

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060817\
 Data File : BG027338.D
 Acq On : 9 Jun 2017 5:37
 Operator : SJ/MA
 Sample : PB99588BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 09 07:20:06 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	8.56	152	46459	20.00	ng	-0.02
21) Naphthalene-d8	11.38	136	222027	20.00	ng	-0.02
38) Acenaphthene-d10	15.14	164	146611	20.00	ng	-0.02
63) Phenanthrene-d10	17.89	188	351210	20.00	ng	-0.03
75) Chrysene-d12	22.28	240	406650	20.00	ng	-0.03
86) Perylene-d12	25.97	264	371300	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	292870	96.19	ng	-0.02
7) Phenol-d6	7.69	99	427224	95.60	ng	-0.01
23) Nitrobenzene-d5	9.72	82	356396	100.95	ng	-0.02
41) 2,4,6-Tribromophenol	16.62	330	181926	94.23	ng	-0.02
44) 2-Fluorobiphenyl	13.77	172	838331	79.99	ng	-0.02
78) Terphenyl-d14	20.47	244	1386813	87.00	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	4.16	88	45338	35.91	ng	# 86
3) Pyridine	4.54	79	138482	35.58	ng	# 77
4) n-Nitrosodimethylamine	4.44	42	63549	44.10	ng	# 45
6) Aniline	7.88	93	168499	29.94	ng	96
8) 2-Chlorophenol	8.12	128	151214	47.04	ng	95
9) Benzaldehyde	7.70	77	73157	23.68	ng	92
10) Phenol	7.72	94	230174	50.36	ng	# 77
11) bis(2-Chloroethyl)ether	7.96	93	154224	41.13	ng	89
12) 1,3-Dichlorobenzene	8.45	146	138207	38.12	ng	92
13) 1,4-Dichlorobenzene	8.59	146	142057	38.17	ng	97
14) 1,2-Dichlorobenzene	8.91	146	136928	37.73	ng	95
15) Benzyl Alcohol	8.79	79	158921	50.47	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	9.06	45	248492	46.32	ng	95
17) 2-Methylphenol	8.97	107	148656	46.01	ng	# 86
18) Hexachloroethane	9.65	117	52164	41.61	ng	# 84
19) n-Nitroso-di-n-propylamine	9.35	70	135649	43.39	ng	# 87
20) 3+4-Methylphenols	9.30	107	207480	46.36	ng	88
22) Acetophenone	9.37	105	236339	41.62	ng	# 85
24) Nitrobenzene	9.76	77	190225	47.30	ng	# 90
25) Isophorone	10.28	82	369352	44.49	ng	# 96
26) 2-Nitrophenol	10.48	139	78753	47.57	ng	# 80
27) 2,4-Dimethylphenol	10.51	122	172129	48.22	ng	94
28) bis(2-Chloroethoxy)methane	10.75	93	228078	42.43	ng	99
29) 2,4-Dichlorophenol	11.01	162	154079	47.29	ng	99
30) 1,2,4-Trichlorobenzene	11.23	180	139055	38.54	ng	98
31) Naphthalene	11.43	128	471920	38.89	ng	98
32) Benzoic acid	10.63	122	118420	47.97	ng	# 85
33) 4-Chloroaniline	11.52	127	70924	14.03	ng	# 91
34) Hexachlorobutadiene	11.70	225	84471	38.09	ng	98
35) Caprolactam	12.30	113	42901	38.39	ng	90
36) 4-Chloro-3-methylphenol	12.60	107	204125	49.98	ng	93
37) 2-Methylnaphthalene	13.21	142	336729	38.04	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.35	216	166316	36.41	ng	99
40) Hexachlorocyclopentadiene	13.33	237	230967	95.01	ng	96

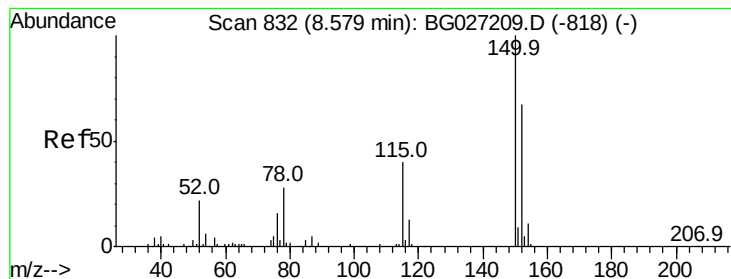
Data Path : Z:\HPCHEM1\BNA G\DATA\BG060817\
 Data File : BG027338.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.58	196	126230	45.57	nq	96
43) 2,4,5-Trichlorophenol	13.65	196	142433	45.95	nq	96
45) 1,1'-Biphenyl	13.97	154	471886	39.43	nq	96
46) 2-Chloronaphthalene	14.03	162	356892	39.78	nq	97
47) 2-Nitroaniline	14.22	65	146079	55.94	nq	# 86
48) Acenaphthylene	14.87	152	593018	39.05	nq	98
49) Dimethylphthalate	14.58	163	500983	43.08	nq	98
50) 2,6-Dinitrotoluene	14.70	165	109742	46.63	nq	# 77
51) Acenaphthene	15.20	154	440800	44.63	nq	99
52) 3-Nitroaniline	15.03	138	64703	28.71	nq	98
53) 2,4-Dinitrophenol	15.23	184	128075	100.73	nq	96
54) Dibenzofuran	15.54	168	590042	42.75	nq	94
55) 4-Nitrophenol	15.31	139	204366	92.03	nq	# 58
56) 2,4-Dinitrotoluene	15.48	165	156047	51.10	nq	# 90
57) Fluorene	16.18	166	493216	40.23	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.75	232	140077	50.62	nq	97
59) Diethylphthalate	15.93	149	525493	45.30	nq	98
60) 4-Chlorophenyl-phenylether	16.16	204	250976	40.64	nq	95
61) 4-Nitroaniline	16.19	138	125764	49.88	nq	# 69
62) Azobenzene	16.46	77	559505	52.04	nq	89
64) 4,6-Dinitro-2-methylphenol	16.25	198	88929	54.37	nq	90
65) n-Nitrosodiphenylamine	16.38	169	452015	41.05	nq	98
66) 4-Bromophenyl-phenylether	17.06	248	167813	40.37	nq	98
67) Hexachlorobenzene	17.19	284	179204	40.08	nq	92
68) Atrazine	17.32	200	169736	46.10	nq	97
69) Pentachlorophenol	17.53	266	230889	88.10	nq	96
70) Phenanthrene	17.93	178	813021	41.14	nq	96
71) Anthracene	18.03	178	821674	41.51	nq	97
72) Carbazole	18.29	167	735767	39.41	nq	96
73) Di-n-butylphthalate	18.81	149	896349	49.51	nq	# 94
74) Fluoranthene	19.92	202	936342	44.36	nq	92
76) Benzidine	20.09	184	337735	27.57	nq	98
77) Pyrene	20.28	202	951071	38.71	nq	97
79) Butylbenzylphthalate	21.17	149	406757	46.85	nq	94
80) Benzo(a)anthracene	22.25	228	952622	41.08	nq	96
81) 3,3'-Dichlorobenzidine	22.15	252	204404	22.66	nq	# 98
82) Chrysene	22.33	228	897288	40.30	nq	95
83) Bis(2-ethylhexyl)phthalate	22.11	149	572995	43.67	nq	99
84) Di-n-octyl phthalate	23.49	149	997878	45.92	nq	# 90
85) Indeno(1,2,3-cd)pyrene	30.22	276	1109648	41.15	nq	# 92
87) Benzo(b)fluoranthene	24.78	252	957381	41.58	nq	# 96
88) Benzo(k)fluoranthene	24.87	252	956374	42.33	nq	# 94
89) Benzo(a)pyrene	25.79	252	916756	42.29	nq	# 93
90) Dibenzo(a,h)anthracene	30.30	278	951020	41.91	nq	# 96
91) Benzo(g,h,i)perylene	31.56	276	899554	40.93	nq	# 89

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

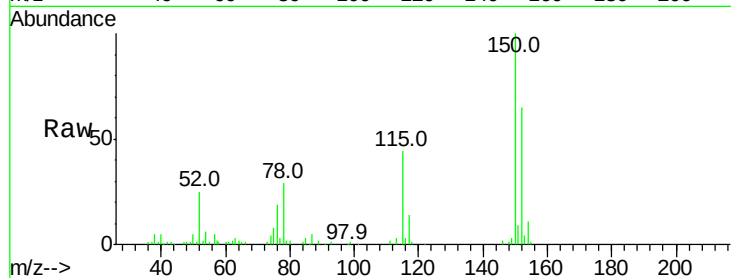


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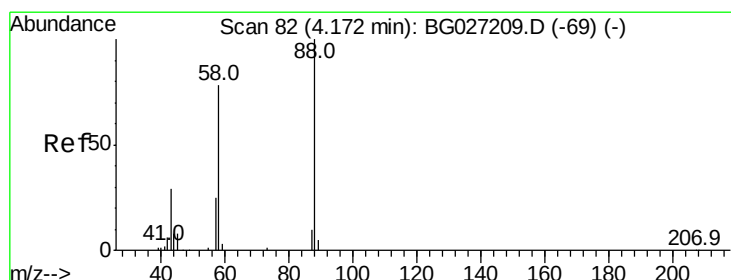
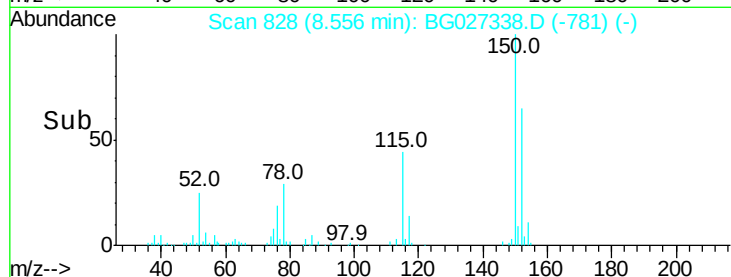
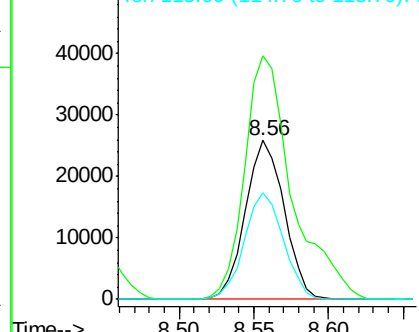
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.56 min Scan# 828
Delta R.T. -0.02 min
Lab File: BG027338.D
Acq: 9 Jun 2017 5:37

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 46459
Ion Ratio Lower Upper
152 100
150 153.5 114.0 171.0
115 67.4 48.1 72.1



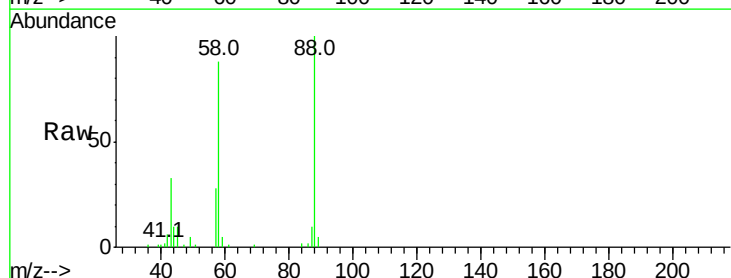
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



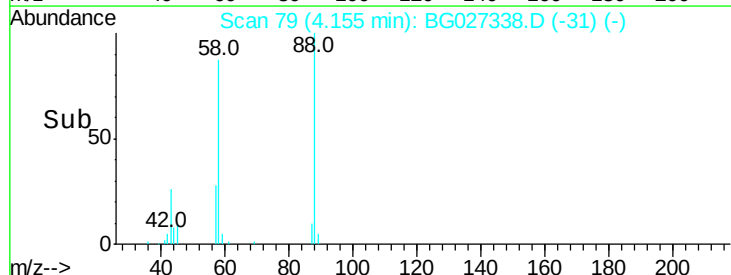
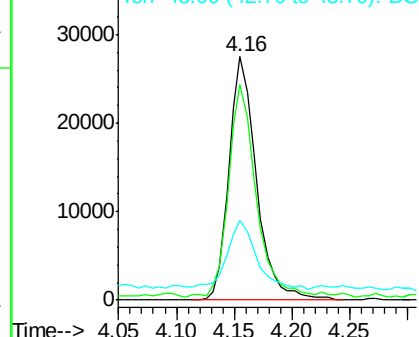
#2

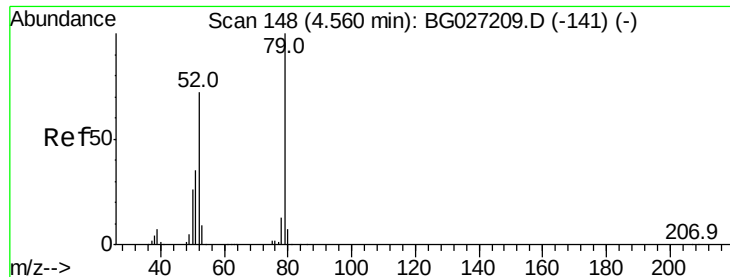
1,4-Dioxane
Concen: 35.91 ng
RT: 4.16 min Scan# 79
Delta R.T. -0.02 min
Lab File: BG027338.D
Acq: 9 Jun 2017 5:37

Tgt Ion: 88 Resp: 45338
Ion Ratio Lower Upper
88 100
58 86.5 79.4 119.2
43 31.1 33.8 50.6#



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





#3

Pvridine

Concen: 35.58 ng

RT: 4.54 min Scan# 144

Delta R.T. -0.02 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

Instrument :

BNA_G

ClientSampleId :

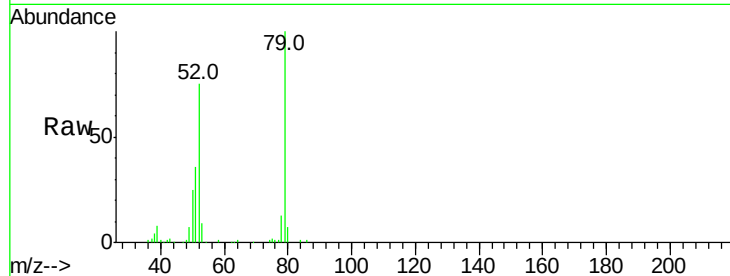
Tot Ion: 79 Resp: 138482

Ion Ratio Lower Upper

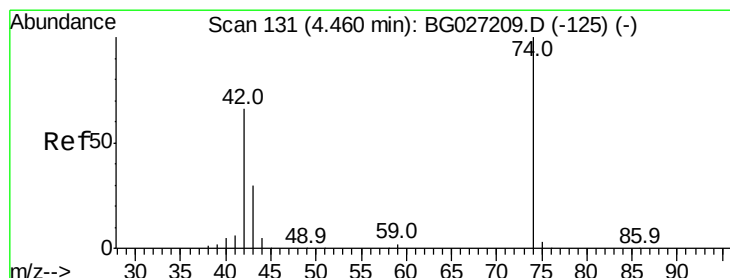
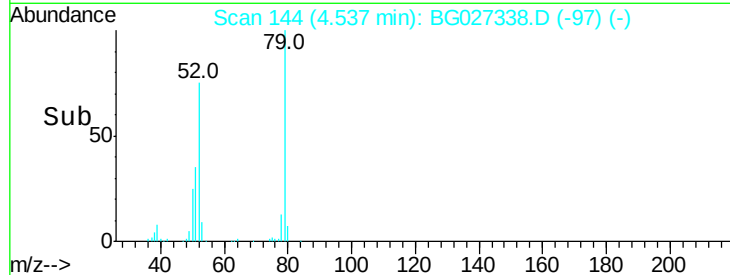
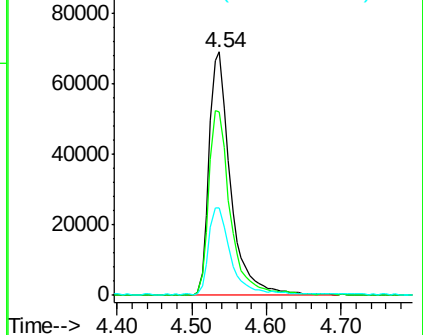
79 100

52 75.4 77.8 116.6#

51 35.9 43.2 64.8#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 44.10 ng

RT: 4.44 min Scan# 128

Delta R.T. -0.02 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

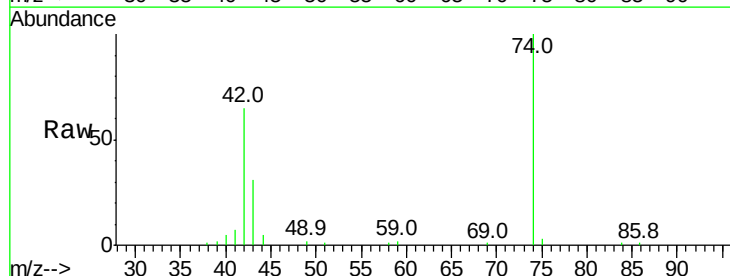
Tgt Ion: 42 Resp: 63549

Ion Ratio Lower Upper

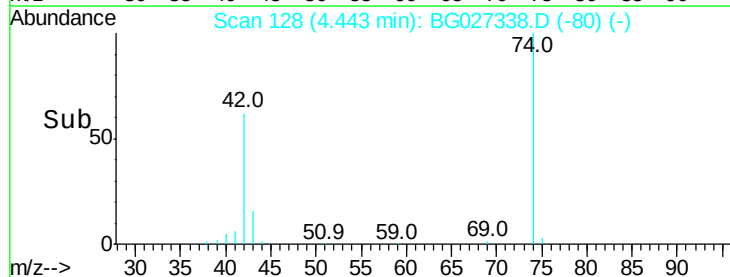
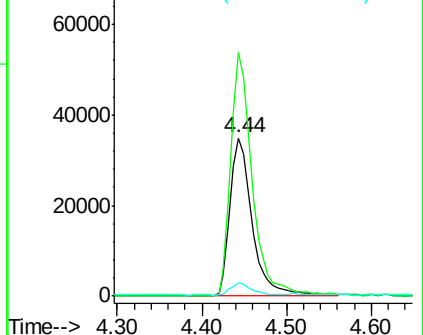
42 100

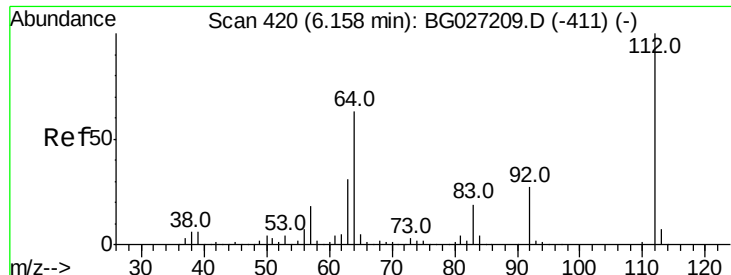
74 153.9 76.7 115.1#

44 8.2 6.1 9.1



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 96.19 ng

RT: 6.14 min Scan# 417

Delta R.T. -0.02 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

Instrument :

BNA_G

ClientSampled :

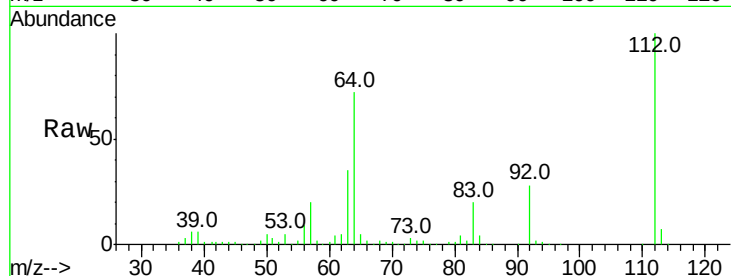
Tot Ion:112 Resp: 292870

Ion Ratio Lower Upper

112 100

64 72.4 61.8 92.6

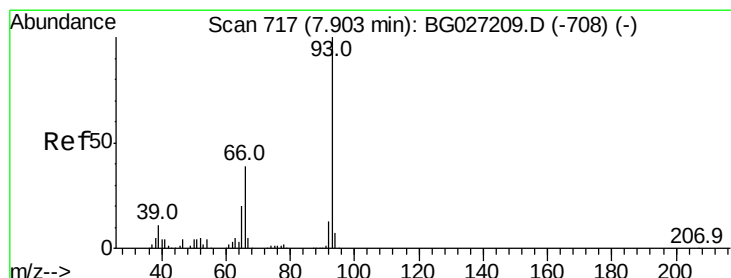
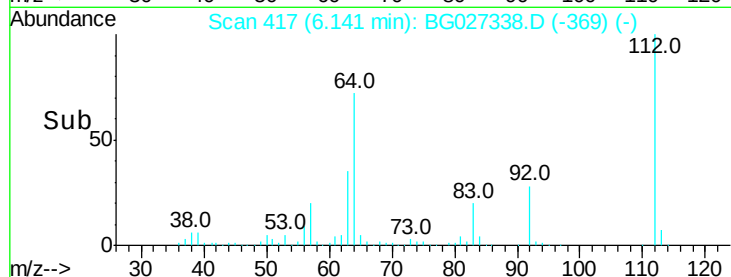
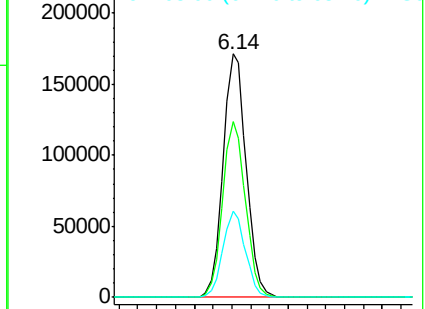
63 35.3 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 29.94 ng

RT: 7.88 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

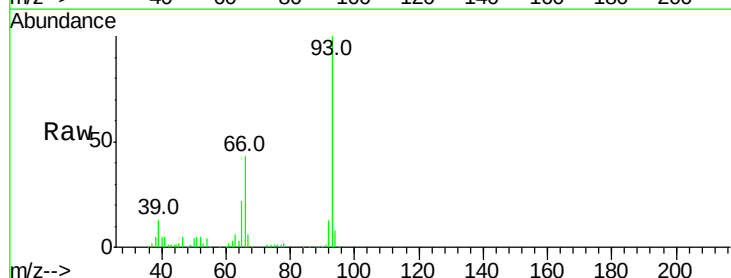
Tgt Ion: 93 Resp: 168499

Ion Ratio Lower Upper

93 100

66 42.9 35.4 53.2

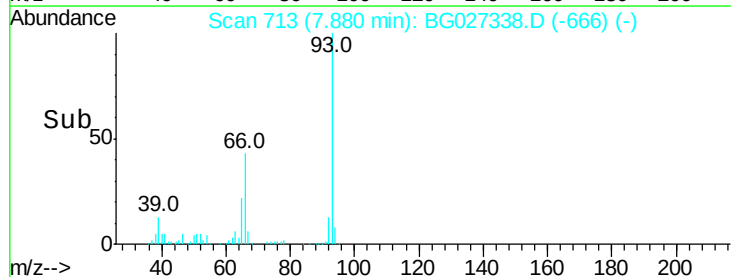
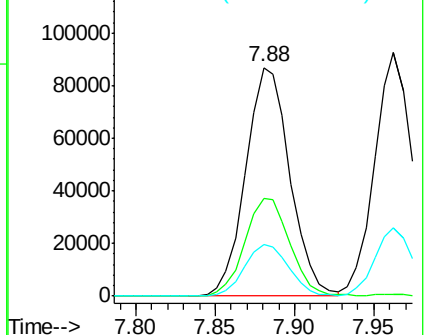
65 22.5 21.2 31.8

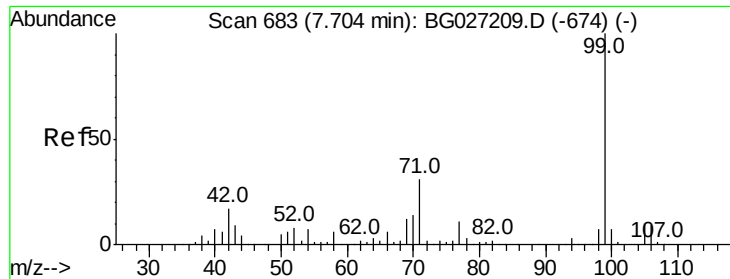


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 95.60 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

Instrument :

BNA_G

ClientSampleId :

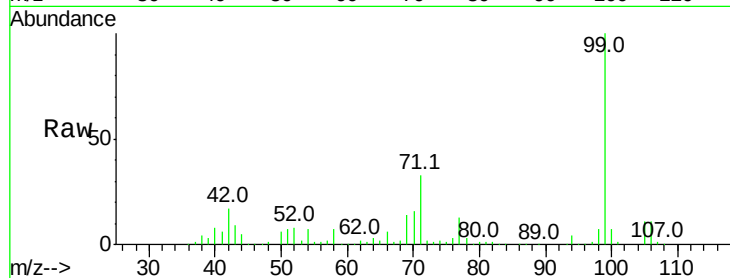
Tot Ion: 99 Resp: 427224

Ion Ratio Lower Upper

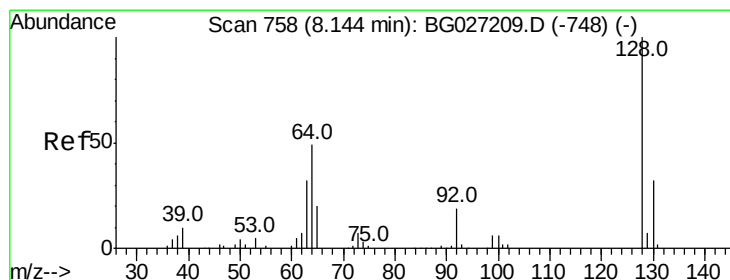
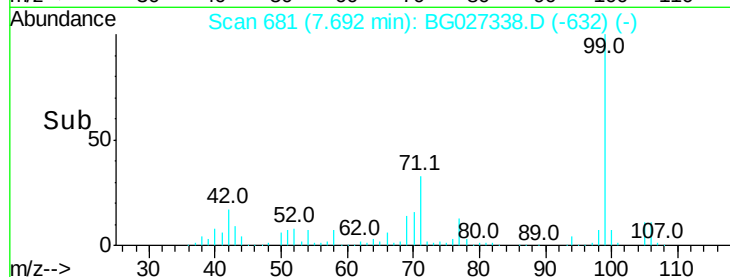
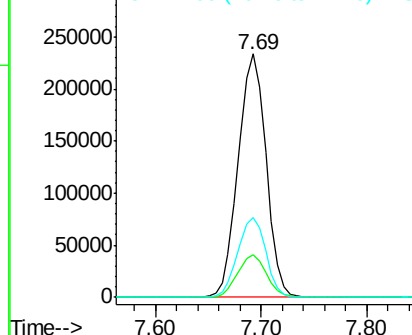
99 100

42 17.3 20.5 30.7#

71 32.8 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: 47.04 ng

RT: 8.12 min Scan# 754

Delta R.T. -0.02 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

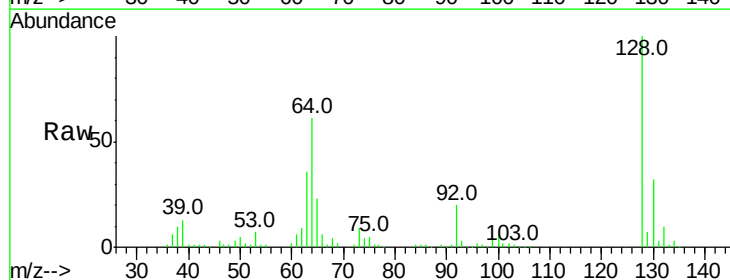
Tgt Ion: 128 Resp: 151214

Ion Ratio Lower Upper

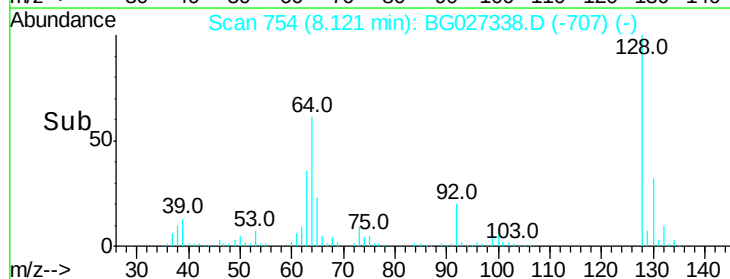
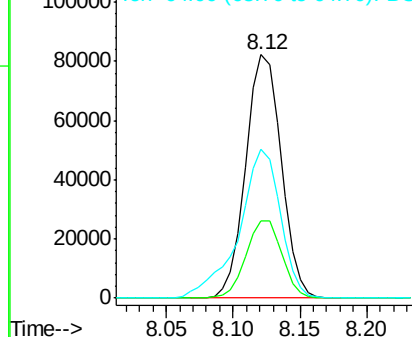
128 100

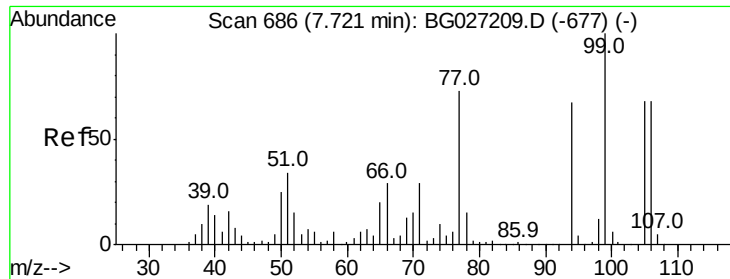
130 32.0 11.4 51.4

64 61.0 46.6 86.6



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





#9

Benzaldehyde

Concen: 23.68 ng

RT: 7.70 min Scan# 682

Delta R.T. -0.02 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

Instrument :

BNA_G

ClientSampled :

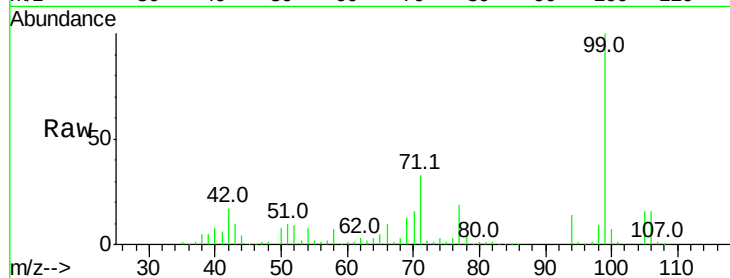
Tot Ion: 77 Resp: 73157

Ion Ratio Lower Upper

77 100

105 85.1 60.9 100.9

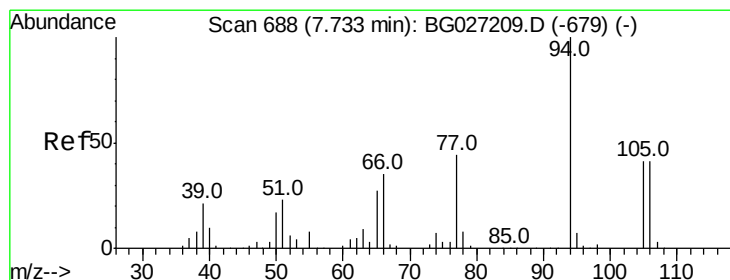
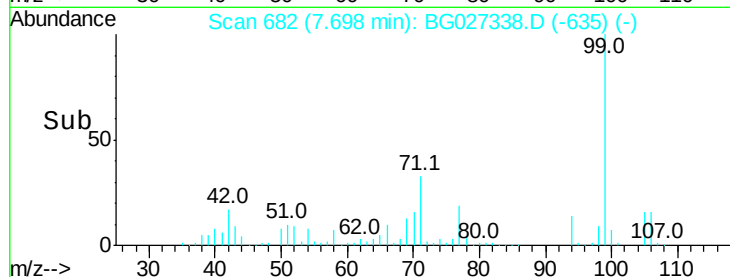
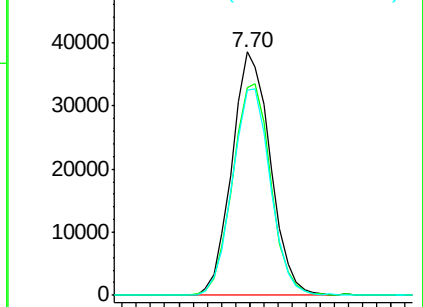
106 84.1 55.1 95.1



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: 50.36 ng

RT: 7.72 min Scan# 685

Delta R.T. -0.02 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

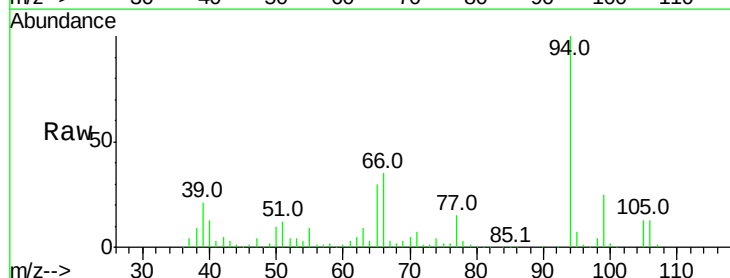
Tgt Ion: 94 Resp: 230174

Ion Ratio Lower Upper

94 100

65 29.9 20.6 60.6

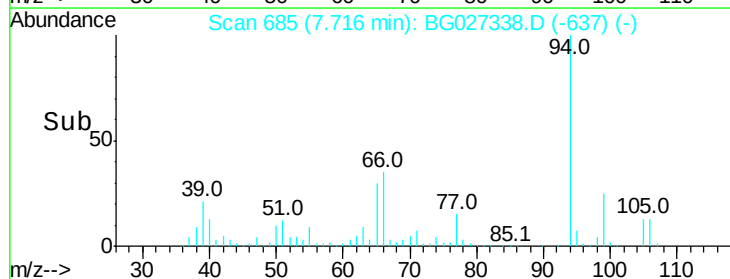
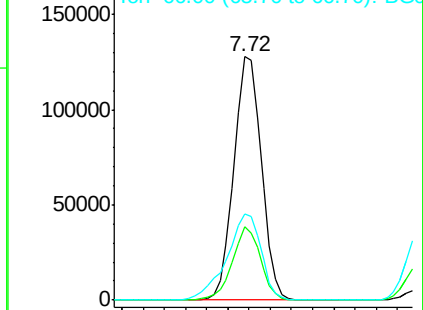
66 35.3 35.5 75.5#

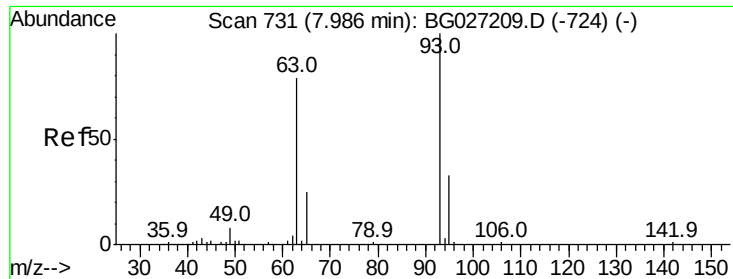


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

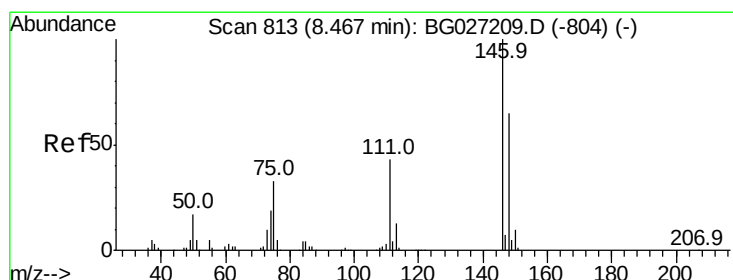
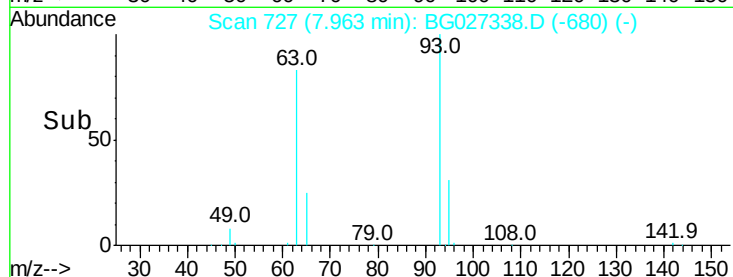
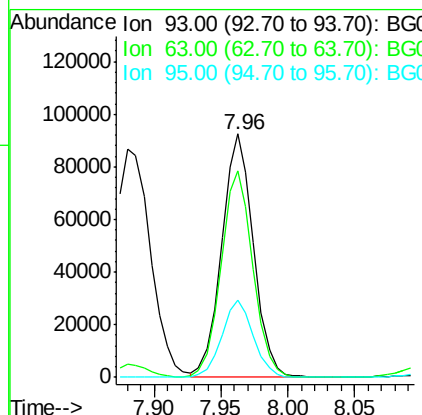
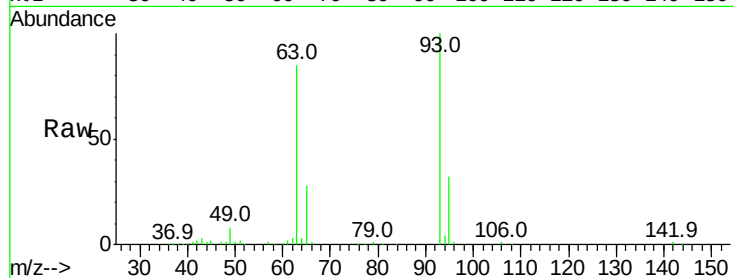




#11
bis(2-Chloroethyl)ether
Concen: 41.13 ng
RT: 7.96 min Scan# 727
Delta R.T. -0.02 min
Lab File: BG027338.D
Acq: 9 Jun 2017 5:37

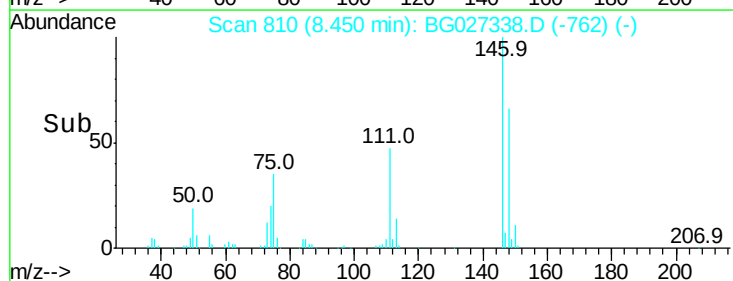
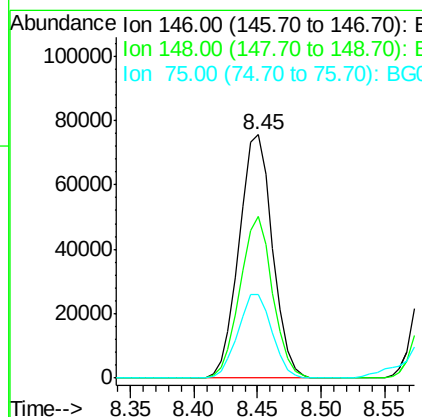
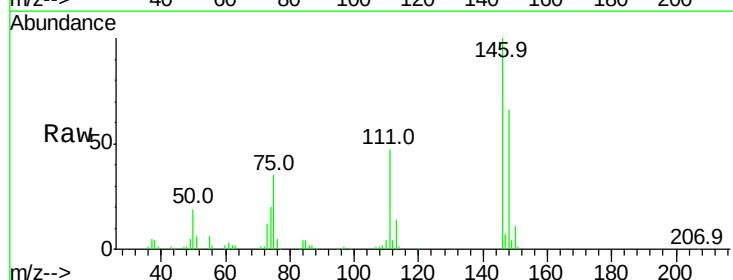
Instrument :
BNA_G
ClientSampleId :

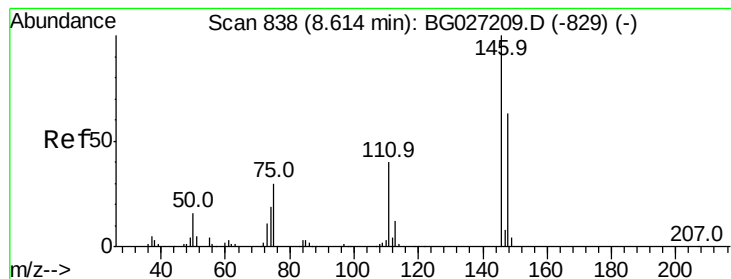
Tot Ion: 93 Resp: 154224
Ion Ratio Lower Upper
93 100
63 84.9 78.5 118.5
95 31.6 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 38.12 ng
RT: 8.45 min Scan# 810
Delta R.T. -0.02 min
Lab File: BG027338.D
Acq: 9 Jun 2017 5:37

Tgt Ion: 146 Resp: 138207
Ion Ratio Lower Upper
146 100
148 66.2 49.2 73.8
75 34.6 33.4 50.2





#13

1,4-Dichlorobenzene

Concen: 38.17 ng

RT: 8.59 min Scan# 834

Delta R.T. -0.02 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

Instrument :

BNA_G

ClientSampleId :

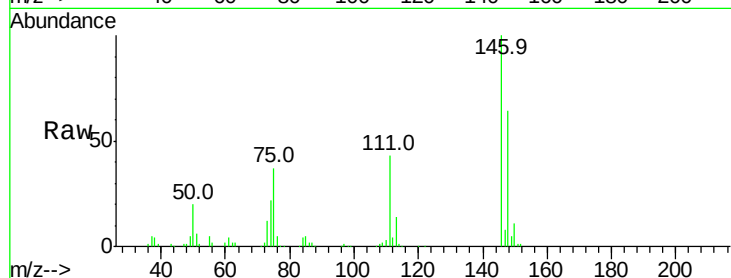
Tot Ion:146 Resp: 142057

Ion Ratio Lower Upper

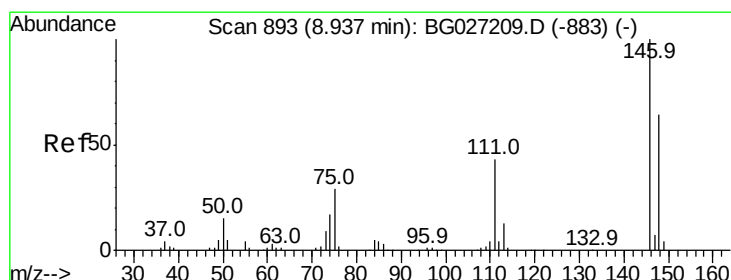
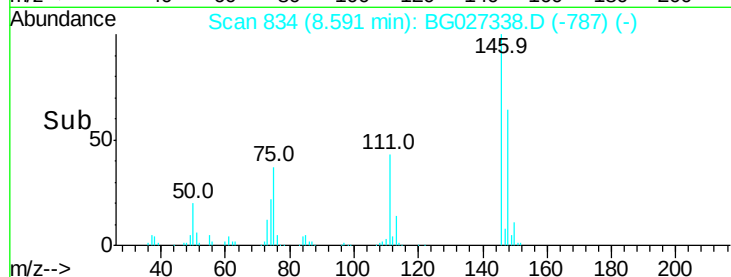
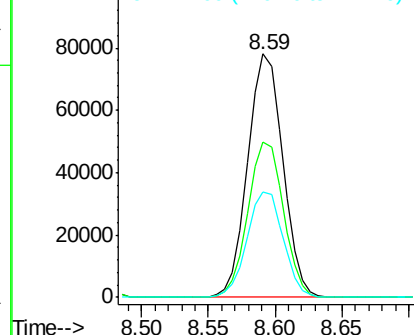
146 100

148 63.7 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: 37.73 ng

RT: 8.91 min Scan# 889

Delta R.T. -0.02 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

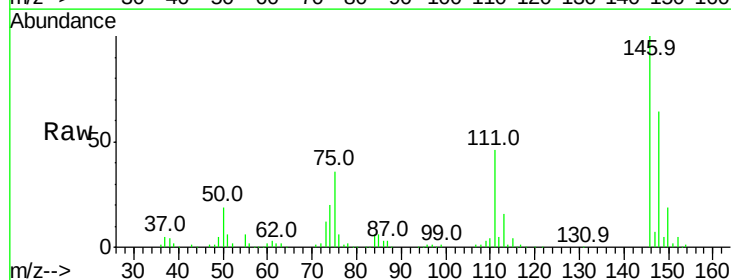
Tgt Ion:146 Resp: 136928

Ion Ratio Lower Upper

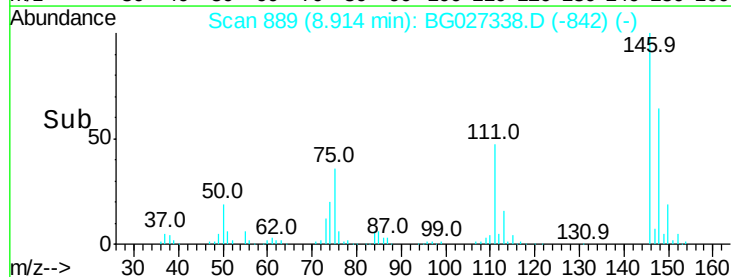
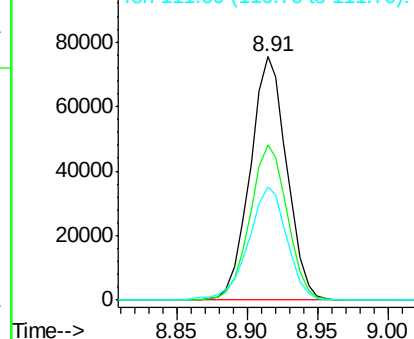
146 100

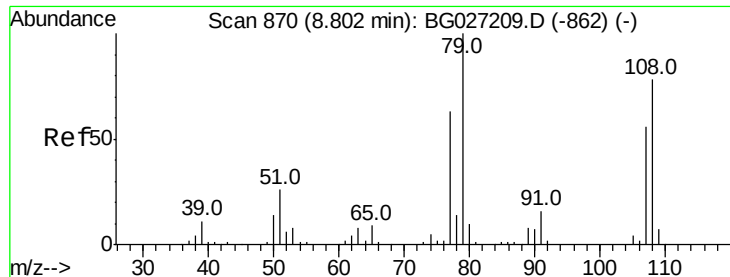
148 63.6 54.6 81.8

111 46.4 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: 50.47 ng

RT: 8.79 min Scan# 867

Delta R.T. -0.02 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

Instrument :

BNA_G

ClientSampleId :

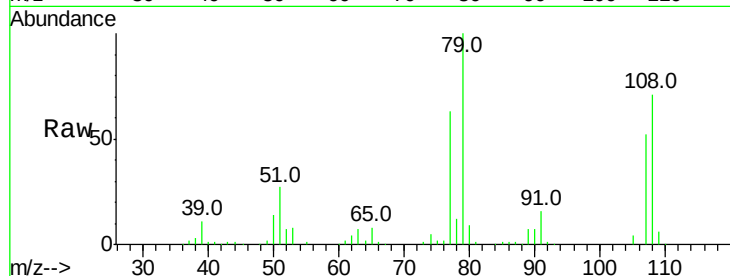
Tot Ion: 79 Resp: 158921

Ion Ratio Lower Upper

79 100

108 71.2 45.5 68.3#

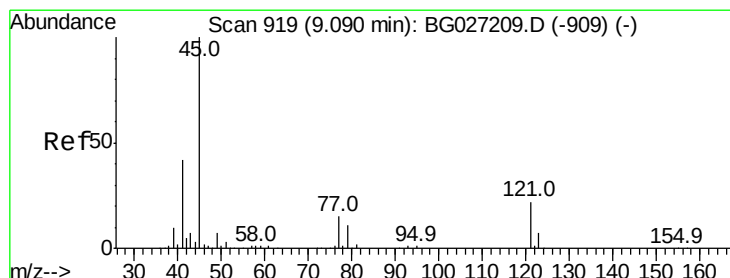
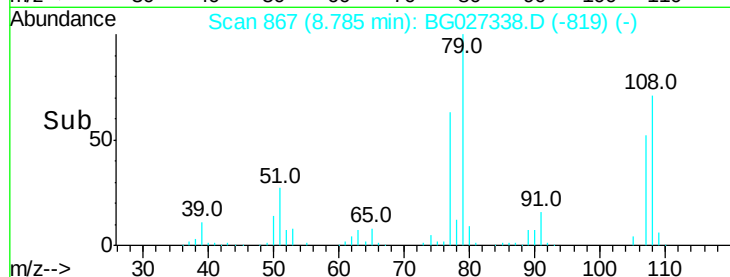
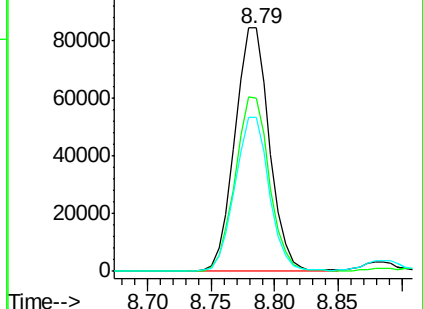
77 63.5 54.3 81.5



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: 46.32 ng

RT: 9.06 min Scan# 914

Delta R.T. -0.03 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

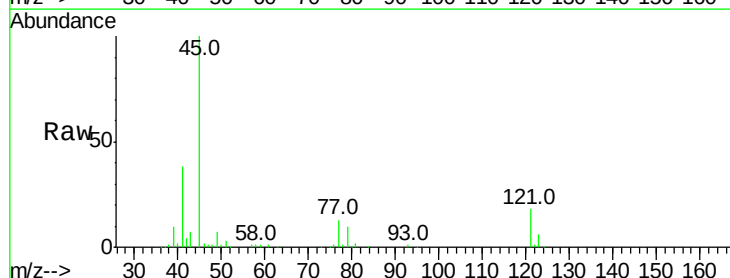
Tgt Ion: 45 Resp: 248492

Ion Ratio Lower Upper

45 100

77 13.1 0.0 30.6

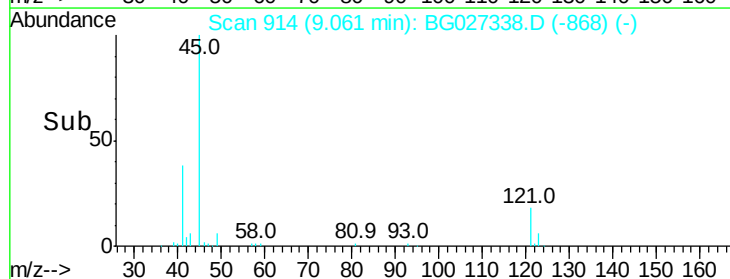
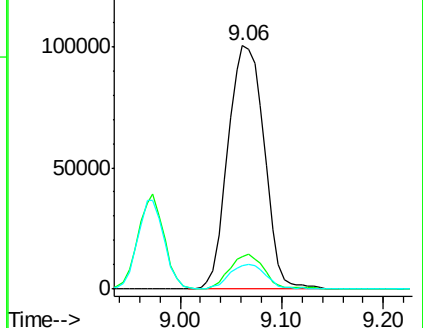
79 9.6 0.0 28.5

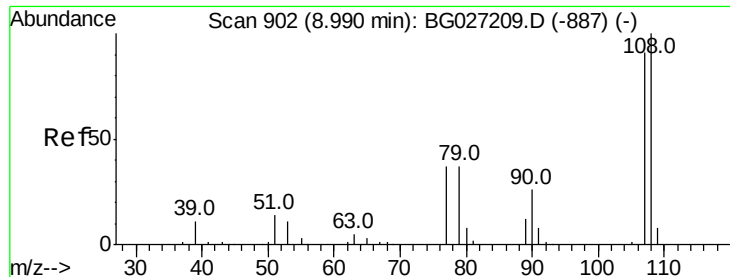


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 46.01 ng

RT: 8.97 min Scan# 899

Delta R.T. -0.02 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 148656

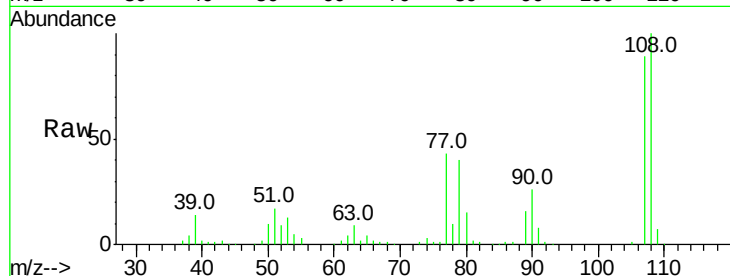
Ion Ratio Lower Upper

107 100

108 112.4 85.6 128.4

77 48.3 51.4 77.2#

79 44.8 49.2 73.8#

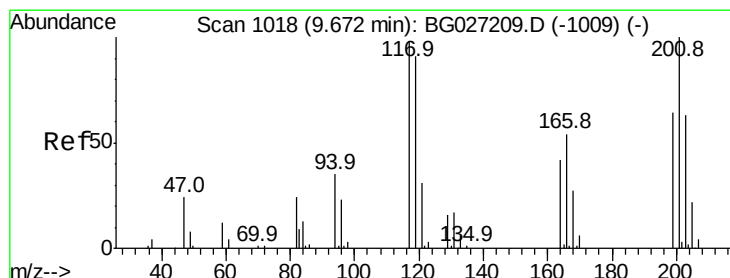
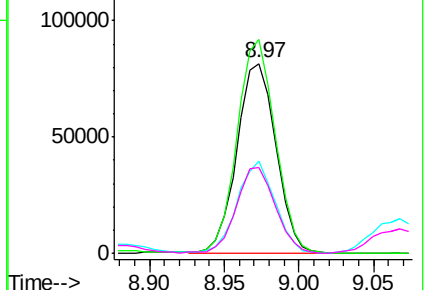
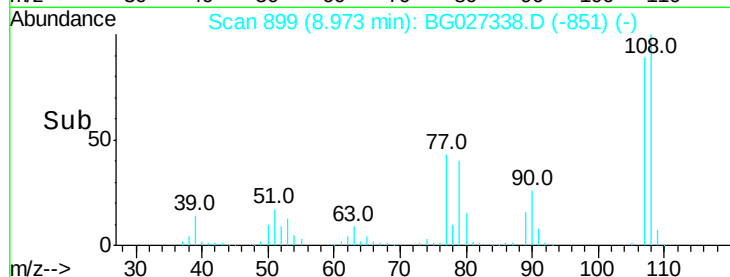


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.61 ng

RT: 9.65 min Scan# 1014

Delta R.T. -0.02 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

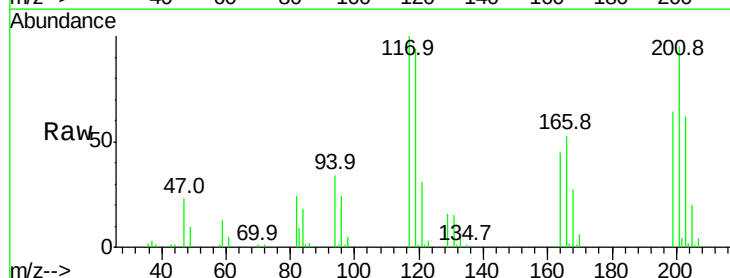
Tgt Ion:117 Resp: 52164

Ion Ratio Lower Upper

117 100

119 93.9 69.8 104.6

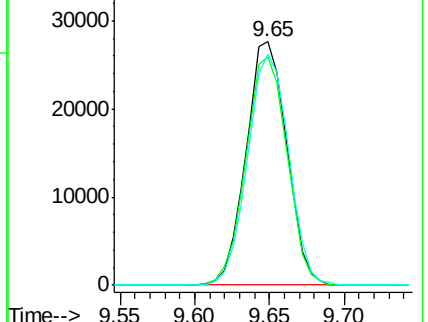
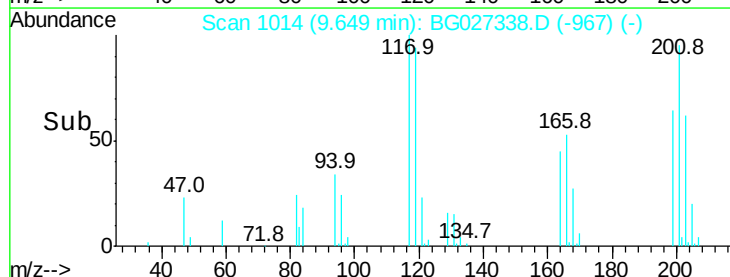
201 94.8 95.4 143.0#

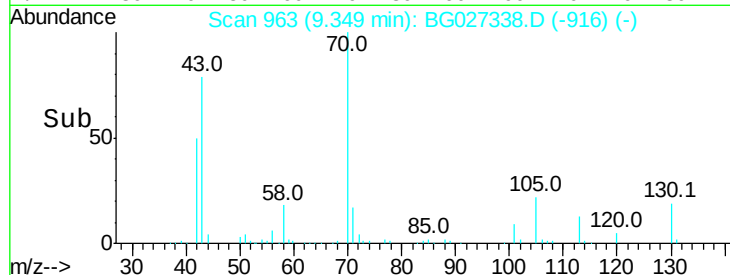
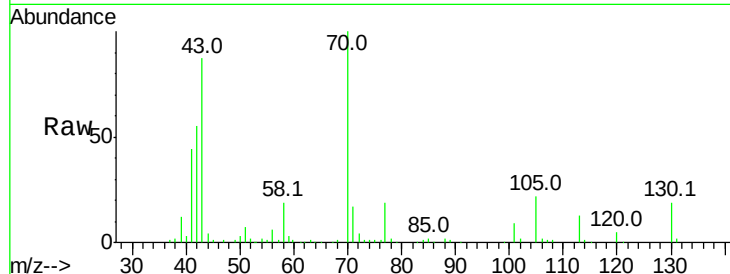
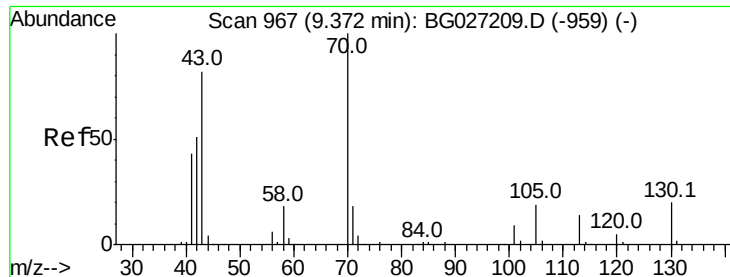


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

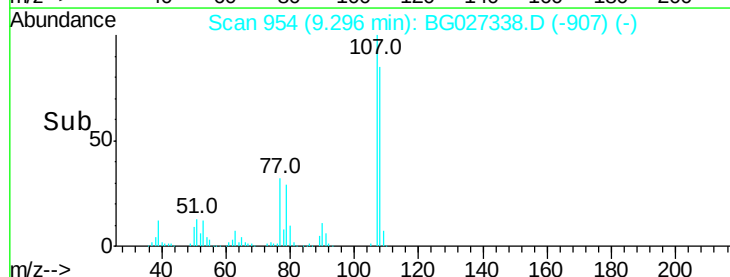
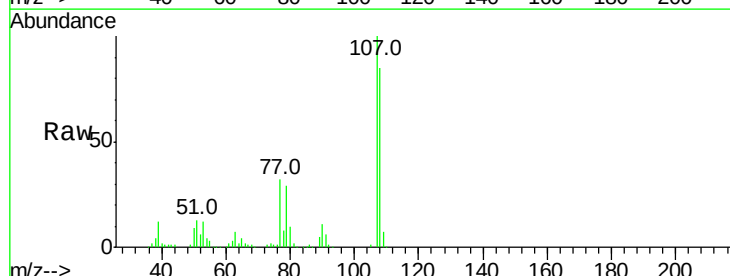
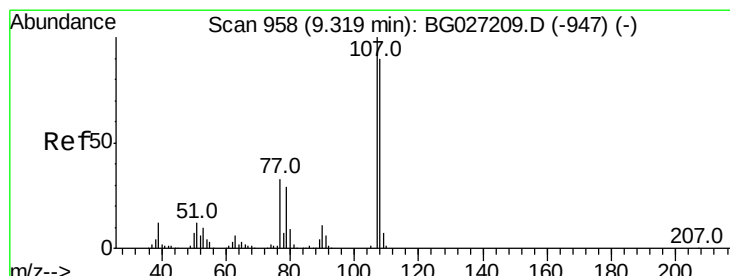
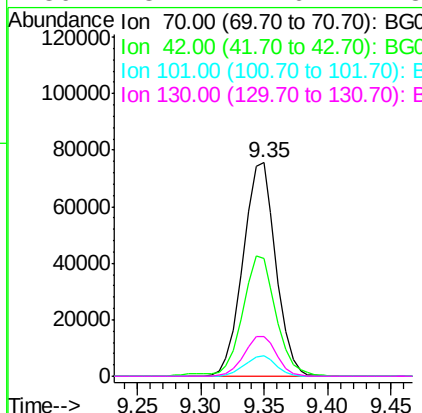




#19
n-Nitroso-di-n-propylamine
Concen: 43.39 ng
RT: 9.35 min Scan# 963
Delta R.T. -0.02 min
Lab File: BG027338.D
Acq: 9 Jun 2017 5:37

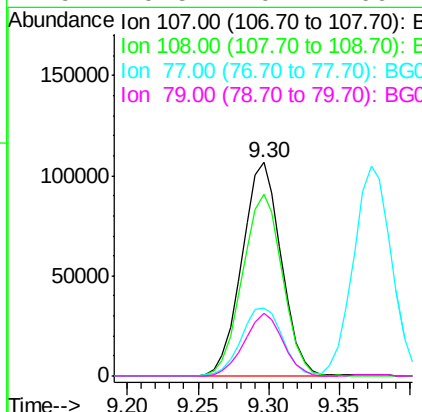
Instrument :
BNA_G
ClientSampled :

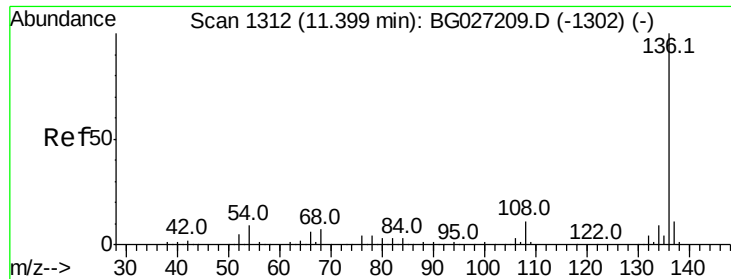
Tot Ion:	70	Resp:	135649
Ion	Ratio	Lower	Upper
70	100		
42	55.1	56.1	84.1#
101	9.4	7.5	11.3
130	18.7	14.6	21.8



#20
3+4-Methylphenols
Concen: 46.36 ng
RT: 9.30 min Scan# 954
Delta R.T. -0.02 min
Lab File: BG027338.D
Acq: 9 Jun 2017 5:37

Tgt Ion:	107	Resp:	207480
Ion	Ratio	Lower	Upper
107	100		
108	85.4	70.8	110.8
77	32.0	25.8	65.8
79	29.5	20.1	60.1

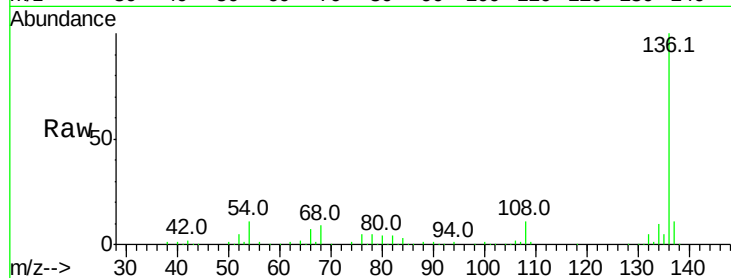




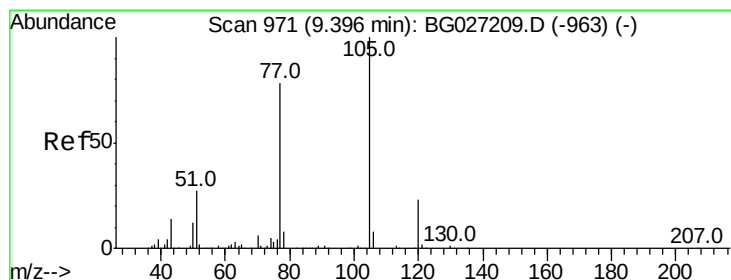
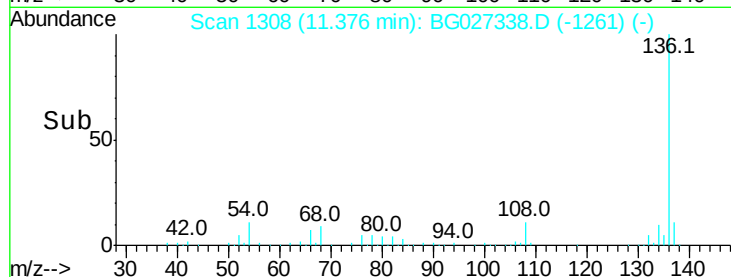
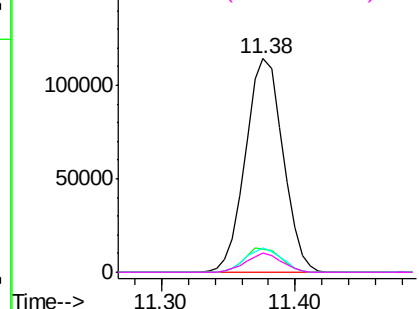
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.38 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BG027338.D
Acq: 9 Jun 2017 5:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	222027
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	11.3	9.3	13.9
68	9.2	5.1	7.7#



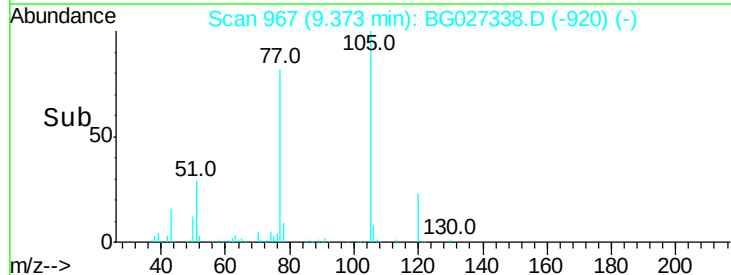
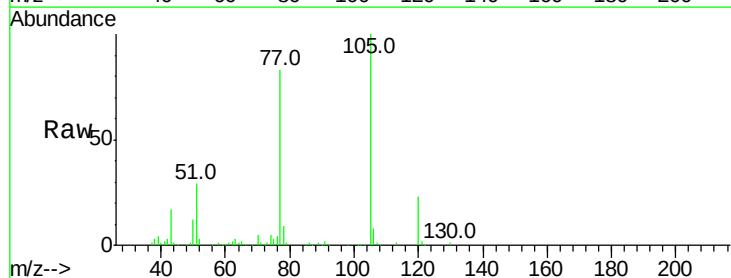
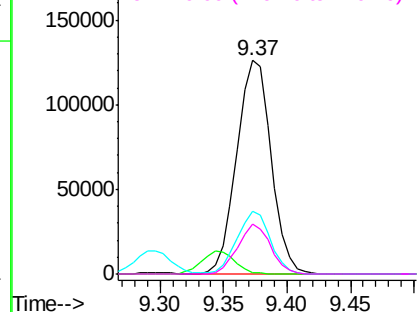
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

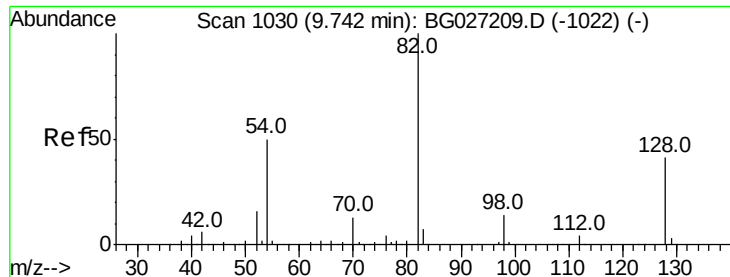


#22
Acetophenone
Concen: 41.62 ng
RT: 9.37 min Scan# 967
Delta R.T. -0.02 min
Lab File: BG027338.D
Acq: 9 Jun 2017 5:37

Tgt Ion:	105	Resp:	236339
Ion	Ratio	Lower	Upper
105	100		
71	0.7	0.9	1.3#
51	29.3	34.0	51.0#
120	23.4	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

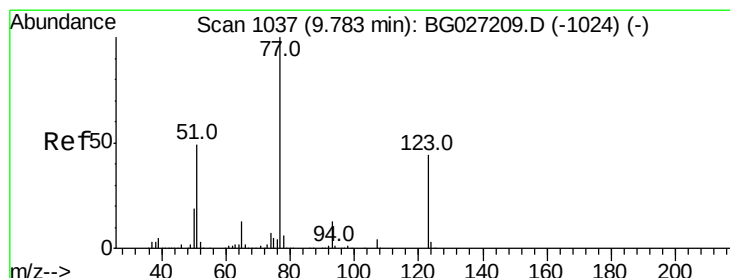
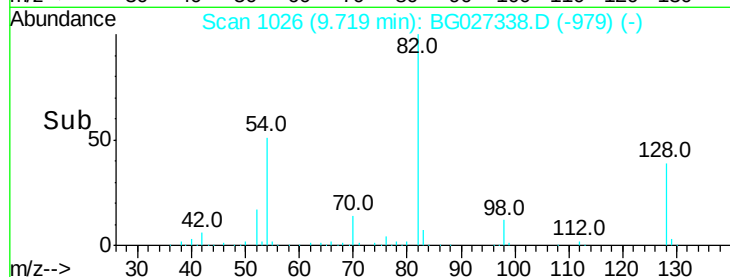
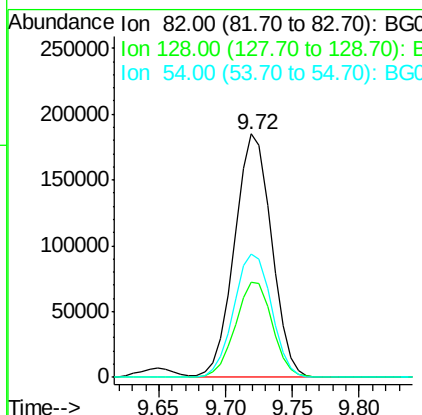
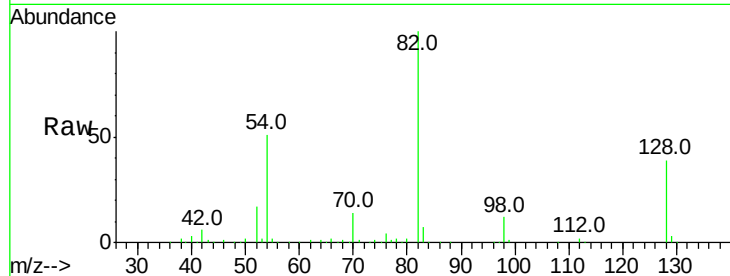




#23
 Nitrobenzene-d5
 Concen: 100.95 ng
 RT: 9.72 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BG027338.D
 Acq: 9 Jun 2017 5:37

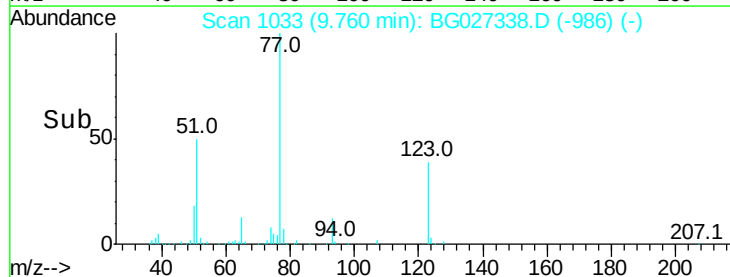
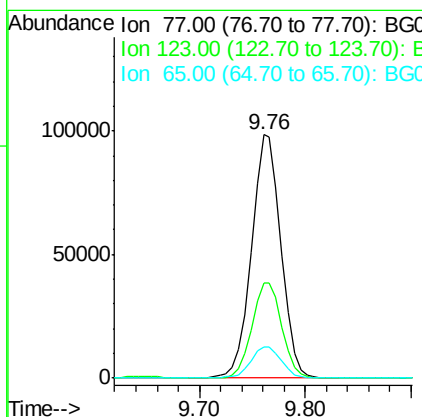
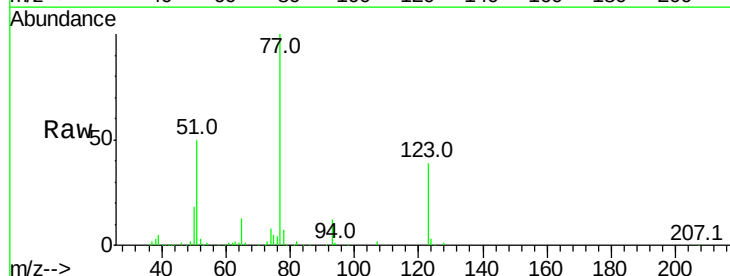
Instrument :
 BNA_G
 ClientSampled :

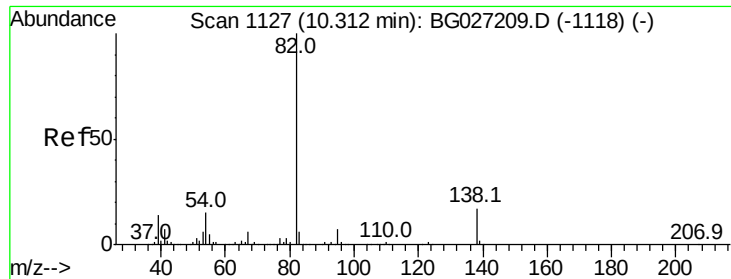
Tot Ion: 82 Resp: 356396
 Ion Ratio Lower Upper
 82 100
 128 39.3 26.4 39.6
 54 50.7 49.4 74.2



#24
 Nitrobenzene
 Concen: 47.30 ng
 RT: 9.76 min Scan# 1033
 Delta R.T. -0.02 min
 Lab File: BG027338.D
 Acq: 9 Jun 2017 5:37

Tgt Ion: 77 Resp: 190225
 Ion Ratio Lower Upper
 77 100
 123 39.3 26.1 39.1#
 65 12.7 12.4 18.6





#25

Isophorone

Concen: 44.49 ng

RT: 10.28 min Scan# 1122

Delta R.T. -0.03 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

Instrument :

BNA_G

ClientSampleId :

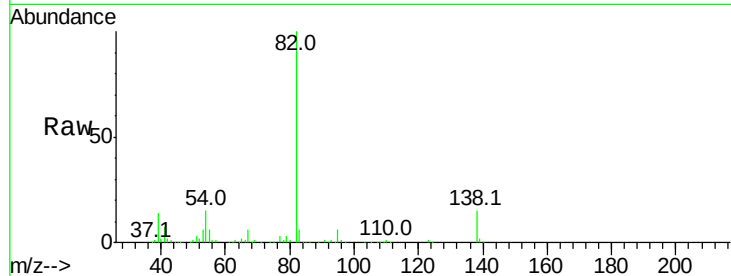
Tot Ion: 82 Resp: 369352

Ion Ratio Lower Upper

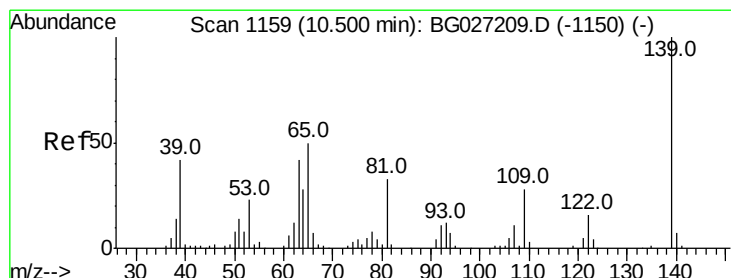
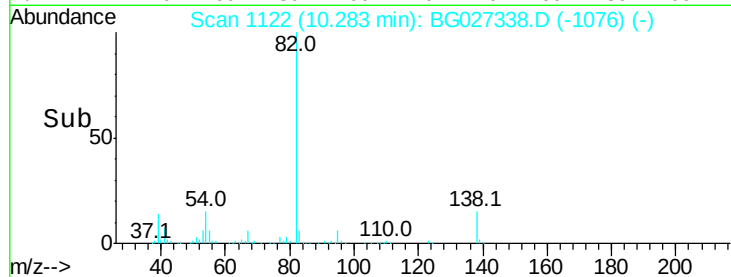
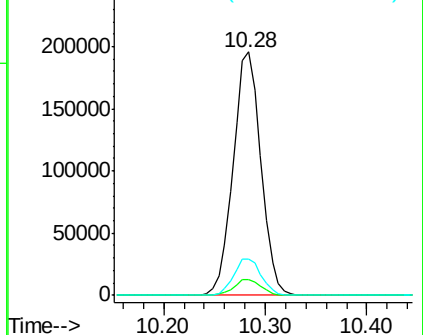
82 100

95 6.4 7.5 11.3#

138 14.9 12.3 18.5



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



#26

2-Nitrophenol

Concen: 47.57 ng

RT: 10.48 min Scan# 1155

Delta R.T. -0.02 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

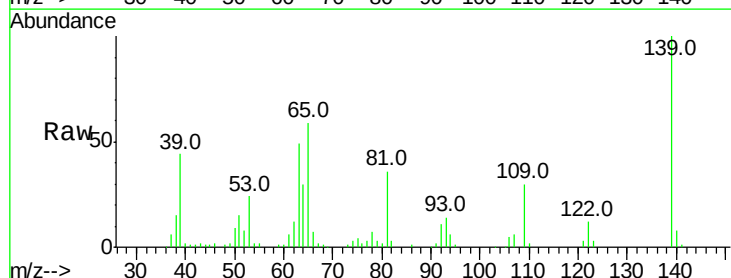
Tgt Ion: 139 Resp: 78753

Ion Ratio Lower Upper

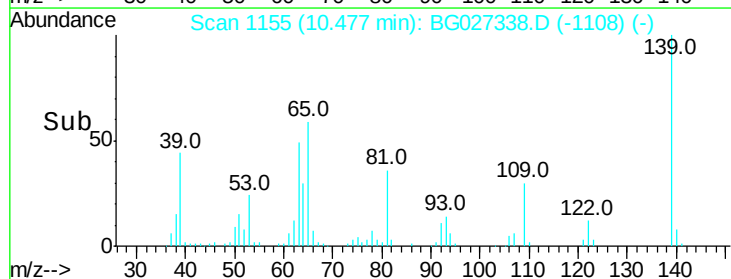
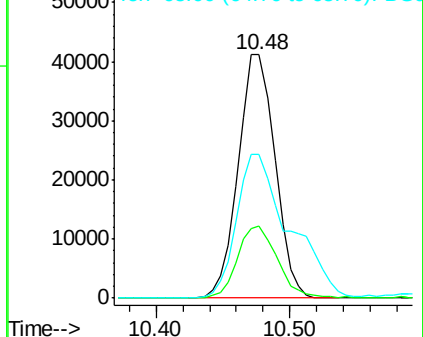
139 100

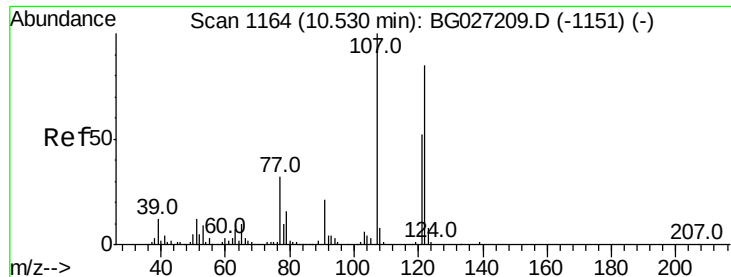
109 29.6 38.6 58.0#

65 59.2 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

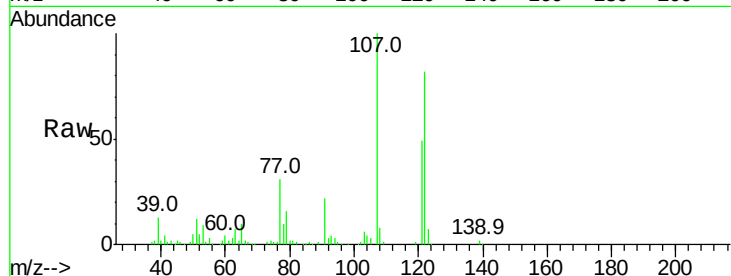




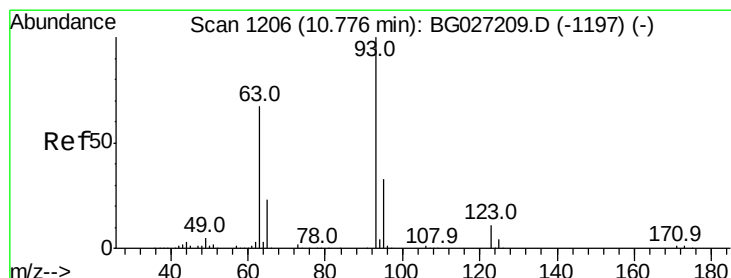
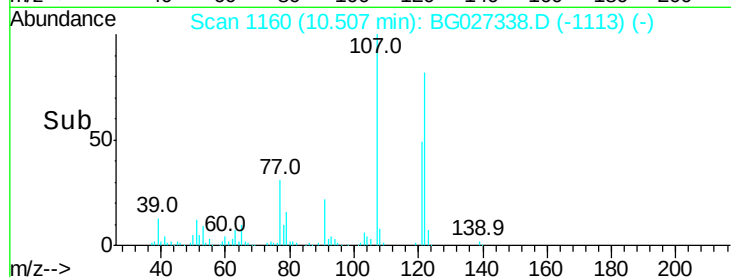
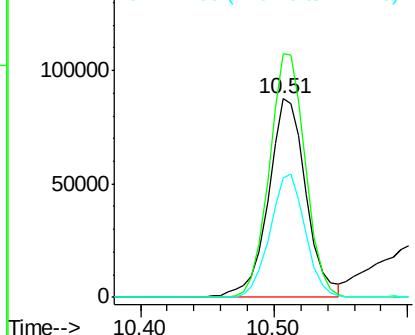
#27
2,4-Dimethylphenol
Concen: 48.22 ng
RT: 10.51 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BG027338.D
Acq: 9 Jun 2017 5:37

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	122.6	104.2	156.4
121	60.2	46.0	69.0

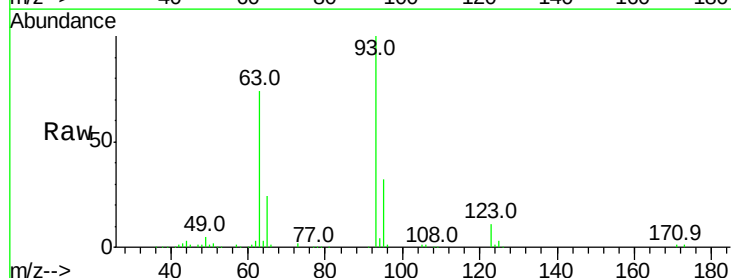


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

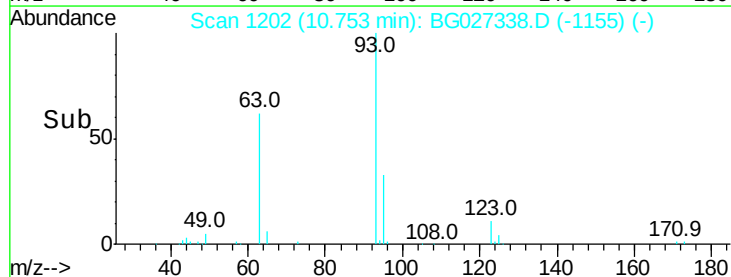
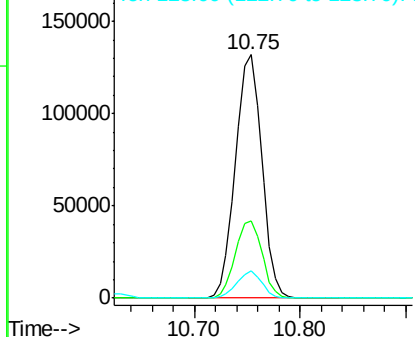


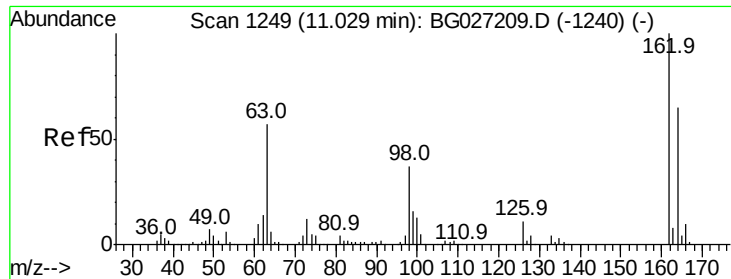
#28
bis(2-Chloroethoxy)methane
Concen: 42.43 ng
RT: 10.75 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BG027338.D
Acq: 9 Jun 2017 5:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.7	38.5
123	11.1	8.3	12.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

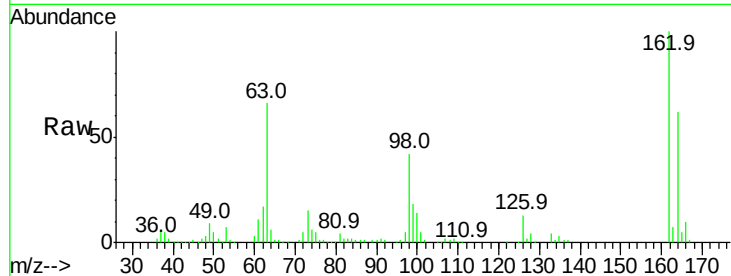




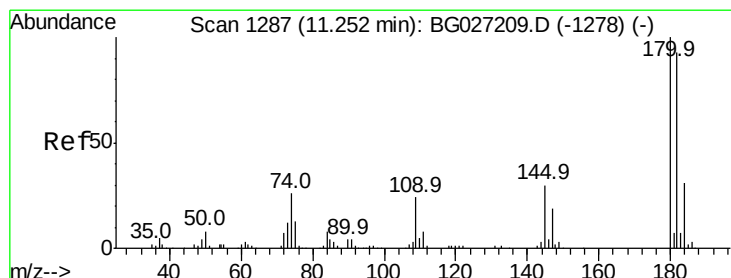
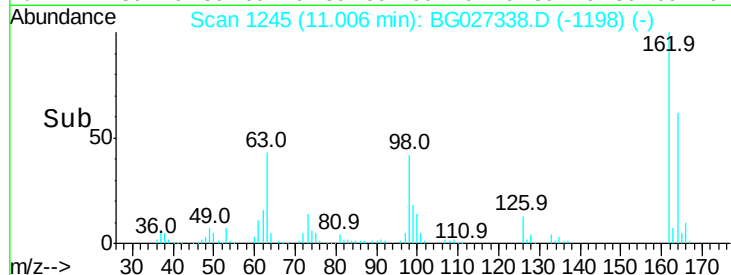
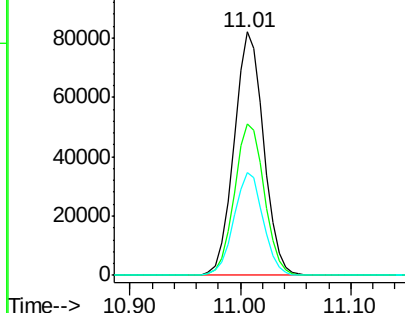
#29
 2,4-Dichlorophenol
 Concen: 47.29 ng
 RT: 11.01 min Scan# 1245
 Delta R.T. -0.02 min
 Lab File: BG027338.D
 Acq: 9 Jun 2017 5:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 154079
 Ion Ratio Lower Upper
 162 100
 164 62.2 42.4 82.4
 98 42.1 20.3 60.3

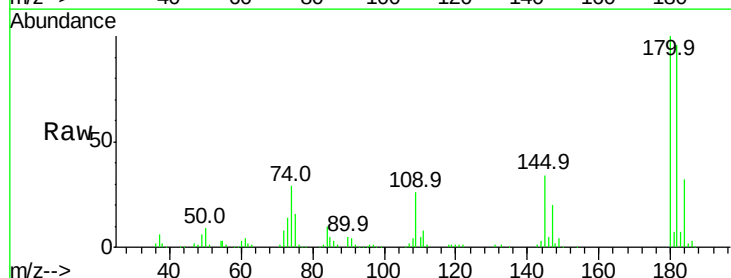


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

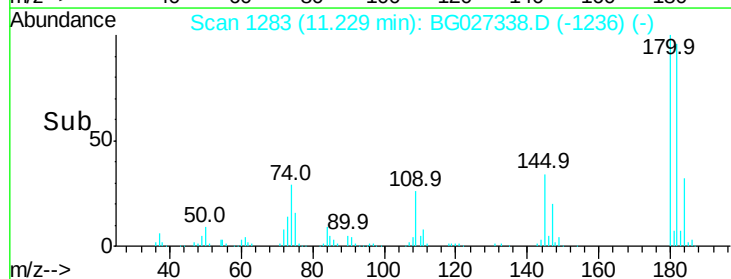
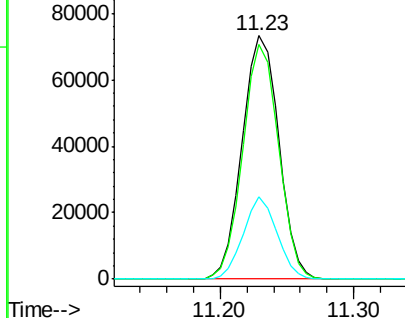


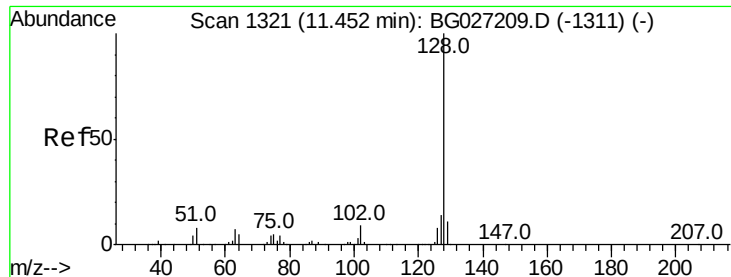
#30
 1,2,4-Trichlorobenzene
 Concen: 38.54 ng
 RT: 11.23 min Scan# 1283
 Delta R.T. -0.02 min
 Lab File: BG027338.D
 Acq: 9 Jun 2017 5:37

Tgt Ion:180 Resp: 139055
 Ion Ratio Lower Upper
 180 100
 182 96.4 77.0 115.4
 145 33.8 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

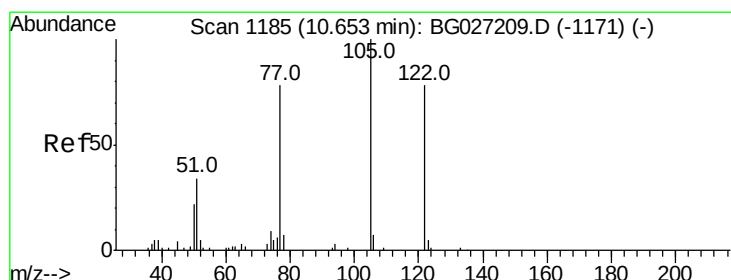
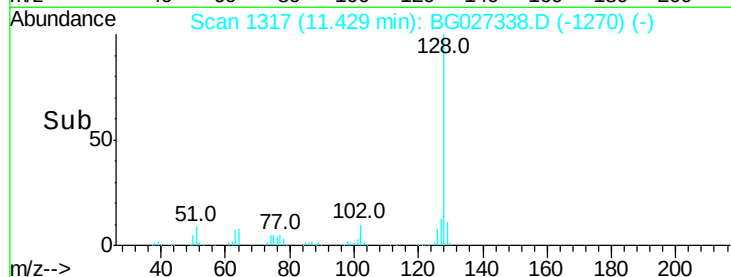
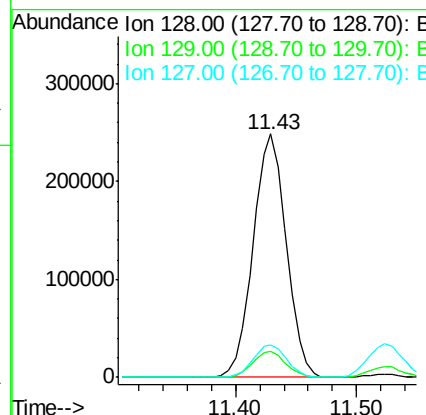
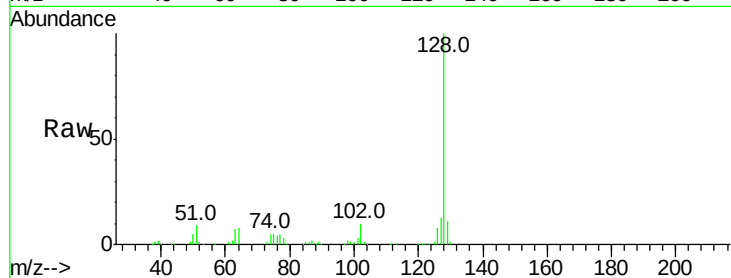




#31
Naphthalene
Concen: 38.89 ng
RT: 11.43 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BG027338.D
Acq: 9 Jun 2017 5:37

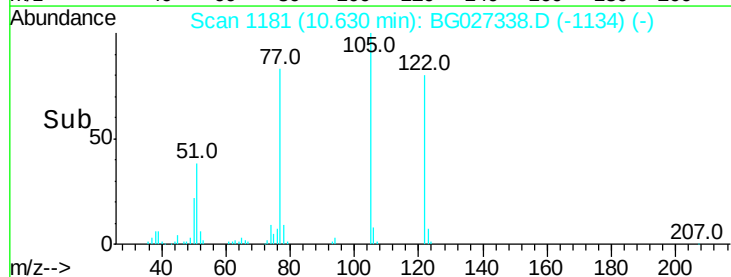
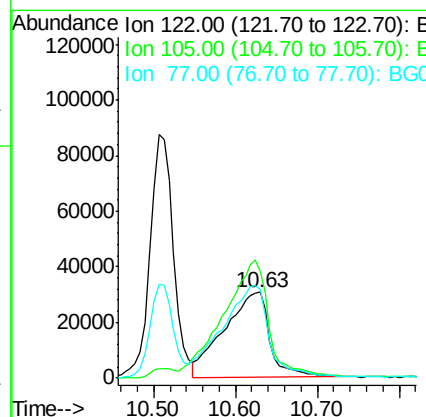
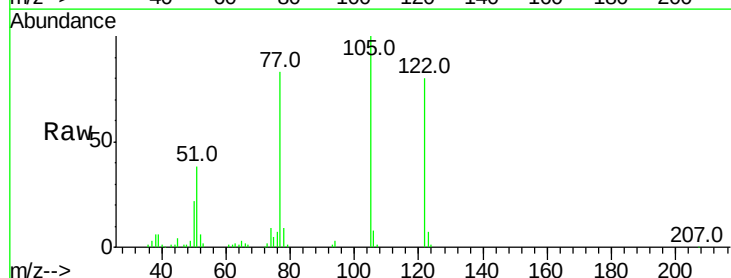
Instrument :
BNA_G
ClientSampleId :

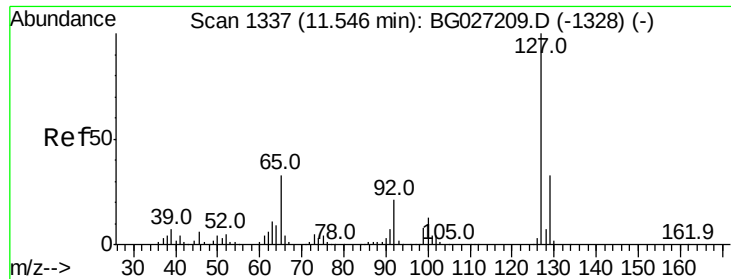
Tot Ion:128 Resp: 471920
Ion Ratio Lower Upper
128 100
129 10.9 9.3 13.9
127 13.2 11.4 17.0



#32
Benzoic acid
Concen: 47.97 ng
RT: 10.63 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BG027338.D
Acq: 9 Jun 2017 5:37

Tgt Ion:122 Resp: 118420
Ion Ratio Lower Upper
122 100
105 125.1 120.1 160.1
77 103.3 104.6 144.6#

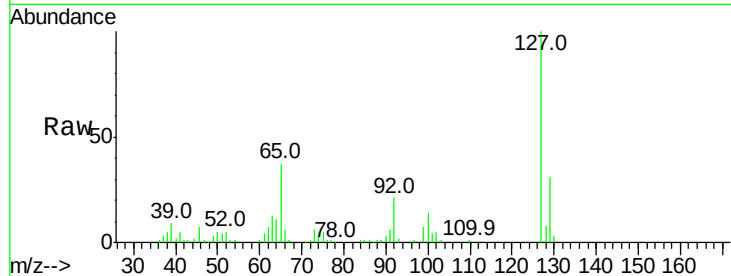




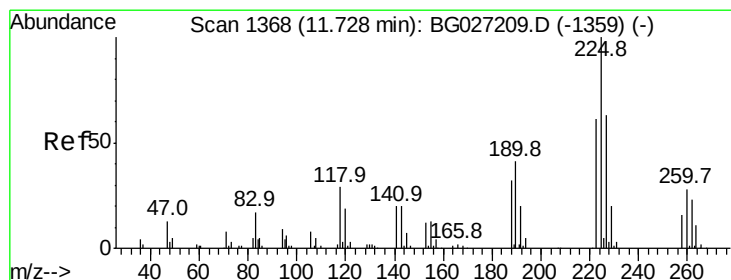
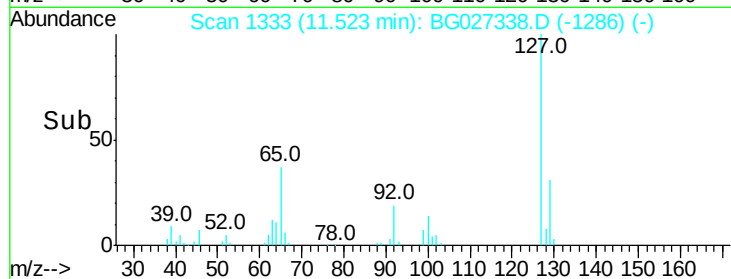
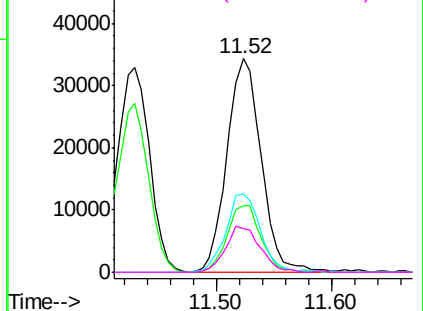
#33
4-Chloroaniline
Concen: 14.03 ng
RT: 11.52 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BG027338.D
Acq: 9 Jun 2017 5:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	70924
Ion	Ratio	Lower	Upper
127	100		
129	31.4	23.6	35.4
65	36.9	37.7	56.5#
92	20.6	17.6	26.4

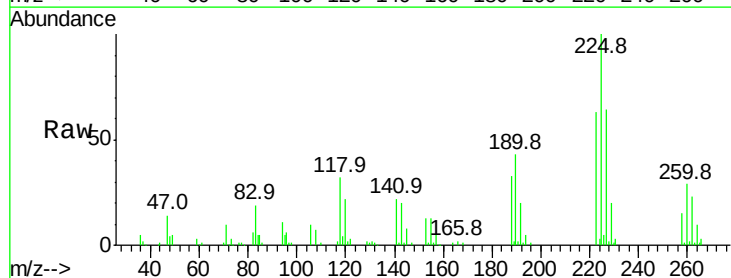


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

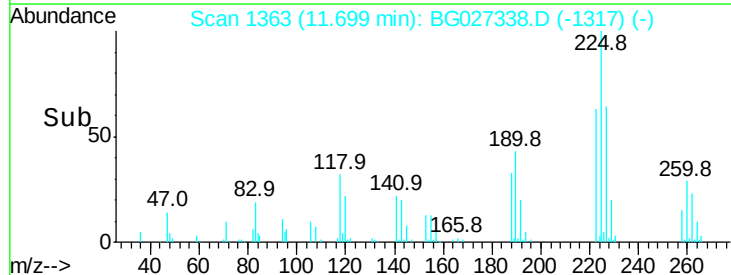
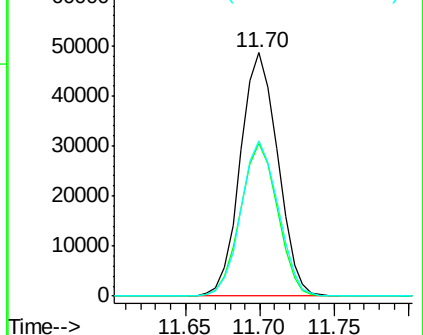


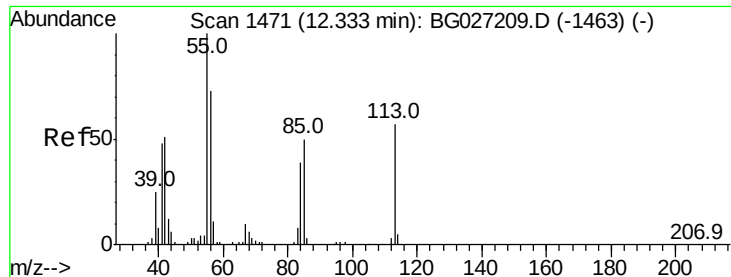
#34
Hexachlorobutadiene
Concen: 38.09 ng
RT: 11.70 min Scan# 1363
Delta R.T. -0.03 min
Lab File: BG027338.D
Acq: 9 Jun 2017 5:37

Tgt Ion:	225	Resp:	84471
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.7	76.1
227	64.0	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: 38.39 ng

RT: 12.30 min Scan# 1465

Delta R.T. -0.03 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

Instrument :

BNA_G

ClientSampleId :

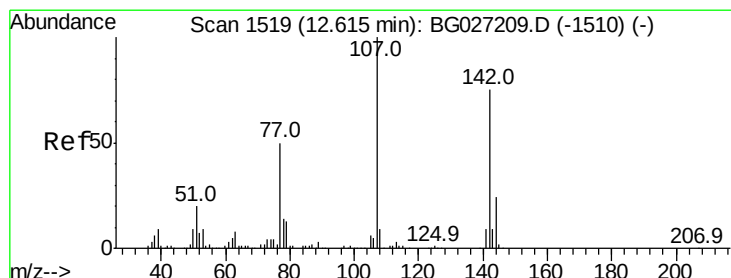
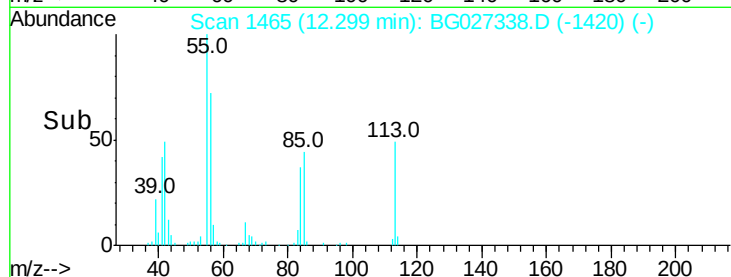
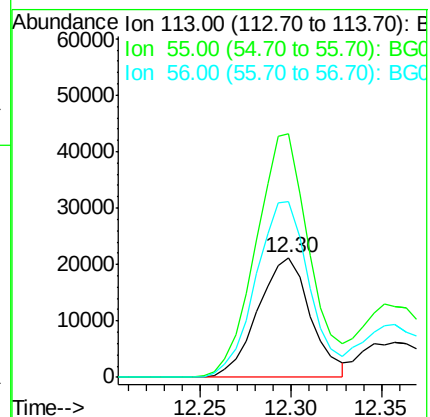
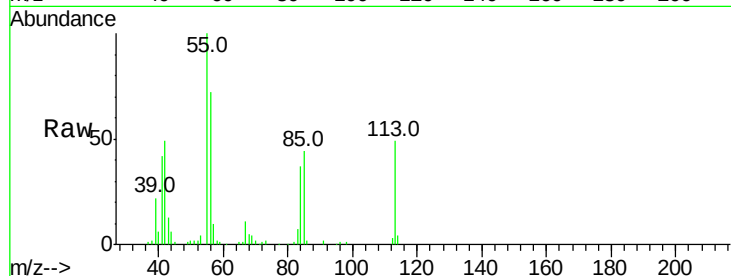
Tot Ion:113 Resp: 42901

Ion Ratio Lower Upper

113 100

55 202.9 198.6 238.6

56 146.5 140.4 180.4



#36

4-Chloro-3-methylphenol

Concen: 49.98 ng

RT: 12.60 min Scan# 1516

Delta R.T. -0.02 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

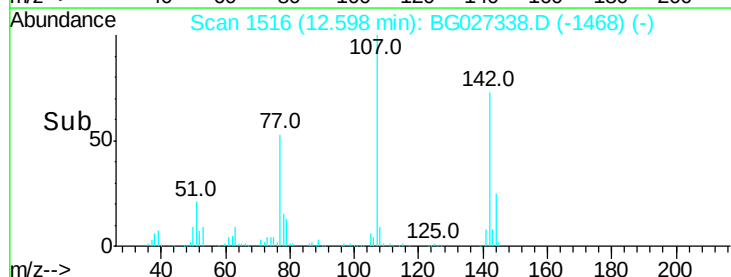
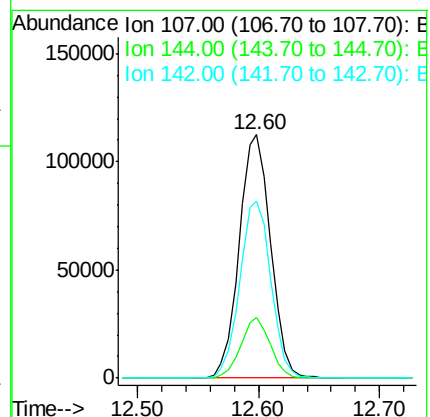
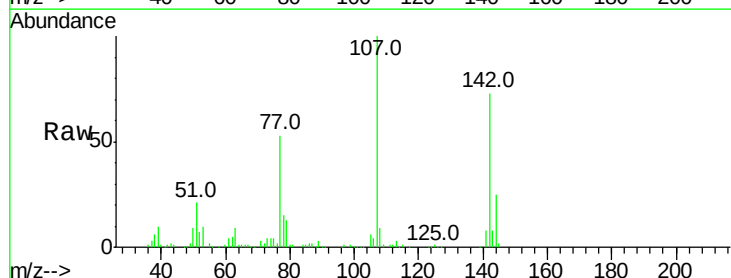
Tgt Ion:107 Resp: 204125

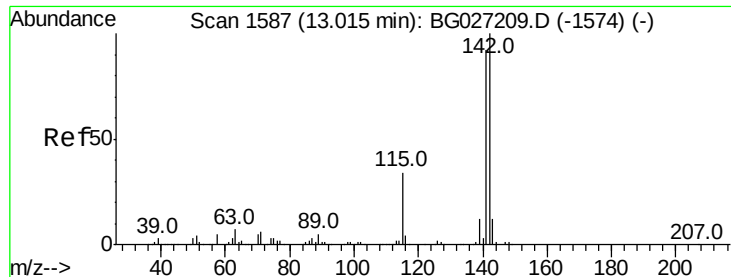
Ion Ratio Lower Upper

107 100

144 24.8 17.4 26.0

142 72.9 54.1 81.1

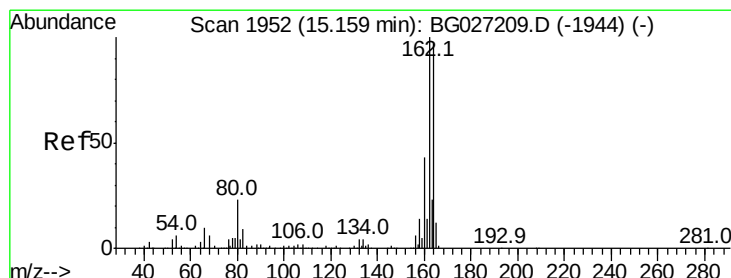
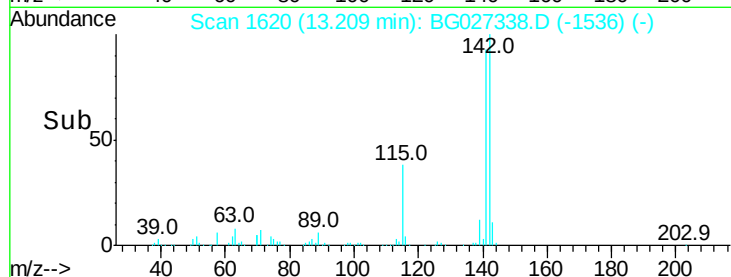
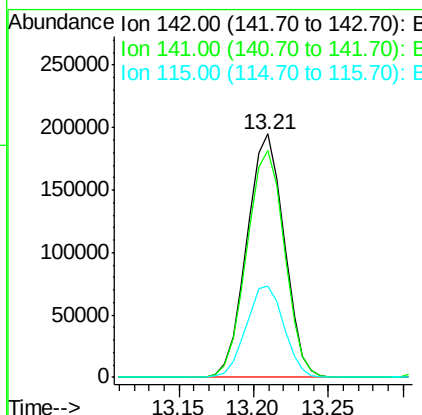
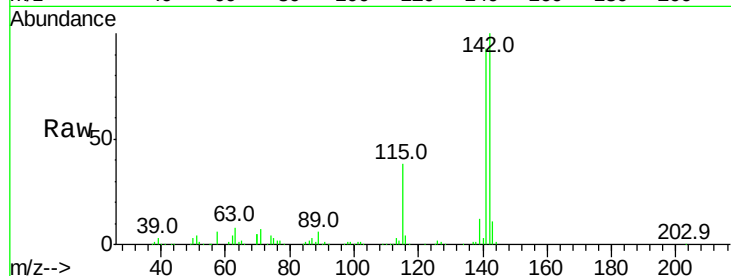




#37
2-Methylnaphthalene
Concen: 38.04 ng
RT: 13.21 min Scan# 1620
Delta R.T. 0.19 min
Lab File: BG027338.D
Acq: 9 Jun 2017 5:37

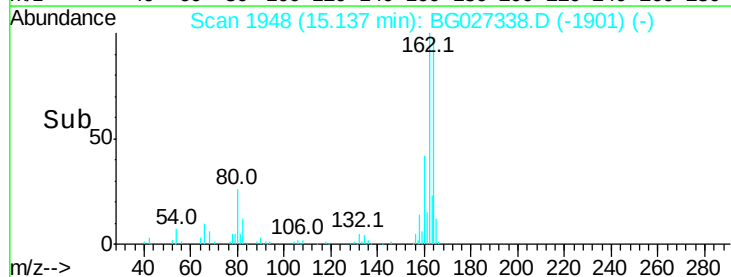
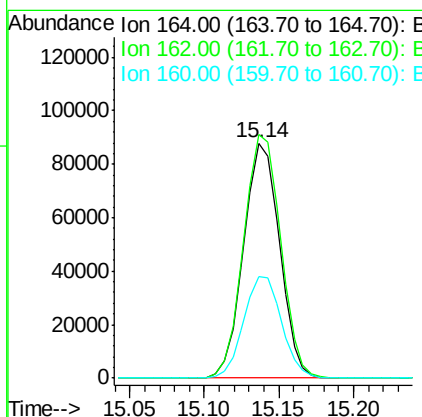
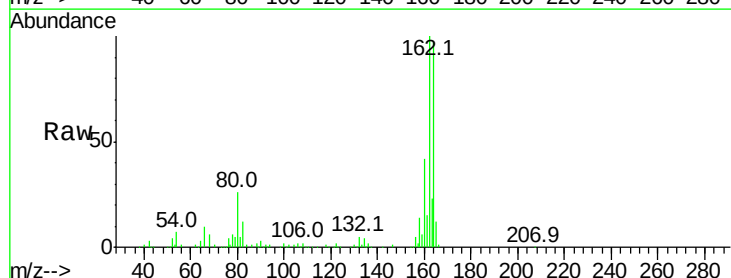
Instrument :
BNA_G
ClientSampleId :

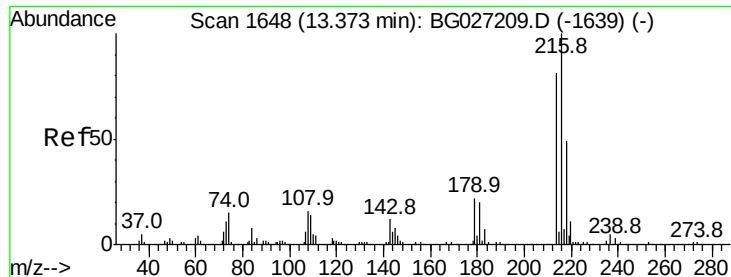
Tot Ion:142 Resp: 336729
Ion Ratio Lower Upper
142 100
141 93.2 70.4 105.6
115 37.7 35.5 53.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.14 min Scan# 1948
Delta R.T. -0.02 min
Lab File: BG027338.D
Acq: 9 Jun 2017 5:37

Tgt Ion:164 Resp: 146611
Ion Ratio Lower Upper
164 100
162 103.5 85.1 127.7
160 43.1 34.7 52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.41 ng

RT: 13.35 min Scan# 1644

Delta R.T. -0.02 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 166316

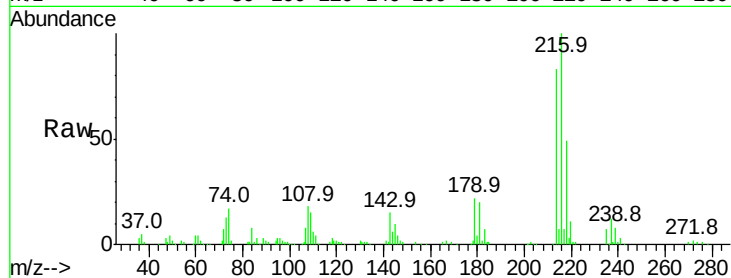
Ion Ratio Lower Upper

216 100

214 80.1 64.4 96.6

179 22.1 17.4 26.0

108 22.3 15.6 23.4

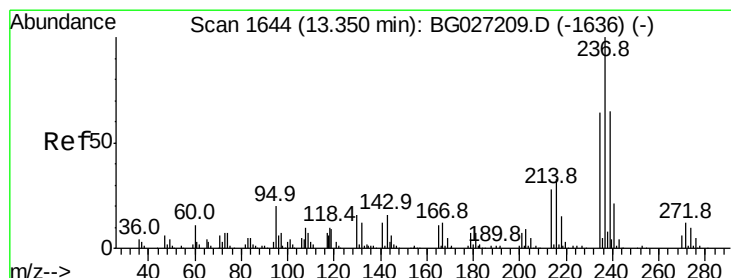
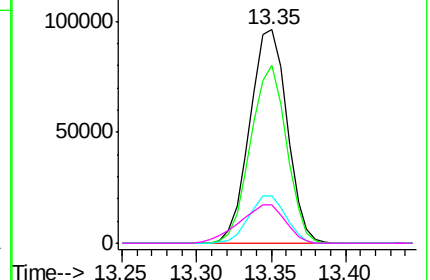
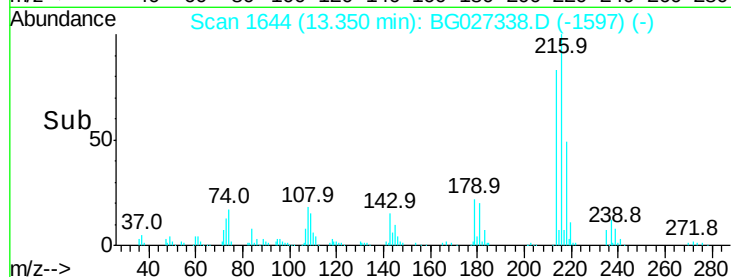


Abundance Ion 216.00 (215.70 to 216.70): E

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: 95.01 ng

RT: 13.33 min Scan# 1640

Delta R.T. -0.02 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

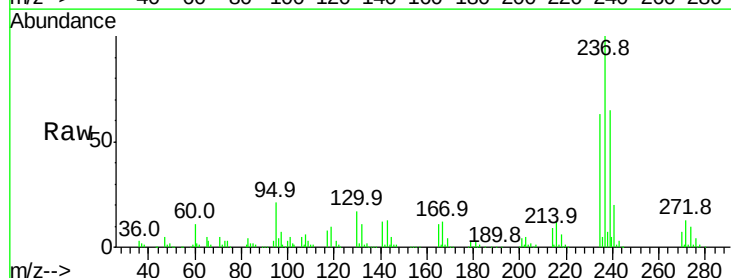
Tgt Ion:237 Resp: 230967

Ion Ratio Lower Upper

237 100

235 62.5 39.4 79.4

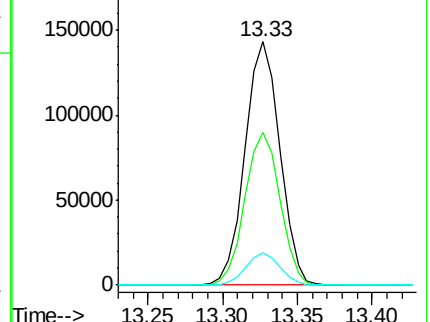
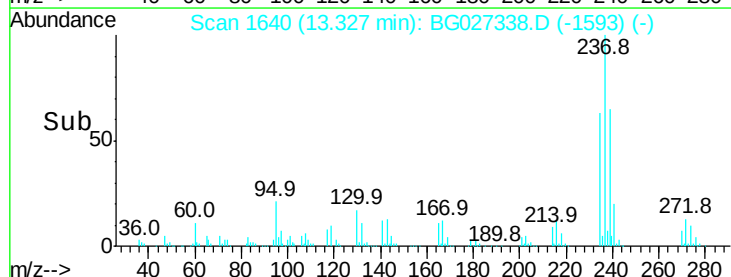
272 13.4 0.0 32.0

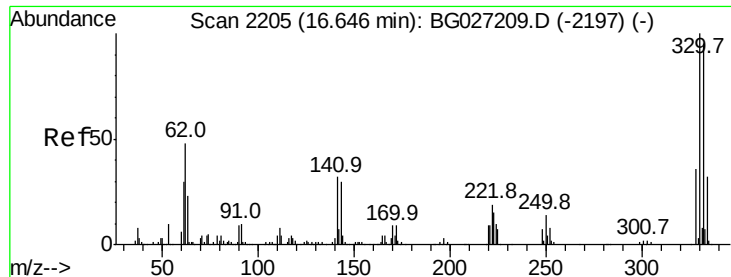


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

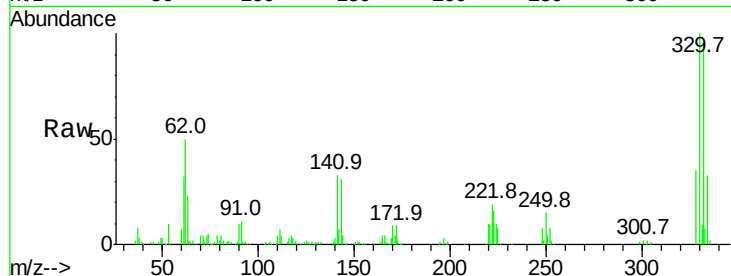




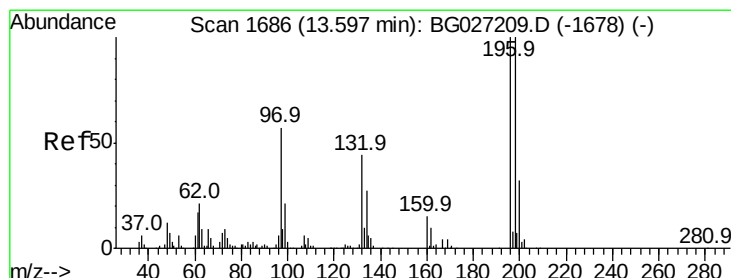
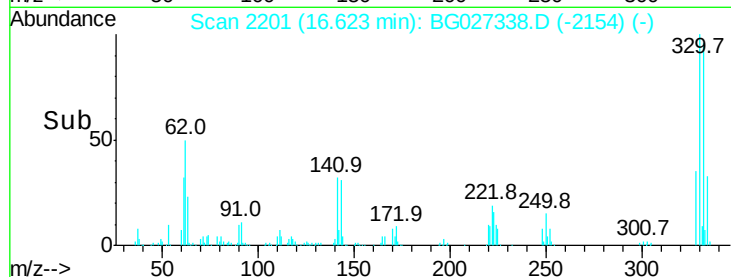
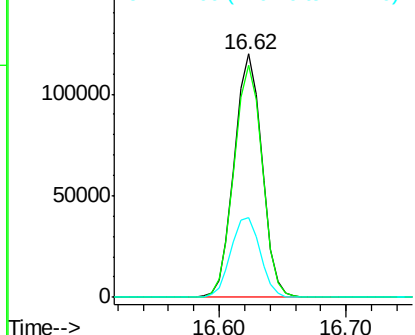
#41
 2,4,6-Tribromophenol
 Concen: 94.23 ng
 RT: 16.62 min Scan# 2201
 Delta R.T. -0.02 min
 Lab File: BG027338.D
 Acq: 9 Jun 2017 5:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	34.7	32.1	48.1

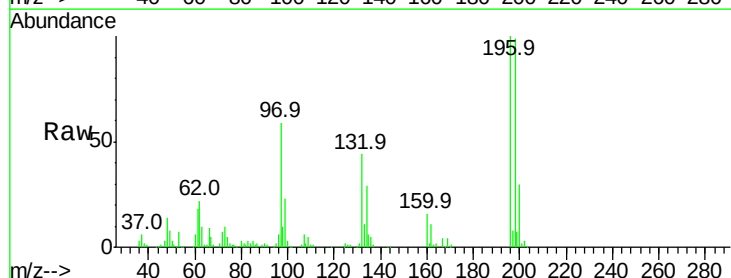


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

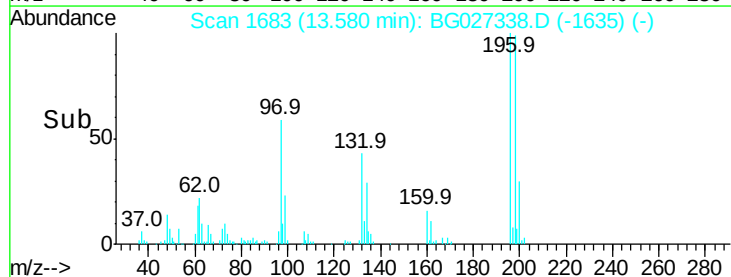
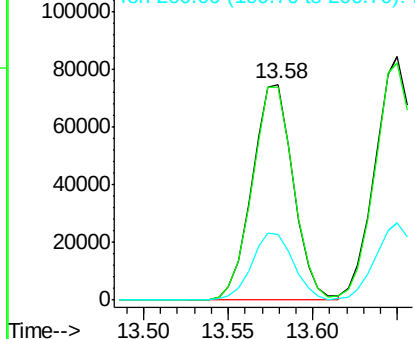


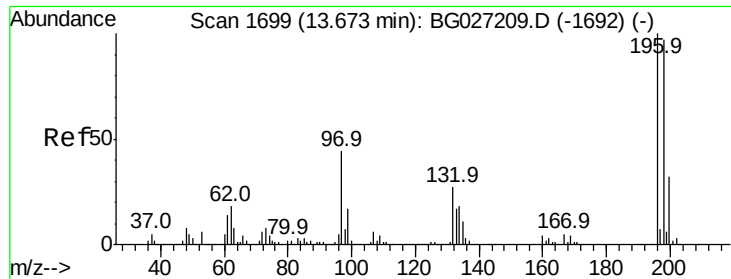
#42
 2,4,6-Trichlorophenol
 Concen: 45.57 ng
 RT: 13.58 min Scan# 1683
 Delta R.T. -0.02 min
 Lab File: BG027338.D
 Acq: 9 Jun 2017 5:37

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.8	81.4	122.2
200	30.4	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

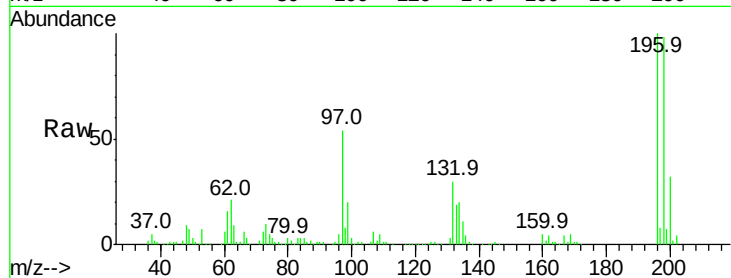




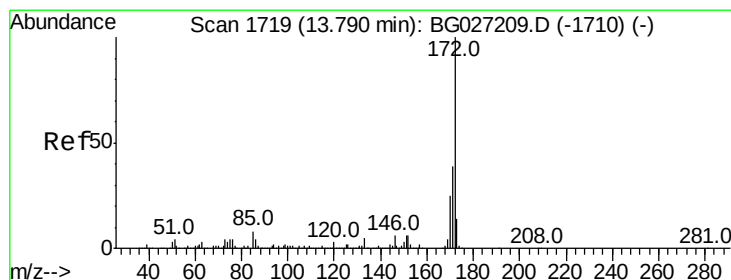
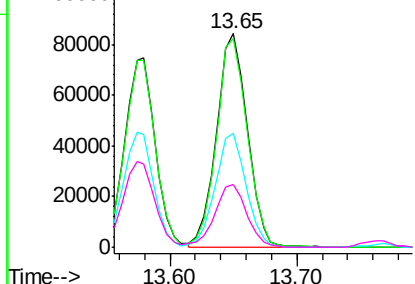
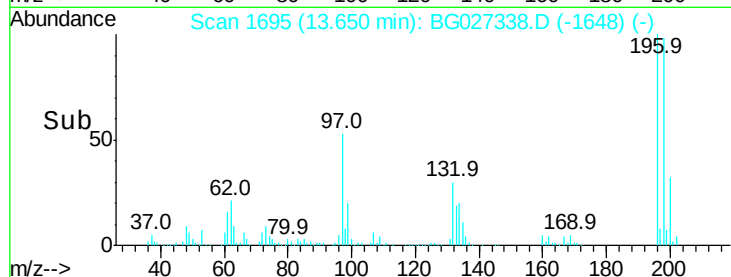
#43
 2,4,5-Trichlorophenol
 Concen: 45.95 ng
 RT: 13.65 min Scan# 1695
 Delta R.T. -0.02 min
 Lab File: BG027338.D
 Acq: 9 Jun 2017 5:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 142433
 Ion Ratio Lower Upper
 196 100
 198 97.6 79.9 119.9
 97 53.5 45.4 68.0
 132 29.5 20.7 31.1

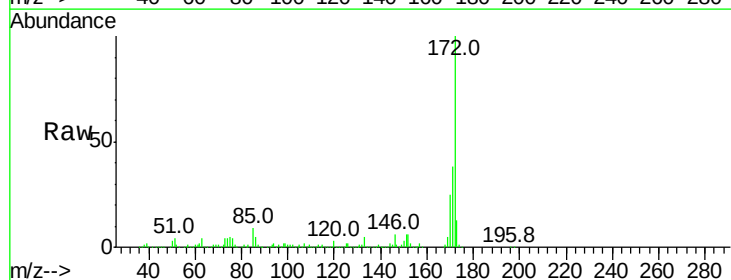


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

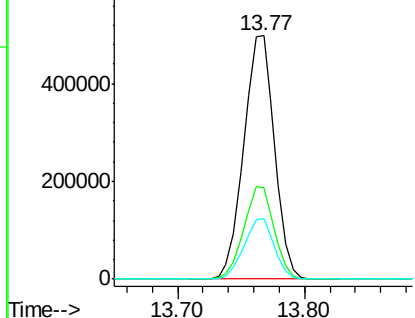
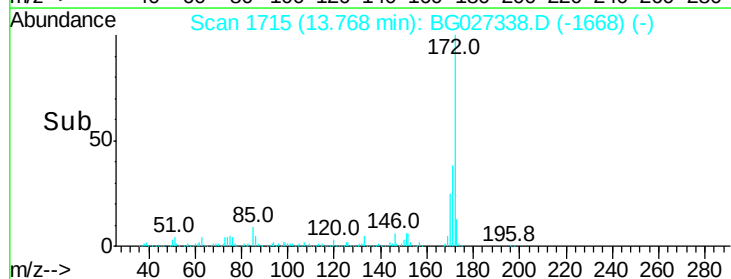


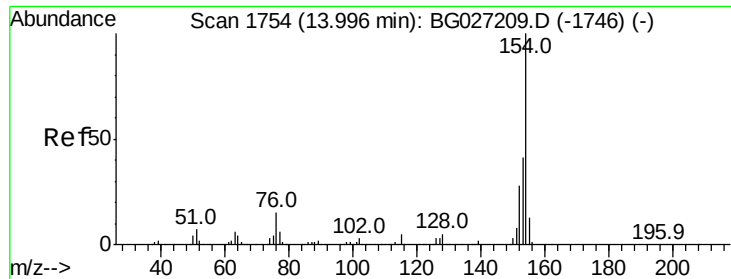
#44
 2-Fluorobiphenyl
 Concen: 79.99 ng
 RT: 13.77 min Scan# 1715
 Delta R.T. -0.02 min
 Lab File: BG027338.D
 Acq: 9 Jun 2017 5:37

Tgt Ion:172 Resp: 838331
 Ion Ratio Lower Upper
 172 100
 171 37.5 32.2 48.2
 170 25.0 21.8 32.6



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

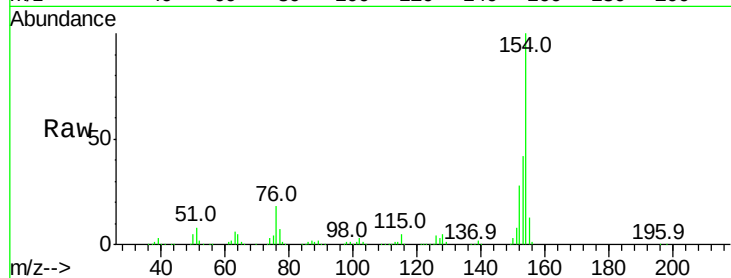




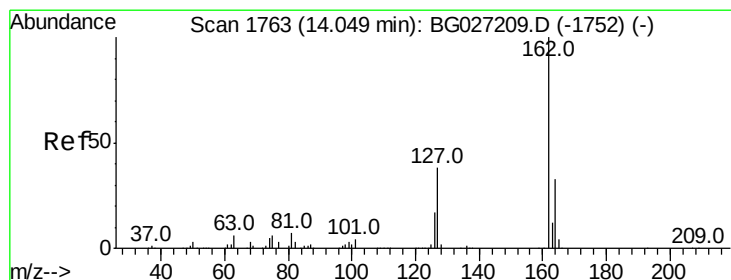
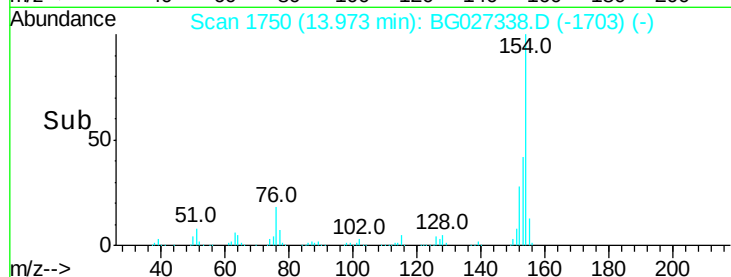
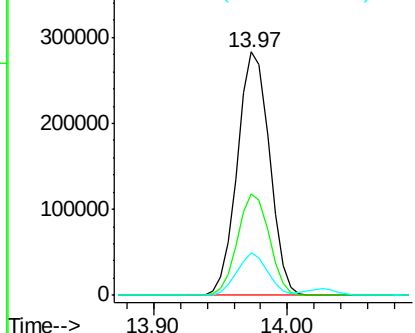
#45
 1,1'-Biphenyl
 Concen: 39.43 ng
 RT: 13.97 min Scan# 1750
 Delta R.T. -0.02 min
 Lab File: BG027338.D
 Acq: 9 Jun 2017 5:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.7	23.0	63.0
76	17.7	0.0	33.5

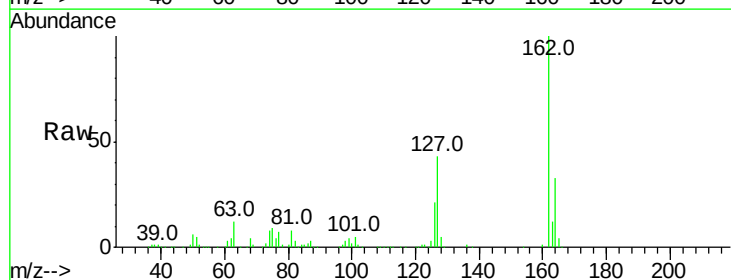


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

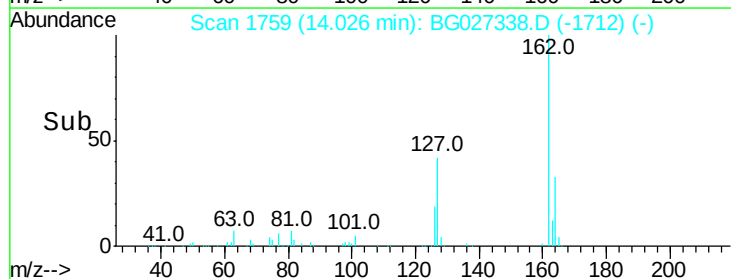
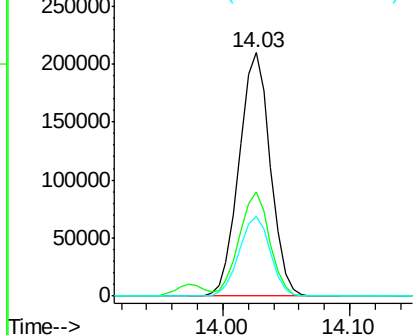


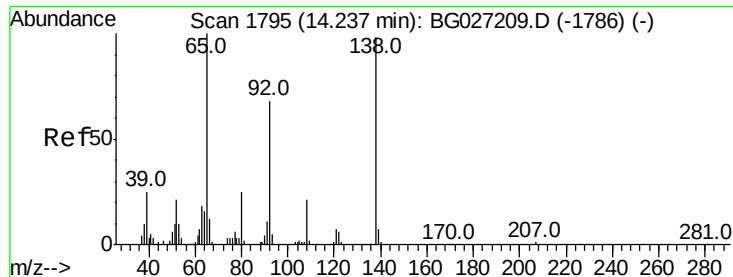
#46
 2-Chloronaphthalene
 Concen: 39.78 ng
 RT: 14.03 min Scan# 1759
 Delta R.T. -0.02 min
 Lab File: BG027338.D
 Acq: 9 Jun 2017 5:37

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.7	32.2	48.4
164	33.0	27.3	40.9



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 55.94 ng

RT: 14.22 min Scan# 1792

Delta R.T. -0.02 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

Instrument :

BNA_G

ClientSampleId :

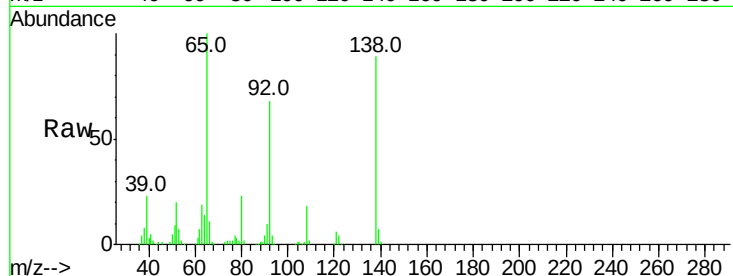
Tot Ion: 65 Resp: 146079

Ion Ratio Lower Upper

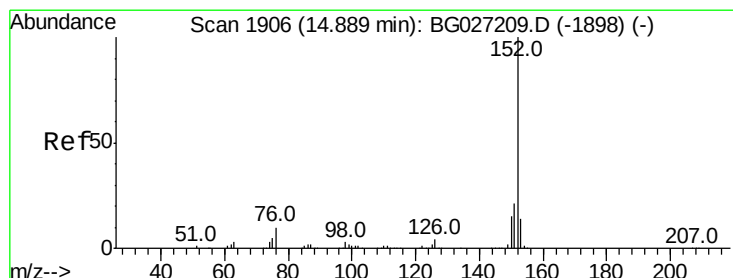
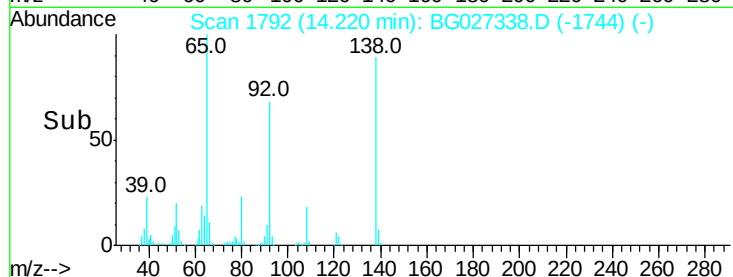
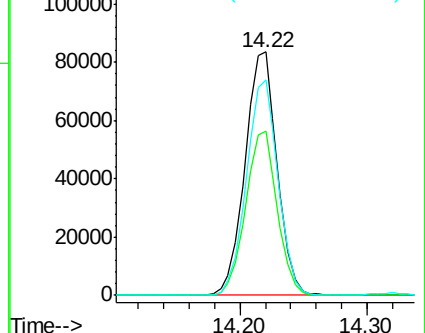
65 100

92 67.7 49.0 73.4

138 88.7 58.6 87.8#



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



#48

Acenaphthylene

Concen: 39.05 ng

RT: 14.87 min Scan# 1902

Delta R.T. -0.02 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

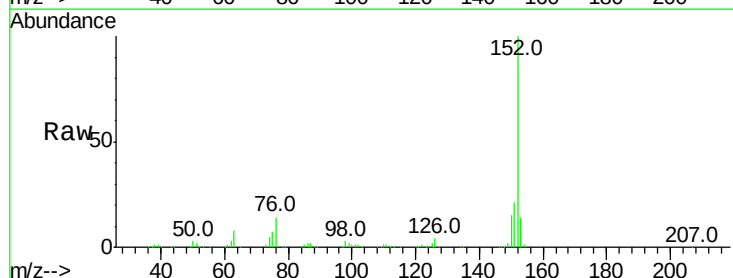
Tgt Ion: 152 Resp: 593018

Ion Ratio Lower Upper

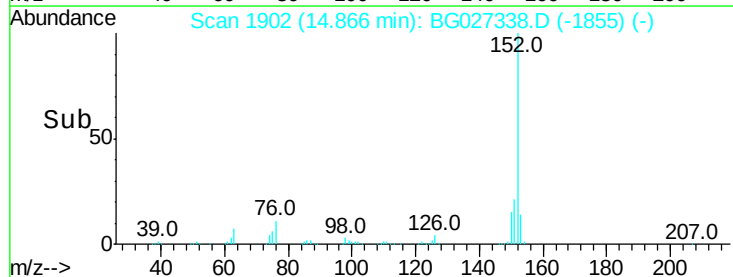
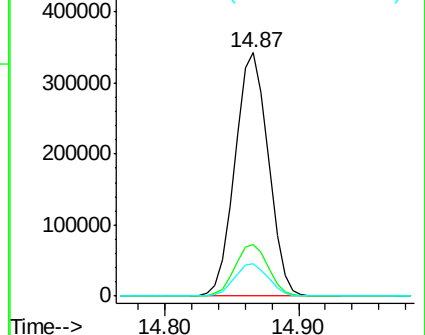
152 100

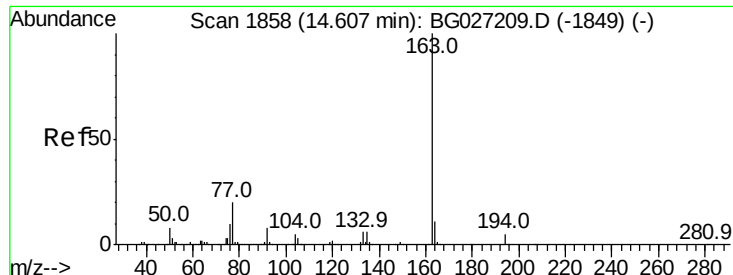
151 21.1 18.2 27.2

153 13.6 11.3 16.9



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





#49

Dimethylphthalate

Concen: 43.08 ng

RT: 14.58 min Scan# 1853

Delta R.T. -0.03 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

Instrument :

BNA_G

ClientSampleId :

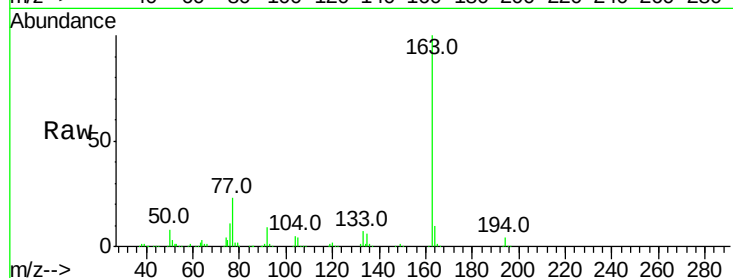
Tot Ion:163 Resp: 500983

Ion Ratio Lower Upper

163 100

194 4.5 3.8 5.6

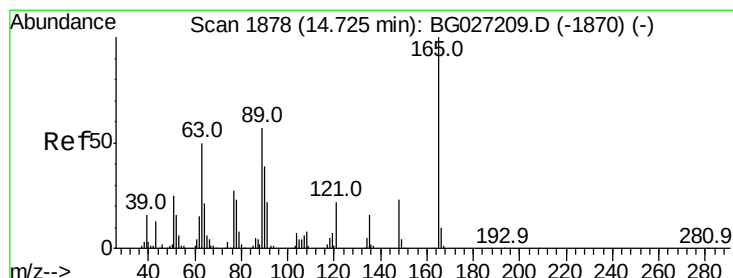
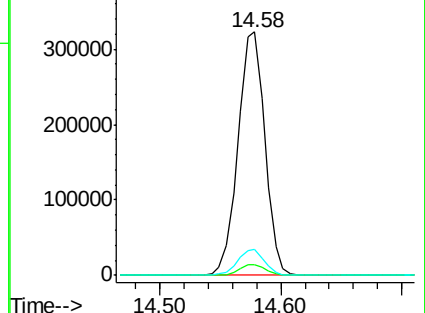
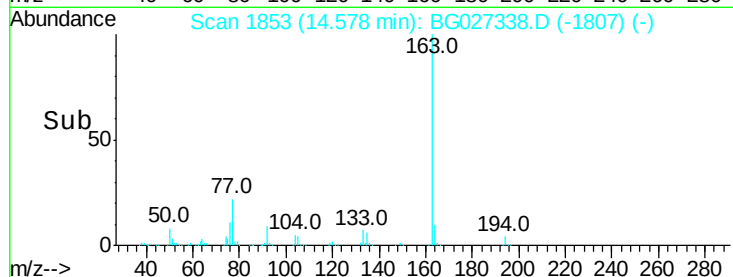
164 10.4 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 46.63 ng

RT: 14.70 min Scan# 1874

Delta R.T. -0.02 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

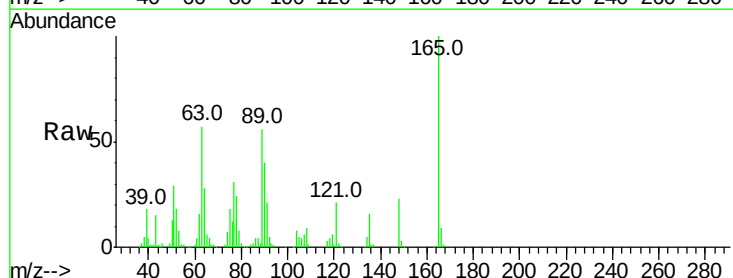
Tgt Ion:165 Resp: 109742

Ion Ratio Lower Upper

165 100

63 57.4 63.9 95.9#

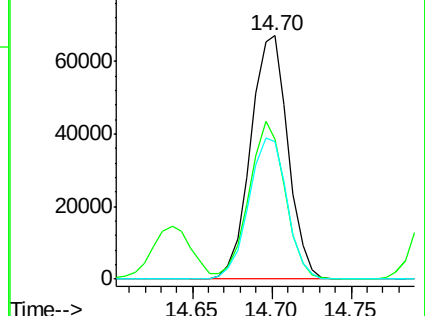
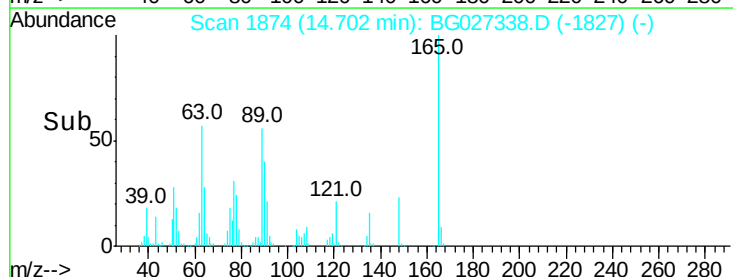
89 56.2 58.6 88.0#

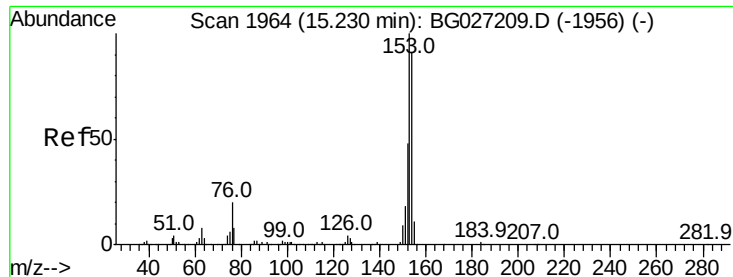


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 44.63 ng

RT: 15.20 min Scan# 1959

Delta R.T. -0.03 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

Instrument :

BNA_G

ClientSampleId :

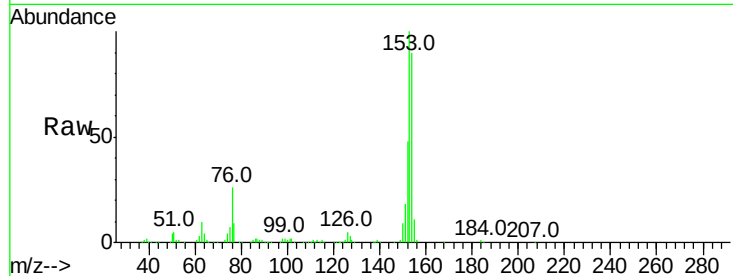
Tot Ion:154 Resp: 440800

Ion Ratio Lower Upper

154 100

153 111.1 87.8 131.6

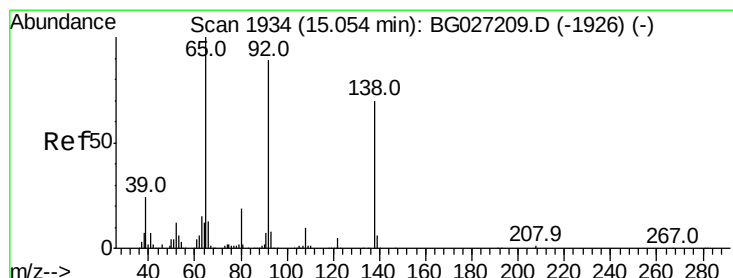
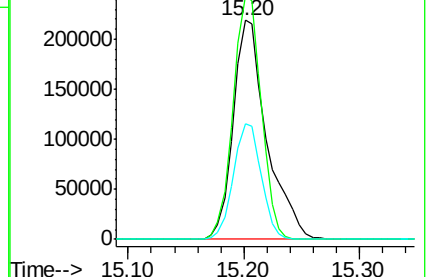
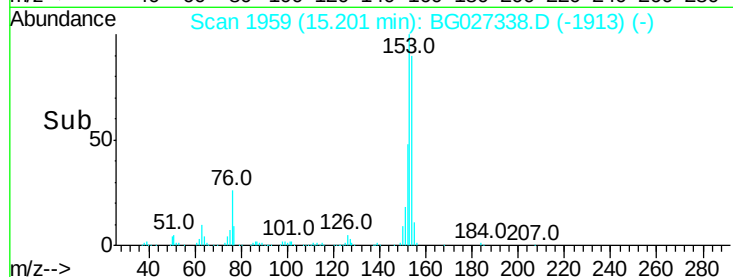
152 52.9 42.2 63.4



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: 28.71 ng

RT: 15.03 min Scan# 1930

Delta R.T. -0.02 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

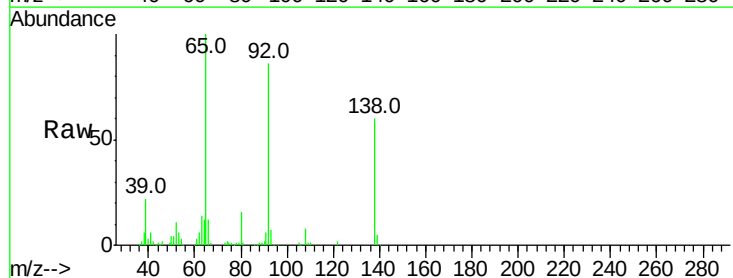
Tgt Ion:138 Resp: 64703

Ion Ratio Lower Upper

138 100

108 12.9 10.9 16.3

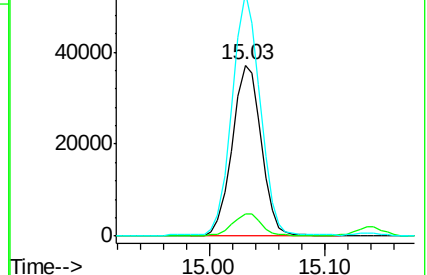
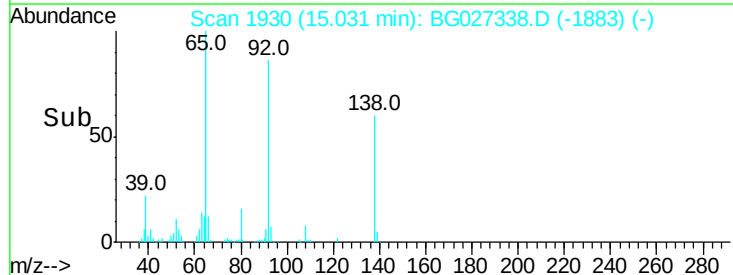
92 142.2 115.3 172.9

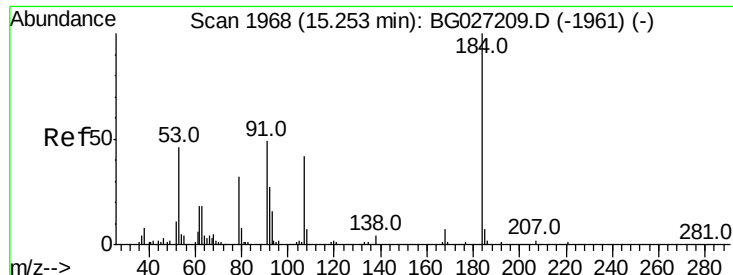


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

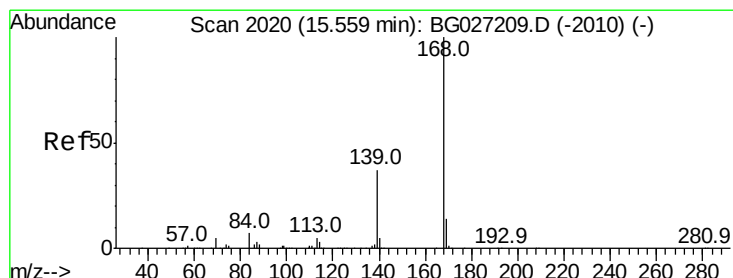
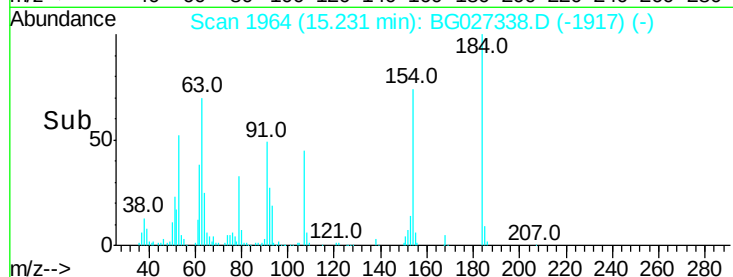
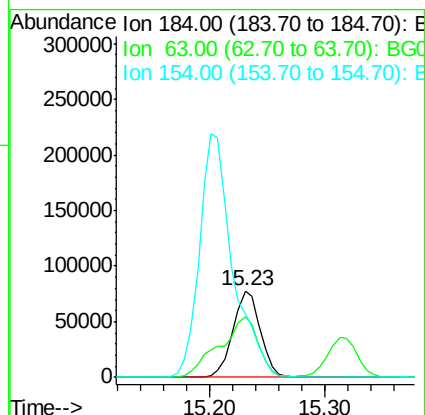
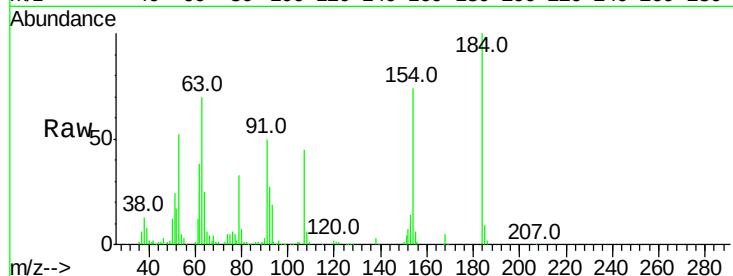




#53
2,4-Dinitrophenol
Concen: 100.73 ng
RT: 15.23 min Scan# 1964
Delta R.T. -0.02 min
Lab File: BG027338.D
Acq: 9 Jun 2017 5:37

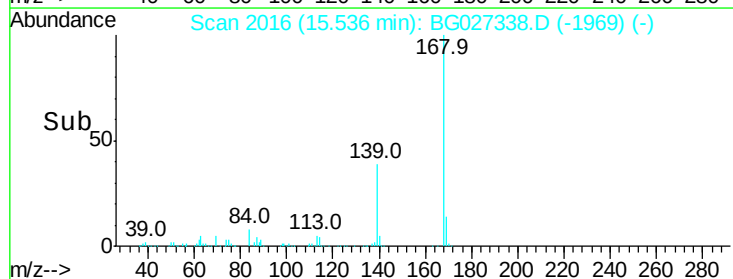
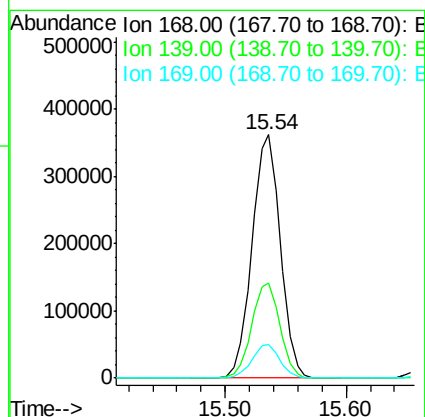
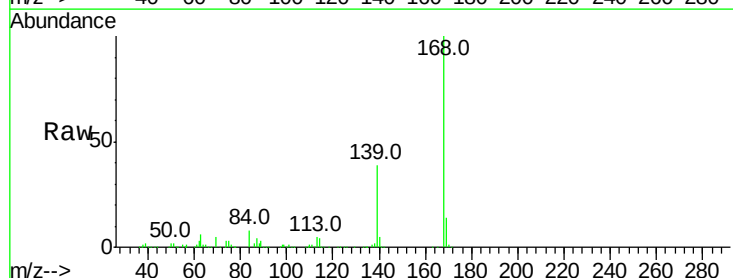
Instrument :
BNA_G
ClientSampled :

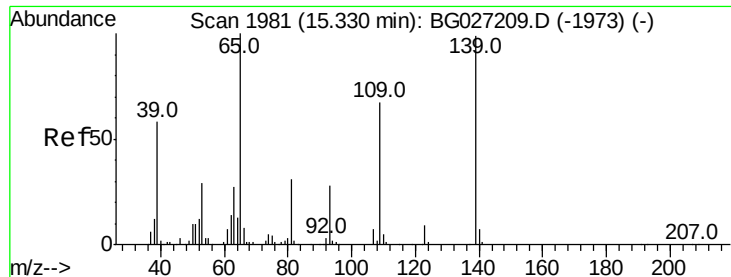
Tot Ion:184 Resp: 128075
Ion Ratio Lower Upper
184 100
63 70.3 52.7 79.1
154 73.6 57.3 85.9



#54
Dibenzofuran
Concen: 42.75 ng
RT: 15.54 min Scan# 2016
Delta R.T. -0.02 min
Lab File: BG027338.D
Acq: 9 Jun 2017 5:37

Tgt Ion:168 Resp: 590042
Ion Ratio Lower Upper
168 100
139 39.1 35.3 52.9
169 13.9 11.5 17.3

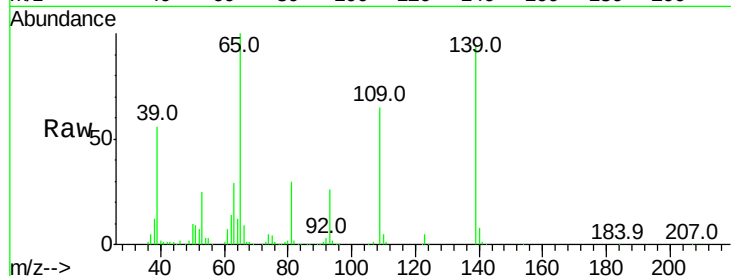




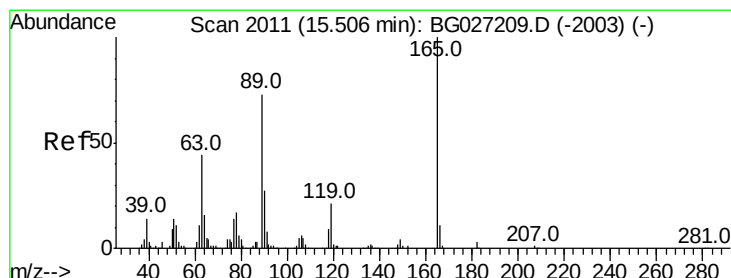
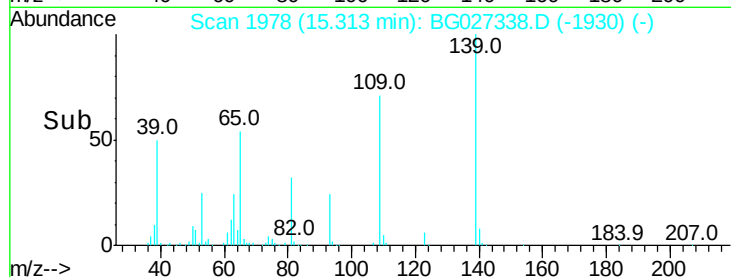
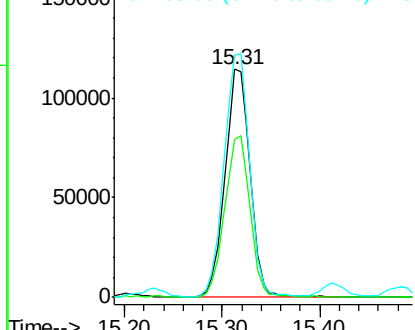
#55
4-Nitrophenol
Concen: 92.03 ng
RT: 15.31 min Scan# 1978
Delta R.T. -0.02 min
Lab File: BG027338.D
Acq: 9 Jun 2017 5:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	69.1	101.2	141.2#
65	106.5	135.3	175.3#

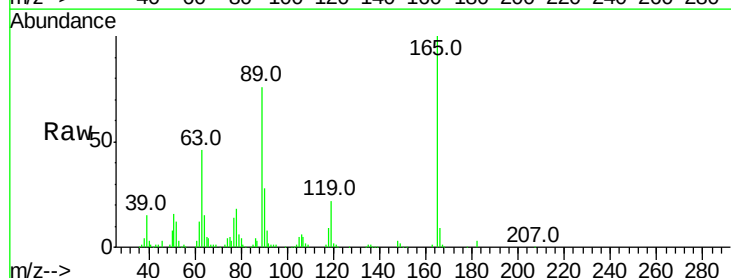


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

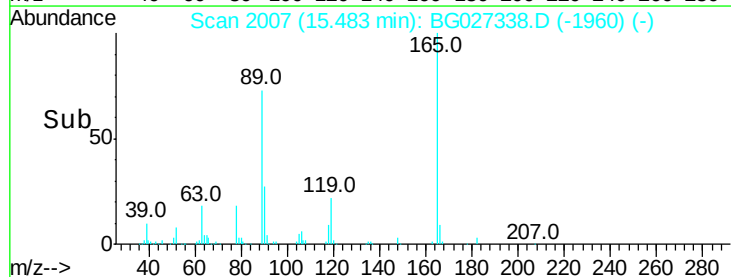
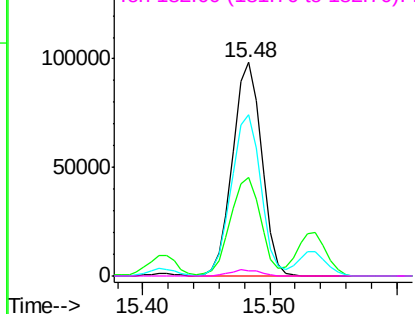


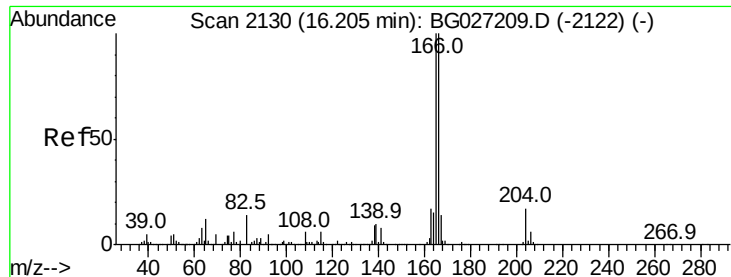
#56
2,4-Dinitrotoluene
Concen: 51.10 ng
RT: 15.48 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BG027338.D
Acq: 9 Jun 2017 5:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.1	44.0	66.0
89	75.7	67.3	100.9
182	2.6	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: 40.23 ng

RT: 16.18 min Scan# 2126

Delta R.T. -0.02 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

Instrument :

BNA_G

ClientSampleId :

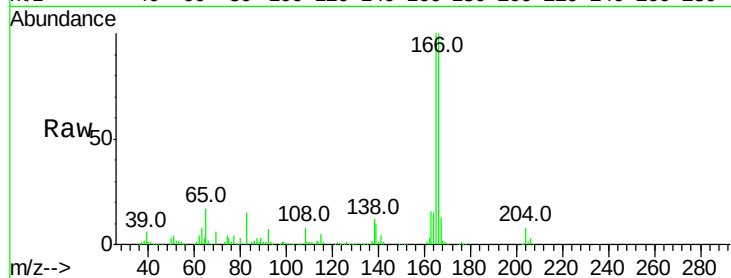
Tot Ion:166 Resp: 493216

Ion Ratio Lower Upper

166 100

165 99.5 78.6 117.8

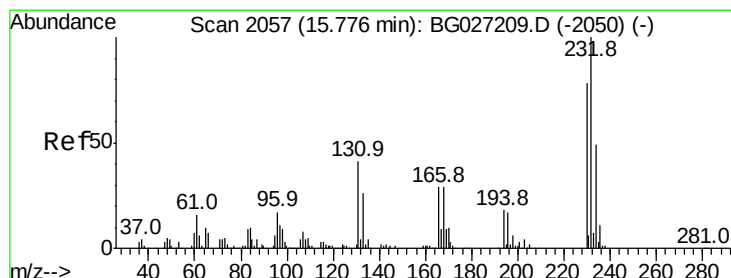
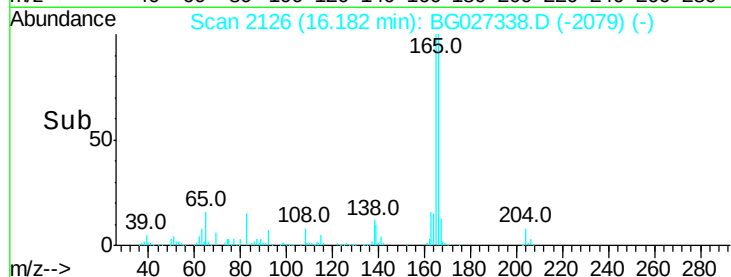
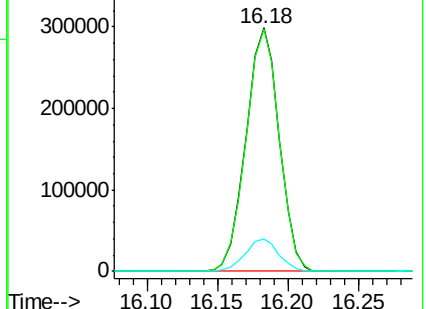
167 13.4 11.6 17.4



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: 50.62 ng

RT: 15.75 min Scan# 2052

Delta R.T. -0.03 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

Tgt Ion:232 Resp: 140077

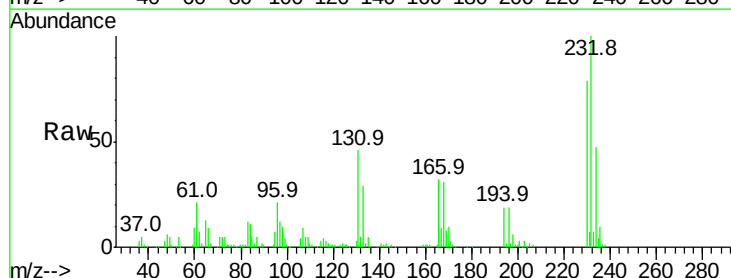
Ion Ratio Lower Upper

232 100

131 45.3 34.9 52.3

130 2.6 2.3 3.5

166 31.8 24.2 36.4

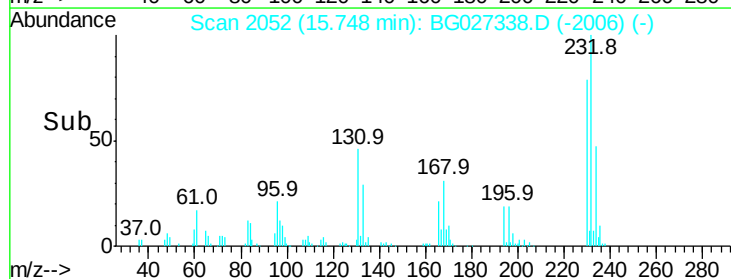
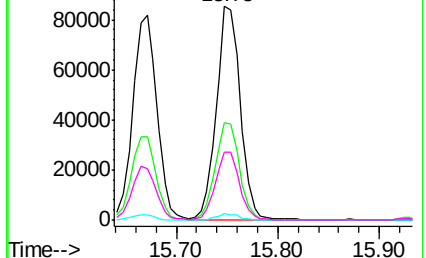


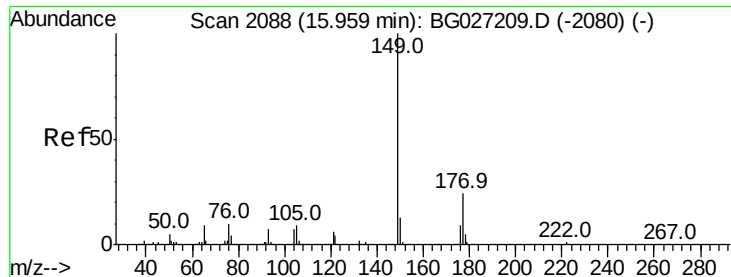
Abundance Ion 232.00 (231.70 to 232.70): E

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: 45.30 ng

RT: 15.93 min Scan# 2083

Delta R.T. -0.03 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

Instrument :

BNA_G

ClientSampled :

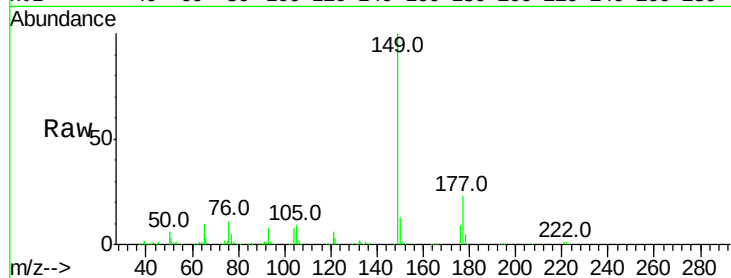
Tot Ion:149 Resp: 525493

Ion Ratio Lower Upper

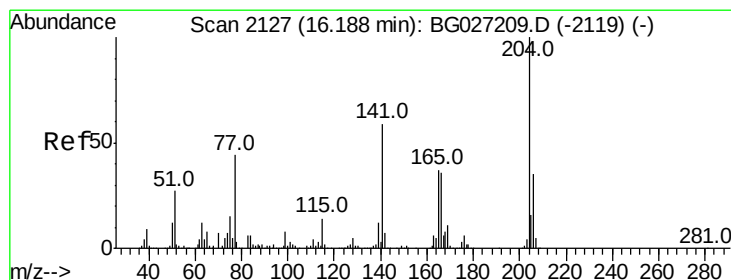
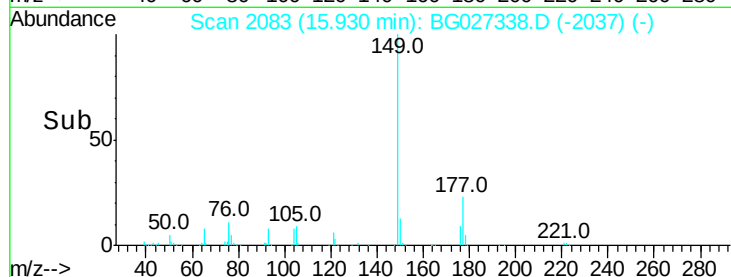
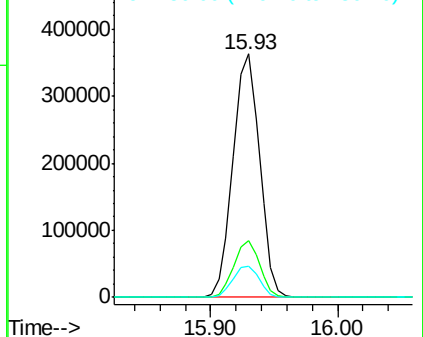
149 100

177 23.3 20.1 30.1

150 12.7 10.2 15.2



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



#60

4-Chlorophenyl-phenylether

Concen: 40.64 ng

RT: 16.16 min Scan# 2123

Delta R.T. -0.02 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

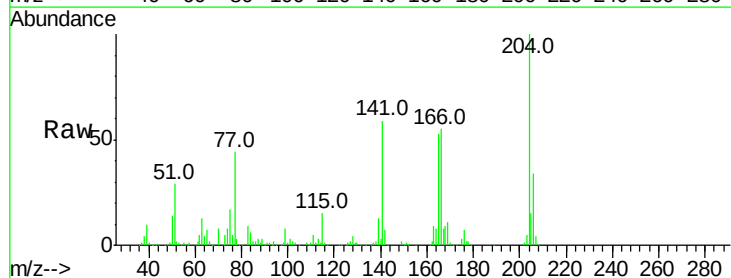
Tgt Ion:204 Resp: 250976

Ion Ratio Lower Upper

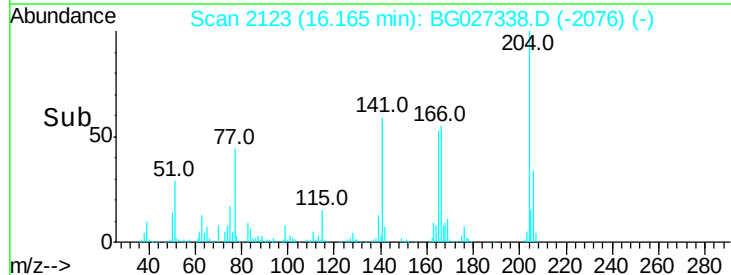
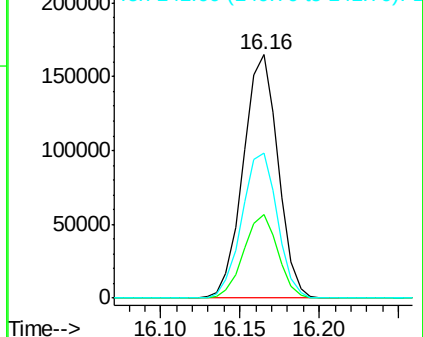
204 100

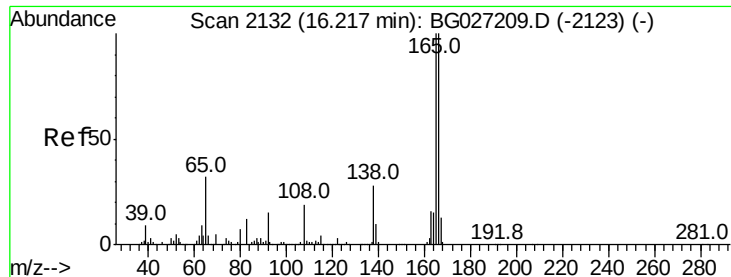
206 34.1 30.1 45.1

141 59.5 50.6 76.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

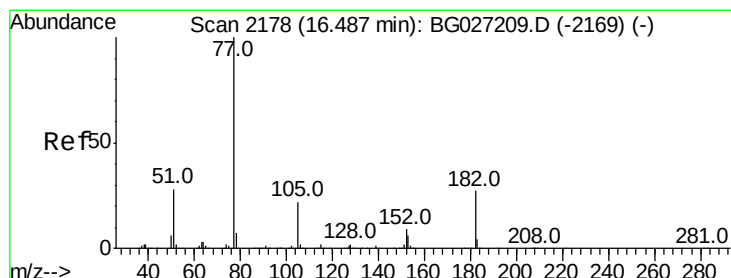
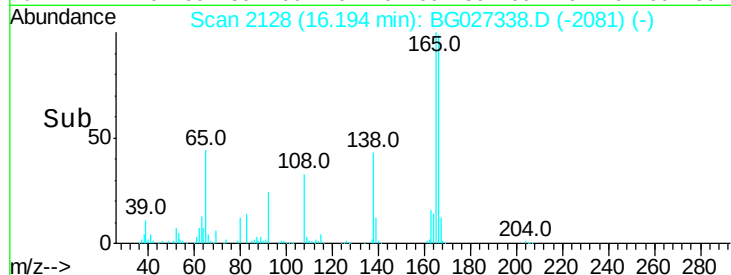
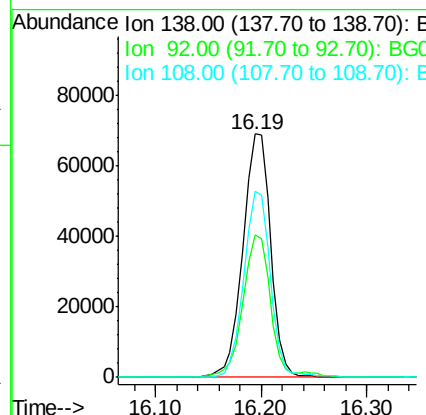
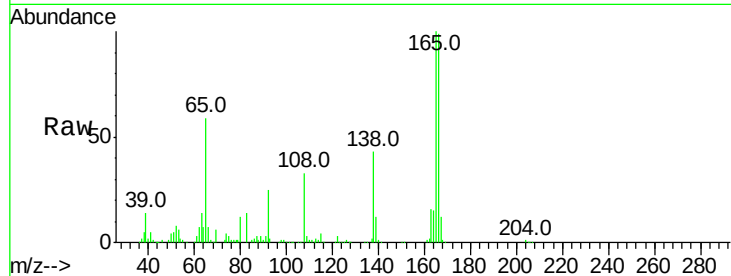




#61
4-Nitroaniline
Concen: 49.88 ng
RT: 16.19 min Scan# 2128
Delta R.T. -0.02 min
Lab File: BG027338.D
Acq: 9 Jun 2017 5:37

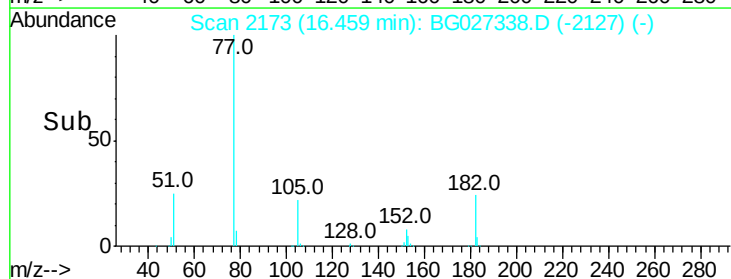
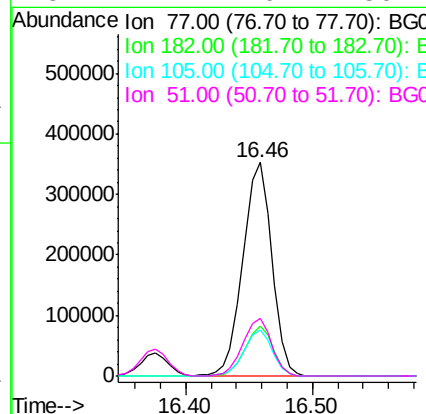
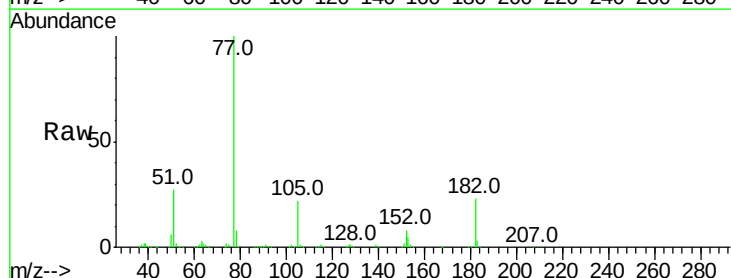
Instrument :
BNA_G
ClientSampleId :

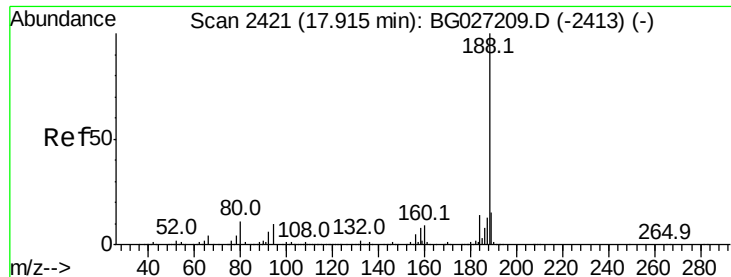
Tot Ion:138 Resp: 125764
Ion Ratio Lower Upper
138 100
92 58.6 44.2 84.2
108 76.2 104.8 144.8#



#62
Azobenzene
Concen: 52.04 ng
RT: 16.46 min Scan# 2173
Delta R.T. -0.03 min
Lab File: BG027338.D
Acq: 9 Jun 2017 5:37

Tgt Ion: 77 Resp: 559505
Ion Ratio Lower Upper
77 100
182 23.3 4.7 44.7
105 21.5 0.0 36.3
51 27.2 16.4 56.4

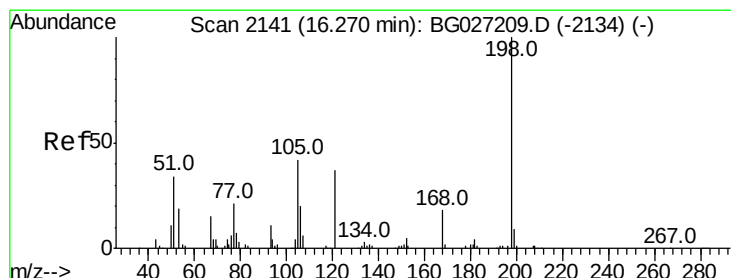
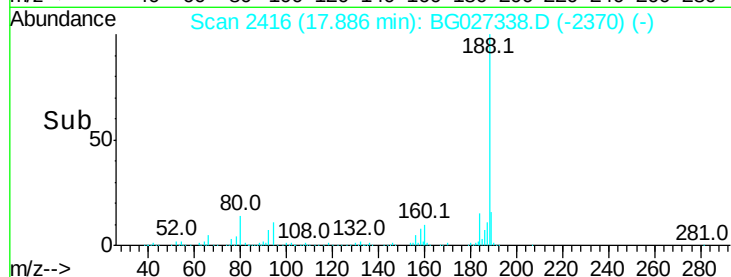
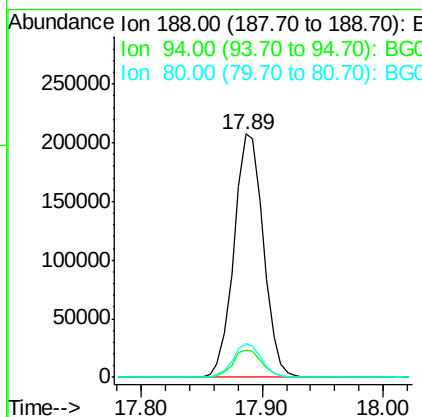
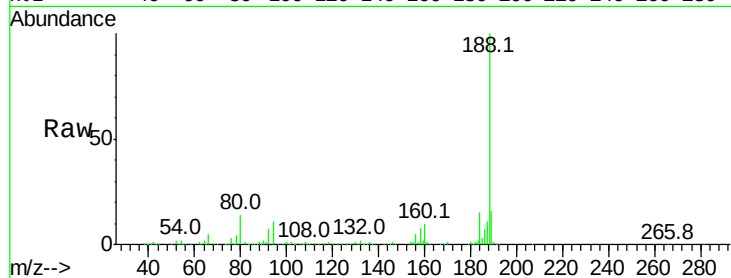




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.89 min Scan# 2416
Delta R.T. -0.03 min
Lab File: BG027338.D
Acq: 9 Jun 2017 5:37

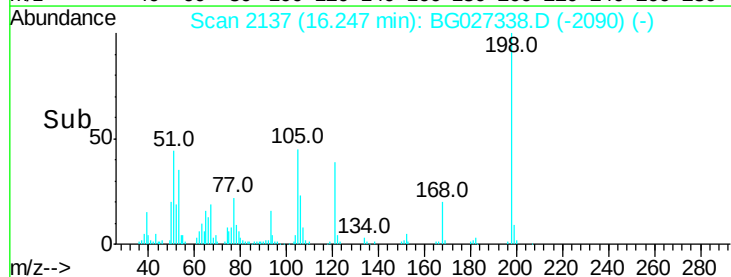
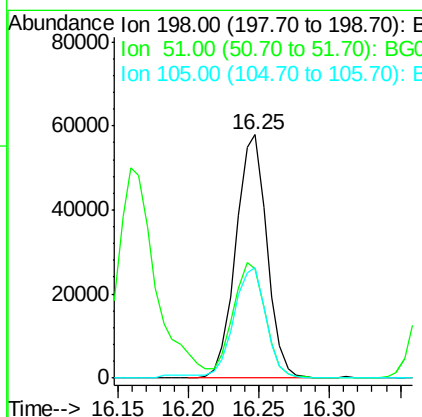
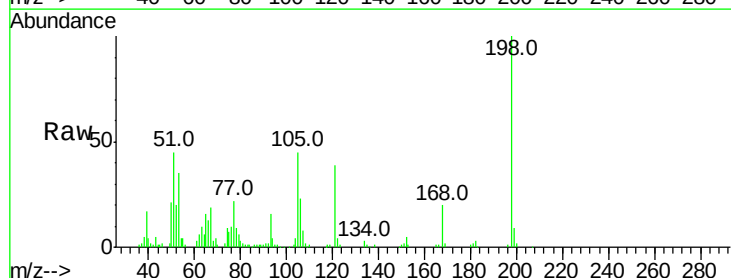
Instrument :
BNA_G
ClientSampleId :

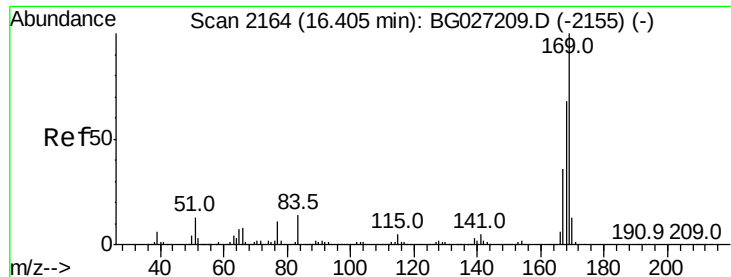
Tot Ion:188 Resp: 351210
Ion Ratio Lower Upper
188 100
94 11.3 5.8 8.8#
80 13.8 7.5 11.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 54.37 ng
RT: 16.25 min Scan# 2137
Delta R.T. -0.02 min
Lab File: BG027338.D
Acq: 9 Jun 2017 5:37

Tgt Ion:198 Resp: 88929
Ion Ratio Lower Upper
198 100
51 44.8 22.6 62.6
105 45.2 14.4 54.4





#65

n-Nitrosodiphenylamine

Concen: 41.05 ng

RT: 16.38 min Scan# 2159

Delta R.T. -0.03 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

Instrument :

BNA_G

ClientSampleId :

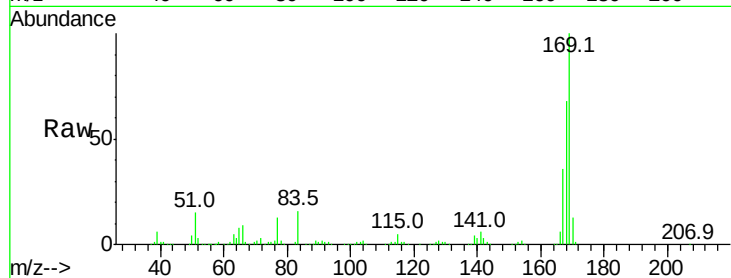
Tot Ion:169 Resp: 452015

Ion Ratio Lower Upper

169 100

168 67.9 55.7 83.5

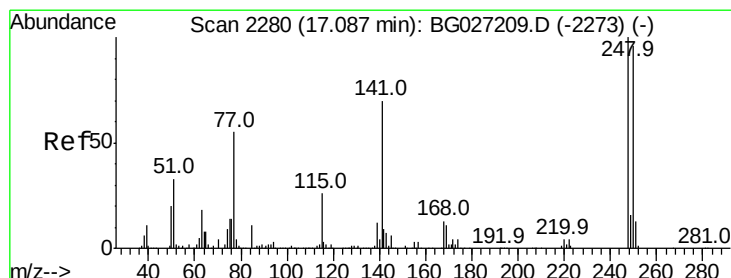
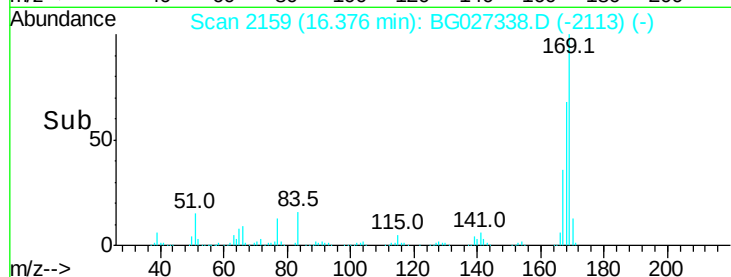
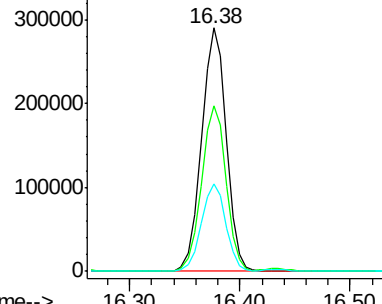
167 36.1 29.8 44.6



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: 40.37 ng

RT: 17.06 min Scan# 2276

Delta R.T. -0.02 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

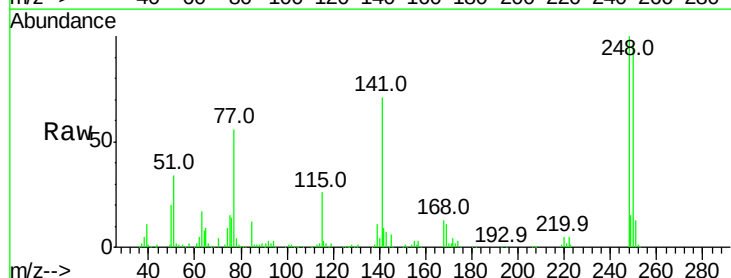
Tgt Ion:248 Resp: 167813

Ion Ratio Lower Upper

248 100

250 95.5 75.0 112.6

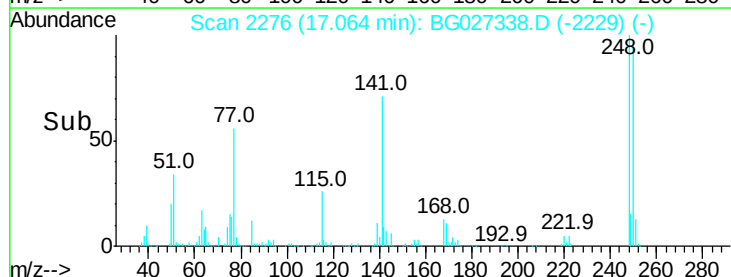
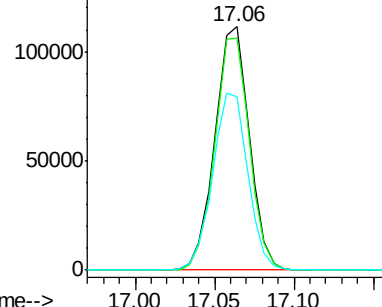
141 71.1 55.2 82.8

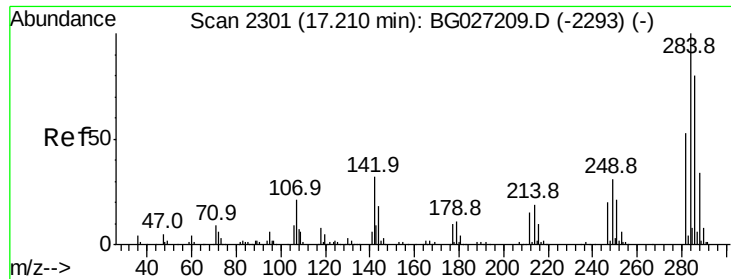


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.08 ng

RT: 17.19 min Scan# 2297

Delta R.T. -0.02 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

Instrument :

BNA_G

ClientSampleId :

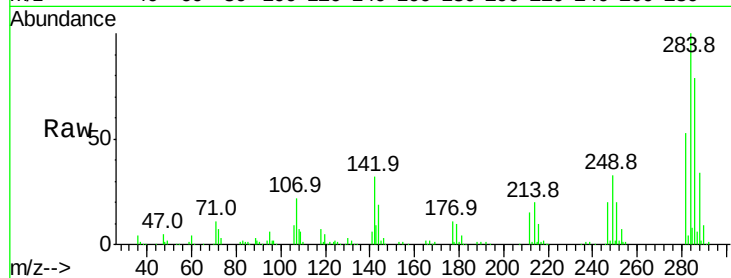
Tot Ion:284 Resp: 179204

Ion Ratio Lower Upper

284 100

142 32.0 29.9 44.9

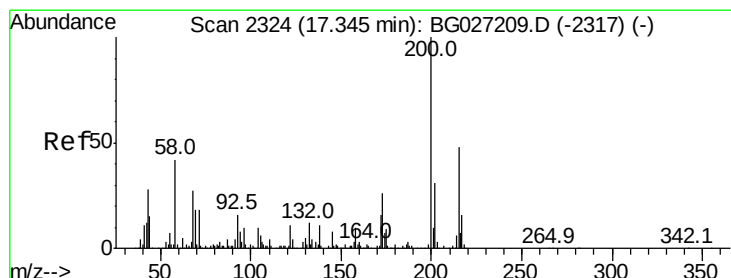
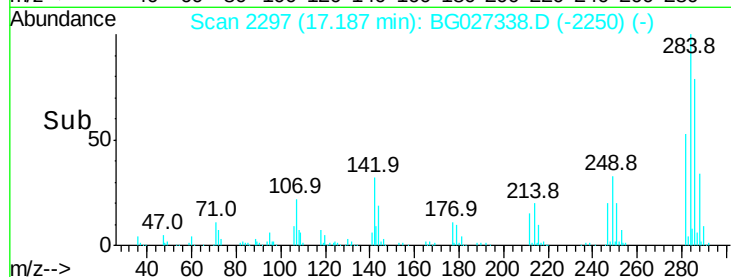
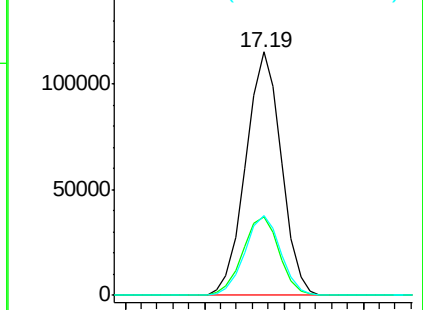
249 32.8 29.2 43.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 46.10 ng

RT: 17.32 min Scan# 2319

Delta R.T. -0.03 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

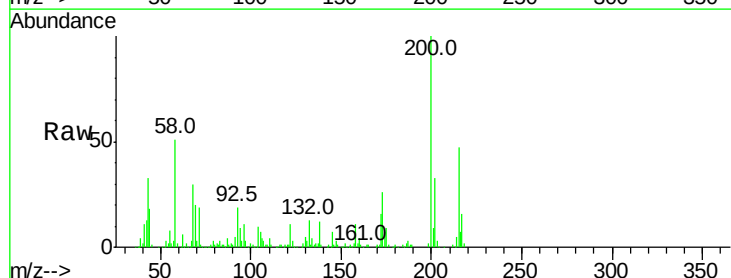
Tgt Ion:200 Resp: 169736

Ion Ratio Lower Upper

200 100

173 25.6 3.0 43.0

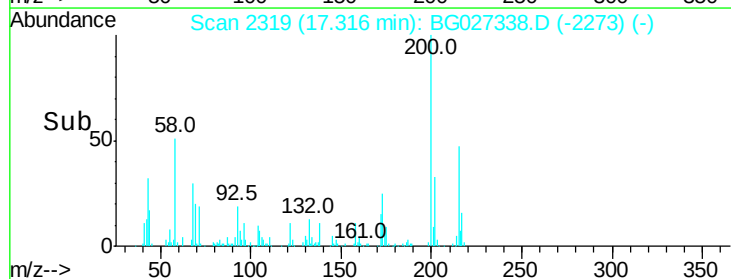
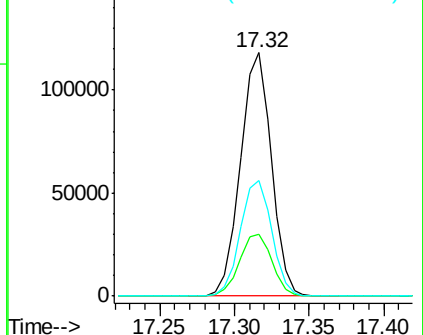
215 47.4 28.4 68.4

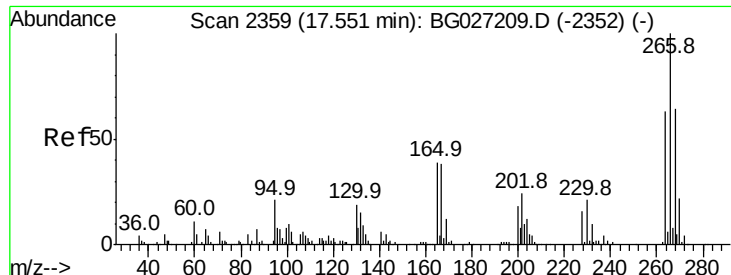


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

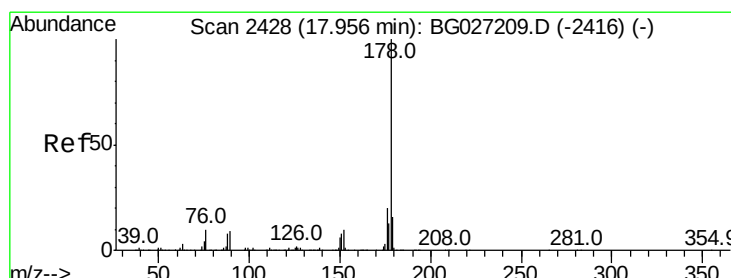
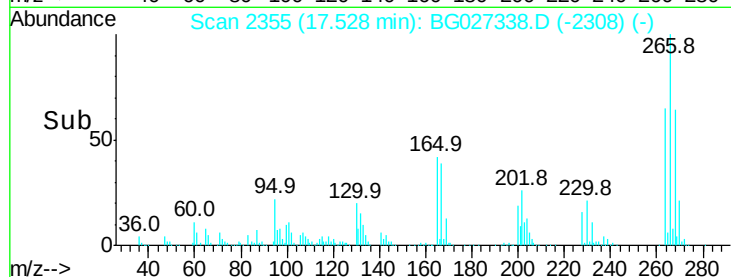
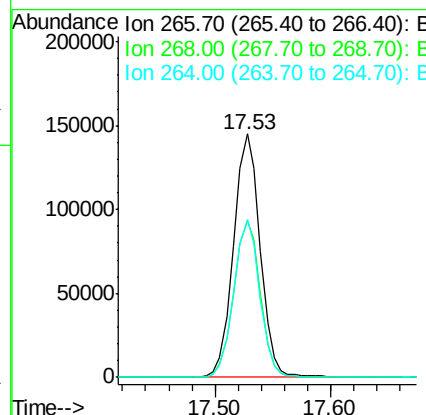
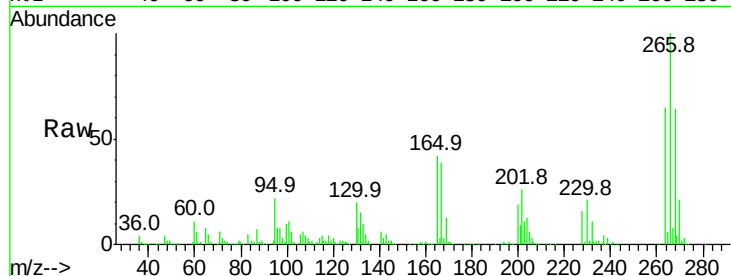




#69
 Pentachlorophenol
 Concen: 88.10 ng
 RT: 17.53 min Scan# 2355
 Delta R.T. -0.02 min
 Lab File: BG027338.D
 Acq: 9 Jun 2017 5:37

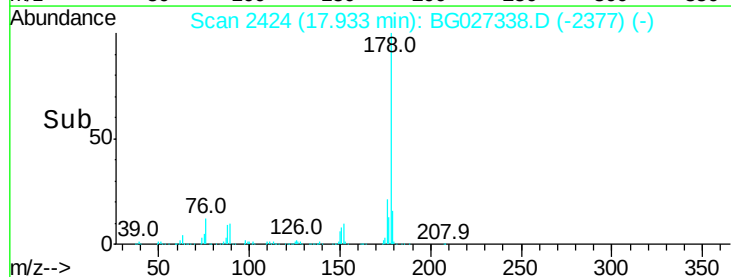
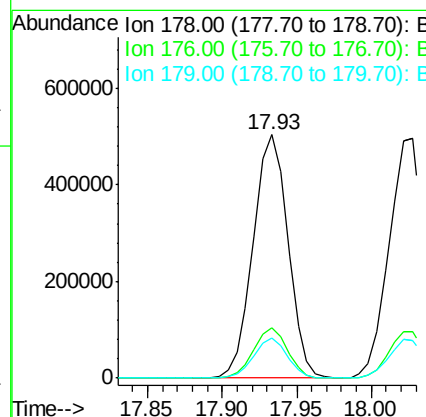
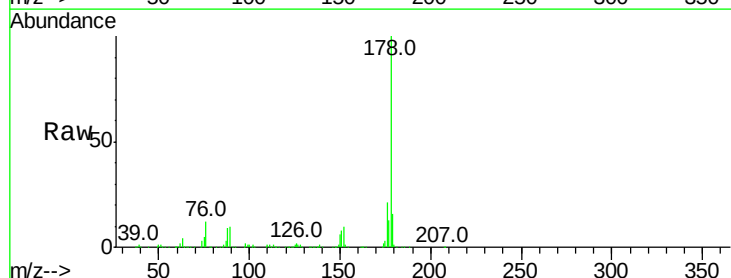
Instrument :
 BNA_G
 ClientSampleId :

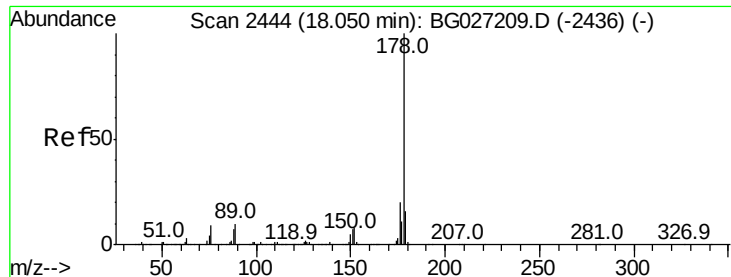
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.3	48.6	72.8
264	64.9	50.1	75.1



#70
 Phenanthrene
 Concen: 41.14 ng
 RT: 17.93 min Scan# 2424
 Delta R.T. -0.02 min
 Lab File: BG027338.D
 Acq: 9 Jun 2017 5:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	17.7	26.5
179	16.3	15.0	22.6



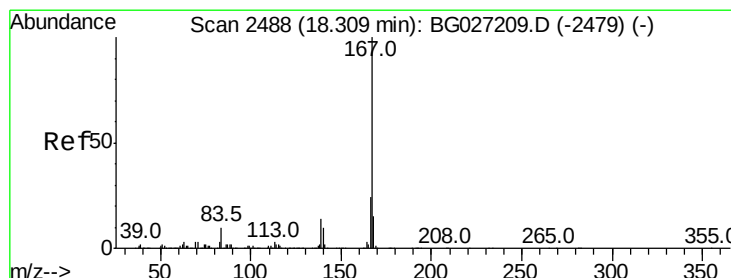
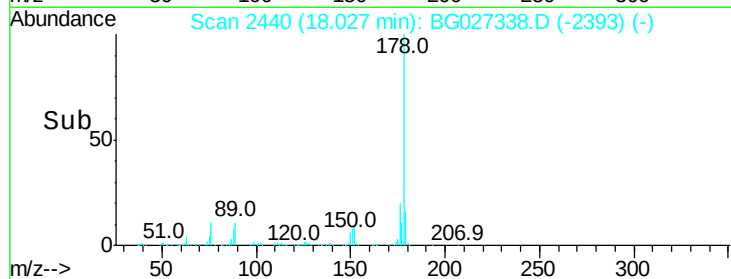
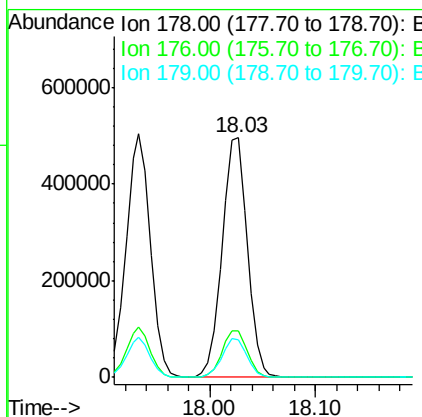
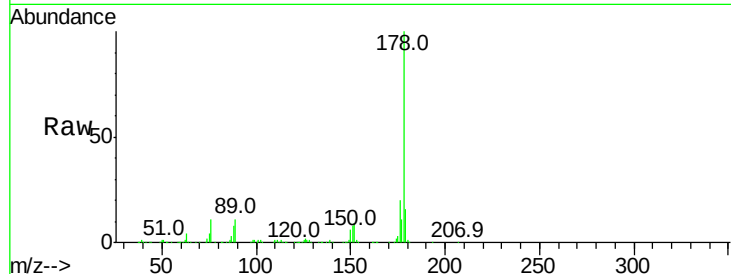


#71
 Anthracene
 Concen: 41.51 ng
 RT: 18.03 min Scan# 2440
 Delta R.T. -0.02 min
 Lab File: BG027338.D
 Acq: 9 Jun 2017 5:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:178 Resp: 821674

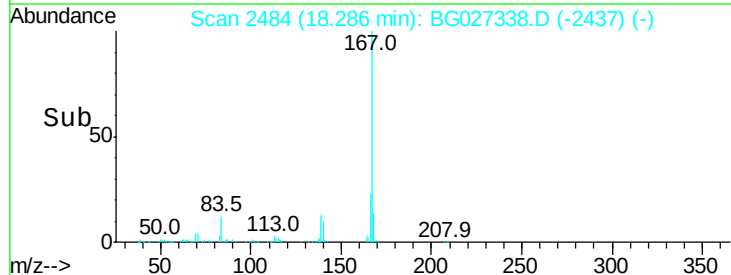
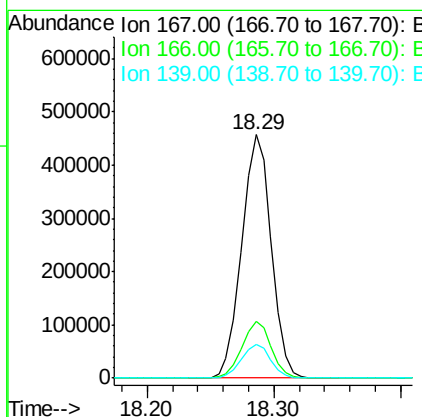
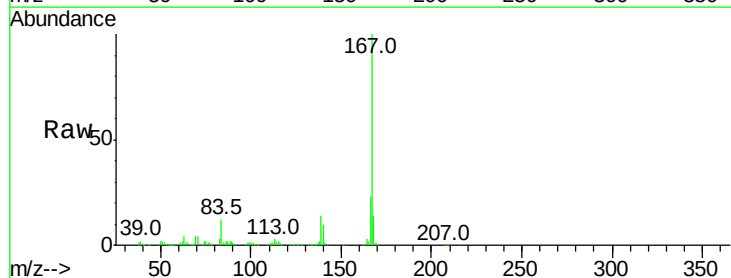
Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.4	24.6
179	15.9	13.8	20.8

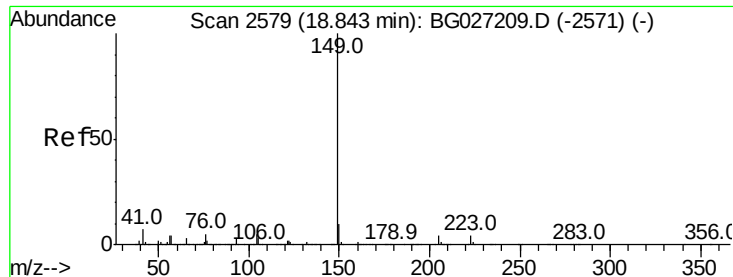


#72
 Carbazole
 Concen: 39.41 ng
 RT: 18.29 min Scan# 2484
 Delta R.T. -0.02 min
 Lab File: BG027338.D
 Acq: 9 Jun 2017 5:37

Tgt Ion:167 Resp: 735767

Ion	Ratio	Lower	Upper
167	100		
166	23.2	20.2	30.2
139	13.8	12.8	19.2

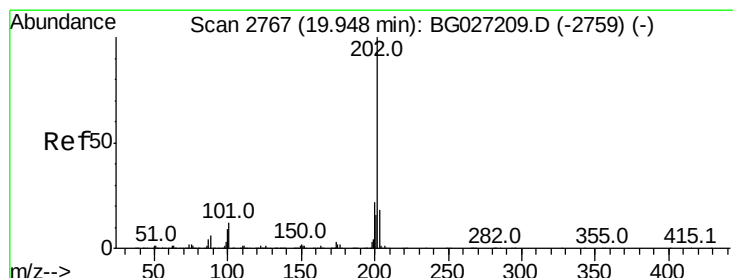
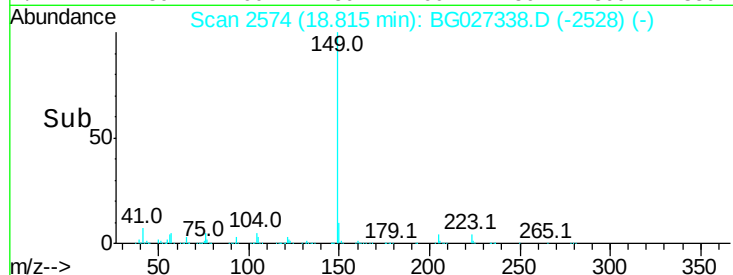
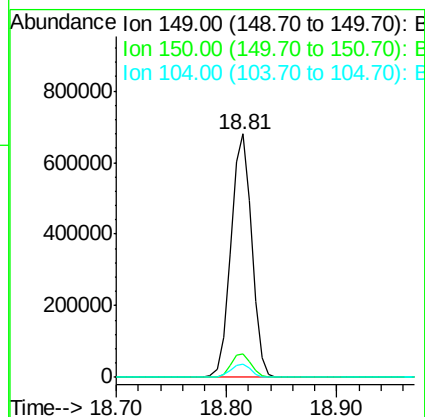
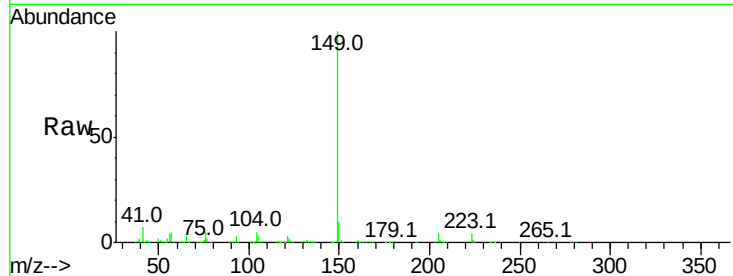




#73
Di-n-butylphthalate
Concen: 49.51 ng
RT: 18.81 min Scan# 2574
Delta R.T. -0.03 min
Lab File: BG027338.D
Acq: 9 Jun 2017 5:37

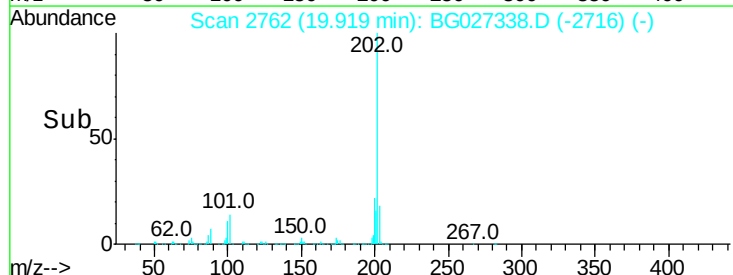
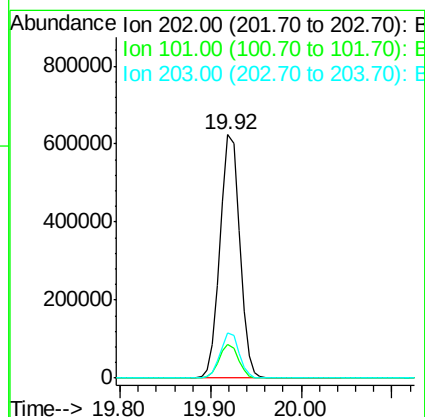
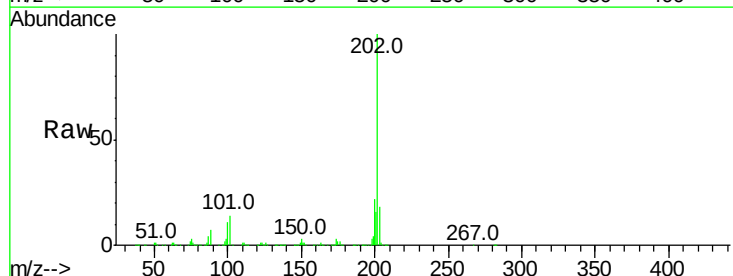
Instrument :
BNA_G
ClientSampleId :

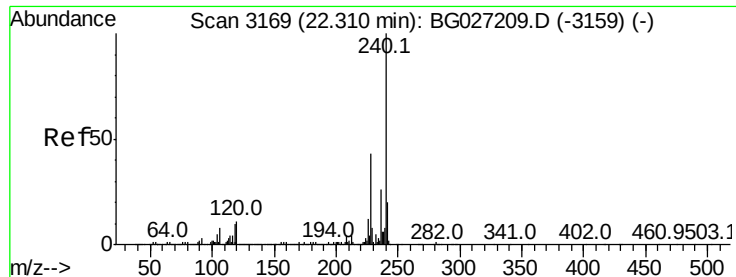
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.6	9.1	13.7
104	5.3	6.7	10.1#



#74
Fluoranthene
Concen: 44.36 ng
RT: 19.92 min Scan# 2762
Delta R.T. -0.03 min
Lab File: BG027338.D
Acq: 9 Jun 2017 5:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	30.1
203	18.5	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.28 min Scan# 3163

Delta R.T. -0.03 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

Instrument :

BNA_G

ClientSampled :

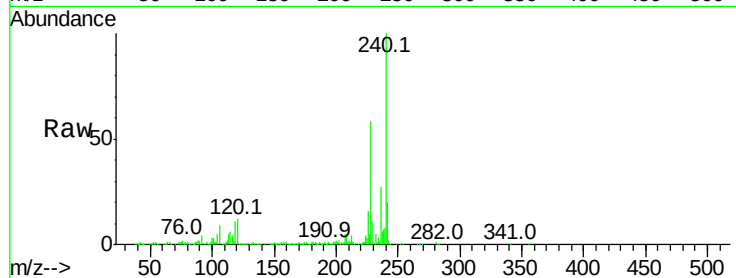
Tot Ion:240 Resp: 406650

Ion Ratio Lower Upper

240 100

120 11.7 5.7 8.5#

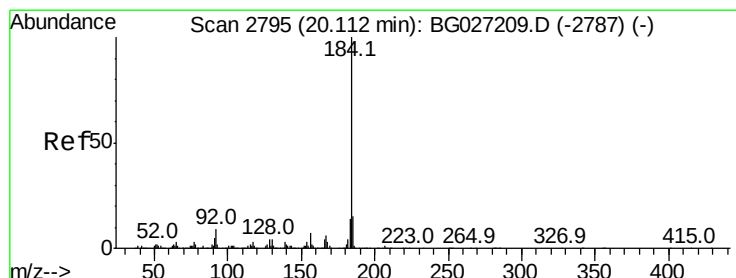
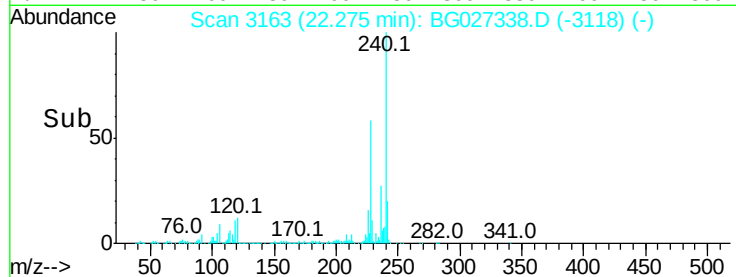
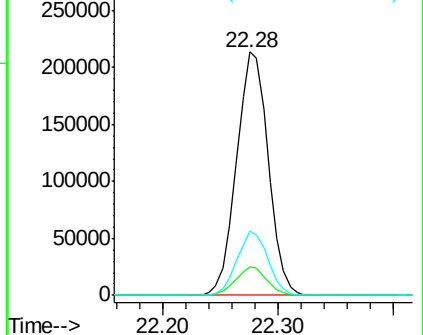
236 26.5 22.2 33.4



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: 27.57 ng

RT: 20.09 min Scan# 2791

Delta R.T. -0.02 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

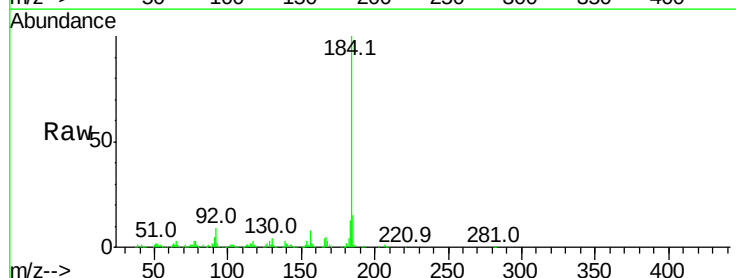
Tgt Ion:184 Resp: 337735

Ion Ratio Lower Upper

184 100

185 14.9 13.0 19.6

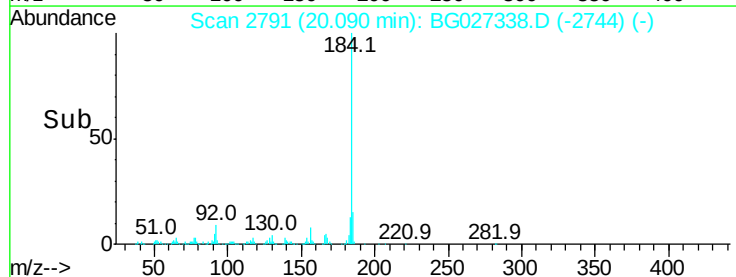
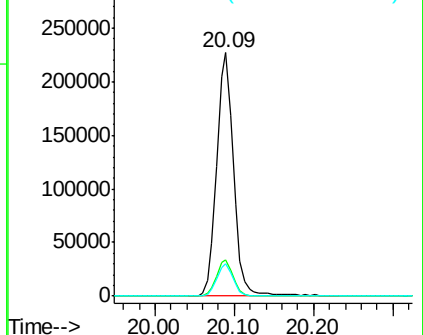
183 13.2 11.0 16.6

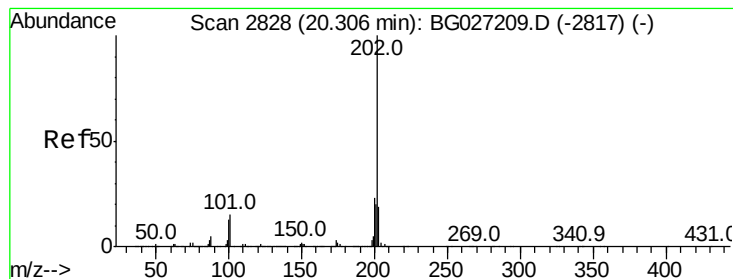


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.71 ng

RT: 20.28 min Scan# 2824

Delta R.T. -0.02 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

Instrument :

BNA_G

ClientSampleId :

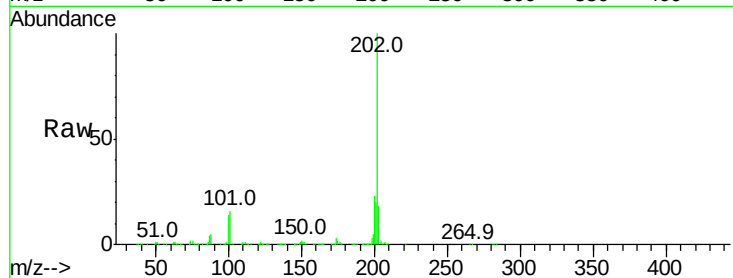
Tot Ion:202 Resp: 951071

Ion Ratio Lower Upper

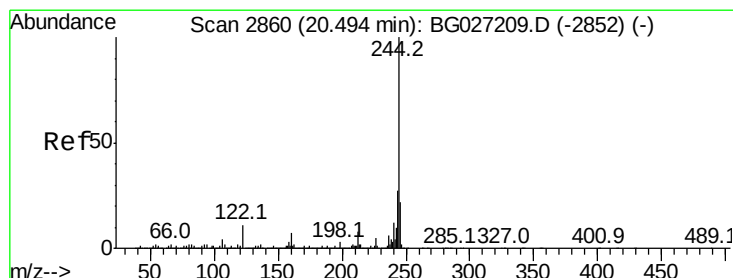
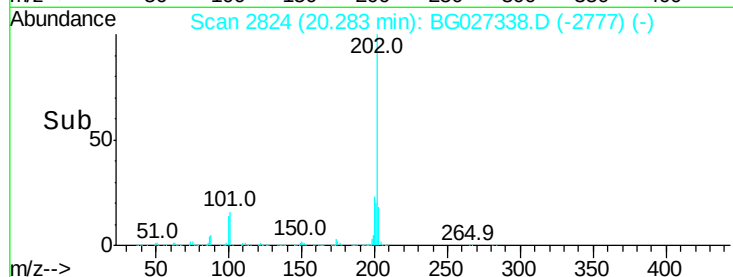
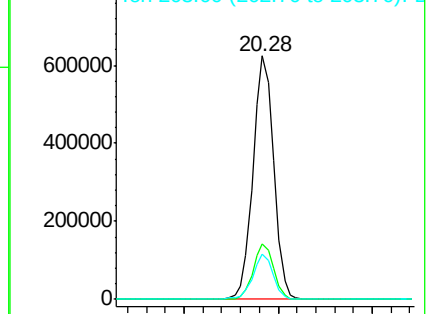
202 100

200 22.8 19.6 29.4

203 18.4 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: 87.00 ng

RT: 20.47 min Scan# 2855

Delta R.T. -0.03 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

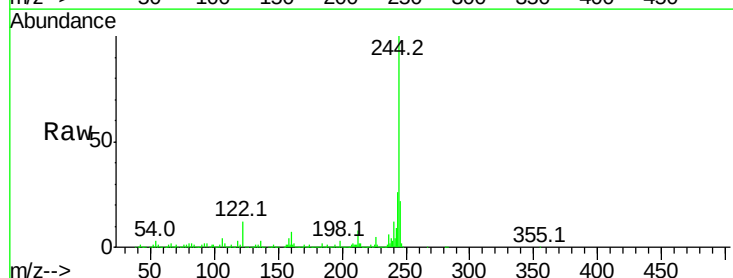
Tgt Ion:244 Resp: 1386813

Ion Ratio Lower Upper

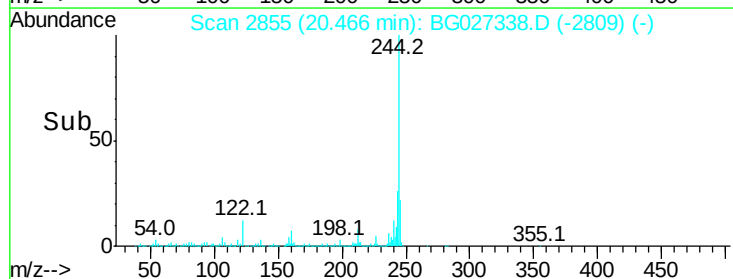
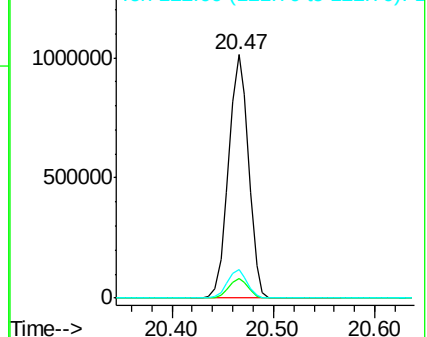
244 100

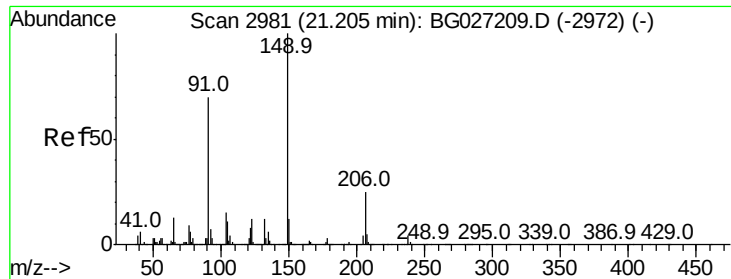
212 7.9 10.0 15.0#

122 11.5 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: 46.85 ng

RT: 21.17 min Scan# 2975

Delta R.T. -0.03 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

Instrument :

BNA_G

ClientSampleId :

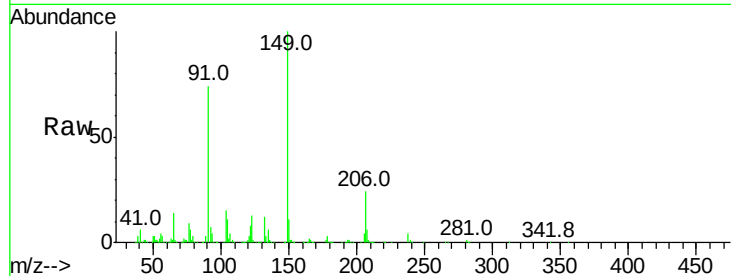
Tot Ion:149 Resp: 406757

Ion Ratio Lower Upper

149 100

91 73.5 63.5 95.3

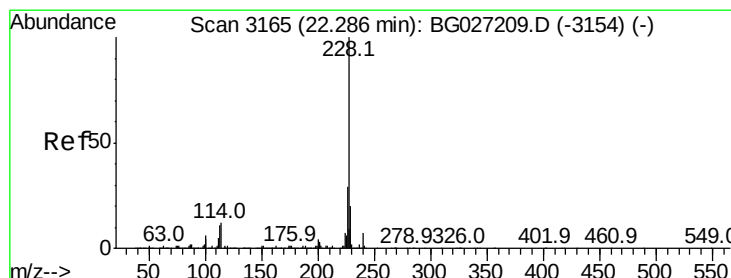
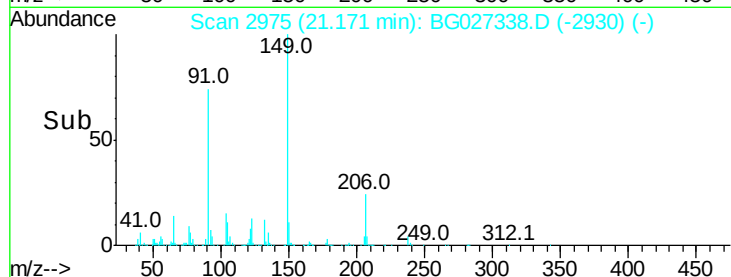
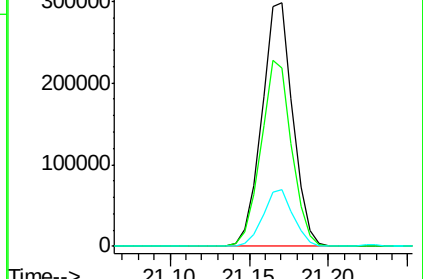
206 23.5 21.0 31.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.08 ng

RT: 22.25 min Scan# 3159

Delta R.T. -0.03 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

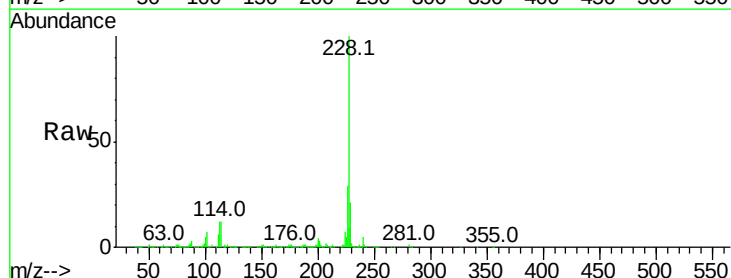
Tgt Ion:228 Resp: 952622

Ion Ratio Lower Upper

228 100

226 28.6 24.9 37.3

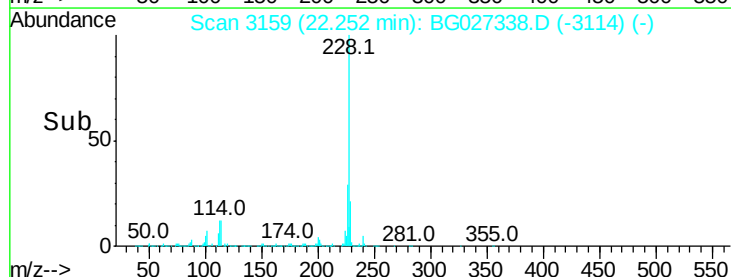
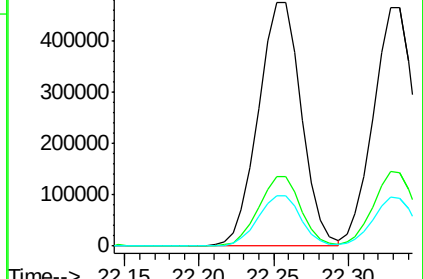
229 20.9 18.2 27.2

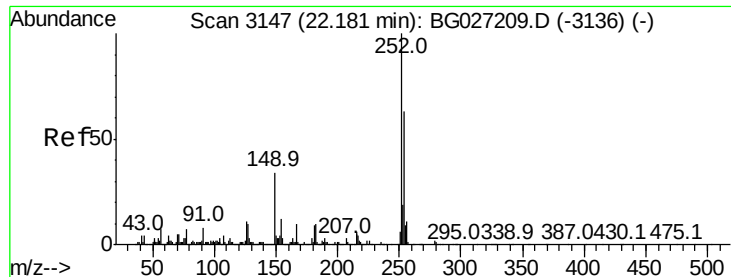


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

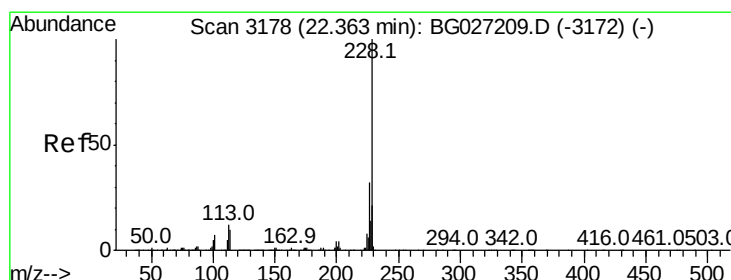
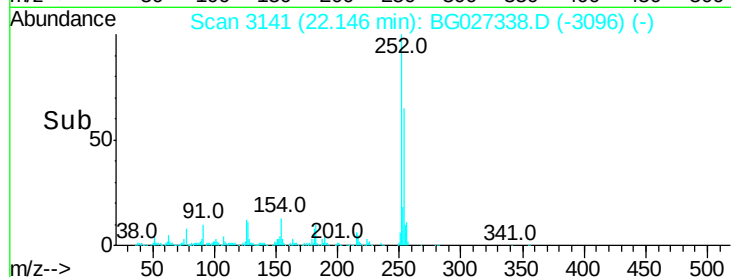
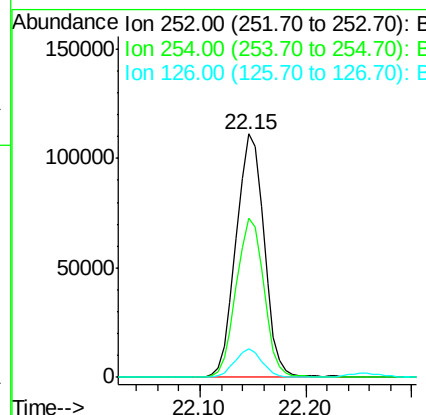
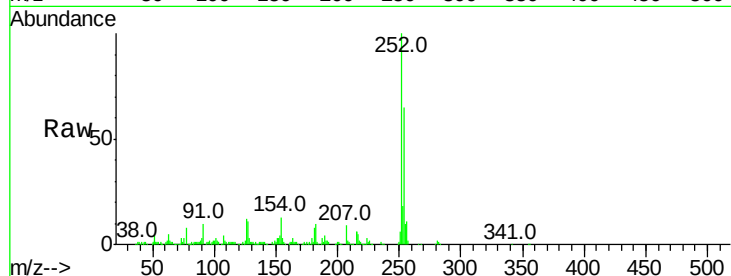




#81
 3,3'-Dichlorobenzidine
 Concen: 22.66 ng
 RT: 22.15 min Scan# 3141
 Delta R.T. -0.03 min
 Lab File: BG027338.D
 Acq: 9 Jun 2017 5:37

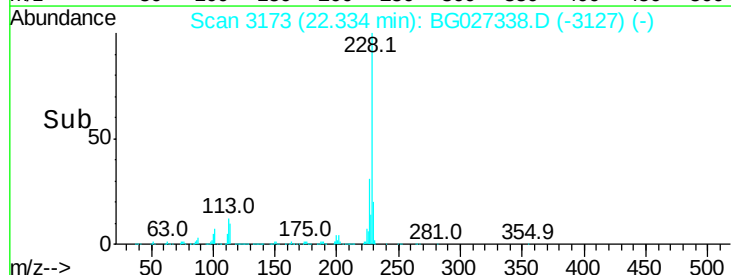
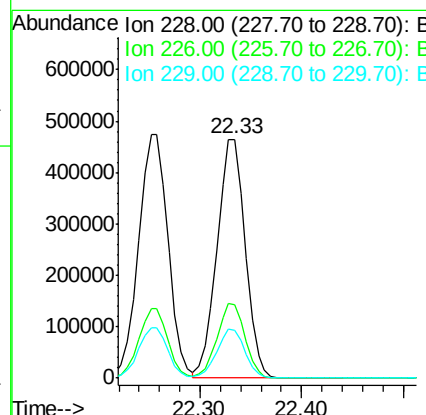
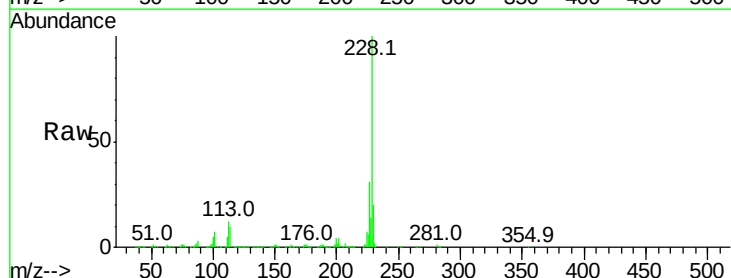
Instrument :
 BNA_G
 ClientSampled :

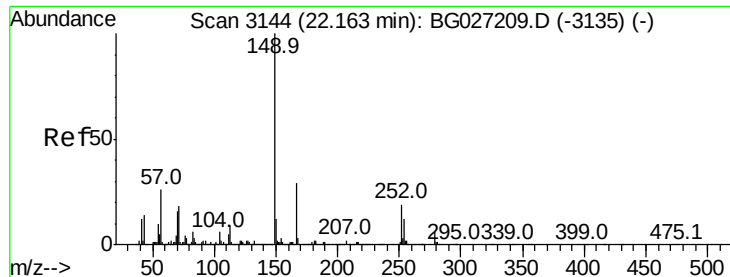
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	53.1	79.7
126	11.6	7.0	10.4



#82
 Chrysene
 Concen: 40.30 ng
 RT: 22.33 min Scan# 3173
 Delta R.T. -0.03 min
 Lab File: BG027338.D
 Acq: 9 Jun 2017 5:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	27.0	40.4
229	20.2	17.8	26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.67 ng

RT: 22.11 min Scan# 3135

Delta R.T. -0.05 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

Instrument :

BNA_G

ClientSampleId :

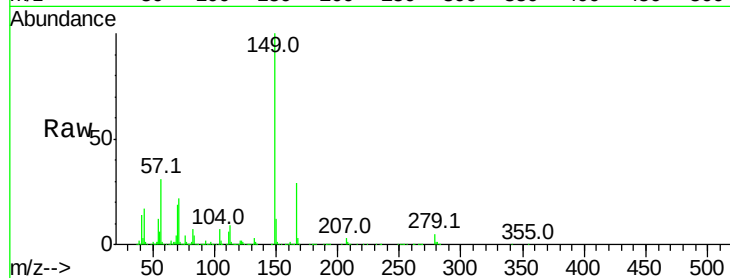
Tot Ion:149 Resp: 572995

Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.7	35.5
279	4.8	4.6	6.8

149 100

167 29.1 23.7 35.5

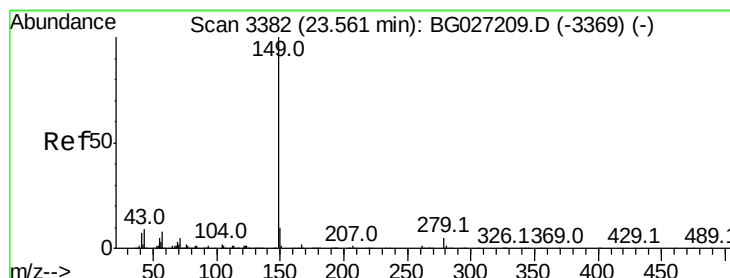
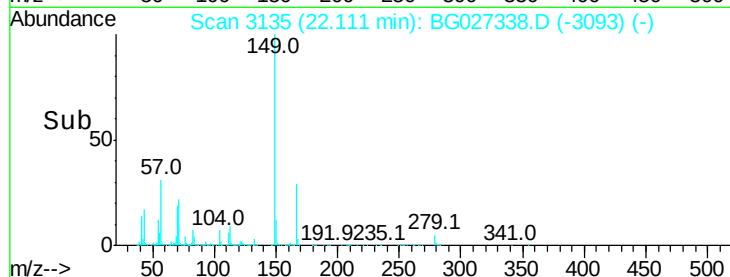
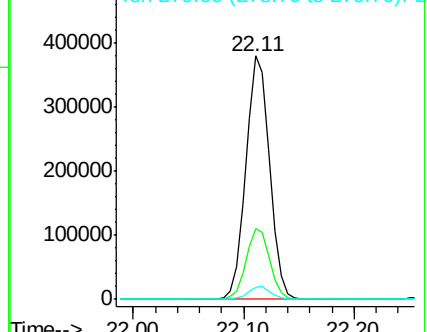
279 4.8 4.6 6.8



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: 45.92 ng

RT: 23.49 min Scan# 3370

Delta R.T. -0.07 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

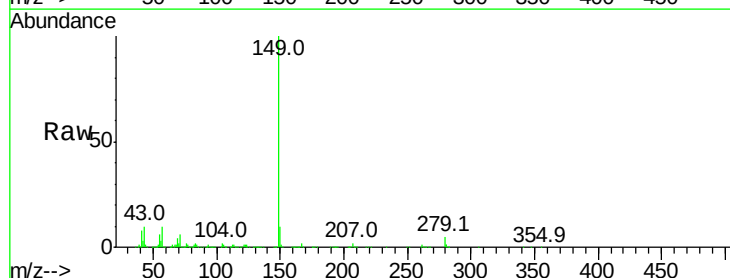
Tgt Ion:149 Resp: 997878

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	10.2	11.8	17.6

149 100

167 1.7 1.4 2.2

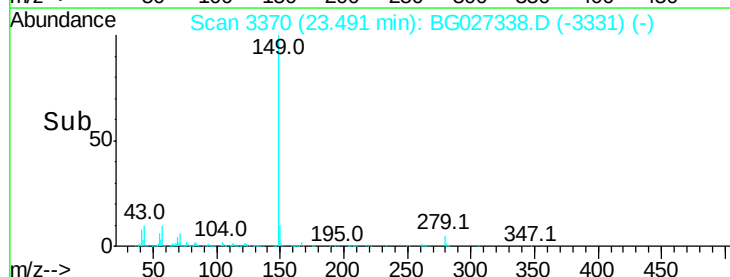
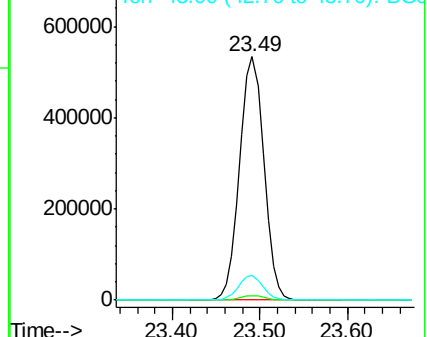
43 10.2 11.8 17.6#

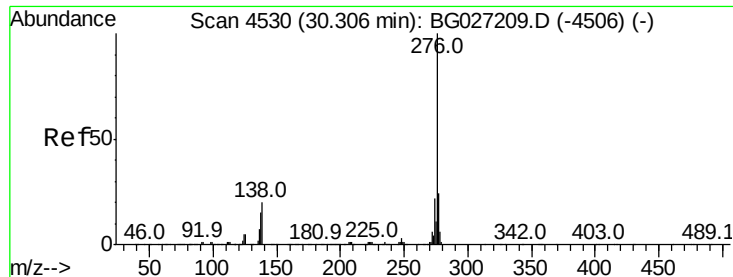


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.15 ng

RT: 30.22 min Scan# 4515

Delta R.T. -0.09 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

Instrument :

BNA_G

ClientSampleId :

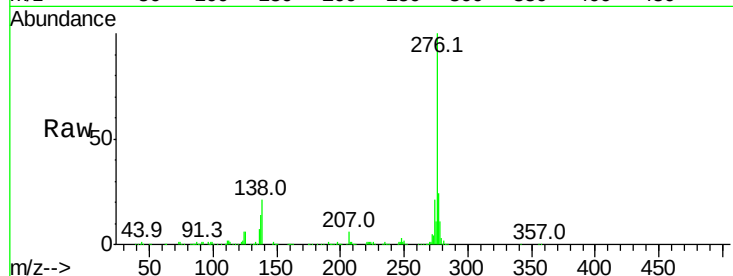
Tot Ion:276 Resp: 1109648

Ion Ratio Lower Upper

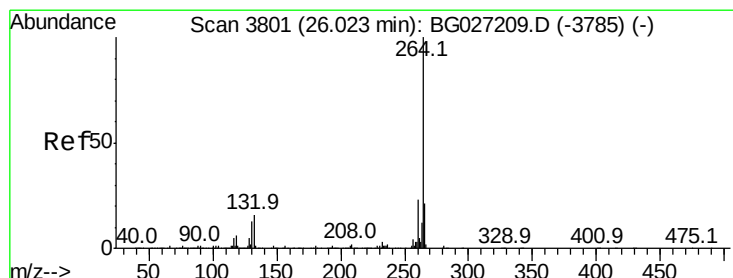
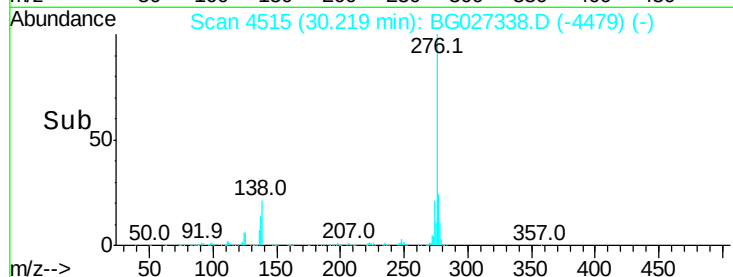
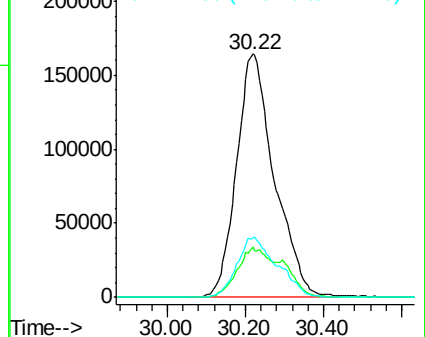
276 100

138 18.6 4.7 7.1#

277 26.2 20.6 31.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.97 min Scan# 3791

Delta R.T. -0.06 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

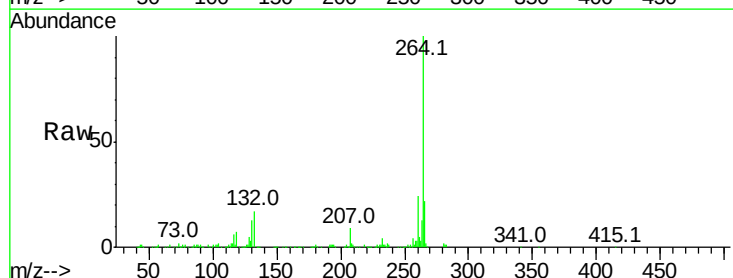
Tgt Ion:264 Resp: 371300

Ion Ratio Lower Upper

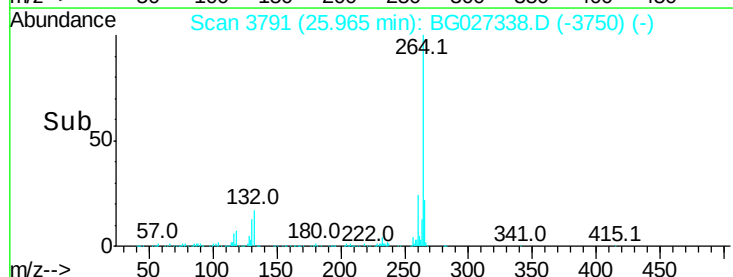
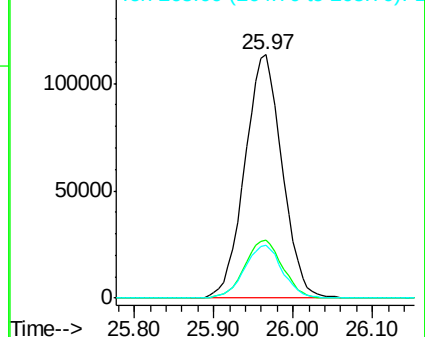
264 100

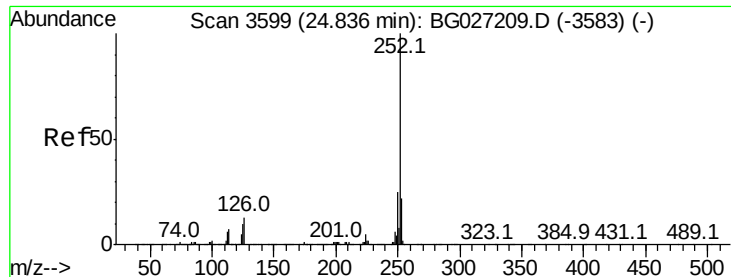
260 24.0 21.8 32.8

265 21.9 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: 41.58 ng

RT: 24.78 min Scan# 3590

Delta R.T. -0.05 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

Instrument :

BNA_G

ClientSampleId :

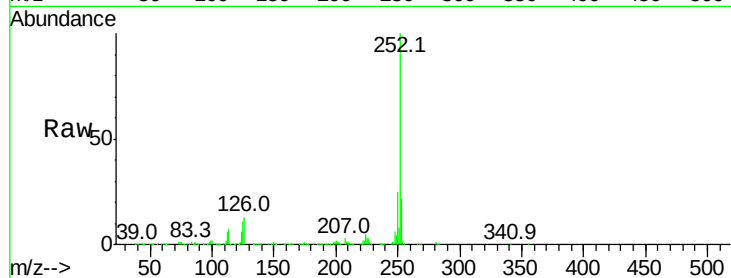
Tot Ion:252 Resp: 957381

Ion Ratio Lower Upper

252 100

253 22.5 18.7 28.1

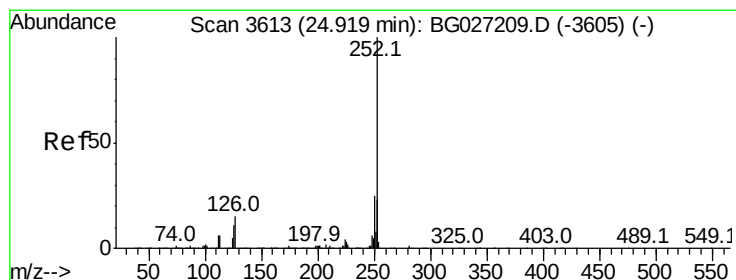
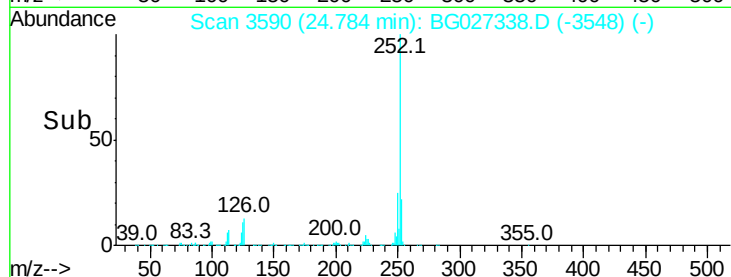
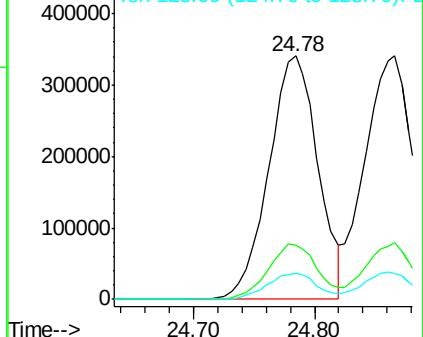
125 10.6 5.3 7.9#



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: 42.33 ng

RT: 24.87 min Scan# 3604

Delta R.T. -0.05 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

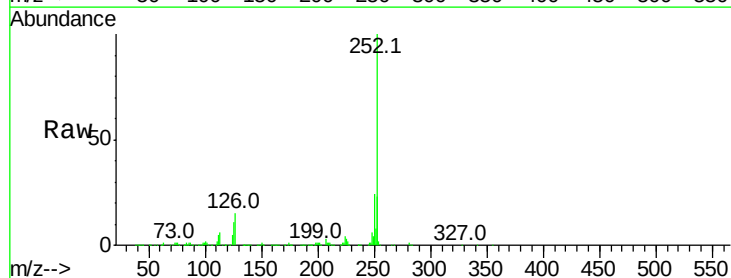
Tgt Ion:252 Resp: 956374

Ion Ratio Lower Upper

252 100

253 23.1 20.2 30.2

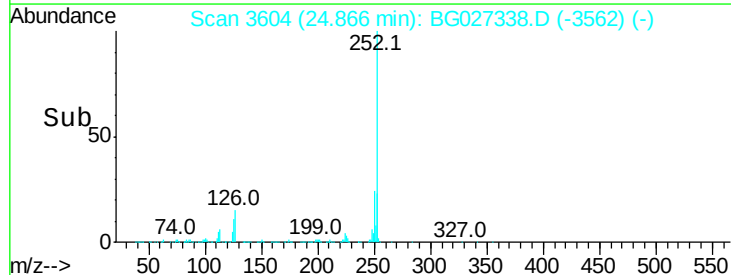
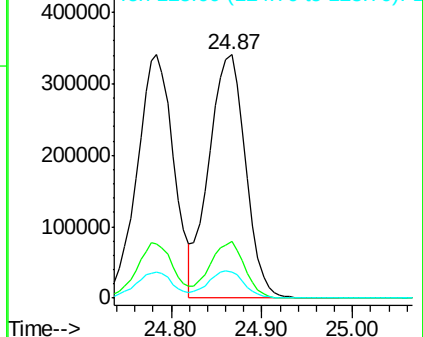
125 10.6 5.1 7.7#

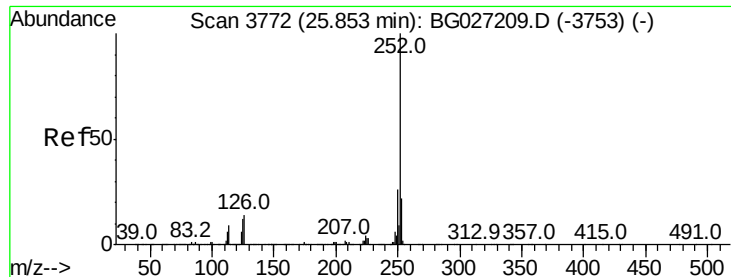


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.29 ng

RT: 25.79 min Scan# 3761

Delta R.T. -0.06 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

Instrument :

BNA_G

ClientSampleId :

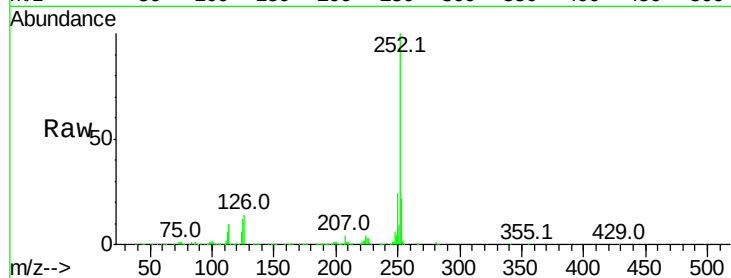
Tot Ion:252 Resp: 916756

Ion Ratio Lower Upper

252 100

253 21.8 19.2 28.8

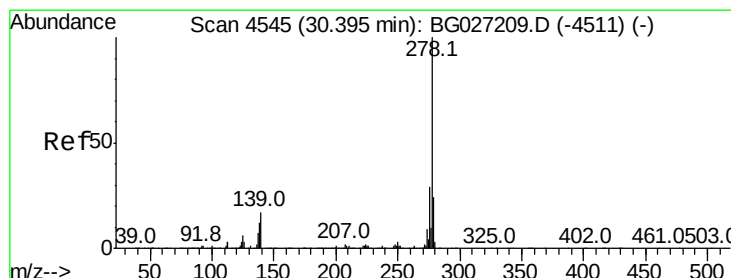
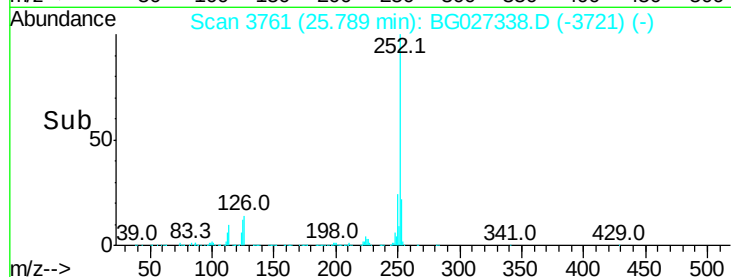
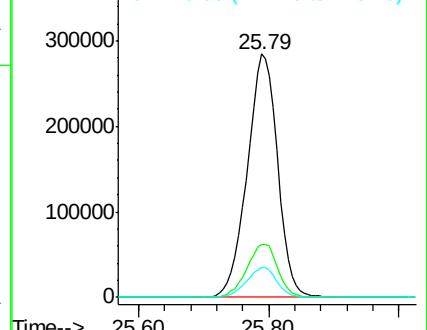
125 12.1 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.91 ng

RT: 30.30 min Scan# 4528

Delta R.T. -0.10 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

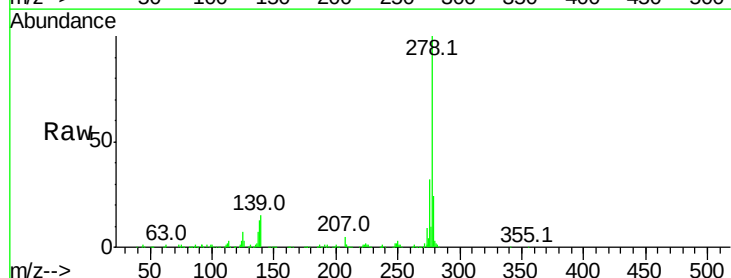
Tgt Ion:278 Resp: 951020

Ion Ratio Lower Upper

278 100

139 15.0 7.7 11.5#

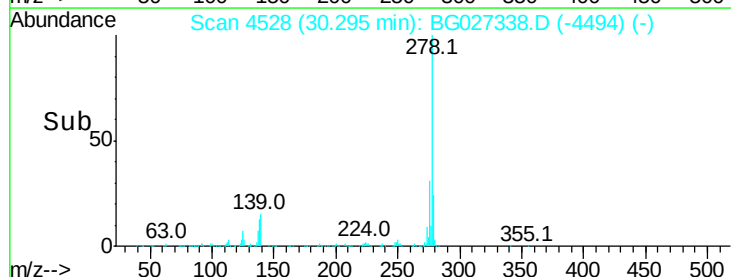
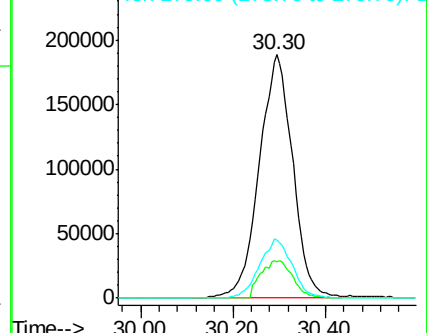
279 24.0 19.1 28.7

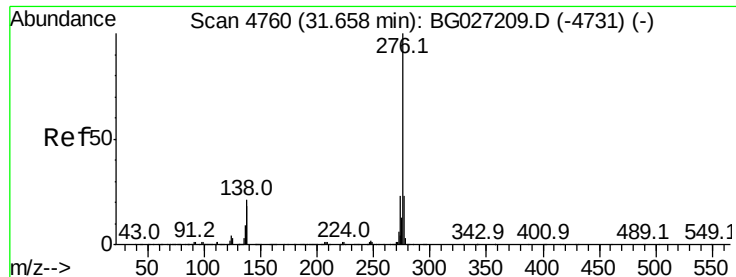


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 40.93 ng

RT: 31.56 min Scan# 4743

Delta R.T. -0.10 min

Lab File: BG027338.D

Acq: 9 Jun 2017 5:37

Instrument :

BNA_G

ClientSampleId :

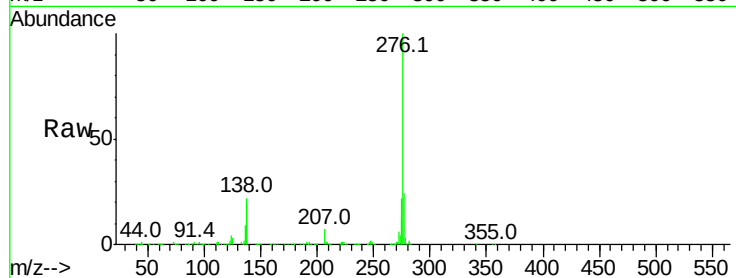
Tot Ion:276 Resp: 899554

Ion Ratio Lower Upper

276 100

277 24.1 18.6 27.8

138 22.0 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

