

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
 Data File : BG029362.D
 Acq On : 19 Oct 2017 11:57
 Operator : SJ/JU
 Sample : PB103396BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB103396BS

Quant Time: Oct 19 16:38:10 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	8.17	152	57998	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	256484	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	177210	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	450979	20.00	ng	0.00
75) Chrysene-d12	21.79	240	493381	20.00	ng	0.00
86) Perylene-d12	25.10	264	511783	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	403414	116.20	ng	0.00
7) Phenol-d6	7.32	99	540584	110.93	ng	0.00
23) Nitrobenzene-d5	9.33	82	299102	74.11	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	289249	126.42	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	840861	69.59	ng	0.00
78) Terphenyl-d14	20.11	244	1490024	68.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	42292	30.024	ng	86
3) Pyridine	3.98	79	116675	28.443	ng	88
4) n-Nitrosodimethylamine	3.89	42	57030	29.742	ng	# 94
6) Aniline	7.48	93	90689	15.029	ng	96
8) 2-Chlorophenol	7.73	128	123570	31.052	ng	91
9) Benzaldehyde	7.29	77	33721	13.757	ng	91
10) Phenol	7.35	94	168093	31.995	ng	89
11) bis(2-Chloroethyl)ether	7.58	93	113231	29.581	ng	90
12) 1,3-Dichlorobenzene	8.06	146	128195	28.693	ng	97
13) 1,4-Dichlorobenzene	8.20	146	128449	28.159	ng	94
14) 1,2-Dichlorobenzene	8.52	146	123085	27.976	ng	96
15) Benzyl Alcohol	8.40	79	112216	32.676	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.69	45	187159	28.791	ng	96
17) 2-Methylphenol	8.60	107	109874	31.482	ng	96
18) Hexachloroethane	9.26	117	44213	28.442	ng	97
19) n-Nitroso-di-n-propylamine	8.97	70	94629	28.559	ng	# 94
20) 3+4-Methylphenols	8.93	107	152901	31.093	ng	93
22) Acetophenone	8.99	105	177494	28.715	ng	# 94
24) Nitrobenzene	9.37	77	133525	29.423	ng	93
25) Isophorone	9.90	82	259493	30.797	ng	# 94
26) 2-Nitrophenol	10.09	139	69206	31.908	ng	89
27) 2,4-Dimethylphenol	10.14	122	127312	32.443	ng	93
28) bis(2-Chloroethoxy)methane	10.38	93	163306	31.608	ng	95
29) 2,4-Dichlorophenol	10.63	162	139861	33.422	ng	95
30) 1,2,4-Trichlorobenzene	10.84	180	133394	29.506	ng	99
31) Naphthalene	11.04	128	374389	29.289	ng	98
32) Benzoic acid	10.26	122	101623	30.928	ng	87
33) 4-Chloroaniline	11.14	127	72388	13.463	ng	95
34) Hexachlorobutadiene	11.32	225	82433	29.326	ng	94
35) Caprolactam	11.89	113	53840	38.713	ng	# 77
36) 4-Chloro-3-methylphenol	12.25	107	151709	32.962	ng	# 90
37) 2-Methylnaphthalene	12.63	142	294879	31.652	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	160546	24.814	ng	98
40) Hexachlorocyclopentadiene	12.97	237	207412	84.355	ng	91

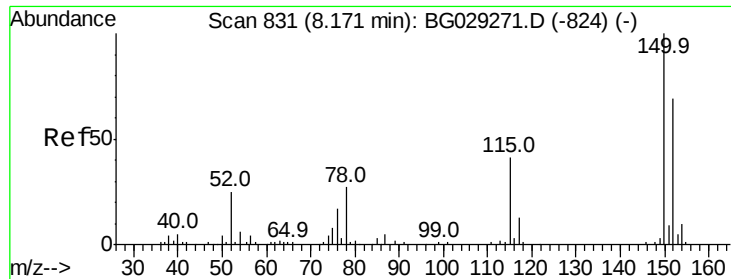
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	121992	30.036	ng	96
43) 2,4,5-Trichlorophenol	13.30	196	136355	32.690	ng	97
45) 1,1'-Biphenyl	13.62	154	408811	26.839	ng	96
46) 2-Chloronaphthalene	13.67	162	309131	27.824	ng	98
47) 2-Nitroaniline	13.86	65	102256	33.508	ng	# 88
48) Acenaphthylene	14.51	152	506887	29.151	ng	99
49) Dimethylphthalate	14.23	163	444751	32.167	ng	99
50) 2,6-Dinitrotoluene	14.35	165	96837	33.410	ng	# 82
51) Acenaphthene	14.85	154	313697	27.728	ng	99
52) 3-Nitroaniline	14.68	138	55553	17.762	ng	# 82
53) 2,4-Dinitrophenol	14.89	184	111961	70.964	ng	# 54
54) Dibenzofuran	15.18	168	520298	32.215	ng	99
55) 4-Nitrophenol	14.99	139	180908	70.160	ng	# 81
56) 2,4-Dinitrotoluene	15.14	165	142727	36.376	ng	# 79
57) Fluorene	15.83	166	410975	30.803	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.40	232	134828	38.744	ng	95
59) Diethylphthalate	15.58	149	453822	32.935	ng	98
60) 4-Chlorophenyl-phenylether	15.81	204	225103	31.644	ng	97
61) 4-Nitroaniline	15.84	138	112991	35.183	ng	83
62) Azobenzene	16.11	77	390950	33.646	ng	97
64) 4,6-Dinitro-2-methylphenol	15.90	198	78037	32.259	ng	83
65) n-Nitrosodiphenylamine	16.03	169	390805	28.928	ng	98
66) 4-Bromophenyl-phenylether	16.71	248	155347	30.019	ng	98
67) Hexachlorobenzene	16.83	284	164267	28.024	ng	98
68) Atrazine	16.97	200	158671	32.917	ng	99
69) Pentachlorophenol	17.17	266	214644	63.744	ng	98
70) Phenanthrene	17.56	178	725820	31.154	ng	98
71) Anthracene	17.65	178	738502	31.568	ng	99
72) Carbazole	17.92	167	701899	31.234	ng	99
73) Di-n-butylphthalate	18.47	149	813884	31.489	ng	100
74) Fluoranthene	19.56	202	904121	33.179	ng	97
76) Benzidine	19.73	184	292627	19.643	ng	96
77) Pyrene	19.92	202	928421	31.020	ng	96
79) Butylbenzylphthalate	20.80	149	379546	29.766	ng	89
80) Benzo(a)anthracene	21.78	228	910055	31.416	ng	98
81) 3,3'-Dichlorobenzidine	21.68	252	227825	19.055	ng	95
82) Chrysene	21.84	228	850626	30.663	ng	97
83) Bis(2-ethylhexyl)phthalate	21.67	149	538471	29.425	ng	99
84) Di-n-octyl phthalate	22.91	149	925732	29.026	ng	96
85) Indeno(1,2,3-cd)pyrene	28.89	276	1081555	31.690	ng	97
87) Benzo(b)fluoranthene	24.05	252	924584	31.556	ng	100
88) Benzo(k)fluoranthene	24.12	252	922092	31.589	ng	100
89) Benzo(a)pyrene	24.95	252	902272	32.032	ng	99
90) Dibenzo(a,h)anthracene	28.95	278	911233	31.954	ng	98
91) Benzo(g,h,i)perylene	30.07	276	894441	33.757	ng	97

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

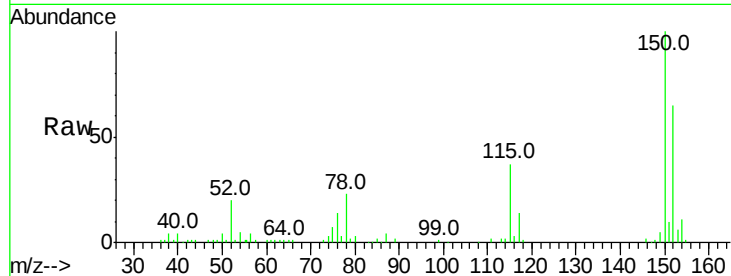


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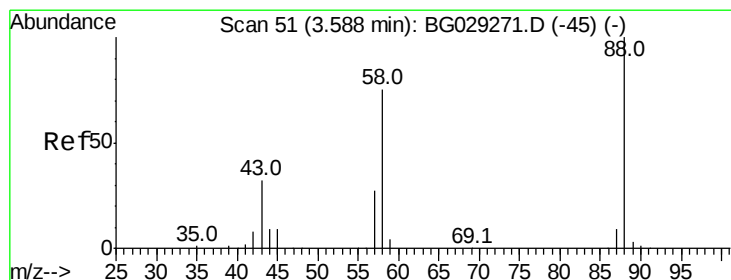
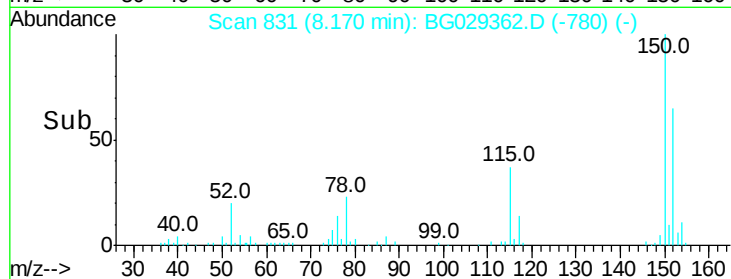
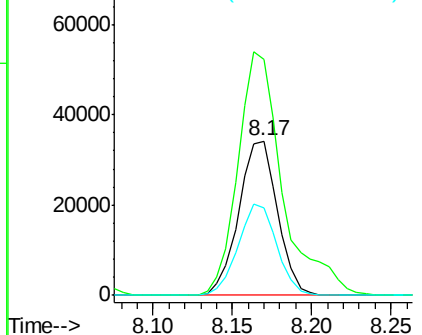
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG029362.D
Acq: 19 Oct 2017 11:57

Instrument :
BNA_G
ClientSampleId :
PB103396BS

Tot Ion:152 Resp: 57998
Ion Ratio Lower Upper
152 100
150 153.1 126.6 189.8
115 56.9 53.0 79.4



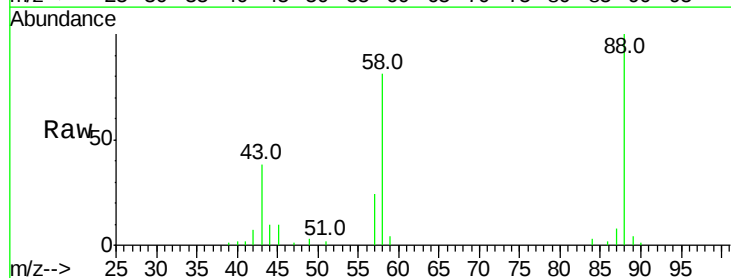
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



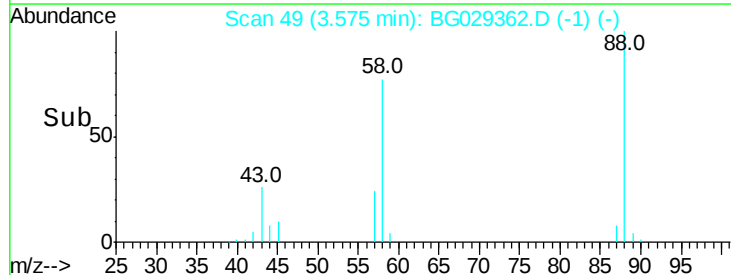
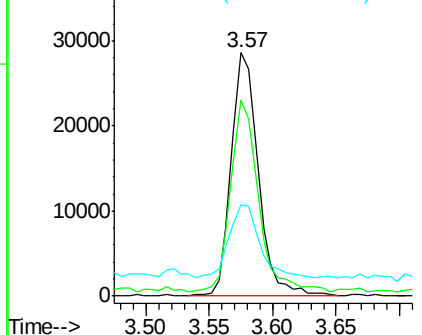
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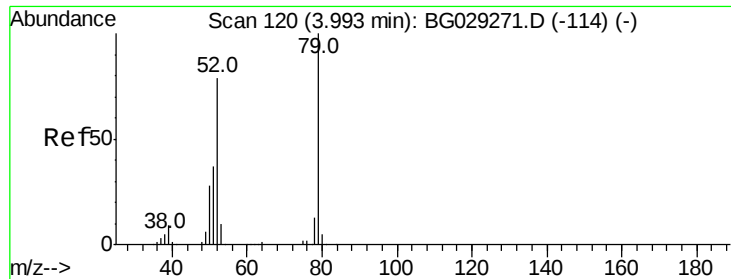
1,4-Dioxane
Concen: 30.024 ng
RT: 3.57 min Scan# 49
Delta R.T. -0.01 min
Lab File: BG029362.D
Acq: 19 Oct 2017 11:57

Tgt Ion: 88 Resp: 42292
Ion Ratio Lower Upper
88 100
58 81.4 79.6 119.4
43 33.1 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: 28.443 ng

RT: 3.98 min Scan# 118

Delta R.T. -0.01 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

Instrument :

BNA_G

ClientSampleId :

PB103396BS

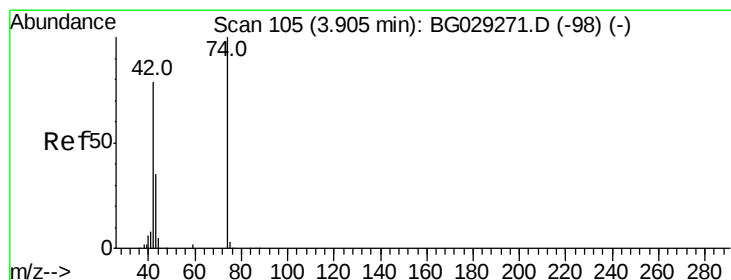
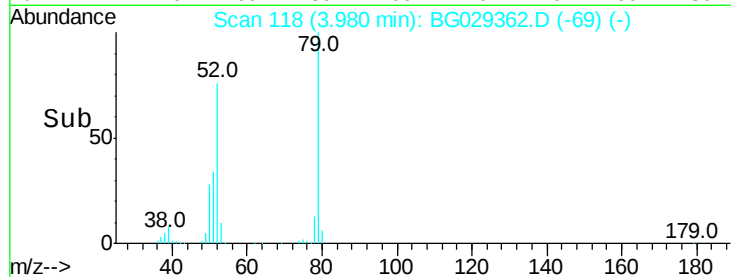
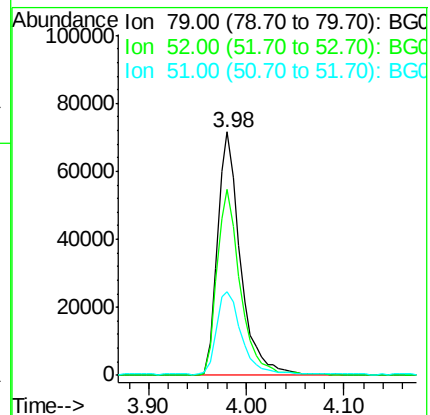
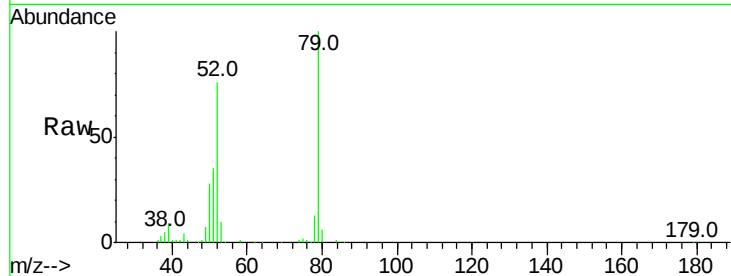
Tot Ion: 79 Resp: 116675

Ion Ratio Lower Upper

79 100

52 76.2 69.9 104.9

51 34.6 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 29.742 ng

RT: 3.89 min Scan# 103

Delta R.T. -0.01 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

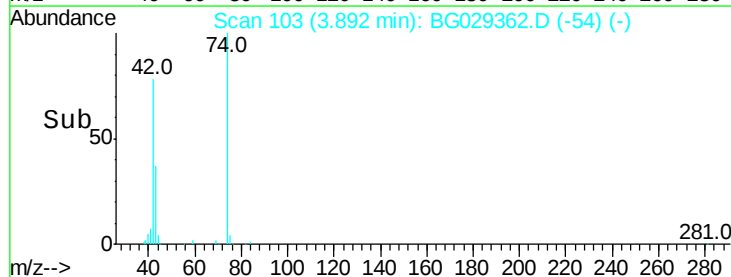
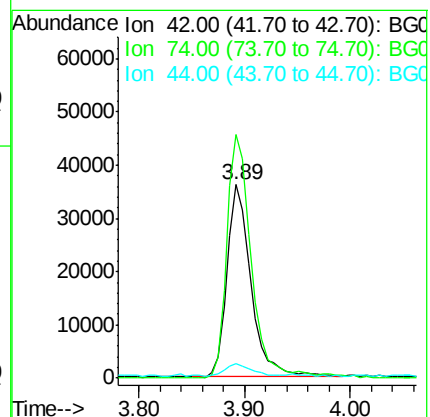
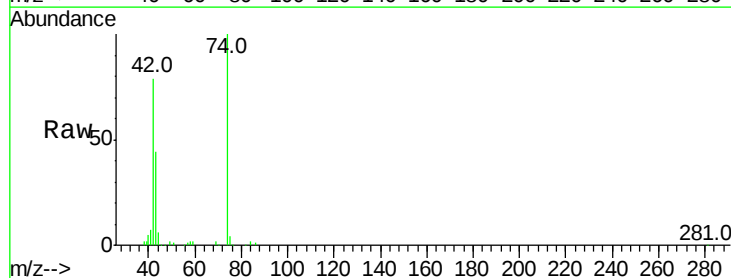
Tgt Ion: 42 Resp: 57030

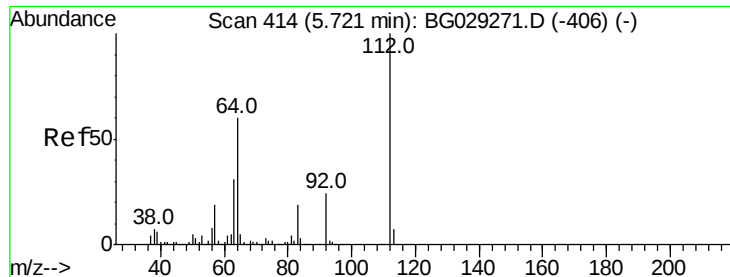
Ion Ratio Lower Upper

42 100

74 126.1 102.5 153.7

44 7.8 18.9 28.3#





#5

2-Fluorophenol

Concen: 116.198 ng

RT: 5.72 min Scan# 414

Delta R.T. -0.00 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

Instrument :

BNA_G

ClientSampleId :

PB103396BS

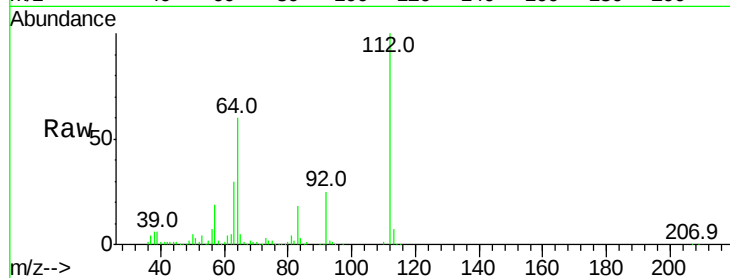
Tot Ion:112 Resp: 403414

Ion Ratio Lower Upper

112 100

64 59.9 56.3 84.5

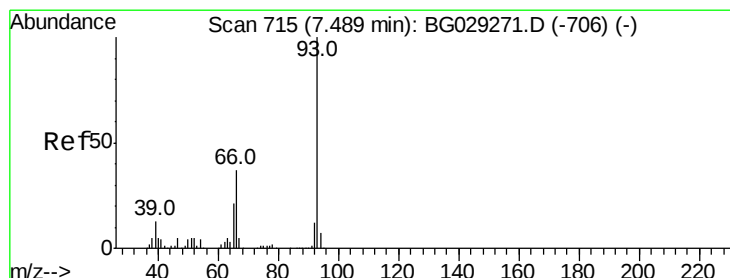
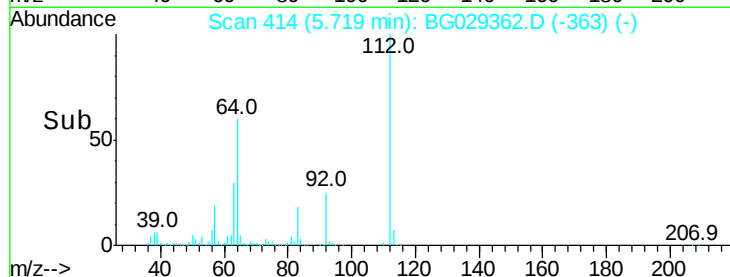
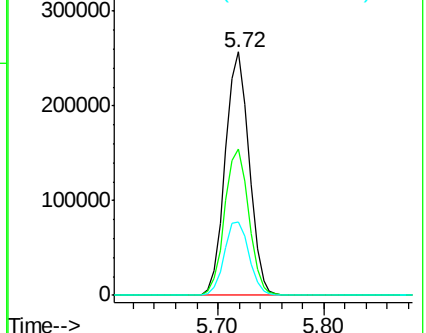
63 30.3 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 15.029 ng

RT: 7.48 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

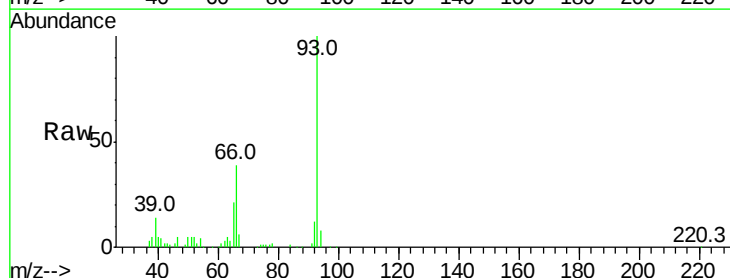
Tgt Ion: 93 Resp: 90689

Ion Ratio Lower Upper

93 100

66 39.0 33.7 50.5

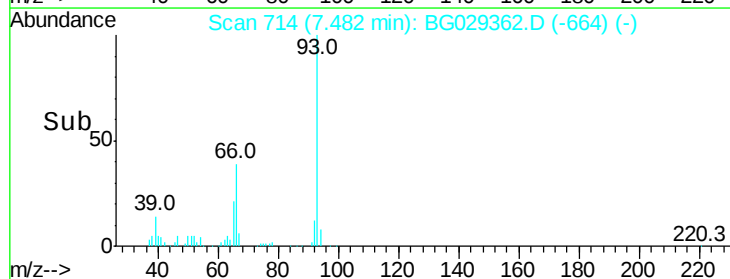
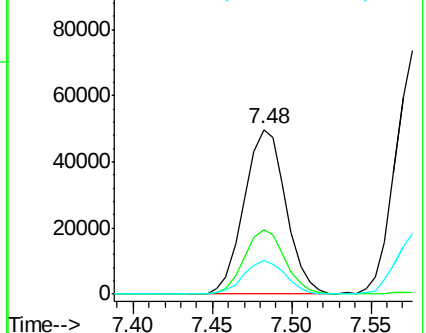
65 20.7 16.1 24.1

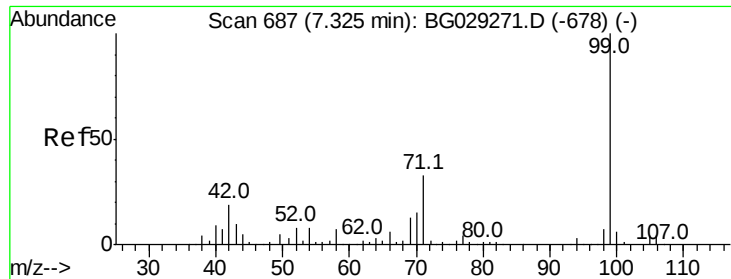


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 110.930 ng

RT: 7.32 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

Instrument :

BNA_G

ClientSampleId :

PB103396BS

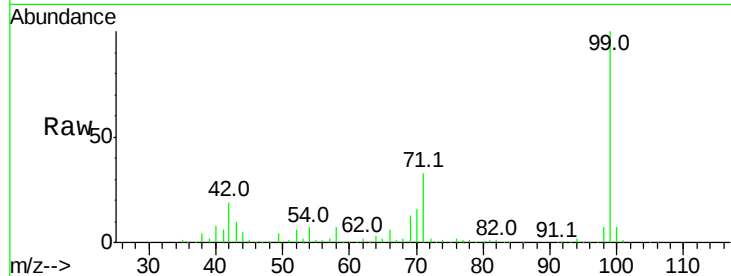
Tot Ion: 99 Resp: 540584

Ion Ratio Lower Upper

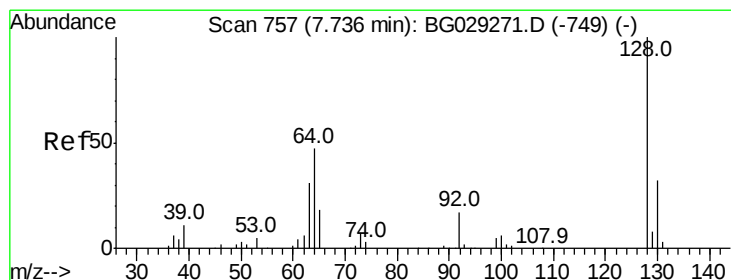
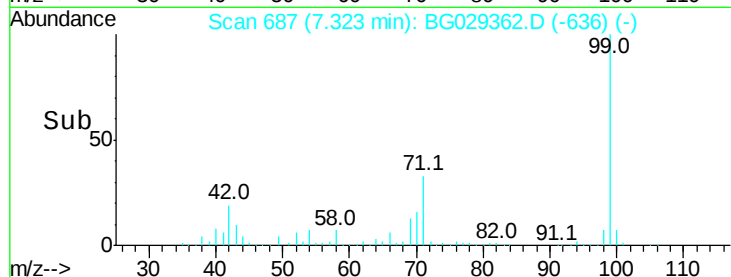
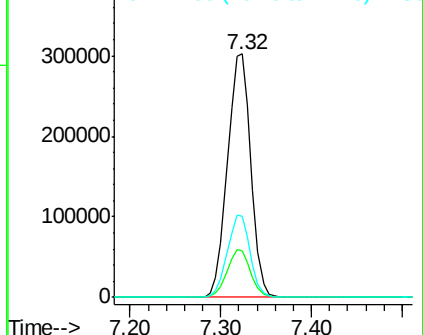
99 100

42 19.0 14.1 21.1

71 33.4 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: 31.052 ng

RT: 7.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

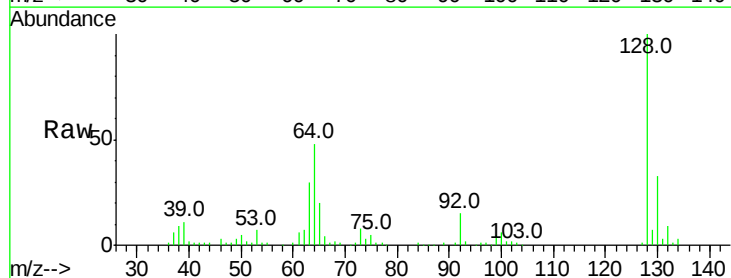
Tgt Ion: 128 Resp: 123570

Ion Ratio Lower Upper

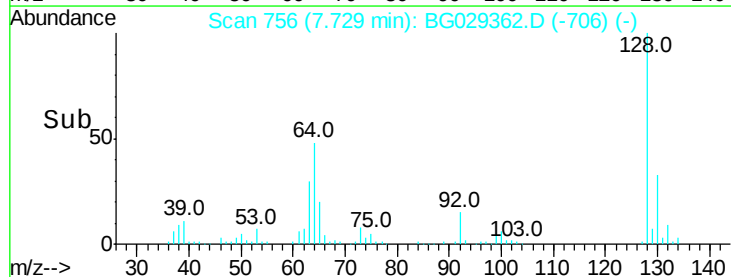
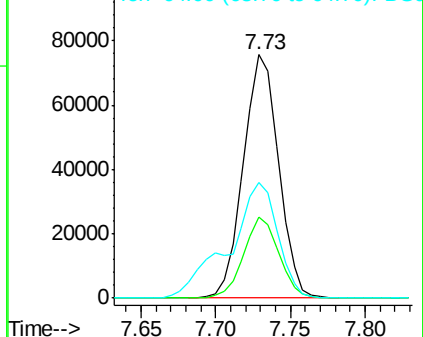
128 100

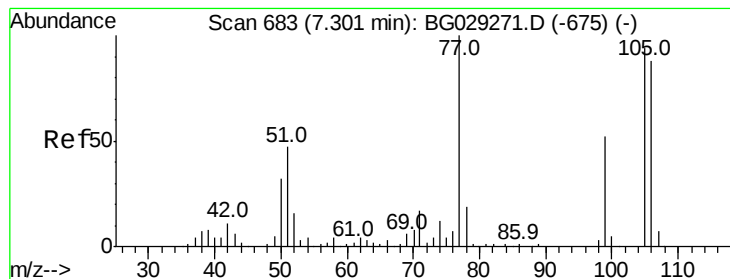
130 33.3 14.0 54.0

64 47.7 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: 13.757 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

Instrument :

BNA_G

ClientSampleID :

PB103396BS

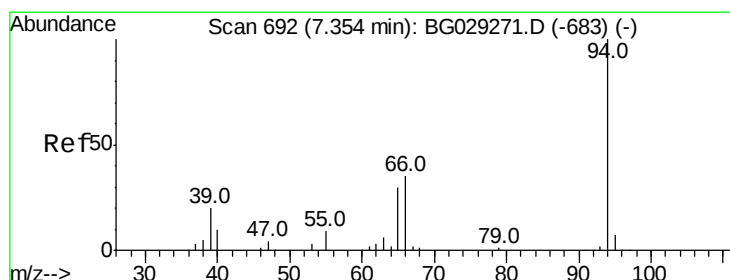
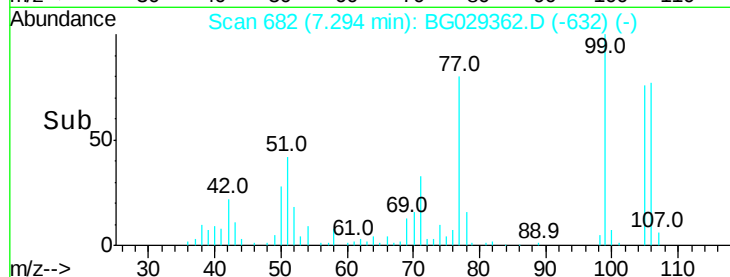
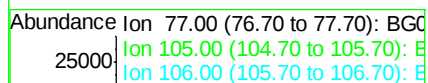
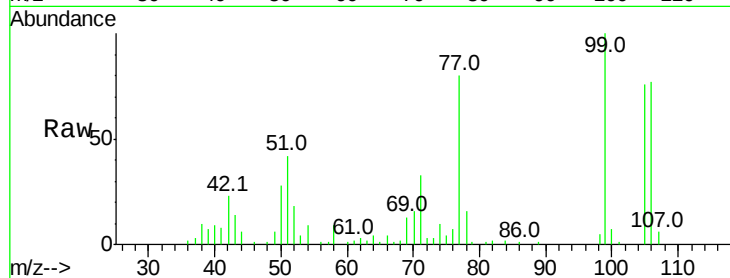
Tot Ion: 77 Resp: 33721

Ion Ratio Lower Upper

77 100

105 95.3 71.3 111.3

106 96.9 64.2 104.2



#10

Phenol

Concen: 31.995 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

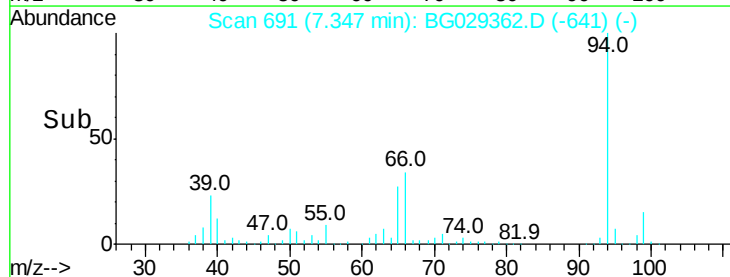
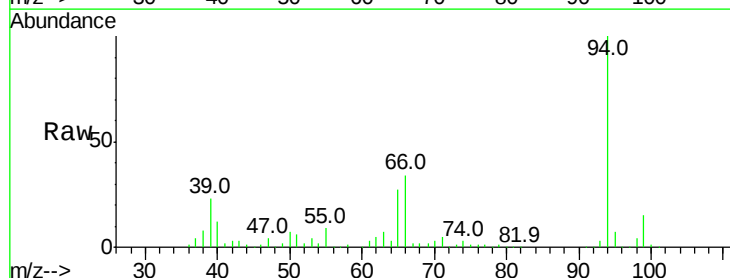
Tgt Ion: 94 Resp: 168093

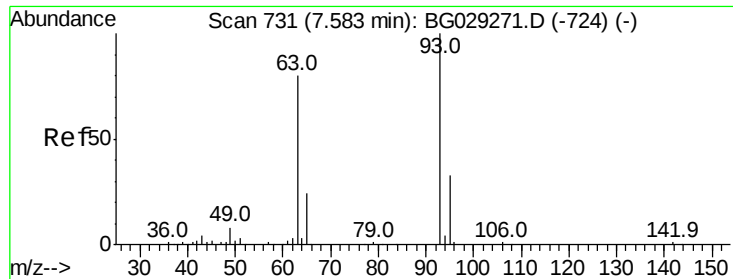
Ion Ratio Lower Upper

94 100

65 26.7 11.9 51.9

66 34.1 22.2 62.2

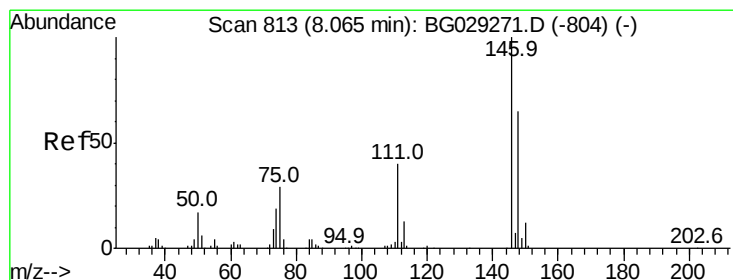
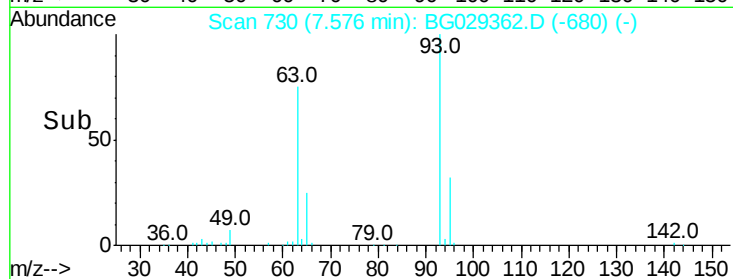
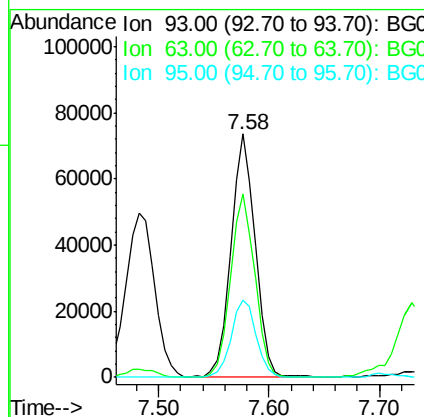
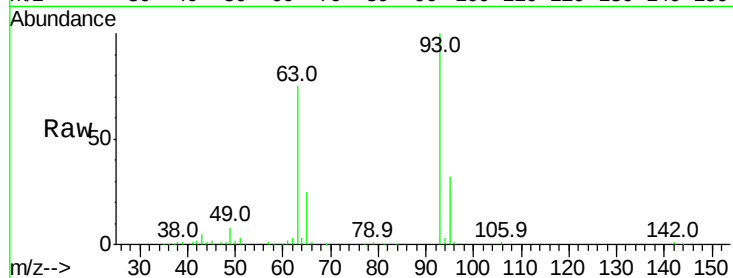




#11
bis(2-Chloroethyl)ether
Concen: 29.581 ng
RT: 7.58 min Scan# 730
Delta R.T. -0.01 min
Lab File: BG029362.D
Acq: 19 Oct 2017 11:57

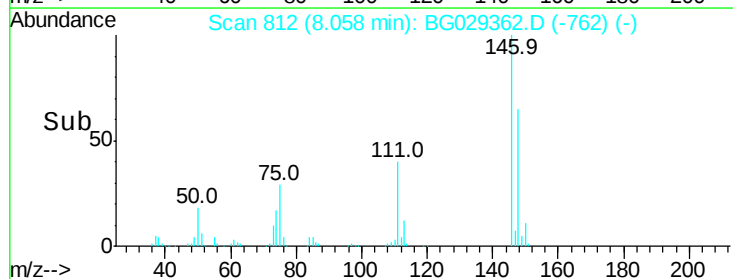
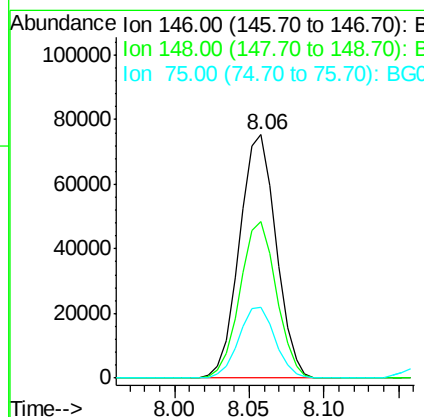
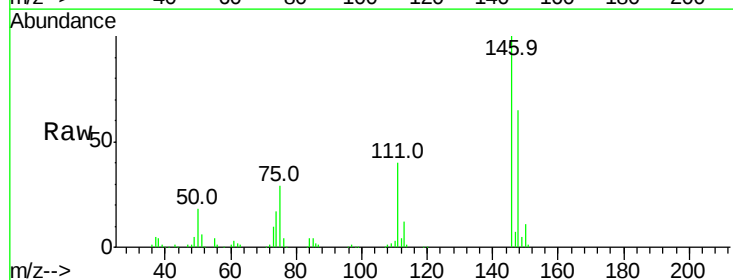
Instrument :
BNA_G
ClientSampleId :
PB103396BS

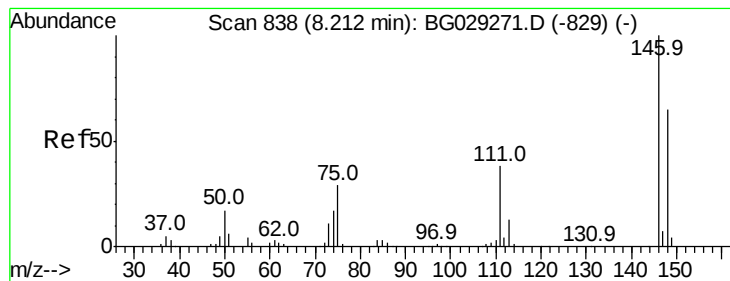
Tot Ion: 93 Resp: 113231
Ion Ratio Lower Upper
93 100
63 75.1 67.1 107.1
95 31.8 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 28.693 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG029362.D
Acq: 19 Oct 2017 11:57

Tgt Ion: 146 Resp: 128195
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.2
75 29.0 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 28.159 ng

RT: 8.20 min Scan# 836

Delta R.T. -0.01 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

Instrument :

BNA_G

ClientSampleId :

PB103396BS

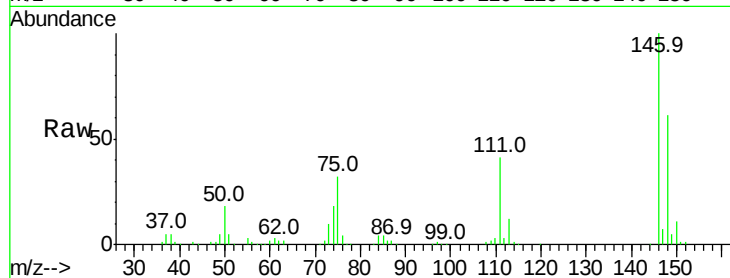
Tot Ion:146 Resp: 128449

Ion Ratio Lower Upper

146 100

148 61.5 53.7 80.5

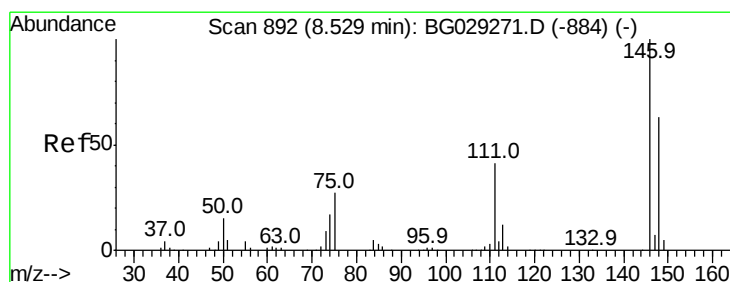
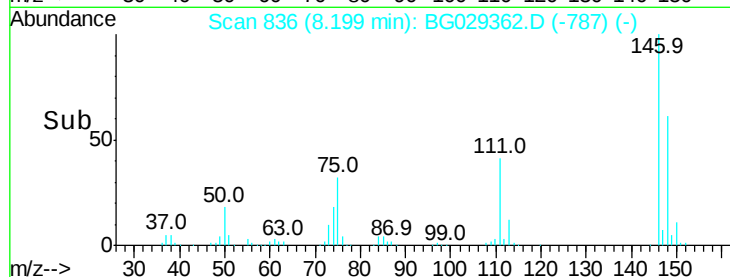
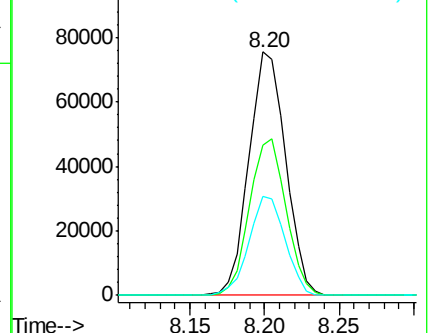
111 40.8 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 27.976 ng

RT: 8.52 min Scan# 891

Delta R.T. -0.01 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

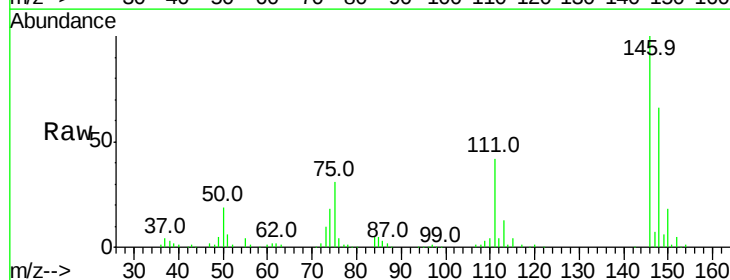
Tgt Ion:146 Resp: 123085

Ion Ratio Lower Upper

146 100

148 65.6 49.3 73.9

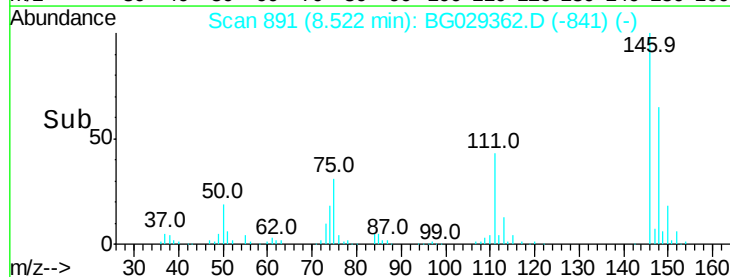
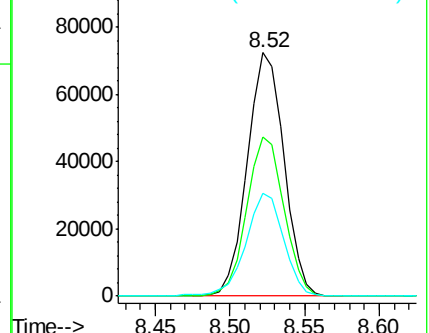
111 42.1 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 32.676 ng

RT: 8.40 min Scan# 870

Delta R.T. -0.01 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

Instrument :

BNA_G

ClientSampleId :

PB103396BS

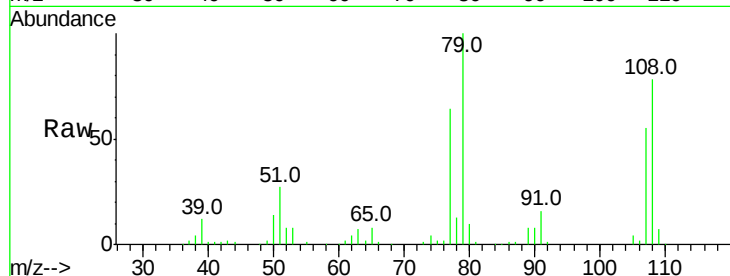
Tot Ion: 79 Resp: 112216

Ion Ratio Lower Upper

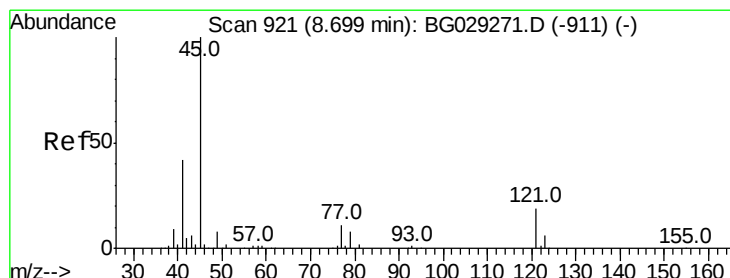
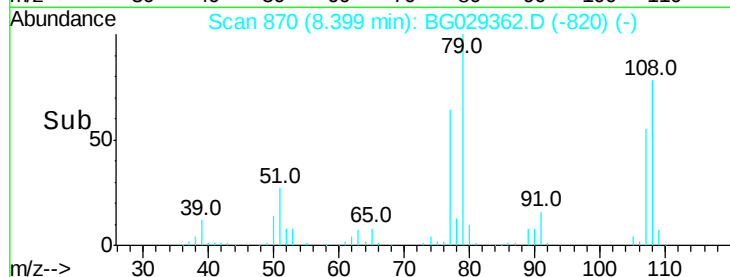
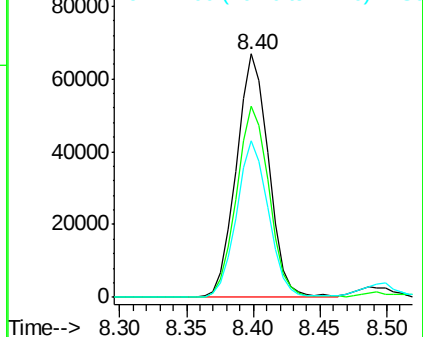
79 100

108 78.4 57.2 85.8

77 64.3 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: 28.791 ng

RT: 8.69 min Scan# 919

Delta R.T. -0.01 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

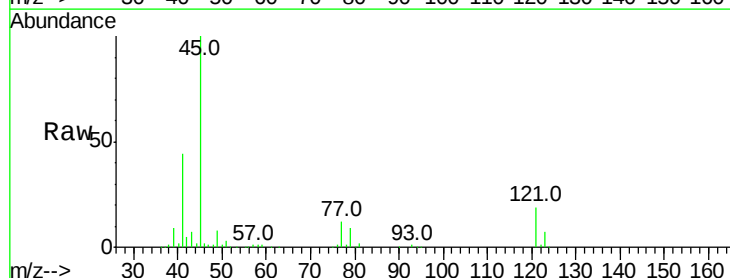
Tgt Ion: 45 Resp: 187159

Ion Ratio Lower Upper

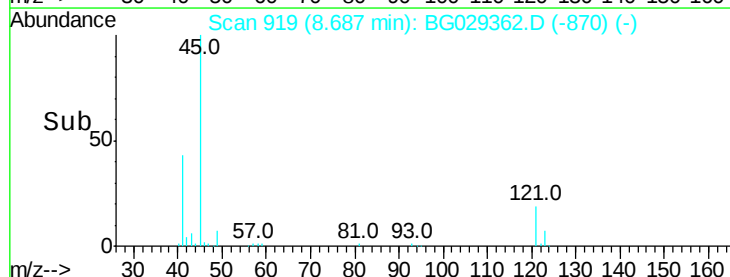
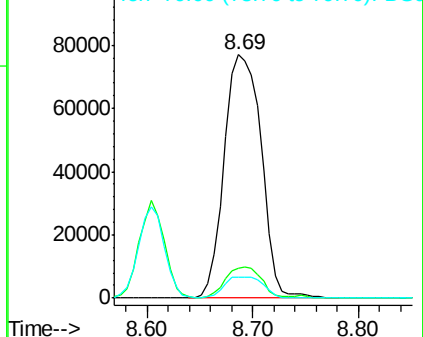
45 100

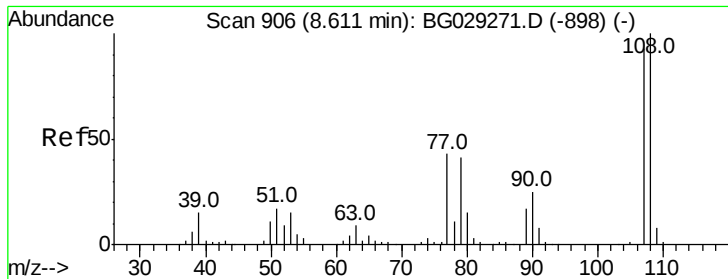
77 12.3 0.0 30.2

79 8.7 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: 31.482 ng

RT: 8.60 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

Instrument :

BNA_G

ClientSampleId :

PB103396BS

Tot Ion:107 Resp: 109874

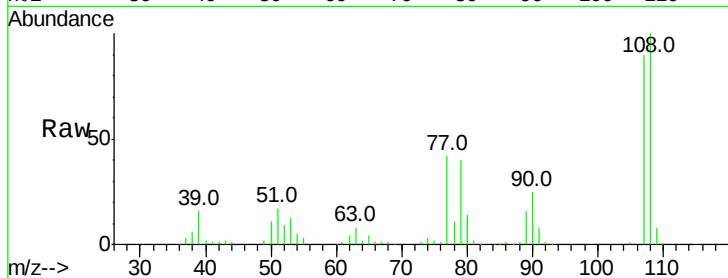
Ion Ratio Lower Upper

107 100

108 110.7 83.9 125.9

77 46.9 37.2 55.8

79 43.7 36.2 54.2

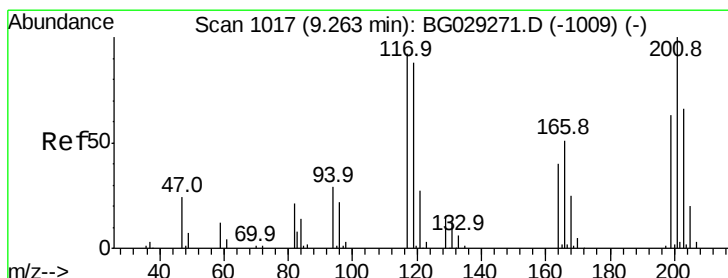
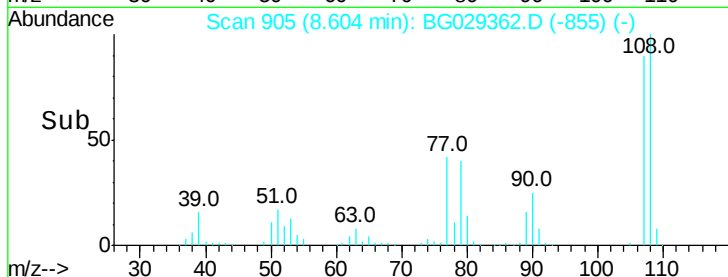
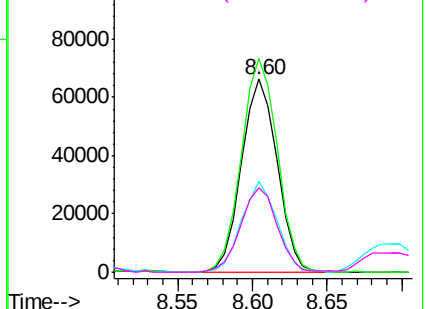


Abundance Ion 107.00 (106.70 to 107.70): E

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: 28.442 ng

RT: 9.26 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

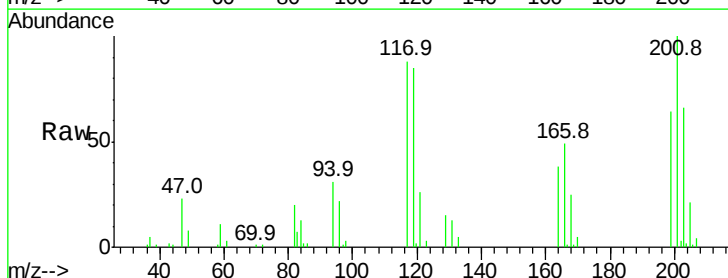
Tgt Ion:117 Resp: 44213

Ion Ratio Lower Upper

117 100

119 96.9 76.7 115.1

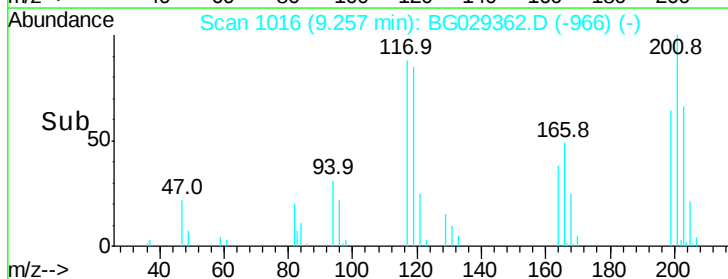
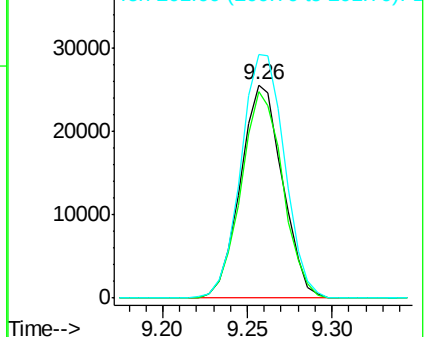
201 114.0 95.7 143.5

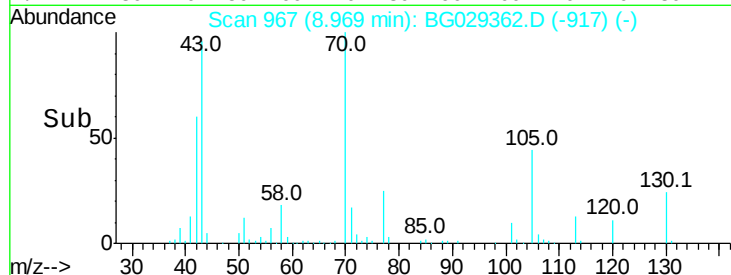
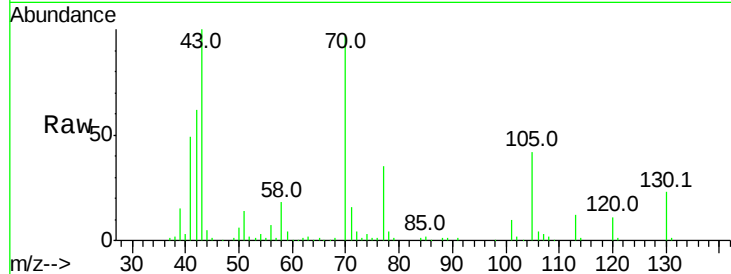
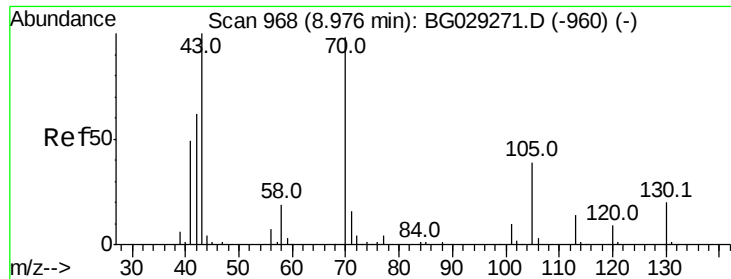


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

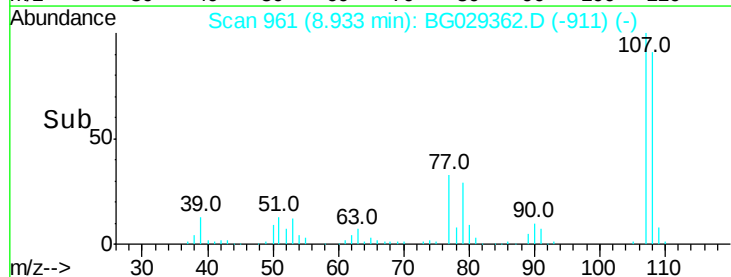
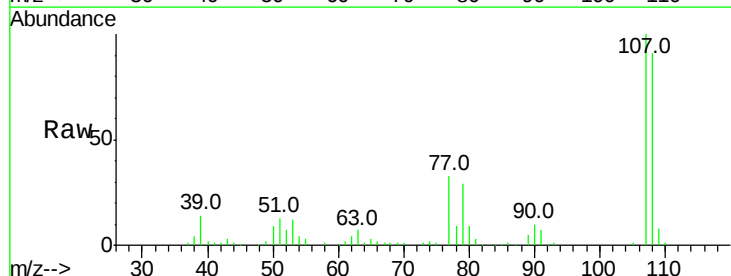
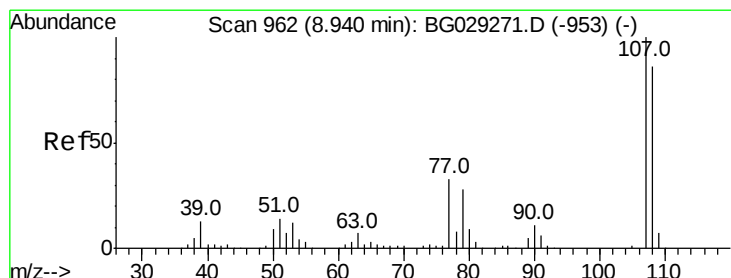
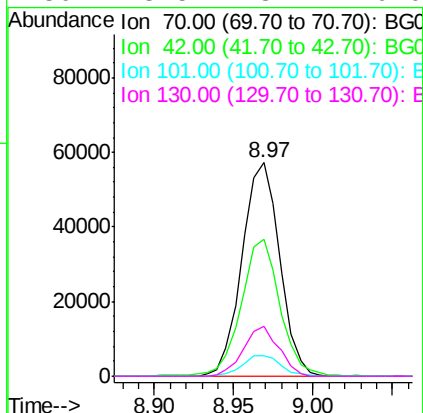




#19
n-Nitroso-di-n-propylamine
Concen: 28.559 ng
RT: 8.97 min Scan# 967
Delta R.T. -0.01 min
Lab File: BG029362.D
Acq: 19 Oct 2017 11:57

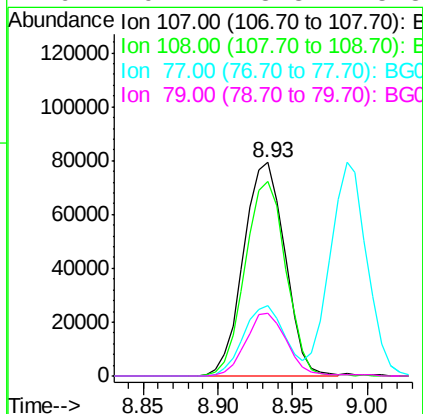
Instrument :
BNA_G
ClientSampleId :
PB103396BS

Tot Ion: 70 Resp: 94629
Ion Ratio Lower Upper
70 100
42 64.1 49.1 73.7
101 9.8 8.5 12.7
130 23.5 13.4 20.0#



#20
3+4-Methylphenols
Concen: 31.093 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.01 min
Lab File: BG029362.D
Acq: 19 Oct 2017 11:57

Tgt Ion: 107 Resp: 152901
Ion Ratio Lower Upper
107 100
108 91.0 61.6 101.6
77 32.9 13.9 53.9
79 29.1 8.8 48.8

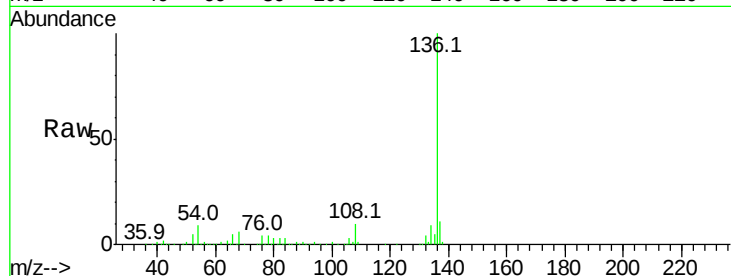




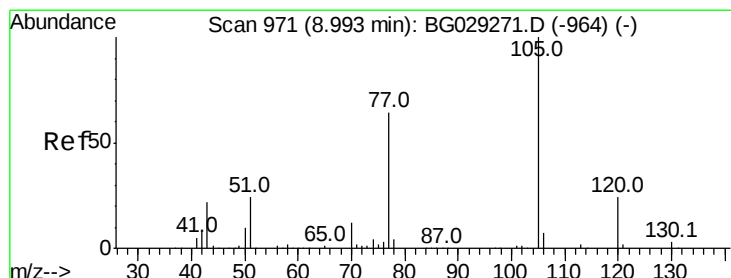
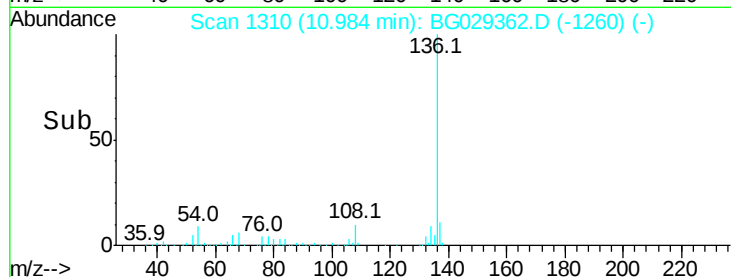
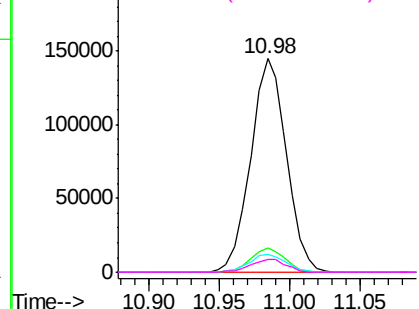
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG029362.D
Acq: 19 Oct 2017 11:57

Instrument :
BNA_G
ClientSampleId :
PB103396BS

Tot Ion:136	Resp:	256484
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.2 13.8
54	8.6	10.3 15.5#
68	6.2	4.5 6.7

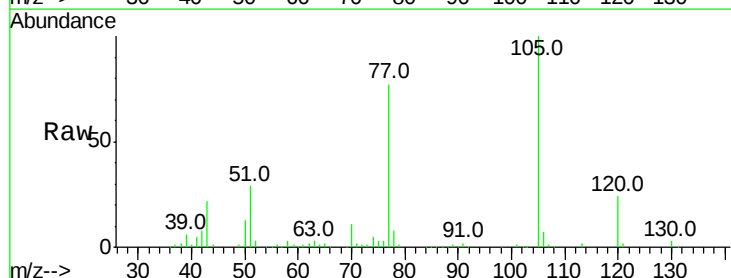


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

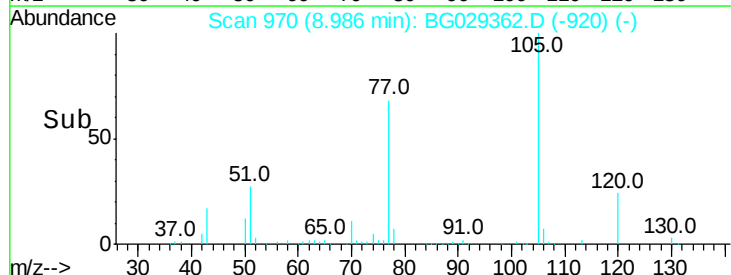
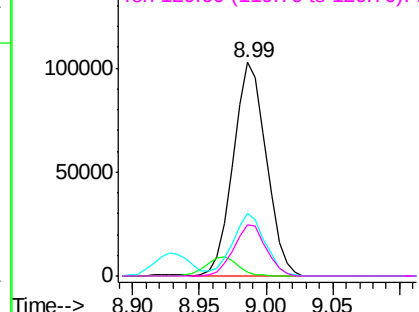


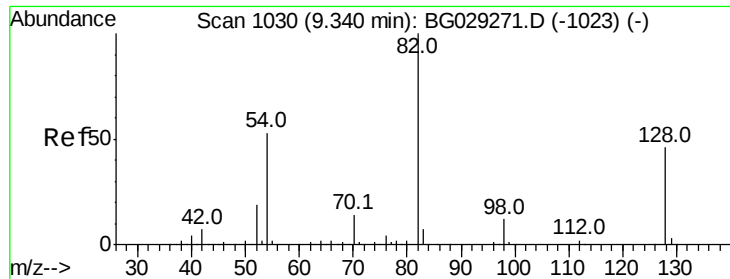
#22
Acetophenone
Concen: 28.715 ng
RT: 8.99 min Scan# 970
Delta R.T. -0.01 min
Lab File: BG029362.D
Acq: 19 Oct 2017 11:57

Tgt Ion:105	Resp:	177494
Ion Ratio	Lower	Upper
105	100	
71	2.0	3.0 4.4#
51	29.1	26.1 39.1
120	24.0	17.4 26.2



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

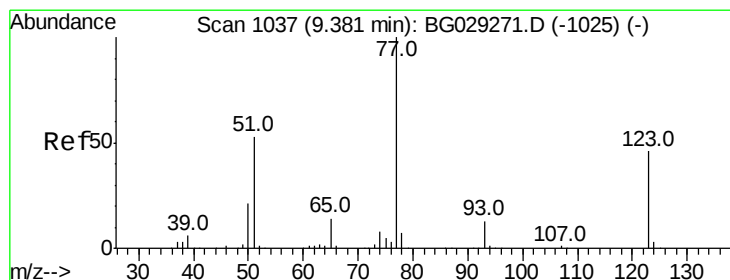
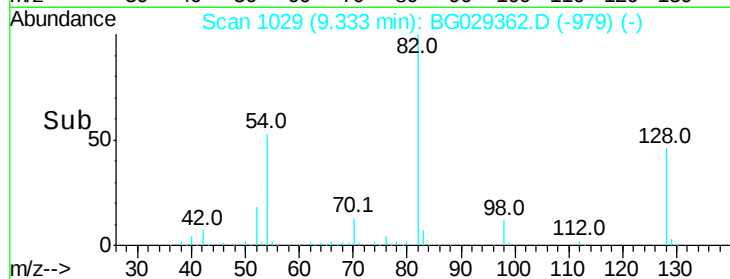
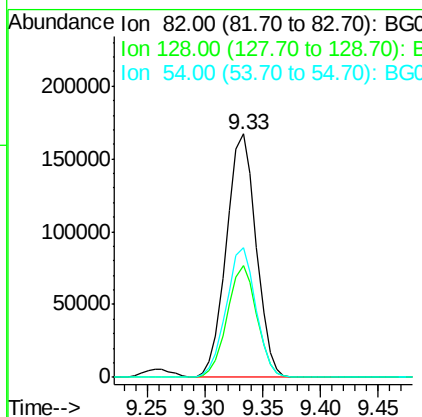
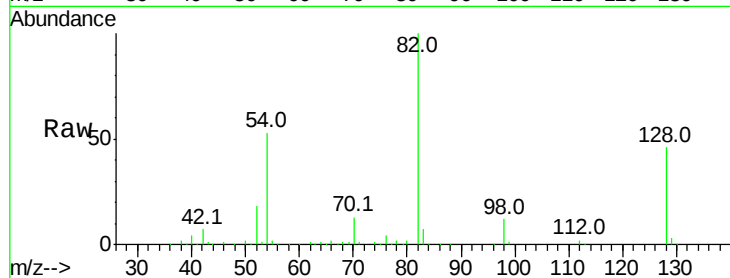




#23
 Nitrobenzene-d5
 Concen: 74.106 ng
 RT: 9.33 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG029362.D
 Acq: 19 Oct 2017 11:57

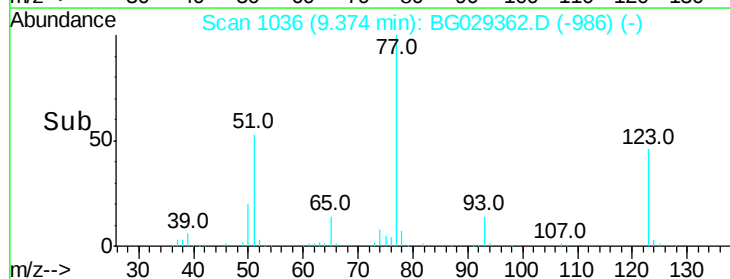
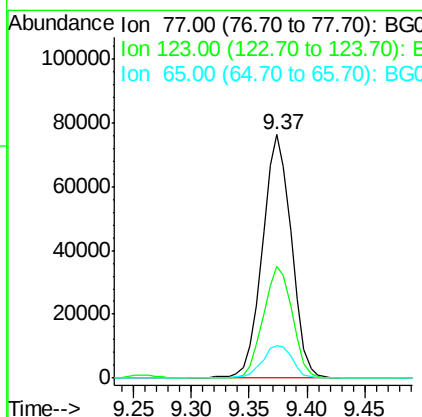
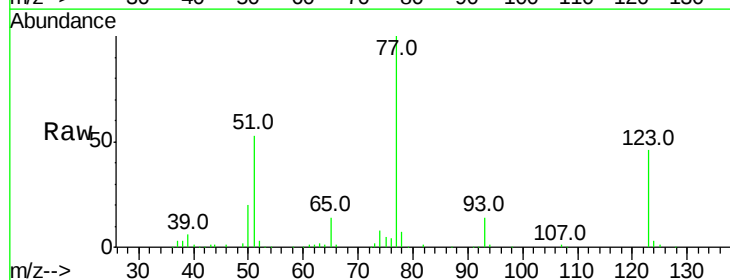
Instrument :
 BNA_G
 ClientSampleID :
 PB103396BS

Tot Ion:	82	Resp:	299102
Ion Ratio	Lower	Upper	
82	100		
128	45.9	29.7	44.5#
54	53.2	43.1	64.7



#24
 Nitrobenzene
 Concen: 29.423 ng
 RT: 9.37 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BG029362.D
 Acq: 19 Oct 2017 11:57

Tgt Ion:	77	Resp:	133525
Ion Ratio	Lower	Upper	
77	100		
123	45.9	33.0	49.6
65	13.6	13.0	19.6

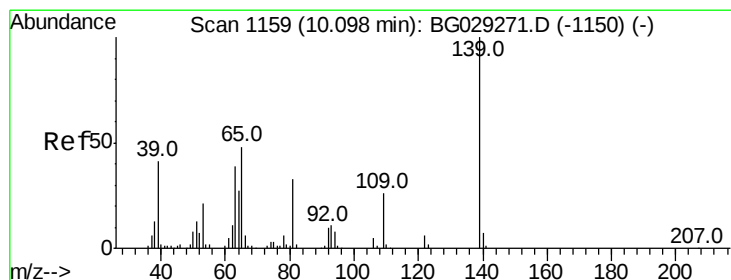
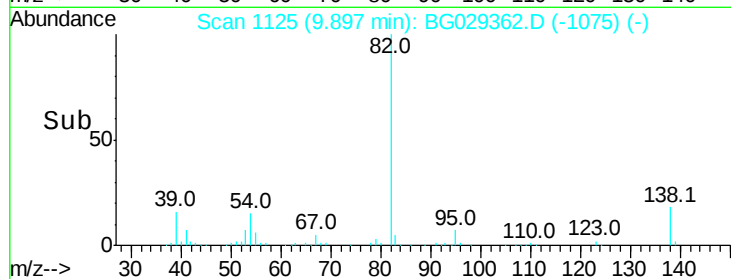
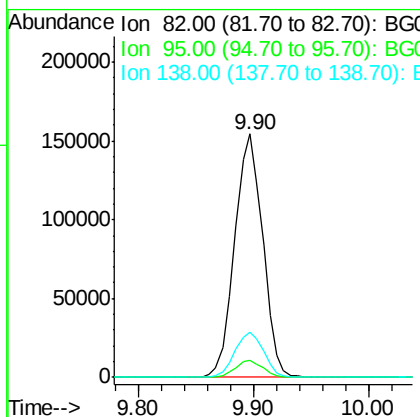
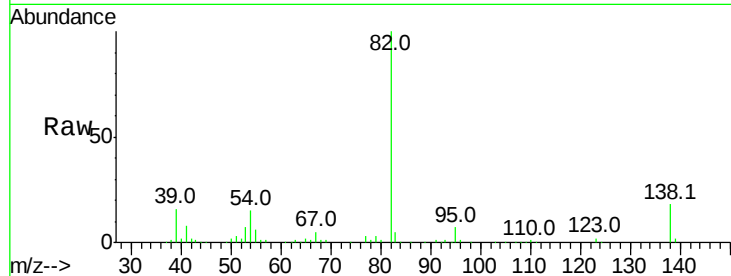




#25
Isophorone
Concen: 30.797 ng
RT: 9.90 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BG029362.D
Acq: 19 Oct 2017 11:57

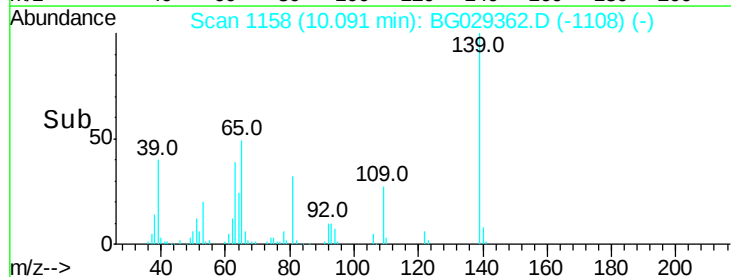
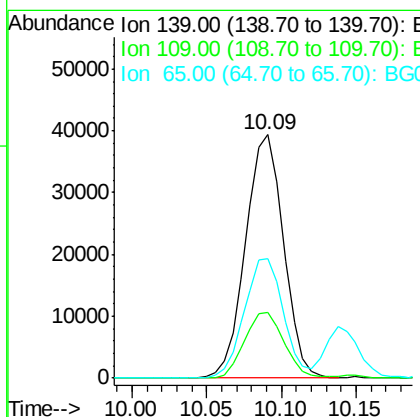
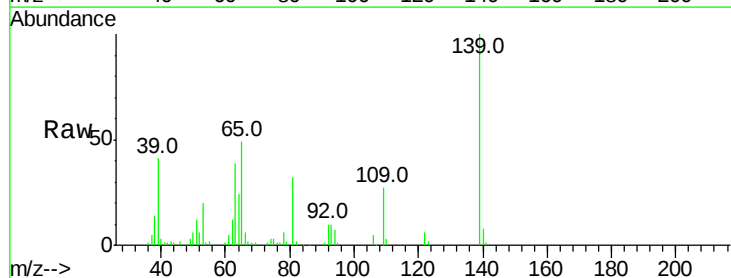
Instrument :
BNA_G
ClientSampleId :
PB103396BS

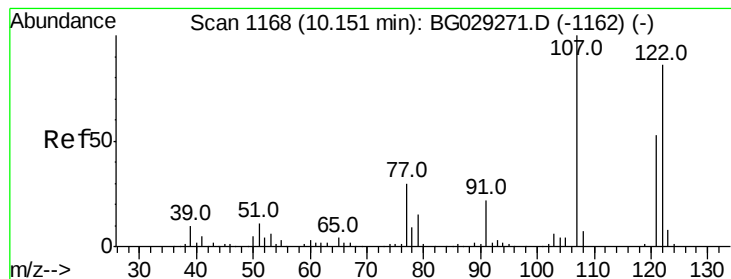
Tot Ion: 82 Resp: 259493
Ion Ratio Lower Upper
82 100
95 6.8 6.2 9.2
138 18.4 12.1 18.1#



#26
2-Nitrophenol
Concen: 31.908 ng
RT: 10.09 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BG029362.D
Acq: 19 Oct 2017 11:57

Tgt Ion: 139 Resp: 69206
Ion Ratio Lower Upper
139 100
109 26.8 24.2 36.2
65 48.9 47.4 71.0





#27

2,4-Dimethylphenol

Concen: 32.443 ng

RT: 10.14 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

Instrument :

BNA_G

ClientSampleId :

PB103396BS

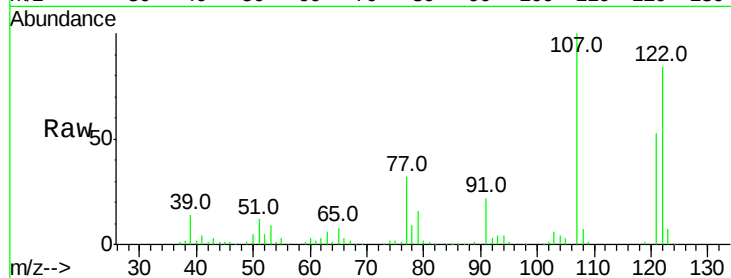
Tot Ion:122 Resp: 127312

Ion Ratio Lower Upper

122 100

107 119.5 100.2 150.2

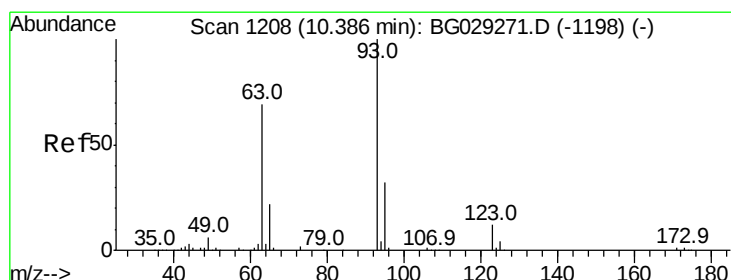
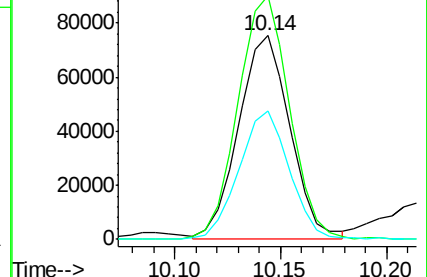
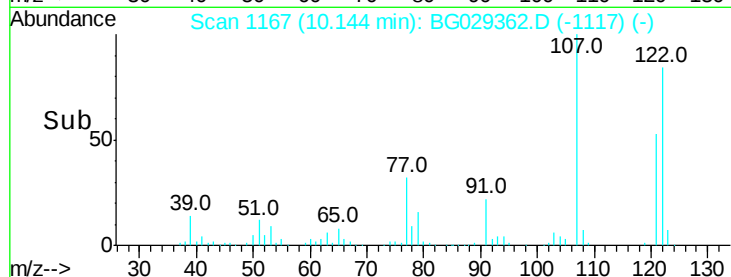
121 62.8 44.4 66.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 31.608 ng

RT: 10.38 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

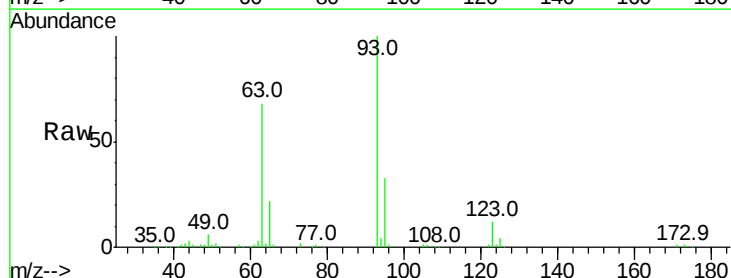
Tgt Ion: 93 Resp: 163306

Ion Ratio Lower Upper

93 100

95 33.2 24.3 36.5

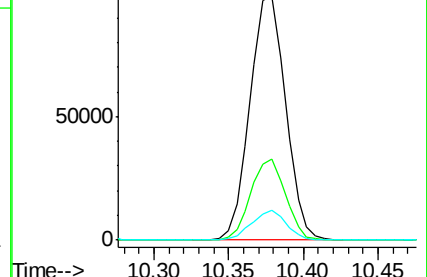
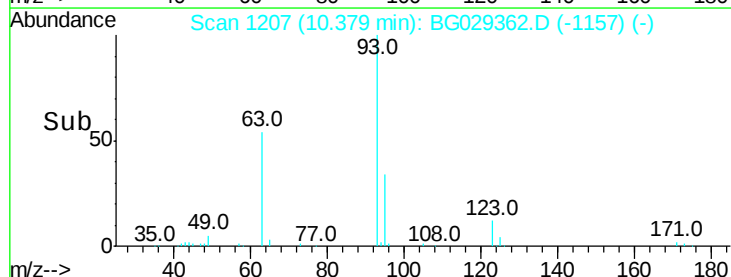
123 12.3 8.4 12.6

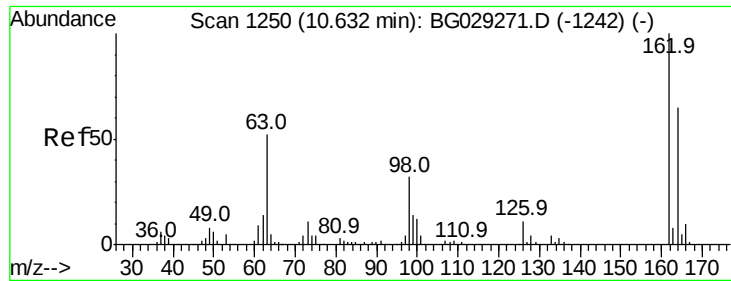


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

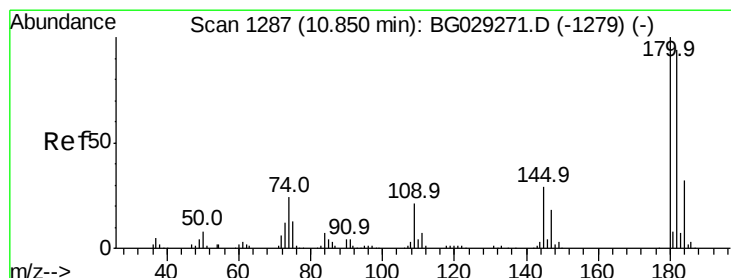
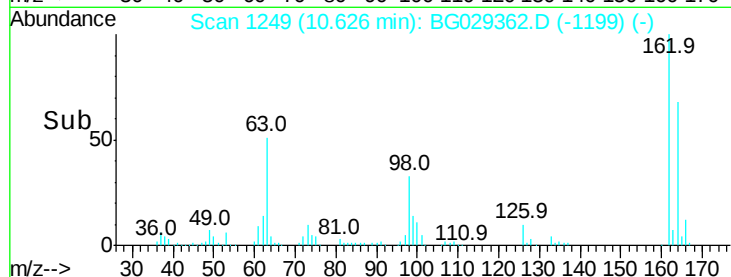
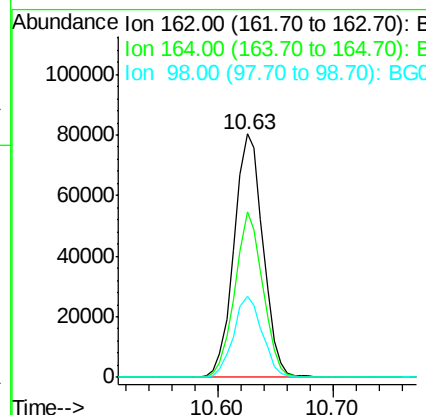
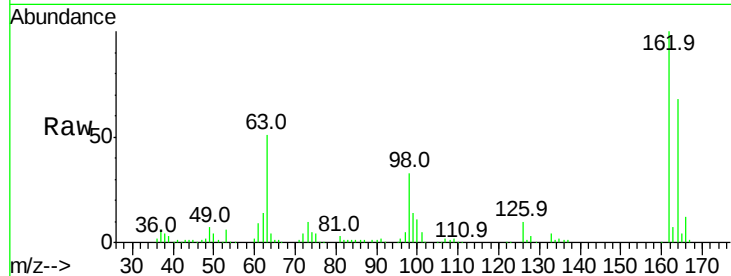




#29
 2,4-Dichlorophenol
 Concen: 33.422 ng
 RT: 10.63 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BG029362.D
 Acq: 19 Oct 2017 11:57

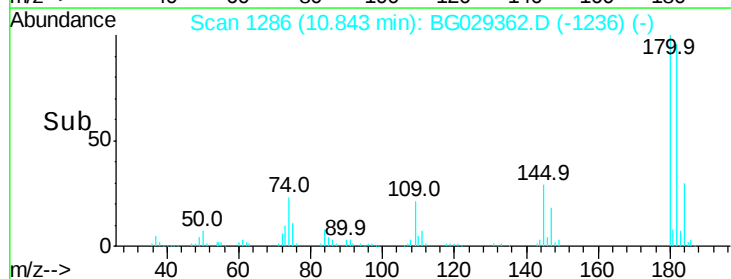
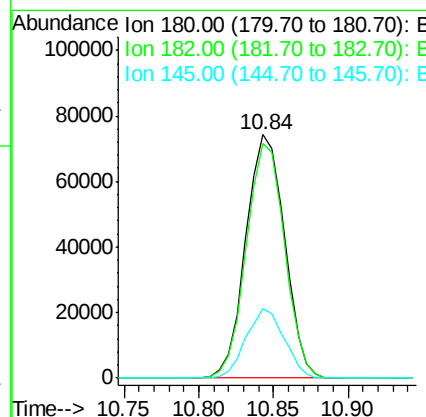
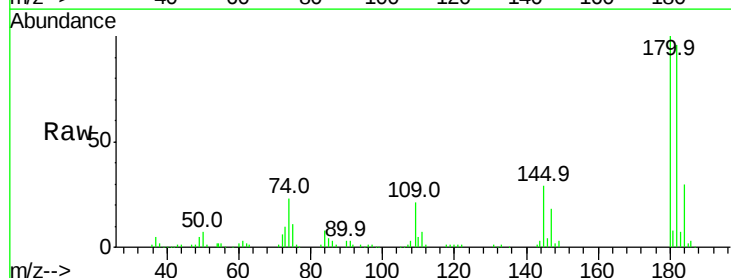
Instrument :
 BNA_G
 ClientSampleID :
 PB103396BS

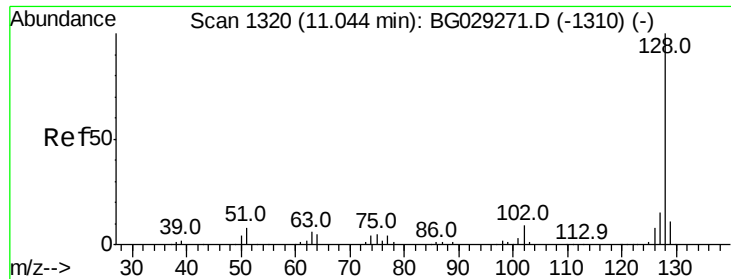
Tot Ion:162 Resp: 139861
 Ion Ratio Lower Upper
 162 100
 164 68.2 48.0 88.0
 98 33.4 21.1 61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 29.506 ng
 RT: 10.84 min Scan# 1286
 Delta R.T. -0.01 min
 Lab File: BG029362.D
 Acq: 19 Oct 2017 11:57

Tgt Ion:180 Resp: 133394
 Ion Ratio Lower Upper
 180 100
 182 96.5 77.5 116.3
 145 28.7 23.4 35.2





#31

Naphthalene

Concen: 29.289 ng

RT: 11.04 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

Instrument :

BNA_G

ClientSampled :

PB103396BS

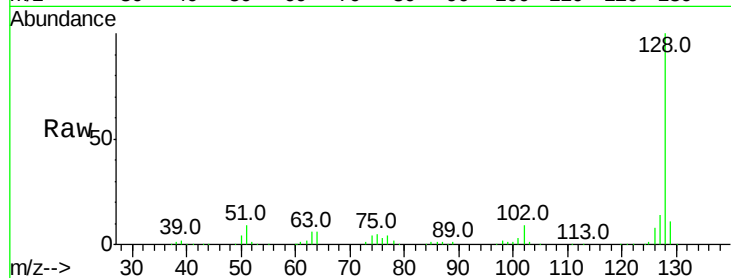
Tot Ion:128 Resp: 374389

Ion Ratio Lower Upper

128 100

129 11.4 8.6 12.8

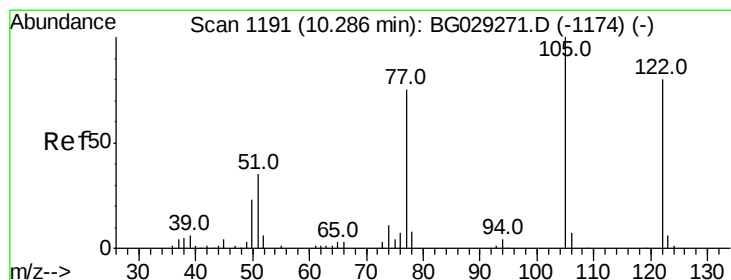
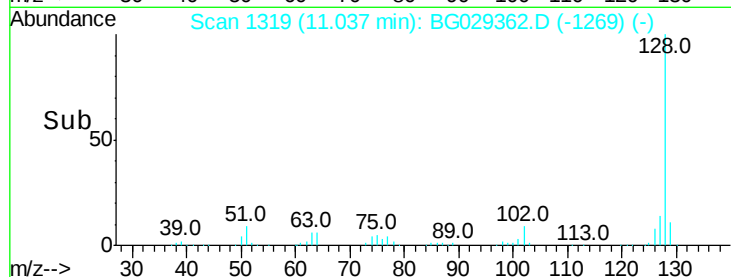
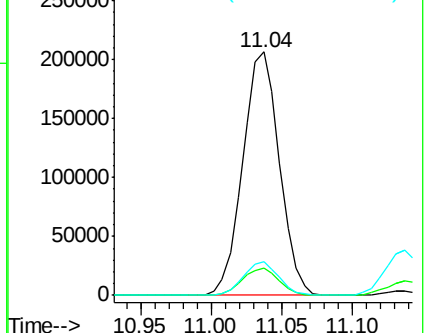
127 13.8 11.6 17.4



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: 30.928 ng

RT: 10.26 min Scan# 1186

Delta R.T. -0.03 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

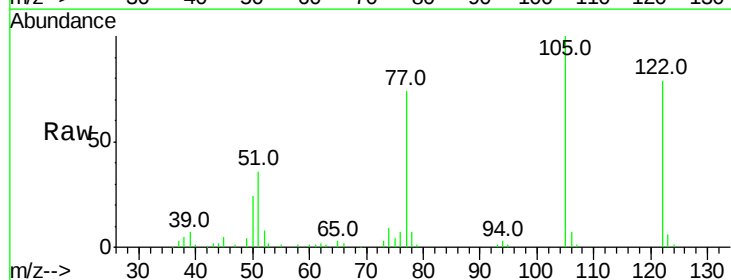
Tgt Ion:122 Resp: 101623

Ion Ratio Lower Upper

122 100

105 126.2 123.5 163.5

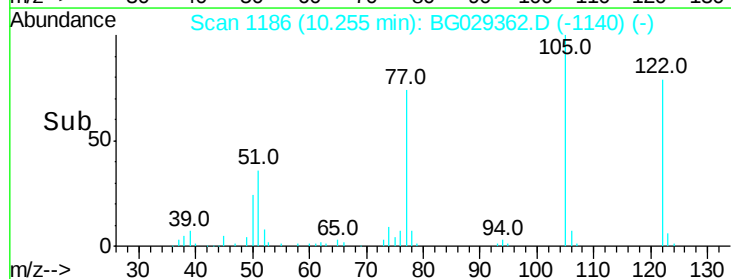
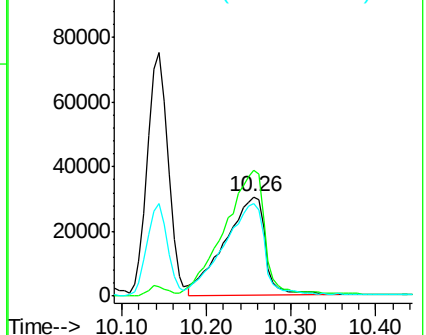
77 93.4 85.7 125.7

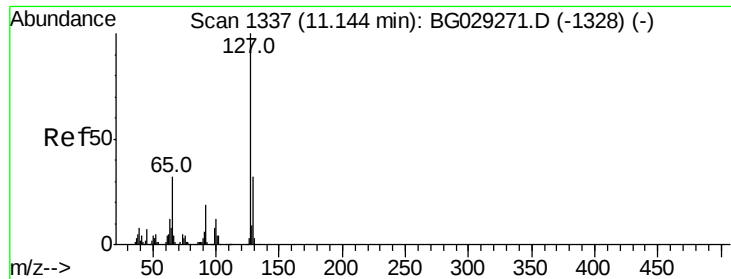


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

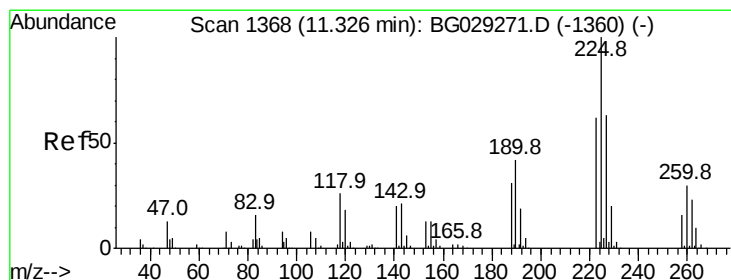
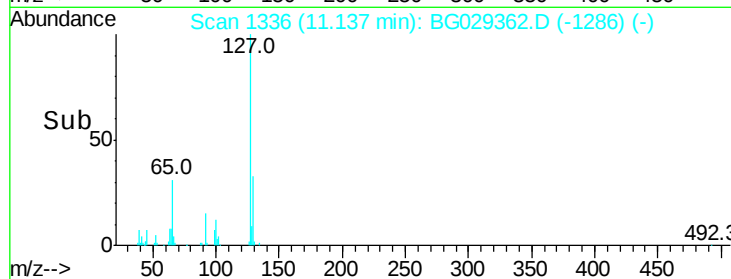
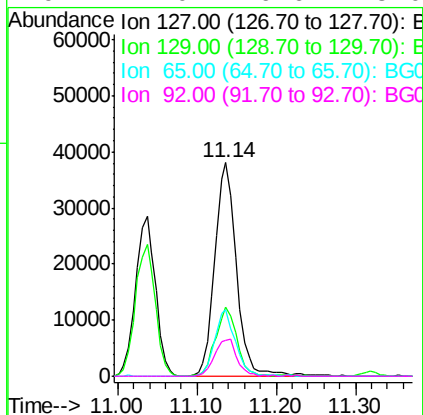
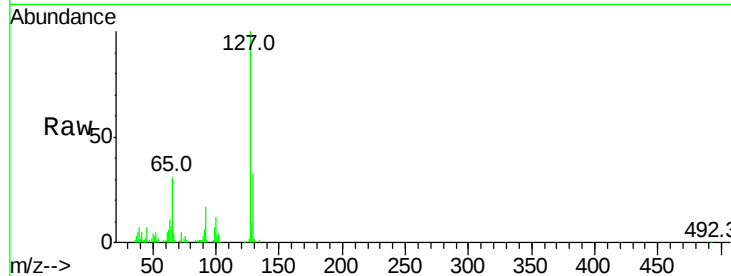




#33
4-Chloroaniline
Concen: 13.463 ng
RT: 11.14 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BG029362.D
Acq: 19 Oct 2017 11:57

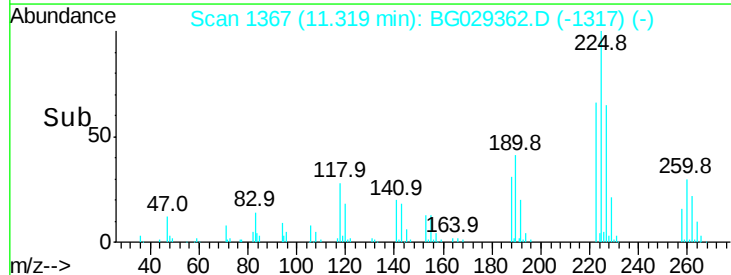
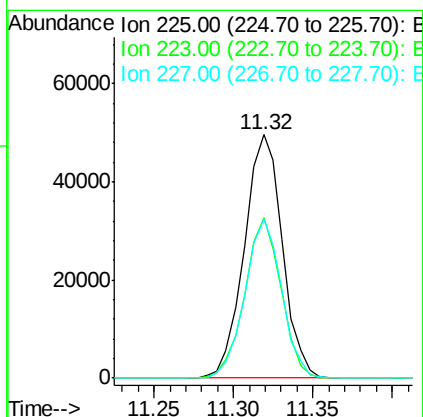
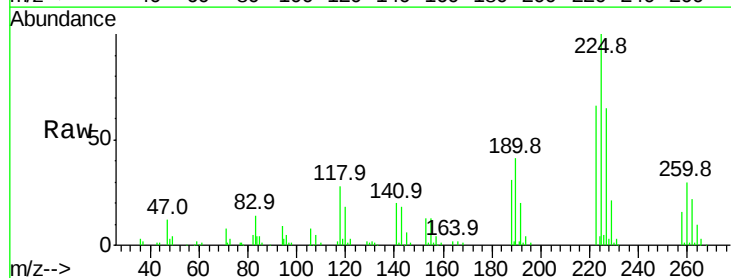
Instrument :
BNA_G
ClientSampleId :
PB103396BS

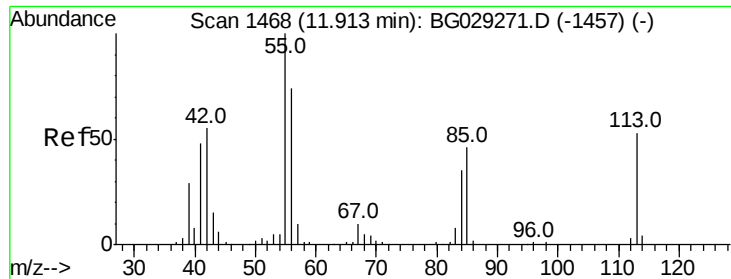
Tot Ion:127	Resp:	72388	
Ion Ratio	Lower	Upper	
127 100			
129 32.6	24.0	36.0	
65 31.4	27.0	40.4	
92 17.0	16.6	25.0	



#34
Hexachlorobutadiene
Concen: 29.326 ng
RT: 11.32 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BG029362.D
Acq: 19 Oct 2017 11:57

Tgt	Ion:225	Resp:	82433
Ion	Ratio	Lower	Upper
225	100		
223	65.8	49.7	74.5
227	65.3	48.1	72.1





#35

Caprolactam

Concen: 38.713 ng

RT: 11.89 min Scan# 1465

Delta R.T. -0.02 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

Instrument :

BNA_G

ClientSampleId :

PB103396BS

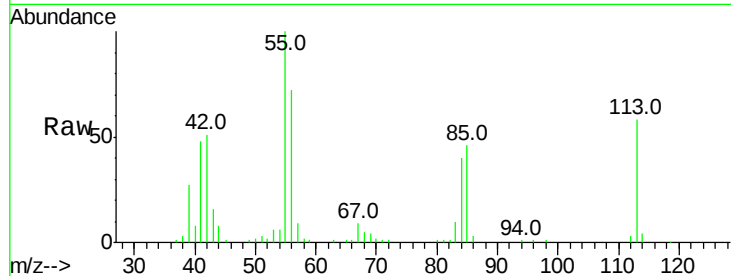
Tot Ion:113 Resp: 53840

Ion Ratio Lower Upper

113 100

55 171.0 186.9 226.9#

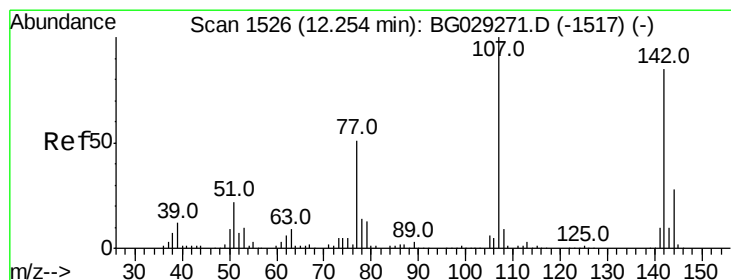
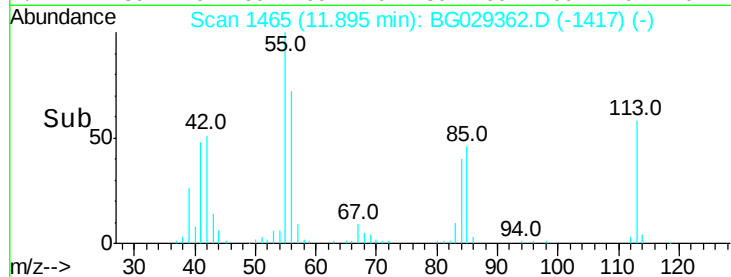
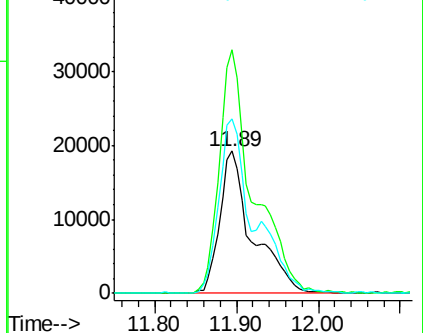
56 122.5 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 32.962 ng

RT: 12.25 min Scan# 1525

Delta R.T. -0.01 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

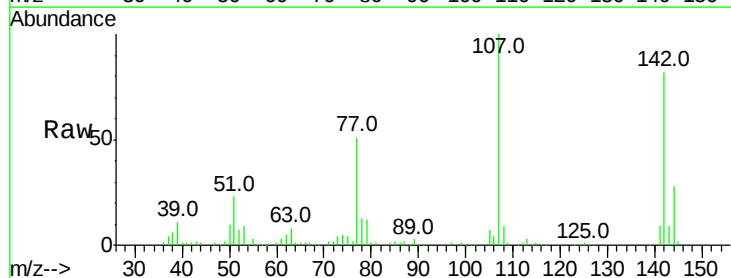
Tgt Ion:107 Resp: 151709

Ion Ratio Lower Upper

107 100

144 28.0 18.2 27.4#

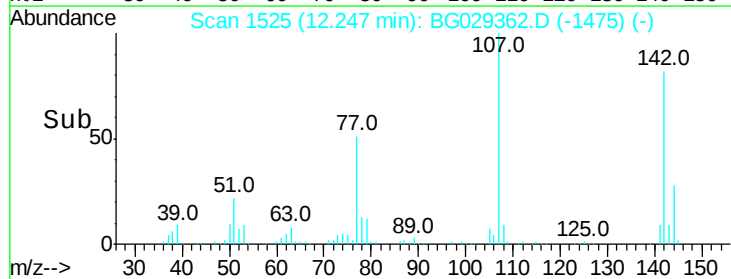
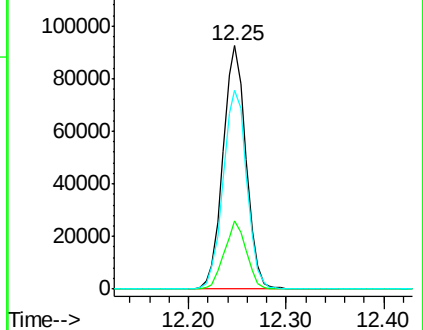
142 81.7 59.0 88.4

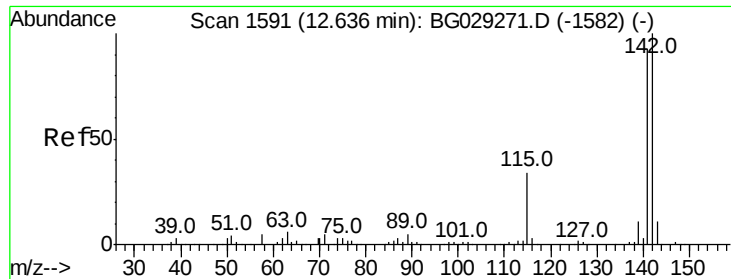


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

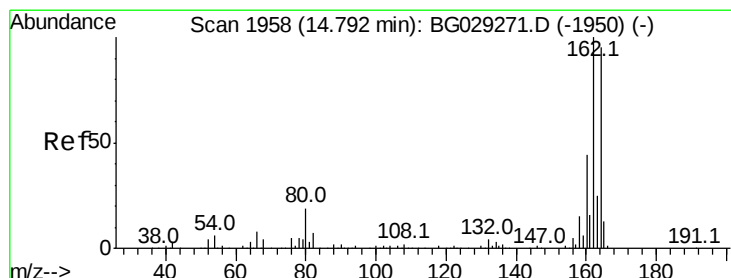
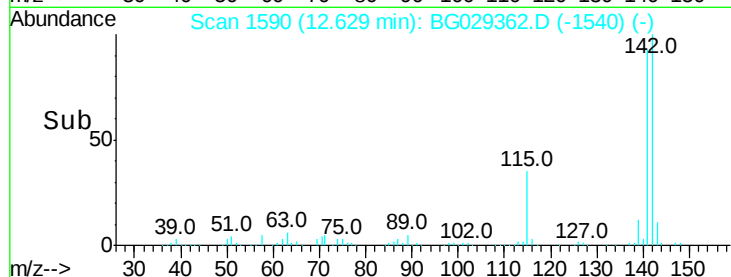
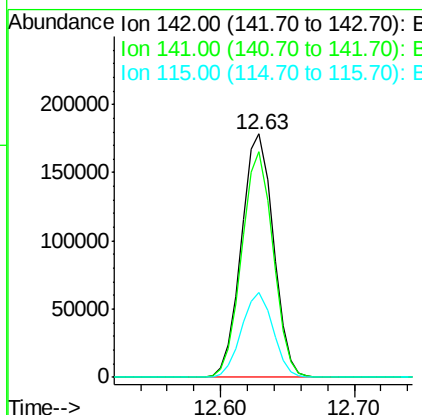
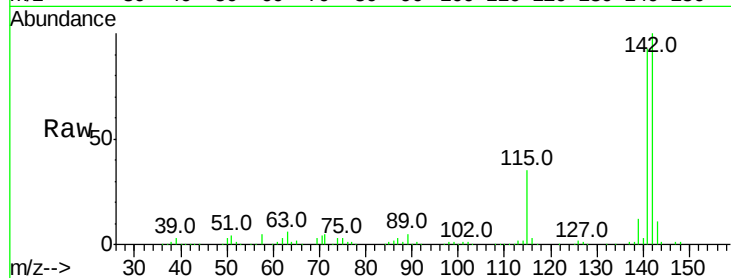




#37
2-Methylnaphthalene
Concen: 31.652 ng
RT: 12.63 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BG029362.D
Acq: 19 Oct 2017 11:57

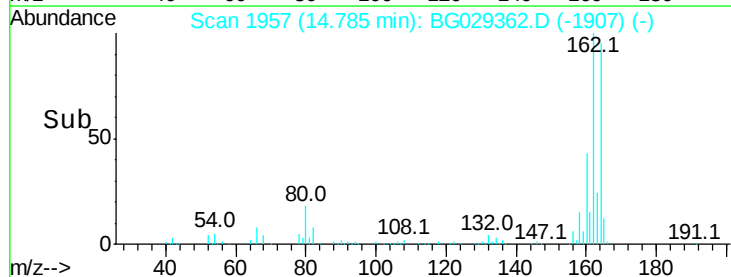
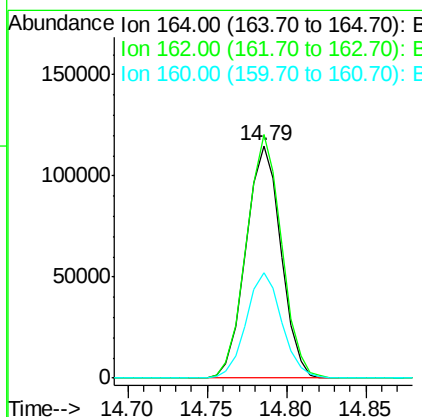
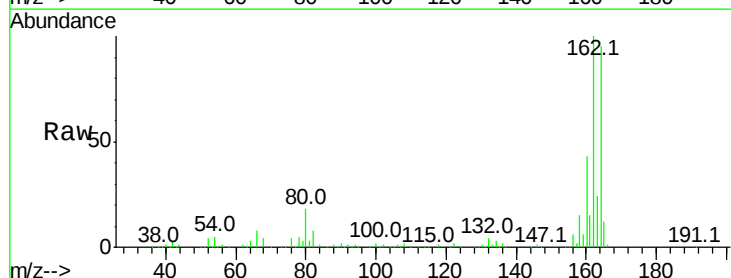
Instrument :
BNA_G
ClientSampleId :
PB103396BS

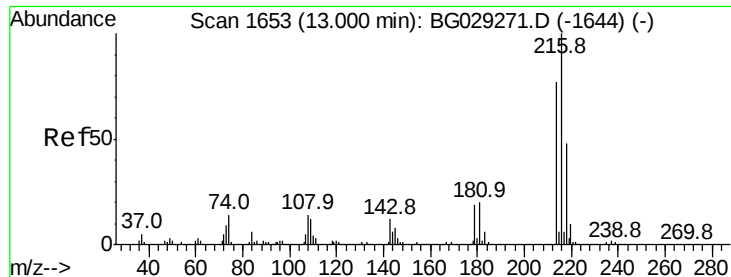
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.5	67.1	100.7
115	34.8	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG029362.D
Acq: 19 Oct 2017 11:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	78.8	118.2
160	45.2	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 24.814 ng

RT: 12.99 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

Instrument :

BNA_G

ClientSampleId :

PB103396BS

Tot Ion:216 Resp: 160546

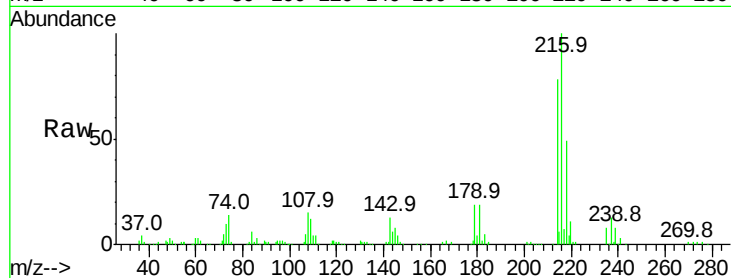
Ion Ratio Lower Upper

216 100

214 77.4 63.0 94.4

179 19.6 17.0 25.6

108 17.9 12.8 19.2

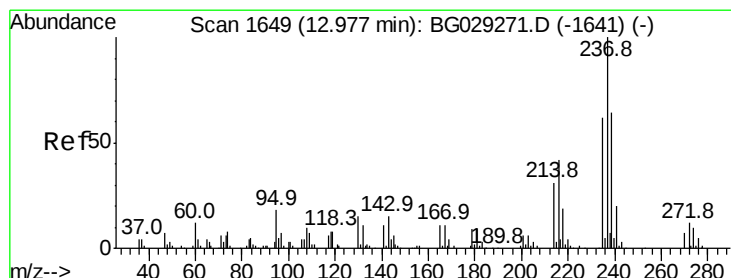
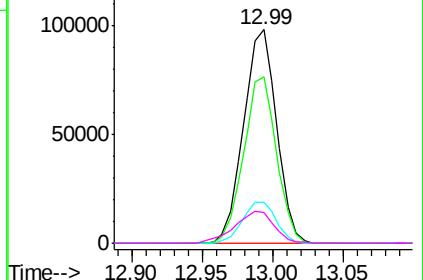
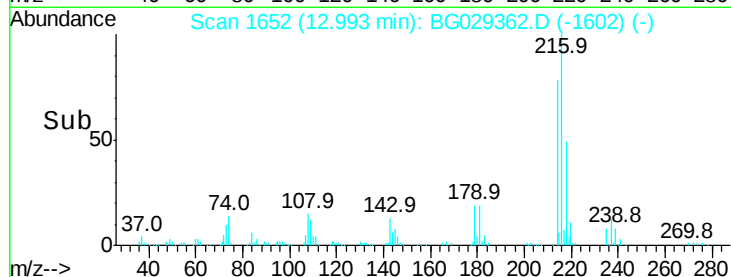


Abundance Ion 216.00 (215.70 to 216.70): E

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: 84.355 ng

RT: 12.97 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

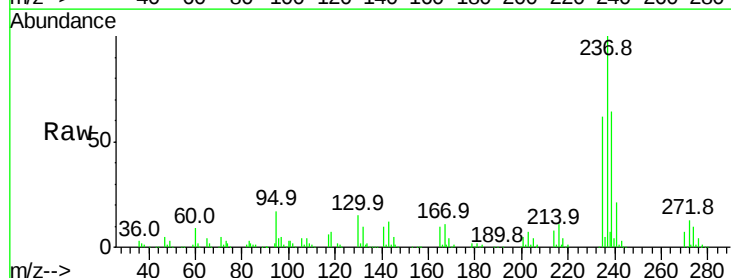
Tgt Ion:237 Resp: 207412

Ion Ratio Lower Upper

237 100

235 61.9 50.4 90.4

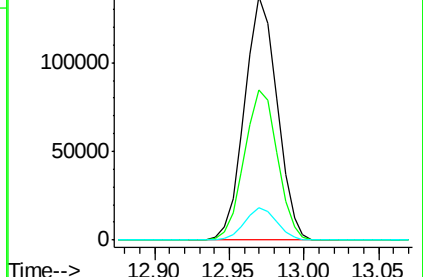
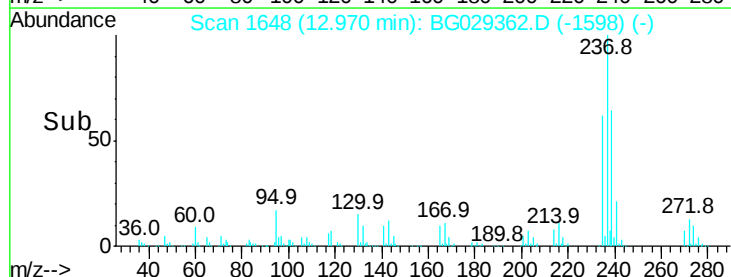
272 13.5 0.0 31.8



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: 126.422 ng

RT: 16.27 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

Instrument :

BNA_G

ClientSampleId :

PB103396BS

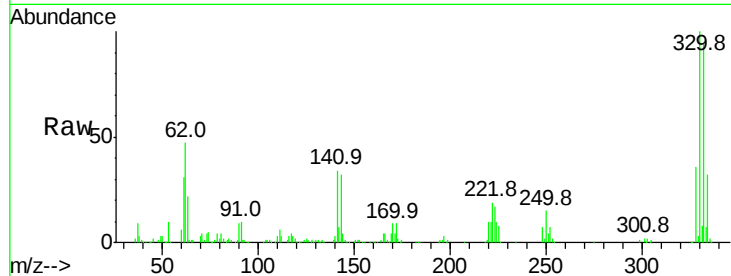
Tot Ion:330 Resp: 289249

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

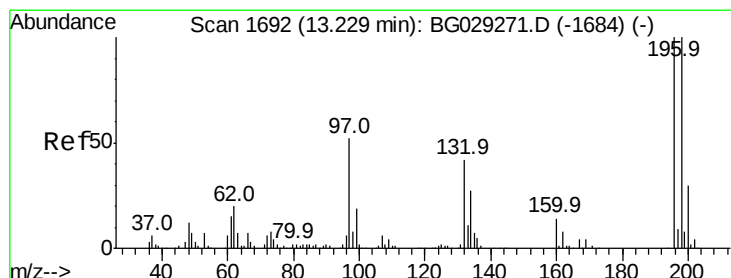
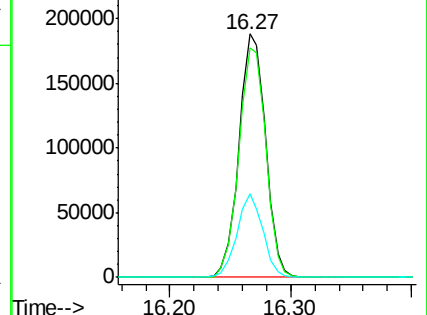
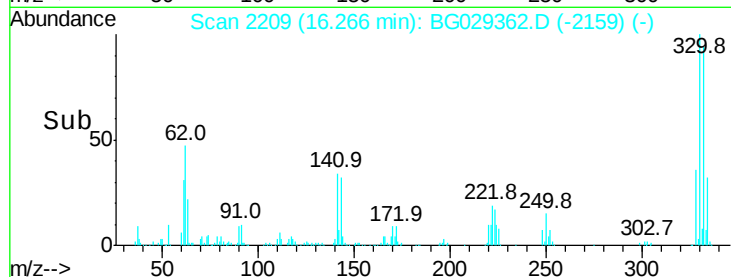
141 32.9 25.2 37.8



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 30.036 ng

RT: 13.22 min Scan# 1691

Delta R.T. -0.01 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

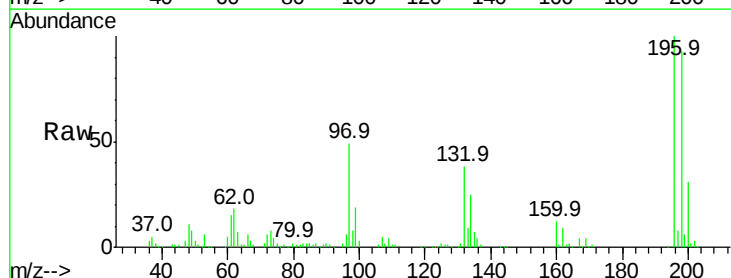
Tgt Ion:196 Resp: 121992

Ion Ratio Lower Upper

196 100

198 93.2 78.2 117.2

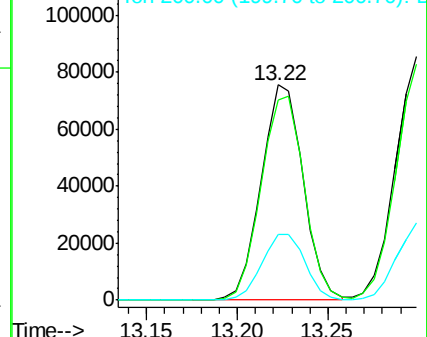
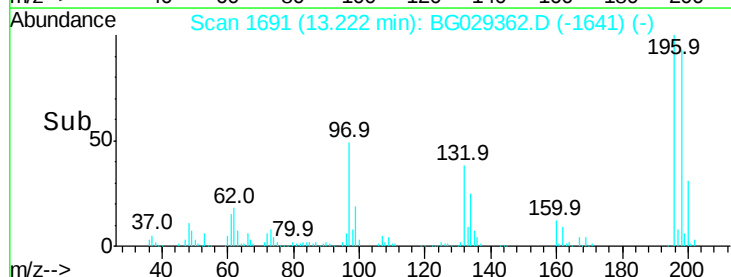
200 30.6 24.6 36.8



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

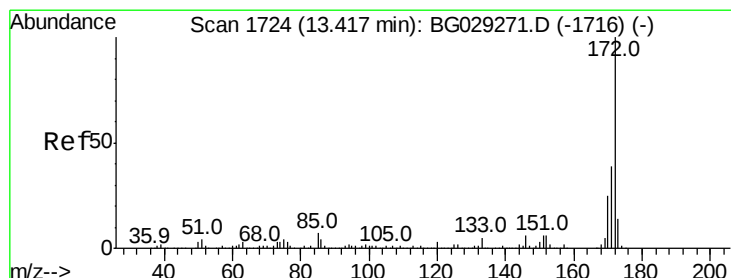
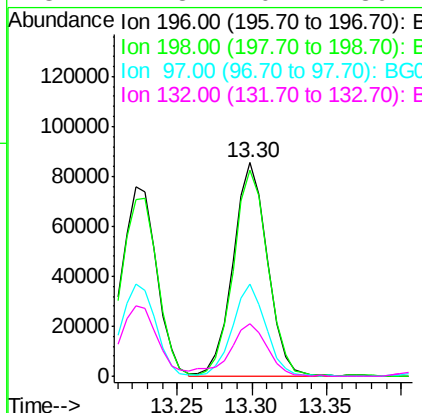
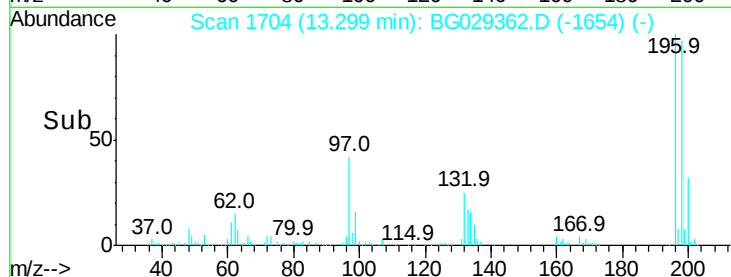
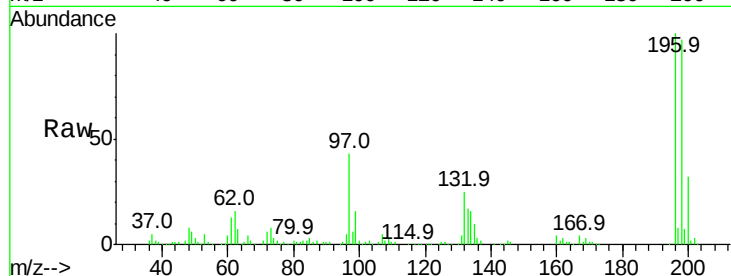




#43
 2,4,5-Trichlorophenol
 Concen: 32.690 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG029362.D
 Acq: 19 Oct 2017 11:57

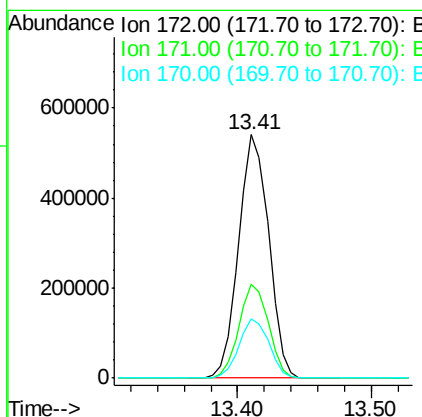
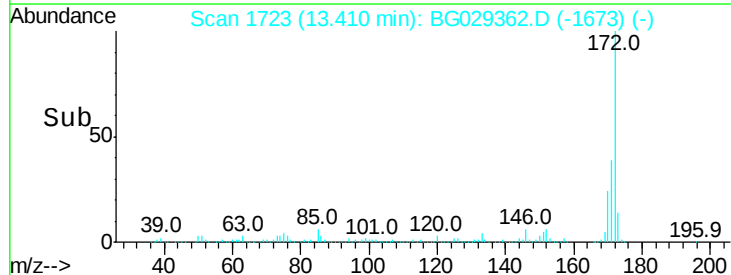
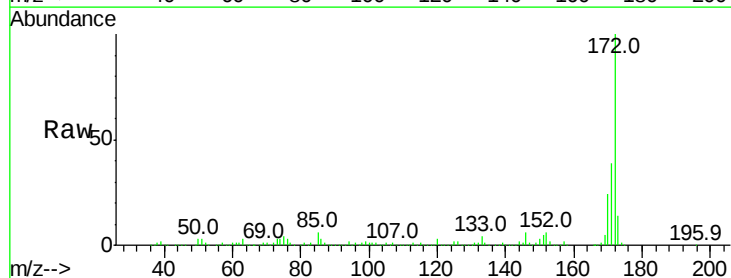
Instrument :
 BNA_G
 ClientSampleId :
 PB103396BS

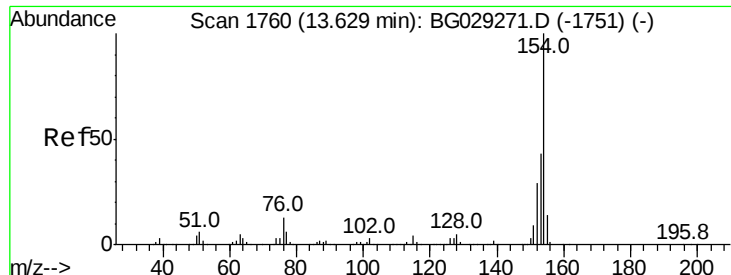
Tot Ion:196 Resp: 136355
 Ion Ratio Lower Upper
 196 100
 198 96.7 76.2 114.4
 97 42.9 38.7 58.1
 132 24.8 20.2 30.2



#44
 2-Fluorobiphenyl
 Concen: 69.593 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG029362.D
 Acq: 19 Oct 2017 11:57

Tgt Ion:172 Resp: 840861
 Ion Ratio Lower Upper
 172 100
 171 38.7 30.0 45.0
 170 24.4 19.5 29.3





#45

1,1'-Biphenyl

Concen: 26.839 ng

RT: 13.62 min Scan# 1759

Delta R.T. -0.01 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

Instrument :

BNA_G

ClientSampleId :

PB103396BS

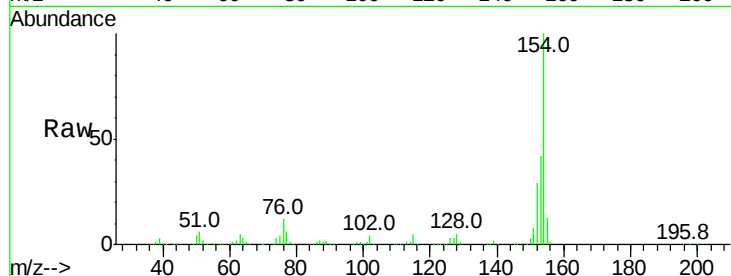
Tot Ion:154 Resp: 408811

Ion Ratio Lower Upper

154 100

153 42.3 19.8 59.8

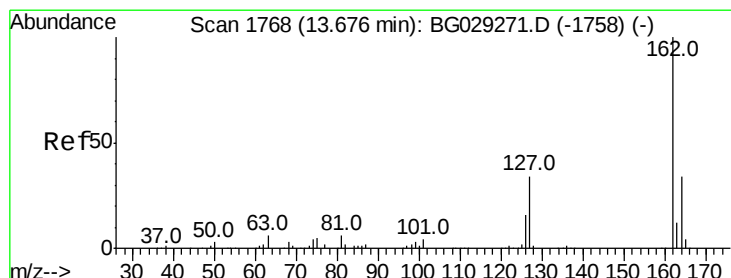
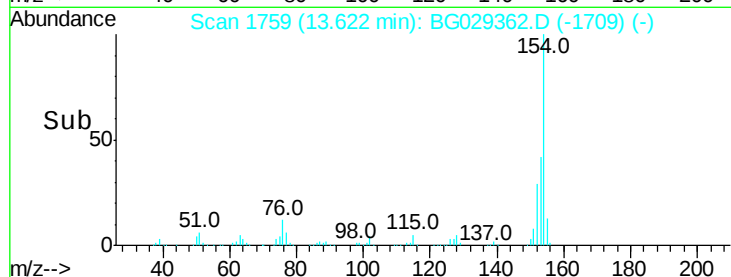
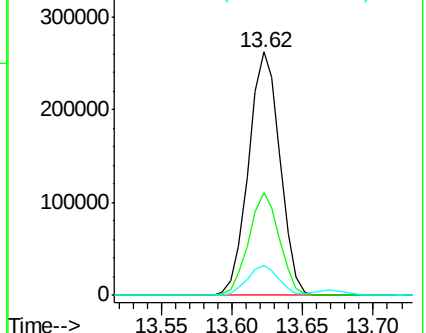
76 12.5 0.0 31.9



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: 27.824 ng

RT: 13.67 min Scan# 1767

Delta R.T. -0.01 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

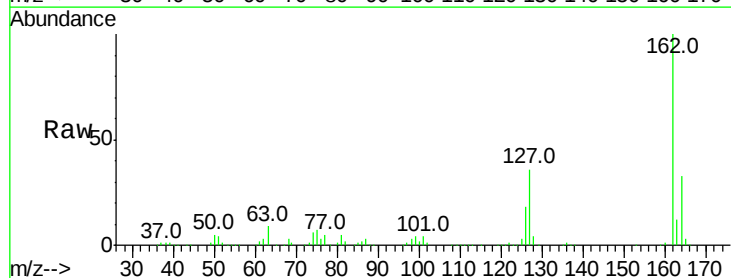
Tgt Ion:162 Resp: 309131

Ion Ratio Lower Upper

162 100

127 36.1 30.7 46.1

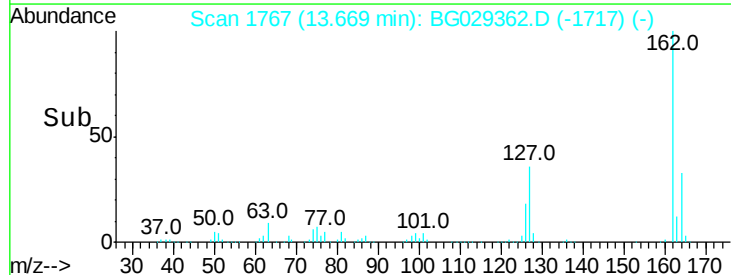
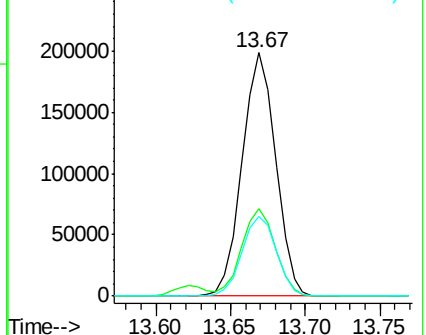
164 32.6 26.0 39.0

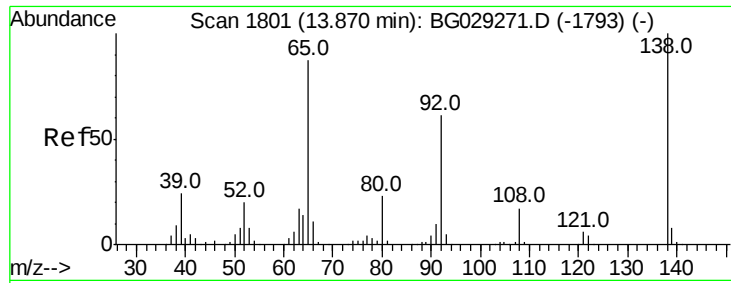


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

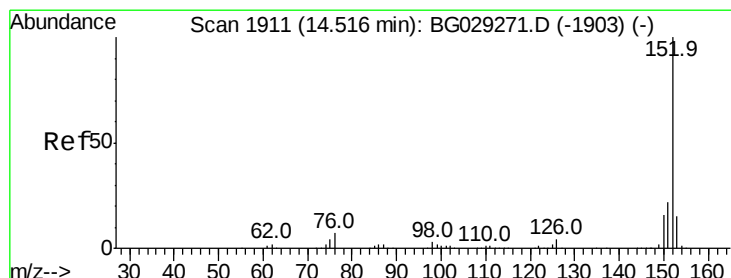
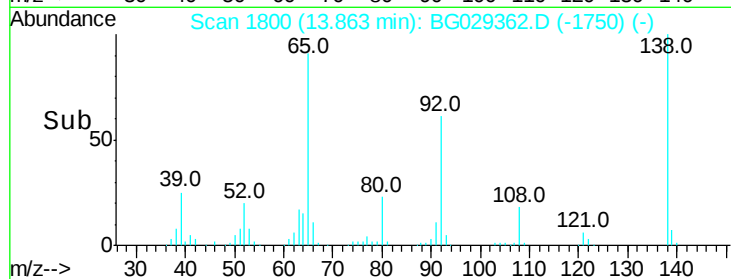
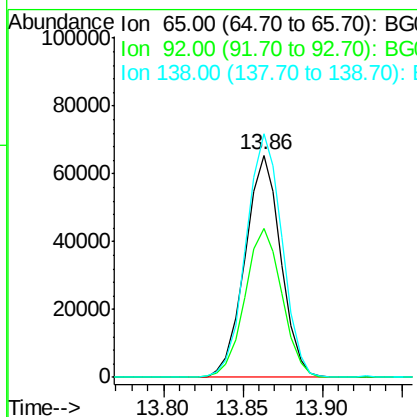
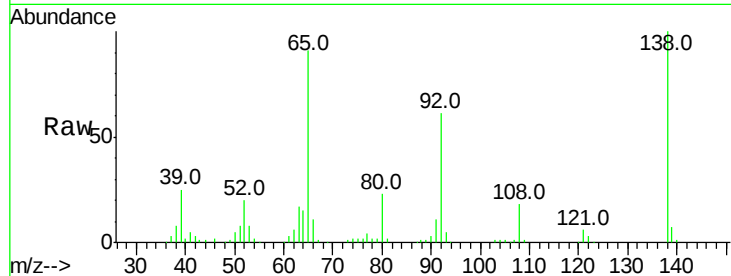




#47
 2-Nitroaniline
 Concen: 33.508 ng
 RT: 13.86 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG029362.D
 Acq: 19 Oct 2017 11:57

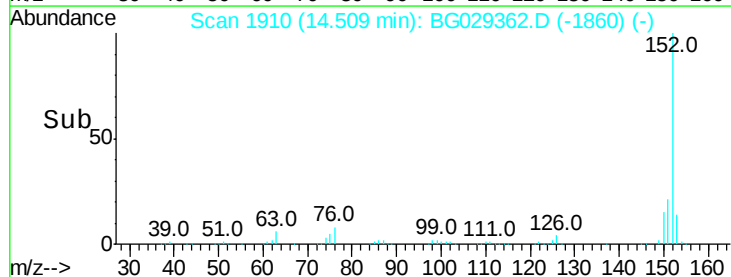
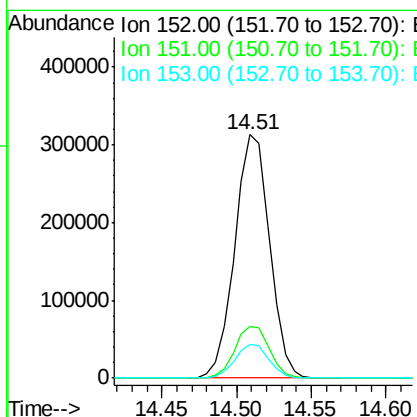
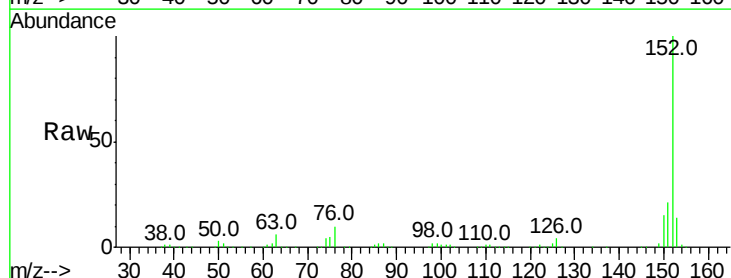
Instrument :
 BNA_G
 ClientSampleId :
 PB103396BS

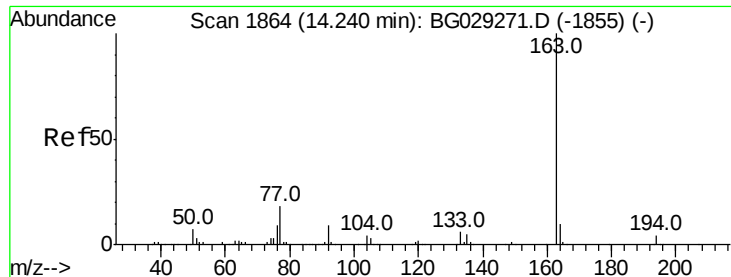
Tot Ion: 65 Resp: 102256
 Ion Ratio Lower Upper
 65 100
 92 66.9 54.6 82.0
 138 109.7 72.9 109.3#



#48
 Acenaphthylene
 Concen: 29.151 ng
 RT: 14.51 min Scan# 1910
 Delta R.T. -0.01 min
 Lab File: BG029362.D
 Acq: 19 Oct 2017 11:57

Tgt Ion: 152 Resp: 506887
 Ion Ratio Lower Upper
 152 100
 151 21.4 17.2 25.8
 153 14.0 10.2 15.4





#49

Dimethylphthalate

Concen: 32.167 ng

RT: 14.23 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

Instrument :

BNA_G

ClientSampleId :

PB103396BS

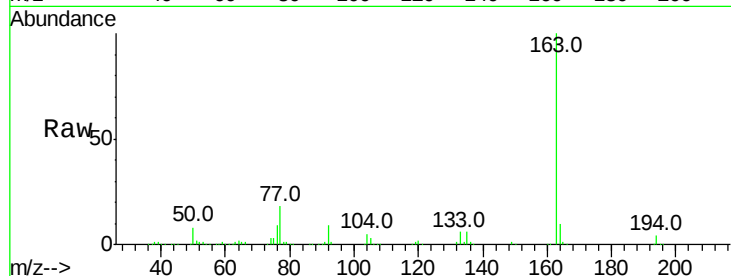
Tot Ion:163 Resp: 444751

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

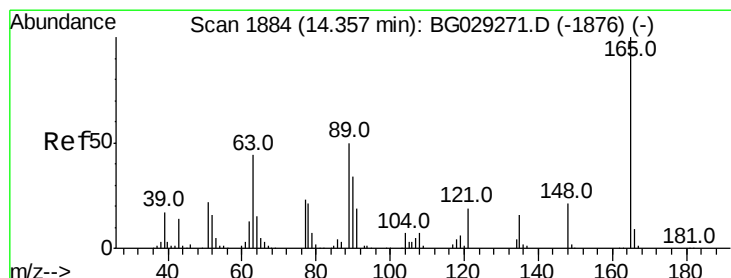
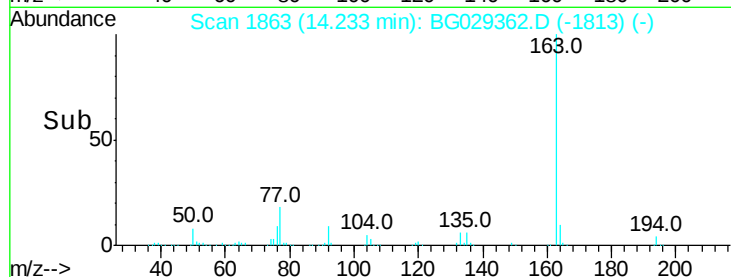
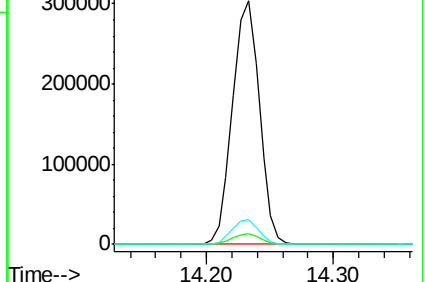
164 10.1 8.2 12.4



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: 33.410 ng

RT: 14.35 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

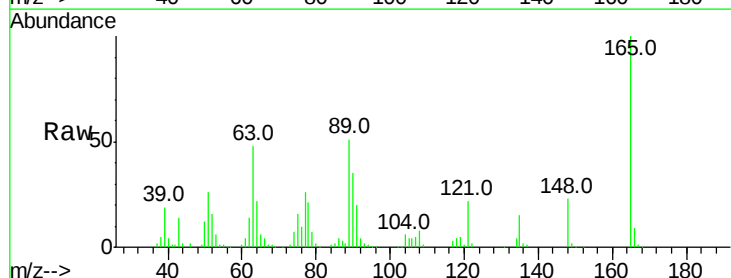
Tgt Ion:165 Resp: 96837

Ion Ratio Lower Upper

165 100

63 47.6 52.7 79.1#

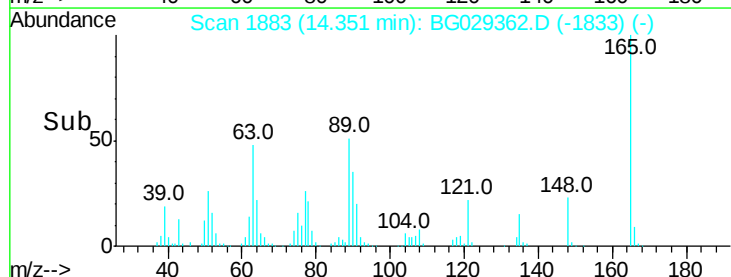
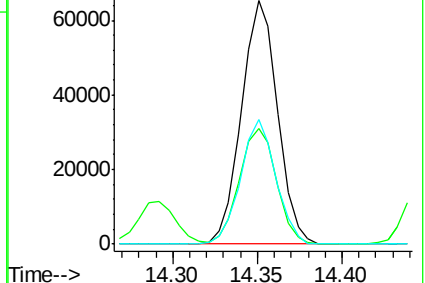
89 51.3 49.2 73.8

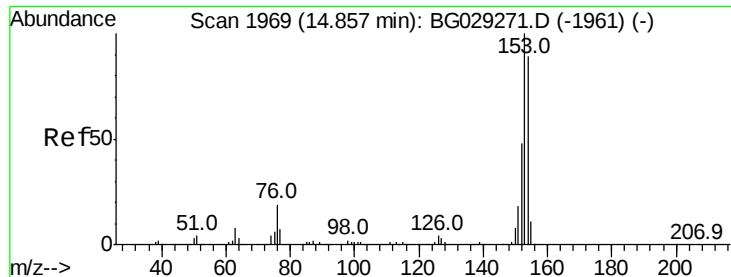


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 27.728 ng

RT: 14.85 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

Instrument :

BNA_G

ClientSampleId :

PB103396BS

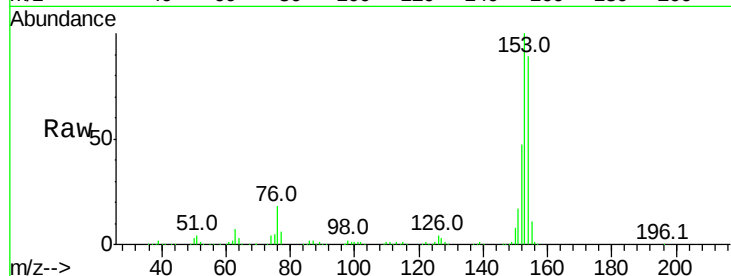
Tot Ion:154 Resp: 313697

Ion Ratio Lower Upper

154 100

153 113.0 90.4 135.6

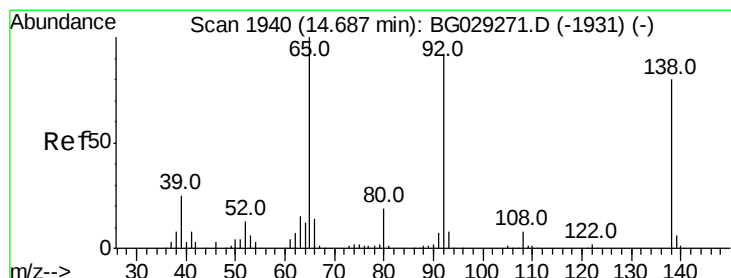
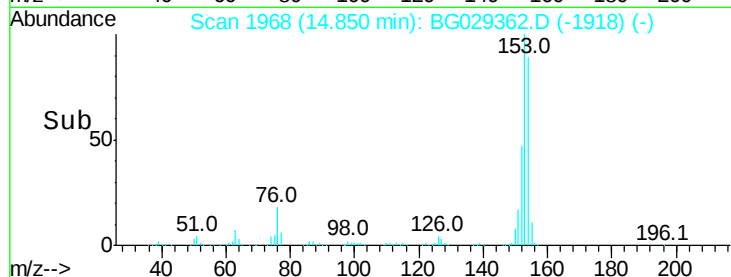
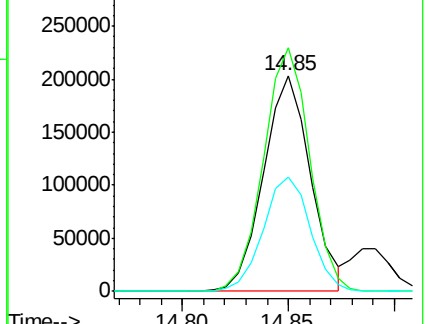
152 53.3 41.6 62.4



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: 17.762 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

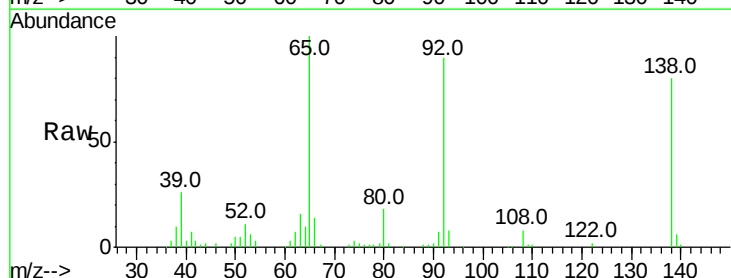
Tgt Ion:138 Resp: 55553

Ion Ratio Lower Upper

138 100

108 10.1 17.5 26.3#

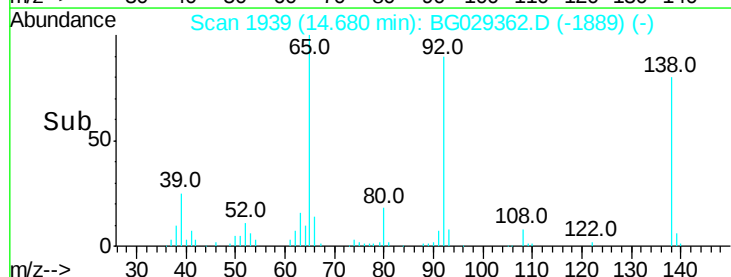
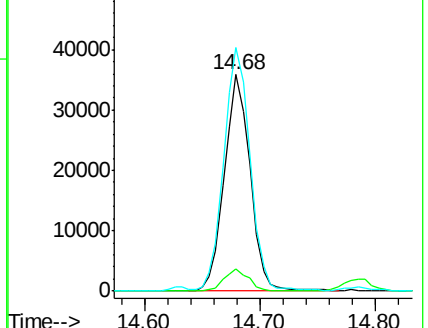
92 112.4 105.8 158.8

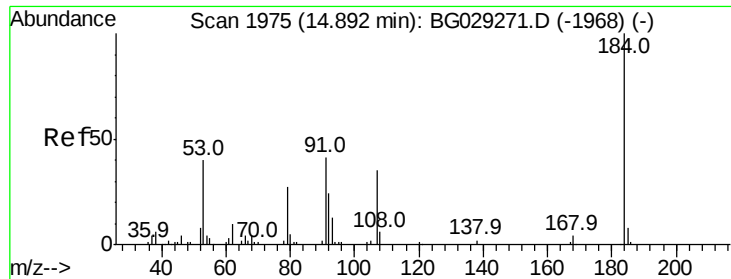


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

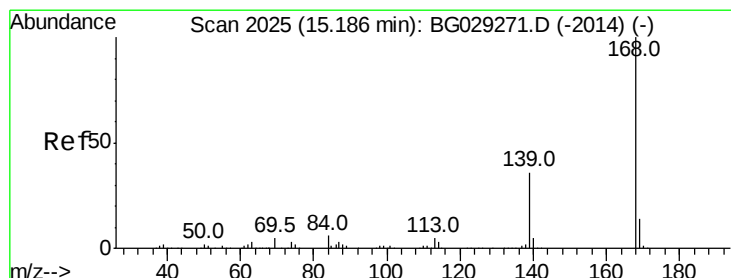
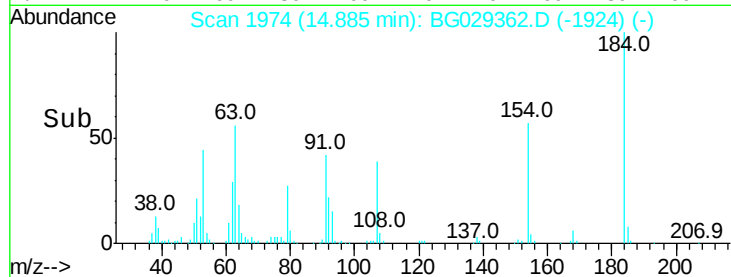
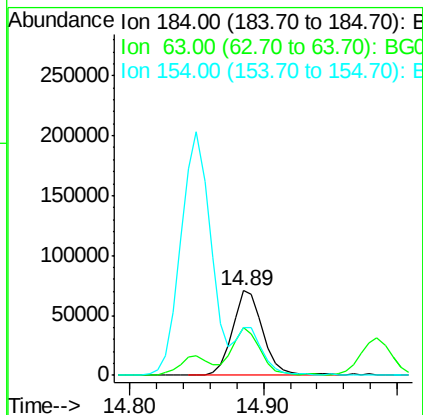
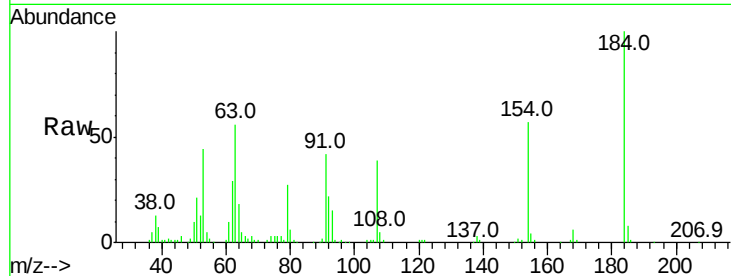




#53
 2,4-Dinitrophenol
 Concen: 70.964 ng
 RT: 14.89 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BG029362.D
 Acq: 19 Oct 2017 11:57

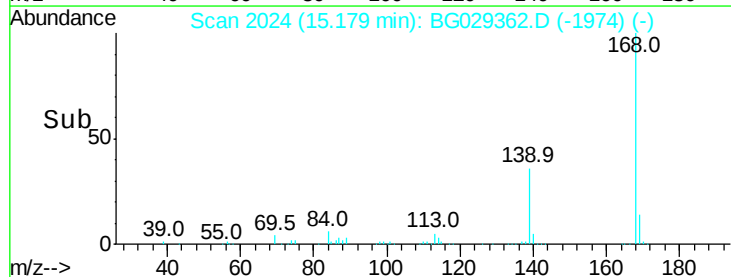
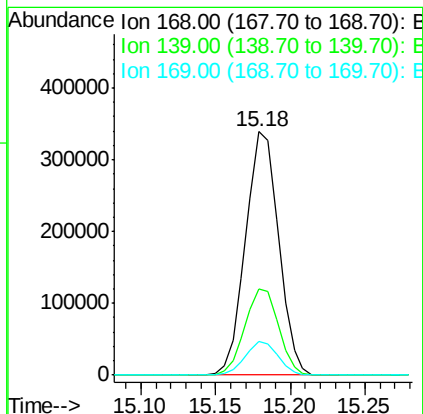
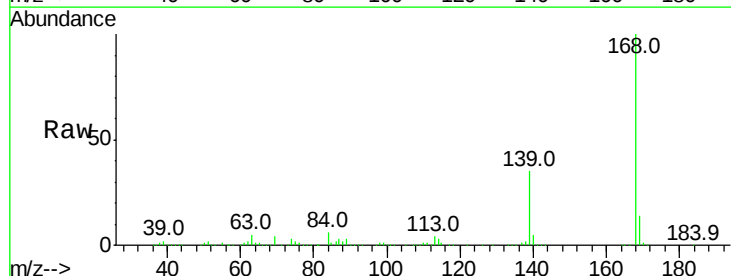
Instrument :
 BNA_G
 ClientSampleId :
 PB103396BS

Tot Ion:184 Resp: 111961
 Ion Ratio Lower Upper
 184 100
 63 56.1 59.8 89.8#
 154 57.2 101.8 152.8#



#54
 Dibenzoofuran
 Concen: 32.215 ng
 RT: 15.18 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BG029362.D
 Acq: 19 Oct 2017 11:57

Tgt Ion:168 Resp: 520298
 Ion Ratio Lower Upper
 168 100
 139 35.3 28.6 43.0
 169 14.1 11.2 16.8

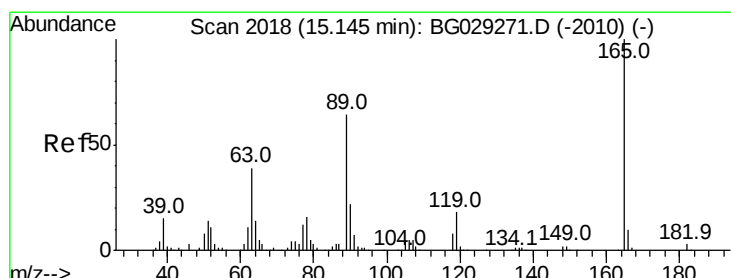
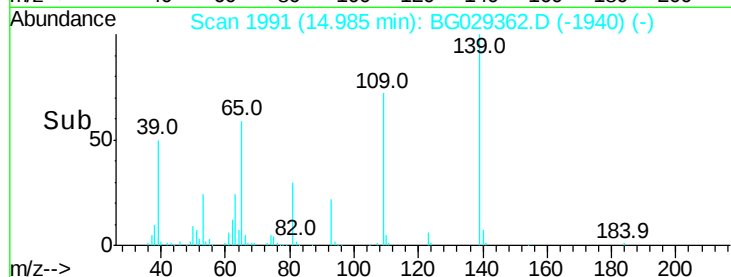
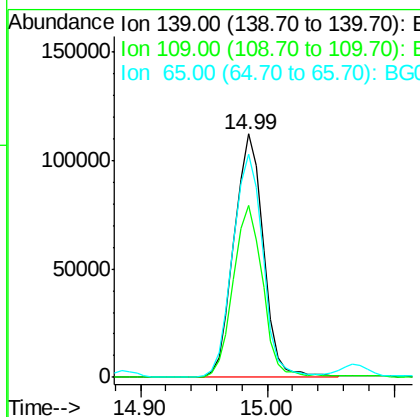
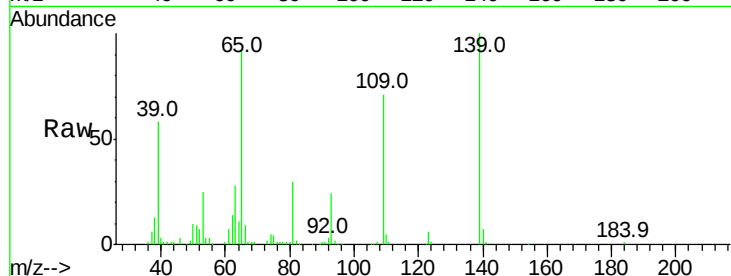




#55
4-Nitrophenol
Concen: 70.160 ng
RT: 14.99 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BG029362.D
Acq: 19 Oct 2017 11:57

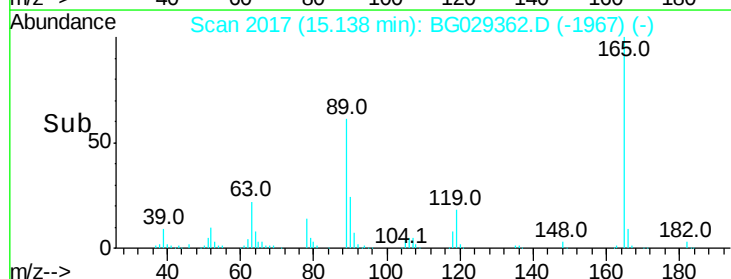
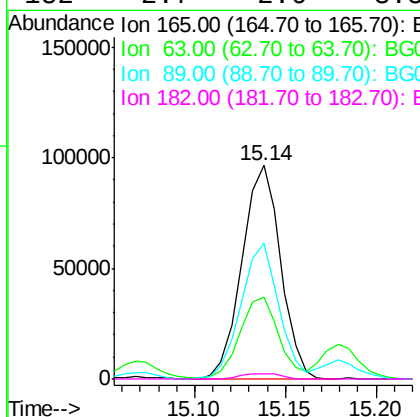
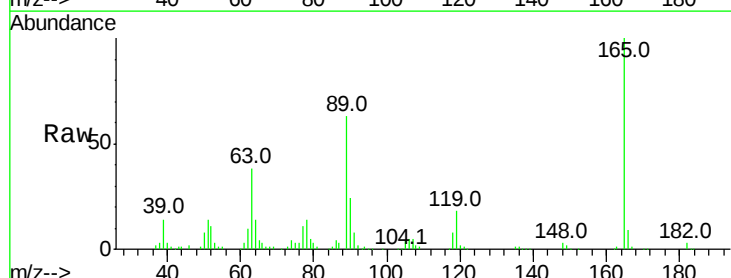
Instrument :
BNA_G
ClientSampleId :
PB103396BS

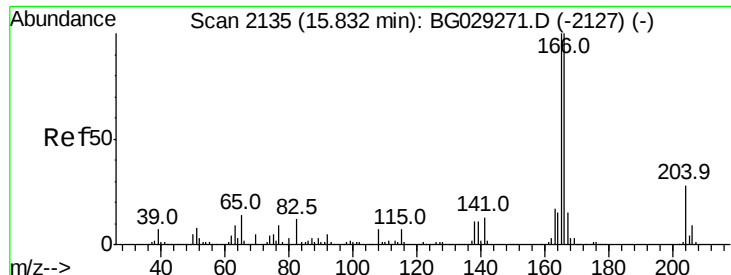
Tot Ion:139 Resp: 180908
Ion Ratio Lower Upper
139 100
109 70.8 62.2 102.2
65 91.8 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 36.376 ng
RT: 15.14 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BG029362.D
Acq: 19 Oct 2017 11:57

Tgt Ion:165 Resp: 142727
Ion Ratio Lower Upper
165 100
63 38.1 42.0 63.0#
89 63.3 66.9 100.3#
182 2.7 2.6 3.8

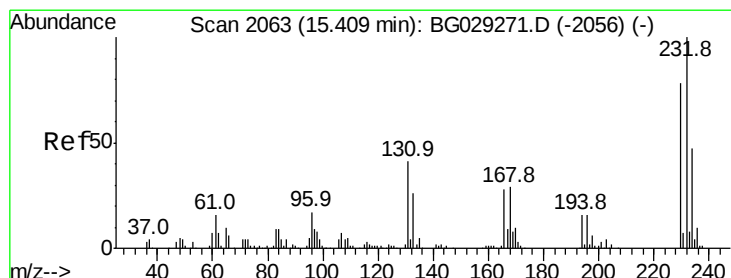
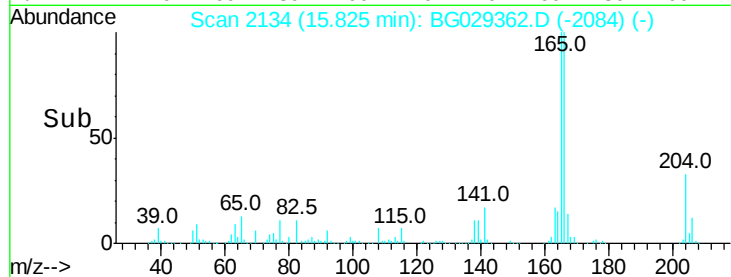
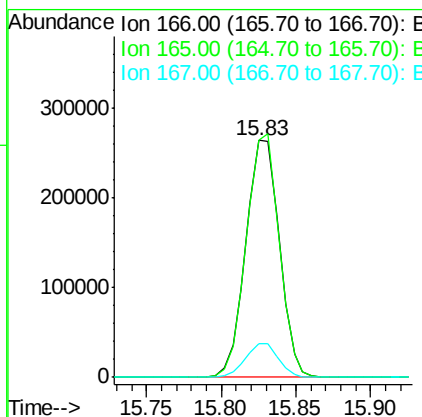
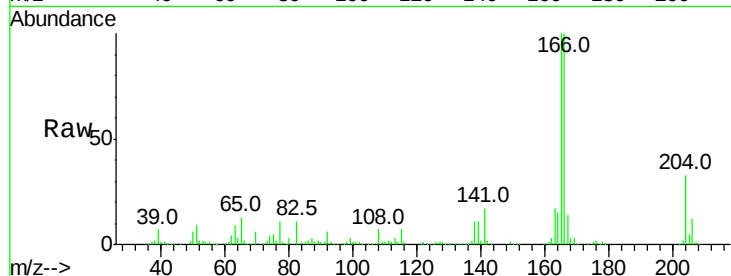




#57
 Fluorene
 Concen: 30.803 ng
 RT: 15.83 min Scan# 2134
 Delta R.T. -0.01 min
 Lab File: BG029362.D
 Acq: 19 Oct 2017 11:57

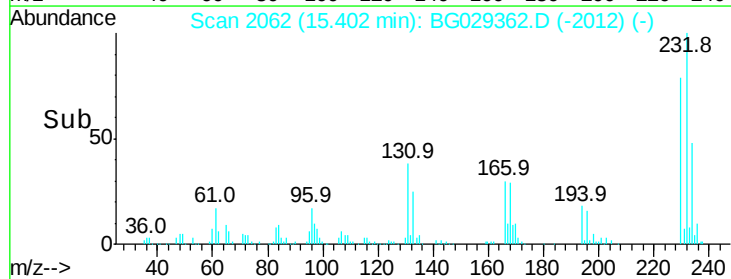
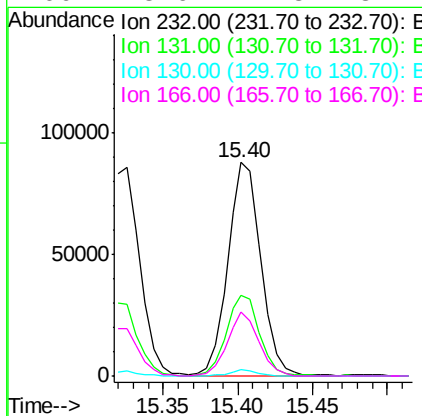
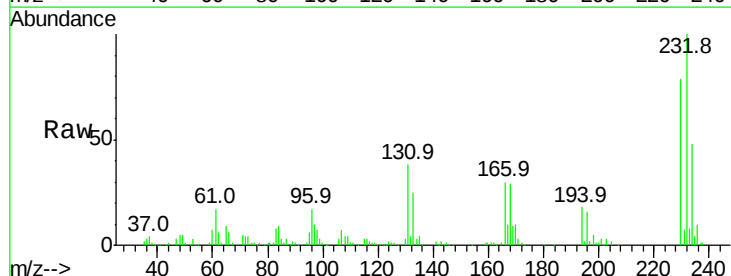
Instrument :
 BNA_G
 ClientSampleId :
 PB103396BS

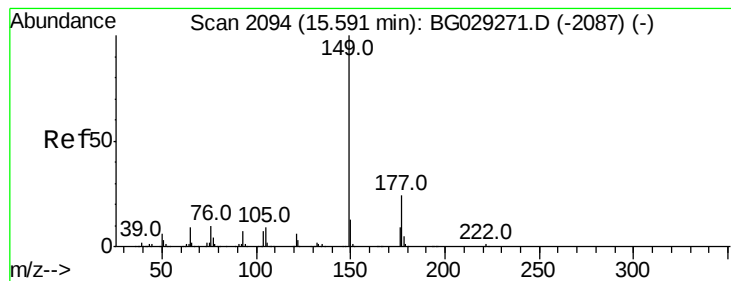
Tot Ion:166 Resp: 410975
 Ion Ratio Lower Upper
 166 100
 165 100.3 80.6 121.0
 167 14.3 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.744 ng
 RT: 15.40 min Scan# 2062
 Delta R.T. -0.01 min
 Lab File: BG029362.D
 Acq: 19 Oct 2017 11:57

Tgt Ion:232 Resp: 134828
 Ion Ratio Lower Upper
 232 100
 131 38.6 33.5 50.3
 130 2.3 2.2 3.2
 166 28.6 24.8 37.2





#59

Diethylphthalate

Concen: 32.935 ng

RT: 15.58 min Scan# 2093

Delta R.T. -0.01 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

Instrument :

BNA_G

ClientSampleId :

PB103396BS

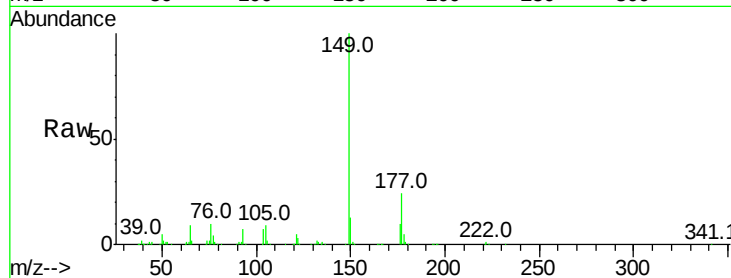
Tot Ion:149 Resp: 453822

Ion Ratio Lower Upper

149 100

177 24.3 18.5 27.7

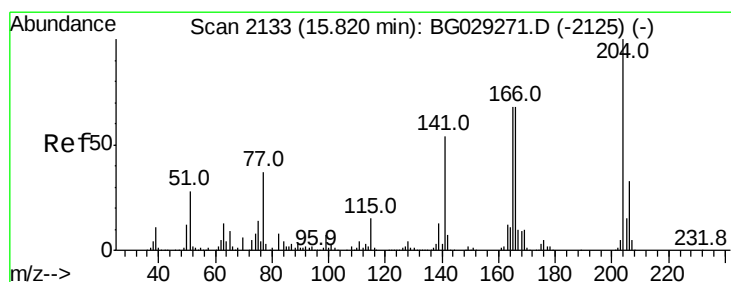
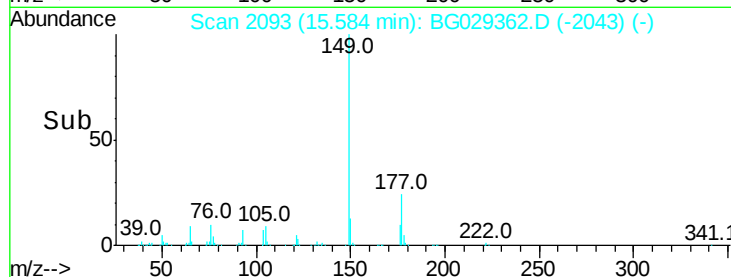
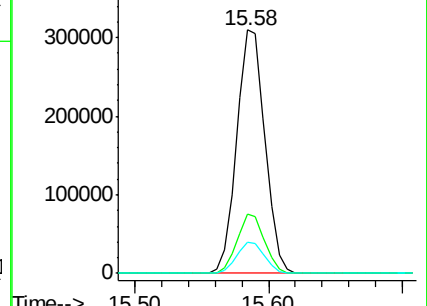
150 12.7 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 31.644 ng

RT: 15.81 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

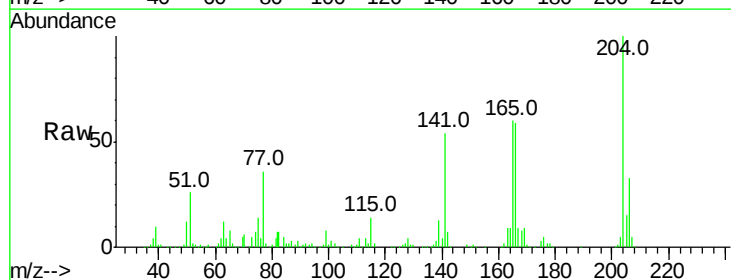
Tgt Ion:204 Resp: 225103

Ion Ratio Lower Upper

204 100

206 33.4 26.2 39.2

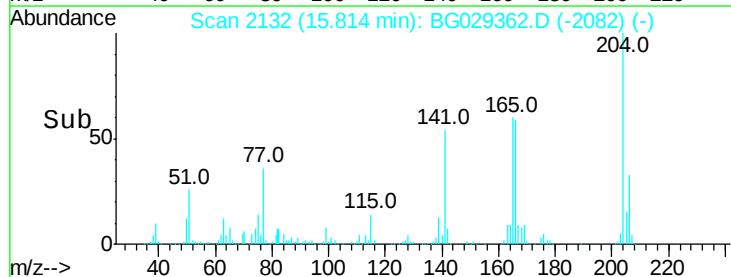
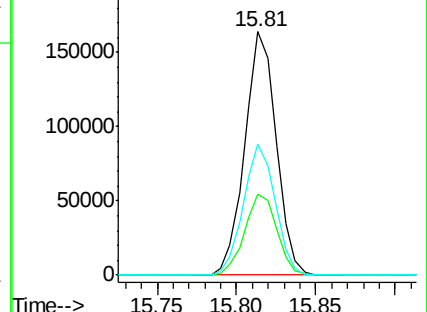
141 53.7 45.8 68.6

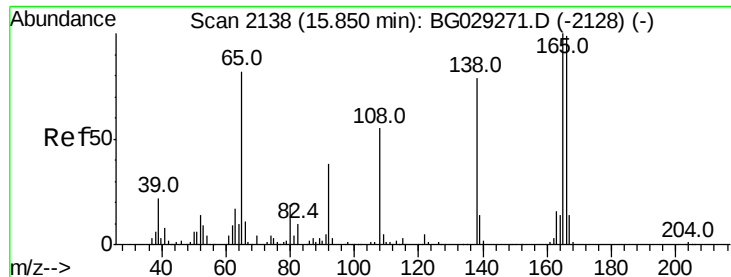


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

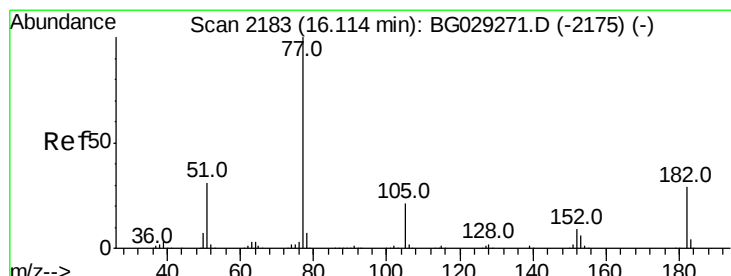
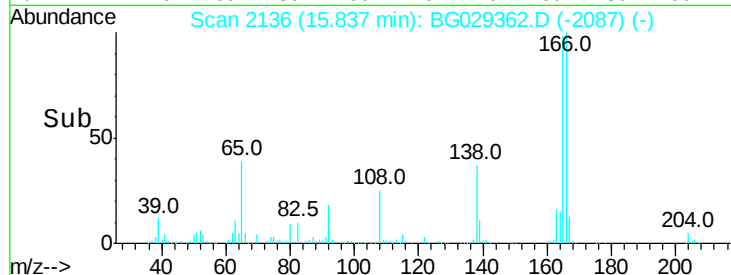
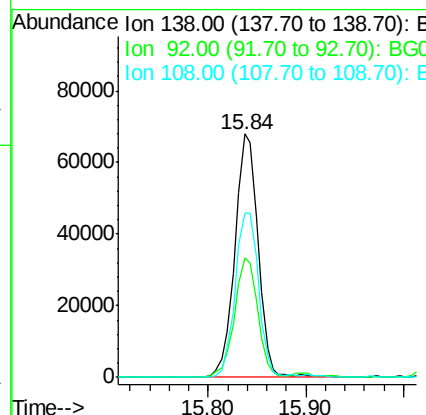
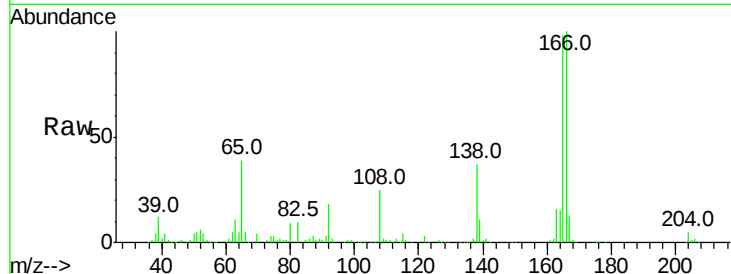




#61
4-Nitroaniline
Concen: 35.183 ng
RT: 15.84 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG029362.D
Acq: 19 Oct 2017 11:57

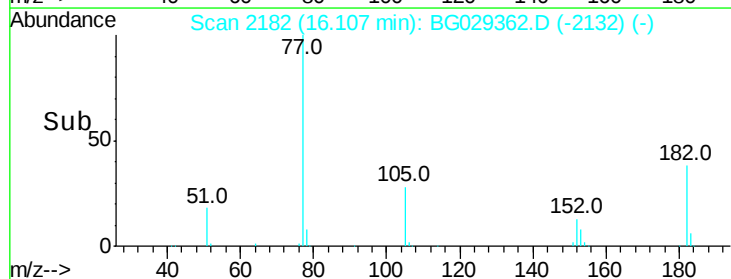
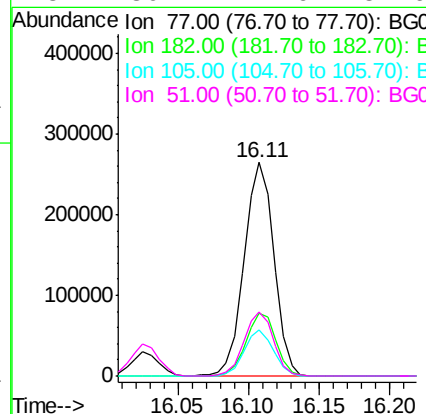
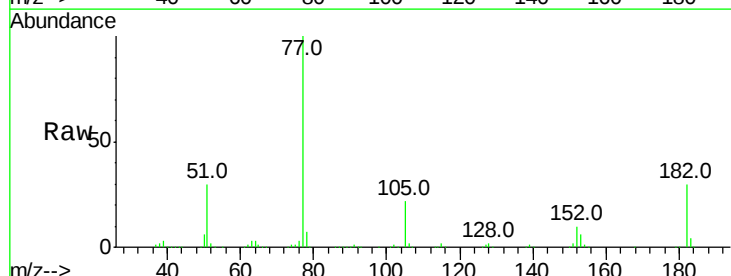
Instrument :
BNA_G
ClientSampleId :
PB103396BS

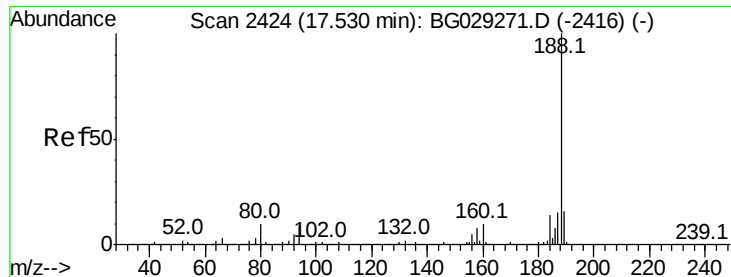
Tot Ion:138 Resp: 112991
Ion Ratio Lower Upper
138 100
92 49.3 40.1 80.1
108 67.7 65.4 105.4



#62
Azobenzene
Concen: 33.646 ng
RT: 16.11 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG029362.D
Acq: 19 Oct 2017 11:57

Tgt Ion: 77 Resp: 390950
Ion Ratio Lower Upper
77 100
182 29.6 7.4 47.4
105 21.7 0.3 40.3
51 30.2 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

Instrument :

BNA_G

ClientSampleId :

PB103396BS

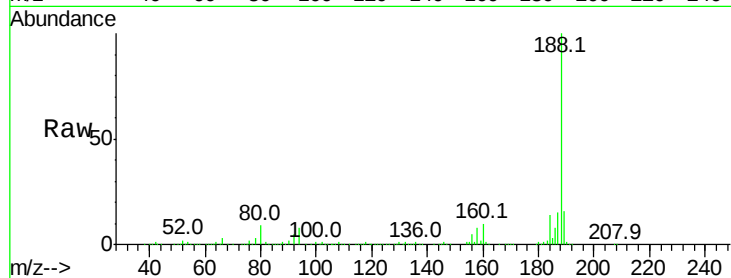
Tot Ion:188 Resp: 450979

Ion Ratio Lower Upper

188 100

94 7.9 6.9 10.3

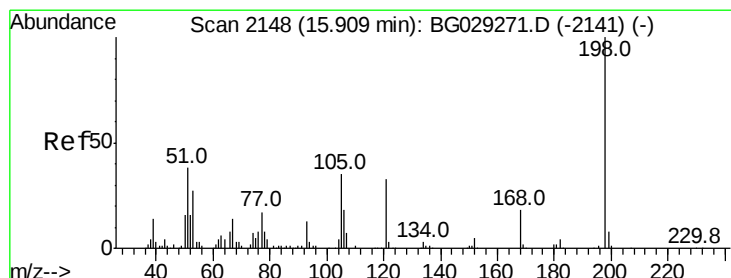
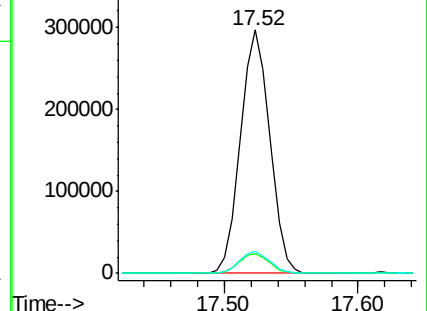
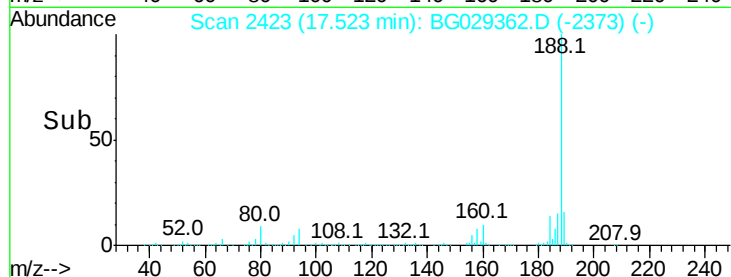
80 9.3 7.7 11.5



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: 32.259 ng

RT: 15.90 min Scan# 2147

Delta R.T. -0.01 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

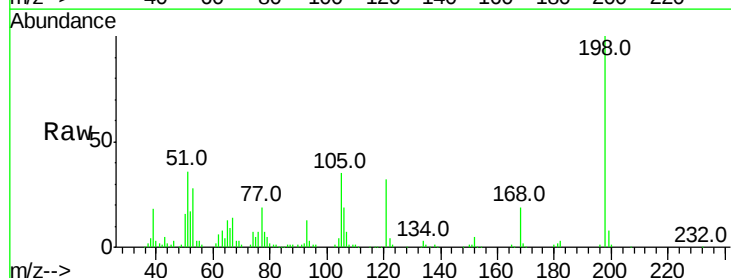
Tgt Ion:198 Resp: 78037

Ion Ratio Lower Upper

198 100

51 36.5 30.6 70.6

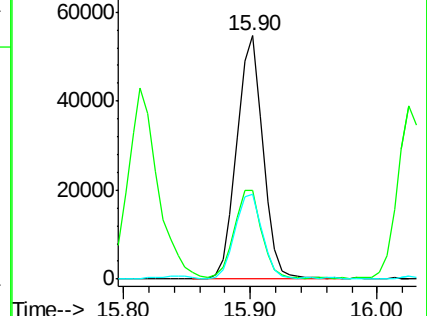
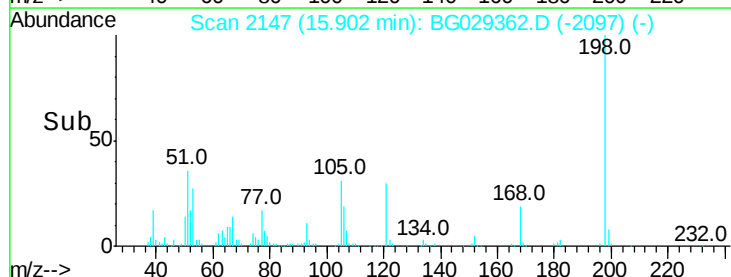
105 34.7 23.8 63.8

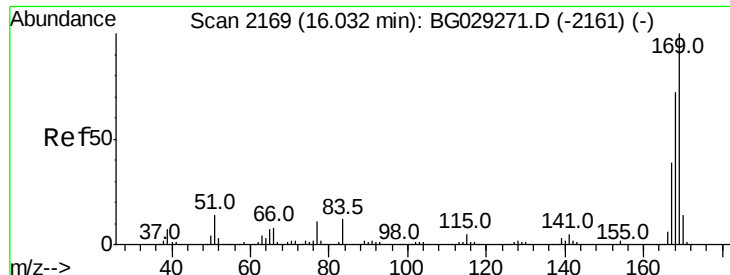


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

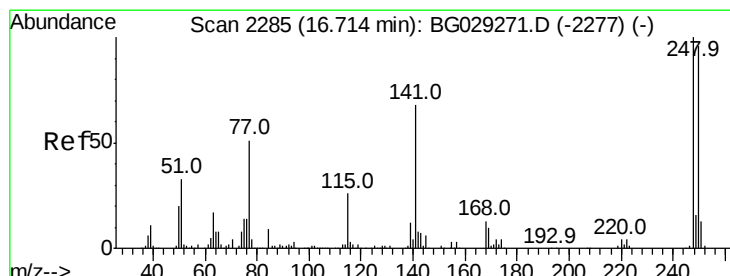
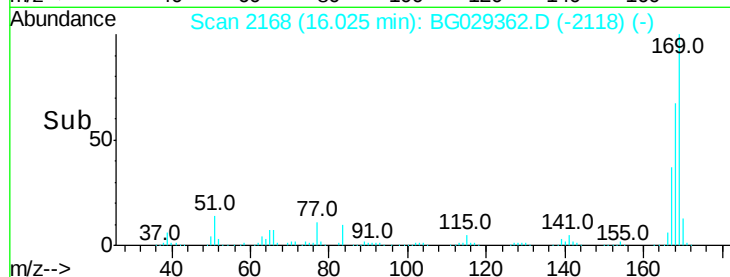
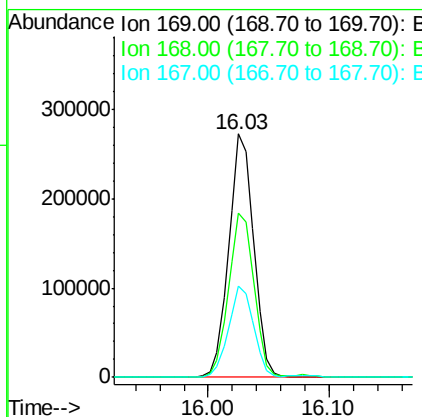
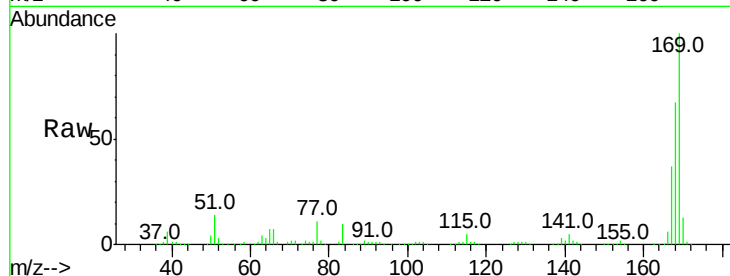




#65
 n-Nitrosodiphenylamine
 Concen: 28.928 ng
 RT: 16.03 min Scan# 2168
 Delta R.T. -0.01 min
 Lab File: BG029362.D
 Acq: 19 Oct 2017 11:57

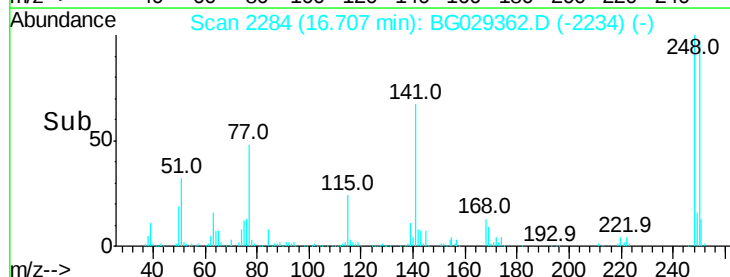
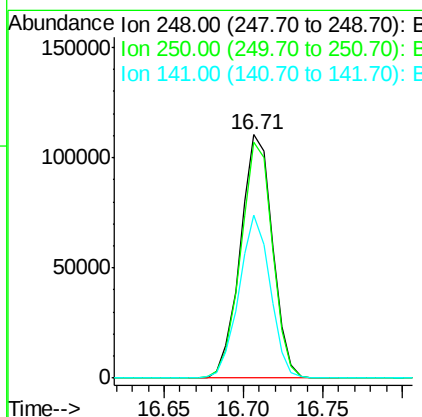
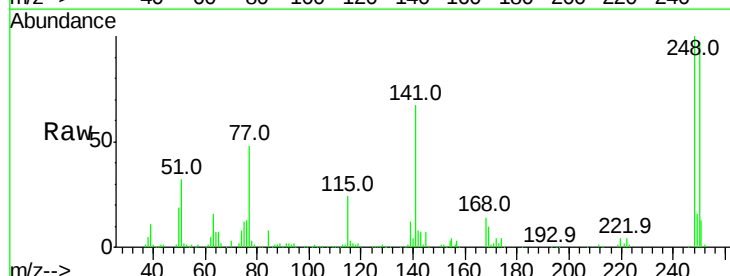
Instrument :
 BNA_G
 ClientSampleId :
 PB103396BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.5	55.7	83.5
167	37.3	30.1	45.1



#66
 4-Bromophenyl-phenylether
 Concen: 30.019 ng
 RT: 16.71 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BG029362.D
 Acq: 19 Oct 2017 11:57

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.1	115.7
141	67.0	50.8	76.2





#67

Hexachlorobenzene

Concen: 28.024 ng

RT: 16.83 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

Instrument :

BNA_G

ClientSampleId :

PB103396BS

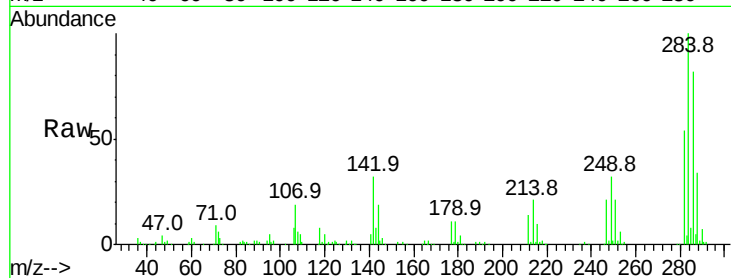
Tot Ion:284 Resp: 164267

Ion Ratio Lower Upper

284 100

142 32.1 26.8 40.2

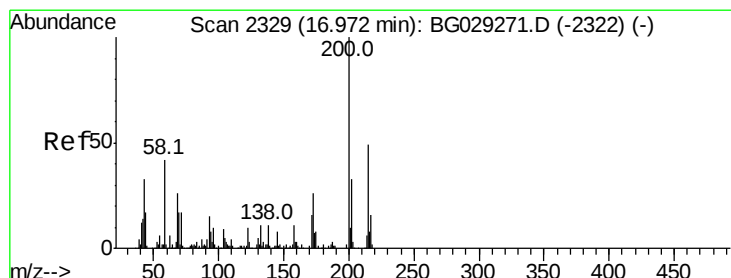
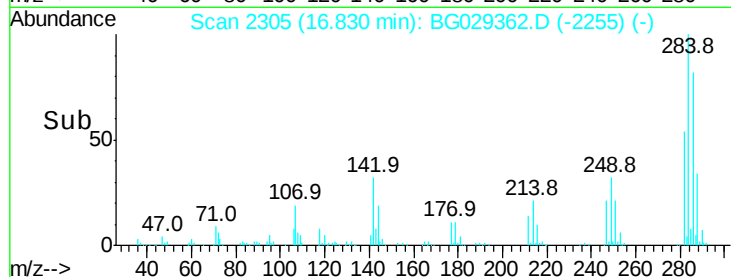
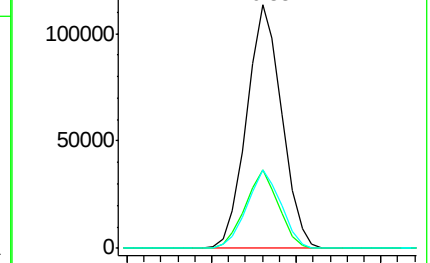
249 32.2 26.3 39.5



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: 32.917 ng

RT: 16.97 min Scan# 2328

Delta R.T. -0.01 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

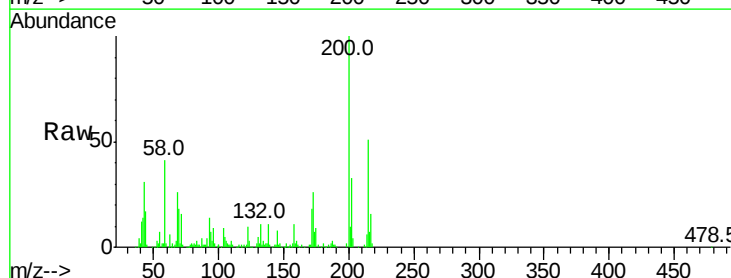
Tgt Ion:200 Resp: 158671

Ion Ratio Lower Upper

200 100

173 26.0 5.2 45.2

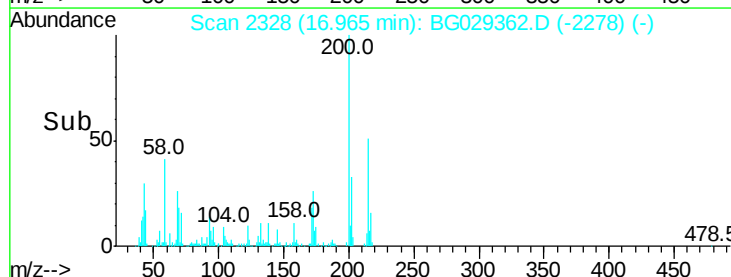
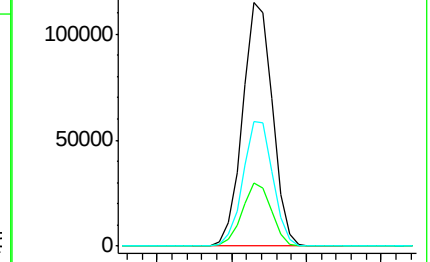
215 51.0 30.4 70.4

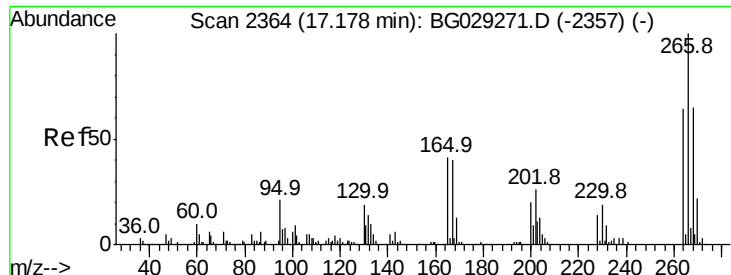


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 63.744 ng

RT: 17.17 min Scan# 2363

Delta R.T. -0.01 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

Instrument :

BNA_G

ClientSampleId :

PB103396BS

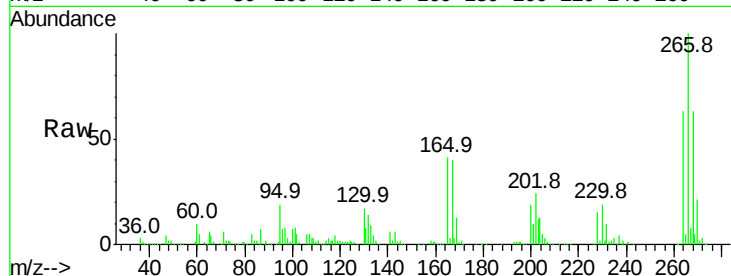
Tot Ion:266 Resp: 214644

Ion Ratio Lower Upper

266 100

268 62.8 51.1 76.7

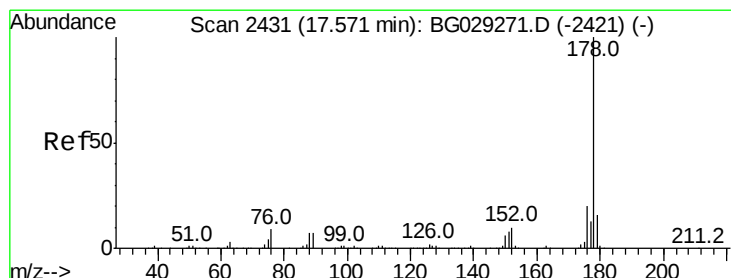
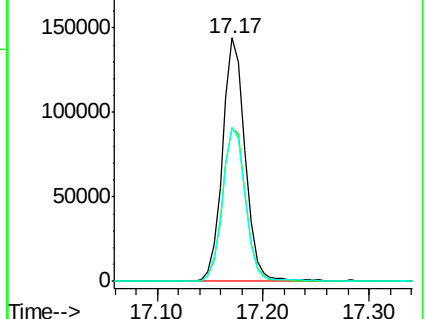
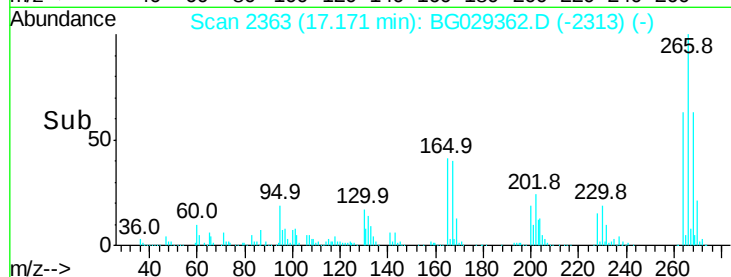
264 63.3 49.6 74.4



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: 31.154 ng

RT: 17.56 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

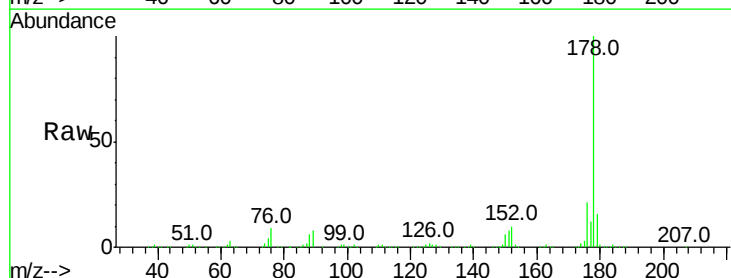
Tgt Ion:178 Resp: 725820

Ion Ratio Lower Upper

178 100

176 20.8 15.7 23.5

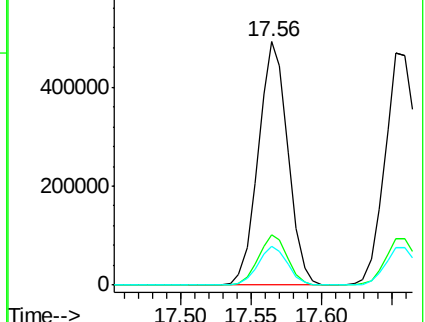
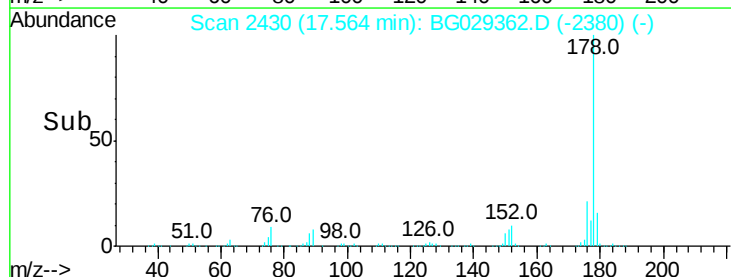
179 16.0 12.5 18.7

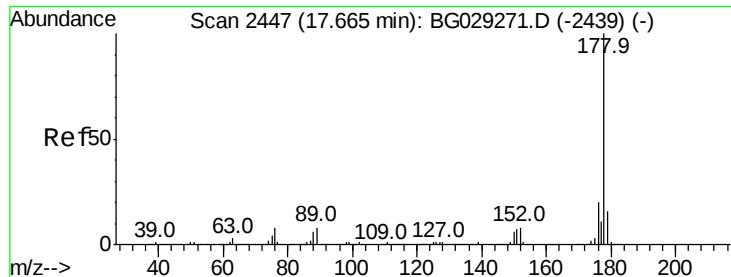


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

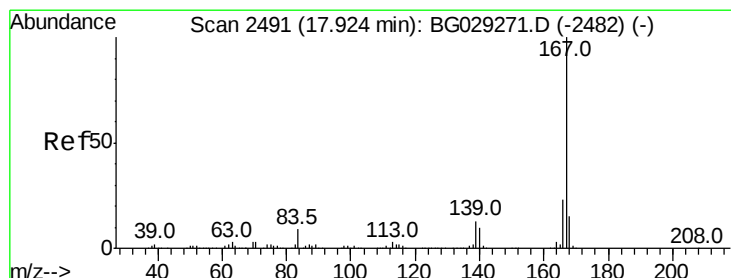
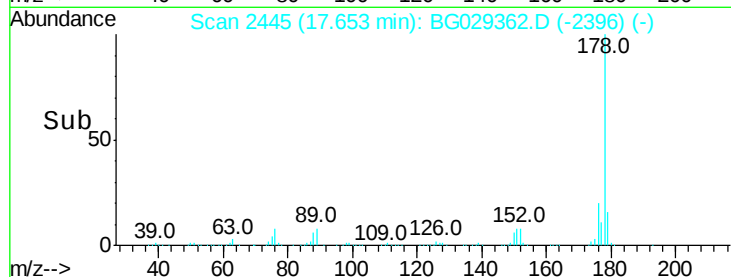
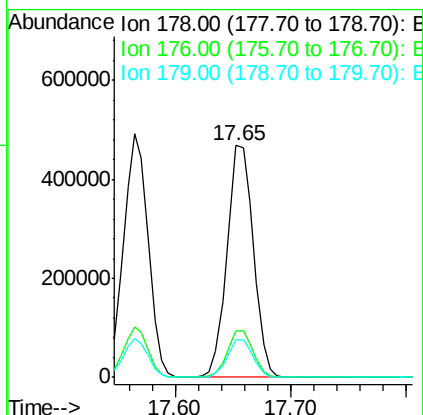
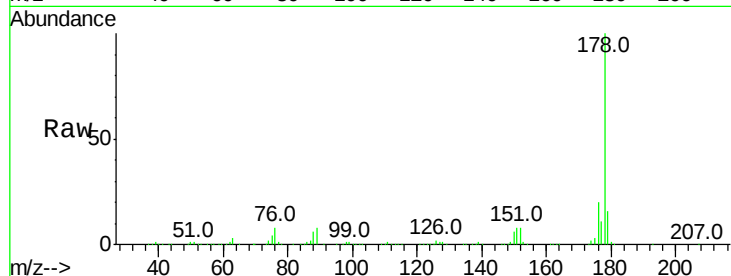




#71
 Anthracene
 Concen: 31.568 ng
 RT: 17.65 min Scan# 2445
 Delta R.T. -0.01 min
 Lab File: BG029362.D
 Acq: 19 Oct 2017 11:57

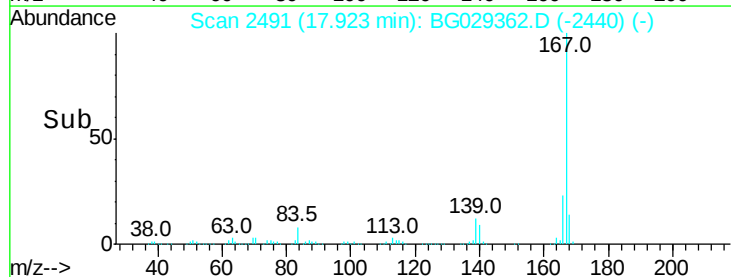
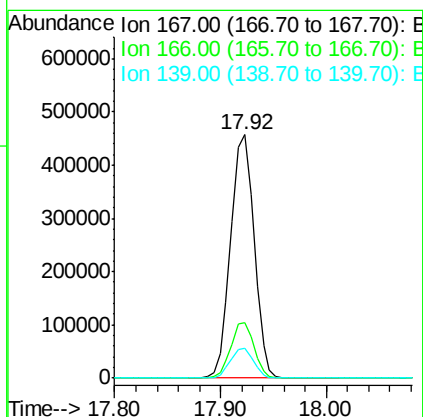
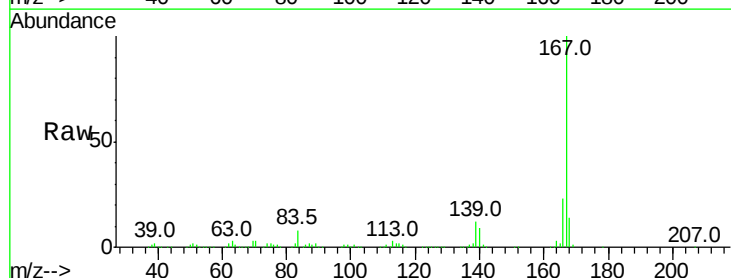
Instrument :
 BNA_G
 ClientSampleId :
 PB103396BS

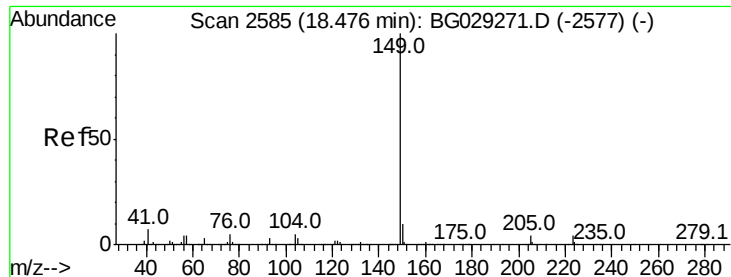
Tot Ion:178 Resp: 738502
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.0 24.0
 179 16.1 12.5 18.7



#72
 Carbazole
 Concen: 31.234 ng
 RT: 17.92 min Scan# 2491
 Delta R.T. -0.00 min
 Lab File: BG029362.D
 Acq: 19 Oct 2017 11:57

Tgt Ion:167 Resp: 701899
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.4
 139 12.4 9.4 14.2

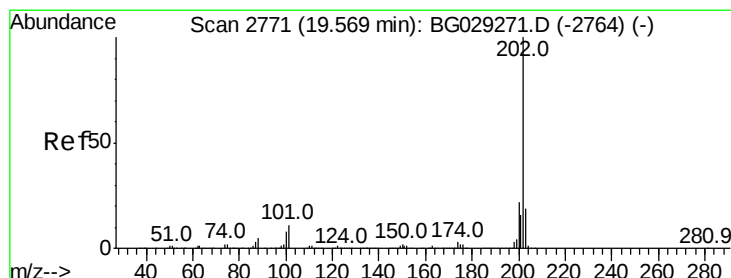
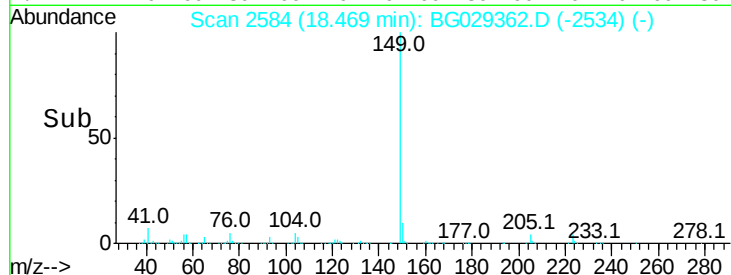
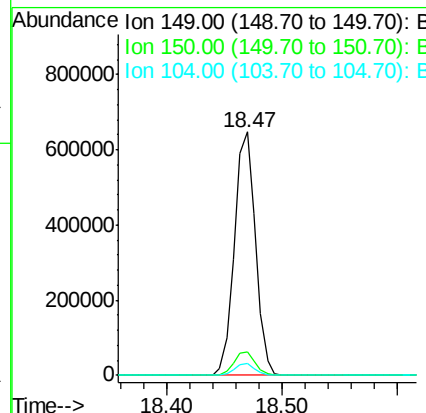
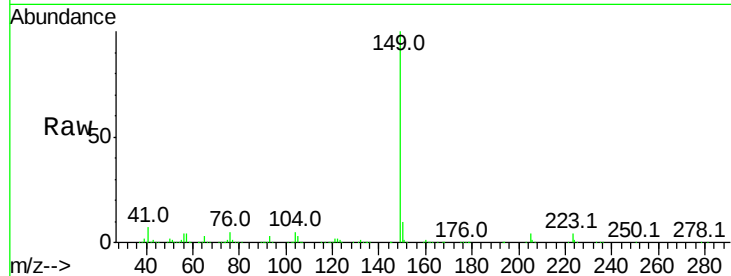




#73
Di-n-butylphthalate
Concen: 31.489 ng
RT: 18.47 min Scan# 2584
Delta R.T. -0.01 min
Lab File: BG029362.D
Acq: 19 Oct 2017 11:57

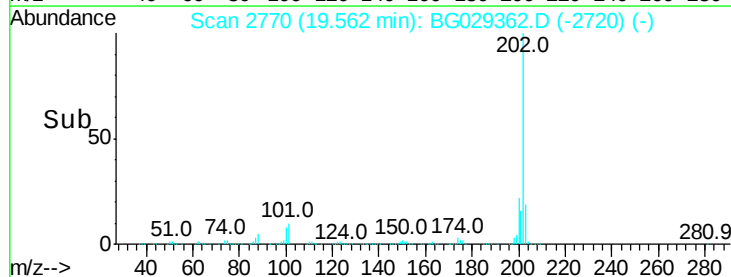
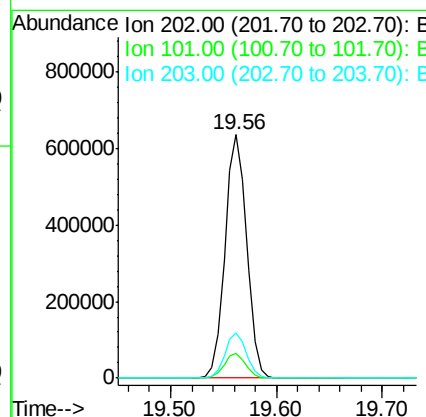
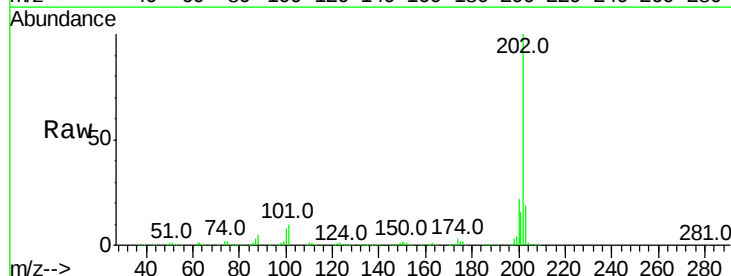
Instrument :
BNA_G
ClientSampleId :
PB103396BS

Tot Ion:149 Resp: 813884
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.6
104 4.8 3.9 5.9



#74
Fluoranthene
Concen: 33.179 ng
RT: 19.56 min Scan# 2770
Delta R.T. -0.01 min
Lab File: BG029362.D
Acq: 19 Oct 2017 11:57

Tgt Ion:202 Resp: 904121
Ion Ratio Lower Upper
202 100
101 10.3 0.0 28.9
203 18.7 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

Instrument :

BNA_G

ClientSampleId :

PB103396BS

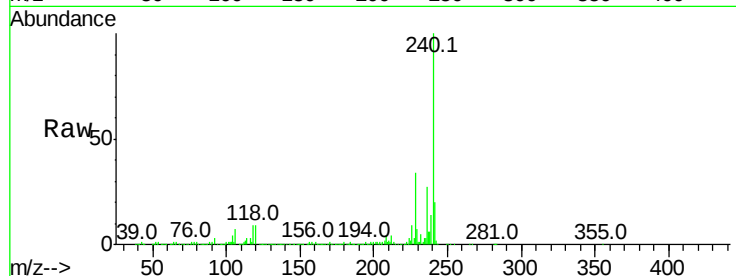
Tot Ion:240 Resp: 493381

Ion Ratio Lower Upper

240 100

120 8.9 6.8 10.2

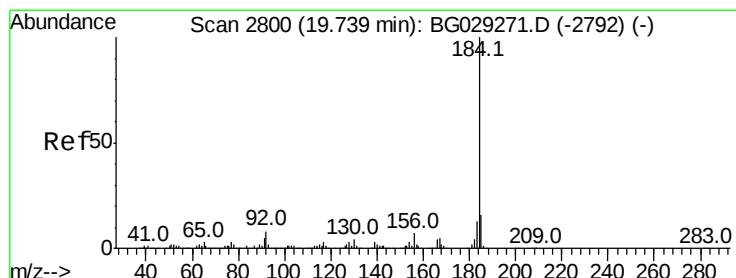
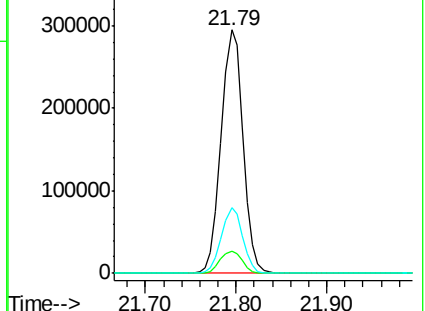
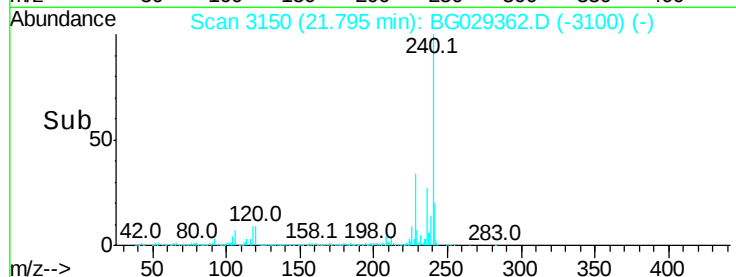
236 26.8 20.9 31.3



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: 19.643 ng

RT: 19.73 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

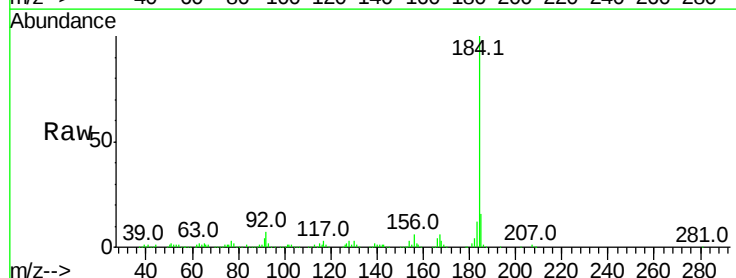
Tgt Ion:184 Resp: 292627

Ion Ratio Lower Upper

184 100

185 15.5 11.1 16.7

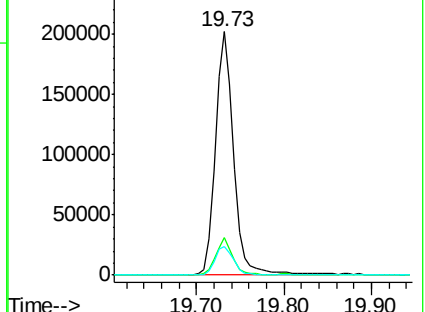
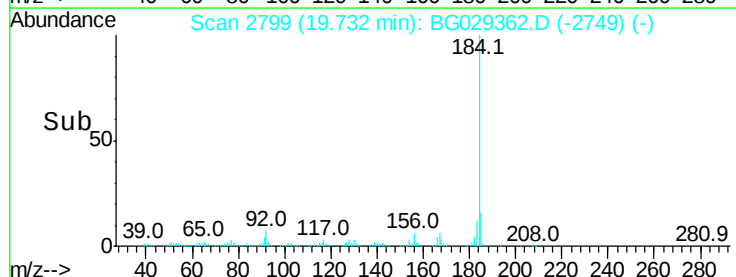
183 11.9 10.6 16.0

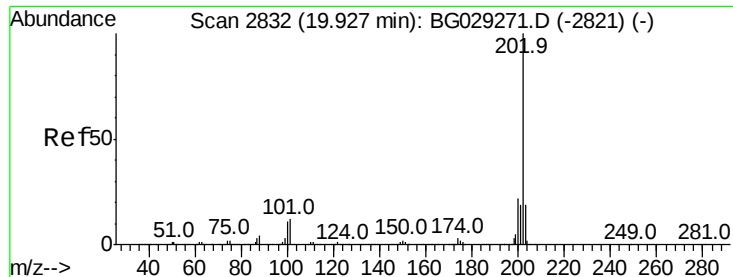


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

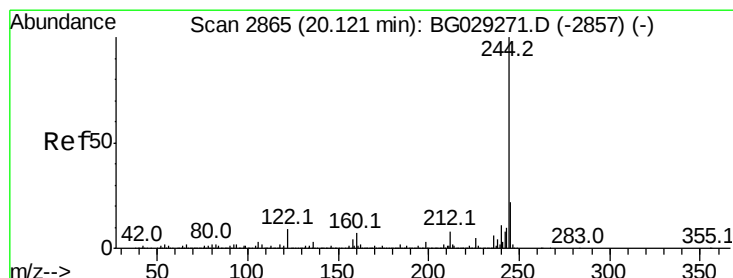
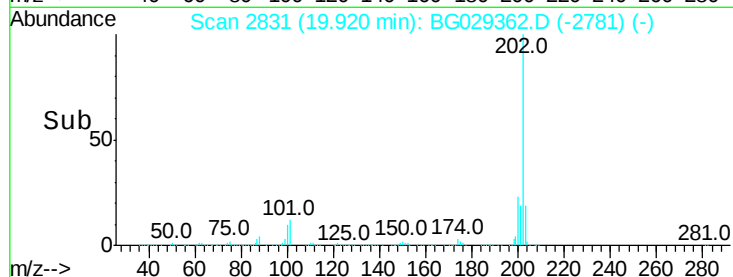
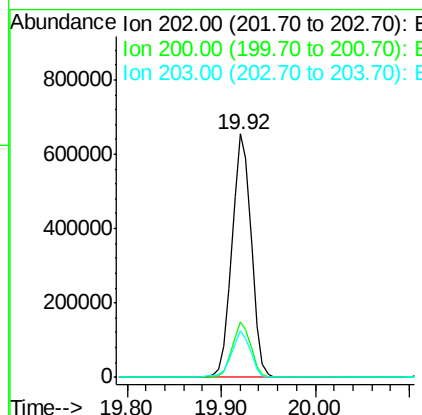
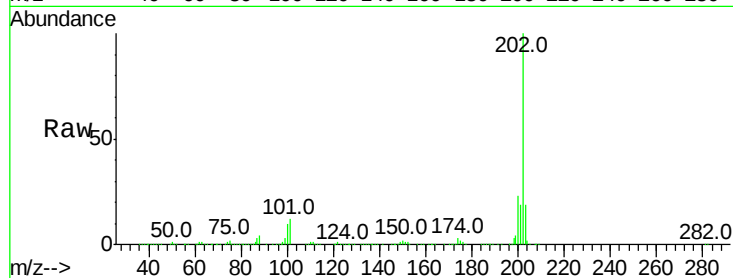




#77
Pvrene
Concen: 31.020 ng
RT: 19.92 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BG029362.D
Acq: 19 Oct 2017 11:57

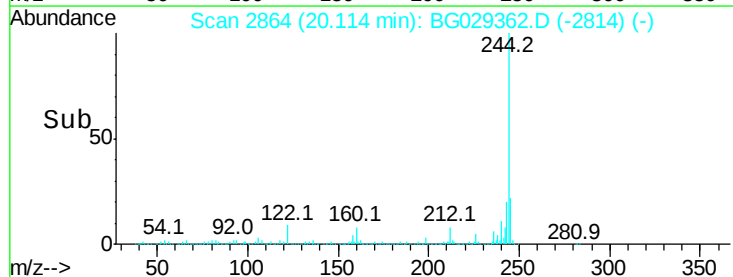
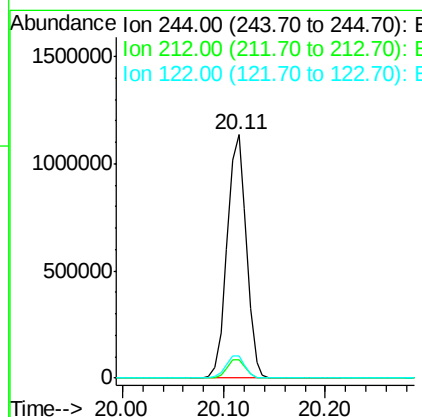
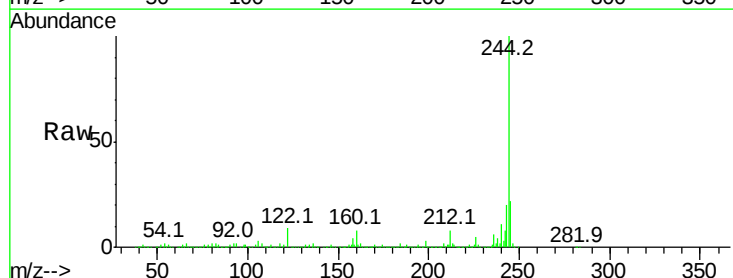
Instrument :
BNA_G
ClientSampleId :
PB103396BS

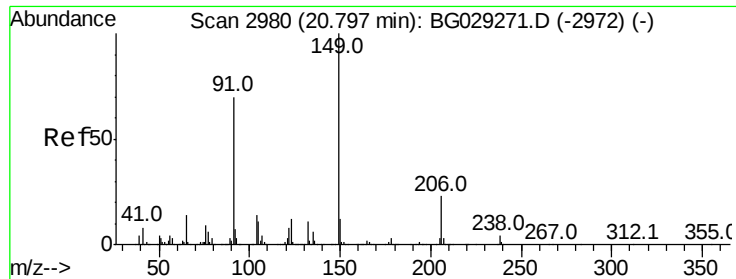
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.9	16.9	25.3
203	18.9	13.9	20.9



#78
Terphenyl-d14
Concen: 68.704 ng
RT: 20.11 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BG029362.D
Acq: 19 Oct 2017 11:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	9.1	7.0	10.4

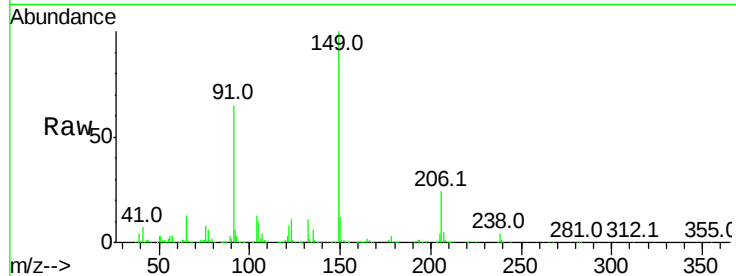




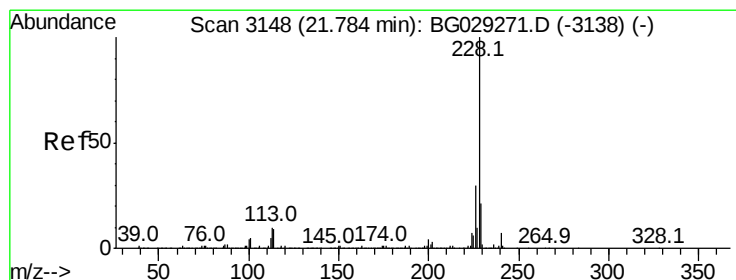
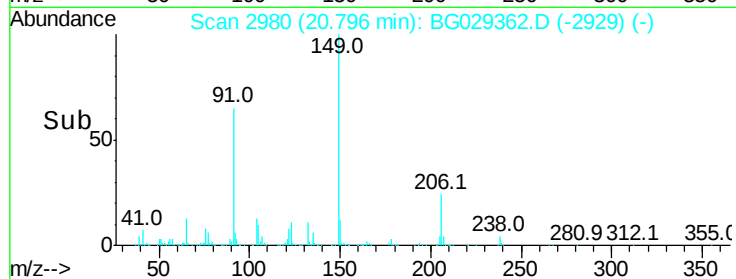
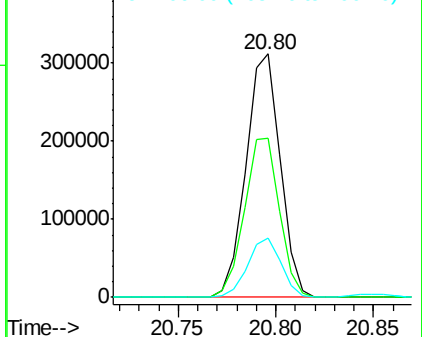
#79
Butylbenzylphthalate
Concen: 29.766 ng
RT: 20.80 min Scan# 2980
Delta R.T. -0.00 min
Lab File: BG029362.D
Acq: 19 Oct 2017 11:57

Instrument :
BNA_G
ClientSampleId :
PB103396BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	65.4	62.2	93.2
206	24.2	18.6	27.8

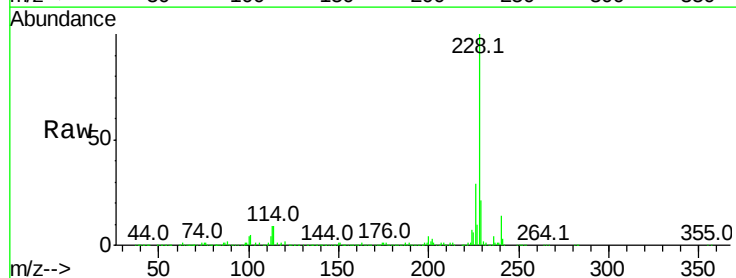


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

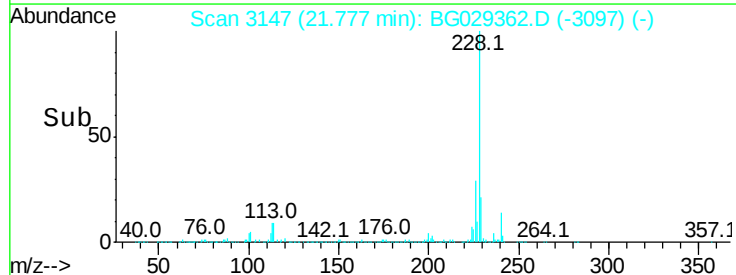
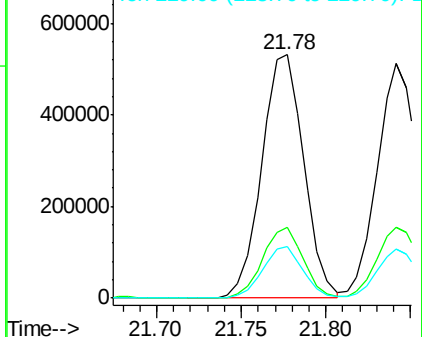


#80
Benzo(a)anthracene
Concen: 31.416 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG029362.D
Acq: 19 Oct 2017 11:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.7	34.1
229	21.4	16.2	24.2



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

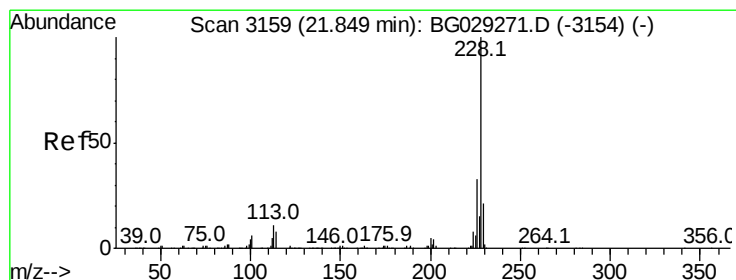
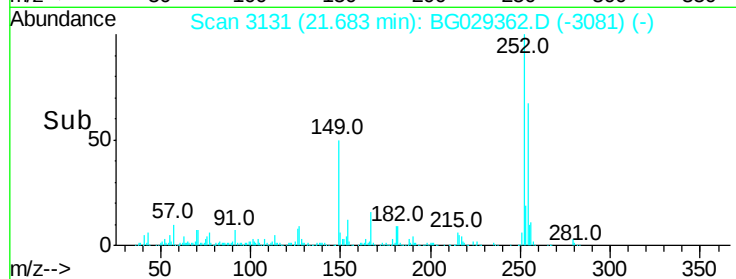
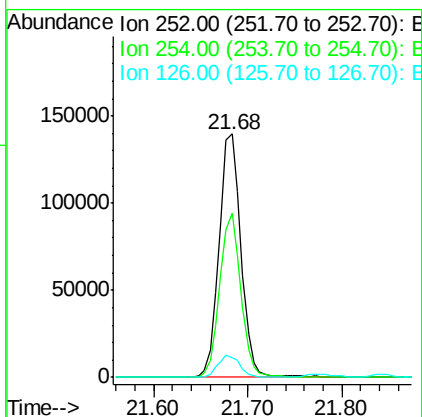
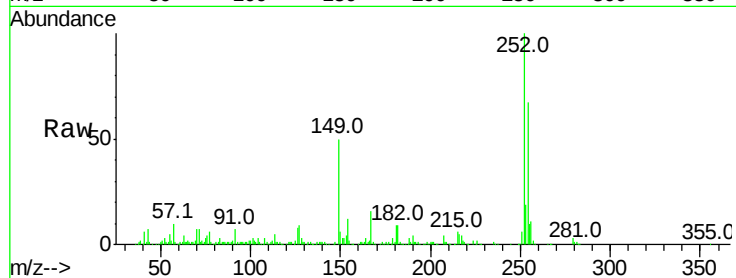




#81
 3,3'-Dichlorobenzidine
 Concen: 19.055 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG029362.D
 Acq: 19 Oct 2017 11:57

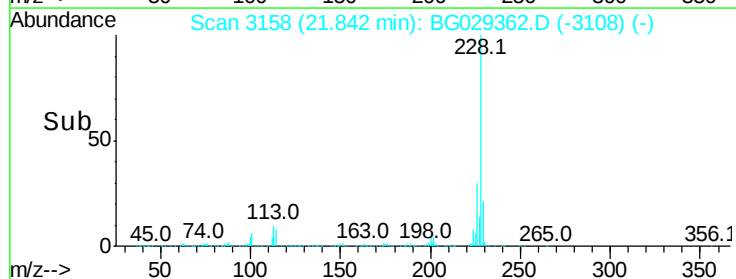
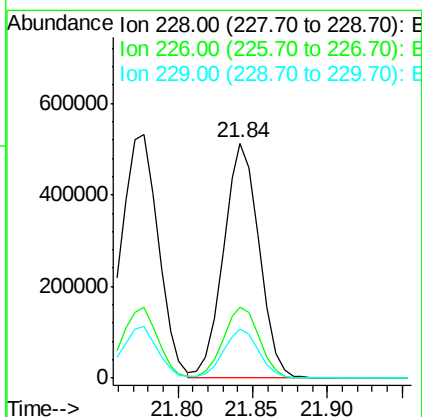
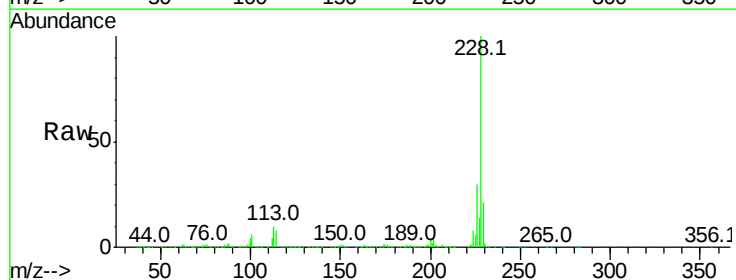
Instrument :
 BNA_G
 ClientSampleId :
 PB103396BS

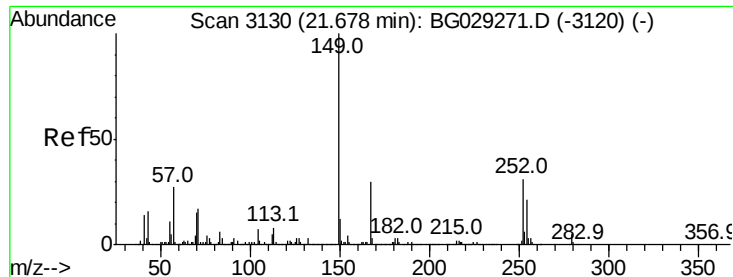
Tot Ion	Ratio	Lower	Upper
252	100		
254	67.3	50.8	76.2
126	8.2	7.4	11.2



#82
 Chrysene
 Concen: 30.663 ng
 RT: 21.84 min Scan# 3158
 Delta R.T. -0.01 min
 Lab File: BG029362.D
 Acq: 19 Oct 2017 11:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	21.1	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 29.425 ng

RT: 21.67 min Scan# 3128

Delta R.T. -0.01 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

Instrument :

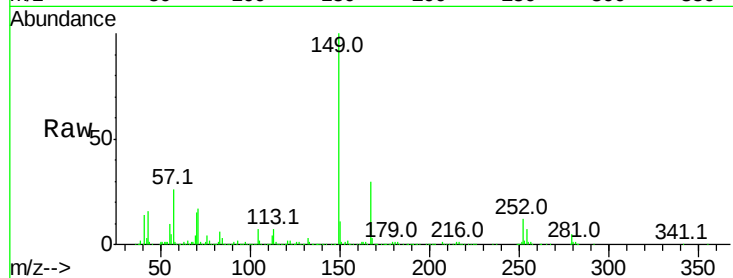
BNA_G

ClientSampleId :

PB103396BS

Tot Ion:149 Resp: 538471

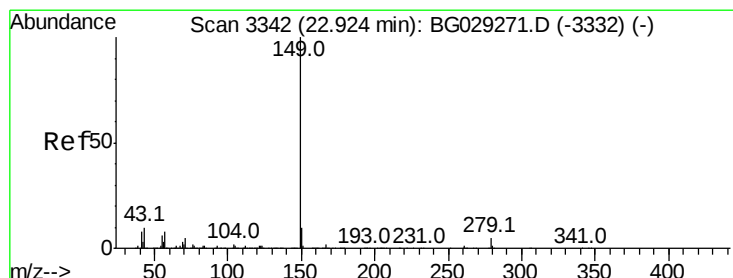
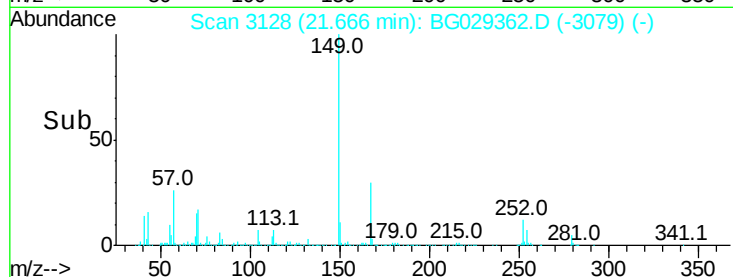
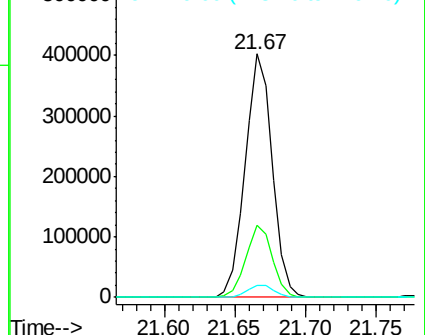
Ion	Ratio	Lower	Upper
149	100		
167	29.6	24.3	36.5
279	4.9	4.0	6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 29.026 ng

RT: 22.91 min Scan# 3339

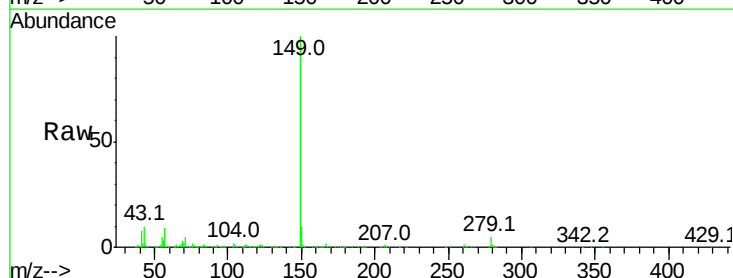
Delta R.T. -0.02 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

Tgt Ion:149 Resp: 925732

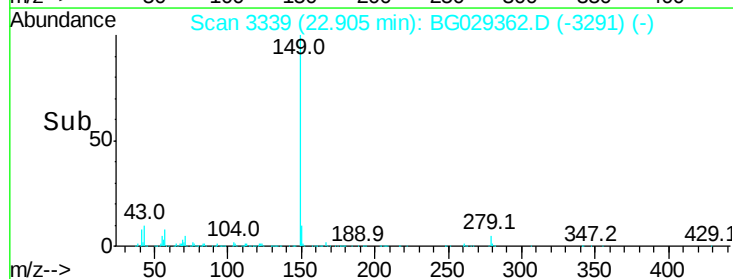
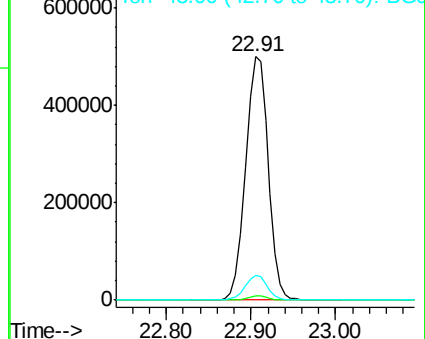
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	9.6	8.9	13.3

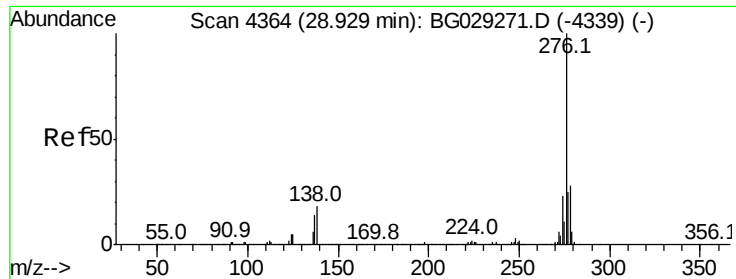


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0





#85

Indeno(1,2,3-cd)pyrene

Concen: 31.690 ng

RT: 28.89 min Scan# 4357

Delta R.T. -0.04 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

Instrument :

BNA_G

ClientSampleId :

PB103396BS

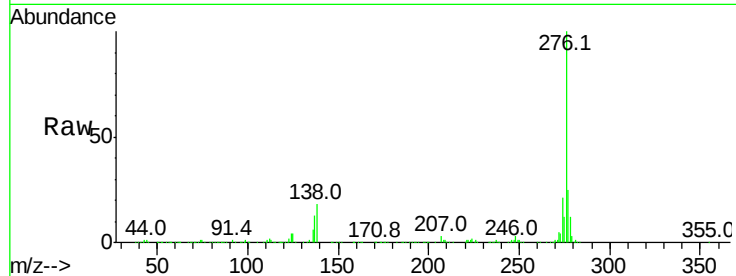
Tot Ion:276 Resp: 1081555

Ion Ratio Lower Upper

276 100

138 21.5 16.0 24.0

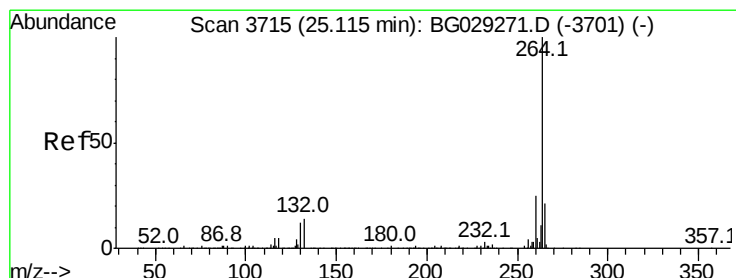
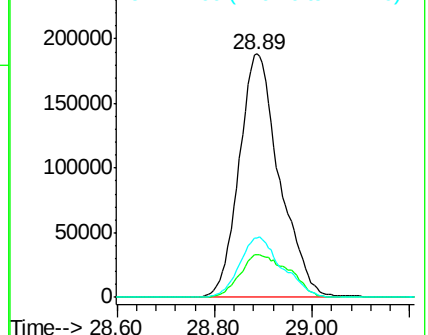
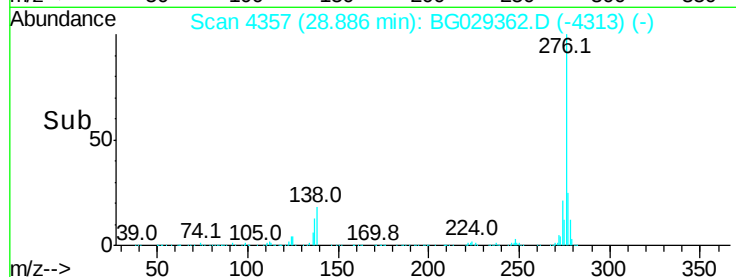
277 25.9 20.0 30.0



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: 20.000 ng

RT: 25.10 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

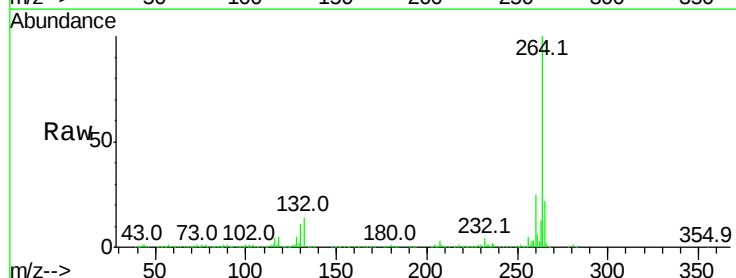
Tgt Ion:264 Resp: 511783

Ion Ratio Lower Upper

264 100

260 24.7 17.4 26.0

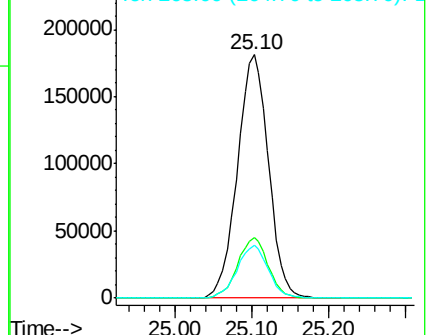
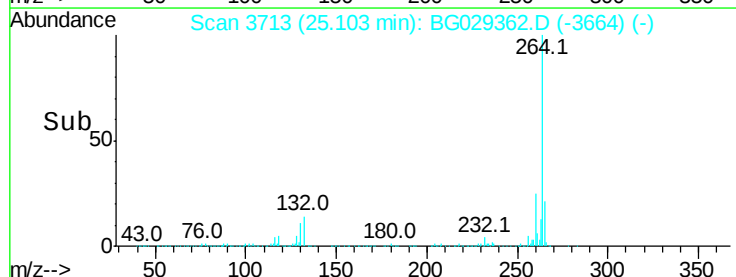
265 21.5 17.7 26.5

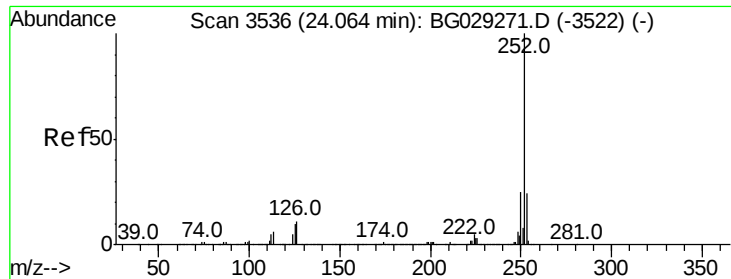


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 31.556 ng

RT: 24.05 min Scan# 3533

Delta R.T. -0.02 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

Instrument :

BNA_G

ClientSampleId :

PB103396BS

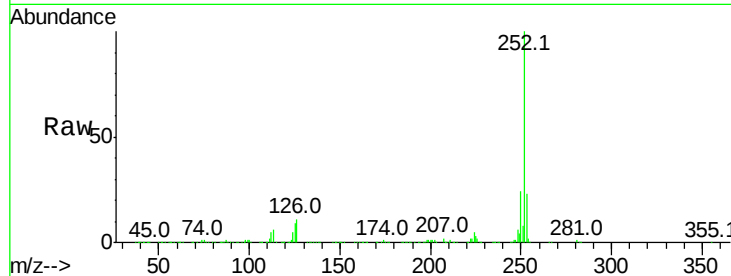
Tot Ion:252 Resp: 924584

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.4

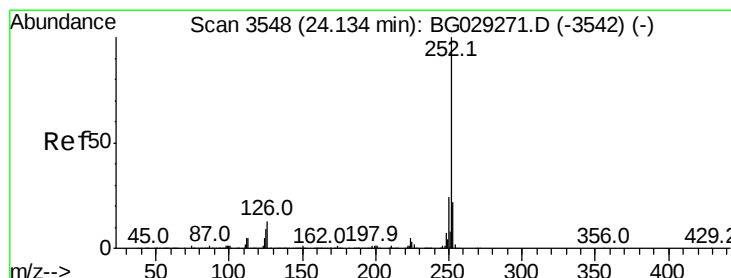
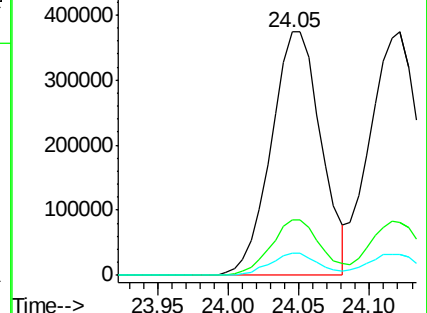
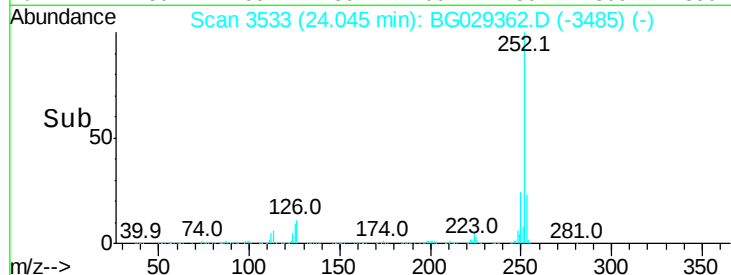
125 8.9 7.2 10.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 31.589 ng

RT: 24.12 min Scan# 3546

Delta R.T. -0.01 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

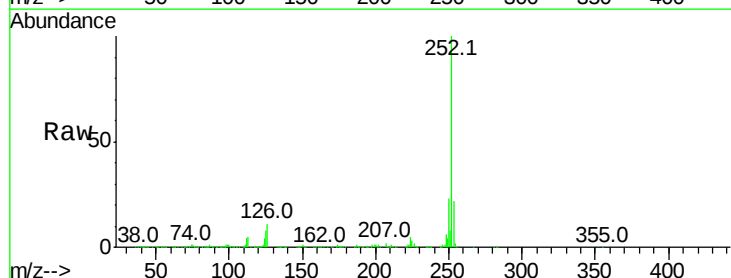
Tgt Ion:252 Resp: 922092

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

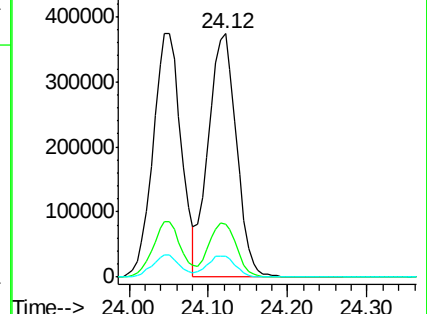
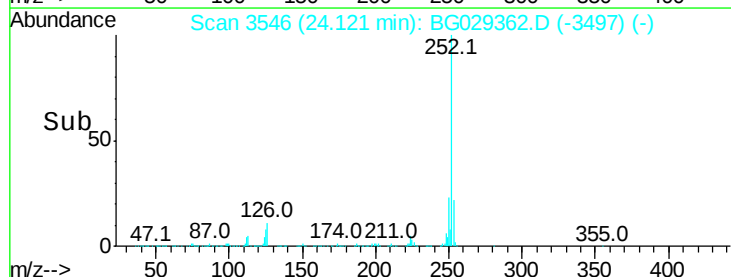
125 8.3 6.6 9.8

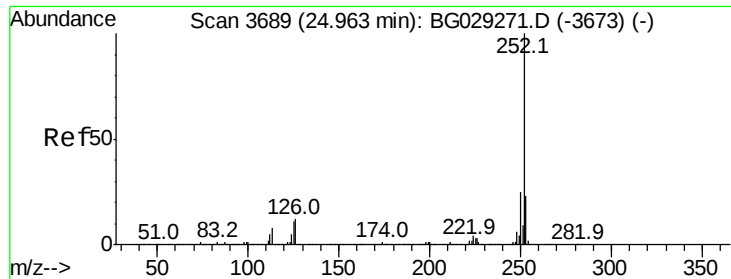


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 32.032 ng

RT: 24.95 min Scan# 3687

Delta R.T. -0.01 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

Instrument :

BNA_G

ClientSampleId :

PB103396BS

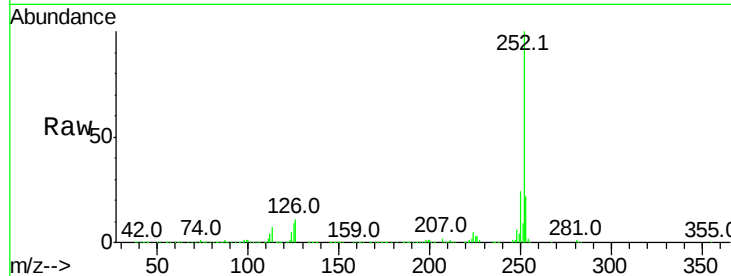
Tot Ion:252 Resp: 902272

Ion Ratio Lower Upper

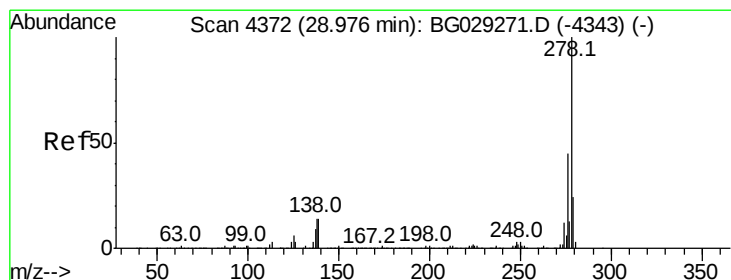
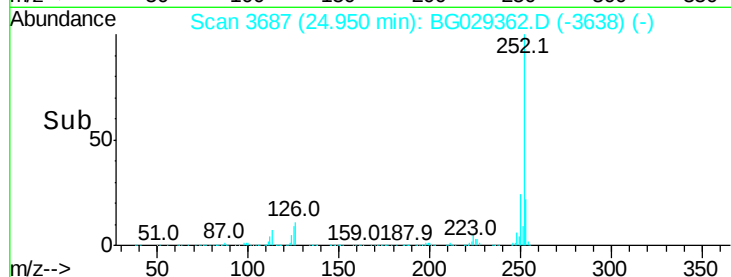
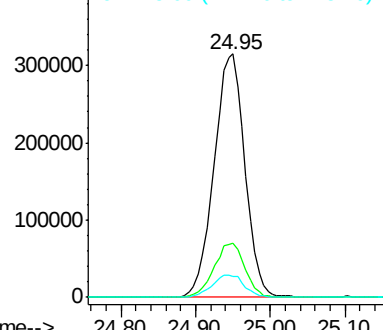
252 100

253 22.2 18.3 27.5

125 8.7 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: 31.954 ng

RT: 28.95 min Scan# 4367

Delta R.T. -0.03 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

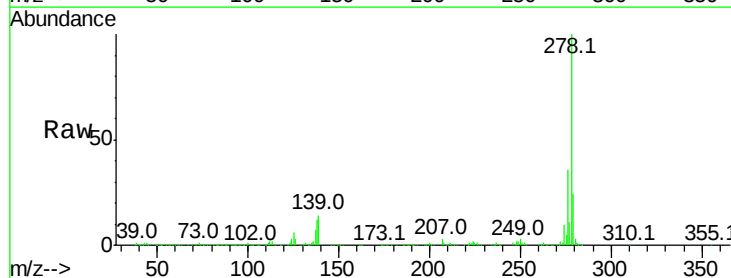
Tgt Ion:278 Resp: 911233

Ion Ratio Lower Upper

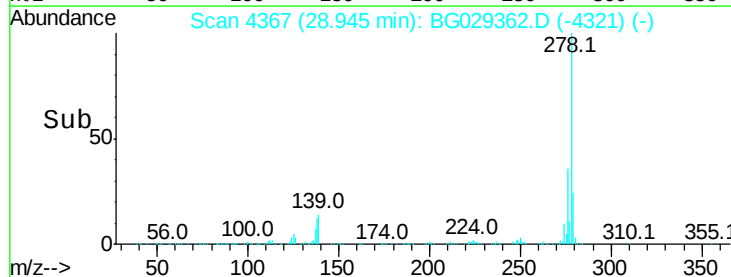
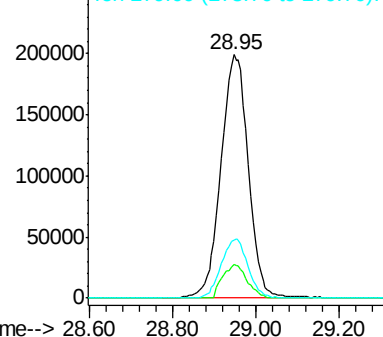
278 100

139 13.8 9.8 14.6

279 23.6 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: 33.757 ng

RT: 30.07 min Scan# 4559

Delta R.T. -0.03 min

Lab File: BG029362.D

Acq: 19 Oct 2017 11:57

Instrument :

BNA_G

ClientSampleId :

PB103396BS

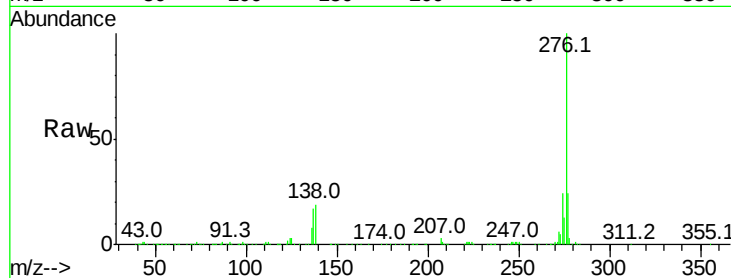
Tot Ion:276 Resp: 894441

Ion Ratio Lower Upper

276 100

277 24.3 18.3 27.5

138 19.1 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

