

Data Path : U:\HPCHEM1\BNA G\DATA\BG012718\
 Data File : BG032348.D
 Acq On : 27 Jan 2018 9:52
 Operator : SJ/JU
 Sample : PB105792BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105792BS

Quant Time: Jan 27 23:15:17 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	38927	20.00	ng	0.00
21) Naphthalene-d8	11.61	136	156145	20.00	ng	0.00
38) Acenaphthene-d10	15.37	164	105979	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	275452	20.00	ng	0.02
75) Chrysene-d12	22.46	240	347602	20.00	ng	0.04
86) Perylene-d12	26.19	264	377138	20.00	ng	0.08

System Monitoring Compounds

5) 2-Fluorophenol	6.17	112	272185	127.88	ng	0.01
7) Phenol-d6	7.85	99	338645	126.33	ng	0.01
23) Nitrobenzene-d5	9.93	82	208212	90.21	ng	0.00
41) 2,4,6-Tribromophenol	16.85	330	241210	137.54	ng	0.01
44) 2-Fluorobiphenyl	14.00	172	731212	85.55	ng	0.01
78) Terphenyl-d14	20.65	244	1364914	86.70	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.82	88	26150	31.980	ng	# 75
3) Pyridine	4.27	79	71924	32.953	ng	# 83
4) n-Nitrosodimethylamine	4.18	42	43249	56.403	ng	# 72
6) Aniline	8.02	93	29681	8.778	ng	# 87
8) 2-Chlorophenol	8.28	128	106160	44.574	ng	85
9) Benzaldehyde	7.83	77	43461	27.983	ng	86
10) Phenol	7.87	94	114745	43.455	ng	89
11) bis(2-Chloroethyl)ether	8.12	93	77817	36.784	ng	# 83
12) 1,3-Dichlorobenzene	8.62	146	127665	40.956	ng	97
13) 1,4-Dichlorobenzene	8.76	146	128633	40.985	ng	95
14) 1,2-Dichlorobenzene	9.10	146	123025	40.528	ng	96
15) Benzyl Alcohol	8.96	79	93381	47.953	ng	95
16) 2,2'-oxybis(1-Chloropropan	9.26	45	74381	34.597	ng	73
17) 2-Methylphenol	9.17	107	82493	40.878	ng	# 91
18) Hexachloroethane	9.85	117	41240	42.755	ng	# 76
19) n-Nitroso-di-n-propylamine	9.55	70	66079	39.730	ng	# 90
20) 3+4-Methylphenols	9.50	107	115205	41.210	ng	95
22) Acetophenone	9.57	105	147779	41.665	ng	# 91
24) Nitrobenzene	9.97	77	102605	44.569	ng	# 88
25) Isophorone	10.50	82	180694	42.046	ng	# 79
26) 2-Nitrophenol	10.70	139	63392	46.471	ng	# 83
27) 2,4-Dimethylphenol	10.74	122	105586	48.776	ng	93
28) bis(2-Chloroethoxy)methane	10.98	93	108456	41.887	ng	# 93
29) 2,4-Dichlorophenol	11.24	162	132196	49.631	ng	87
30) 1,2,4-Trichlorobenzene	11.47	180	146783	42.670	ng	99
31) Naphthalene	11.67	128	314998	40.723	ng	99
32) Benzoic acid	10.87	122	58297	35.151	ng	# 81
33) 4-Chloroaniline	11.76	127	28269	8.523	ng	91
34) Hexachlorobutadiene	11.93	225	115245	46.644	ng	97
35) Caprolactam	12.52	113	35892	44.417	ng	# 44
36) 4-Chloro-3-methylphenol	12.84	107	118975	48.799	ng	# 89
37) 2-Methylnaphthalene	13.23	142	260422	42.407	ng	91
39) 1,2,4,5-Tetrachlorobenzene	13.59	216	208736	45.185	ng	95
40) Hexachlorocyclopentadiene	13.56	237	296912	114.112	ng	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.81	196	124556	47.986	nq	99
43) 2,4,5-Trichlorophenol	13.89	196	136322	45.373	nq	# 89
45) 1,1'-Biphenyl	14.21	154	373101	41.066	nq	95
46) 2-Chloronaphthalene	14.26	162	288000	40.748	nq	95
47) 2-Nitroaniline	14.45	65	66241	48.957	nq	# 75
48) Acenaphthylene	15.10	152	435685	40.480	nq	99
49) Dimethylphthalate	14.80	163	390010	42.054	nq	99
50) 2,6-Dinitrotoluene	14.93	165	86283	44.823	nq	# 78
51) Acenaphthene	15.43	154	342948	48.188	nq	96
52) 3-Nitroaniline	15.26	138	21507	12.370	nq	# 71
53) 2,4-Dinitrophenol	15.46	184	117763	118.302	nq	# 61
54) Dibenzofuran	15.77	168	459229	43.256	nq	98
55) 4-Nitrophenol	15.55	139	126476	99.820	nq	# 77
56) 2,4-Dinitrotoluene	15.71	165	127303	49.121	nq	# 70
57) Fluorene	16.41	166	367619	42.220	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.98	232	142451	51.253	nq	# 85
59) Diethylphthalate	16.14	149	379093	42.165	nq	97
60) 4-Chlorophenyl-phenylether	16.38	204	239745	44.886	nq	93
61) 4-Nitroaniline	16.42	138	58605	35.140	nq	86
62) Azobenzene	16.68	77	236971	42.111	nq	85
64) 4,6-Dinitro-2-methylphenol	16.47	198	81668	46.492	nq	# 73
65) n-Nitrosodiphenylamine	16.60	169	343879	41.142	nq	98
66) 4-Bromophenyl-phenylether	17.28	248	171532	43.767	nq	95
67) Hexachlorobenzene	17.41	284	181740	41.914	nq	# 89
68) Atrazine	17.53	200	161807	46.032	nq	97
69) Pentachlorophenol	17.75	266	232601	83.926	nq	98
70) Phenanthrene	18.15	178	640597	41.770	nq	99
71) Anthracene	18.24	178	653060	42.695	nq	99
72) Carbazole	18.51	167	562417	42.385	nq	99
73) Di-n-butylphthalate	19.01	149	636392	40.588	nq	99
74) Fluoranthene	20.12	202	856380	44.599	nq	95
76) Benzidine	20.27	184	126949	14.605	nq	98
77) Pyrene	20.48	202	861953	39.446	nq	98
79) Butylbenzylphthalate	21.34	149	288431	36.841	nq	# 76
80) Benzo(a)anthracene	22.44	228	911476	42.164	nq	99
81) 3,3'-Dichlorobenzidine	22.32	252	114911	14.230	nq	# 98
82) Chrysene	22.51	228	855867	41.225	nq	97
83) Bis(2-ethylhexyl)phthalate	22.28	149	403718	35.165	nq	# 97
84) Di-n-octyl phthalate	23.67	149	697783	38.268	nq	# 89
85) Indeno(1,2,3-cd)pyrene	30.54	276	1159171	45.624	nq	# 86
87) Benzo(b)fluoranthene	25.00	252	976179	42.823	nq	# 95
88) Benzo(k)fluoranthene	25.07	252	946099	42.473	nq	# 94
89) Benzo(a)pyrene	26.02	252	947624	43.944	nq	# 95
90) Dibenzo(a,h)anthracene	30.63	278	964956	46.437	nq	# 94
91) Benzo(g,h,i)perylene	31.91	276	964164	45.396	nq	# 90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.73 min Scan# 926

Delta R.T. 0.01 min

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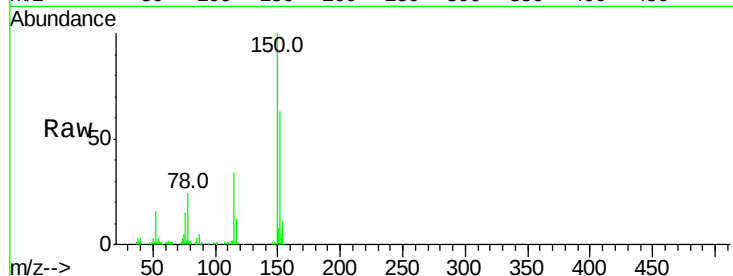
Tot Ion:152 Resp: 38927

Ion Ratio Lower Upper

152 100

150 159.4 126.6 189.8

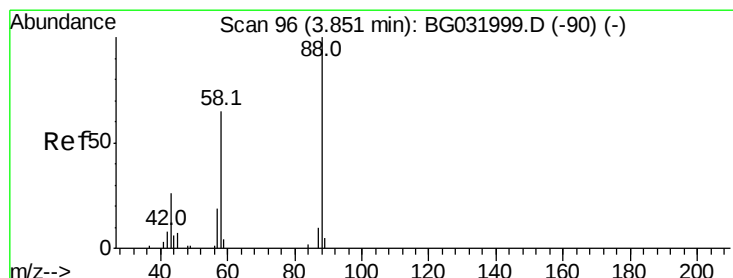
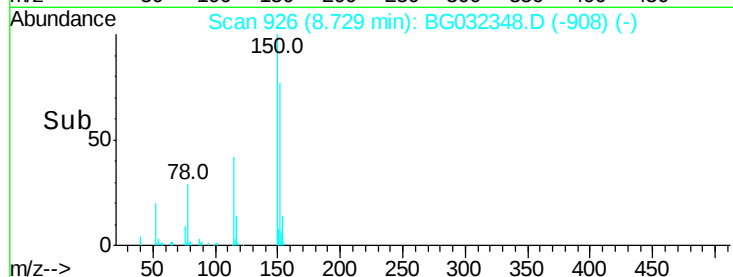
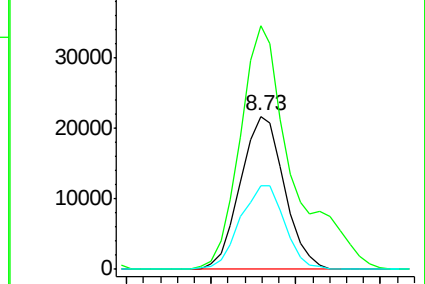
115 54.8 53.0 79.4



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: 31.980 ng

RT: 3.82 min Scan# 90

Delta R.T. -0.01 min

Lab File: BG032348.D

Acq: 27 Jan 2018 9:52

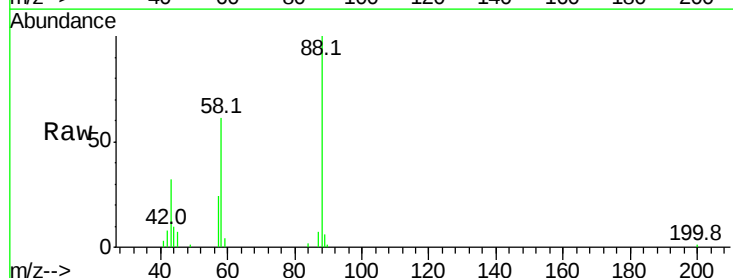
Tgt Ion: 88 Resp: 26150

Ion Ratio Lower Upper

88 100

58 66.6 79.6 119.4#

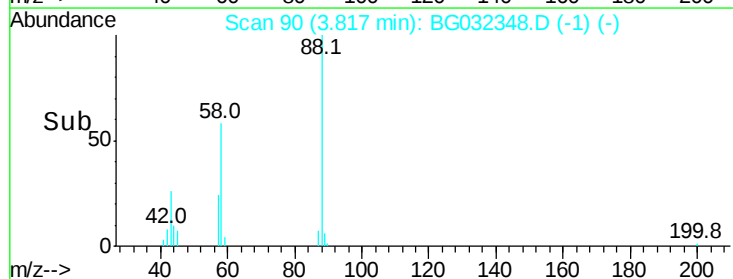
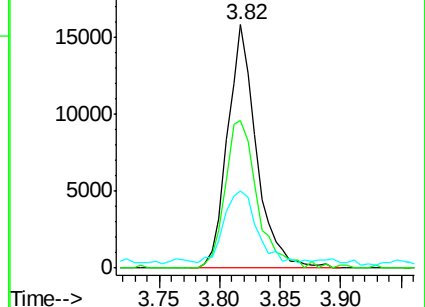
43 33.5 27.4 41.0

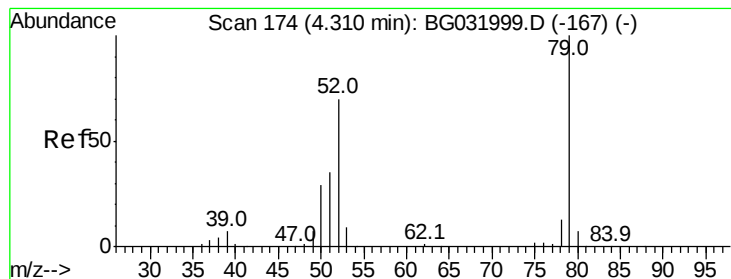


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 32.953 ng

RT: 4.27 min Scan# 167

Delta R.T. 0.00 min

Lab File: BG032348.D

Acq: 27 Jan 2018 9:52

Instrument :

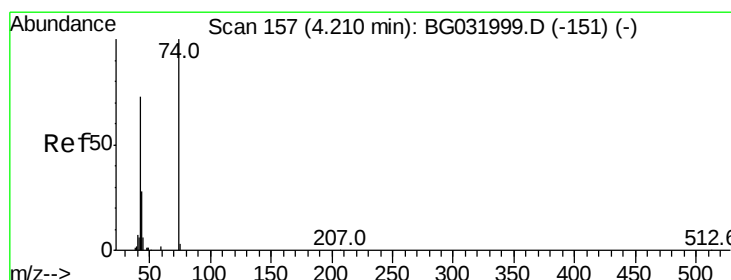
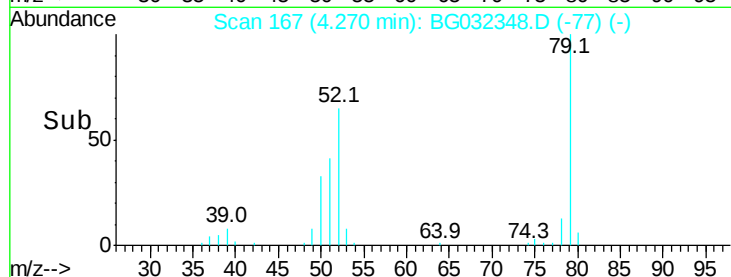
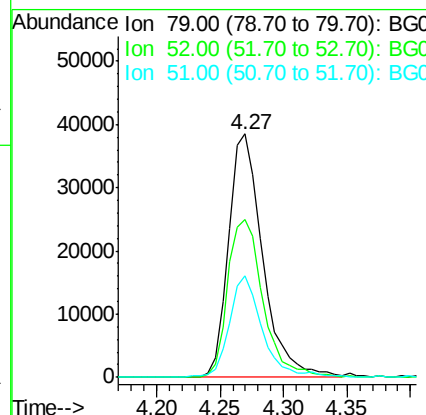
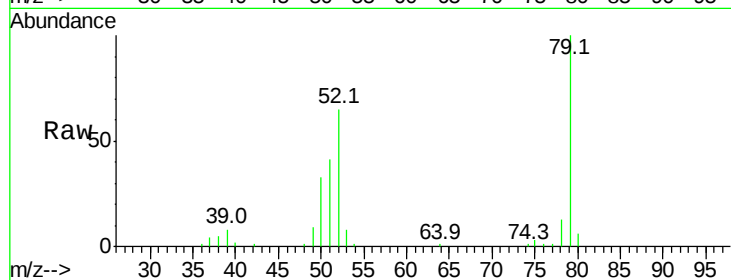
BNA_G

ClientSampleId :

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Tot Ion: 79 Resp: 71924

Ion	Ratio	Lower	Upper
79	100		
52	65.0	69.9	104.9#
51	41.4	34.0	51.0



#4

n-Nitrosodimethylamine

Concen: 56.403 ng

RT: 4.18 min Scan# 151

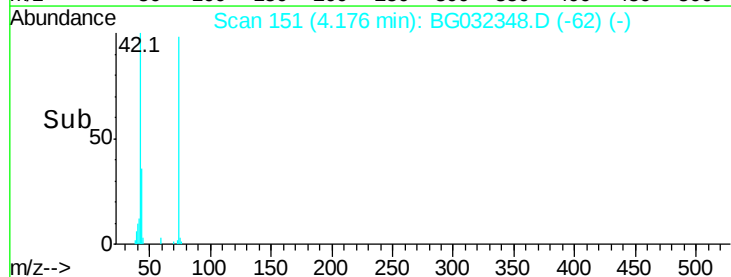
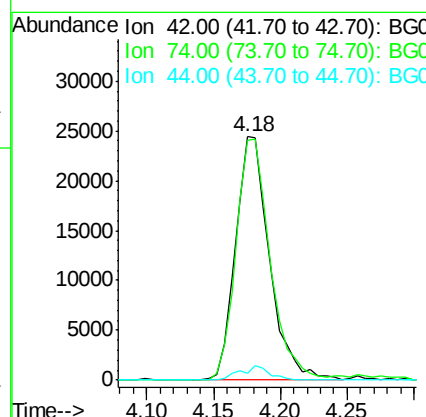
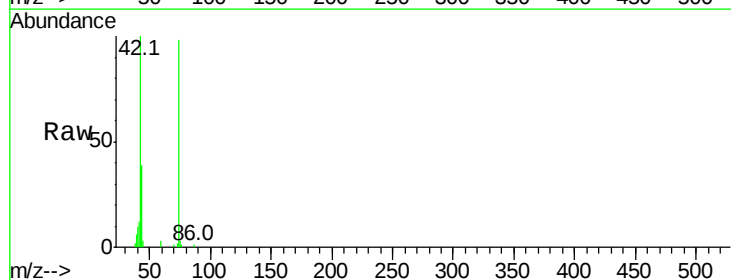
Delta R.T. -0.01 min

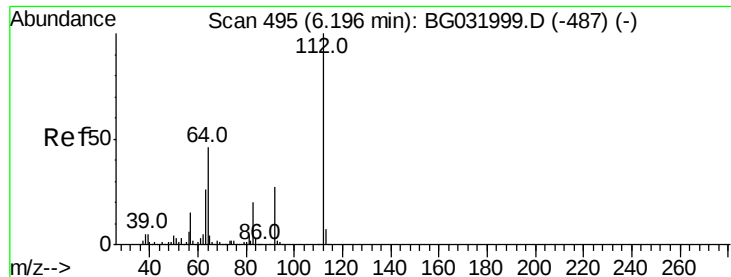
Lab File: BG032348.D

Acq: 27 Jan 2018 9:52

Tgt Ion: 42 Resp: 43249

Ion	Ratio	Lower	Upper
42	100		
74	98.2	102.5	153.7#
44	2.8	18.9	28.3#





#5

2-Fluorophenol

Concen: 127.882 ng

RT: 6.17 min Scan# 490

Delta R.T. 0.01 min

Lab File: BG032348.D

Acq: 27 Jan 2018 9:52

Instrument :

BNA_G

ClientSampleId :

PB105792BS

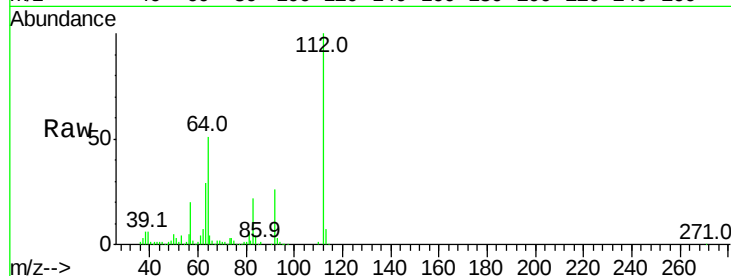
Tot Ion:112 Resp: 272185

Ion Ratio Lower Upper

112 100

64 50.6 56.3 84.5#

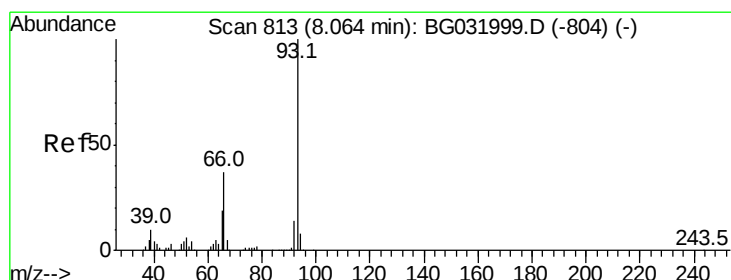
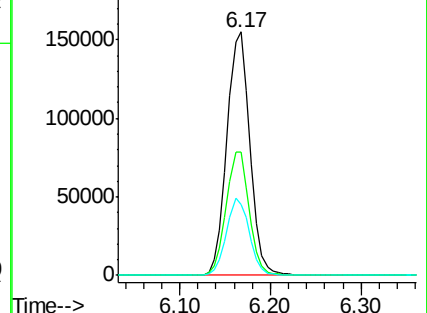
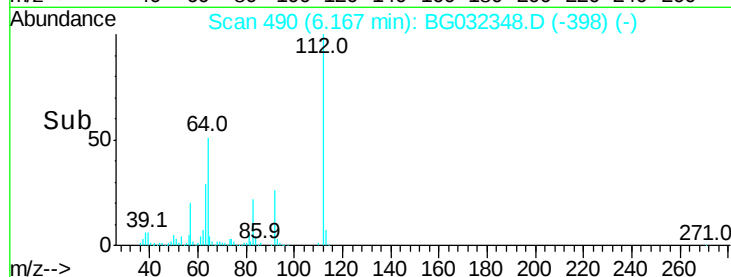
63 29.3 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 8.778 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032348.D

Acq: 27 Jan 2018 9:52

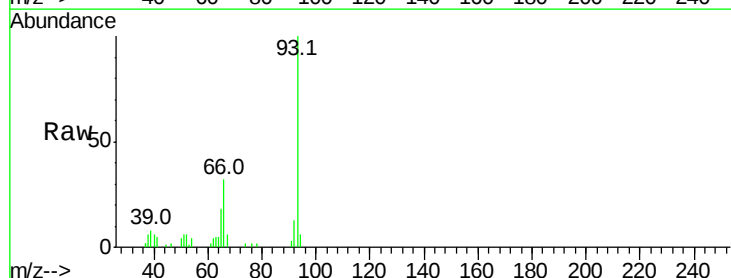
Tgt Ion: 93 Resp: 29681

Ion Ratio Lower Upper

93 100

66 31.8 33.7 50.5#

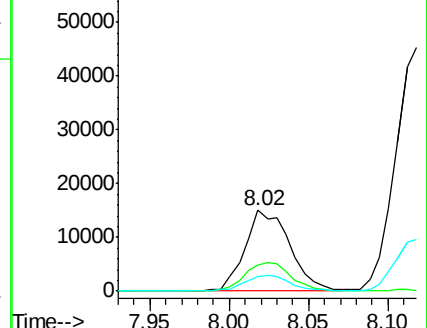
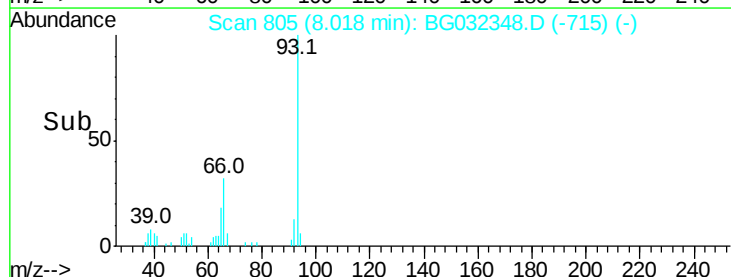
65 17.6 16.1 24.1

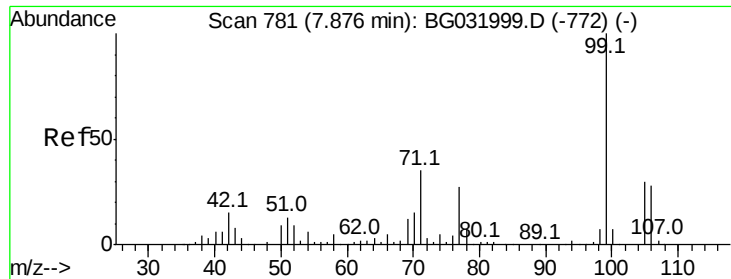


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 126.332 ng

RT: 7.85 min Scan# 776

Delta R.T. 0.01 min

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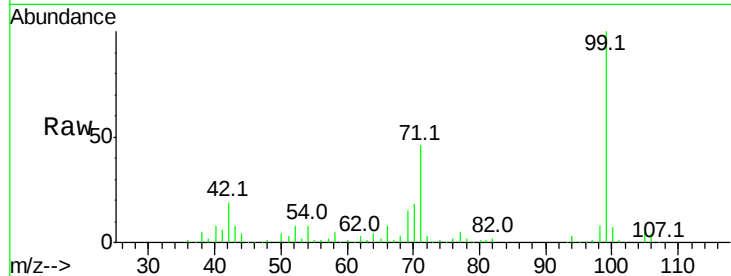
Tot Ion: 99 Resp: 338645

Ion Ratio Lower Upper

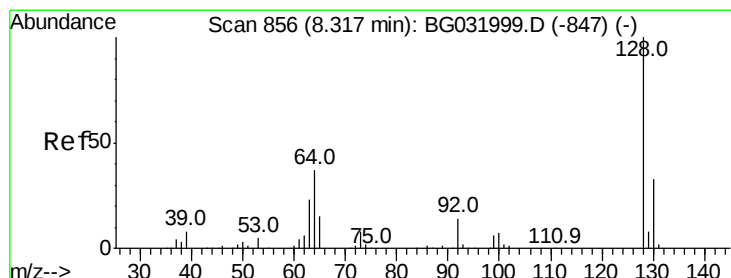
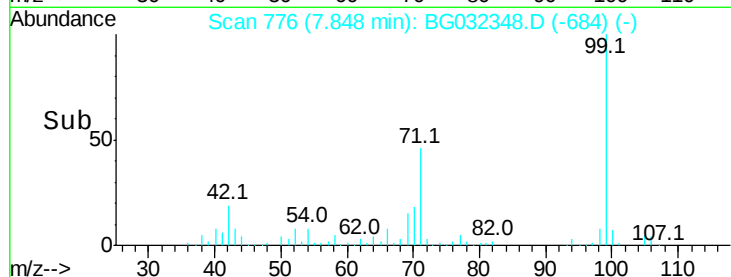
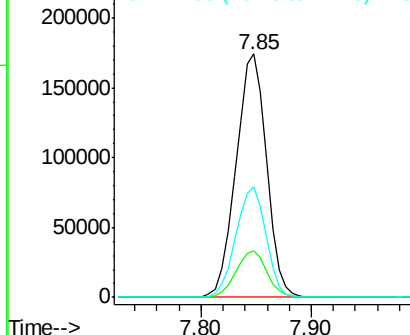
99 100

42 18.8 14.1 21.1

71 45.6 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: 44.574 ng

RT: 8.28 min Scan# 849

Delta R.T. 0.01 min

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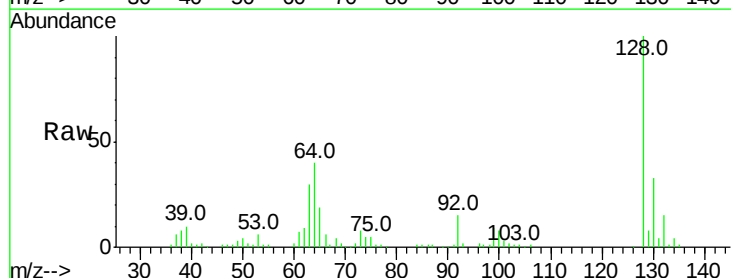
Tgt Ion: 128 Resp: 106160

Ion Ratio Lower Upper

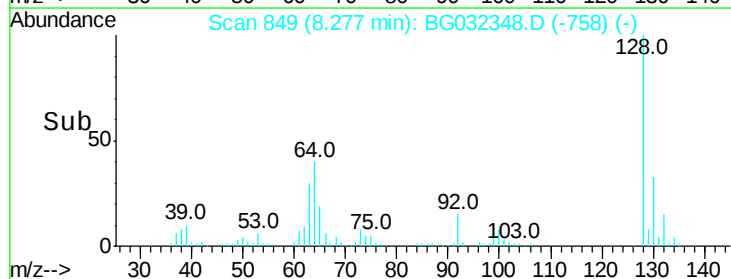
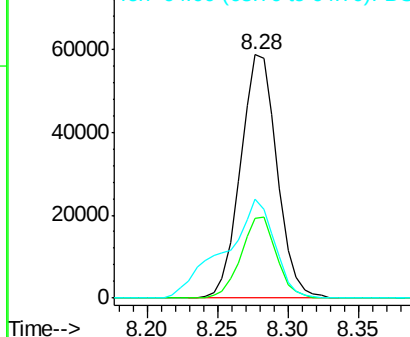
128 100

130 32.8 14.0 54.0

64 40.5 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: 27.983 ng

RT: 7.83 min Scan# 773

Delta R.T. 0.01 min

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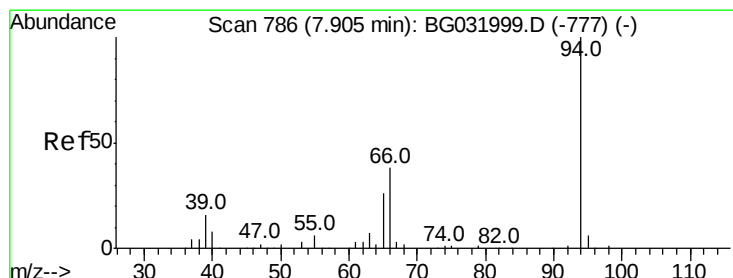
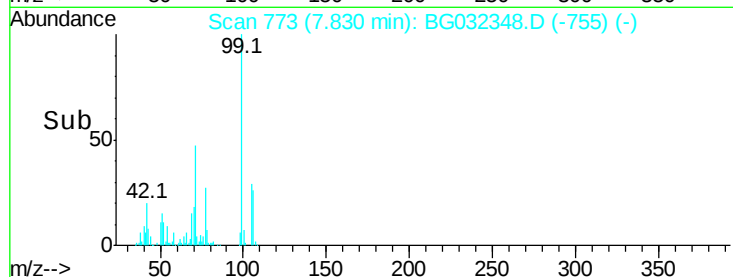
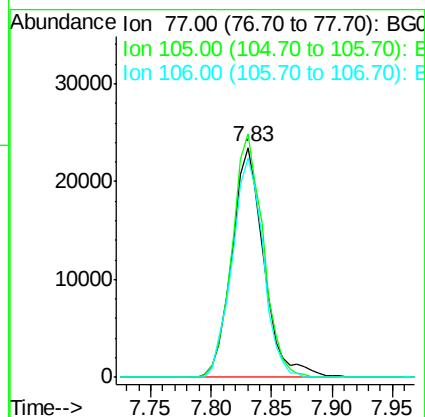
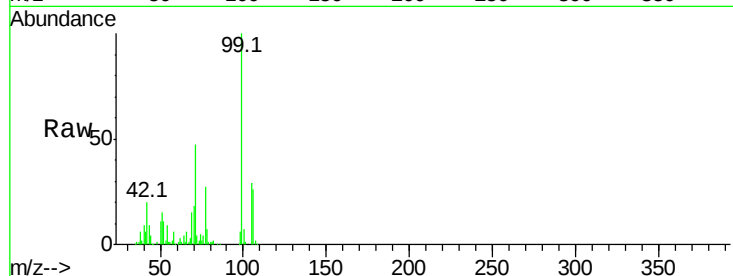
Tot Ion: 77 Resp: 43461

Ion Ratio Lower Upper

77 100

105 106.0 71.3 111.3

106 95.7 64.2 104.2



#10

Phenol

Concen: 43.455 ng

RT: 7.87 min Scan# 780

Delta R.T. 0.01 min

Lab File: BG032348.D

Acq: 27 Jan 2018 9:52

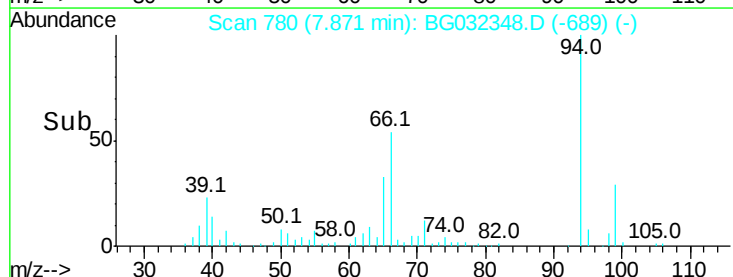
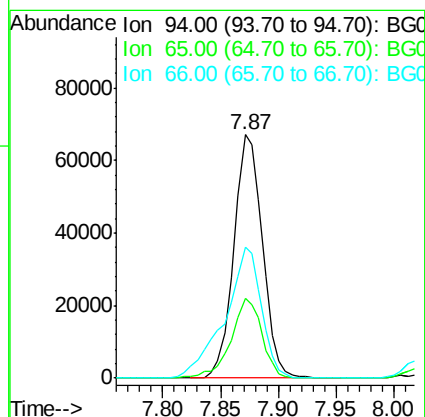
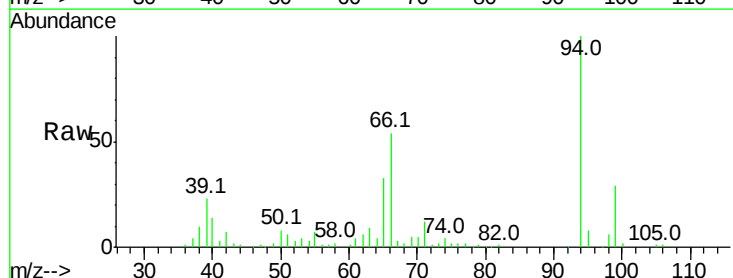
Tgt Ion: 94 Resp: 114745

Ion Ratio Lower Upper

94 100

65 32.6 11.9 51.9

66 53.7 22.2 62.2

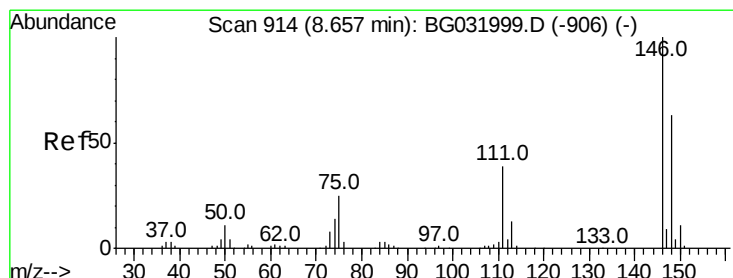
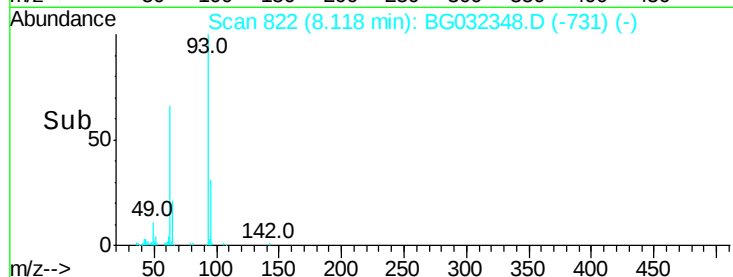
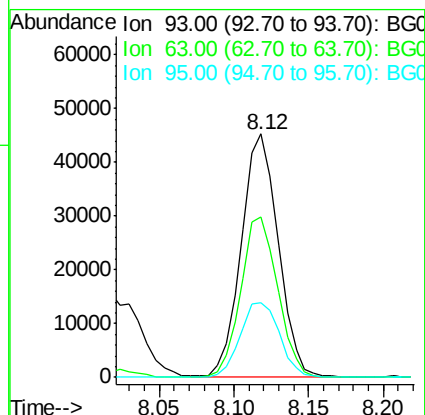
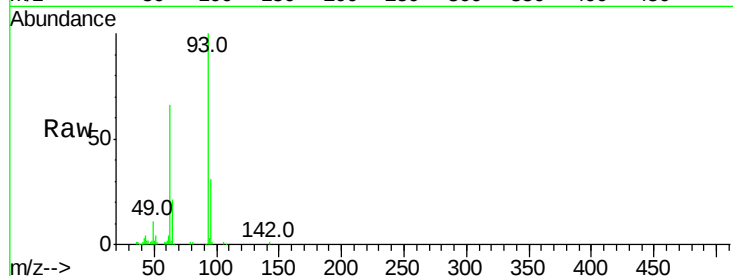




#11
bis(2-Chloroethyl)ether
Concen: 36.784 ng
RT: 8.12 min Scan# 822
Delta R.T. 0.01 min
Lab File: BG032348.D
Acq: 27 Jan 2018 9:52

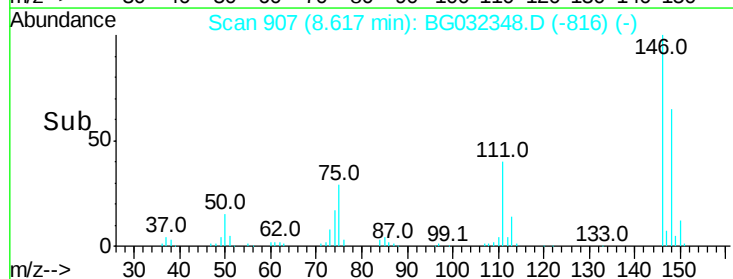
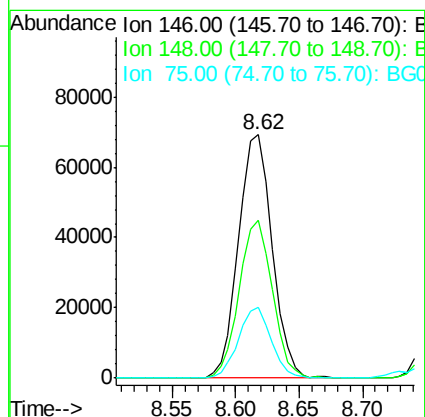
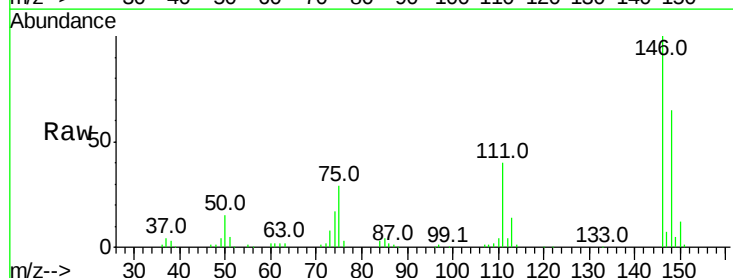
Instrument :
BNA_G
ClientSampleId :
PB105792BS

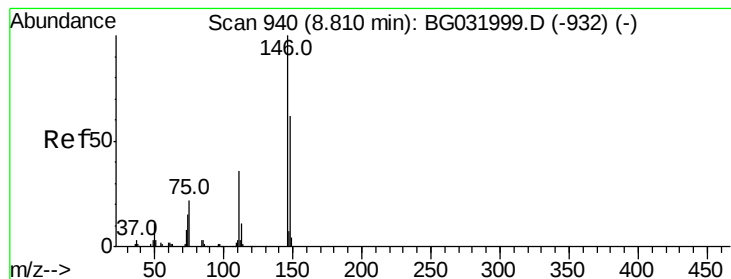
Tot Ion: 93 Resp: 77817
Ion Ratio Lower Upper
93 100
63 65.7 67.1 107.1#
95 30.9 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 40.956 ng
RT: 8.62 min Scan# 907
Delta R.T. 0.01 min
Lab File: BG032348.D
Acq: 27 Jan 2018 9:52

Tgt Ion: 146 Resp: 127665
Ion Ratio Lower Upper
146 100
148 65.1 51.4 77.2
75 29.2 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 40.985 ng

RT: 8.76 min Scan# 932

Delta R.T. 0.00 min

Lab File: BG032348.D

Acq: 27 Jan 2018 9:52

Instrument :

BNA_G

ClientSampleId :

PB105792BS

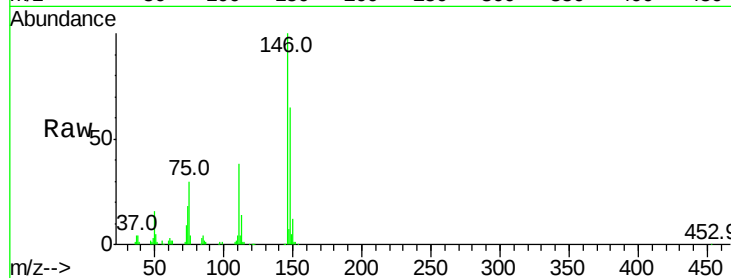
Tot Ion:146 Resp: 128633

Ion Ratio Lower Upper

146 100

148 65.2 53.7 80.5

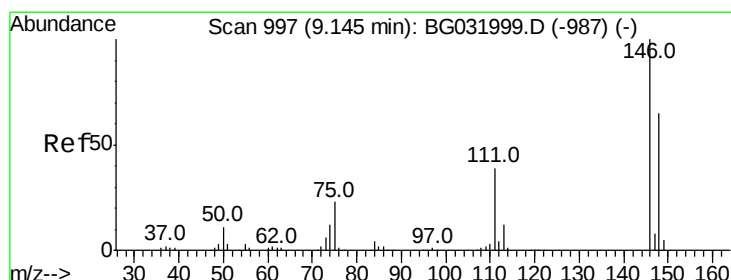
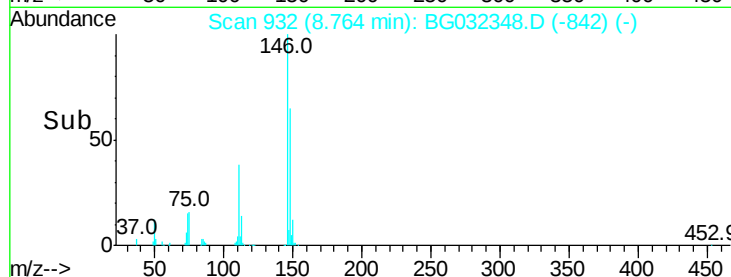
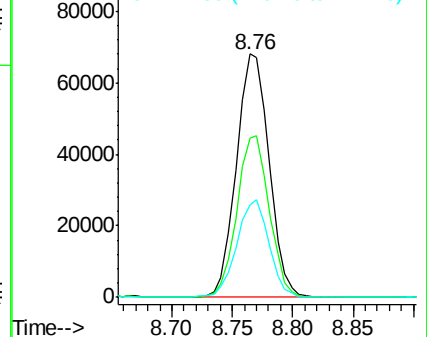
111 38.1 35.2 52.8



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: 40.528 ng

RT: 9.10 min Scan# 989

Delta R.T. 0.01 min

Lab File: BG032348.D

Acq: 27 Jan 2018 9:52

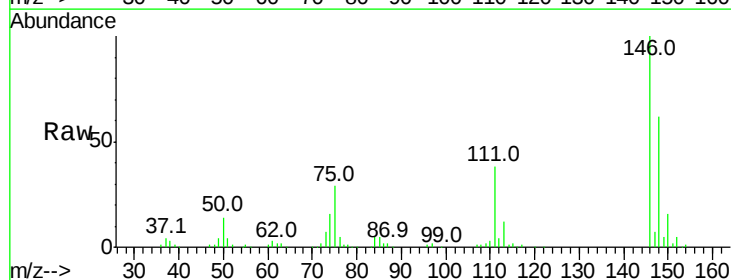
Tgt Ion:146 Resp: 123025

Ion Ratio Lower Upper

146 100

148 62.0 49.3 73.9

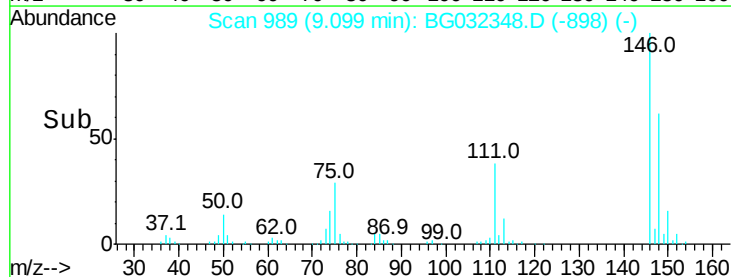
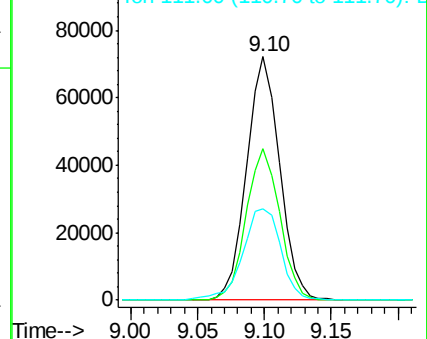
111 37.7 34.3 51.5

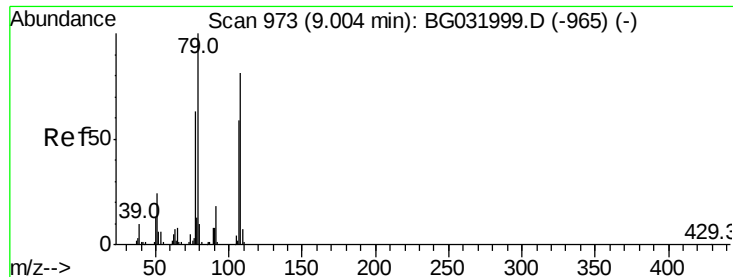


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.953 ng

RT: 8.96 min Scan# 966

Delta R.T. 0.00 min

Lab File: BG032348.D

Acq: 27 Jan 2018 9:52

Instrument :

BNA_G

ClientSampleId :

PB105792BS

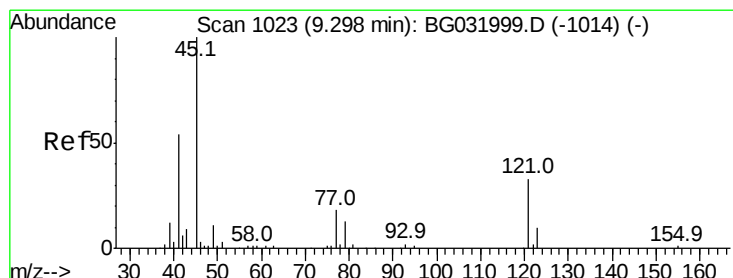
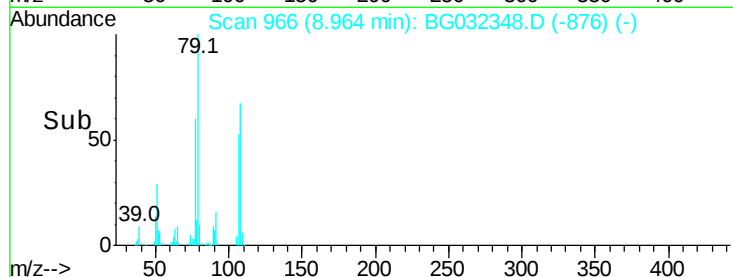
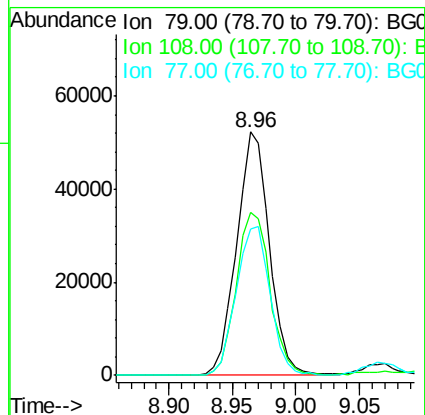
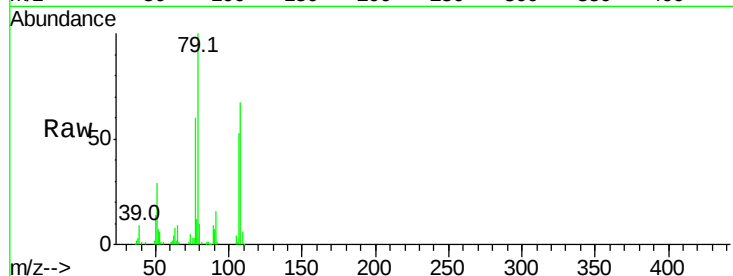
Tot Ion: 79 Resp: 93381

Ion Ratio Lower Upper

79 100

108 67.1 57.2 85.8

77 60.3 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.597 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.01 min

Lab File: BG032348.D

Acq: 27 Jan 2018 9:52

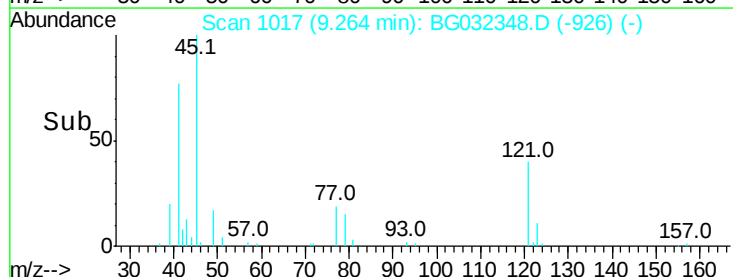
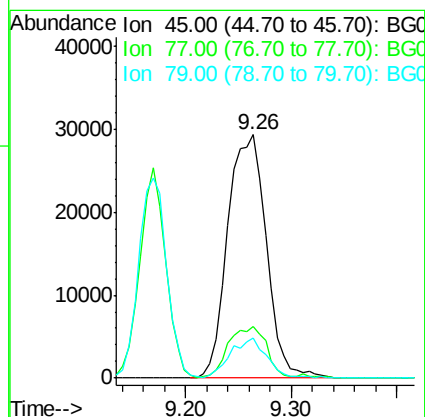
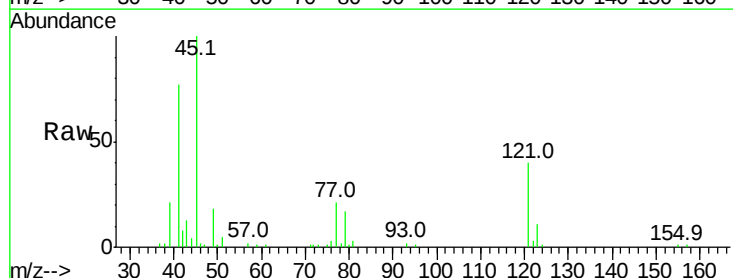
Tgt Ion: 45 Resp: 74381

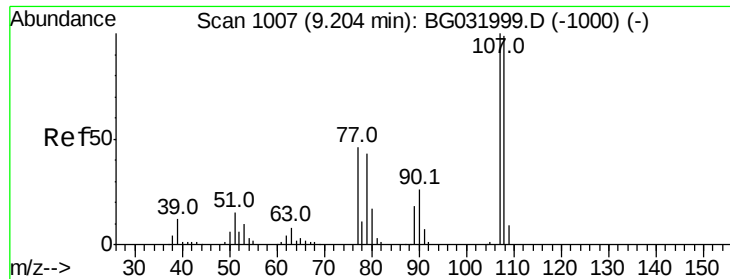
Ion Ratio Lower Upper

45 100

77 21.0 0.0 30.2

79 16.6 0.0 27.9





#17

2-Methylphenol

Concen: 40.878 ng

RT: 9.17 min Scan# 1001

Delta R.T. 0.01 min

Lab File: BG032348.D

Acq: 27 Jan 2018 9:52

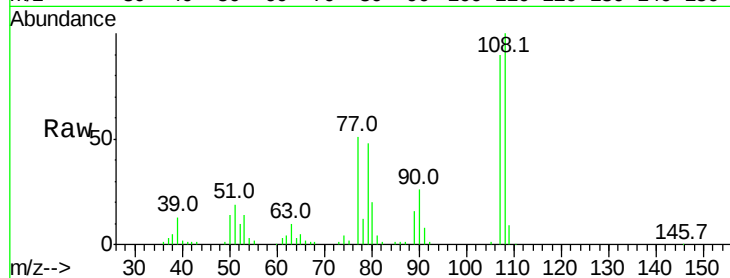
Instrument :

BNA_G

ClientSampleId :

PB105792BS

Tot Ion:	107	Resp:	82493
Ion	Ratio	Lower	Upper
107	100		
108	110.5	83.9	125.9
77	55.9	37.2	55.8#
79	53.4	36.2	54.2



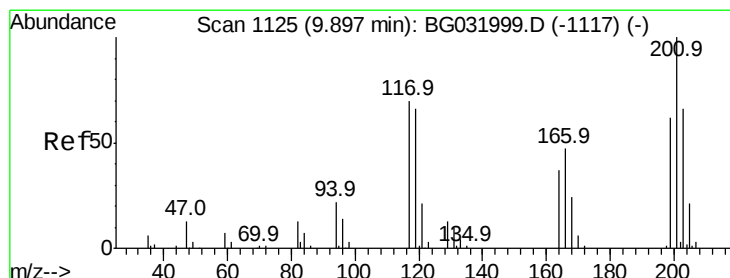
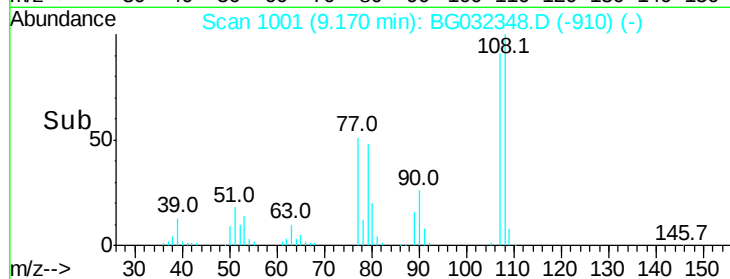
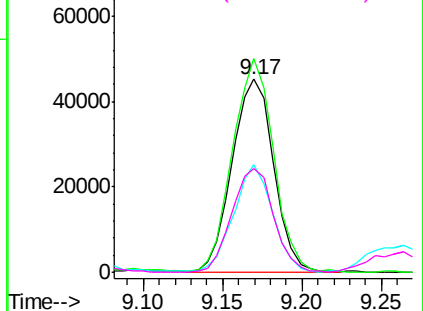
Abundance

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): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 42.755 ng

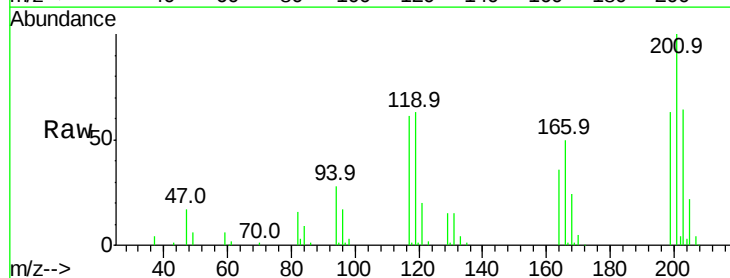
RT: 9.85 min Scan# 1117

Delta R.T. 0.01 min

Lab File: BG032348.D

Acq: 27 Jan 2018 9:52

Tgt Ion:	117	Resp:	41240
Ion	Ratio	Lower	Upper
117	100		
119	102.0	76.7	115.1
201	161.7	95.7	143.5#

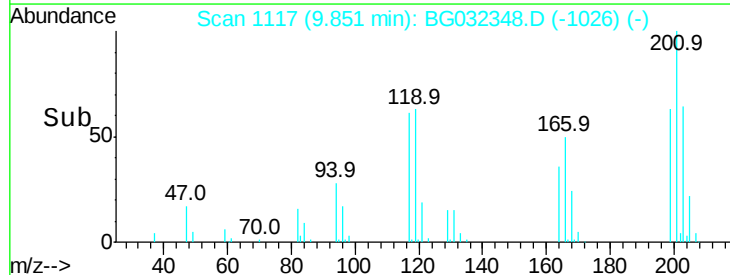
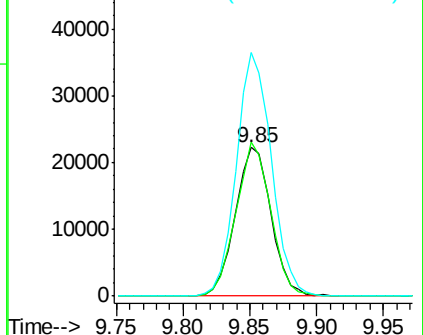


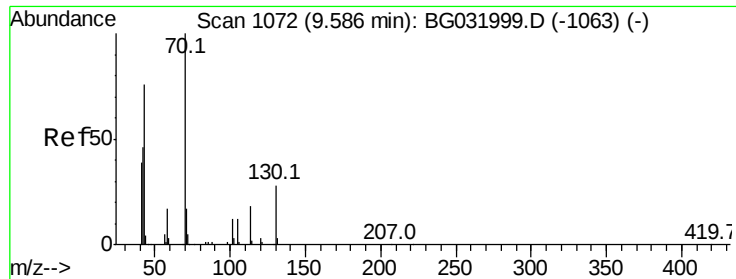
Abundance

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

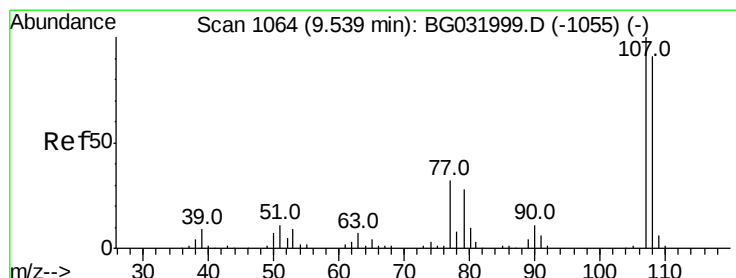
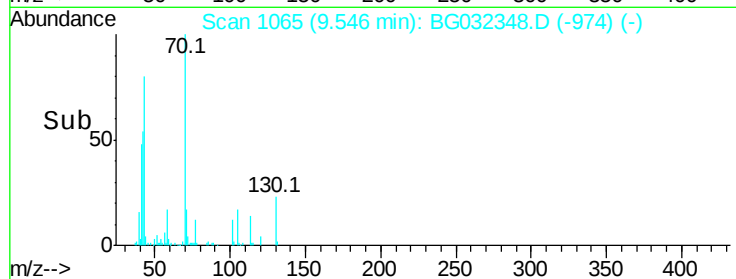
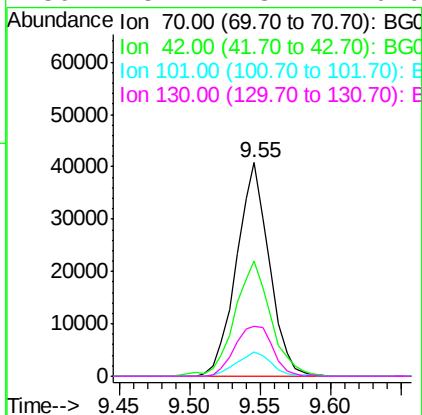
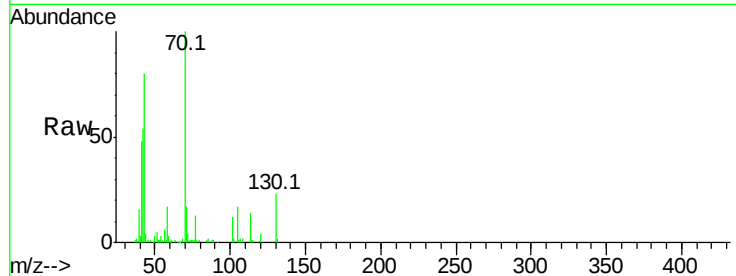




#19
n-Nitroso-di-n-propylamine
Concen: 39.730 ng
RT: 9.55 min Scan# 1065
Delta R.T. 0.01 min
Lab File: BG032348.D
Acq: 27 Jan 2018 9:52

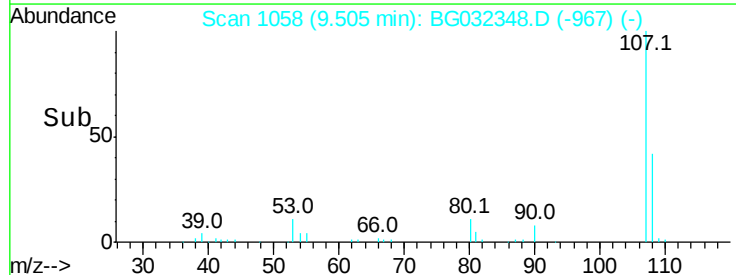
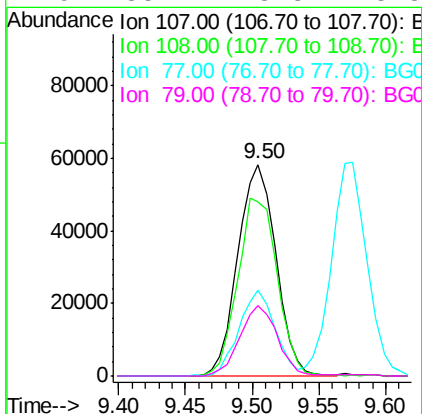
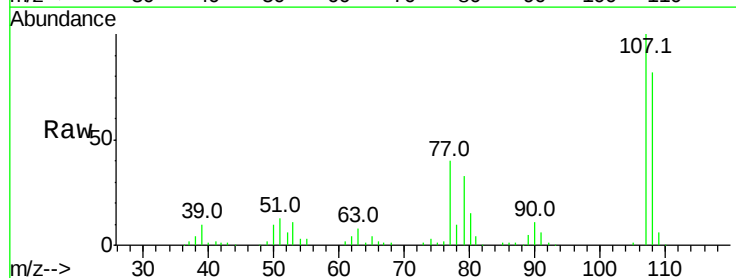
Instrument :
BNA_G
ClientSampleId :
PB105792BS

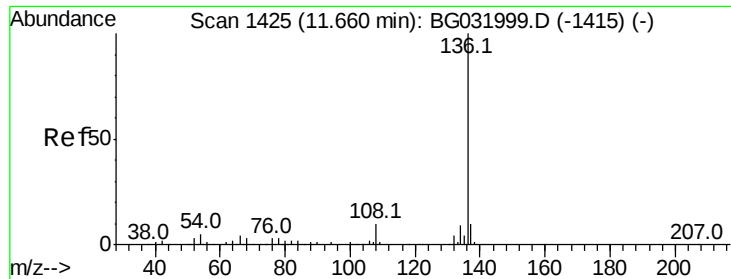
Tot Ion: 70 Resp: 66079
Ion Ratio Lower Upper
70 100
42 53.9 49.1 73.7
101 11.7 8.5 12.7
130 23.1 13.4 20.0#



#20
3+4-Methylphenols
Concen: 41.210 ng
RT: 9.50 min Scan# 1058
Delta R.T. 0.01 min
Lab File: BG032348.D
Acq: 27 Jan 2018 9:52

Tgt Ion: 107 Resp: 115205
Ion Ratio Lower Upper
107 100
108 82.2 61.6 101.6
77 40.5 13.9 53.9
79 33.2 8.8 48.8

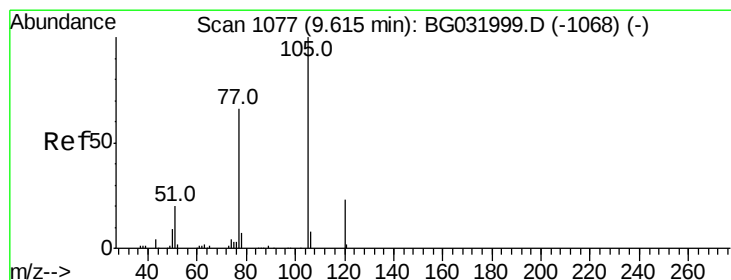
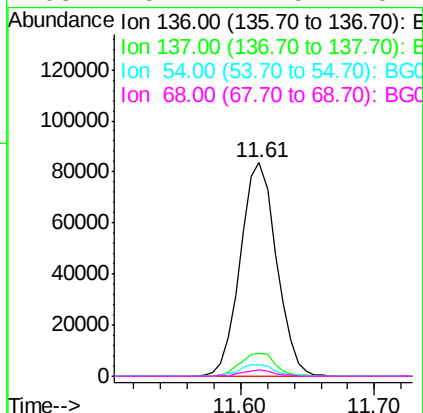
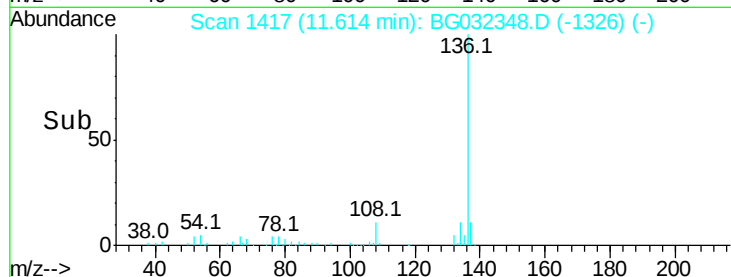
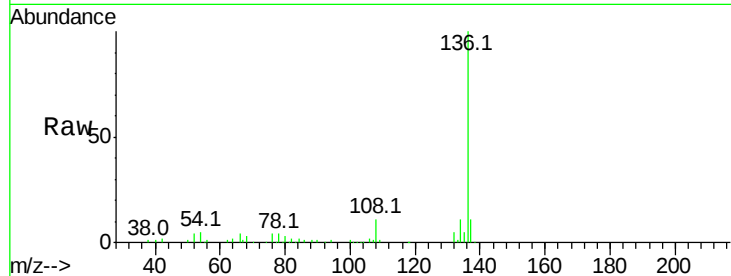




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.61 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BG032348.D
Acq: 27 Jan 2018 9:52

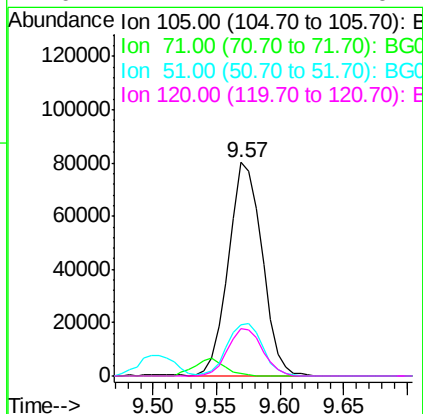
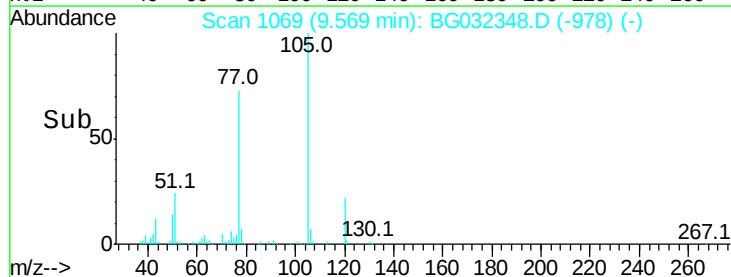
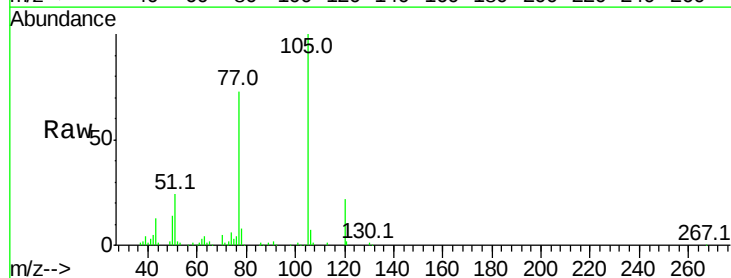
Instrument :
BNA_G
ClientSampleId :
PB105792BS

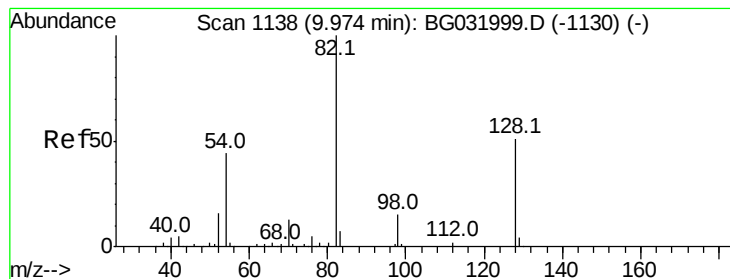
Tot Ion:	136	Resp:	156145
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	5.2	10.3	15.5#
68	3.1	4.5	6.7#



#22
Acetophenone
Concen: 41.665 ng
RT: 9.57 min Scan# 1069
Delta R.T. 0.01 min
Lab File: BG032348.D
Acq: 27 Jan 2018 9:52

Tgt Ion:	105	Resp:	147779
Ion	Ratio	Lower	Upper
105	100		
71	1.0	3.0	4.4#
51	24.2	26.1	39.1#
120	22.1	17.4	26.2





#23

Nitrobenzene-d5

Concen: 90.214 ng

RT: 9.93 min Scan# 1130

Delta R.T. 0.01 min

Lab File: BG032348.D

Acq: 27 Jan 2018 9:52

Instrument :

BNA_G

ClientSampleId :

PB105792BS

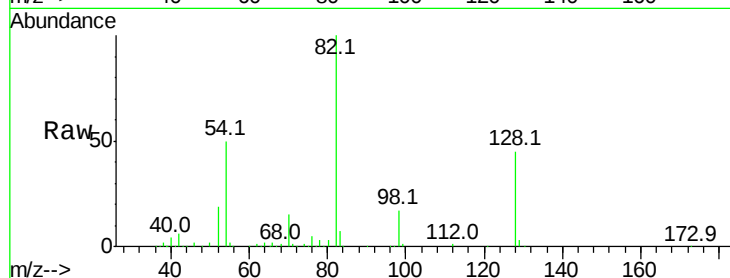
Tot Ion: 82 Resp: 208212

Ion Ratio Lower Upper

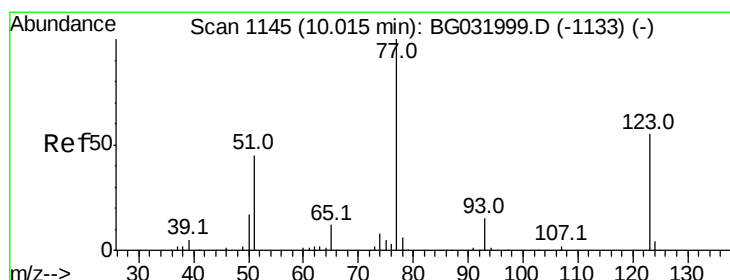
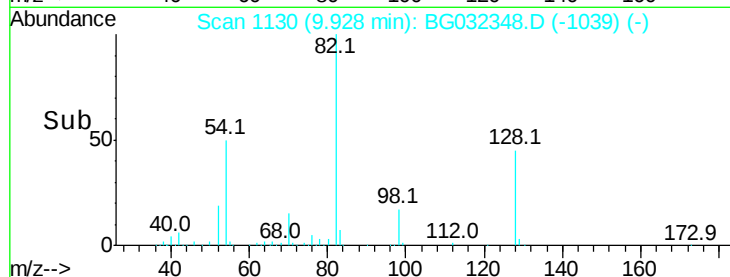
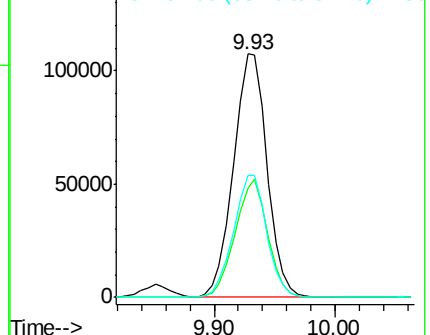
82 100

128 45.1 29.7 44.5#

54 50.1 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 44.569 ng

RT: 9.97 min Scan# 1138

Delta R.T. 0.01 min

Lab File: BG032348.D

Acq: 27 Jan 2018 9:52

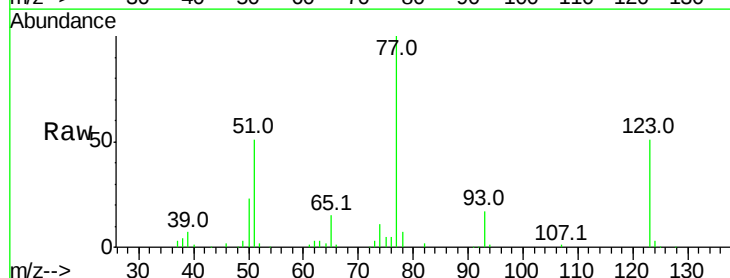
Tgt Ion: 77 Resp: 102605

Ion Ratio Lower Upper

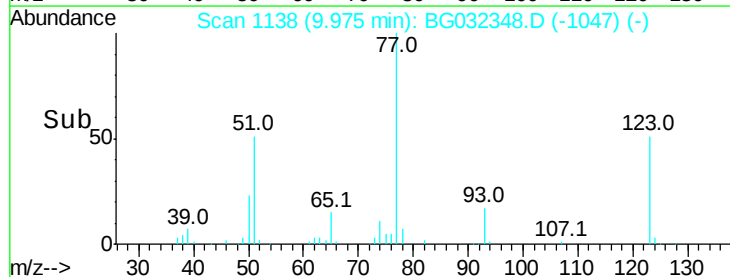
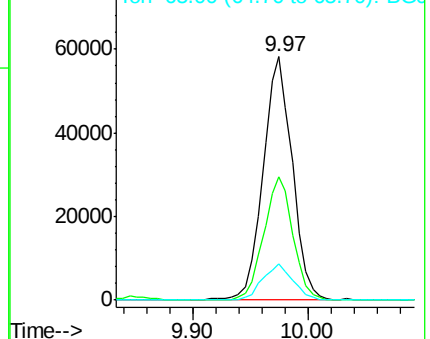
77 100

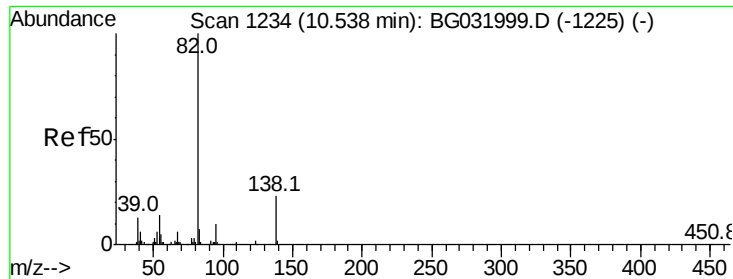
123 50.7 33.0 49.6#

65 14.6 13.0 19.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 42.046 ng

RT: 10.50 min Scan# 1227

Delta R.T. 0.01 min

Lab File: BG032348.D

Acq: 27 Jan 2018 9:52

Instrument :

BNA_G

ClientSampleId :

PB105792BS

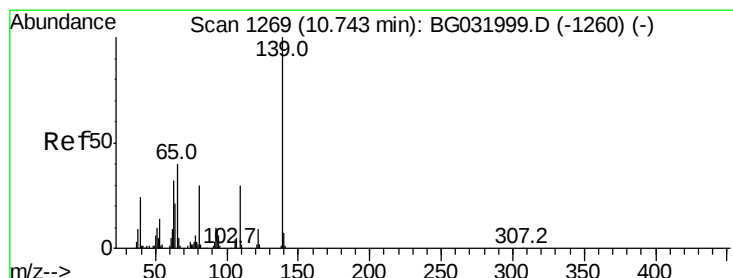
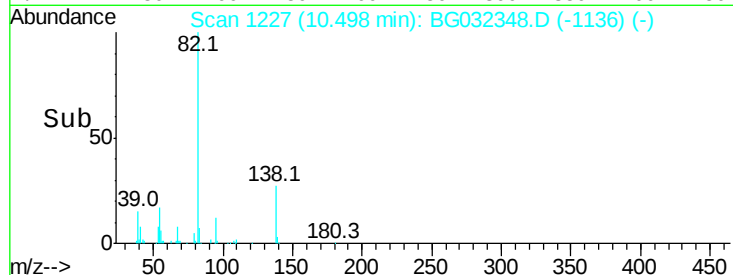
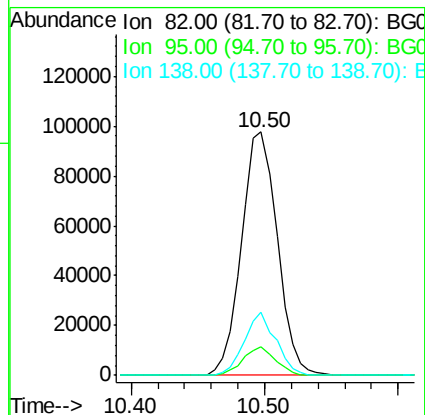
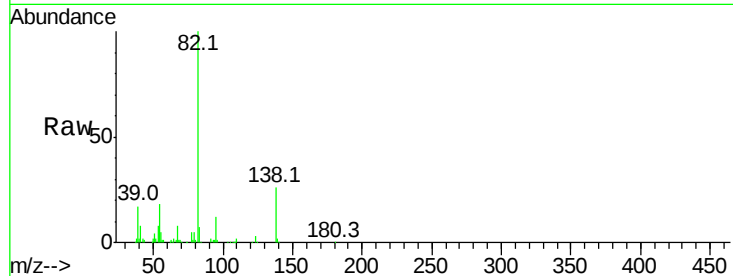
Tot Ion: 82 Resp: 180694

Ion Ratio Lower Upper

82 100

95 11.5 6.2 9.2#

138 25.8 12.1 18.1#



#26

2-Nitrophenol

Concen: 46.471 ng

RT: 10.70 min Scan# 1261

Delta R.T. 0.01 min

Lab File: BG032348.D

Acq: 27 Jan 2018 9:52

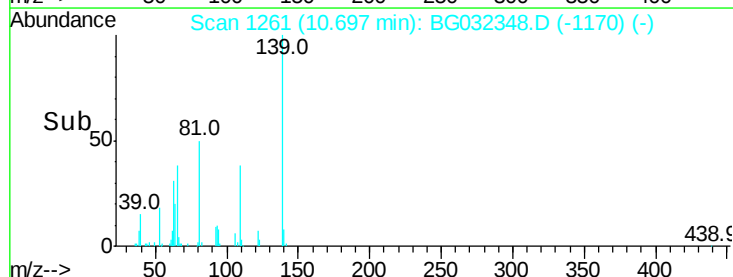
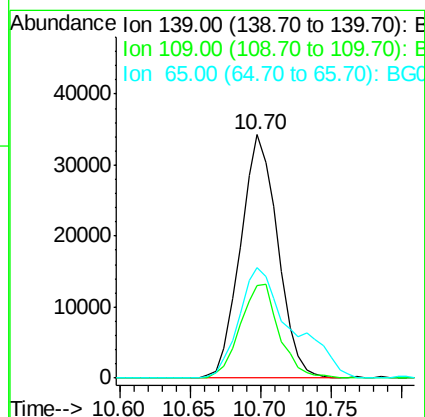
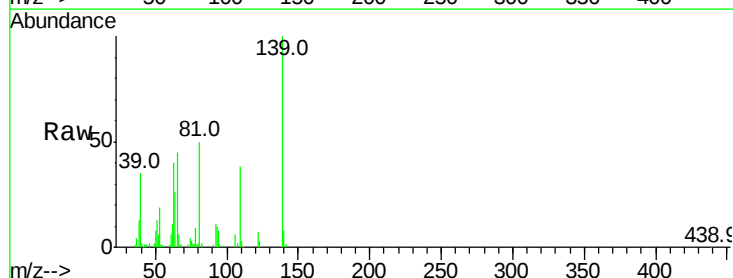
Tgt Ion: 139 Resp: 63392

Ion Ratio Lower Upper

139 100

109 38.2 24.2 36.2#

65 45.1 47.4 71.0#

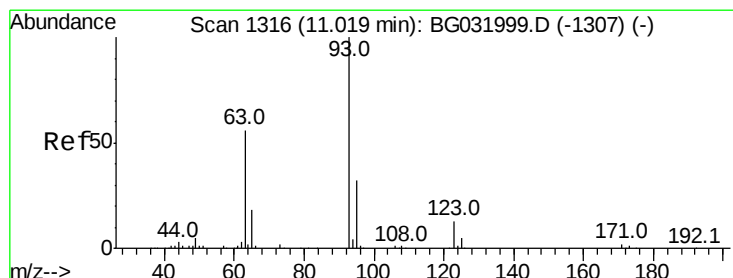
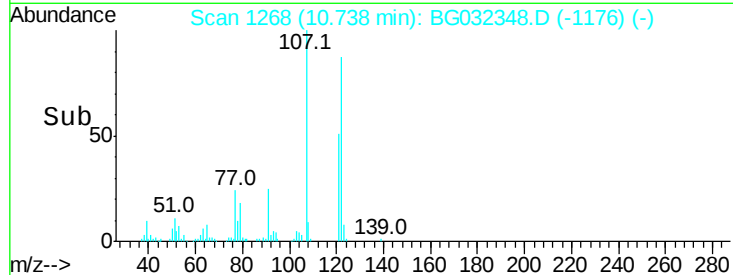
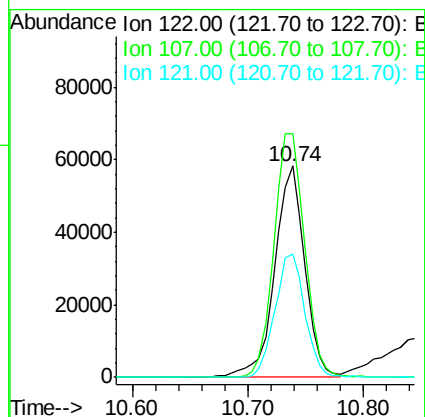
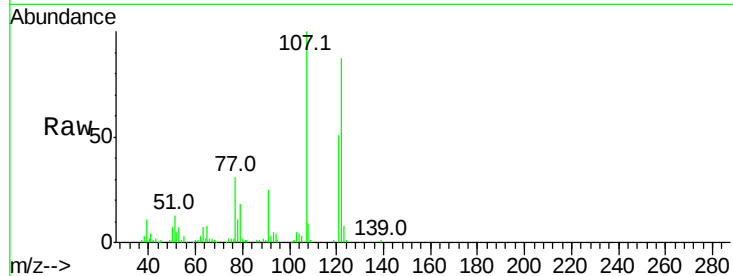




#27
2,4-Dimethylphenol
Concen: 48.776 ng
RT: 10.74 min Scan# 1268
Delta R.T. 0.01 min
Lab File: BG032348.D
Acq: 27 Jan 2018 9:52

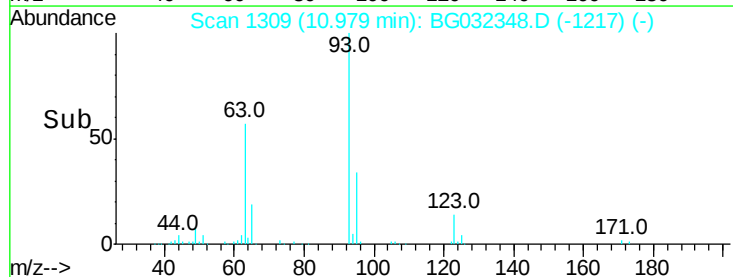
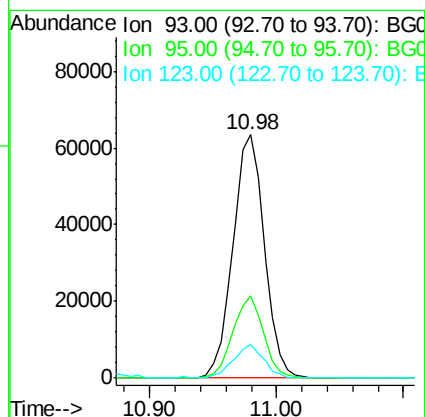
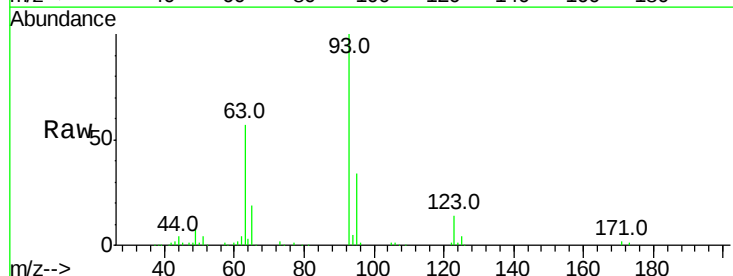
Instrument :
BNA_G
ClientSampleId :
PB105792BS

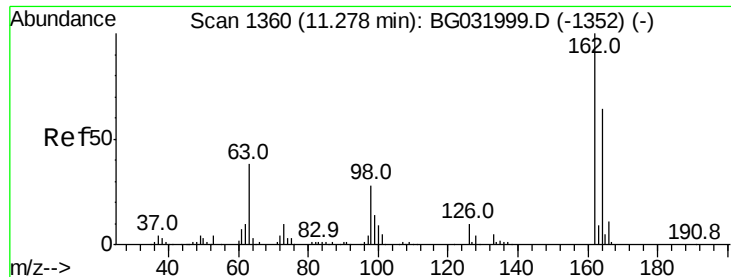
Tot Ion:122 Resp: 105586
Ion Ratio Lower Upper
122 100
107 115.3 100.2 150.2
121 58.2 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 41.887 ng
RT: 10.98 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BG032348.D
Acq: 27 Jan 2018 9:52

Tgt Ion: 93 Resp: 108456
Ion Ratio Lower Upper
93 100
95 34.0 24.3 36.5
123 13.9 8.4 12.6#

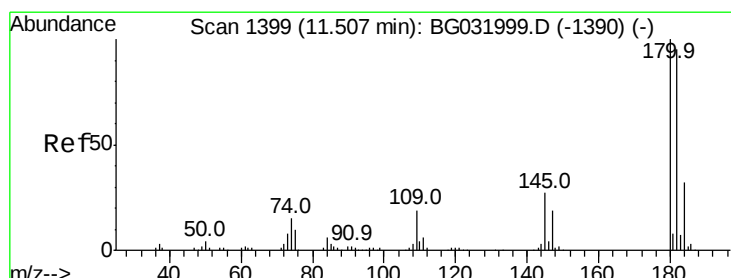
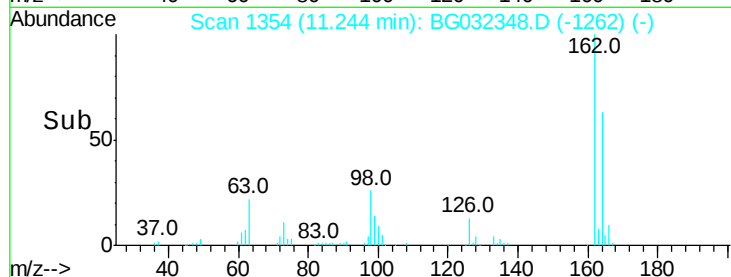
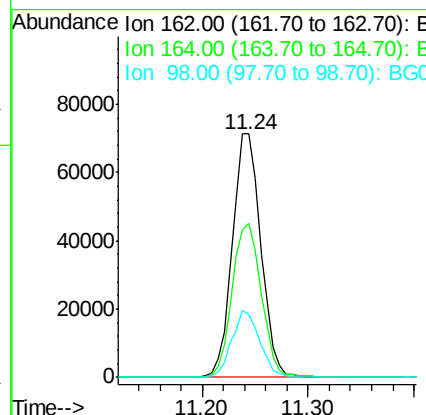
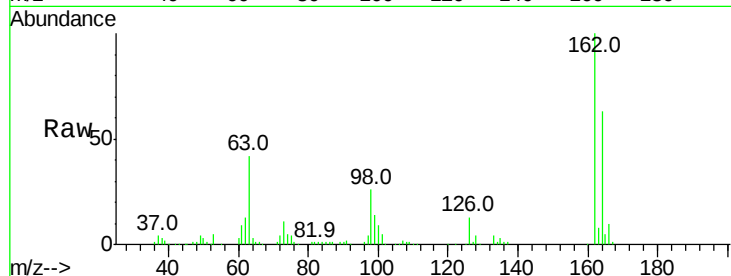




#29
 2,4-Dichlorophenol
 Concen: 49.631 ng
 RT: 11.24 min Scan# 1354
 Delta R.T. 0.01 min
 Lab File: BG032348.D
 Acq: 27 Jan 2018 9:52

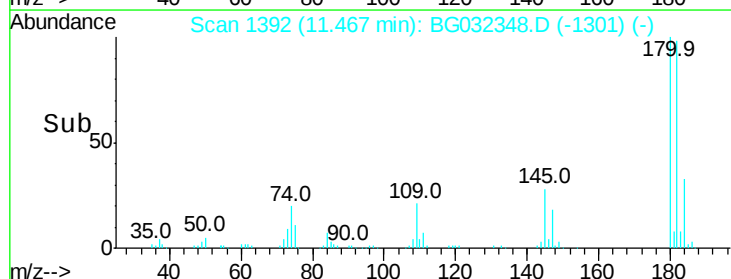
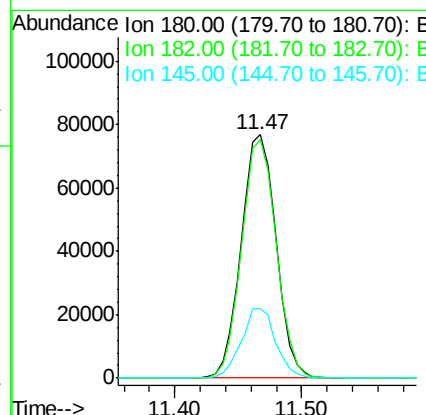
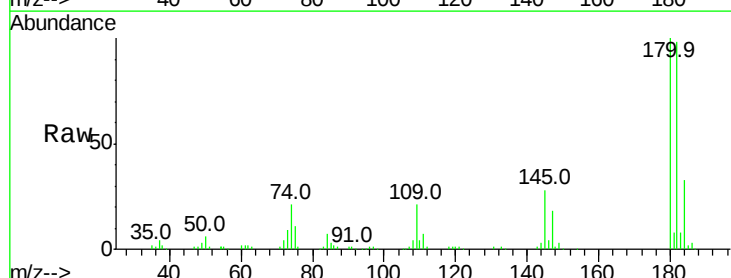
Instrument :
 BNA_G
 ClientSampleId :
 PB105792BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	48.0	88.0
98	26.0	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.670 ng
 RT: 11.47 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: BG032348.D
 Acq: 27 Jan 2018 9:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.0	77.5	116.3
145	28.5	23.4	35.2





#31

Naphthalene

Concen: 40.723 ng

RT: 11.67 min Scan# 1426

Delta R.T. 0.01 min

Lab File: BG032348.D

Acq: 27 Jan 2018 9:52

Instrument :

BNA_G

ClientSampleId :

PB105792BS

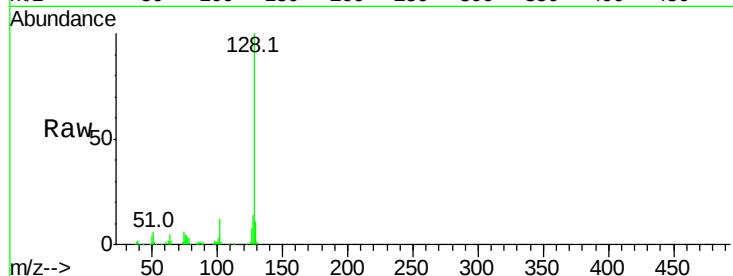
Tot Ion:128 Resp: 314998

Ion Ratio Lower Upper

128 100

129 10.5 8.6 12.8

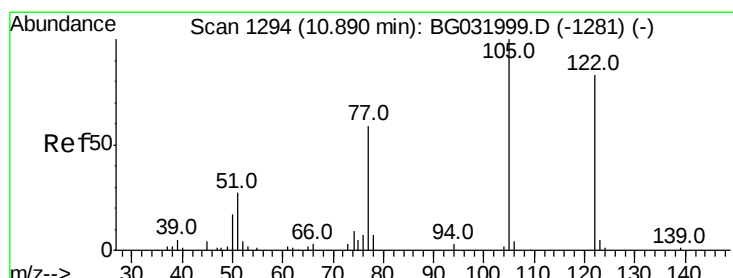
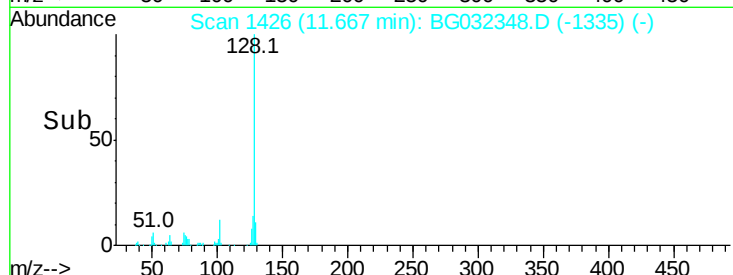
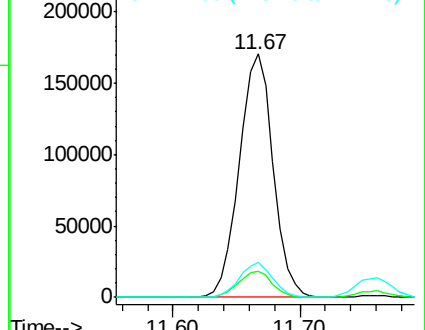
127 14.2 11.6 17.4



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: 35.151 ng

RT: 10.87 min Scan# 1291

Delta R.T. 0.02 min

Lab File: BG032348.D

Acq: 27 Jan 2018 9:52

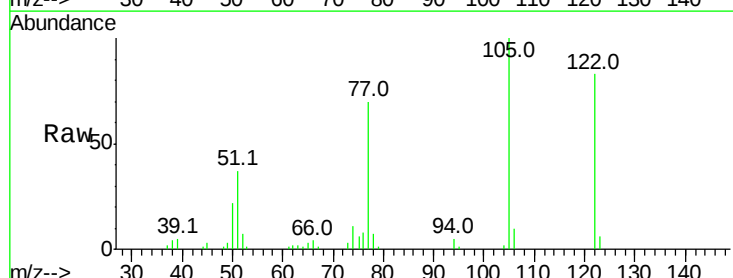
Tgt Ion:122 Resp: 58297

Ion Ratio Lower Upper

122 100

105 120.8 123.5 163.5#

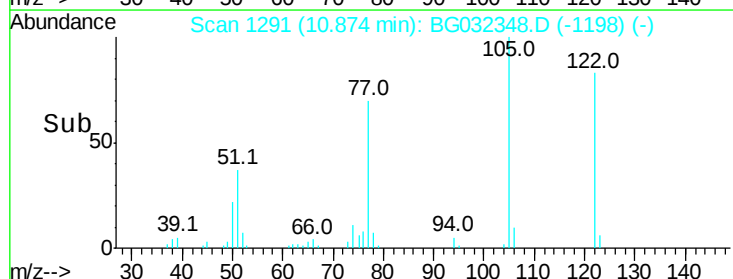
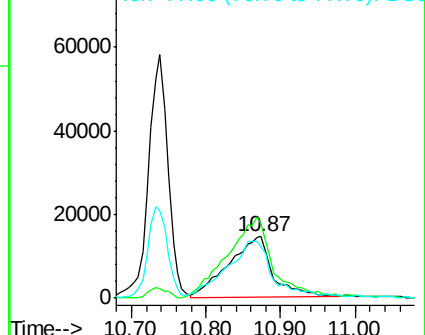
77 84.3 85.7 125.7#

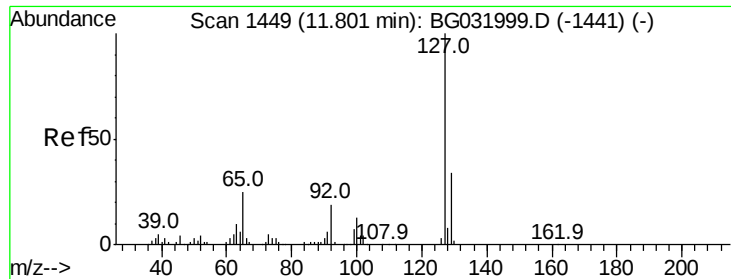


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

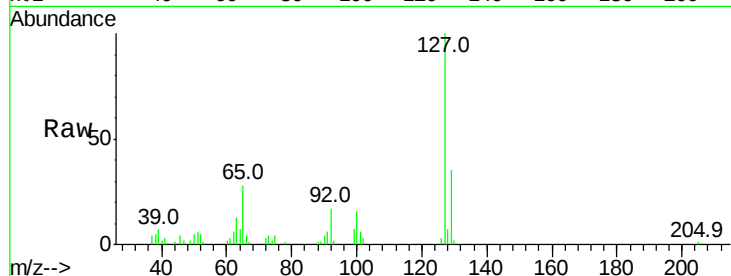




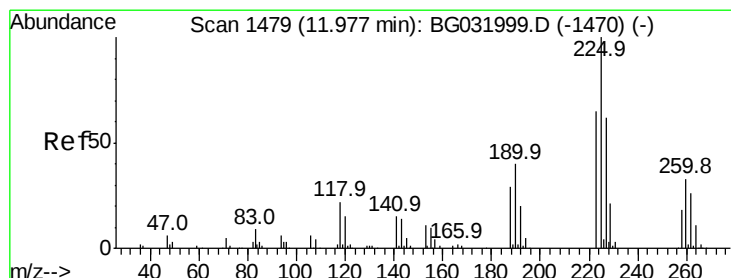
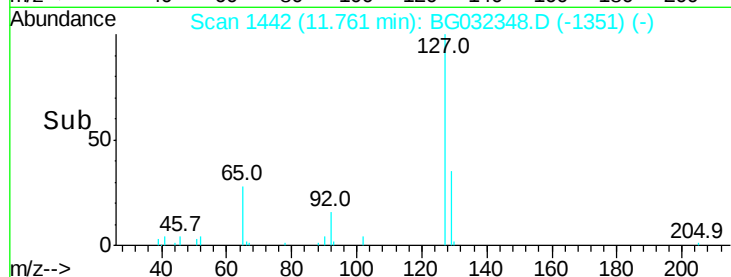
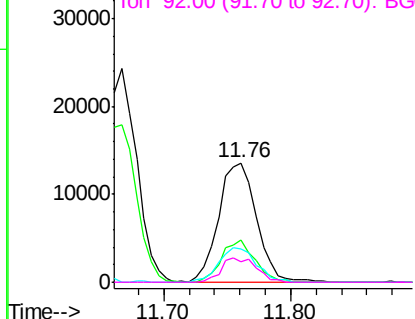
#33
4-Chloroaniline
Concen: 8.523 ng
RT: 11.76 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BG032348.D
Acq: 27 Jan 2018 9:52

Instrument :
BNA_G
ClientSampleId :
PB105792BS

Tot Ion:	127	Resp:	28269
Ion	Ratio	Lower	Upper
127	100		
129	35.1	24.0	36.0
65	28.3	27.0	40.4
92	17.5	16.6	25.0

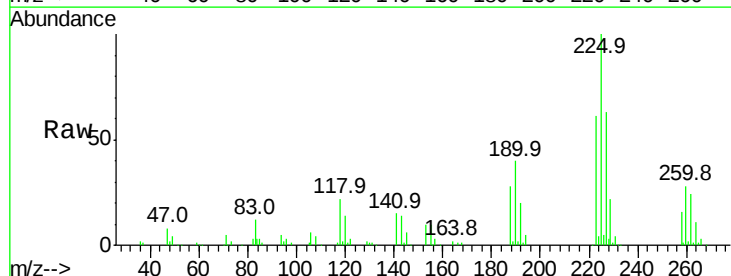


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

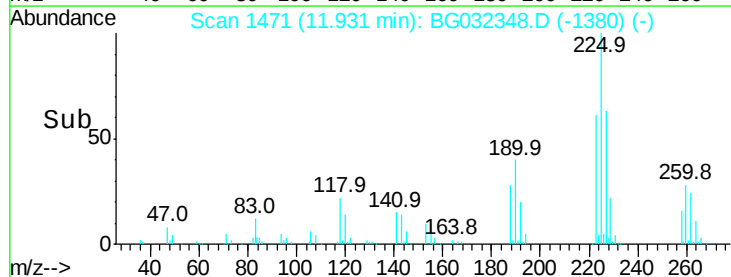
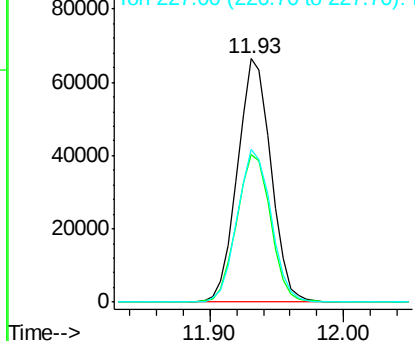


#34
Hexachlorobutadiene
Concen: 46.644 ng
RT: 11.93 min Scan# 1471
Delta R.T. 0.01 min
Lab File: BG032348.D
Acq: 27 Jan 2018 9:52

Tgt Ion:	225	Resp:	115245
Ion	Ratio	Lower	Upper
225	100		
223	60.8	49.7	74.5
227	62.7	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: 44.417 ng

RT: 12.52 min Scan# 1571

Delta R.T. 0.02 min

Lab File: BG032348.D

Acq: 27 Jan 2018 9:52

Instrument :

BNA_G

ClientSampleId :

PB105792BS

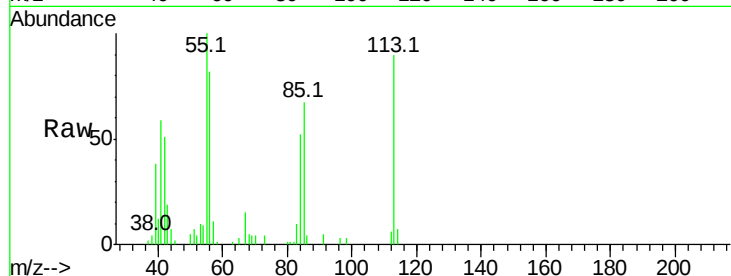
Tot Ion:113 Resp: 35892

Ion Ratio Lower Upper

113 100

55 110.8 186.9 226.9#

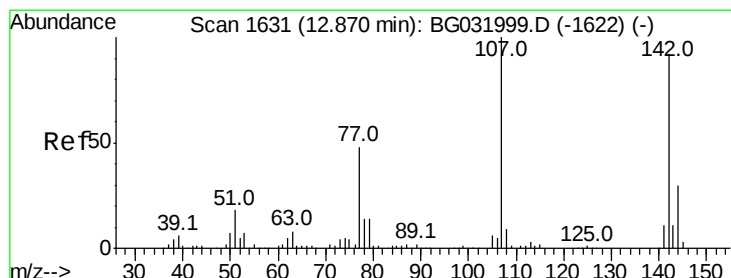
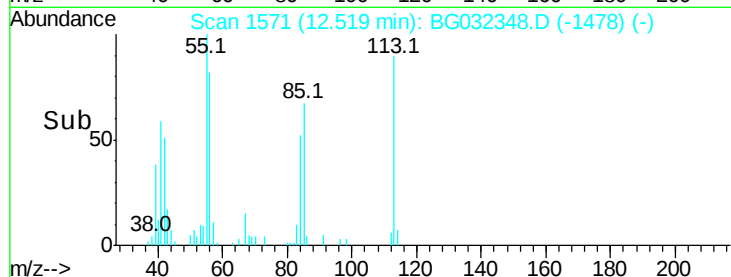
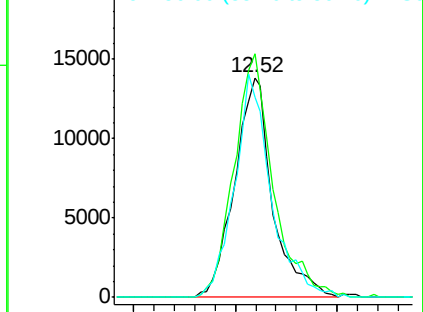
56 90.8 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 48.799 ng

RT: 12.84 min Scan# 1626

Delta R.T. 0.01 min

Lab File: BG032348.D

Acq: 27 Jan 2018 9:52

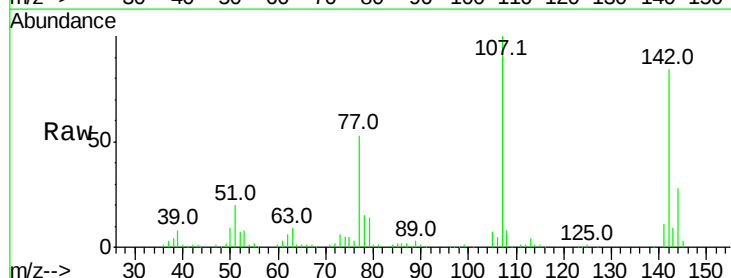
Tgt Ion:107 Resp: 118975

Ion Ratio Lower Upper

107 100

144 27.7 18.2 27.4#

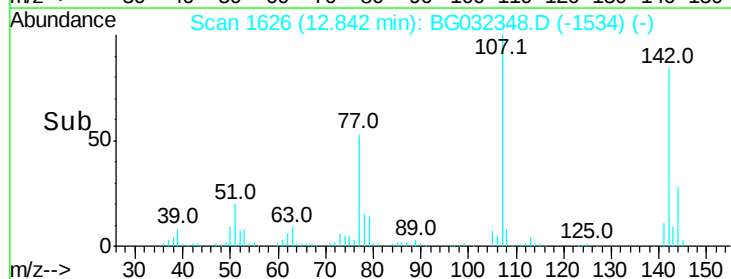
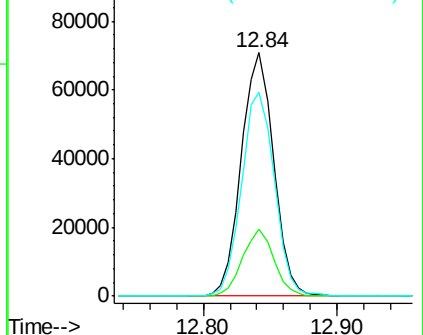
142 83.7 59.0 88.4

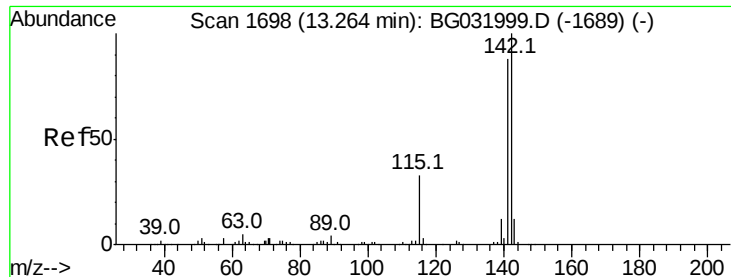


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

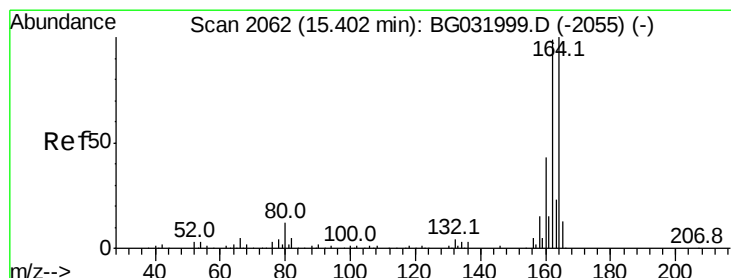
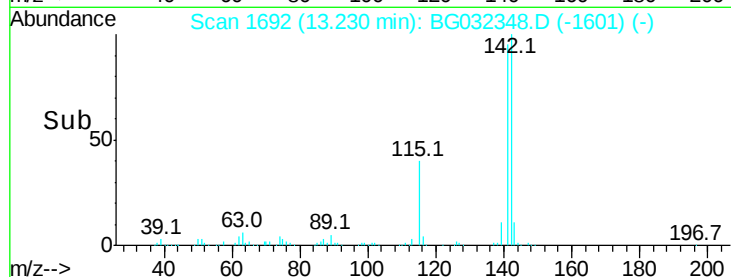
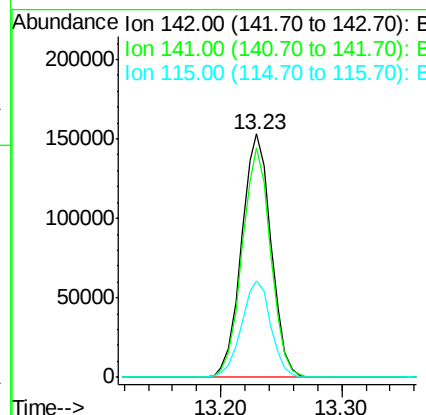
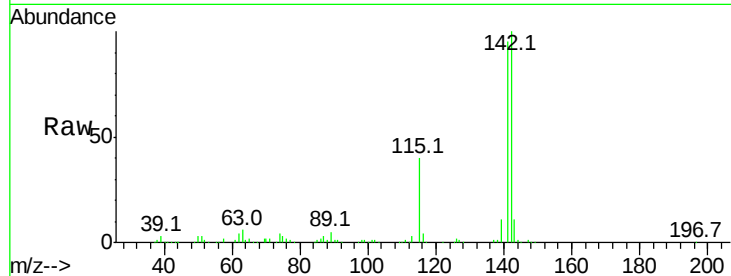




#37
2-Methylnaphthalene
Concen: 42.407 ng
RT: 13.23 min Scan# 1692
Delta R.T. 0.01 min
Lab File: BG032348.D
Acq: 27 Jan 2018 9:52

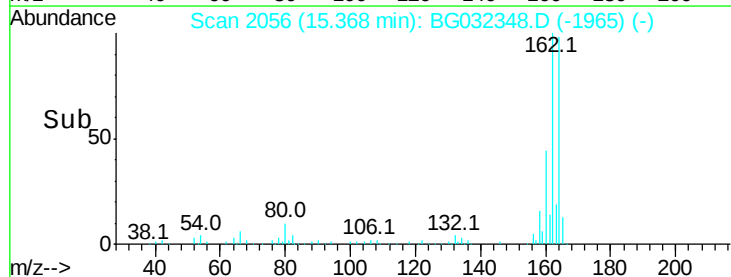
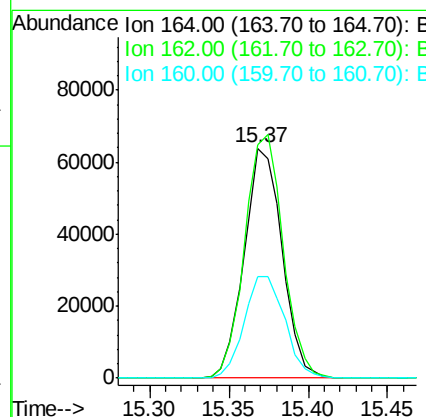
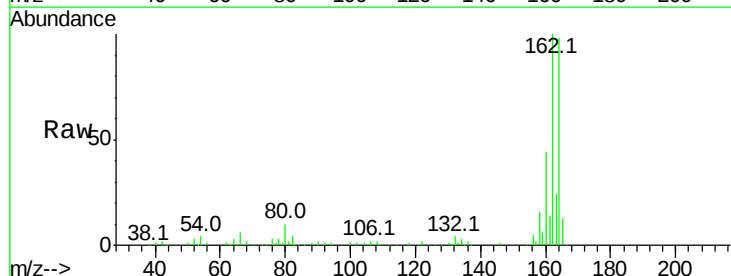
Instrument :
BNA_G
ClientSampleId :
PB105792BS

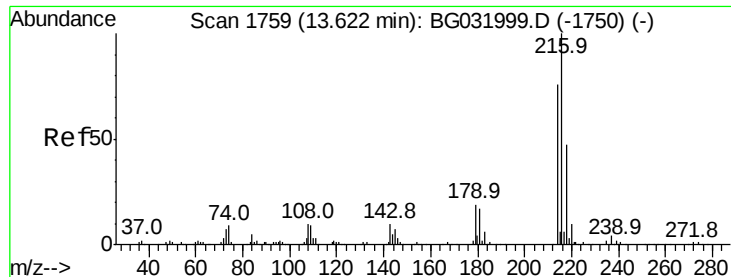
Tot Ion:142 Resp: 260422
Ion Ratio Lower Upper
142 100
141 94.5 67.1 100.7
115 39.7 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.37 min Scan# 2056
Delta R.T. 0.01 min
Lab File: BG032348.D
Acq: 27 Jan 2018 9:52

Tgt Ion:164 Resp: 105979
Ion Ratio Lower Upper
164 100
162 101.8 78.8 118.2
160 44.4 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.185 ng

RT: 13.59 min Scan# 1753

Delta R.T. 0.01 min

Lab File: BG032348.D

Acq: 27 Jan 2018 9:52

Instrument :

BNA_G

ClientSampleId :

PB105792BS

Tot Ion:216 Resp: 208736

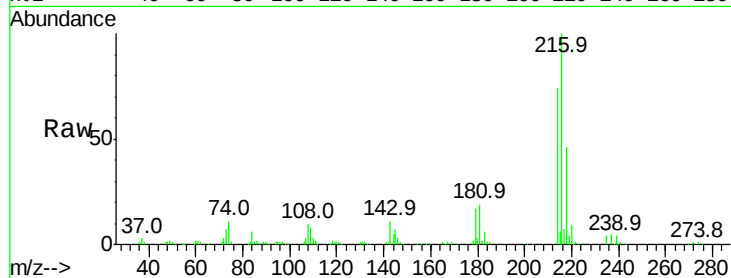
Ion Ratio Lower Upper

216 100

214 74.4 63.0 94.4

179 18.0 17.0 25.6

108 13.4 12.8 19.2

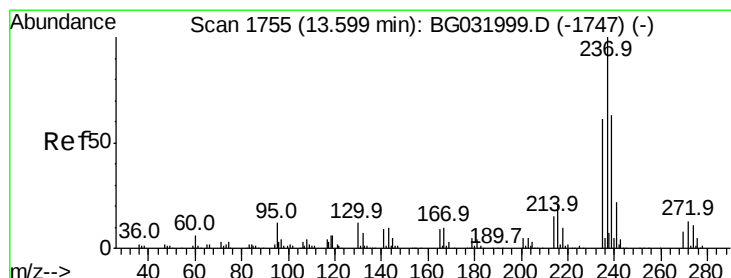
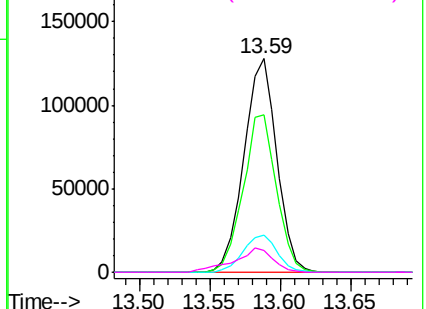
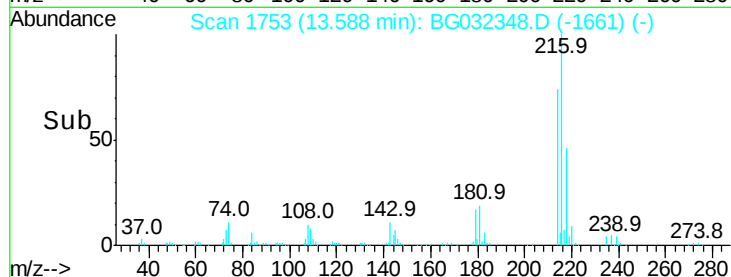


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 114.112 ng

RT: 13.56 min Scan# 1748

Delta R.T. 0.01 min

Lab File: BG032348.D

Acq: 27 Jan 2018 9:52

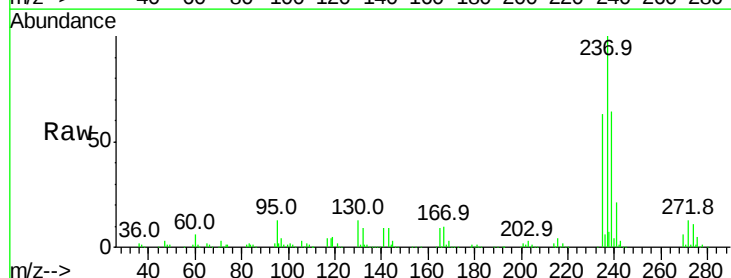
Tgt Ion:237 Resp: 296912

Ion Ratio Lower Upper

237 100

235 63.1 50.4 90.4

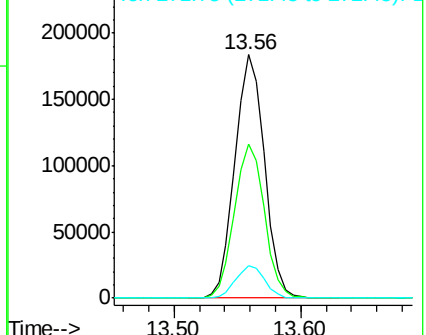
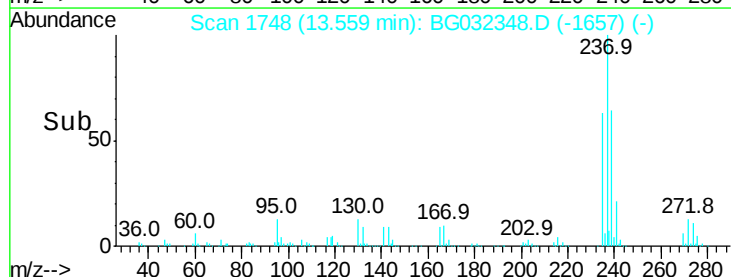
272 13.1 0.0 31.8

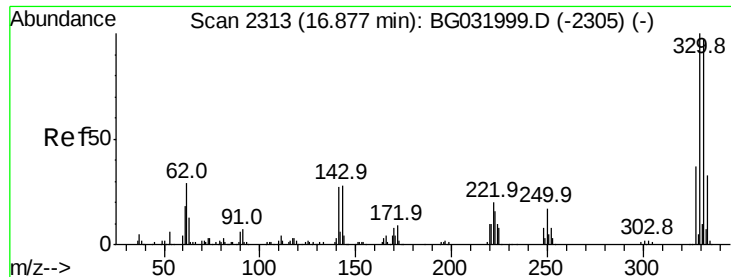


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

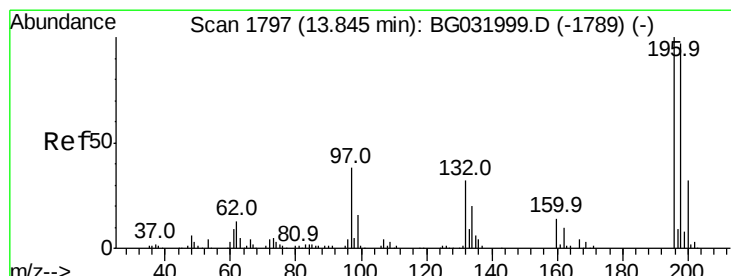
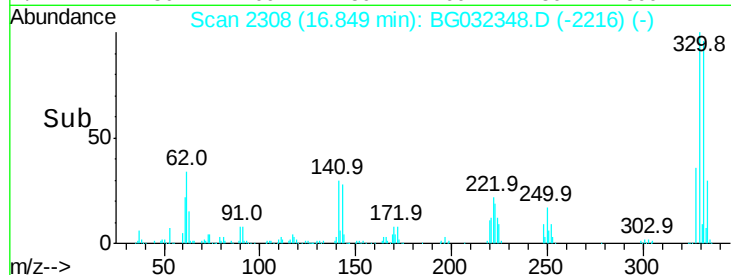
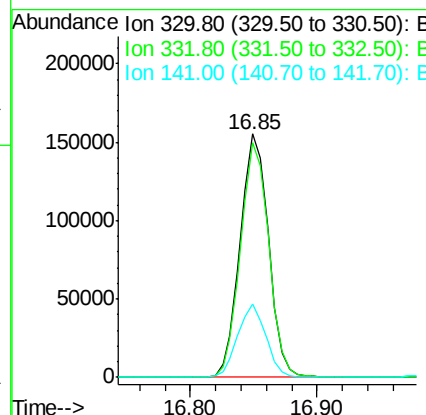
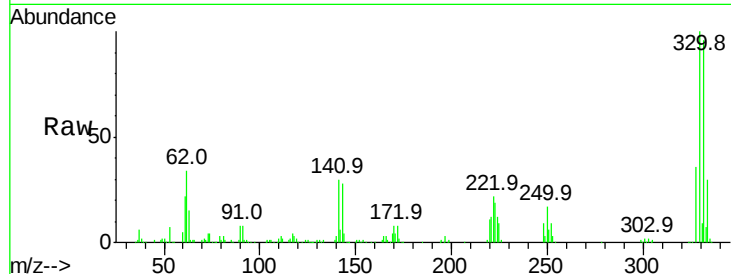




#41
 2,4,6-Tribromophenol
 Concen: 137.543 ng
 RT: 16.85 min Scan# 2308
 Delta R.T. 0.01 min
 Lab File: BG032348.D
 Acq: 27 Jan 2018 9:52

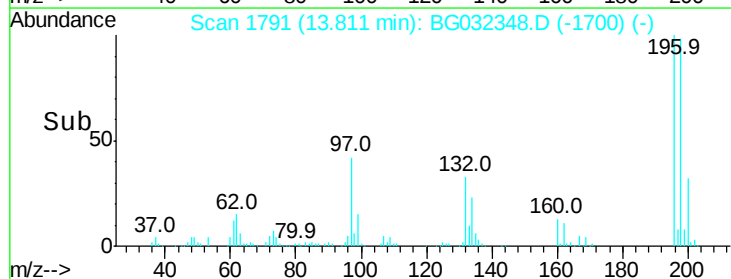
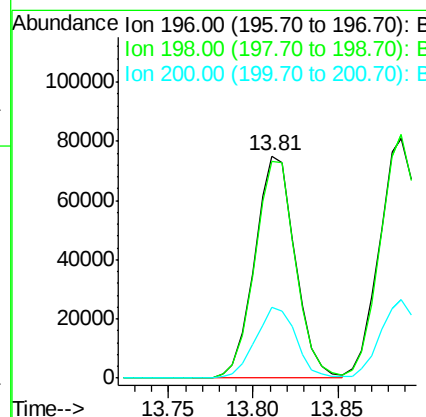
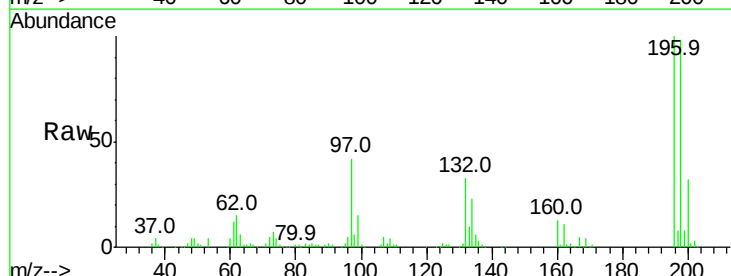
Instrument :
 BNA_G
 ClientSampleId :
 PB105792BS

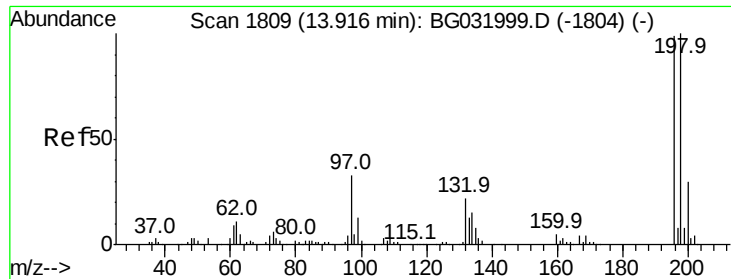
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	29.6	25.2	37.8



#42
 2,4,6-Trichlorophenol
 Concen: 47.986 ng
 RT: 13.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: BG032348.D
 Acq: 27 Jan 2018 9:52

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.6	78.2	117.2
200	32.0	24.6	36.8

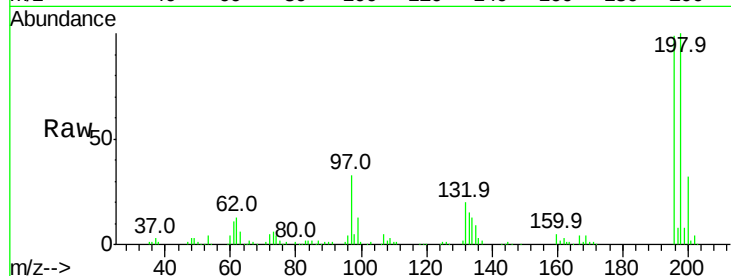




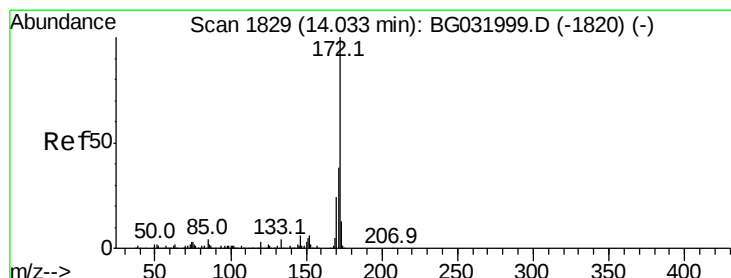
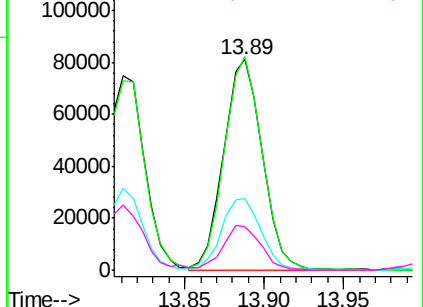
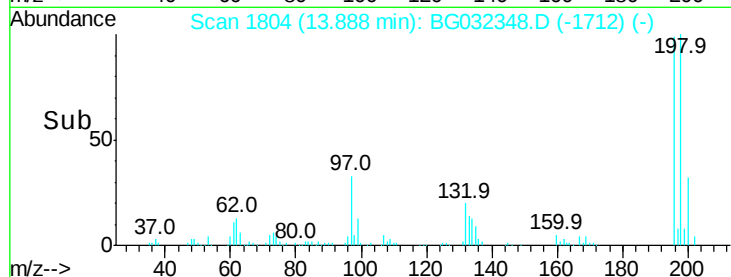
#43
 2,4,5-Trichlorophenol
 Concen: 45.373 ng
 RT: 13.89 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: BG032348.D
 Acq: 27 Jan 2018 9:52

Instrument :
 BNA_G
 ClientSampleId :
 PB105792BS

Tot Ion:196 Resp: 136322
 Ion Ratio Lower Upper
 196 100
 198 101.4 76.2 114.4
 97 33.8 38.7 58.1#
 132 20.6 20.2 30.2

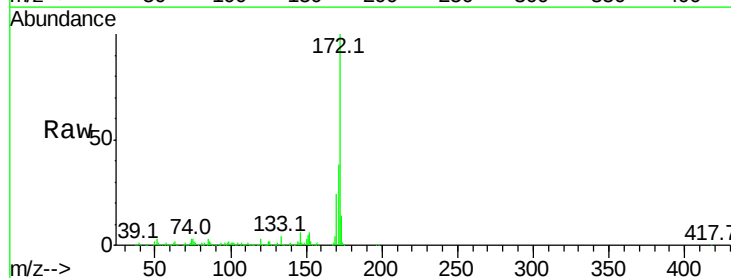


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

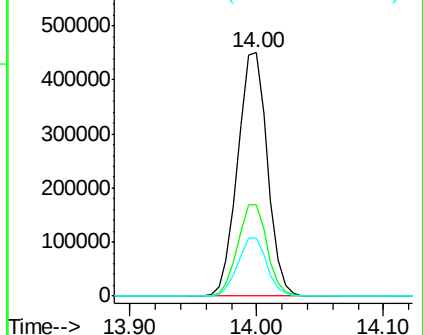
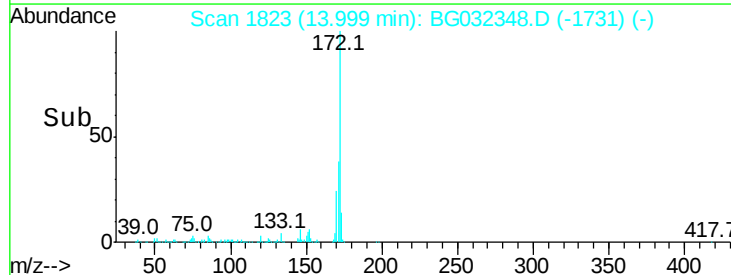


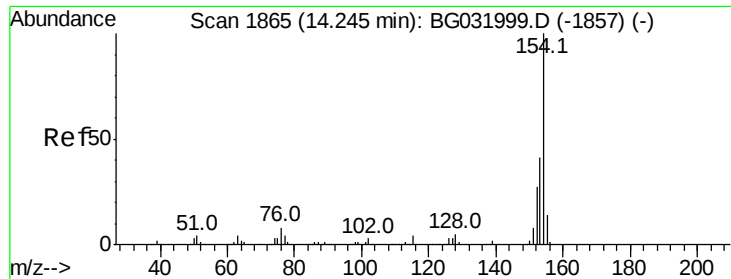
#44
 2-Fluorobiphenyl
 Concen: 85.552 ng
 RT: 14.00 min Scan# 1823
 Delta R.T. 0.01 min
 Lab File: BG032348.D
 Acq: 27 Jan 2018 9:52

Tgt Ion:172 Resp: 731212
 Ion Ratio Lower Upper
 172 100
 171 37.6 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: 41.066 ng

RT: 14.21 min Scan# 1858

Delta R.T. 0.01 min

Lab File: BG032348.D

Acq: 27 Jan 2018 9:52

Instrument :

BNA_G

ClientSampleId :

PB105792BS

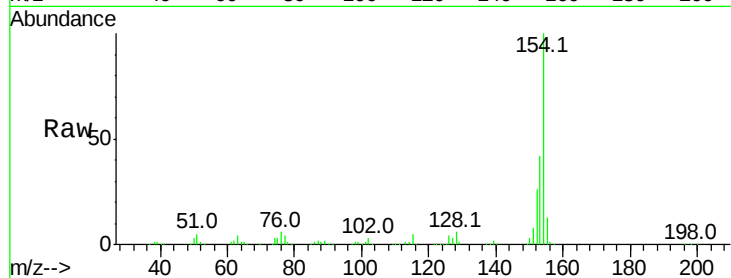
Tot Ion:154 Resp: 373101

Ion Ratio Lower Upper

154 100

153 41.6 19.8 59.8

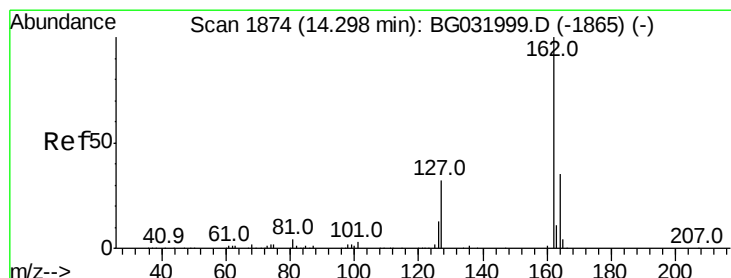
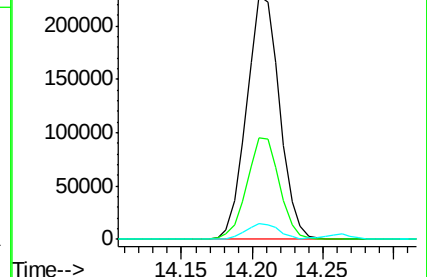
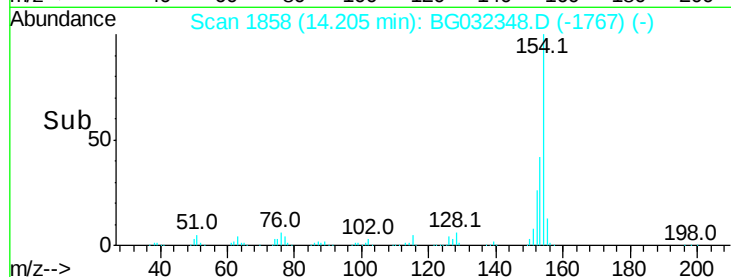
76 6.4 0.0 31.9



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: 40.748 ng

RT: 14.26 min Scan# 1868

Delta R.T. 0.01 min

Lab File: BG032348.D

Acq: 27 Jan 2018 9:52

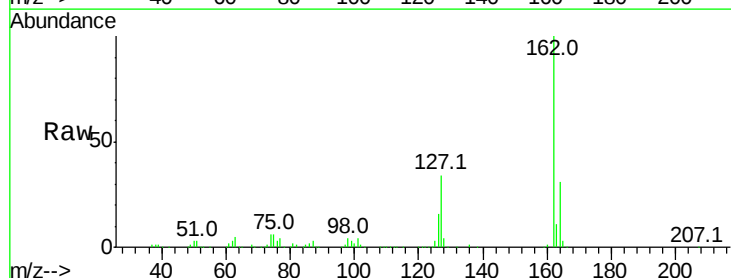
Tgt Ion:162 Resp: 288000

Ion Ratio Lower Upper

162 100

127 34.4 30.7 46.1

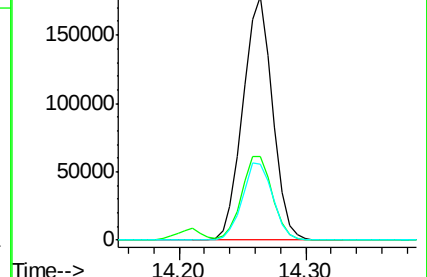
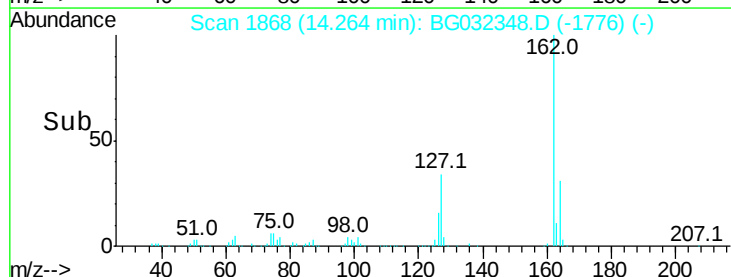
164 31.2 26.0 39.0

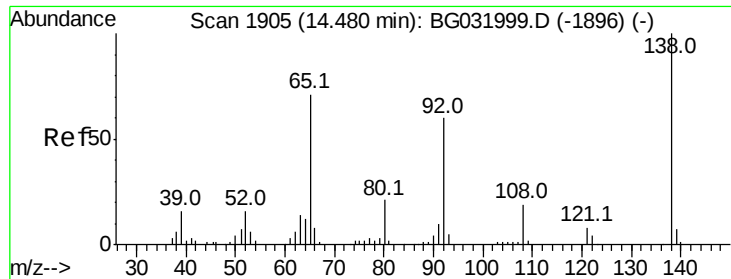


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

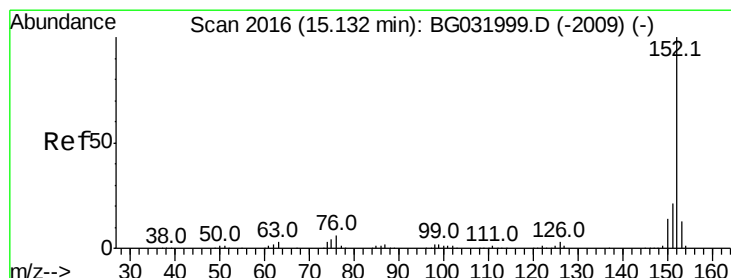
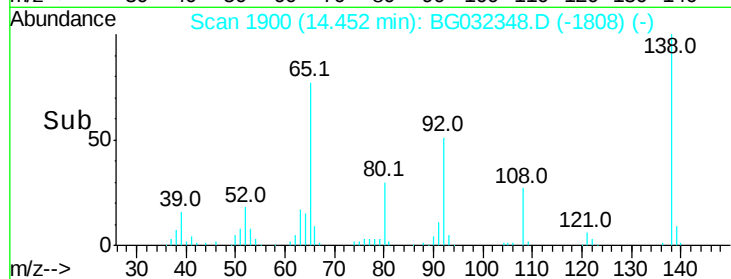
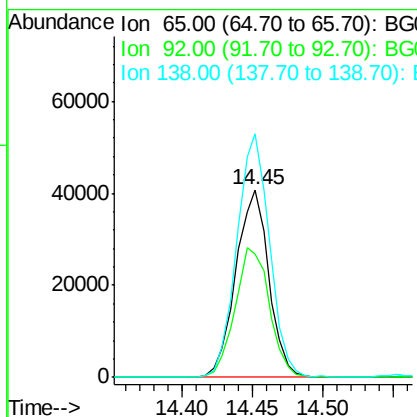
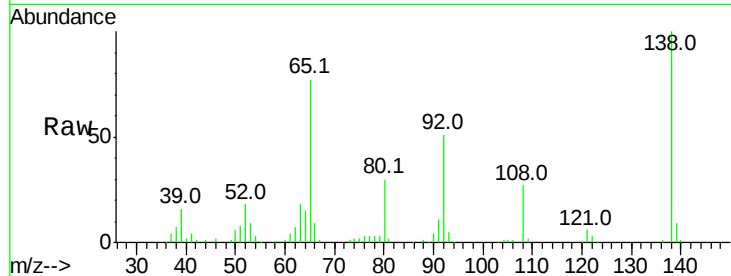




#47
 2-Nitroaniline
 Concen: 48.957 ng
 RT: 14.45 min Scan# 1900
 Delta R.T. 0.01 min
 Lab File: BG032348.D
 Acq: 27 Jan 2018 9:52

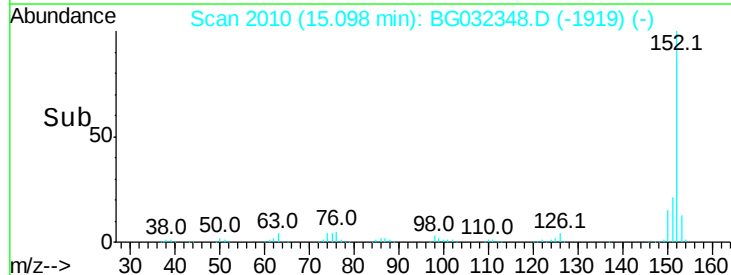
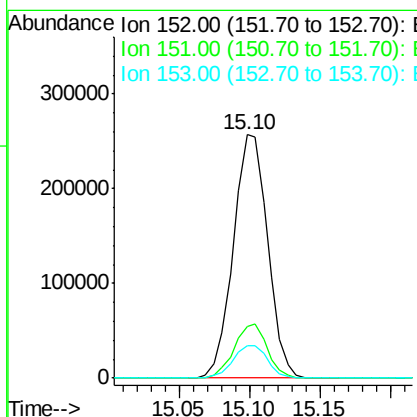
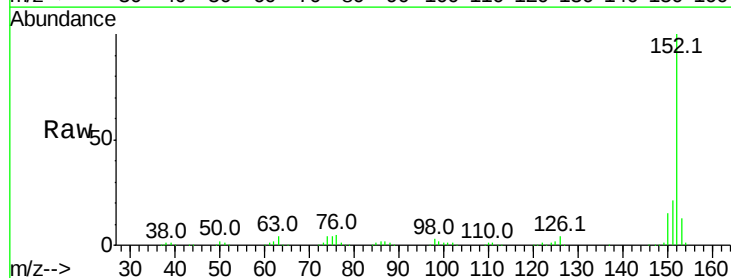
Instrument :
 BNA_G
 ClientSampleId :
 PB105792BS

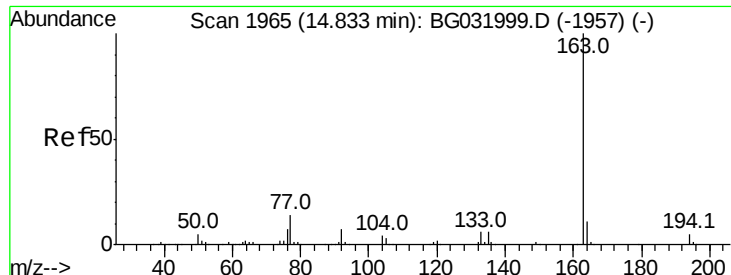
Tot Ion: 65 Resp: 66241
 Ion Ratio Lower Upper
 65 100
 92 65.9 54.6 82.0
 138 130.0 72.9 109.3#



#48
 Acenaphthylene
 Concen: 40.480 ng
 RT: 15.10 min Scan# 2010
 Delta R.T. 0.01 min
 Lab File: BG032348.D
 Acq: 27 Jan 2018 9:52

Tgt Ion:152 Resp: 435685
 Ion Ratio Lower Upper
 152 100
 151 21.0 17.2 25.8
 153 13.3 10.2 15.4





#49

Dimethylphthalate

Concen: 42.054 ng

RT: 14.80 min Scan# 1959

Delta R.T. 0.01 min

Lab File: BG032348.D

Acq: 27 Jan 2018 9:52

Instrument :

BNA_G

ClientSampleId :

PB105792BS

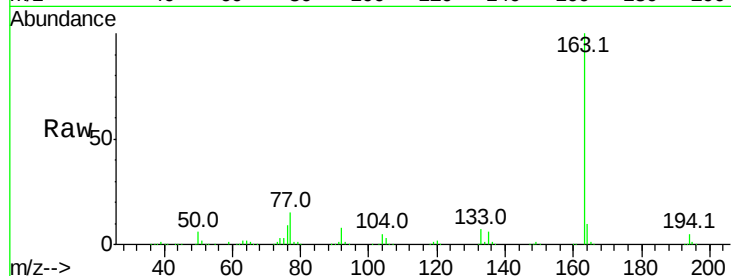
Tot Ion:163 Resp: 390010

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

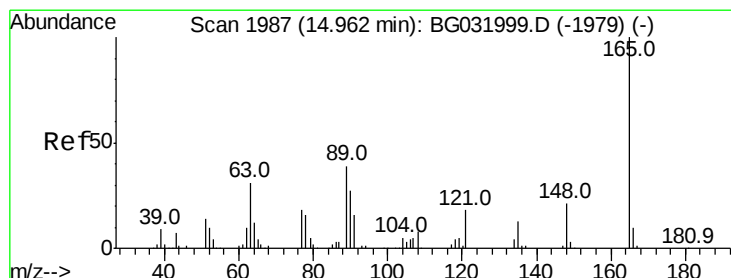
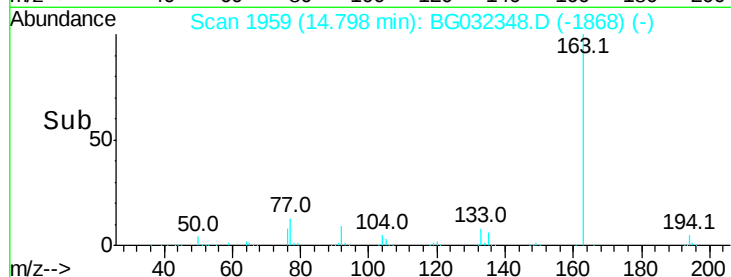
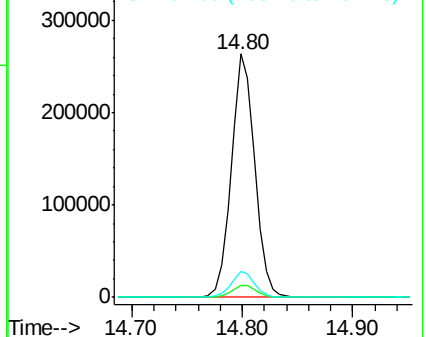
164 10.5 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.823 ng

RT: 14.93 min Scan# 1981

Delta R.T. 0.01 min

Lab File: BG032348.D

Acq: 27 Jan 2018 9:52

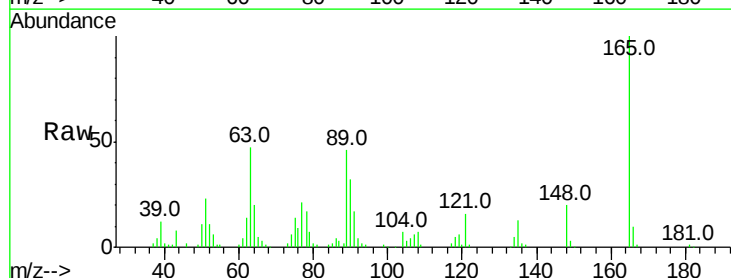
Tgt Ion:165 Resp: 86283

Ion Ratio Lower Upper

165 100

63 46.8 52.7 79.1#

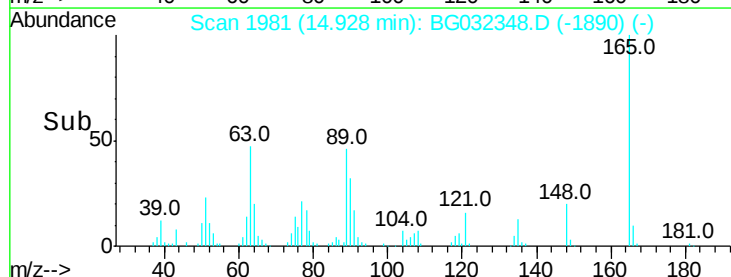
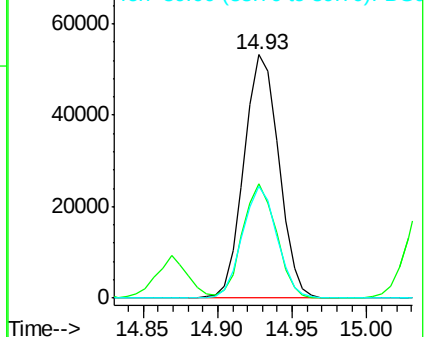
89 46.0 49.2 73.8#

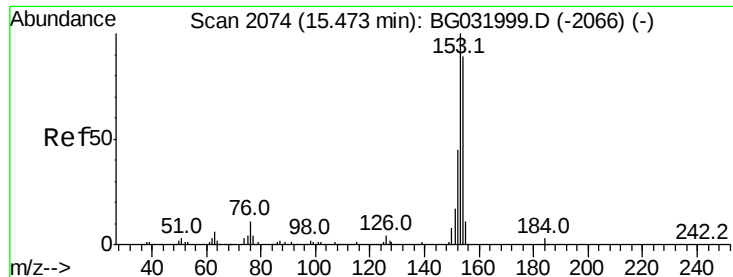


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 48.188 ng

RT: 15.43 min Scan# 2067

Delta R.T. 0.01 min

Lab File: BG032348.D

Acq: 27 Jan 2018 9:52

Instrument :

BNA_G

ClientSampleId :

PB105792BS

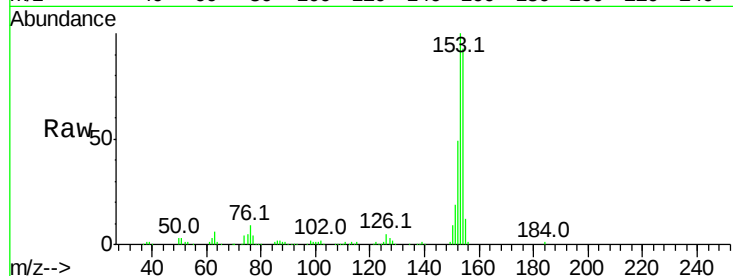
Tot Ion:154 Resp: 342948

Ion Ratio Lower Upper

154 100

153 107.3 90.4 135.6

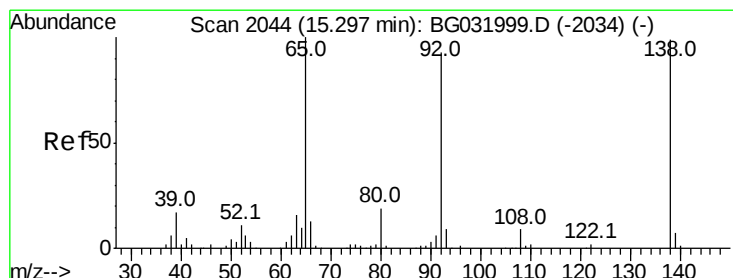
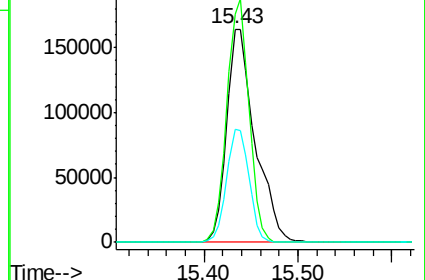
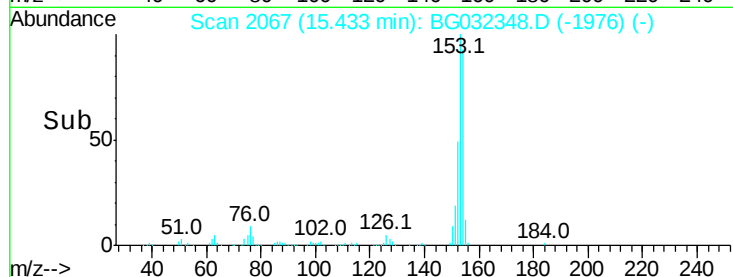
152 53.1 41.6 62.4



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: 12.370 ng

RT: 15.26 min Scan# 2037

Delta R.T. 0.01 min

Lab File: BG032348.D

Acq: 27 Jan 2018 9:52

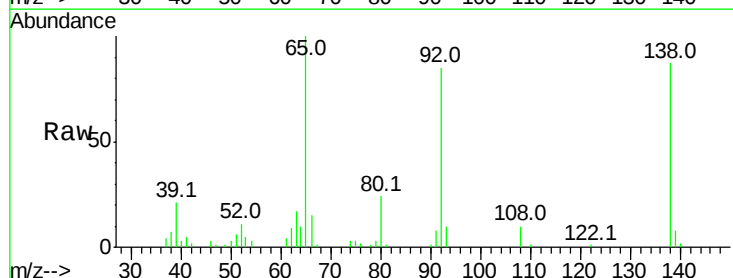
Tgt Ion:138 Resp: 21507

Ion Ratio Lower Upper

138 100

108 11.3 17.5 26.3#

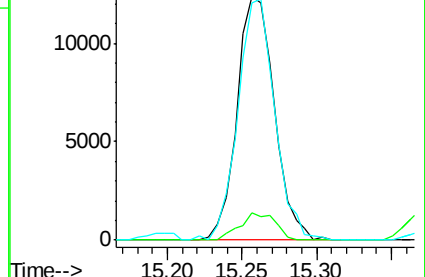
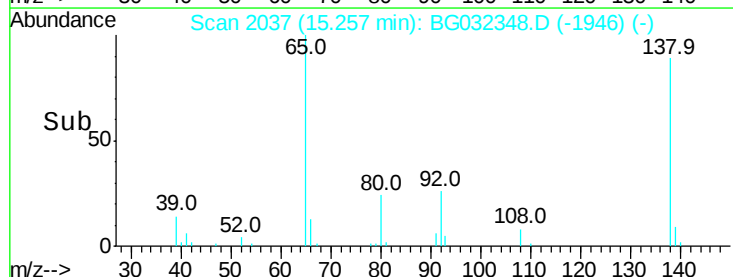
92 97.5 105.8 158.8#

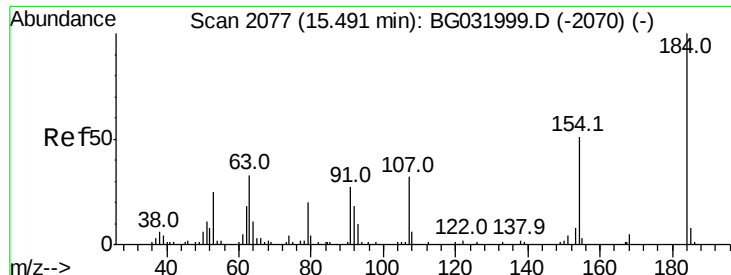


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

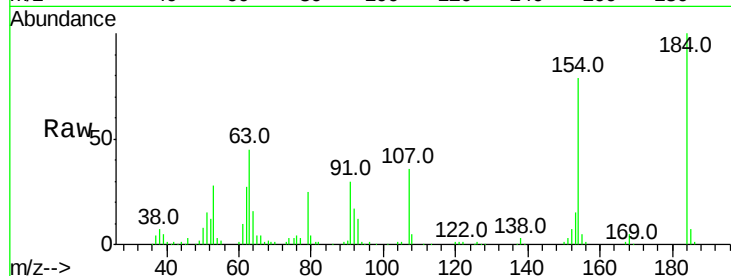




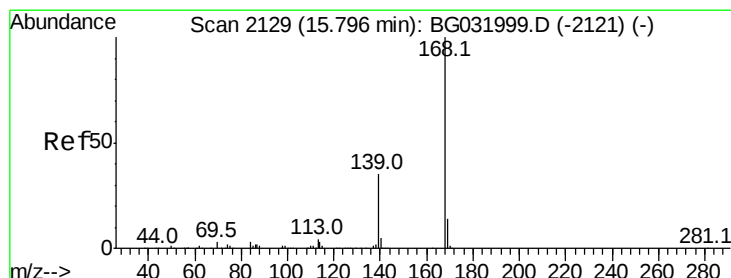
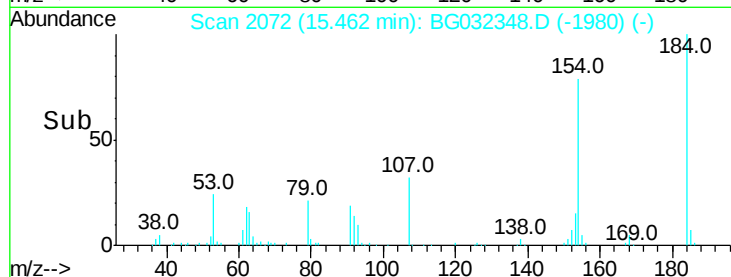
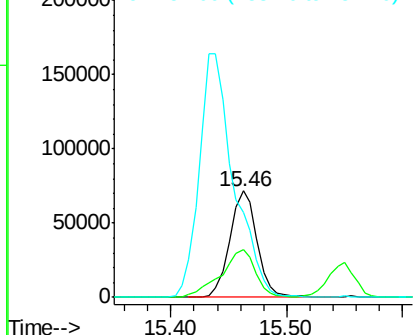
#53
 2,4-Dinitrophenol
 Concen: 118.302 ng
 RT: 15.46 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: BG032348.D
 Acq: 27 Jan 2018 9:52

Instrument :
 BNA_G
 ClientSampleId :
 PB105792BS

Tot Ion:184 Resp: 117763
 Ion Ratio Lower Upper
 184 100
 63 45.0 59.8 89.8#
 154 79.3 101.8 152.8#

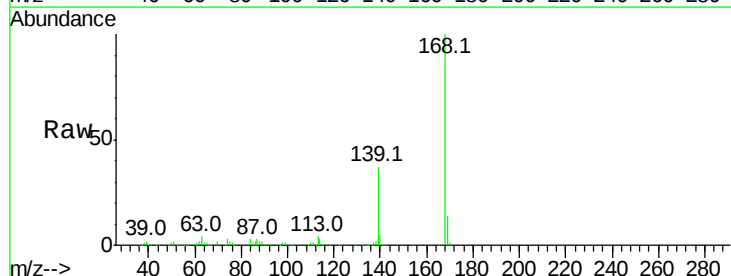


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

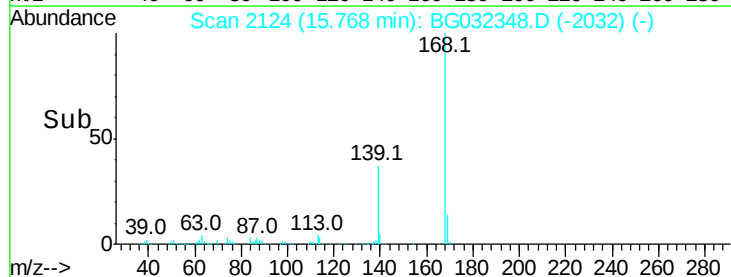
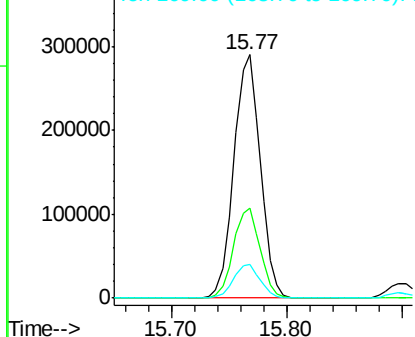


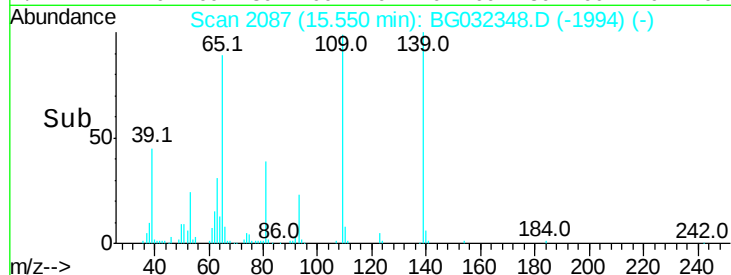
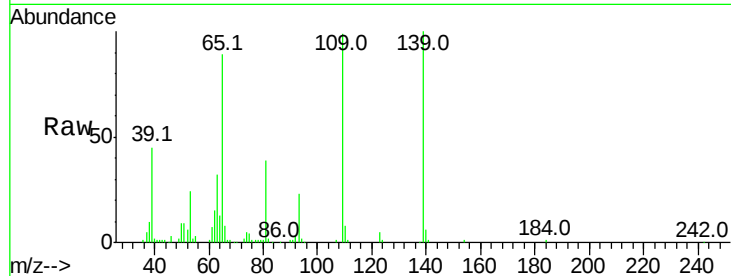
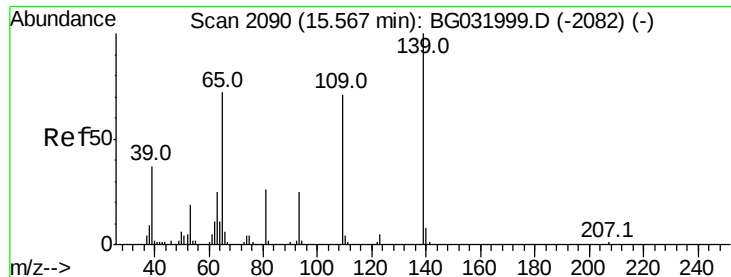
#54
 Dibenzofuran
 Concen: 43.256 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. 0.01 min
 Lab File: BG032348.D
 Acq: 27 Jan 2018 9:52

Tgt Ion:168 Resp: 459229
 Ion Ratio Lower Upper
 168 100
 139 37.1 28.6 43.0
 169 14.0 11.2 16.8



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

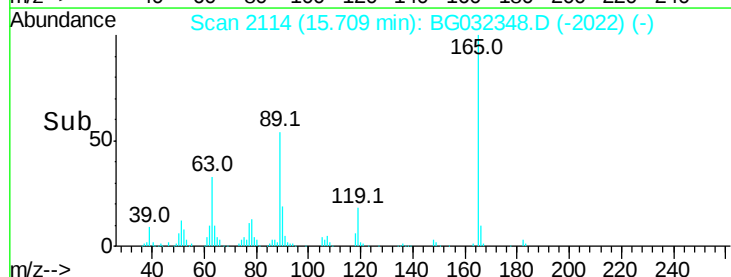
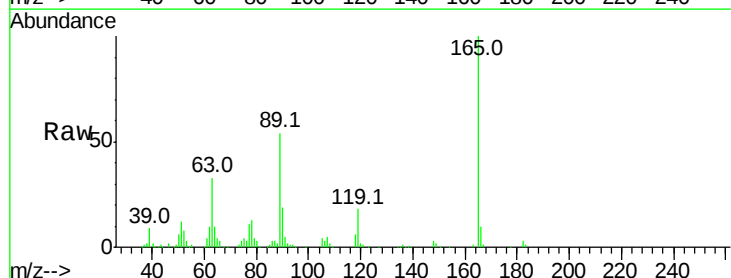
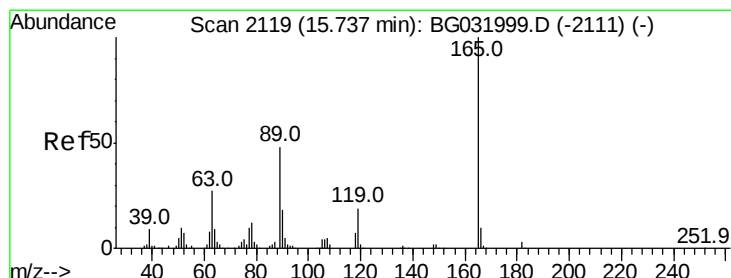
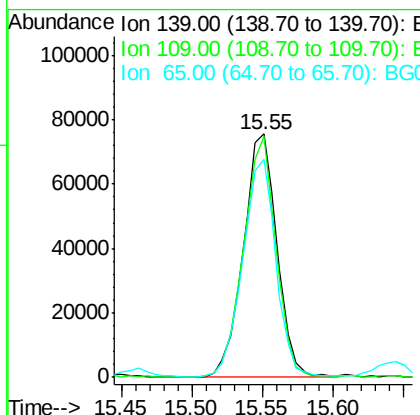




#55
4-Nitrophenol
Concen: 99.820 ng
RT: 15.55 min Scan# 2087
Delta R.T. 0.02 min
Lab File: BG032348.D
Acq: 27 Jan 2018 9:52

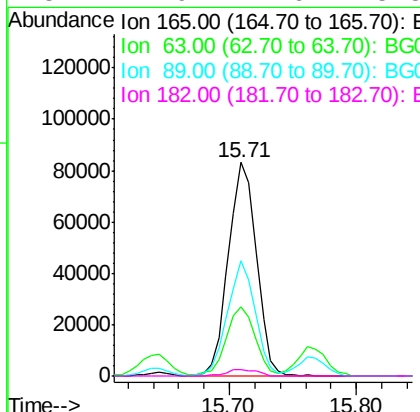
Instrument :
BNA_G
ClientSampleId :
PB105792BS

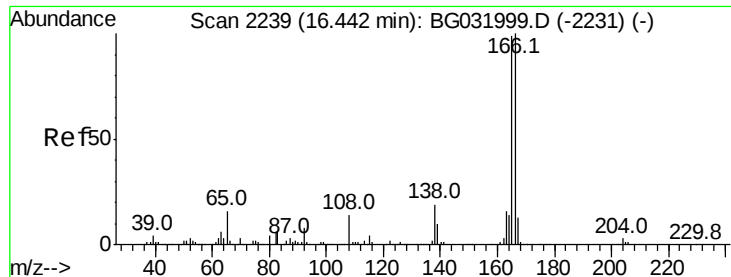
Tot Ion:139 Resp: 126476
Ion Ratio Lower Upper
139 100
109 99.1 62.2 102.2
65 89.4 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 49.121 ng
RT: 15.71 min Scan# 2114
Delta R.T. 0.01 min
Lab File: BG032348.D
Acq: 27 Jan 2018 9:52

Tgt Ion:165 Resp: 127303
Ion Ratio Lower Upper
165 100
63 32.5 42.0 63.0#
89 53.8 66.9 100.3#
182 2.9 2.6 3.8





#57

Fluorene

Concen: 42.220 ng

RT: 16.41 min Scan# 2233

Delta R.T. 0.01 min

Lab File: BG032348.D

Acq: 27 Jan 2018 9:52

Instrument :

BNA_G

ClientSampleId :

PB105792BS

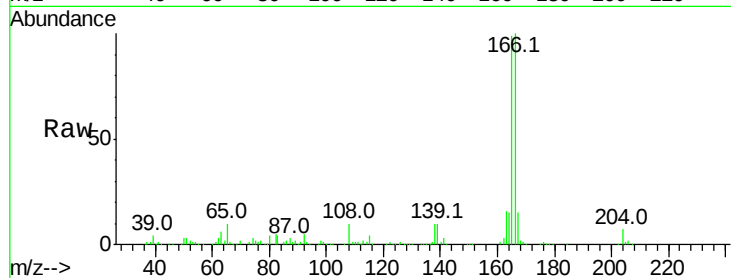
Tot Ion:166 Resp: 367619

Ion Ratio Lower Upper

166 100

165 99.0 80.6 121.0

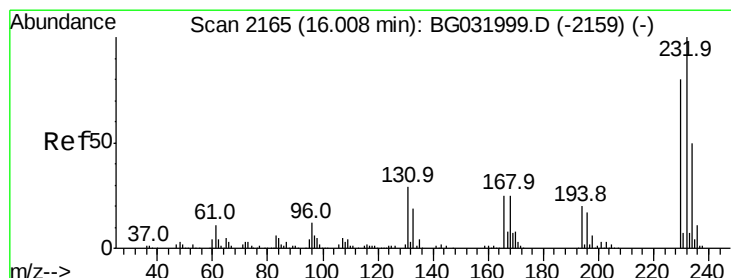
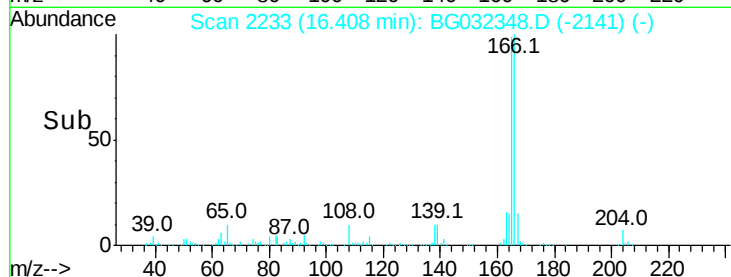
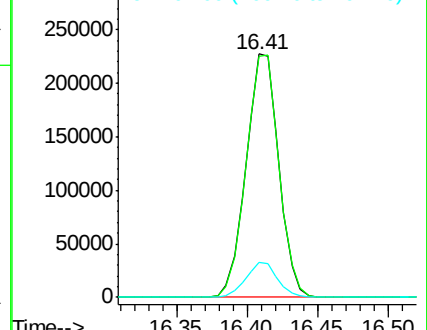
167 14.6 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.253 ng

RT: 15.98 min Scan# 2160

Delta R.T. 0.01 min

Lab File: BG032348.D

Acq: 27 Jan 2018 9:52

Tgt Ion:232 Resp: 142451

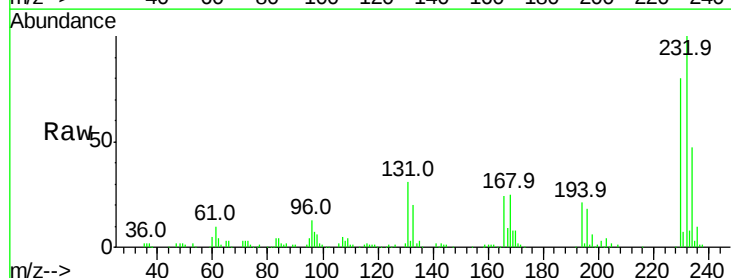
Ion Ratio Lower Upper

232 100

131 30.7 33.5 50.3#

130 1.7 2.2 3.2#

166 24.7 24.8 37.2#

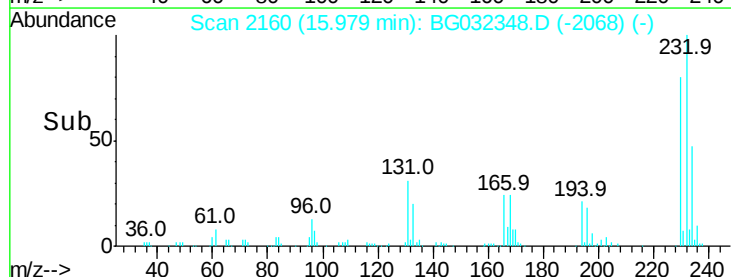
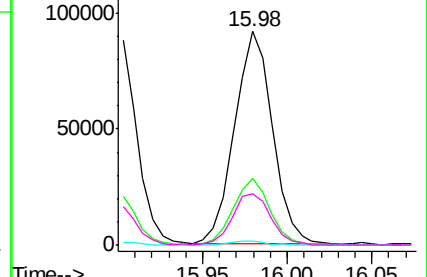


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

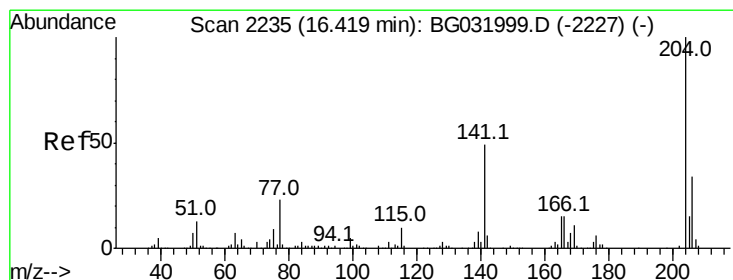
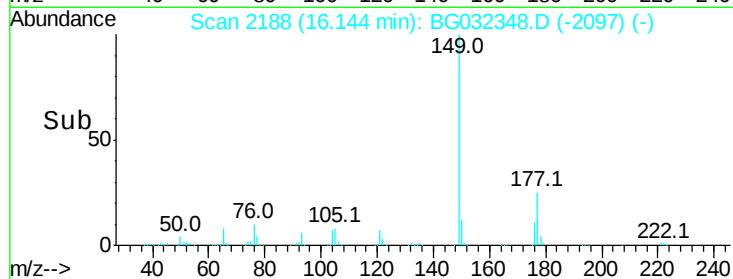
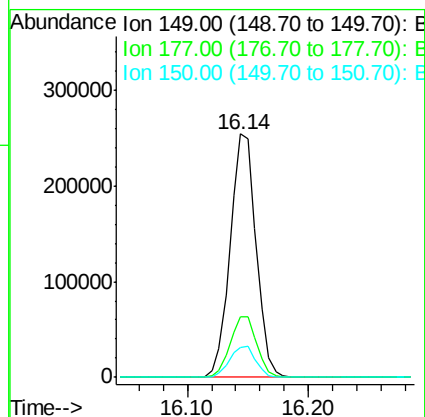
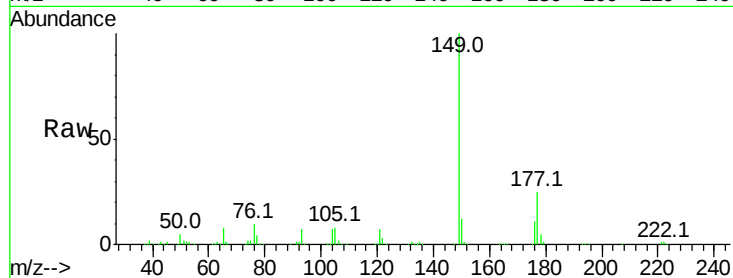




#59
Diethylphthalate
Concen: 42.165 ng
RT: 16.14 min Scan# 2188
Delta R.T. 0.01 min
Lab File: BG032348.D
Acq: 27 Jan 2018 9:52

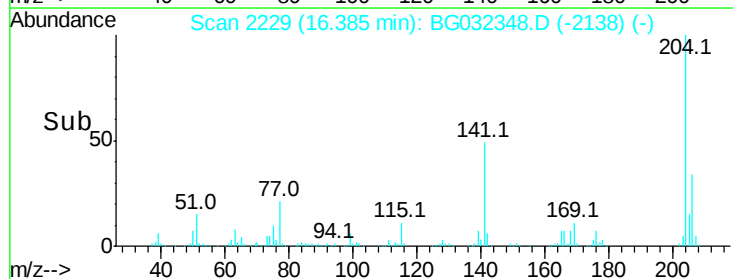
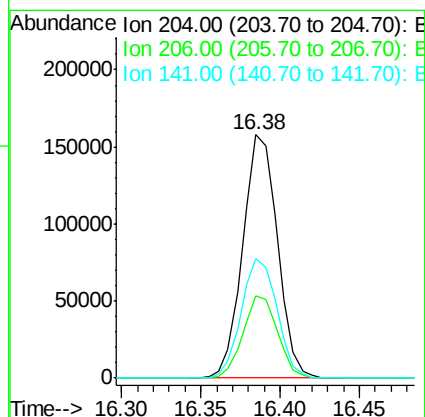
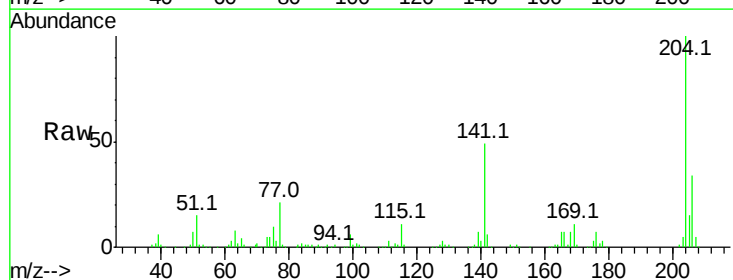
Instrument :
BNA_G
ClientSampleId :
PB105792BS

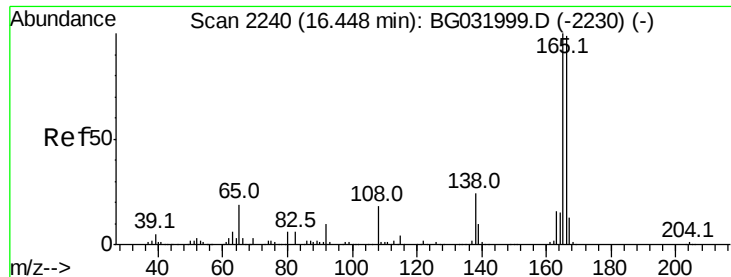
Tot Ion:149 Resp: 379093
Ion Ratio Lower Upper
149 100
177 25.0 18.5 27.7
150 12.4 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 44.886 ng
RT: 16.38 min Scan# 2229
Delta R.T. 0.01 min
Lab File: BG032348.D
Acq: 27 Jan 2018 9:52

Tgt Ion:204 Resp: 239745
Ion Ratio Lower Upper
204 100
206 33.8 26.2 39.2
141 49.3 45.8 68.6

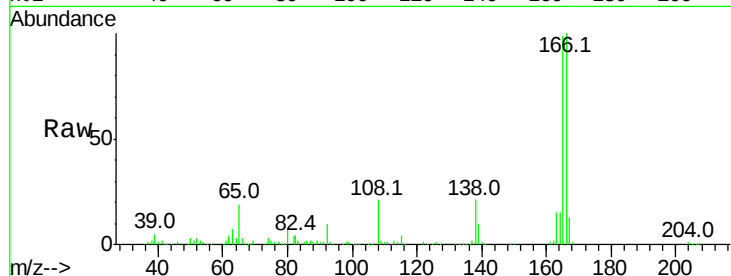




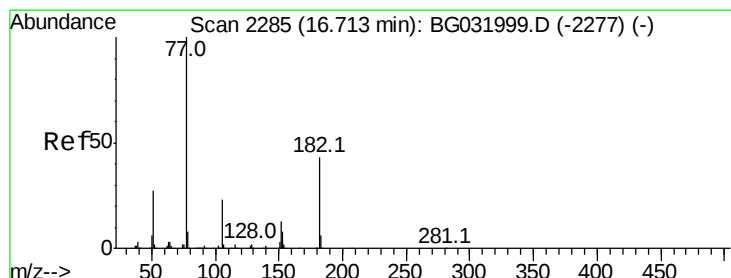
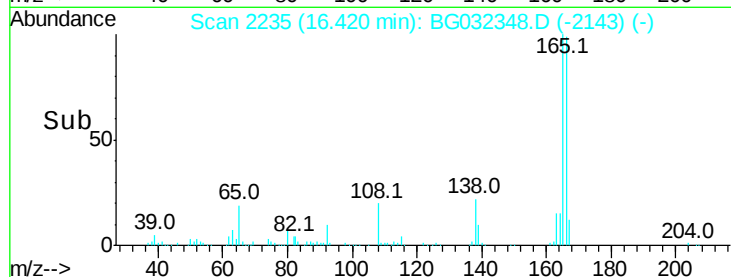
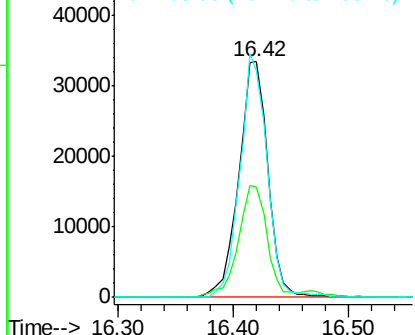
#61
4-Nitroaniline
Concen: 35.140 ng
RT: 16.42 min Scan# 2235
Delta R.T. 0.01 min
Lab File: BG032348.D
Acq: 27 Jan 2018 9:52

Instrument :
BNA_G
ClientSampleId :
PB105792BS

Tot Ion:138 Resp: 58605
Ion Ratio Lower Upper
138 100
92 46.9 40.1 80.1
108 96.4 65.4 105.4

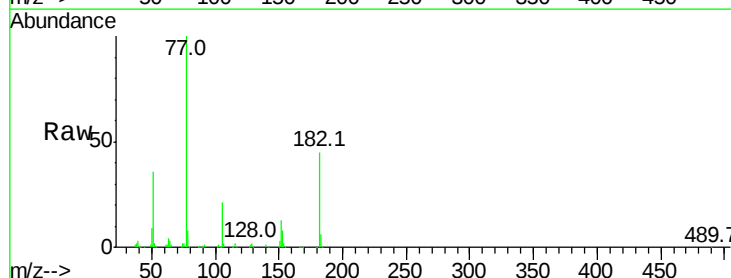


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

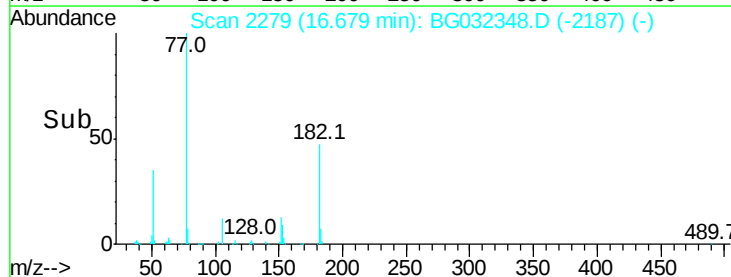
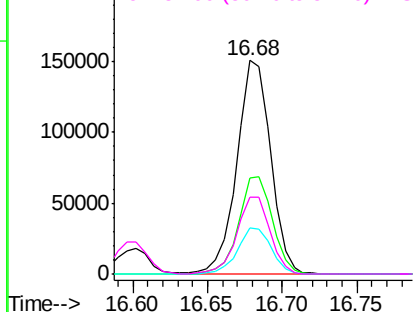


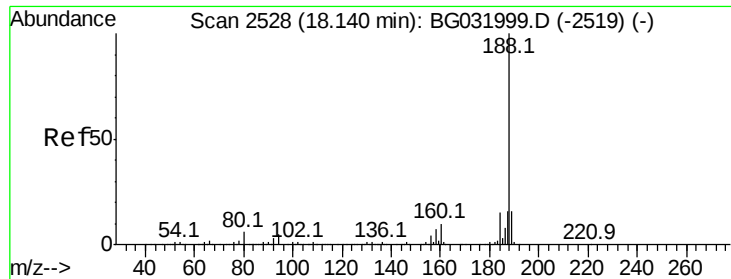
#62
Azobenzene
Concen: 42.111 ng
RT: 16.68 min Scan# 2279
Delta R.T. 0.01 min
Lab File: BG032348.D
Acq: 27 Jan 2018 9:52

Tgt Ion: 77 Resp: 236971
Ion Ratio Lower Upper
77 100
182 45.1 7.4 47.4
105 21.3 0.3 40.3
51 35.9 11.6 51.6



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.11 min Scan# 2523

Delta R.T. 0.02 min

Lab File: BG032348.D

Acq: 27 Jan 2018 9:52

Instrument :

BNA_G

ClientSampleId :

PB105792BS

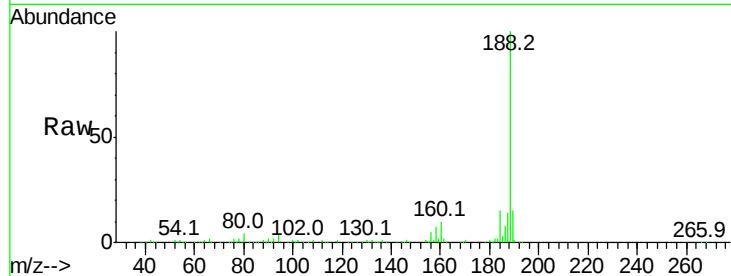
Tot Ion:188 Resp: 275452

Ion Ratio Lower Upper

188 100

94 3.6 6.9 10.3#

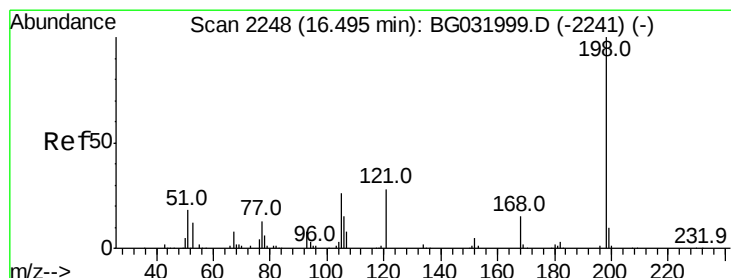
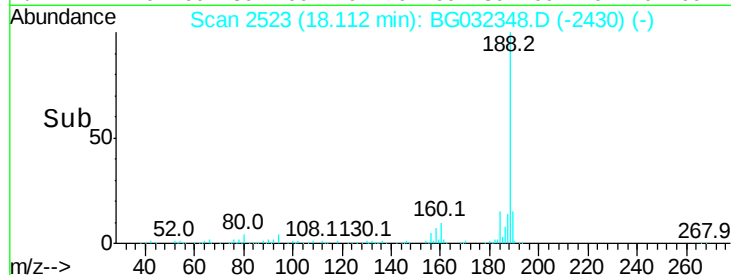
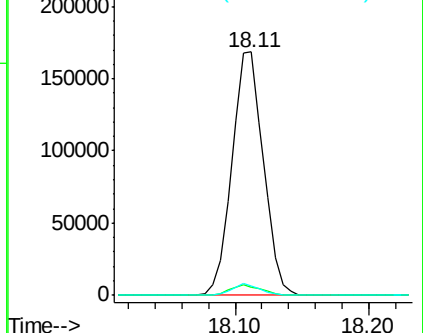
80 4.0 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 46.492 ng

RT: 16.47 min Scan# 2243

Delta R.T. 0.01 min

Lab File: BG032348.D

Acq: 27 Jan 2018 9:52

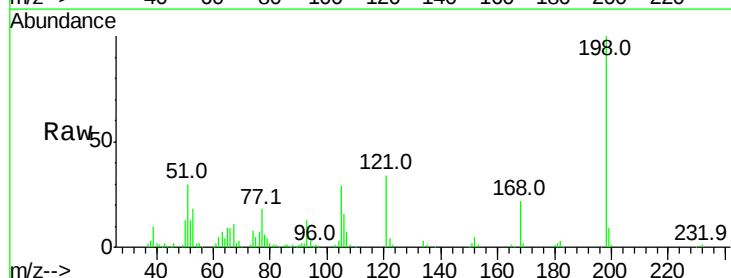
Tgt Ion:198 Resp: 81668

Ion Ratio Lower Upper

198 100

51 29.7 30.6 70.6#

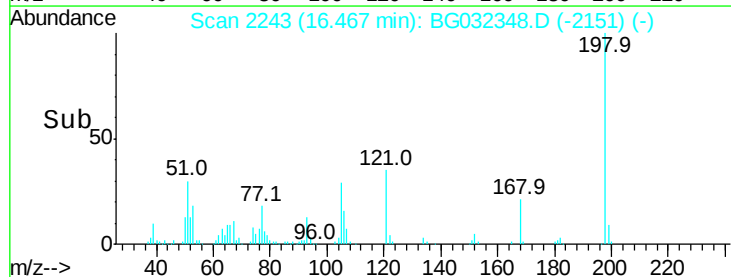
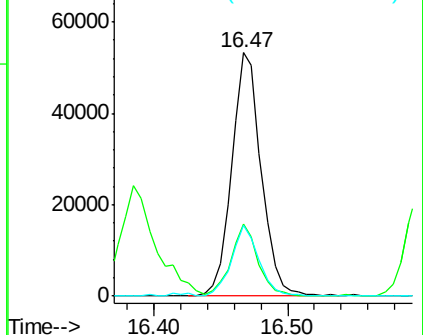
105 29.0 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.142 ng

RT: 16.60 min Scan# 2266

Delta R.T. 0.01 min

Lab File: BG032348.D

Acq: 27 Jan 2018 9:52

Instrument :

BNA_G

ClientSampleId :

PB105792BS

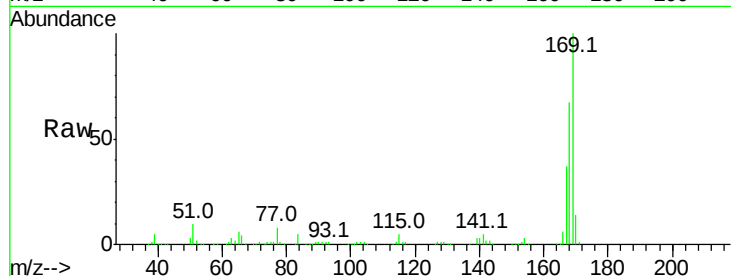
Tot Ion:169 Resp: 343879

Ion Ratio Lower Upper

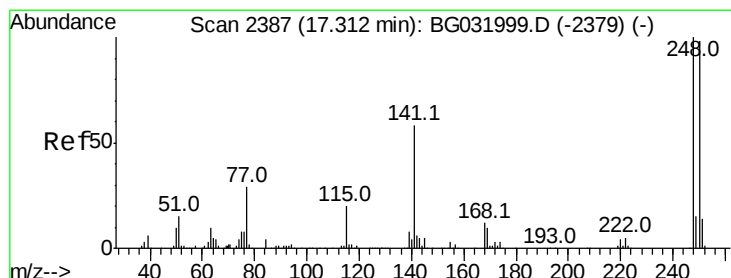
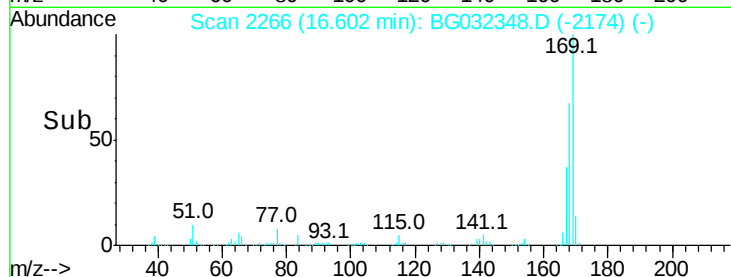
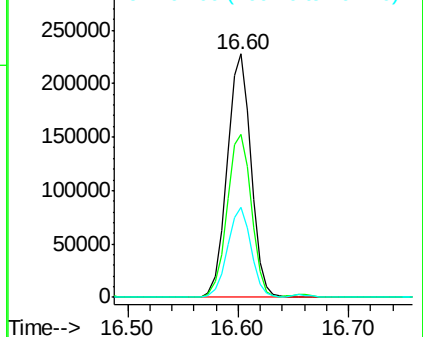
169 100

168 67.0 55.7 83.5

167 37.1 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: 43.767 ng

RT: 17.28 min Scan# 2382

Delta R.T. 0.02 min

Lab File: BG032348.D

Acq: 27 Jan 2018 9:52

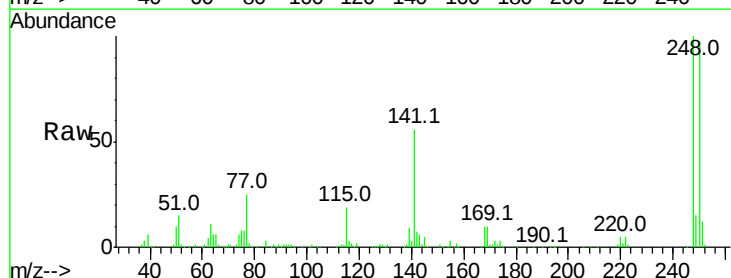
Tgt Ion:248 Resp: 171532

Ion Ratio Lower Upper

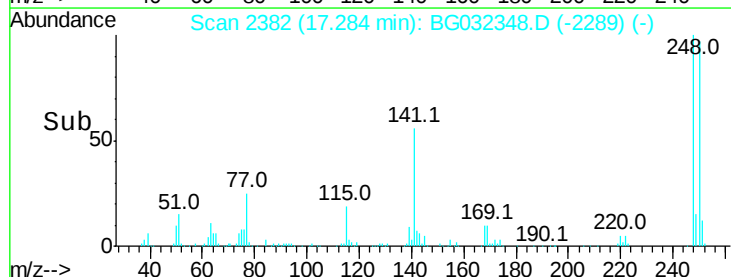
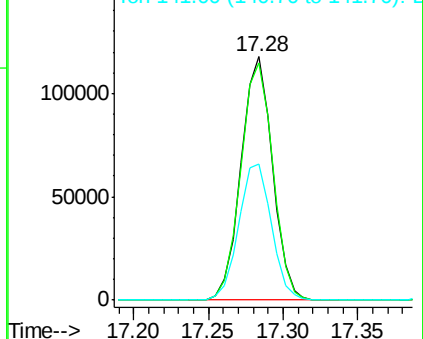
248 100

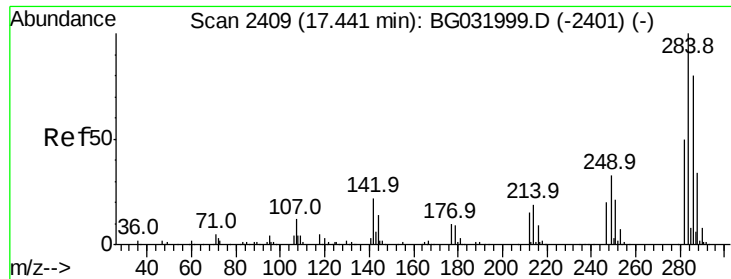
250 97.4 77.1 115.7

141 55.8 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

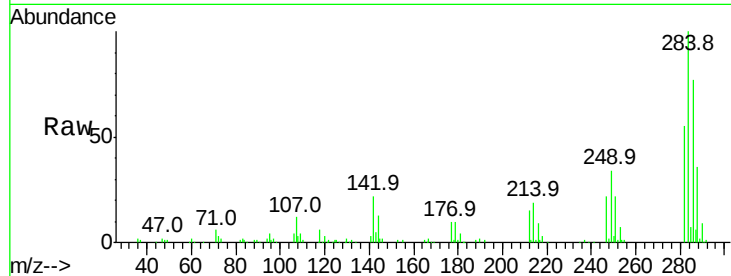




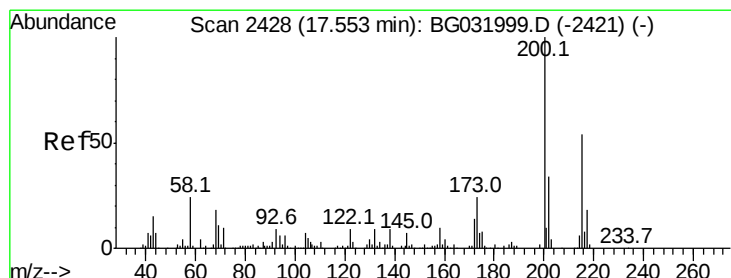
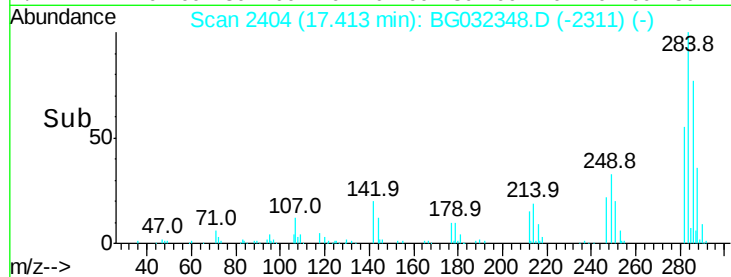
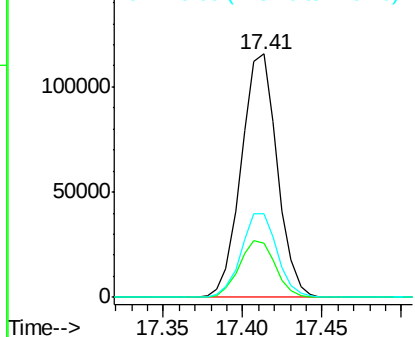
#67
Hexachlorobenzene
Concen: 41.914 ng
RT: 17.41 min Scan# 2404
Delta R.T. 0.02 min
Lab File: BG032348.D
Acq: 27 Jan 2018 9:52

Instrument :
BNA_G
ClientSampleId :
PB105792BS

Tot Ion:284 Resp: 181740
Ion Ratio Lower Upper
284 100
142 22.0 26.8 40.2#
249 34.3 26.3 39.5

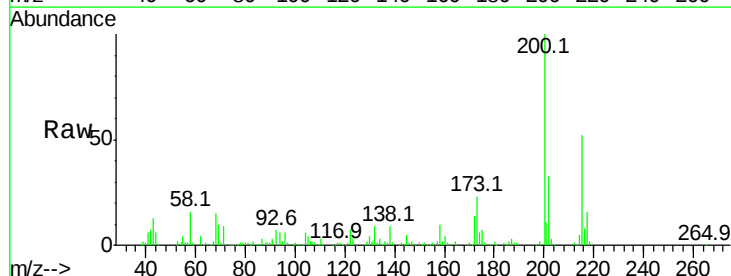


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

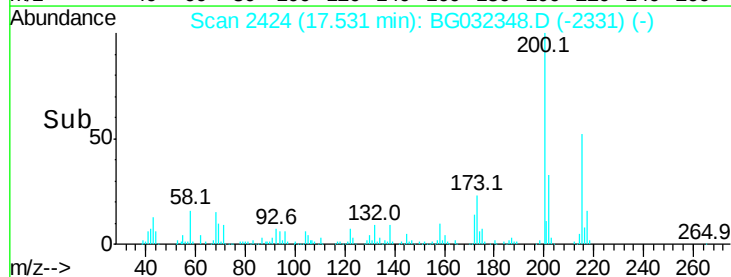
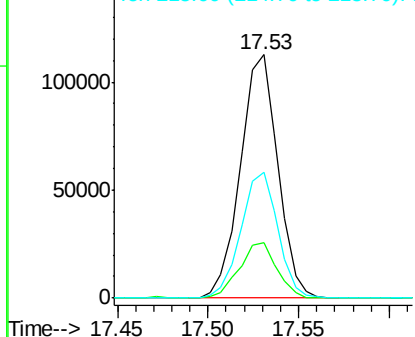


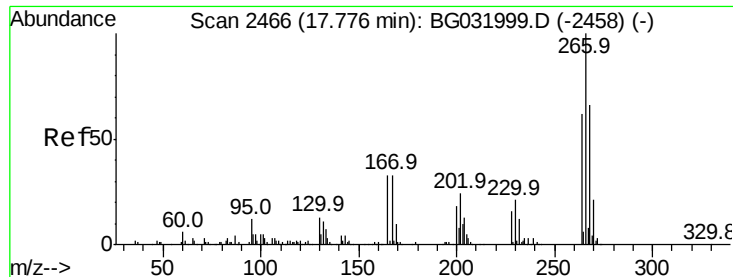
#68
Atrazine
Concen: 46.032 ng
RT: 17.53 min Scan# 2424
Delta R.T. 0.02 min
Lab File: BG032348.D
Acq: 27 Jan 2018 9:52

Tgt Ion:200 Resp: 161807
Ion Ratio Lower Upper
200 100
173 22.7 5.2 45.2
215 51.6 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

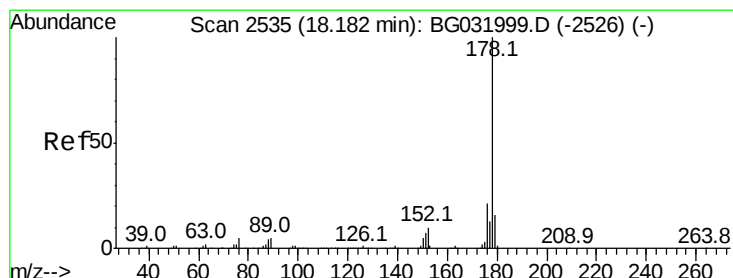
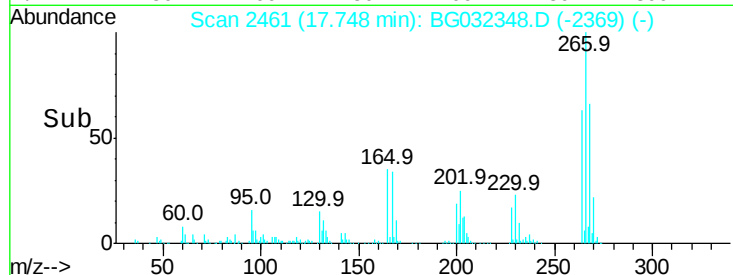
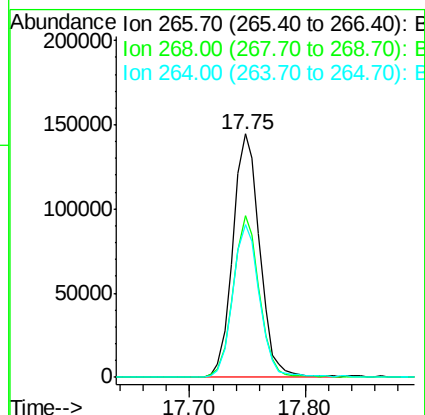
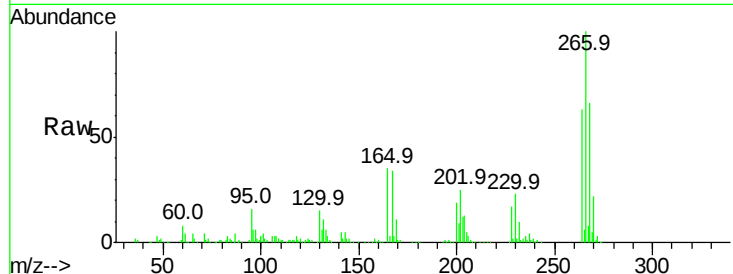




#69
 Pentachlorophenol
 Concen: 83.926 ng
 RT: 17.75 min Scan# 2461
 Delta R.T. 0.01 min
 Lab File: BG032348.D
 Acq: 27 Jan 2018 9:52

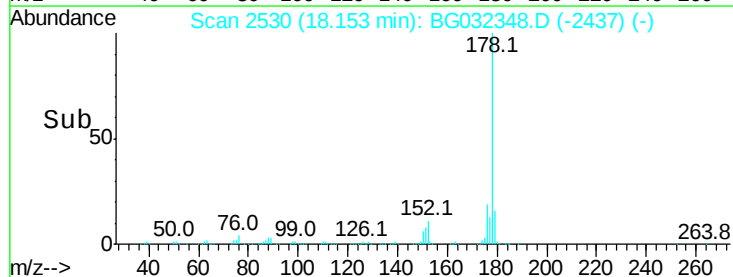
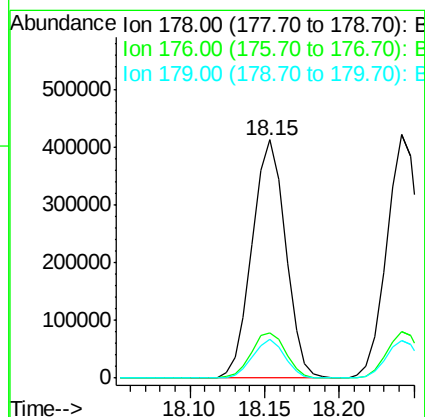
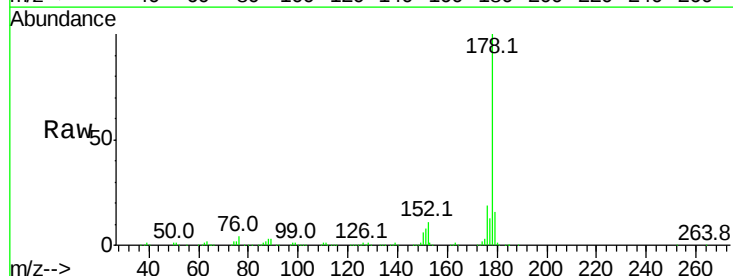
Instrument :
 BNA_G
 ClientSampleId :
 PB105792BS

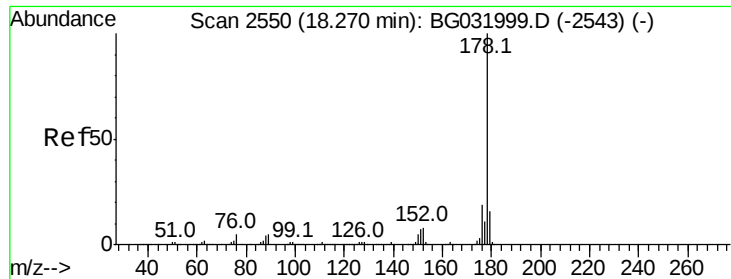
Tot Ion	Ratio	Lower	Upper
266	100		
268	66.2	51.1	76.7
264	62.6	49.6	74.4



#70
 Phenanthrene
 Concen: 41.770 ng
 RT: 18.15 min Scan# 2530
 Delta R.T. 0.02 min
 Lab File: BG032348.D
 Acq: 27 Jan 2018 9:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.7	23.5
179	16.1	12.5	18.7

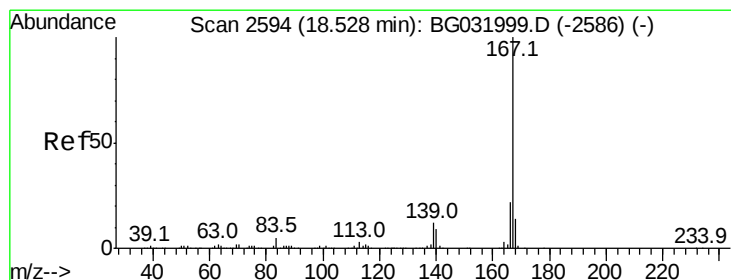
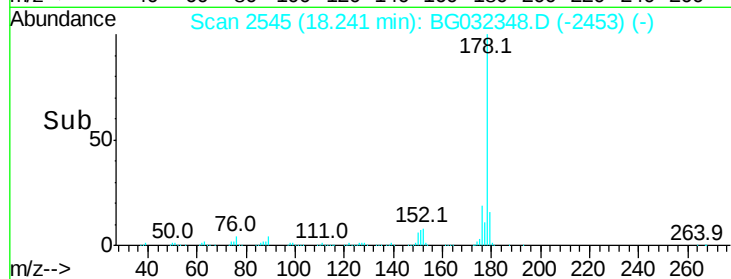
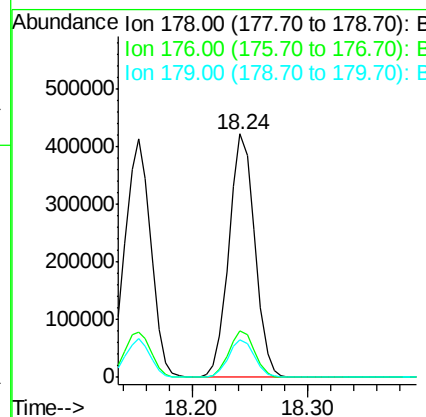
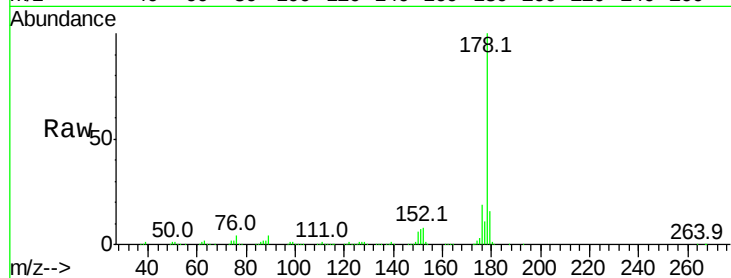




#71
 Anthracene
 Concen: 42.695 ng
 RT: 18.24 min Scan# 2545
 Delta R.T. 0.01 min
 Lab File: BG032348.D
 Acq: 27 Jan 2018 9:52

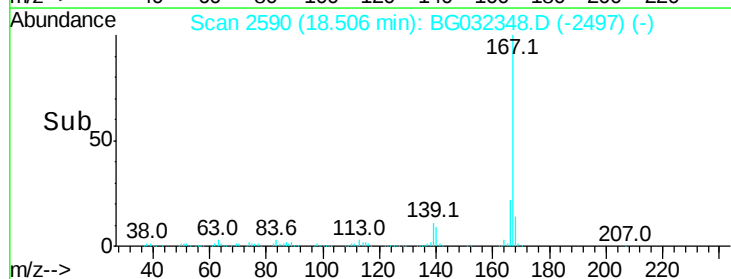
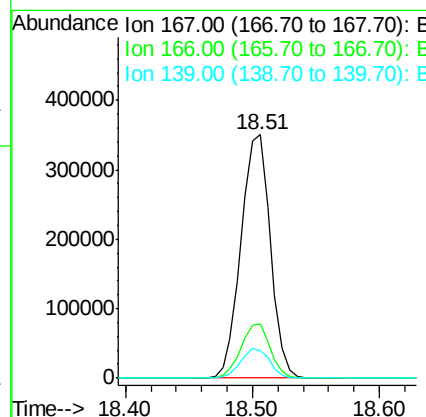
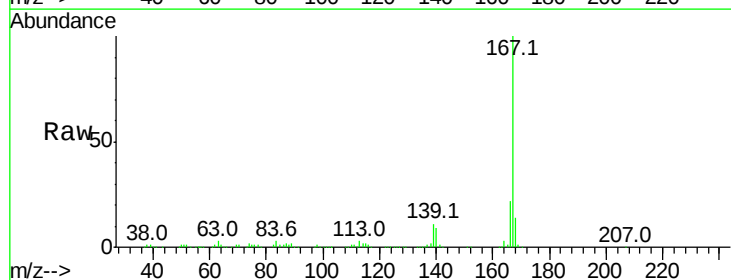
Instrument :
 BNA_G
 ClientSampleID :
 PB105792BS

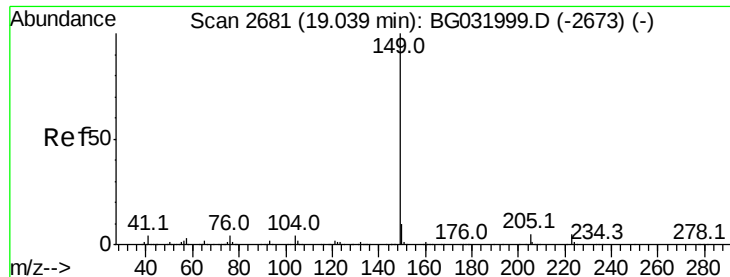
Tot Ion:178 Resp: 653060
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.0 24.0
 179 15.6 12.5 18.7



#72
 Carbazole
 Concen: 42.385 ng
 RT: 18.51 min Scan# 2590
 Delta R.T. 0.02 min
 Lab File: BG032348.D
 Acq: 27 Jan 2018 9:52

Tgt Ion:167 Resp: 562417
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.2 27.4
 139 11.4 9.4 14.2

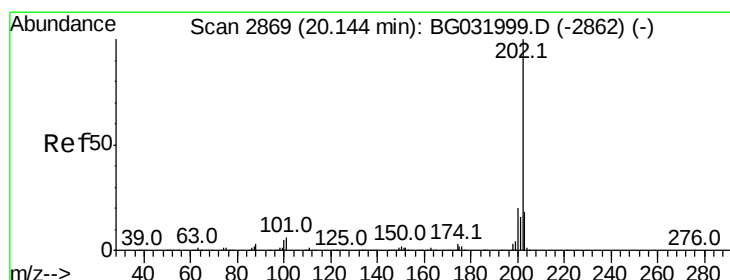
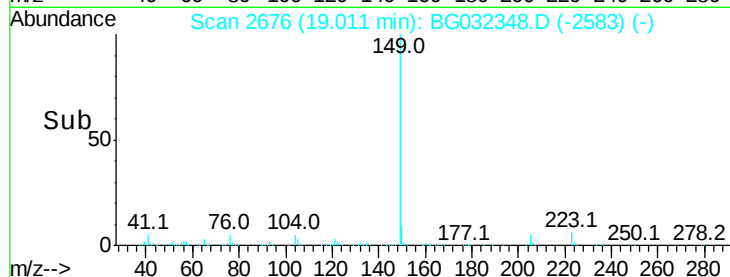
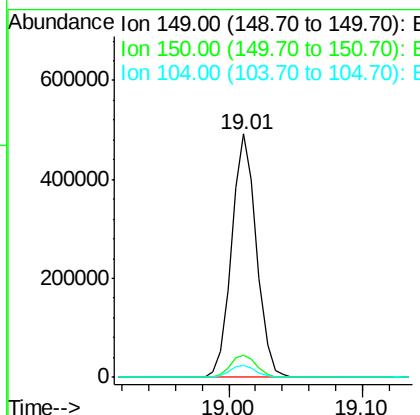
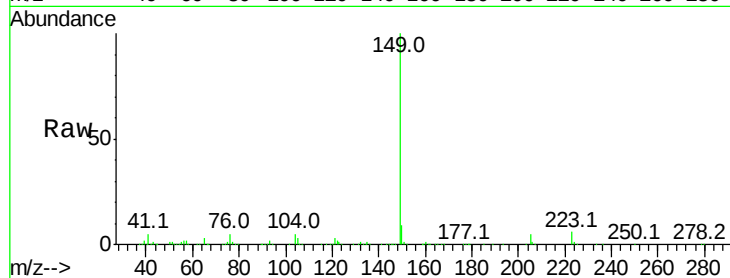




#73
Di-n-butylphthalate
Concen: 40.588 ng
RT: 19.01 min Scan# 2676
Delta R.T. 0.02 min
Lab File: BG032348.D
Acq: 27 Jan 2018 9:52

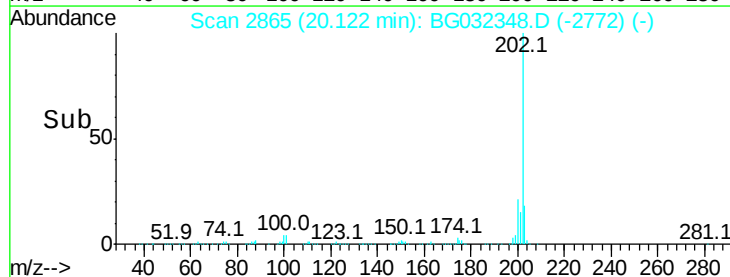
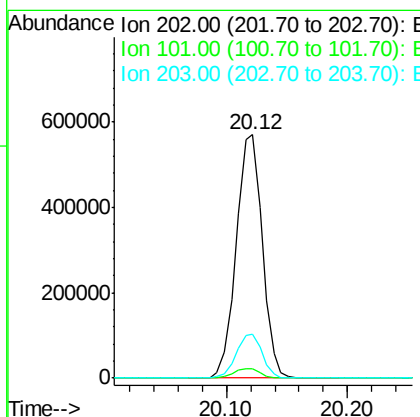
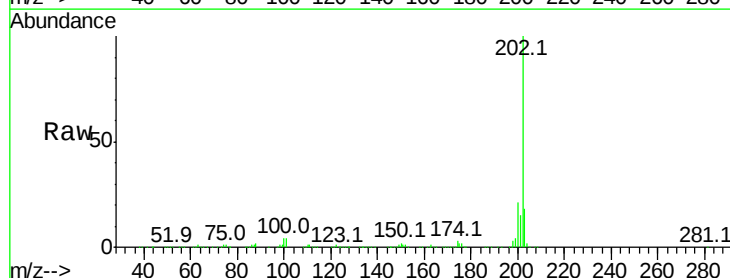
Instrument :
BNA_G
ClientSampleId :
PB105792BS

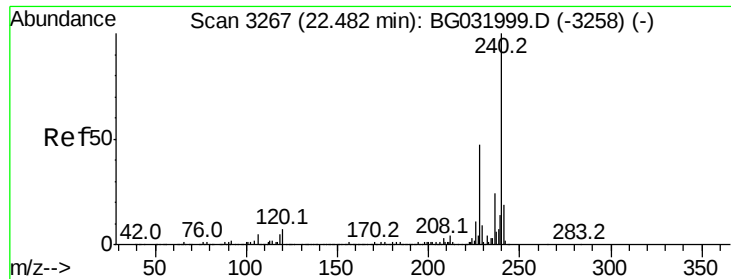
Tot Ion:149 Resp: 636392
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.6
104 5.0 3.9 5.9



#74
Fluoranthene
Concen: 44.599 ng
RT: 20.12 min Scan# 2865
Delta R.T. 0.02 min
Lab File: BG032348.D
Acq: 27 Jan 2018 9:52

Tgt Ion:202 Resp: 856380
Ion Ratio Lower Upper
202 100
101 4.0 0.0 28.9
203 17.9 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.46 min Scan# 3263

Delta R.T. 0.04 min

Lab File: BG032348.D

Acq: 27 Jan 2018 9:52

Instrument :

BNA_G

ClientSampleId :

PB105792BS

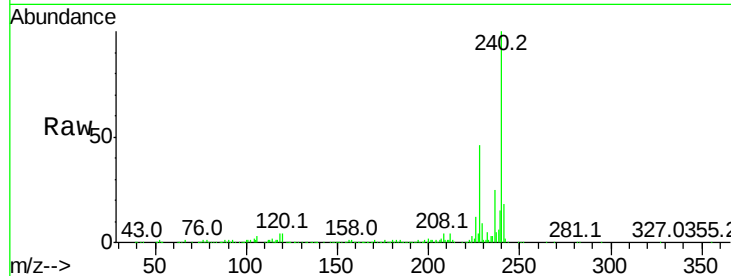
Tot Ion:240 Resp: 347602

Ion Ratio Lower Upper

240 100

120 3.5 6.8 10.2#

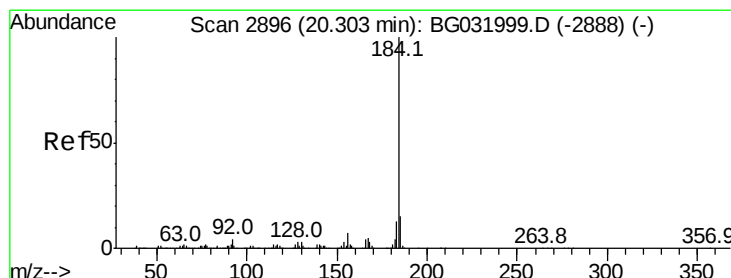
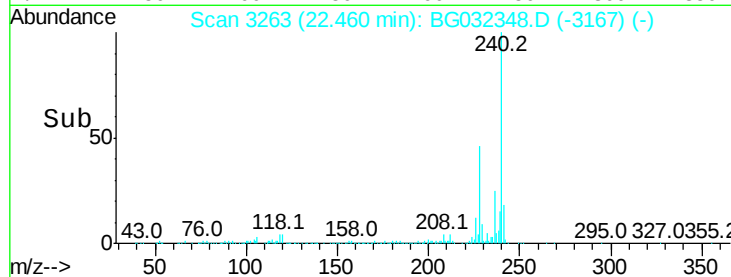
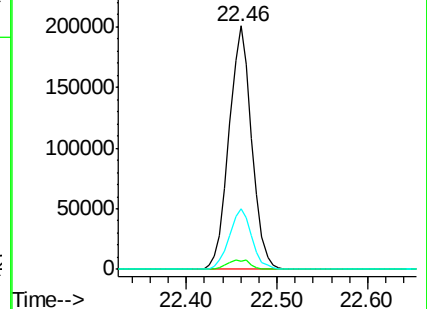
236 24.9 20.9 31.3



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: 14.605 ng

RT: 20.27 min Scan# 2891

Delta R.T. 0.01 min

Lab File: BG032348.D

Acq: 27 Jan 2018 9:52

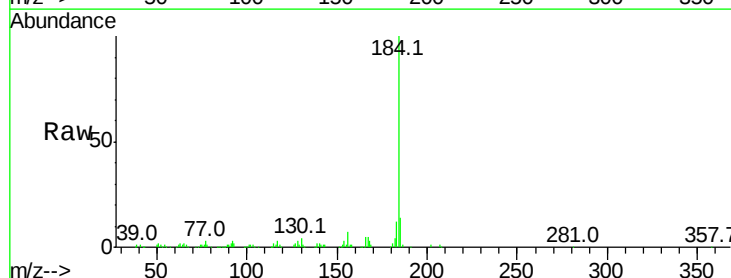
Tgt Ion:184 Resp: 126949

Ion Ratio Lower Upper

184 100

185 13.8 11.1 16.7

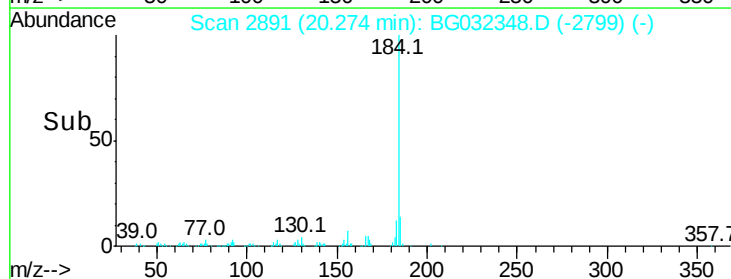
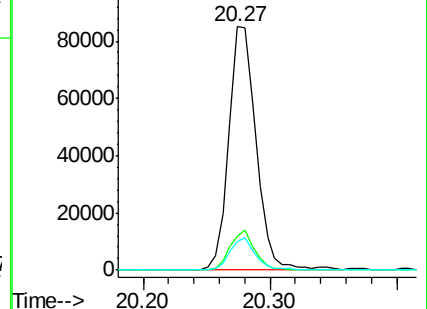
183 12.0 10.6 16.0

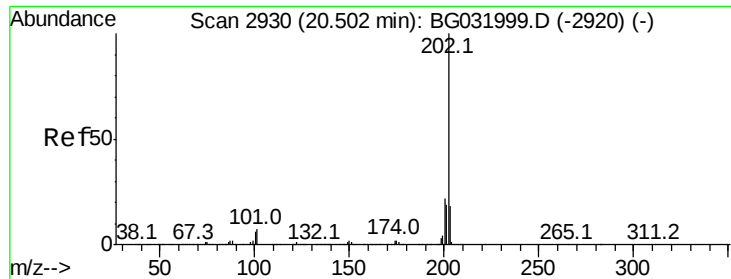


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

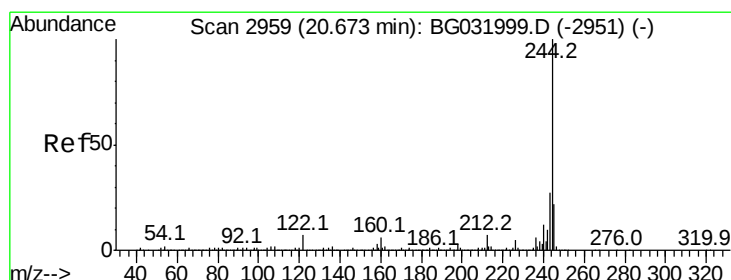
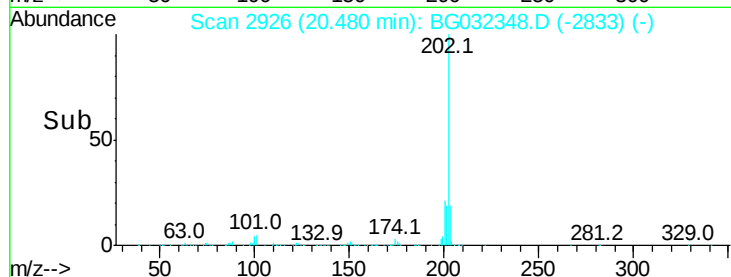
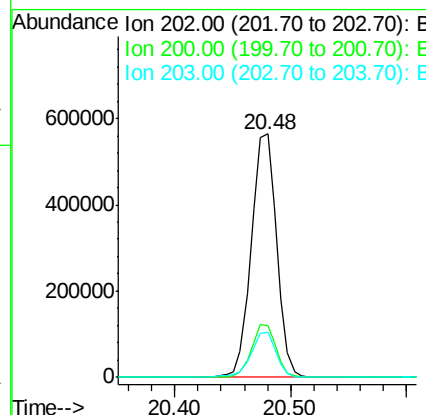
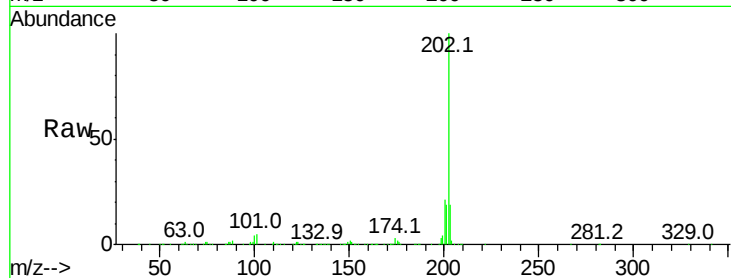




#77
Pvrene
Concen: 39.446 ng
RT: 20.48 min Scan# 2926
Delta R.T. 0.02 min
Lab File: BG032348.D
Acq: 27 Jan 2018 9:52

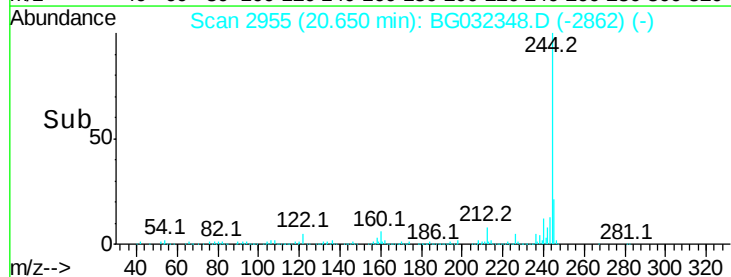
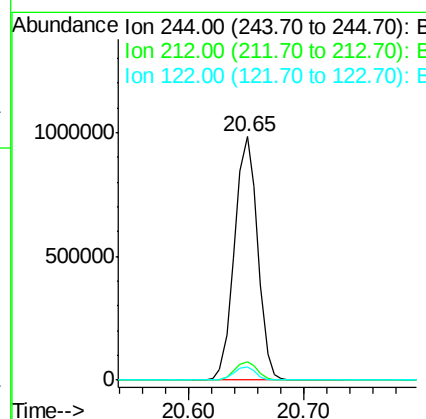
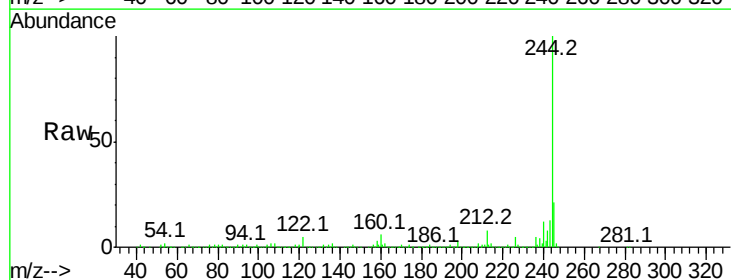
Instrument :
BNA_G
ClientSampleId :
PB105792BS

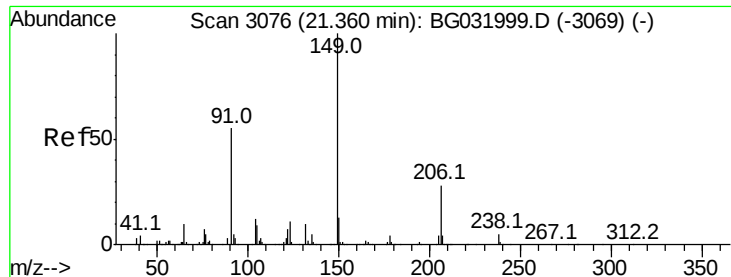
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	18.8	13.9	20.9



#78
Terphenyl-d14
Concen: 86.702 ng
RT: 20.65 min Scan# 2955
Delta R.T. 0.02 min
Lab File: BG032348.D
Acq: 27 Jan 2018 9:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	5.3	7.0	10.4#

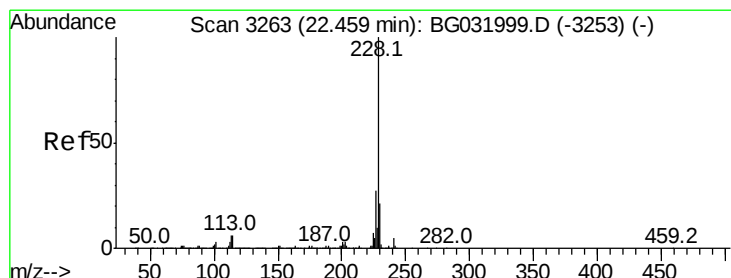
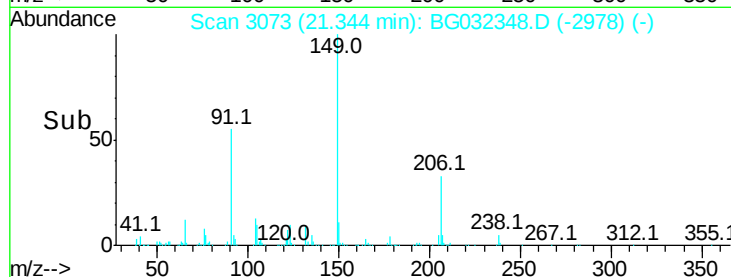
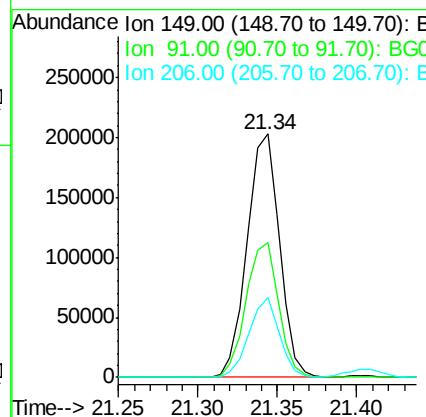
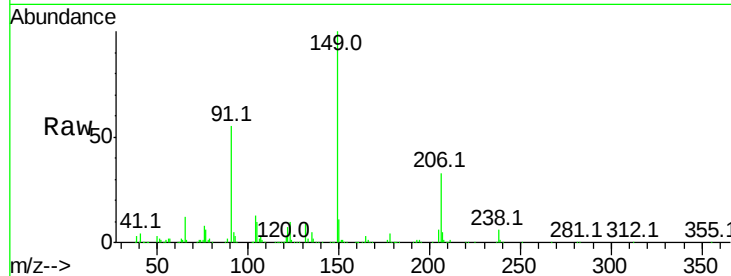




#79
 Butylbenzylphthalate
 Concen: 36.841 ng
 RT: 21.34 min Scan# 3073
 Delta R.T. 0.03 min
 Lab File: BG032348.D
 Acq: 27 Jan 2018 9:52

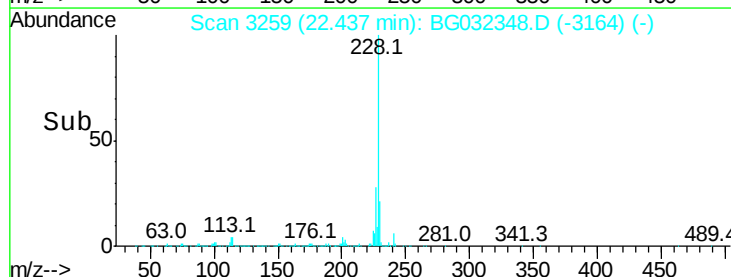
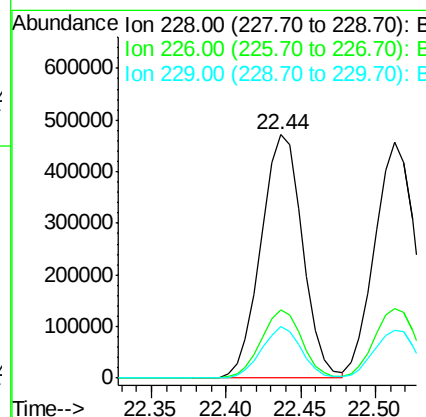
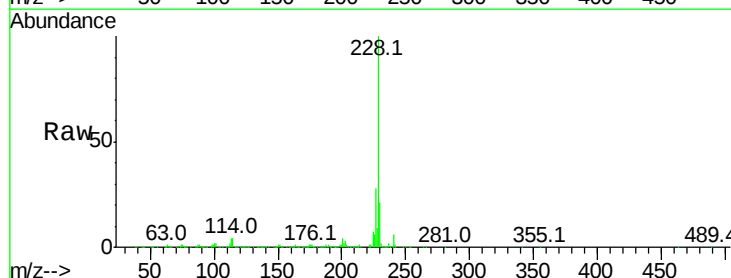
Instrument :
 BNA_G
 ClientSampleId :
 PB105792BS

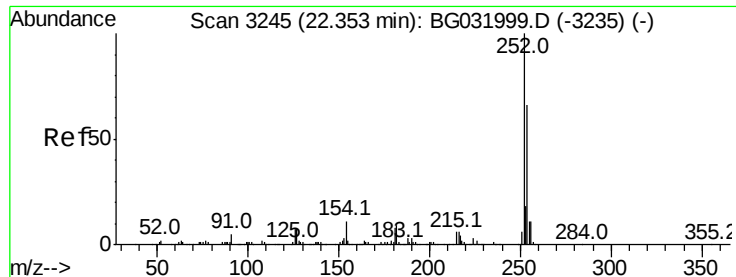
Tot Ion:149 Resp: 288431
 Ion Ratio Lower Upper
 149 100
 91 55.3 62.2 93.2#
 206 32.8 18.6 27.8#



#80
 Benzo(a)anthracene
 Concen: 42.164 ng
 RT: 22.44 min Scan# 3259
 Delta R.T. 0.03 min
 Lab File: BG032348.D
 Acq: 27 Jan 2018 9:52

Tgt Ion:228 Resp: 911476
 Ion Ratio Lower Upper
 228 100
 226 28.2 22.7 34.1
 229 21.0 16.2 24.2

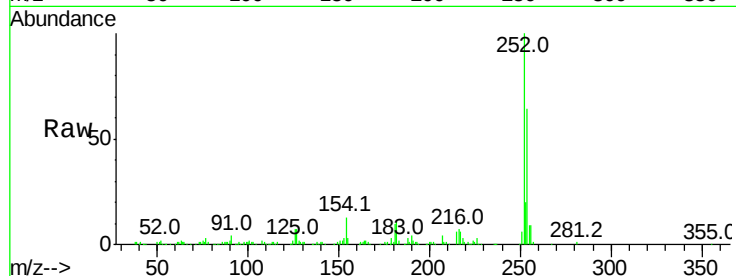




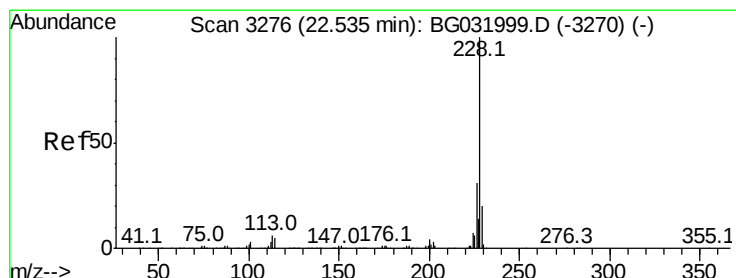
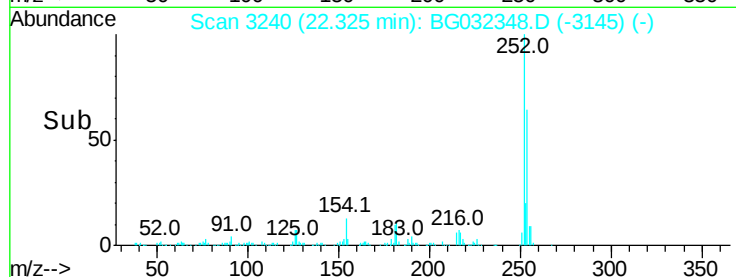
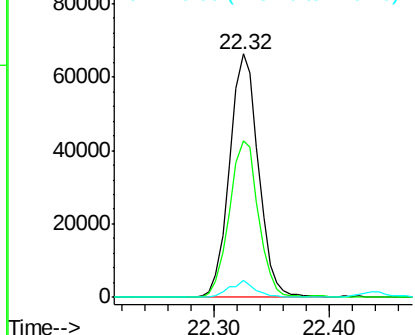
#81
 3,3'-Dichlorobenzidine
 Concen: 14.230 ng
 RT: 22.32 min Scan# 3240
 Delta R.T. 0.03 min
 Lab File: BG032348.D
 Acq: 27 Jan 2018 9:52

Instrument :
 BNA_G
 ClientSampleId :
 PB105792BS

Tot Ion:252 Resp: 114911
 Ion Ratio Lower Upper
 252 100
 254 64.4 50.8 76.2
 126 6.8 7.4 11.2#

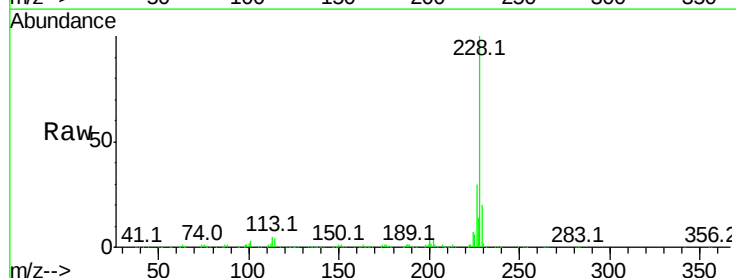


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

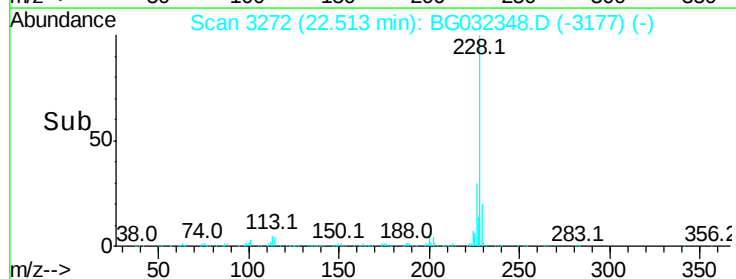
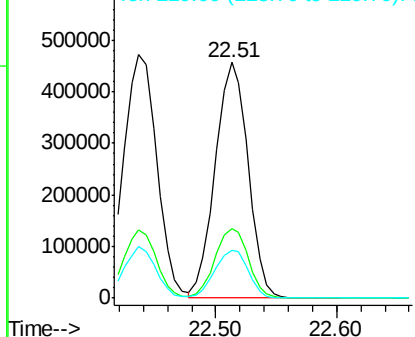


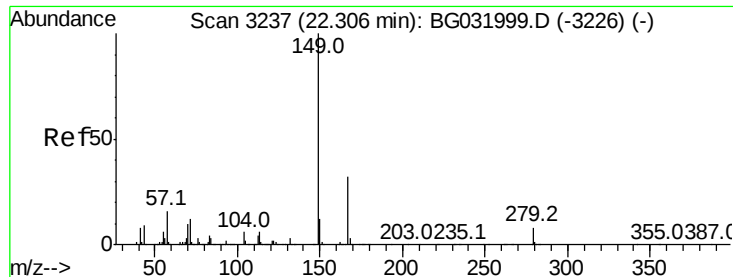
#82
 Chrysene
 Concen: 41.225 ng
 RT: 22.51 min Scan# 3272
 Delta R.T. 0.03 min
 Lab File: BG032348.D
 Acq: 27 Jan 2018 9:52

Tgt Ion:228 Resp: 855867
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.9 37.3
 229 20.2 15.0 22.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.165 ng

RT: 22.28 min Scan# 3232

Delta R.T. 0.03 min

Lab File: BG032348.D

Acq: 27 Jan 2018 9:52

Instrument :

BNA_G

ClientSampleId :

PB105792BS

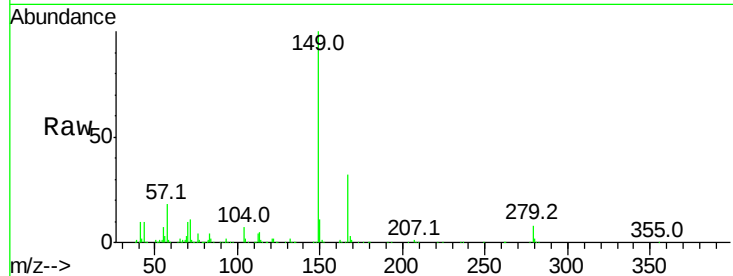
Tot Ion:149 Resp: 403718

Ion Ratio Lower Upper

149 100

167 31.7 24.3 36.5

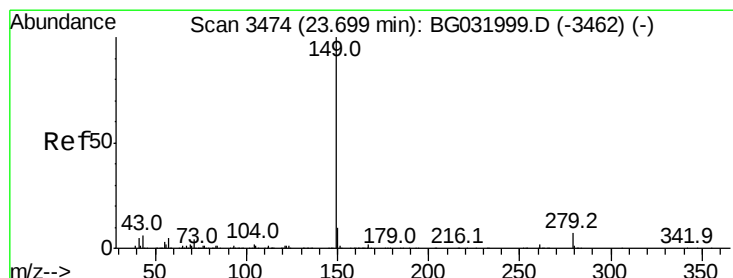
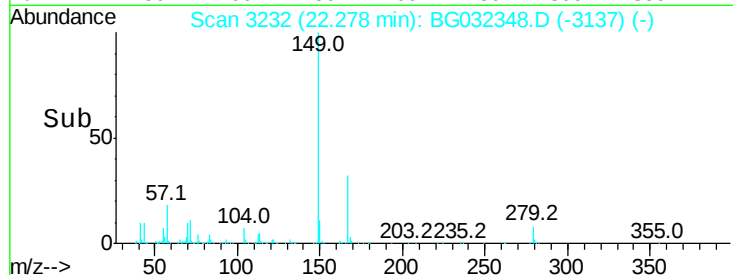
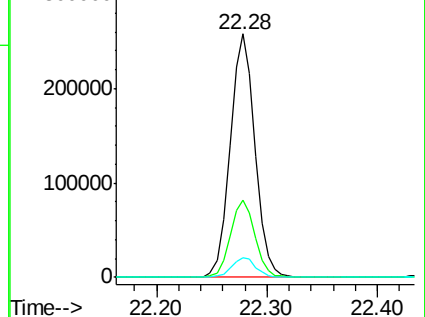
279 7.9 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.268 ng

RT: 23.67 min Scan# 3469

Delta R.T. 0.05 min

Lab File: BG032348.D

Acq: 27 Jan 2018 9:52

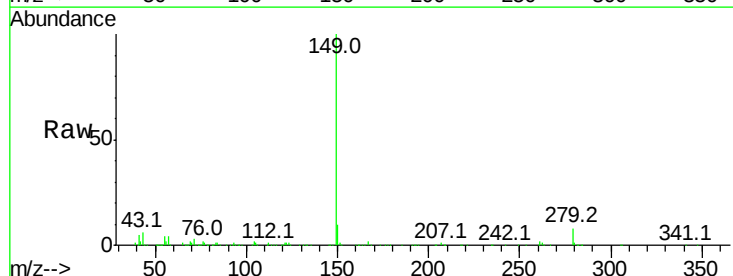
Tgt Ion:149 Resp: 697783

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

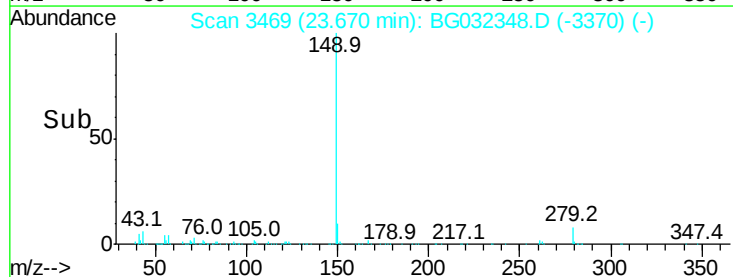
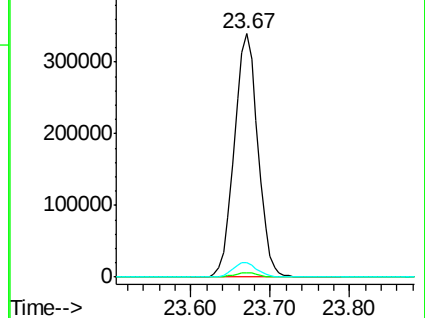
43 6.2 8.9 13.3#

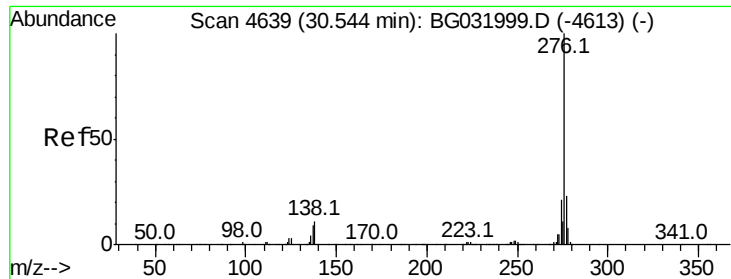


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO

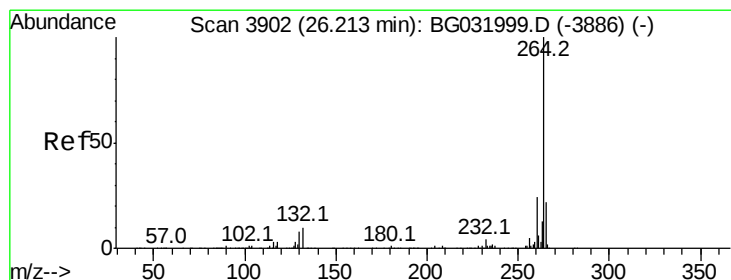
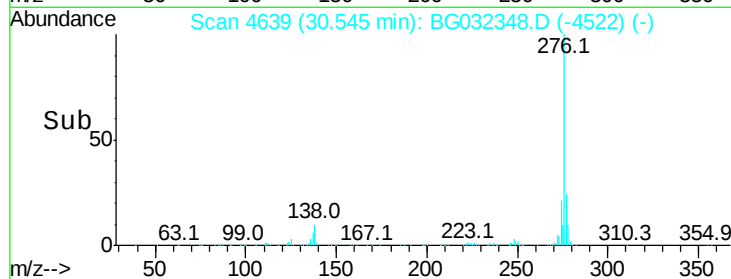
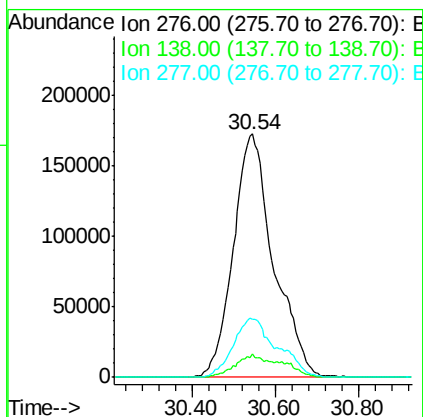
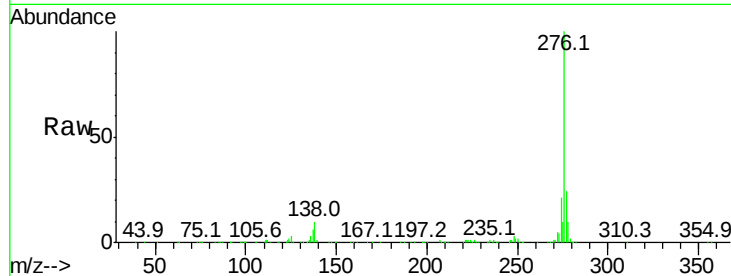




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.624 ng
 RT: 30.54 min Scan# 4639
 Delta R.T. 0.16 min
 Lab File: BG032348.D
 Acq: 27 Jan 2018 9:52

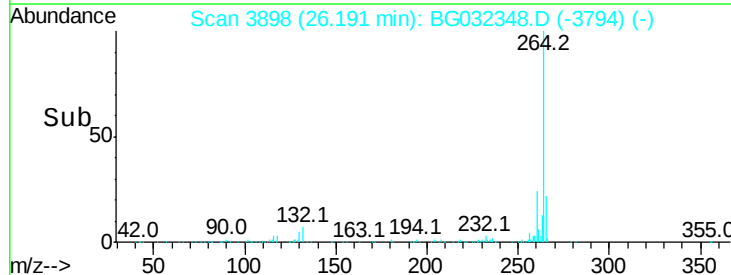
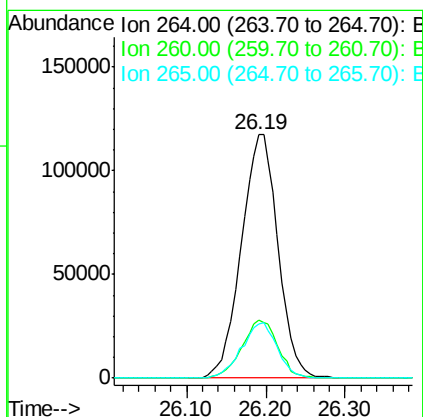
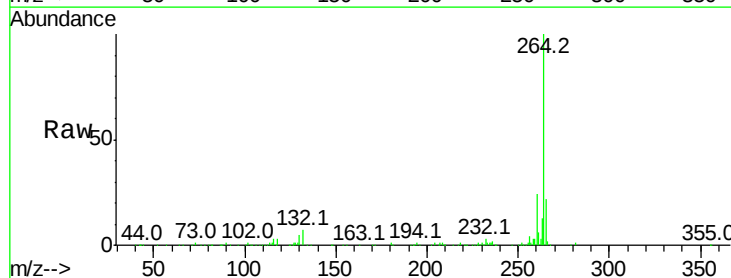
Instrument :
 BNA_G
 ClientSampleId :
 PB105792BS

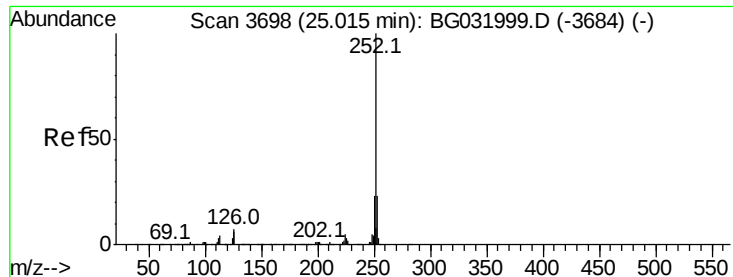
Tot Ion:276 Resp: 1159171
 Ion Ratio Lower Upper
 276 100
 138 7.6 16.0 24.0#
 277 26.5 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.19 min Scan# 3898
 Delta R.T. 0.08 min
 Lab File: BG032348.D
 Acq: 27 Jan 2018 9:52

Tgt Ion:264 Resp: 377138
 Ion Ratio Lower Upper
 264 100
 260 23.8 17.4 26.0
 265 22.4 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 42.823 ng

RT: 25.00 min Scan# 3695

Delta R.T. 0.06 min

Lab File: BG032348.D

Acq: 27 Jan 2018 9:52

Instrument :

BNA_G

ClientSampleId :

PB105792BS

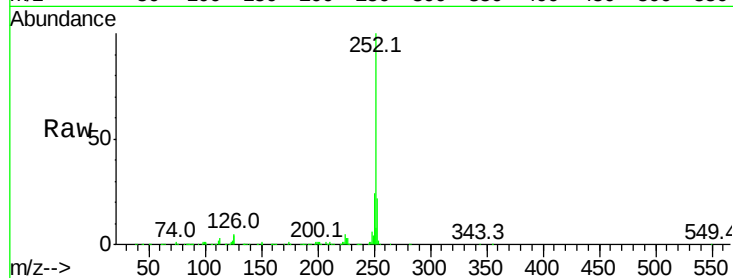
Tot Ion:252 Resp: 976179

Ion Ratio Lower Upper

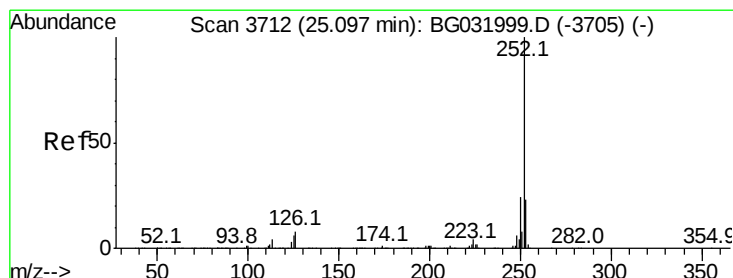
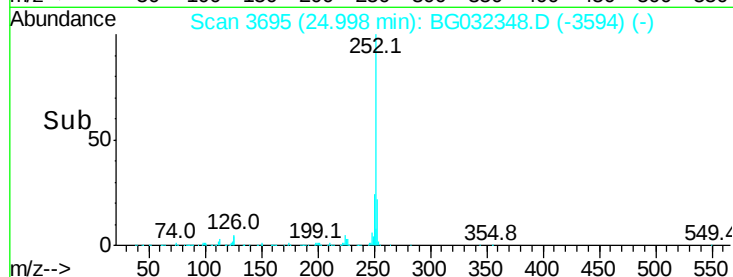
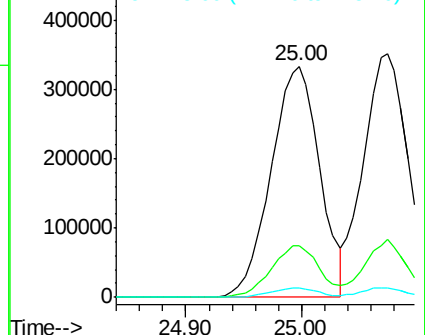
252 100

253 22.2 18.2 27.4

125 4.0 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.473 ng

RT: 25.07 min Scan# 3708

Delta R.T. 0.06 min

Lab File: BG032348.D

Acq: 27 Jan 2018 9:52

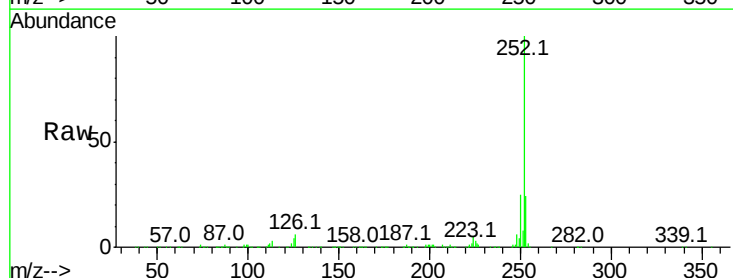
Tgt Ion:252 Resp: 946099

Ion Ratio Lower Upper

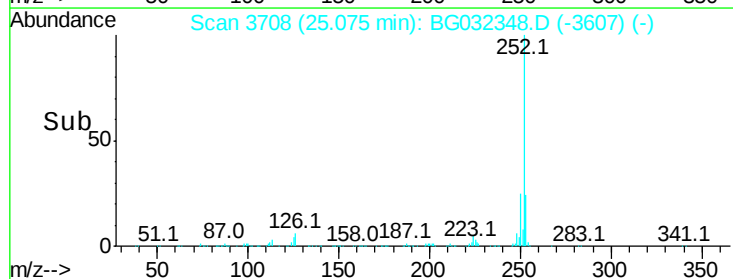
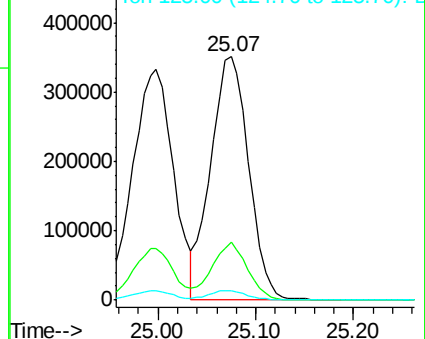
252 100

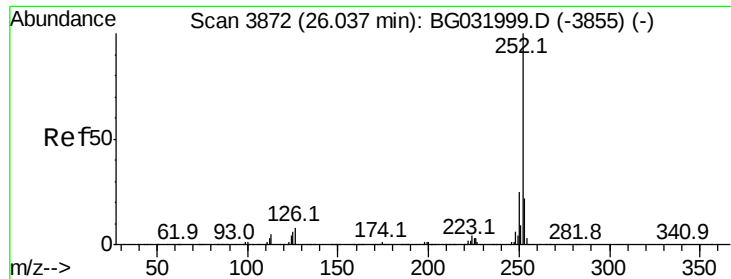
253 23.7 17.4 26.2

125 3.9 6.6 9.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.944 ng

RT: 26.02 min Scan# 3869

Delta R.T. 0.08 min

Lab File: BG032348.D

Acq: 27 Jan 2018 9:52

Instrument :

BNA_G

ClientSampleId :

PB105792BS

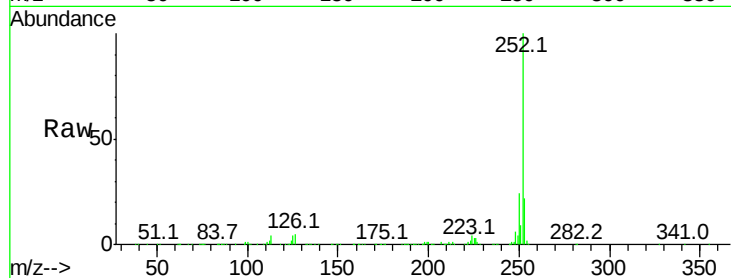
Tot Ion:252 Resp: 947624

Ion Ratio Lower Upper

252 100

253 22.1 18.3 27.5

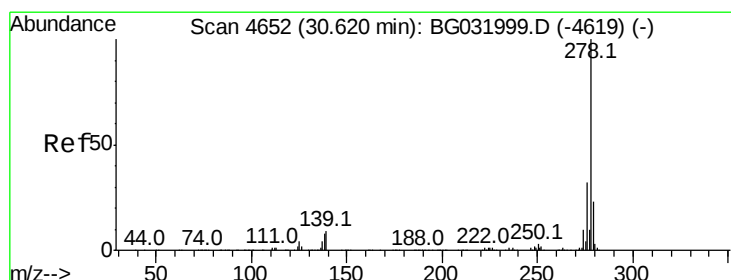
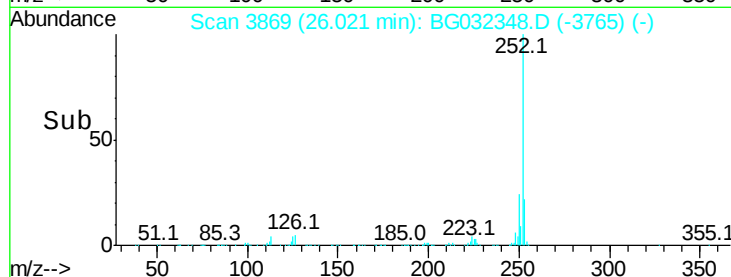
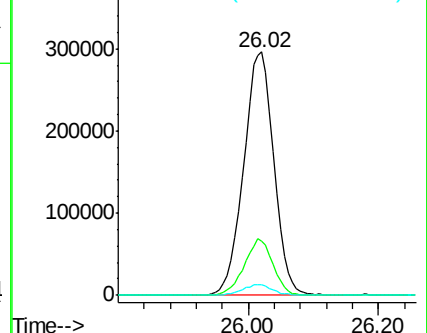
125 4.4 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.437 ng

RT: 30.63 min Scan# 4653

Delta R.T. 0.17 min

Lab File: BG032348.D

Acq: 27 Jan 2018 9:52

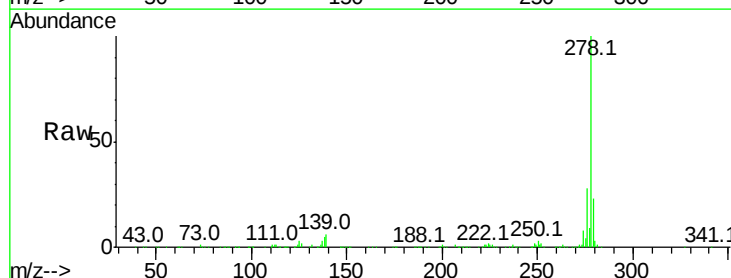
Tgt Ion:278 Resp: 964956

Ion Ratio Lower Upper

278 100

139 6.3 9.8 14.6#

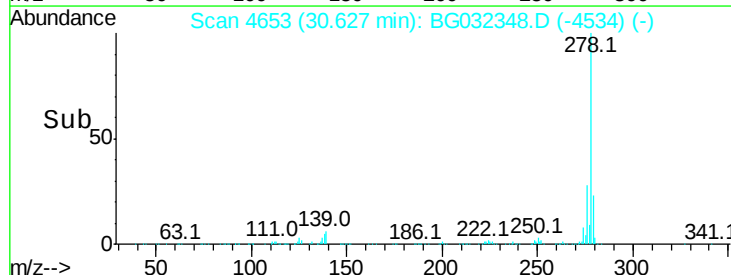
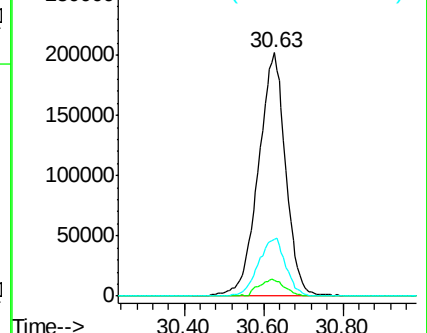
279 23.5 18.4 27.6

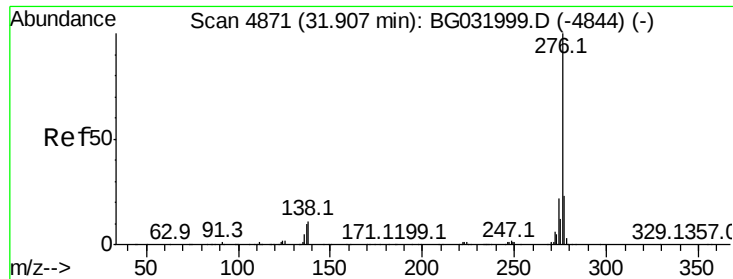


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 45.396 ng

RT: 31.91 min Scan# 4871

Delta R.T. 0.19 min

Lab File: BG032348.D

Acq: 27 Jan 2018 9:52

Instrument :

BNA_G

ClientSampleId :

PB105792BS

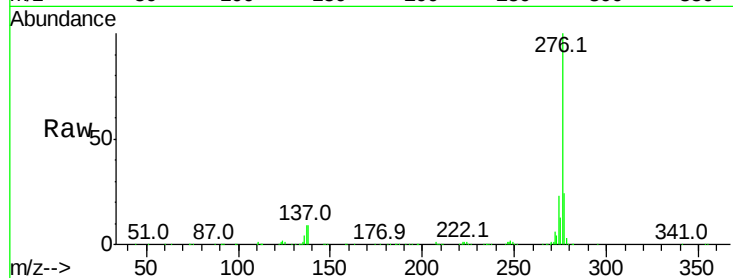
Tot Ion:276 Resp: 964164

Ion Ratio Lower Upper

276 100

277 24.4 18.3 27.5

138 8.6 13.9 20.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

