

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
 Data File : BG029352.D
 Acq On : 19 Oct 2017 4:28
 Operator : SJ/JU
 Sample : PB103395BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB103395BS

Quant Time: Oct 19 16:34:15 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	58134	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	265312	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	178179	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	459286	20.00	ng	0.00
75) Chrysene-d12	21.79	240	526657	20.00	ng	0.00
86) Perylene-d12	25.10	264	541585	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.72	112	327182	94.02	ng	0.00
7) Phenol-d6	7.32	99	431487	88.34	ng	0.00
23) Nitrobenzene-d5	9.33	82	241541	57.85	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	228269	99.23	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	667315	54.93	ng	0.00
78) Terphenyl-d14	20.11	244	1265502	54.66	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.58	88	35026	24.807	ng	89
3) Pyridine	3.98	79	99110	24.105	ng	96
4) n-Nitrosodimethylamine	3.90	42	47624	24.779	ng	# 90
6) Aniline	7.48	93	70963	11.732	ng	95
8) 2-Chlorophenol	7.73	128	105129	26.356	ng	89
9) Benzaldehyde	7.29	77	29714	12.094	ng	94
10) Phenol	7.35	94	142524	27.065	ng	92
11) bis(2-Chloroethyl)ether	7.57	93	95414	24.868	ng	95
12) 1,3-Dichlorobenzene	8.06	146	110418	24.657	ng	97
13) 1,4-Dichlorobenzene	8.20	146	113115	24.740	ng	95
14) 1,2-Dichlorobenzene	8.52	146	106124	24.064	ng	97
15) Benzyl Alcohol	8.40	79	92462	26.861	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.70	45	159779	24.522	ng	95
17) 2-Methylphenol	8.60	107	93500	26.728	ng	96
18) Hexachloroethane	9.26	117	38901	24.967	ng	97
19) n-Nitroso-di-n-propylamine	8.97	70	78893	23.754	ng	# 95
20) 3+4-Methylphenols	8.93	107	130724	26.521	ng	94
22) Acetophenone	8.98	105	150402	23.523	ng	# 94
24) Nitrobenzene	9.37	77	114537	24.399	ng	# 94
25) Isophorone	9.90	82	217928	25.004	ng	# 93
26) 2-Nitrophenol	10.09	139	57160	25.477	ng	89
27) 2,4-Dimethylphenol	10.14	122	112490	27.712	ng	89
28) bis(2-Chloroethoxy)methane	10.38	93	137699	25.765	ng	97
29) 2,4-Dichlorophenol	10.62	162	116868	26.998	ng	92
30) 1,2,4-Trichlorobenzene	10.84	180	112758	24.111	ng	98
31) Naphthalene	11.04	128	319648	24.174	ng	97
32) Benzoic acid	10.25	122	84585	24.886	ng	# 83
33) 4-Chloroaniline	11.14	127	62135	11.171	ng	95
34) Hexachlorobutadiene	11.32	225	67661	23.270	ng	93
35) Caprolactam	11.89	113	45498	31.626	ng	89
36) 4-Chloro-3-methylphenol	12.25	107	125035	26.263	ng	# 88
37) 2-Methylnaphthalene	12.63	142	249691	25.910	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	134300	20.645	ng	98
40) Hexachlorocyclopentadiene	12.97	237	166801	68.402	ng	95

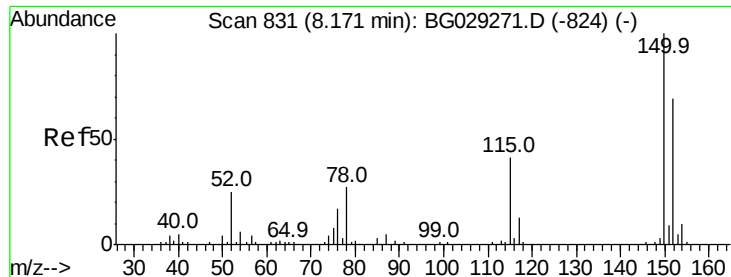
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	101407	24.832	nq	97
43) 2,4,5-Trichlorophenol	13.30	196	112345	26.787	nq	96
45) 1,1'-Biphenyl	13.62	154	341549	22.301	nq	97
46) 2-Chloronaphthalene	13.67	162	261120	23.375	nq	97
47) 2-Nitroaniline	13.86	65	84673	27.595	nq	# 84
48) Acenaphthylene	14.51	152	426244	24.380	nq	99
49) Dimethylphthalate	14.23	163	368161	26.483	nq	99
50) 2,6-Dinitrotoluene	14.35	165	79683	27.342	nq	84
51) Acenaphthene	14.85	154	270250	23.758	nq	99
52) 3-Nitroaniline	14.68	138	47619	15.142	nq	# 80
53) 2,4-Dinitrophenol	14.88	184	89324	57.678	nq	# 55
54) Dibenzofuran	15.18	168	433866	26.718	nq	99
55) 4-Nitrophenol	14.98	139	161937	62.461	nq	# 82
56) 2,4-Dinitrotoluene	15.14	165	116353	29.493	nq	# 81
57) Fluorene	15.82	166	345047	25.721	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.40	232	111572	31.887	nq	97
59) Diethylphthalate	15.58	149	384008	27.717	nq	98
60) 4-Chlorophenyl-phenylether	15.81	204	189033	26.429	nq	99
61) 4-Nitroaniline	15.84	138	97624	30.232	nq	84
62) Azobenzene	16.11	77	328241	28.095	nq	97
64) 4,6-Dinitro-2-methylphenol	15.90	198	65813	27.573	nq	83
65) n-Nitrosodiphenylamine	16.02	169	328886	23.905	nq	99
66) 4-Bromophenyl-phenylether	16.70	248	126973	24.093	nq	96
67) Hexachlorobenzene	16.83	284	134798	22.580	nq	97
68) Atrazine	16.96	200	138601	28.233	nq	98
69) Pentachlorophenol	17.17	266	185519	54.098	nq	98
70) Phenanthrene	17.56	178	609682	25.696	nq	98
71) Anthracene	17.66	178	632037	26.528	nq	99
72) Carbazole	17.92	167	616734	26.947	nq	99
73) Di-n-butylphthalate	18.47	149	726548	27.602	nq	99
74) Fluoranthene	19.56	202	794696	28.636	nq	98
76) Benzidine	19.73	184	246398	15.495	nq	97
77) Pyrene	19.92	202	826804	25.880	nq	98
79) Butylbenzylphthalate	20.79	149	342920	25.194	nq	90
80) Benzo(a)anthracene	21.78	228	808384	26.143	nq	99
81) 3,3'-Dichlorobenzidine	21.68	252	187861	14.719	nq	97
82) Chrysene	21.84	228	755261	25.505	nq	98
83) Bis(2-ethylhexyl)phthalate	21.66	149	485160	24.837	nq	97
84) Di-n-octyl phthalate	22.90	149	830292	24.388	nq	96
85) Indeno(1,2,3-cd)pyrene	28.88	276	946730	25.987	nq	97
87) Benzo(b)fluoranthene	24.05	252	808884	26.088	nq	99
88) Benzo(k)fluoranthene	24.12	252	804693	26.050	nq	99
89) Benzo(a)pyrene	24.95	252	787662	26.425	nq	98
90) Dibenzo(a,h)anthracene	28.95	278	801710	26.567	nq	97
91) Benzo(g,h,i)perylene	30.07	276	793306	28.293	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.16 min Scan# 829

Delta R.T. -0.01 min

Lab File: BG029352.D

Acq: 19 Oct 2017 4:28

Instrument :

BNA_G

ClientSampleId :

PB103395BS

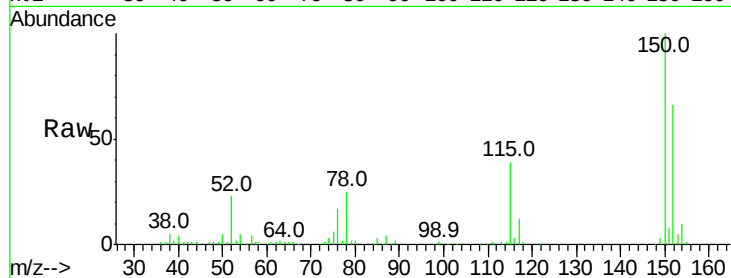
Tot Ion:152 Resp: 58134

Ion Ratio Lower Upper

152 100

150 151.6 126.6 189.8

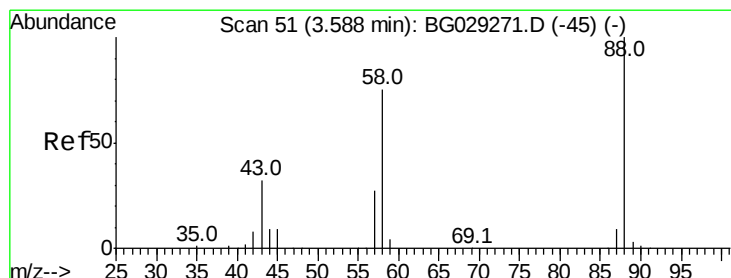
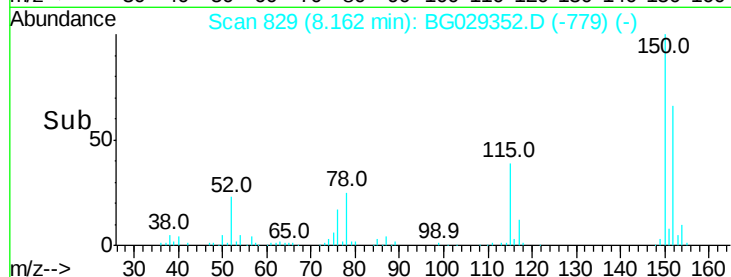
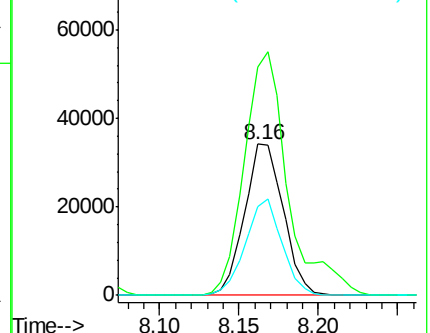
115 58.9 53.0 79.4



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



#2

1,4-Dioxane

Concen: 24.807 ng

RT: 3.58 min Scan# 49

Delta R.T. -0.01 min

Lab File: BG029352.D

Acq: 19 Oct 2017 4:28

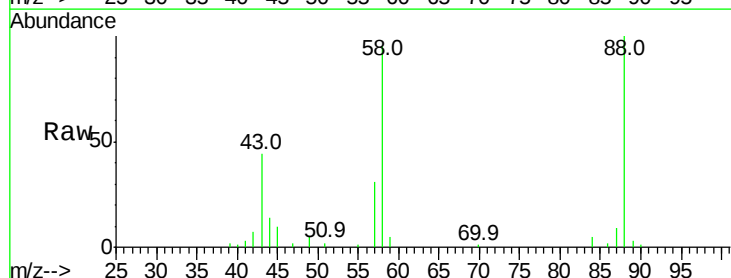
Tgt Ion: 88 Resp: 35026

Ion Ratio Lower Upper

88 100

58 85.6 79.6 119.4

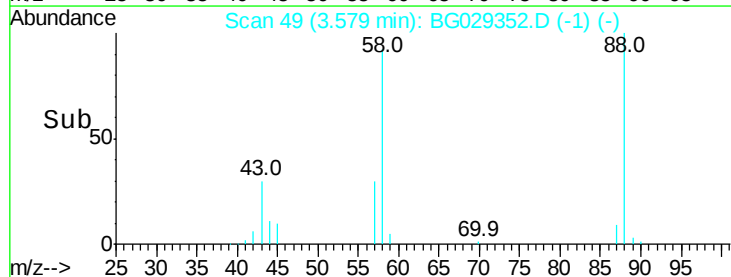
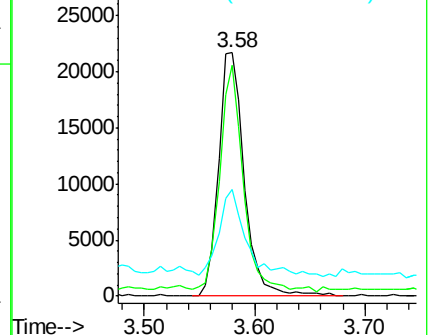
43 36.0 27.4 41.0

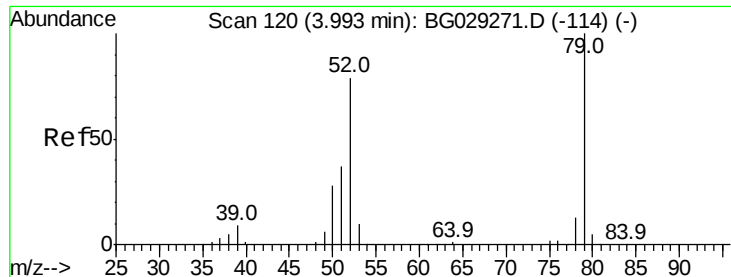


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 24.105 ng

RT: 3.98 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG029352.D

Acq: 19 Oct 2017 4:28

Instrument :

BNA_G

ClientSampleId :

PB103395BS

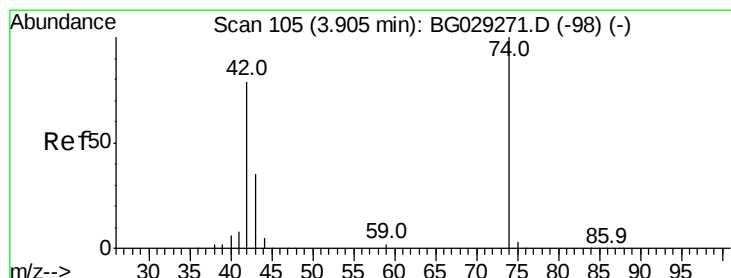
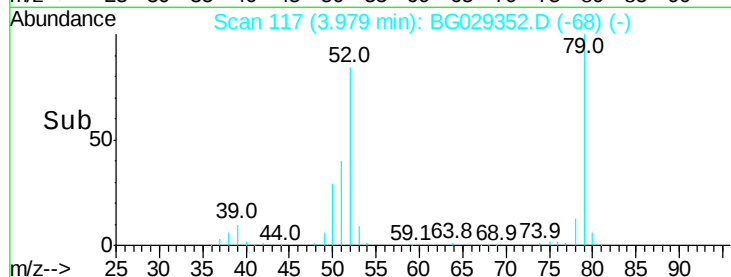
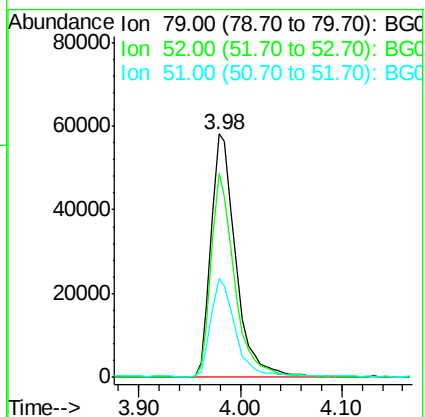
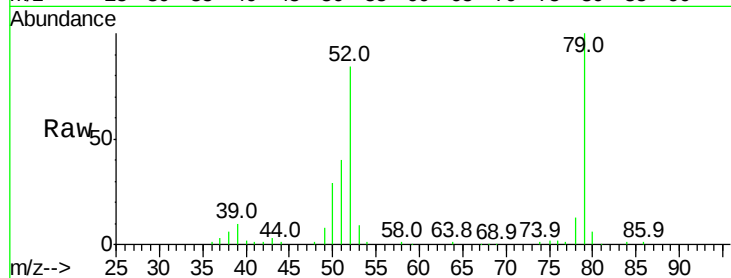
Tot Ion: 79 Resp: 99110

Ion Ratio Lower Upper

79 100

52 83.7 69.9 104.9

51 40.4 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 24.779 ng

RT: 3.90 min Scan# 103

Delta R.T. -0.01 min

Lab File: BG029352.D

Acq: 19 Oct 2017 4:28

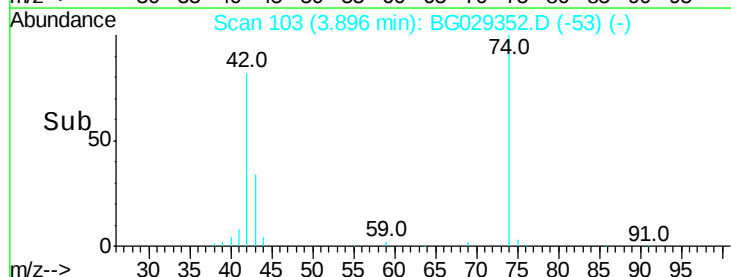
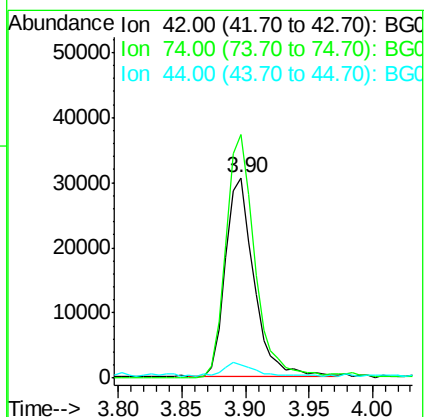
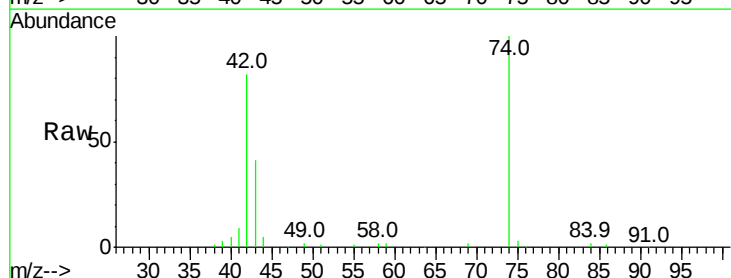
Tgt Ion: 42 Resp: 47624

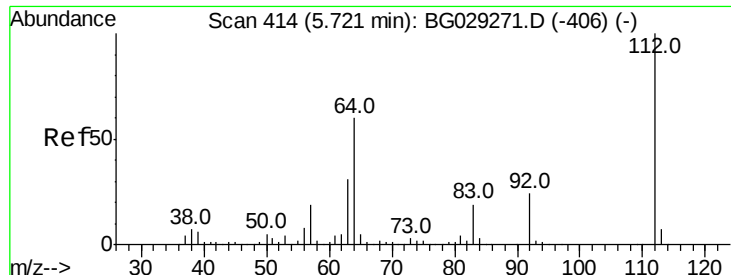
Ion Ratio Lower Upper

42 100

74 121.6 102.5 153.7

44 6.6 18.9 28.3#





#5

2-Fluorophenol

Concen: 94.020 ng

RT: 5.72 min Scan# 413

Delta R.T. -0.00 min

Lab File: BG029352.D

Acq: 19 Oct 2017 4:28

Instrument :

BNA_G

ClientSampled :

PB103395BS

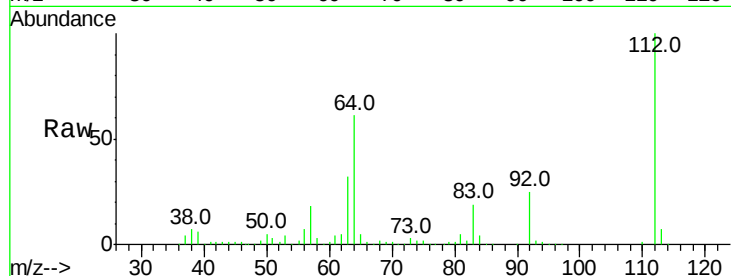
Tot Ion:112 Resp: 327182

Ion Ratio Lower Upper

112 100

64 61.3 56.3 84.5

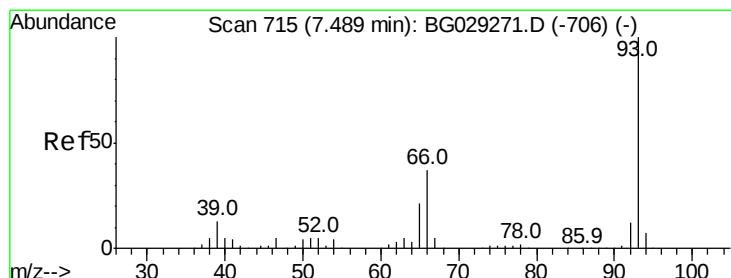
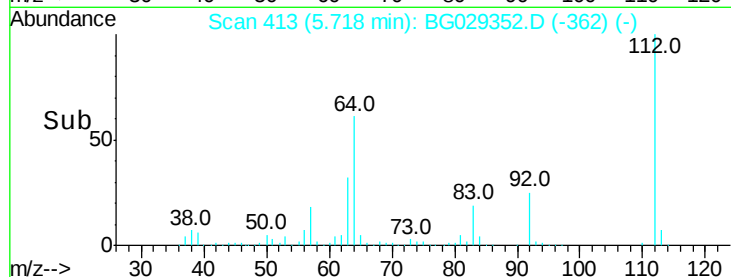
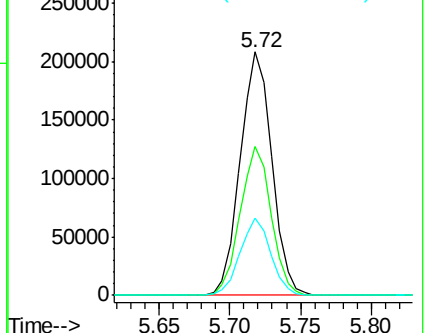
63 31.6 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 11.732 ng

RT: 7.48 min Scan# 713

Delta R.T. -0.01 min

Lab File: BG029352.D

Acq: 19 Oct 2017 4:28

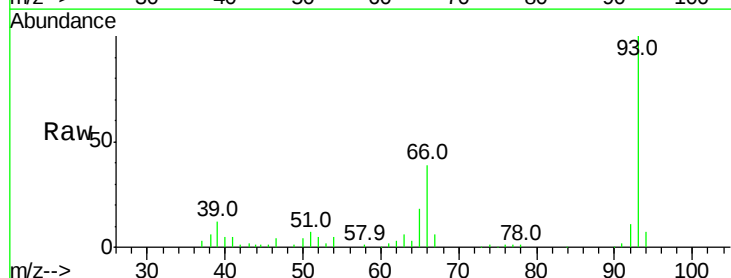
Tgt Ion: 93 Resp: 70963

Ion Ratio Lower Upper

93 100

66 38.6 33.7 50.5

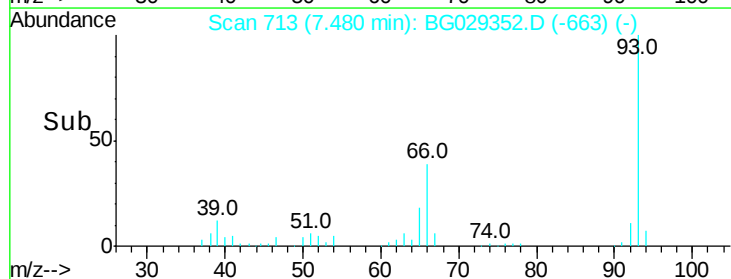
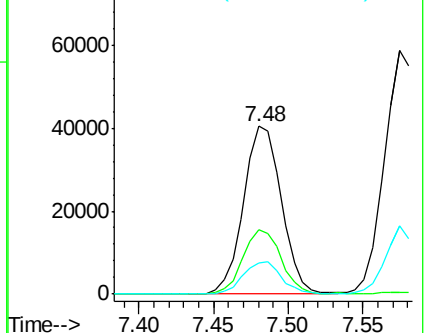
65 18.4 16.1 24.1

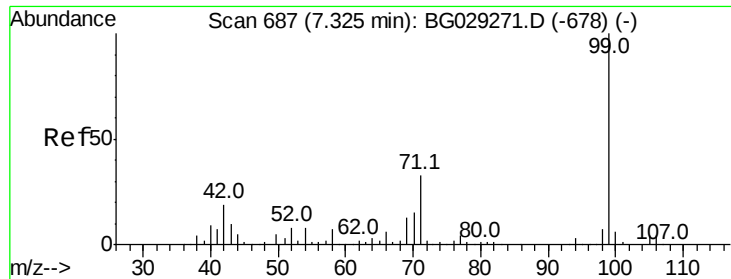


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 88.336 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG029352.D

Acq: 19 Oct 2017 4:28

Instrument :

BNA_G

ClientSampleId :

PB103395BS

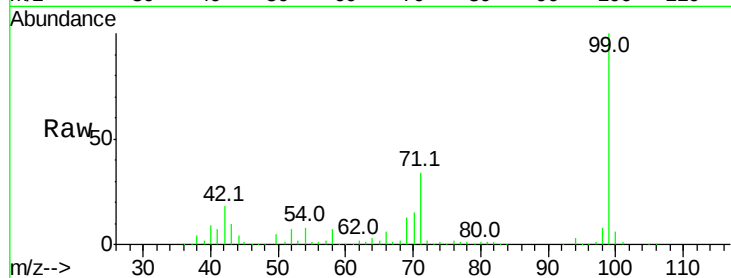
Tot Ion: 99 Resp: 431487

Ion Ratio Lower Upper

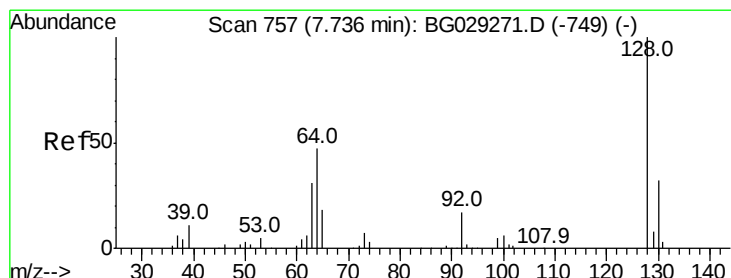
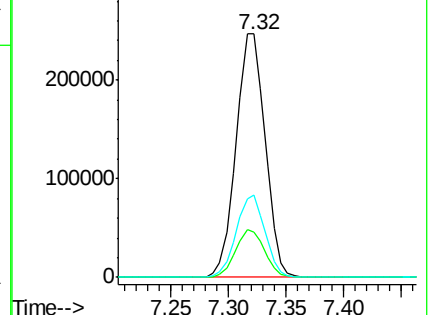
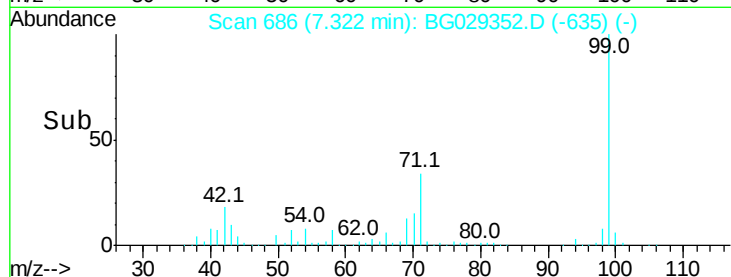
99 100

42 18.5 14.1 21.1

71 33.8 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: 26.356 ng

RT: 7.73 min Scan# 756

Delta R.T. -0.00 min

Lab File: BG029352.D

Acq: 19 Oct 2017 4:28

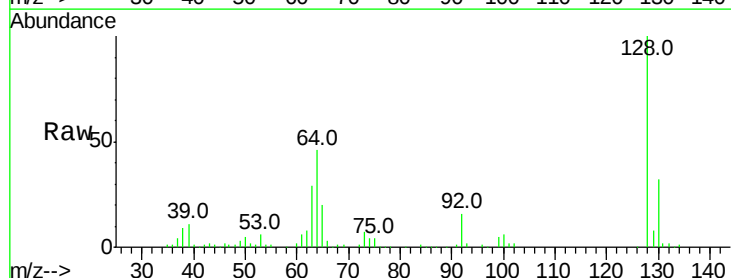
Tgt Ion: 128 Resp: 105129

Ion Ratio Lower Upper

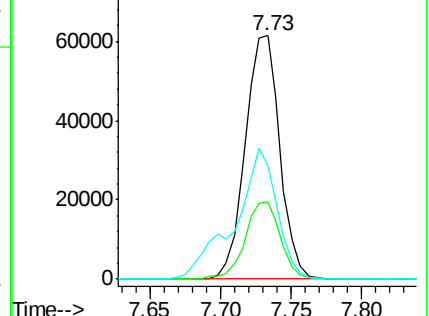
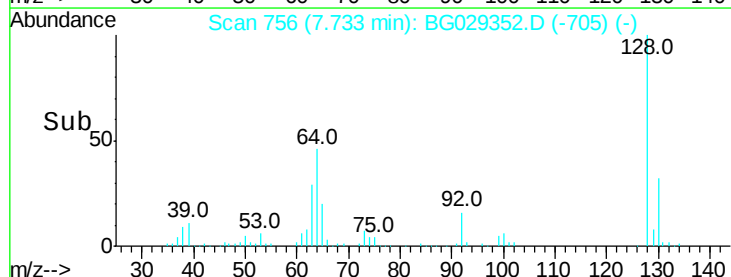
128 100

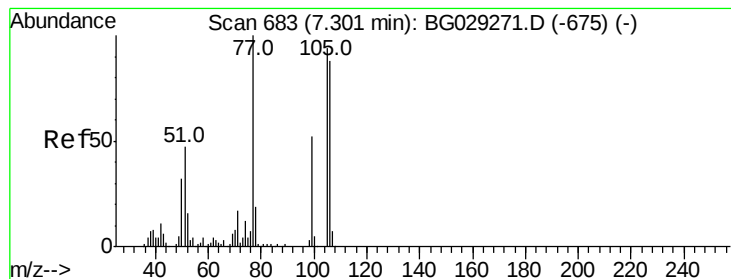
130 31.7 14.0 54.0

64 46.2 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: 12.094 ng

RT: 7.29 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG029352.D

Acq: 19 Oct 2017 4:28

Instrument :

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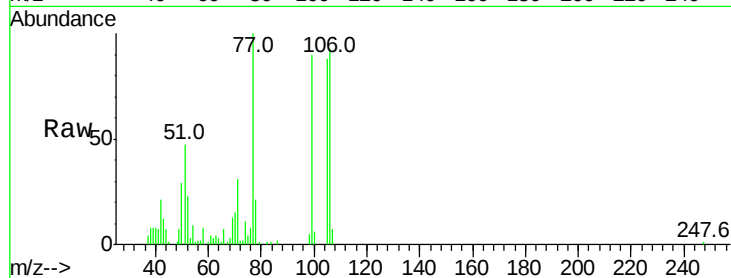
Tot Ion: 77 Resp: 29714

Ion Ratio Lower Upper

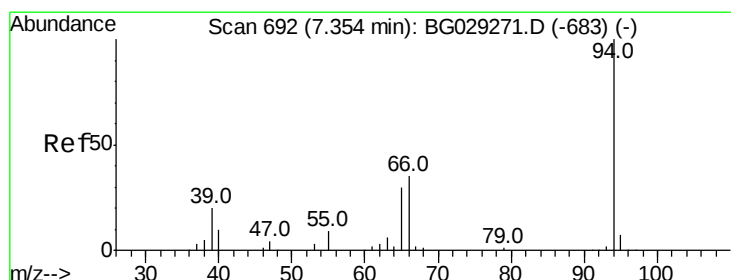
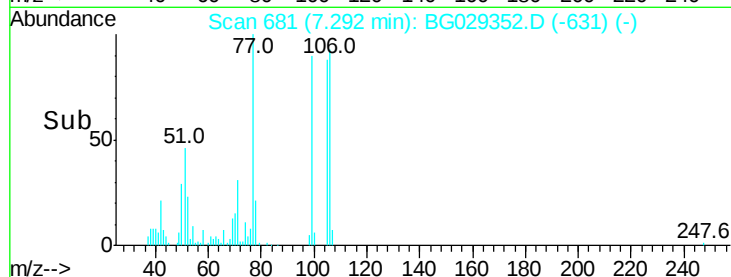
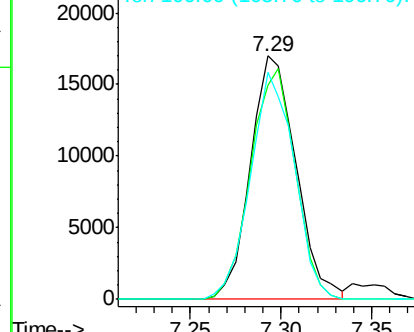
77 100

105 88.2 71.3 111.3

106 93.0 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 27.065 ng

RT: 7.35 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG029352.D

Acq: 19 Oct 2017 4:28

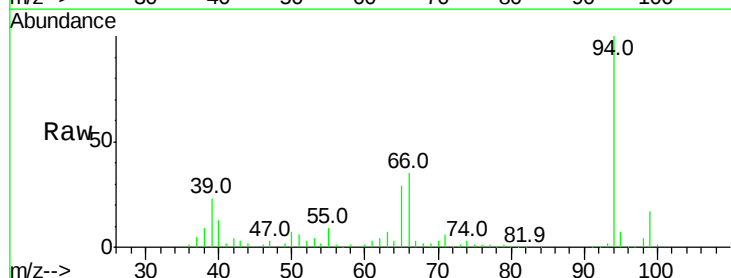
Tgt Ion: 94 Resp: 142524

Ion Ratio Lower Upper

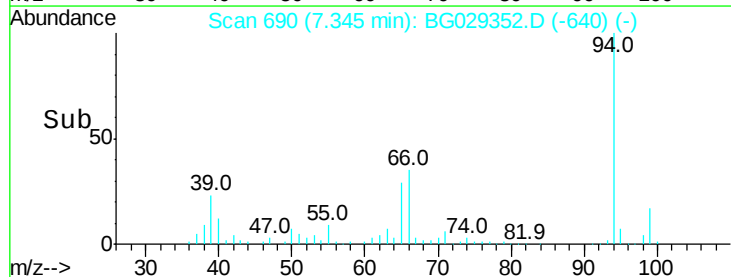
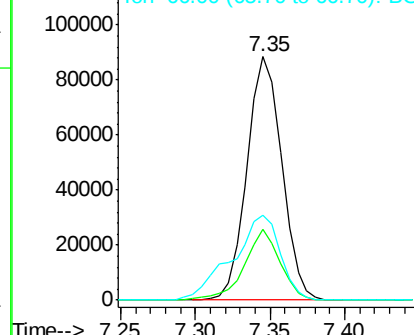
94 100

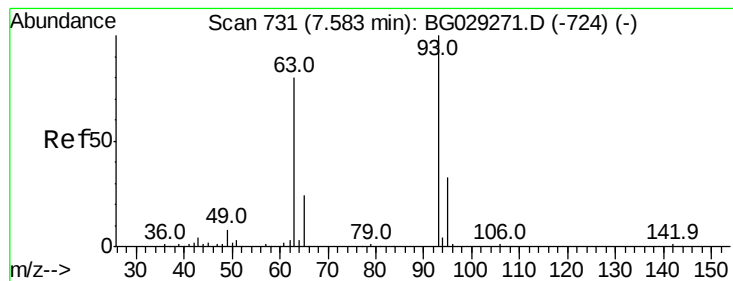
65 29.2 11.9 51.9

66 35.1 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

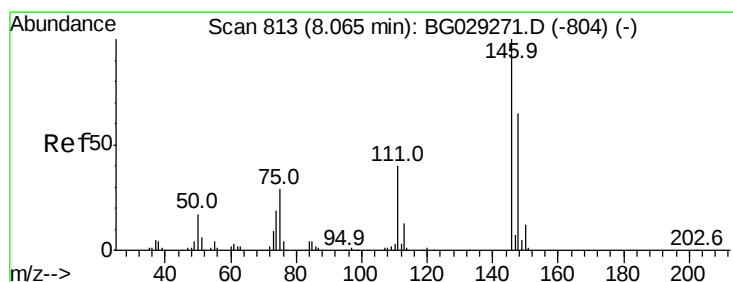
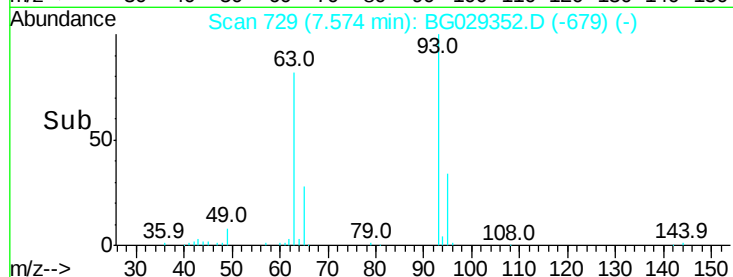
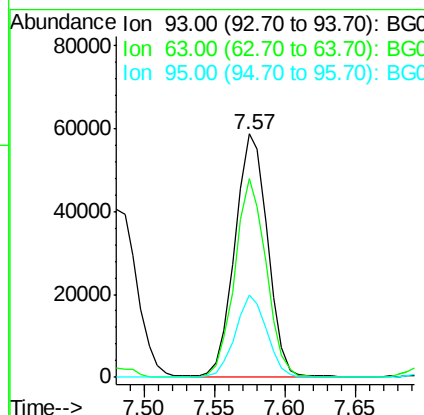
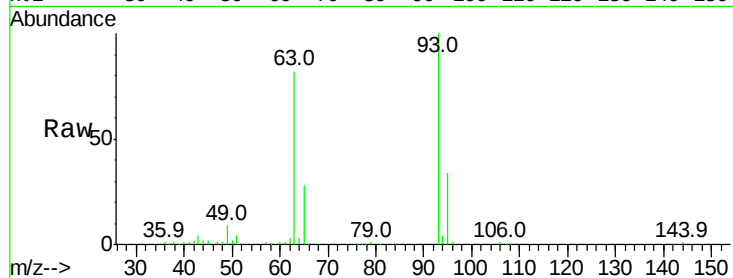




#11
bis(2-Chloroethyl)ether
Concen: 24.868 ng
RT: 7.57 min Scan# 729
Delta R.T. -0.01 min
Lab File: BG029352.D
Acq: 19 Oct 2017 4:28

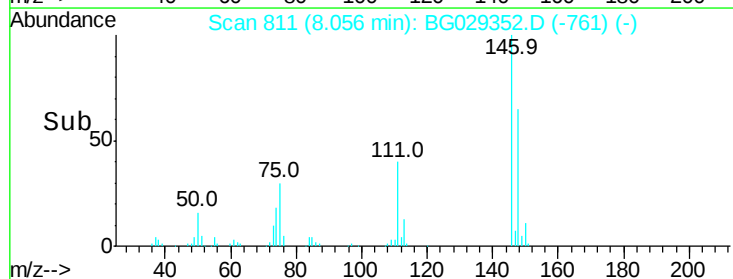
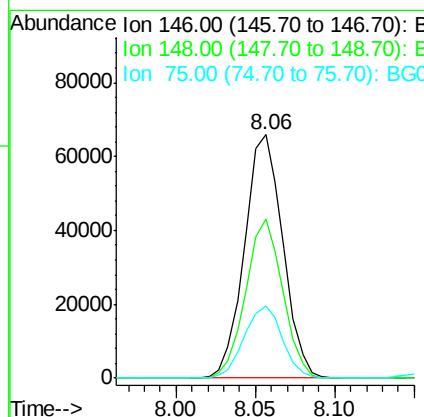
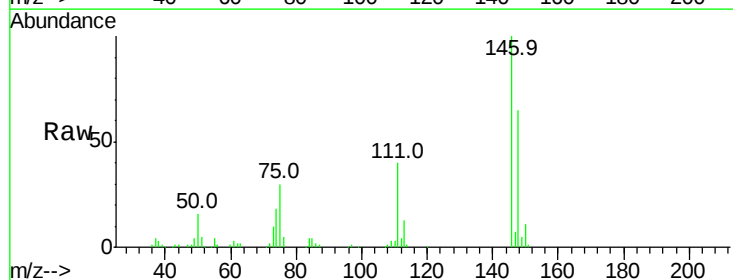
Instrument :
BNA_G
ClientSampleId :
PB103395BS

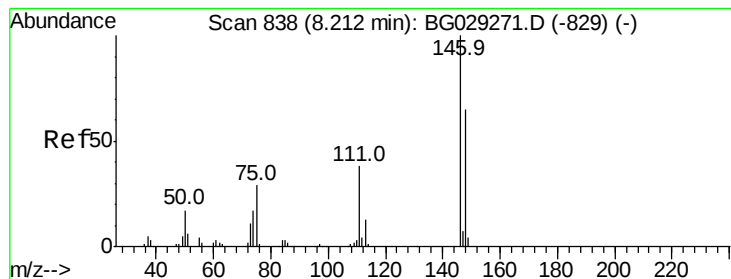
Tot Ion: 93 Resp: 95414
Ion Ratio Lower Upper
93 100
63 81.9 67.1 107.1
95 34.1 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 24.657 ng
RT: 8.06 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG029352.D
Acq: 19 Oct 2017 4:28

Tgt Ion: 146 Resp: 110418
Ion Ratio Lower Upper
146 100
148 65.3 51.4 77.2
75 29.5 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 24.740 ng

RT: 8.20 min Scan# 836

Delta R.T. -0.01 min

Lab File: BG029352.D

Acq: 19 Oct 2017 4:28

Instrument :

BNA_G

ClientSampleId :

PB103395BS

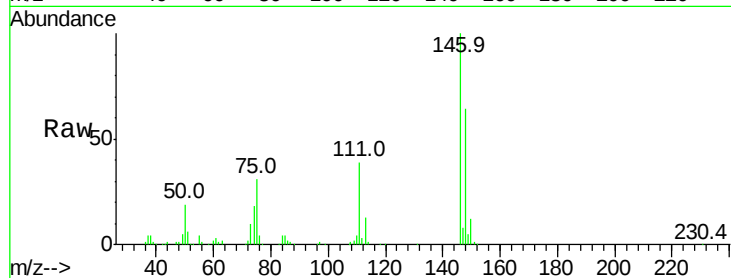
Tot Ion:146 Resp: 113115

Ion Ratio Lower Upper

146 100

148 64.3 53.7 80.5

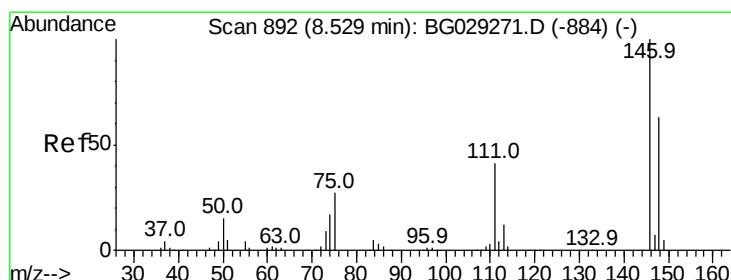
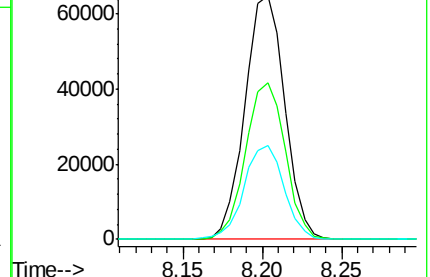
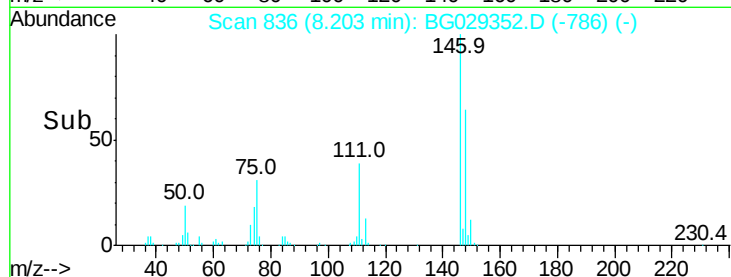
111 38.8 35.2 52.8



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: 24.064 ng

RT: 8.52 min Scan# 890

Delta R.T. -0.01 min

Lab File: BG029352.D

Acq: 19 Oct 2017 4:28

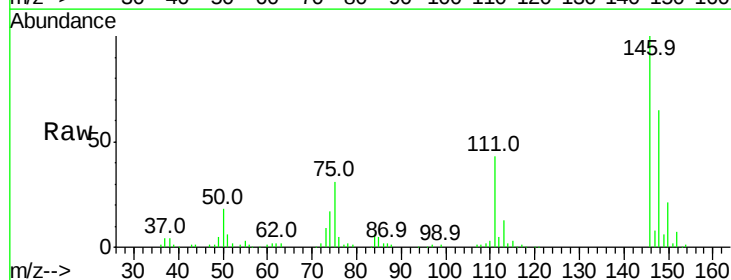
Tgt Ion:146 Resp: 106124

Ion Ratio Lower Upper

146 100

148 65.0 49.3 73.9

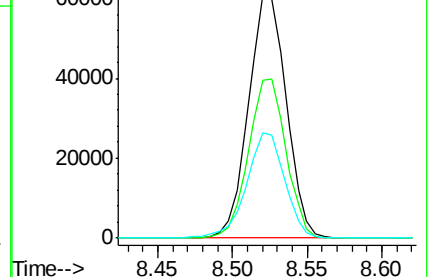
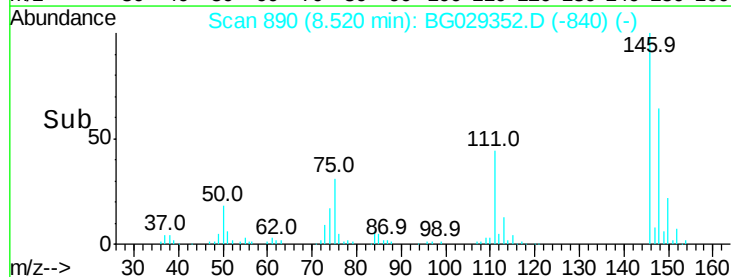
111 43.5 34.3 51.5



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

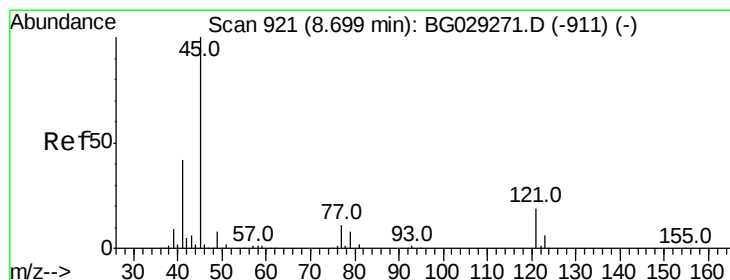
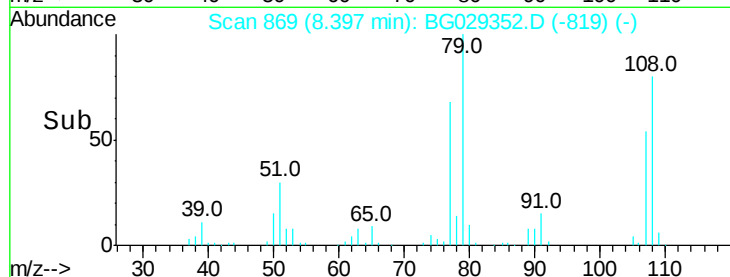
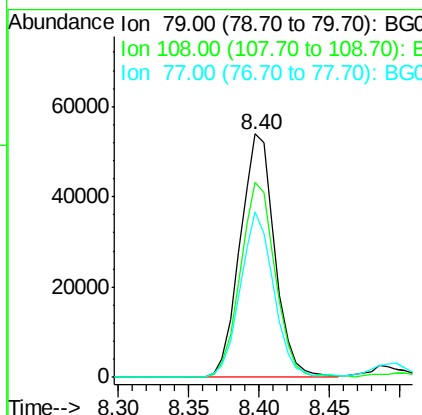
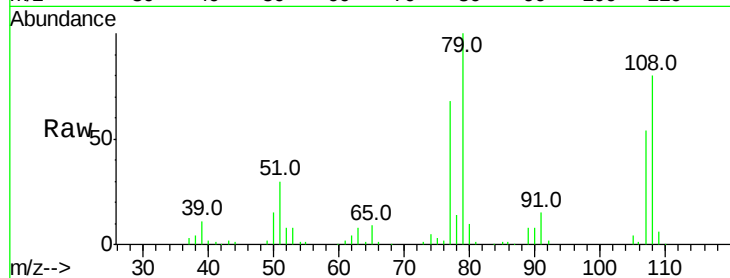




#15
Benzyl Alcohol
Concen: 26.861 ng
RT: 8.40 min Scan# 869
Delta R.T. -0.01 min
Lab File: BG029352.D
Acq: 19 Oct 2017 4:28

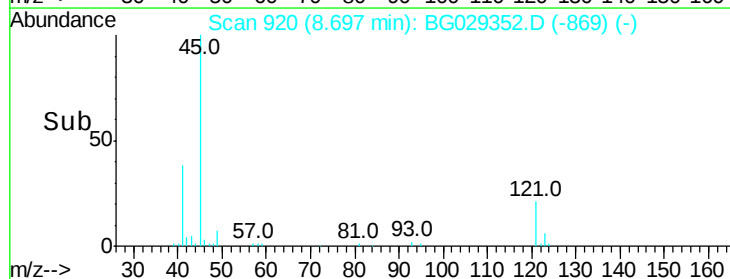
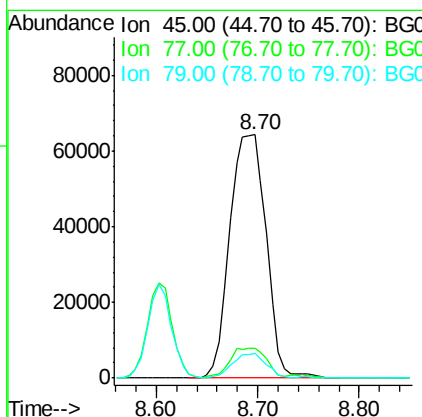
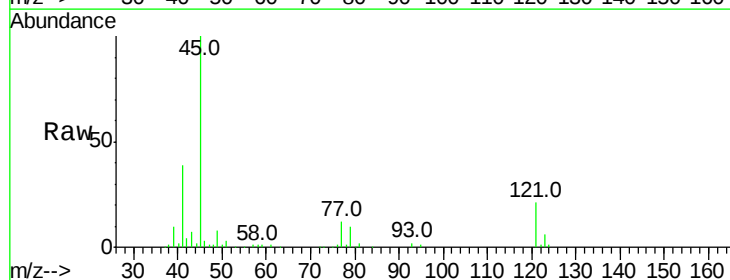
Instrument :
BNA_G
ClientSampleId :
PB103395BS

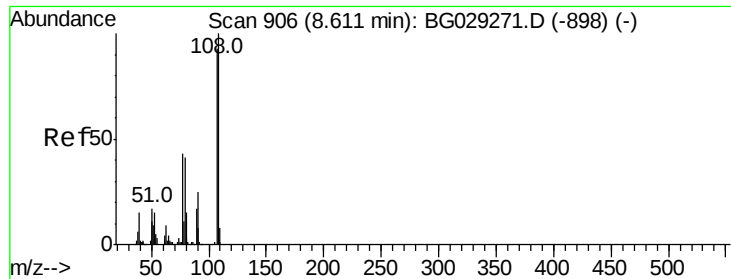
Tot Ion: 79 Resp: 92462
Ion Ratio Lower Upper
79 100
108 79.9 57.2 85.8
77 68.1 46.1 69.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 24.522 ng
RT: 8.70 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG029352.D
Acq: 19 Oct 2017 4:28

Tgt Ion: 45 Resp: 159779
Ion Ratio Lower Upper
45 100
77 12.1 0.0 30.2
79 10.0 0.0 27.9





#17

2-Methylphenol

Concen: 26.728 ng

RT: 8.60 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG029352.D

Acq: 19 Oct 2017 4:28

Instrument :

BNA_G

ClientSampleId :

PB103395BS

Tot Ion:107 Resp: 93500

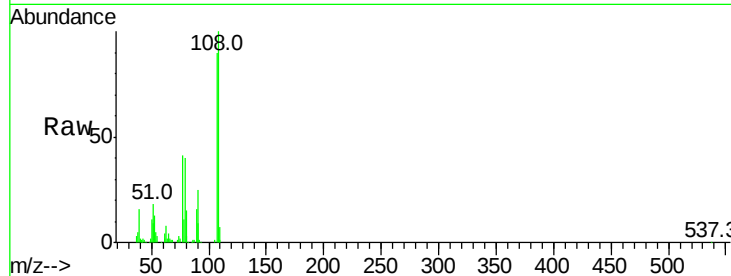
Ion Ratio Lower Upper

107 100

108 110.7 83.9 125.9

77 45.0 37.2 55.8

79 44.5 36.2 54.2

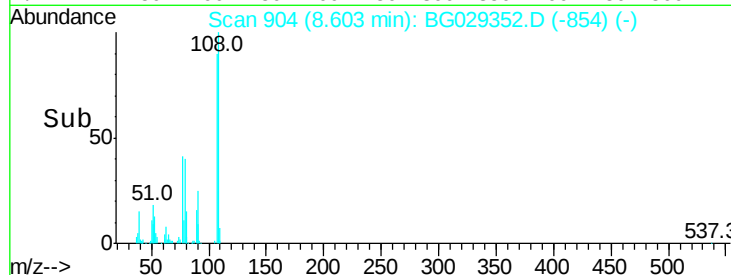
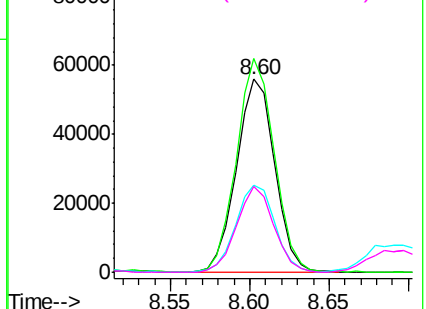


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 24.967 ng

RT: 9.26 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BG029352.D

Acq: 19 Oct 2017 4:28

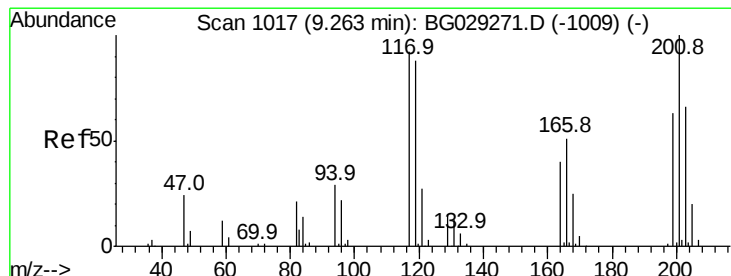
Tgt Ion:117 Resp: 38901

Ion Ratio Lower Upper

117 100

119 95.4 76.7 115.1

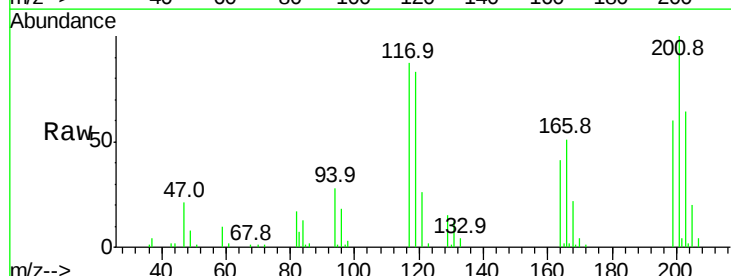
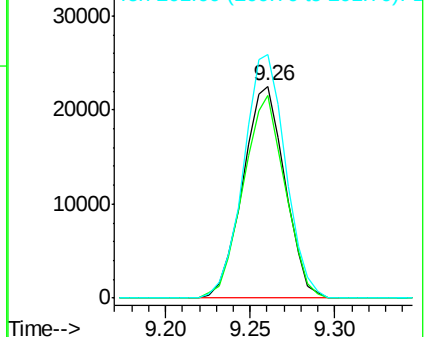
201 114.8 95.7 143.5

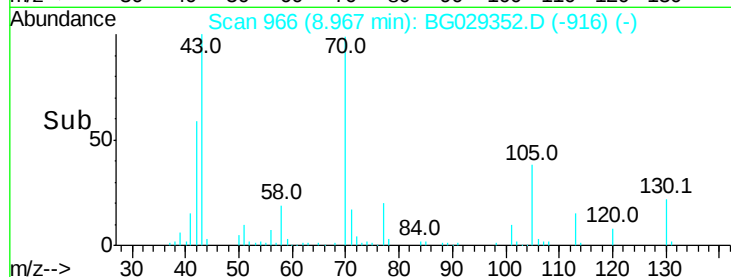
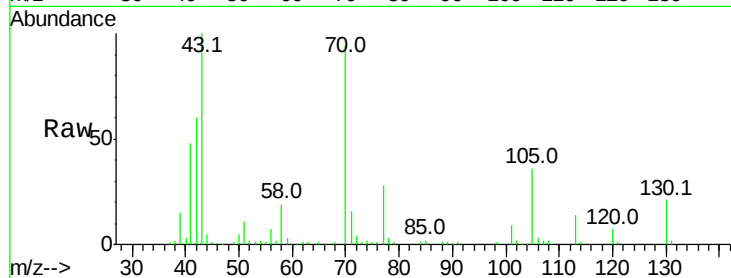
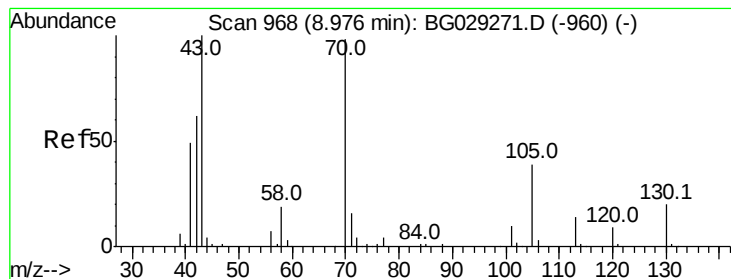


Abundance Ion 117.00 (116.70 to 117.70): E

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: 23.754 ng

RT: 8.97 min Scan# 966

Delta R.T. -0.01 min

Lab File: BG029352.D

Acq: 19 Oct 2017 4:28

Instrument :

BNA_G

ClientSampleId :

PB103395BS

Tot Ion: 70 Resp: 78893

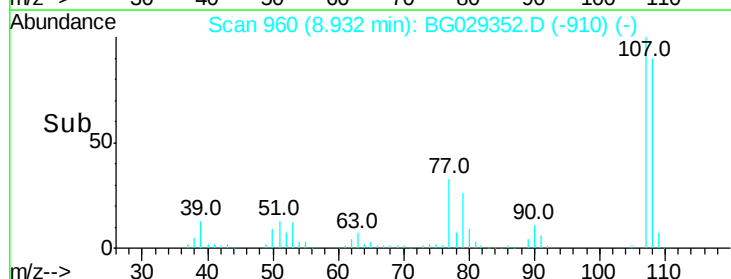
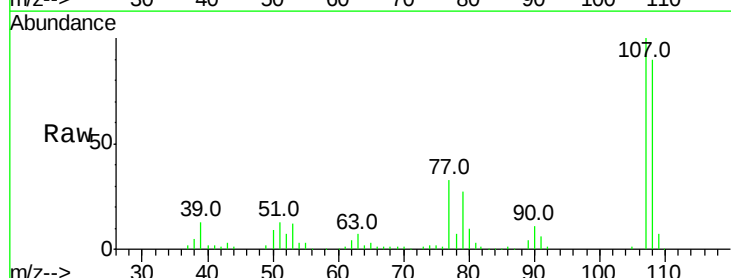
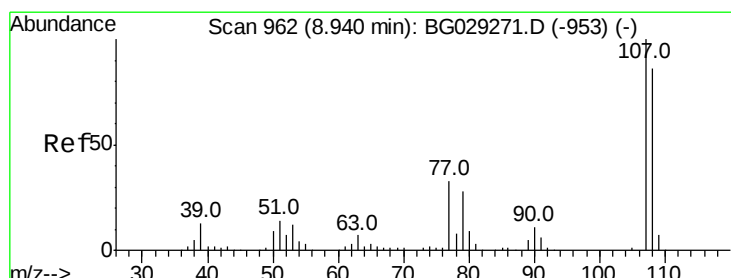
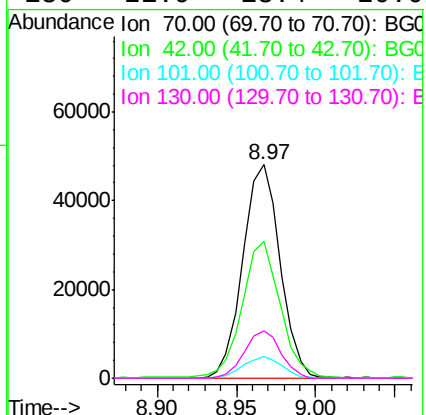
Ion Ratio Lower Upper

70 100

42 63.9 49.1 73.7

101 9.9 8.5 12.7

130 21.9 13.4 20.0#



#20

3+4-Methylphenols

Concen: 26.521 ng

RT: 8.93 min Scan# 960

Delta R.T. -0.01 min

Lab File: BG029352.D

Acq: 19 Oct 2017 4:28

Tgt Ion:107 Resp: 130724

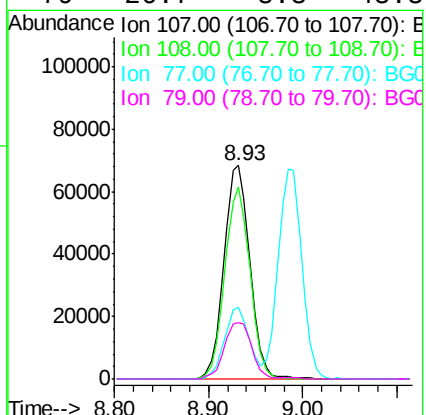
Ion Ratio Lower Upper

107 100

108 89.8 61.6 101.6

77 33.4 13.9 53.9

79 26.7 8.8 48.8

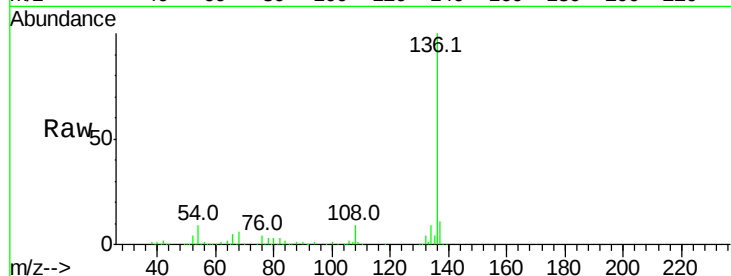




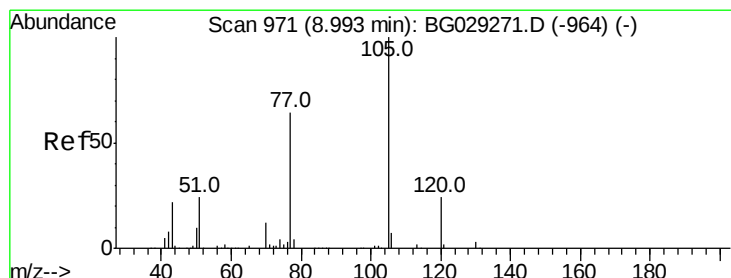
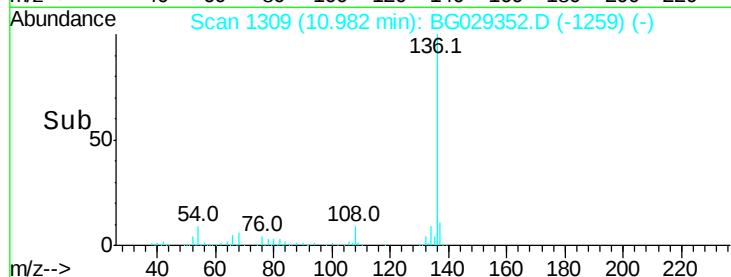
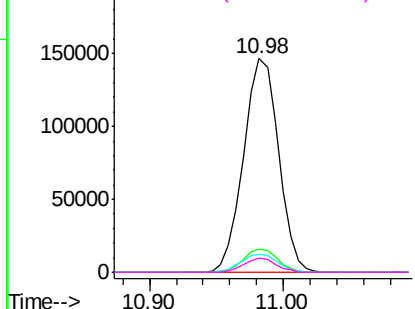
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG029352.D
Acq: 19 Oct 2017 4:28

Instrument :
BNA_G
ClientSampleId :
PB103395BS

Tot Ion:136	Resp: 265312
Ion Ratio	Lower Upper
136 100	
137 10.5	9.2 13.8
54 8.7	10.3 15.5#
68 6.4	4.5 6.7

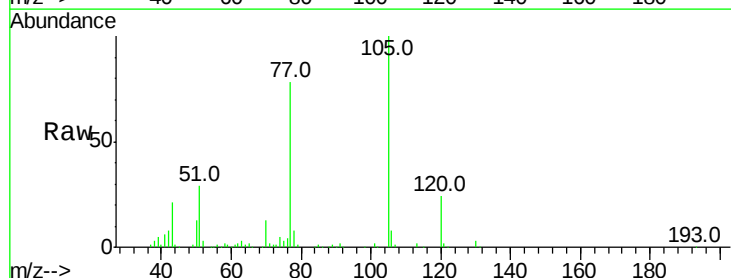


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

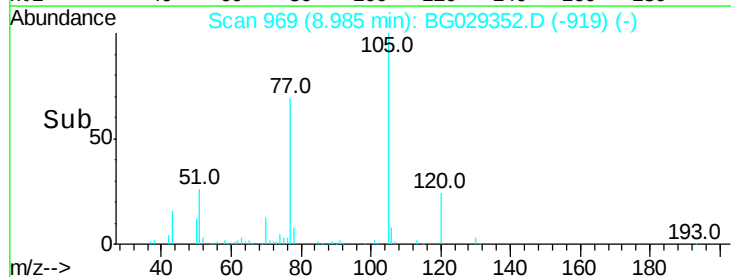
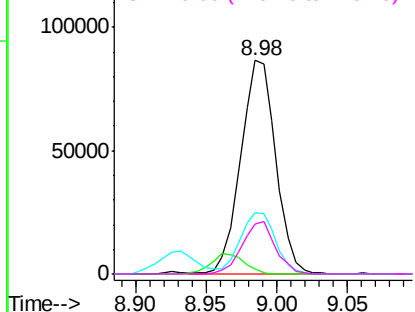


#22
Acetophenone
Concen: 23.523 ng
RT: 8.98 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG029352.D
Acq: 19 Oct 2017 4:28

Tgt Ion:105	Resp: 150402
Ion Ratio	Lower Upper
105 100	
71 2.2	3.0 4.4#
51 28.6	26.1 39.1
120 23.5	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

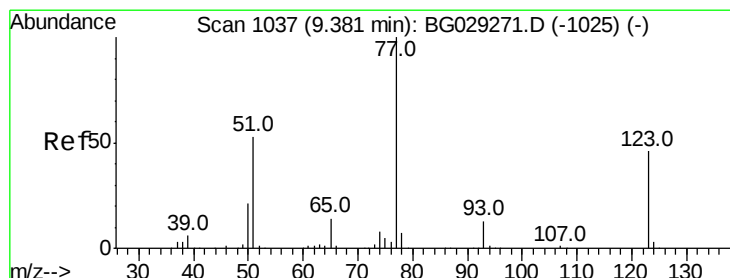
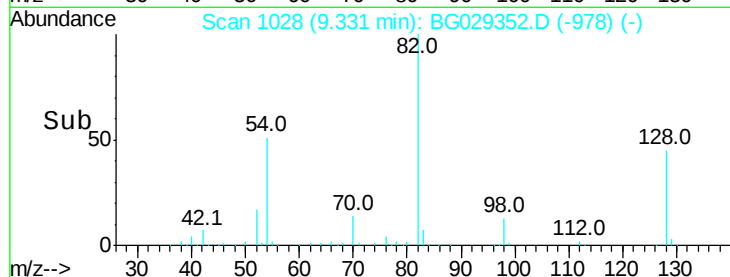
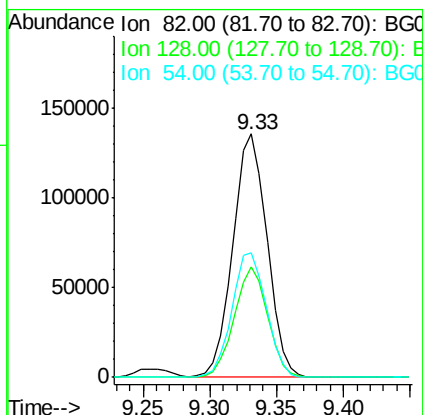
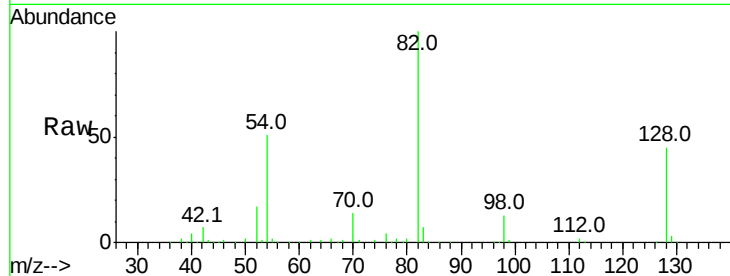




#23
 Nitrobenzene-d5
 Concen: 57.854 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG029352.D
 Acq: 19 Oct 2017 4:28

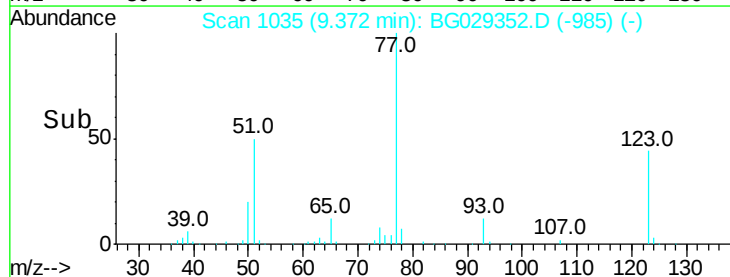
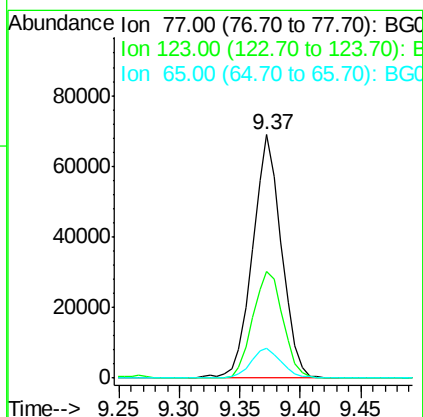
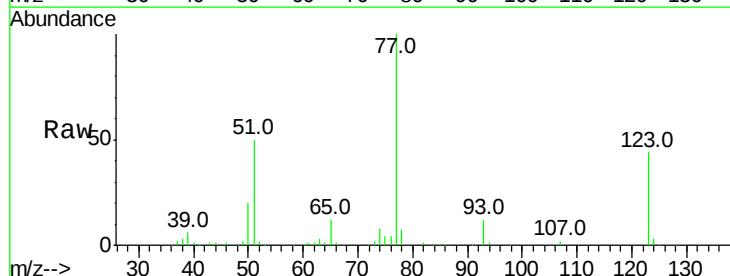
Instrument :
 BNA_G
 ClientSampleId :
 PB103395BS

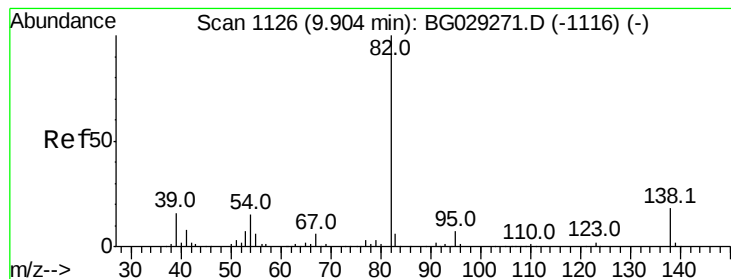
Tot Ion: 82 Resp: 241541
 Ion Ratio Lower Upper
 82 100
 128 45.4 29.7 44.5#
 54 51.0 43.1 64.7



#24
 Nitrobenzene
 Concen: 24.399 ng
 RT: 9.37 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG029352.D
 Acq: 19 Oct 2017 4:28

Tgt Ion: 77 Resp: 114537
 Ion Ratio Lower Upper
 77 100
 123 43.8 33.0 49.6
 65 12.2 13.0 19.6#





#25

Isophorone

Concen: 25.004 ng

RT: 9.90 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BG029352.D

Acq: 19 Oct 2017 4:28

Instrument :

BNA_G

ClientSampleId :

PB103395BS

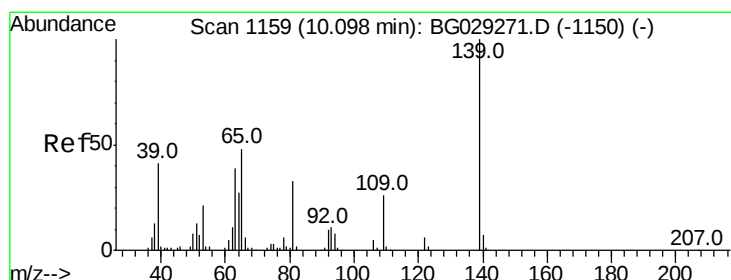
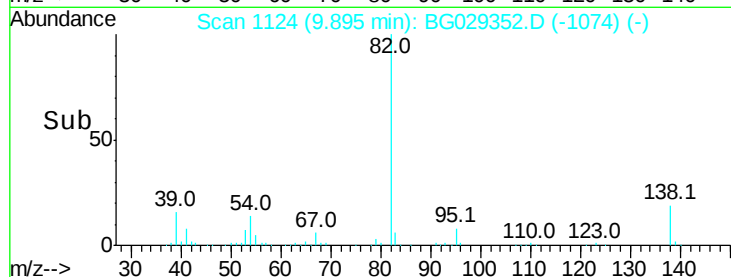
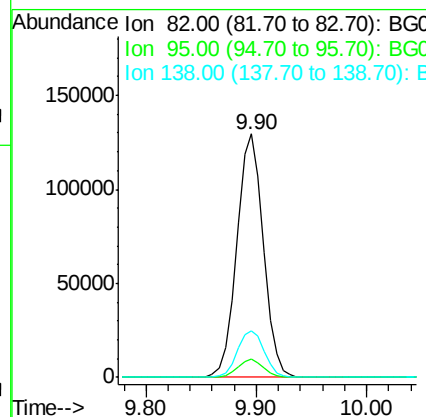
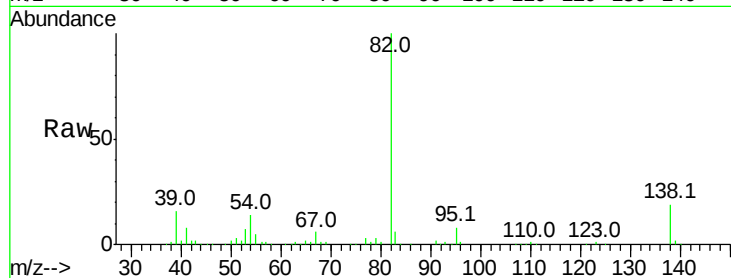
Tot Ion: 82 Resp: 217928

Ion Ratio Lower Upper

82 100

95 7.6 6.2 9.2

138 19.3 12.1 18.1#



#26

2-Nitrophenol

Concen: 25.477 ng

RT: 10.09 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BG029352.D

Acq: 19 Oct 2017 4:28

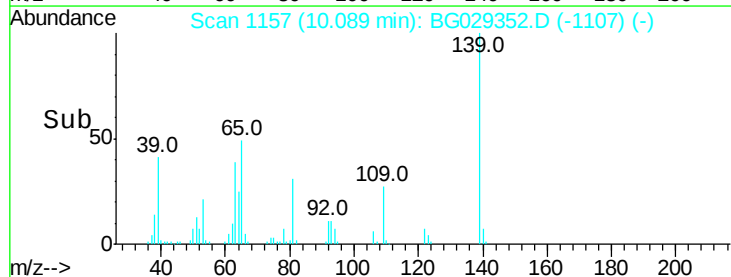
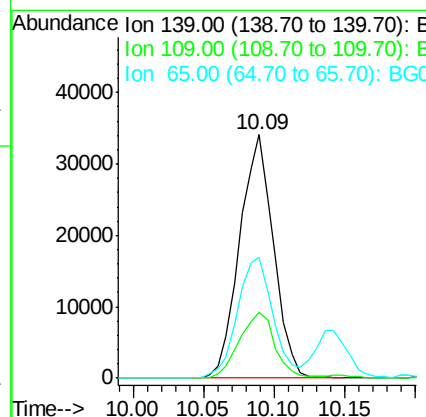
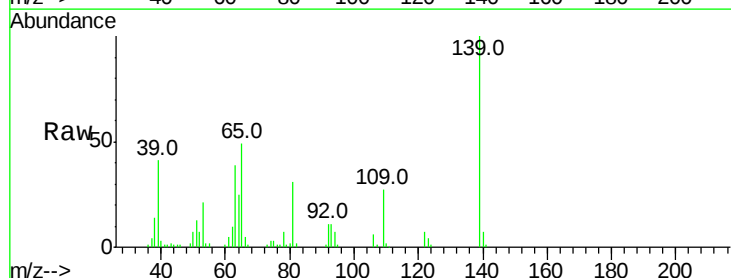
Tgt Ion: 139 Resp: 57160

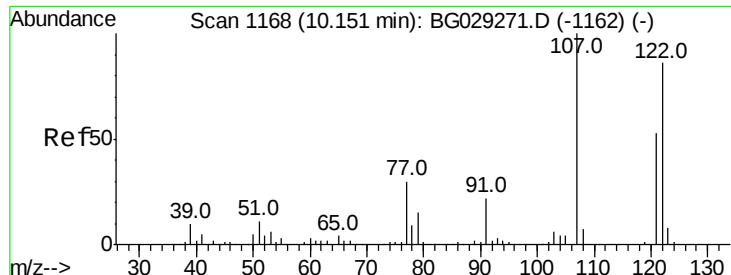
Ion Ratio Lower Upper

139 100

109 26.9 24.2 36.2

65 49.5 47.4 71.0

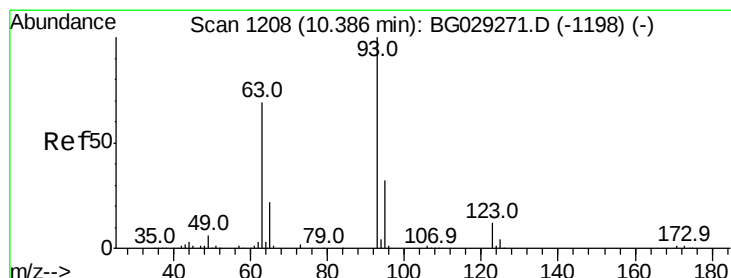
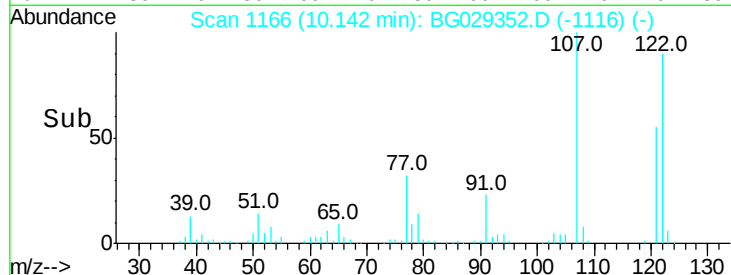
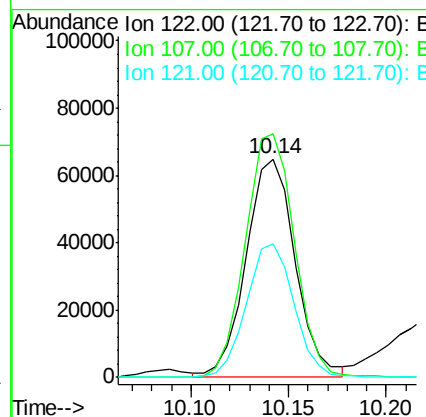
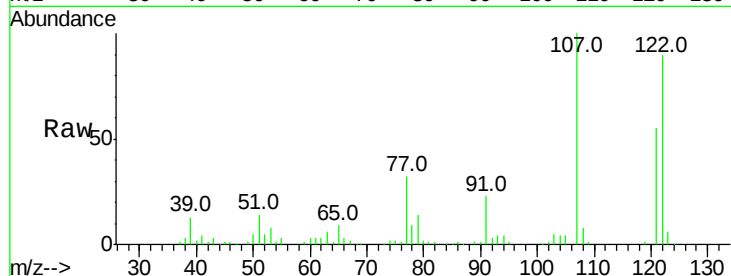




#27
 2,4-Dimethylphenol
 Concen: 27.712 ng
 RT: 10.14 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BG029352.D
 Acq: 19 Oct 2017 4:28

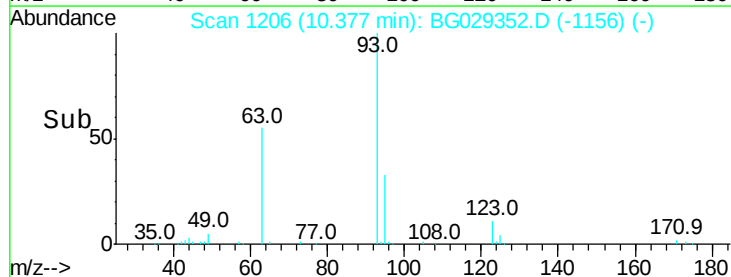
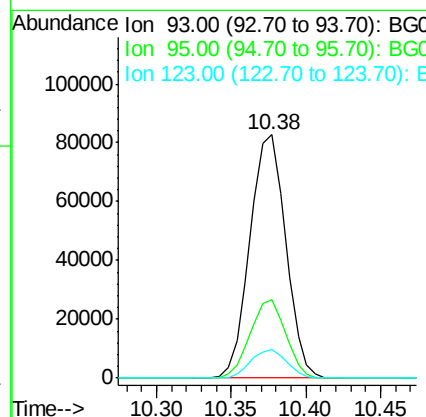
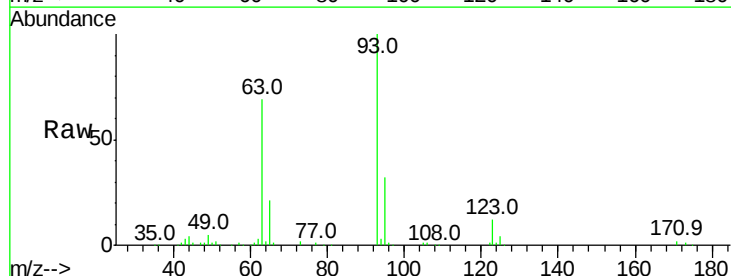
Instrument :
 BNA_G
 ClientSampleId :
 PB103395BS

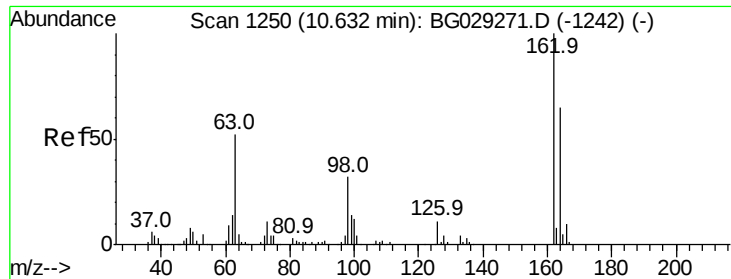
Tot Ion:122 Resp: 112490
 Ion Ratio Lower Upper
 122 100
 107 111.4 100.2 150.2
 121 61.4 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 25.765 ng
 RT: 10.38 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BG029352.D
 Acq: 19 Oct 2017 4:28

Tgt Ion: 93 Resp: 137699
 Ion Ratio Lower Upper
 93 100
 95 32.4 24.3 36.5
 123 11.6 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 26.998 ng

RT: 10.62 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BG029352.D

Acq: 19 Oct 2017 4:28

Instrument :

BNA_G

ClientSampleId :

PB103395BS

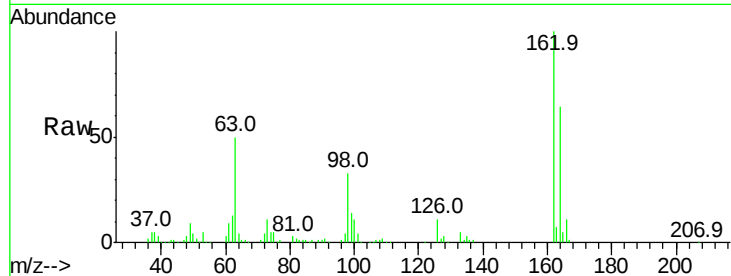
Tot Ion:162 Resp: 116868

Ion Ratio Lower Upper

162 100

164 64.4 48.0 88.0

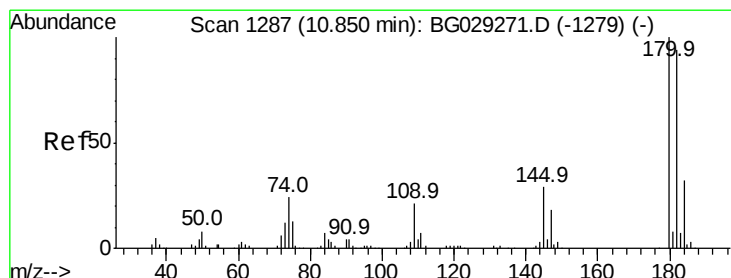
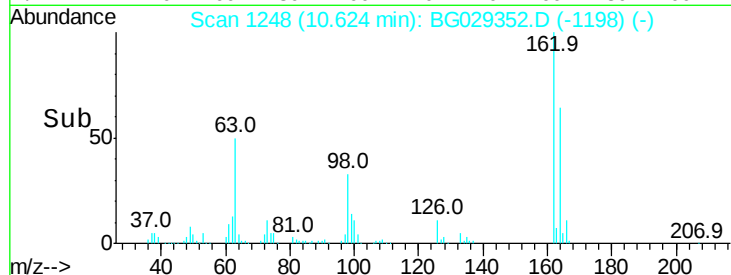
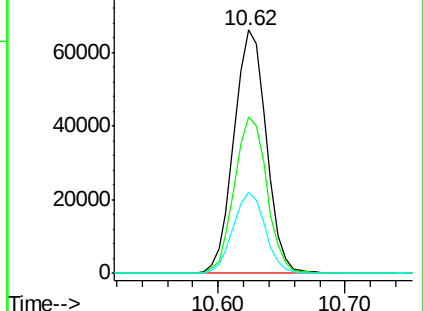
98 33.1 21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 24.111 ng

RT: 10.84 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BG029352.D

Acq: 19 Oct 2017 4:28

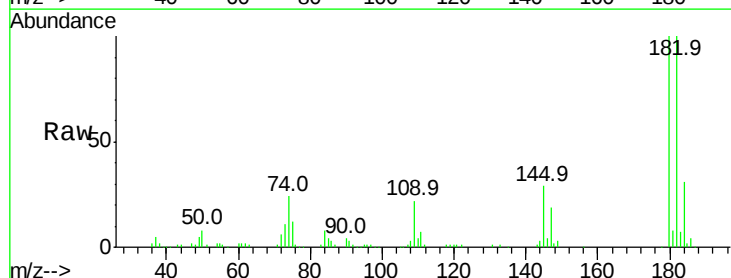
Tgt Ion:180 Resp: 112758

Ion Ratio Lower Upper

180 100

182 99.6 77.5 116.3

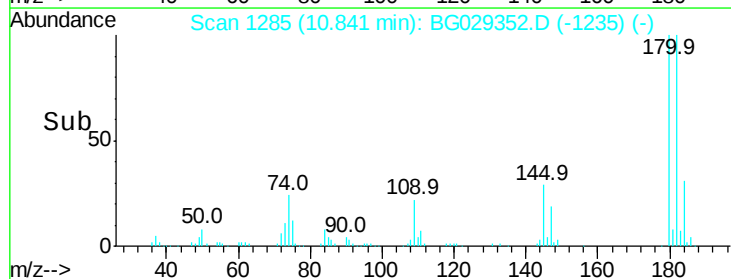
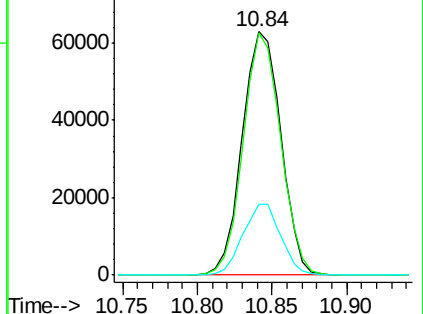
145 29.3 23.4 35.2

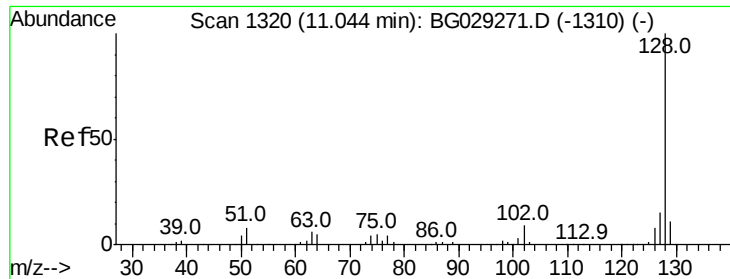


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 24.174 ng

RT: 11.04 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BG029352.D

Acq: 19 Oct 2017 4:28

Instrument :

BNA_G

ClientSampleId :

PB103395BS

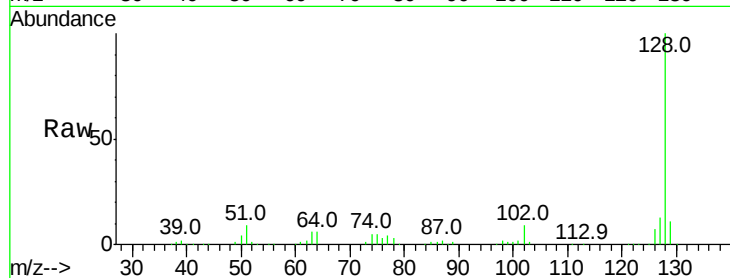
Tot Ion:128 Resp: 319648

Ion Ratio Lower Upper

128 100

129 11.5 8.6 12.8

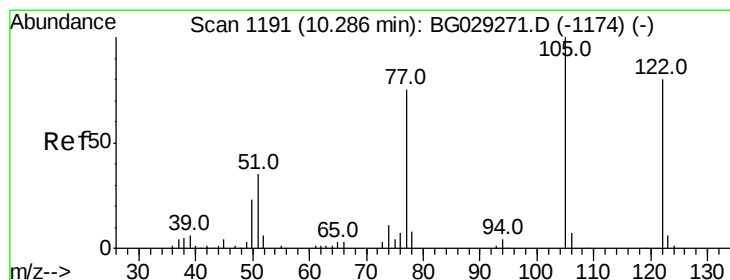
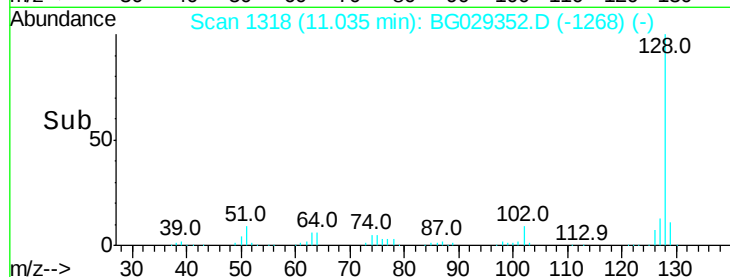
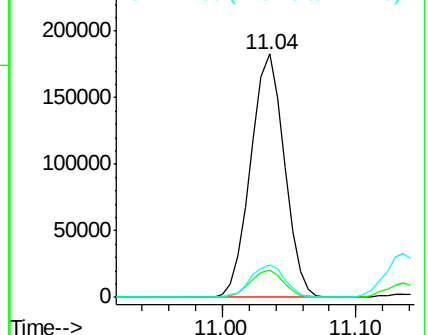
127 13.3 11.6 17.4



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: 24.886 ng

RT: 10.25 min Scan# 1184

Delta R.T. -0.04 min

Lab File: BG029352.D

Acq: 19 Oct 2017 4:28

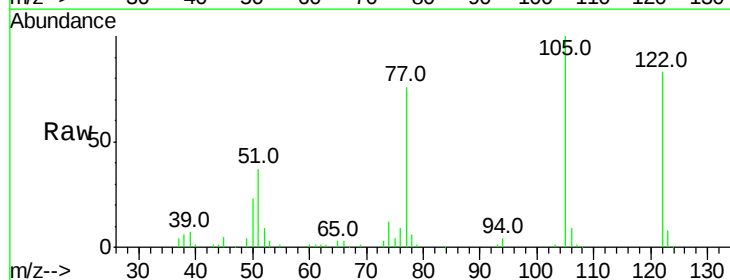
Tgt Ion:122 Resp: 84585

Ion Ratio Lower Upper

122 100

105 120.2 123.5 163.5#

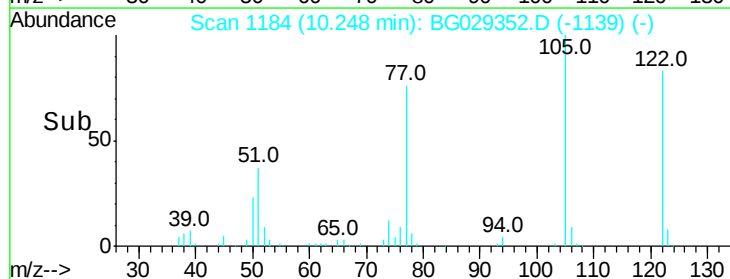
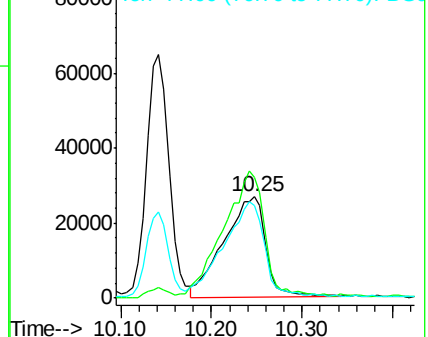
77 91.3 85.7 125.7



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

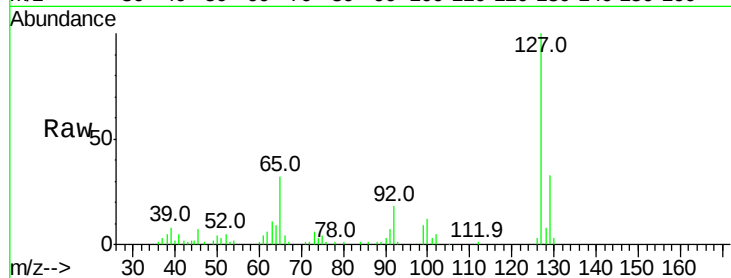




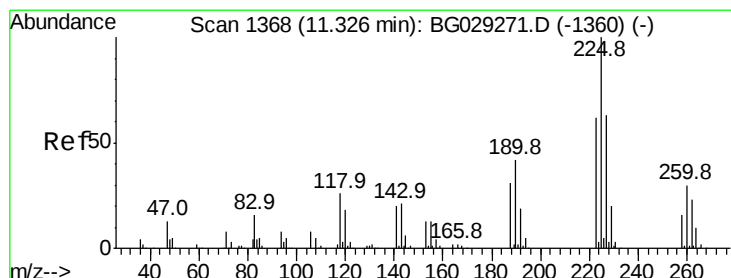
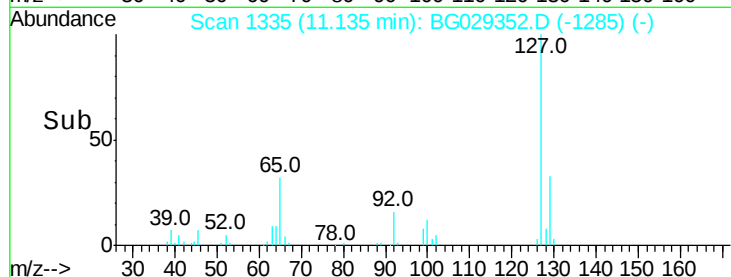
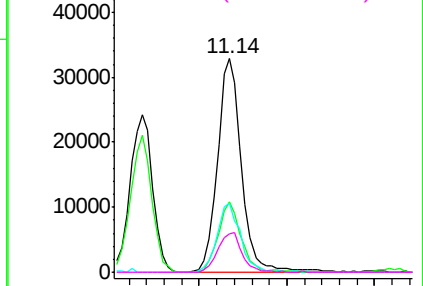
#33
4-Chloroaniline
Concen: 11.171 ng
RT: 11.14 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BG029352.D
Acq: 19 Oct 2017 4:28

Instrument :
BNA_G
ClientSampleId :
PB103395BS

Tot Ion:	127	Resp:	62135
Ion	Ratio	Lower	Upper
127	100		
129	32.8	24.0	36.0
65	32.1	27.0	40.4
92	17.8	16.6	25.0

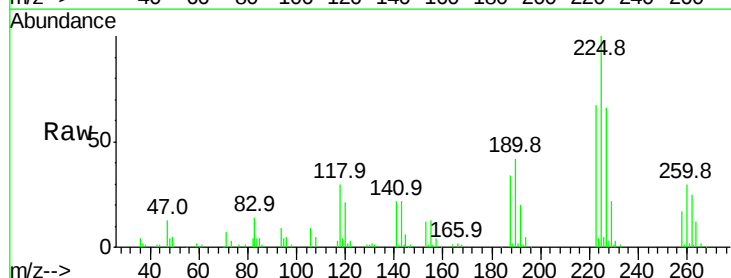


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

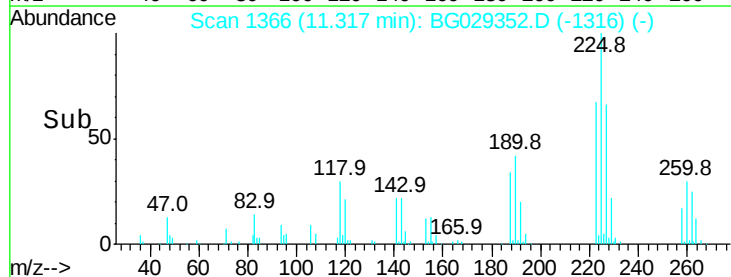
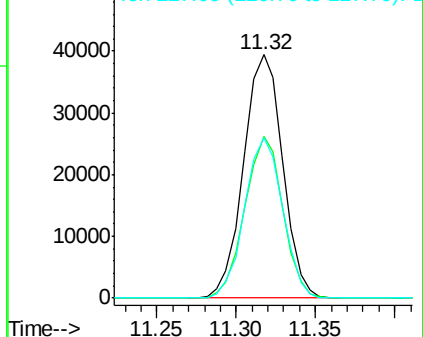


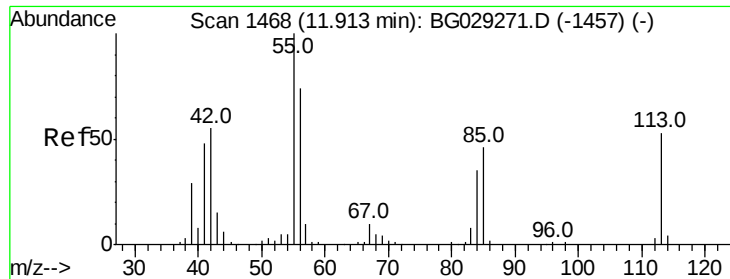
#34
Hexachlorobutadiene
Concen: 23.270 ng
RT: 11.32 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BG029352.D
Acq: 19 Oct 2017 4:28

Tgt Ion:	225	Resp:	67661
Ion	Ratio	Lower	Upper
225	100		
223	66.6	49.7	74.5
227	65.7	48.1	72.1



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





#35

Caprolactam

Concen: 31.626 ng

RT: 11.89 min Scan# 1463

Delta R.T. -0.03 min

Lab File: BG029352.D

Acq: 19 Oct 2017 4:28

Instrument :

BNA_G

ClientSampleId :

PB103395BS

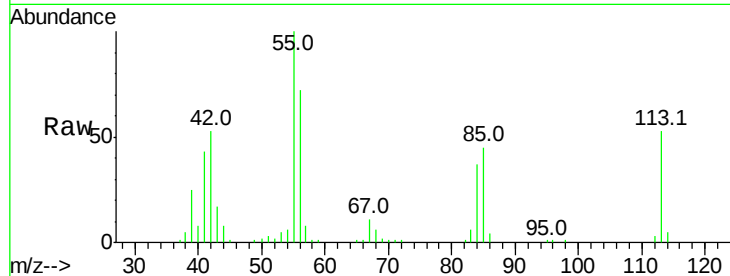
Tot Ion:113 Resp: 45498

Ion Ratio Lower Upper

113 100

55 188.8 186.9 226.9

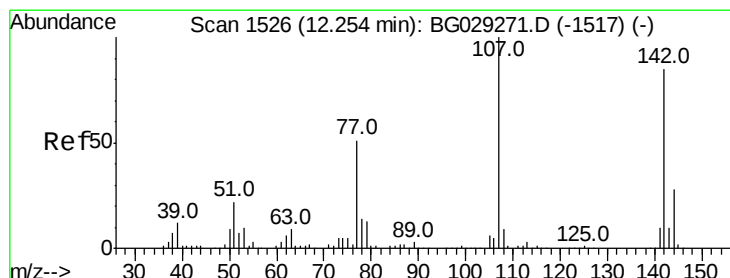
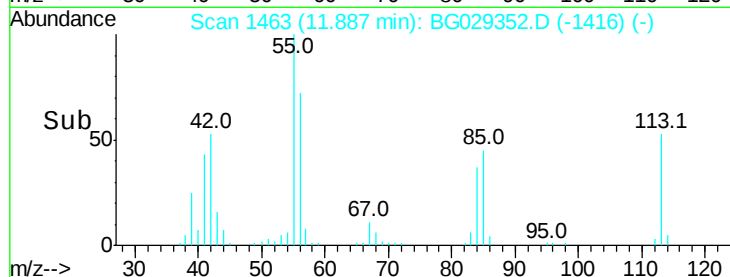
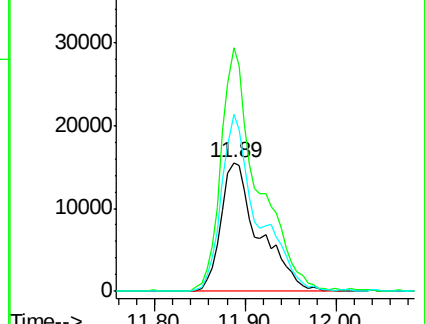
56 136.8 130.9 170.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 26.263 ng

RT: 12.25 min Scan# 1524

Delta R.T. -0.01 min

Lab File: BG029352.D

Acq: 19 Oct 2017 4:28

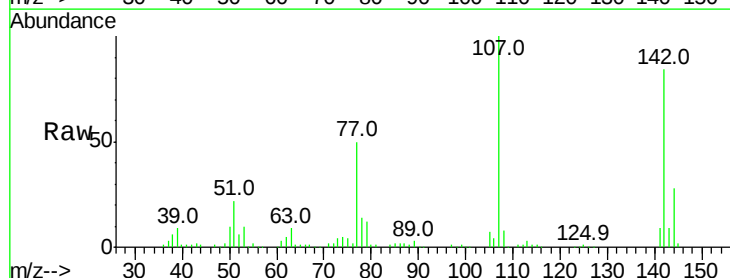
Tgt Ion:107 Resp: 125035

Ion Ratio Lower Upper

107 100

144 28.3 18.2 27.4#

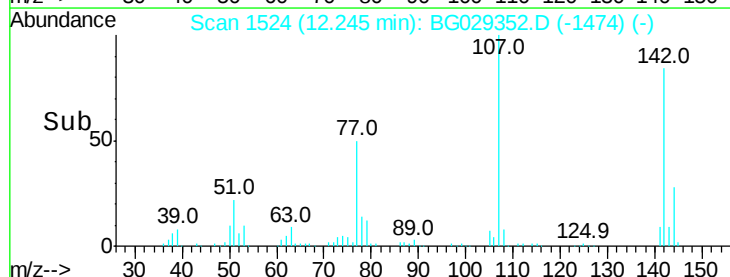
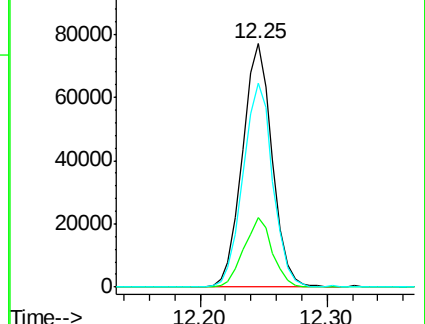
142 83.9 59.0 88.4

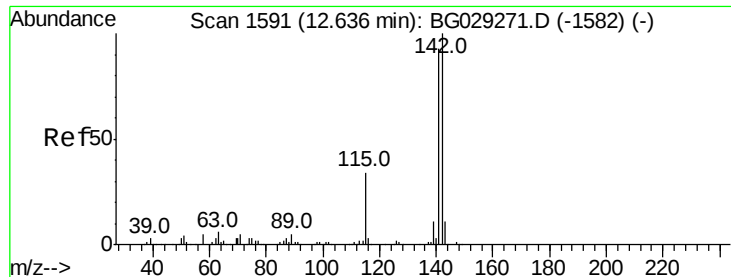


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

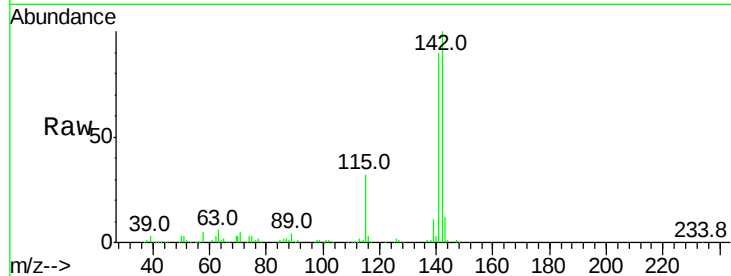




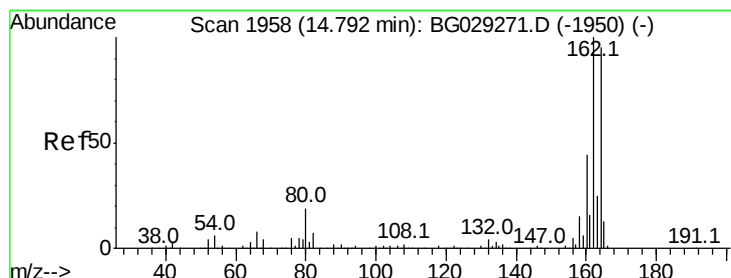
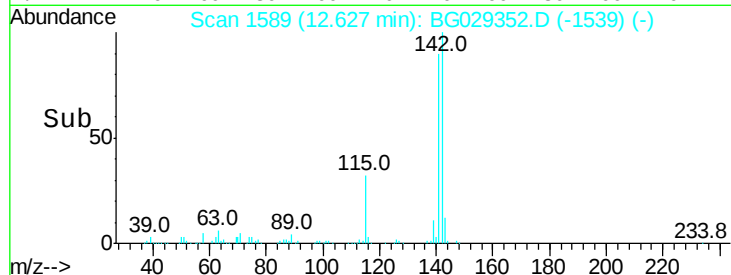
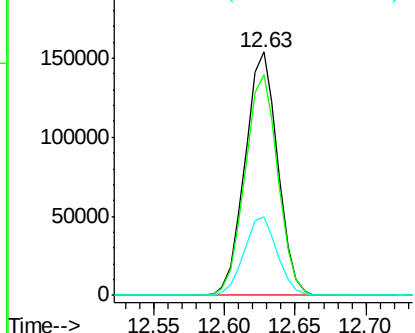
#37
2-Methylnaphthalene
Concen: 25.910 ng
RT: 12.63 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BG029352.D
Acq: 19 Oct 2017 4:28

Instrument :
BNA_G
ClientSampleId :
PB103395BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	67.1	100.7
115	32.5	30.7	46.1

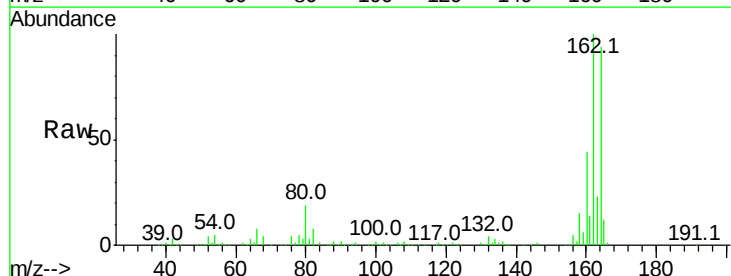


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

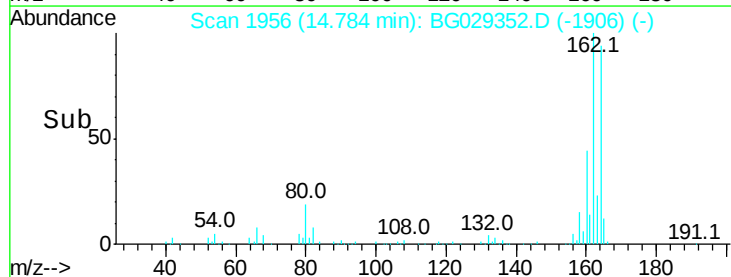
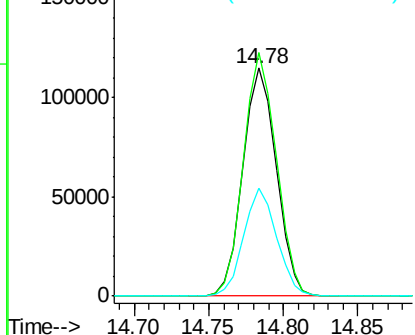


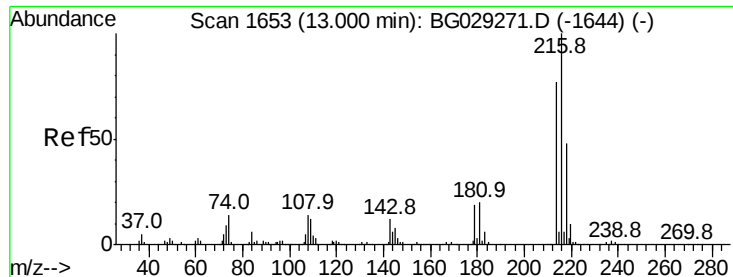
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG029352.D
Acq: 19 Oct 2017 4:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.7	78.8	118.2
160	47.2	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

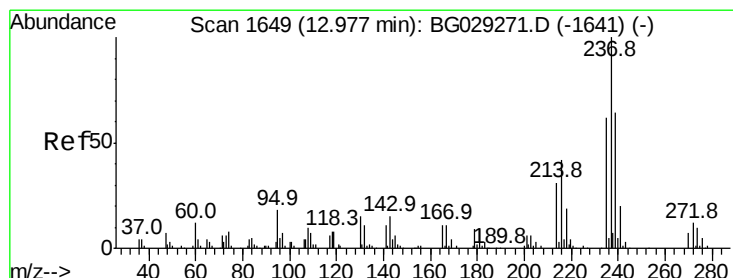
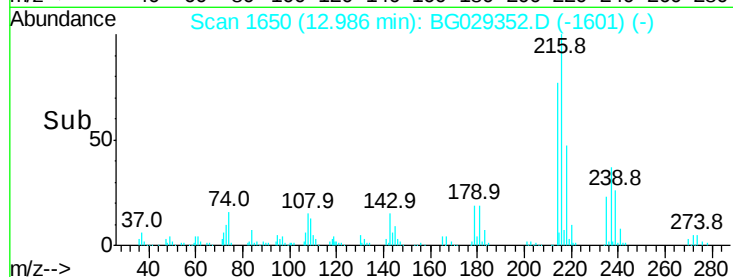
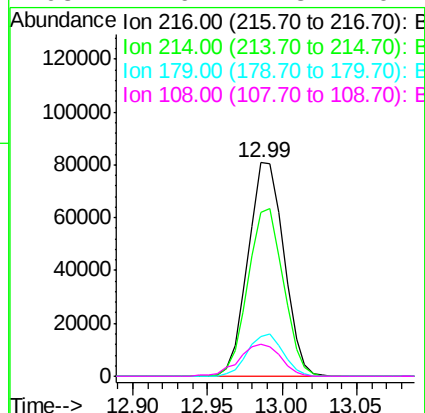
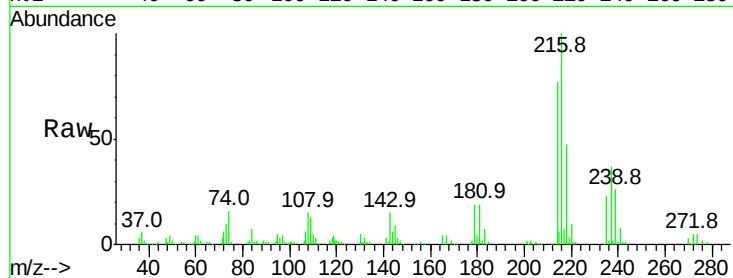




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 20.645 ng
 RT: 12.99 min Scan# 1650
 Delta R.T. -0.01 min
 Lab File: BG029352.D
 Acq: 19 Oct 2017 4:28

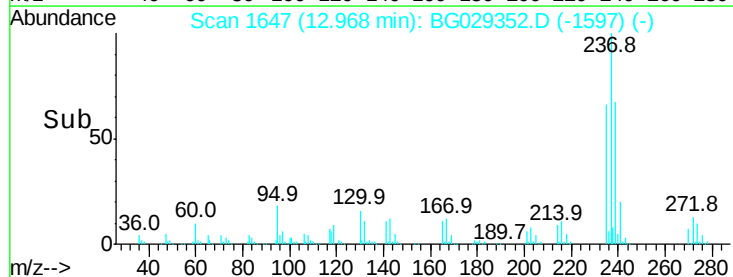
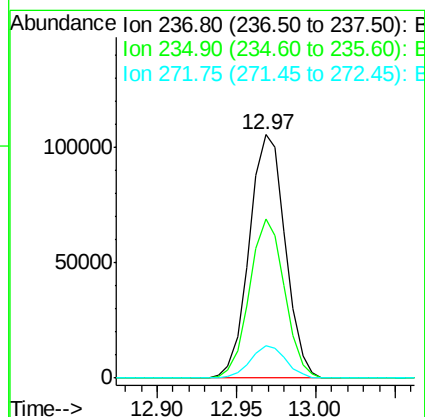
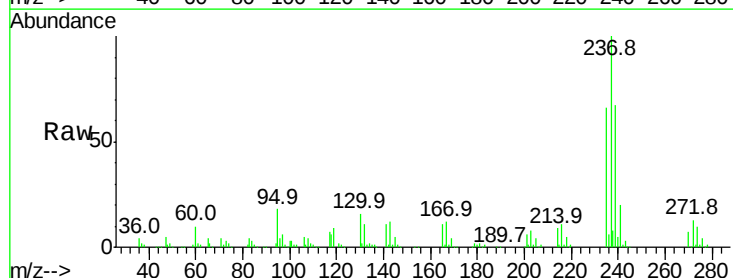
Instrument :
 BNA_G
 ClientSampleId :
 PB103395BS

Tot Ion:	216	Resp:	134300
Ion	Ratio	Lower	Upper
216	100		
214	77.5	63.0	94.4
179	19.3	17.0	25.6
108	17.6	12.8	19.2



#40
 Hexachlorocyclopentadiene
 Concen: 68.402 ng
 RT: 12.97 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BG029352.D
 Acq: 19 Oct 2017 4:28

Tgt Ion:	237	Resp:	166801
Ion	Ratio	Lower	Upper
237	100		
235	65.6	50.4	90.4
272	13.2	0.0	31.8

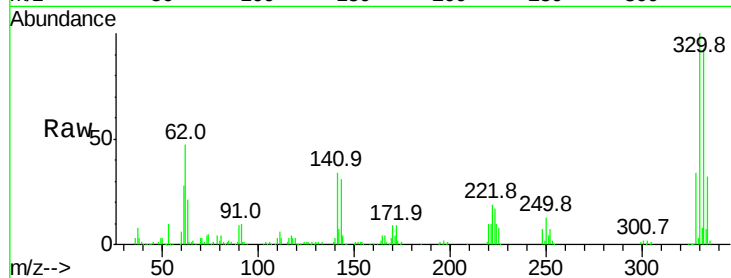




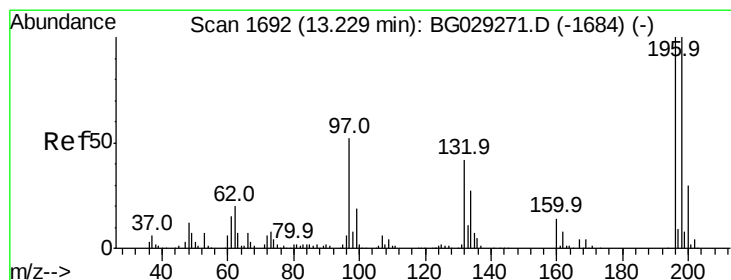
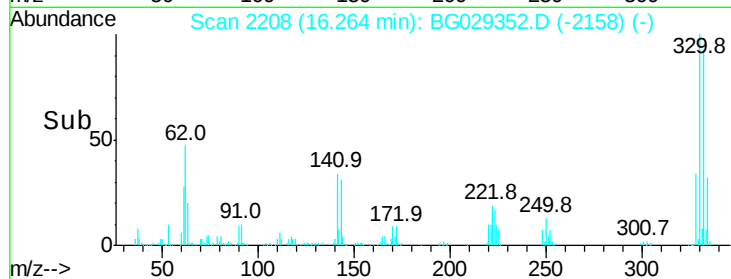
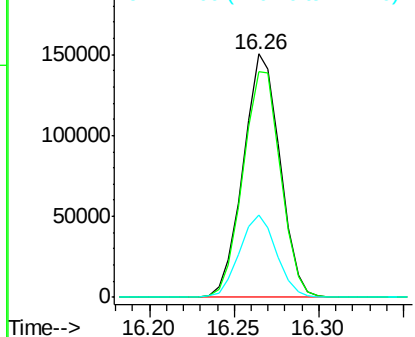
#41
 2,4,6-Tribromophenol
 Concen: 99.227 ng
 RT: 16.26 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG029352.D
 Acq: 19 Oct 2017 4:28

Instrument :
 BNA_G
 ClientSampleId :
 PB103395BS

Tot Ion:330 Resp: 228269
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.0 115.6
 141 33.8 25.2 37.8

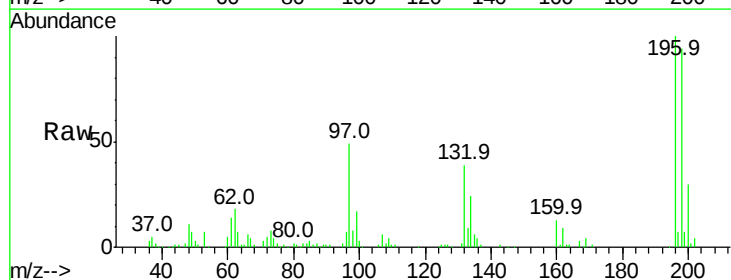


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

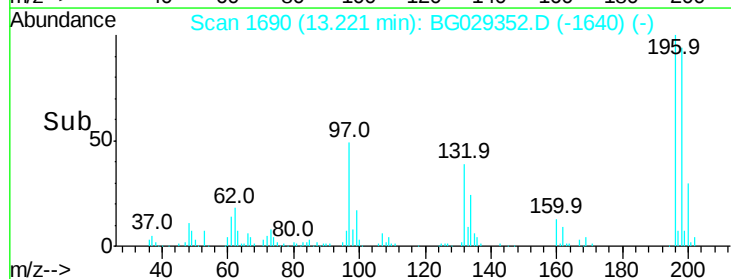
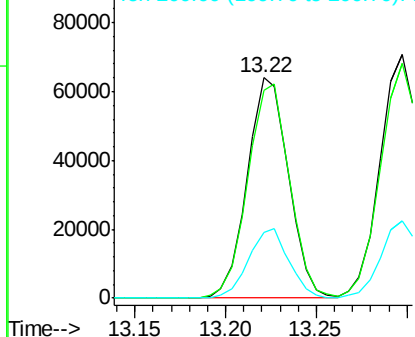


#42
 2,4,6-Trichlorophenol
 Concen: 24.832 ng
 RT: 13.22 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BG029352.D
 Acq: 19 Oct 2017 4:28

Tgt Ion:196 Resp: 101407
 Ion Ratio Lower Upper
 196 100
 198 94.1 78.2 117.2
 200 29.9 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

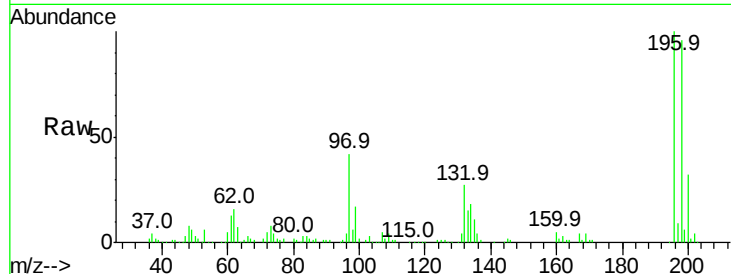




#43
 2,4,5-Trichlorophenol
 Concen: 26.787 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG029352.D
 Acq: 19 Oct 2017 4:28

Instrument :
 BNA_G
 ClientSampleId :
 PB103395BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.5	76.2	114.4
97	41.8	38.7	58.1
132	26.7	20.2	30.2



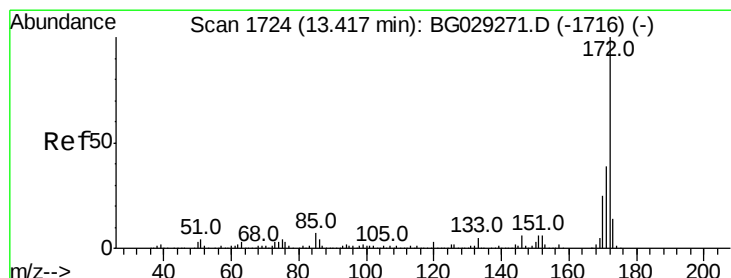
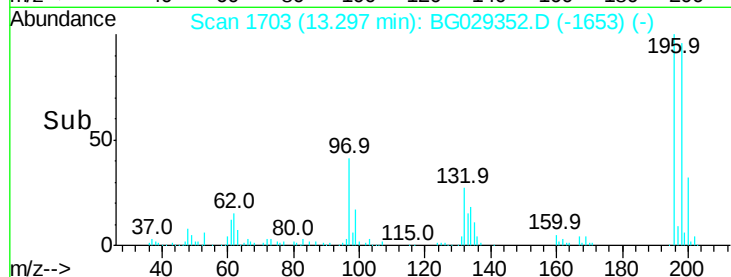
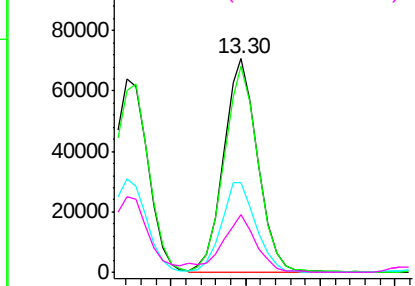
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

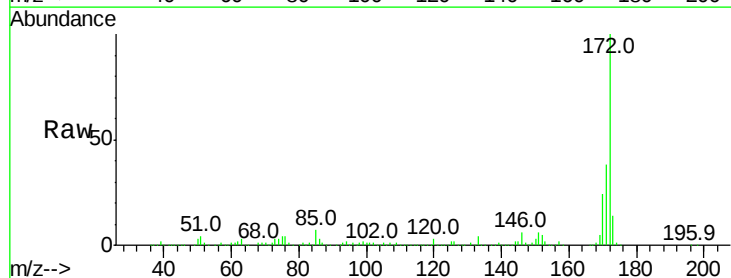
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 54.929 ng
 RT: 13.41 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG029352.D
 Acq: 19 Oct 2017 4:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	23.9	19.5	29.3

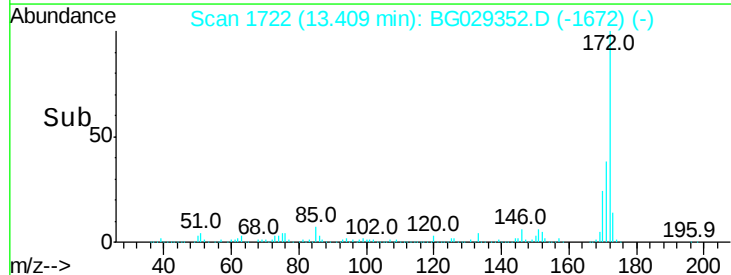
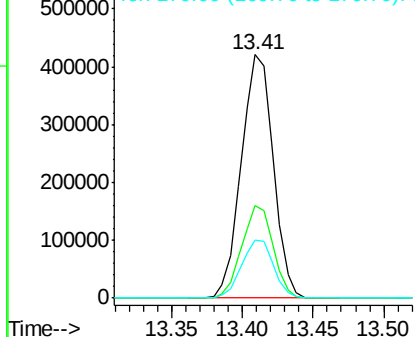


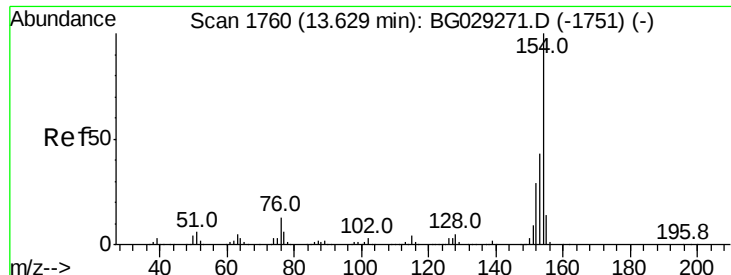
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 22.301 ng

RT: 13.62 min Scan# 1758

Delta R.T. -0.01 min

Lab File: BG029352.D

Acq: 19 Oct 2017 4:28

Instrument :

BNA_G

ClientSampleId :

PB103395BS

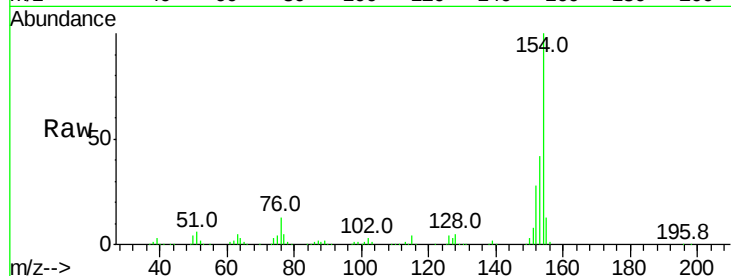
Tot Ion:154 Resp: 341549

Ion Ratio Lower Upper

154 100

153 41.8 19.8 59.8

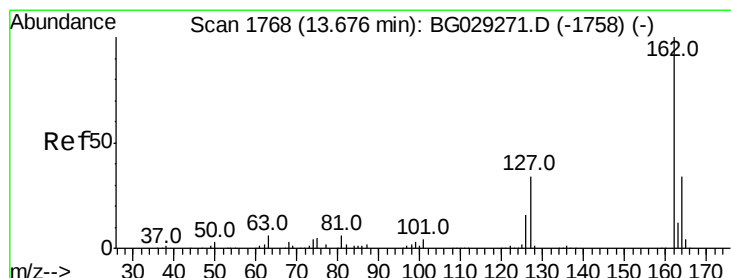
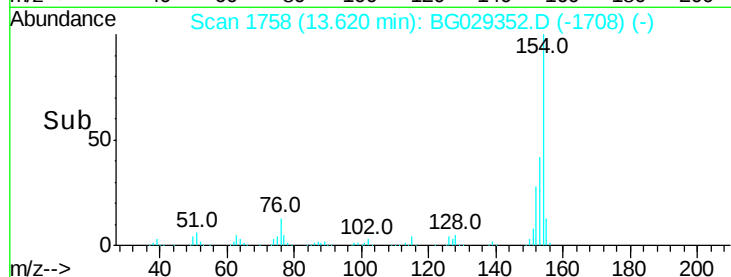
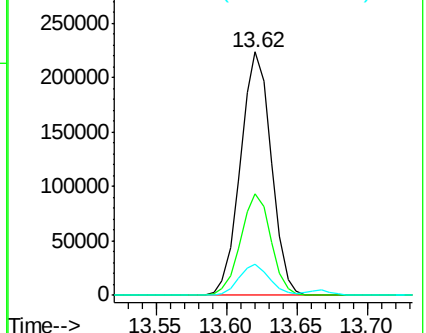
76 13.0 0.0 31.9



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: 23.375 ng

RT: 13.67 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BG029352.D

Acq: 19 Oct 2017 4:28

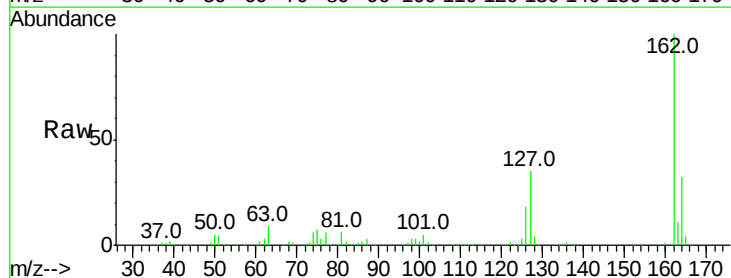
Tgt Ion:162 Resp: 261120

Ion Ratio Lower Upper

162 100

127 35.2 30.7 46.1

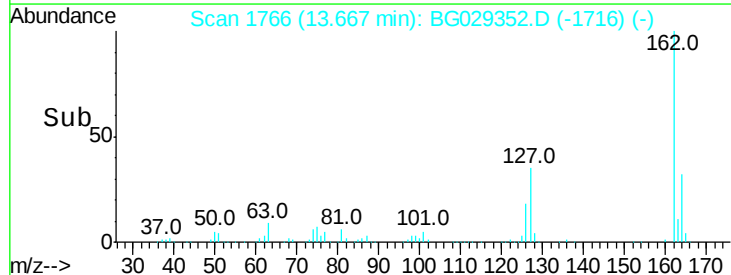
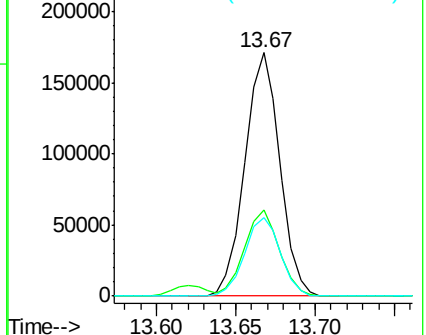
164 32.0 26.0 39.0

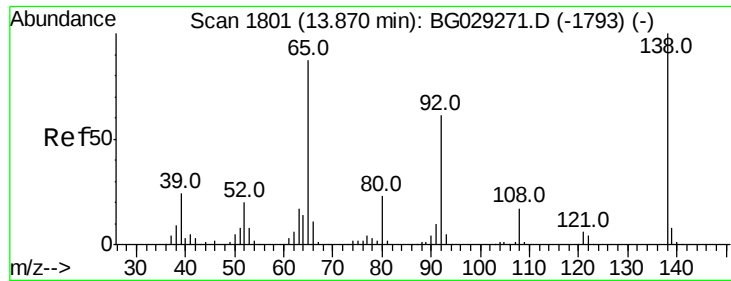


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 27.595 ng

RT: 13.86 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BG029352.D

Acq: 19 Oct 2017 4:28

Instrument :

BNA_G

ClientSampleId :

PB103395BS

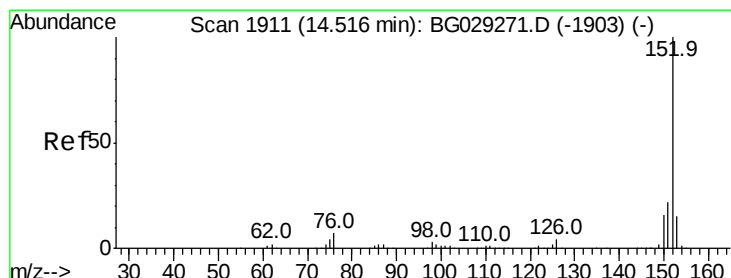
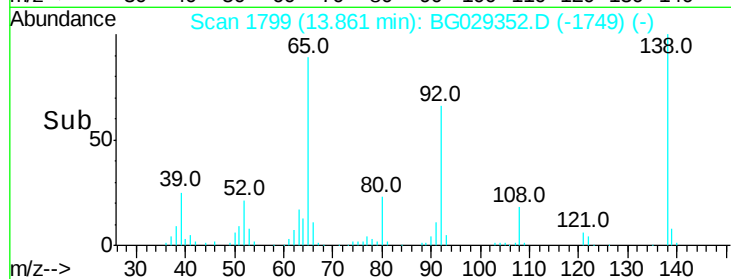
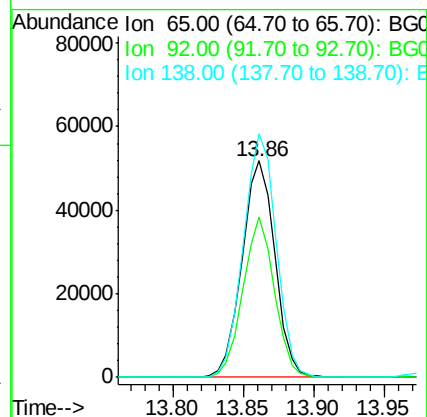
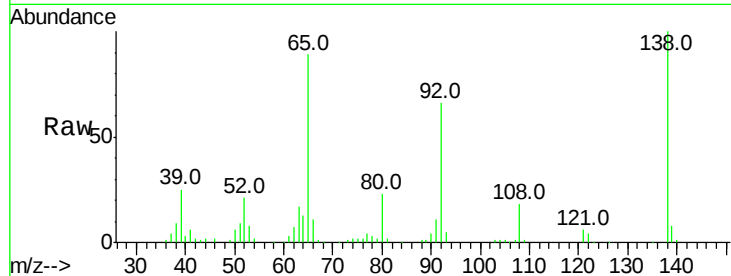
Tot Ion: 65 Resp: 84673

Ion Ratio Lower Upper

65 100

92 74.0 54.6 82.0

138 112.5 72.9 109.3#



#48

Acenaphthylene

Concen: 24.380 ng

RT: 14.51 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BG029352.D

Acq: 19 Oct 2017 4:28

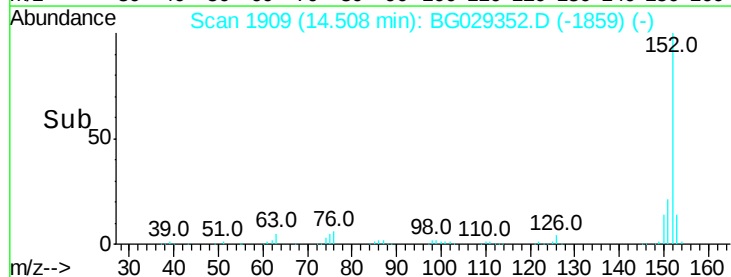
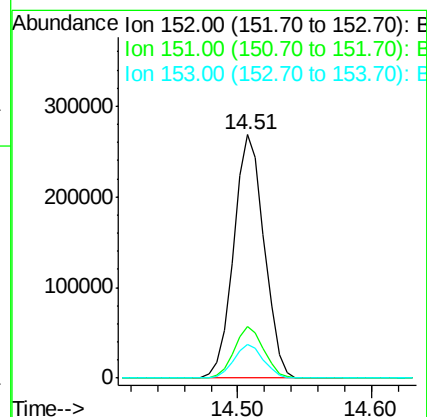
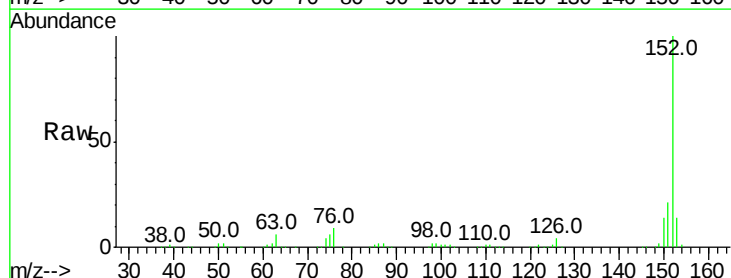
Tgt Ion: 152 Resp: 426244

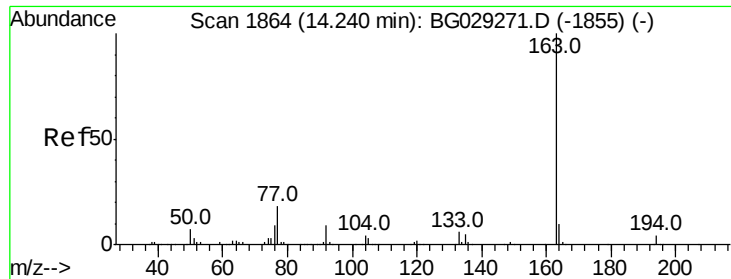
Ion Ratio Lower Upper

152 100

151 21.2 17.2 25.8

153 13.6 10.2 15.4





#49

Dimethylphthalate

Concen: 26.483 ng

RT: 14.23 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BG029352.D

Acq: 19 Oct 2017 4:28

Instrument :

BNA_G

ClientSampleId :

PB103395BS

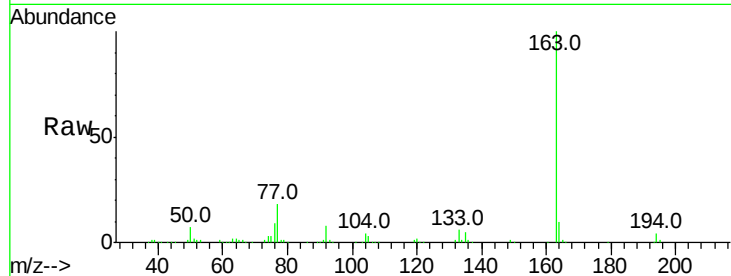
Tot Ion:163 Resp: 368161

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

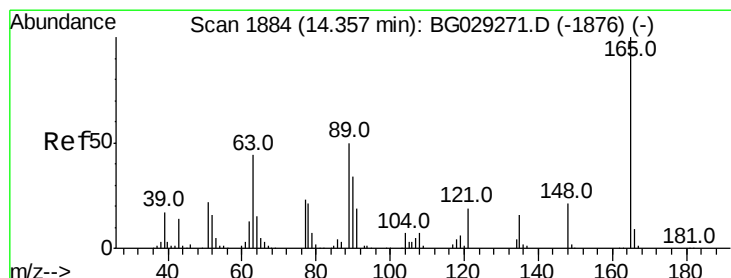
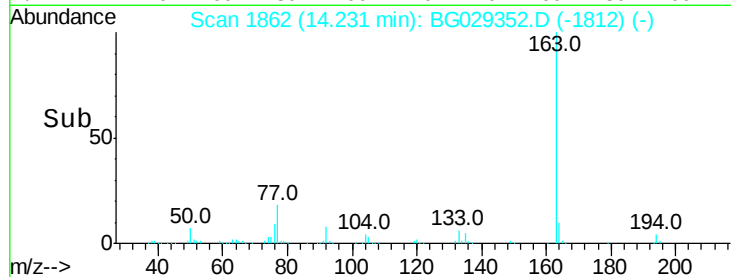
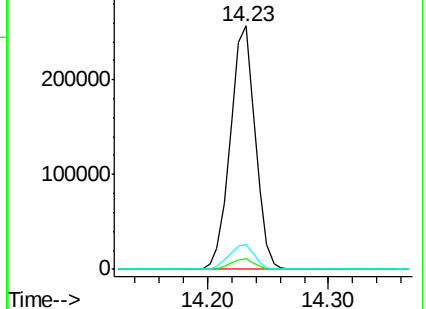
164 10.0 8.2 12.4



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: 27.342 ng

RT: 14.35 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BG029352.D

Acq: 19 Oct 2017 4:28

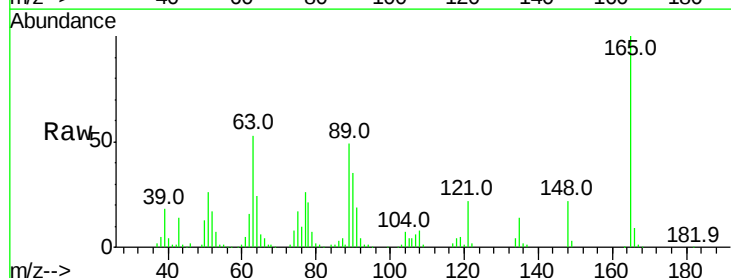
Tgt Ion:165 Resp: 79683

Ion Ratio Lower Upper

165 100

63 52.7 52.7 79.1

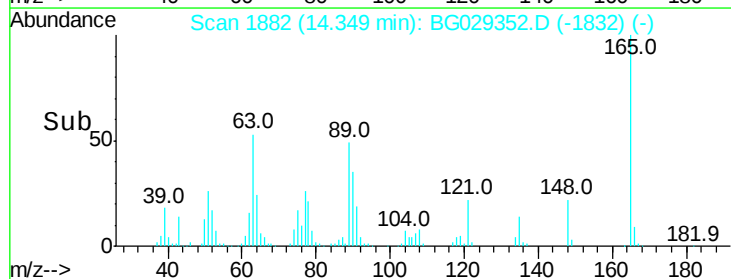
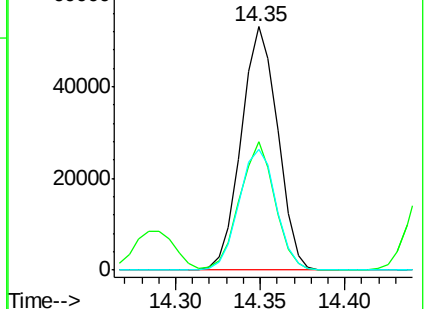
89 49.4 49.2 73.8

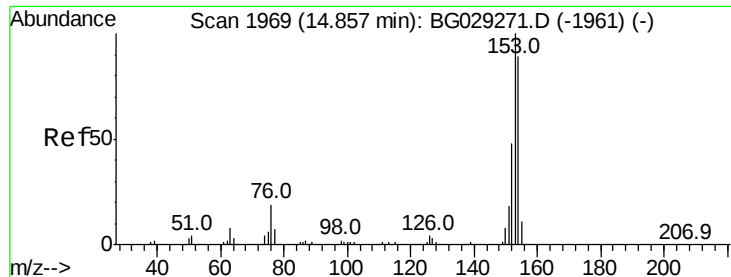


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 23.758 ng

RT: 14.85 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG029352.D

Acq: 19 Oct 2017 4:28

Instrument :

BNA_G

ClientSampleId :

PB103395BS

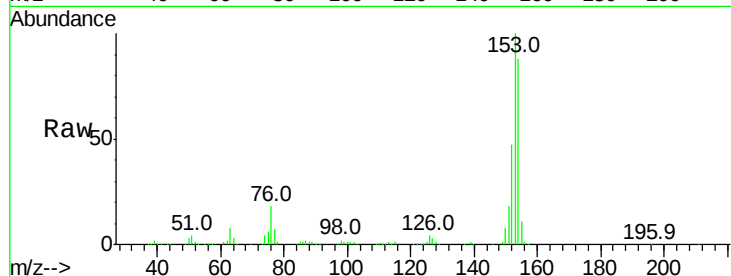
Tot Ion:154 Resp: 270250

Ion Ratio Lower Upper

154 100

153 113.6 90.4 135.6

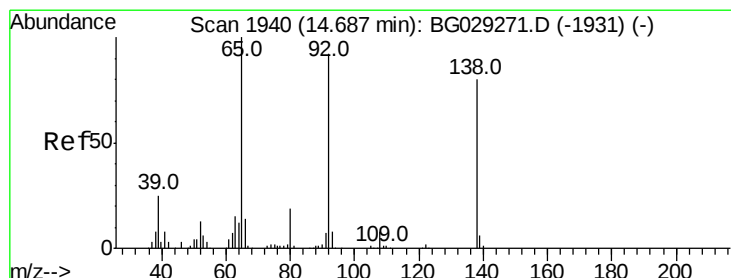
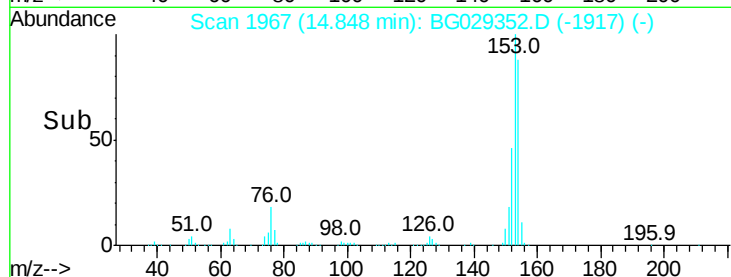
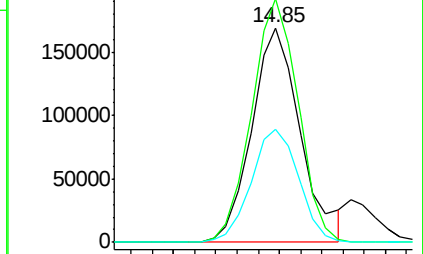
152 52.9 41.6 62.4



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: 15.142 ng

RT: 14.68 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG029352.D

Acq: 19 Oct 2017 4:28

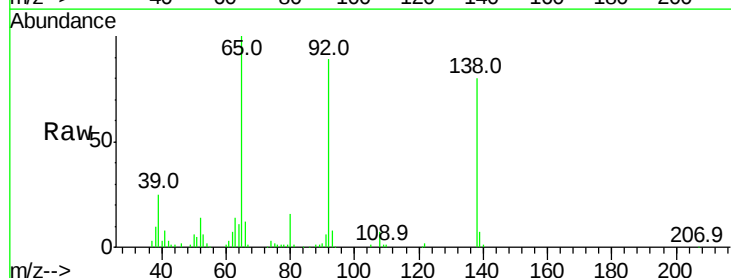
Tgt Ion:138 Resp: 47619

Ion Ratio Lower Upper

138 100

108 9.2 17.5 26.3#

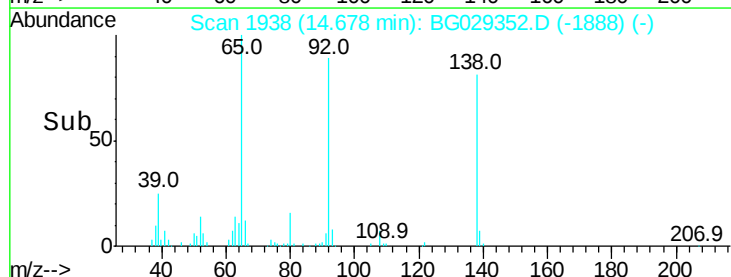
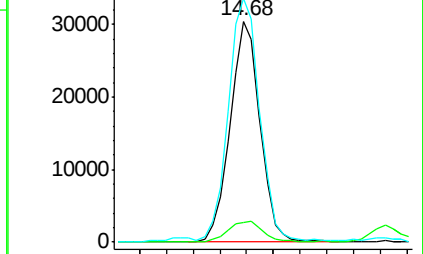
92 110.2 105.8 158.8

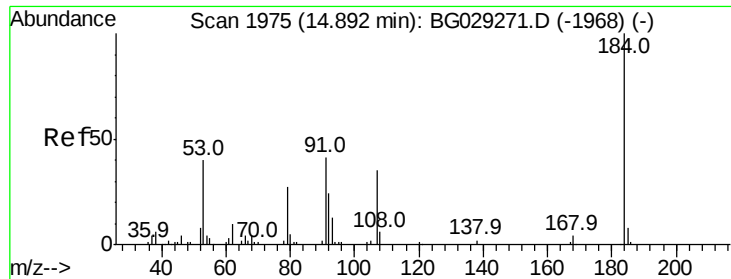


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

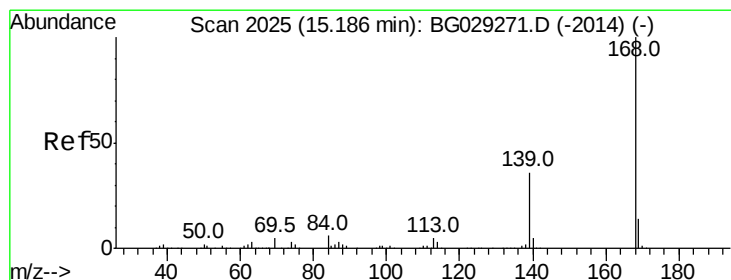
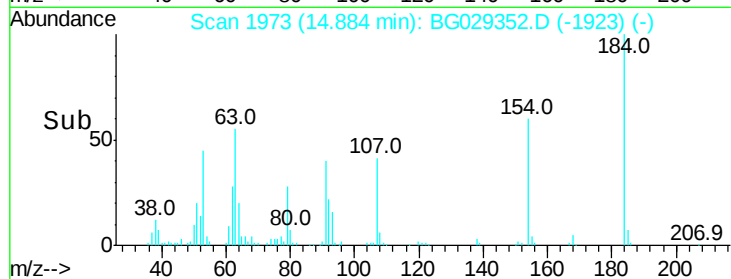
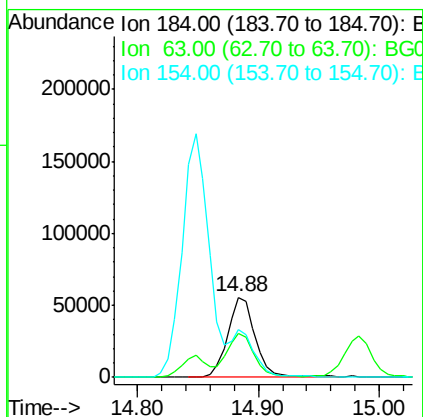
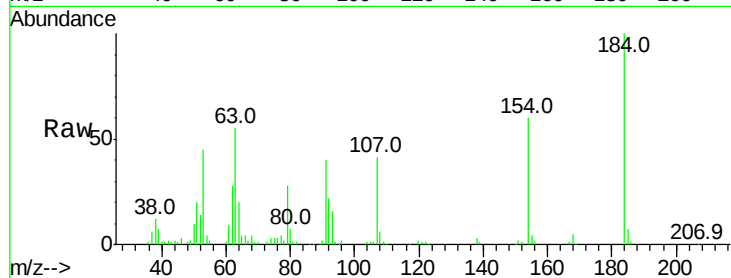




#53
 2,4-Dinitrophenol
 Concen: 57.678 ng
 RT: 14.88 min Scan# 1973
 Delta R.T. -0.01 min
 Lab File: BG029352.D
 Acq: 19 Oct 2017 4:28

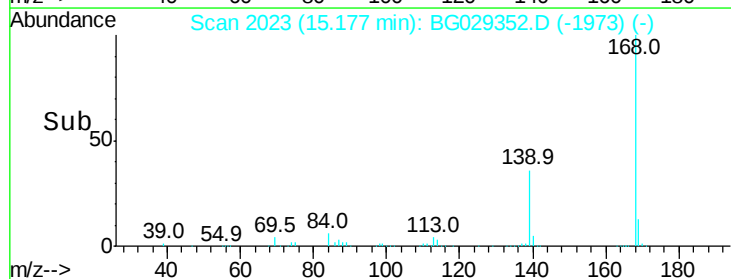
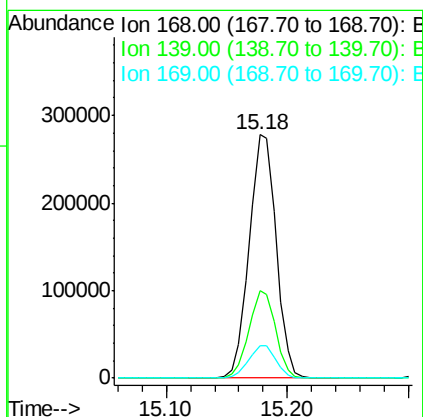
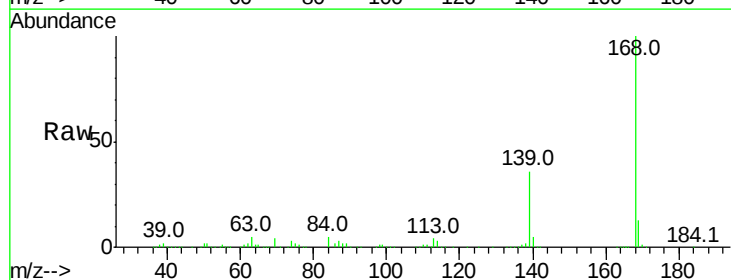
Instrument :
 BNA_G
 ClientSampleId :
 PB103395BS

Tot Ion:184 Resp: 89324
 Ion Ratio Lower Upper
 184 100
 63 55.4 59.8 89.8#
 154 59.8 101.8 152.8#



#54
 Dibenzofuran
 Concen: 26.718 ng
 RT: 15.18 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BG029352.D
 Acq: 19 Oct 2017 4:28

Tgt Ion:168 Resp: 433866
 Ion Ratio Lower Upper
 168 100
 139 36.1 28.6 43.0
 169 13.4 11.2 16.8





#55

4-Nitrophenol

Concen: 62.461 ng

RT: 14.98 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BG029352.D

Acq: 19 Oct 2017 4:28

Instrument :

BNA_G

ClientSampleId :

PB103395BS

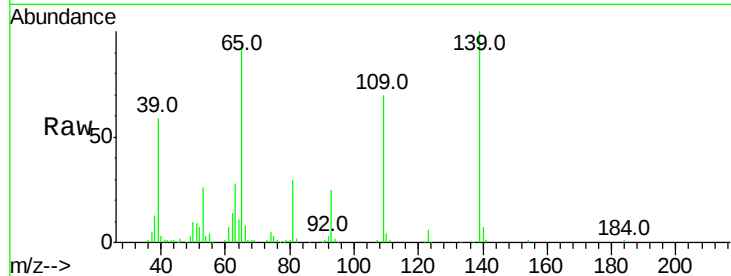
Tot Ion:139 Resp: 161937

Ion Ratio Lower Upper

139 100

109 69.8 62.2 102.2

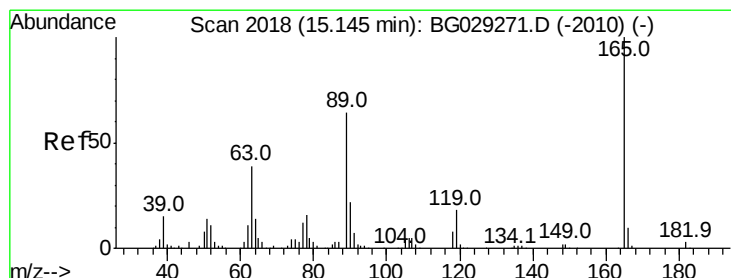
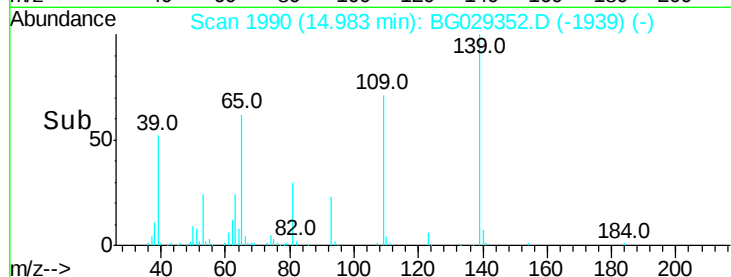
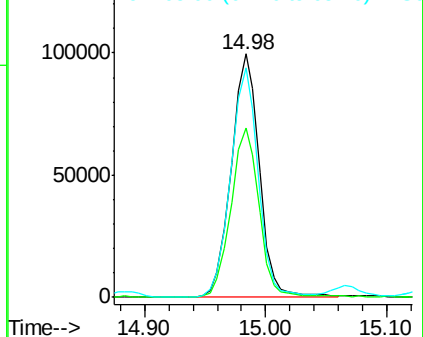
65 94.3 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 29.493 ng

RT: 15.14 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BG029352.D

Acq: 19 Oct 2017 4:28

Tgt Ion:165 Resp: 116353

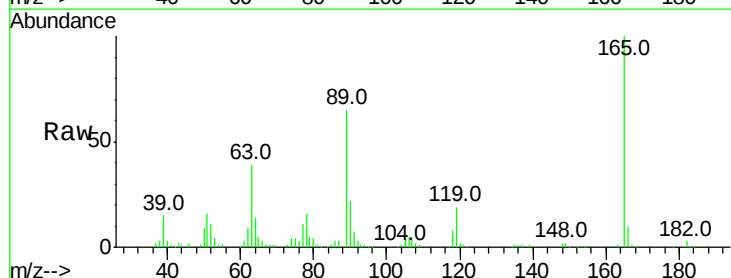
Ion Ratio Lower Upper

165 100

63 39.3 42.0 63.0#

89 65.4 66.9 100.3#

182 2.8 2.6 3.8

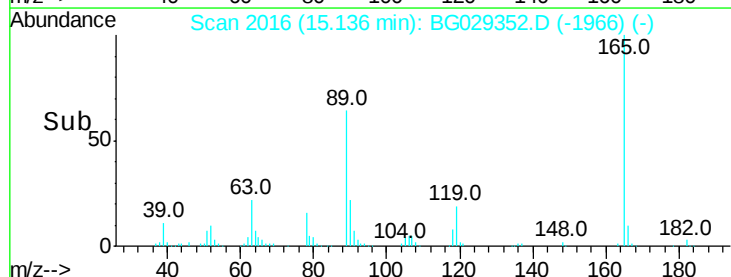
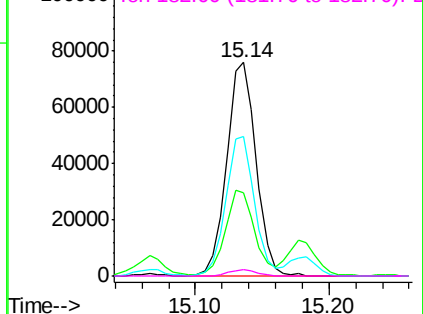


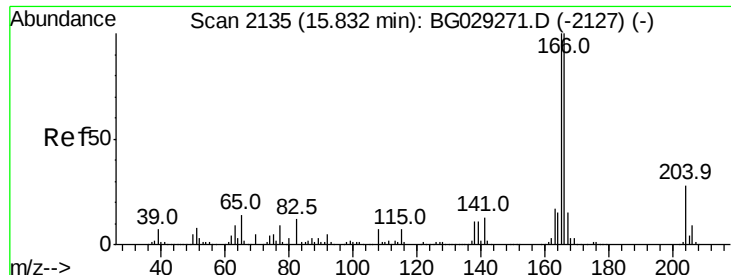
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

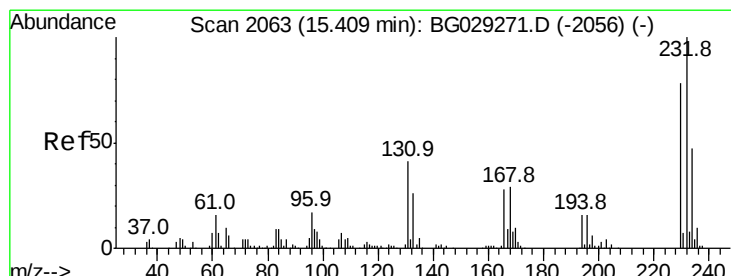
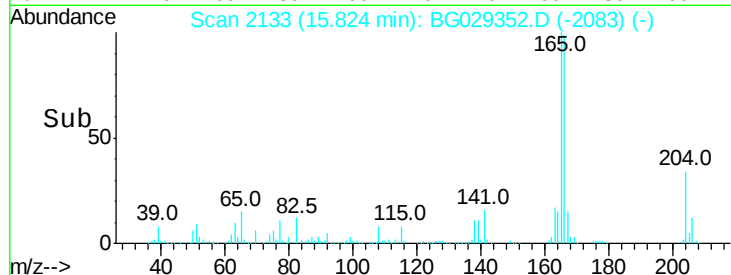
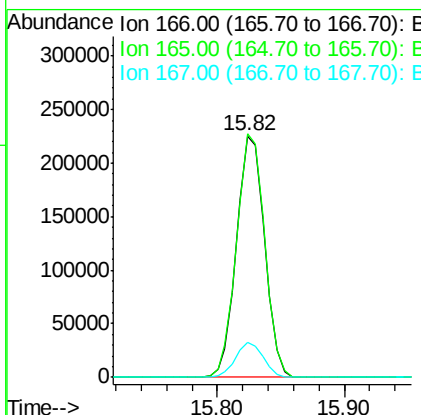
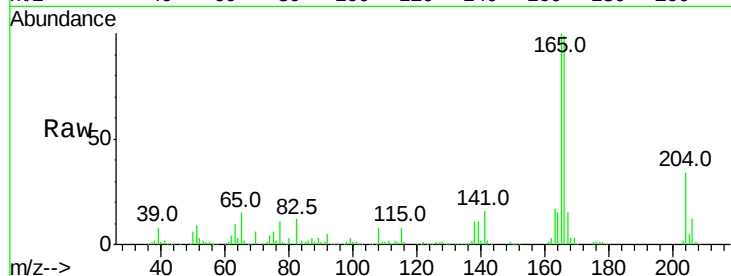




#57
Fluorene
 Concen: 25.721 ng
 RT: 15.82 min Scan# 2133
 Delta R.T. -0.01 min
 Lab File: BG029352.D
 Acq: 19 Oct 2017 4:28

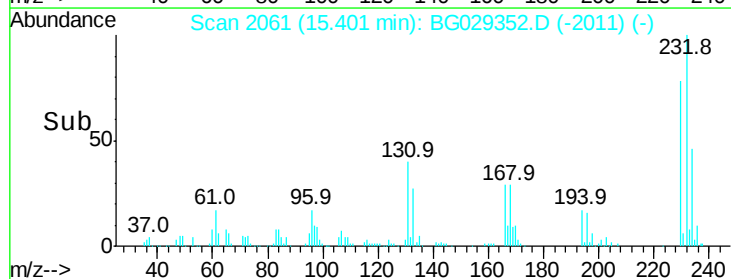
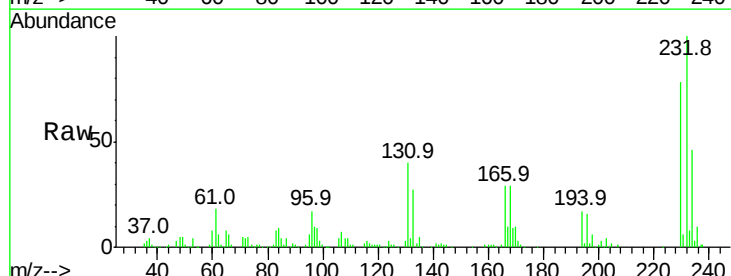
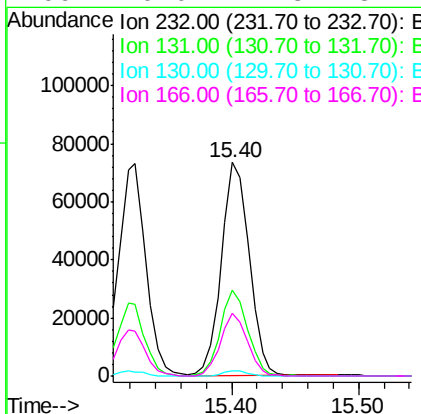
Instrument :
 BNA_G
 ClientSampleId :
 PB103395BS

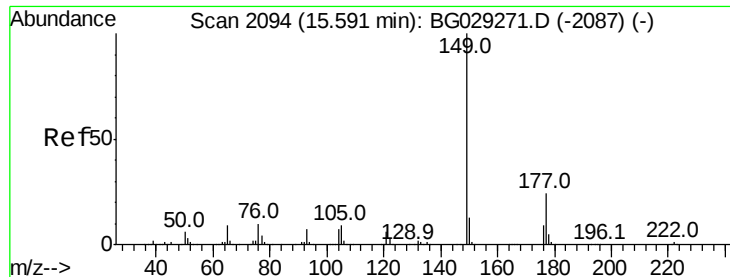
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.9	80.6	121.0
167	14.8	10.4	15.6



#58
2,3,4,6-Tetrachlorophenol
 Concen: 31.887 ng
 RT: 15.40 min Scan# 2061
 Delta R.T. -0.01 min
 Lab File: BG029352.D
 Acq: 19 Oct 2017 4:28

Tgt Ion	Ratio	Lower	Upper
232	100		
131	39.9	33.5	50.3
130	2.2	2.2	3.2
166	29.0	24.8	37.2

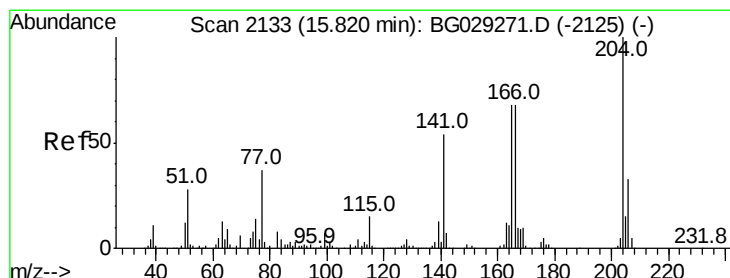
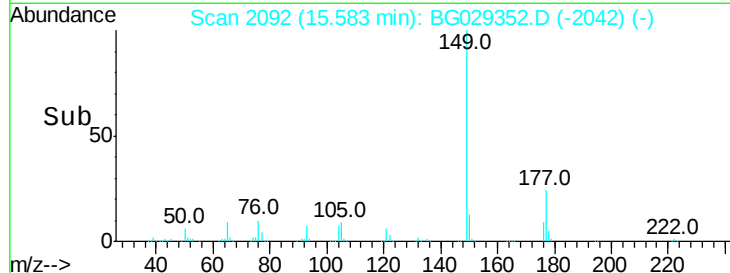
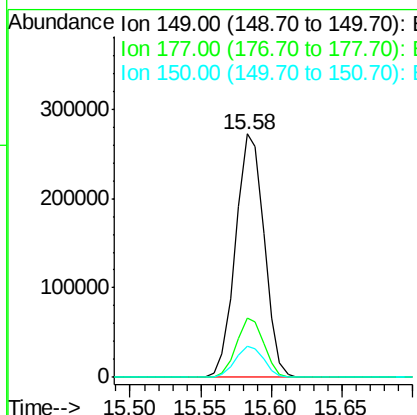
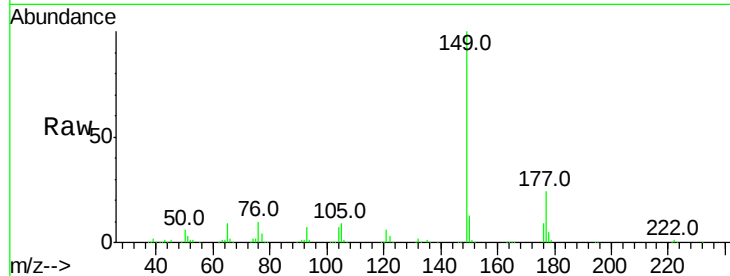




#59
 Diethylphthalate
 Concen: 27.717 ng
 RT: 15.58 min Scan# 2092
 Delta R.T. -0.01 min
 Lab File: BG029352.D
 Acq: 19 Oct 2017 4:28

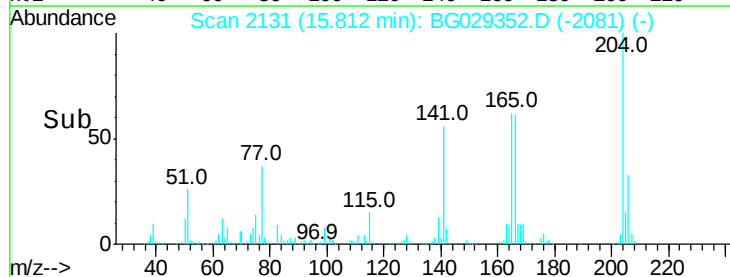
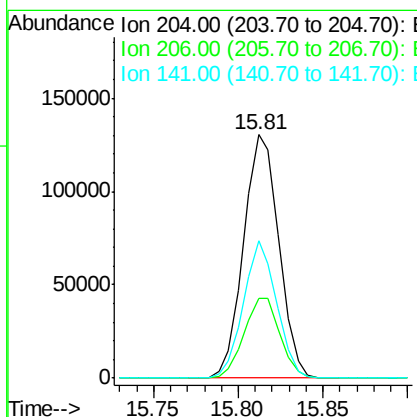
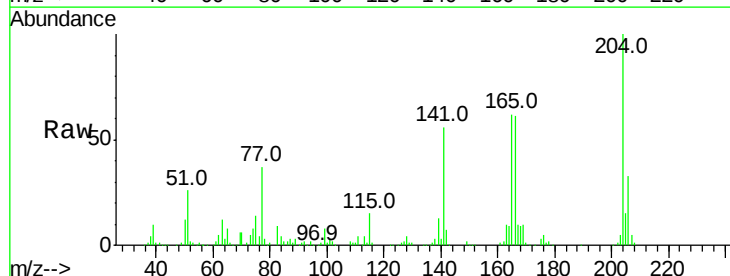
Instrument :
 BNA_G
 ClientSampleId :
 PB103395BS

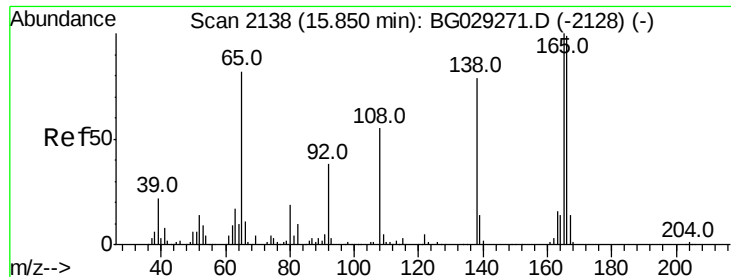
Tot Ion:	149	Resp:	384008
Ion	Ratio	Lower	Upper
149	100		
177	24.3	18.5	27.7
150	12.9	10.2	15.2



#60
 4-Chlorophenyl-phenylether
 Concen: 26.429 ng
 RT: 15.81 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BG029352.D
 Acq: 19 Oct 2017 4:28

Tgt Ion:	204	Resp:	189033
Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.2	39.2
141	56.3	45.8	68.6

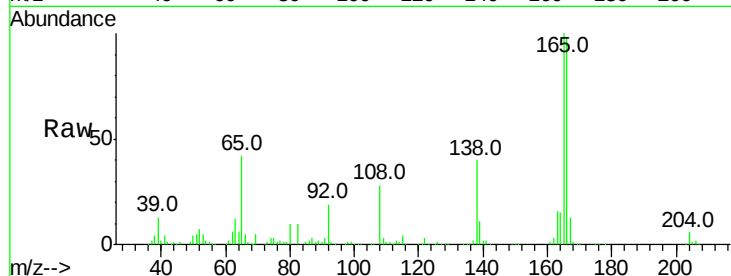




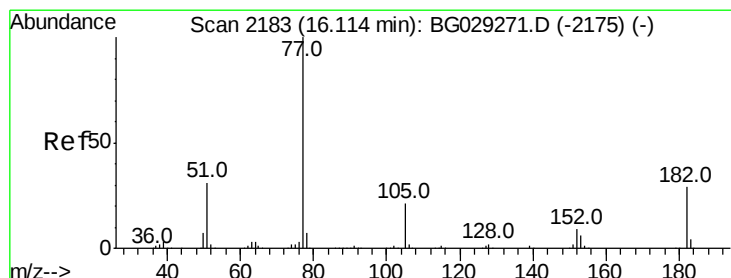
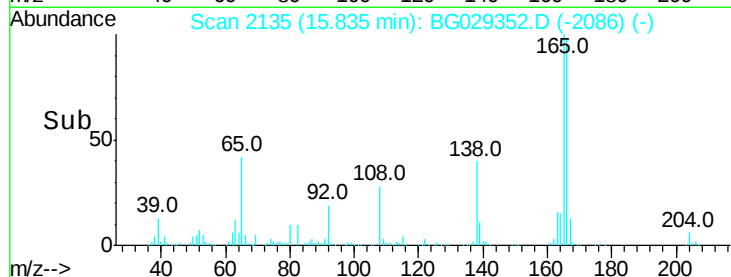
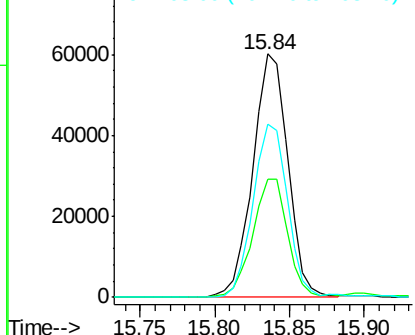
#61
4-Nitroaniline
Concen: 30.232 ng
RT: 15.84 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BG029352.D
Acq: 19 Oct 2017 4:28

Instrument :
BNA_G
ClientSampleId :
PB103395BS

Tot Ion:138 Resp: 97624
Ion Ratio Lower Upper
138 100
92 48.3 40.1 80.1
108 71.2 65.4 105.4

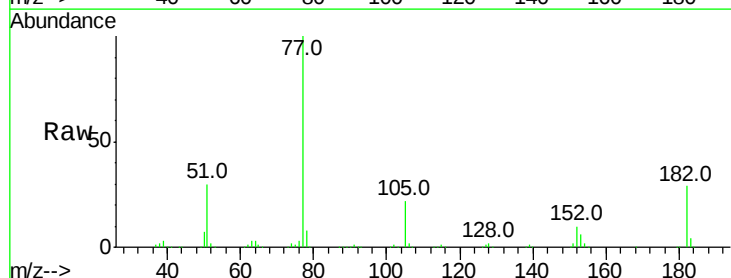


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

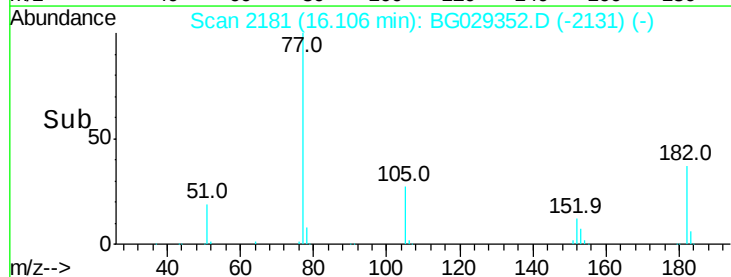
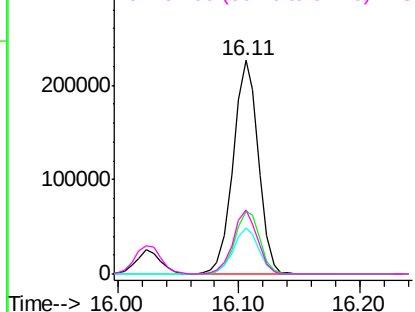


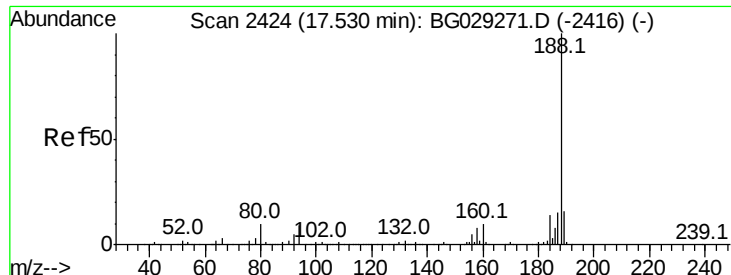
#62
Azobenzene
Concen: 28.095 ng
RT: 16.11 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BG029352.D
Acq: 19 Oct 2017 4:28

Tgt Ion: 77 Resp: 328241
Ion Ratio Lower Upper
77 100
182 29.2 7.4 47.4
105 21.6 0.3 40.3
51 30.0 11.6 51.6



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

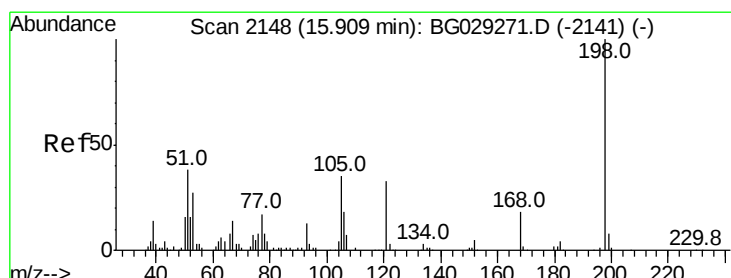
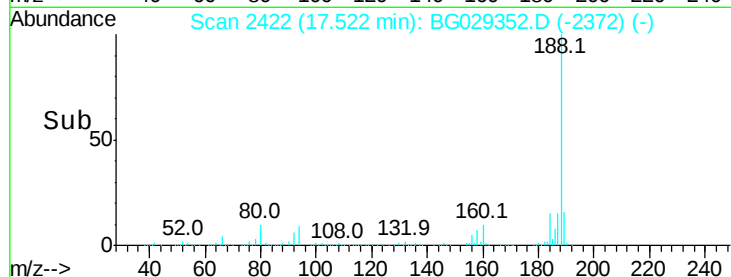
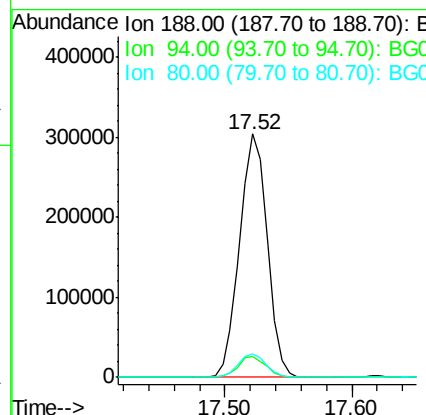
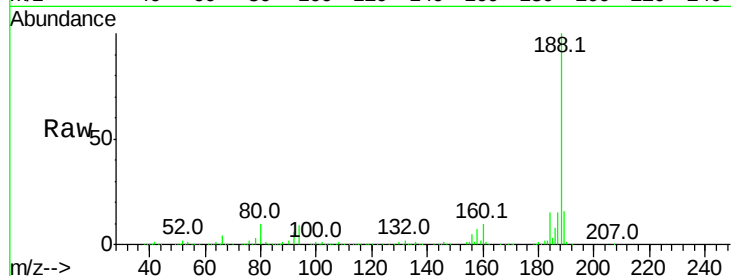




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG029352.D
Acq: 19 Oct 2017 4:28

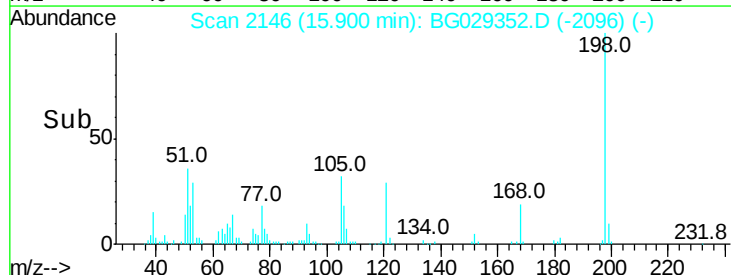
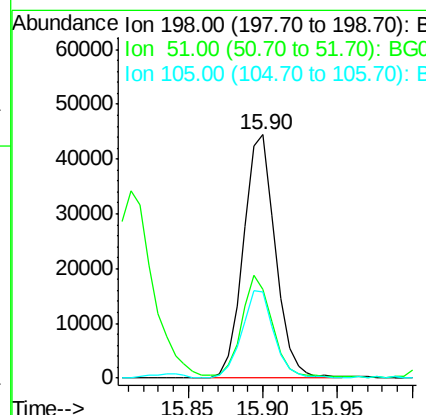
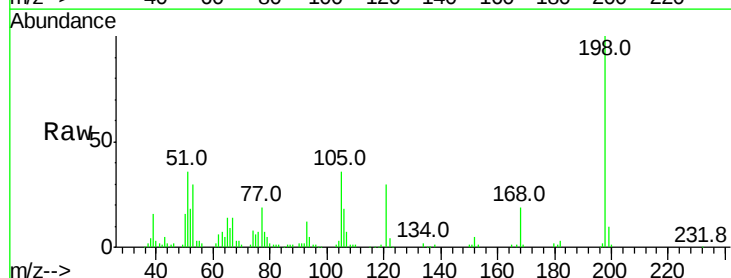
Instrument :
BNA_G
ClientSampleId :
PB103395BS

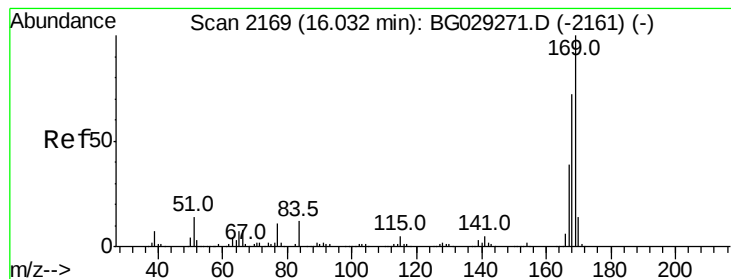
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.9	10.3
80	9.7	7.7	11.5



#64
4,6-Dinitro-2-methylphenol
Concen: 27.573 ng
RT: 15.90 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG029352.D
Acq: 19 Oct 2017 4:28

Tgt Ion	Ratio	Lower	Upper
198	100		
51	36.4	30.6	70.6
105	35.5	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 23.905 ng

RT: 16.02 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BG029352.D

Acq: 19 Oct 2017 4:28

Instrument :

BNA_G

ClientSampleId :

PB103395BS

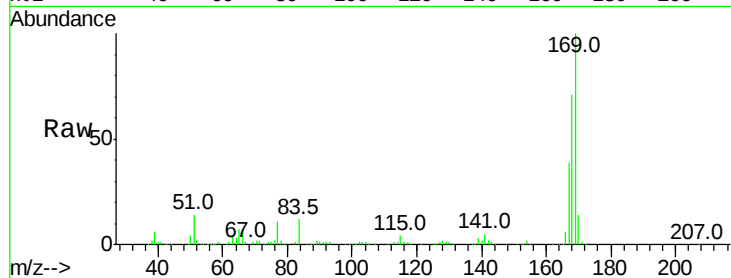
Tot Ion:169 Resp: 328886

Ion Ratio Lower Upper

169 100

168 70.7 55.7 83.5

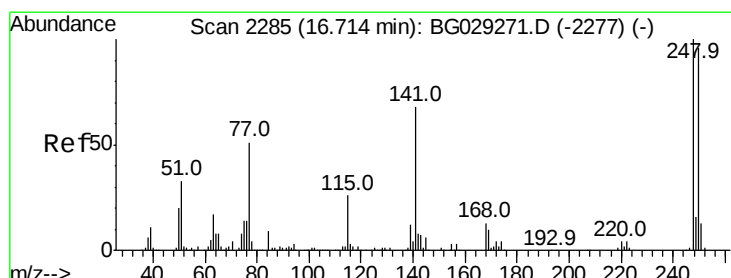
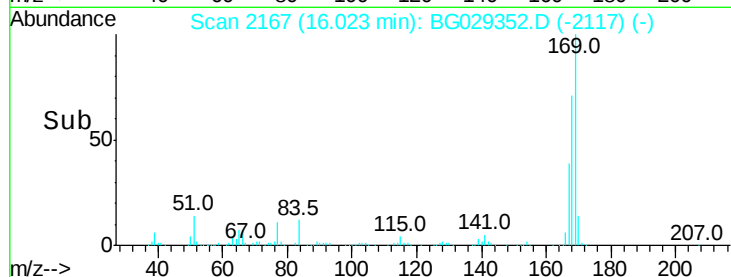
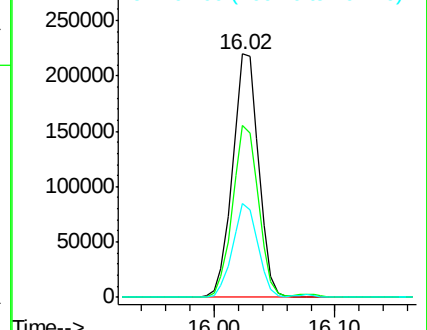
167 38.5 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 24.093 ng

RT: 16.70 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BG029352.D

Acq: 19 Oct 2017 4:28

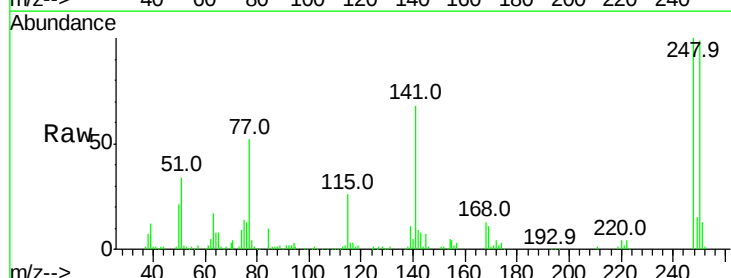
Tgt Ion:248 Resp: 126973

Ion Ratio Lower Upper

248 100

250 99.4 77.1 115.7

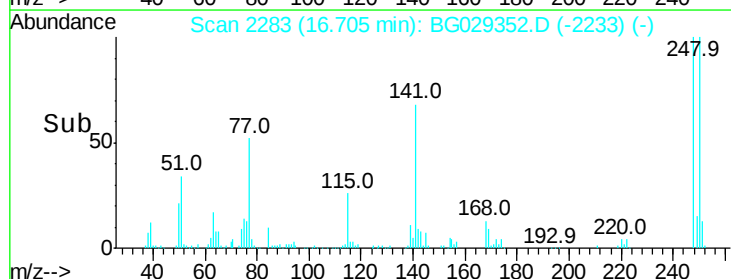
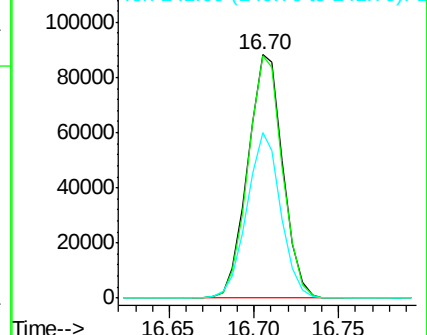
141 68.1 50.8 76.2



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 22.580 ng

RT: 16.83 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BG029352.D

Acq: 19 Oct 2017 4:28

Instrument :

BNA_G

ClientSampleId :

PB103395BS

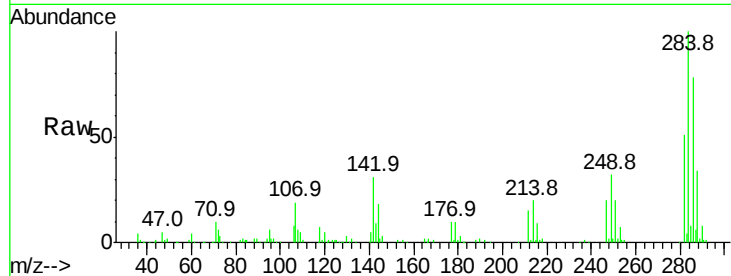
Tot Ion:284 Resp: 134798

Ion Ratio Lower Upper

284 100

142 31.5 26.8 40.2

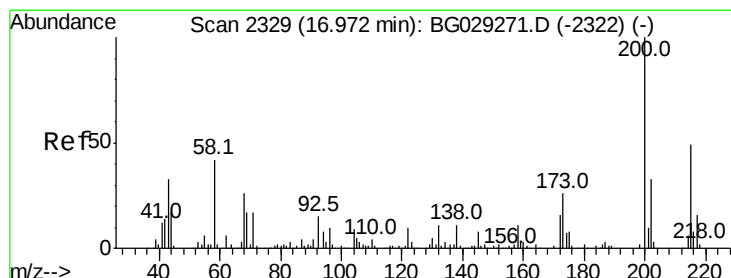
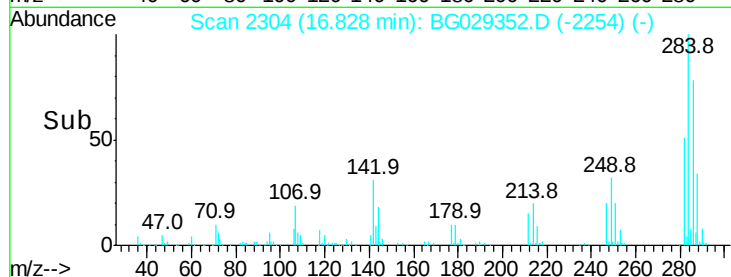
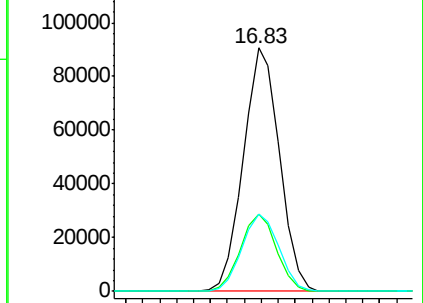
249 31.7 26.3 39.5



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: 28.233 ng

RT: 16.96 min Scan# 2327

Delta R.T. -0.01 min

Lab File: BG029352.D

Acq: 19 Oct 2017 4:28

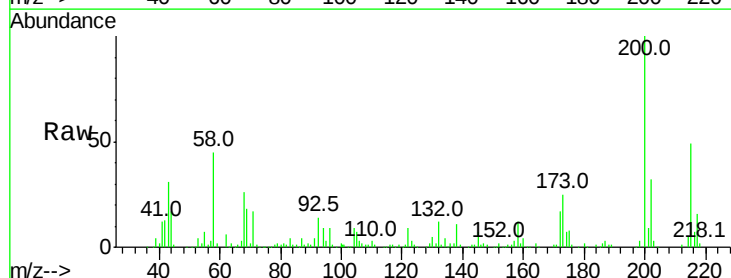
Tgt Ion:200 Resp: 138601

Ion Ratio Lower Upper

200 100

173 24.8 5.2 45.2

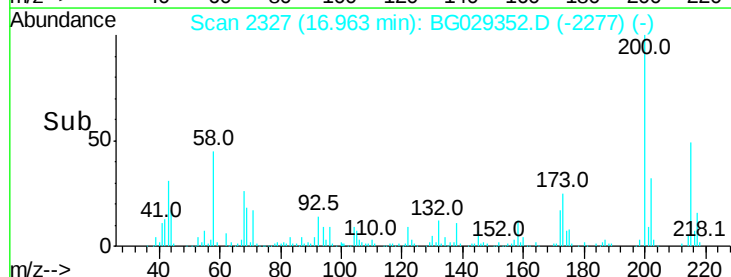
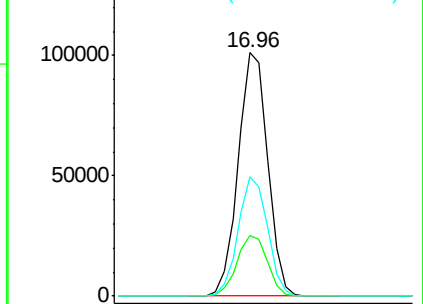
215 49.0 30.4 70.4

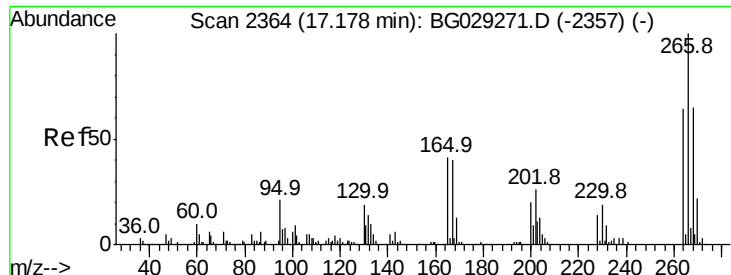


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 54.098 ng

RT: 17.17 min Scan# 2362

Delta R.T. -0.01 min

Lab File: BG029352.D

Acq: 19 Oct 2017 4:28

Instrument :

BNA_G

ClientSampleId :

PB103395BS

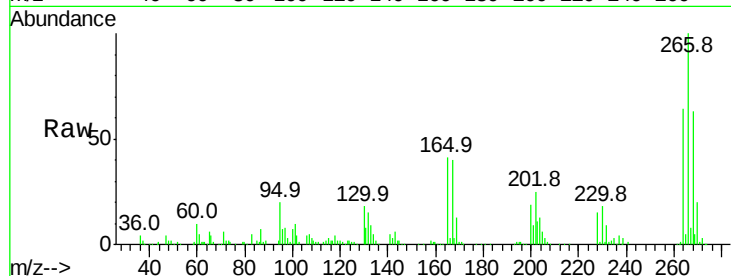
Tot Ion:266 Resp: 185519

Ion Ratio Lower Upper

266 100

268 62.9 51.1 76.7

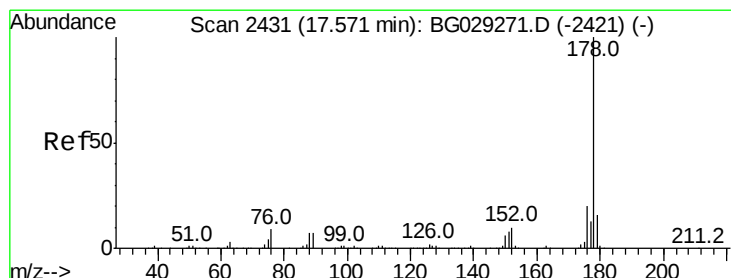
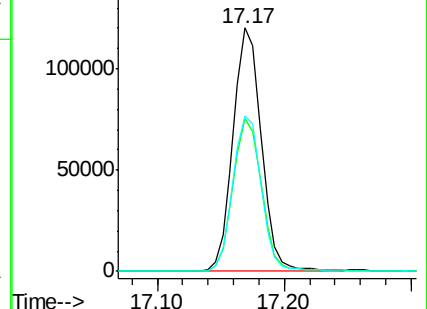
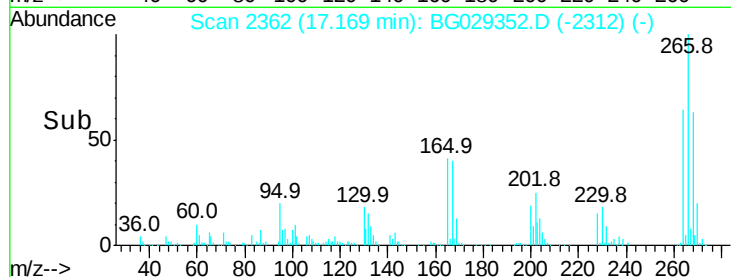
264 63.6 49.6 74.4



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: 25.696 ng

RT: 17.56 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BG029352.D

Acq: 19 Oct 2017 4:28

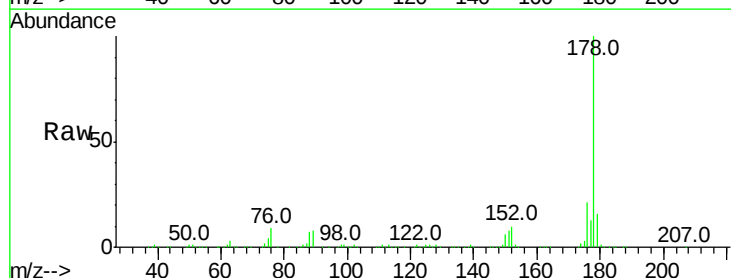
Tgt Ion:178 Resp: 609682

Ion Ratio Lower Upper

178 100

176 20.9 15.7 23.5

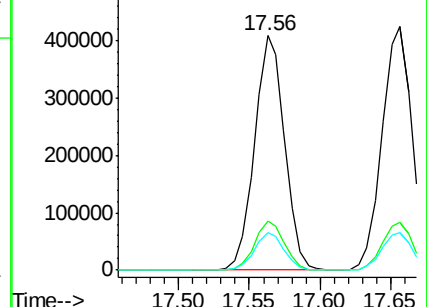
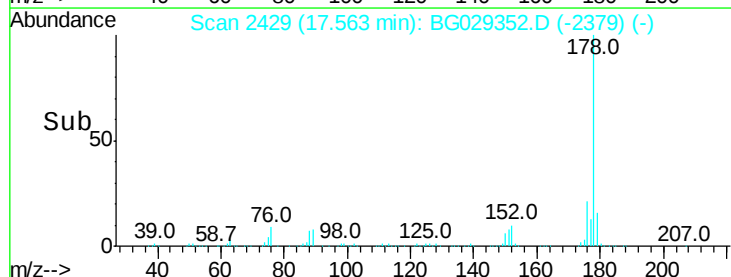
179 15.9 12.5 18.7

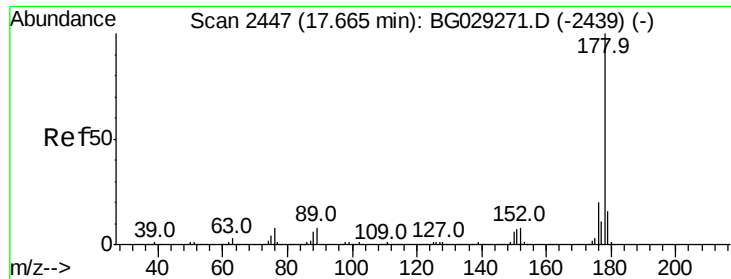


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

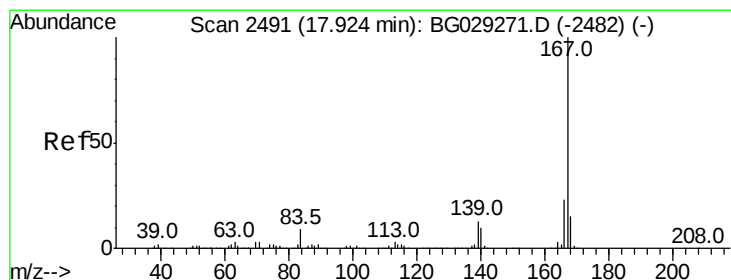
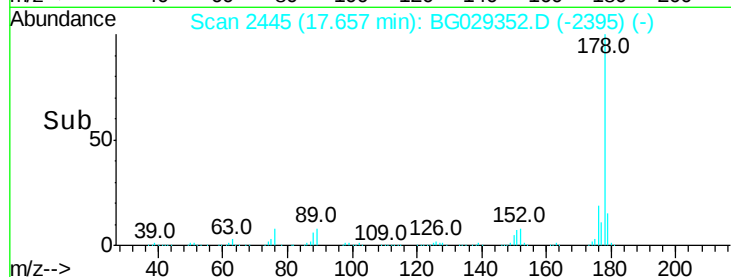
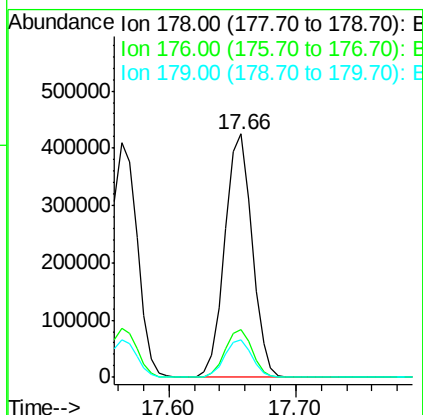
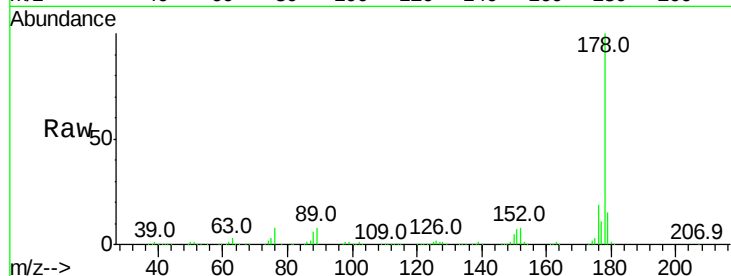




#71
 Anthracene
 Concen: 26.528 ng
 RT: 17.66 min Scan# 2445
 Delta R.T. -0.01 min
 Lab File: BG029352.D
 Acq: 19 Oct 2017 4:28

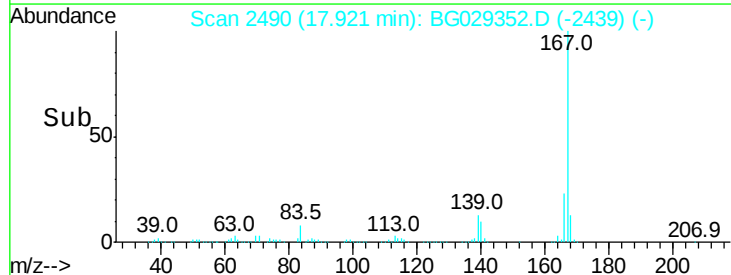
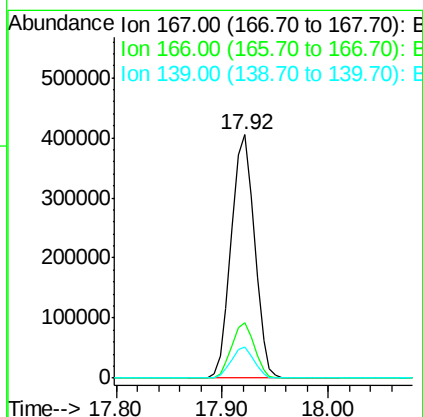
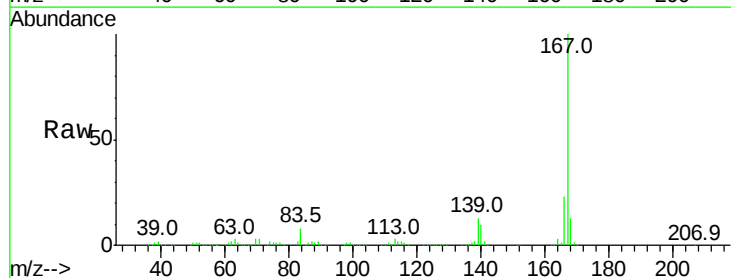
Instrument :
 BNA_G
 ClientSampleId :
 PB103395BS

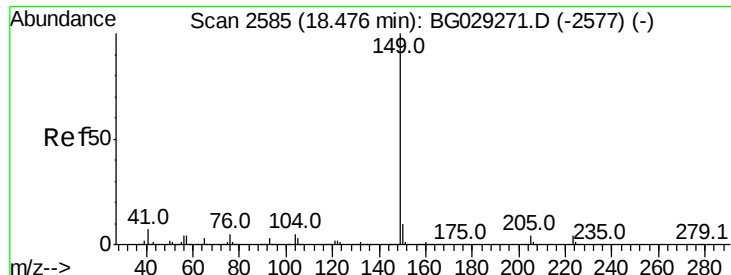
Tot Ion:178 Resp: 632037
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.0 24.0
 179 15.3 12.5 18.7



#72
 Carbazole
 Concen: 26.947 ng
 RT: 17.92 min Scan# 2490
 Delta R.T. -0.00 min
 Lab File: BG029352.D
 Acq: 19 Oct 2017 4:28

Tgt Ion:167 Resp: 616734
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.2 27.4
 139 12.7 9.4 14.2

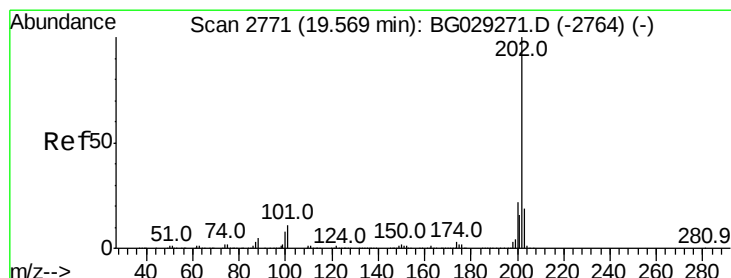
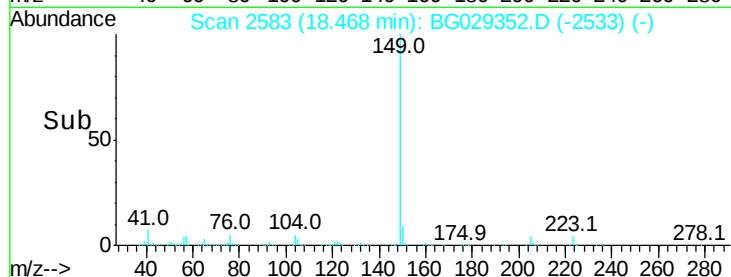
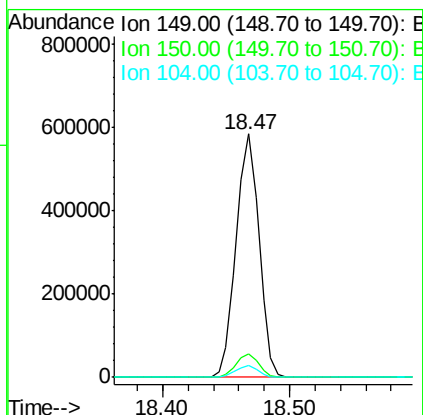
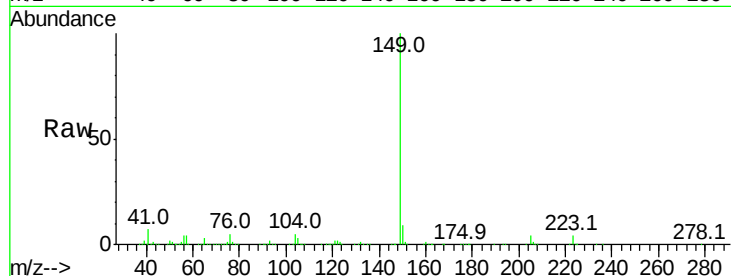




#73
Di-n-butylphthalate
Concen: 27.602 ng
RT: 18.47 min Scan# 2583
Delta R.T. -0.01 min
Lab File: BG029352.D
Acq: 19 Oct 2017 4:28

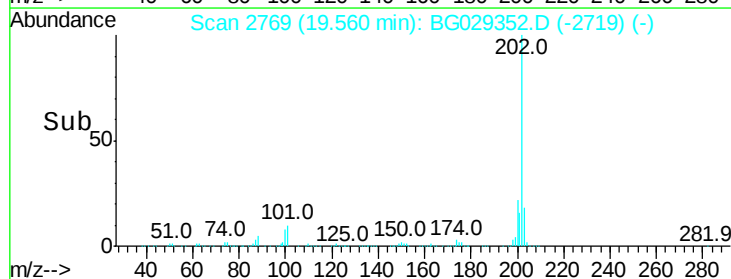
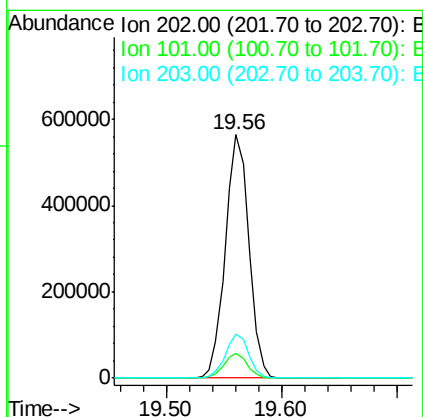
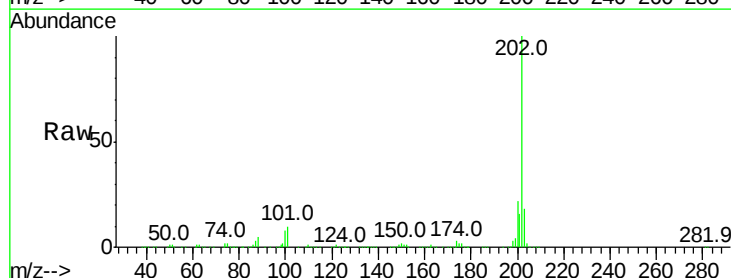
Instrument :
BNA_G
ClientSampleId :
PB103395BS

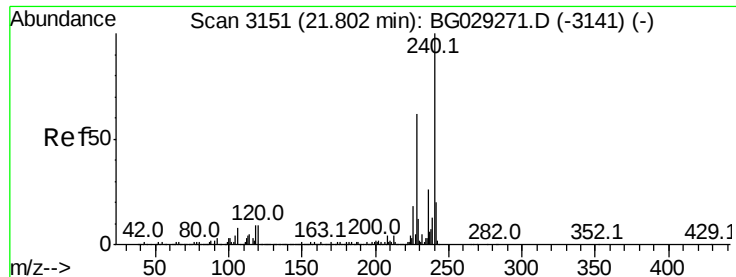
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	4.8	3.9	5.9



#74
Fluoranthene
Concen: 28.636 ng
RT: 19.56 min Scan# 2769
Delta R.T. -0.01 min
Lab File: BG029352.D
Acq: 19 Oct 2017 4:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	28.9
203	18.3	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG029352.D

Acq: 19 Oct 2017 4:28

Instrument :

BNA_G

ClientSampleId :

PB103395BS

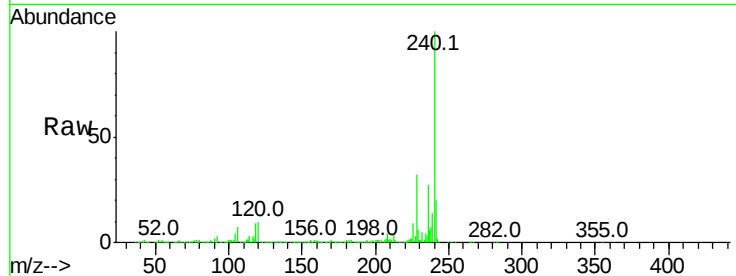
Tot Ion:240 Resp: 526657

Ion Ratio Lower Upper

240 100

120 9.6 6.8 10.2

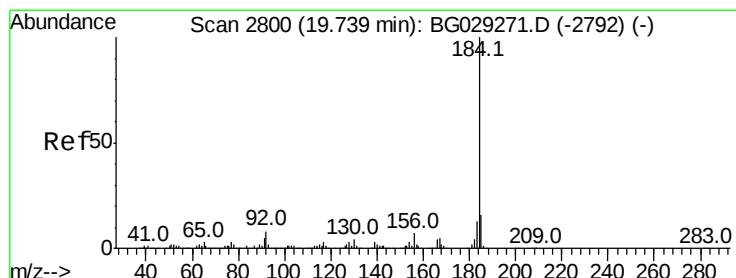
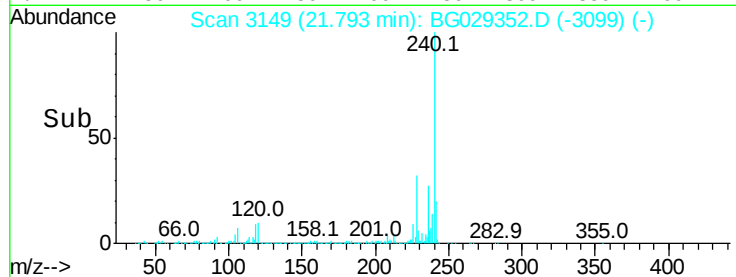
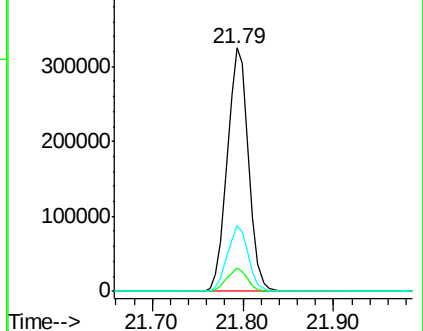
236 27.2 20.9 31.3



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: 15.495 ng

RT: 19.73 min Scan# 2798

Delta R.T. -0.01 min

Lab File: BG029352.D

Acq: 19 Oct 2017 4:28

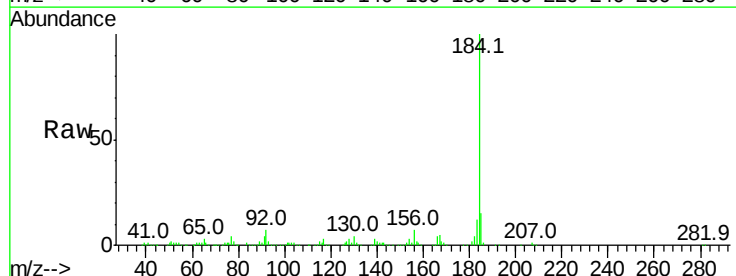
Tgt Ion:184 Resp: 246398

Ion Ratio Lower Upper

184 100

185 14.9 11.1 16.7

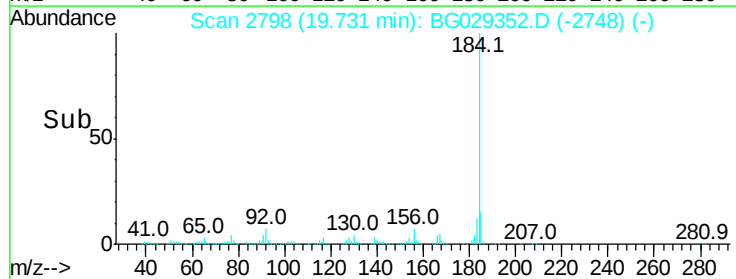
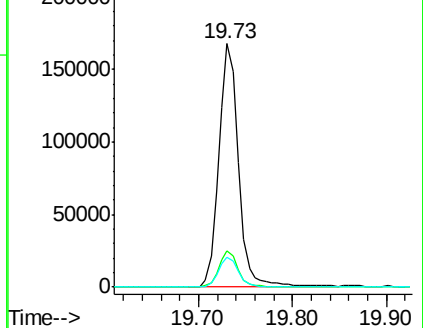
183 12.2 10.6 16.0

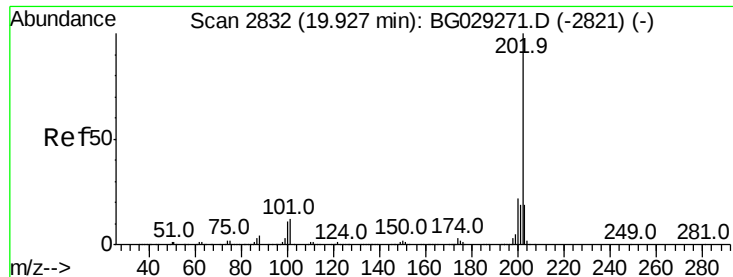


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

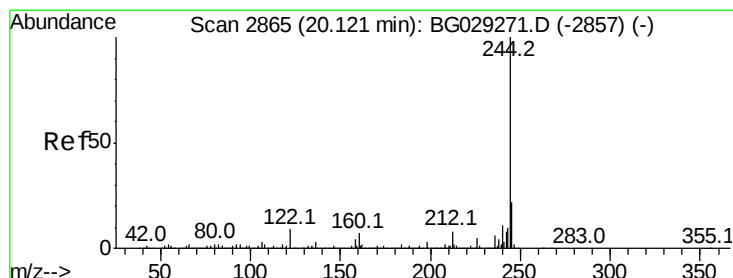
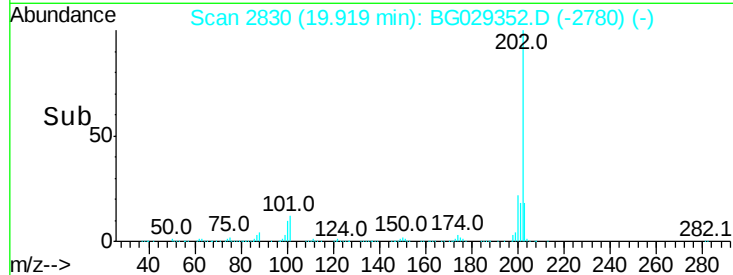
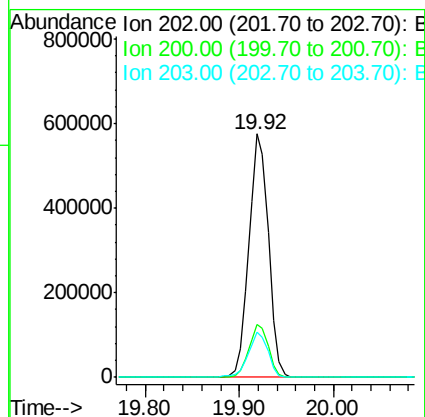
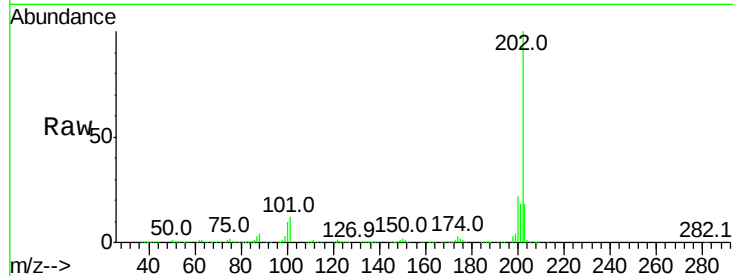




#77
Pvrene
Concen: 25.880 ng
RT: 19.92 min Scan# 2830
Delta R.T. -0.01 min
Lab File: BG029352.D
Acq: 19 Oct 2017 4:28

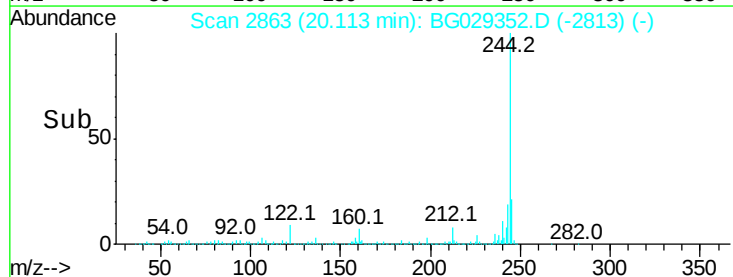
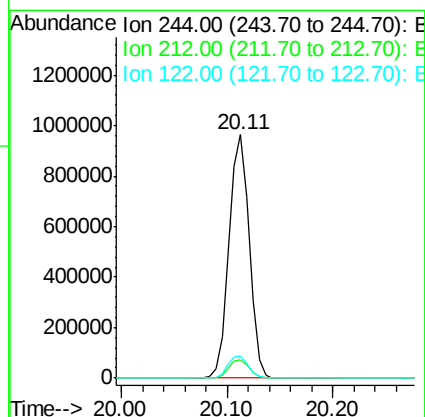
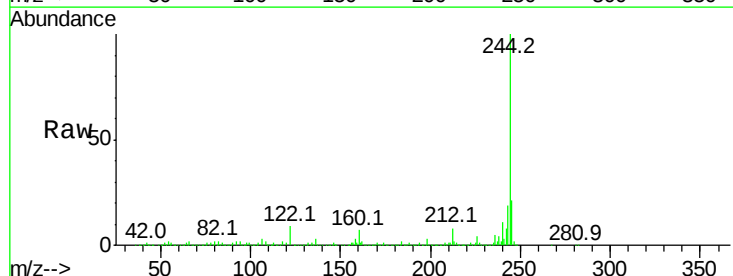
Instrument :
BNA_G
ClientSampleId :
PB103395BS

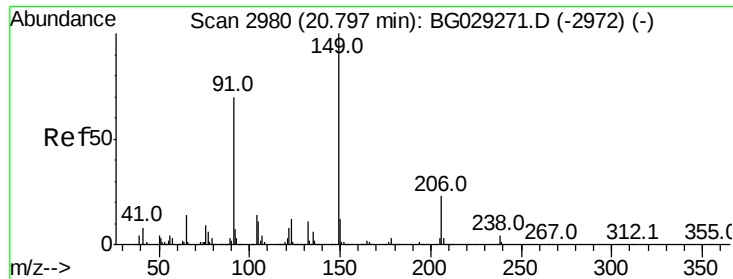
Tot Ion:	202	Resp:	826804
Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.9	25.3
203	18.4	13.9	20.9



#78
Terphenyl-d14
Concen: 54.664 ng
RT: 20.11 min Scan# 2863
Delta R.T. -0.01 min
Lab File: BG029352.D
Acq: 19 Oct 2017 4:28

Tgt Ion:	244	Resp:	1265502
Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	9.2	7.0	10.4

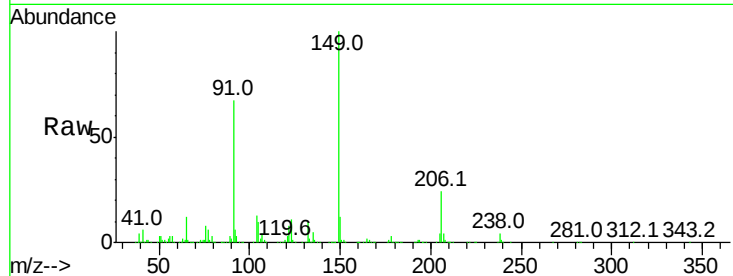




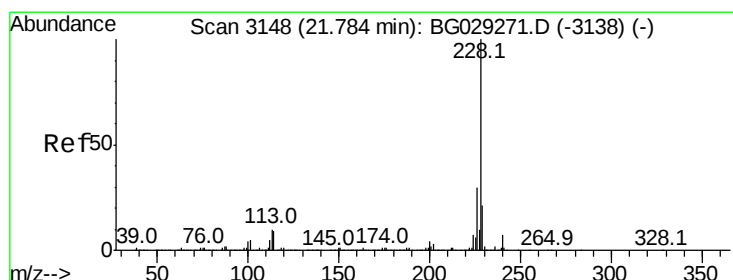
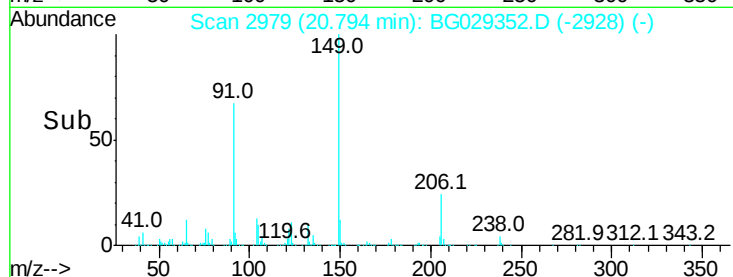
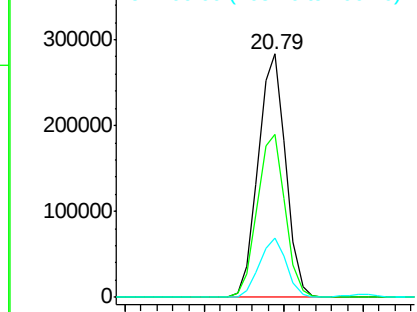
#79
Butylbenzylphthalate
Concen: 25.194 ng
RT: 20.79 min Scan# 2979
Delta R.T. -0.00 min
Lab File: BG029352.D
Acq: 19 Oct 2017 4:28

Instrument :
BNA_G
ClientSampleId :
PB103395BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.0	62.2	93.2
206	24.2	18.6	27.8

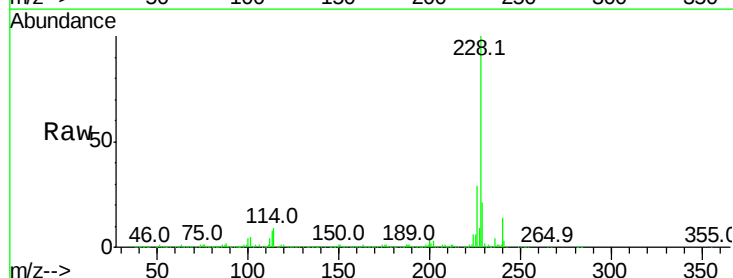


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

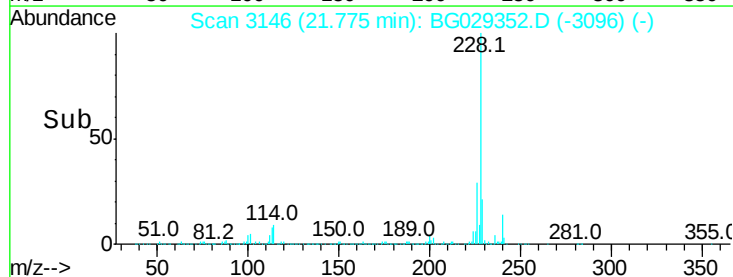
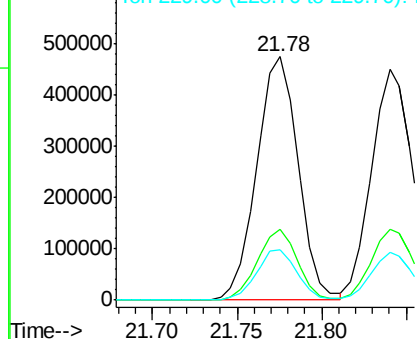


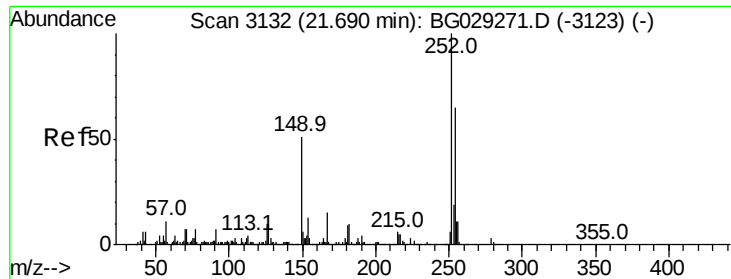
#80
Benzo(a)anthracene
Concen: 26.143 ng
RT: 21.78 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG029352.D
Acq: 19 Oct 2017 4:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.7	34.1
229	20.7	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

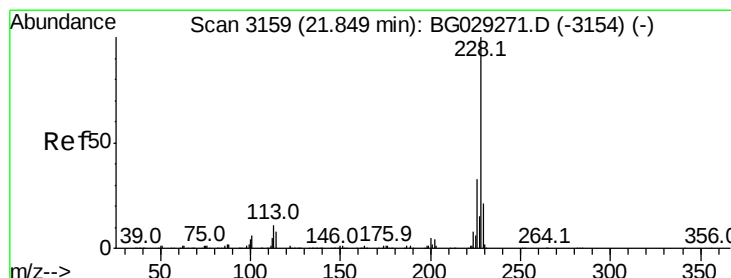
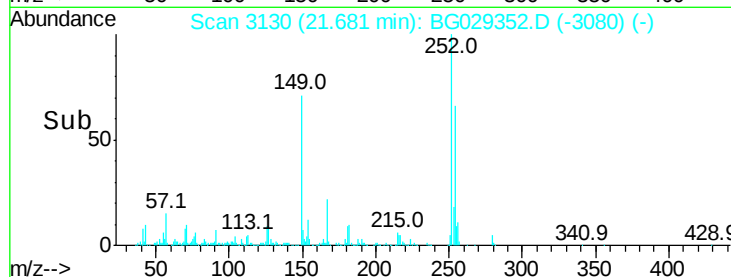
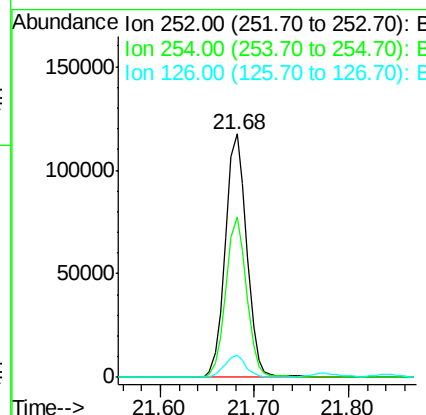
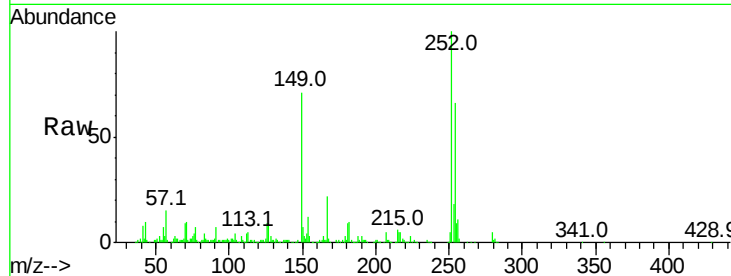




#81
 3,3'-Dichlorobenzidine
 Concen: 14.719 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG029352.D
 Acq: 19 Oct 2017 4:28

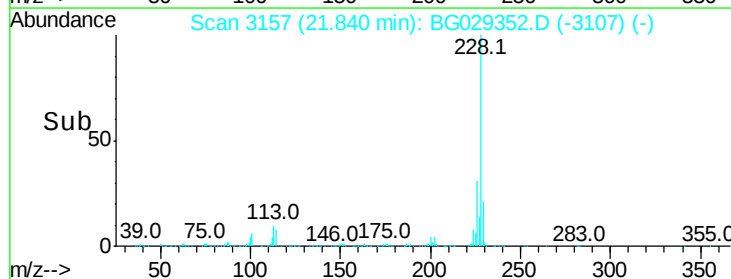
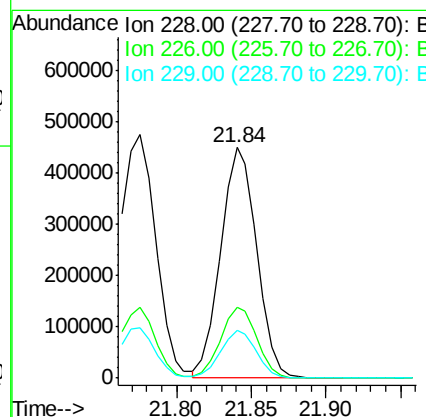
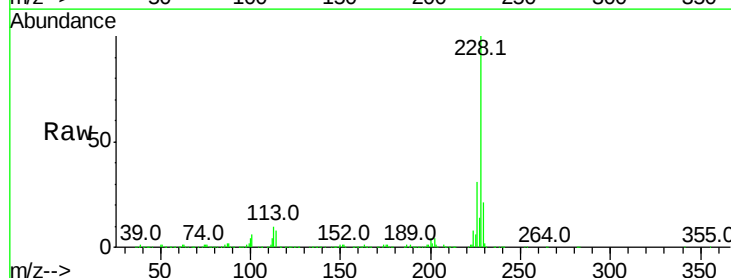
Instrument :
 BNA_G
 ClientSampleId :
 PB103395BS

Tot Ion:252 Resp: 187861
 Ion Ratio Lower Upper
 252 100
 254 65.9 50.8 76.2
 126 8.9 7.4 11.2



#82
 Chrysene
 Concen: 25.505 ng
 RT: 21.84 min Scan# 3157
 Delta R.T. -0.01 min
 Lab File: BG029352.D
 Acq: 19 Oct 2017 4:28

Tgt Ion:228 Resp: 755261
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.9 37.3
 229 20.5 15.0 22.4

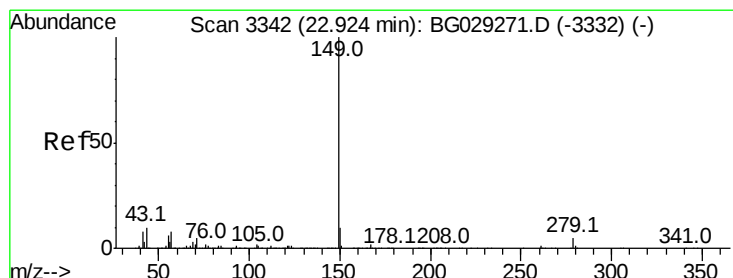
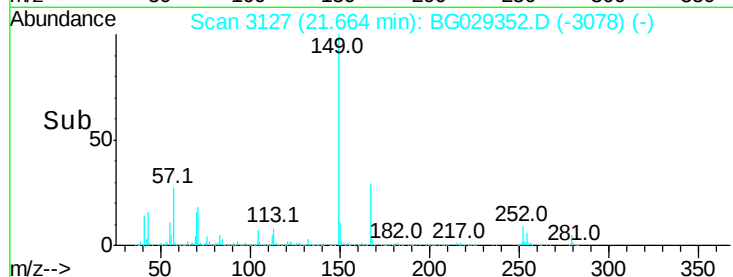
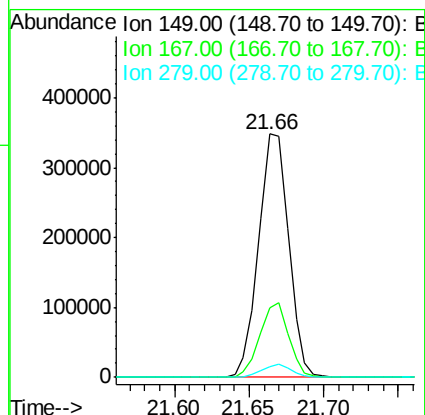
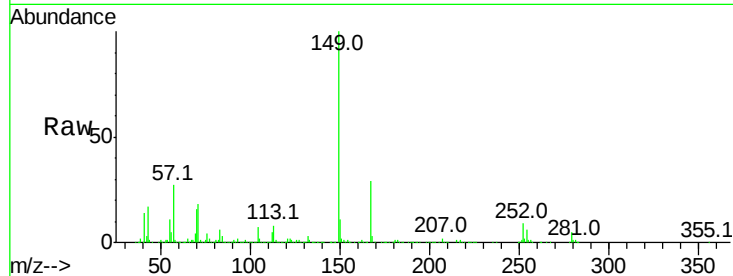




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 24.837 ng
 RT: 21.66 min Scan# 3127
 Delta R.T. -0.01 min
 Lab File: BG029352.D
 Acq: 19 Oct 2017 4:28

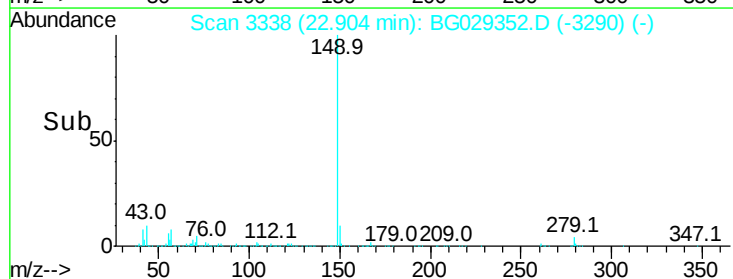
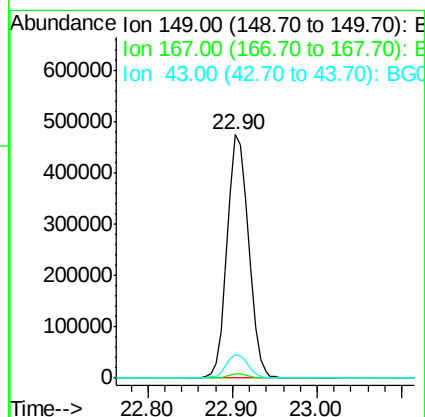
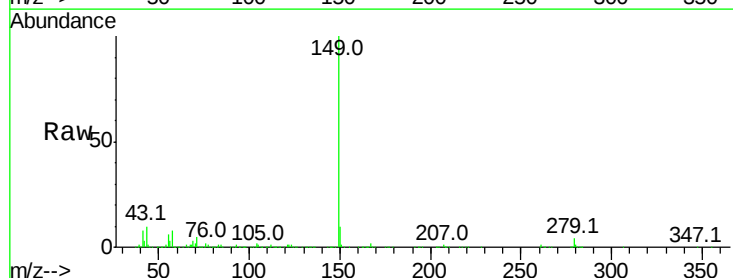
Instrument :
 BNA_G
 ClientSampleId :
 PB103395BS

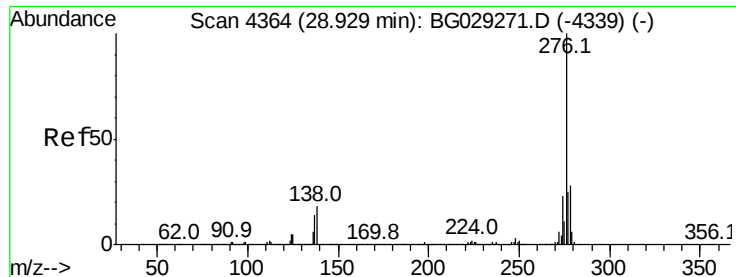
Tot Ion:149 Resp: 485160
 Ion Ratio Lower Upper
 149 100
 167 28.6 24.3 36.5
 279 4.6 4.0 6.0



#84
 Di-n-octyl phthalate
 Concen: 24.388 ng
 RT: 22.90 min Scan# 3338
 Delta R.T. -0.02 min
 Lab File: BG029352.D
 Acq: 19 Oct 2017 4:28

Tgt Ion:149 Resp: 830292
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.0
 43 9.5 8.9 13.3

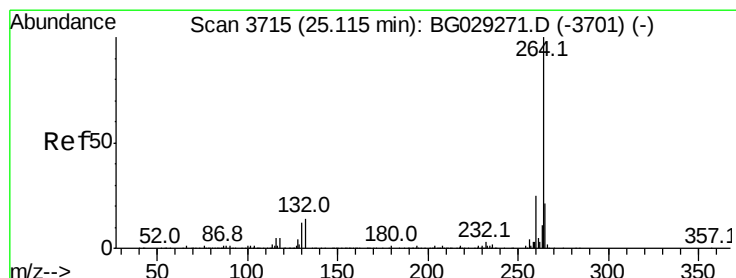
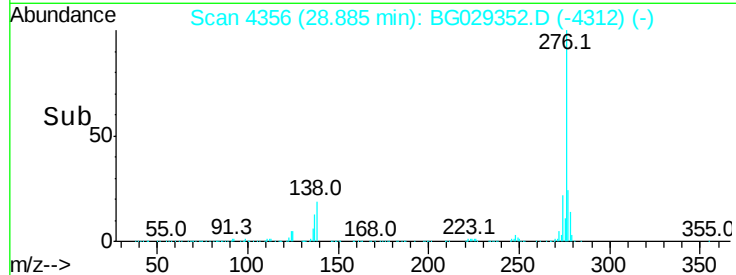
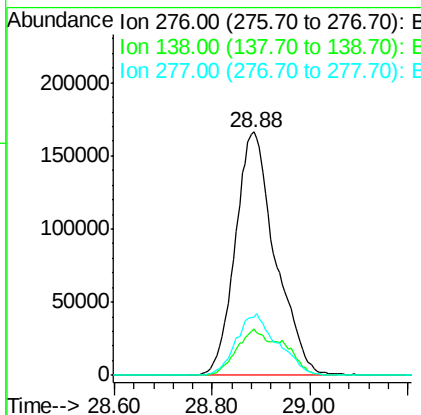
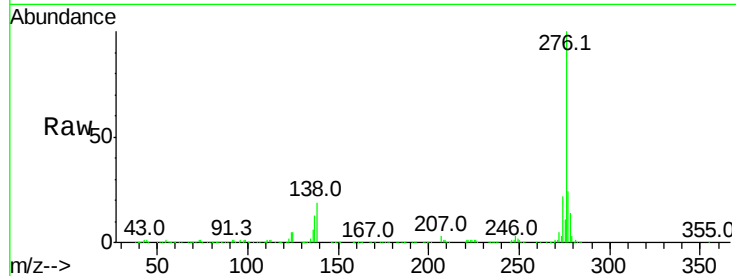




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 25.987 ng
 RT: 28.88 min Scan# 4356
 Delta R.T. -0.04 min
 Lab File: BG029352.D
 Acq: 19 Oct 2017 4:28

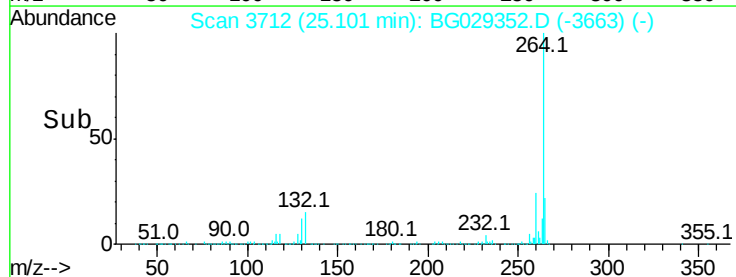
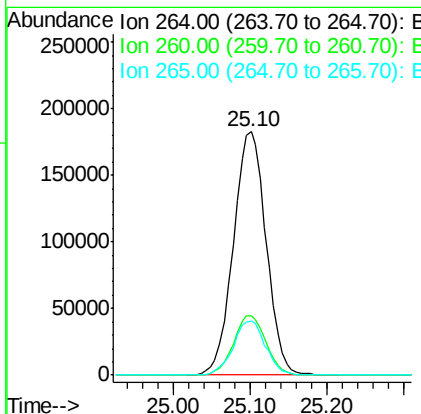
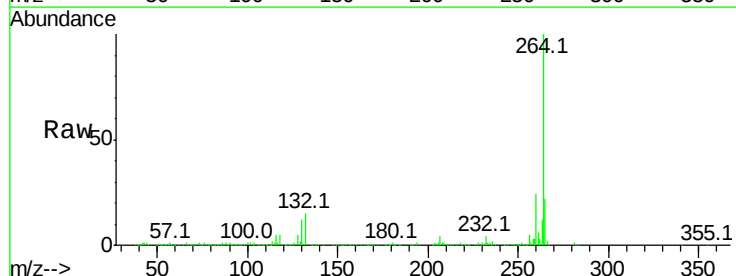
Instrument :
 BNA_G
 ClientSampleId :
 PB103395BS

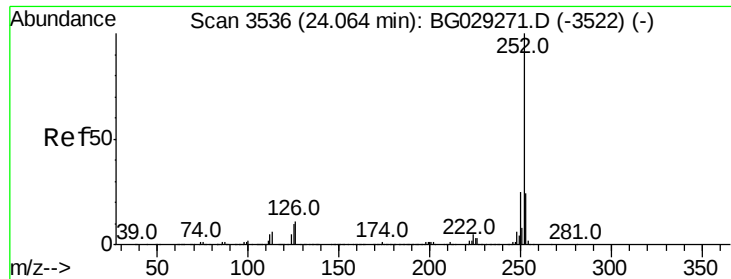
Tot Ion:	276	Resp:	946730
Ion Ratio		Lower	Upper
276	100		
138	22.3	16.0	24.0
277	26.1	20.0	30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.10 min Scan# 3712
 Delta R.T. -0.01 min
 Lab File: BG029352.D
 Acq: 19 Oct 2017 4:28

Tgt Ion:	264	Resp:	541585
Ion Ratio		Lower	Upper
264	100		
260	24.4	17.4	26.0
265	22.5	17.7	26.5

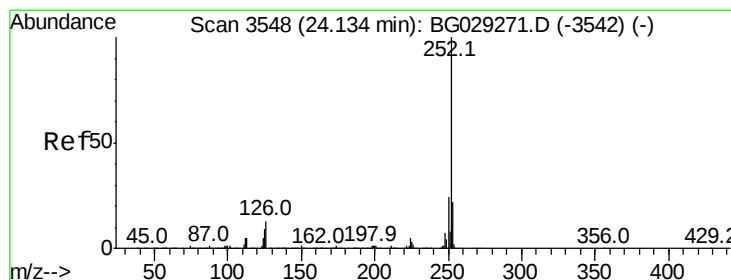
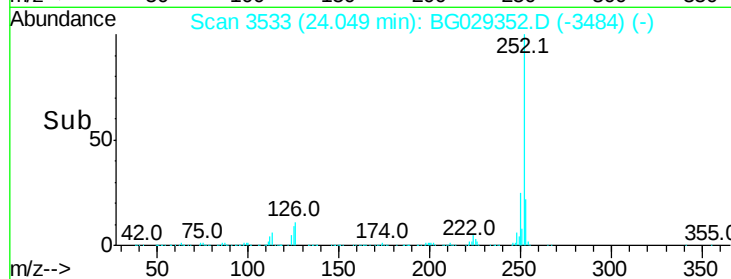
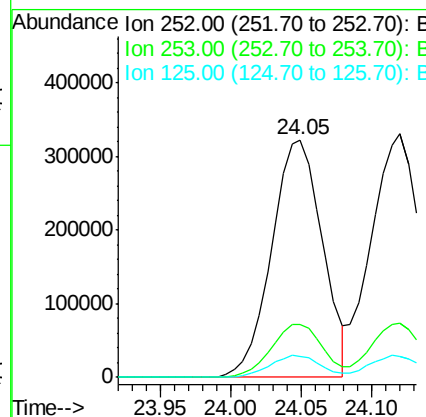
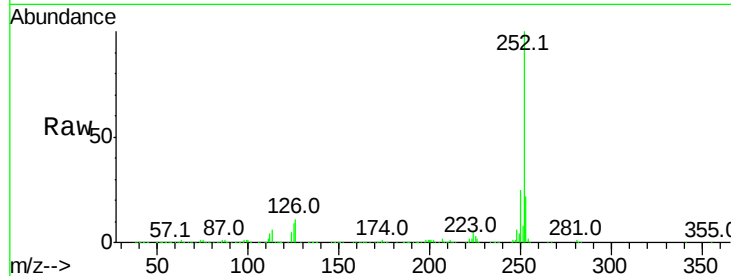




#87
Benzo(b)fluoranthene
Concen: 26.088 ng
RT: 24.05 min Scan# 3533
Delta R.T. -0.01 min
Lab File: BG029352.D
Acq: 19 Oct 2017 4:28

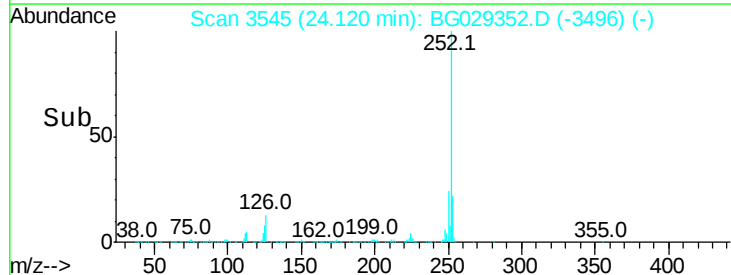
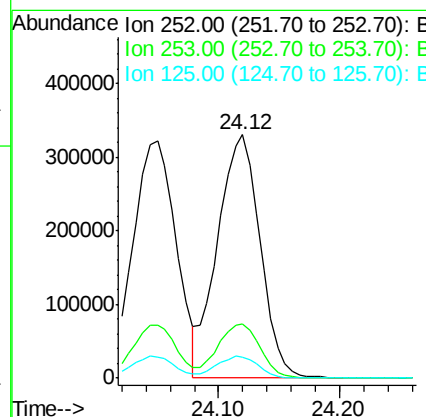
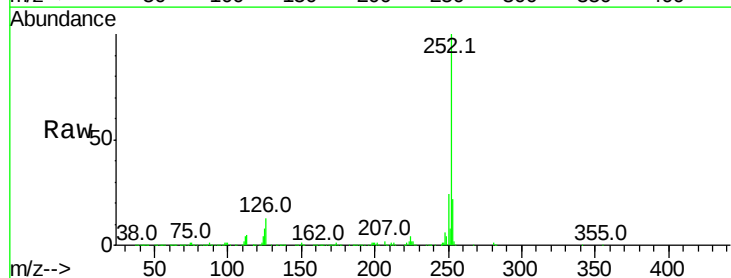
Instrument :
BNA_G
ClientSampleId :
PB103395BS

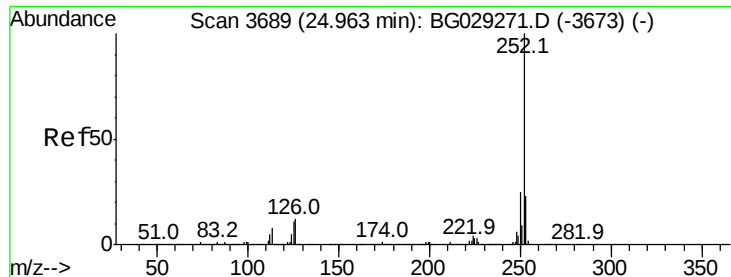
Tot Ion:252 Resp: 808884
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 8.9 7.2 10.8



#88
Benzo(k)fluoranthene
Concen: 26.050 ng
RT: 24.12 min Scan# 3545
Delta R.T. -0.01 min
Lab File: BG029352.D
Acq: 19 Oct 2017 4:28

Tgt Ion:252 Resp: 804693
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 8.5 6.6 9.8

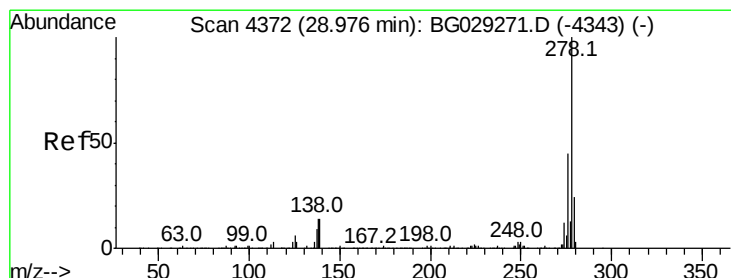
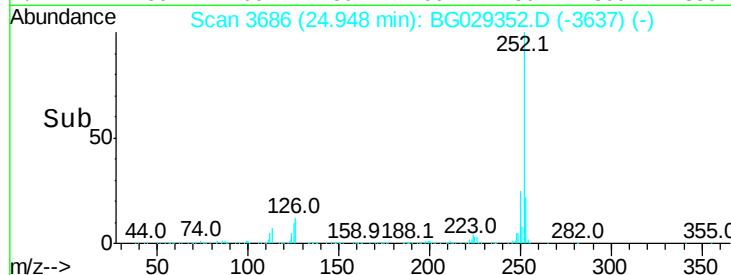
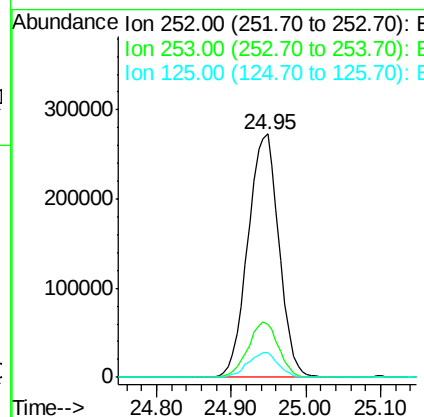
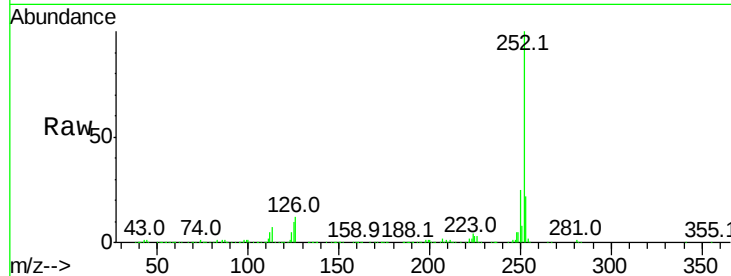




#89
Benzo(a)pyrene
Concen: 26.425 ng
RT: 24.95 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG029352.D
Acq: 19 Oct 2017 4:28

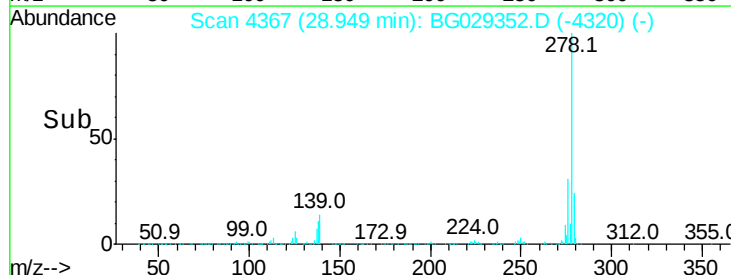
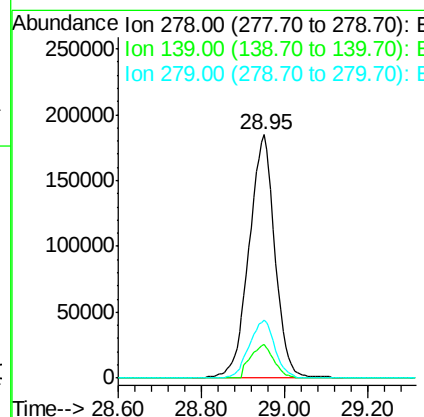
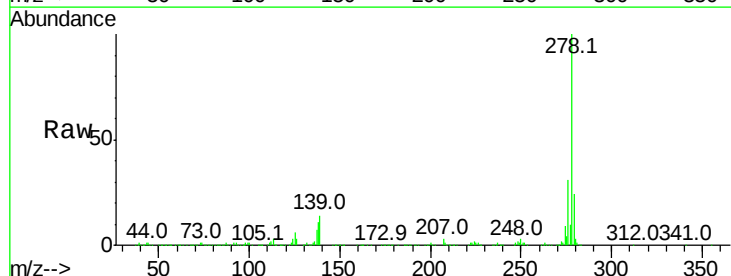
Instrument :
BNA_G
ClientSampleId :
PB103395BS

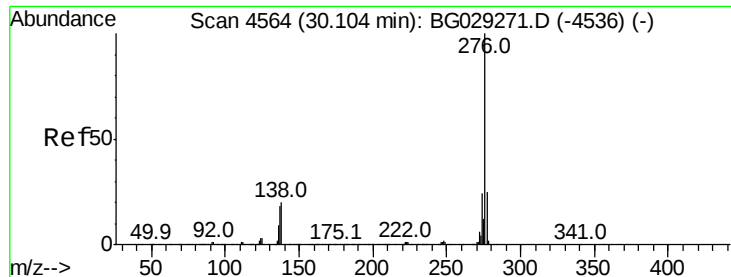
Tot Ion:252 Resp: 787662
Ion Ratio Lower Upper
252 100
253 22.0 18.3 27.5
125 9.9 7.3 10.9



#90
Dibenzo(a,h)anthracene
Concen: 26.567 ng
RT: 28.95 min Scan# 4367
Delta R.T. -0.03 min
Lab File: BG029352.D
Acq: 19 Oct 2017 4:28

Tgt Ion:278 Resp: 801710
Ion Ratio Lower Upper
278 100
139 13.7 9.8 14.6
279 23.9 18.4 27.6





#91
 Benzo(a,h,i)perylene
 Concen: 28.293 ng
 RT: 30.07 min Scan# 4558
 Delta R.T. -0.03 min
 Lab File: BG029352.D
 Acq: 19 Oct 2017 4:28

Instrument :
 BNA_G
 ClientSampleId :
 PB103395BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.2	18.3	27.5
138	17.8	13.9	20.9

