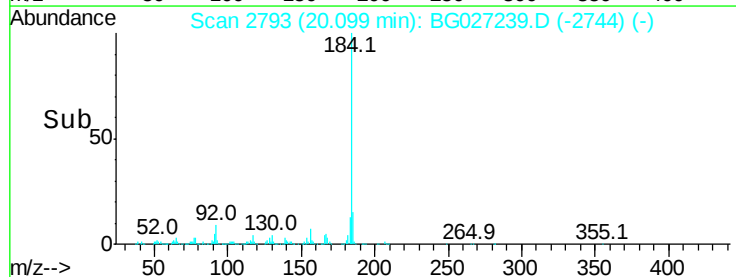
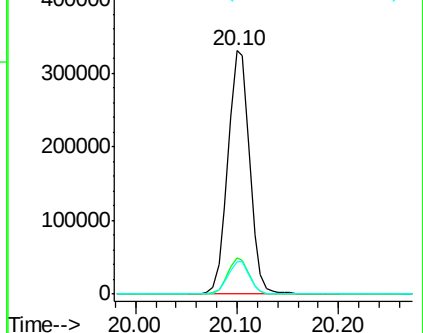
183 13.3 11.0 16.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.36 ng

RT: 20.30 min Scan# 2827

Delta R.T. -0.01 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

Instrument :

BNA_G

ClientSampleId :

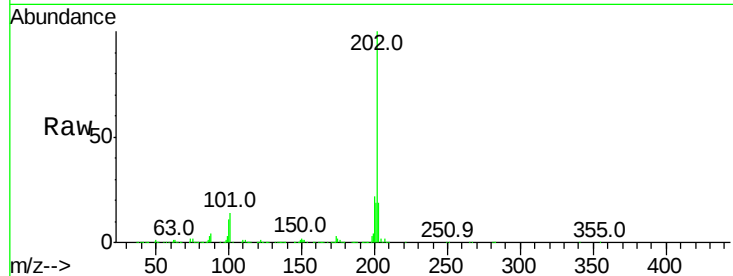
Tot Ion:202 Resp: 998445

Ion Ratio Lower Upper

202 100

200 22.4 19.6 29.4

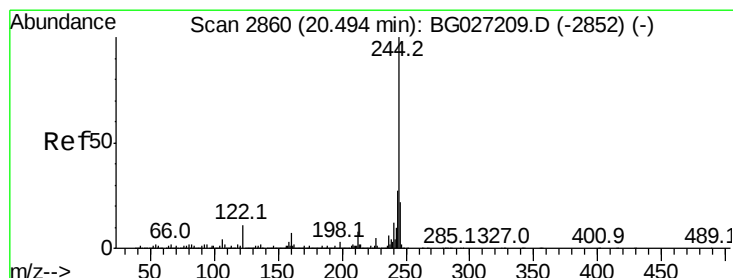
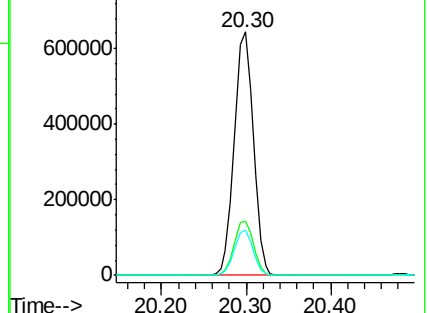
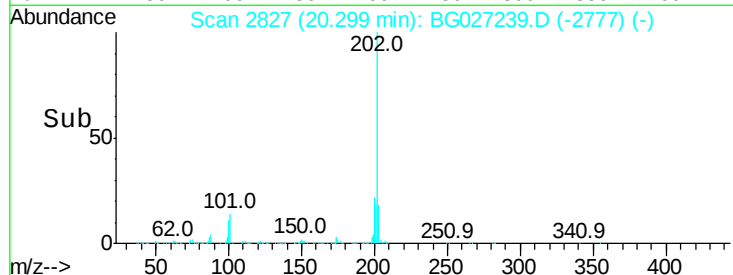
203 18.5 15.8 23.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 79.66 ng

RT: 20.48 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

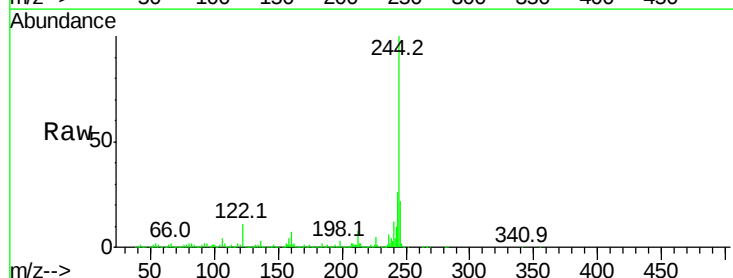
Tgt Ion:244 Resp: 1345264

Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

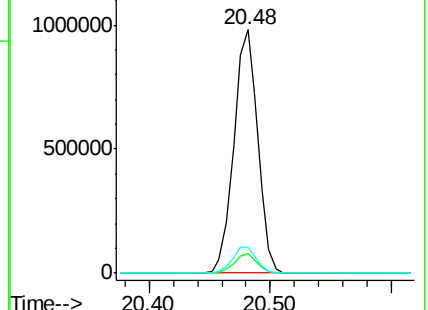
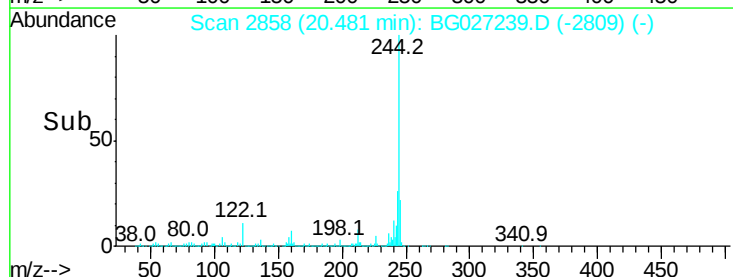
122 10.8 8.6 12.8



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

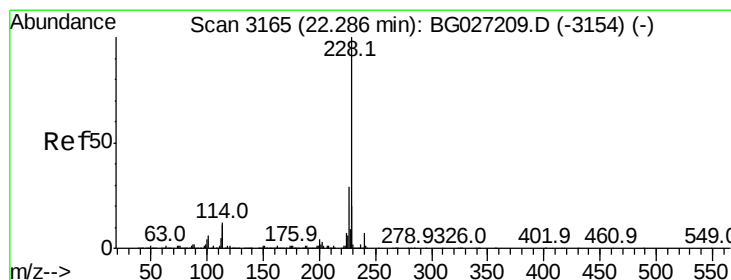
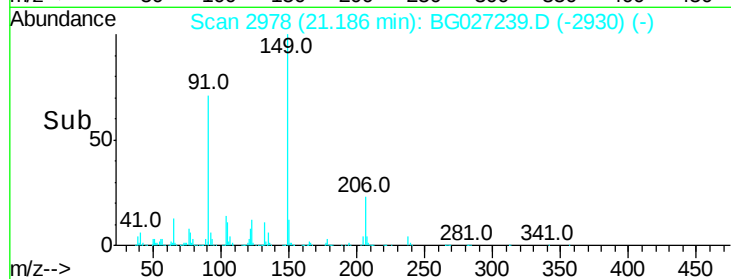
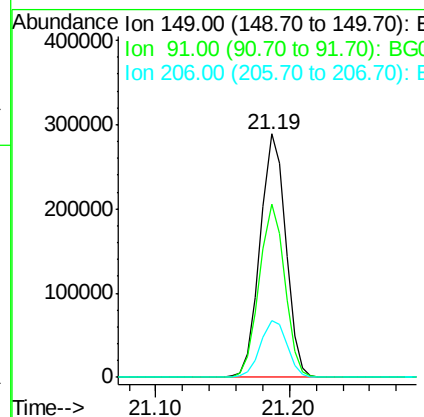
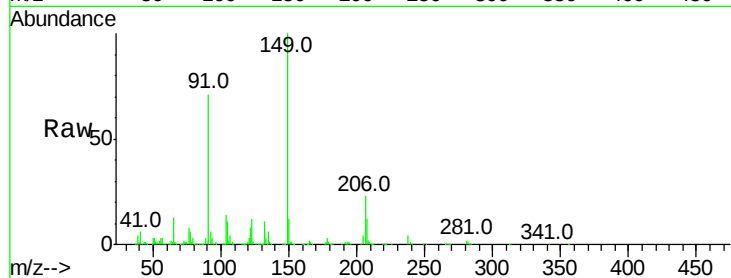




#79
Butylbenzylphthalate
Concen: 41.45 ng
RT: 21.19 min Scan# 2978
Delta R.T. -0.02 min
Lab File: BG027239.D
Acq: 6 Jun 2017 8:23

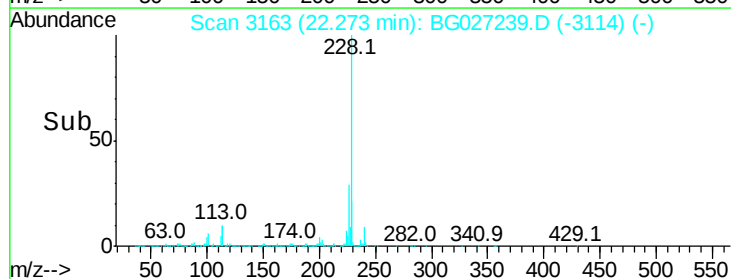
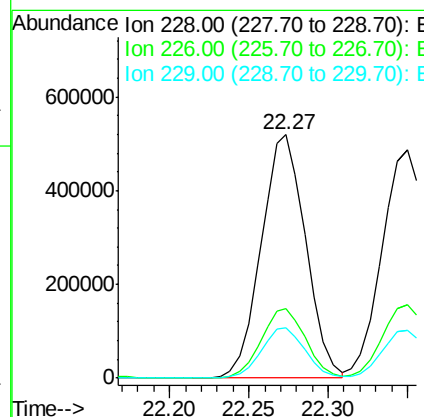
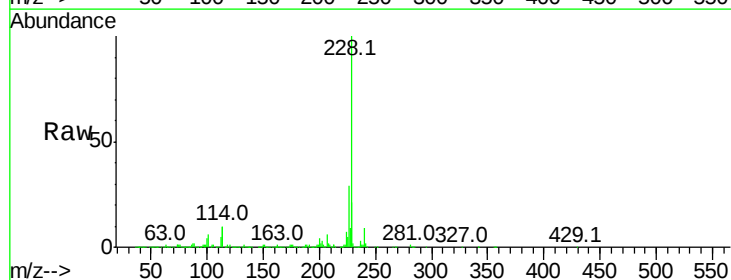
Instrument :
BNA_G
ClientSampleId :

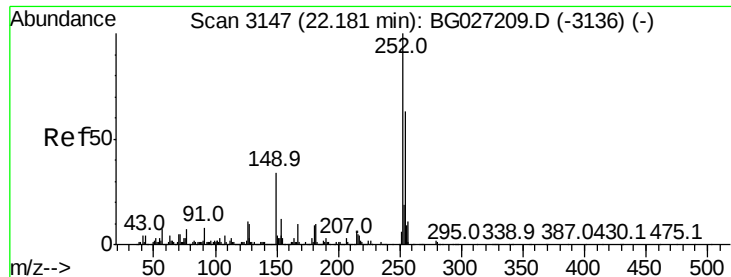
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.0	63.5	95.3
206	23.2	21.0	31.6



#80
Benzo(a)anthracene
Concen: 40.99 ng
RT: 22.27 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG027239.D
Acq: 6 Jun 2017 8:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.9	37.3
229	20.9	18.2	27.2

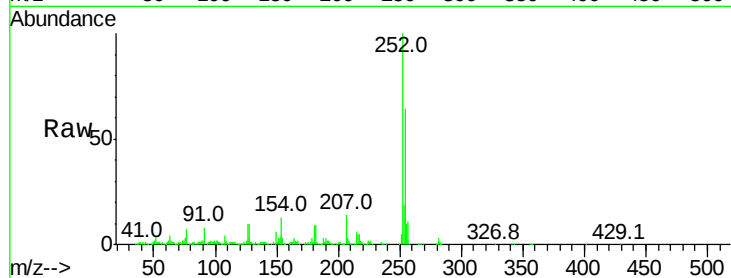




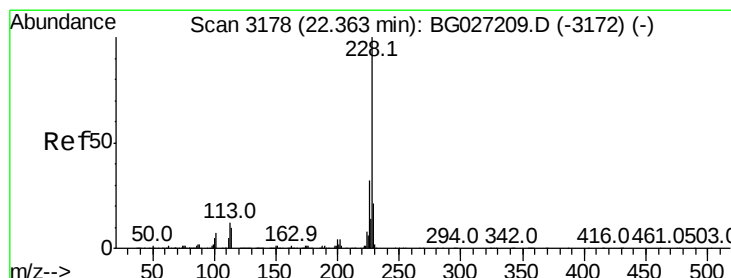
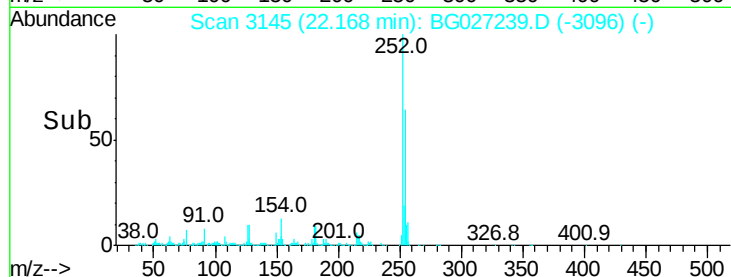
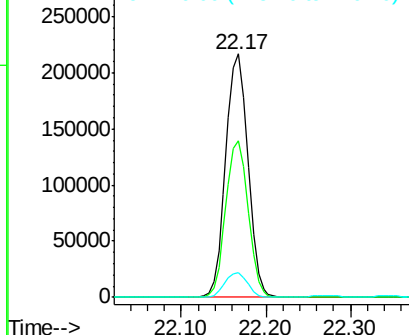
#81
 3,3'-Dichlorobenzidine
 Concen: 41.32 ng
 RT: 22.17 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG027239.D
 Acq: 6 Jun 2017 8:23

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	53.1	79.7
126	10.0	7.0	10.4

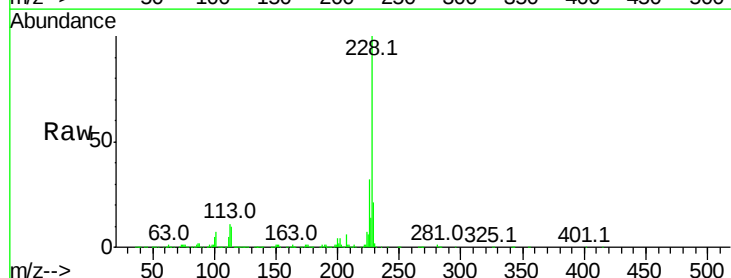


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

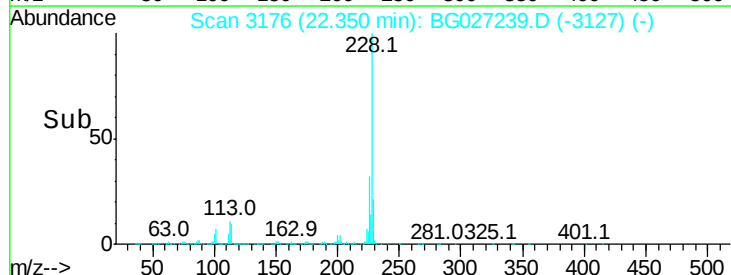
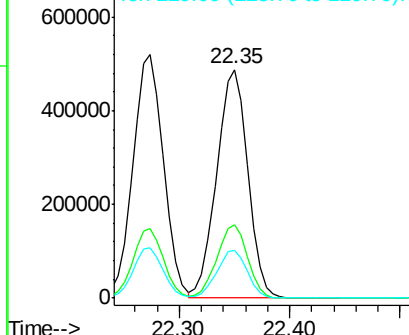


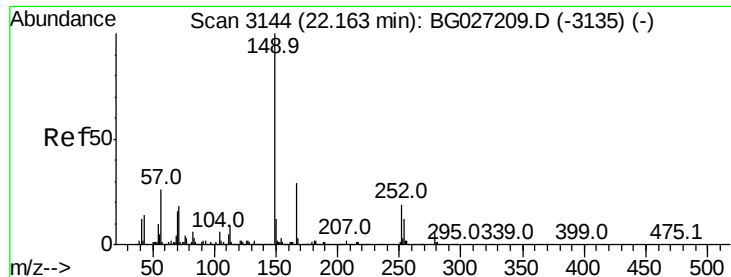
#82
 Chrysene
 Concen: 40.38 ng
 RT: 22.35 min Scan# 3176
 Delta R.T. -0.01 min
 Lab File: BG027239.D
 Acq: 6 Jun 2017 8:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	27.0	40.4
229	21.1	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: 40.19 ng

RT: 22.14 min Scan# 3140

Delta R.T. -0.02 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

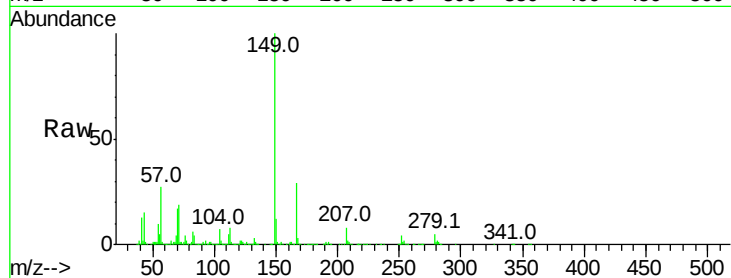
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 558655

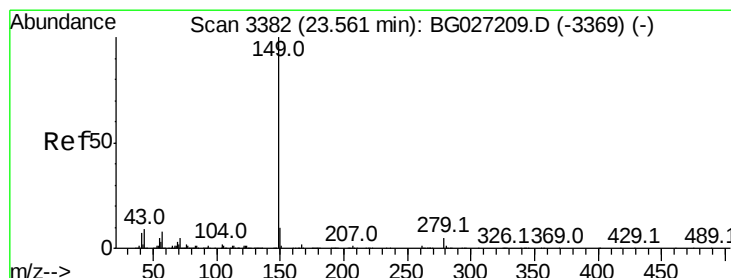
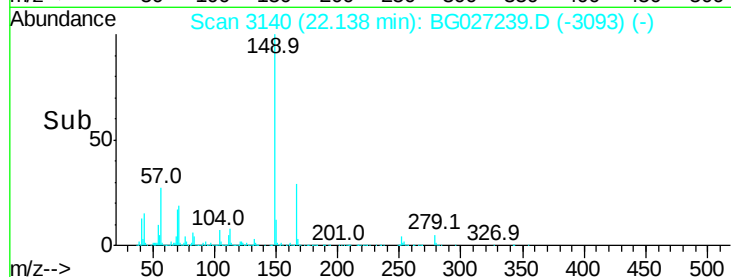
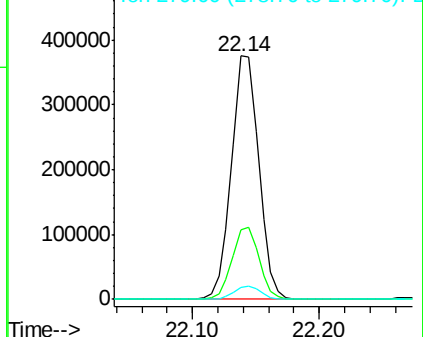
Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.7	35.5
279	4.9	4.6	6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.59 ng

RT: 23.53 min Scan# 3377

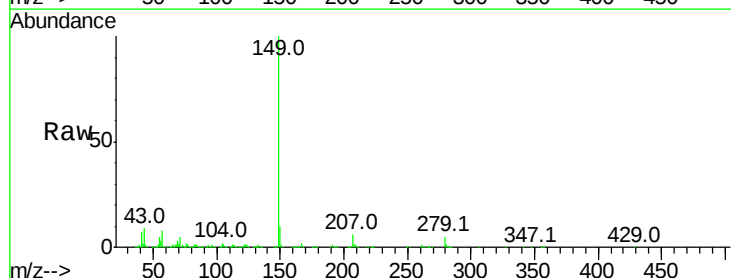
Delta R.T. -0.03 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

Tgt Ion:149 Resp: 934397

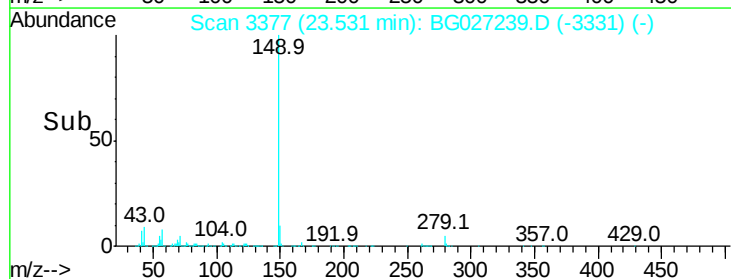
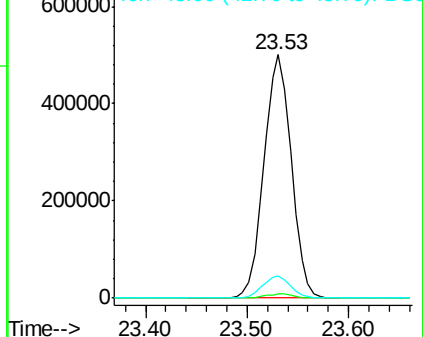
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	9.1	11.8	17.6#

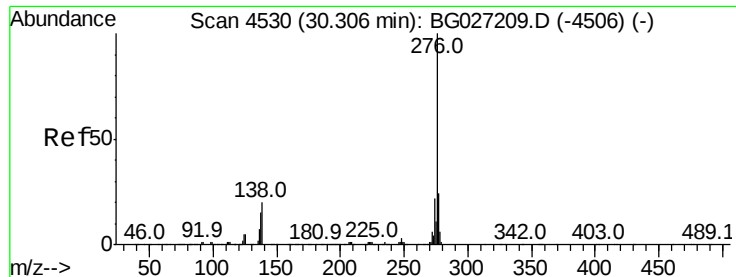


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.60 ng

RT: 30.27 min Scan# 4524

Delta R.T. -0.04 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

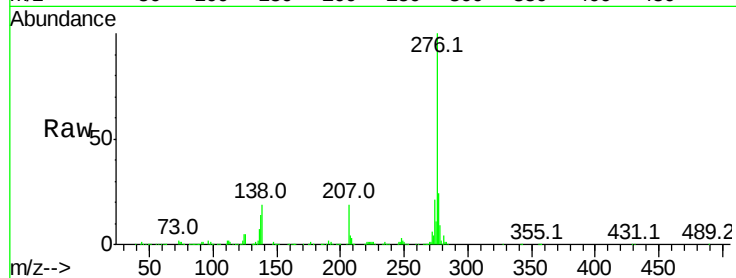
Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1159907

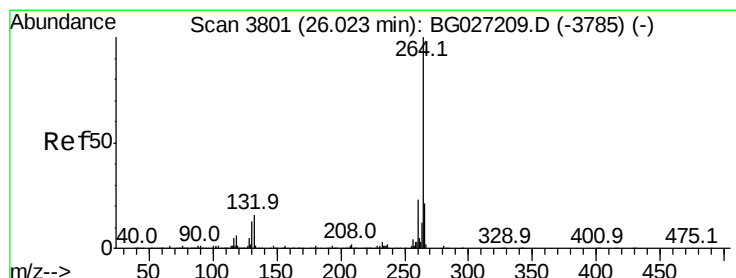
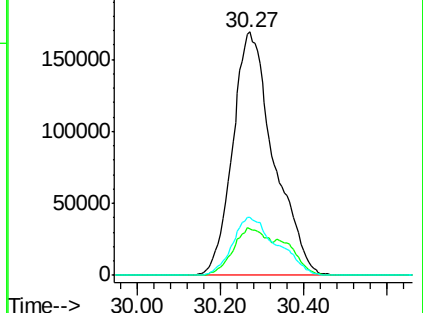
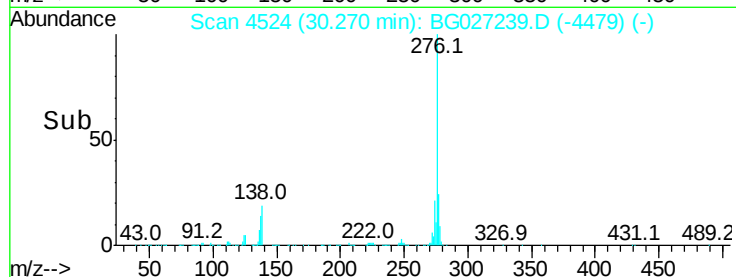
Ion	Ratio	Lower	Upper
276	100		
138	16.2	4.7	7.1#
277	25.9	20.6	31.0



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: 26.00 min Scan# 3797

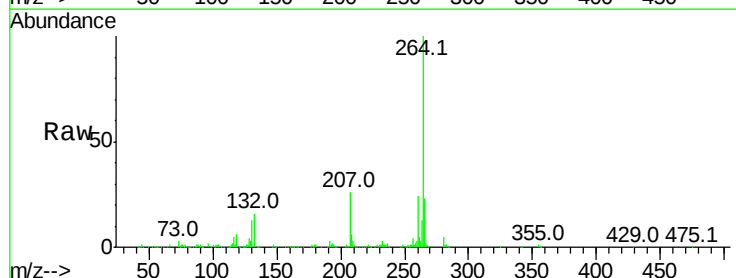
Delta R.T. -0.02 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

Tgt Ion:264 Resp: 401078

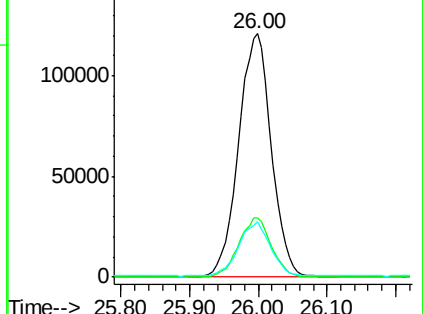
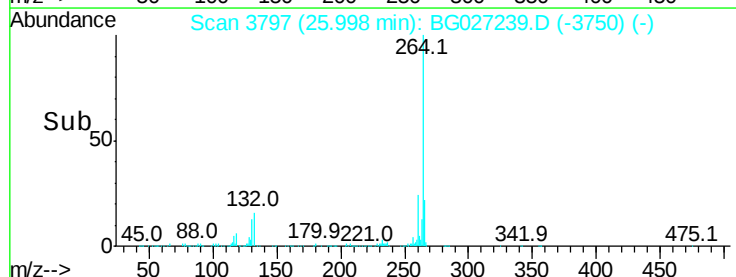
Ion	Ratio	Lower	Upper
264	100		
260	24.1	21.8	32.8
265	22.5	18.2	27.4



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: 41.55 ng

RT: 24.81 min Scan# 3595

Delta R.T. -0.02 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

Instrument :

BNA_G

ClientSampled :

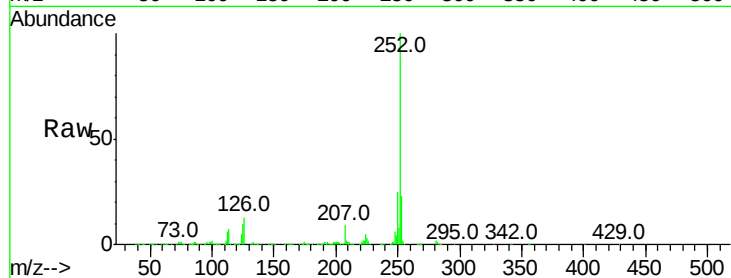
Tot Ion:252 Resp: 1033424

Ion Ratio Lower Upper

252 100

253 23.0 18.7 28.1

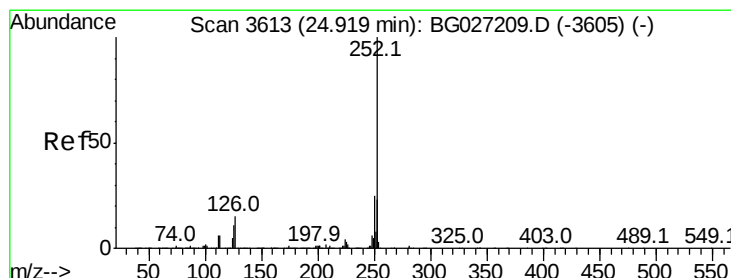
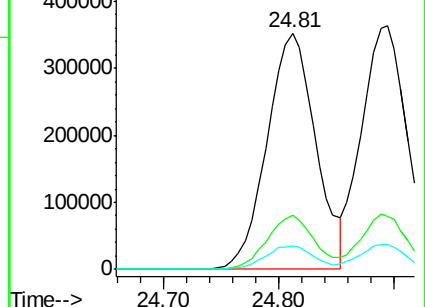
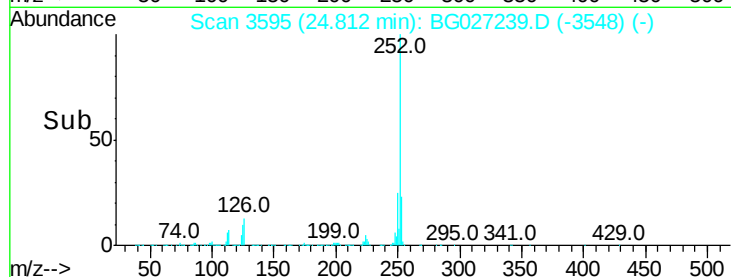
125 10.2 5.3 7.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.53 ng

RT: 24.89 min Scan# 3609

Delta R.T. -0.02 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

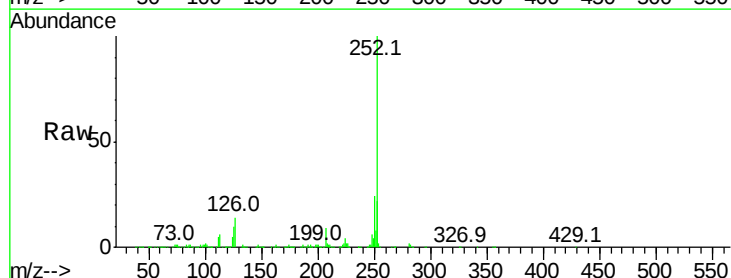
Tgt Ion:252 Resp: 989166

Ion Ratio Lower Upper

252 100

253 21.8 20.2 30.2

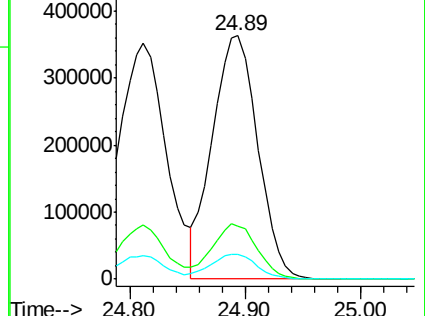
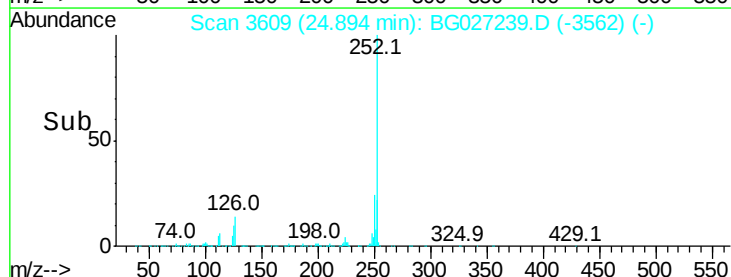
125 10.3 5.1 7.7#

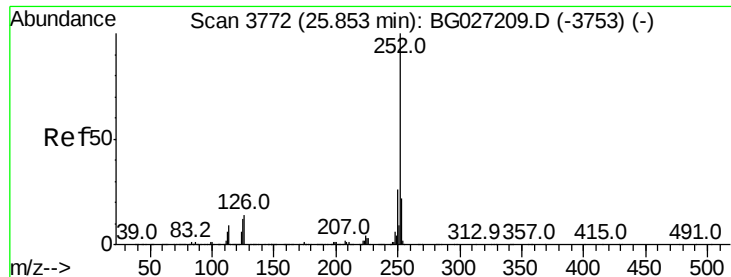


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

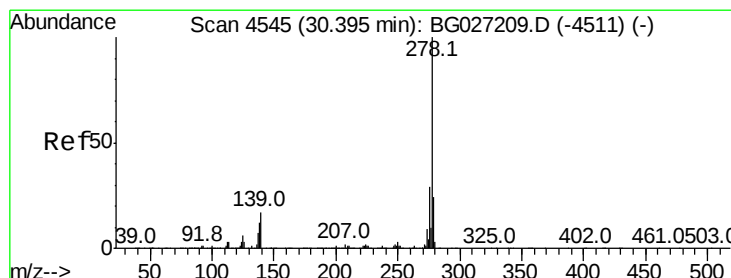
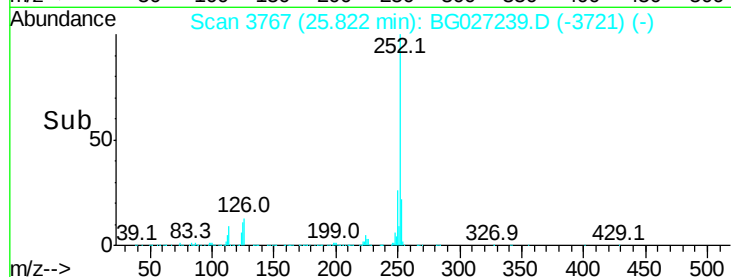
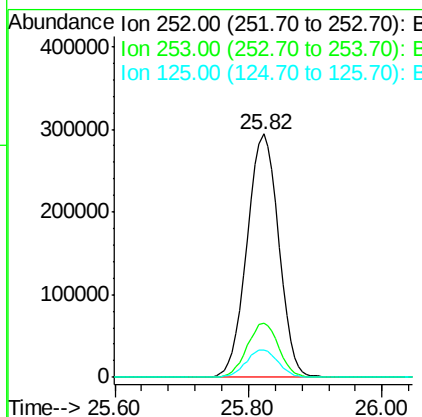
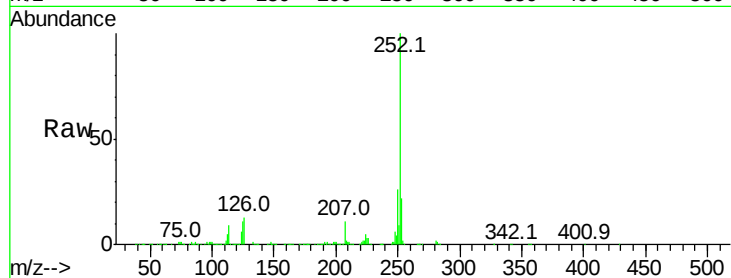




#89
Benzo(a)pyrene
Concen: 41.07 ng
RT: 25.82 min Scan# 3767
Delta R.T. -0.03 min
Lab File: BG027239.D
Acq: 6 Jun 2017 8:23

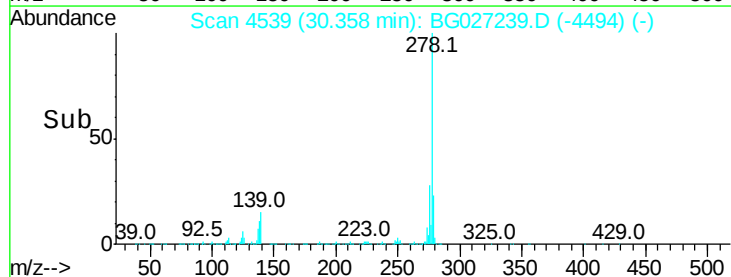
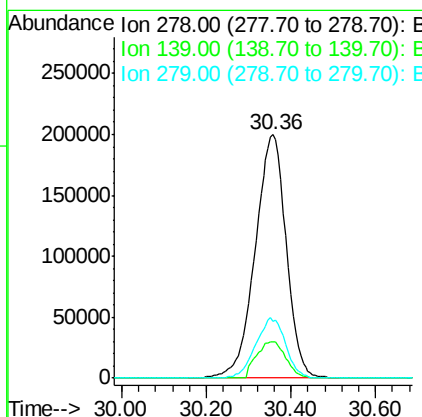
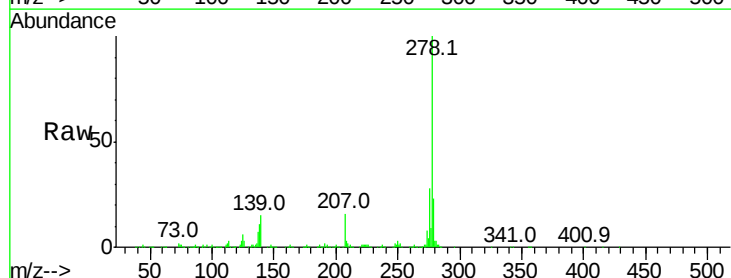
Instrument :
BNA_G
ClientSampleId :

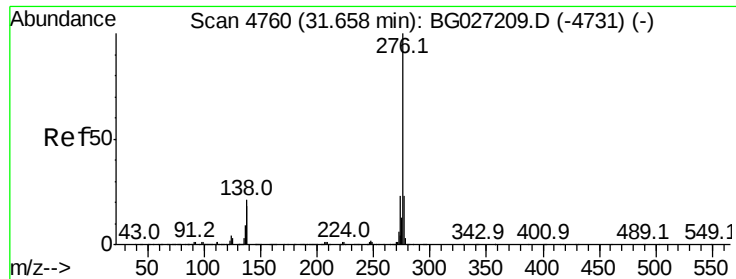
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	19.2	28.8
125	11.2	5.4	8.0



#90
Dibenzo(a,h)anthracene
Concen: 41.58 ng
RT: 30.36 min Scan# 4539
Delta R.T. -0.04 min
Lab File: BG027239.D
Acq: 6 Jun 2017 8:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.9	7.7	11.5
279	23.5	19.1	28.7





#91

Benzo(a,h,i)perylene

Concen: 40.80 ng

RT: 31.62 min Scan# 4753

Delta R.T. -0.04 min

Lab File: BG027239.D

Acq: 6 Jun 2017 8:23

Instrument :

BNA_G

ClientSampleId :

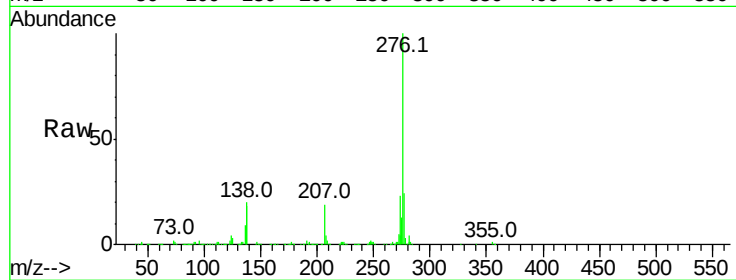
Tot Ion:276 Resp: 968575

Ion Ratio Lower Upper

276 100

277 23.8 18.6 27.8

138 20.1 8.1 12.1#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

