

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120417\
 Data File : BG031354.D
 Acq On : 4 Dec 2017 19:53
 Operator : SJ/JU
 Sample : PB104664BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104664BS

Quant Time: Dec 05 04:17:12 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	57096	20.00	ng	-0.03
21) Naphthalene-d8	10.94	136	250265	20.00	ng	-0.03
38) Acenaphthene-d10	14.75	164	166247	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	437308	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	511315	20.00	ng	-0.02
86) Perylene-d12	25.06	264	512685	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	520225	156.24	ng	-0.02
7) Phenol-d6	7.30	99	659432	147.00	ng	0.00
23) Nitrobenzene-d5	9.29	82	374333	88.63	ng	-0.03
41) 2,4,6-Tribromophenol	16.24	330	320849	119.30	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	1092926	94.46	ng	-0.03
78) Terphenyl-d14	20.08	244	2042164	88.19	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	55742	41.253	ng	# 82
3) Pyridine	3.94	79	150115	38.268	ng	# 89
4) n-Nitrosodimethylamine	3.85	42	70803	38.084	ng	# 88
6) Aniline	7.45	93	106337	18.013	ng	# 96
8) 2-Chlorophenol	7.70	128	182332	49.621	ng	# 87
9) Benzaldehyde	7.26	77	66178	21.082	ng	# 87
10) Phenol	7.33	94	222749	47.816	ng	# 94
11) bis(2-Chloroethyl)ether	7.54	93	155777	41.880	ng	# 88
12) 1,3-Dichlorobenzene	8.01	146	189076	43.858	ng	# 96
13) 1,4-Dichlorobenzene	8.16	146	193913	44.387	ng	# 96
14) 1,2-Dichlorobenzene	8.48	146	186636	44.510	ng	# 97
15) Benzyl Alcohol	8.37	79	144713	40.218	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	8.65	45	227701	55.422	ng	# 92
17) 2-Methylphenol	8.58	107	148469	45.767	ng	# 93
18) Hexachloroethane	9.21	117	66079	43.459	ng	# 91
19) n-Nitroso-di-n-propylamine	8.93	70	121928	35.748	ng	# 93
20) 3+4-Methylphenols	8.91	107	206723	44.815	ng	# 93
22) Acetophenone	8.95	105	242962	38.990	ng	# 93
24) Nitrobenzene	9.34	77	183527	42.540	ng	# 89
25) Isophorone	9.86	82	340696	41.363	ng	# 92
26) 2-Nitrophenol	10.05	139	103358	45.962	ng	# 85
27) 2,4-Dimethylphenol	10.11	122	168871	50.583	ng	# 93
28) bis(2-Chloroethoxy)methane	10.33	93	218962	42.208	ng	# 94
29) 2,4-Dichlorophenol	10.60	162	194160	48.432	ng	# 95
30) 1,2,4-Trichlorobenzene	10.80	180	214350	44.784	ng	# 96
31) Naphthalene	10.99	128	530325	43.106	ng	# 98
32) Benzoic acid	10.27	122	71672	28.397	ng	# 80
33) 4-Chloroaniline	11.12	127	59144	10.982	ng	# 90
34) Hexachlorobutadiene	11.27	225	139025	41.883	ng	# 97
35) Caprolactam	11.87	113	38249	23.356	ng	# 74
36) 4-Chloro-3-methylphenol	12.23	107	191094	43.796	ng	# 89
37) 2-Methylnaphthalene	12.59	142	416552	43.860	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	257500	39.026	ng	# 96
40) Hexachlorocyclopentadiene	12.93	237	221827	89.448	ng	# 92

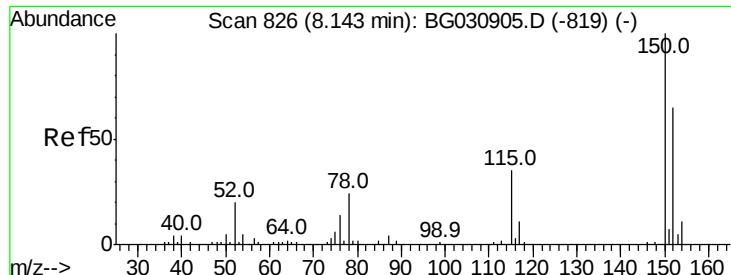
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120417\
 Data File : BG031354.D
 Acq On : 4 Dec 2017 19:53
 Operator : SJ/JU
 Sample : PB104664BS
 Misc :
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Instrument :
 BNA_G
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Quant Time: Dec 05 04:17:12 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	173931	46.111	nq	99
43) 2,4,5-Trichlorophenol	13.28	196	189590	45.938	nq #	93
45) 1,1'-Biphenyl	13.58	154	546525	39.644	nq	97
46) 2-Chloronaphthalene	13.63	162	453592	45.603	nq	96
47) 2-Nitroaniline	13.84	65	121217	41.117	nq #	76
48) Acenaphthylene	14.48	152	691703	42.489	nq	99
49) Dimethylphthalate	14.20	163	605703	42.138	nq	99
50) 2,6-Dinitrotoluene	14.32	165	138995	46.914	nq #	74
51) Acenaphthene	14.81	154	430972	42.389	nq	99
52) 3-Nitroaniline	14.66	138	63306	20.123	nq #	79
53) 2,4-Dinitrophenol	14.88	184	106039	66.152	nq #	47
54) Dibenzofuran	15.15	168	719326	44.418	nq	99
55) 4-Nitrophenol	14.99	139	189158	84.409	nq #	74
56) 2,4-Dinitrotoluene	15.12	165	202184	47.204	nq #	71
57) Fluorene	15.79	166	575995	43.809	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.38	232	188547	47.935	nq #	89
59) Diethylphthalate	15.55	149	605166	41.446	nq	99
60) 4-Chlorophenyl-phenylether	15.78	204	345715	43.538	nq	91
61) 4-Nitroaniline	15.82	138	146425	43.955	nq	86
62) Azobenzene	16.07	77	478975	43.013	nq	93
64) 4,6-Dinitro-2-methylphenol	15.89	198	100230	34.482	nq #	74
65) n-Nitrosodiphenylamine	15.99	169	540081	40.756	nq	100
66) 4-Bromophenyl-phenylether	16.67	248	228658	41.284	nq	97
67) Hexachlorobenzene	16.80	284	234424	39.833	nq	95
68) Atrazine	16.94	200	232812	42.581	nq	98
69) Pentachlorophenol	17.15	266	218592	67.194	nq	97
70) Phenanthrene	17.53	178	1006955	44.224	nq	99
71) Anthracene	17.63	178	1032690	45.264	nq	99
72) Carbazole	17.90	167	952761	44.569	nq	99
73) Di-n-butylphthalate	18.43	149	1093092	41.645	nq	99
74) Fluoranthene	19.54	202	1339514	46.464	nq	98
76) Benzidine	19.71	184	383951	23.377	nq	97
77) Pyrene	19.89	202	1374558	45.303	nq	96
79) Butylbenzylphthalate	20.76	149	535532	44.268	nq #	83
80) Benzo(a)anthracene	21.75	228	1378075	43.389	nq	97
81) 3,3'-Dichlorobenzidine	21.65	252	289960	22.617	nq #	99
82) Chrysene	21.82	228	1315436	44.773	nq	97
83) Bis(2-ethylhexyl)phthalate	21.62	149	744373	42.626	nq	99
84) Di-n-octyl phthalate	22.84	149	1269477	44.664	nq #	93
85) Indeno(1,2,3-cd)pyrene	28.84	276	1539685	43.108	nq #	80
87) Benzo(b)fluoranthene	24.01	252	1379482	44.482	nq	99
88) Benzo(k)fluoranthene	24.08	252	1371446	44.615	nq	97
89) Benzo(a)pyrene	24.91	252	1351005	45.857	nq	98
90) Dibenzo(a,h)anthracene	28.90	278	1284891	42.669	nq	98
91) Benzo(g,h,i)perylene	30.03	276	1260435	43.127	nq	98

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

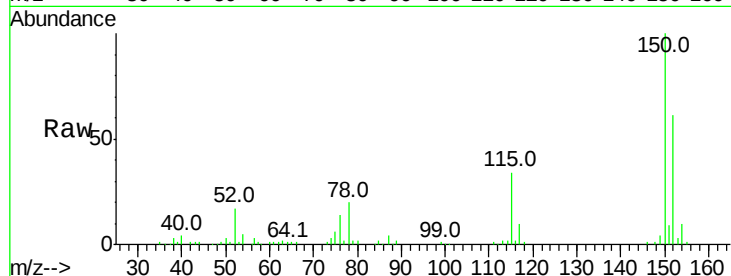


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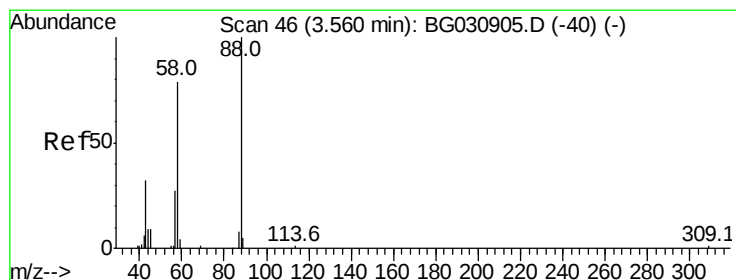
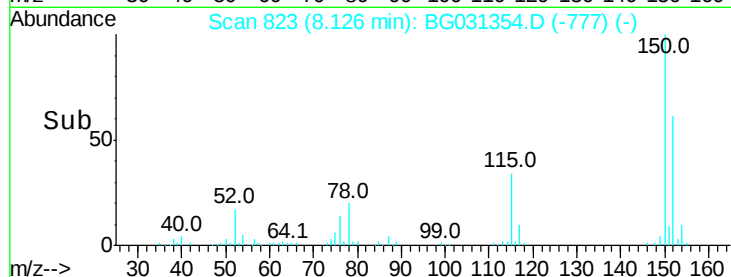
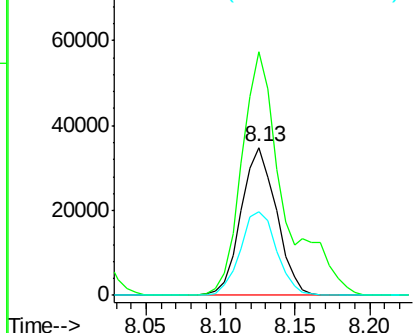
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Concen: 20.000 ng
RT: 8.13 min Scan# 823
Delta R.T. -0.03 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Instrument :
BNA_G
ClientSampleId :
PB104664BS

Tot Ion:152 Resp: 57096
Ion Ratio Lower Upper
152 100
150 164.3 126.6 189.8
115 56.5 53.0 79.4



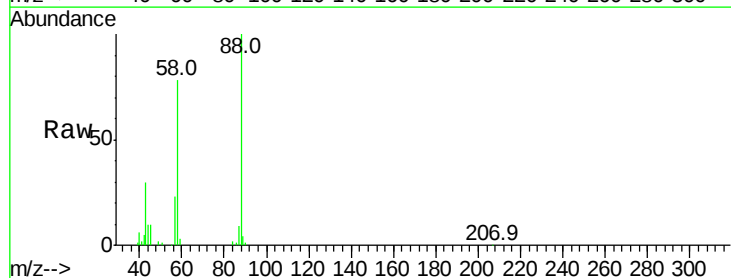
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



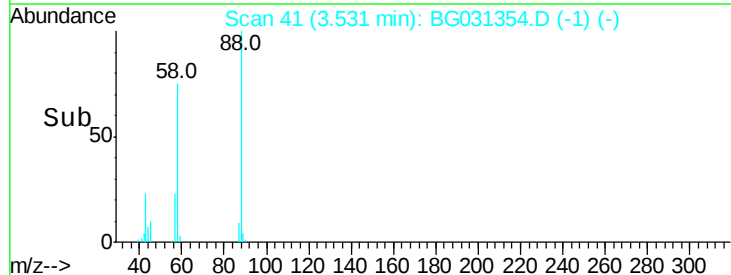
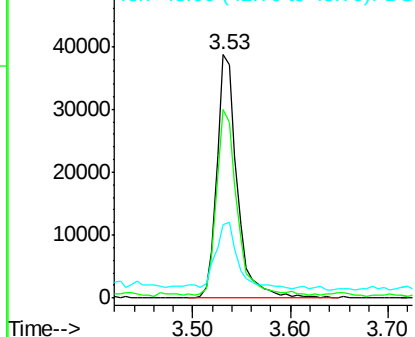
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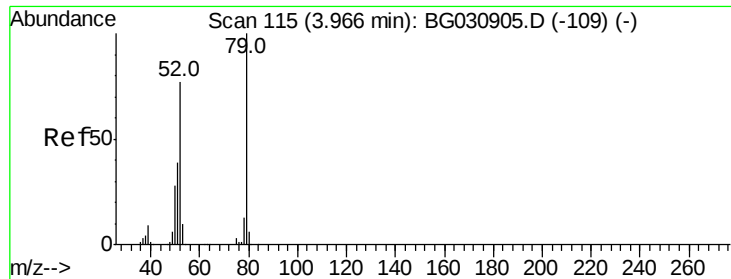
1,4-Dioxane
Concen: 41.253 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.04 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Tgt Ion: 88 Resp: 55742
Ion Ratio Lower Upper
88 100
58 78.4 79.6 119.4#
43 29.1 27.4 41.0



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





#3

Pvridine

Concen: 38.268 ng

RT: 3.94 min Scan# 111

Delta R.T. -0.03 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Instrument :

BNA_G

ClientSampleId :

PB104664BS

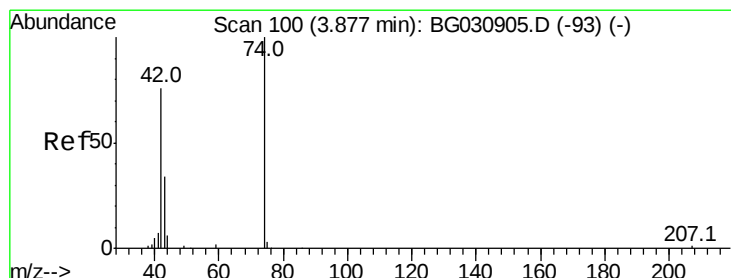
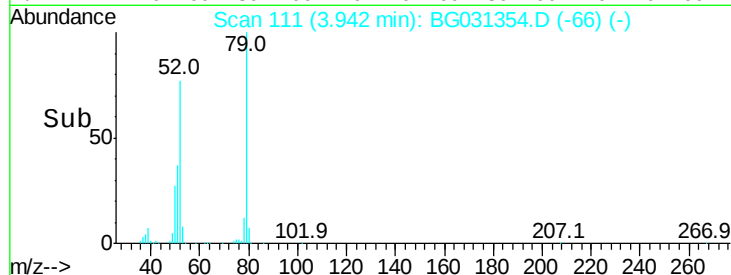
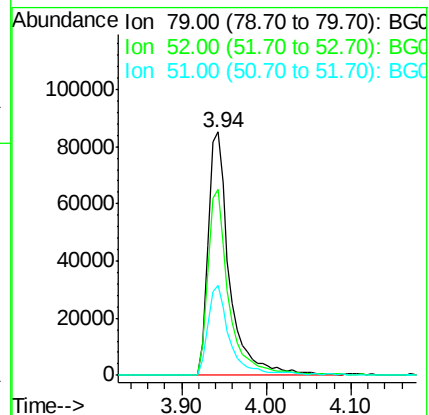
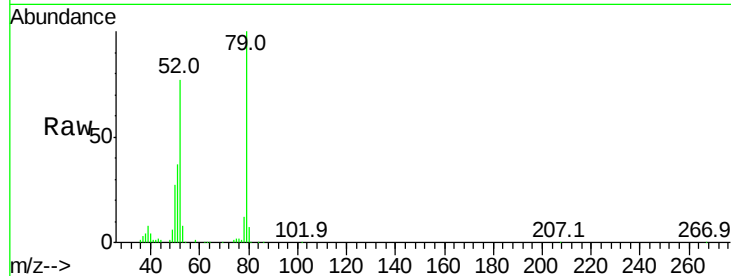
Tot Ion: 79 Resp: 150115

Ion Ratio Lower Upper

79 100

52 76.5 69.9 104.9

51 36.8 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 38.084 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.03 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

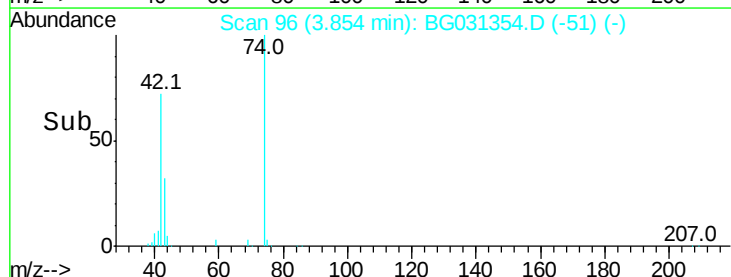
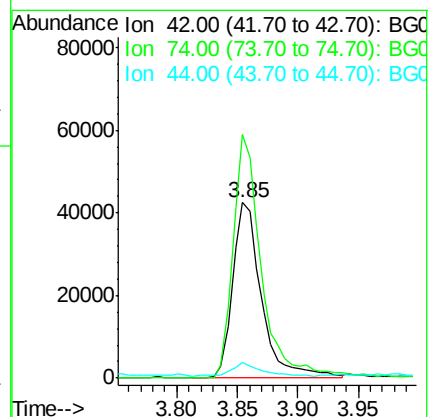
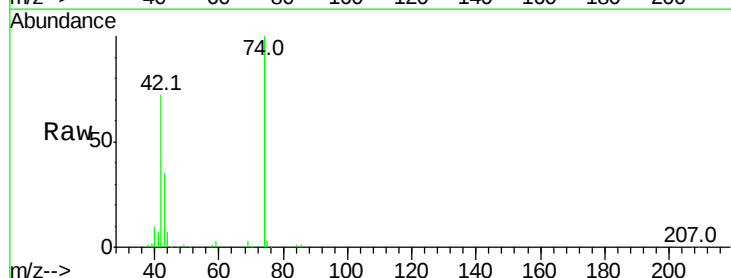
Tgt Ion: 42 Resp: 70803

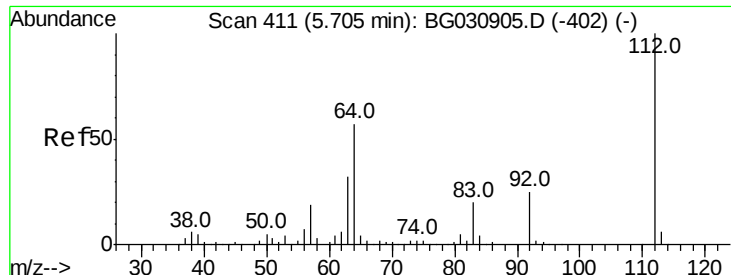
Ion Ratio Lower Upper

42 100

74 138.7 102.5 153.7

44 9.2 18.9 28.3#





#5

2-Fluorophenol

Concen: 156.239 ng

RT: 5.69 min Scan# 408

Delta R.T. -0.02 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Instrument :

BNA_G

ClientSampleId :

PB104664BS

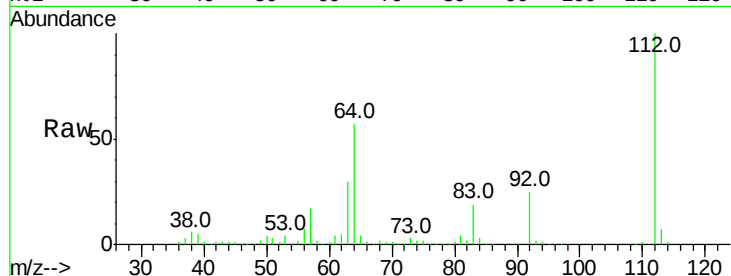
Tot Ion:112 Resp: 520225

Ion Ratio Lower Upper

112 100

64 57.4 56.3 84.5

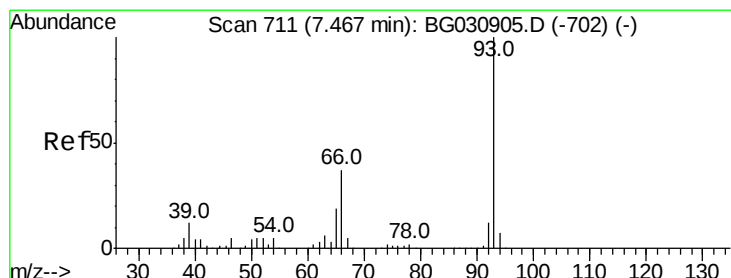
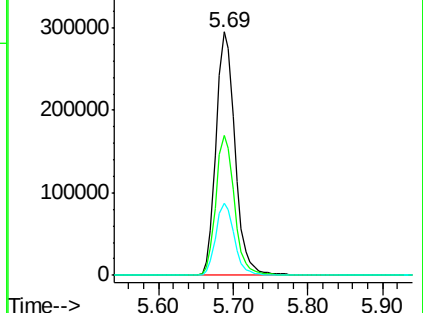
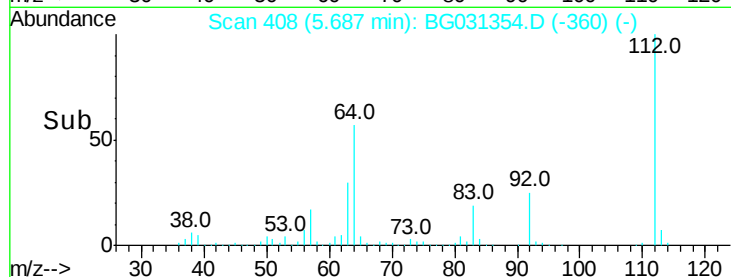
63 29.8 30.1 45.1#



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: 18.013 ng

RT: 7.45 min Scan# 708

Delta R.T. -0.02 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

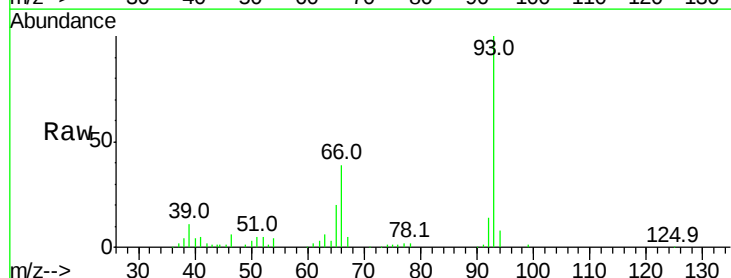
Tgt Ion: 93 Resp: 106337

Ion Ratio Lower Upper

93 100

66 38.5 33.7 50.5

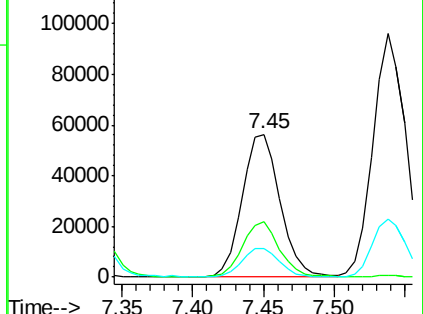
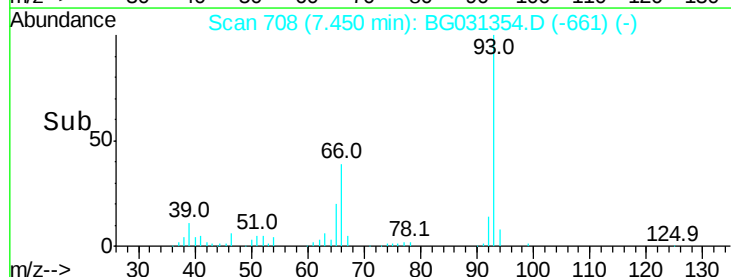
65 19.7 16.1 24.1

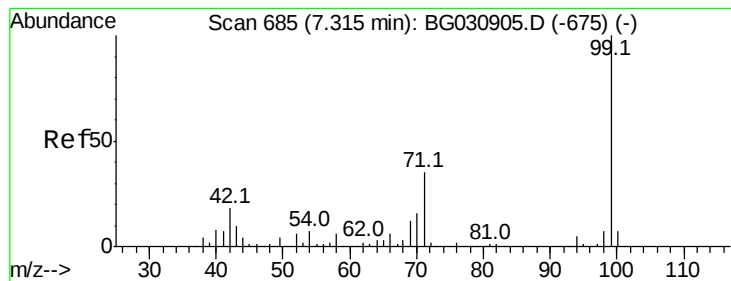


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 147.004 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Instrument :

BNA_G

ClientSampleId :

PB104664BS

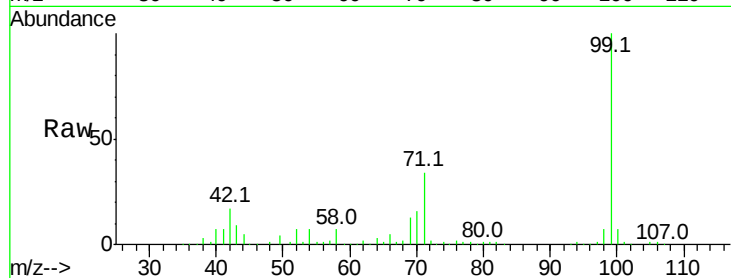
Tot Ion: 99 Resp: 659432

Ion Ratio Lower Upper

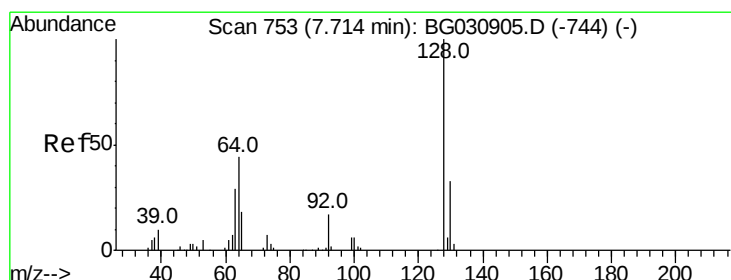
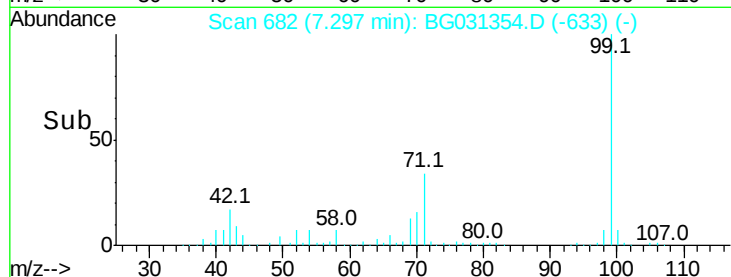
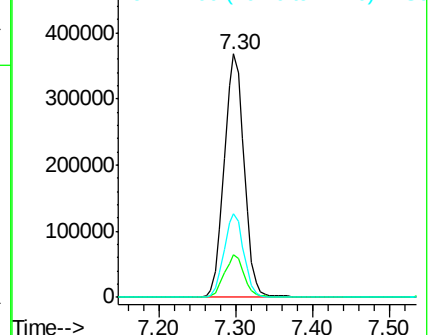
99 100

42 17.4 14.1 21.1

71 34.5 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 49.621 ng

RT: 7.70 min Scan# 750

Delta R.T. -0.02 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

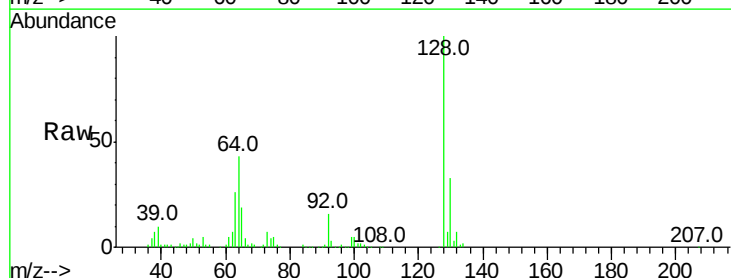
Tgt Ion: 128 Resp: 182332

Ion Ratio Lower Upper

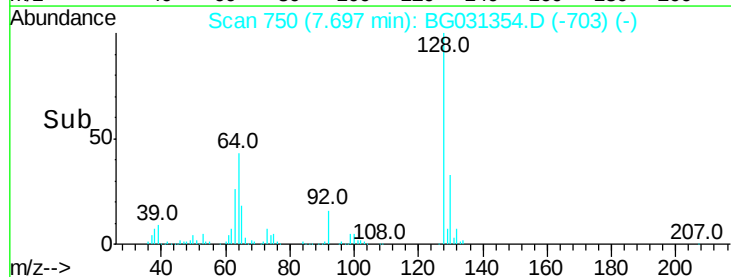
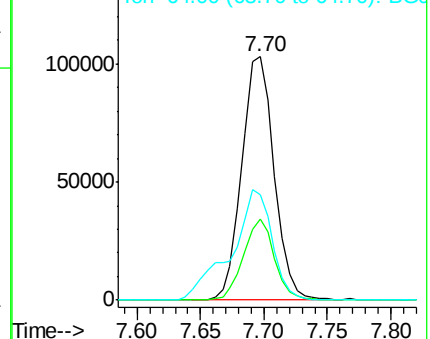
128 100

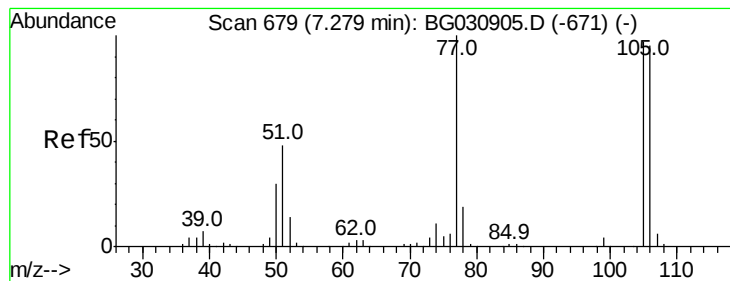
130 33.1 14.0 54.0

64 43.1 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: 21.082 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.03 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Instrument :

BNA_G

ClientSampleId :

PB104664BS

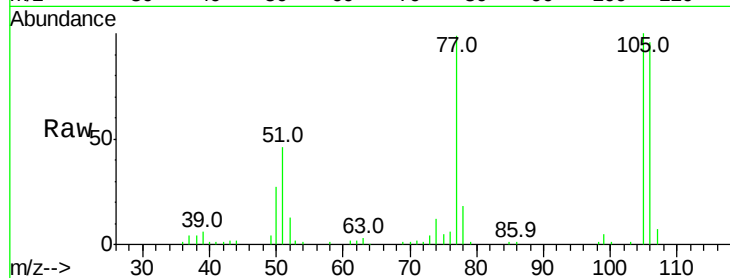
Tot Ion: 77 Resp: 66178

Ion Ratio Lower Upper

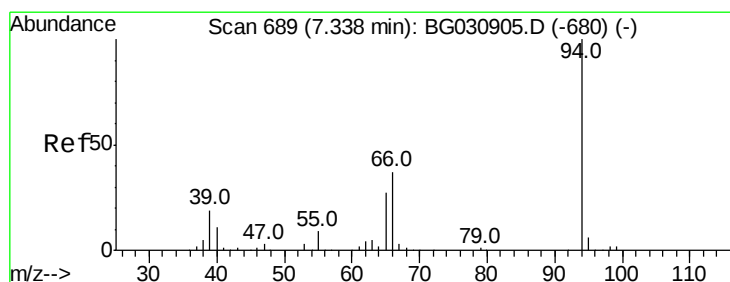
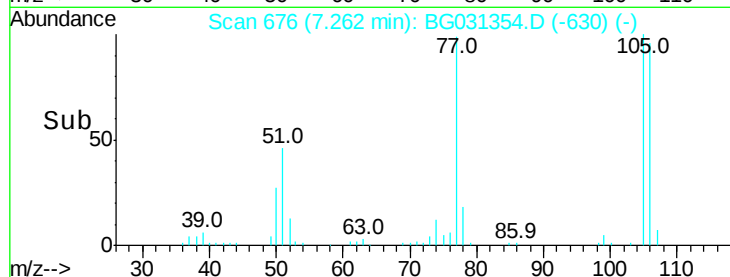
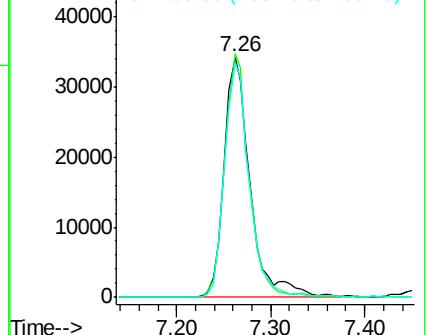
77 100

105 101.4 71.3 111.3

106 97.8 64.2 104.2



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



#10

Phenol

Concen: 47.816 ng

RT: 7.33 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

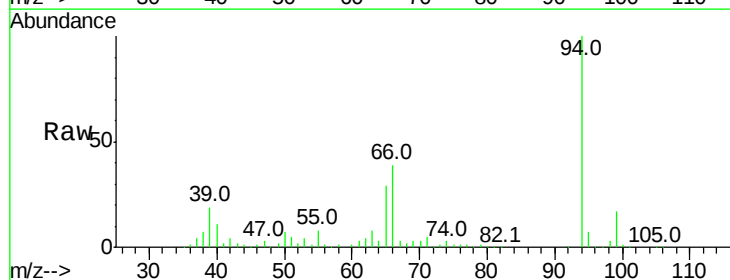
Tgt Ion: 94 Resp: 222749

Ion Ratio Lower Upper

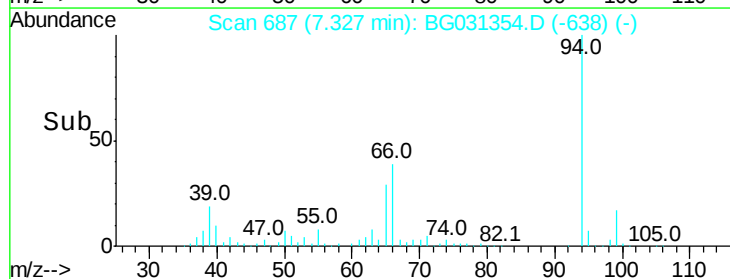
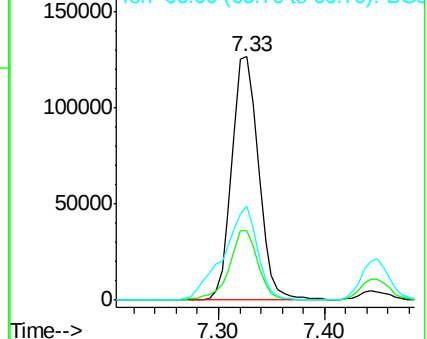
94 100

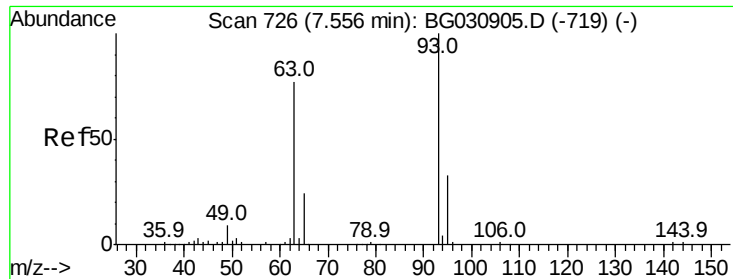
65 28.5 11.9 51.9

66 38.7 22.2 62.2



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





#11

bis(2-Chloroethyl)ether

Concen: 41.880 ng

RT: 7.54 min Scan# 723

Delta R.T. -0.03 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Instrument :

BNA_G

ClientSampleId :

PB104664BS

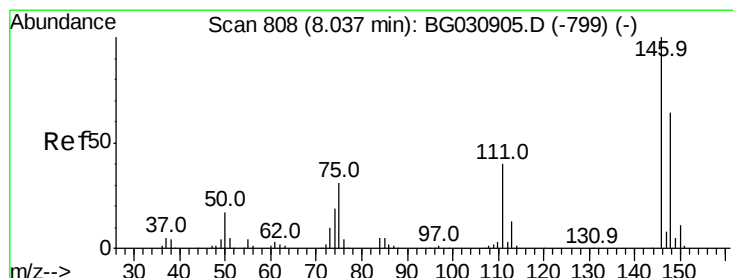
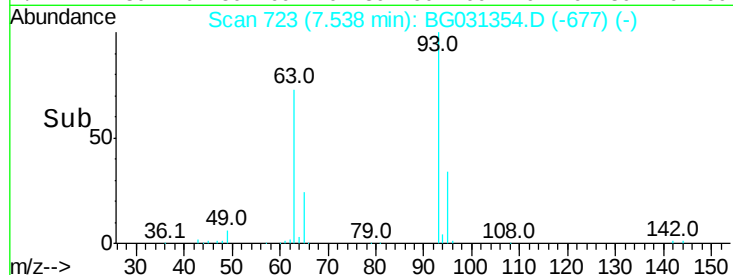
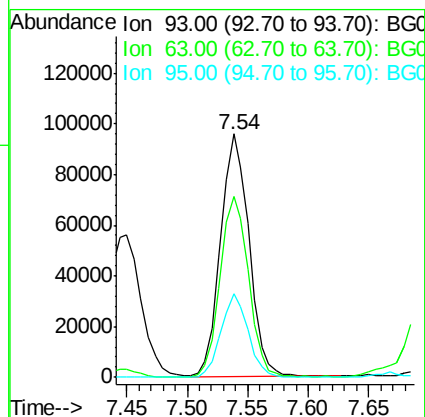
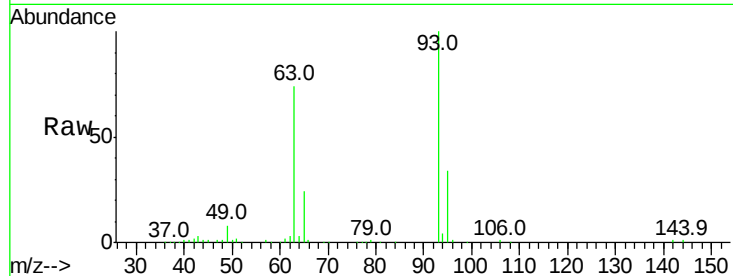
Tot Ion: 93 Resp: 155777

Ion Ratio Lower Upper

93 100

63 74.2 67.1 107.1

95 34.2 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 43.858 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.03 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

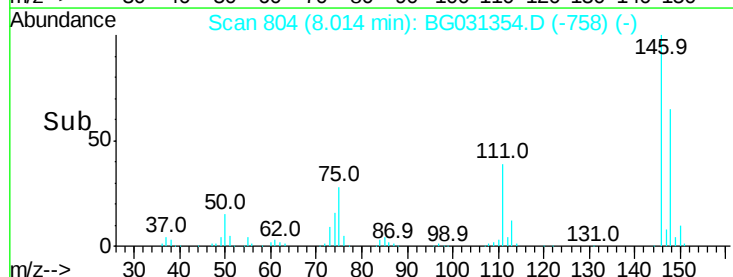
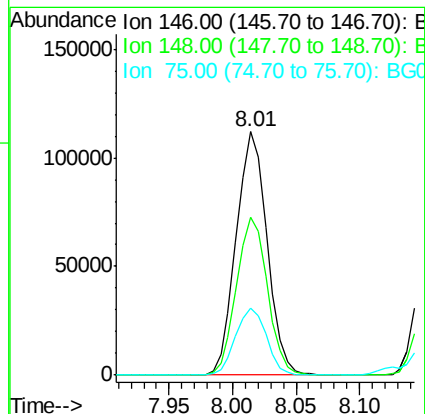
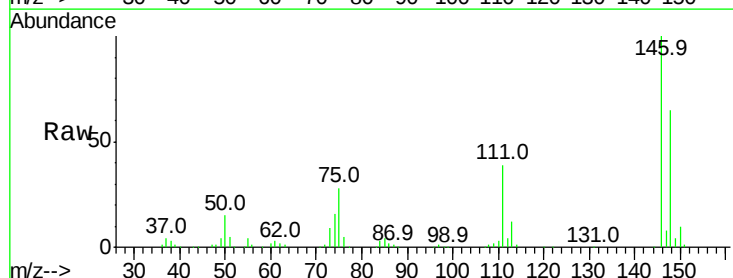
Tgt Ion: 146 Resp: 189076

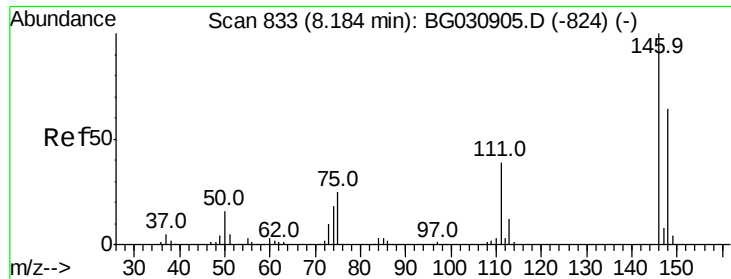
Ion Ratio Lower Upper

146 100

148 65.1 51.4 77.2

75 27.6 26.6 39.8

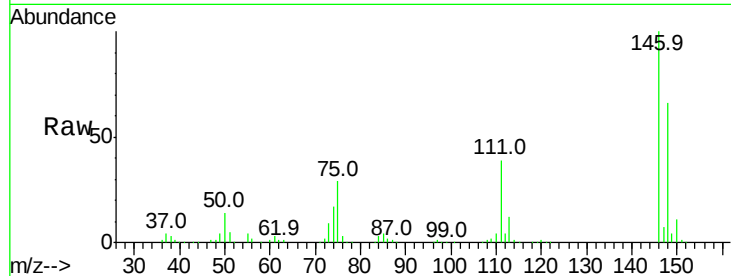




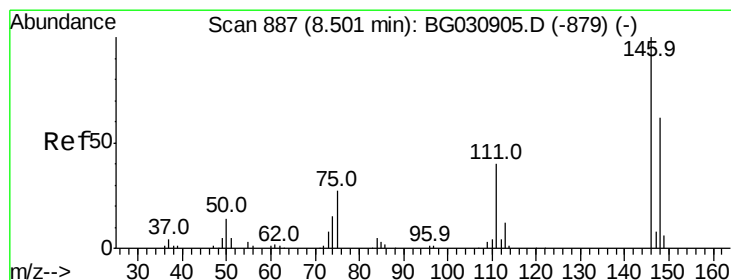
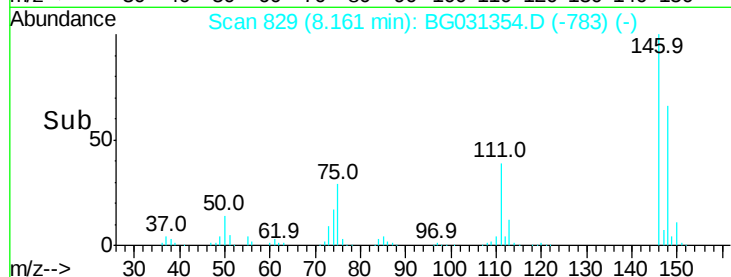
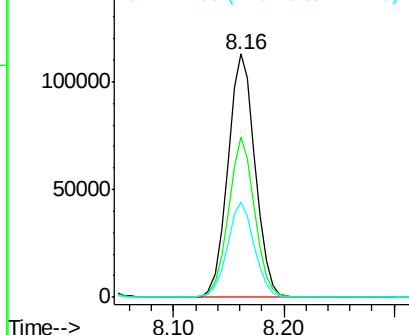
#13
 1,4-Dichlorobenzene
 Concen: 44.387 ng
 RT: 8.16 min Scan# 829
 Delta R.T. -0.03 min
 Lab File: BG031354.D
 Acq: 4 Dec 2017 19:53

Instrument :
 BNA_G
 ClientSampleId :
 PB104664BS

Tot Ion:146 Resp: 193913
 Ion Ratio Lower Upper
 146 100
 148 65.6 53.7 80.5
 111 39.3 35.2 52.8

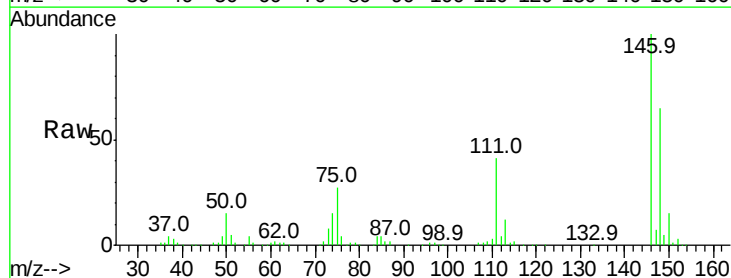


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

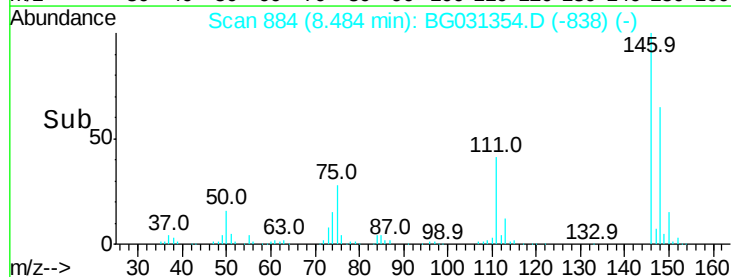
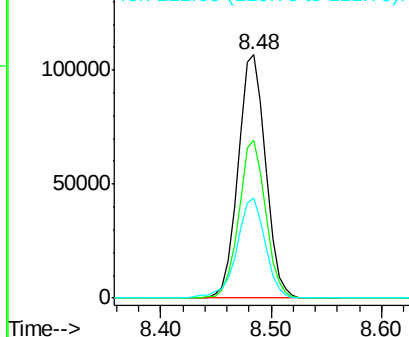


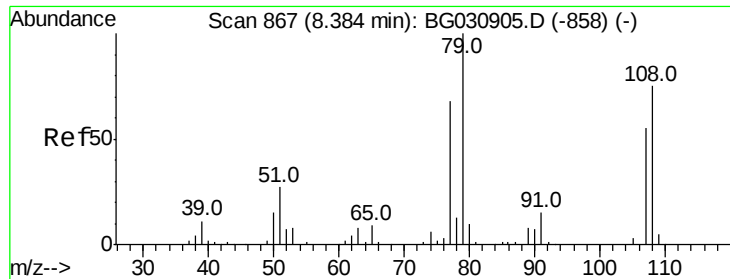
#14
 1,2-Dichlorobenzene
 Concen: 44.510 ng
 RT: 8.48 min Scan# 884
 Delta R.T. -0.03 min
 Lab File: BG031354.D
 Acq: 4 Dec 2017 19:53

Tgt Ion:146 Resp: 186636
 Ion Ratio Lower Upper
 146 100
 148 64.8 49.3 73.9
 111 41.4 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: 40.218 ng

RT: 8.37 min Scan# 864

Delta R.T. -0.02 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Instrument :

BNA_G

ClientSampleId :

PB104664BS

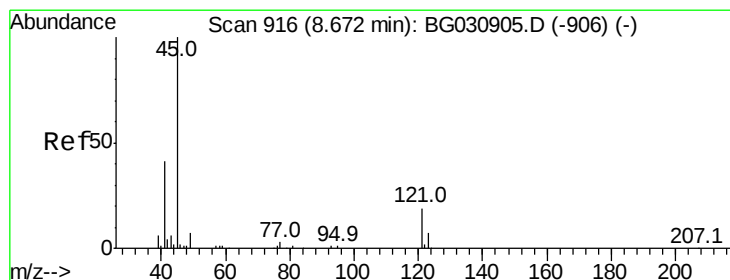
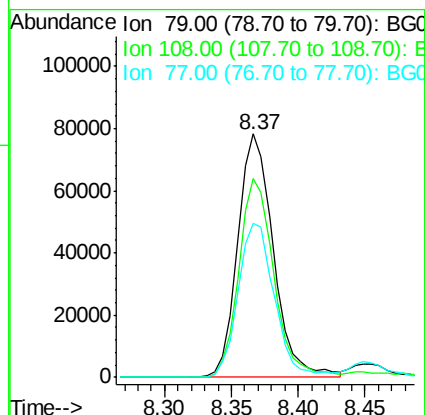
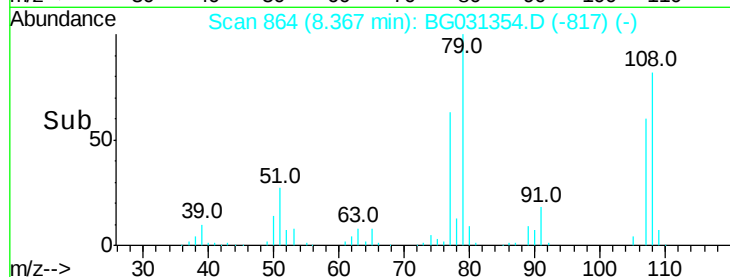
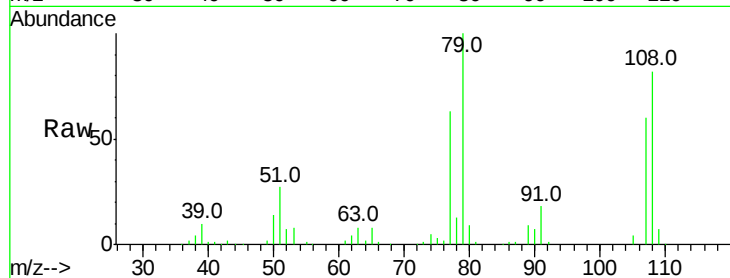
Tot Ion: 79 Resp: 144713

Ion Ratio Lower Upper

79 100

108 81.7 57.2 85.8

77 63.2 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 55.422 ng

RT: 8.65 min Scan# 913

Delta R.T. -0.02 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

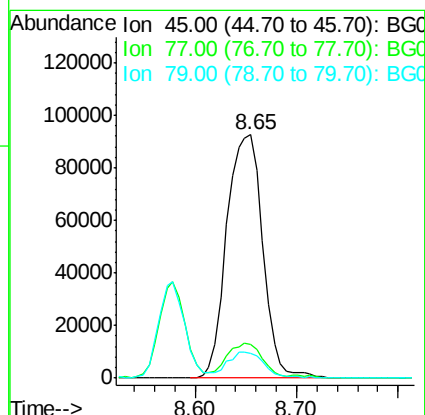
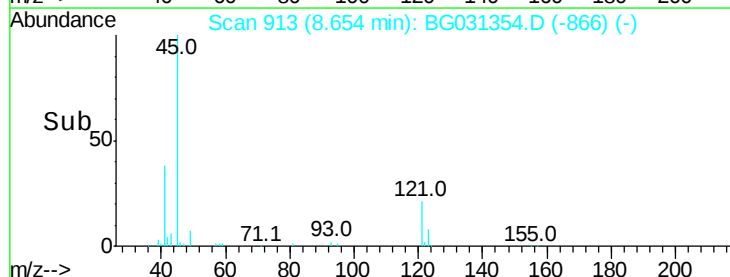
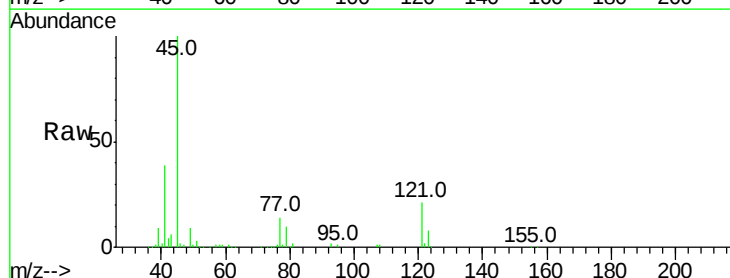
Tgt Ion: 45 Resp: 227701

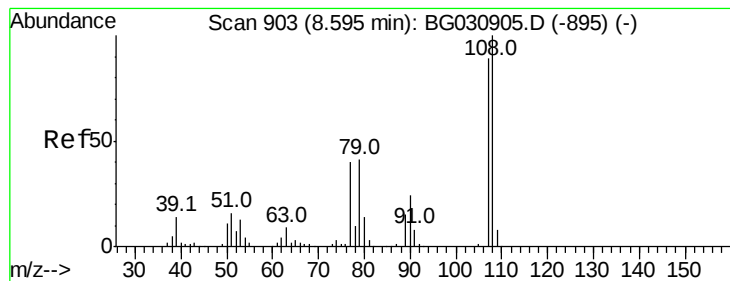
Ion Ratio Lower Upper

45 100

77 13.9 0.0 30.2

79 9.9 0.0 27.9





#17

2-Methylphenol

Concen: 45.767 ng

RT: 8.58 min Scan# 900

Delta R.T. -0.02 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Instrument :

BNA_G

ClientSampleId :

PB104664BS

Tot Ion:107 Resp: 148469

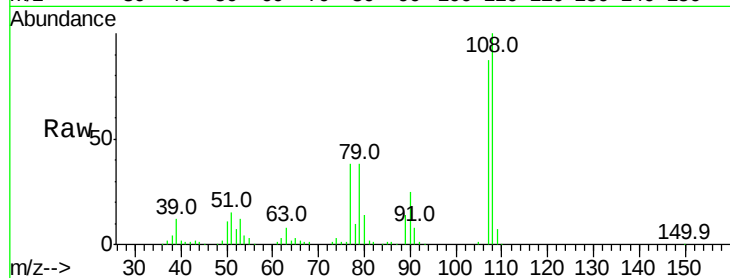
Ion Ratio Lower Upper

107 100

108 115.1 83.9 125.9

77 43.9 37.2 55.8

79 43.5 36.2 54.2

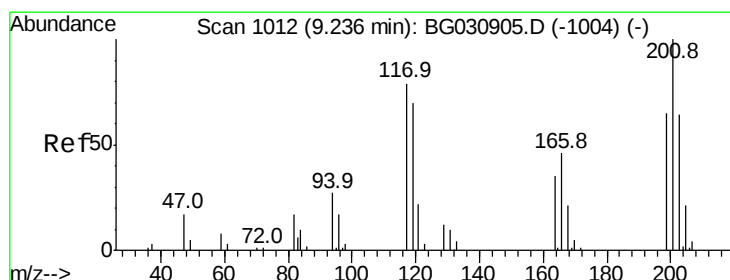
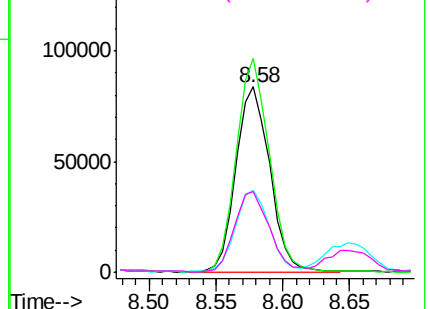
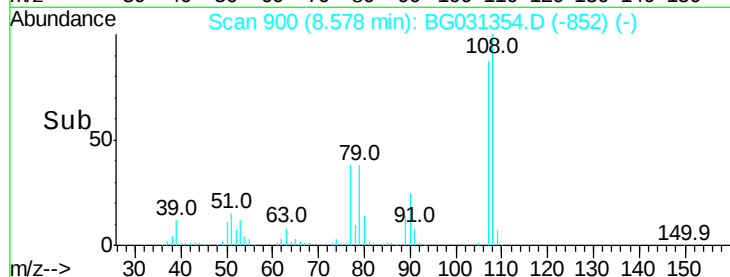


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 43.459 ng

RT: 9.21 min Scan# 1008

Delta R.T. -0.03 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

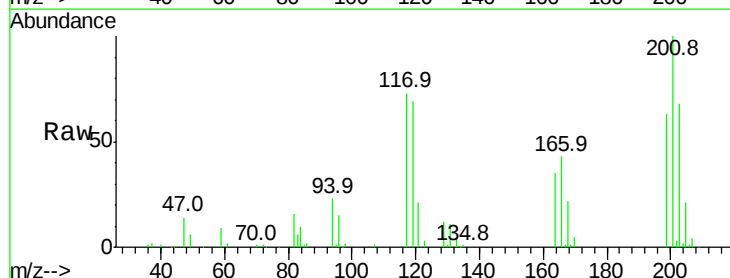
Tgt Ion:117 Resp: 66079

Ion Ratio Lower Upper

117 100

119 95.8 76.7 115.1

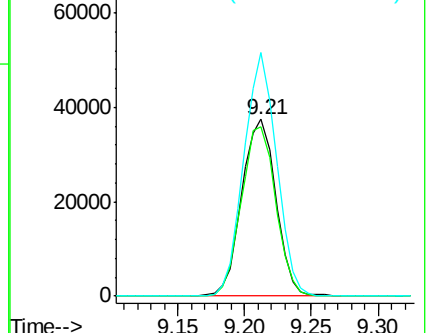
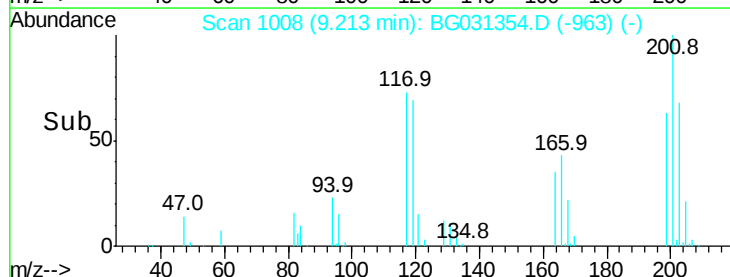
201 137.9 95.7 143.5

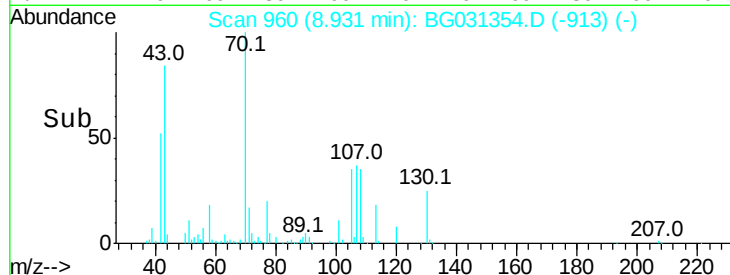
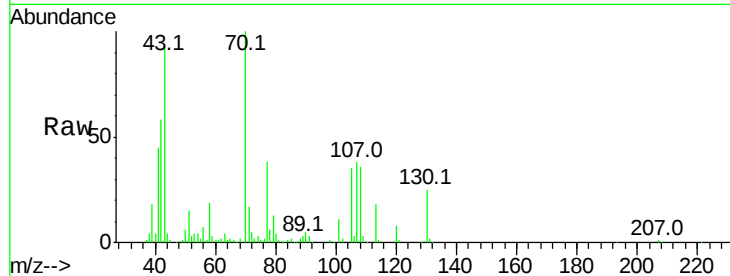
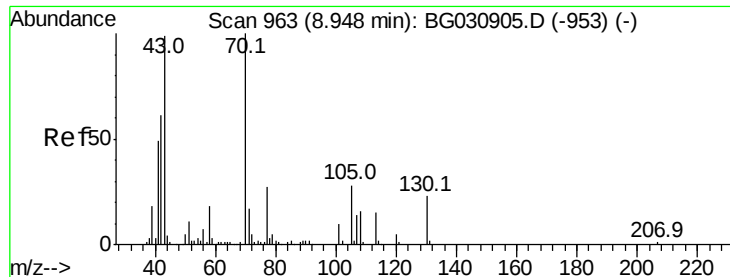


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

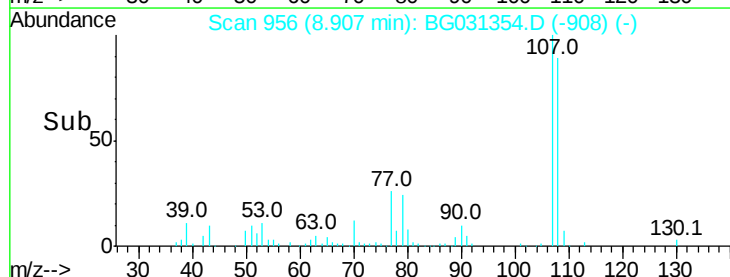
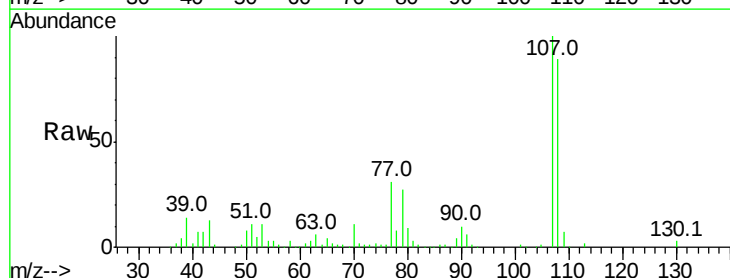
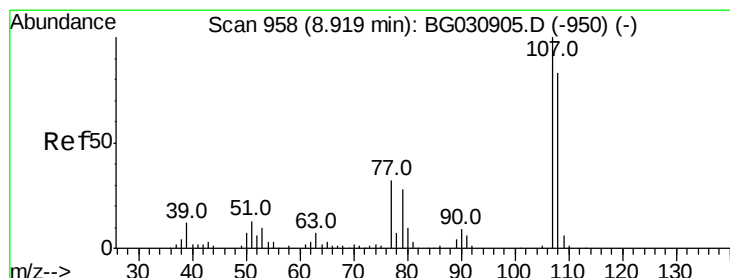
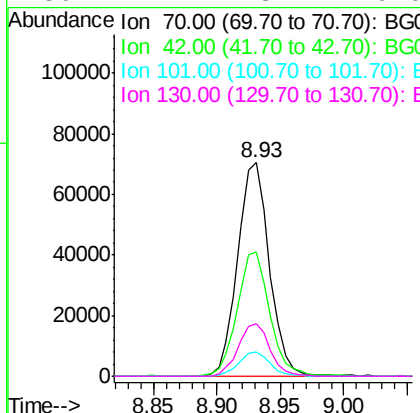




#19
n-Nitroso-di-n-propylamine
Concen: 35.748 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.02 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

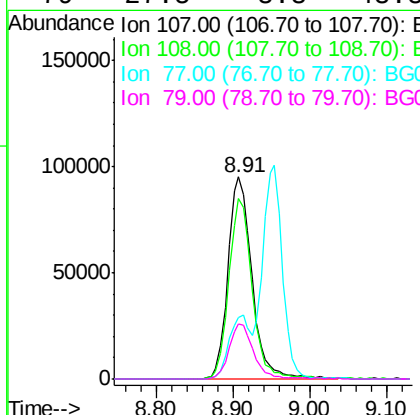
Instrument :
BNA_G
ClientSampleId :
PB104664BS

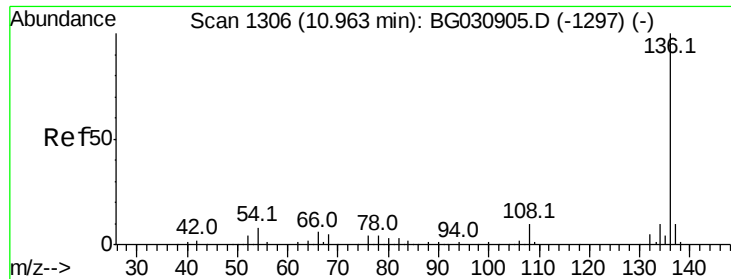
Tot Ion: 70 Resp: 121928
Ion Ratio Lower Upper
70 100
42 58.2 49.1 73.7
101 11.2 8.5 12.7
130 24.7 13.4 20.0#



#20
3+4-Methylphenols
Concen: 44.815 ng
RT: 8.91 min Scan# 956
Delta R.T. -0.02 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Tgt Ion: 107 Resp: 206723
Ion Ratio Lower Upper
107 100
108 89.2 61.6 101.6
77 30.5 13.9 53.9
79 27.5 8.8 48.8

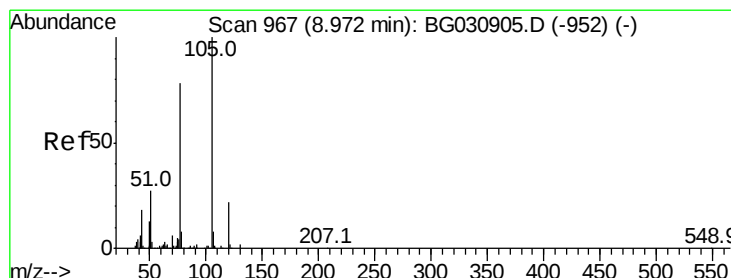
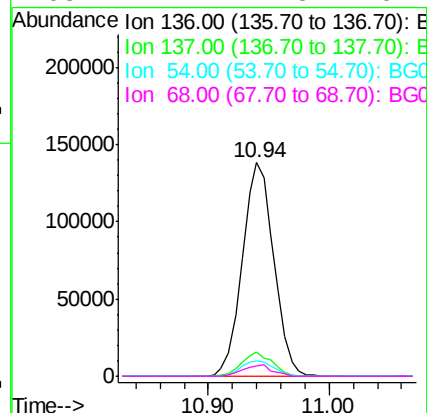
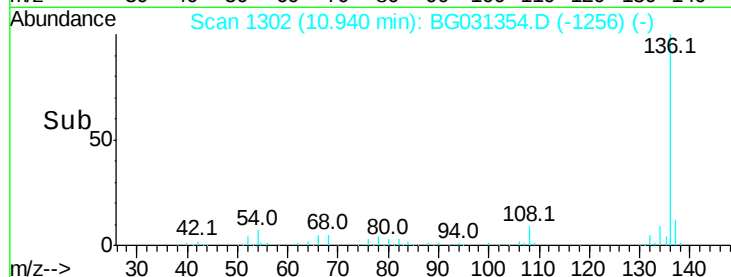
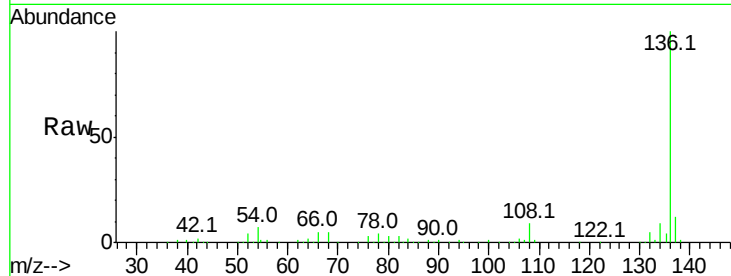




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.03 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

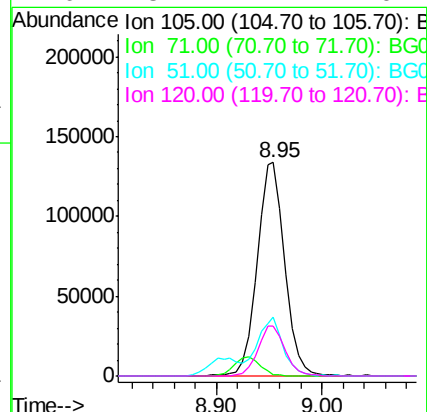
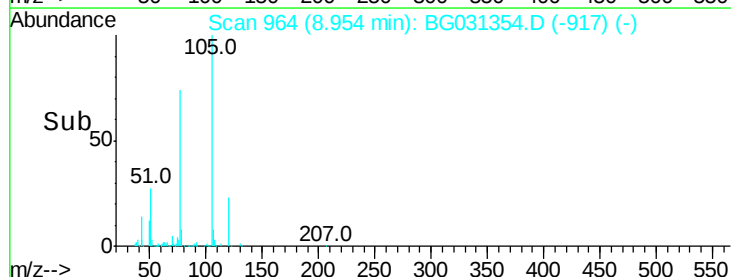
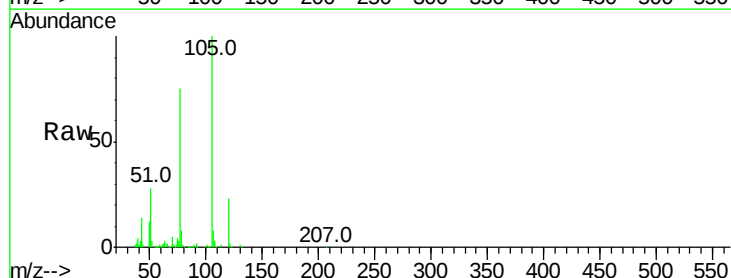
Instrument :
BNA_G
ClientSampleId :
PB104664BS

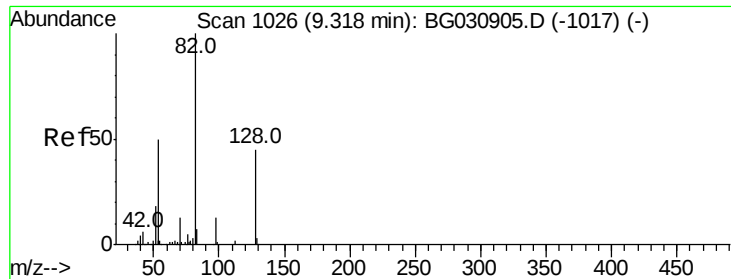
Tot Ion:136	Resp:	250265
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.2 13.8
54	7.8	10.3 15.5#
68	4.7	4.5 6.7



#22
Acetophenone
Concen: 38.990 ng
RT: 8.95 min Scan# 964
Delta R.T. -0.02 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Tgt Ion:105	Resp:	242962
Ion Ratio	Lower	Upper
105	100	
71	0.8	3.0 4.4#
51	27.5	26.1 39.1
120	23.2	17.4 26.2

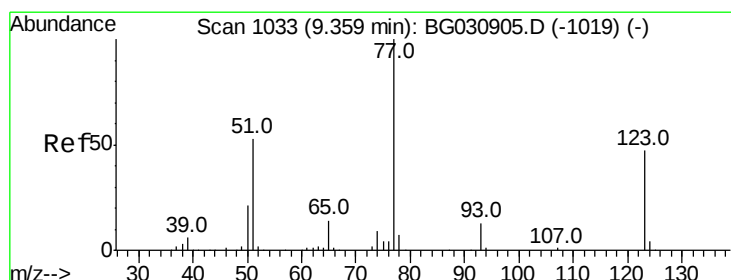
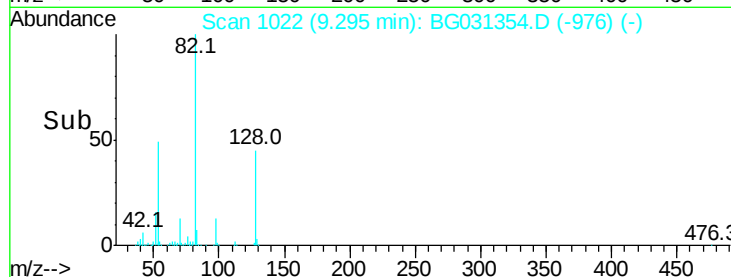
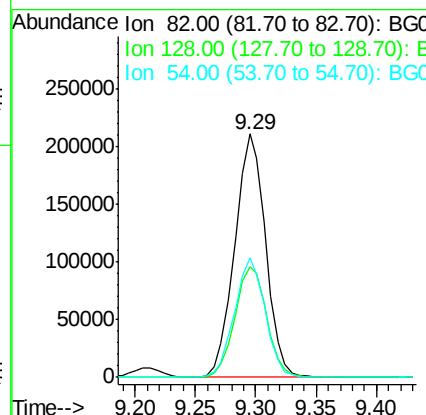
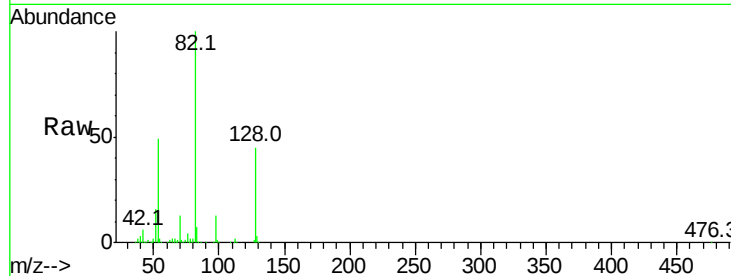




#23
Nitrobenzene-d5
Concen: 88.632 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

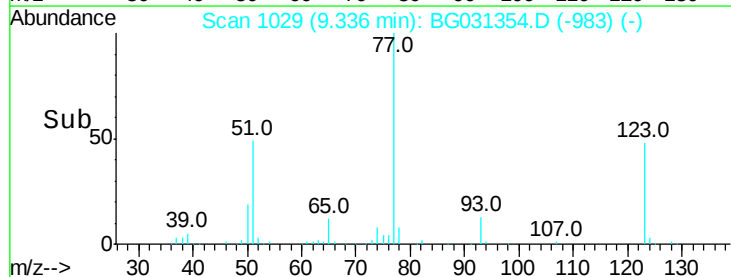
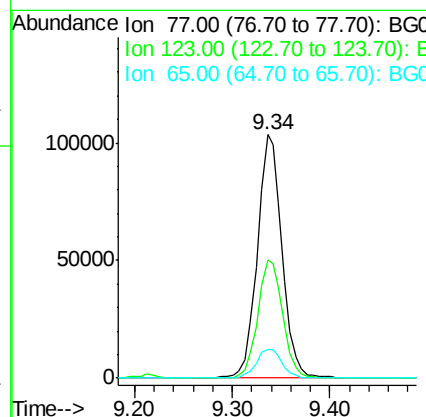
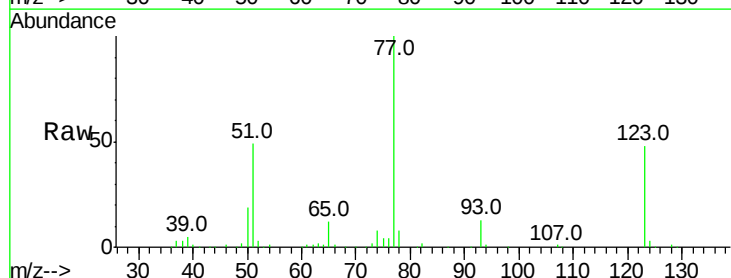
Instrument :
BNA_G
ClientSampled :
PB104664BS

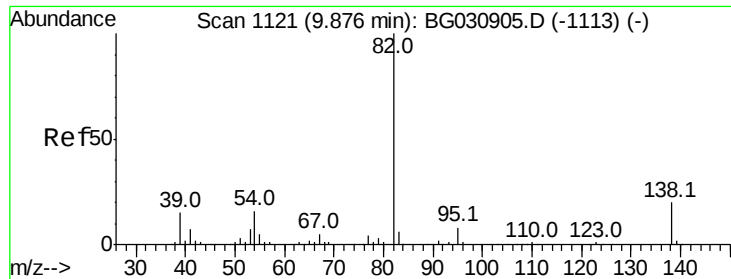
Tot Ion: 82 Resp: 374333
Ion Ratio Lower Upper
82 100
128 45.2 29.7 44.5#
54 49.2 43.1 64.7



#24
Nitrobenzene
Concen: 42.540 ng
RT: 9.34 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Tgt Ion: 77 Resp: 183527
Ion Ratio Lower Upper
77 100
123 48.3 33.0 49.6
65 11.9 13.0 19.6#





#25

Isophorone

Concen: 41.363 ng

RT: 9.86 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Instrument :

BNA_G

ClientSampleId :

PB104664BS

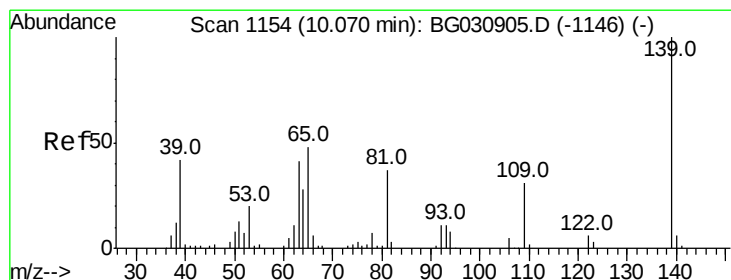
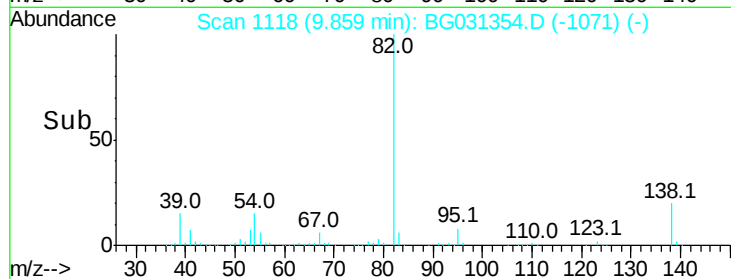
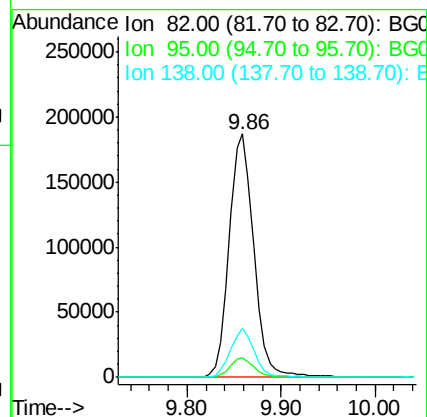
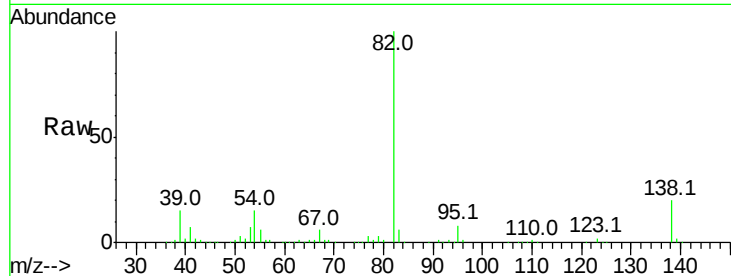
Tot Ion: 82 Resp: 340696

Ion Ratio Lower Upper

82 100

95 7.9 6.2 9.2

138 20.2 12.1 18.1#



#26

2-Nitrophenol

Concen: 45.962 ng

RT: 10.05 min Scan# 1151

Delta R.T. -0.02 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

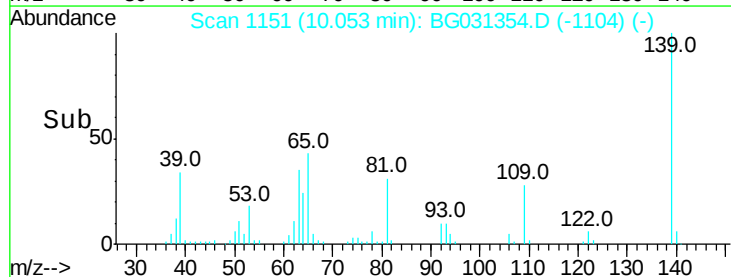
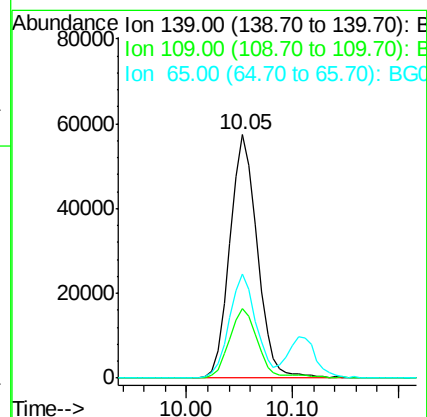
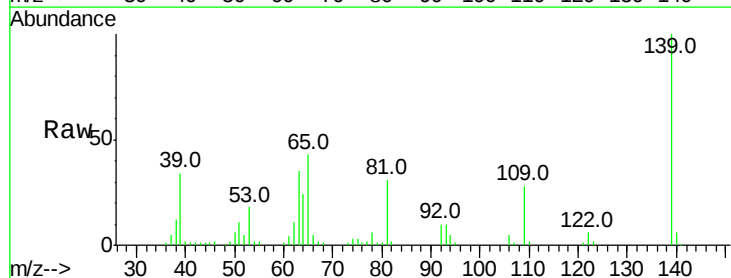
Tgt Ion: 139 Resp: 103358

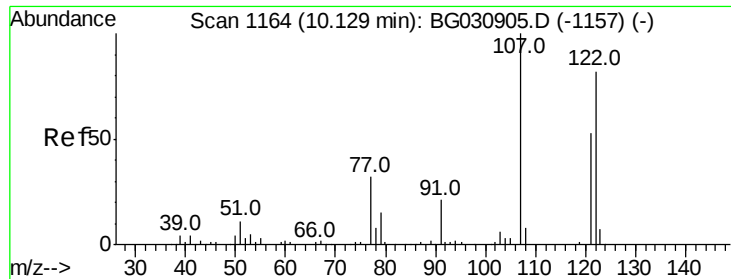
Ion Ratio Lower Upper

139 100

109 28.4 24.2 36.2

65 43.0 47.4 71.0#

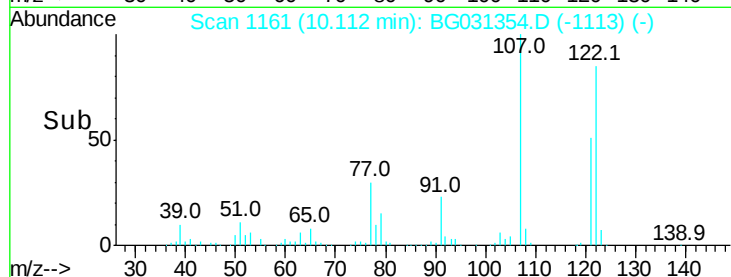
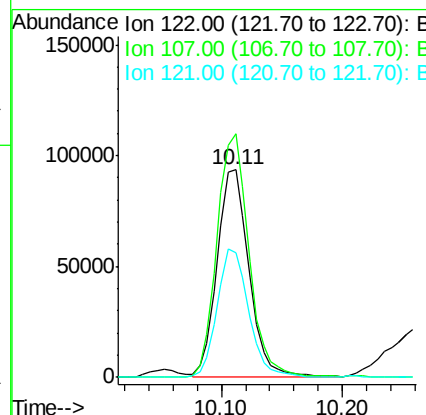
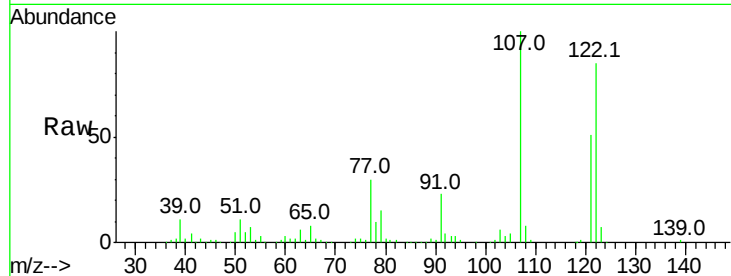




#27
 2,4-Dimethylphenol
 Concen: 50.583 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.02 min
 Lab File: BG031354.D
 Acq: 4 Dec 2017 19:53

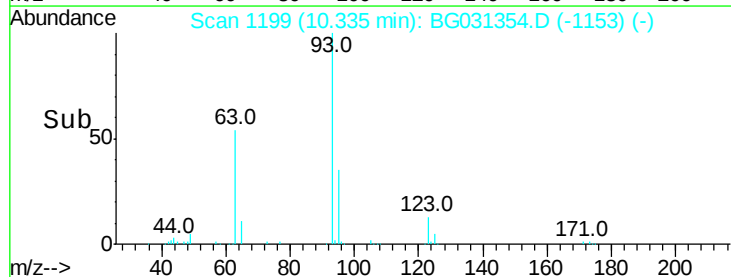
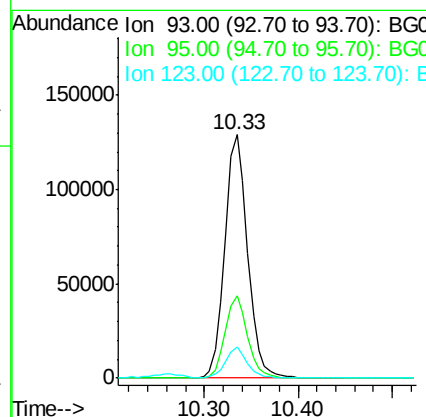
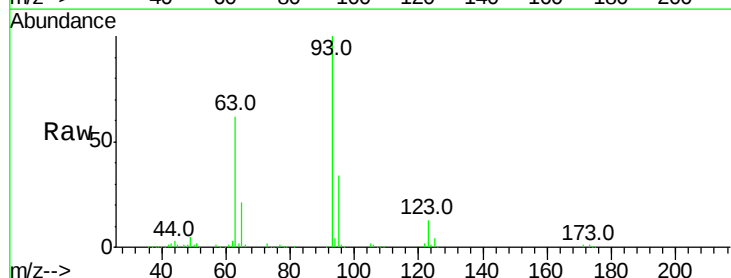
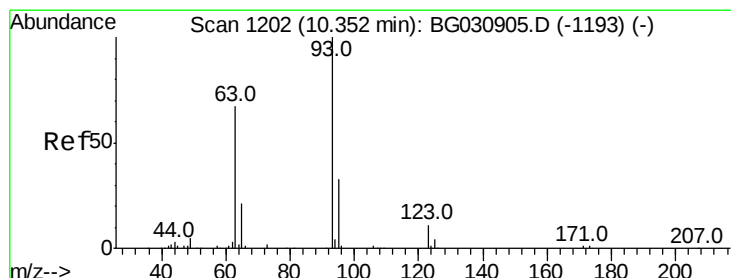
Instrument :
 BNA_G
 ClientSampleID :
 PB104664BS

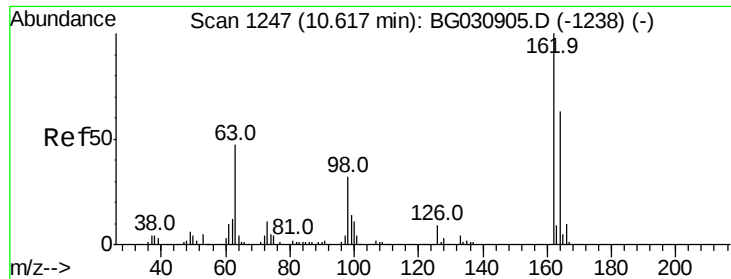
Tot Ion:122 Resp: 168871
 Ion Ratio Lower Upper
 122 100
 107 117.4 100.2 150.2
 121 60.3 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.208 ng
 RT: 10.33 min Scan# 1199
 Delta R.T. -0.03 min
 Lab File: BG031354.D
 Acq: 4 Dec 2017 19:53

Tgt Ion: 93 Resp: 218962
 Ion Ratio Lower Upper
 93 100
 95 33.7 24.3 36.5
 123 12.7 8.4 12.6#

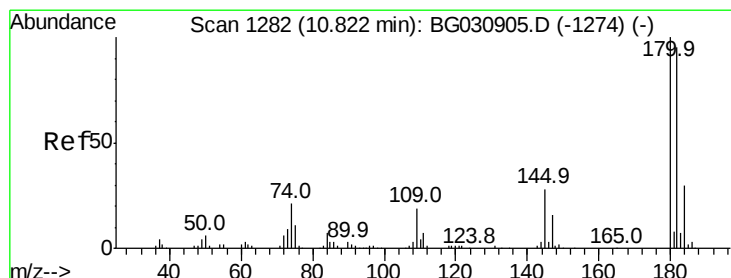
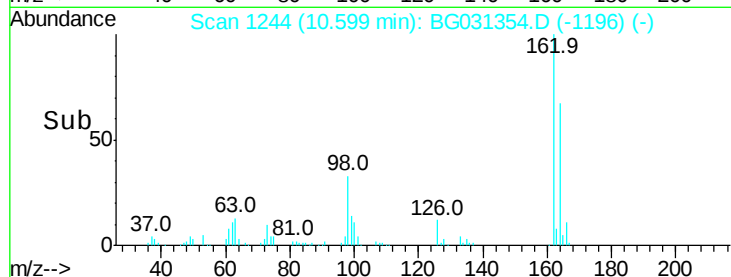
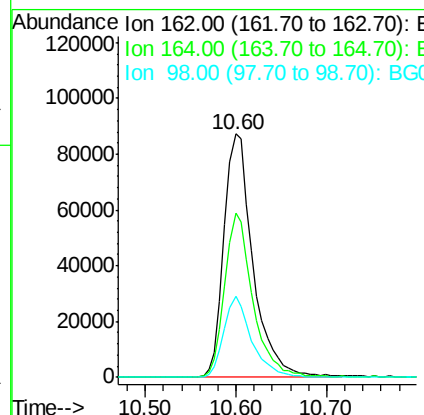
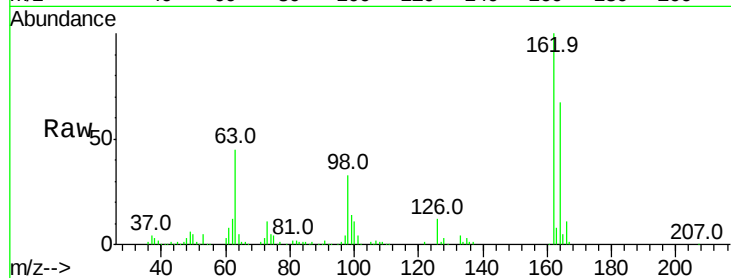




#29
 2,4-Dichlorophenol
 Concen: 48.432 ng
 RT: 10.60 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BG031354.D
 Acq: 4 Dec 2017 19:53

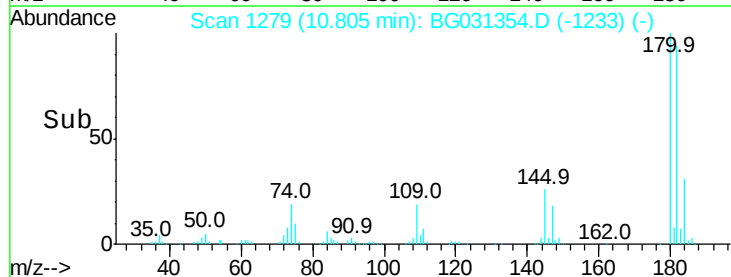
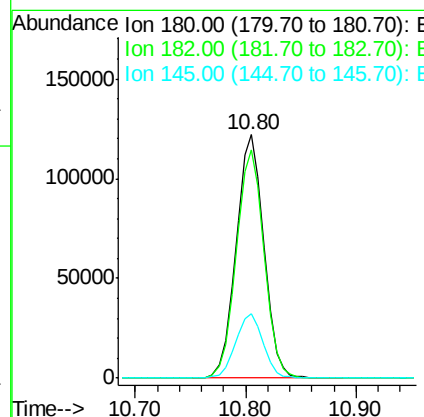
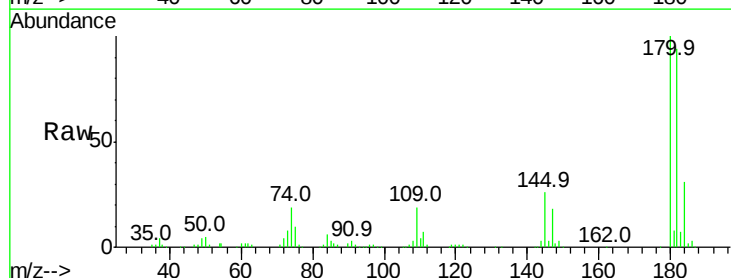
Instrument :
 BNA_G
 ClientSampleId :
 PB104664BS

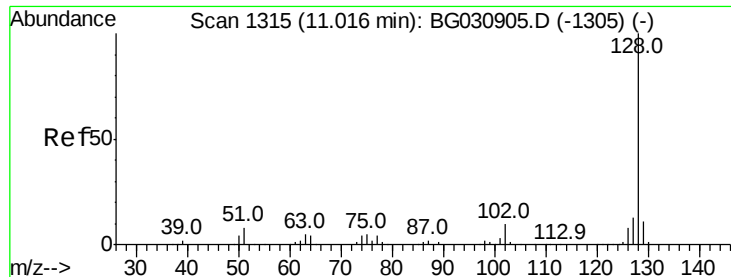
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.5	48.0	88.0
98	33.5	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 44.784 ng
 RT: 10.80 min Scan# 1279
 Delta R.T. -0.03 min
 Lab File: BG031354.D
 Acq: 4 Dec 2017 19:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	77.5	116.3
145	26.4	23.4	35.2

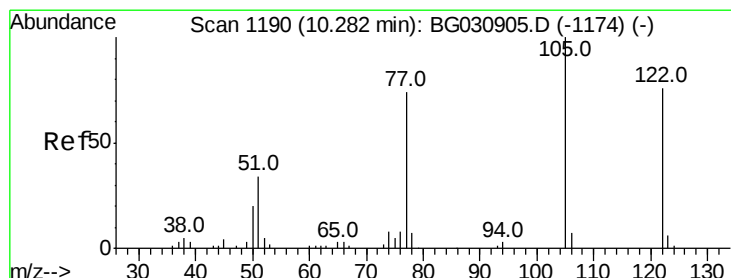
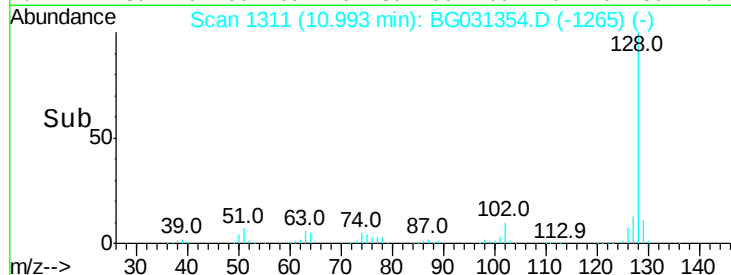
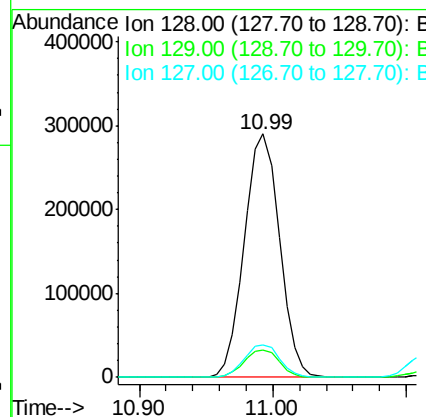
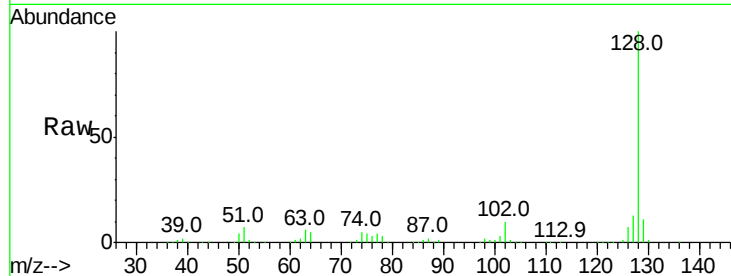




#31
Naphthalene
Concen: 43.106 ng
RT: 10.99 min Scan# 1311
Delta R.T. -0.03 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

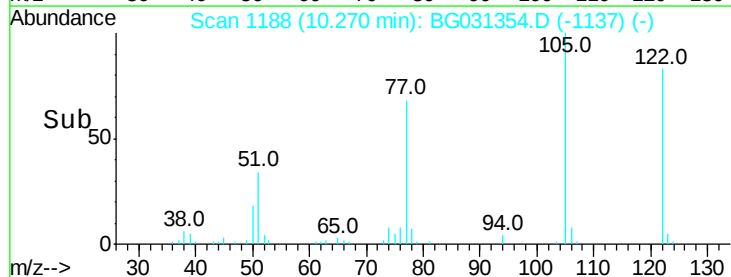
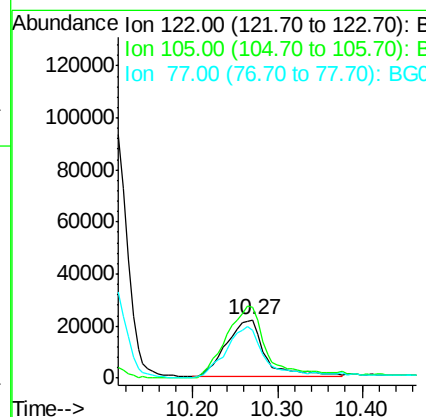
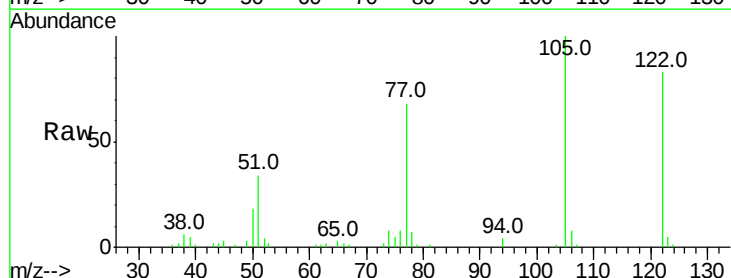
Instrument :
BNA_G
ClientSampleId :
PB104664BS

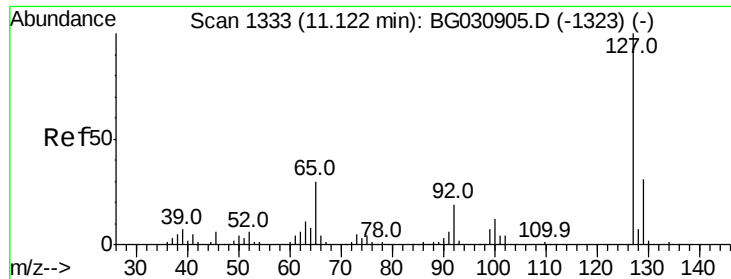
Tot Ion:128 Resp: 530325
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.4 11.6 17.4



#32
Benzoic acid
Concen: 28.397 ng
RT: 10.27 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Tgt Ion:122 Resp: 71672
Ion Ratio Lower Upper
122 100
105 120.7 123.5 163.5#
77 81.7 85.7 125.7#

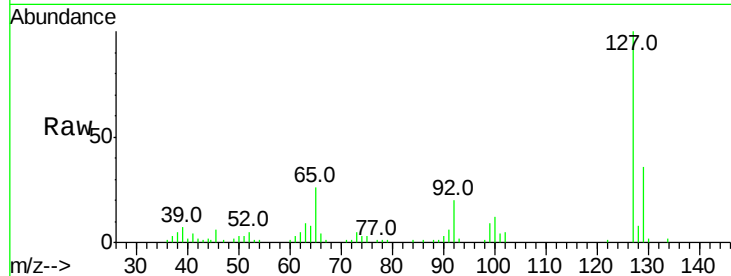




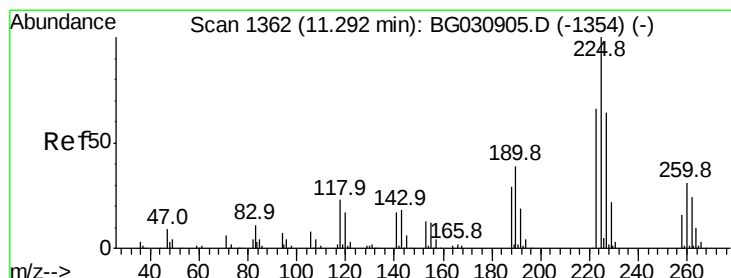
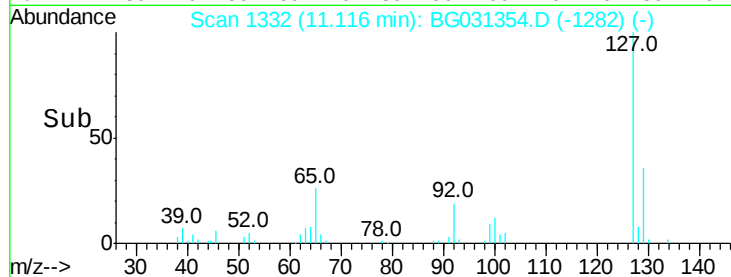
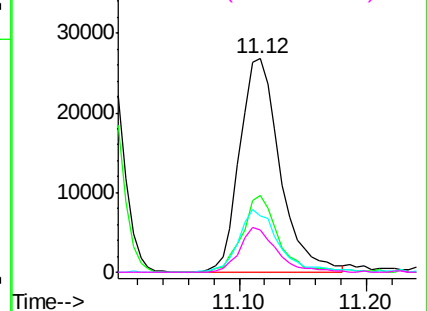
#33
4-Chloroaniline
Concen: 10.982 ng
RT: 11.12 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Instrument :
BNA_G
ClientSampleId :
PB104664BS

Tot Ion:127	Resp:	59144
Ion Ratio	Lower	Upper
127	100	
129	36.0	24.0 36.0
65	26.3	27.0 40.4#
92	19.6	16.6 25.0

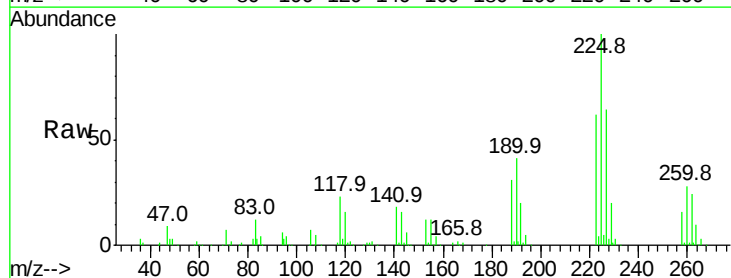


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

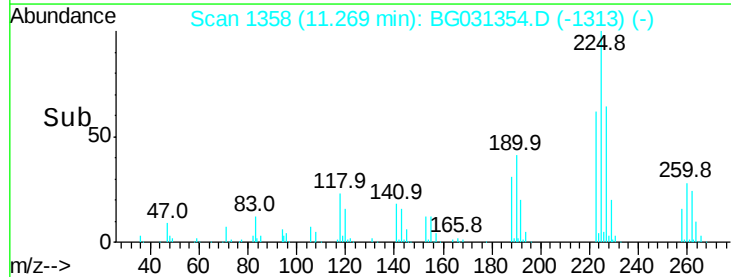
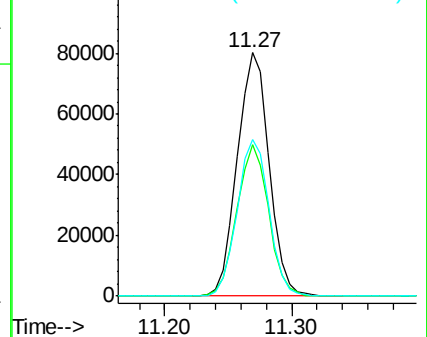


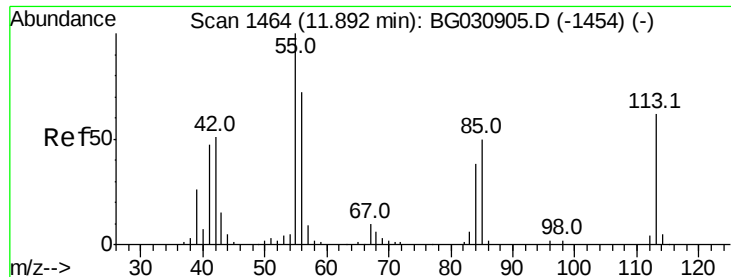
#34
Hexachlorobutadiene
Concen: 41.883 ng
RT: 11.27 min Scan# 1358
Delta R.T. -0.03 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Tgt Ion:225	Resp:	139025
Ion Ratio	Lower	Upper
225	100	
223	62.4	49.7 74.5
227	64.4	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: 23.356 ng

RT: 11.87 min Scan# 1461

Delta R.T. -0.02 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Instrument :

BNA_G

ClientSampleId :

PB104664BS

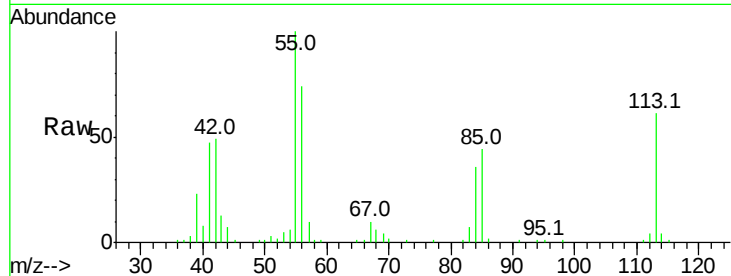
Tot Ion:113 Resp: 38249

Ion Ratio Lower Upper

113 100

55 163.0 186.9 226.9#

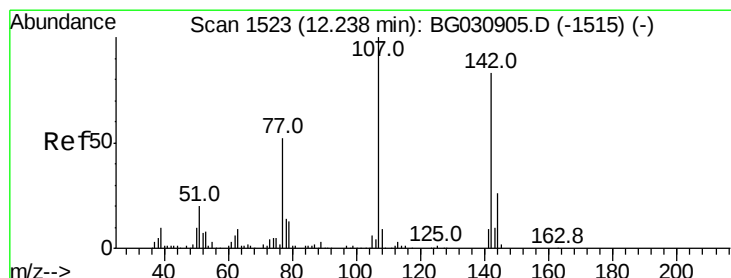
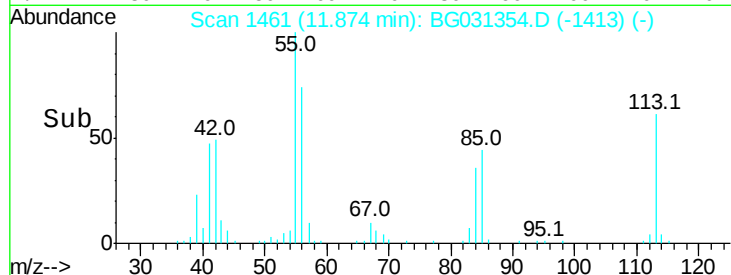
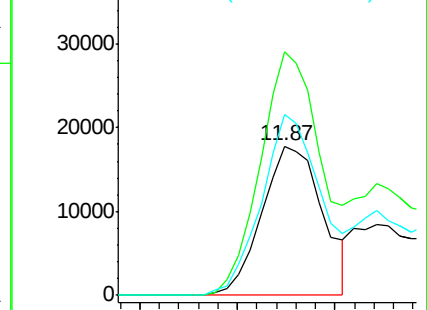
56 121.3 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 43.796 ng

RT: 12.23 min Scan# 1521

Delta R.T. -0.01 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

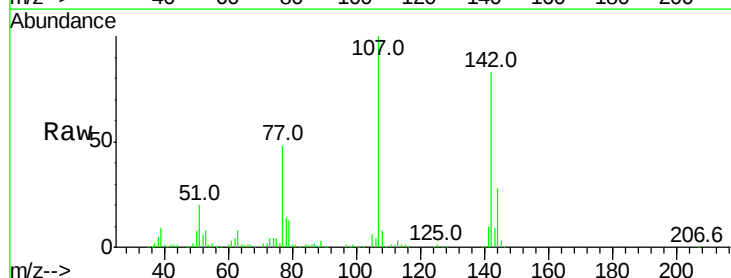
Tgt Ion:107 Resp: 191094

Ion Ratio Lower Upper

107 100

144 27.8 18.2 27.4#

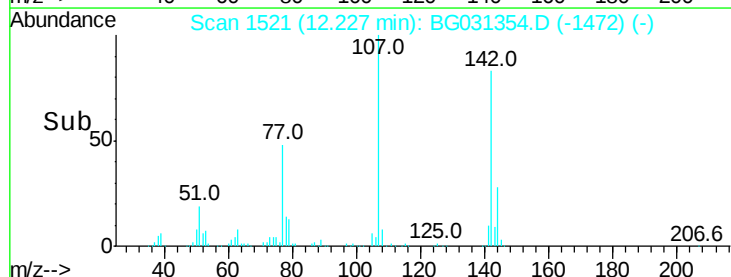
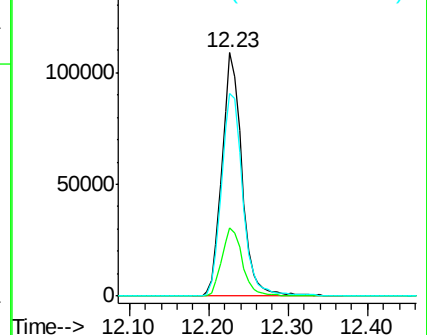
142 83.3 59.0 88.4

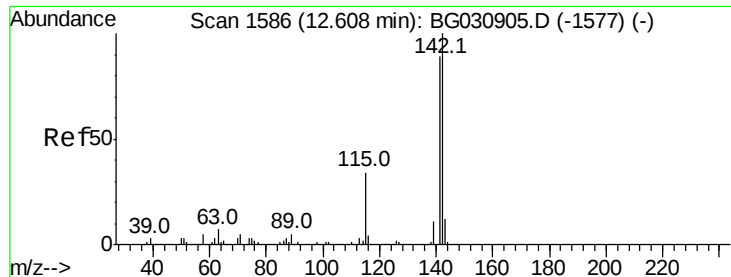


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

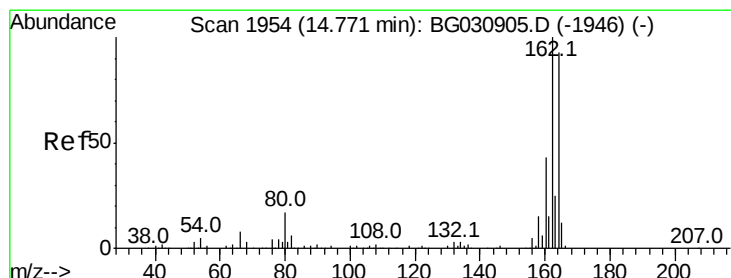
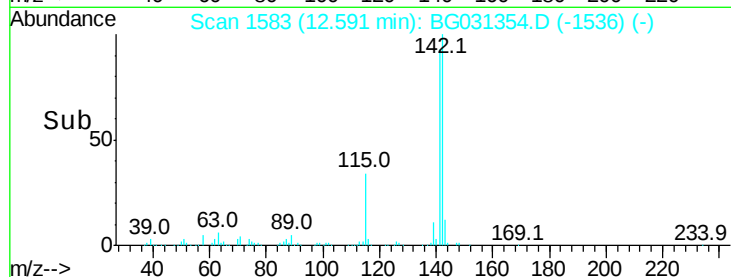
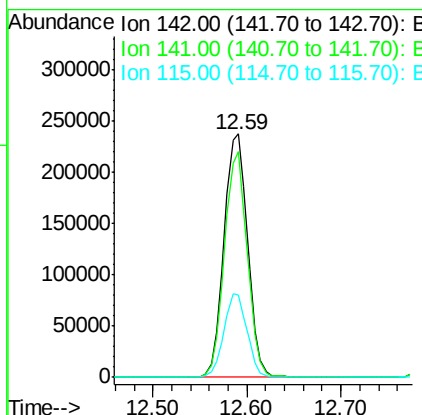
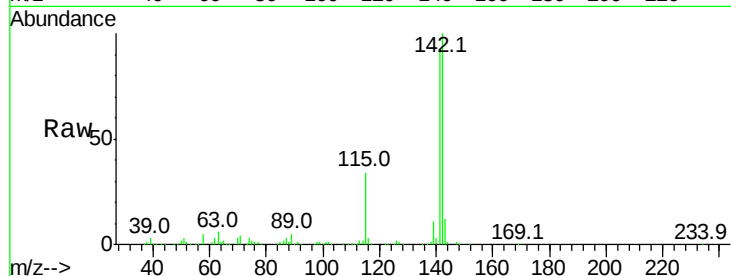




#37
2-Methylnaphthalene
Concen: 43.860 ng
RT: 12.59 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

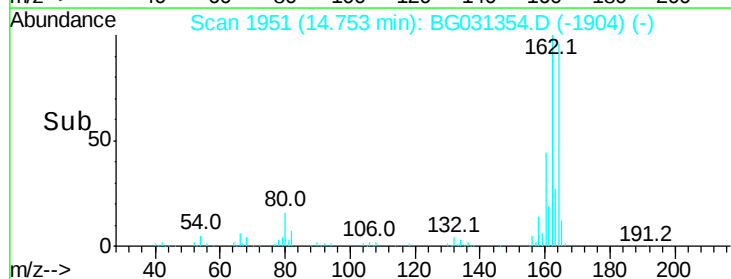
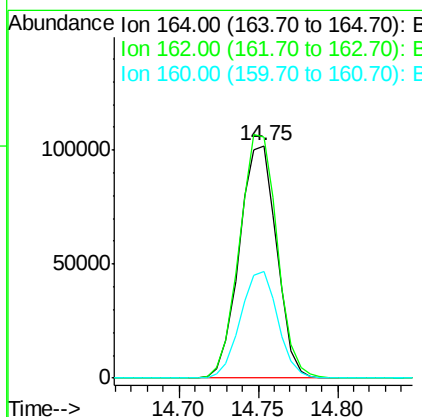
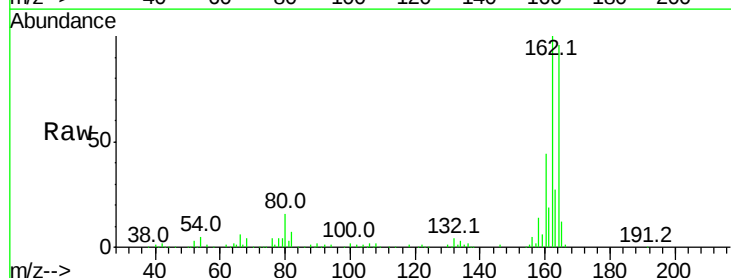
Instrument :
BNA_G
ClientSampleId :
PB104664BS

Tot Ion:142 Resp: 416552
Ion Ratio Lower Upper
142 100
141 92.7 67.1 100.7
115 33.6 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Tgt Ion:164 Resp: 166247
Ion Ratio Lower Upper
164 100
162 103.9 78.8 118.2
160 45.7 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.026 ng

RT: 12.96 min Scan# 1645

Delta R.T. -0.02 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Instrument :

BNA_G

ClientSampleId :

PB104664BS

Tot Ion:216 Resp: 257500

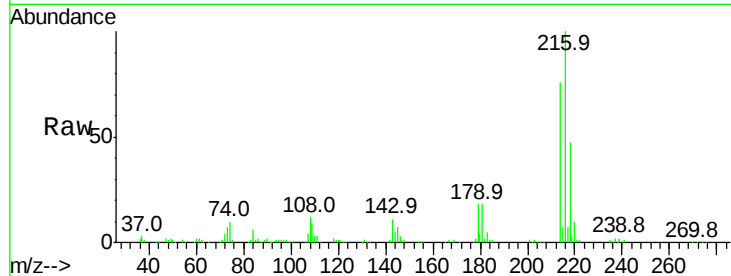
Ion Ratio Lower Upper

216 100

214 75.7 63.0 94.4

179 18.6 17.0 25.6

108 13.7 12.8 19.2

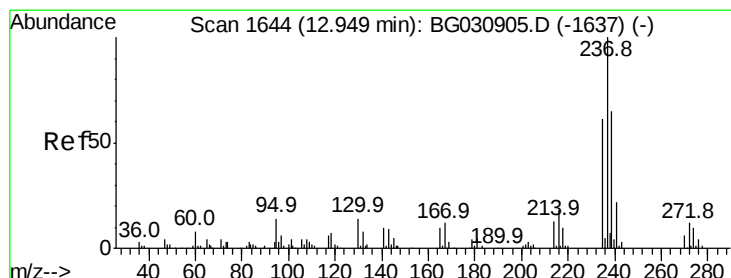
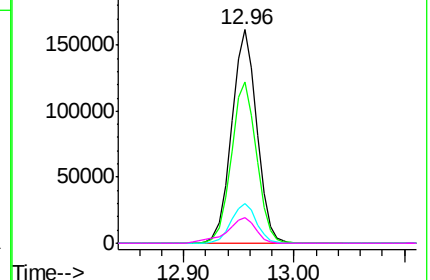
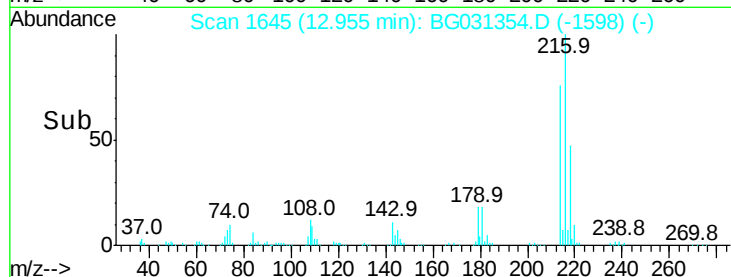


Abundance Ion 216.00 (215.70 to 216.70): E

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: 89.448 ng

RT: 12.93 min Scan# 1640

Delta R.T. -0.03 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

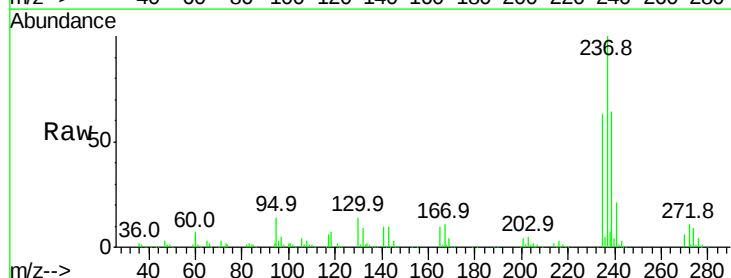
Tgt Ion:237 Resp: 221827

Ion Ratio Lower Upper

237 100

235 62.9 50.4 90.4

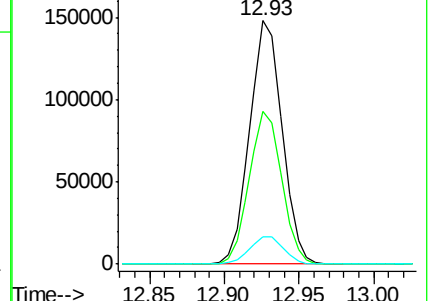
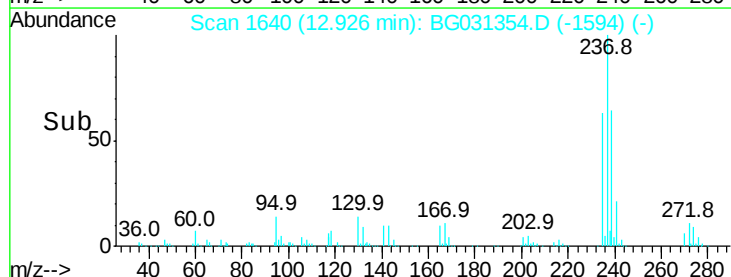
272 11.4 0.0 31.8

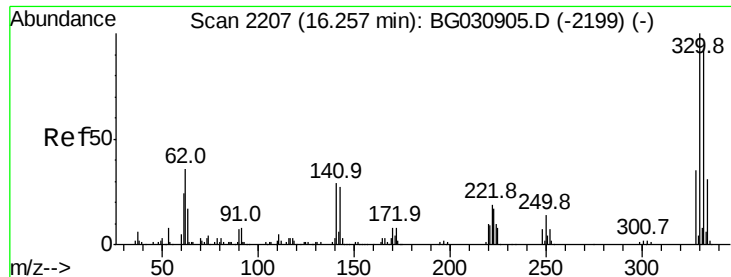


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

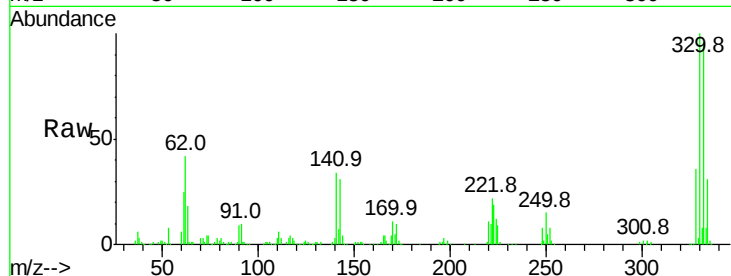




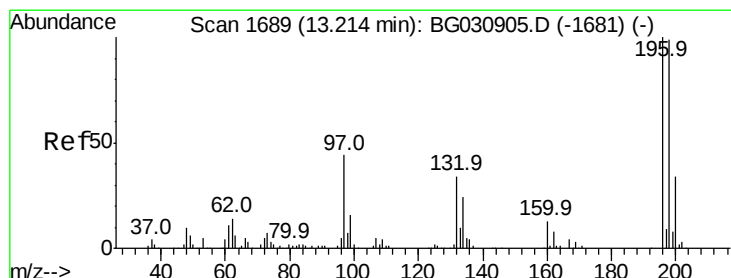
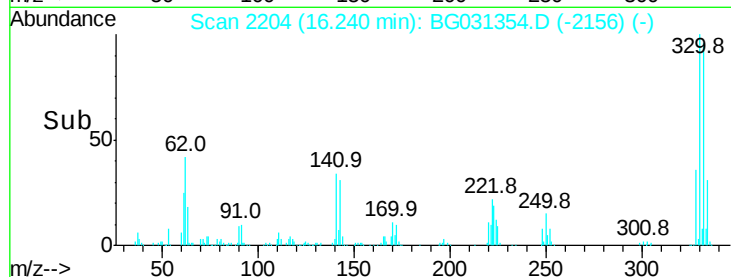
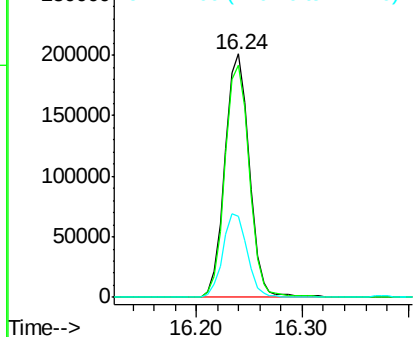
#41
 2,4,6-Tribromophenol
 Concen: 119.304 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031354.D
 Acq: 4 Dec 2017 19:53

Instrument :
 BNA_G
 ClientSampleId :
 PB104664BS

Tot Ion:330 Resp: 320849
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 34.6 25.2 37.8

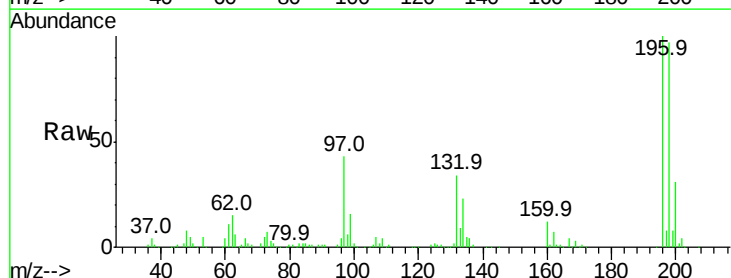


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

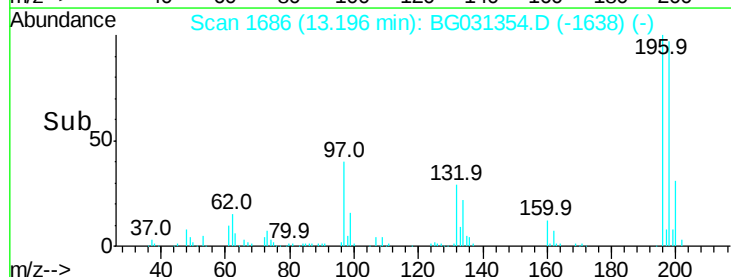
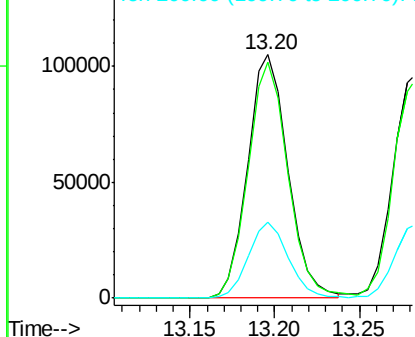


#42
 2,4,6-Trichlorophenol
 Concen: 46.111 ng
 RT: 13.20 min Scan# 1686
 Delta R.T. -0.02 min
 Lab File: BG031354.D
 Acq: 4 Dec 2017 19:53

Tgt Ion:196 Resp: 173931
 Ion Ratio Lower Upper
 196 100
 198 96.9 78.2 117.2
 200 30.9 24.6 36.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

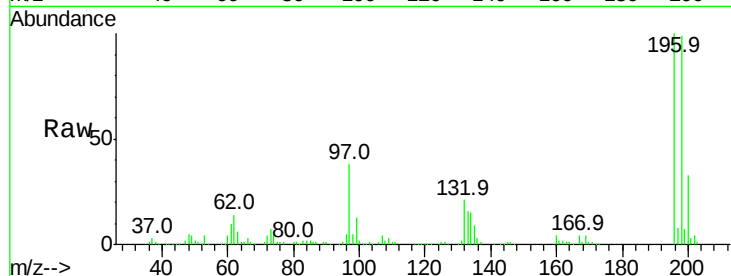




#43
 2,4,5-Trichlorophenol
 Concen: 45.938 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG031354.D
 Acq: 4 Dec 2017 19:53

Instrument :
 BNA_G
 ClientSampleId :
 PB104664BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.6	76.2	114.4
97	38.3	38.7	58.1#
132	21.4	20.2	30.2



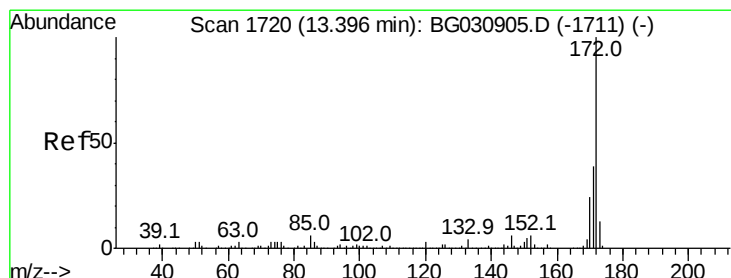
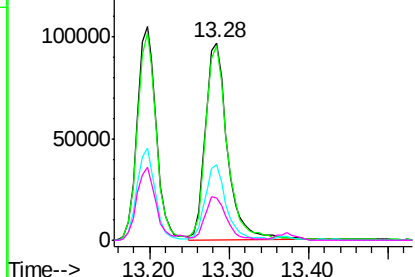
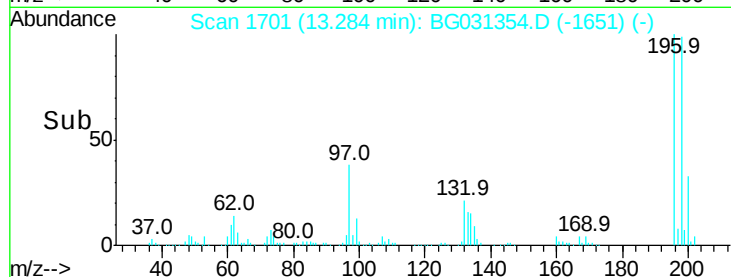
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

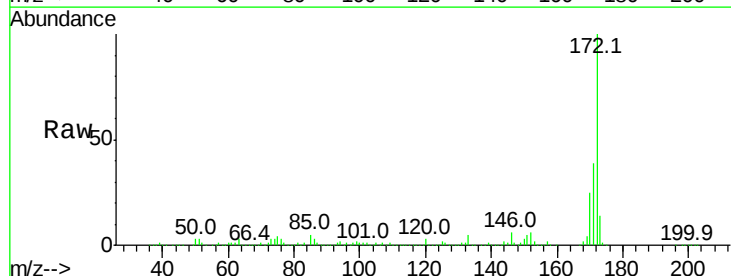
Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 94.463 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.03 min
 Lab File: BG031354.D
 Acq: 4 Dec 2017 19:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.0	45.0
170	24.7	19.5	29.3

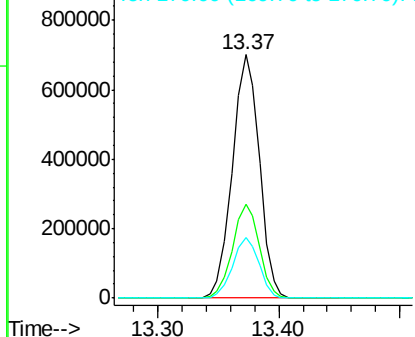
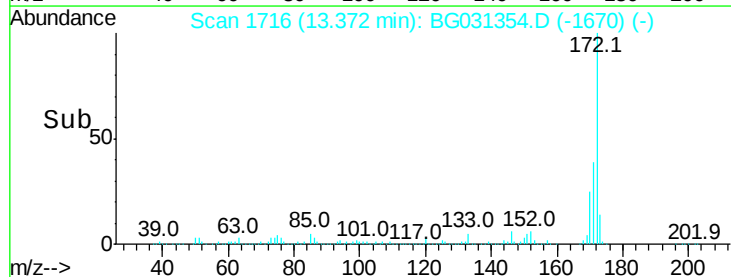


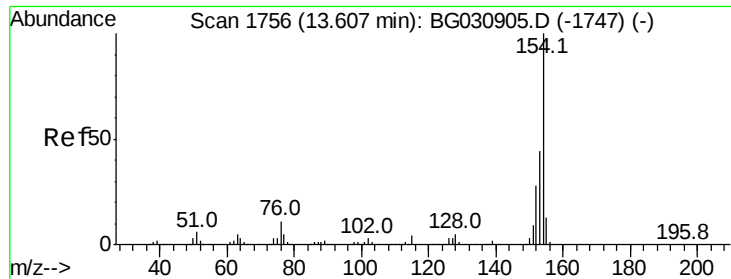
Abundance

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

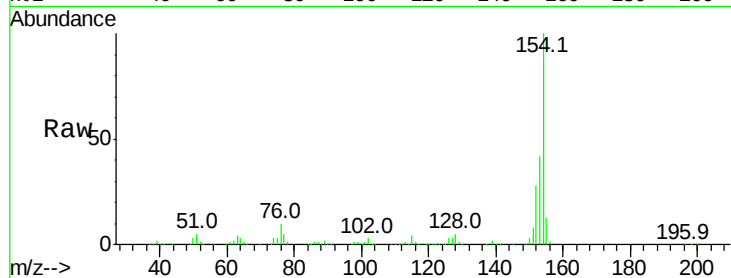




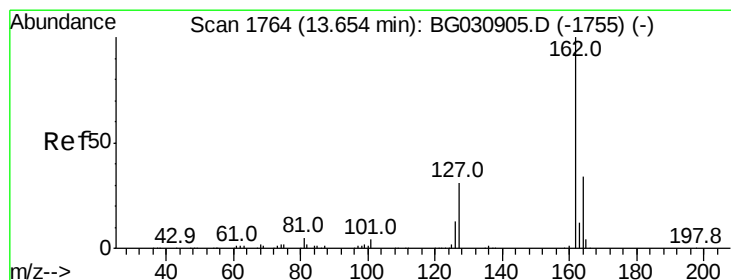
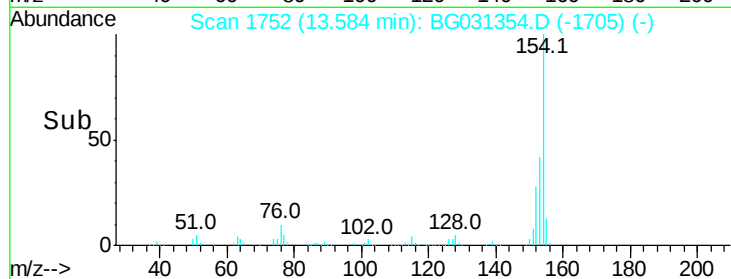
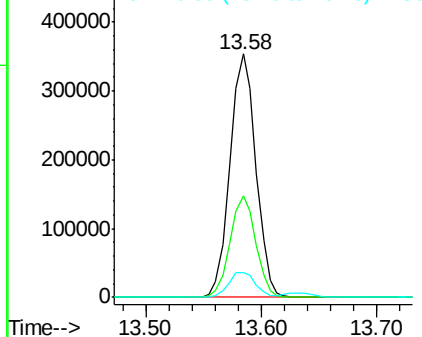
#45
 1,1'-Biphenyl
 Concen: 39.644 ng
 RT: 13.58 min Scan# 1752
 Delta R.T. -0.02 min
 Lab File: BG031354.D
 Acq: 4 Dec 2017 19:53

Instrument :
 BNA_G
 ClientSampleId :
 PB104664BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.5	19.8	59.8
76	10.4	0.0	31.9

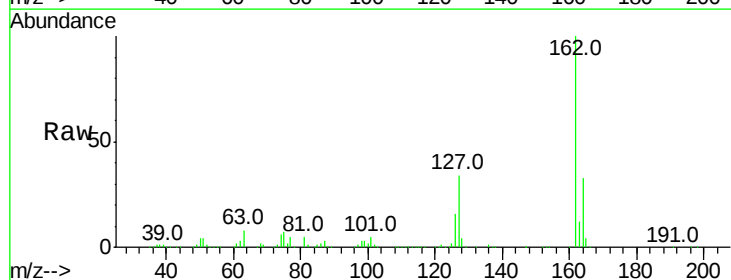


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

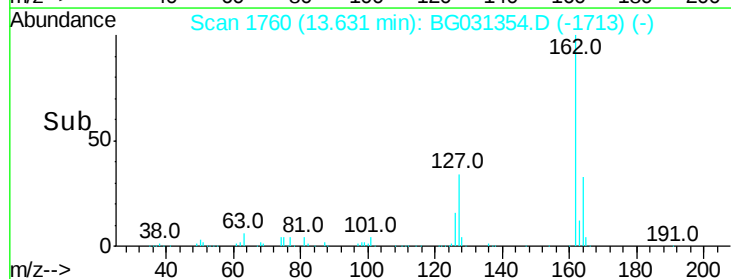
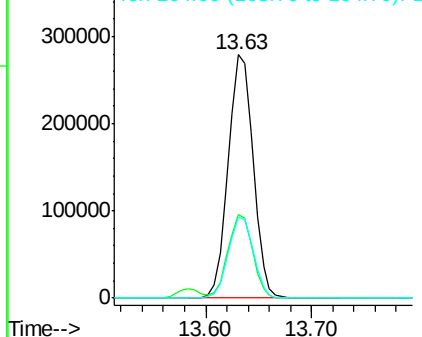


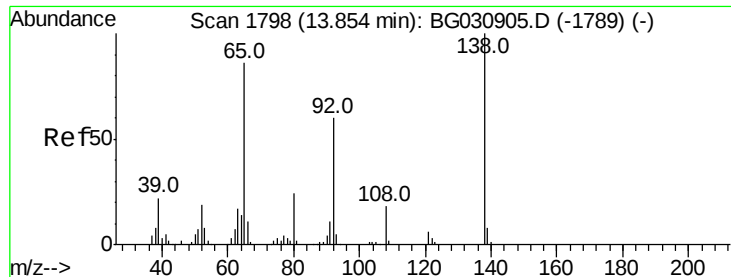
#46
 2-Chloronaphthalene
 Concen: 45.603 ng
 RT: 13.63 min Scan# 1760
 Delta R.T. -0.02 min
 Lab File: BG031354.D
 Acq: 4 Dec 2017 19:53

Tgt Ion	Ratio	Lower	Upper
162	100		
127	34.4	30.7	46.1
164	33.5	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

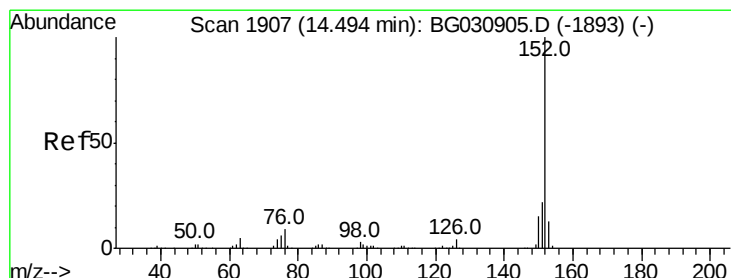
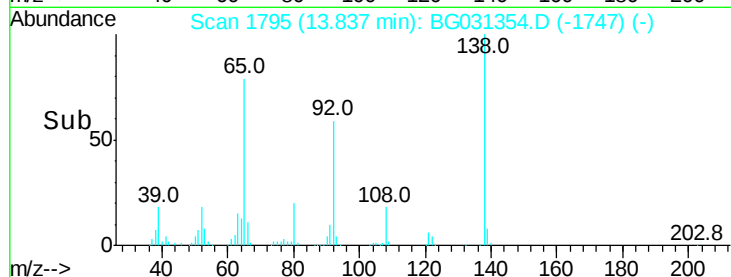
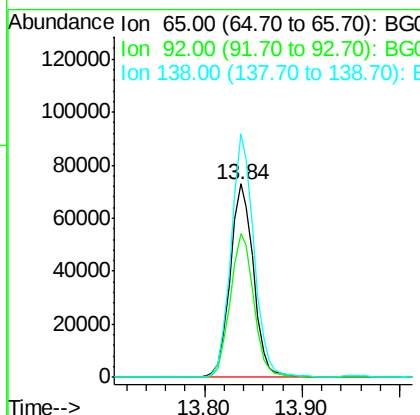
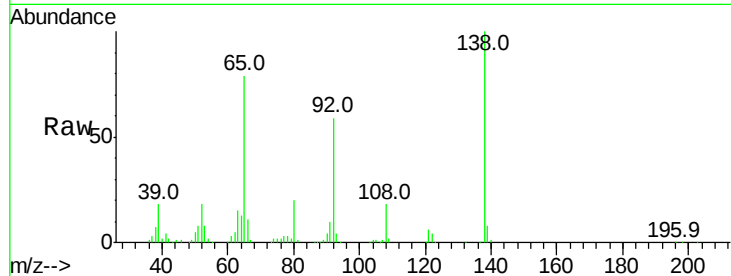




#47
2-Nitroaniline
Concen: 41.117 ng
RT: 13.84 min Scan# 1795
Delta R.T. -0.02 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

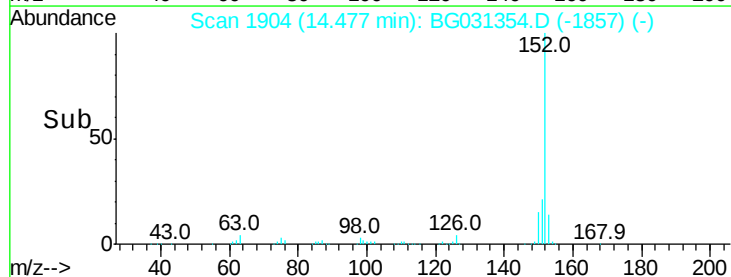
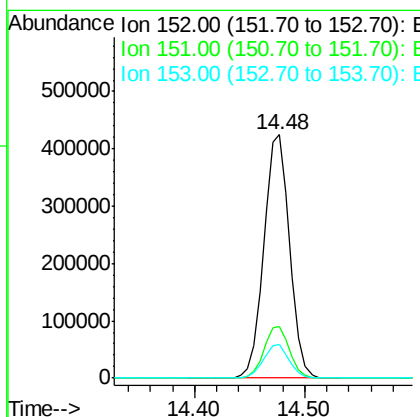
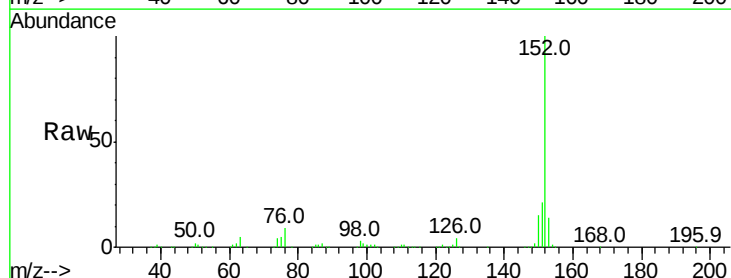
Instrument :
BNA_G
ClientSampleId :
PB104664BS

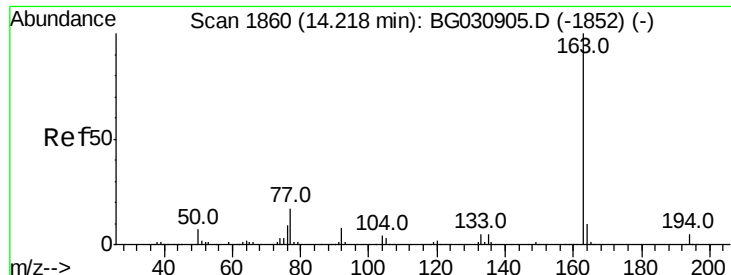
Tot Ion: 65 Resp: 121217
Ion Ratio Lower Upper
65 100
92 74.0 54.6 82.0
138 125.9 72.9 109.3#



#48
Acenaphthylene
Concen: 42.489 ng
RT: 14.48 min Scan# 1904
Delta R.T. -0.02 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Tgt Ion: 152 Resp: 691703
Ion Ratio Lower Upper
152 100
151 21.3 17.2 25.8
153 14.1 10.2 15.4





#49

Dimethylphthalate

Concen: 42.138 ng

RT: 14.20 min Scan# 1856

Delta R.T. -0.02 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Instrument :

BNA_G

ClientSampleId :

PB104664BS

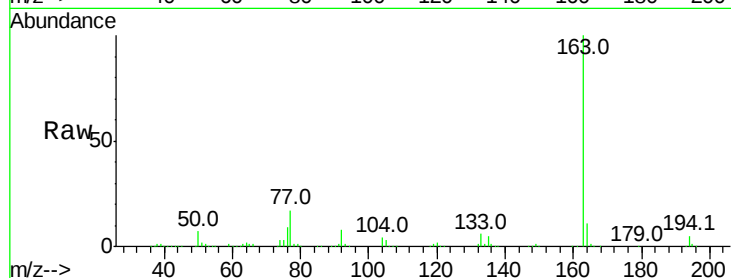
Tot Ion:163 Resp: 605703

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

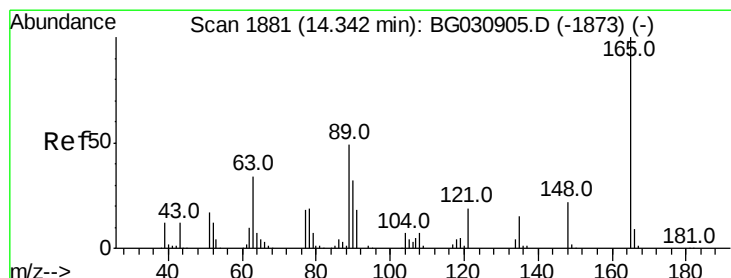
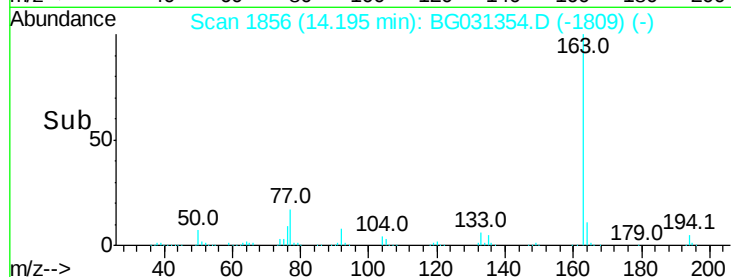
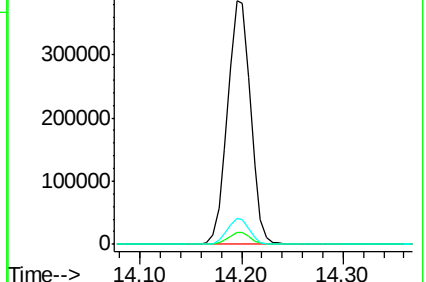
164 10.8 8.2 12.4



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: 46.914 ng

RT: 14.32 min Scan# 1878

Delta R.T. -0.02 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

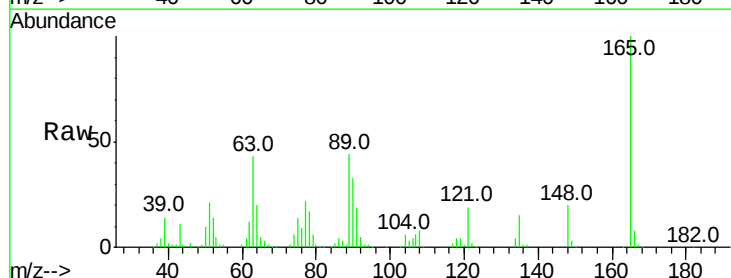
Tgt Ion:165 Resp: 138995

Ion Ratio Lower Upper

165 100

63 42.8 52.7 79.1#

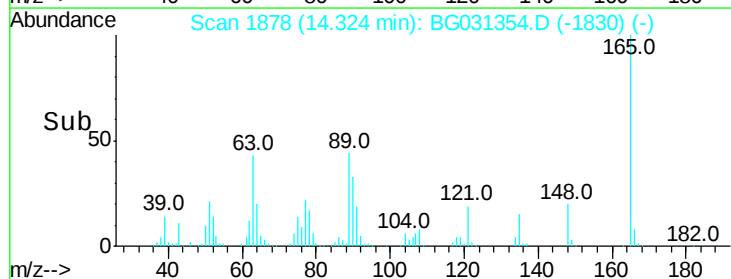
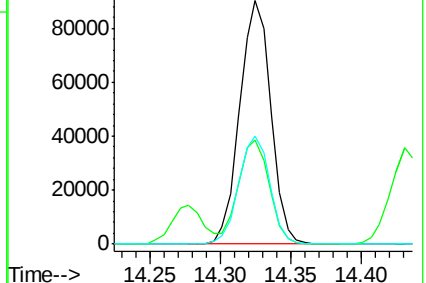
89 44.2 49.2 73.8#

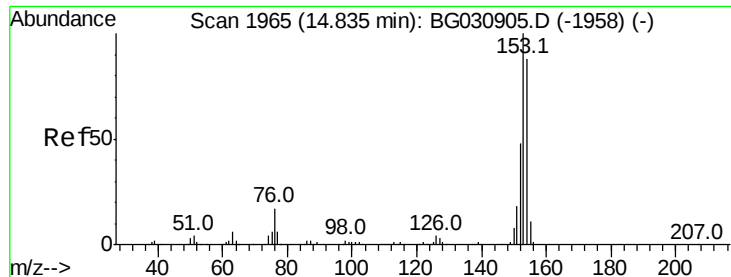


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 42.389 ng

RT: 14.81 min Scan# 1961

Delta R.T. -0.02 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Instrument :

BNA_G

ClientSampleId :

PB104664BS

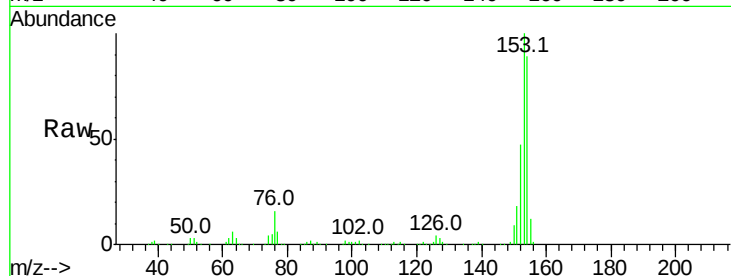
Tot Ion:154 Resp: 430972

Ion Ratio Lower Upper

154 100

153 111.9 90.4 135.6

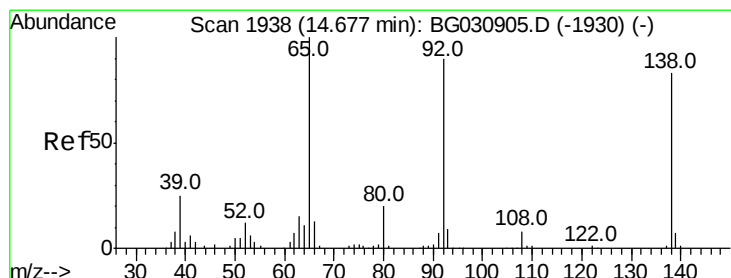
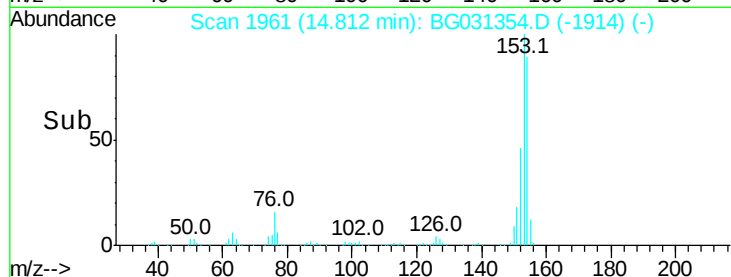
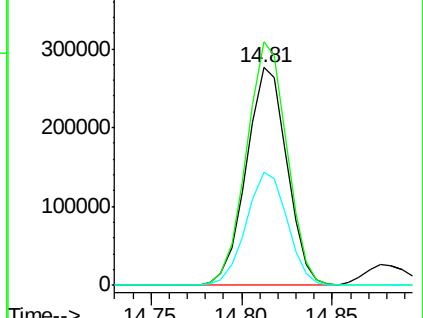
152 52.1 41.6 62.4



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: 20.123 ng

RT: 14.66 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

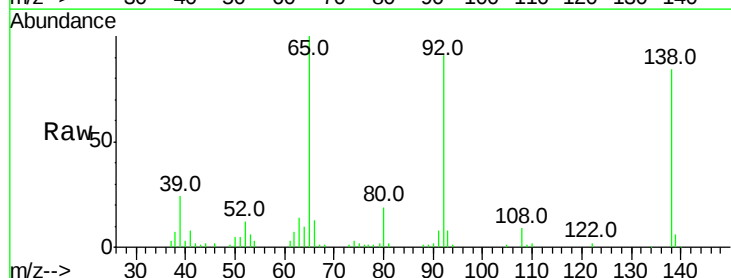
Tgt Ion:138 Resp: 63306

Ion Ratio Lower Upper

138 100

108 10.4 17.5 26.3#

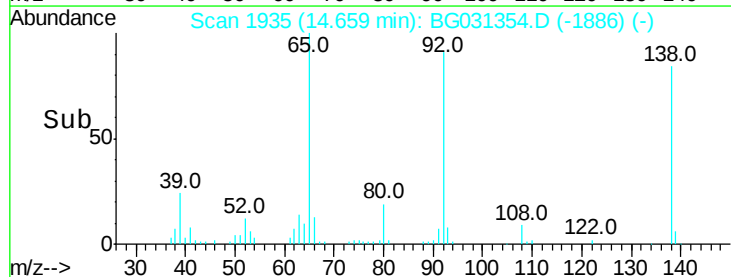
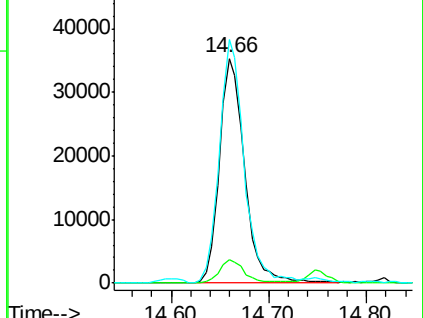
92 108.2 105.8 158.8

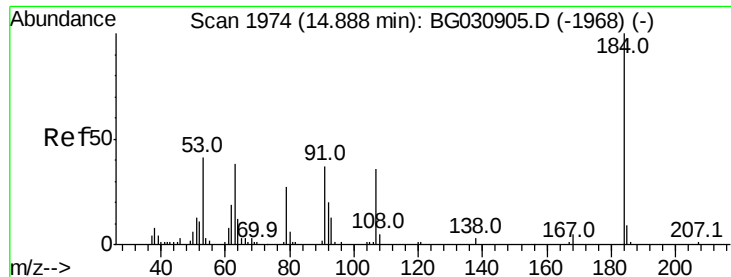


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

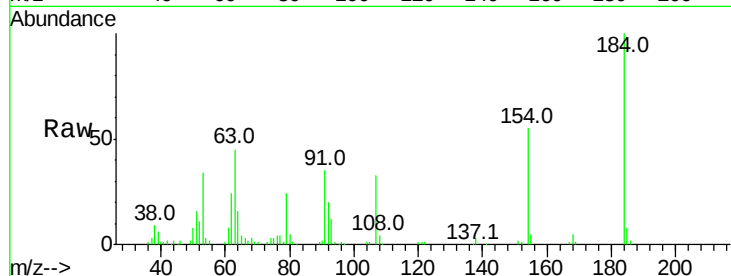




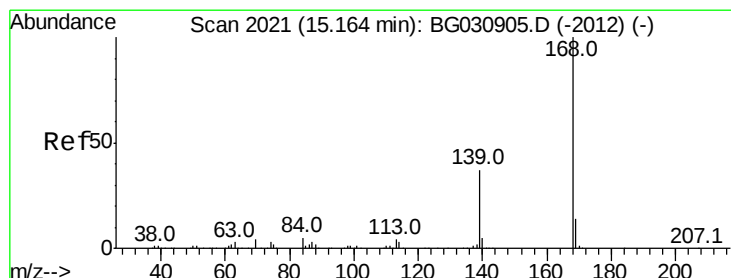
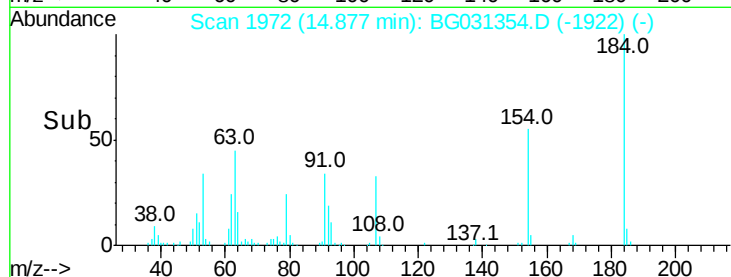
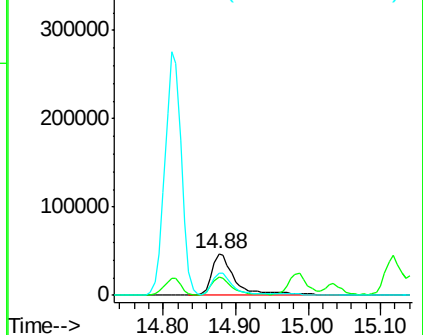
#53
2,4-Dinitrophenol
Concen: 66.152 ng
RT: 14.88 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Instrument :
BNA_G
ClientSampleId :
PB104664BS

Tot Ion:184 Resp: 106039
Ion Ratio Lower Upper
184 100
63 45.1 59.8 89.8#
154 54.7 101.8 152.8#

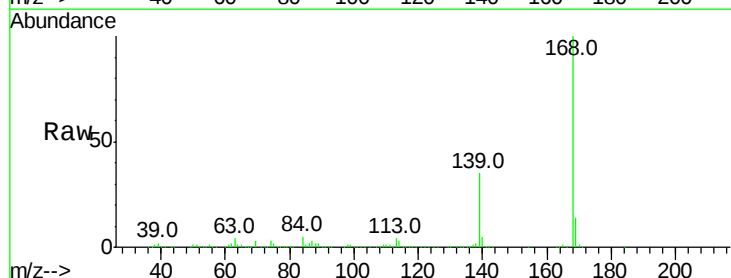


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

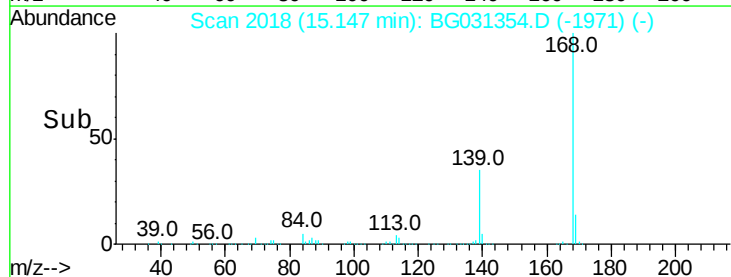
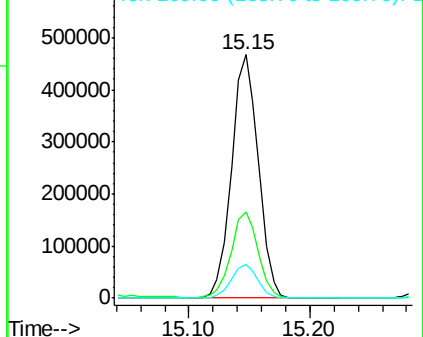


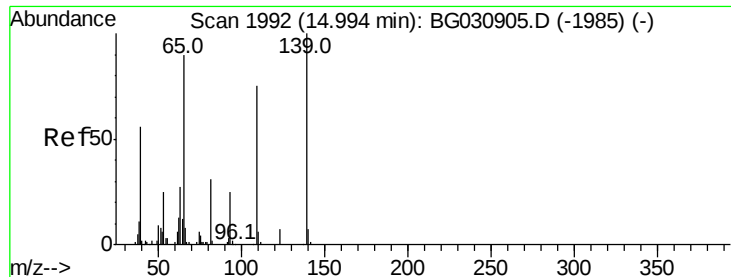
#54
Dibenzofuran
Concen: 44.418 ng
RT: 15.15 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Tgt Ion:168 Resp: 719326
Ion Ratio Lower Upper
168 100
139 35.2 28.6 43.0
169 14.1 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: 84.409 ng

RT: 14.99 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Instrument :

BNA_G

ClientSampleId :

PB104664BS

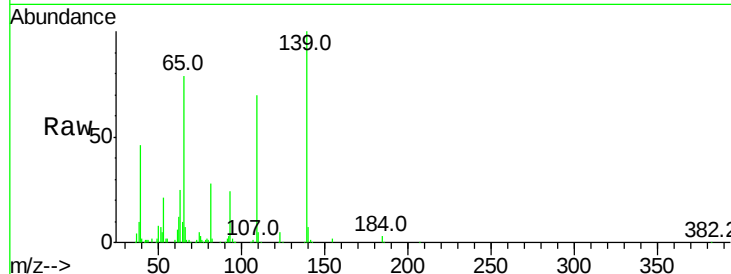
Tot Ion:139 Resp: 189158

Ion Ratio Lower Upper

139 100

109 69.9 62.2 102.2

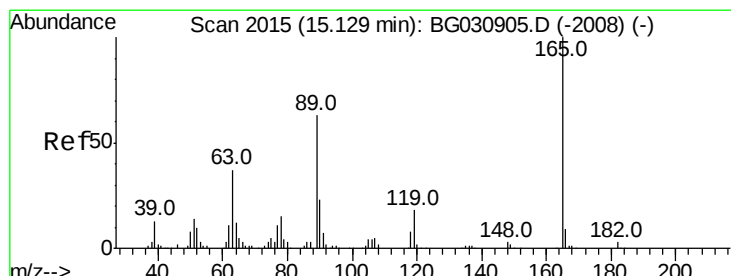
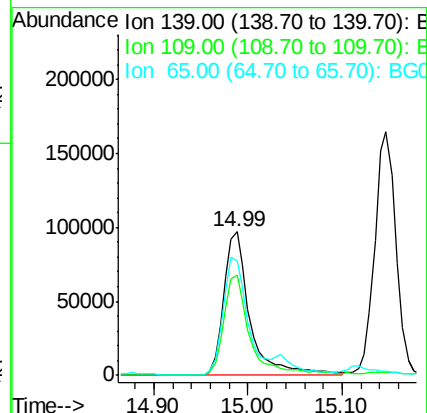
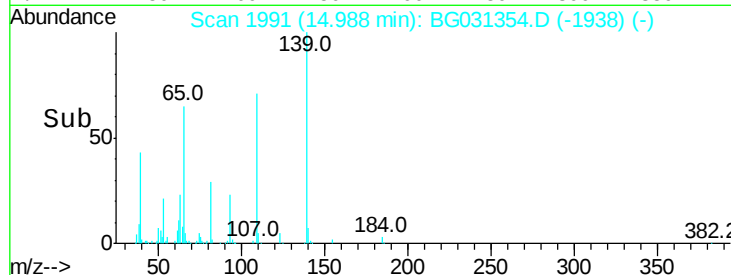
65 79.4 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 47.204 ng

RT: 15.12 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Tgt Ion:165 Resp: 202184

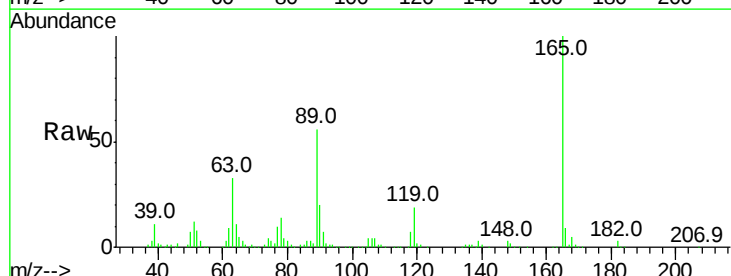
Ion Ratio Lower Upper

165 100

63 33.0 42.0 63.0#

89 55.8 66.9 100.3#

182 2.6 2.6 3.8

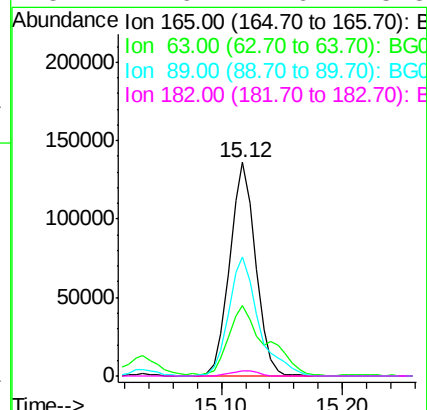
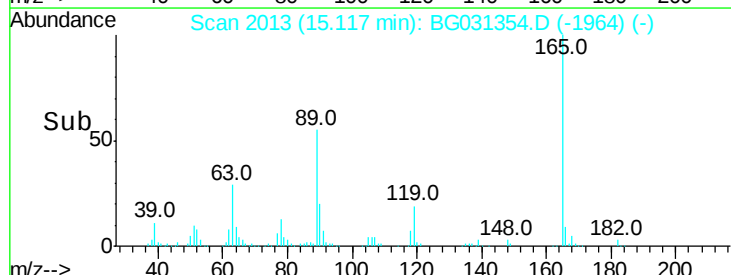


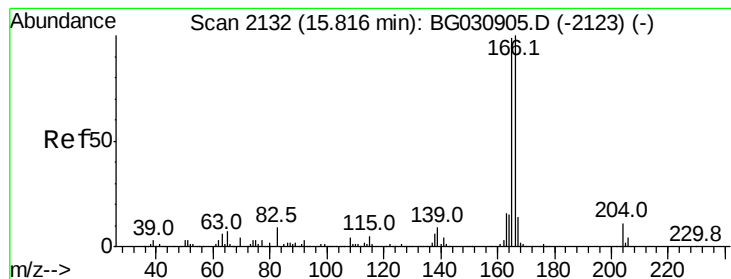
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.809 ng

RT: 15.79 min Scan# 2128

Delta R.T. -0.02 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Instrument :

BNA_G

ClientSampleId :

PB104664BS

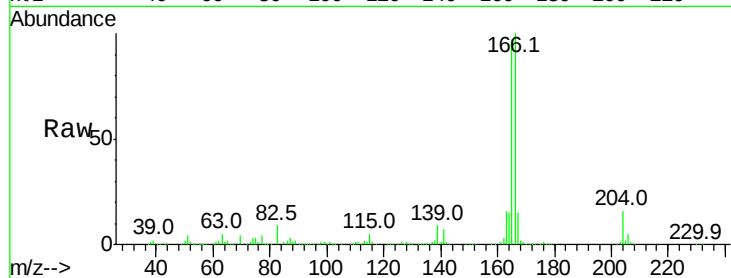
Tot Ion:166 Resp: 575995

Ion Ratio Lower Upper

166 100

165 96.6 80.6 121.0

167 14.7 10.4 15.6

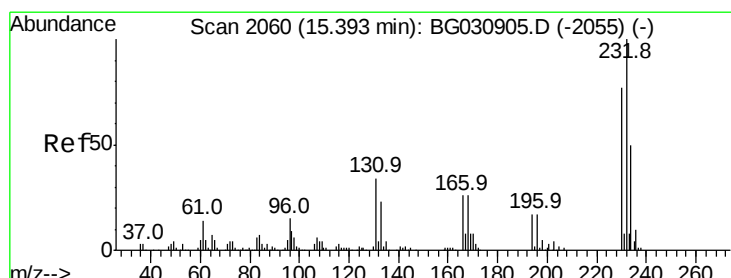
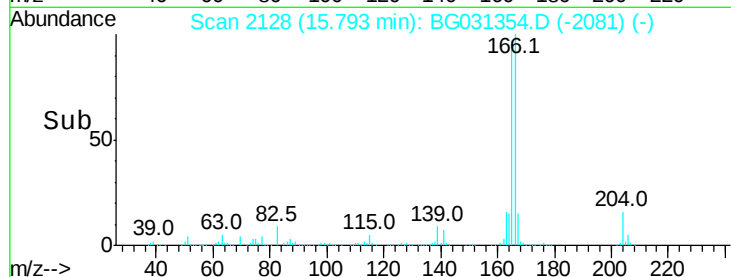
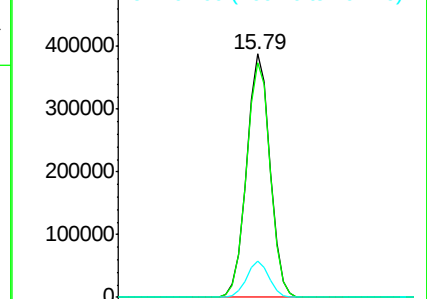


Abundance

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: 47.935 ng

RT: 15.38 min Scan# 2057

Delta R.T. -0.02 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Tgt Ion:232 Resp: 188547

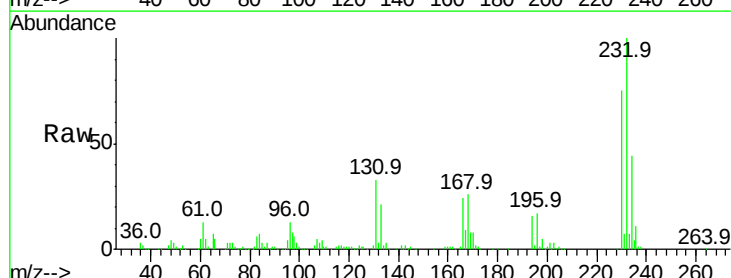
Ion Ratio Lower Upper

232 100

131 33.6 33.5 50.3

130 1.7 2.2 3.2#

166 26.2 24.8 37.2



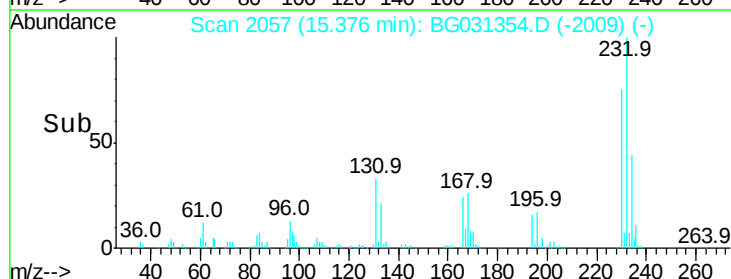
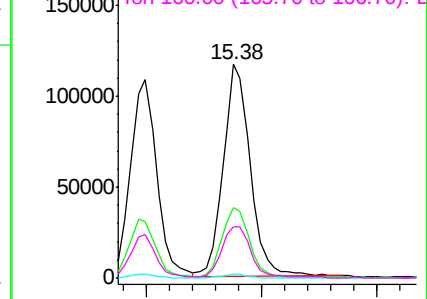
Abundance

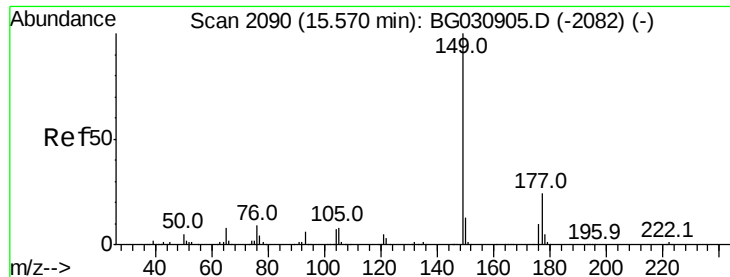
Ion 232.00 (231.70 to 232.70): E

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

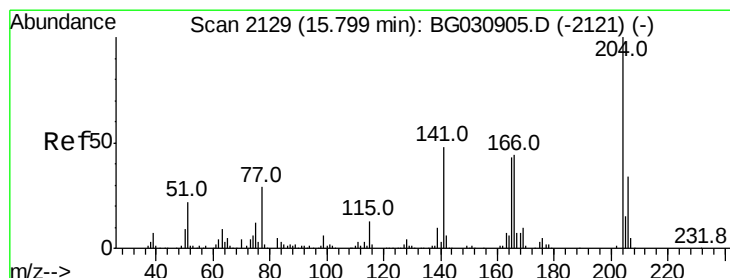
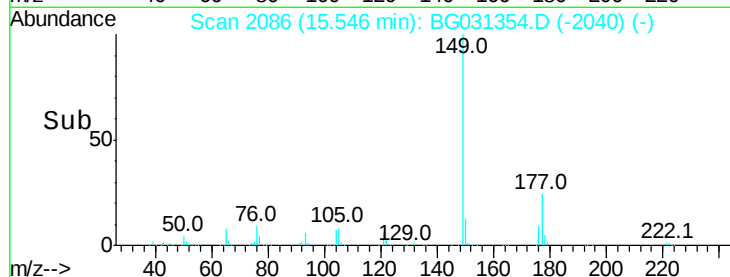
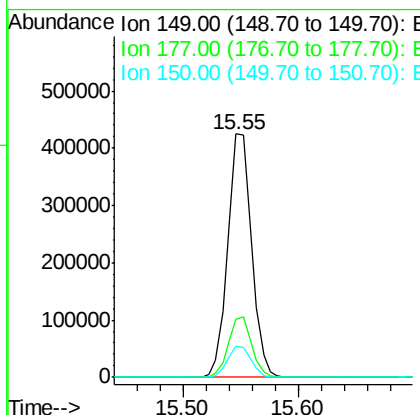
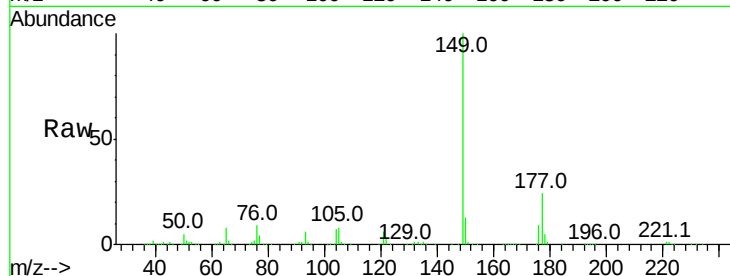




#59
Diethylphthalate
Concen: 41.446 ng
RT: 15.55 min Scan# 2086
Delta R.T. -0.03 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

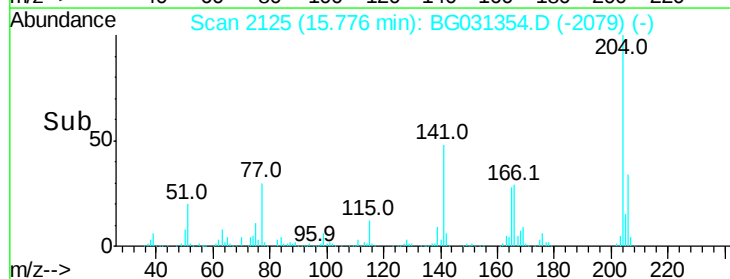
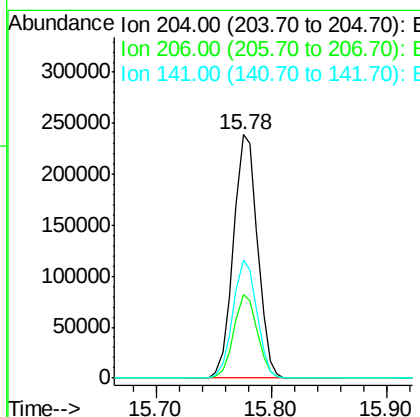
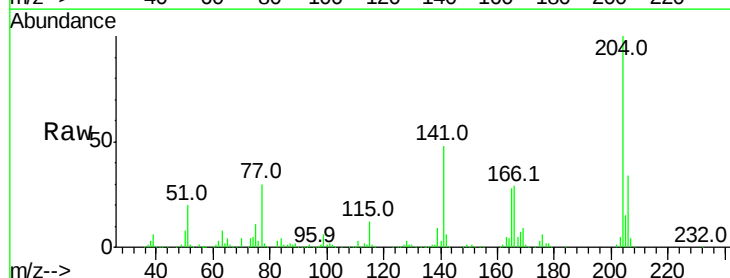
Instrument :
BNA_G
ClientSampled :
PB104664BS

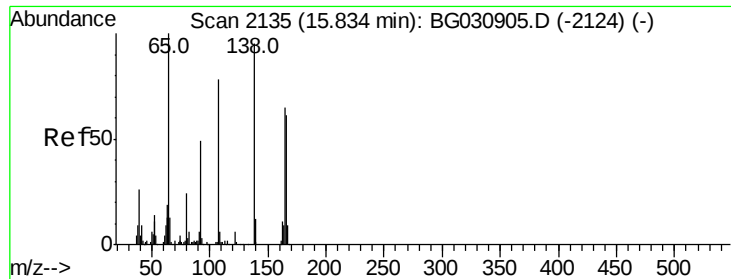
Tot Ion:149 Resp: 605166
Ion Ratio Lower Upper
149 100
177 23.9 18.5 27.7
150 12.8 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 43.538 ng
RT: 15.78 min Scan# 2125
Delta R.T. -0.03 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Tgt Ion:204 Resp: 345715
Ion Ratio Lower Upper
204 100
206 34.3 26.2 39.2
141 48.5 45.8 68.6

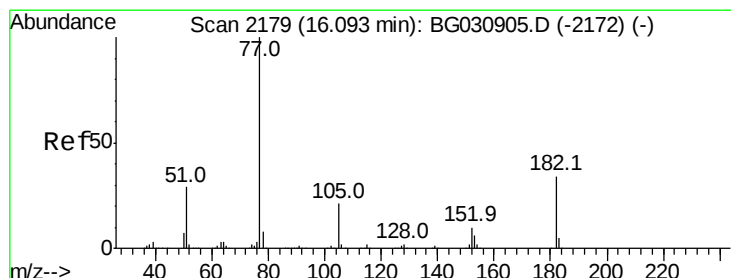
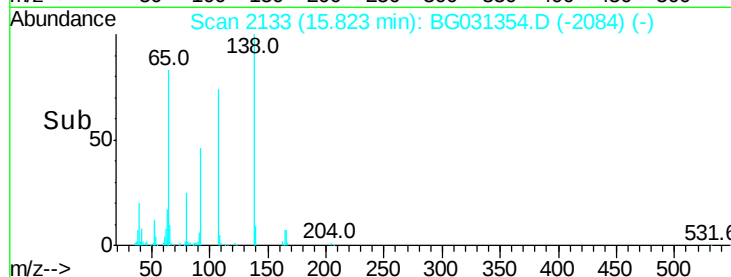
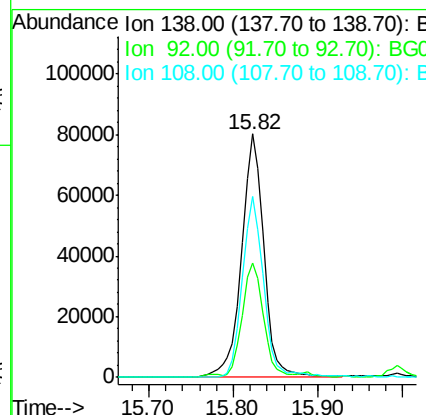
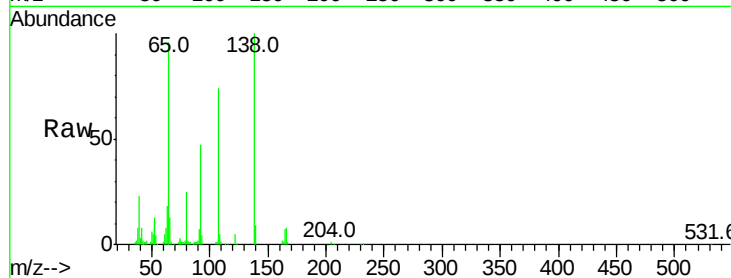




#61
4-Nitroaniline
Concen: 43.955 ng
RT: 15.82 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

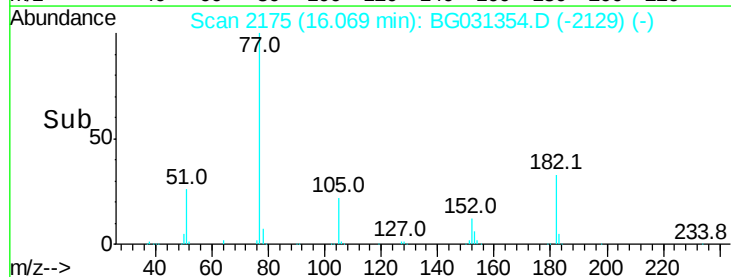
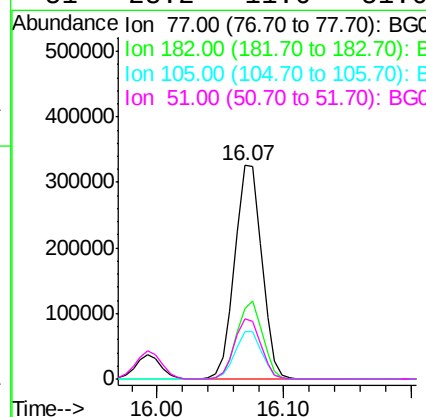
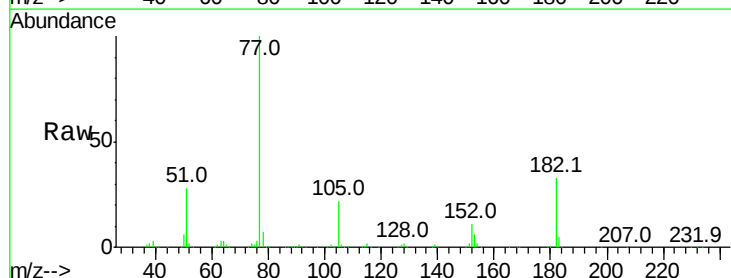
Instrument :
BNA_G
ClientSampleId :
PB104664BS

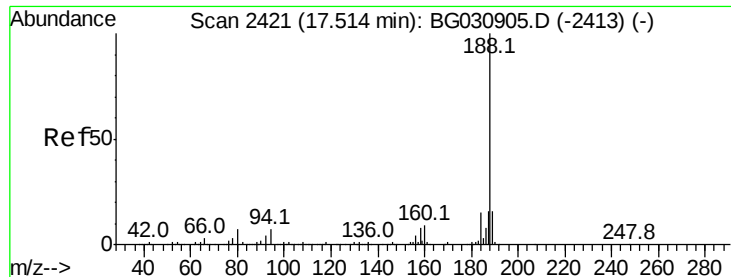
Tot Ion:138 Resp: 146425
Ion Ratio Lower Upper
138 100
92 46.8 40.1 80.1
108 74.5 65.4 105.4



#62
Azobenzene
Concen: 43.013 ng
RT: 16.07 min Scan# 2175
Delta R.T. -0.03 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Tgt Ion: 77 Resp: 478975
Ion Ratio Lower Upper
77 100
182 32.7 7.4 47.4
105 22.1 0.3 40.3
51 28.2 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2417

Delta R.T. -0.02 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Instrument :

BNA_G

ClientSampleId :

PB104664BS

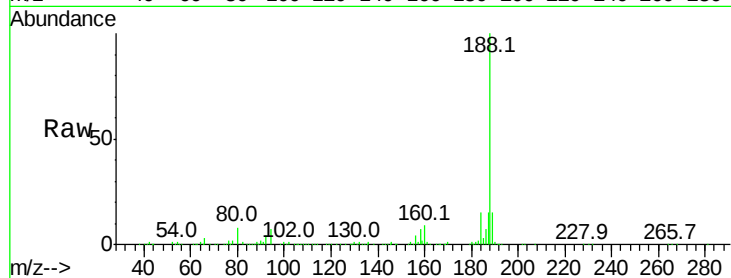
Tot Ion:188 Resp: 437308

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

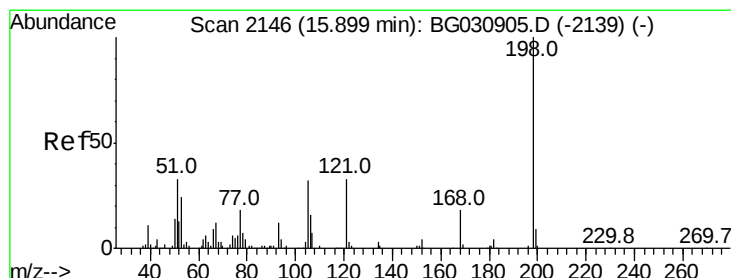
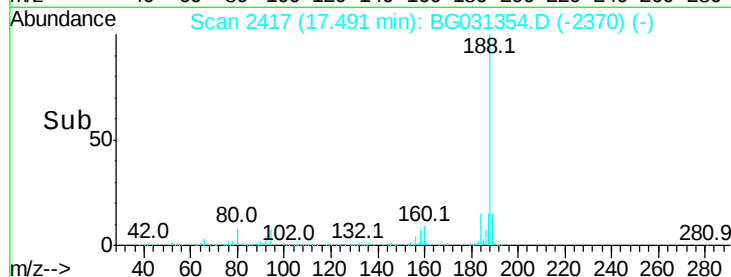
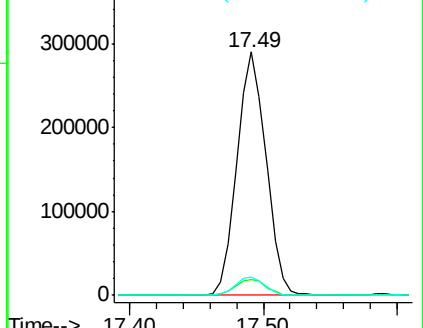
80 7.7 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 34.482 ng

RT: 15.89 min Scan# 2144

Delta R.T. -0.00 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

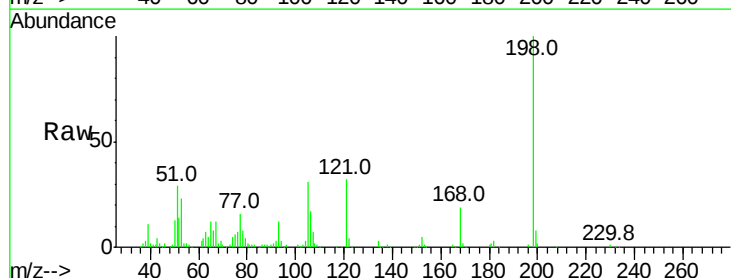
Tgt Ion:198 Resp: 100230

Ion Ratio Lower Upper

198 100

51 28.7 30.6 70.6#

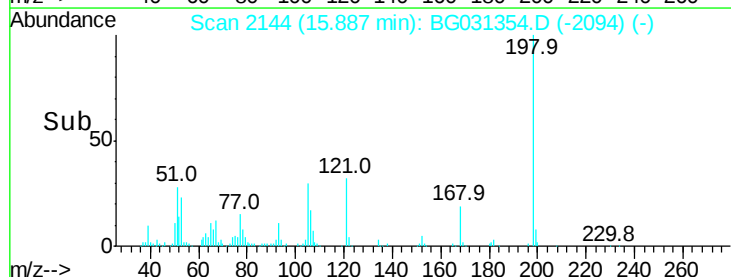
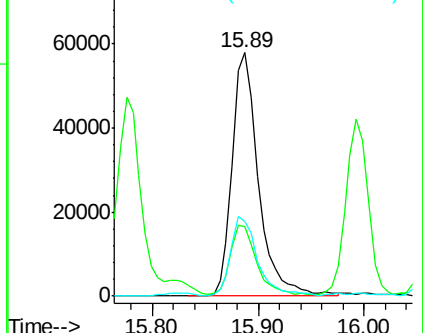
105 30.8 23.8 63.8

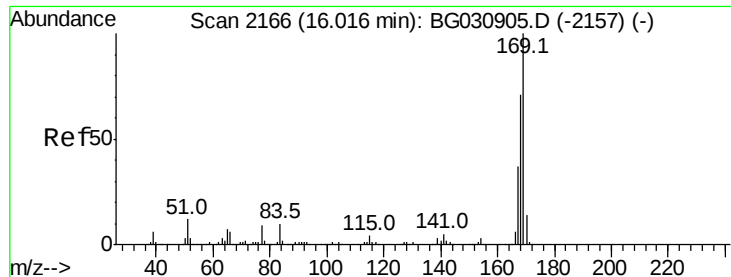


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.756 ng

RT: 15.99 min Scan# 2162

Delta R.T. -0.02 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Instrument :

BNA_G

ClientSampleId :

PB104664BS

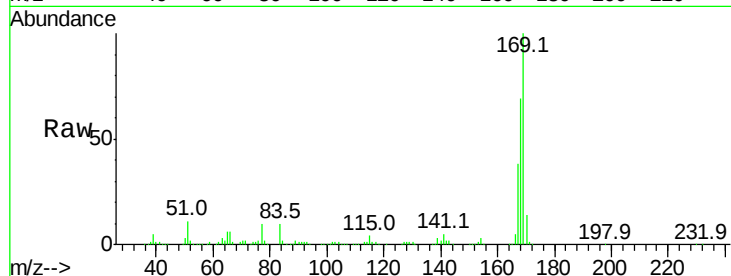
Tot Ion:169 Resp: 540081

Ion Ratio Lower Upper

169 100

168 69.0 55.7 83.5

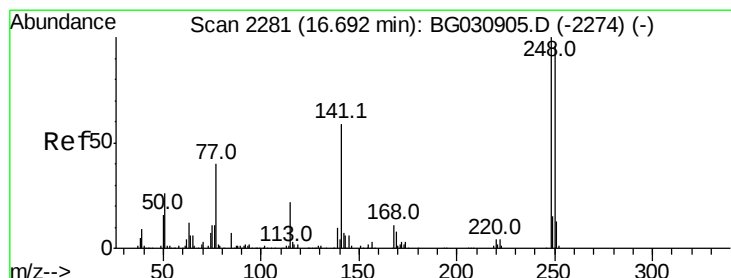
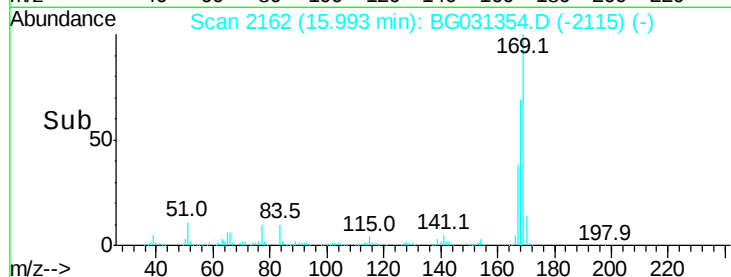
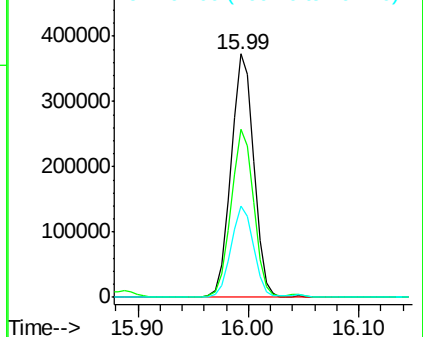
167 37.5 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.284 ng

RT: 16.67 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

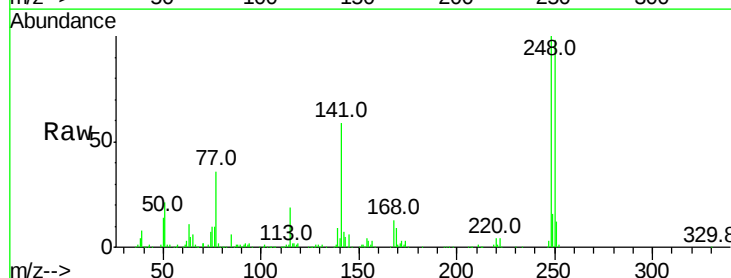
Tgt Ion:248 Resp: 228658

Ion Ratio Lower Upper

248 100

250 98.0 77.1 115.7

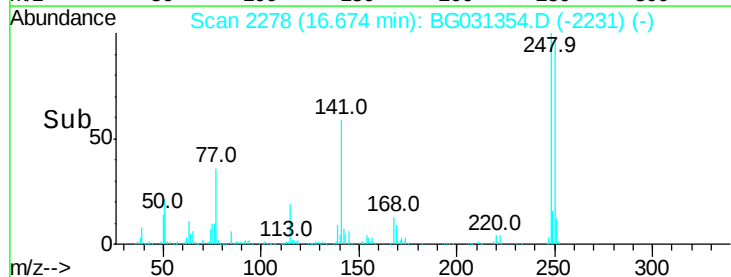
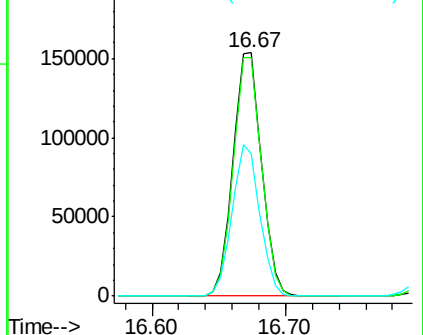
141 58.7 50.8 76.2

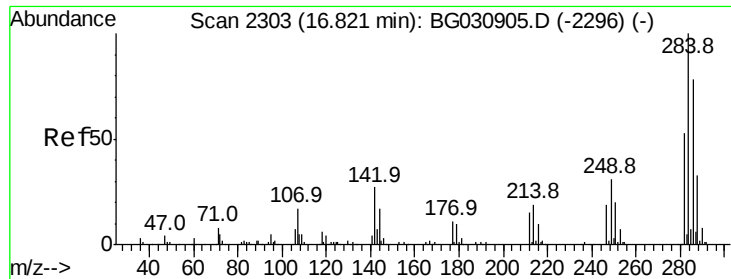


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

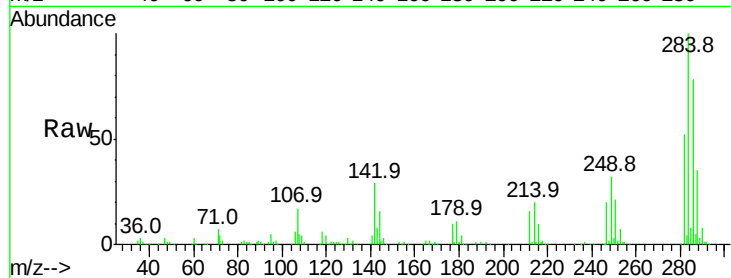




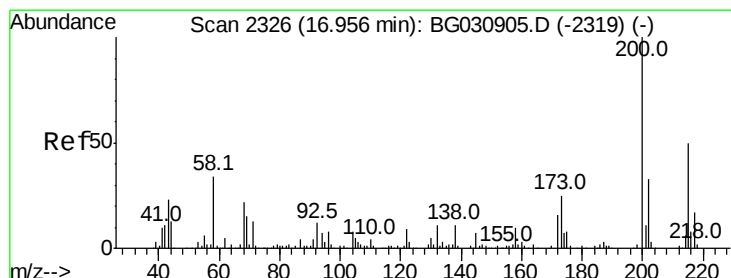
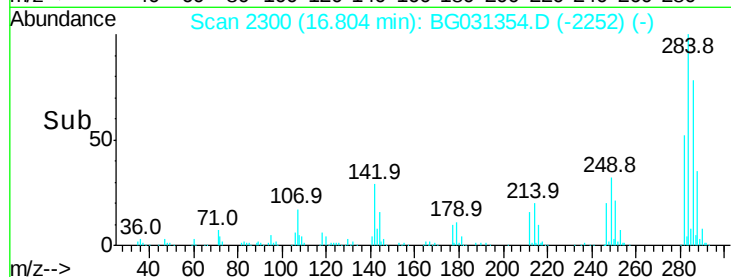
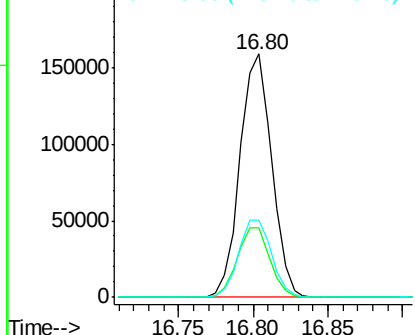
#67
Hexachlorobenzene
Concen: 39.833 ng
RT: 16.80 min Scan# 2300
Delta R.T. -0.02 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Instrument :
BNA_G
ClientSampleId :
PB104664BS

Tot Ion:284 Resp: 234424
Ion Ratio Lower Upper
284 100
142 28.8 26.8 40.2
249 31.6 26.3 39.5

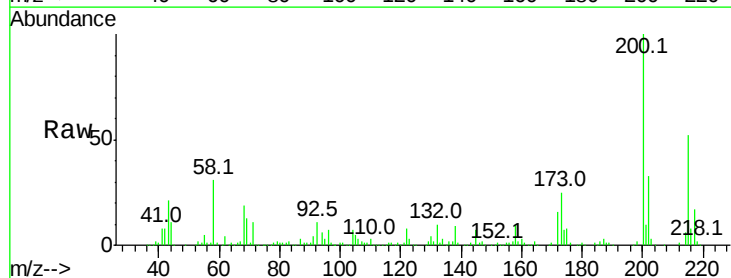


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

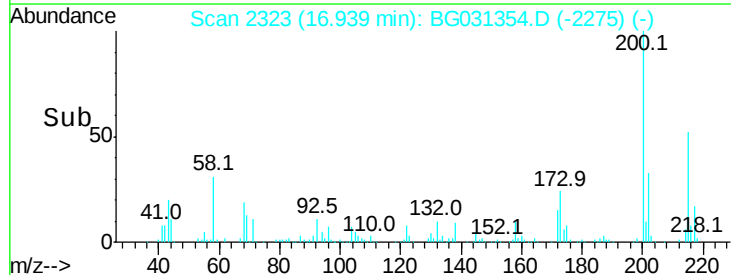
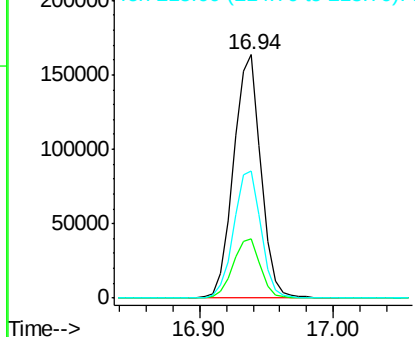


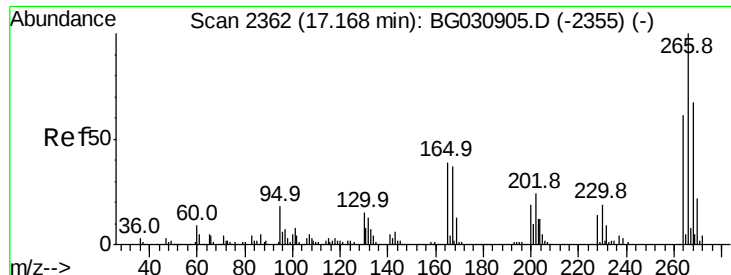
#68
Atrazine
Concen: 42.581 ng
RT: 16.94 min Scan# 2323
Delta R.T. -0.02 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Tgt Ion:200 Resp: 232812
Ion Ratio Lower Upper
200 100
173 24.6 5.2 45.2
215 52.4 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: 67.194 ng

RT: 17.15 min Scan# 2359

Delta R.T. -0.01 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Instrument :

BNA_G

ClientSampleId :

PB104664BS

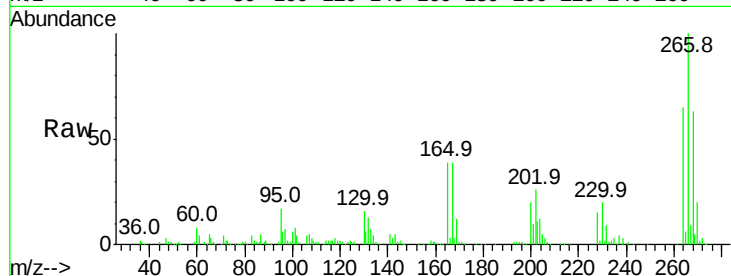
Tot Ion:266 Resp: 218592

Ion Ratio Lower Upper

266 100

268 62.7 51.1 76.7

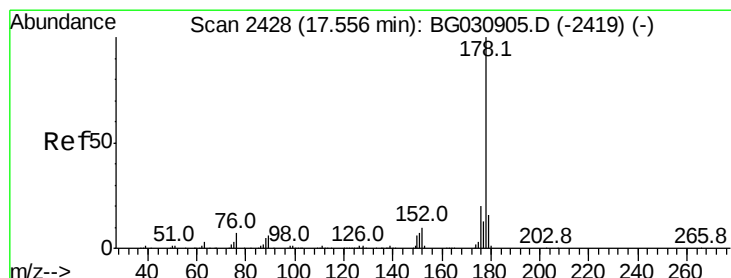
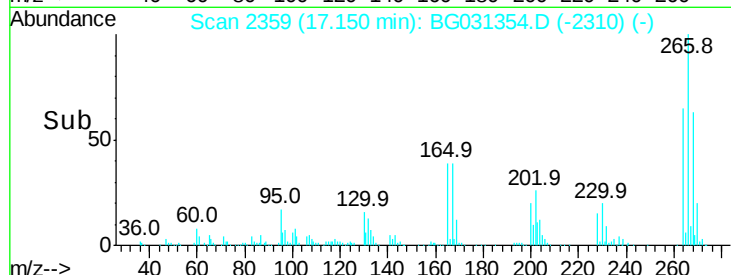
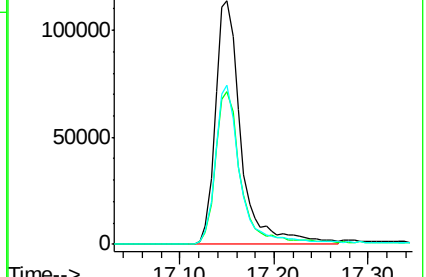
264 65.1 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 44.224 ng

RT: 17.53 min Scan# 2424

Delta R.T. -0.02 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

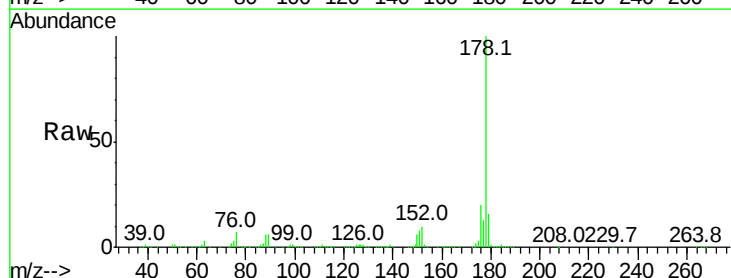
Tgt Ion:178 Resp: 1006955

Ion Ratio Lower Upper

178 100

176 20.0 15.7 23.5

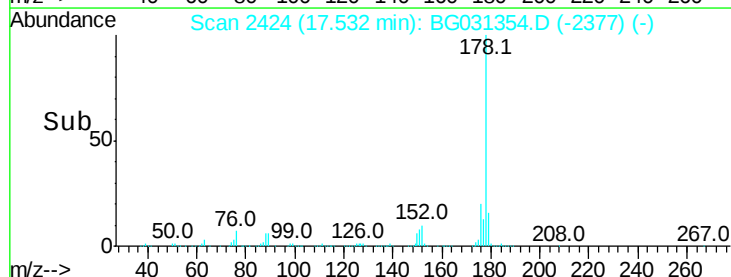
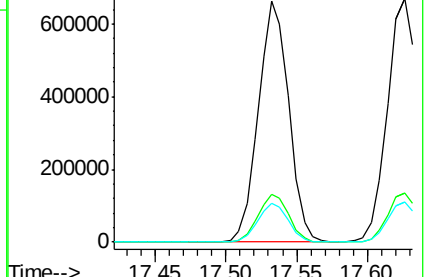
179 16.0 12.5 18.7

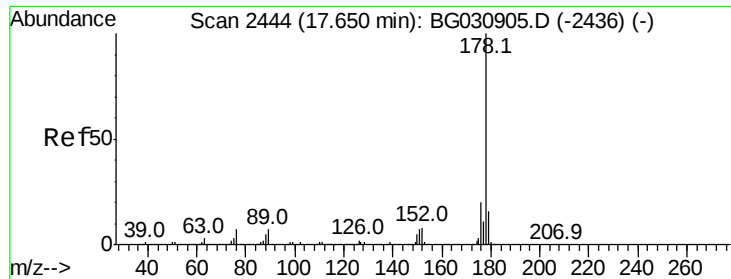


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

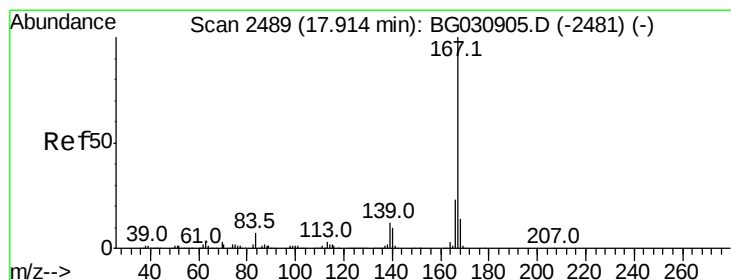
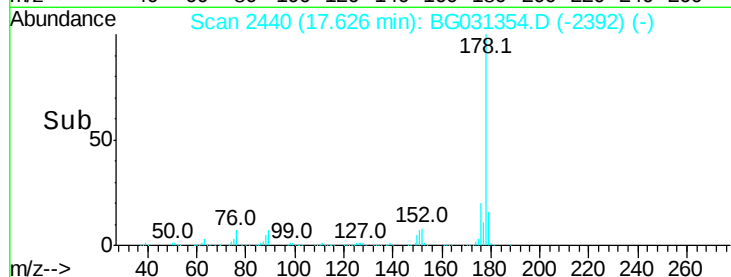
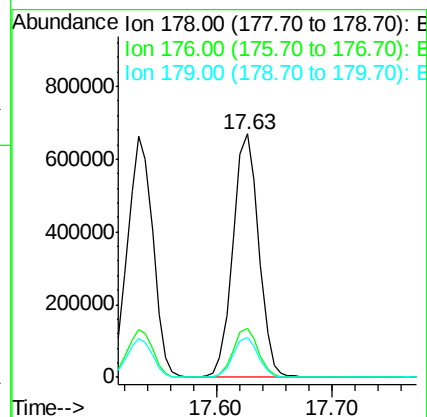
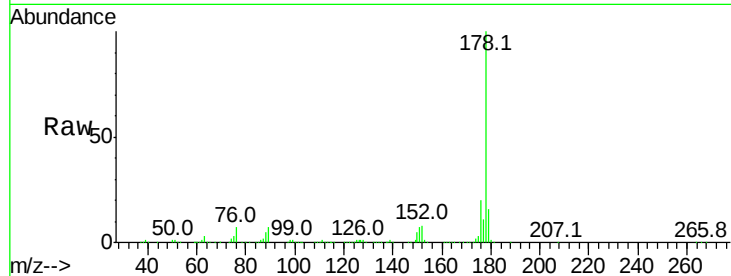




#71
 Anthracene
 Concen: 45.264 ng
 RT: 17.63 min Scan# 2440
 Delta R.T. -0.02 min
 Lab File: BG031354.D
 Acq: 4 Dec 2017 19:53

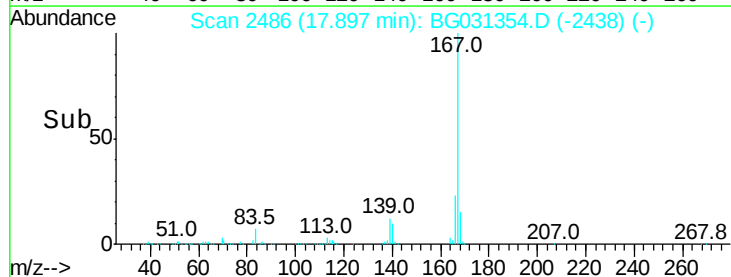
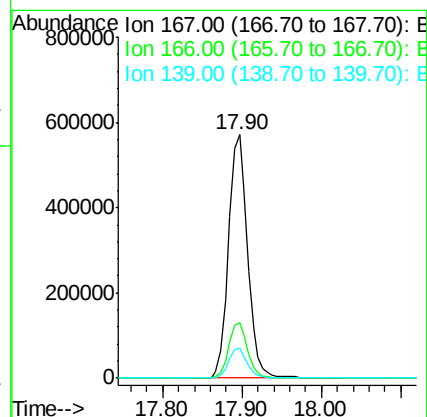
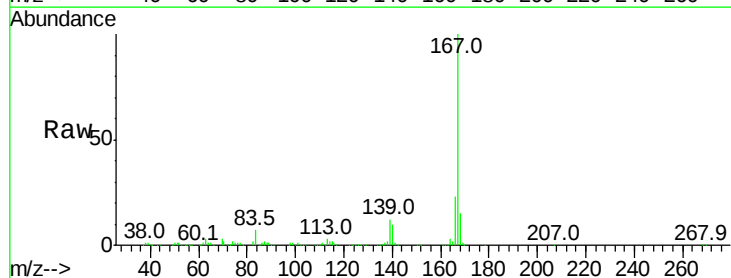
Instrument :
 BNA_G
 ClientSampleId :
 PB104664BS

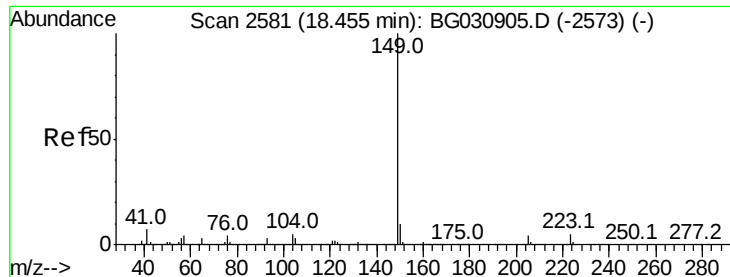
Tot Ion:178 Resp: 1032690
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.0 24.0
 179 16.3 12.5 18.7



#72
 Carbazole
 Concen: 44.569 ng
 RT: 17.90 min Scan# 2486
 Delta R.T. -0.02 min
 Lab File: BG031354.D
 Acq: 4 Dec 2017 19:53

Tgt Ion:167 Resp: 952761
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.2 27.4
 139 12.4 9.4 14.2

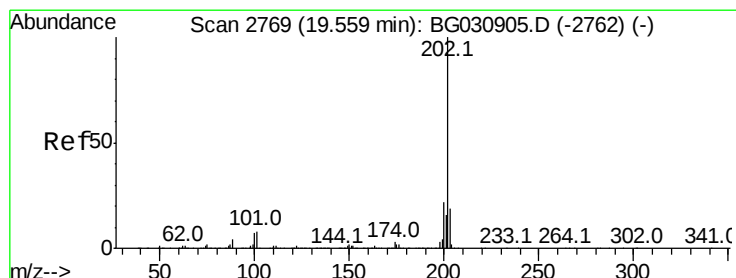
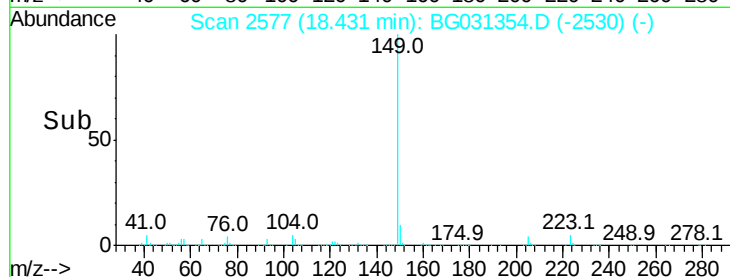
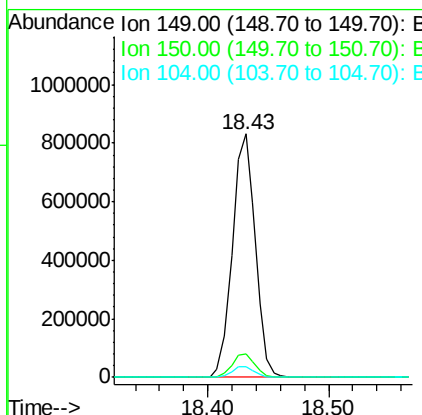
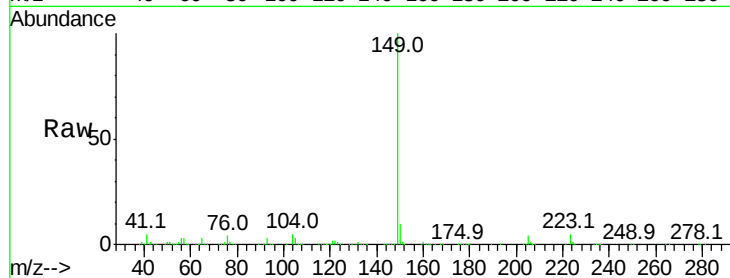




#73
Di-n-butylphthalate
Concen: 41.645 ng
RT: 18.43 min Scan# 2577
Delta R.T. -0.02 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

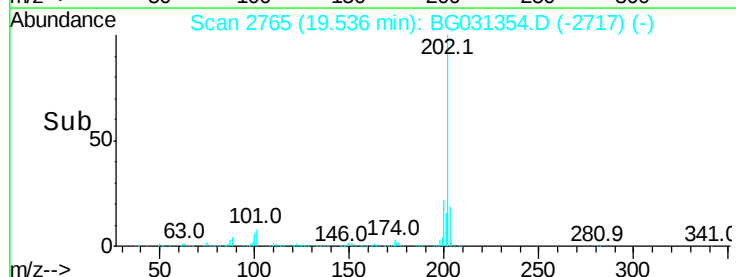
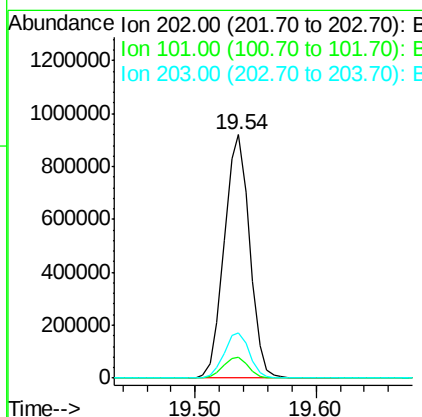
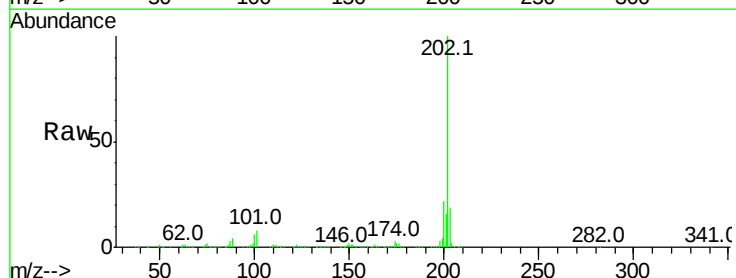
Instrument :
BNA_G
ClientSampleId :
PB104664BS

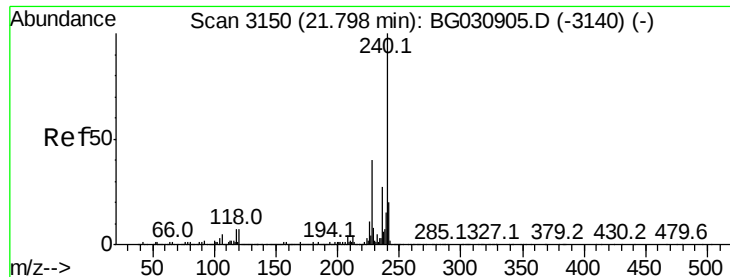
Tot Ion:149 Resp: 1093092
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.6
104 4.6 3.9 5.9



#74
Fluoranthene
Concen: 46.464 ng
RT: 19.54 min Scan# 2765
Delta R.T. -0.02 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Tgt Ion:202 Resp: 1339514
Ion Ratio Lower Upper
202 100
101 8.4 0.0 28.9
203 18.6 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Instrument :

BNA_G

ClientSampleId :

PB104664BS

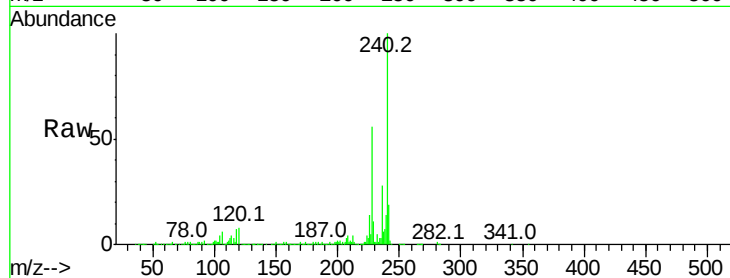
Tot Ion:240 Resp: 511315

Ion Ratio Lower Upper

240 100

120 8.5 6.8 10.2

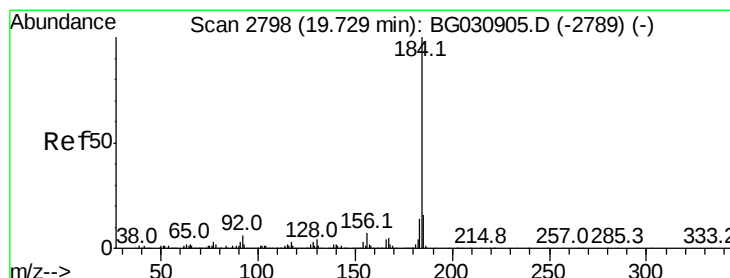
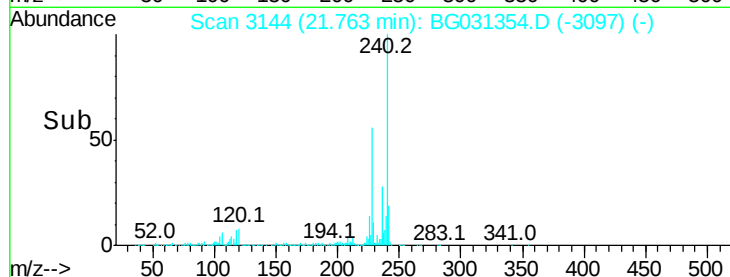
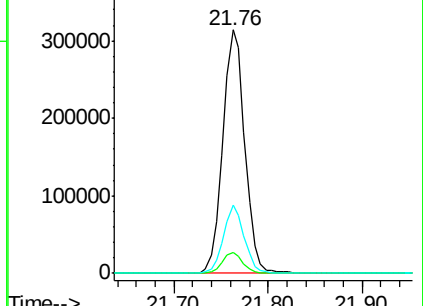
236 28.1 20.9 31.3



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: 23.377 ng

RT: 19.71 min Scan# 2794

Delta R.T. -0.02 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

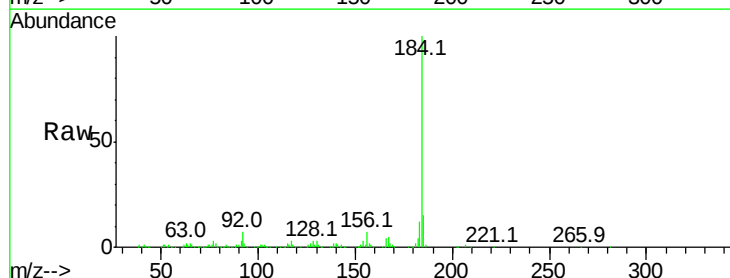
Tgt Ion:184 Resp: 383951

Ion Ratio Lower Upper

184 100

185 15.2 11.1 16.7

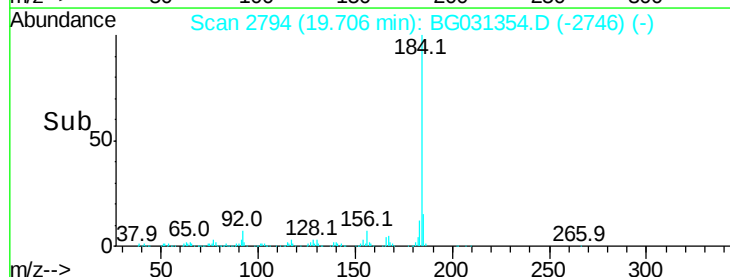
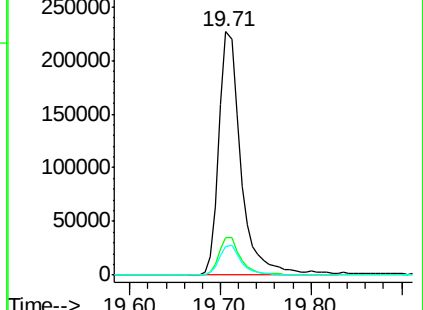
183 11.9 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

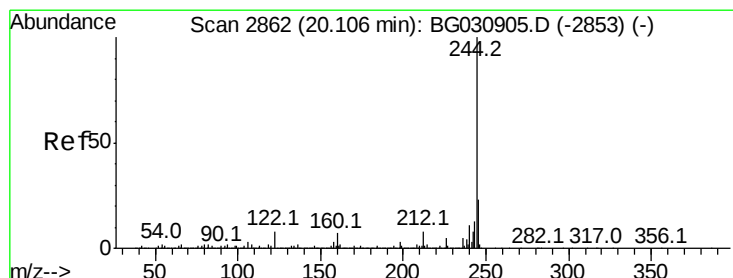
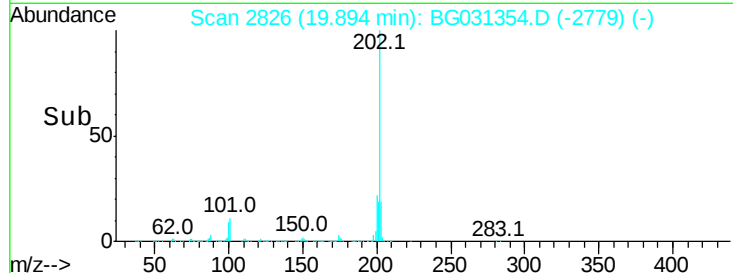
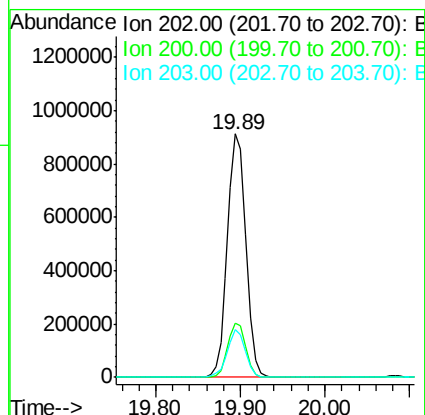
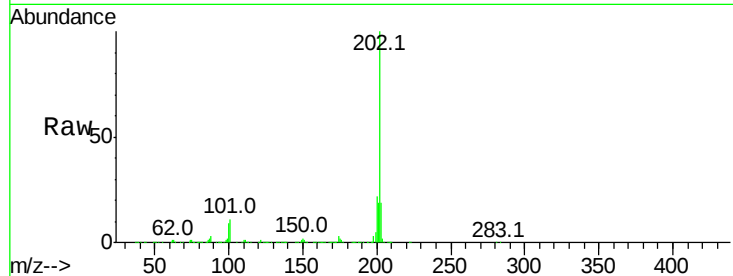




#77
Pvrene
Concen: 45.303 ng
RT: 19.89 min Scan# 2826
Delta R.T. -0.02 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

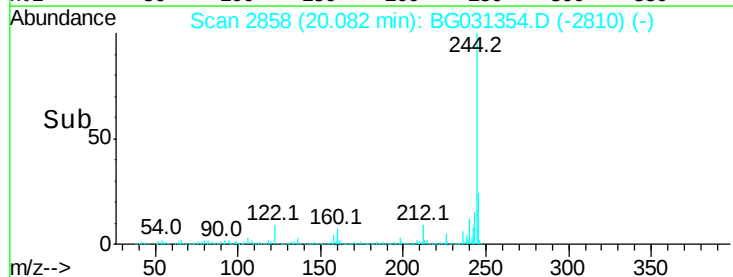
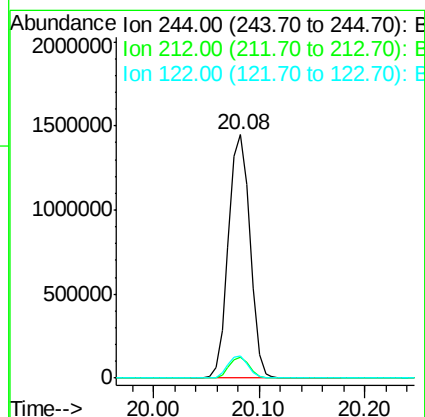
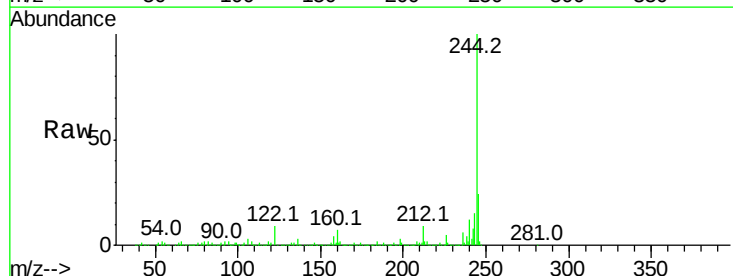
Instrument :
BNA_G
ClientSampleId :
PB104664BS

Tot Ion:202 Resp: 1374558
Ion Ratio Lower Upper
202 100
200 22.5 16.9 25.3
203 19.5 13.9 20.9



#78
Terphenyl-d14
Concen: 88.190 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.02 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Tgt Ion:244 Resp: 2042164
Ion Ratio Lower Upper
244 100
212 8.7 5.8 8.8
122 8.9 7.0 10.4

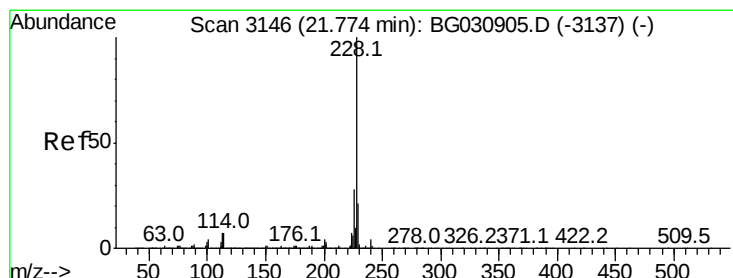
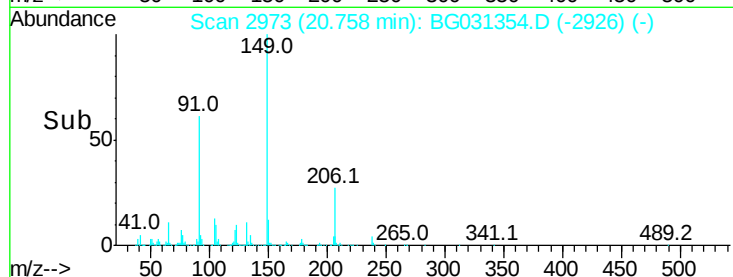
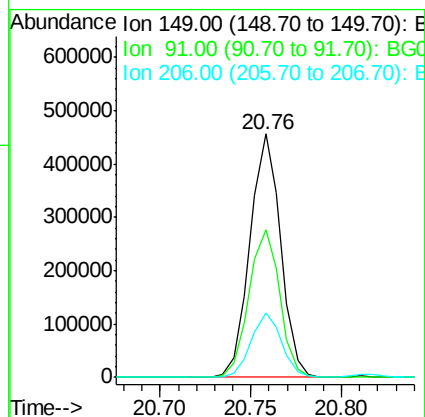
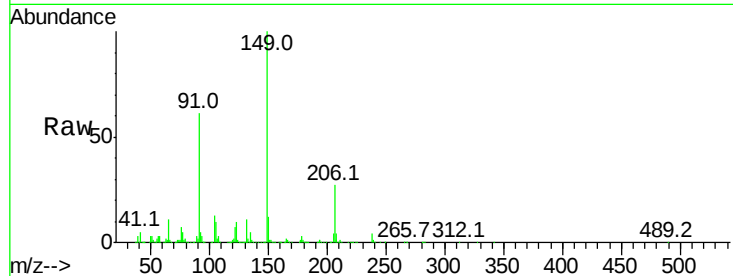




#79
Butylbenzylphthalate
Concen: 44.268 ng
RT: 20.76 min Scan# 2973
Delta R.T. -0.02 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

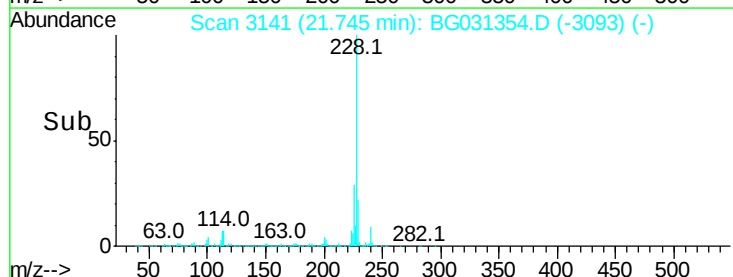
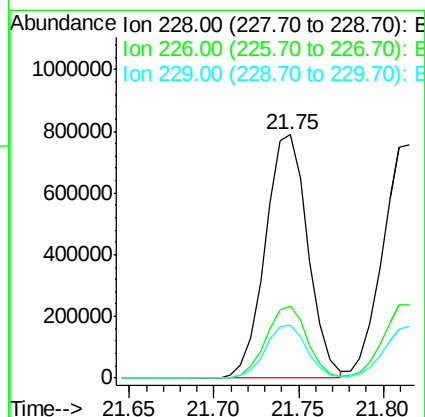
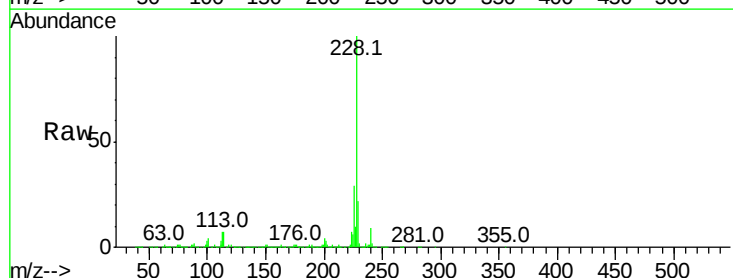
Instrument :
BNA_G
ClientSampleId :
PB104664BS

Tot Ion:149 Resp: 535532
Ion Ratio Lower Upper
149 100
91 60.8 62.2 93.2#
206 26.6 18.6 27.8



#80
Benzo(a)anthracene
Concen: 43.389 ng
RT: 21.75 min Scan# 3141
Delta R.T. -0.02 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Tgt Ion:228 Resp: 1378075
Ion Ratio Lower Upper
228 100
226 29.4 22.7 34.1
229 21.9 16.2 24.2

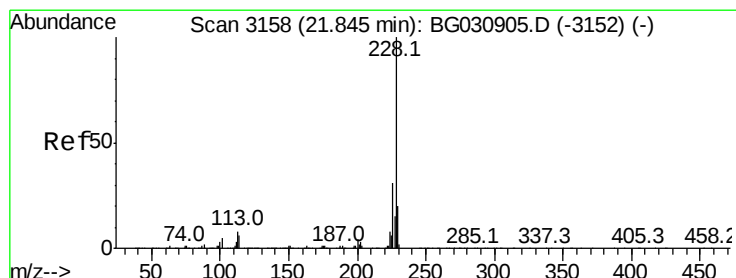
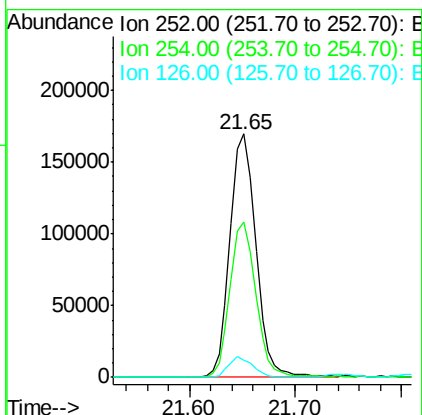
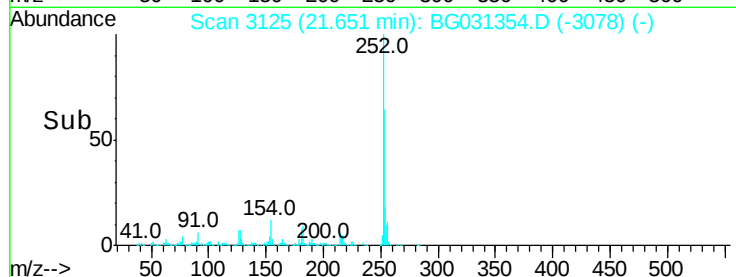
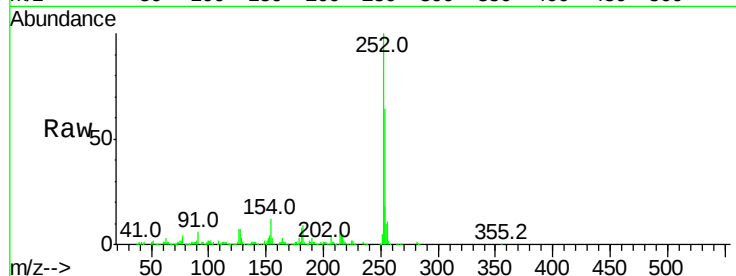




#81
 3,3'-Dichlorobenzidine
 Concen: 22.617 ng
 RT: 21.65 min Scan# 3125
 Delta R.T. -0.02 min
 Lab File: BG031354.D
 Acq: 4 Dec 2017 19:53

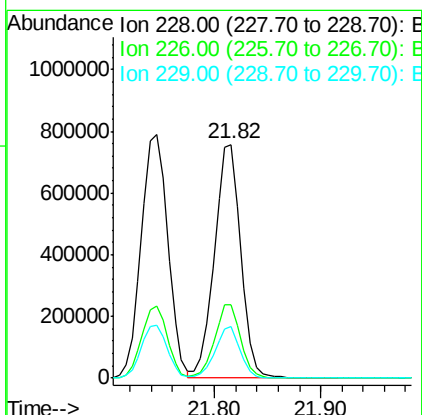
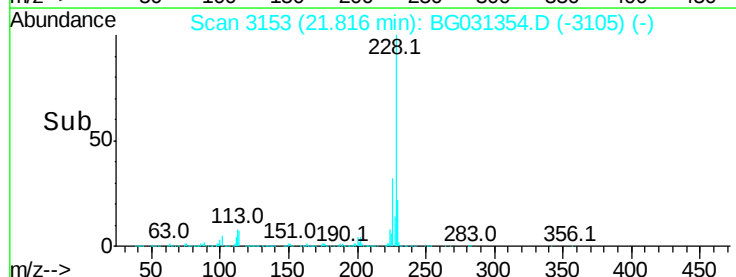
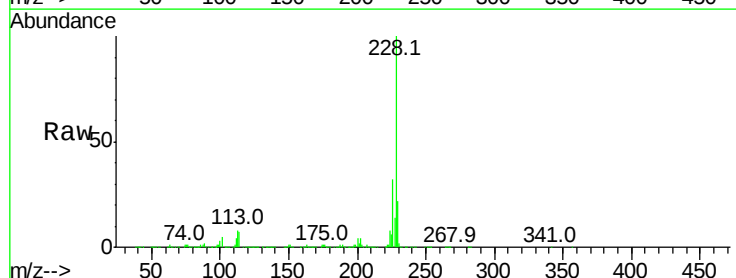
Instrument :
 BNA_G
 ClientSampleId :
 PB104664BS

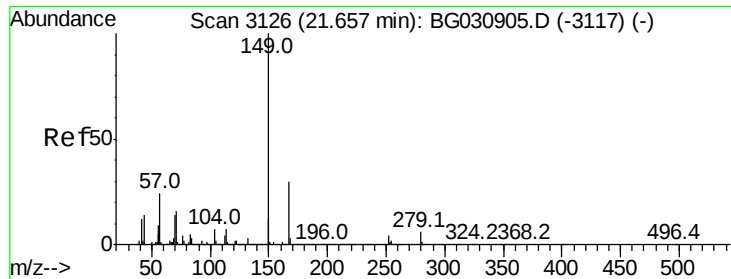
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.8	50.8	76.2
126	7.2	7.4	11.2#



#82
 Chrysene
 Concen: 44.773 ng
 RT: 21.82 min Scan# 3153
 Delta R.T. -0.02 min
 Lab File: BG031354.D
 Acq: 4 Dec 2017 19:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.9	37.3
229	21.9	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.626 ng

RT: 21.62 min Scan# 3119

Delta R.T. -0.03 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Instrument :

BNA_G

ClientSampleId :

PB104664BS

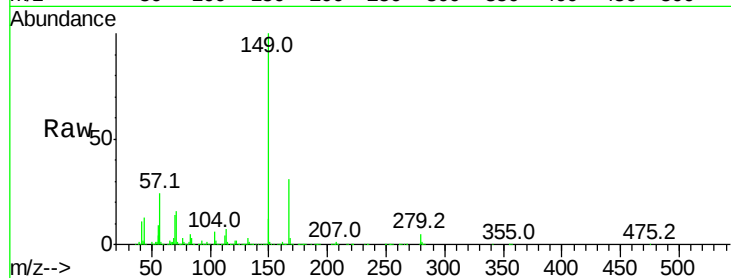
Tot Ion:149 Resp: 744373

Ion Ratio Lower Upper

149 100

167 30.9 24.3 36.5

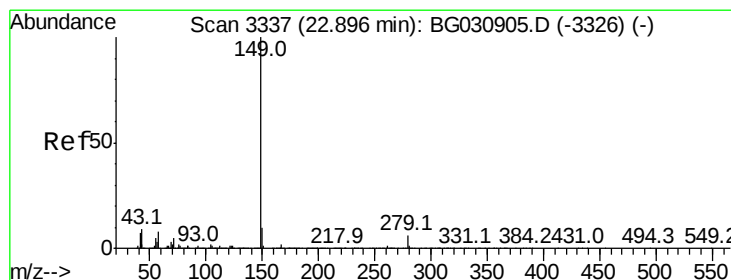
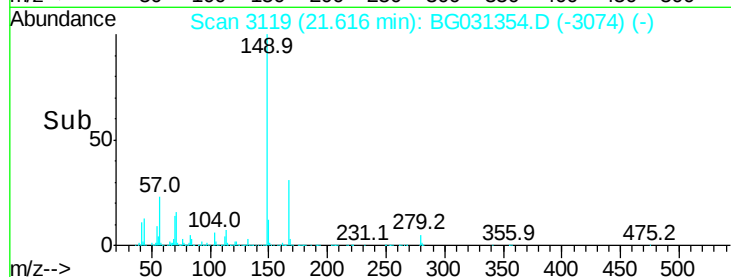
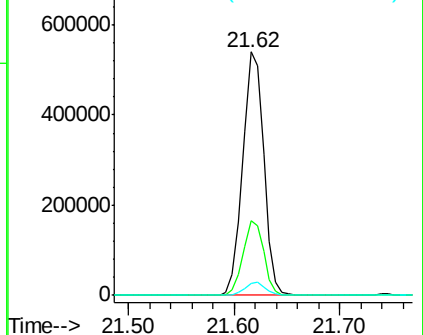
279 5.1 4.0 6.0



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: 44.664 ng

RT: 22.84 min Scan# 3328

Delta R.T. -0.04 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

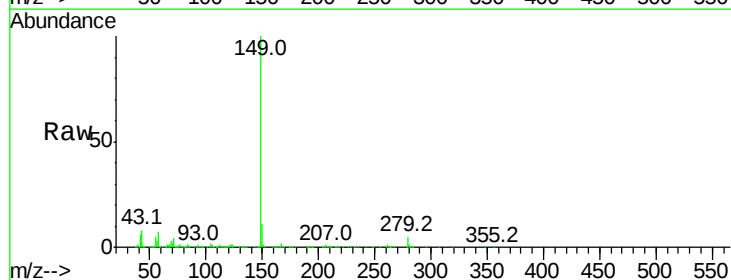
Tgt Ion:149 Resp: 1269477

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

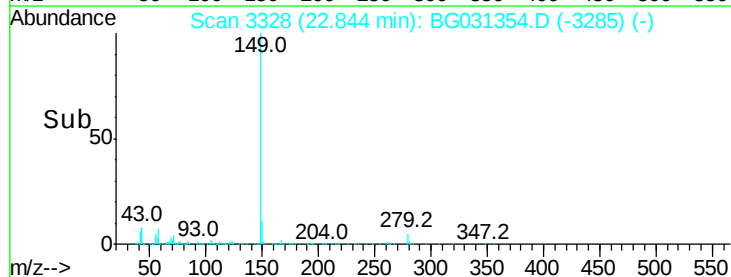
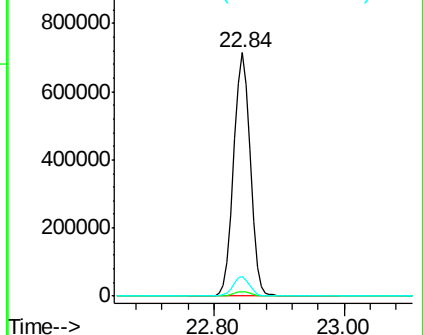
43 7.9 8.9 13.3#

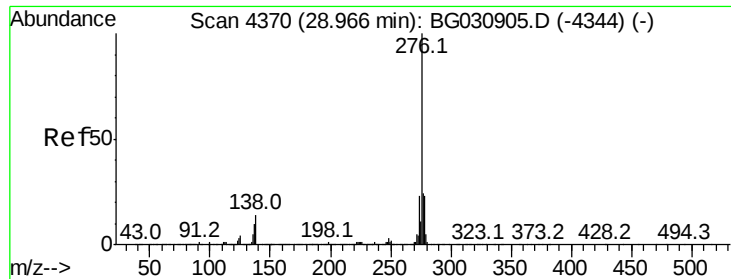


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 43.108 ng

RT: 28.84 min Scan# 4349

Delta R.T. -0.04 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Instrument :

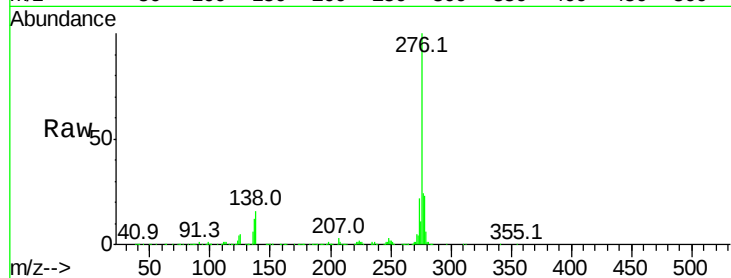
BNA_G

ClientSampleId :

PB104664BS

Tot Ion:276 Resp: 1539685

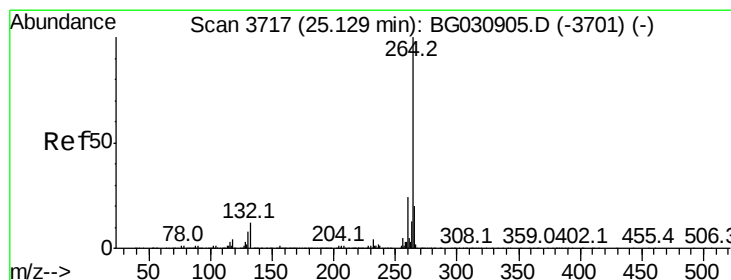
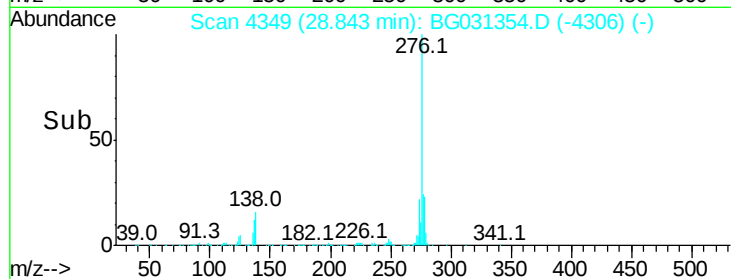
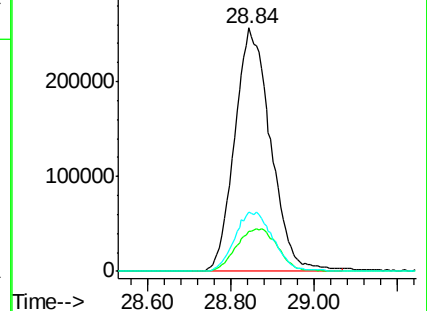
Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.0	24.0#
277	25.8	20.0	30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.06 min Scan# 3705

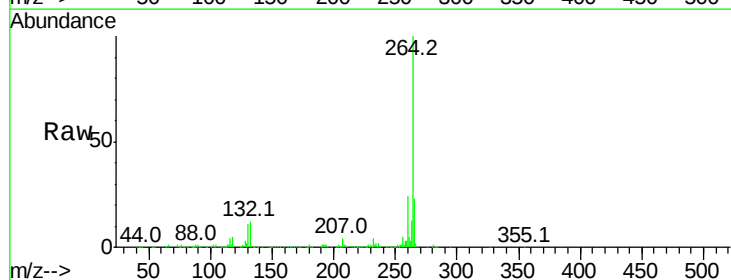
Delta R.T. -0.03 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Tgt Ion:264 Resp: 512685

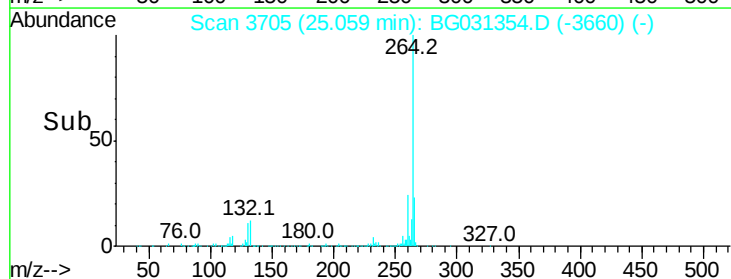
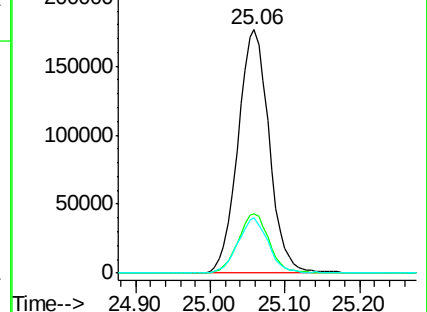
Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.0
265	22.8	17.7	26.5

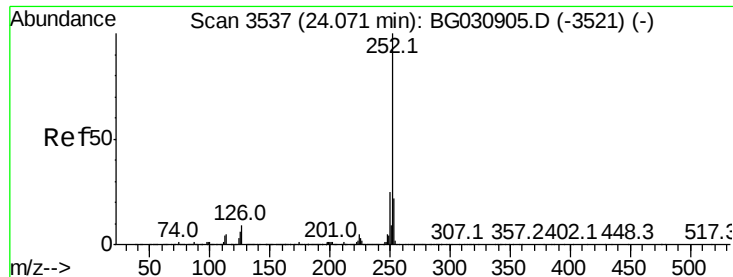


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

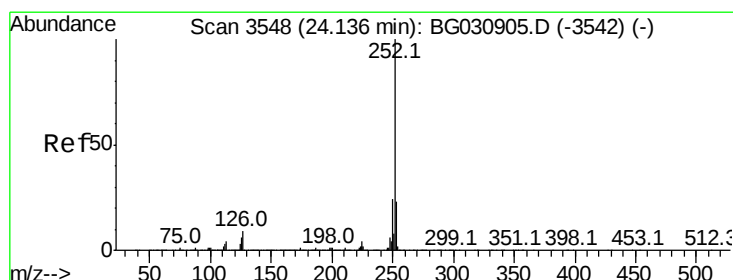
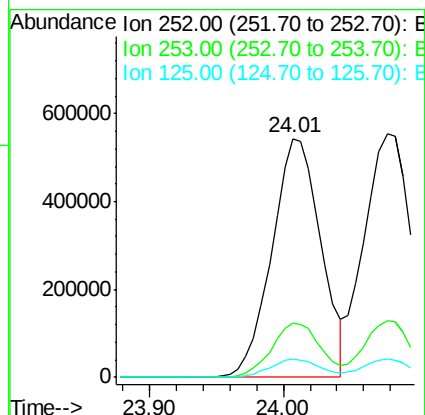
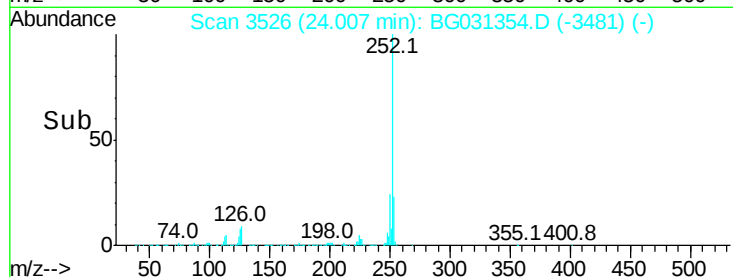
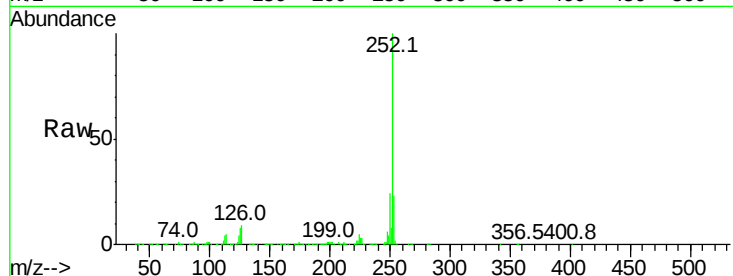




#87
Benzo(b)fluoranthene
Concen: 44.482 ng
RT: 24.01 min Scan# 3526
Delta R.T. -0.03 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

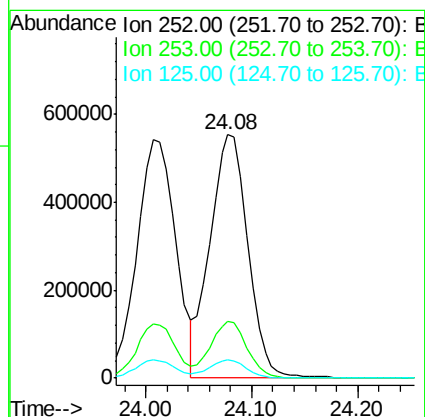
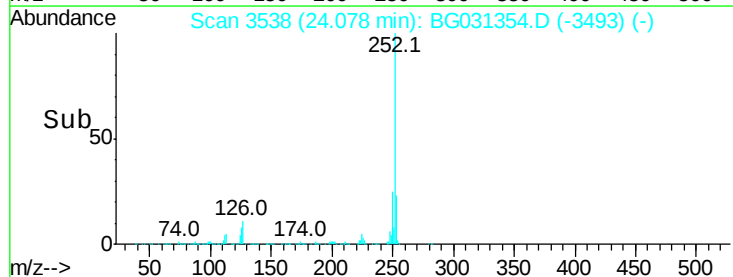
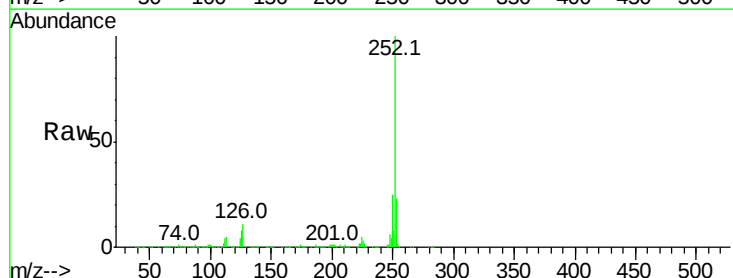
Instrument :
BNA_G
ClientSampleId :
PB104664BS

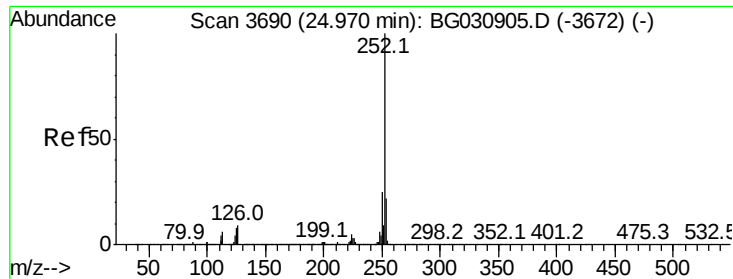
Tot Ion:252 Resp: 1379482
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.4
125 7.6 7.2 10.8



#88
Benzo(k)fluoranthene
Concen: 44.615 ng
RT: 24.08 min Scan# 3538
Delta R.T. -0.03 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Tgt Ion:252 Resp: 1371446
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.2
125 7.8 6.6 9.8





#89

Benzo(a)pyrene

Concen: 45.857 ng

RT: 24.91 min Scan# 3679

Delta R.T. -0.03 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Instrument :

BNA_G

ClientSampleId :

PB104664BS

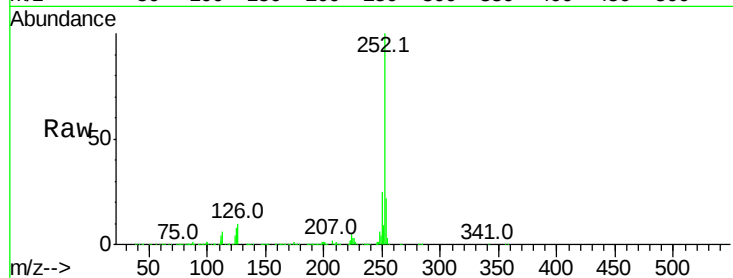
Tot Ion:252 Resp: 1351005

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.3	27.5
125	8.0	7.3	10.9

252 100

253 22.4 18.3 27.5

125 8.0 7.3 10.9

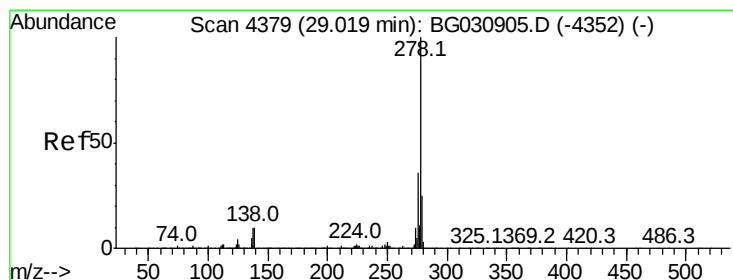
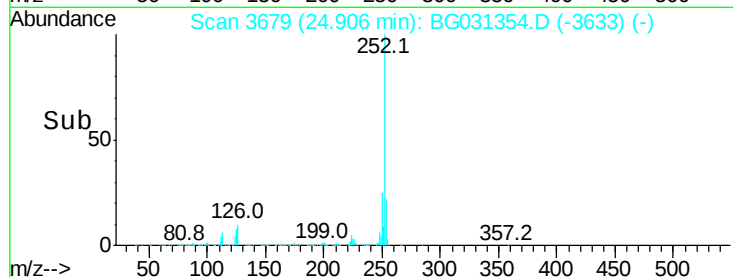
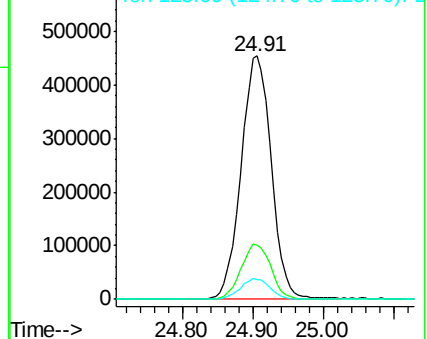


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.669 ng

RT: 28.90 min Scan# 4358

Delta R.T. -0.04 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

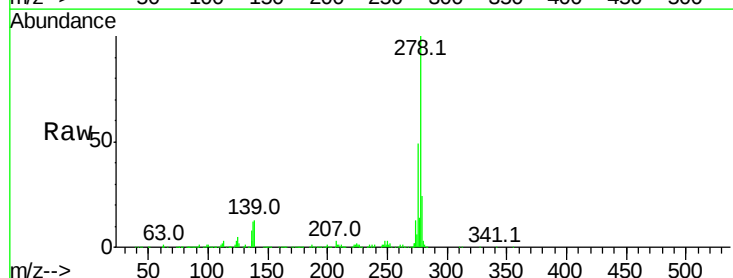
Tgt Ion:278 Resp: 1284891

Ion	Ratio	Lower	Upper
278	100		
139	12.8	9.8	14.6
279	24.0	18.4	27.6

278 100

139 12.8 9.8 14.6

279 24.0 18.4 27.6

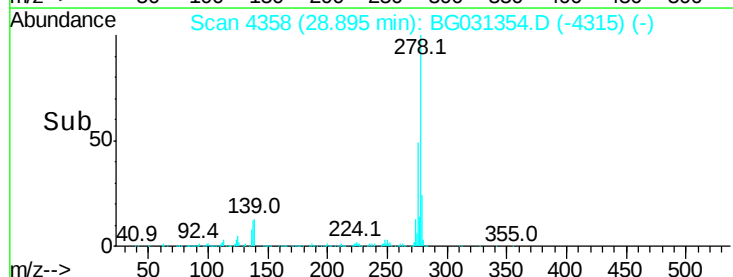
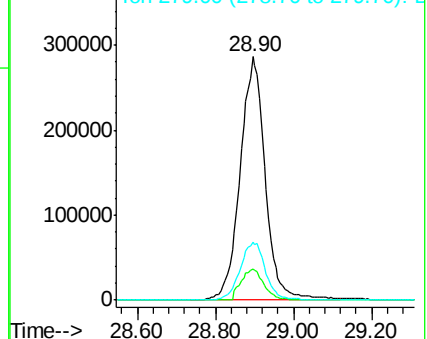


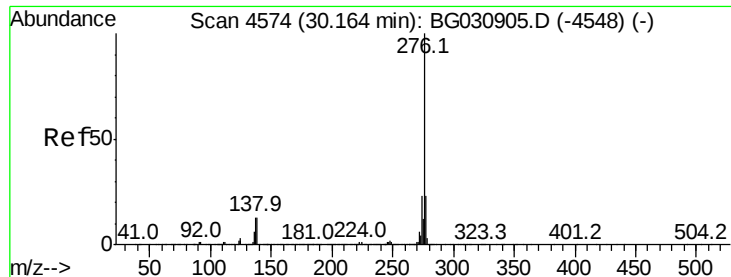
Abundance

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: 43.127 ng
 RT: 30.03 min Scan# 4551
 Delta R.T. -0.04 min
 Lab File: BG031354.D
 Acq: 4 Dec 2017 19:53

Instrument :
 BNA_G
 ClientSampleId :
 PB104664BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.3	27.5
138	16.9	13.9	20.9

