

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102317\
 Data File : BG029402.D
 Acq On : 23 Oct 2017 16:53
 Operator : SJ/JU
 Sample : PB103551BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB103551BS

Quant Time: Oct 24 05:51:18 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	56057	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	254145	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	172476	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	442564	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	500330	20.00	ng	-0.01
86) Perylene-d12	25.09	264	511874	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	331150	98.69	ng	0.00
7) Phenol-d6	7.32	99	440729	93.57	ng	0.00
23) Nitrobenzene-d5	9.33	82	247141	61.80	ng	-0.01
41) 2,4,6-Tribromophenol	16.27	330	227741	102.27	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	699179	59.45	ng	0.00
78) Terphenyl-d14	20.11	244	1248300	56.76	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	38599	28.35	ng	84
3) Pyridine	3.98	79	102799	25.93	ng	94
4) n-Nitrosodimethylamine	3.89	42	52804	28.49	ng	# 91
6) Aniline	7.48	93	110016	18.86	ng	92
8) 2-Chlorophenol	7.73	128	111821	29.07	ng	92
9) Benzaldehyde	7.29	77	69382	29.29	ng	91
10) Phenol	7.34	94	152179	29.97	ng	92
11) bis(2-Chloroethyl)ether	7.58	93	104560	28.26	ng	90
12) 1,3-Dichlorobenzene	8.05	146	118650	27.48	ng	95
13) 1,4-Dichlorobenzene	8.20	146	119417	27.09	ng	96
14) 1,2-Dichlorobenzene	8.52	146	114591	26.95	ng	97
15) Benzyl Alcohol	8.40	79	102546	30.89	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.69	45	172801	27.50	ng	94
17) 2-Methylphenol	8.60	107	102204	30.30	ng	96
18) Hexachloroethane	9.26	117	40693	27.08	ng	97
19) n-Nitroso-di-n-propylamine	8.96	70	87350	27.27	ng	# 96
20) 3+4-Methylphenols	8.93	107	140420	29.54	ng	95
22) Acetophenone	8.99	105	162928	26.60	ng	# 92
24) Nitrobenzene	9.37	77	124586	27.71	ng	93
25) Isophorone	9.89	82	240749	28.84	ng	# 94
26) 2-Nitrophenol	10.09	139	62313	28.99	ng	91
27) 2,4-Dimethylphenol	10.14	122	116289	29.91	ng	93
28) bis(2-Chloroethoxy)methane	10.37	93	147942	28.90	ng	97
29) 2,4-Dichlorophenol	10.63	162	126895	30.60	ng	91
30) 1,2,4-Trichlorobenzene	10.84	180	126874	28.32	ng	97
31) Naphthalene	11.03	128	348110	27.48	ng	99
32) Benzoic acid	10.24	122	73745	22.65	ng	91
33) 4-Chloroaniline	11.13	127	94147	17.67	ng	95
34) Hexachlorobutadiene	11.31	225	78654	28.24	ng	96
35) Caprolactam	11.89	113	48611	35.27	ng	# 80
36) 4-Chloro-3-methylphenol	12.24	107	135568	29.73	ng	90
37) 2-Methylnaphthalene	12.62	142	274458	29.73	ng	91
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	152224	24.17	ng	98
40) Hexachlorocyclopentadiene	12.97	237	190107	79.71	ng	89

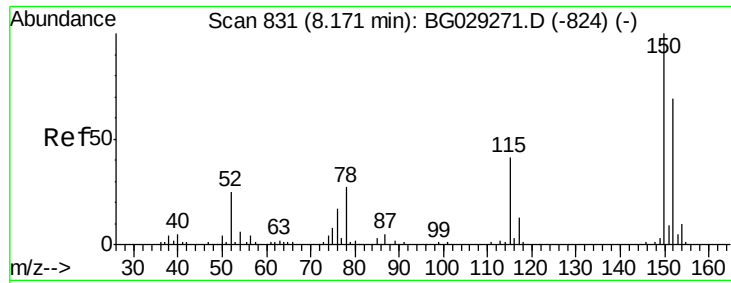
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102317\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	113068	28.60	nq	98
43) 2,4,5-Trichlorophenol	13.29	196	126782	31.23	nq	95
45) 1,1'-Biphenyl	13.62	154	373942	25.22	nq	99
46) 2-Chloronaphthalene	13.66	162	290917	26.90	nq	98
47) 2-Nitroaniline	13.86	65	90279	30.40	nq	# 87
48) Acenaphthylene	14.50	152	469405	27.74	nq	98
49) Dimethylphthalate	14.23	163	406961	30.24	nq	99
50) 2,6-Dinitrotoluene	14.35	165	87916	31.16	nq	# 80
51) Acenaphthene	14.84	154	309410	28.10	nq	98
52) 3-Nitroaniline	14.68	138	65638	21.56	nq	# 79
53) 2,4-Dinitrophenol	14.89	184	44051	32.64	nq	# 49
54) Dibenzofuran	15.18	168	477757	30.39	nq	99
55) 4-Nitrophenol	14.98	139	147467	58.76	nq	# 82
56) 2,4-Dinitrotoluene	15.13	165	129697	33.96	nq	# 76
57) Fluorene	15.83	166	382468	29.45	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.40	232	123414	36.44	nq	95
59) Diethylphthalate	15.58	149	410751	30.63	nq	98
60) 4-Chlorophenyl-phenylether	15.81	204	209567	30.27	nq	96
61) 4-Nitroaniline	15.84	138	97302	31.13	nq	86
62) Azobenzene	16.10	77	355079	31.40	nq	97
64) 4,6-Dinitro-2-methylphenol	15.90	198	54599	24.43	nq	84
65) n-Nitrosodiphenylamine	16.03	169	354968	26.78	nq	98
66) 4-Bromophenyl-phenylether	16.71	248	140214	27.61	nq	98
67) Hexachlorobenzene	16.82	284	151404	26.32	nq	97
68) Atrazine	16.97	200	144993	30.65	nq	98
69) Pentachlorophenol	17.17	266	171519	51.91	nq	99
70) Phenanthrene	17.56	178	659668	28.85	nq	99
71) Anthracene	17.65	178	682196	29.72	nq	100
72) Carbazole	17.92	167	632044	28.66	nq	99
73) Di-n-butylphthalate	18.46	149	731770	28.85	nq	99
74) Fluoranthene	19.56	202	841137	31.45	nq	98
76) Benzidine	19.73	184	326796	21.63	nq	99
77) Pyrene	19.92	202	868867	28.63	nq	99
79) Butylbenzylphthalate	20.79	149	349167	27.00	nq	88
80) Benzo(a)anthracene	21.77	228	865569	29.47	nq	99
81) 3,3'-Dichlorobenzidine	21.68	252	220281	18.17	nq	98
82) Chrysene	21.84	228	808909	28.75	nq	98
83) Bis(2-ethylhexyl)phthalate	21.66	149	492044	26.51	nq	96
84) Di-n-octyl phthalate	22.90	149	840275	25.98	nq	97
85) Indeno(1,2,3-cd)pyrene	28.87	276	984746	28.45	nq	# 94
87) Benzo(b)fluoranthene	24.04	252	851164	29.04	nq	100
88) Benzo(k)fluoranthene	24.11	252	843341	28.89	nq	100
89) Benzo(a)pyrene	24.93	252	827262	29.36	nq	97
90) Dibenzo(a,h)anthracene	28.94	278	830967	29.13	nq	98
91) Benzo(g,h,i)perylene	30.06	276	820777	30.97	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 830

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Instrument :

BNA_G

ClientSampleId :

PB103551BS

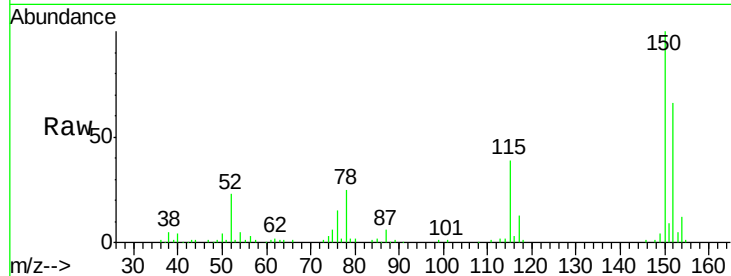
Tot Ion:152 Resp: 56057

Ion Ratio Lower Upper

152 100

150 152.6 126.6 189.8

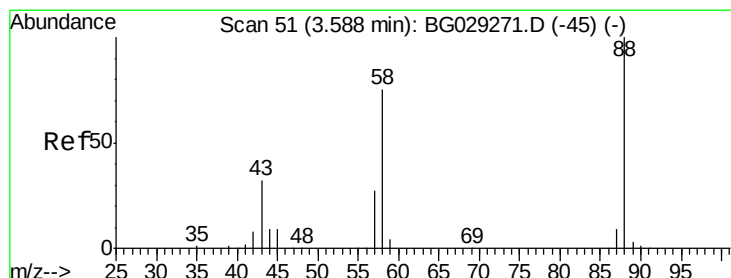
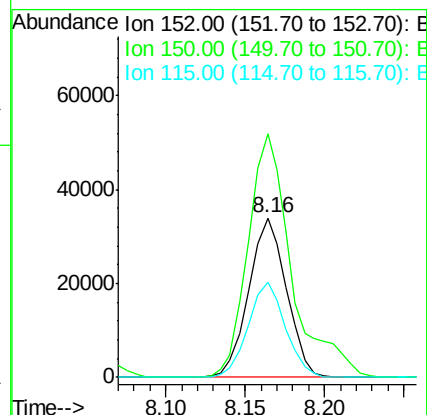
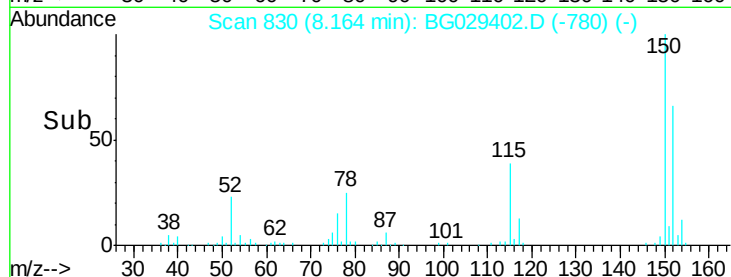
115 59.3 53.0 79.4



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: 28.35 ng

RT: 3.58 min Scan# 49

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

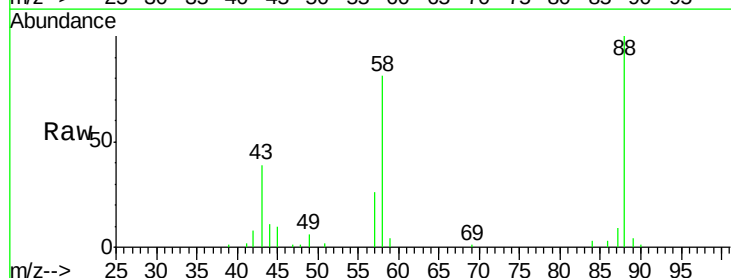
Tgt Ion: 88 Resp: 38599

Ion Ratio Lower Upper

88 100

58 81.5 79.6 119.4

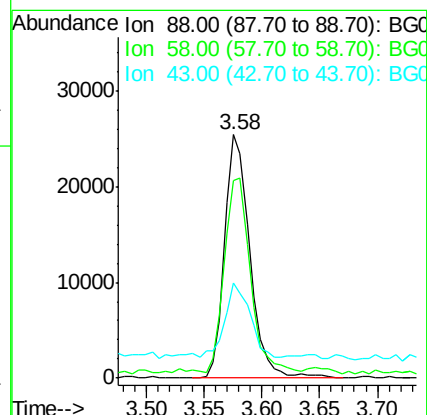
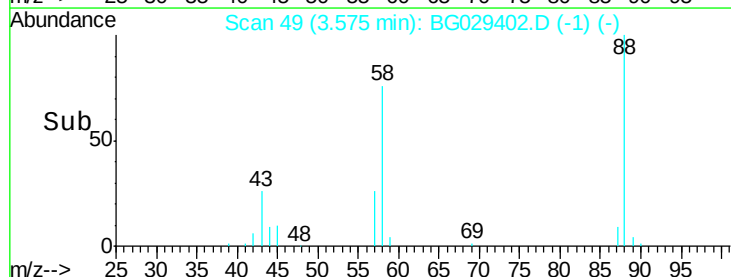
43 29.6 27.4 41.0

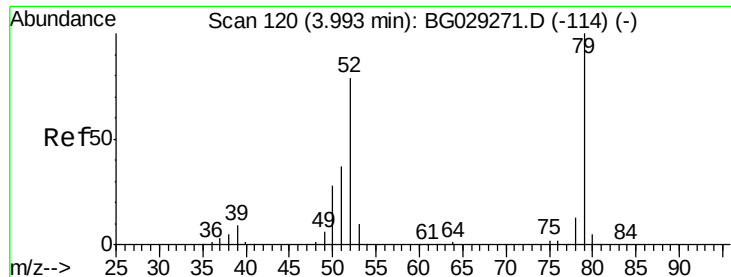


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 25.93 ng

RT: 3.98 min Scan# 118

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Instrument :

BNA_G

ClientSampleId :

PB103551BS

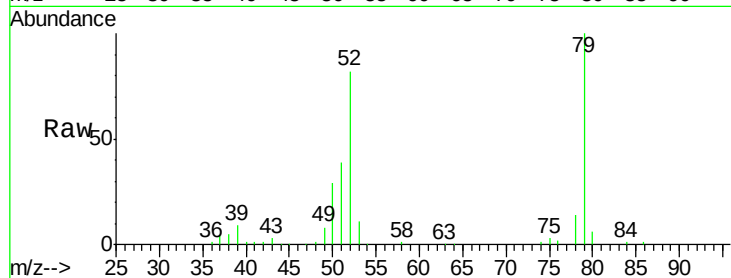
Tot Ion: 79 Resp: 102799

Ion Ratio Lower Upper

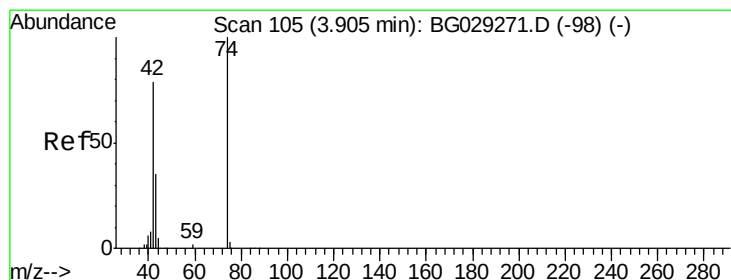
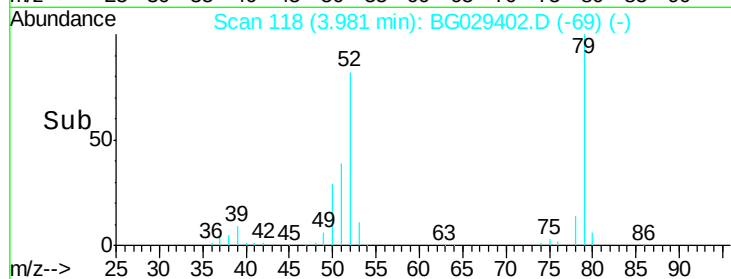
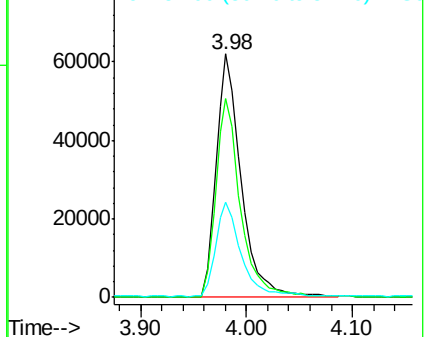
79 100

52 81.7 69.9 104.9

51 39.3 34.0 51.0



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: 28.49 ng

RT: 3.89 min Scan# 103

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

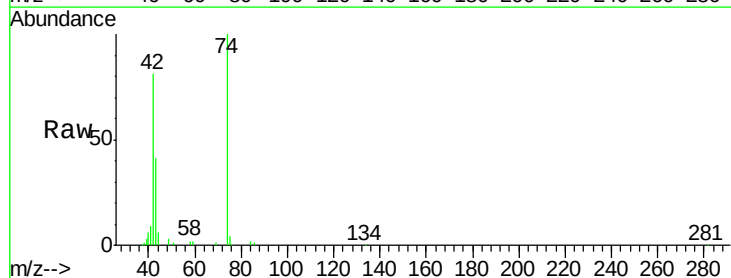
Tgt Ion: 42 Resp: 52804

Ion Ratio Lower Upper

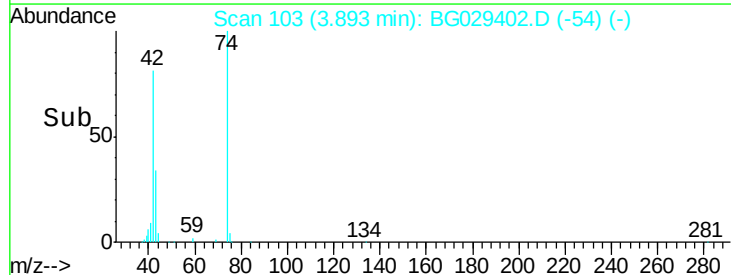
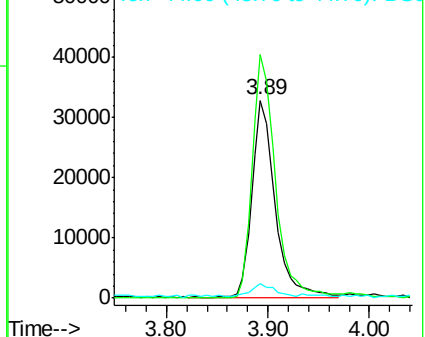
42 100

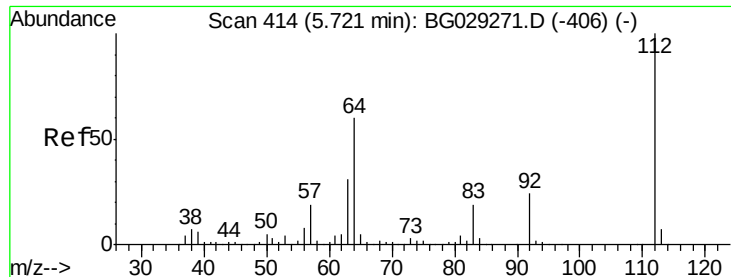
74 122.9 102.5 153.7

44 7.2 18.9 28.3#



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: 98.69 ng

RT: 5.71 min Scan# 413

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Instrument :

BNA_G

ClientSampleId :

PB103551BS

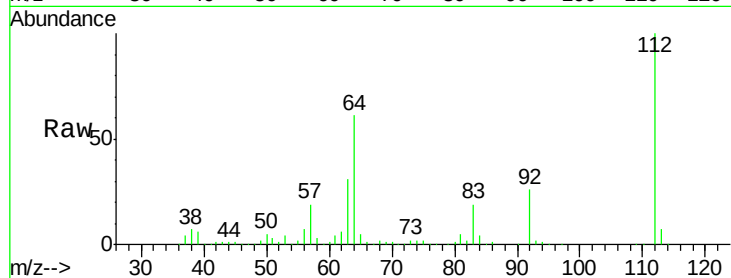
Tot Ion: 112 Resp: 331150

Ion Ratio Lower Upper

112 100

64 61.2 56.3 84.5

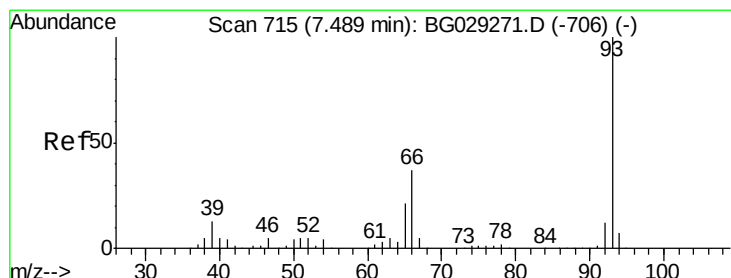
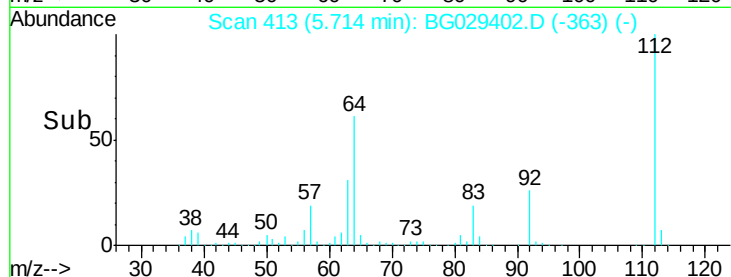
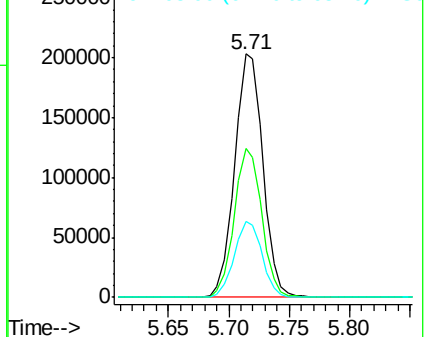
63 31.2 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 18.86 ng

RT: 7.48 min Scan# 713

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

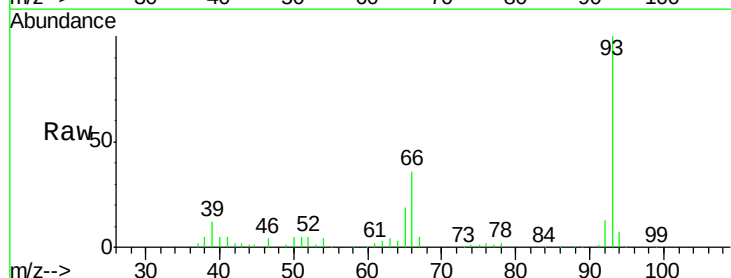
Tgt Ion: 93 Resp: 110016

Ion Ratio Lower Upper

93 100

66 35.7 33.7 50.5

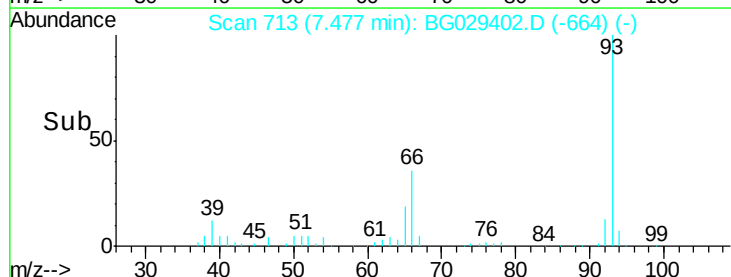
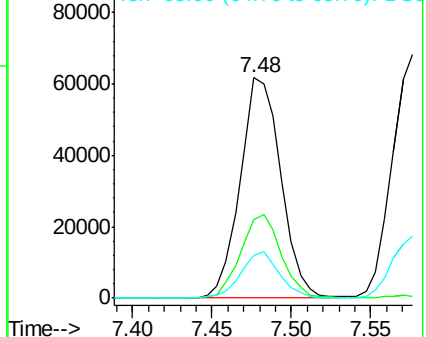
65 19.1 16.1 24.1

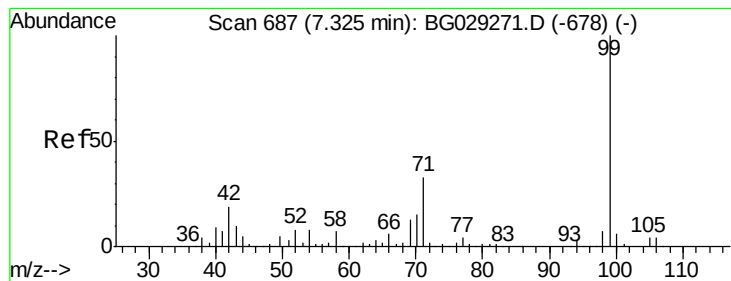


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 93.57 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Instrument :

BNA_G

ClientSampleId :

PB103551BS

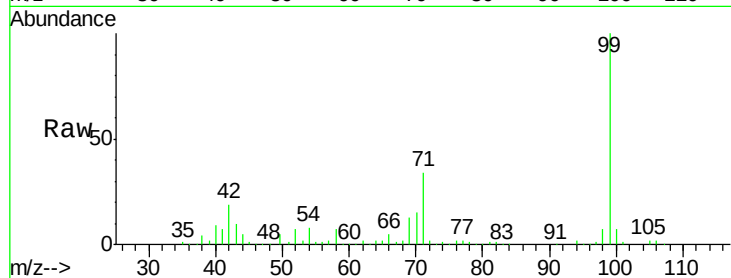
Tot Ion: 99 Resp: 440729

Ion Ratio Lower Upper

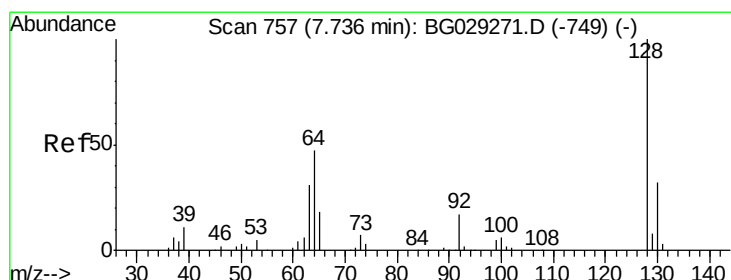
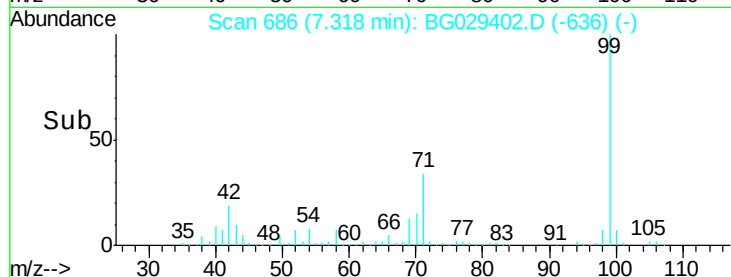
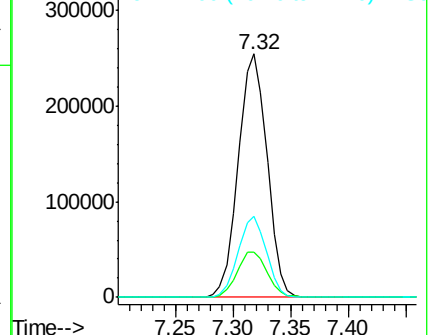
99 100

42 18.8 14.1 21.1

71 33.5 26.1 39.1



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: 29.07 ng

RT: 7.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

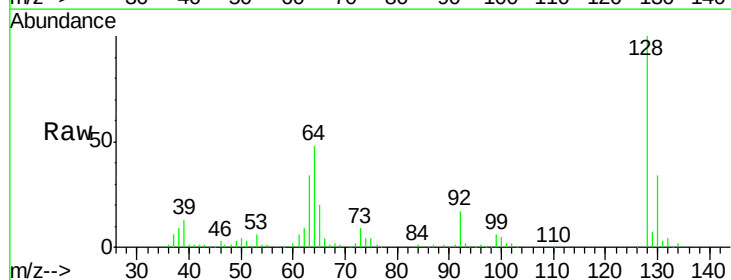
Tgt Ion: 128 Resp: 111821

Ion Ratio Lower Upper

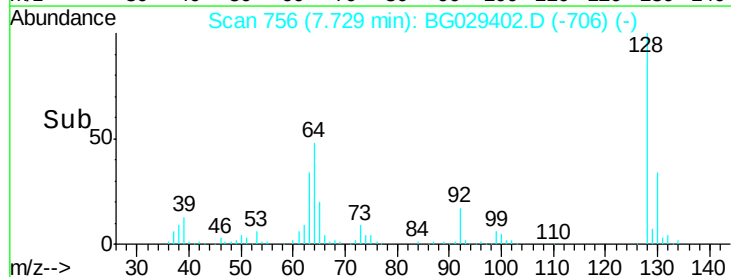
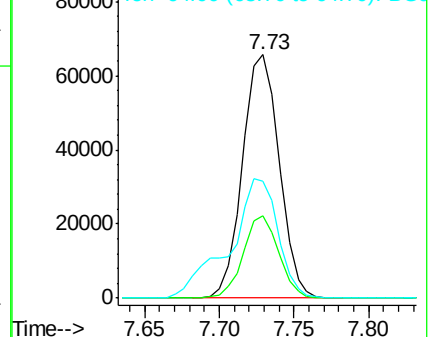
128 100

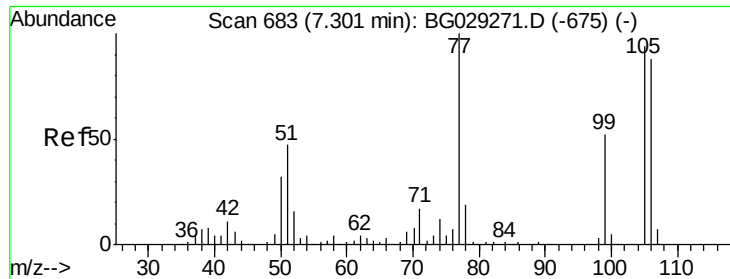
130 33.6 14.0 54.0

64 48.3 37.7 77.7



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: 29.29 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Instrument :

BNA_G

ClientSampled :

PB103551BS

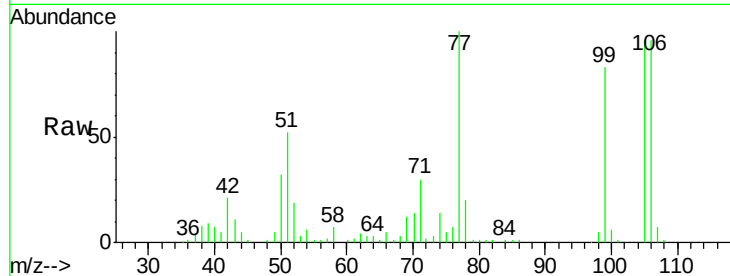
Tot Ion: 77 Resp: 69382

Ion Ratio Lower Upper

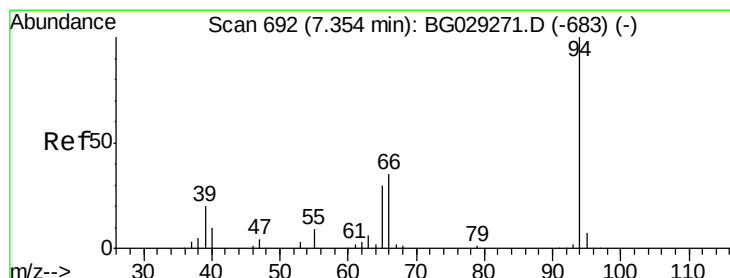
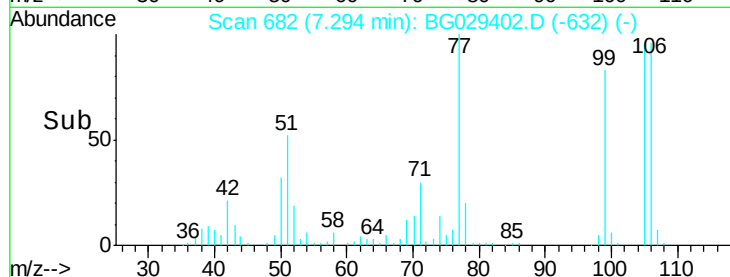
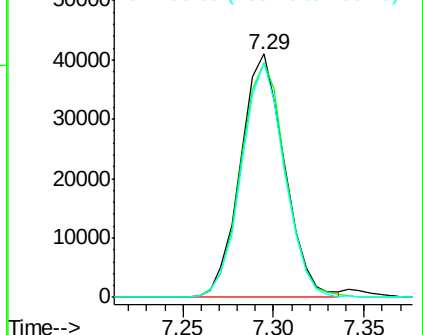
77 100

105 96.5 71.3 111.3

106 96.2 64.2 104.2



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: 29.97 ng

RT: 7.34 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

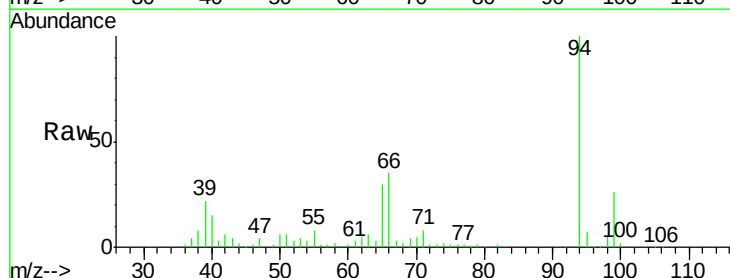
Tgt Ion: 94 Resp: 152179

Ion Ratio Lower Upper

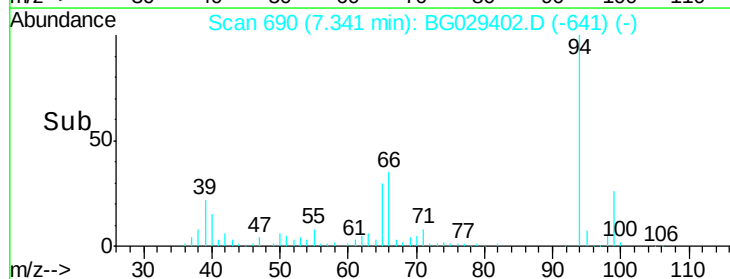
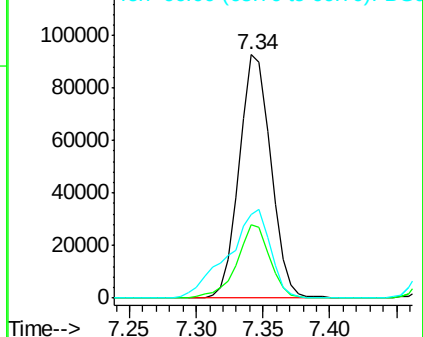
94 100

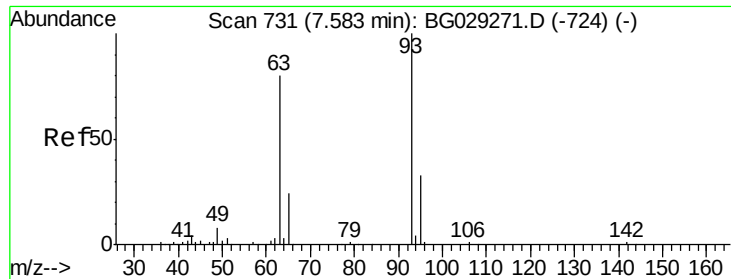
65 30.0 11.9 51.9

66 34.5 22.2 62.2



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

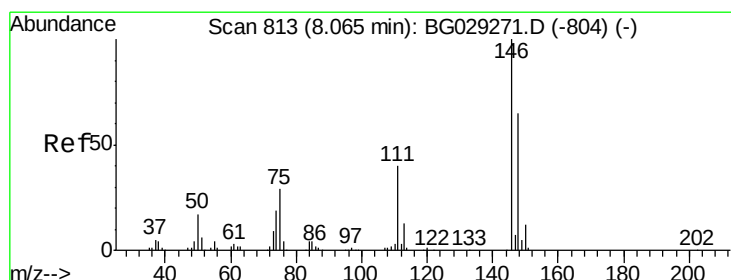
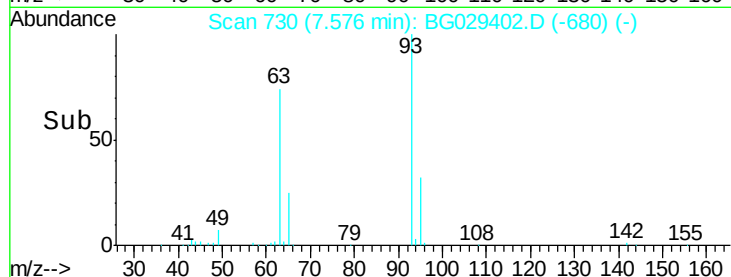
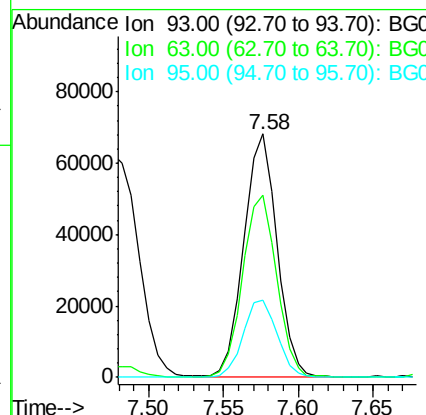
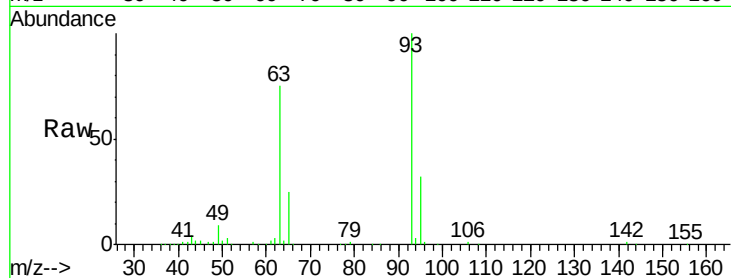




#11
bis(2-Chloroethyl)ether
Concen: 28.26 ng
RT: 7.58 min Scan# 730
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

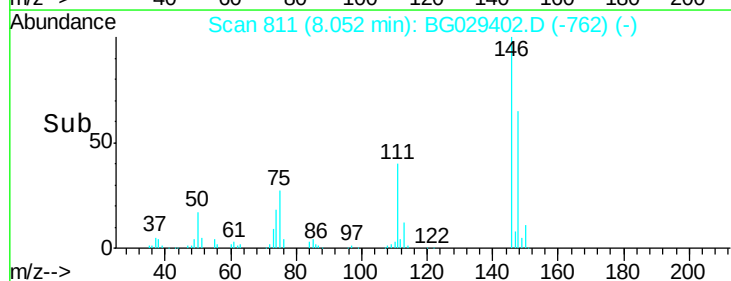
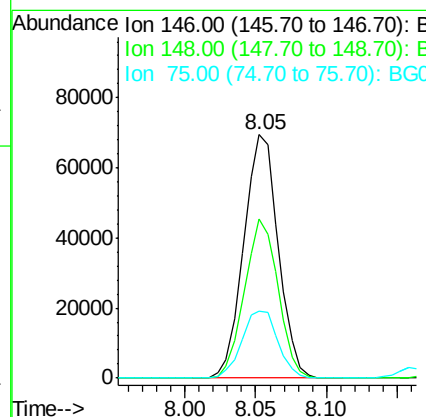
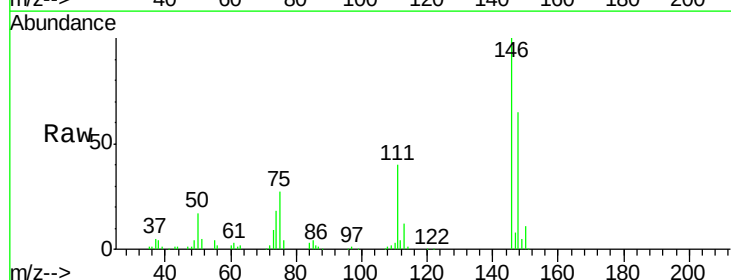
Instrument :
BNA_G
ClientSampleId :
PB103551BS

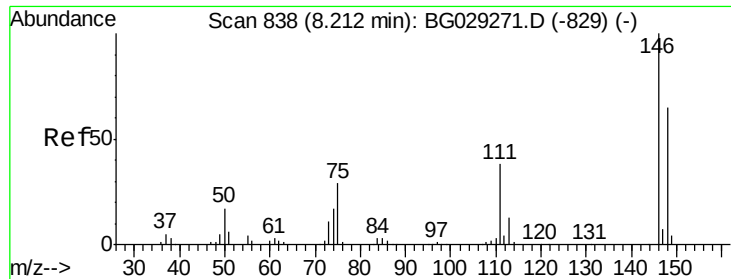
Tot Ion: 93 Resp: 104560
Ion Ratio Lower Upper
93 100
63 75.0 67.1 107.1
95 31.6 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 27.48 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Tgt Ion: 146 Resp: 118650
Ion Ratio Lower Upper
146 100
148 65.5 51.4 77.2
75 27.3 26.6 39.8

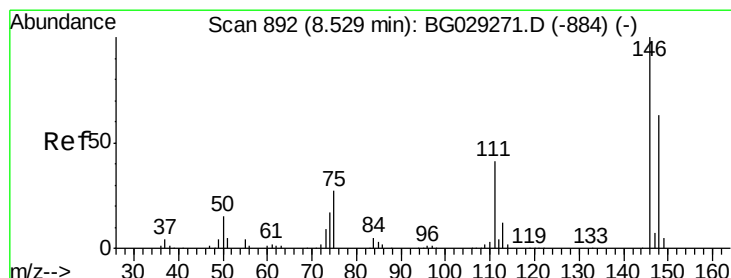
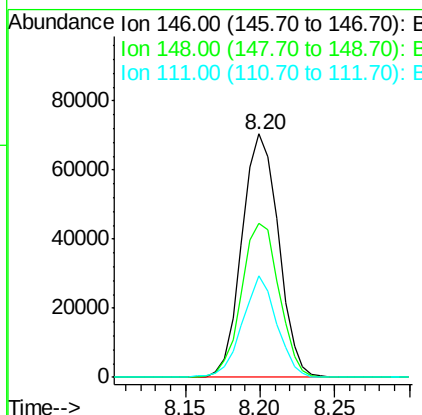
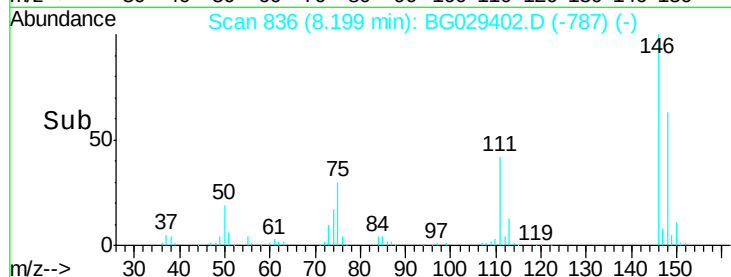
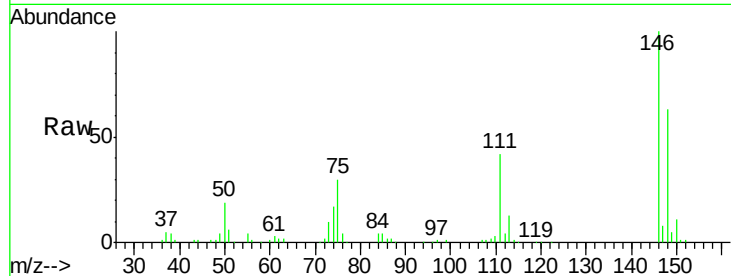




#13
 1,4-Dichlorobenzene
 Concen: 27.09 ng
 RT: 8.20 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BG029402.D
 Acq: 23 Oct 2017 16:53

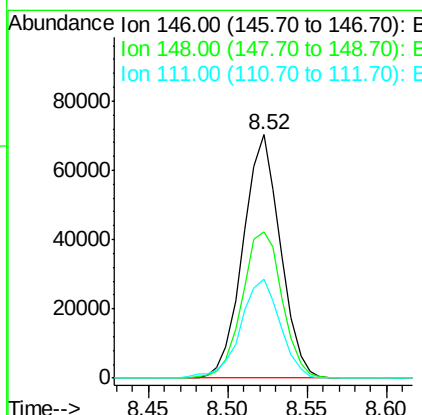
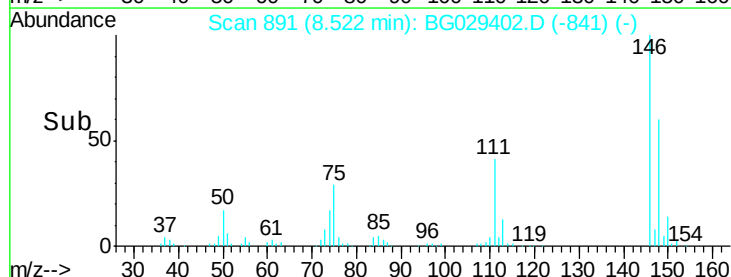
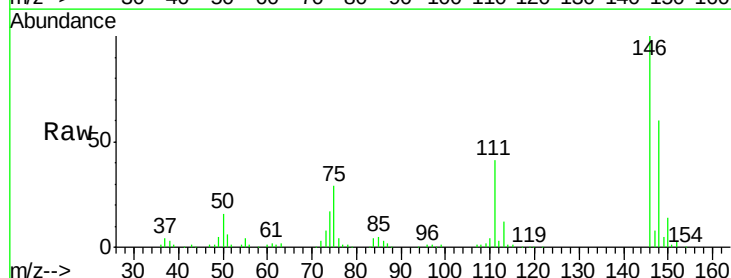
Instrument :
 BNA_G
 ClientSampleId :
 PB103551BS

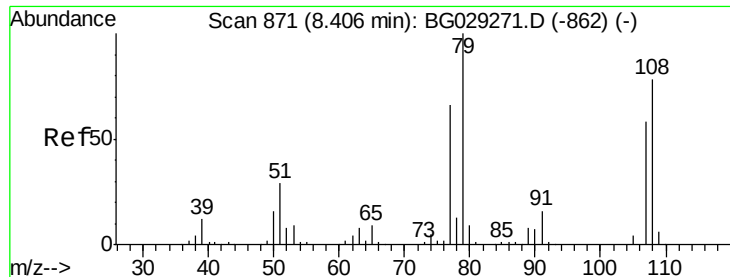
Tot Ion:146 Resp: 119417
 Ion Ratio Lower Upper
 146 100
 148 63.1 53.7 80.5
 111 41.9 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 26.95 ng
 RT: 8.52 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BG029402.D
 Acq: 23 Oct 2017 16:53

Tgt Ion:146 Resp: 114591
 Ion Ratio Lower Upper
 146 100
 148 59.9 49.3 73.9
 111 40.7 34.3 51.5





#15

Benzyl Alcohol

Concen: 30.89 ng

RT: 8.40 min Scan# 870

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Instrument :

BNA_G

ClientSampleId :

PB103551BS

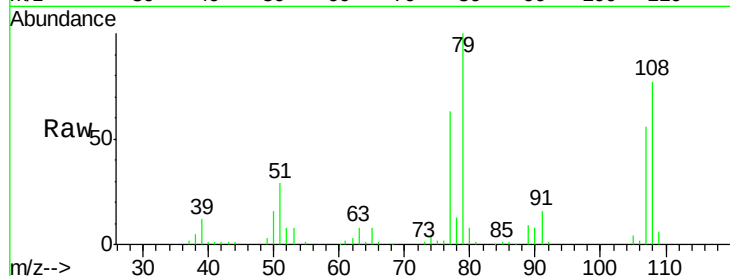
Tot Ion: 79 Resp: 102546

Ion Ratio Lower Upper

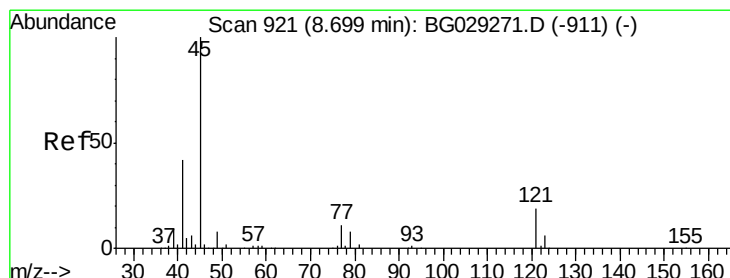
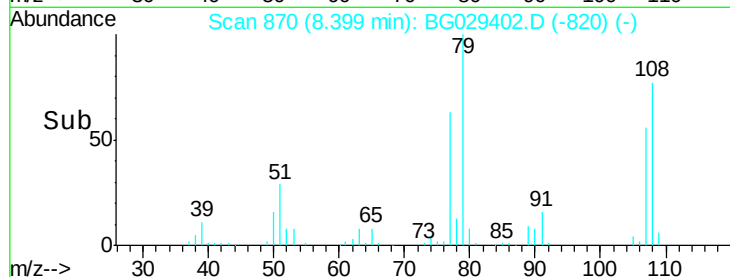
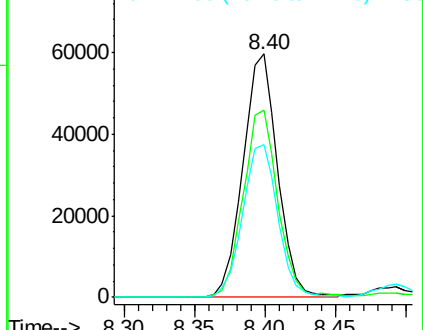
79 100

108 77.2 57.2 85.8

77 62.7 46.1 69.1



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: 27.50 ng

RT: 8.69 min Scan# 920

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

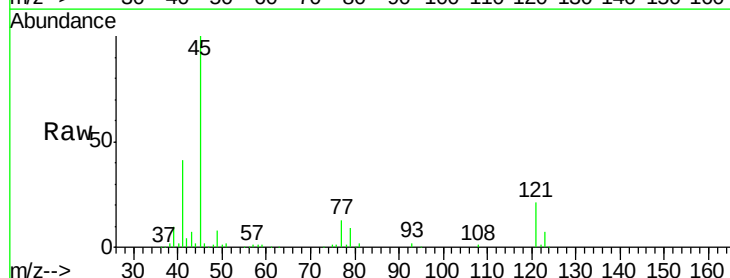
Tgt Ion: 45 Resp: 172801

Ion Ratio Lower Upper

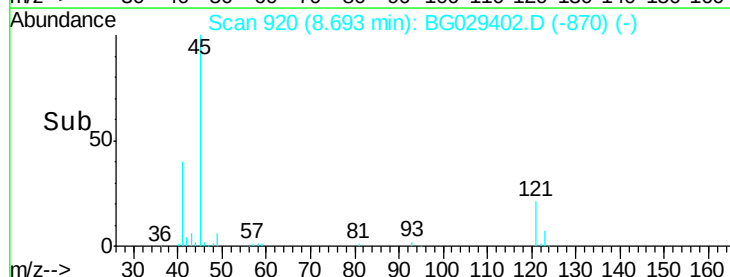
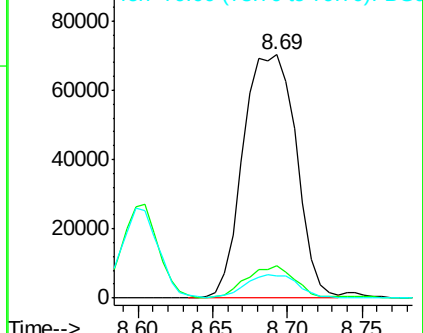
45 100

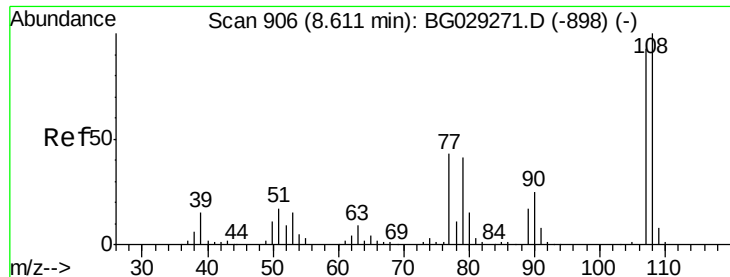
77 13.2 0.0 30.2

79 9.4 0.0 27.9



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: 30.30 ng

RT: 8.60 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Instrument :

BNA_G

ClientSampled :

PB103551BS

Tot Ion:107 Resp: 102204

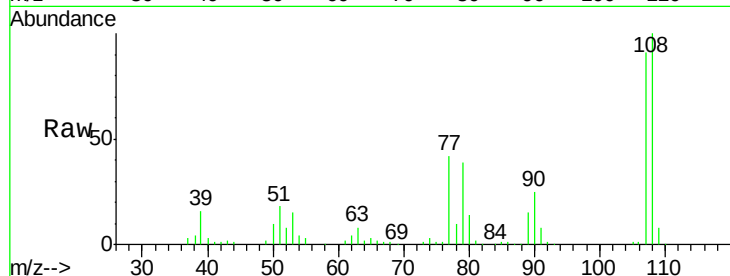
Ion Ratio Lower Upper

107 100

108 109.5 83.9 125.9

77 45.6 37.2 55.8

79 42.5 36.2 54.2

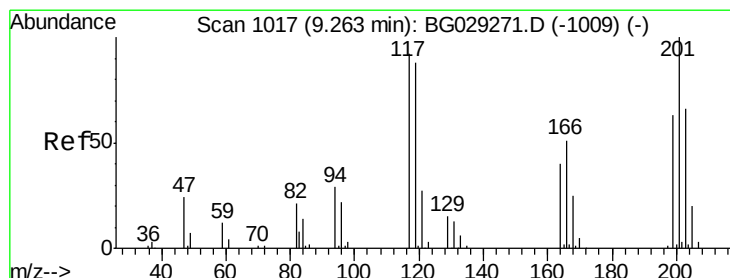
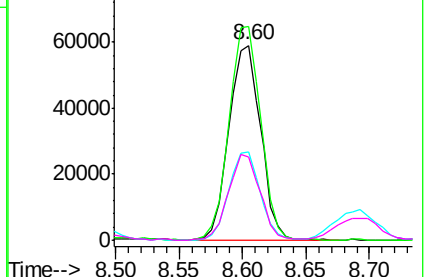
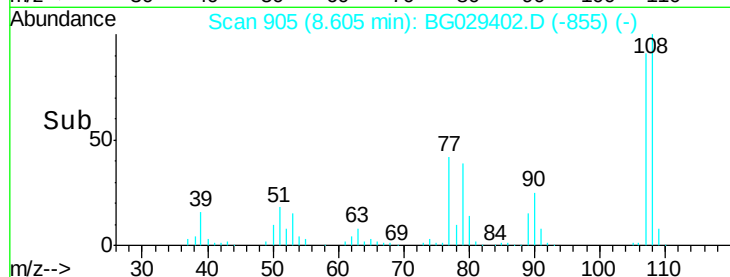


Abundance Ion 107.00 (106.70 to 107.70): E

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: 27.08 ng

RT: 9.26 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

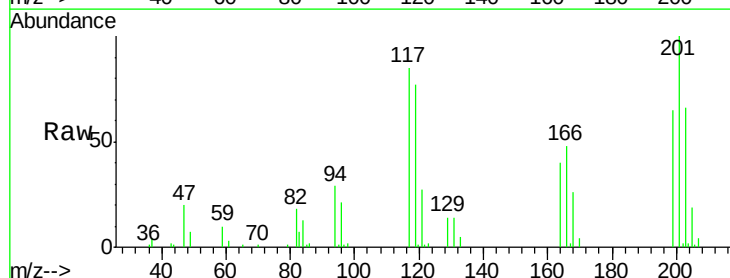
Tgt Ion:117 Resp: 40693

Ion Ratio Lower Upper

117 100

119 90.5 76.7 115.1

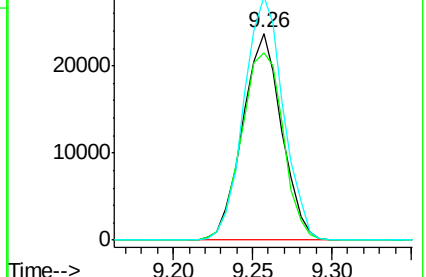
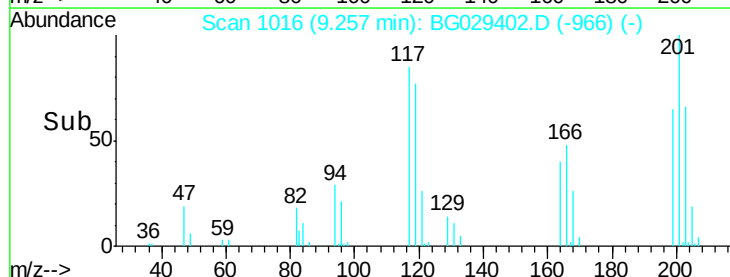
201 117.6 95.7 143.5

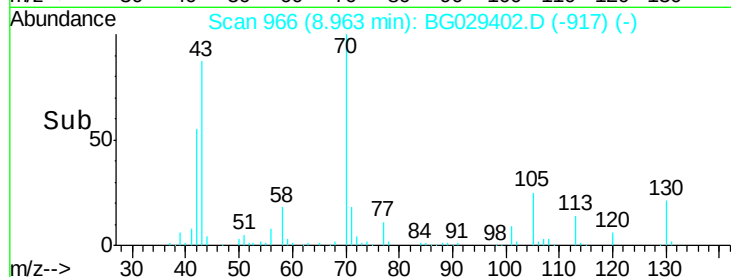
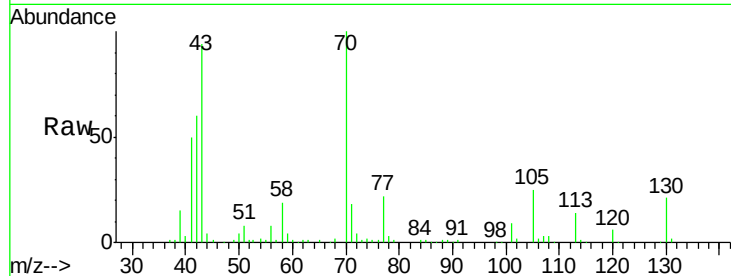
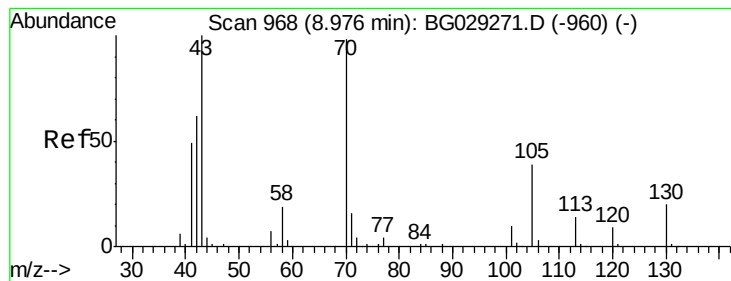


Abundance Ion 117.00 (116.70 to 117.70): E

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: 27.27 ng

RT: 8.96 min Scan# 966

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Instrument :

BNA_G

ClientSampleId :

PB103551BS

Tot Ion: 70 Resp: 87350

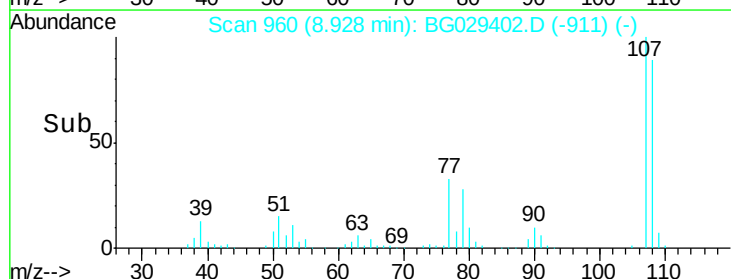
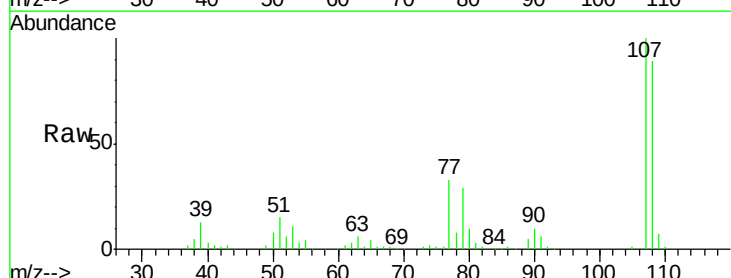
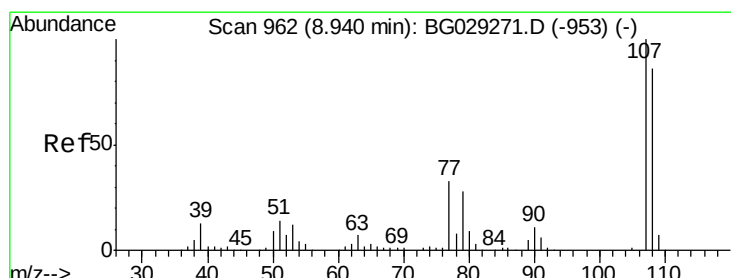
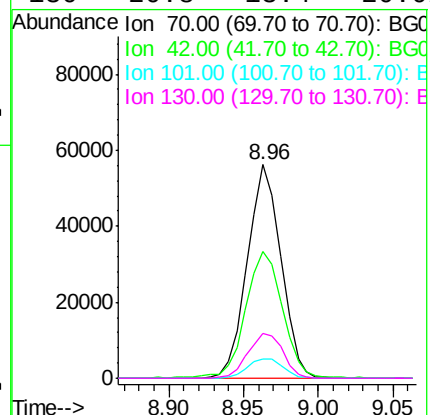
Ion Ratio Lower Upper

70 100

42 59.6 49.1 73.7

101 8.9 8.5 12.7

130 20.8 13.4 20.0#



#20

3+4-Methylphenols

Concen: 29.54 ng

RT: 8.93 min Scan# 960

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Tgt Ion: 107 Resp: 140420

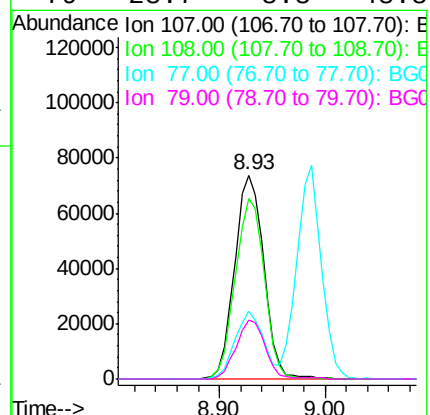
Ion Ratio Lower Upper

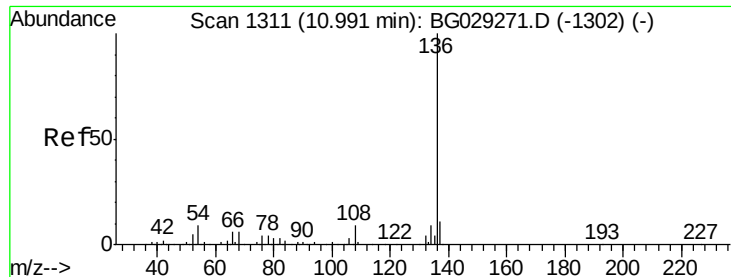
107 100

108 88.7 61.6 101.6

77 33.1 13.9 53.9

79 28.7 8.8 48.8

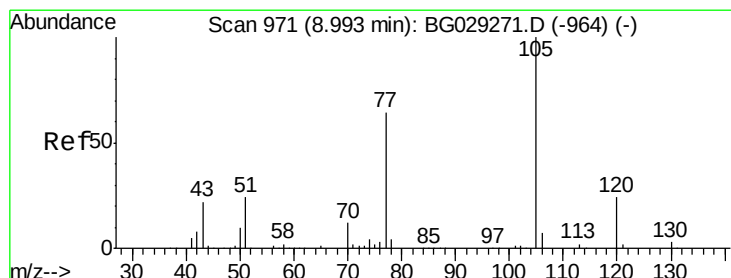
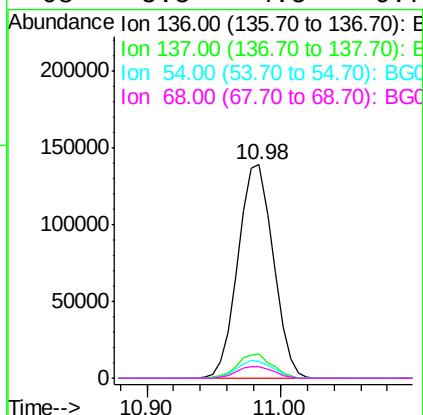
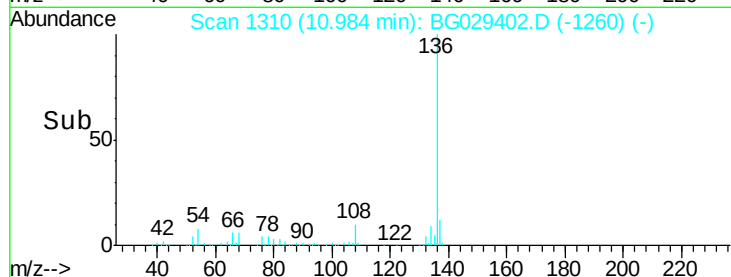
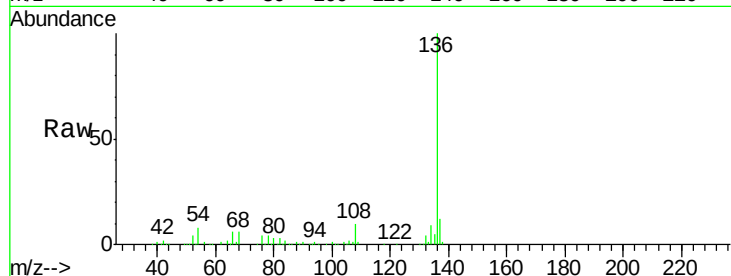




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

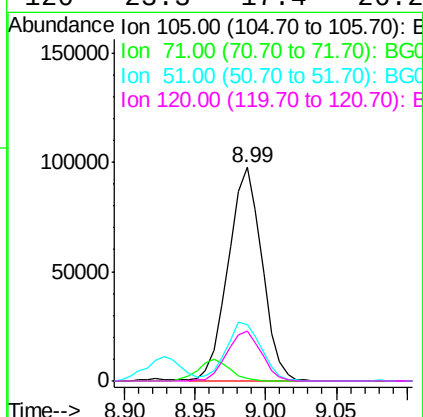
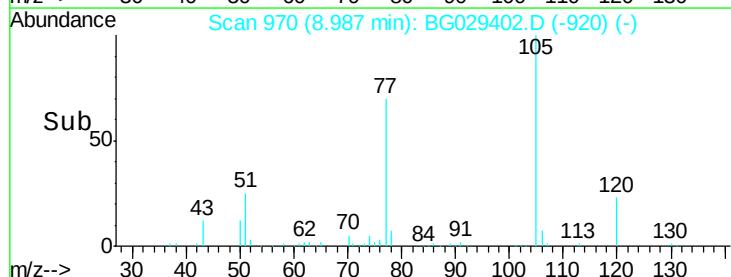
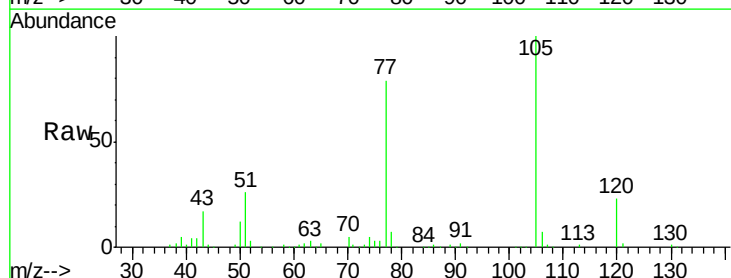
Instrument :
BNA_G
ClientSampleId :
PB103551BS

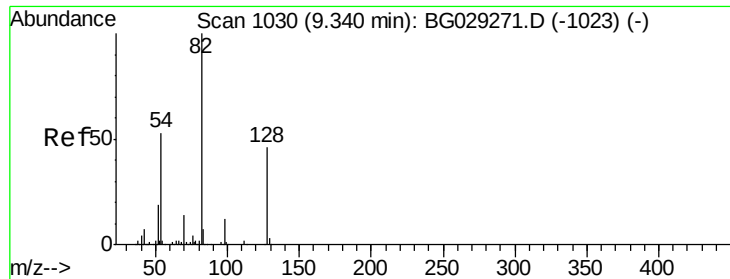
Tot Ion:136	Resp:	254145
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.2 13.8
54	7.9	10.3 15.5#
68	5.5	4.5 6.7



#22
Acetophenone
Concen: 26.60 ng
RT: 8.99 min Scan# 970
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Tgt Ion:105	Resp:	162928
Ion Ratio	Lower	Upper
105	100	
71	1.1	3.0 4.4#
51	26.5	26.1 39.1
120	23.3	17.4 26.2

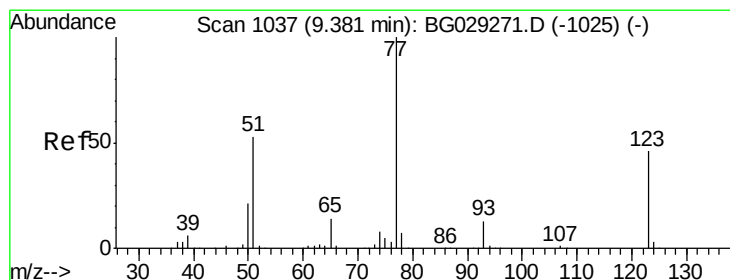
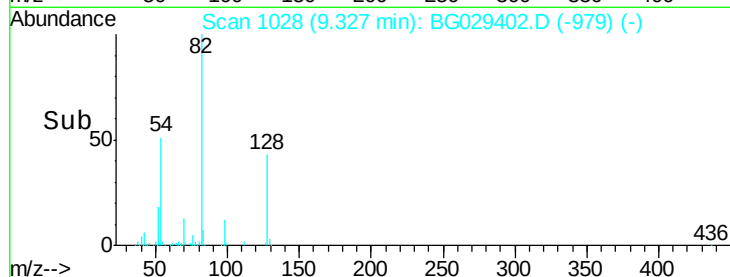
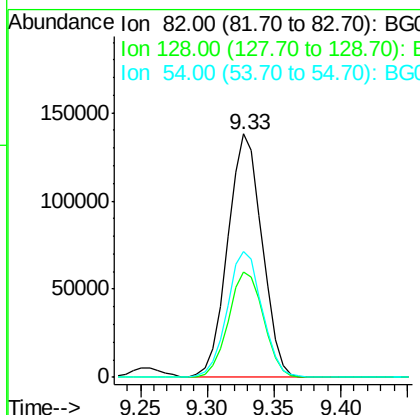
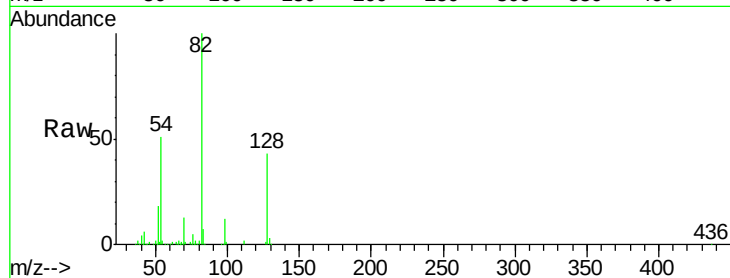




#23
 Nitrobenzene-d5
 Concen: 61.80 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG029402.D
 Acq: 23 Oct 2017 16:53

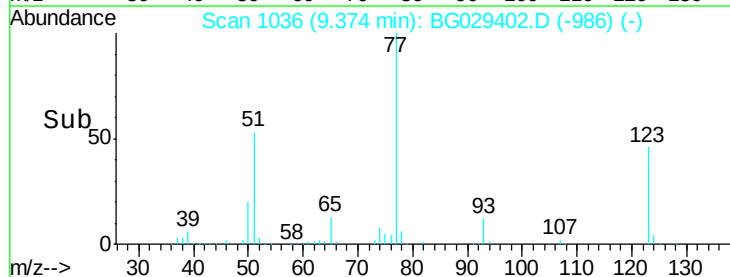
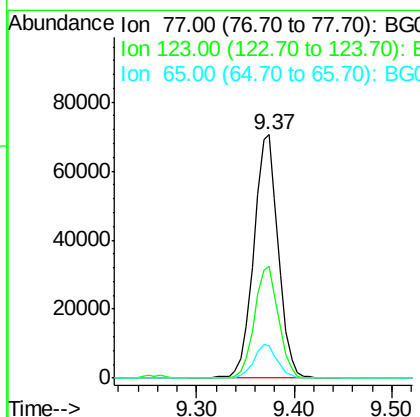
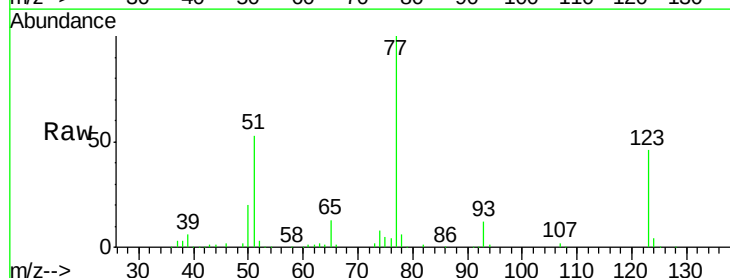
Instrument :
 BNA_G
 ClientSampleId :
 PB103551BS

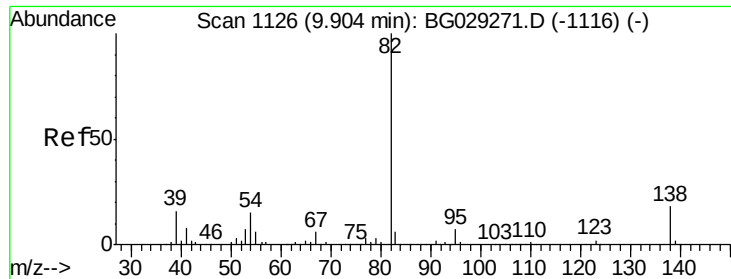
Tot Ion: 82 Resp: 247141
 Ion Ratio Lower Upper
 82 100
 128 43.4 29.7 44.5
 54 51.4 43.1 64.7



#24
 Nitrobenzene
 Concen: 27.71 ng
 RT: 9.37 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BG029402.D
 Acq: 23 Oct 2017 16:53

Tgt Ion: 77 Resp: 124586
 Ion Ratio Lower Upper
 77 100
 123 46.1 33.0 49.6
 65 13.5 13.0 19.6





#25

Isophorone

Concen: 28.84 ng

RT: 9.89 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Instrument :

BNA_G

ClientSampleId :

PB103551BS

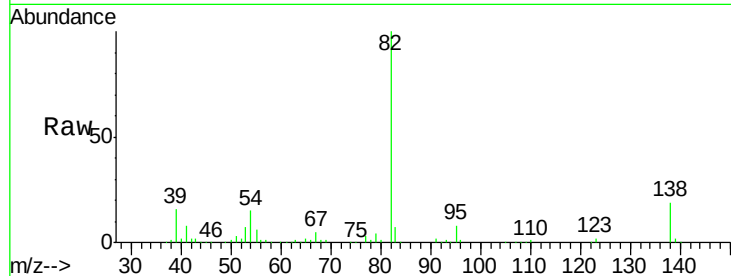
Tot Ion: 82 Resp: 240749

Ion Ratio Lower Upper

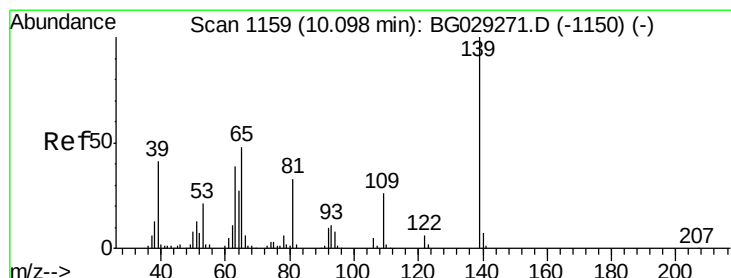
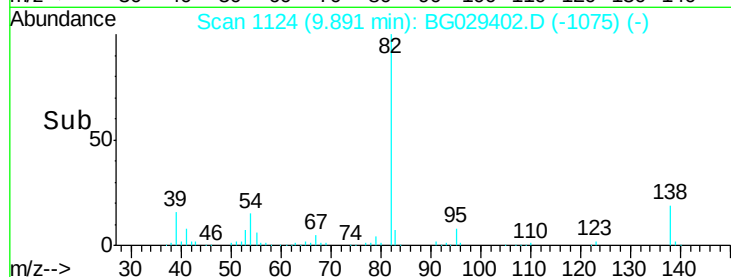
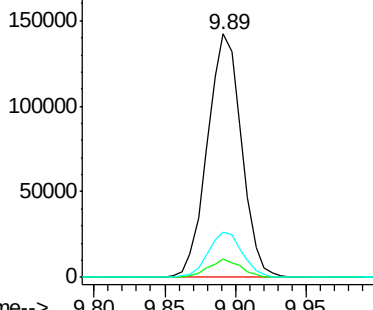
82 100

95 7.7 6.2 9.2

138 18.6 12.1 18.1#



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: 28.99 ng

RT: 10.09 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

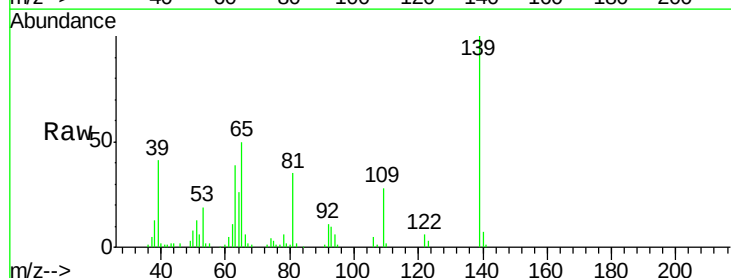
Tgt Ion: 139 Resp: 62313

Ion Ratio Lower Upper

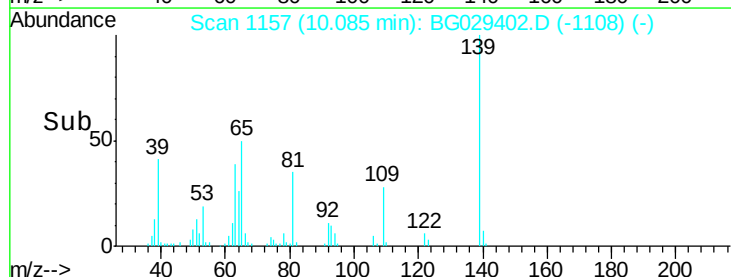
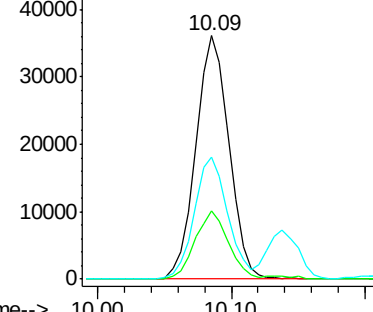
139 100

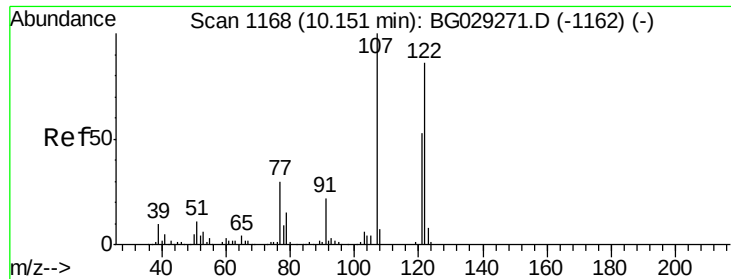
109 28.2 24.2 36.2

65 50.4 47.4 71.0



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

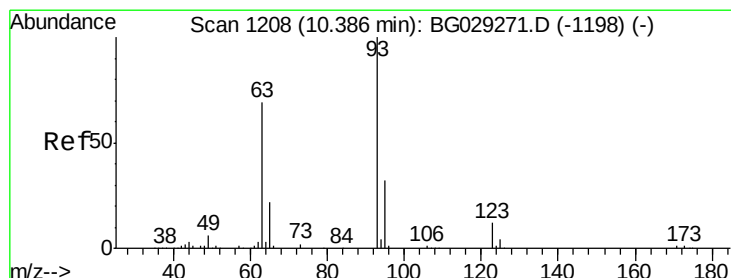
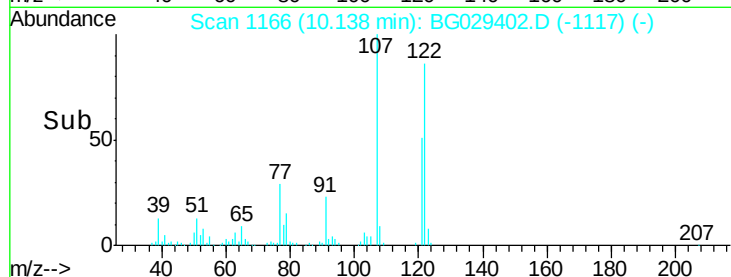
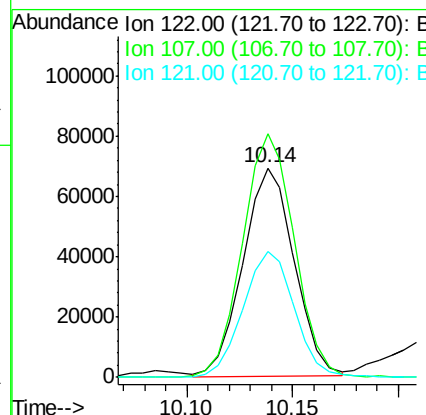
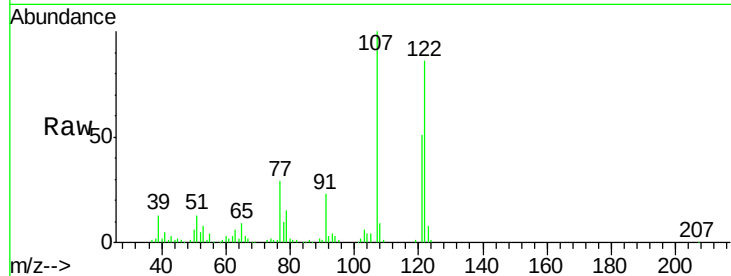




#27
2,4-Dimethylphenol
Concen: 29.91 ng
RT: 10.14 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

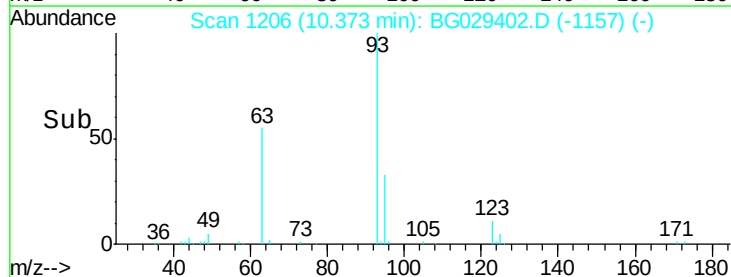
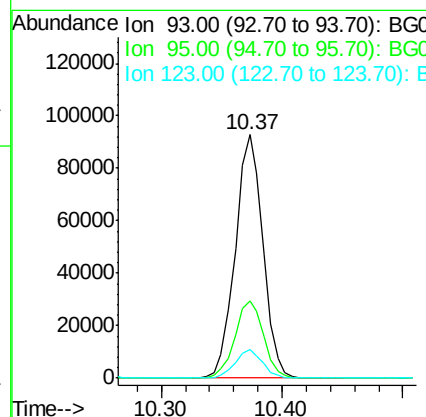
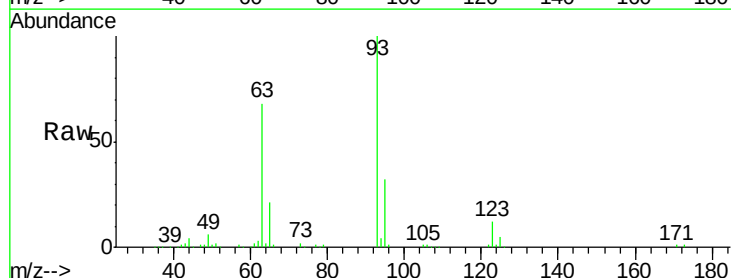
Instrument :
BNA_G
ClientSampleId :
PB103551BS

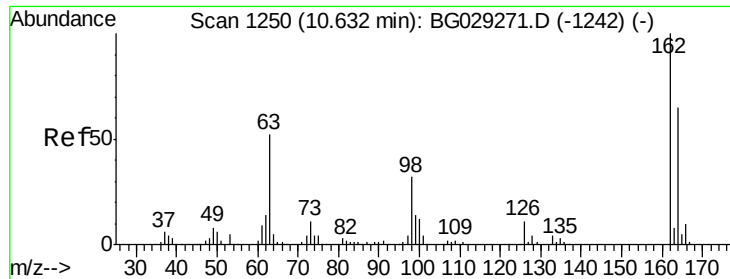
Tot Ion:122 Resp: 116289
Ion Ratio Lower Upper
122 100
107 116.2 100.2 150.2
121 59.8 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 28.90 ng
RT: 10.37 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Tgt Ion: 93 Resp: 147942
Ion Ratio Lower Upper
93 100
95 31.8 24.3 36.5
123 11.6 8.4 12.6

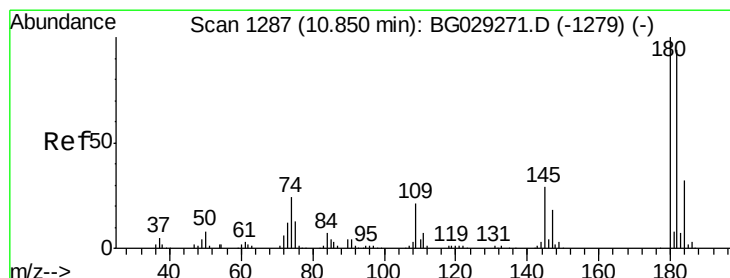
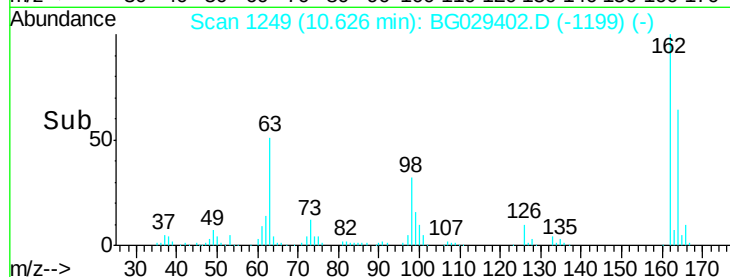
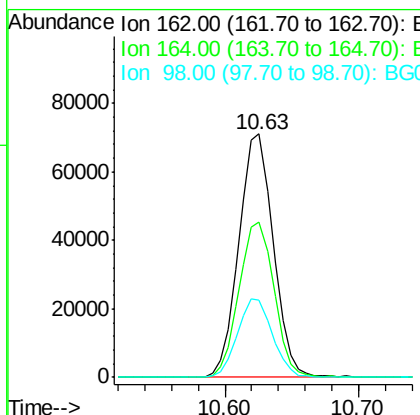
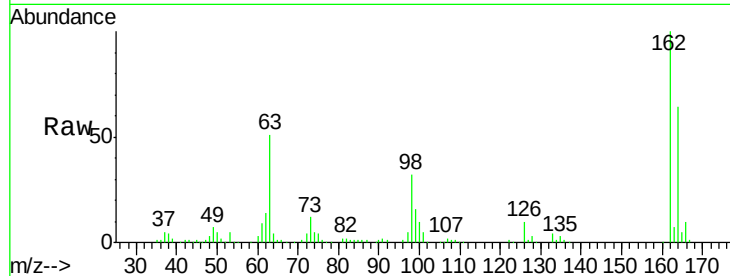




#29
 2,4-Dichlorophenol
 Concen: 30.60 ng
 RT: 10.63 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BG029402.D
 Acq: 23 Oct 2017 16:53

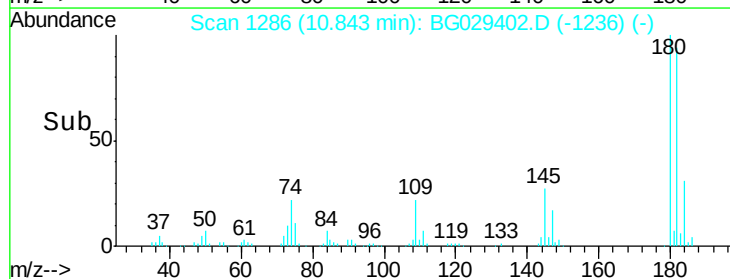
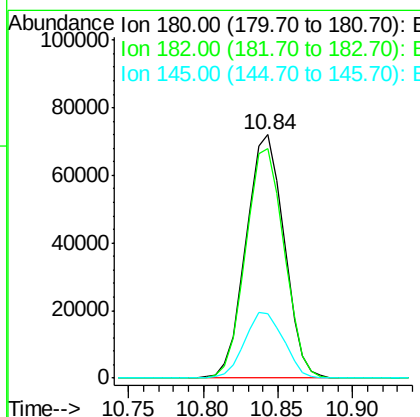
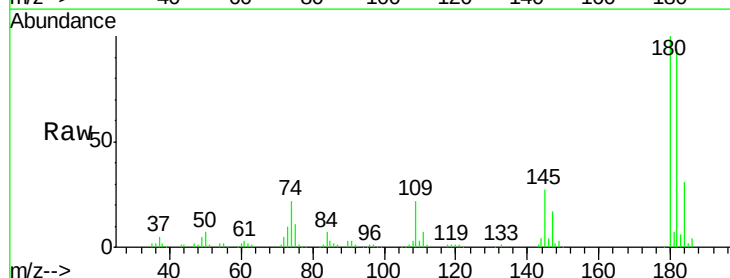
Instrument :
 BNA_G
 ClientSampleId :
 PB103551BS

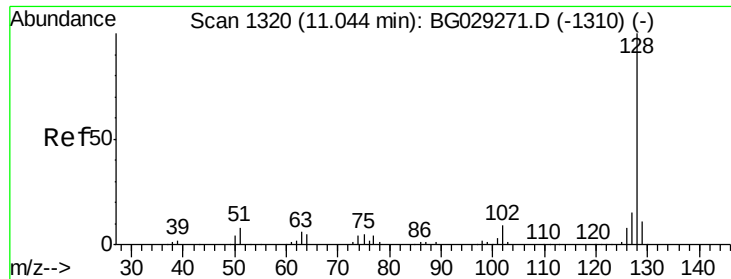
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	48.0	88.0
98	31.9	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 28.32 ng
 RT: 10.84 min Scan# 1286
 Delta R.T. -0.01 min
 Lab File: BG029402.D
 Acq: 23 Oct 2017 16:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	77.5	116.3
145	26.5	23.4	35.2

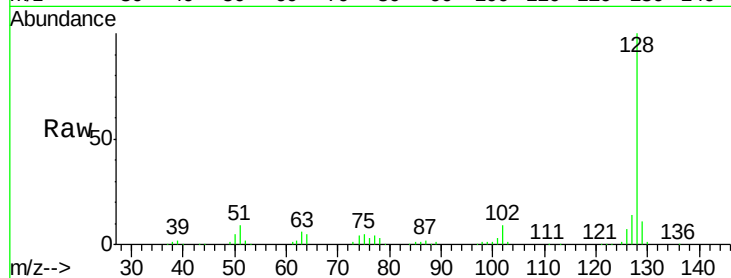




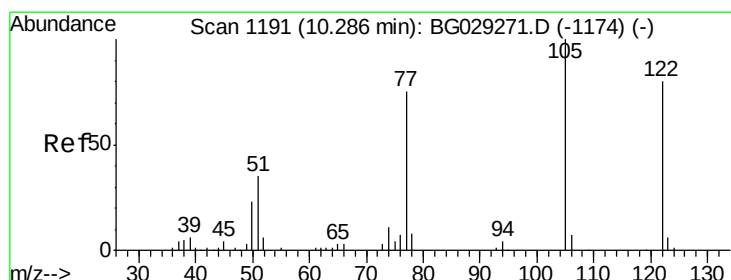
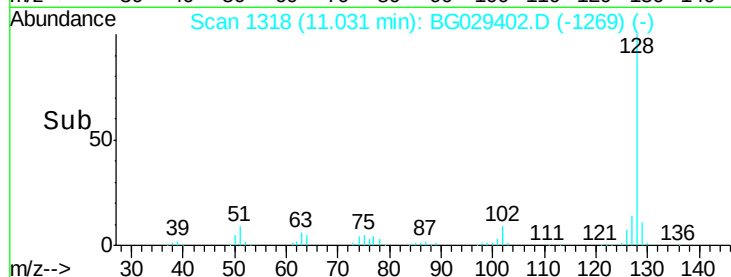
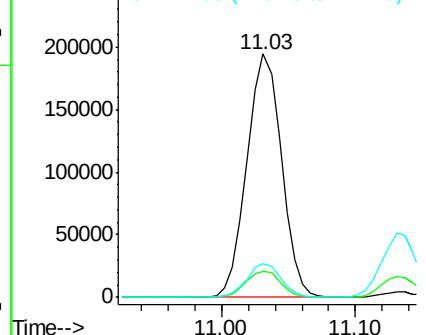
#31
Naphthalene
Concen: 27.48 ng
RT: 11.03 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Instrument :
BNA_G
ClientSampleId :
PB103551BS

Tot Ion:128 Resp: 348110
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 13.9 11.6 17.4

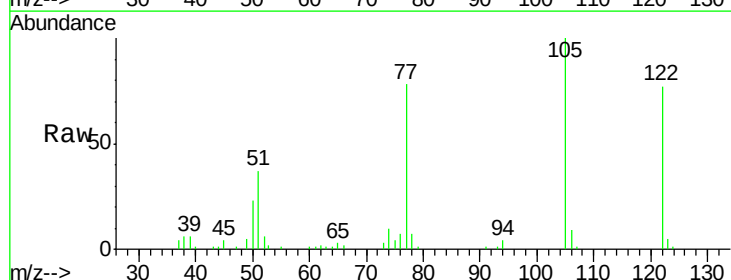


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

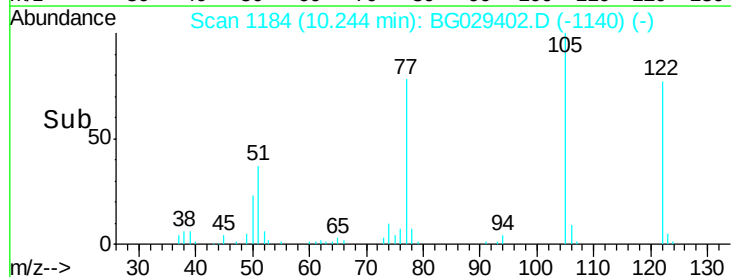
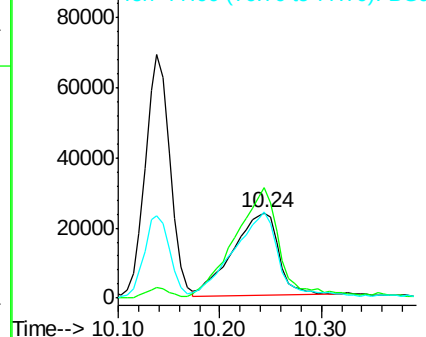


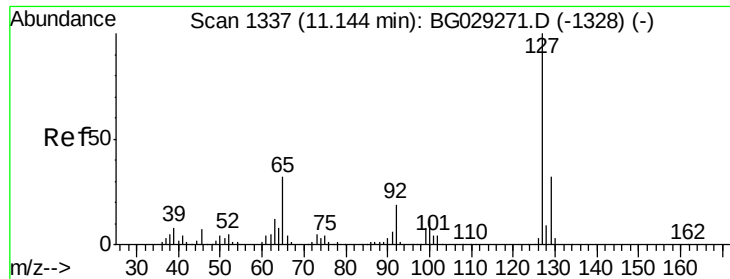
#32
Benzoic acid
Concen: 22.65 ng
RT: 10.24 min Scan# 1184
Delta R.T. -0.04 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Tgt Ion:122 Resp: 73745
Ion Ratio Lower Upper
122 100
105 129.2 123.5 163.5
77 100.6 85.7 125.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

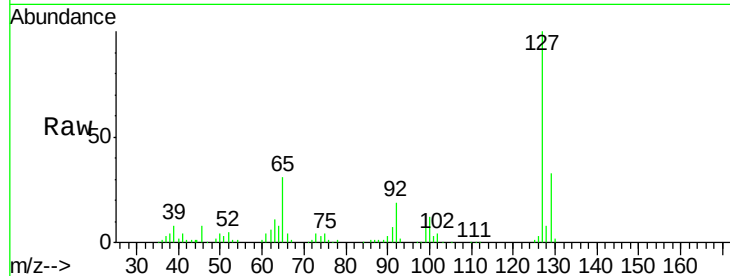




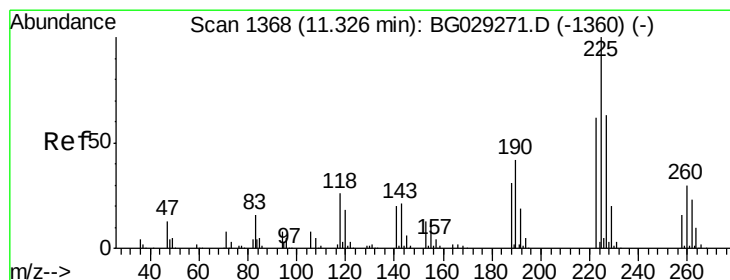
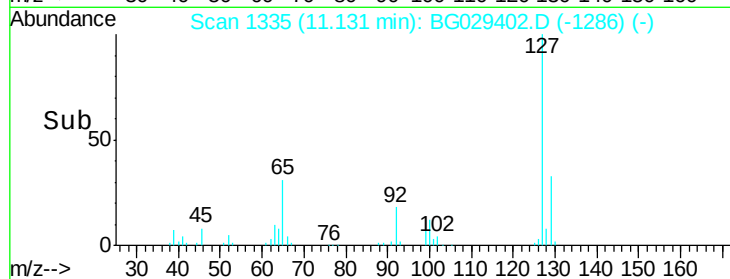
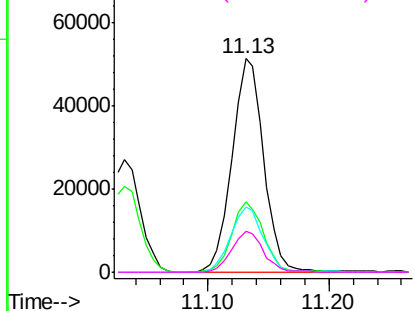
#33
4-Chloroaniline
Concen: 17.67 ng
RT: 11.13 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Instrument :
BNA_G
ClientSampleId :
PB103551BS

Tot Ion:	127	Resp:	94147
Ion	Ratio	Lower	Upper
127	100		
129	33.1	24.0	36.0
65	30.5	27.0	40.4
92	18.9	16.6	25.0

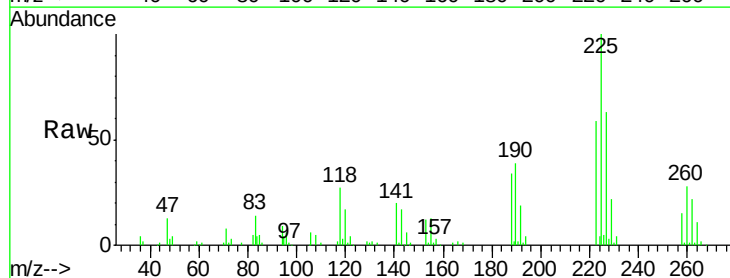


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

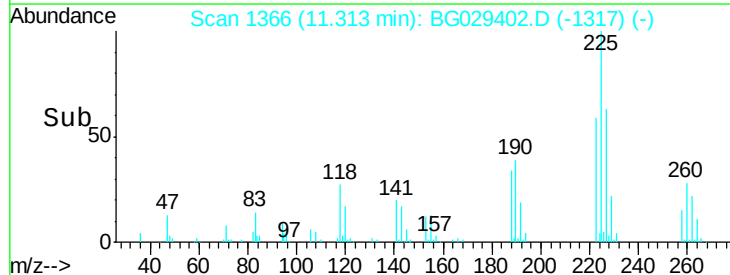
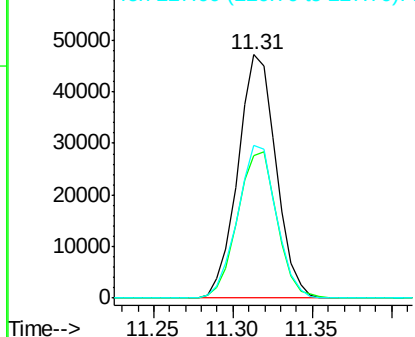


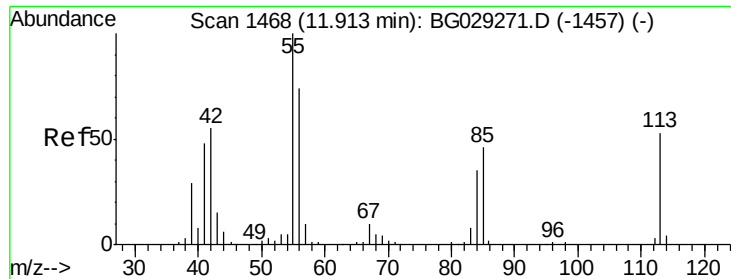
#34
Hexachlorobutadiene
Concen: 28.24 ng
RT: 11.31 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Tgt Ion:	225	Resp:	78654
Ion	Ratio	Lower	Upper
225	100		
223	58.8	49.7	74.5
227	62.5	48.1	72.1



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: 35.27 ng

RT: 11.89 min Scan# 1464

Delta R.T. -0.02 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Instrument :

BNA_G

ClientSampleId :

PB103551BS

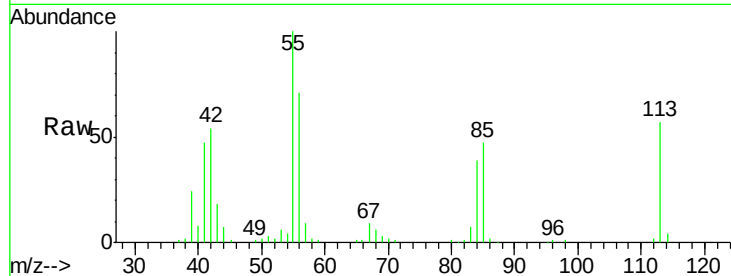
Tot Ion:113 Resp: 48611

Ion Ratio Lower Upper

113 100

55 176.7 186.9 226.9#

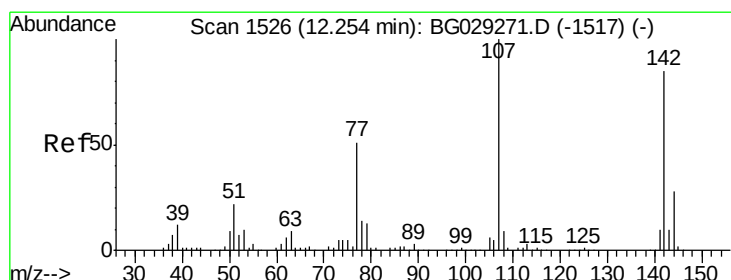
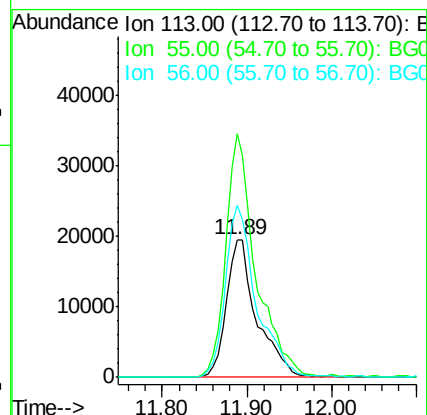
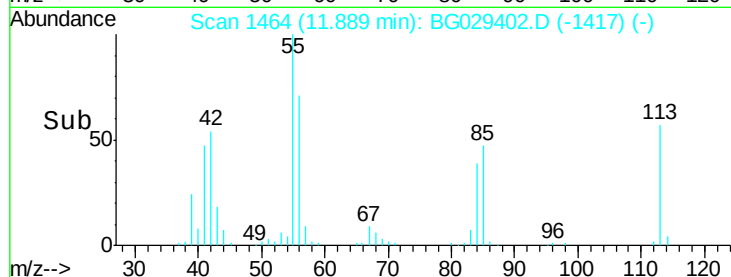
56 124.8 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 29.73 ng

RT: 12.24 min Scan# 1524

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

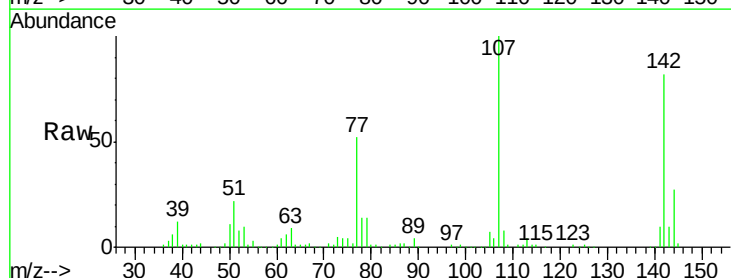
Tgt Ion:107 Resp: 135568

Ion Ratio Lower Upper

107 100

144 26.8 18.2 27.4

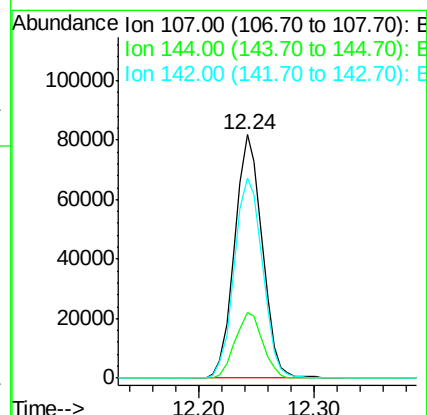
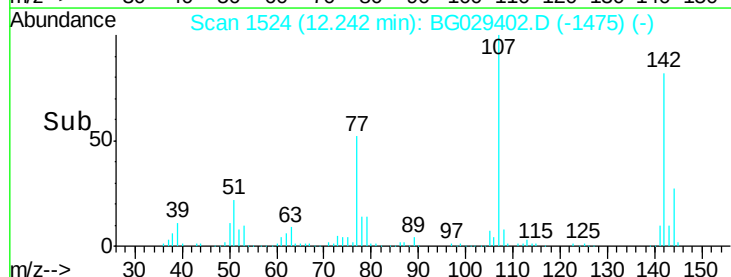
142 82.3 59.0 88.4

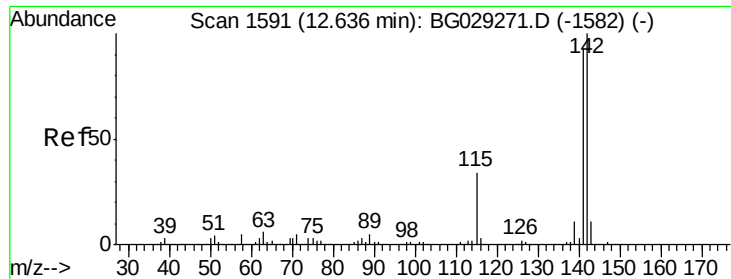


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

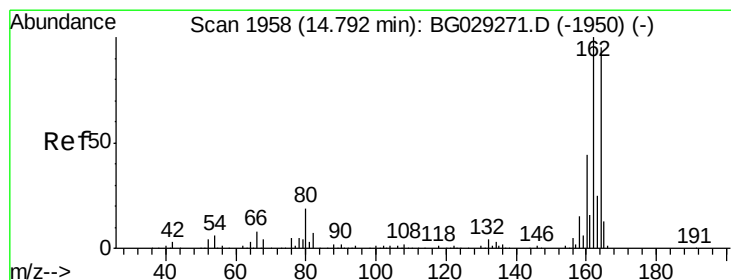
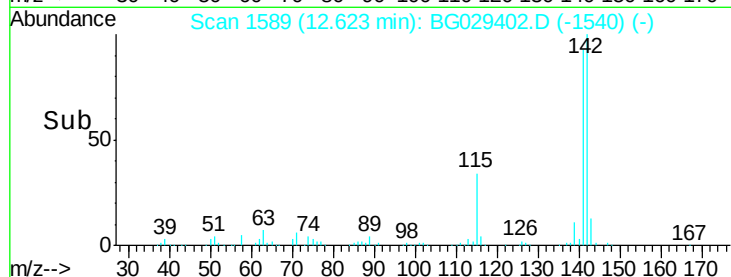
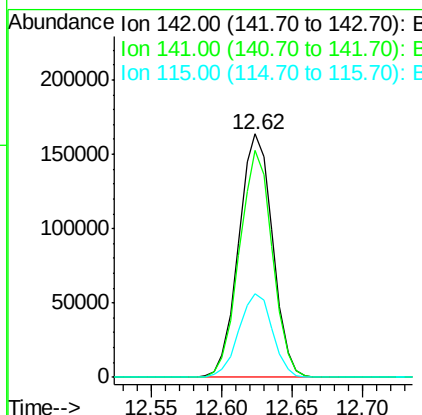
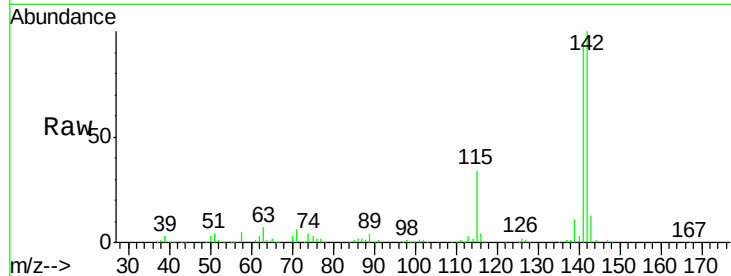




#37
2-Methylnaphthalene
Concen: 29.73 ng
RT: 12.62 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

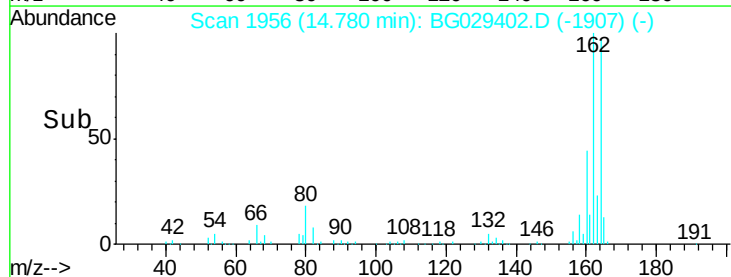
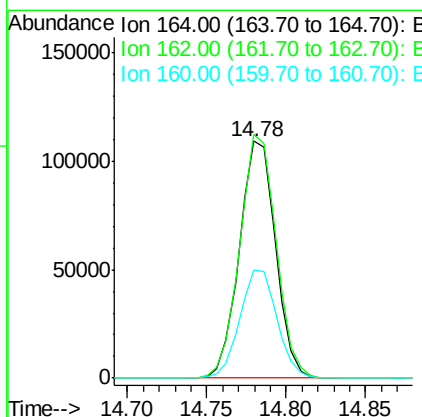
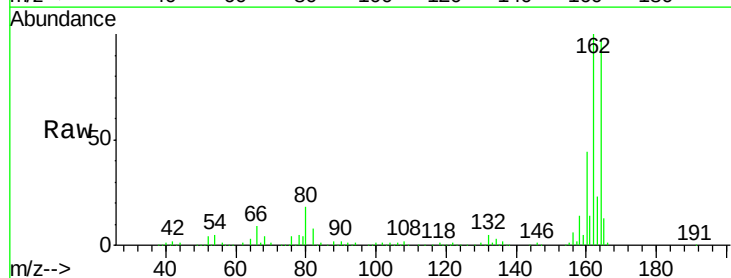
Instrument :
BNA_G
ClientSampleId :
PB103551BS

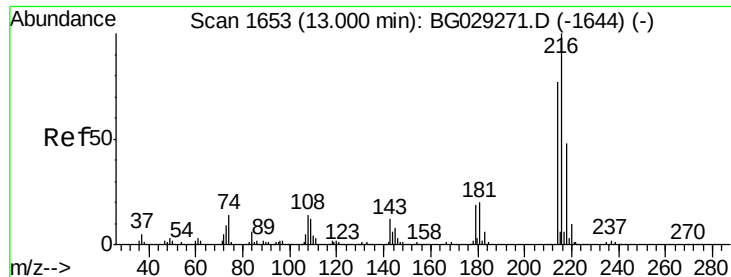
Tot Ion:142 Resp: 274458
Ion Ratio Lower Upper
142 100
141 93.2 67.1 100.7
115 34.4 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Tgt Ion:164 Resp: 172476
Ion Ratio Lower Upper
164 100
162 102.9 78.8 118.2
160 45.5 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 24.17 ng

RT: 12.99 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Instrument :

BNA_G

ClientSampleId :

PB103551BS

Tot Ion:216 Resp: 152224

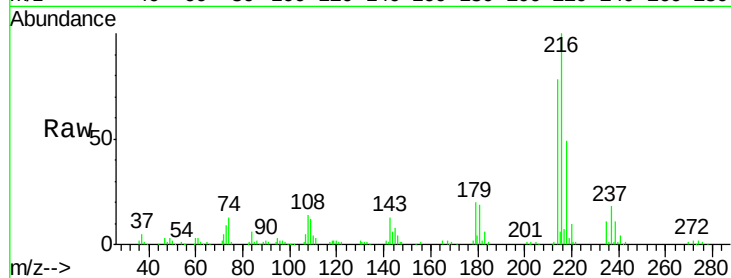
Ion Ratio Lower Upper

216 100

214 77.2 63.0 94.4

179 19.7 17.0 25.6

108 16.8 12.8 19.2

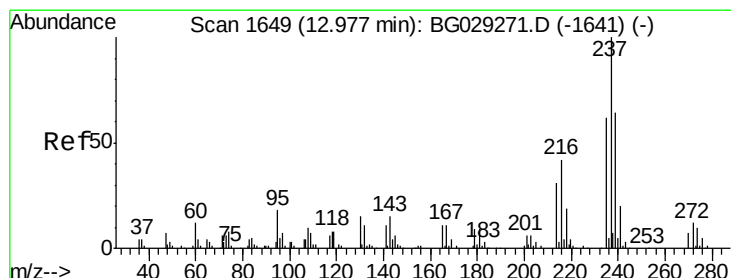
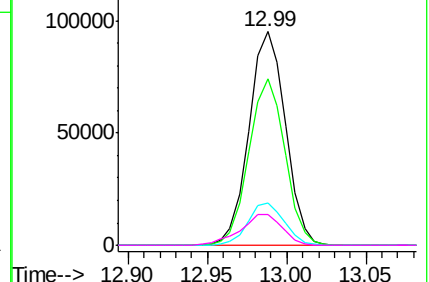
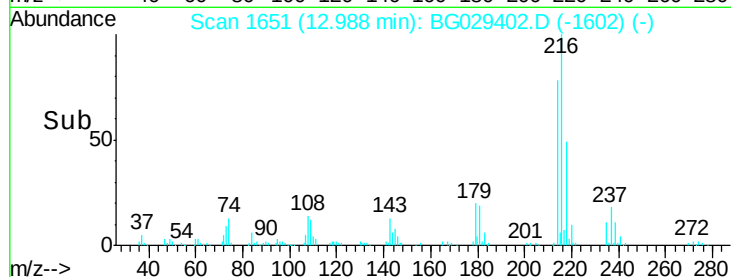


Abundance Ion 216.00 (215.70 to 216.70): E

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: 79.71 ng

RT: 12.97 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

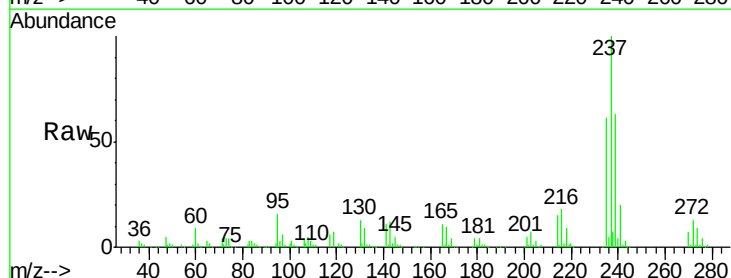
Tgt Ion:237 Resp: 190107

Ion Ratio Lower Upper

237 100

235 60.6 50.4 90.4

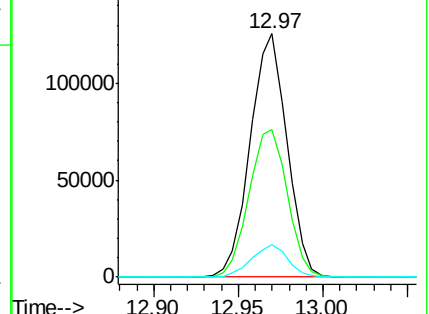
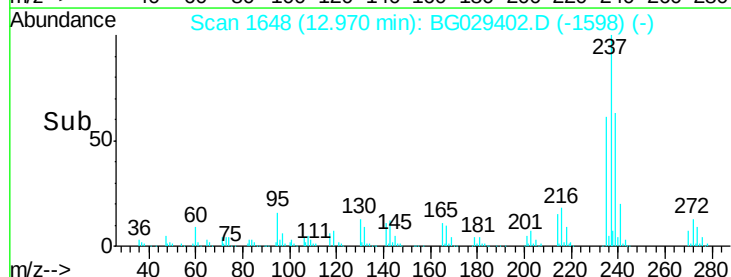
272 13.1 0.0 31.8

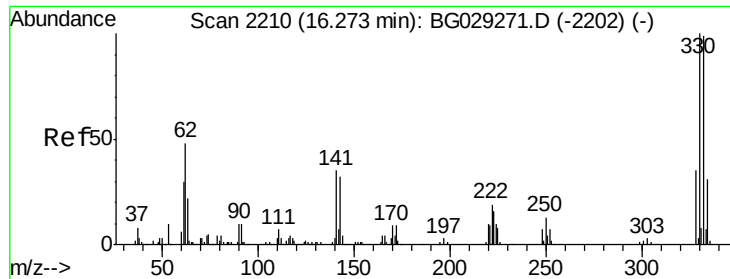


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

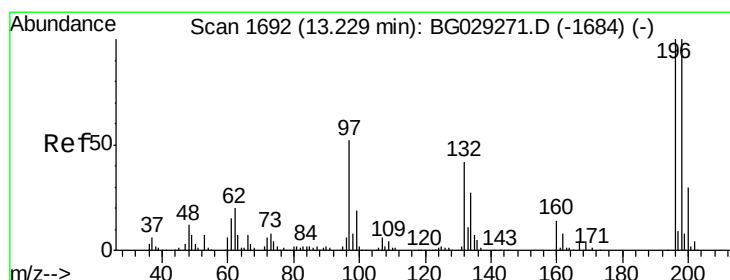
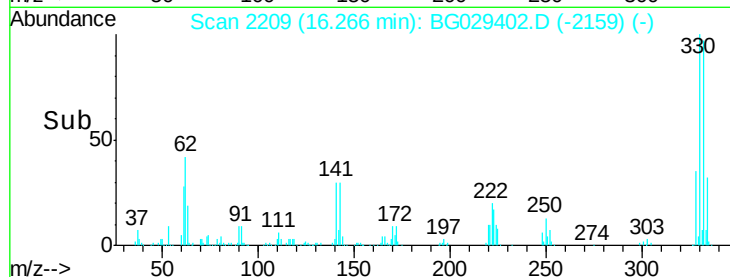
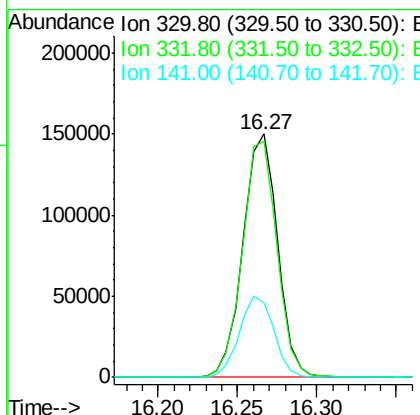
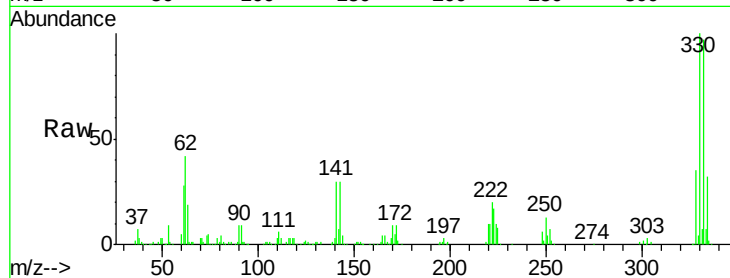




#41
 2,4,6-Tribromophenol
 Concen: 102.27 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG029402.D
 Acq: 23 Oct 2017 16:53

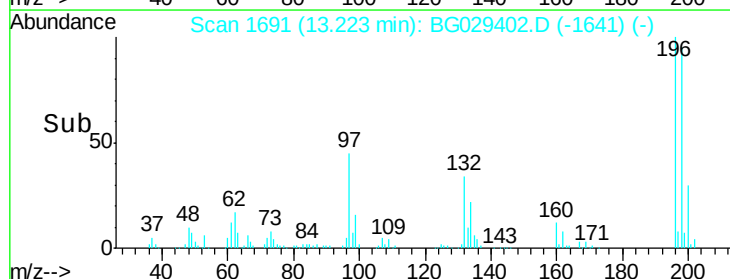
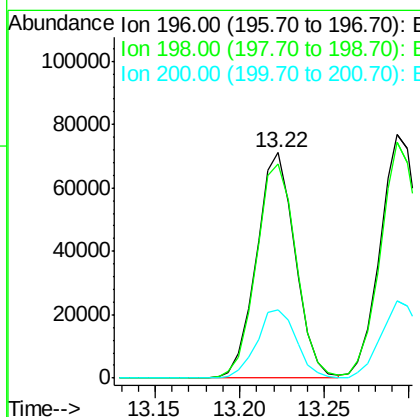
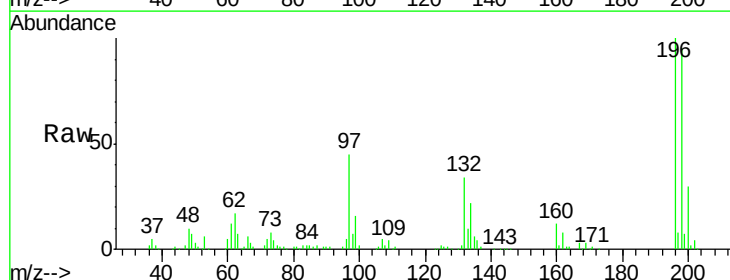
Instrument :
 BNA_G
 ClientSampleId :
 PB103551BS

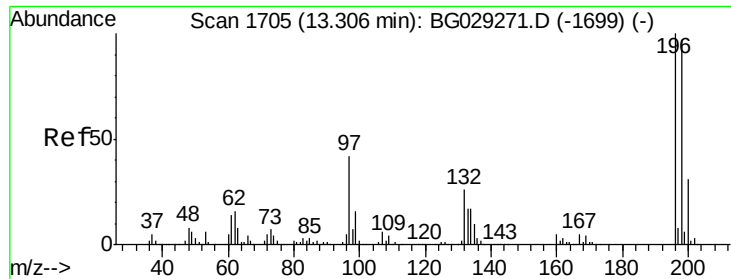
Tot Ion:330 Resp: 227741
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 33.5 25.2 37.8



#42
 2,4,6-Trichlorophenol
 Concen: 28.60 ng
 RT: 13.22 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG029402.D
 Acq: 23 Oct 2017 16:53

Tgt Ion:196 Resp: 113068
 Ion Ratio Lower Upper
 196 100
 198 94.9 78.2 117.2
 200 30.2 24.6 36.8

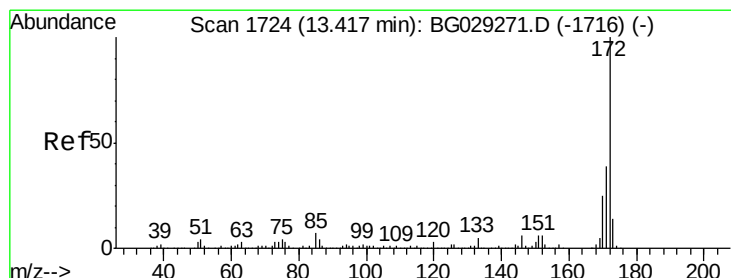
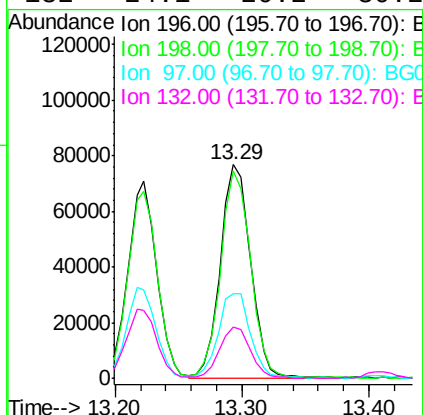
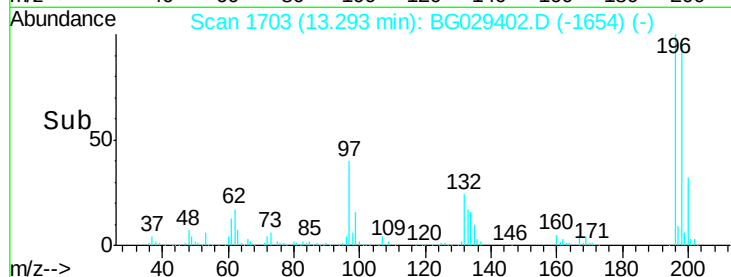
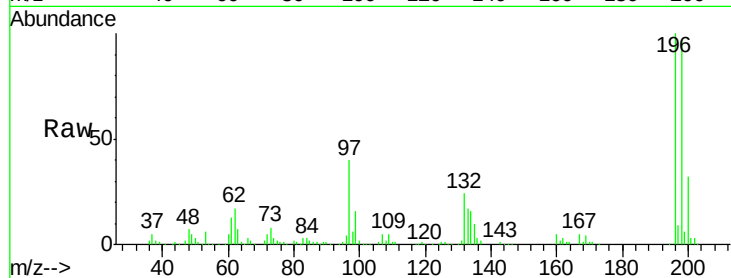




#43
 2,4,5-Trichlorophenol
 Concen: 31.23 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG029402.D
 Acq: 23 Oct 2017 16:53

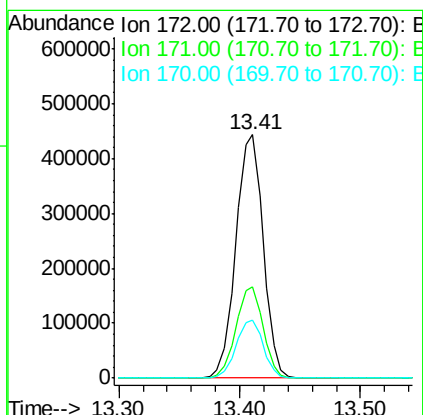
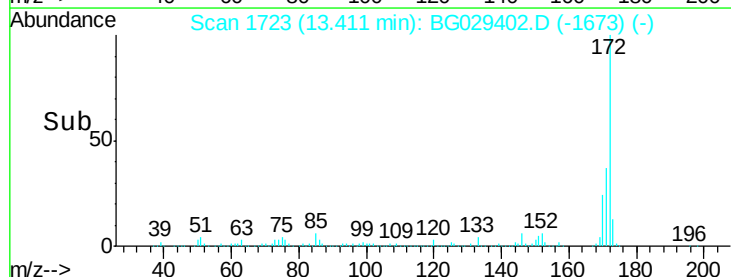
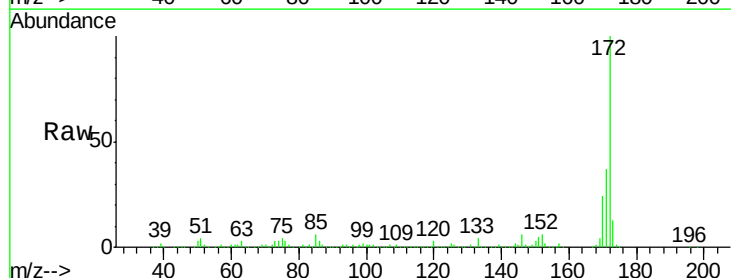
Instrument :
 BNA_G
 ClientSampleId :
 PB103551BS

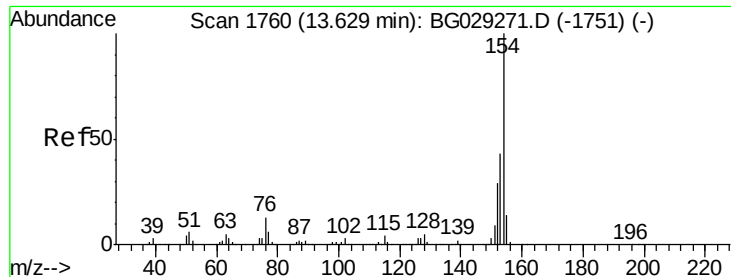
Tot Ion:196 Resp: 126782
 Ion Ratio Lower Upper
 196 100
 198 97.0 76.2 114.4
 97 39.8 38.7 58.1
 132 24.1 20.2 30.2



#44
 2-Fluorobiphenyl
 Concen: 59.45 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG029402.D
 Acq: 23 Oct 2017 16:53

Tgt Ion:172 Resp: 699179
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.0 45.0
 170 23.9 19.5 29.3





#45

1,1'-Biphenyl

Concen: 25.22 ng

RT: 13.62 min Scan# 1759

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Instrument :

BNA_G

ClientSampleId :

PB103551BS

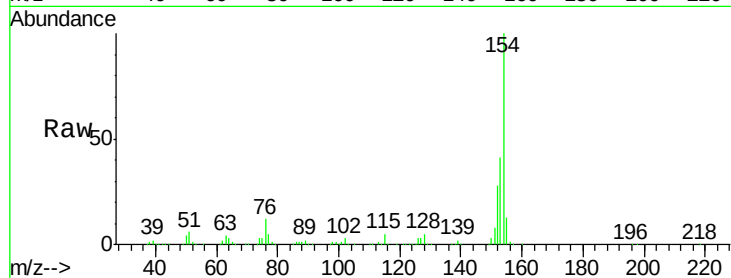
Tot Ion:154 Resp: 373942

Ion Ratio Lower Upper

154 100

153 40.6 19.8 59.8

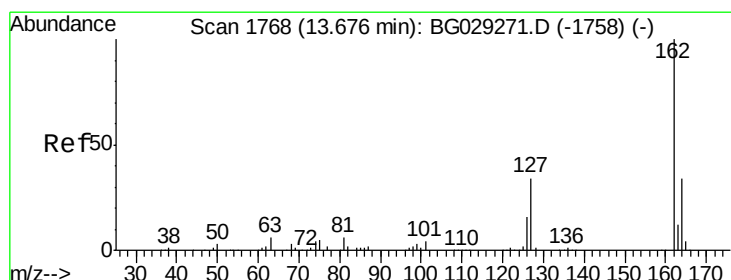
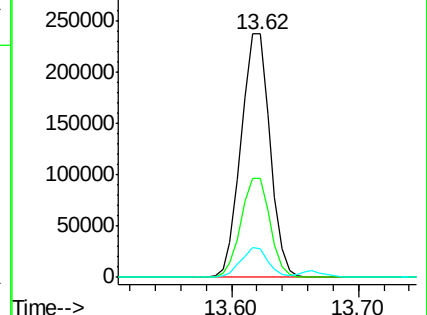
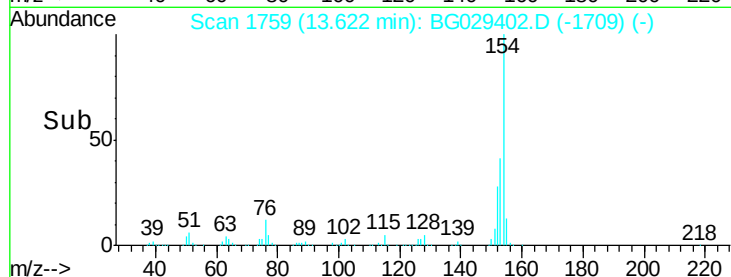
76 11.7 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 26.90 ng

RT: 13.66 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

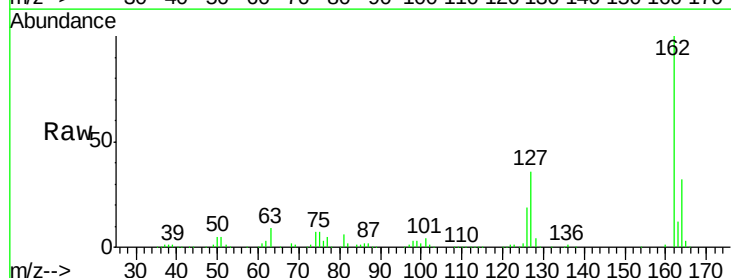
Tgt Ion:162 Resp: 290917

Ion Ratio Lower Upper

162 100

127 36.2 30.7 46.1

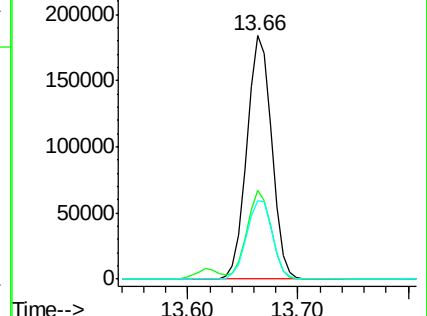
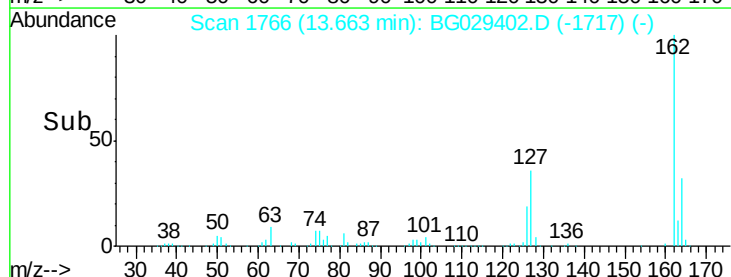
164 32.2 26.0 39.0

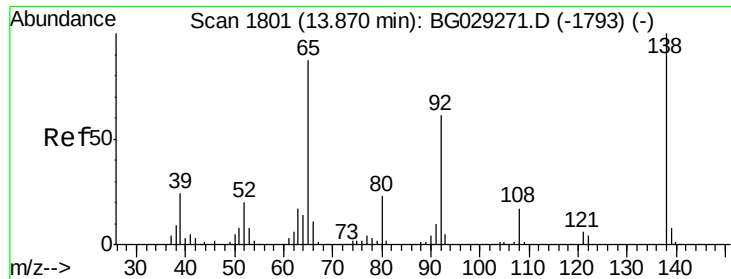


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 30.40 ng

RT: 13.86 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Instrument :

BNA_G

ClientSampleId :

PB103551BS

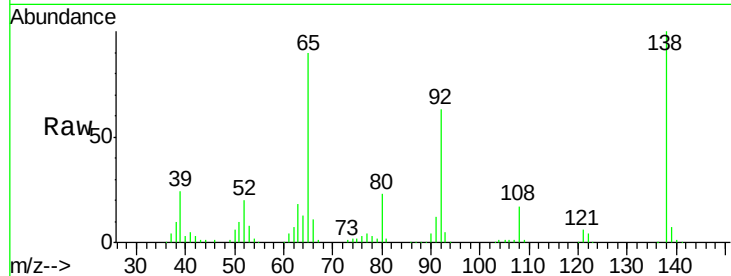
Tot Ion: 65 Resp: 90279

Ion Ratio Lower Upper

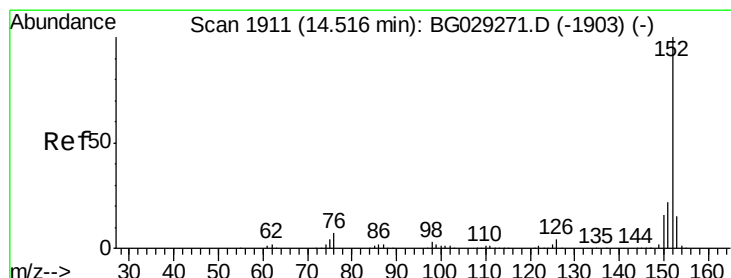
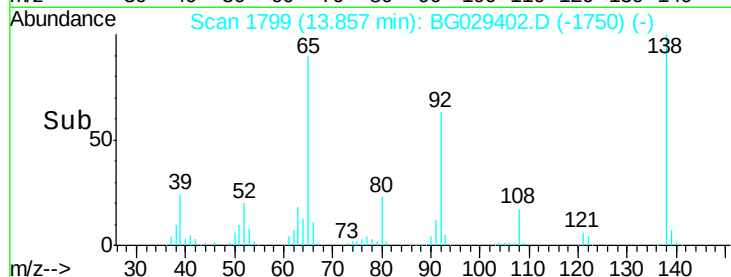
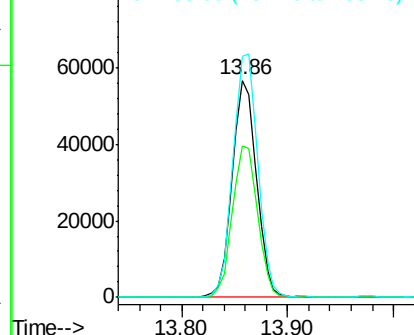
65 100

92 70.1 54.6 82.0

138 111.4 72.9 109.3#



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: 27.74 ng

RT: 14.50 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

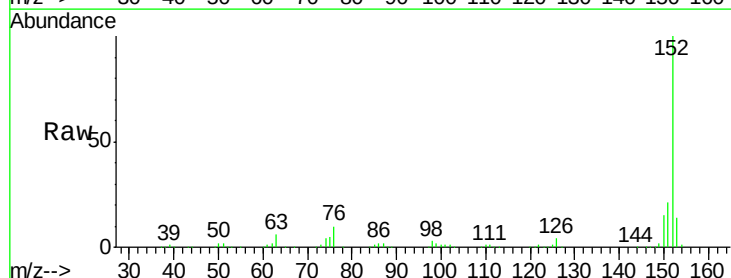
Tgt Ion: 152 Resp: 469405

Ion Ratio Lower Upper

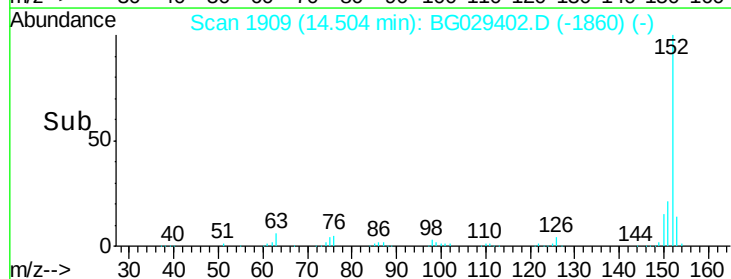
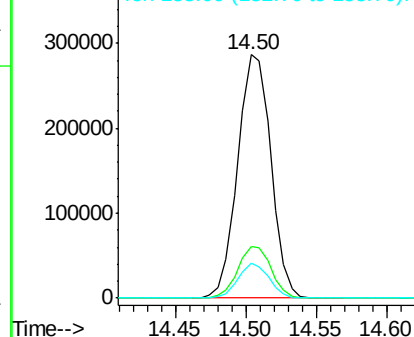
152 100

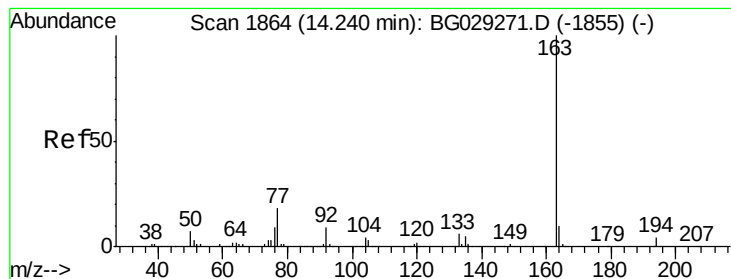
151 21.3 17.2 25.8

153 14.3 10.2 15.4



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: 30.24 ng

RT: 14.23 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Instrument :

BNA_G

ClientSampleId :

PB103551BS

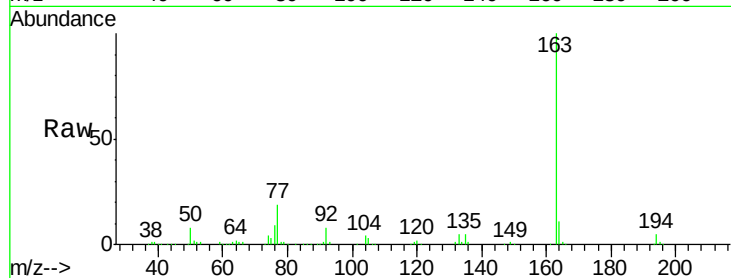
Tot Ion:163 Resp: 406961

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

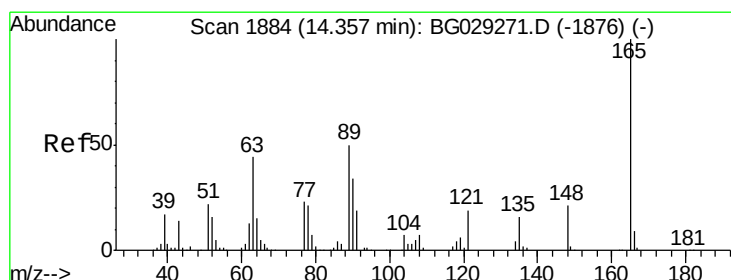
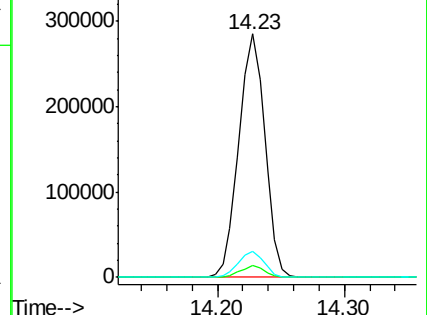
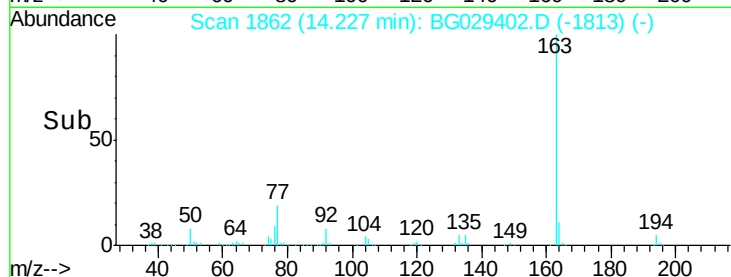
164 10.5 8.2 12.4



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: 31.16 ng

RT: 14.35 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

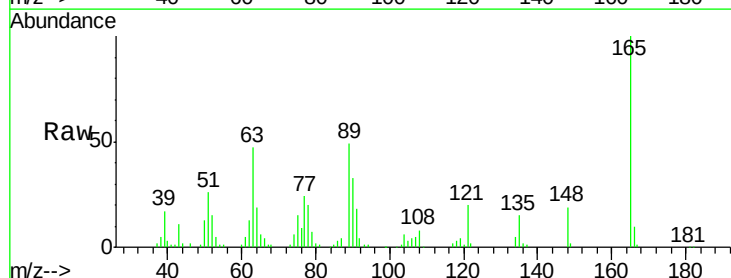
Tgt Ion:165 Resp: 87916

Ion Ratio Lower Upper

165 100

63 47.0 52.7 79.1#

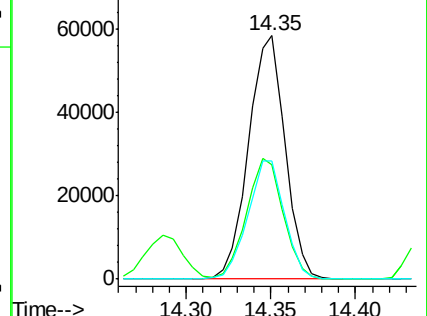
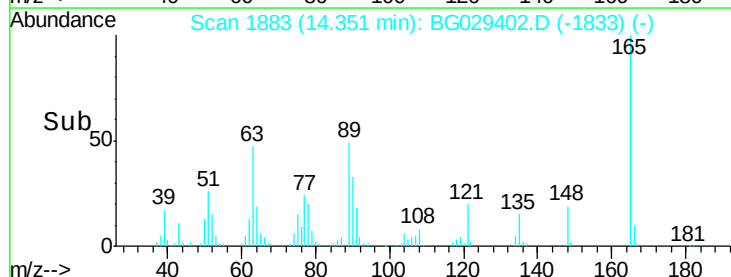
89 48.6 49.2 73.8#

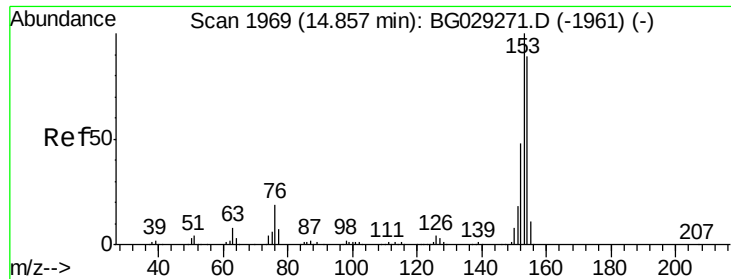


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 28.10 ng

RT: 14.84 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Instrument :

BNA_G

ClientSampleId :

PB103551BS

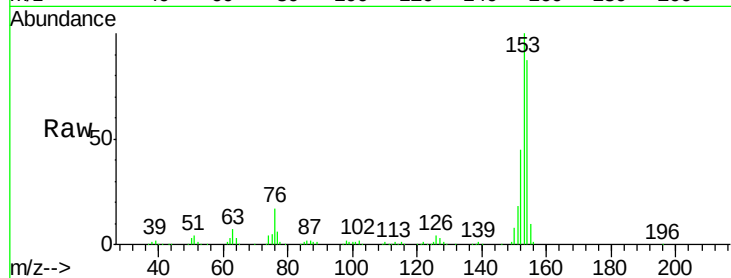
Tot Ion:154 Resp: 309410

Ion Ratio Lower Upper

154 100

153 115.2 90.4 135.6

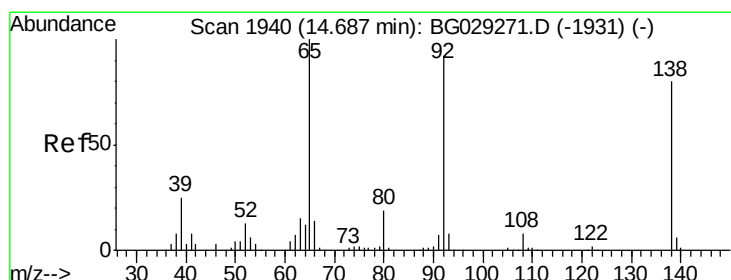
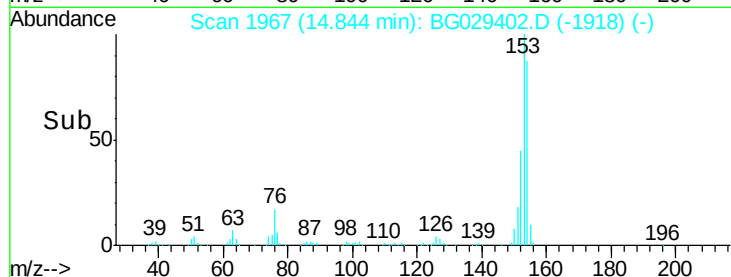
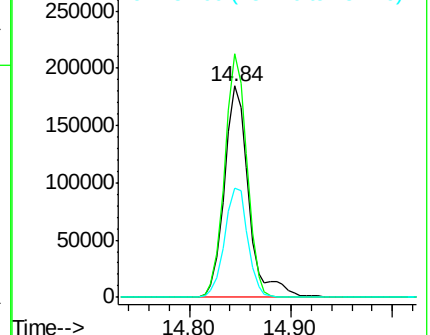
152 51.4 41.6 62.4



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: 21.56 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

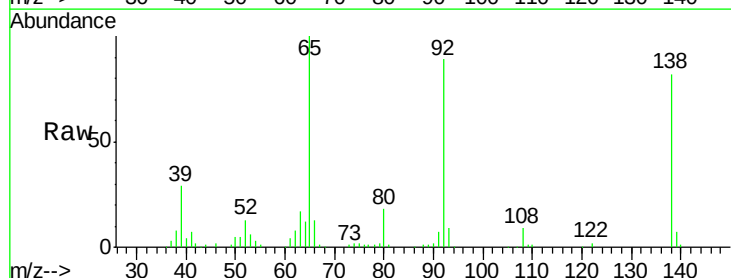
Tgt Ion:138 Resp: 65638

Ion Ratio Lower Upper

138 100

108 10.7 17.5 26.3#

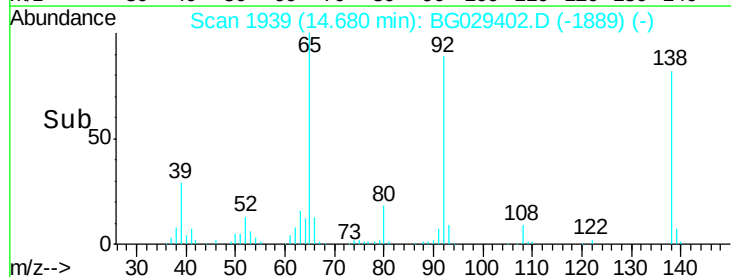
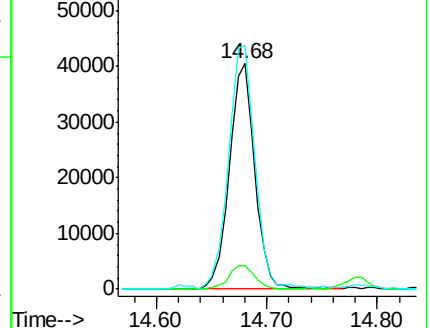
92 108.0 105.8 158.8

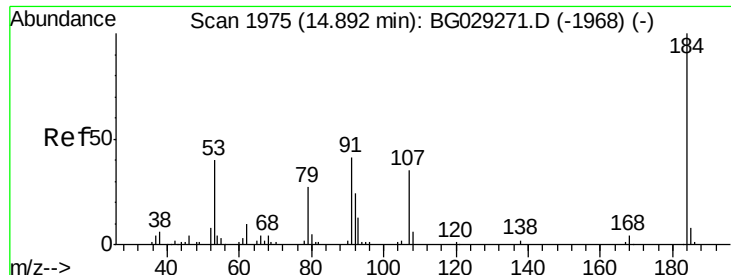


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

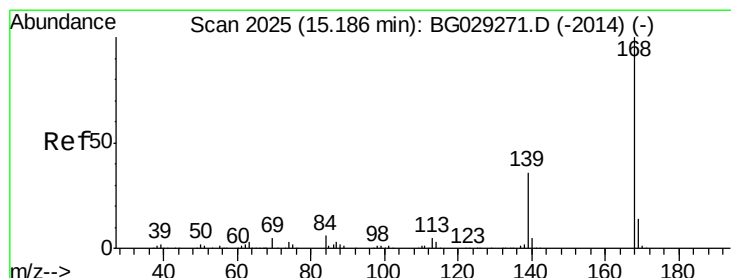
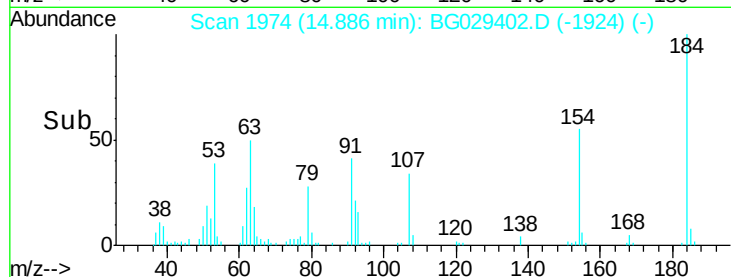
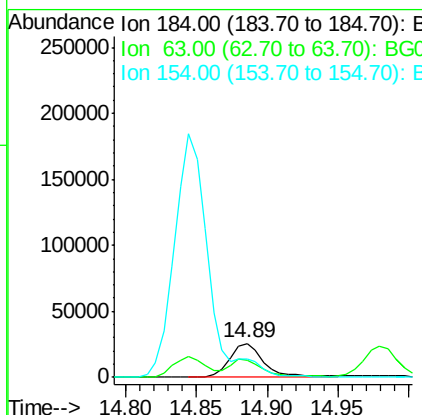
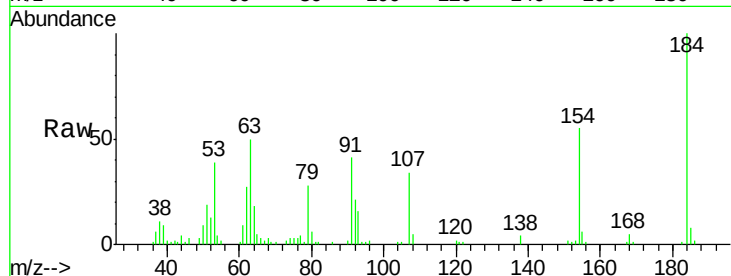




#53
2,4-Dinitrophenol
Concen: 32.64 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

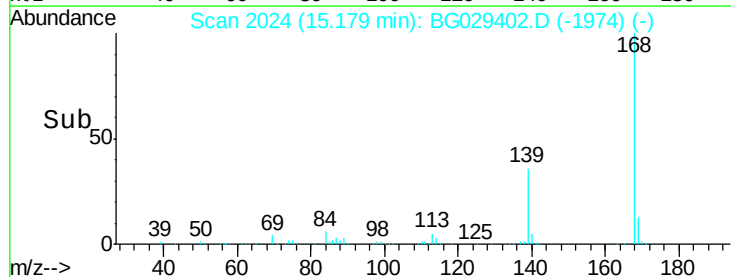
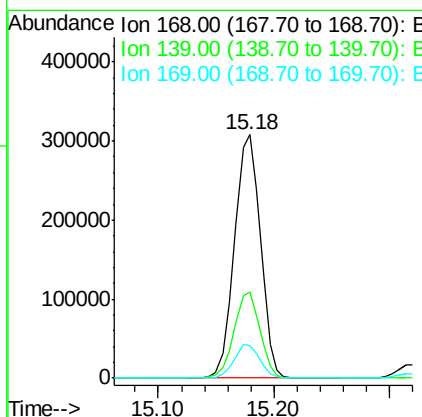
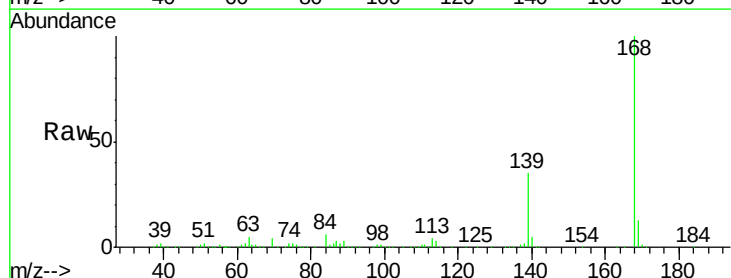
Instrument :
BNA_G
ClientSampleId :
PB103551BS

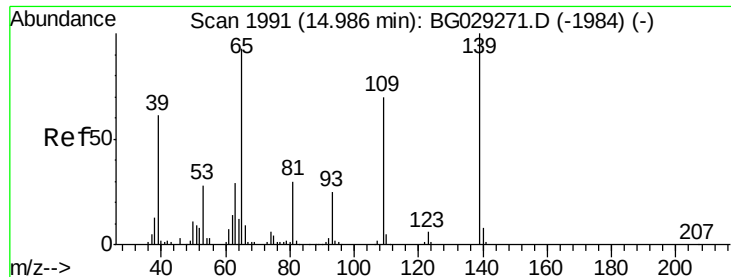
Tot Ion:184 Resp: 44051
Ion Ratio Lower Upper
184 100
63 50.3 59.8 89.8#
154 54.5 101.8 152.8#



#54
Dibenzofuran
Concen: 30.39 ng
RT: 15.18 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Tgt Ion:168 Resp: 477757
Ion Ratio Lower Upper
168 100
139 35.4 28.6 43.0
169 13.4 11.2 16.8

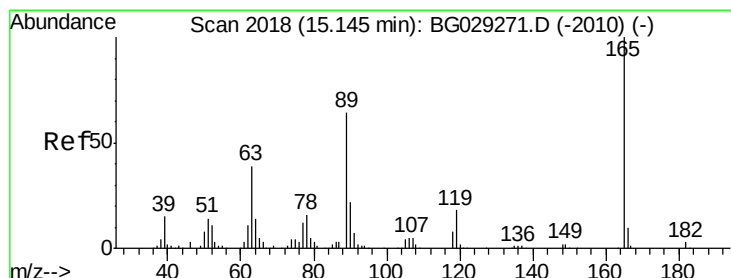
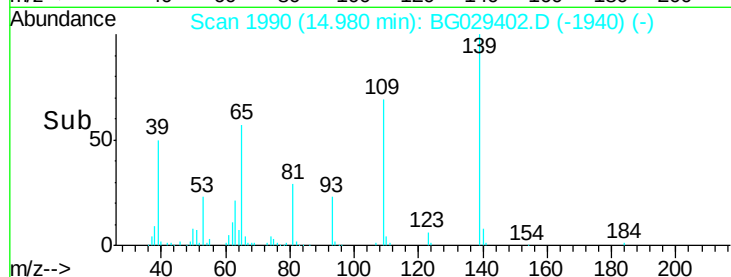
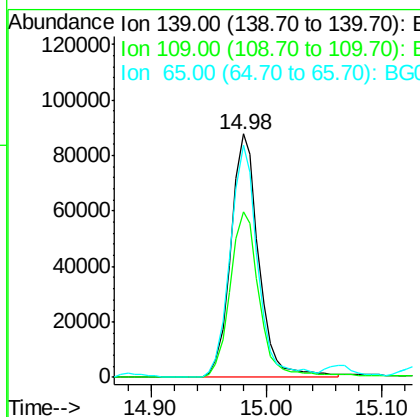
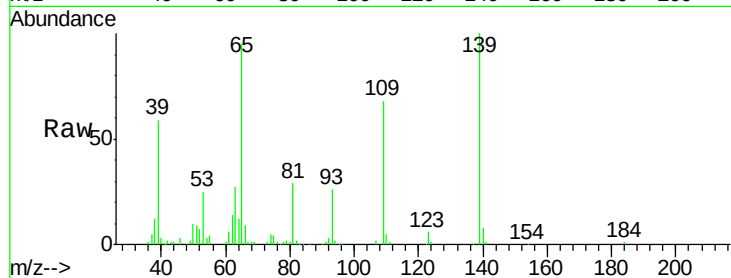




#55
4-Nitrophenol
Concen: 58.76 ng
RT: 14.98 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

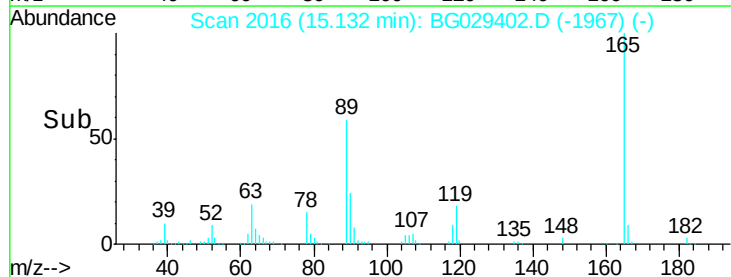
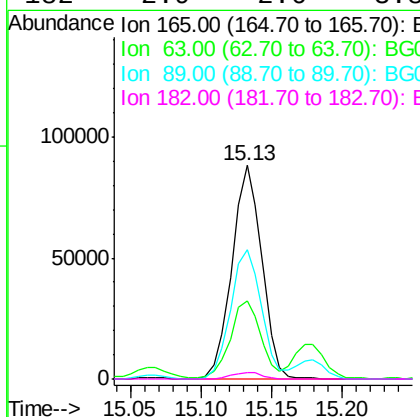
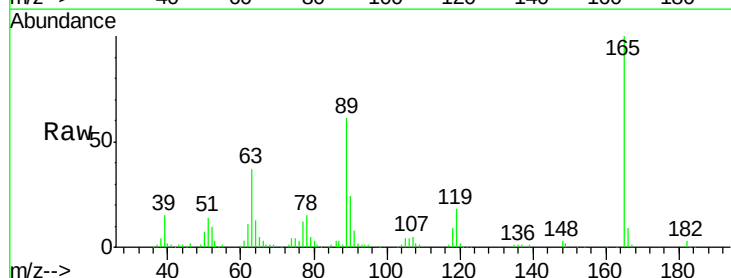
Instrument :
BNA_G
ClientSampleId :
PB103551BS

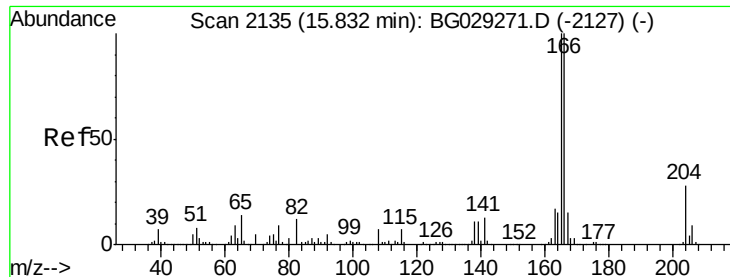
Tot Ion:139 Resp: 147467
Ion Ratio Lower Upper
139 100
109 67.9 62.2 102.2
65 95.4 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 33.96 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Tgt Ion:165 Resp: 129697
Ion Ratio Lower Upper
165 100
63 36.7 42.0 63.0#
89 60.5 66.9 100.3#
182 2.9 2.6 3.8





#57

Fluorene

Concen: 29.45 ng

RT: 15.83 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Instrument :

BNA_G

ClientSampleId :

PB103551BS

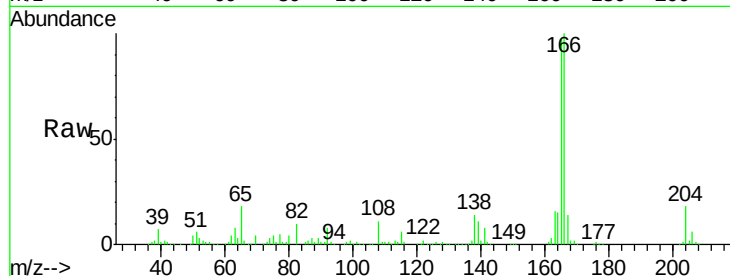
Tot Ion:166 Resp: 382468

Ion Ratio Lower Upper

166 100

165 97.1 80.6 121.0

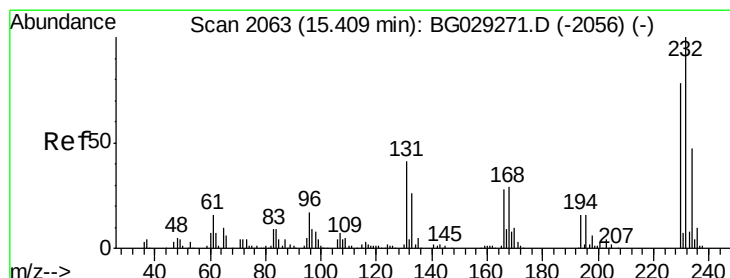
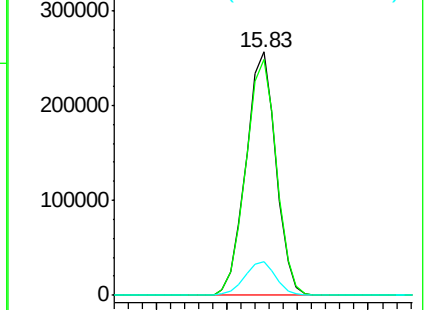
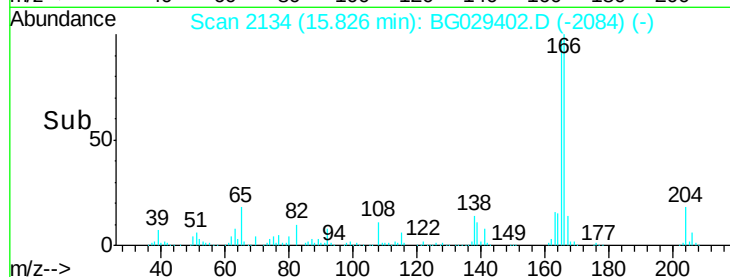
167 14.1 10.4 15.6



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: 36.44 ng

RT: 15.40 min Scan# 2062

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Tgt Ion:232 Resp: 123414

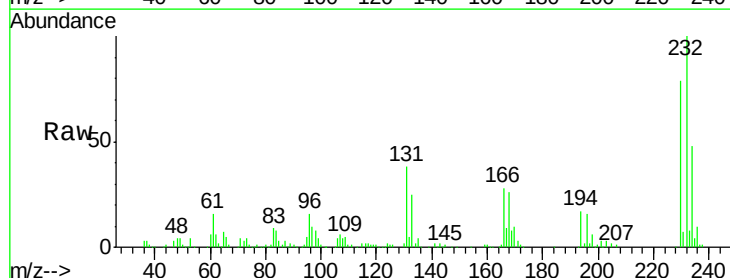
Ion Ratio Lower Upper

232 100

131 38.8 33.5 50.3

130 2.2 2.2 3.2

166 27.4 24.8 37.2

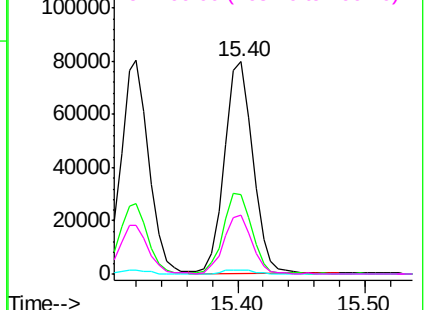
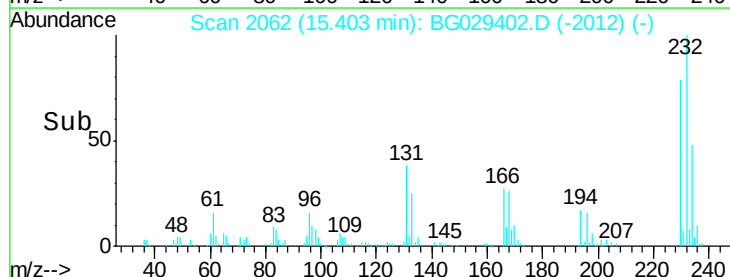


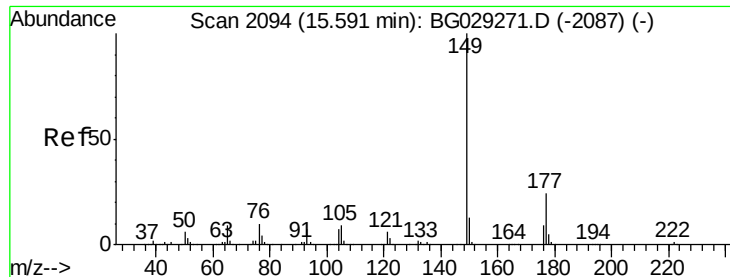
Abundance Ion 232.00 (231.70 to 232.70): E

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

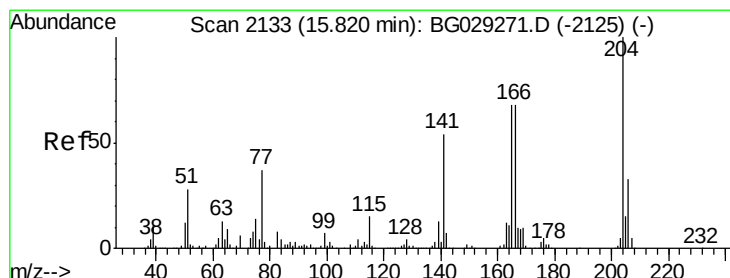
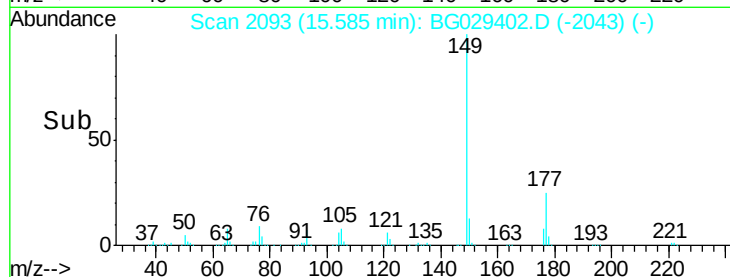
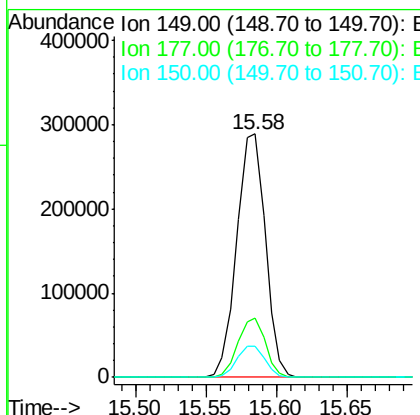
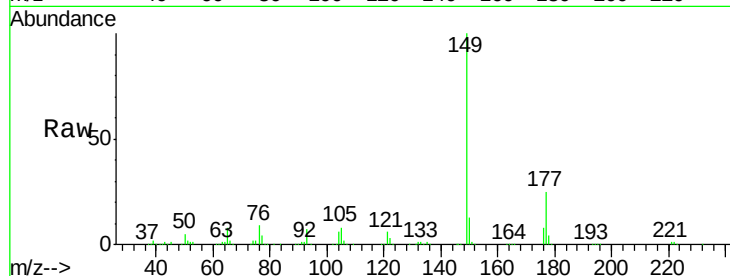




#59
Diethylphthalate
Concen: 30.63 ng
RT: 15.58 min Scan# 2093
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

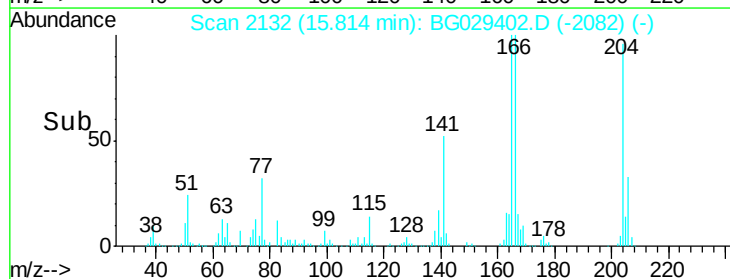
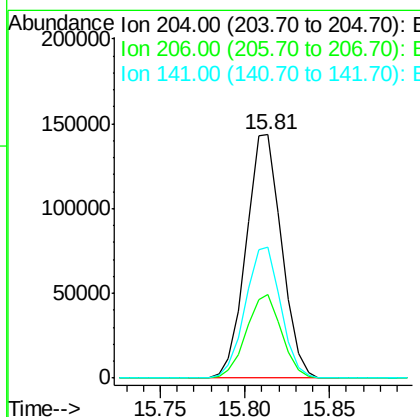
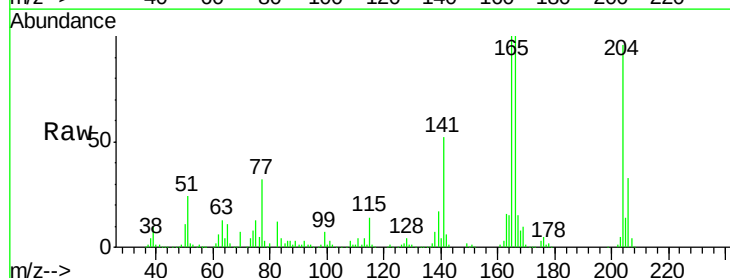
Instrument :
BNA_G
ClientSampleId :
PB103551BS

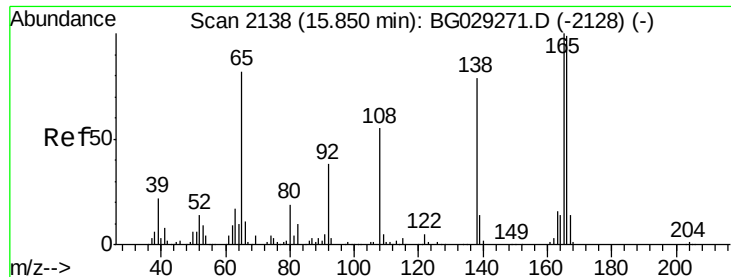
Tot Ion:149 Resp: 410751
Ion Ratio Lower Upper
149 100
177 24.6 18.5 27.7
150 12.6 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 30.27 ng
RT: 15.81 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Tgt Ion:204 Resp: 209567
Ion Ratio Lower Upper
204 100
206 34.6 26.2 39.2
141 53.9 45.8 68.6

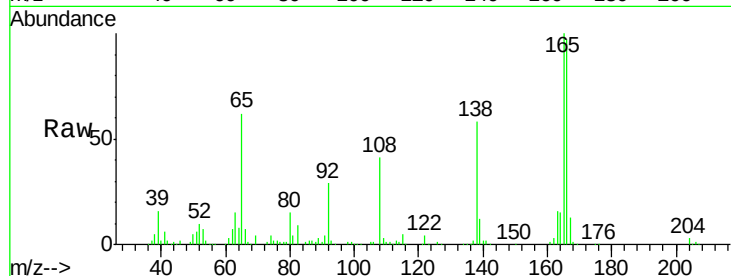




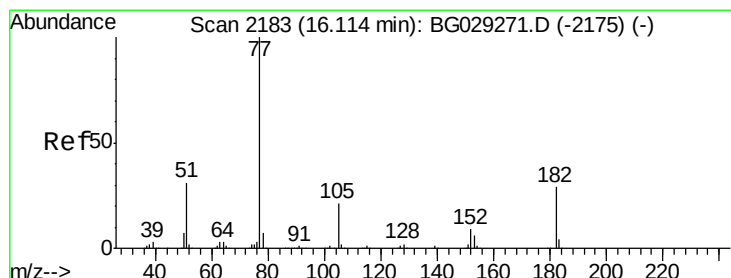
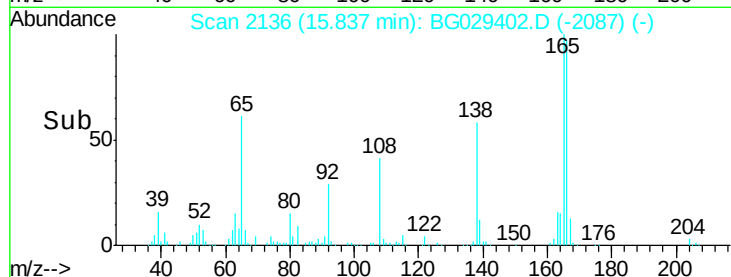
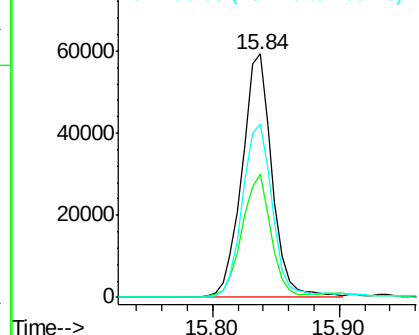
#61
4-Nitroaniline
Concen: 31.13 ng
RT: 15.84 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Instrument :
BNA_G
ClientSampleId :
PB103551BS

Tot Ion:138 Resp: 97302
Ion Ratio Lower Upper
138 100
92 50.6 40.1 80.1
108 71.3 65.4 105.4

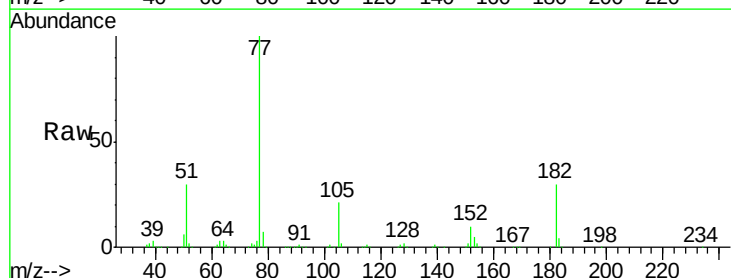


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

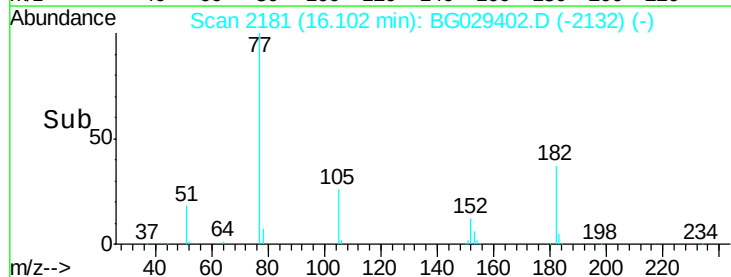
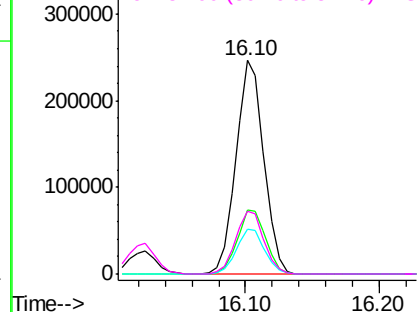


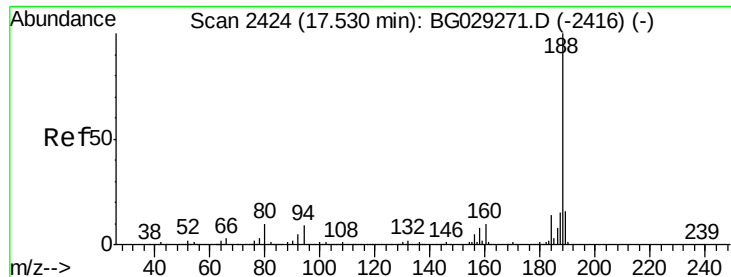
#62
Azobenzene
Concen: 31.40 ng
RT: 16.10 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Tgt Ion: 77 Resp: 355079
Ion Ratio Lower Upper
77 100
182 29.8 7.4 47.4
105 20.7 0.3 40.3
51 29.6 11.6 51.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC

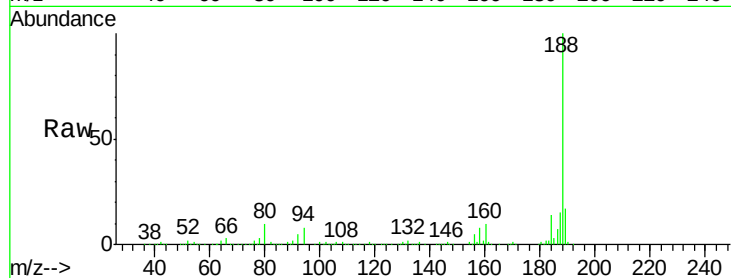




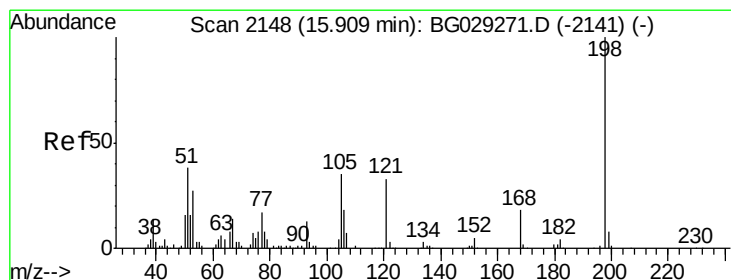
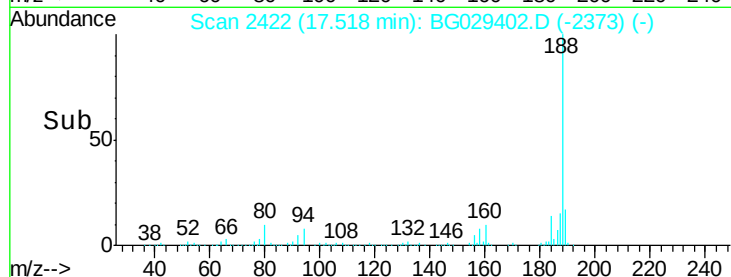
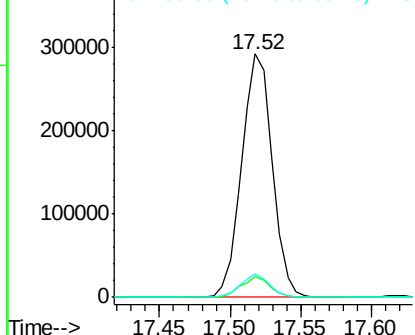
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Instrument :
BNA_G
ClientSampleId :
PB103551BS

Tot Ion:188 Resp: 442564
Ion Ratio Lower Upper
188 100
94 8.4 6.9 10.3
80 9.7 7.7 11.5

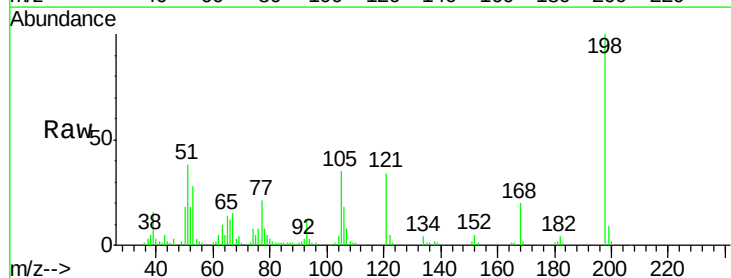


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

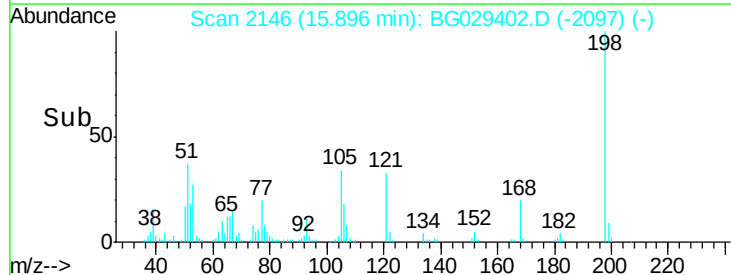
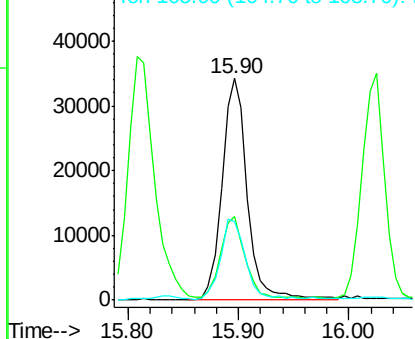


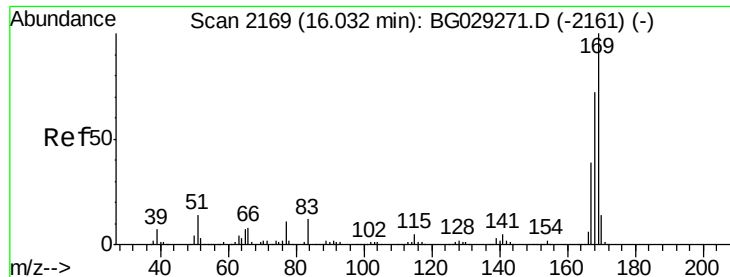
#64
4,6-Dinitro-2-methylphenol
Concen: 24.43 ng
RT: 15.90 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Tgt Ion:198 Resp: 54599
Ion Ratio Lower Upper
198 100
51 37.9 30.6 70.6
105 35.5 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 26.78 ng

RT: 16.03 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Instrument :

BNA_G

ClientSampleId :

PB103551BS

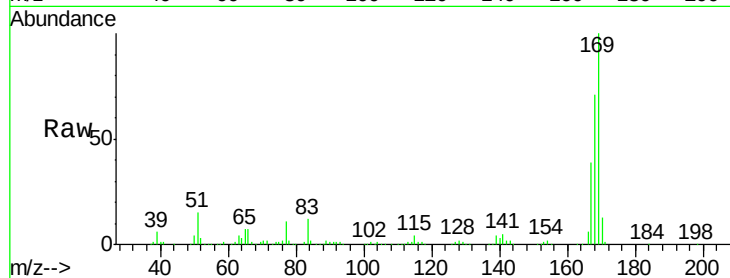
Tot Ion:169 Resp: 354968

Ion Ratio Lower Upper

169 100

168 71.3 55.7 83.5

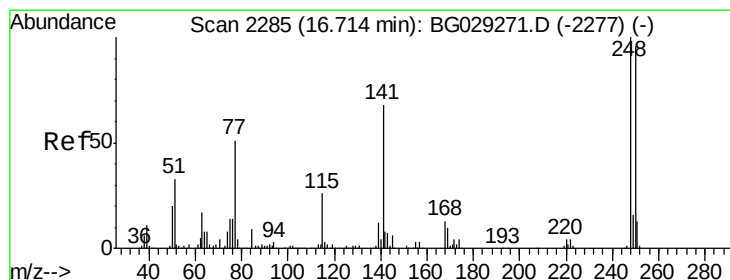
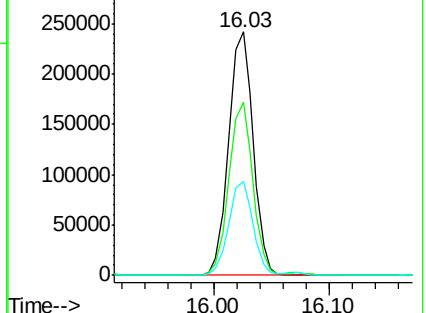
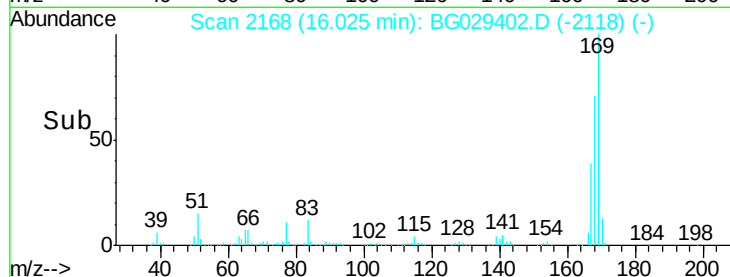
167 38.7 30.1 45.1



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: 27.61 ng

RT: 16.71 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

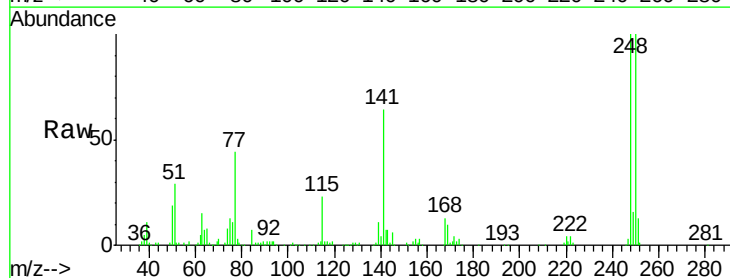
Tgt Ion:248 Resp: 140214

Ion Ratio Lower Upper

248 100

250 99.8 77.1 115.7

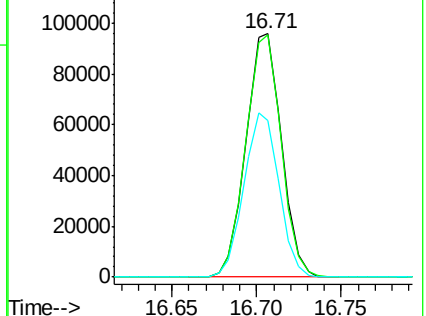
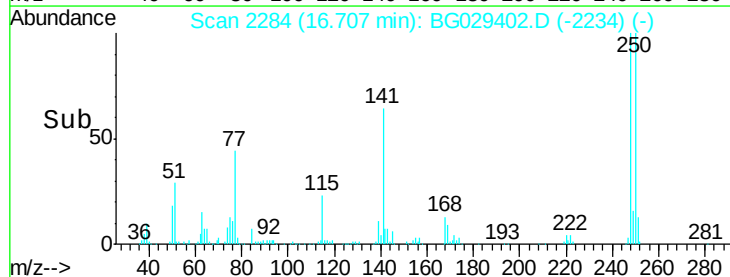
141 64.3 50.8 76.2

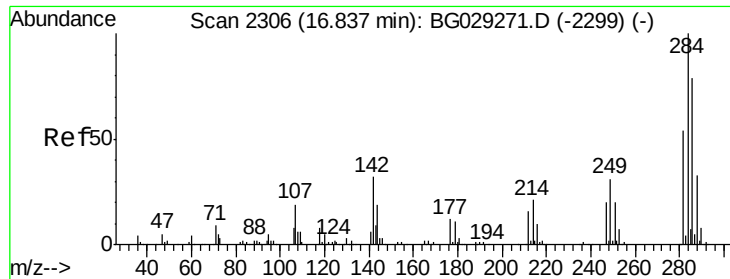


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 26.32 ng

RT: 16.82 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Instrument :

BNA_G

ClientSampleId :

PB103551BS

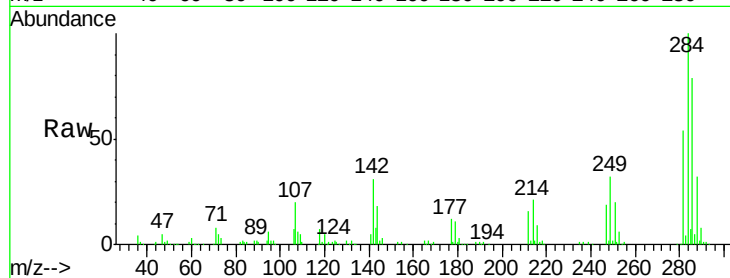
Tot Ion:284 Resp: 151404

Ion Ratio Lower Upper

284 100

142 30.9 26.8 40.2

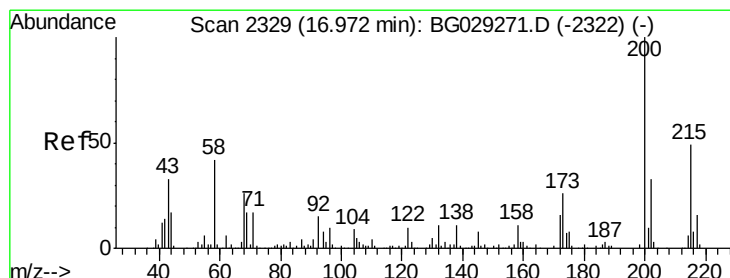
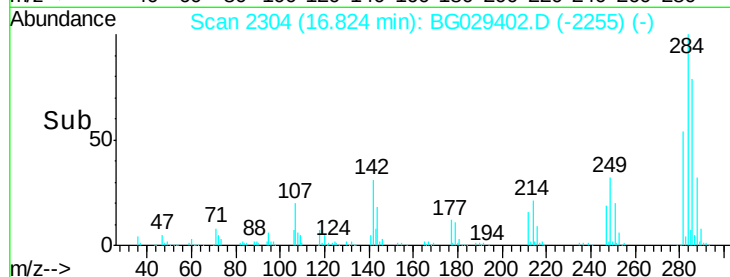
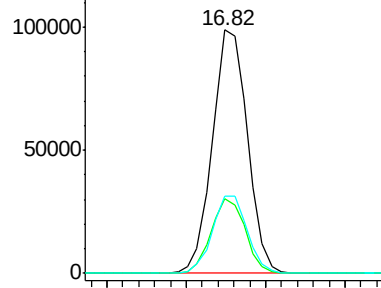
249 31.9 26.3 39.5



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: 30.65 ng

RT: 16.97 min Scan# 2328

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

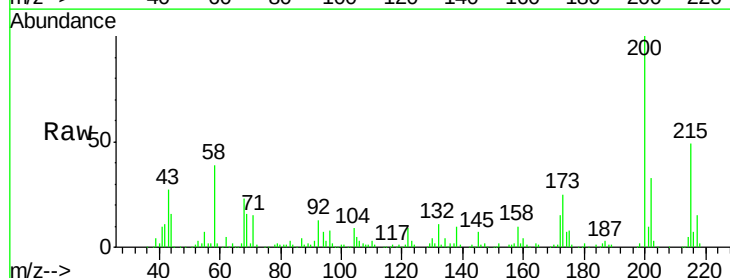
Tgt Ion:200 Resp: 144993

Ion Ratio Lower Upper

200 100

173 25.2 5.2 45.2

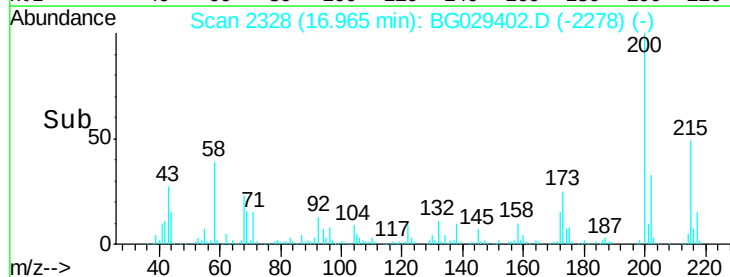
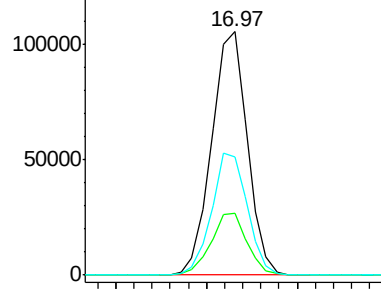
215 48.7 30.4 70.4

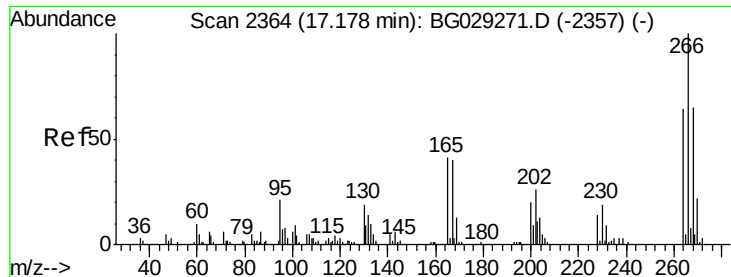


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

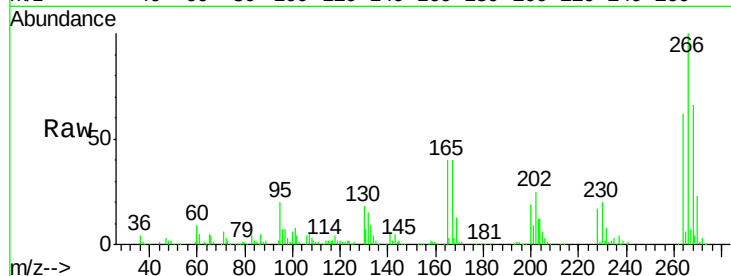




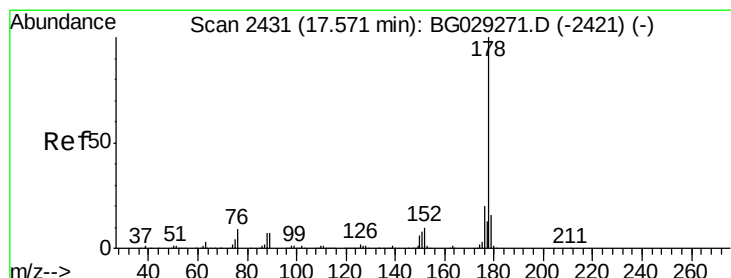
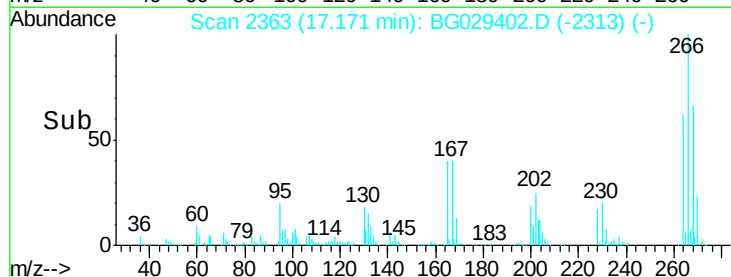
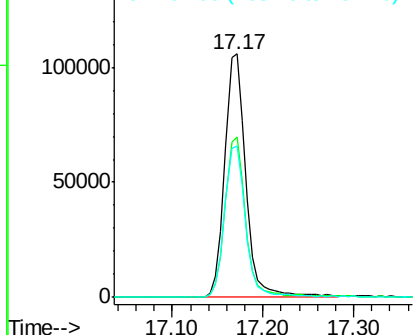
#69
 Pentachlorophenol
 Concen: 51.91 ng
 RT: 17.17 min Scan# 2363
 Delta R.T. -0.01 min
 Lab File: BG029402.D
 Acq: 23 Oct 2017 16:53

Instrument :
 BNA_G
 ClientSampleId :
 PB103551BS

Tot Ion:266 Resp: 171519
 Ion Ratio Lower Upper
 266 100
 268 66.0 51.1 76.7
 264 62.0 49.6 74.4

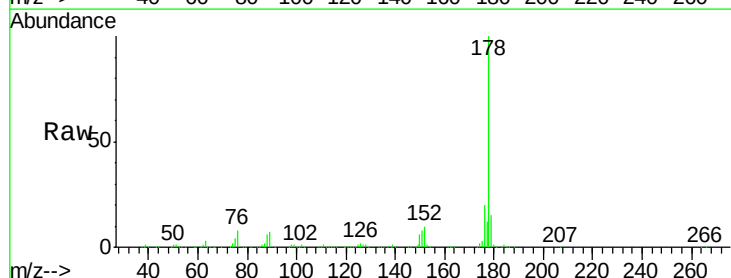


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

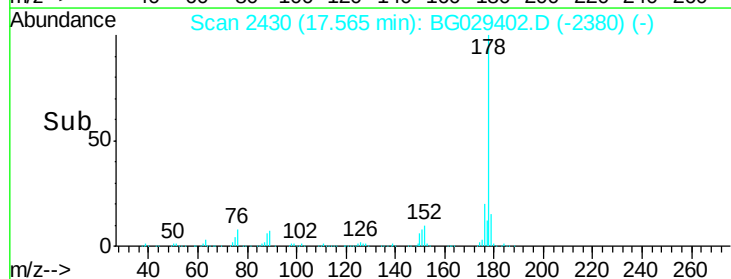
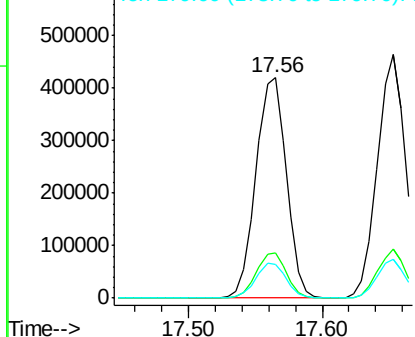


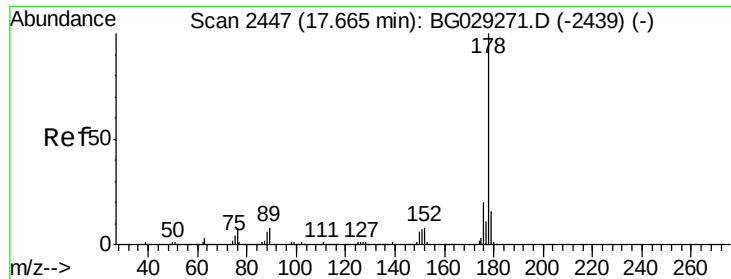
#70
 Phenanthrene
 Concen: 28.85 ng
 RT: 17.56 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BG029402.D
 Acq: 23 Oct 2017 16:53

Tgt Ion:178 Resp: 659668
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.7 23.5
 179 15.3 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

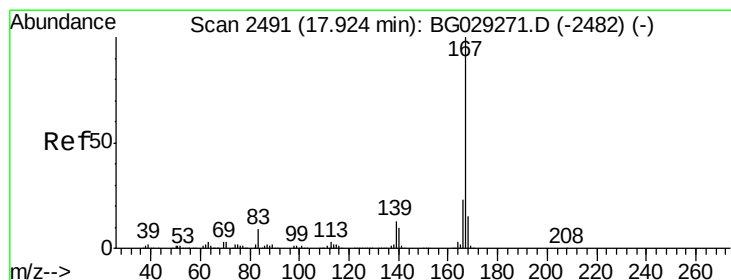
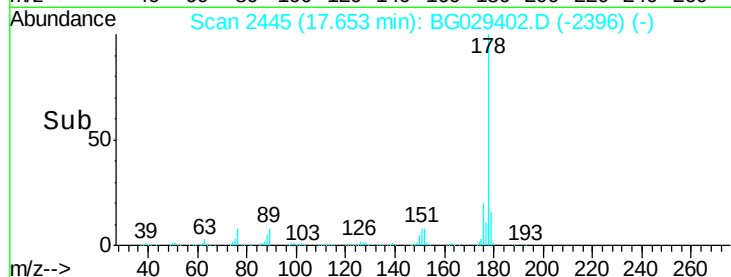
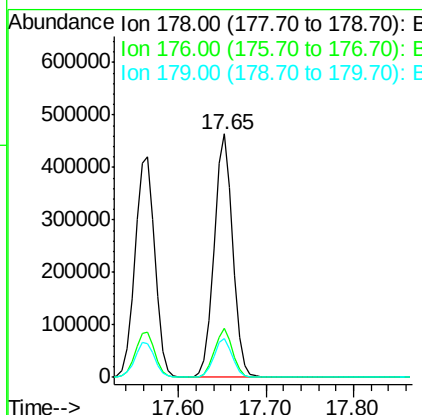
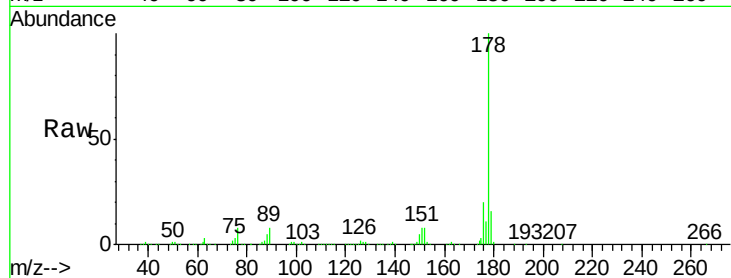




#71
 Anthracene
 Concen: 29.72 ng
 RT: 17.65 min Scan# 2445
 Delta R.T. -0.01 min
 Lab File: BG029402.D
 Acq: 23 Oct 2017 16:53

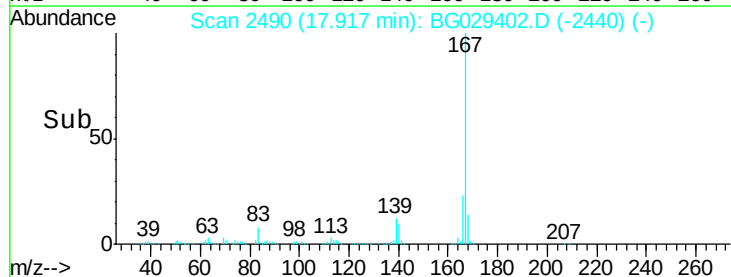
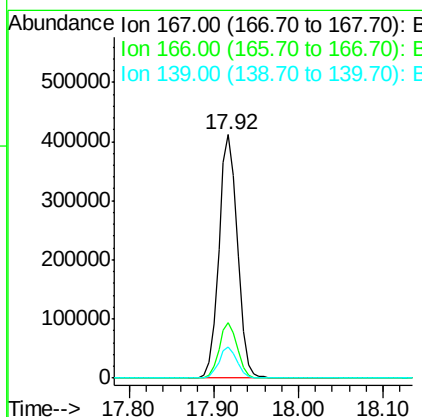
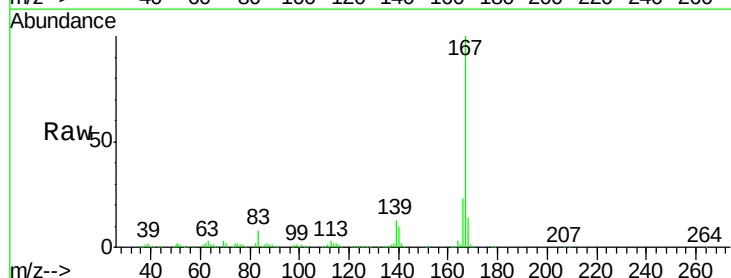
Instrument :
 BNA_G
 ClientSampleId :
 PB103551BS

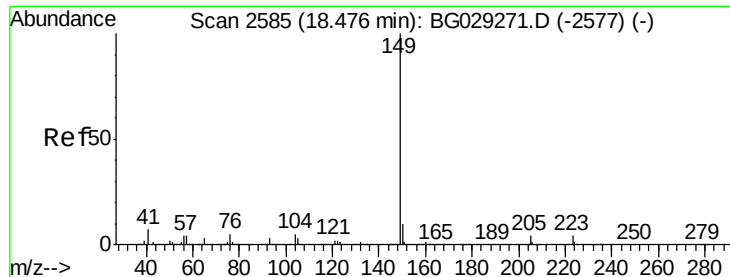
Tot Ion:178 Resp: 682196
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.0 24.0
 179 15.8 12.5 18.7



#72
 Carbazole
 Concen: 28.66 ng
 RT: 17.92 min Scan# 2490
 Delta R.T. -0.01 min
 Lab File: BG029402.D
 Acq: 23 Oct 2017 16:53

Tgt Ion:167 Resp: 632044
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.2 27.4
 139 12.5 9.4 14.2

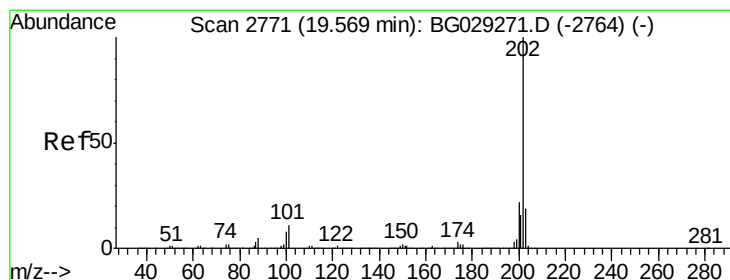
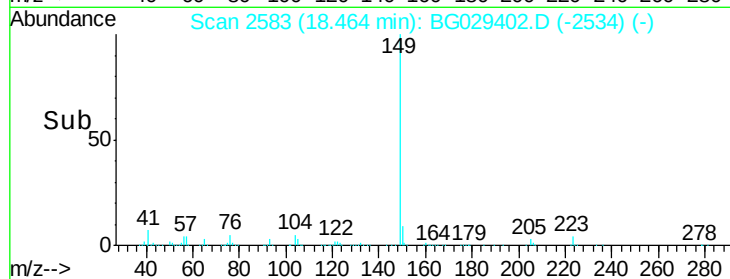
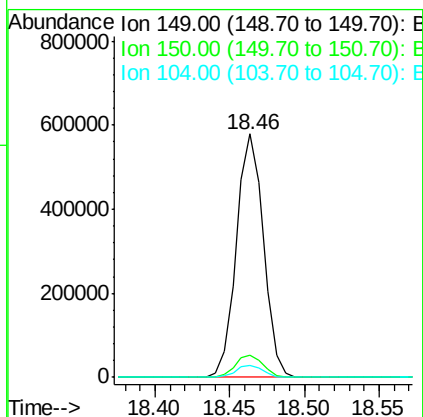
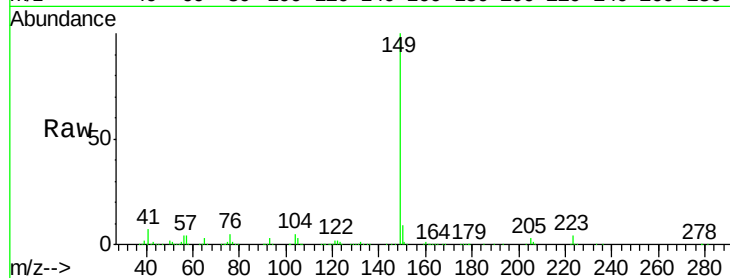




#73
Di-n-butylphthalate
Concen: 28.85 ng
RT: 18.46 min Scan# 2583
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

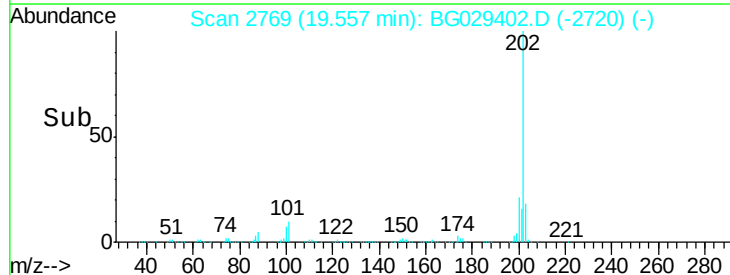
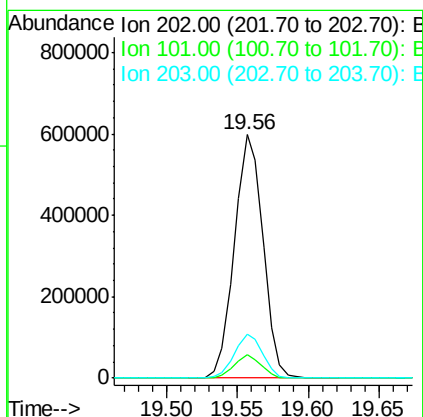
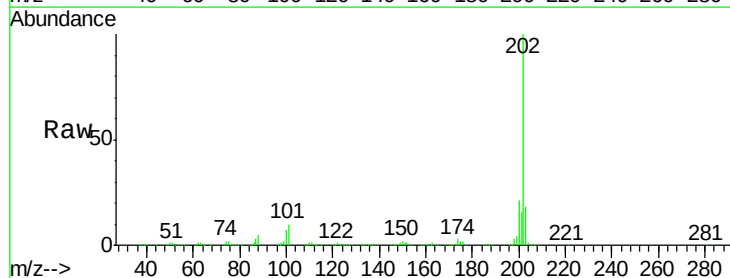
Instrument :
BNA_G
ClientSampleId :
PB103551BS

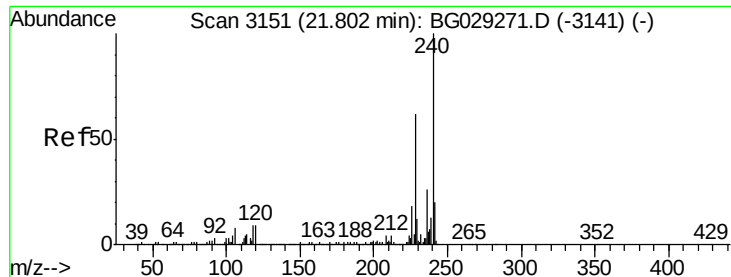
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.8	11.6
104	4.8	3.9	5.9



#74
Fluoranthene
Concen: 31.45 ng
RT: 19.56 min Scan# 2769
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	28.9
203	18.2	0.0	37.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Instrument :

BNA_G

ClientSampleId :

PB103551BS

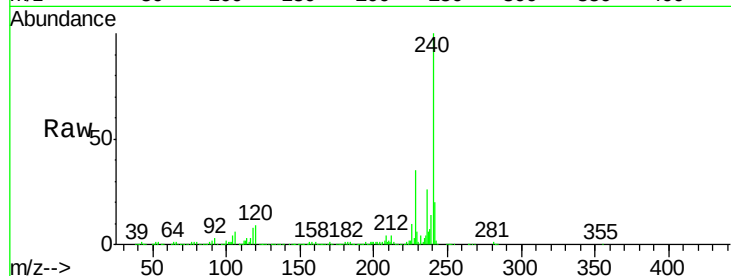
Tot Ion:240 Resp: 500330

Ion Ratio Lower Upper

240 100

120 8.6 6.8 10.2

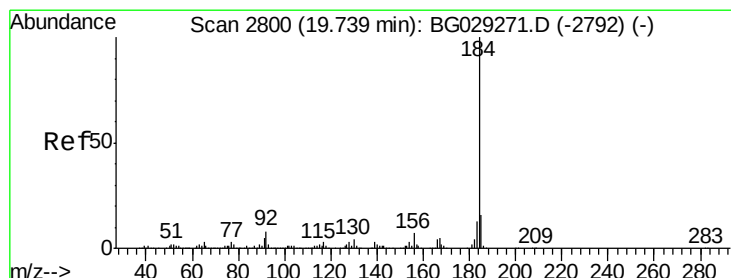
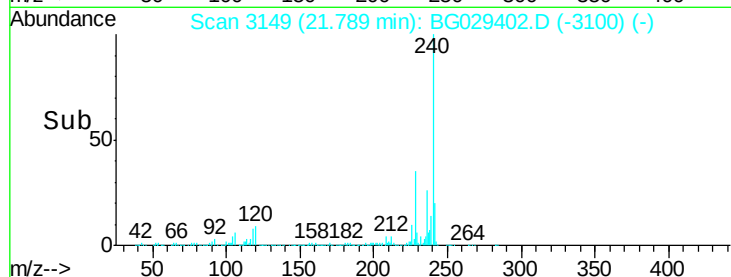
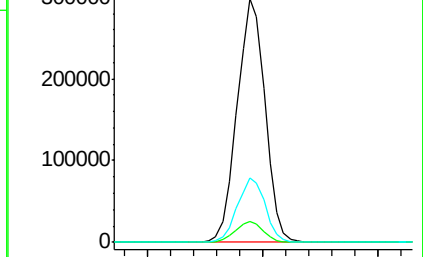
236 26.3 20.9 31.3



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: 21.63 ng

RT: 19.73 min Scan# 2798

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

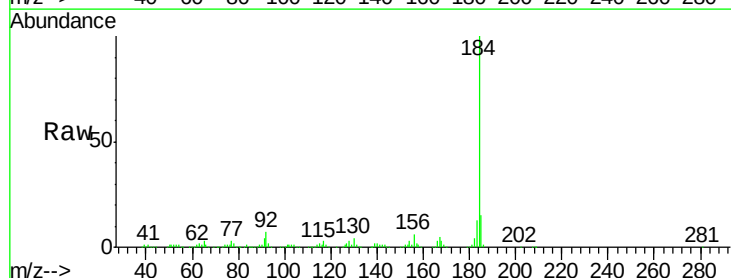
Tgt Ion:184 Resp: 326796

Ion Ratio Lower Upper

184 100

185 14.6 11.1 16.7

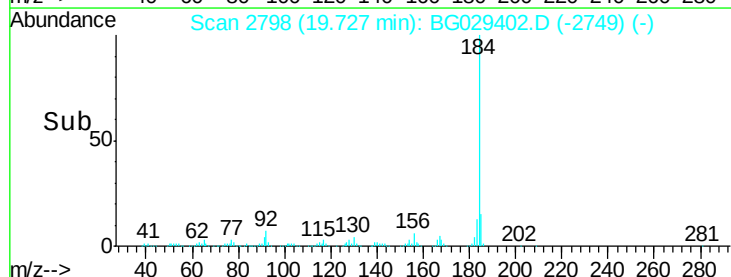
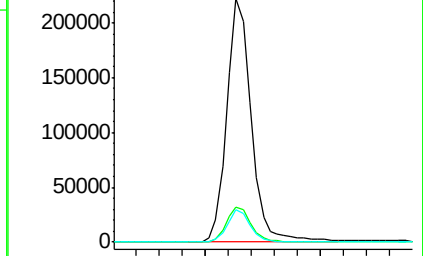
183 13.1 10.6 16.0

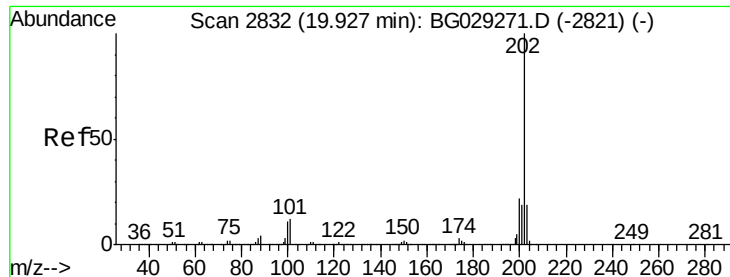


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

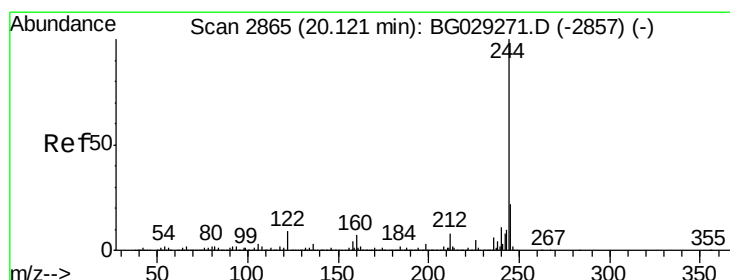
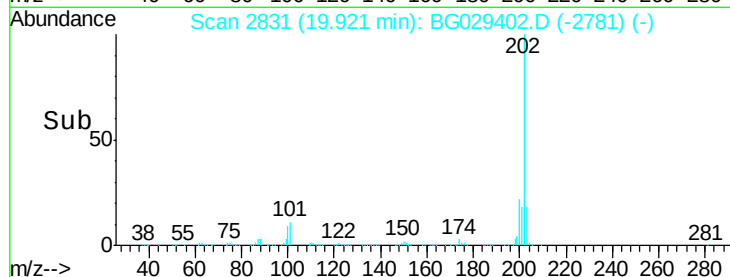
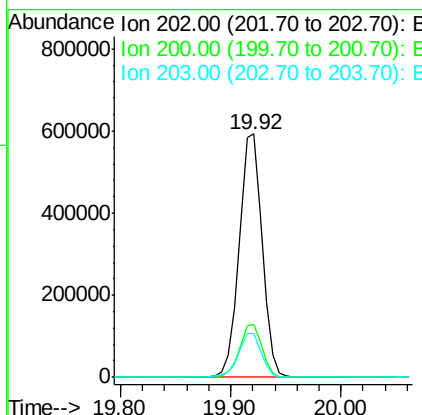
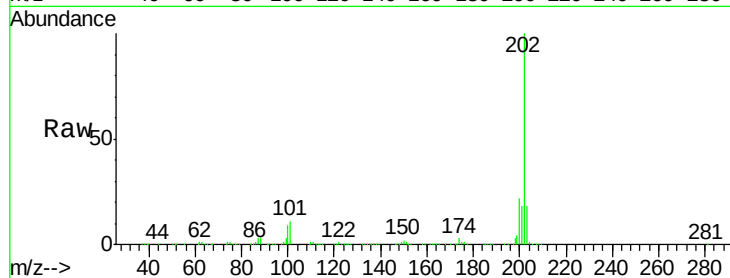




#77
Pvrene
Concen: 28.63 ng
RT: 19.92 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

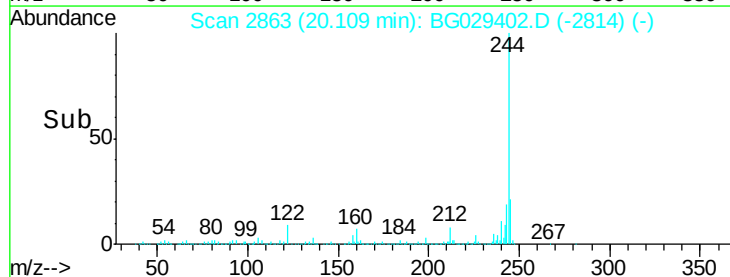
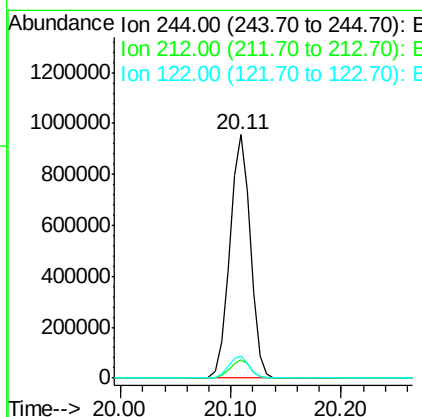
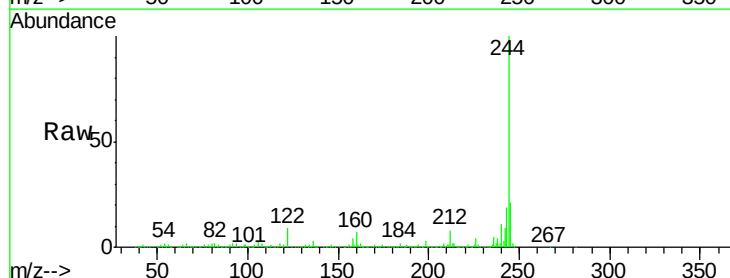
Instrument :
BNA_G
ClientSampleId :
PB103551BS

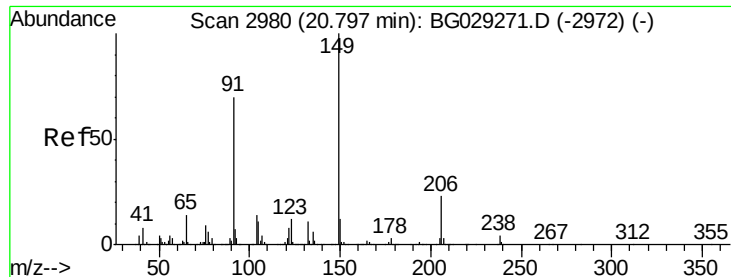
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.9	25.3
203	18.1	13.9	20.9



#78
Terphenyl-d14
Concen: 56.76 ng
RT: 20.11 min Scan# 2863
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	9.0	7.0	10.4

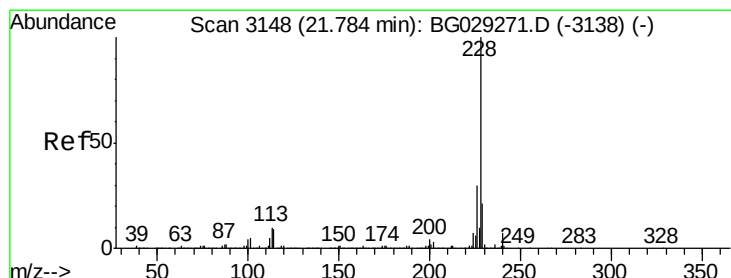
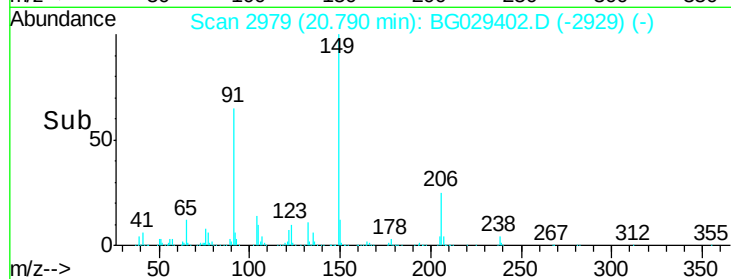
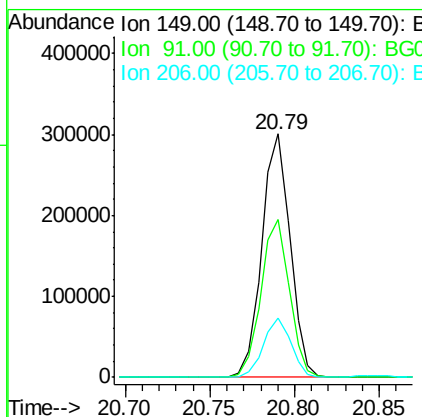
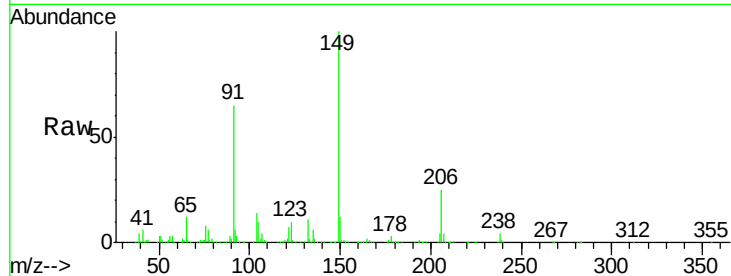




#79
Butylbenzylphthalate
Concen: 27.00 ng
RT: 20.79 min Scan# 2979
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

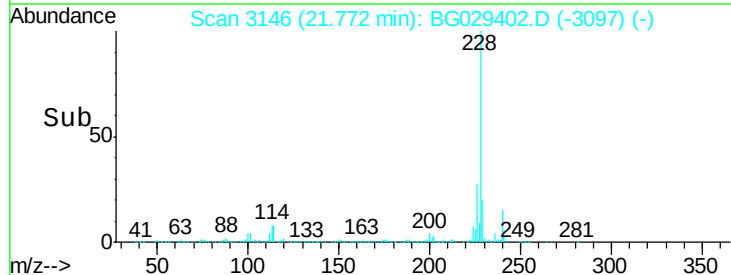
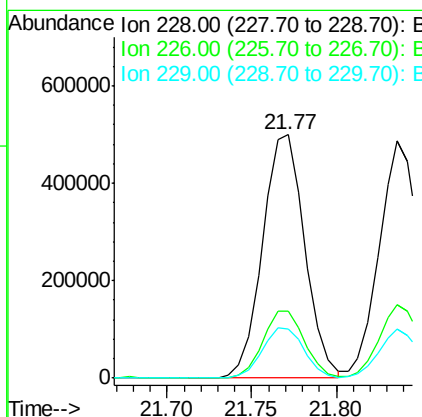
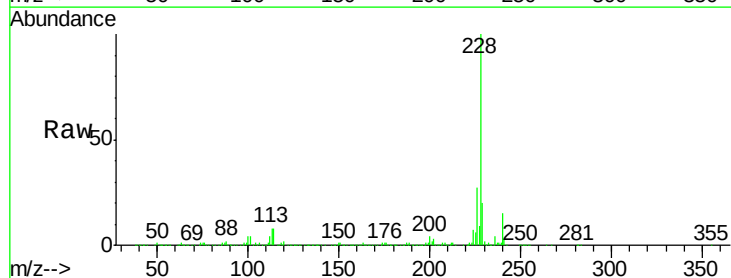
Instrument :
BNA_G
ClientSampleId :
PB103551BS

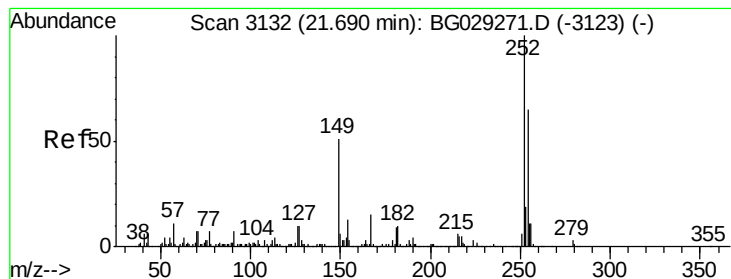
Tot Ion	Ratio	Lower	Upper
149	100		
91	64.6	62.2	93.2
206	24.6	18.6	27.8



#80
Benzo(a)anthracene
Concen: 29.47 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.7	34.1
229	20.2	16.2	24.2

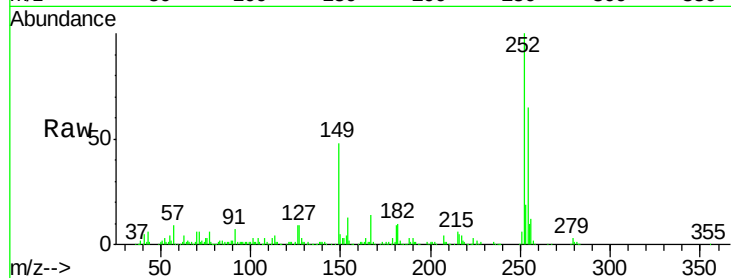




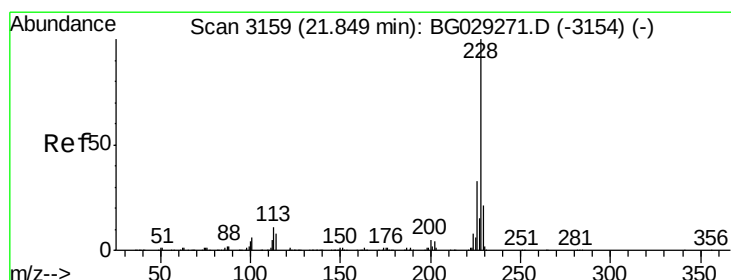
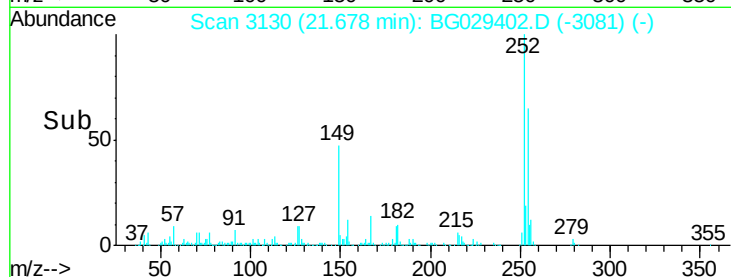
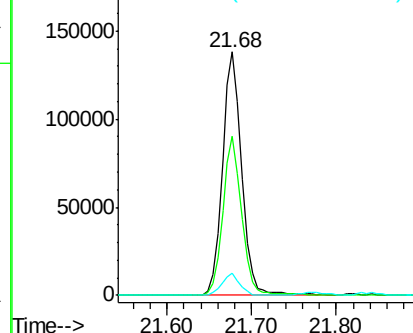
#81
 3,3'-Dichlorobenzidine
 Concen: 18.17 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG029402.D
 Acq: 23 Oct 2017 16:53

Instrument :
 BNA_G
 ClientSampleId :
 PB103551BS

Tot Ion:252 Resp: 220281
 Ion Ratio Lower Upper
 252 100
 254 65.3 50.8 76.2
 126 9.2 7.4 11.2

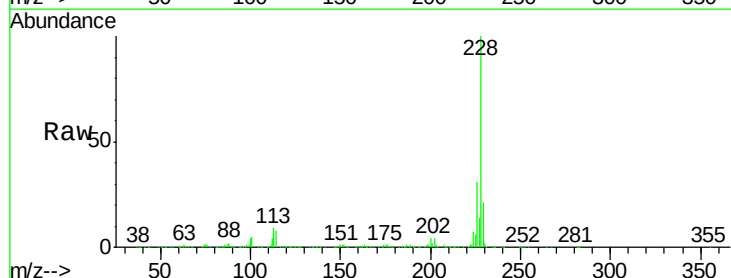


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

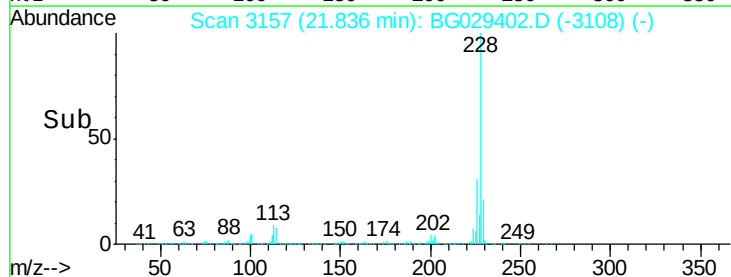
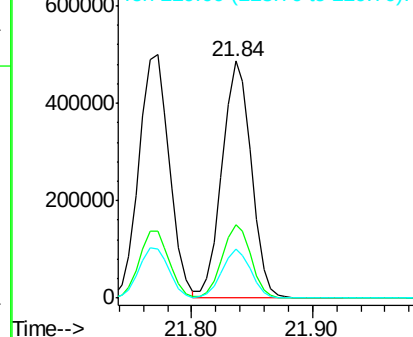


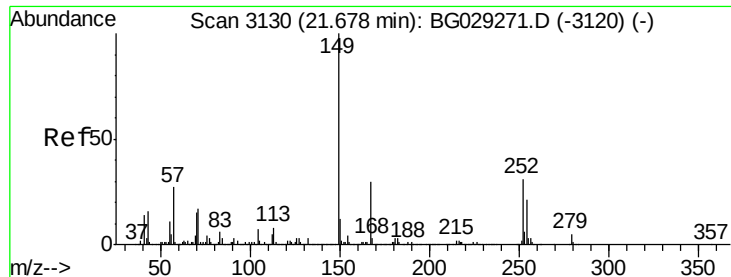
#82
 Chrysene
 Concen: 28.75 ng
 RT: 21.84 min Scan# 3157
 Delta R.T. -0.01 min
 Lab File: BG029402.D
 Acq: 23 Oct 2017 16:53

Tgt Ion:228 Resp: 808909
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.9 37.3
 229 20.6 15.0 22.4



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

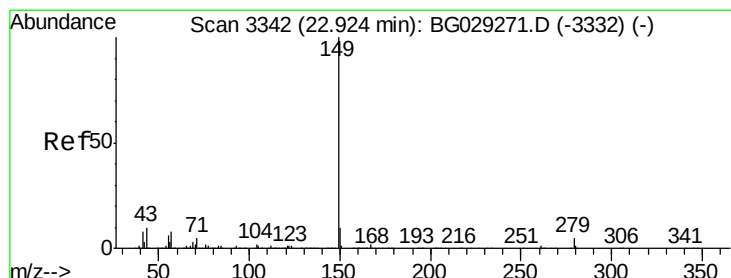
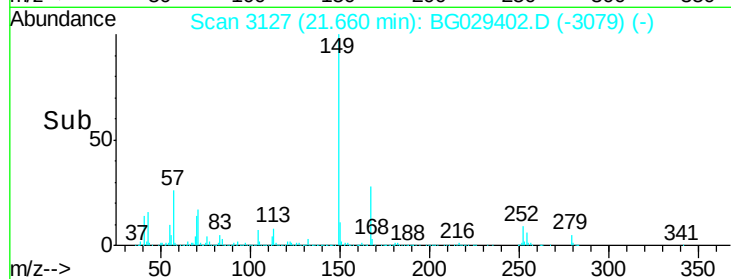
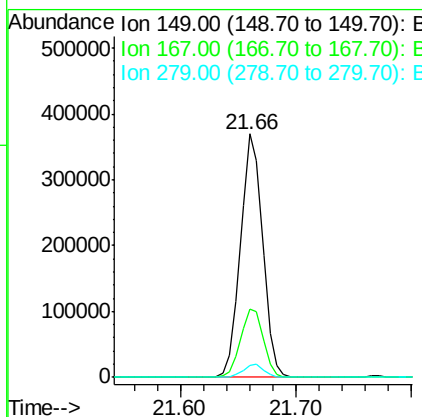
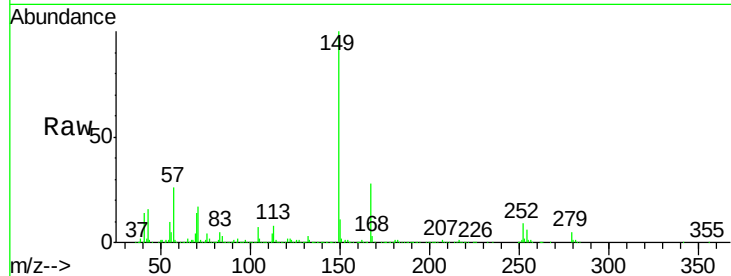




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 26.51 ng
 RT: 21.66 min Scan# 3127
 Delta R.T. -0.02 min
 Lab File: BG029402.D
 Acq: 23 Oct 2017 16:53

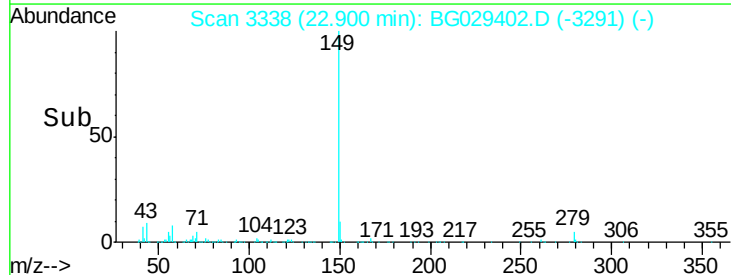
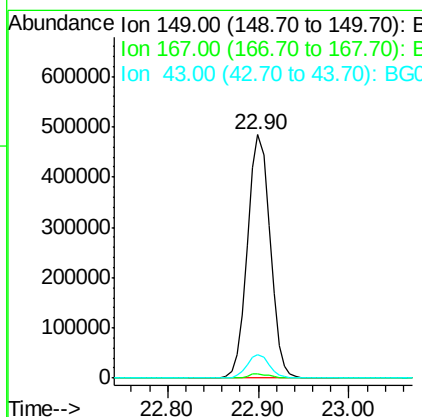
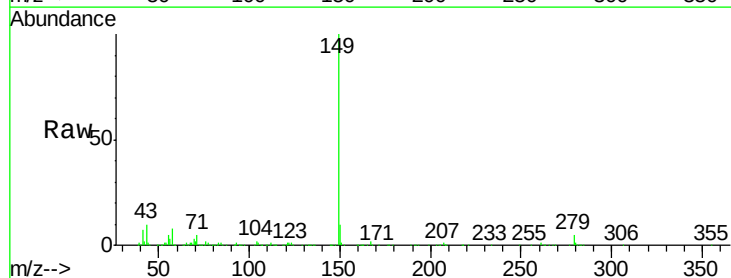
Instrument :
 BNA_G
 ClientSampleId :
 PB103551BS

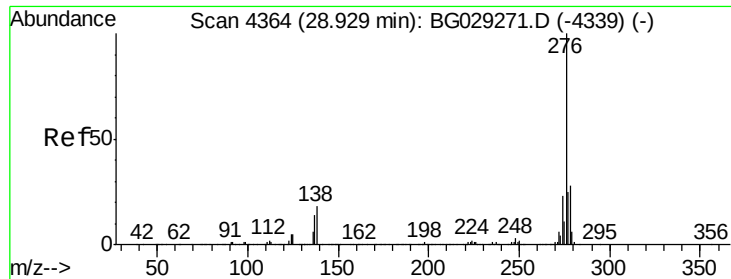
Tot Ion	Ratio	Lower	Upper
149	100		
167	28.2	24.3	36.5
279	4.9	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 25.98 ng
 RT: 22.90 min Scan# 3338
 Delta R.T. -0.02 min
 Lab File: BG029402.D
 Acq: 23 Oct 2017 16:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	9.6	8.9	13.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 28.45 ng

RT: 28.87 min Scan# 4355

Delta R.T. -0.05 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Instrument :

BNA_G

ClientSampleId :

PB103551BS

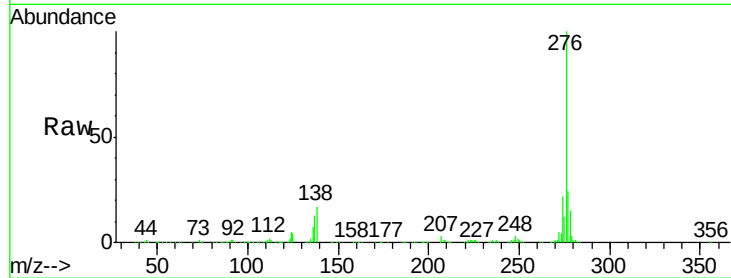
Tot Ion:276 Resp: 984746

Ion Ratio Lower Upper

276 100

138 14.5 16.0 24.0#

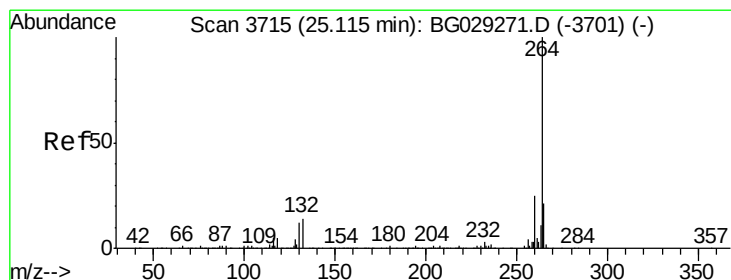
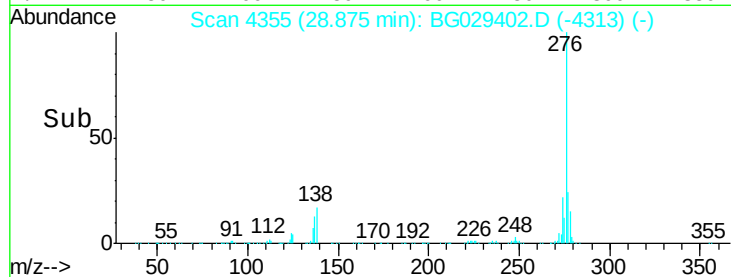
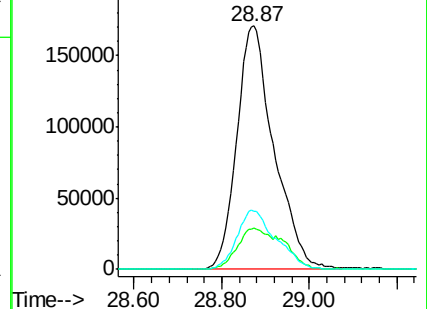
277 25.6 20.0 30.0



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: 25.09 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

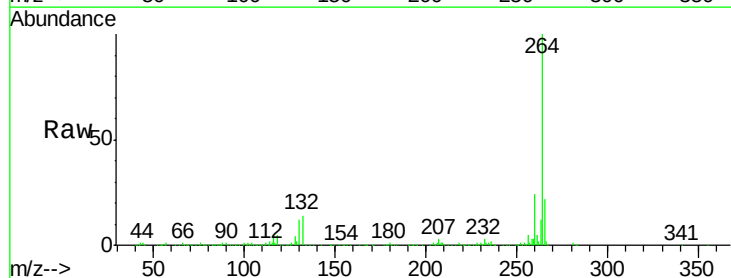
Tgt Ion:264 Resp: 511874

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.0

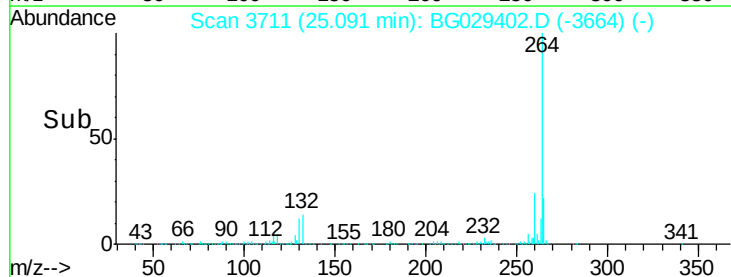
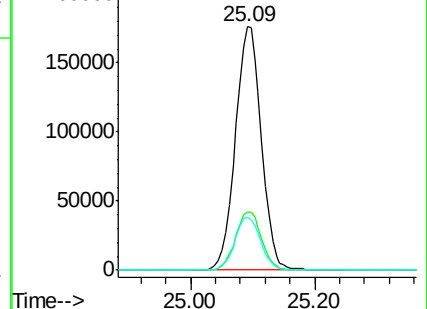
265 21.8 17.7 26.5

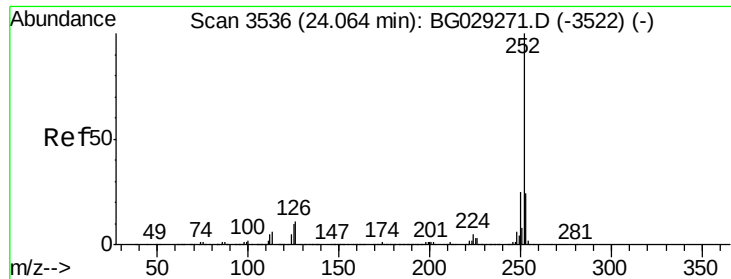


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

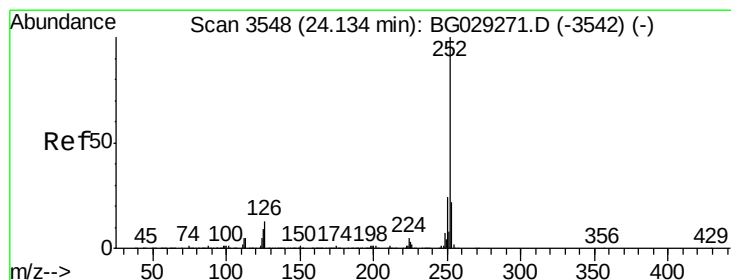
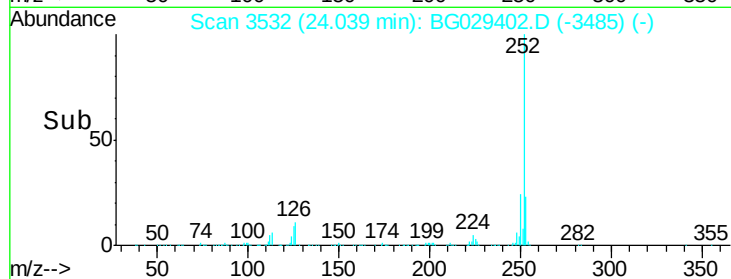
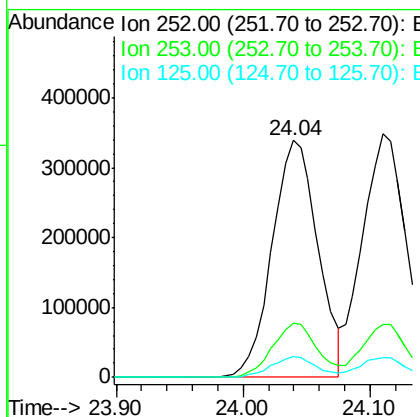
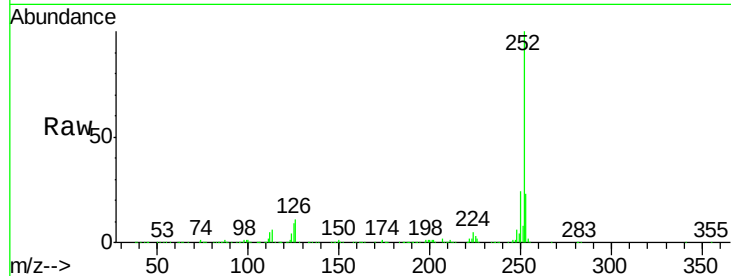




#87
Benzo(b)fluoranthene
Concen: 29.04 ng
RT: 24.04 min Scan# 3532
Delta R.T. -0.02 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

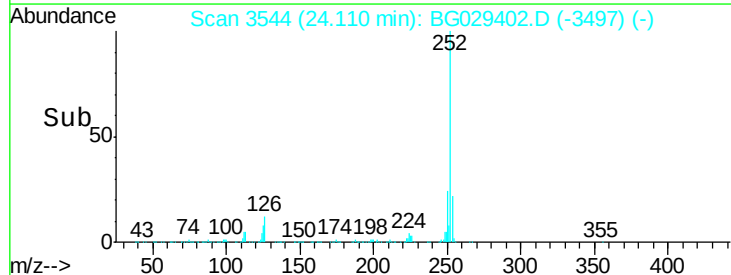
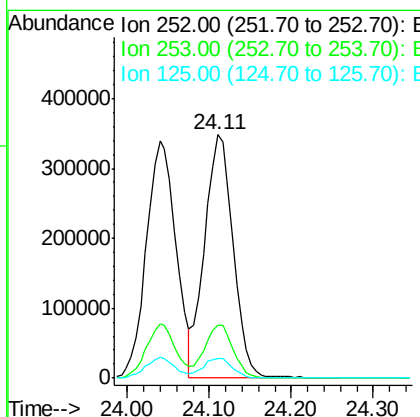
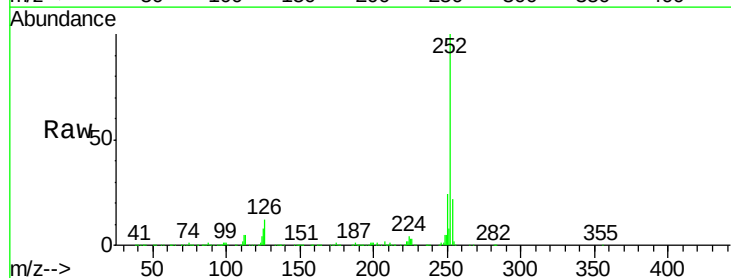
Instrument :
BNA_G
ClientSampleId :
PB103551BS

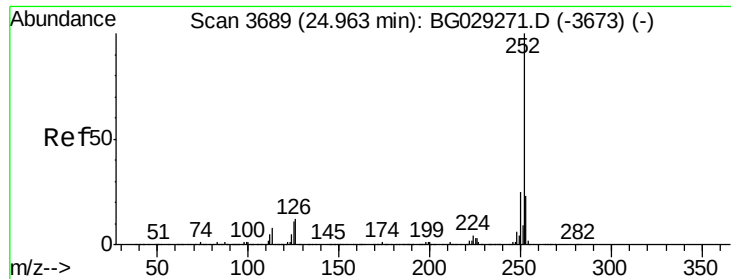
Tot Ion:252 Resp: 851164
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 8.8 7.2 10.8



#88
Benzo(k)fluoranthene
Concen: 28.89 ng
RT: 24.11 min Scan# 3544
Delta R.T. -0.02 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Tgt Ion:252 Resp: 843341
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 8.3 6.6 9.8





#89

Benzo(a)pyrene

Concen: 29.36 ng

RT: 24.93 min Scan# 3684

Delta R.T. -0.03 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Instrument :

BNA_G

ClientSampleId :

PB103551BS

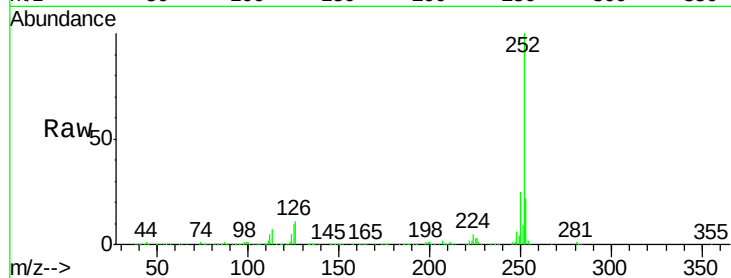
Tot Ion:252 Resp: 827262

Ion Ratio Lower Upper

252 100

253 21.6 18.3 27.5

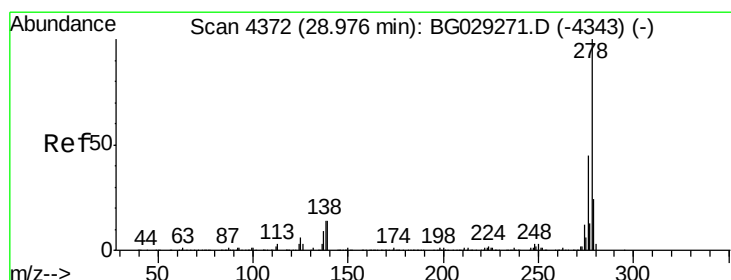
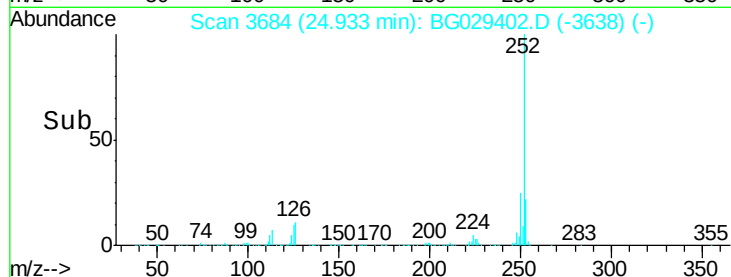
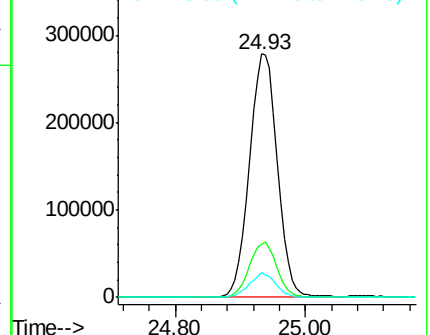
125 10.0 7.3 10.9



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



#90

Dibenzo(a,h)anthracene

Concen: 29.13 ng

RT: 28.94 min Scan# 4366

Delta R.T. -0.04 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

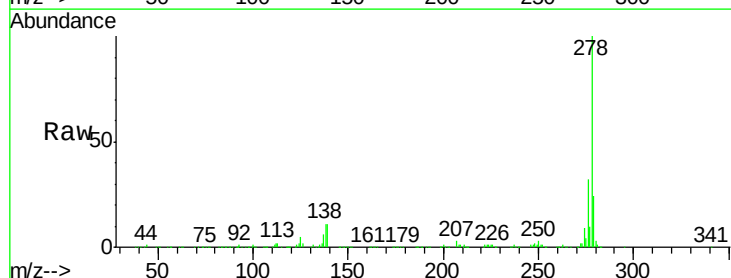
Tgt Ion:278 Resp: 830967

Ion Ratio Lower Upper

278 100

139 11.4 9.8 14.6

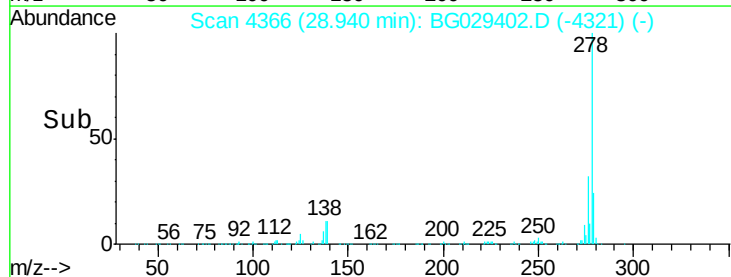
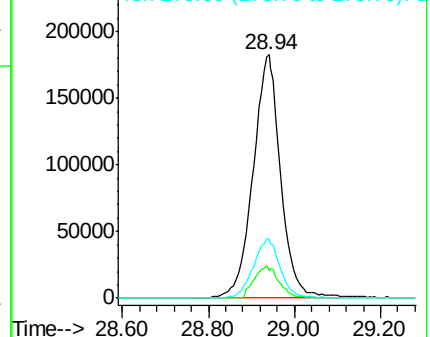
279 24.3 18.4 27.6

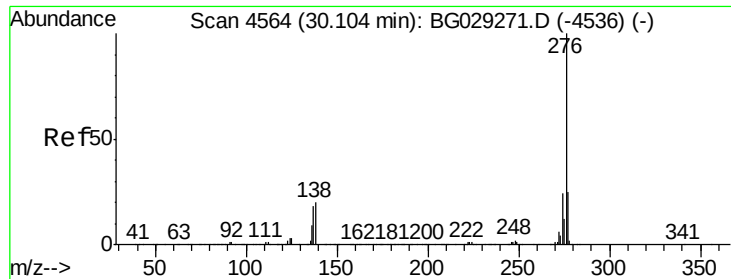


Abundance Ion 278.00 (277.70 to 278.70): E

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: 30.97 ng

RT: 30.06 min Scan# 4557

Delta R.T. -0.04 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Instrument :

BNA_G

ClientSampleId :

PB103551BS

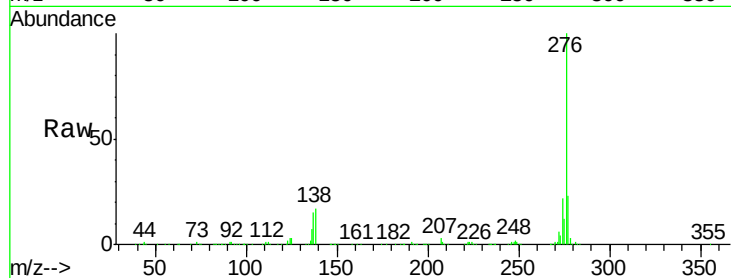
Tot Ion: 276 Resp: 820777

Ion Ratio Lower Upper

276 100

277 23.5 18.3 27.5

138 17.0 13.9 20.9



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

