

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032018\
 Data File : BG033266.D
 Acq On : 20 Mar 2018 11:22
 Operator : SJ/JU
 Sample : PB107389BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107389BS

Quant Time: Mar 20 16:24:44 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 16:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	41339	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	186955	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	137617	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	351010	20.00	ng	0.00
75) Chrysene-d12	22.60	240	350129	20.00	ng	0.00
86) Perylene-d12	26.40	264	361142	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.32	112	399667	181.29	ng	0.00
7) Phenol-d6	8.01	99	600923	158.64	ng	0.00
23) Nitrobenzene-d5	10.10	82	377412	92.75	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	296440	144.03	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	913074	95.78	ng	0.00
78) Terphenyl-d14	20.76	244	1595025	97.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.94	88	42101	37.604	ng	91
3) Pyridine	4.41	79	115579	37.345	ng	96
4) n-Nitrosodimethylamine	4.32	42	64560	50.831	ng	# 84
6) Aniline	8.19	93	104790	23.524	ng	97
8) 2-Chlorophenol	8.45	128	135178	53.635	ng	98
9) Benzaldehyde	8.00	77	58037	24.109	ng	91
10) Phenol	8.04	94	197071	52.694	ng	89
11) bis(2-Chloroethyl)ether	8.28	93	136552	44.733	ng	96
12) 1,3-Dichlorobenzene	8.78	146	138163	41.930	ng	95
13) 1,4-Dichlorobenzene	8.94	146	137561	41.686	ng	99
14) 1,2-Dichlorobenzene	9.27	146	141773	44.019	ng	98
15) Benzyl Alcohol	9.14	79	156322	52.415	ng	88
16) 2,2'-oxybis(1-Chloropropan	9.42	45	226915	45.598	ng	92
17) 2-Methylphenol	9.34	107	127871	50.190	ng	91
18) Hexachloroethane	10.02	117	52845	41.491	ng	98
19) n-Nitroso-di-n-propylamine	9.71	70	125394	45.176	ng	98
20) 3+4-Methylphenols	9.67	107	177408	48.907	ng	88
22) Acetophenone	9.74	105	216845	42.337	ng	# 96
24) Nitrobenzene	10.15	77	184070	42.261	ng	92
25) Isophorone	10.66	82	358376	45.377	ng	98
26) 2-Nitrophenol	10.87	139	78524	47.620	ng	# 82
27) 2,4-Dimethylphenol	10.90	122	135272	56.470	ng	85
28) bis(2-Chloroethoxy)methane	11.14	93	191633	48.631	ng	98
29) 2,4-Dichlorophenol	11.42	162	153047	51.952	ng	97
30) 1,2,4-Trichlorobenzene	11.63	180	160967	42.055	ng	97
31) Naphthalene	11.83	128	421657	43.523	ng	100
32) Benzoic acid	11.04	122	88383	39.690	ng	91
33) 4-Chloroaniline	11.93	127	81615	18.803	ng	96
34) Hexachlorobutadiene	12.09	225	118054	40.786	ng	95
35) Caprolactam	12.69	113	52224	45.250	ng	91
36) 4-Chloro-3-methylphenol	12.99	107	189566	49.337	ng	92
37) 2-Methylnaphthalene	13.38	142	327599	43.566	ng	91
39) 1,2,4,5-Tetrachlorobenzene	13.74	216	217920	43.716	ng	98
40) Hexachlorocyclopentadiene	13.71	237	293868	100.562	ng	95

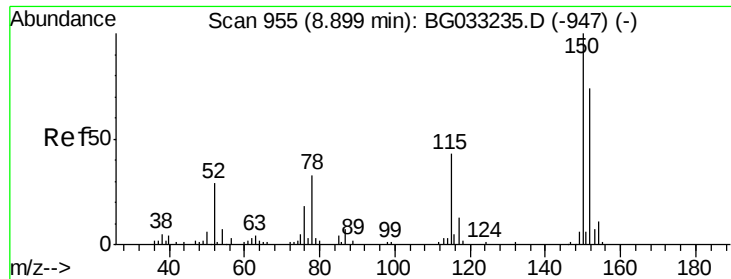
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032018\
 Data File : BG033266.D
 Acq On : 20 Mar 2018 11:22
 Operator : SJ/JU
 Sample : PB107389BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107389BS

Quant Time: Mar 20 16:24:44 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 16:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.96	196	143747	49.633	nq	95
43) 2,4,5-Trichlorophenol	14.04	196	169138	49.408	nq	97
45) 1,1'-Biphenyl	14.35	154	458818	43.396	nq	97
46) 2-Chloronaphthalene	14.41	162	364256	44.682	nq	98
47) 2-Nitroaniline	14.60	65	144739	47.402	nq	92
48) Acenaphthylene	15.25	152	581326	42.721	nq	98
49) Dimethylphthalate	14.94	163	520721	43.479	nq	98
50) 2,6-Dinitrotoluene	15.07	165	117714	48.069	nq	97
51) Acenaphthene	15.58	154	442564	50.452	nq	99
52) 3-Nitroaniline	15.41	138	65237	25.410	nq	# 96
53) 2,4-Dinitrophenol	15.61	184	131020	101.088	nq	# 83
54) Dibenzofuran	15.91	168	585436	45.182	nq	92
55) 4-Nitrophenol	15.69	139	184559	102.231	nq	# 83
56) 2,4-Dinitrotoluene	15.85	165	166692	46.231	nq	93
57) Fluorene	16.55	166	481975	43.663	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.12	232	161685	50.170	nq	97
59) Diethylphthalate	16.28	149	514227	44.218	nq	98
60) 4-Chlorophenyl-phenylether	16.52	204	280666	44.231	nq	97
61) 4-Nitroaniline	16.57	138	101686	39.112	nq	# 85
62) Azobenzene	16.82	77	514994	45.715	nq	98
64) 4,6-Dinitro-2-methylphenol	16.60	198	91751	43.694	nq	96
65) n-Nitrosodiphenylamine	16.74	169	447884	44.695	nq	99
66) 4-Bromophenyl-phenylether	17.41	248	188625	45.757	nq	94
67) Hexachlorobenzene	17.54	284	191288	43.969	nq	94
68) Atrazine	17.66	200	184616	45.465	nq	98
69) Pentachlorophenol	17.88	266	259912	87.044	nq	99
70) Phenanthrene	18.29	178	817748	44.733	nq	98
71) Anthracene	18.38	178	841655	45.471	nq	99
72) Carbazole	18.64	167	736055	44.876	nq	97
73) Di-n-butylphthalate	19.13	149	862597	45.183	nq	# 98
74) Fluoranthene	20.24	202	1037008	45.841	nq	97
76) Benzidine	20.40	184	220020	23.172	nq	97
77) Pyrene	20.60	202	1024629	43.878	nq	98
79) Butylbenzylphthalate	21.46	149	392753	45.578	nq	93
80) Benzo(a)anthracene	22.58	228	1009645	45.286	nq	99
81) 3,3'-Dichlorobenzidine	22.46	252	222642	28.063	nq	# 97
82) Chrysene	22.66	228	945058	43.790	nq	97
83) Bis(2-ethylhexyl)phthalate	22.40	149	529846	44.604	nq	98
84) Di-n-octyl phthalate	23.81	149	898994	49.428	nq	98
85) Indeno(1,2,3-cd)pyrene	30.82	276	1122830	48.121	nq	# 85
87) Benzo(b)fluoranthene	25.18	252	976432	46.798	nq	# 96
88) Benzo(k)fluoranthene	25.26	252	983432	46.603	nq	# 98
89) Benzo(a)pyrene	26.22	252	958485	47.835	nq	# 97
90) Dibenzo(a,h)anthracene	30.90	278	936649	49.626	nq	98
91) Benzo(g,h,i)perylene	32.22	276	931013	49.813	nq	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.90 min Scan# 955

Delta R.T. 0.00 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

Instrument :

BNA_G

ClientSampleId :

PB107389BS

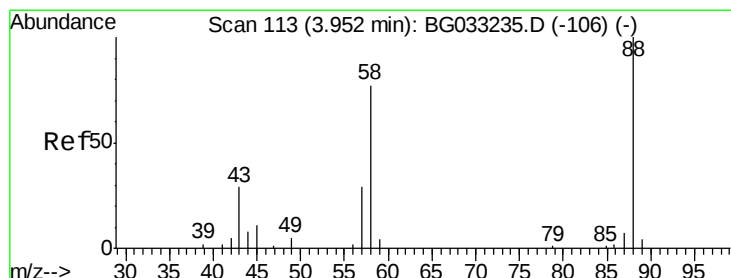
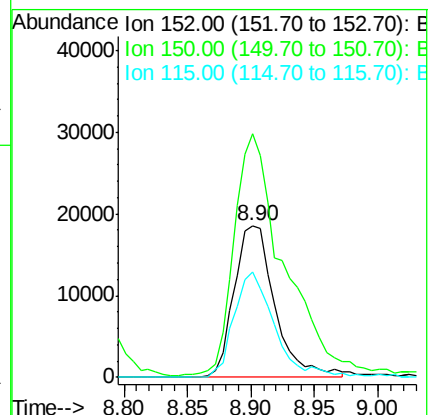
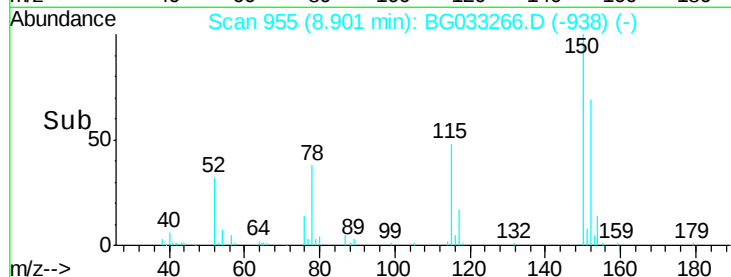
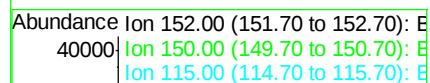
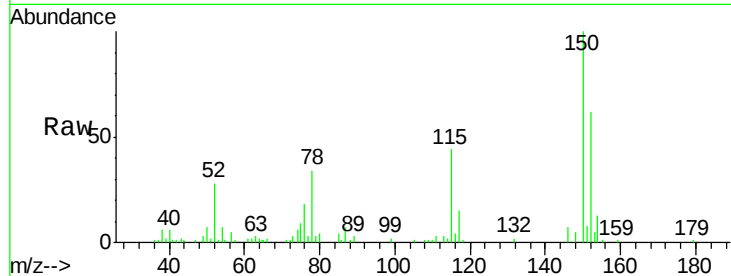
Tot Ion:152 Resp: 41339

Ion Ratio Lower Upper

152 100

150 160.2 126.6 189.8

115 69.8 53.0 79.4



#2

1,4-Dioxane

Concen: 37.604 ng

RT: 3.94 min Scan# 111

Delta R.T. -0.00 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

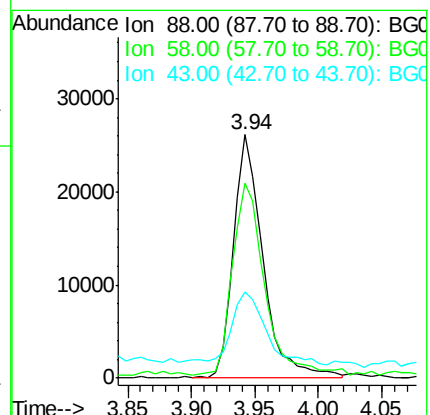
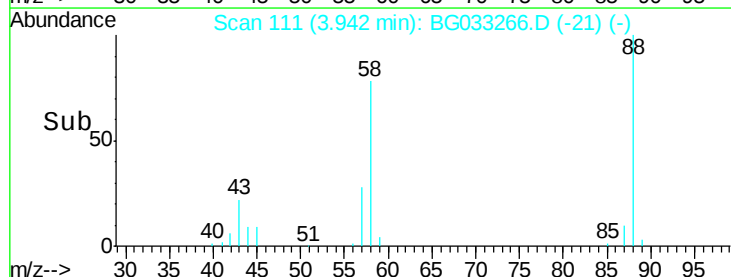
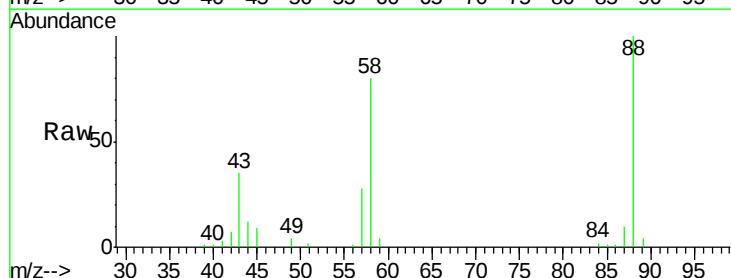
Tgt Ion: 88 Resp: 42101

Ion Ratio Lower Upper

88 100

58 87.4 79.6 119.4

43 34.3 27.4 41.0





#3

Pvridine

Concen: 37.345 ng

RT: 4.41 min Scan# 191

Delta R.T. -0.00 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

Instrument :

BNA_G

ClientSampleId :

PB107389BS

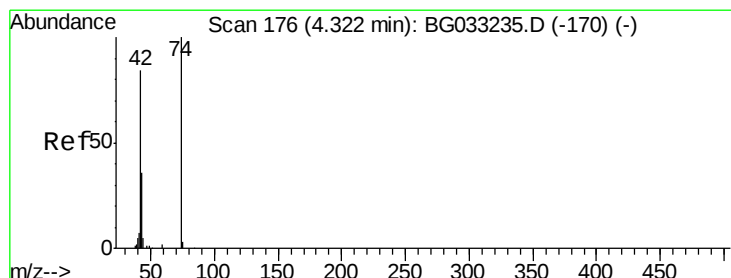
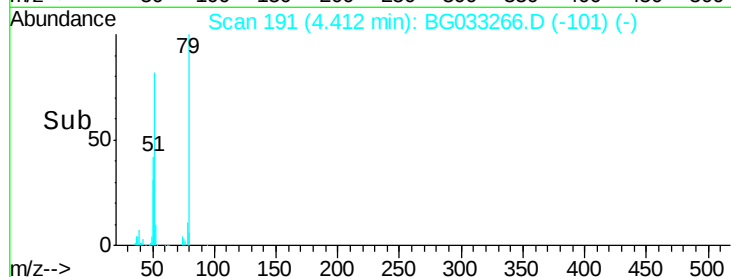
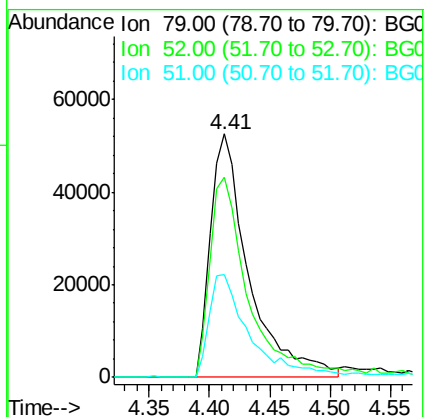
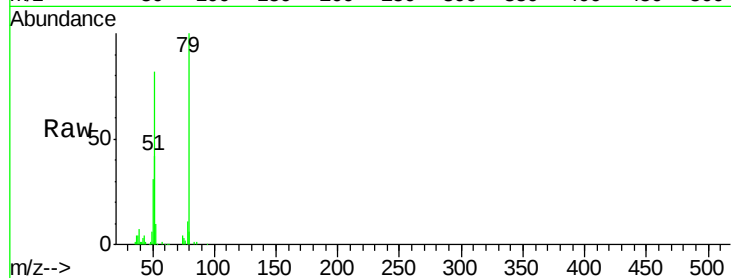
Tot Ion: 79 Resp: 115579

Ion Ratio Lower Upper

79 100

52 82.4 69.9 104.9

51 42.2 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 50.831 ng

RT: 4.32 min Scan# 175

Delta R.T. -0.00 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

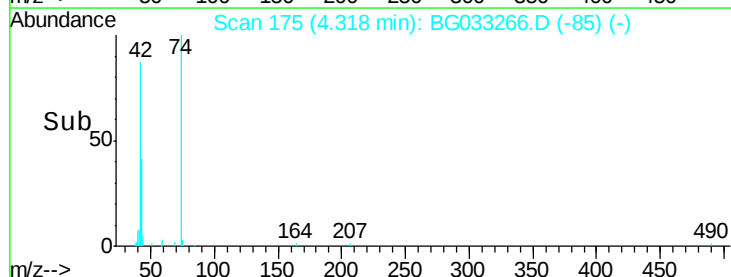
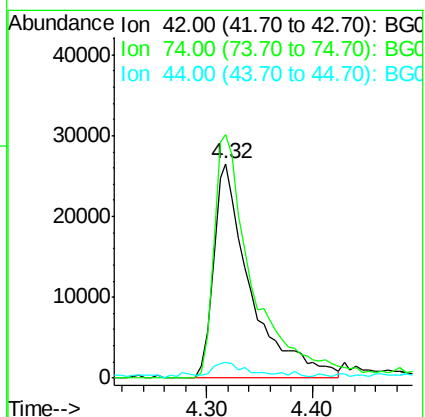
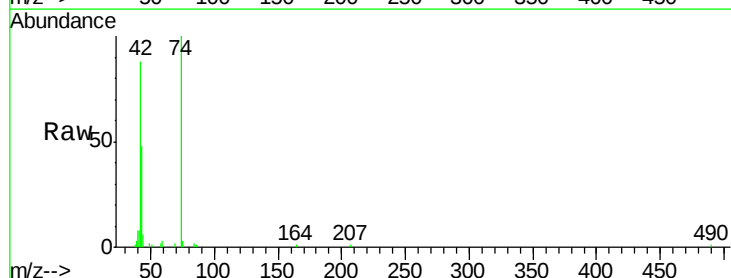
Tgt Ion: 42 Resp: 64560

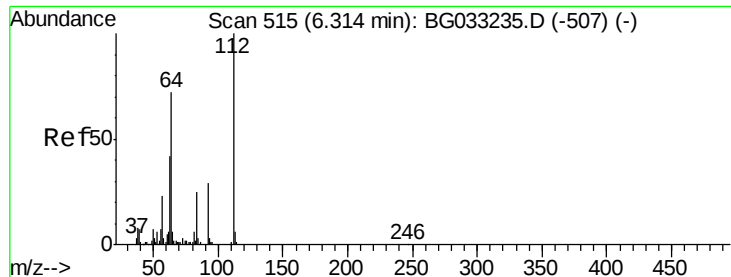
Ion Ratio Lower Upper

42 100

74 113.5 102.5 153.7

44 7.1 18.9 28.3#





#5

2-Fluorophenol

Concen: 181.287 ng

RT: 6.32 min Scan# 515

Delta R.T. 0.00 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

Instrument :

BNA_G

ClientSampleId :

PB107389BS

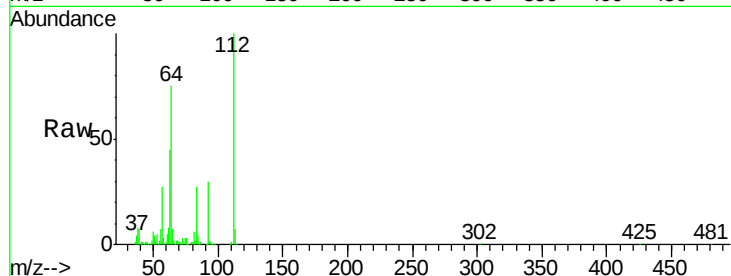
Tot Ion:112 Resp: 399667

Ion Ratio Lower Upper

112 100

64 74.8 56.3 84.5

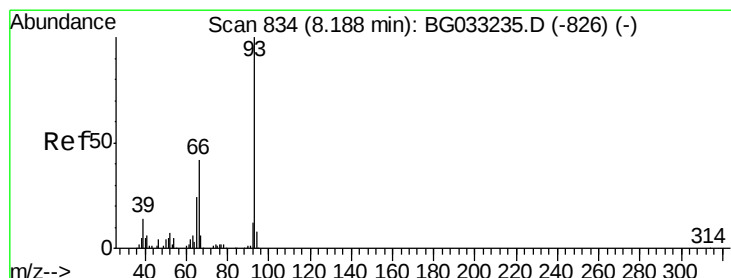
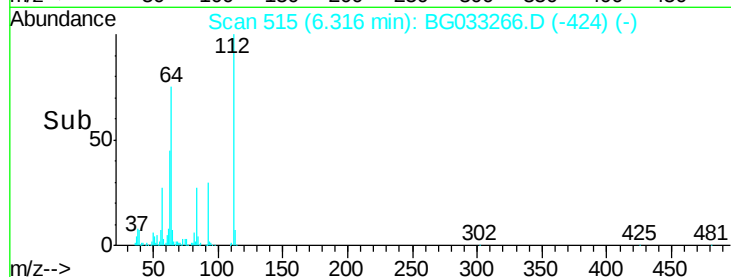
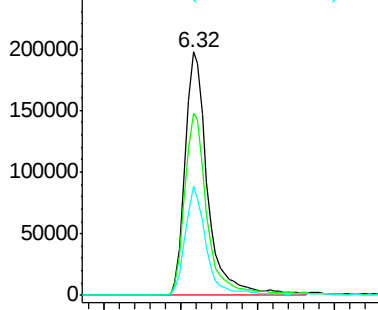
63 44.9 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 23.524 ng

RT: 8.19 min Scan# 834

Delta R.T. 0.00 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

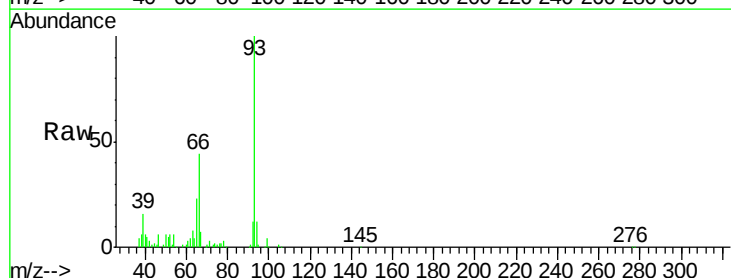
Tgt Ion: 93 Resp: 104790

Ion Ratio Lower Upper

93 100

66 43.7 33.7 50.5

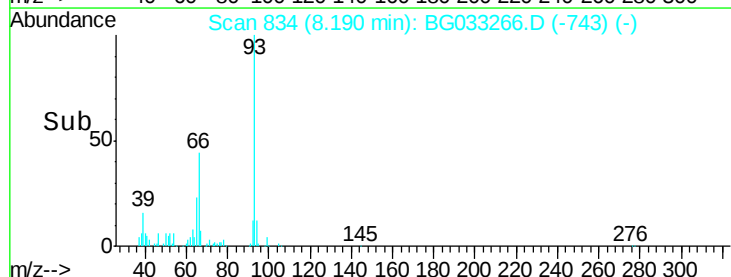
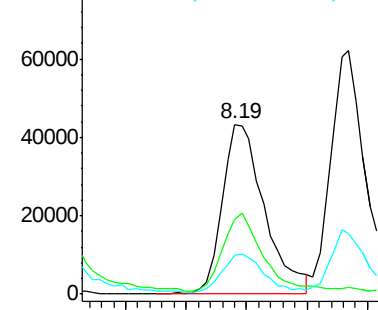
65 22.7 16.1 24.1

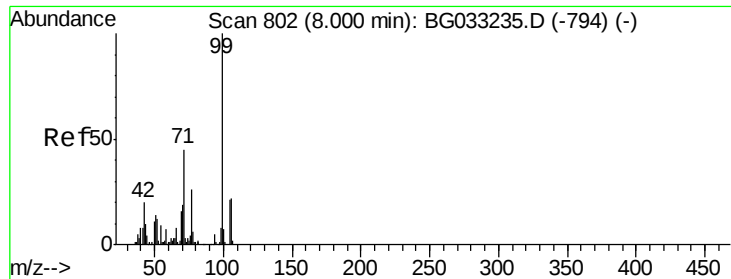


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 158.640 ng

RT: 8.01 min Scan# 803

Delta R.T. 0.01 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

Instrument :

BNA_G

ClientSampleId :

PB107389BS

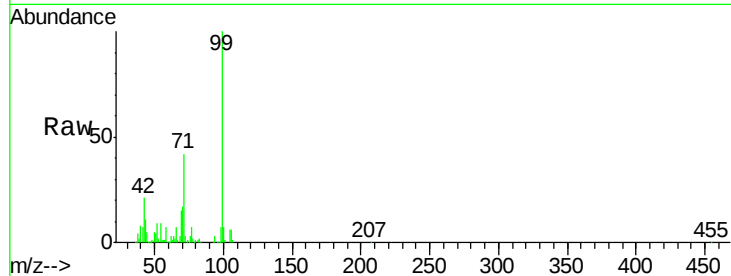
Tot Ion: 99 Resp: 600923

Ion Ratio Lower Upper

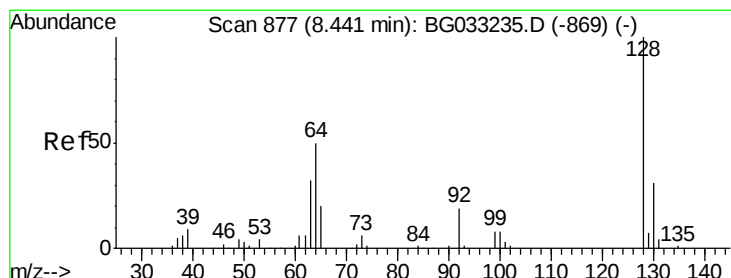
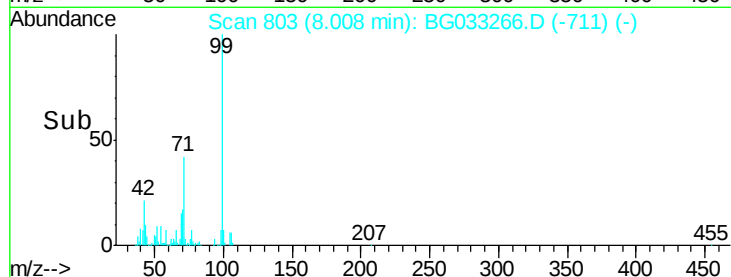
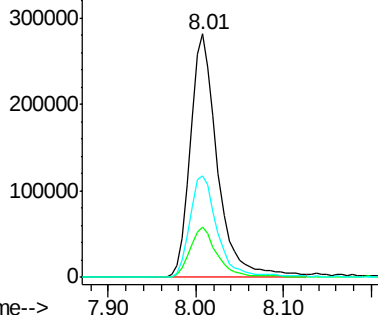
99 100

42 20.7 14.1 21.1

71 41.6 26.1 39.1#



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



#8

2-Chlorophenol

Concen: 53.635 ng

RT: 8.45 min Scan# 878

Delta R.T. 0.01 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

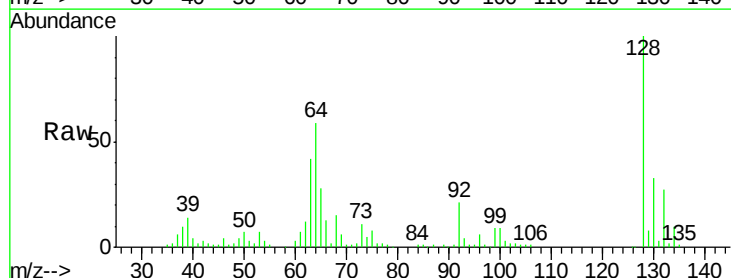
Tgt Ion:128 Resp: 135178

Ion Ratio Lower Upper

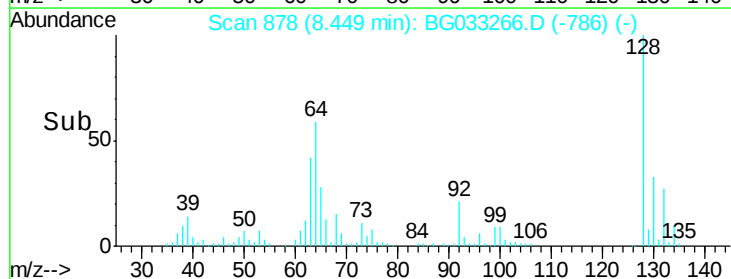
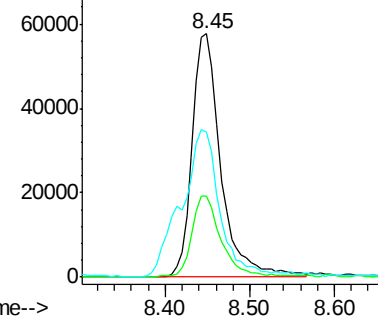
128 100

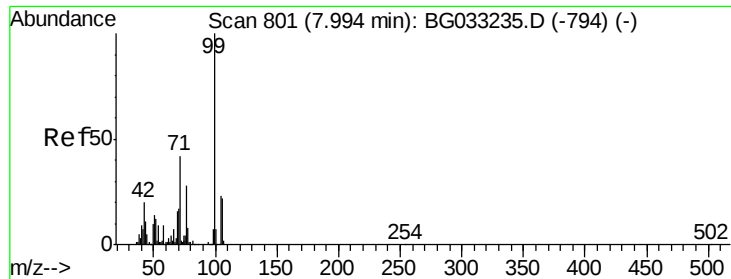
130 33.1 14.0 54.0

64 59.4 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: 24.109 ng

RT: 8.00 min Scan# 802

Delta R.T. 0.00 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

Instrument :

BNA_G

ClientSampleId :

PB107389BS

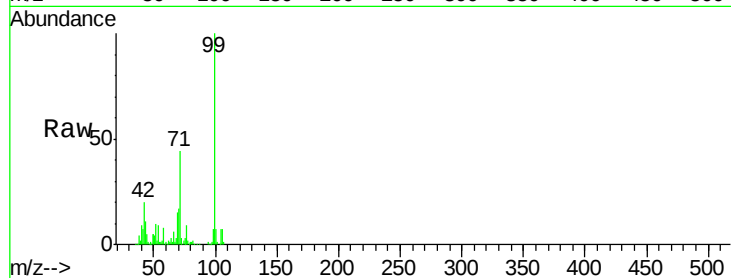
Tot Ion: 77 Resp: 58037

Ion Ratio Lower Upper

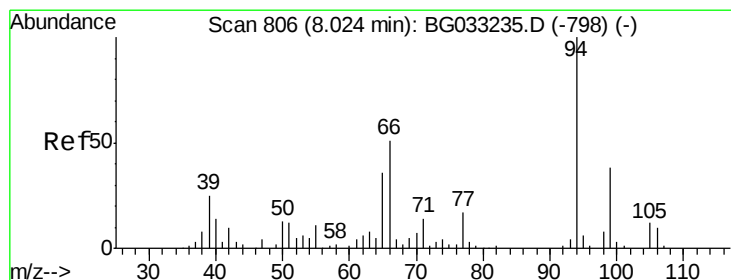
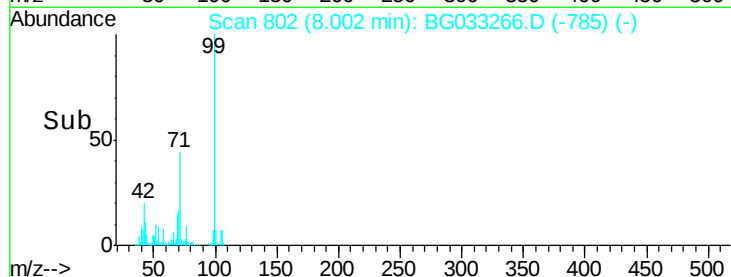
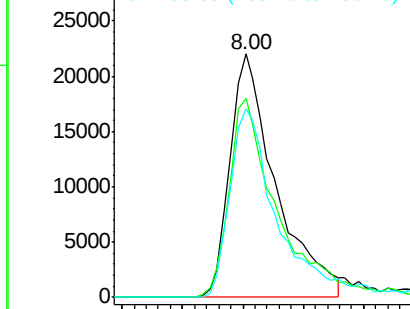
77 100

105 81.4 71.3 111.3

106 77.3 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: 52.694 ng

RT: 8.04 min Scan# 808

Delta R.T. 0.01 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

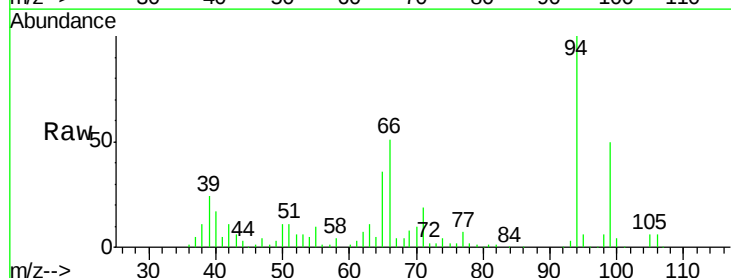
Tgt Ion: 94 Resp: 197071

Ion Ratio Lower Upper

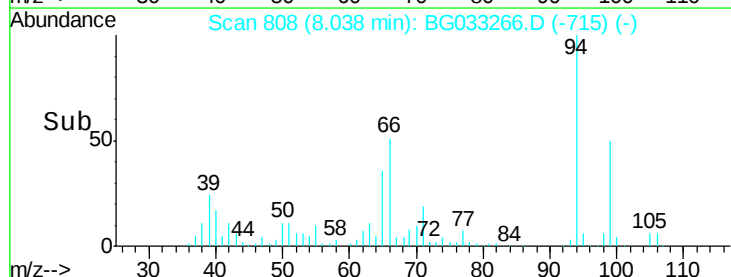
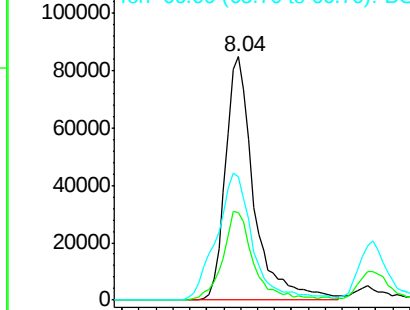
94 100

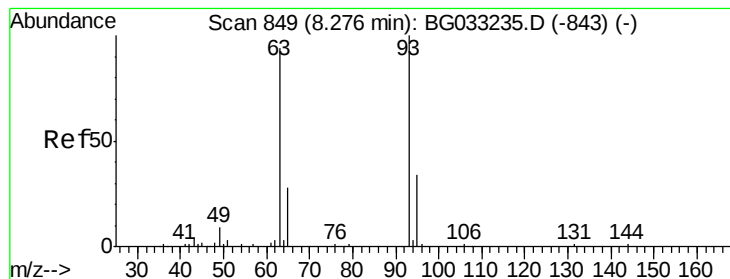
65 35.9 11.9 51.9

66 50.7 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: 44.733 ng

RT: 8.28 min Scan# 850

Delta R.T. 0.01 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

Instrument :

BNA_G

ClientSampleId :

PB107389BS

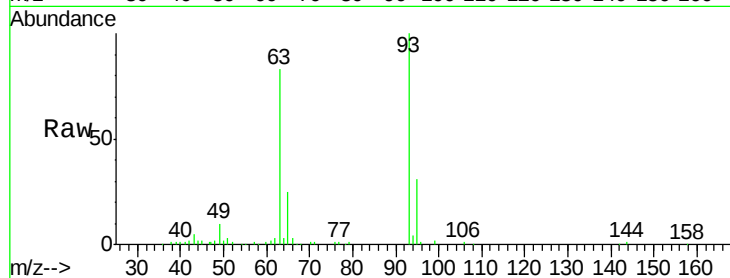
Tot Ion: 93 Resp: 136552

Ion Ratio Lower Upper

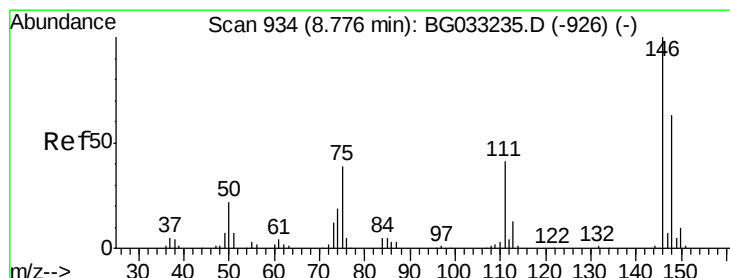
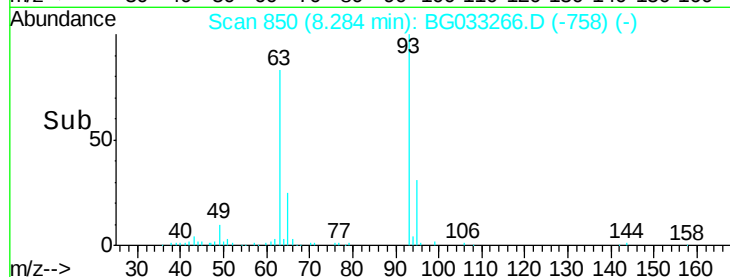
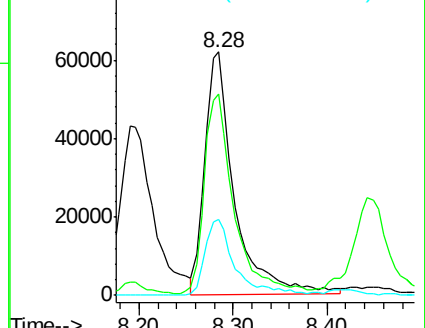
93 100

63 82.9 67.1 107.1

95 31.0 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 41.930 ng

RT: 8.78 min Scan# 935

Delta R.T. 0.01 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

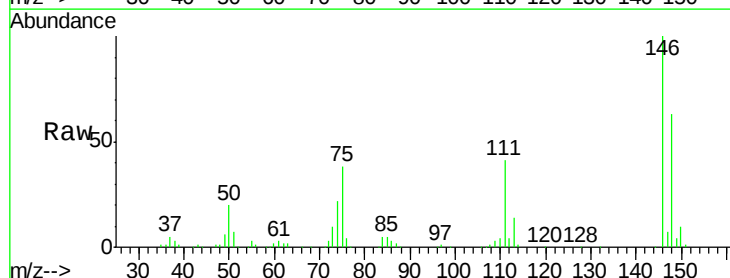
Tgt Ion: 146 Resp: 138163

Ion Ratio Lower Upper

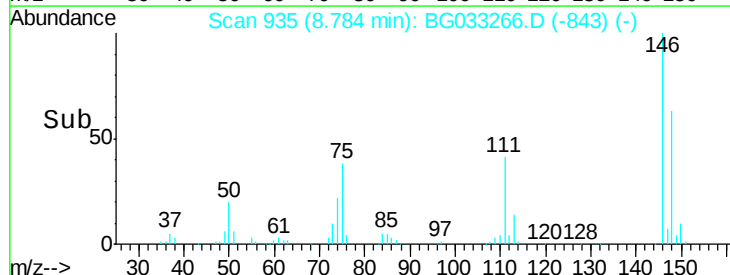
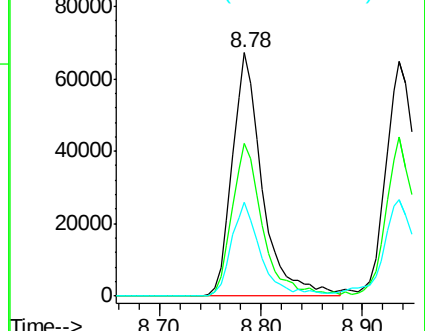
146 100

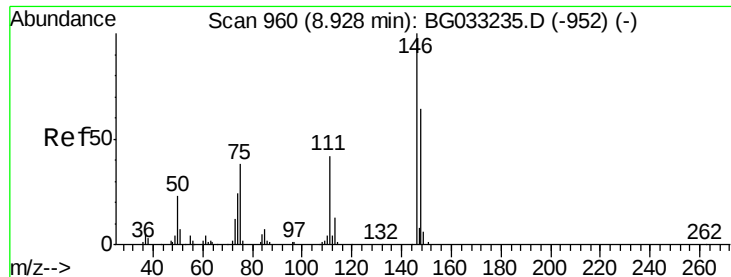
148 62.6 51.4 77.2

75 38.3 26.6 39.8



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 41.686 ng

RT: 8.94 min Scan# 961

Delta R.T. 0.00 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

Instrument :

BNA_G

ClientSampleId :

PB107389BS

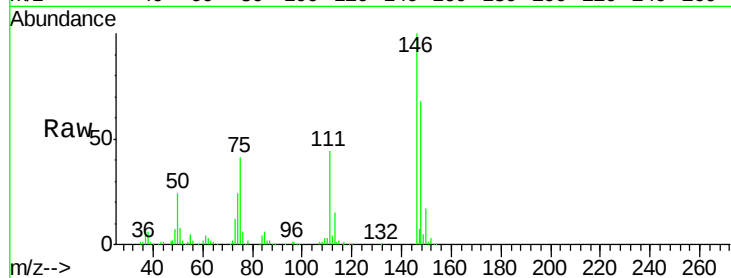
Tot Ion:146 Resp: 137561

Ion Ratio Lower Upper

146 100

148 67.8 53.7 80.5

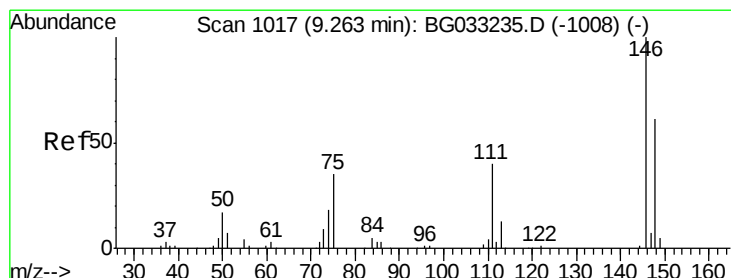
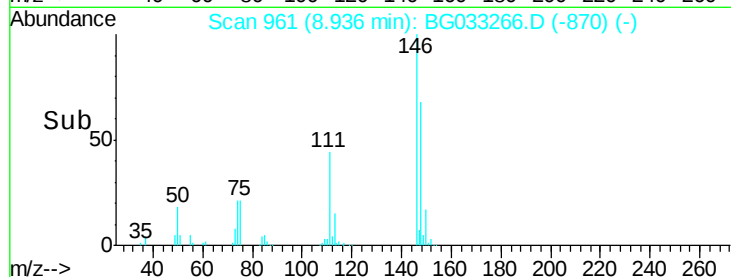
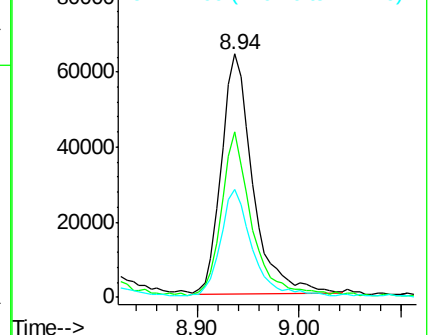
111 44.5 35.2 52.8



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: 44.019 ng

RT: 9.27 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

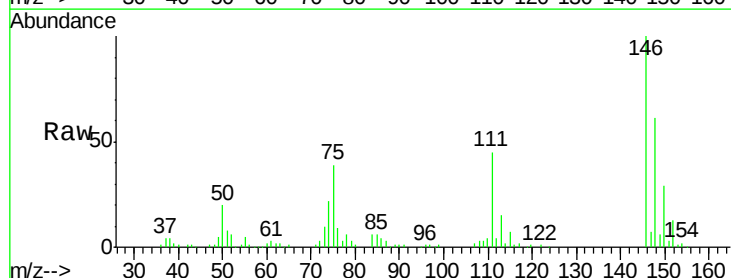
Tgt Ion:146 Resp: 141773

Ion Ratio Lower Upper

146 100

148 60.7 49.3 73.9

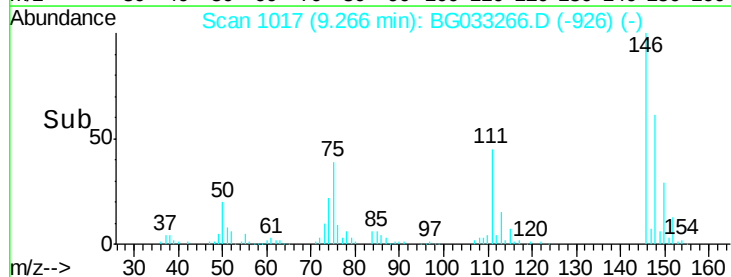
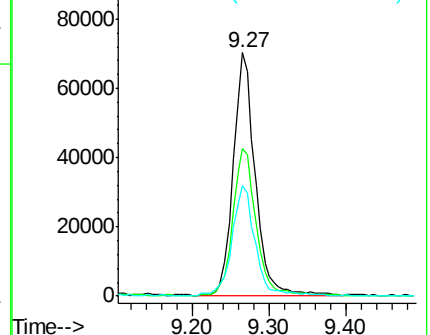
111 45.3 34.3 51.5

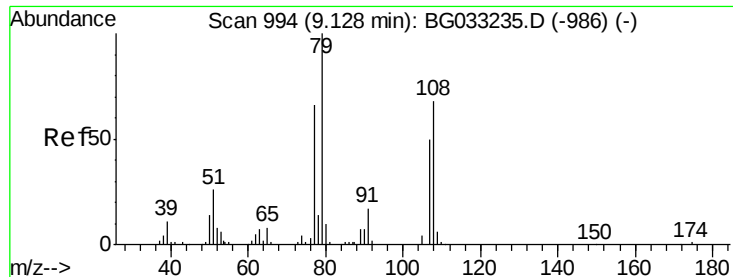


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 52.415 ng

RT: 9.14 min Scan# 995

Delta R.T. 0.01 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

Instrument :

BNA_G

ClientSampleId :

PB107389BS

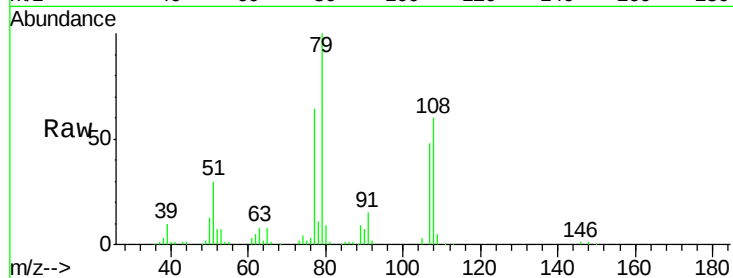
Tot Ion: 79 Resp: 156322

Ion Ratio Lower Upper

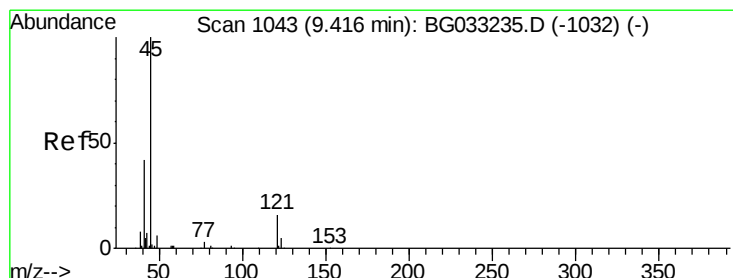
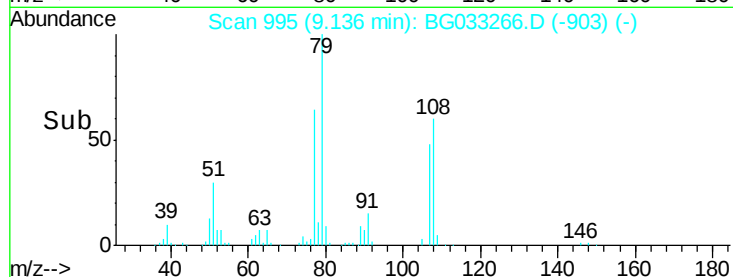
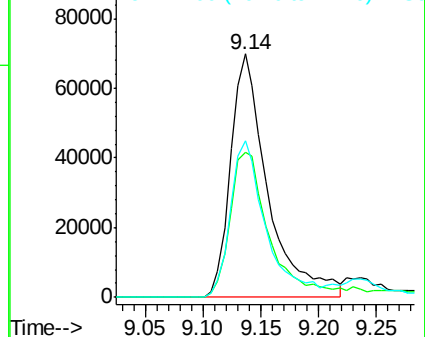
79 100

108 59.8 57.2 85.8

77 64.1 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.598 ng

RT: 9.42 min Scan# 1044

Delta R.T. 0.01 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

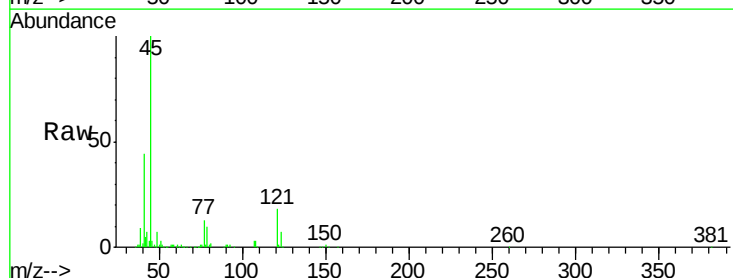
Tgt Ion: 45 Resp: 226915

Ion Ratio Lower Upper

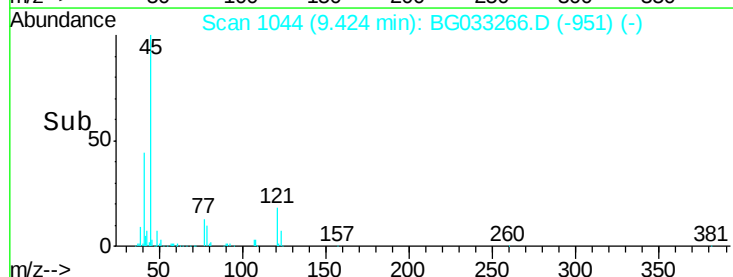
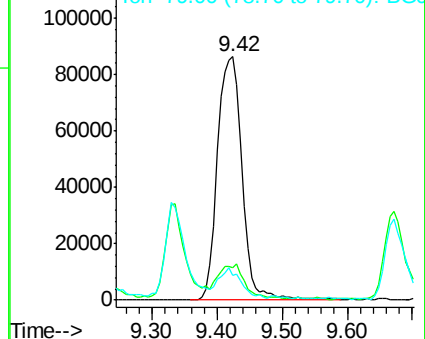
45 100

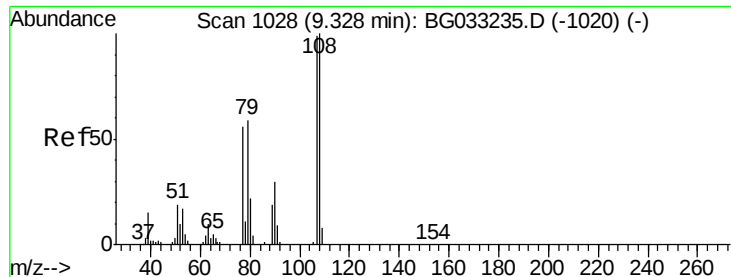
77 13.3 0.0 30.2

79 10.4 0.0 27.9



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 50.190 ng

RT: 9.34 min Scan# 1029

Delta R.T. 0.01 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

Instrument :

BNA_G

ClientSampleId :

PB107389BS

Tot Ion:107 Resp: 127871

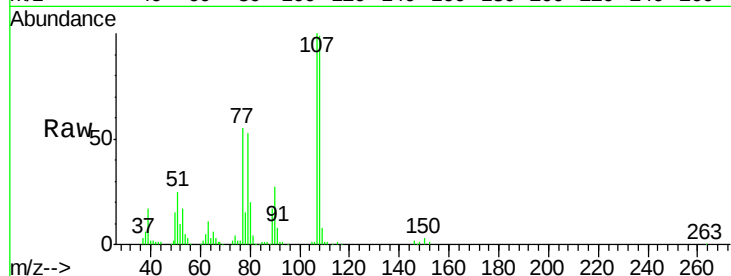
Ion Ratio Lower Upper

107 100

108 99.0 83.9 125.9

77 54.9 37.2 55.8

79 53.0 36.2 54.2

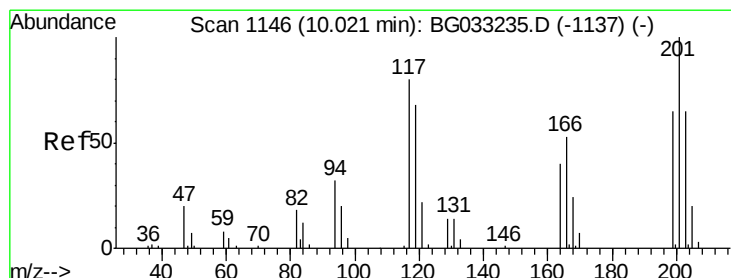
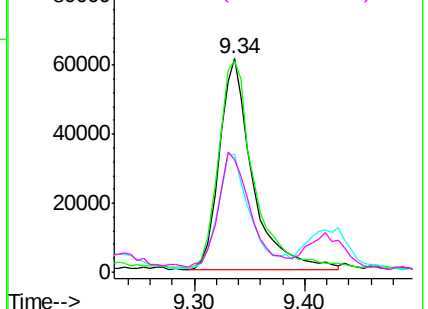
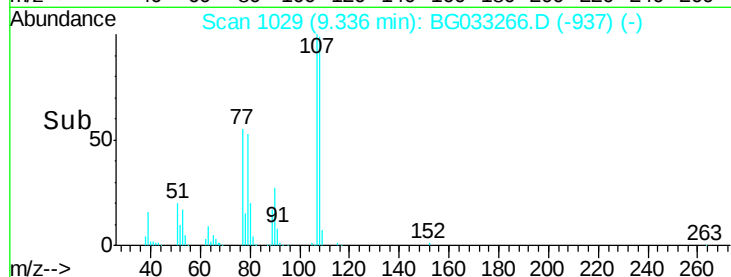


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.491 ng

RT: 10.02 min Scan# 1146

Delta R.T. 0.01 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

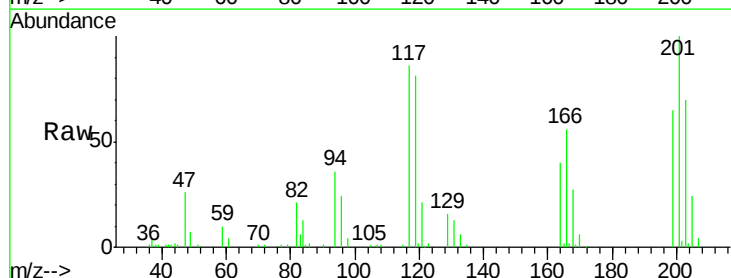
Tgt Ion:117 Resp: 52845

Ion Ratio Lower Upper

117 100

119 94.2 76.7 115.1

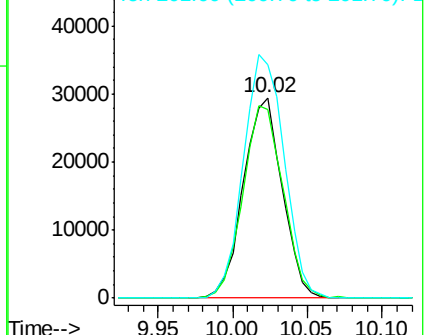
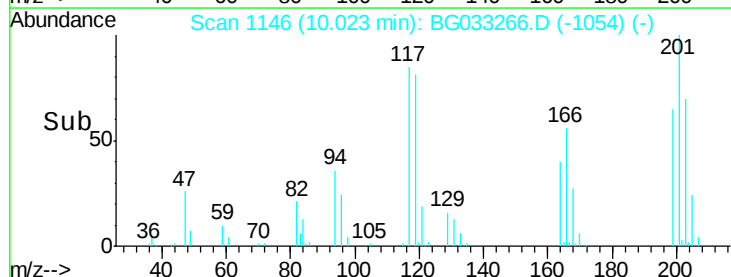
201 116.8 95.7 143.5

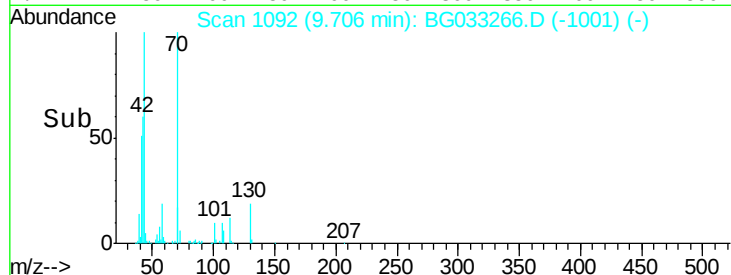
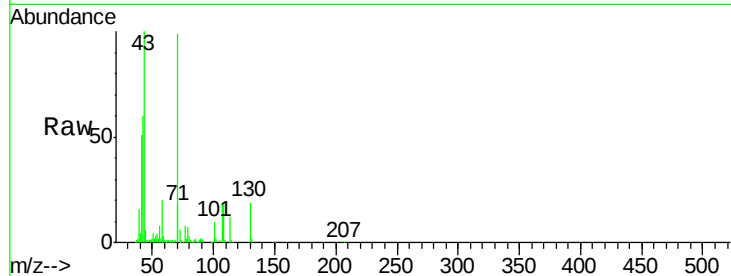
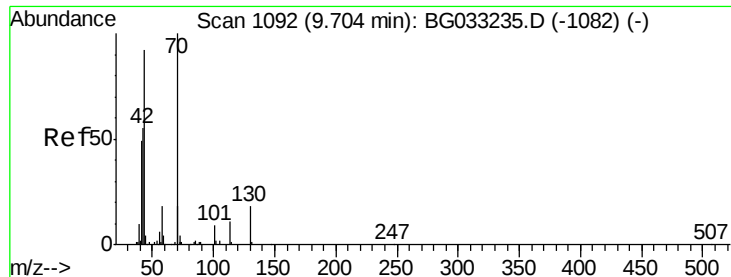


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

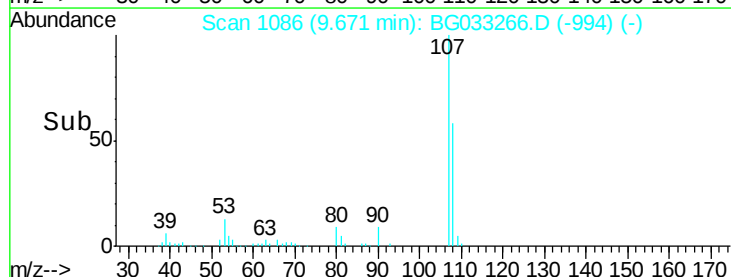
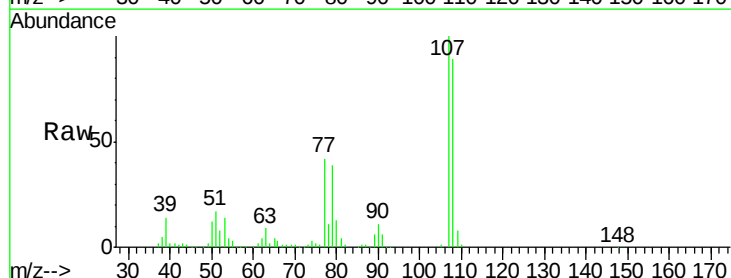
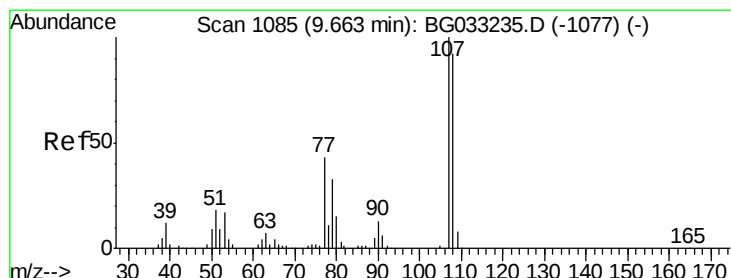
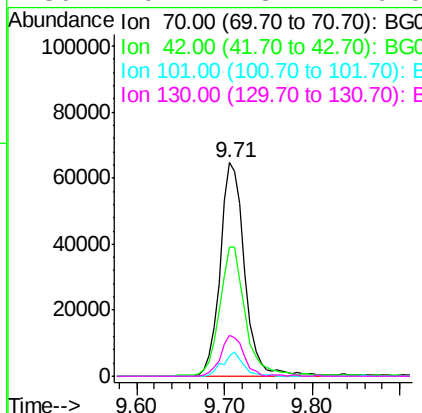




#19
n-Nitroso-di-n-propylamine
Concen: 45.176 ng
RT: 9.71 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BG033266.D
Acq: 20 Mar 2018 11:22

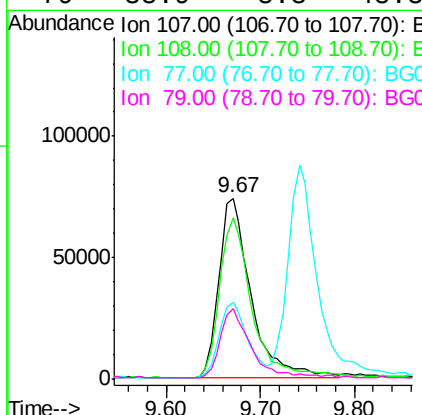
Instrument :
BNA_G
ClientSampleId :
PB107389BS

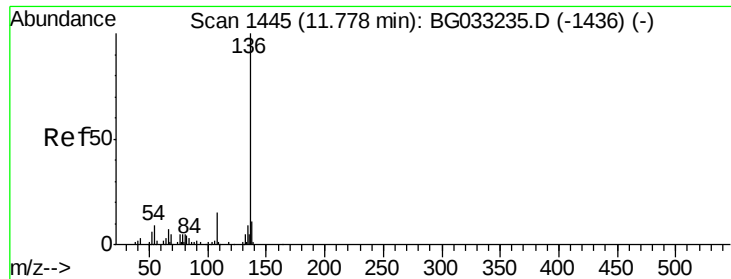
Tot Ion:	70	Resp:	125394
Ion	Ratio	Lower	Upper
70	100		
42	60.4	49.1	73.7
101	9.8	8.5	12.7
130	19.1	13.4	20.0



#20
3+4-Methylphenols
Concen: 48.907 ng
RT: 9.67 min Scan# 1086
Delta R.T. 0.01 min
Lab File: BG033266.D
Acq: 20 Mar 2018 11:22

Tgt Ion:	107	Resp:	177408
Ion	Ratio	Lower	Upper
107	100		
108	89.0	61.6	101.6
77	42.5	13.9	53.9
79	38.9	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.79 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

Instrument :

BNA_G

ClientSampleId :

PB107389BS

Tot Ion:136 Resp: 186955

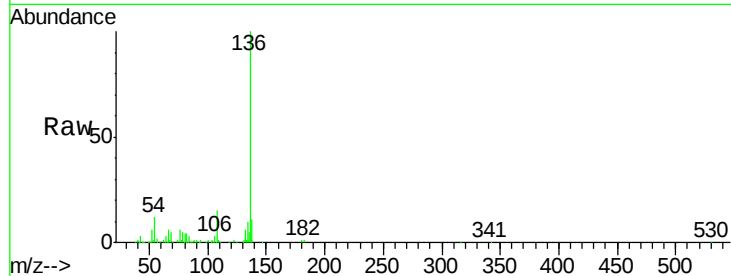
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 11.5 10.3 15.5

68 4.6 4.5 6.7

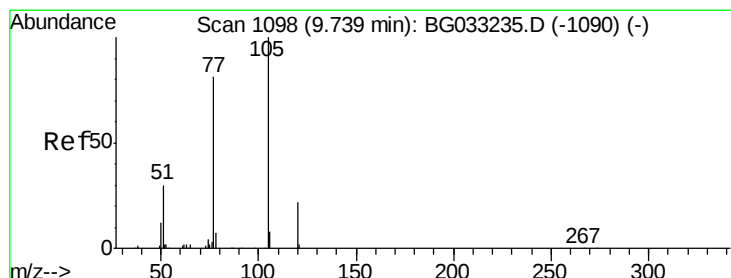
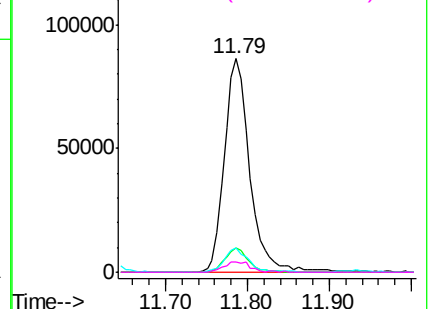
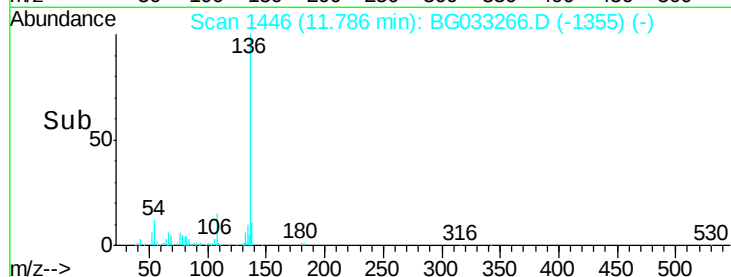


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 42.337 ng

RT: 9.74 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

Tgt Ion:105 Resp: 216845

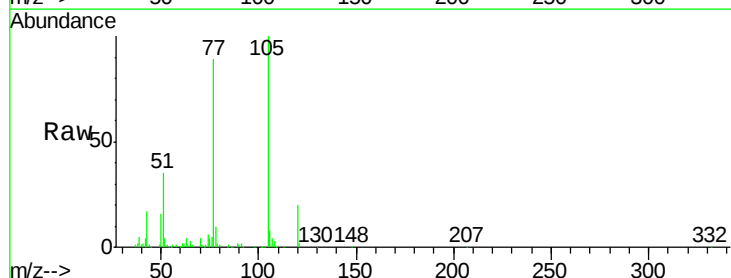
Ion Ratio Lower Upper

105 100

71 0.7 3.0 4.4#

51 34.5 26.1 39.1

120 19.9 17.4 26.2

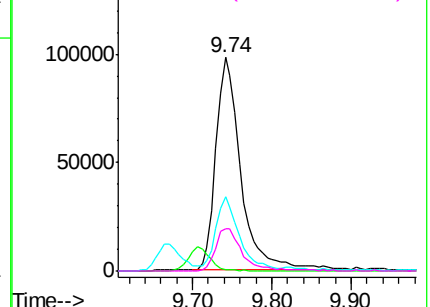
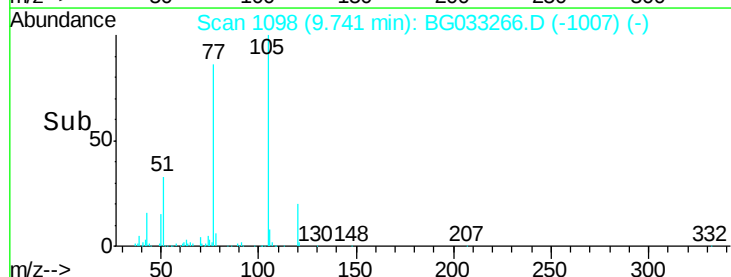


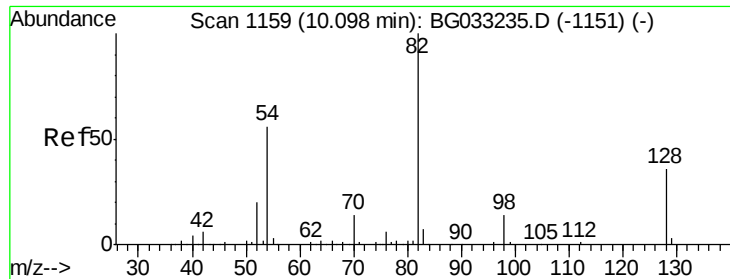
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 92.749 ng

RT: 10.10 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

Instrument :

BNA_G

ClientSampleId :

PB107389BS

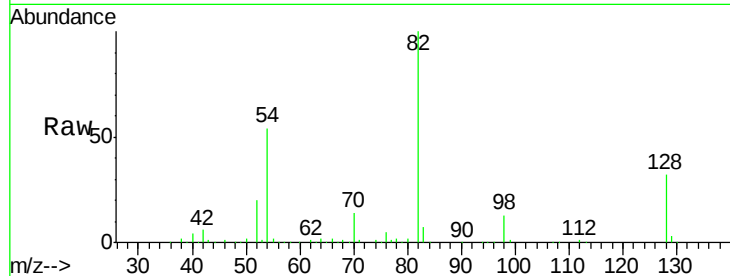
Tot Ion: 82 Resp: 377412

Ion Ratio Lower Upper

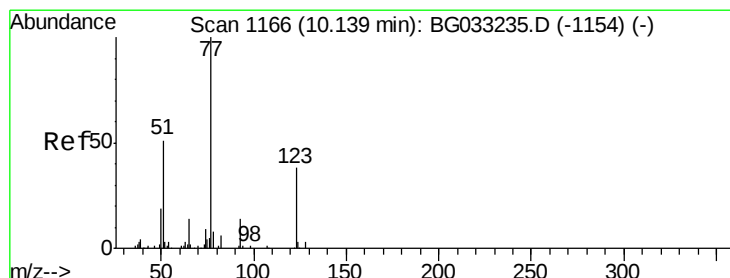
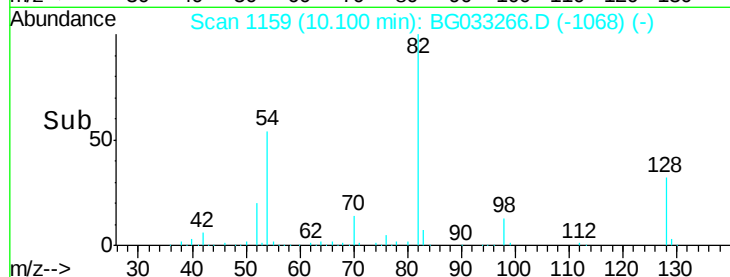
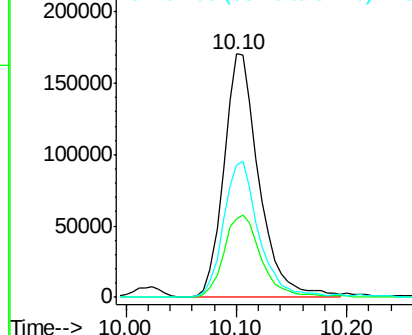
82 100

128 32.0 29.7 44.5

54 54.5 43.1 64.7



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



#24

Nitrobenzene

Concen: 42.261 ng

RT: 10.15 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

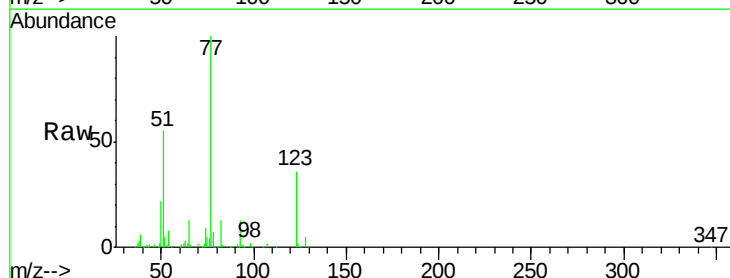
Tgt Ion: 77 Resp: 184070

Ion Ratio Lower Upper

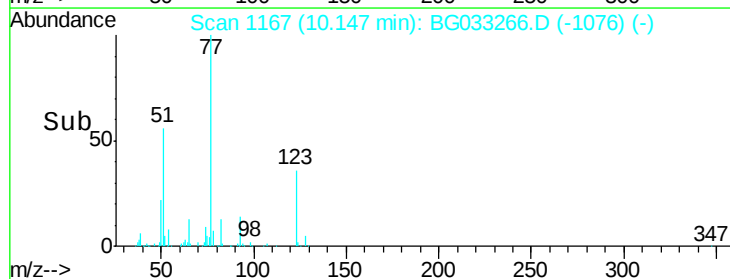
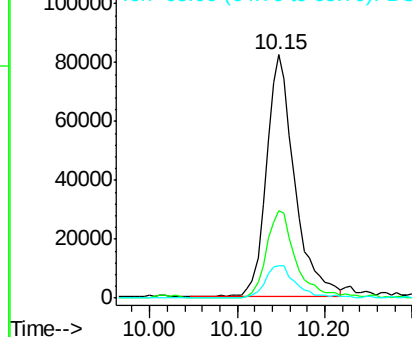
77 100

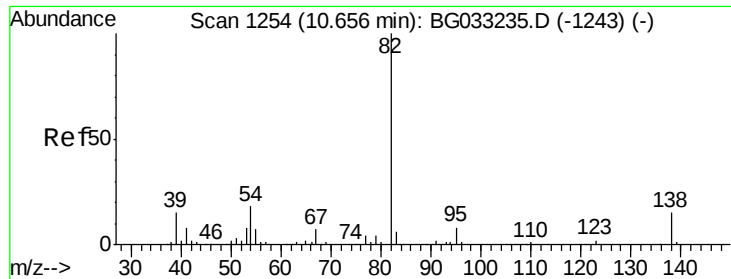
123 35.9 33.0 49.6

65 13.3 13.0 19.6



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





#25

Isophorone

Concen: 45.377 ng

RT: 10.66 min Scan# 1255

Delta R.T. 0.01 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

Instrument :

BNA_G

ClientSampleId :

PB107389BS

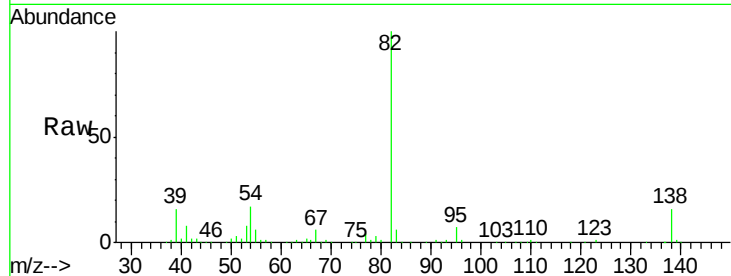
Tot Ion: 82 Resp: 358376

Ion Ratio Lower Upper

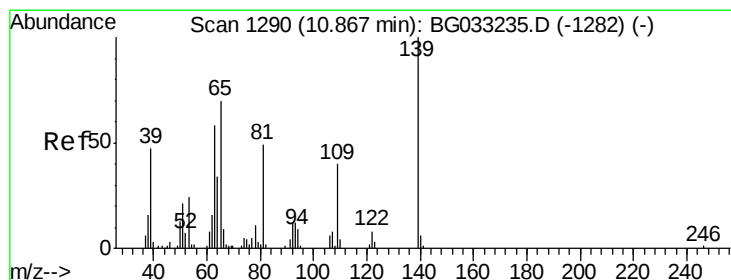
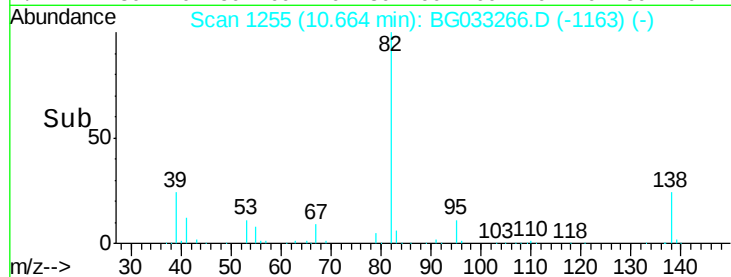
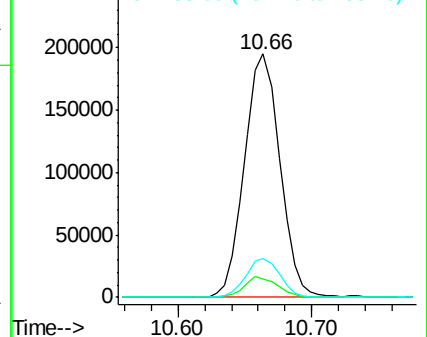
82 100

95 7.3 6.2 9.2

138 16.0 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 47.620 ng

RT: 10.87 min Scan# 1290

Delta R.T. 0.00 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

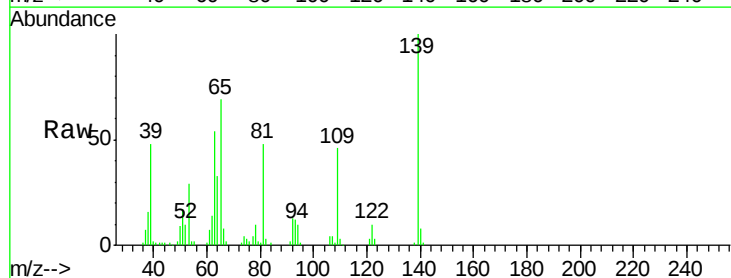
Tgt Ion: 139 Resp: 78524

Ion Ratio Lower Upper

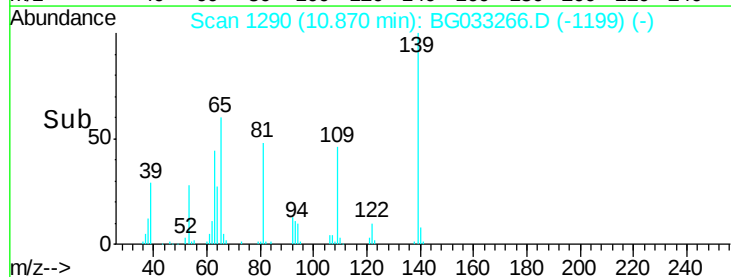
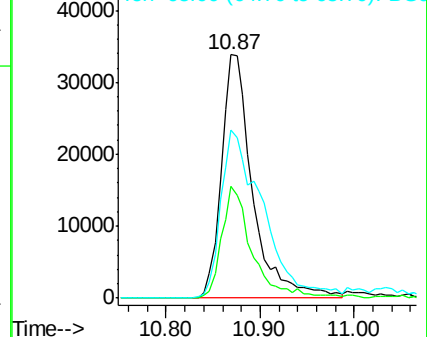
139 100

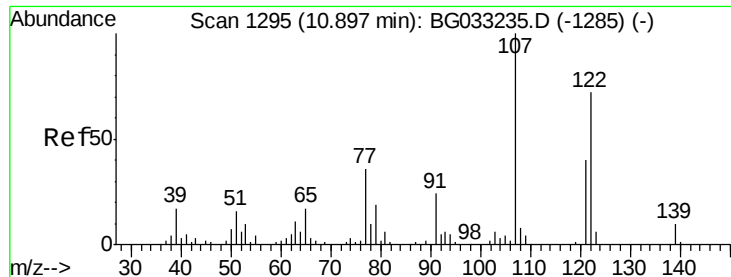
109 45.8 24.2 36.2#

65 68.8 47.4 71.0



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

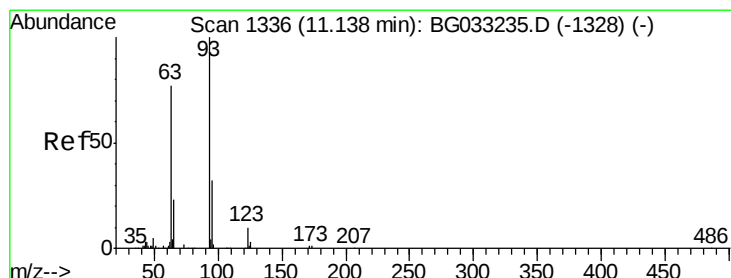
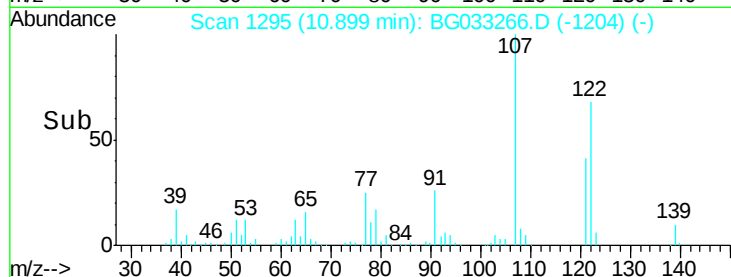
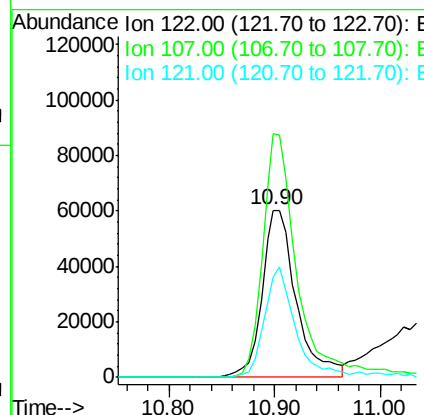
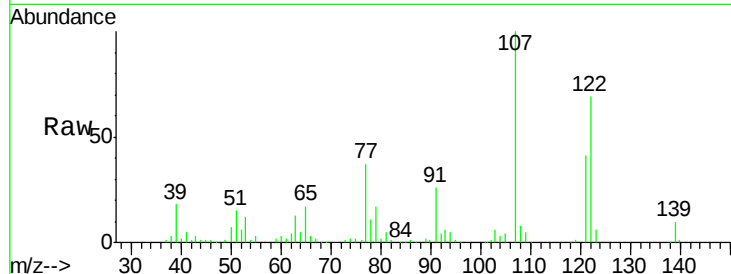




#27
 2,4-Dimethylphenol
 Concen: 56.470 ng
 RT: 10.90 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: BG033266.D
 Acq: 20 Mar 2018 11:22

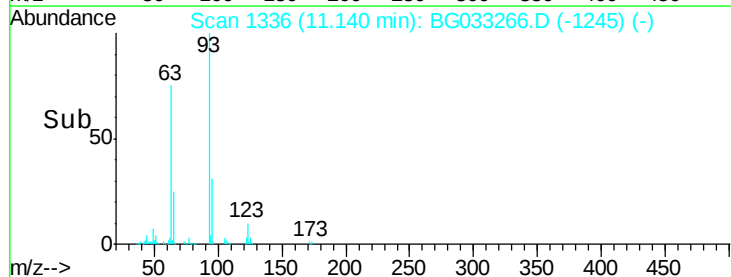
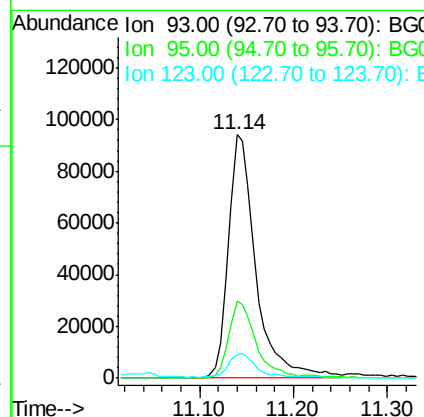
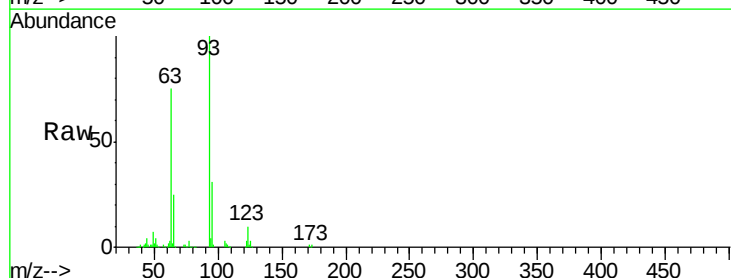
Instrument :
 BNA_G
 ClientSampleId :
 PB107389BS

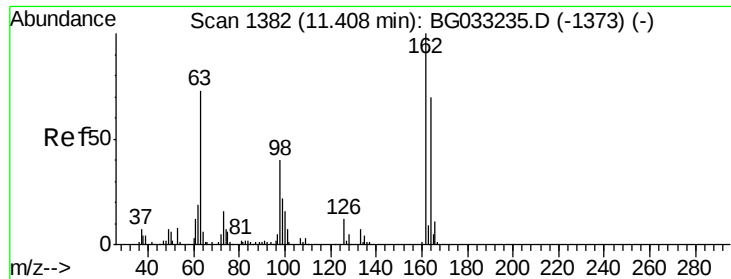
Tot Ion:122 Resp: 135272
 Ion Ratio Lower Upper
 122 100
 107 145.8 100.2 150.2
 121 60.3 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.631 ng
 RT: 11.14 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: BG033266.D
 Acq: 20 Mar 2018 11:22

Tgt Ion: 93 Resp: 191633
 Ion Ratio Lower Upper
 93 100
 95 31.5 24.3 36.5
 123 9.9 8.4 12.6

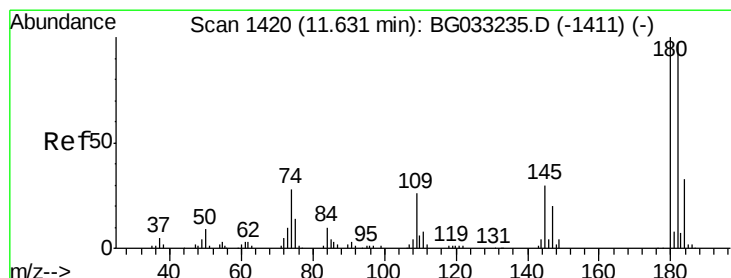
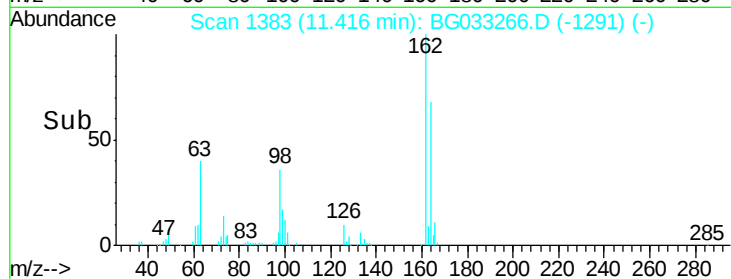
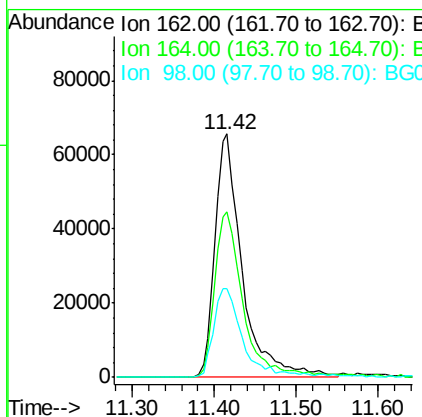
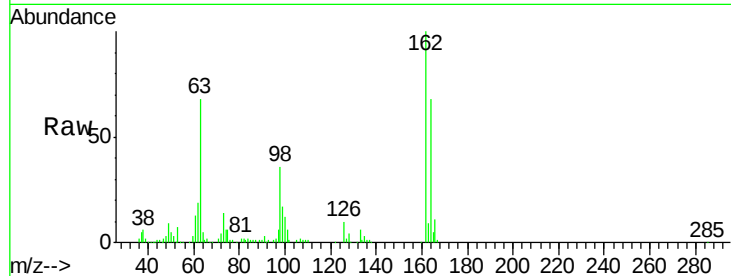




#29
 2,4-Dichlorophenol
 Concen: 51.952 ng
 RT: 11.42 min Scan# 1383
 Delta R.T. 0.01 min
 Lab File: BG033266.D
 Acq: 20 Mar 2018 11:22

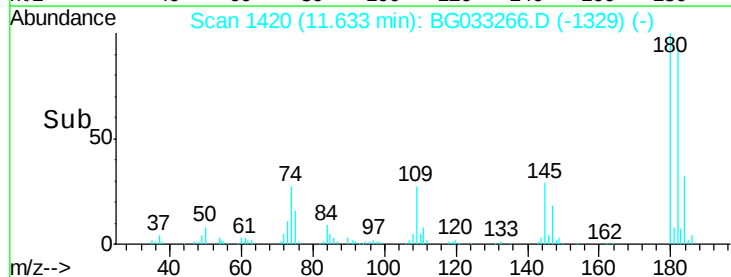
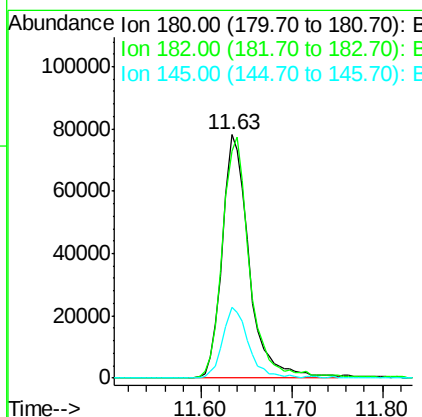
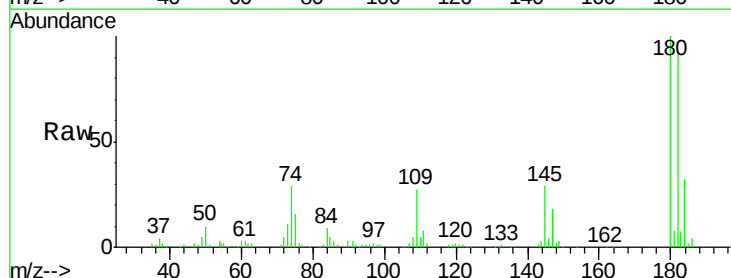
Instrument :
 BNA_G
 ClientSampleId :
 PB107389BS

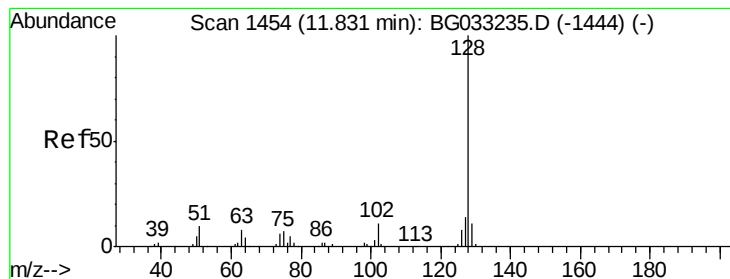
Tot Ion:162 Resp: 153047
 Ion Ratio Lower Upper
 162 100
 164 67.7 48.0 88.0
 98 36.3 21.1 61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.055 ng
 RT: 11.63 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BG033266.D
 Acq: 20 Mar 2018 11:22

Tgt Ion:180 Resp: 160967
 Ion Ratio Lower Upper
 180 100
 182 93.4 77.5 116.3
 145 29.2 23.4 35.2





#31

Naphthalene

Concen: 43.523 ng

RT: 11.83 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

Instrument :

BNA_G

ClientSampleId :

PB107389BS

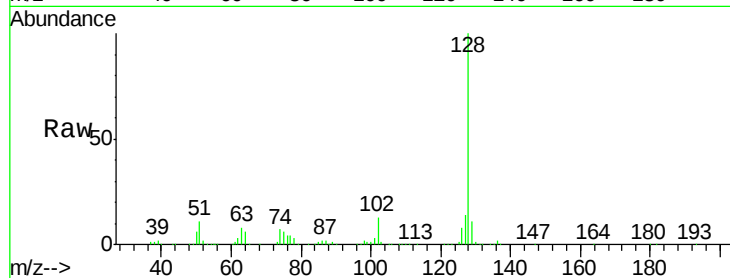
Tot Ion:128 Resp: 421657

Ion Ratio Lower Upper

128 100

129 10.8 8.6 12.8

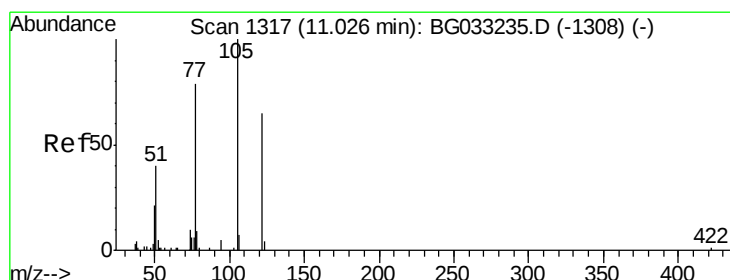
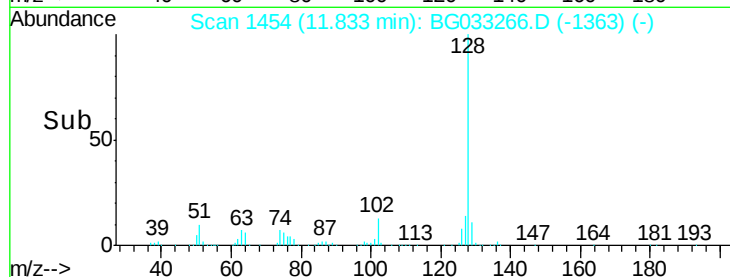
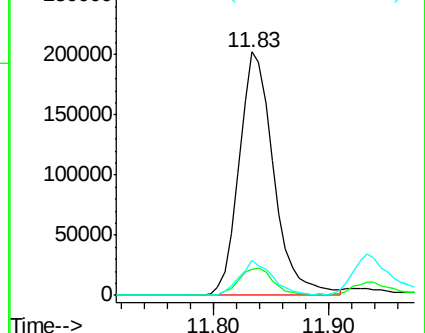
127 14.3 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.690 ng

RT: 11.04 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

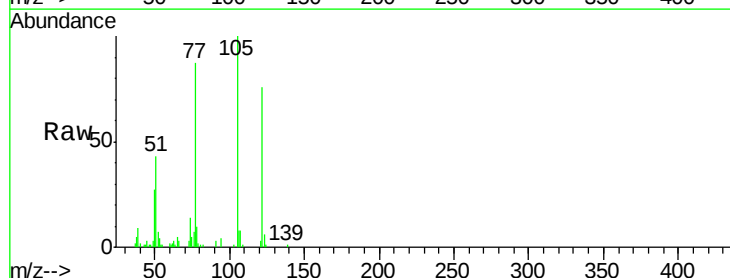
Tgt Ion:122 Resp: 88383

Ion Ratio Lower Upper

122 100

105 130.8 123.5 163.5

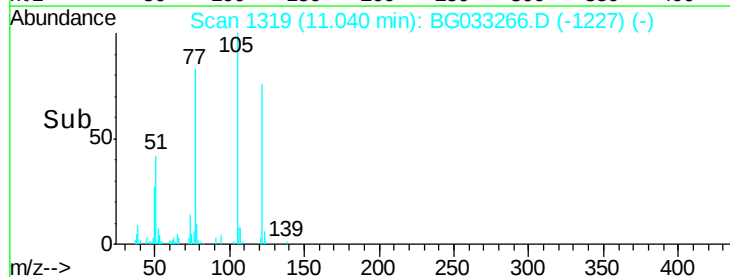
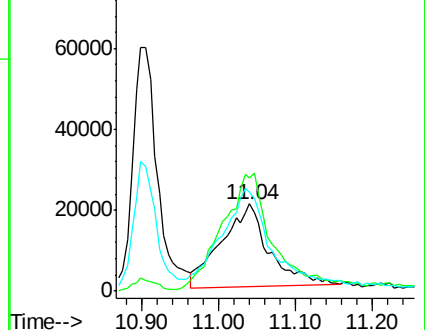
77 113.9 85.7 125.7

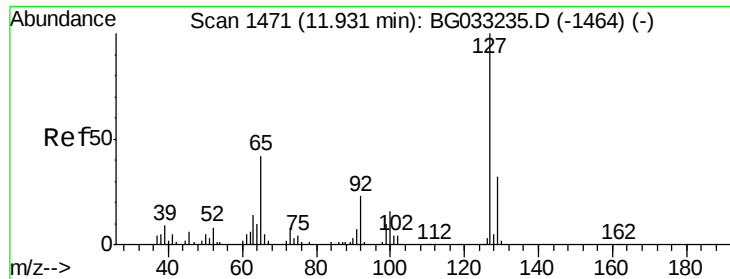


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

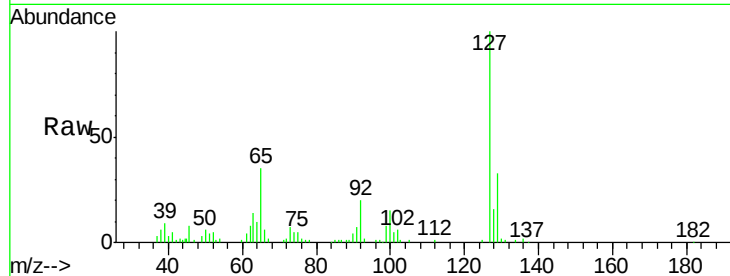




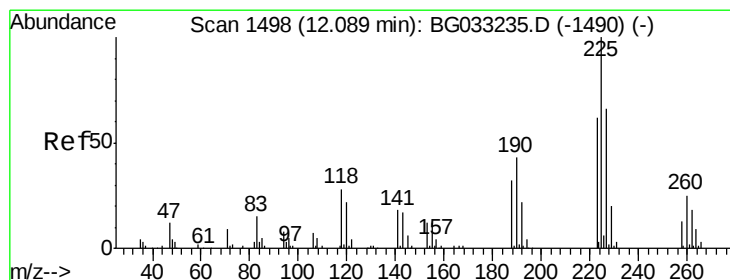
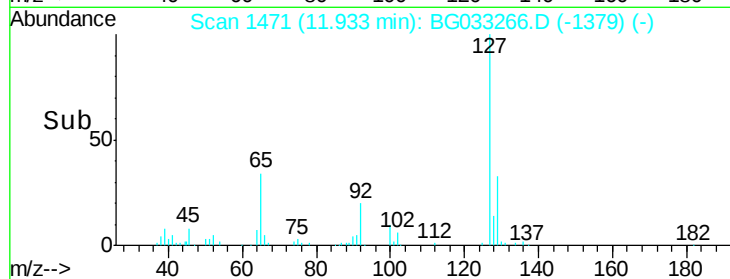
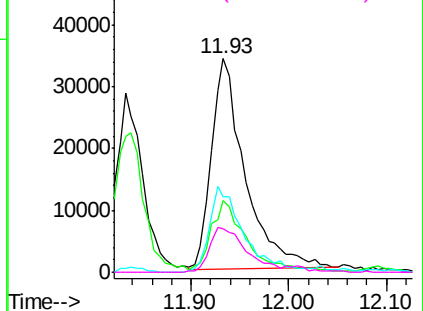
#33
4-Chloroaniline
Concen: 18.803 ng
RT: 11.93 min Scan# 1471
Delta R.T. 0.01 min
Lab File: BG033266.D
Acq: 20 Mar 2018 11:22

Instrument :
BNA_G
ClientSampleId :
PB107389BS

Tot Ion:127	Resp:	81615
Ion Ratio	Lower	Upper
127	100	
129	33.3	24.0 36.0
65	35.2	27.0 40.4
92	20.1	16.6 25.0

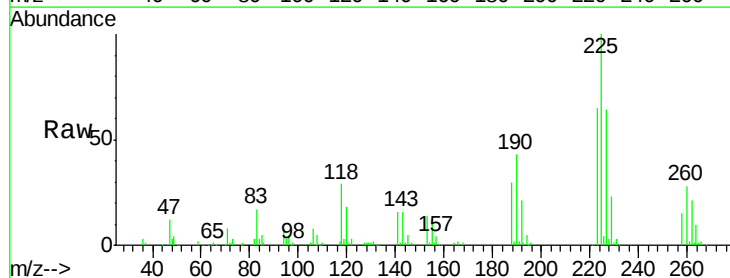


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

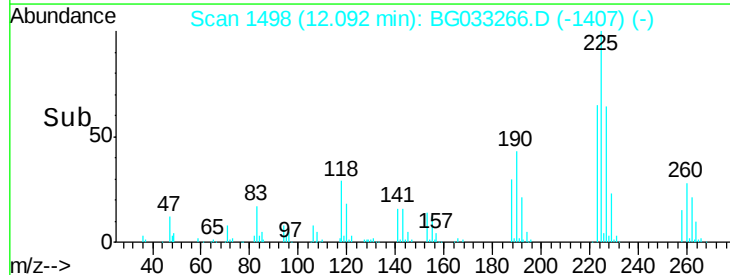
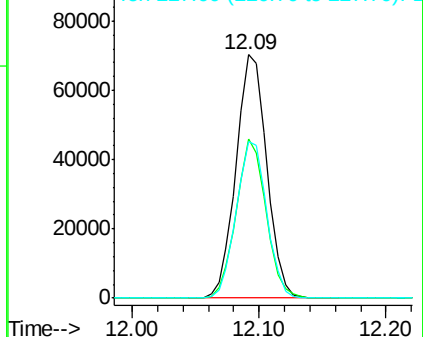


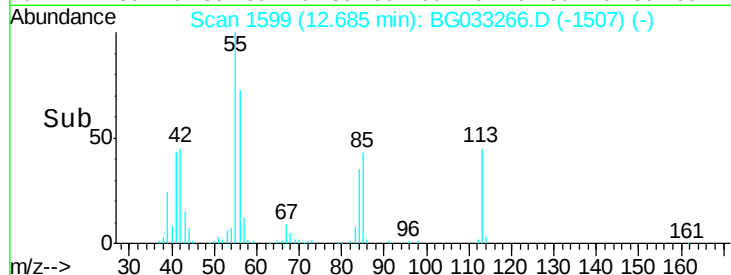
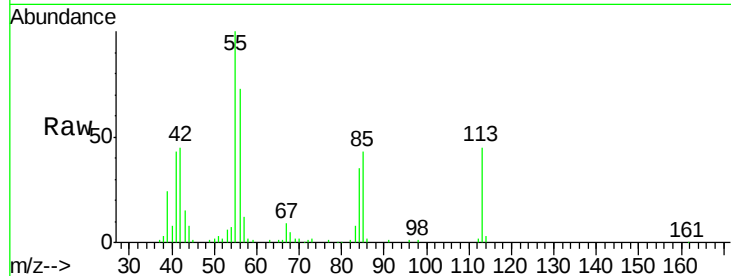
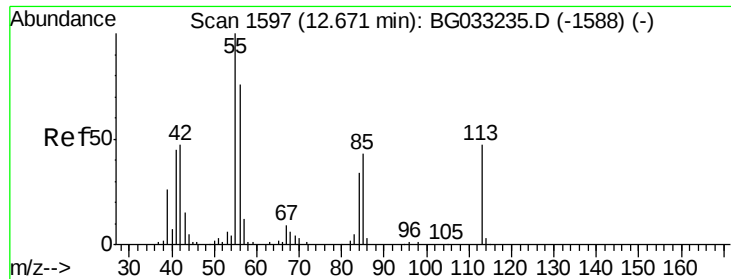
#34
Hexachlorobutadiene
Concen: 40.786 ng
RT: 12.09 min Scan# 1498
Delta R.T. 0.00 min
Lab File: BG033266.D
Acq: 20 Mar 2018 11:22

Tgt Ion:225	Resp:	118054
Ion Ratio	Lower	Upper
225	100	
223	65.1	49.7 74.5
227	64.3	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: 45.250 ng

RT: 12.69 min Scan# 1599

Delta R.T. 0.01 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

Instrument :

BNA_G

ClientSampleId :

PB107389BS

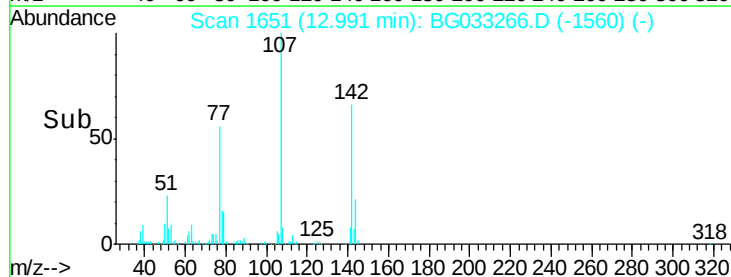
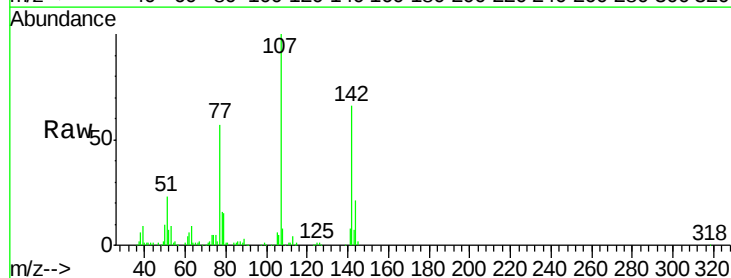
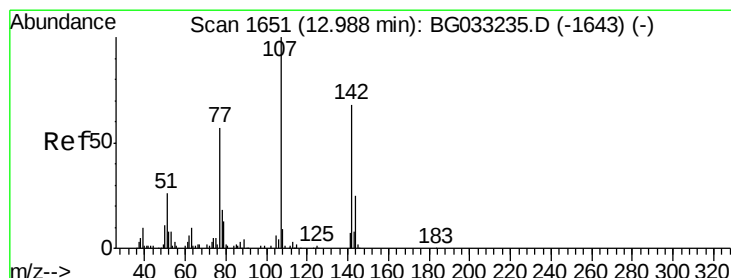
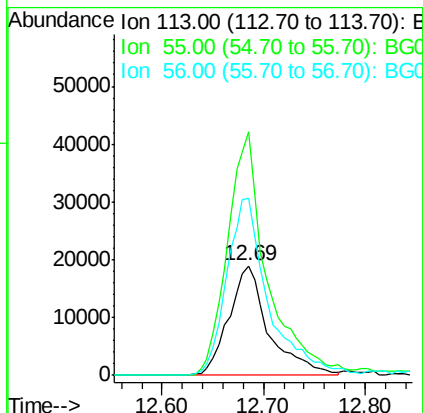
Tot Ion:113 Resp: 52224

Ion Ratio Lower Upper

113 100

55 222.2 186.9 226.9

56 161.7 130.9 170.9



#36

4-Chloro-3-methylphenol

Concen: 49.337 ng

RT: 12.99 min Scan# 1651

Delta R.T. 0.00 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

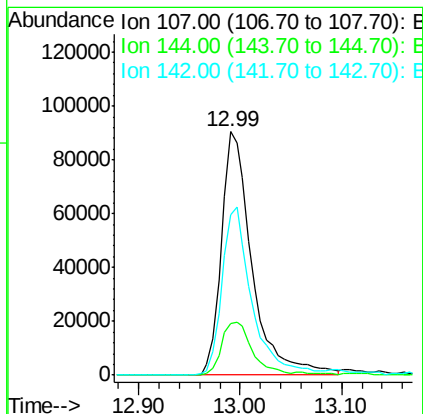
Tgt Ion:107 Resp: 189566

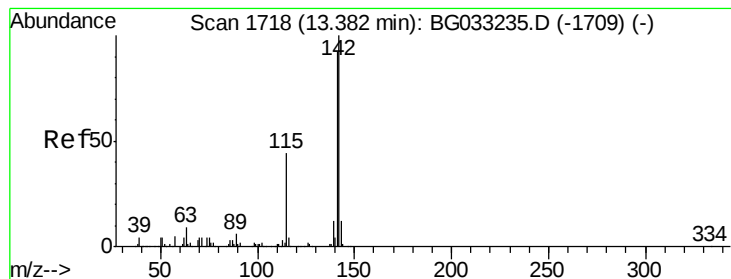
Ion Ratio Lower Upper

107 100

144 21.3 18.2 27.4

142 66.1 59.0 88.4





#37

2-Methylnaphthalene

Concen: 43.566 ng

RT: 13.38 min Scan# 1718

Delta R.T. 0.00 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

Instrument :

BNA_G

ClientSampleId :

PB107389BS

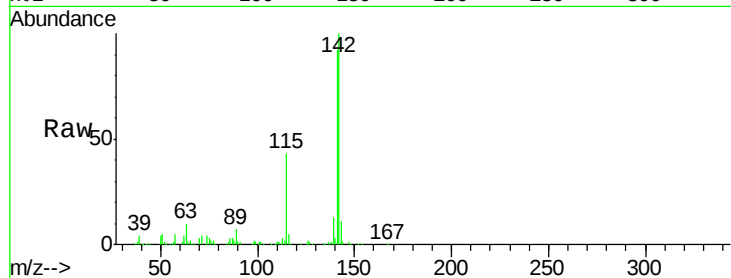
Tot Ion:142 Resp: 327599

Ion Ratio Lower Upper

142 100

141 92.0 67.1 100.7

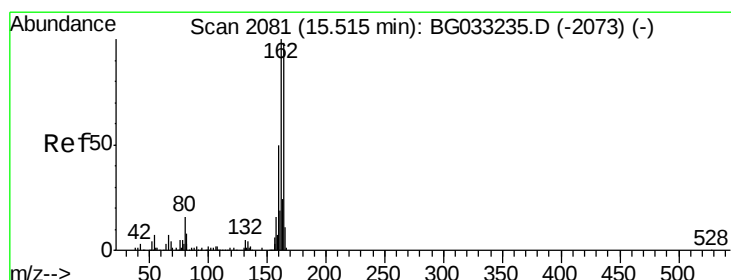
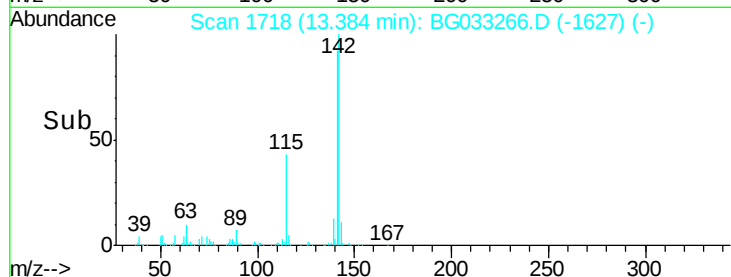
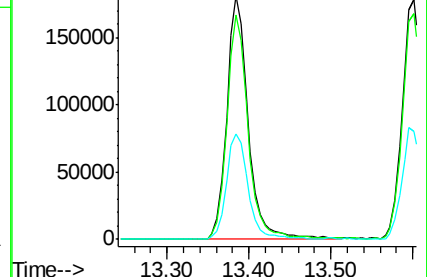
115 43.1 30.7 46.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.52 min Scan# 2081

Delta R.T. 0.00 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

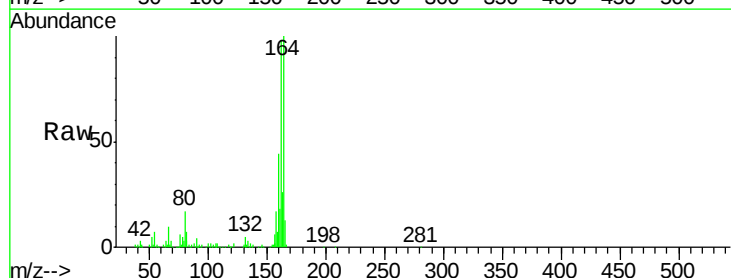
Tgt Ion:164 Resp: 137617

Ion Ratio Lower Upper

164 100

162 98.2 78.8 118.2

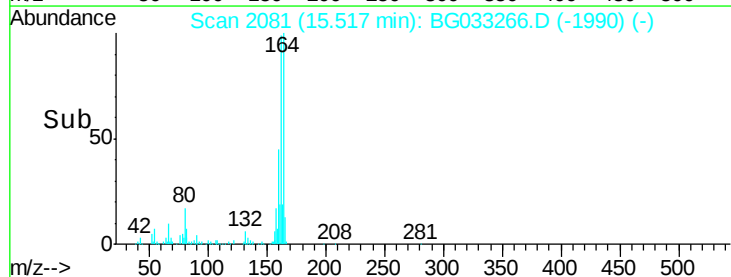
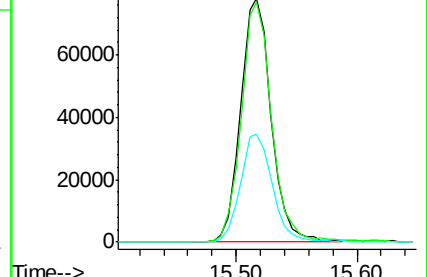
160 44.5 35.4 53.0

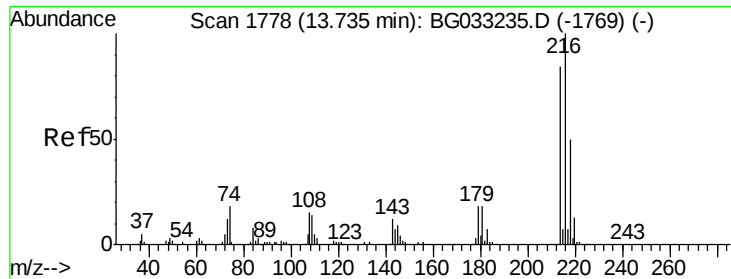


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

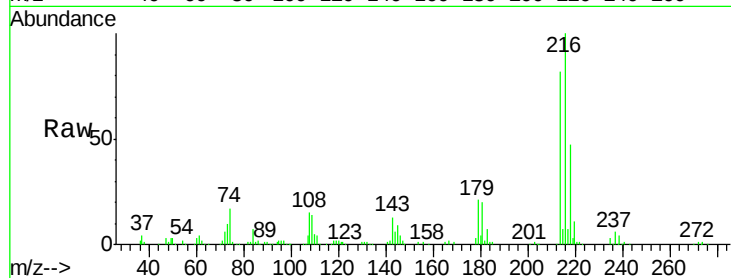




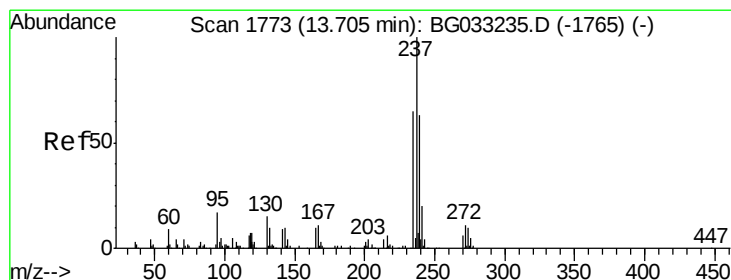
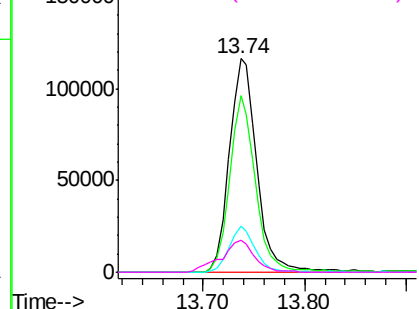
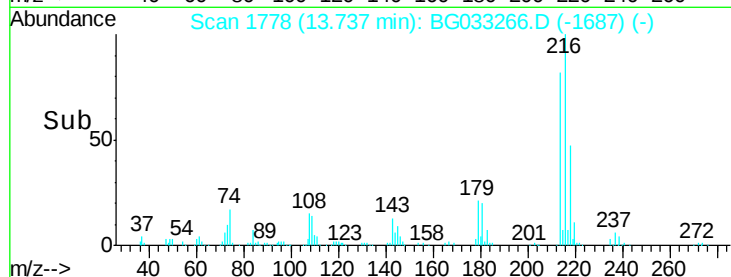
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.716 ng
 RT: 13.74 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BG033266.D
 Acq: 20 Mar 2018 11:22

Instrument :
 BNA_G
 ClientSampleId :
 PB107389BS

Tot Ion:216	Resp:	217920	
Ion Ratio	Lower	Upper	
216	100		
214	78.0	63.0	94.4
179	20.1	17.0	25.6
108	18.2	12.8	19.2

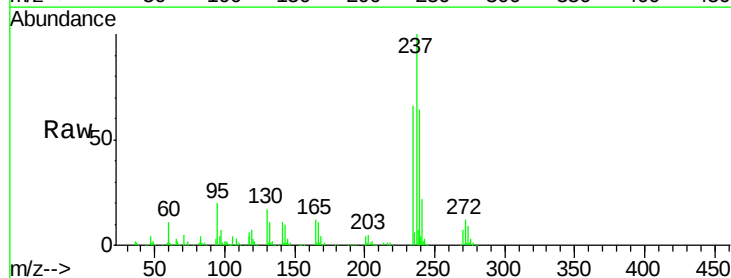


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

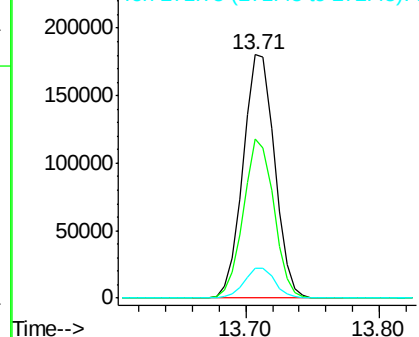
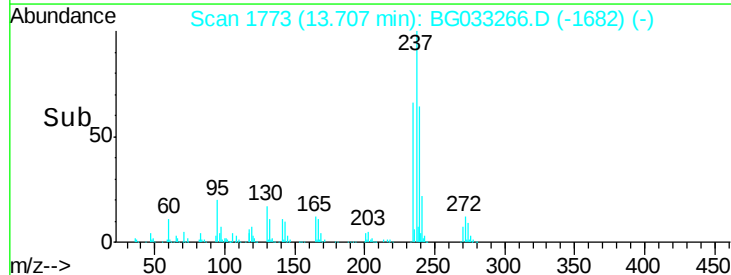


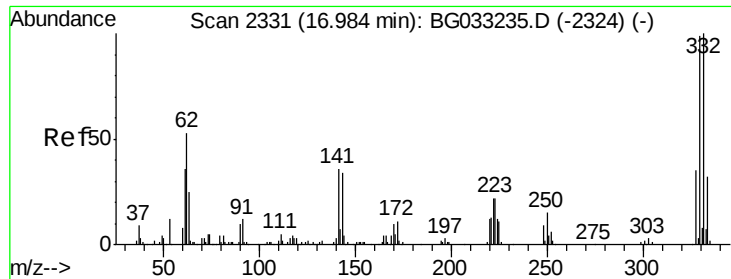
#40
 Hexachlorocyclopentadiene
 Concen: 100.562 ng
 RT: 13.71 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: BG033266.D
 Acq: 20 Mar 2018 11:22

Tgt	Ion:237	Resp:	293868
Ion	Ratio	Lower	Upper
237	100		
235	65.6	50.4	90.4
272	12.4	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

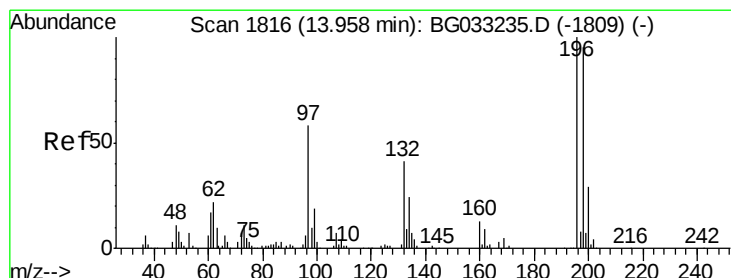
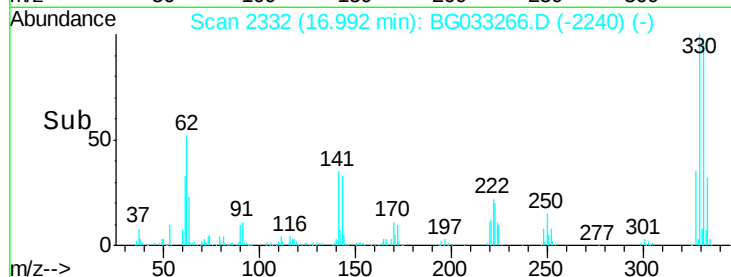
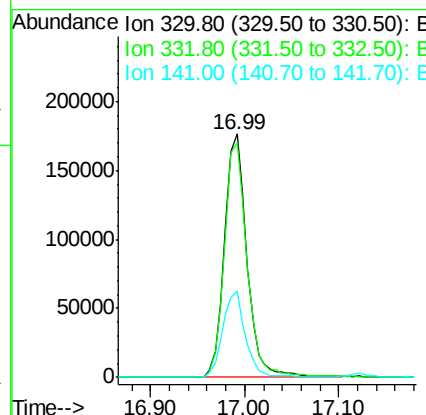
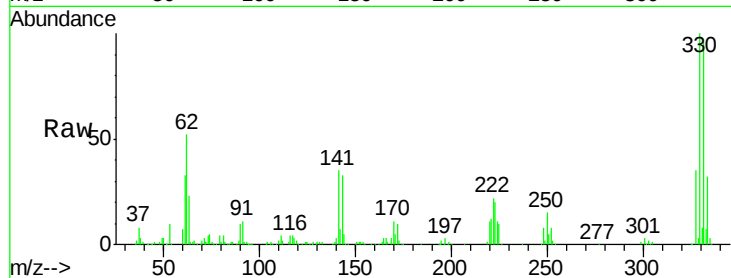




#41
 2,4,6-Tribromophenol
 Concen: 144.027 ng
 RT: 16.99 min Scan# 2332
 Delta R.T. 0.01 min
 Lab File: BG033266.D
 Acq: 20 Mar 2018 11:22

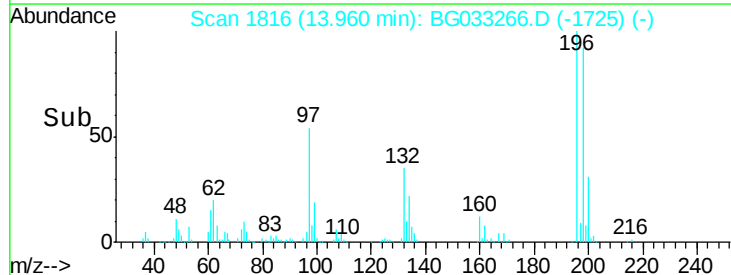
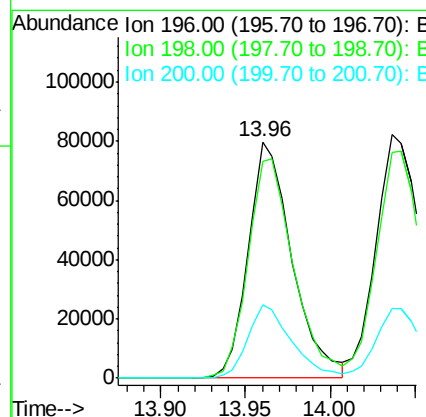
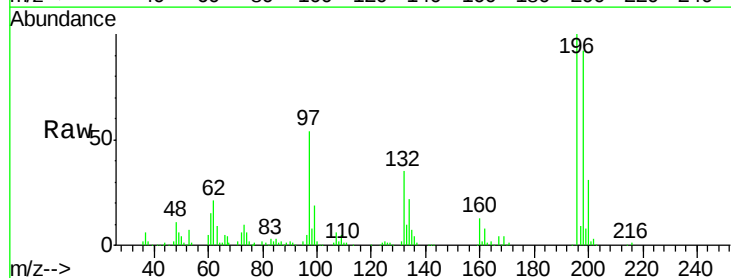
Instrument :
 BNA_G
 ClientSampleId :
 PB107389BS

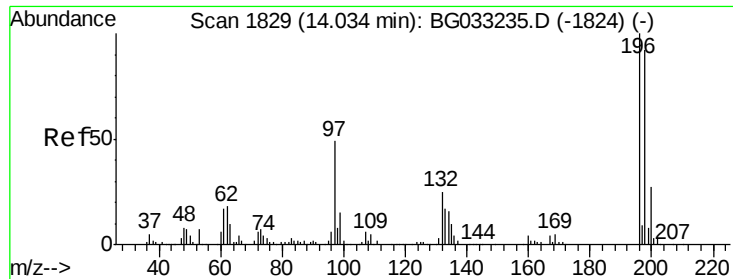
Tot Ion:330 Resp: 296440
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 35.7 25.2 37.8



#42
 2,4,6-Trichlorophenol
 Concen: 49.633 ng
 RT: 13.96 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: BG033266.D
 Acq: 20 Mar 2018 11:22

Tgt Ion:196 Resp: 143747
 Ion Ratio Lower Upper
 196 100
 198 91.6 78.2 117.2
 200 31.1 24.6 36.8

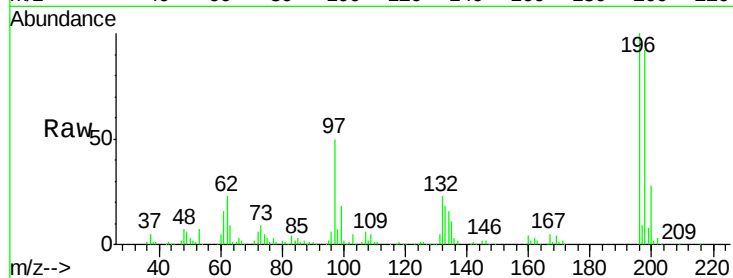




#43
 2,4,5-Trichlorophenol
 Concen: 49.408 ng
 RT: 14.04 min Scan# 1829
 Delta R.T. 0.00 min
 Lab File: BG033266.D
 Acq: 20 Mar 2018 11:22

Instrument :
 BNA_G
 ClientSampleId :
 PB107389BS

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	92.5	76.2	114.4	
97	49.9	38.7	58.1	
132	22.7	20.2	30.2	



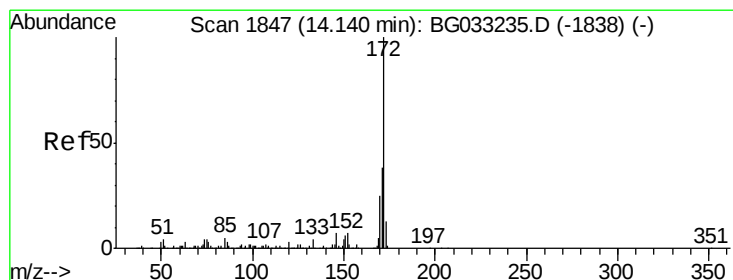
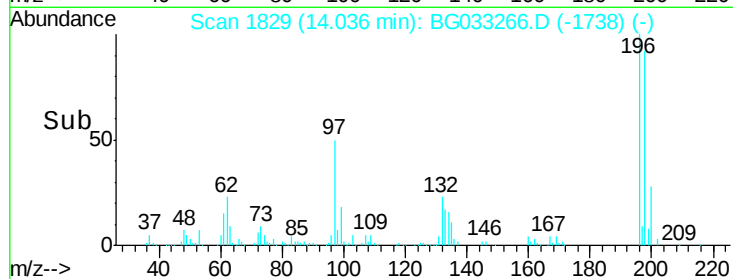
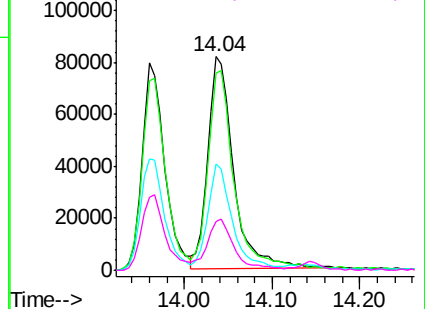
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

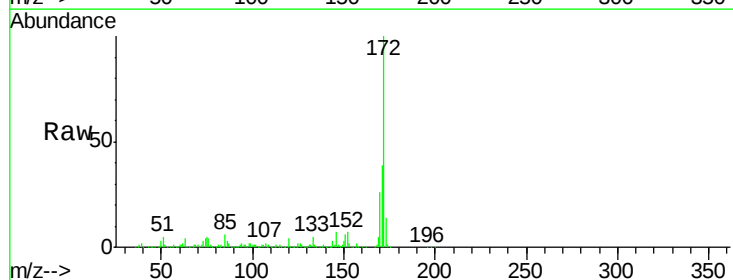
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 95.784 ng
 RT: 14.14 min Scan# 1847
 Delta R.T. 0.00 min
 Lab File: BG033266.D
 Acq: 20 Mar 2018 11:22

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	38.6	30.0	45.0	
170	25.7	19.5	29.3	

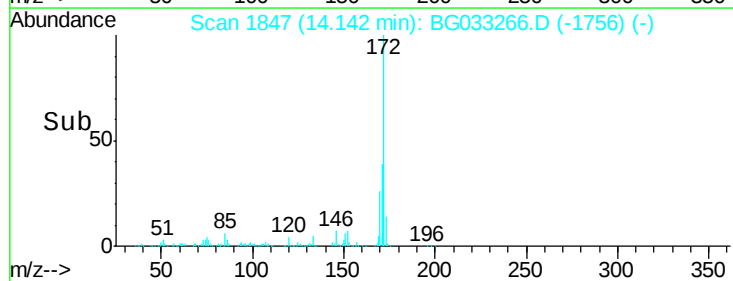
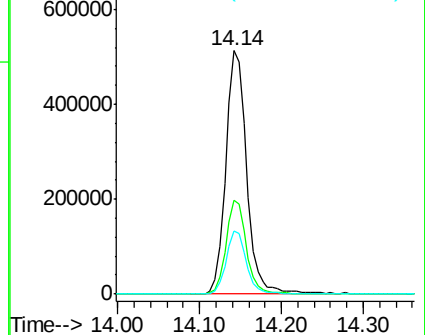


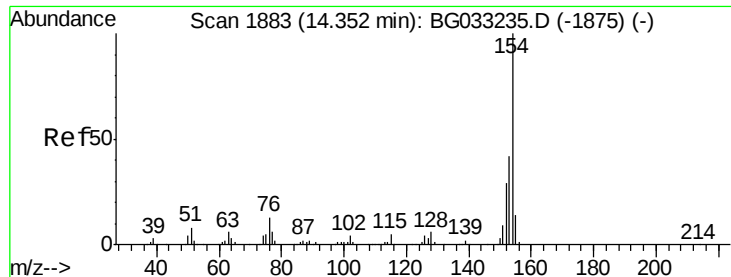
Abundance

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

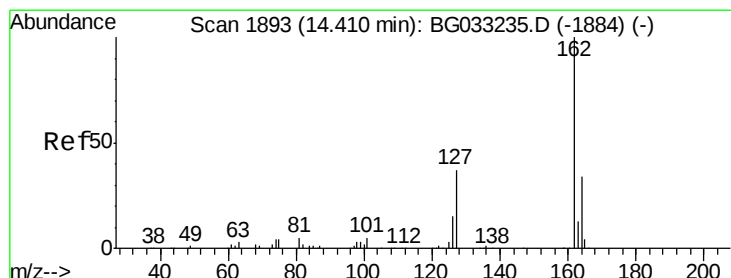
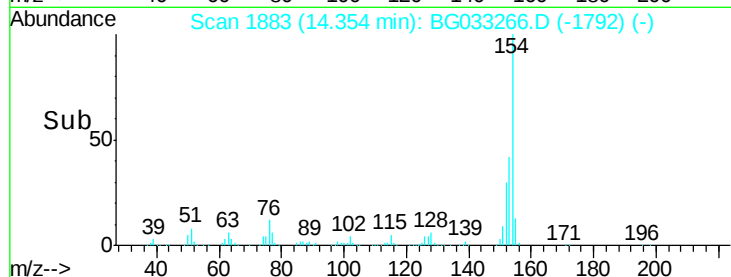
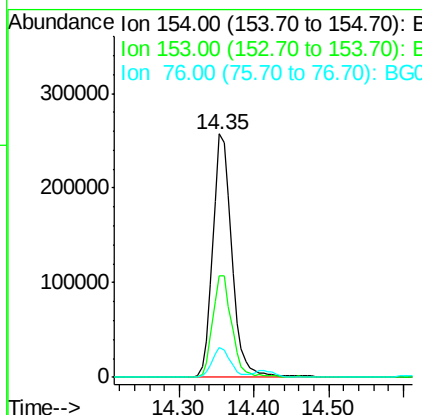
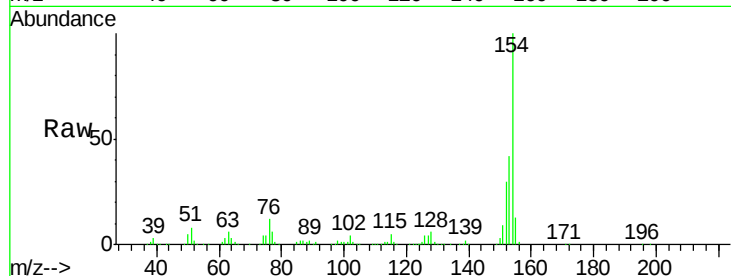




#45
 1,1'-Biphenyl
 Concen: 43.396 ng
 RT: 14.35 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: BG033266.D
 Acq: 20 Mar 2018 11:22

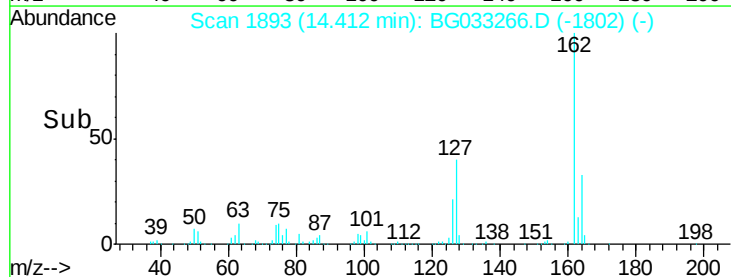
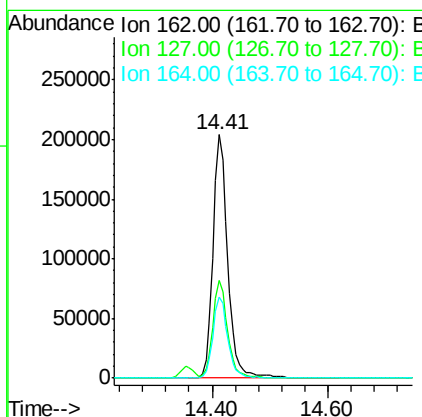
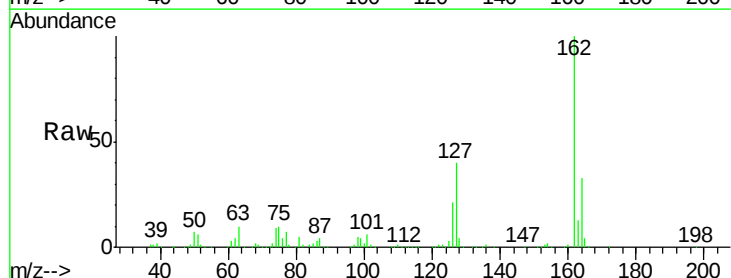
Instrument :
 BNA_G
 ClientSampleId :
 PB107389BS

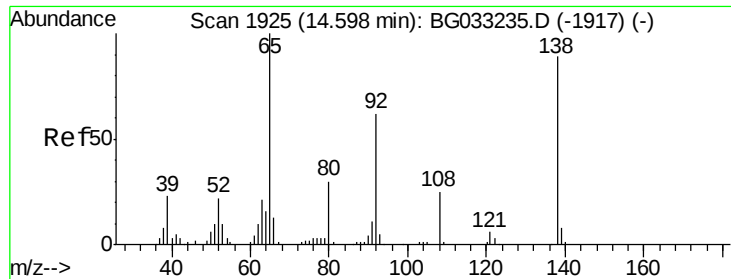
Tot Ion:154 Resp: 458818
 Ion Ratio Lower Upper
 154 100
 153 41.8 19.8 59.8
 76 12.0 0.0 31.9



#46
 2-Chloronaphthalene
 Concen: 44.682 ng
 RT: 14.41 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: BG033266.D
 Acq: 20 Mar 2018 11:22

Tgt Ion:162 Resp: 364256
 Ion Ratio Lower Upper
 162 100
 127 40.0 30.7 46.1
 164 33.4 26.0 39.0

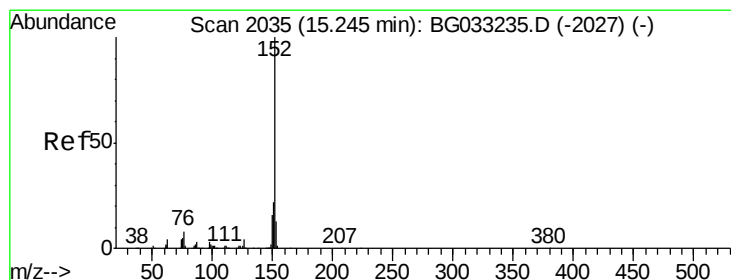
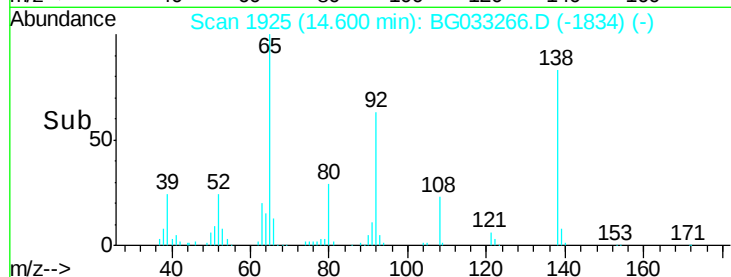
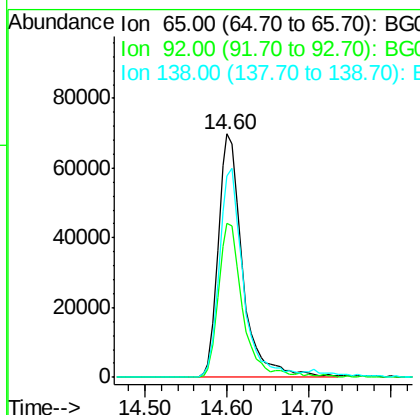
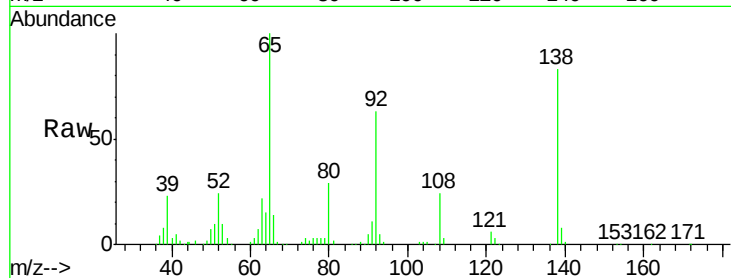




#47
2-Nitroaniline
Concen: 47.402 ng
RT: 14.60 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BG033266.D
Acq: 20 Mar 2018 11:22

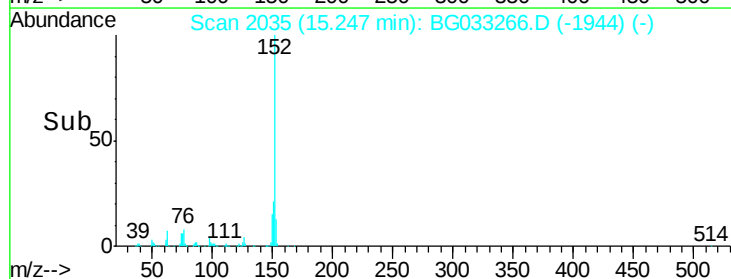
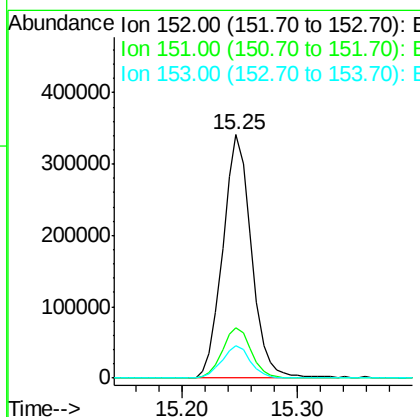
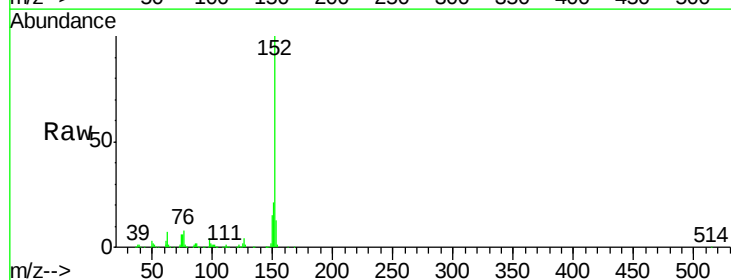
Instrument :
BNA_G
ClientSampleId :
PB107389BS

Tot Ion: 65 Resp: 144739
Ion Ratio Lower Upper
65 100
92 63.0 54.6 82.0
138 82.7 72.9 109.3



#48
Acenaphthylene
Concen: 42.721 ng
RT: 15.25 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BG033266.D
Acq: 20 Mar 2018 11:22

Tgt Ion: 152 Resp: 581326
Ion Ratio Lower Upper
152 100
151 20.5 17.2 25.8
153 13.2 10.2 15.4





#49

Dimethylphthalate

Concen: 43.479 ng

RT: 14.94 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

Instrument :

BNA_G

ClientSampleId :

PB107389BS

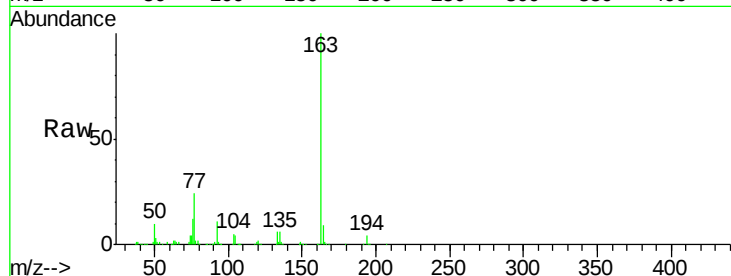
Tot Ion:163 Resp: 520721

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

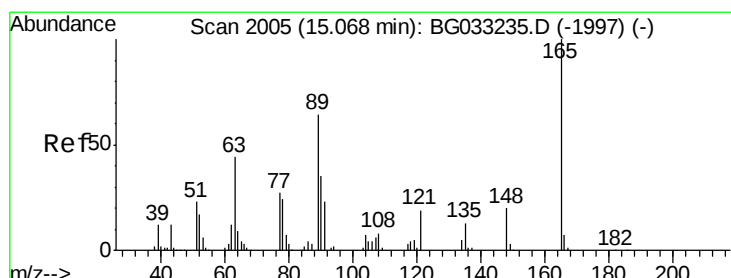
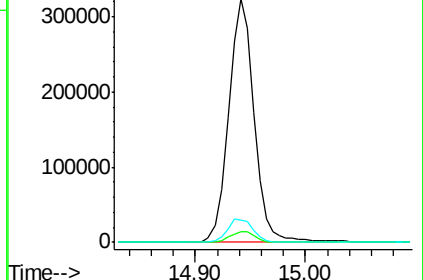
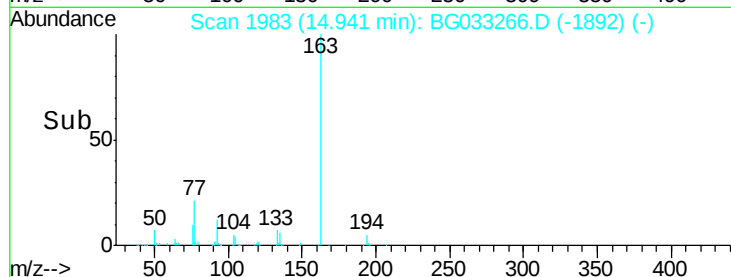
164 9.3 8.2 12.4



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: 48.069 ng

RT: 15.07 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

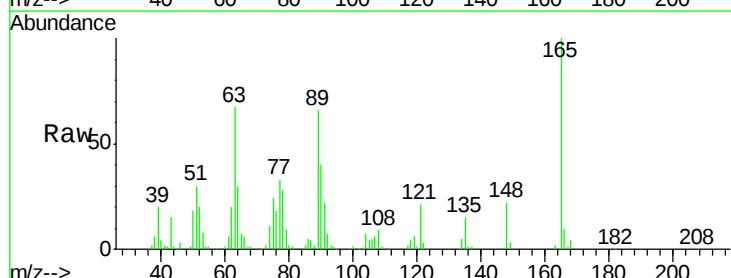
Tgt Ion:165 Resp: 117714

Ion Ratio Lower Upper

165 100

63 66.9 52.7 79.1

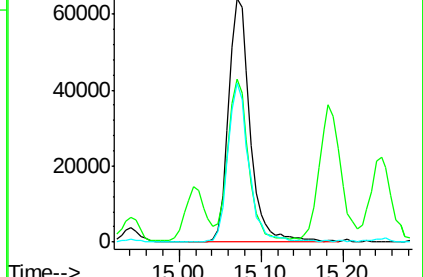
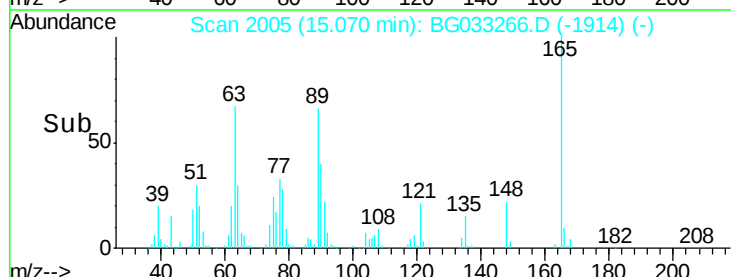
89 65.5 49.2 73.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 50.452 ng

RT: 15.58 min Scan# 2092

Delta R.T. 0.01 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

Instrument :

BNA_G

ClientSampleId :

PB107389BS

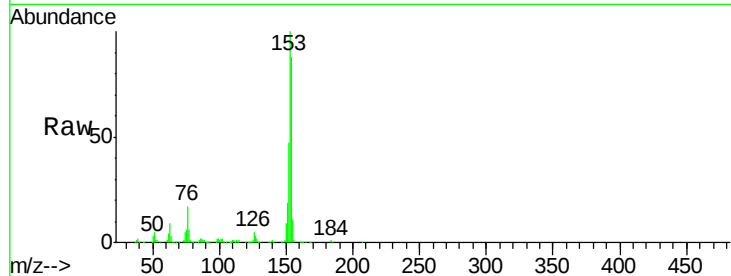
Tot Ion:154 Resp: 442564

Ion Ratio Lower Upper

154 100

153 113.5 90.4 135.6

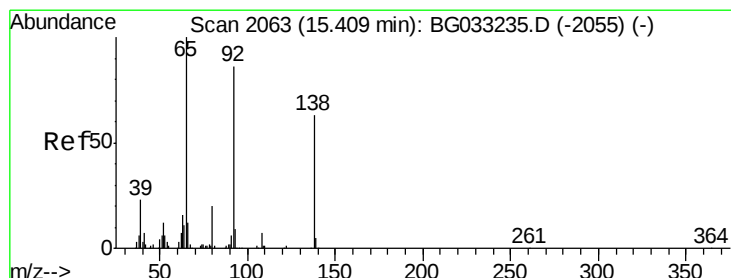
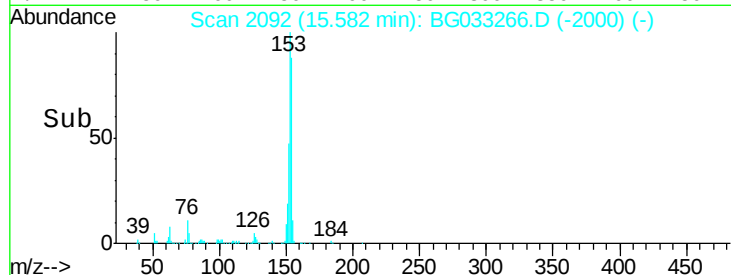
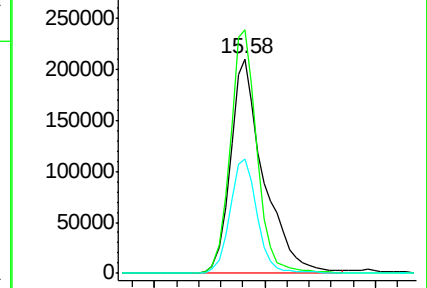
152 53.4 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.410 ng

RT: 15.41 min Scan# 2063

Delta R.T. 0.00 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

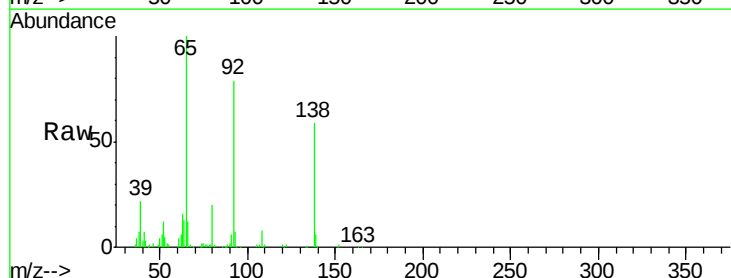
Tgt Ion:138 Resp: 65237

Ion Ratio Lower Upper

138 100

108 12.8 17.5 26.3#

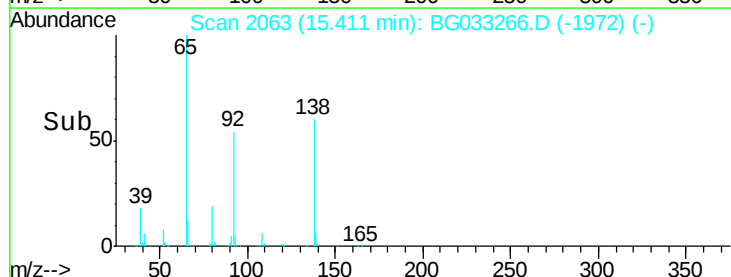
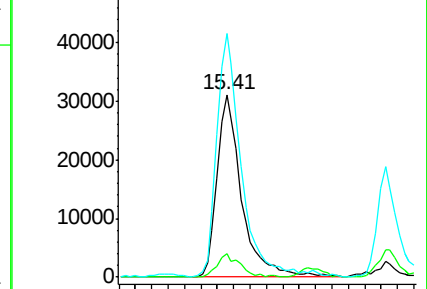
92 133.5 105.8 158.8

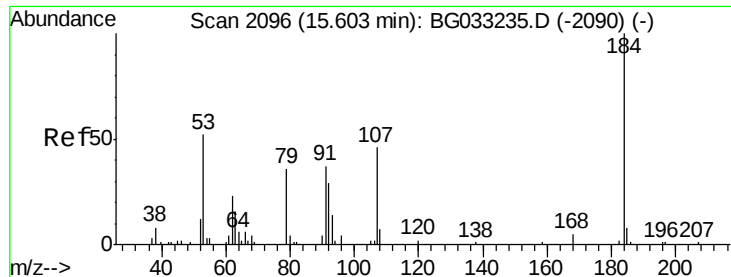


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

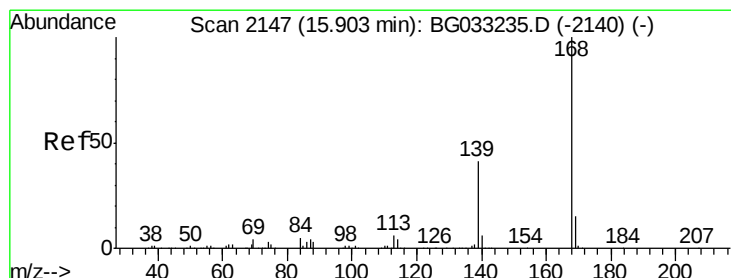
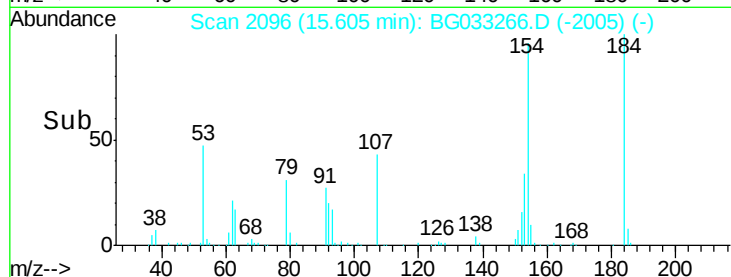
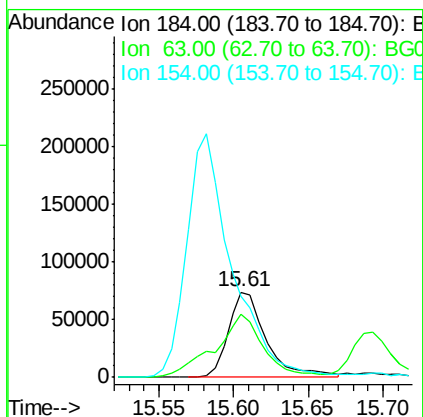
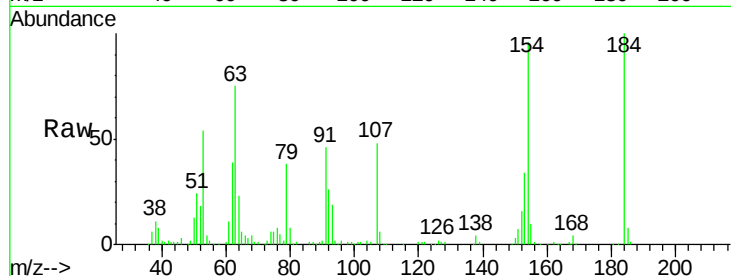




#53
 2,4-Dinitrophenol
 Concen: 101.088 ng
 RT: 15.61 min Scan# 2096
 Delta R.T. 0.00 min
 Lab File: BG033266.D
 Acq: 20 Mar 2018 11:22

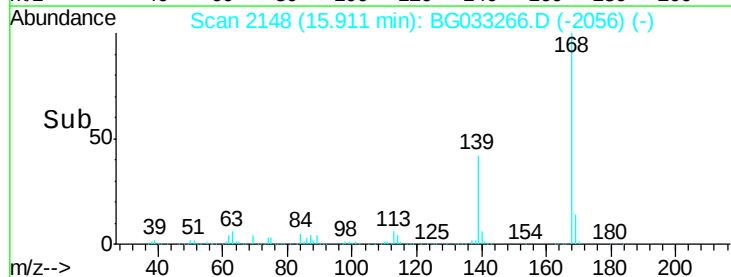
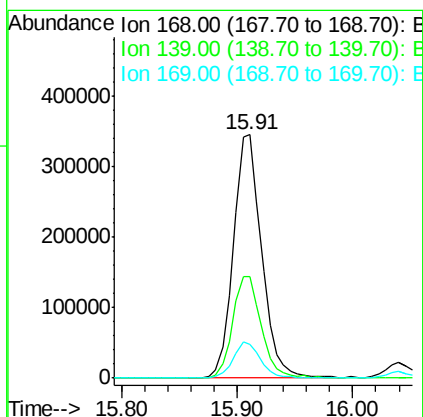
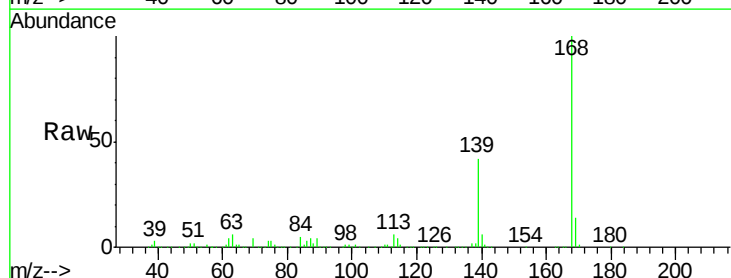
Instrument :
 BNA_G
 ClientSampled :
 PB107389BS

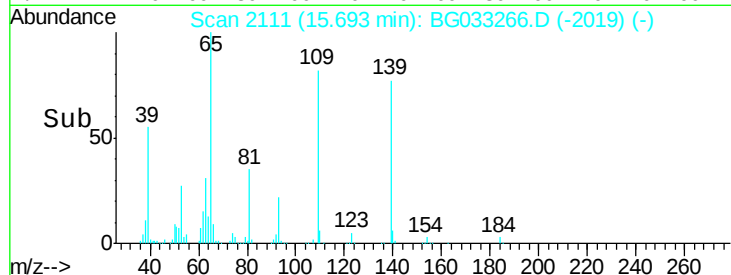
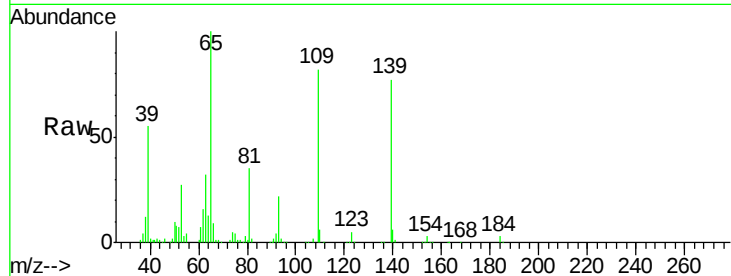
Tot Ion:184 Resp: 131020
 Ion Ratio Lower Upper
 184 100
 63 74.8 59.8 89.8
 154 95.9 101.8 152.8#



#54
 Dibenzofuran
 Concen: 45.182 ng
 RT: 15.91 min Scan# 2148
 Delta R.T. 0.01 min
 Lab File: BG033266.D
 Acq: 20 Mar 2018 11:22

Tgt Ion:168 Resp: 585436
 Ion Ratio Lower Upper
 168 100
 139 41.9 28.6 43.0
 169 13.7 11.2 16.8

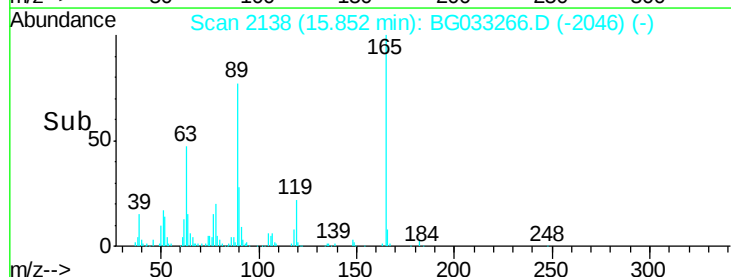
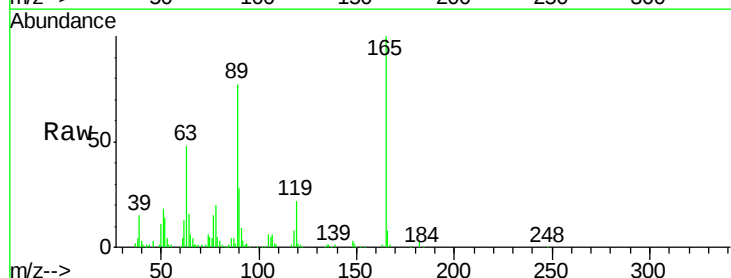
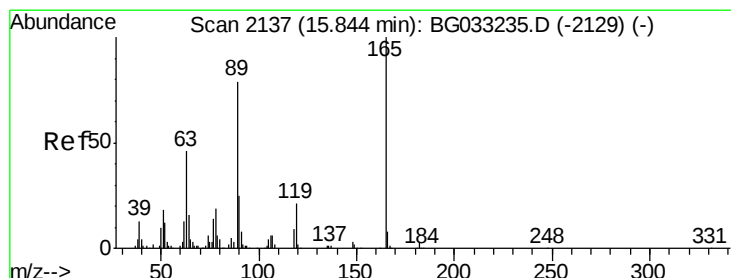
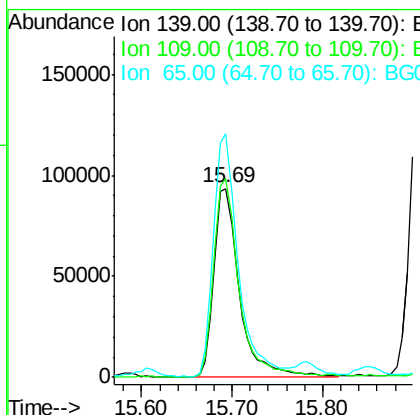




#55
4-Nitrophenol
Concen: 102.231 ng
RT: 15.69 min Scan# 2111
Delta R.T. 0.01 min
Lab File: BG033266.D
Acq: 20 Mar 2018 11:22

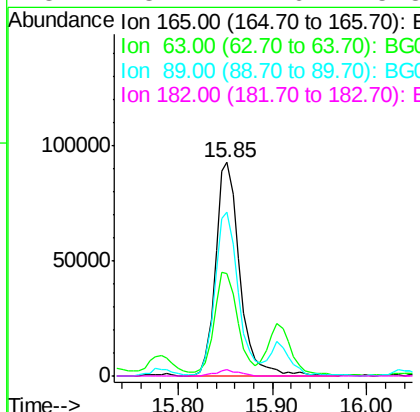
Instrument :
BNA_G
ClientSampleId :
PB107389BS

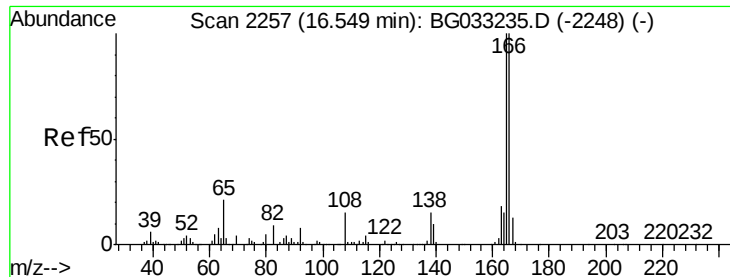
Tot Ion:139 Resp: 184559
Ion Ratio Lower Upper
139 100
109 105.7 62.2 102.2#
65 129.1 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 46.231 ng
RT: 15.85 min Scan# 2138
Delta R.T. 0.01 min
Lab File: BG033266.D
Acq: 20 Mar 2018 11:22

Tgt Ion:165 Resp: 166692
Ion Ratio Lower Upper
165 100
63 47.7 42.0 63.0
89 76.7 66.9 100.3
182 3.2 2.6 3.8





#57

Fluorene

Concen: 43.663 ng

RT: 16.55 min Scan# 2257

Delta R.T. 0.00 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

Instrument :

BNA_G

ClientSampleId :

PB107389BS

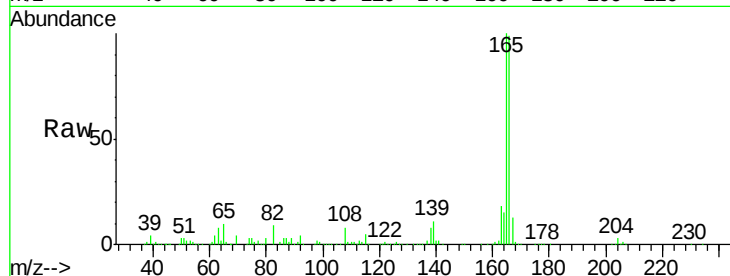
Tot Ion:166 Resp: 481975

Ion Ratio Lower Upper

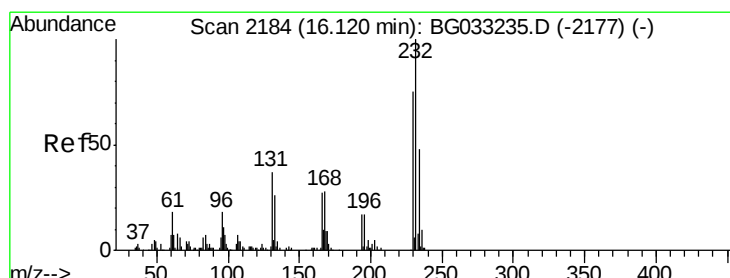
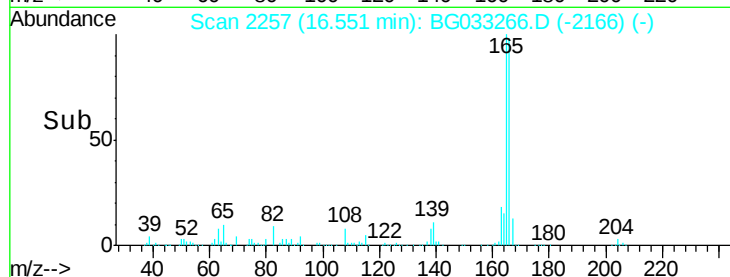
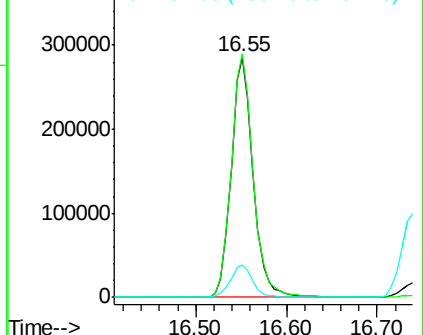
166 100

165 101.5 80.6 121.0

167 13.3 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: 50.170 ng

RT: 16.12 min Scan# 2184

Delta R.T. 0.01 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

Tgt Ion:232 Resp: 161685

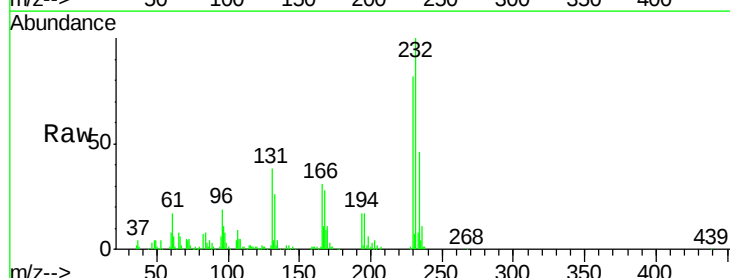
Ion Ratio Lower Upper

232 100

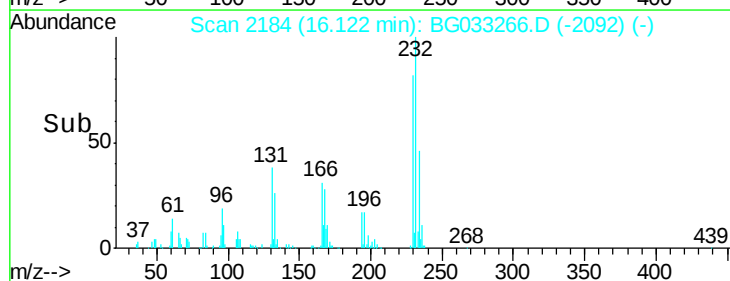
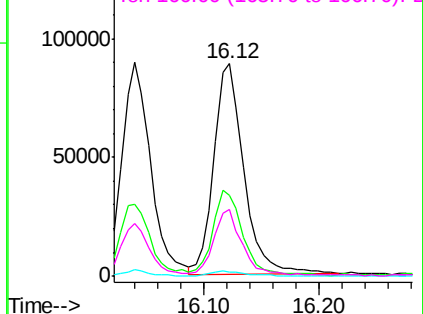
131 40.3 33.5 50.3

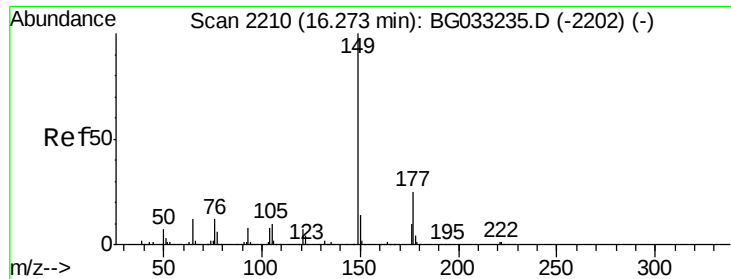
130 2.4 2.2 3.2

166 29.0 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

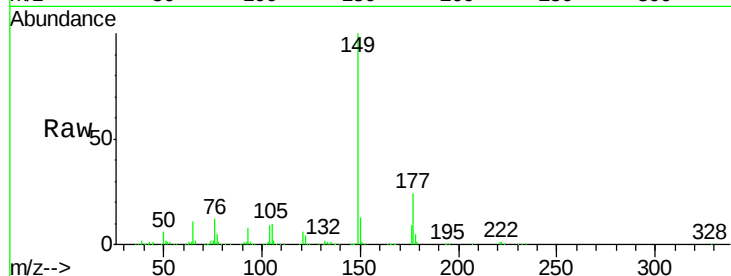




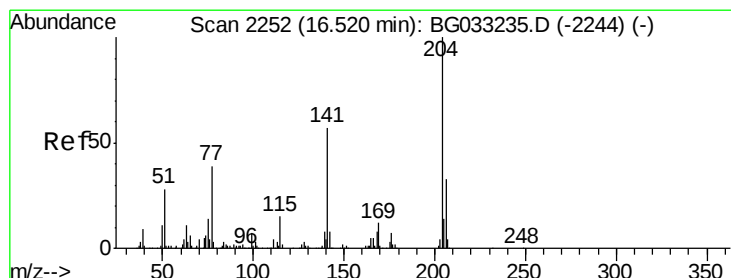
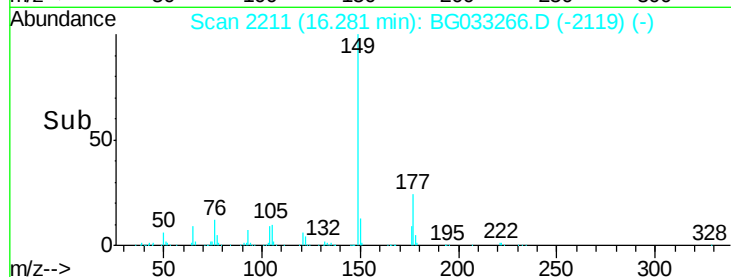
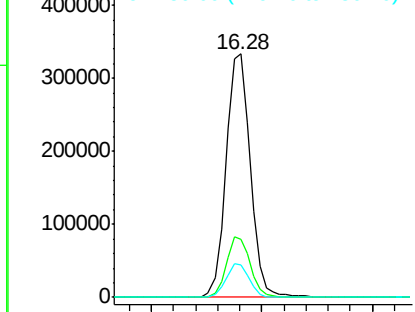
#59
Diethylphthalate
Concen: 44.218 ng
RT: 16.28 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BG033266.D
Acq: 20 Mar 2018 11:22

Instrument :
BNA_G
ClientSampleId :
PB107389BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.9	18.5	27.7
150	13.2	10.2	15.2

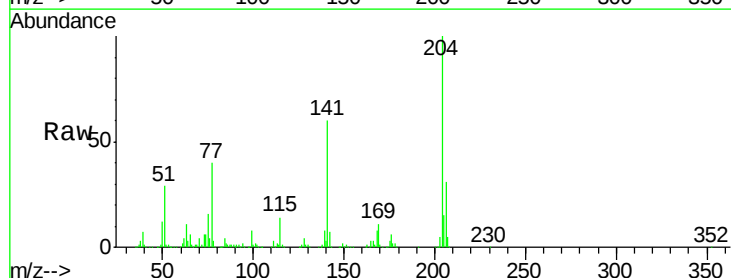


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

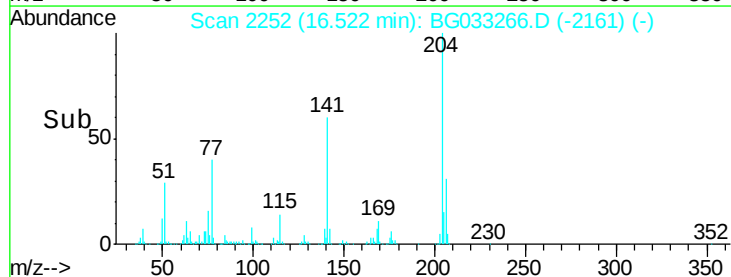
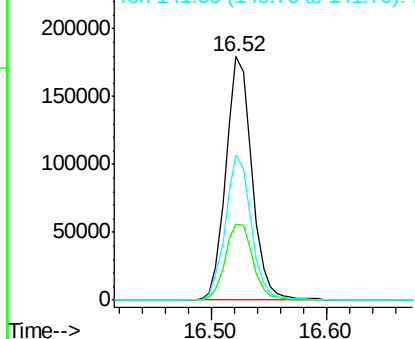


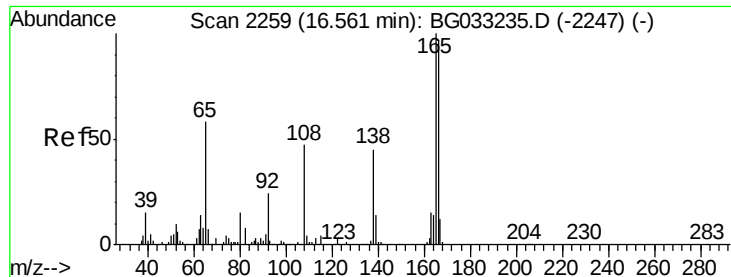
#60
4-Chlorophenyl-phenylether
Concen: 44.231 ng
RT: 16.52 min Scan# 2252
Delta R.T. 0.00 min
Lab File: BG033266.D
Acq: 20 Mar 2018 11:22

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.0	26.2	39.2
141	59.6	45.8	68.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 39.112 ng

RT: 16.57 min Scan# 2260

Delta R.T. 0.01 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

Instrument :

BNA_G

ClientSampleId :

PB107389BS

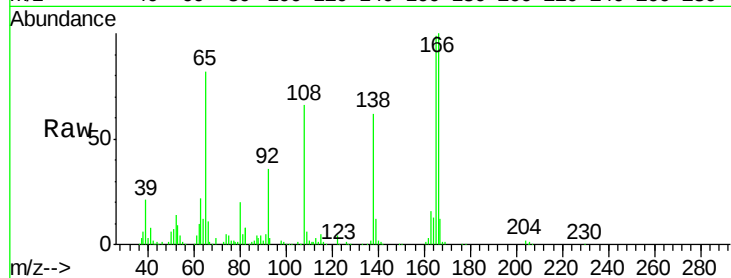
Tot Ion:138 Resp: 101686

Ion Ratio Lower Upper

138 100

92 58.6 40.1 80.1

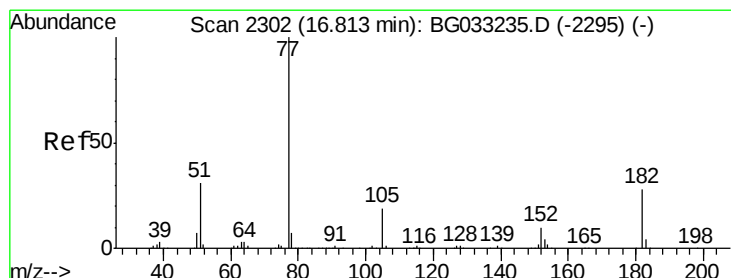
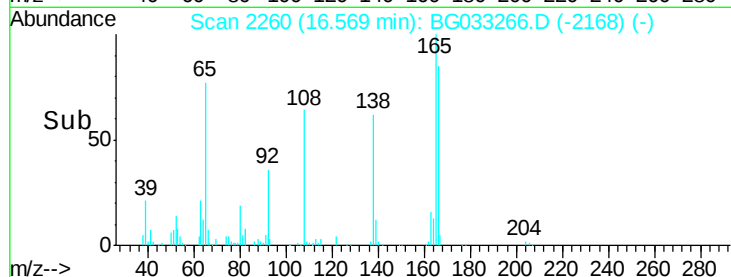
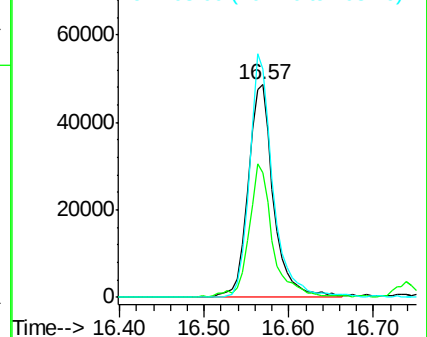
108 107.5 65.4 105.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.715 ng

RT: 16.82 min Scan# 2302

Delta R.T. 0.00 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

Tgt Ion: 77 Resp: 514994

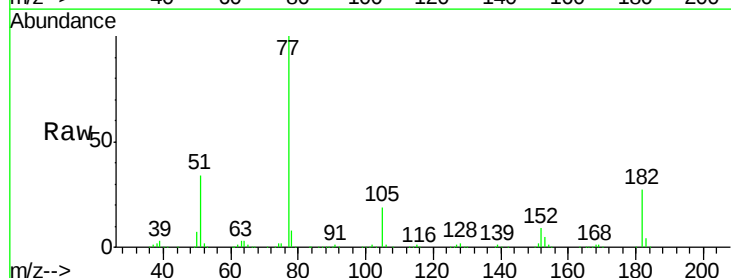
Ion Ratio Lower Upper

77 100

182 26.7 7.4 47.4

105 19.4 0.3 40.3

51 33.5 11.6 51.6

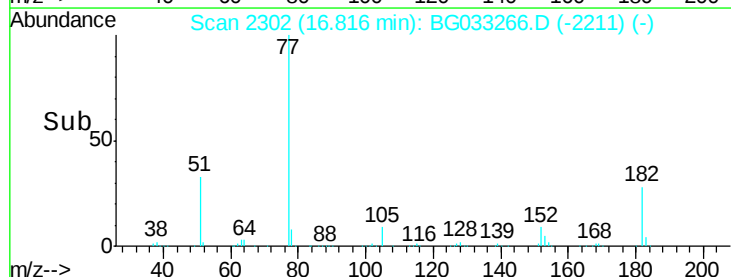
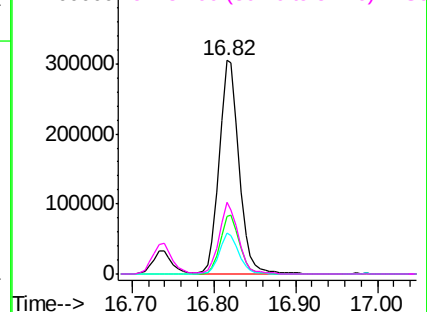


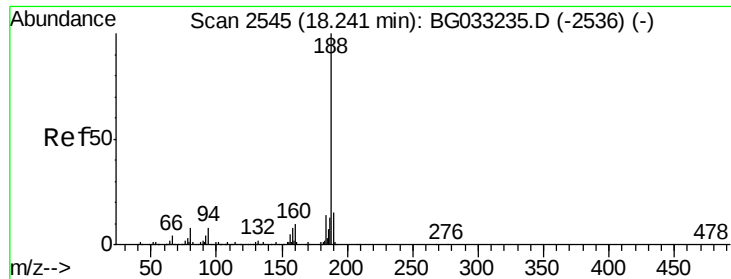
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.25 min Scan# 2546

Delta R.T. 0.01 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

Instrument :

BNA_G

ClientSampleId :

PB107389BS

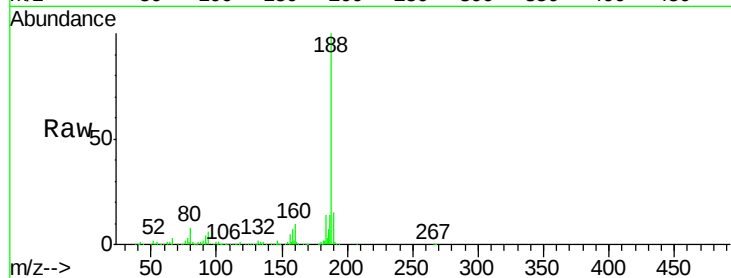
Tot Ion:188 Resp: 351010

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

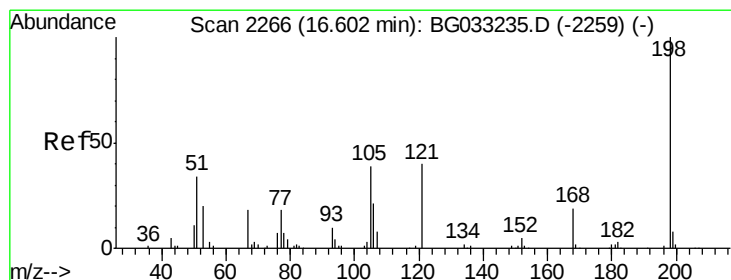
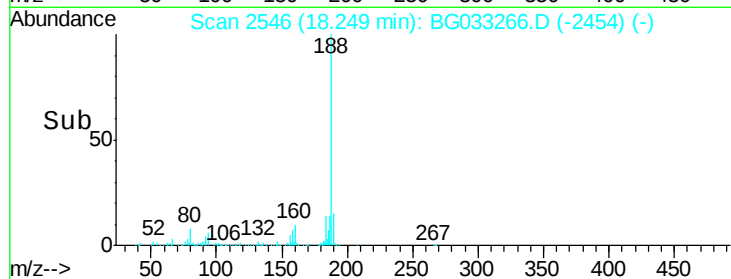
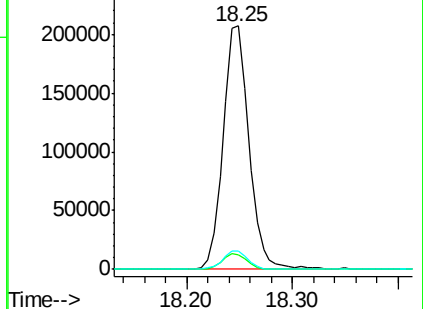
80 7.7 7.7 11.5



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: 43.694 ng

RT: 16.60 min Scan# 2266

Delta R.T. 0.00 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

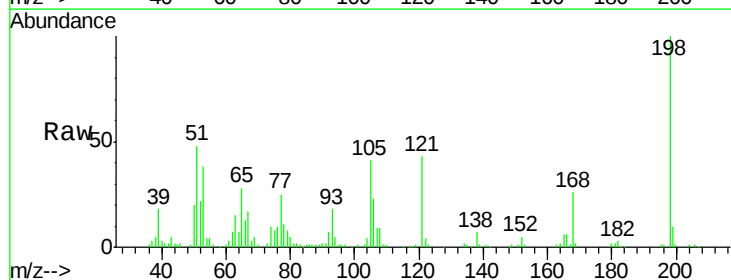
Tgt Ion:198 Resp: 91751

Ion Ratio Lower Upper

198 100

51 48.1 30.6 70.6

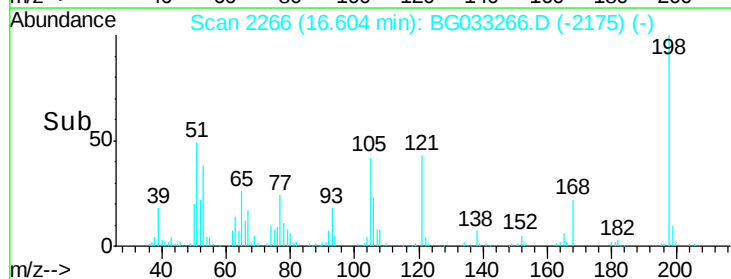
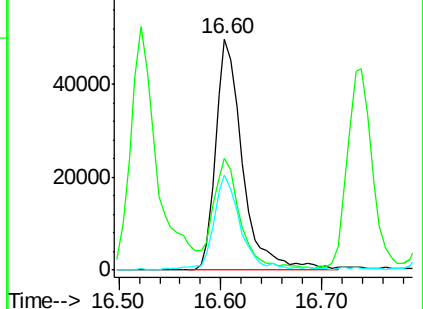
105 41.0 23.8 63.8

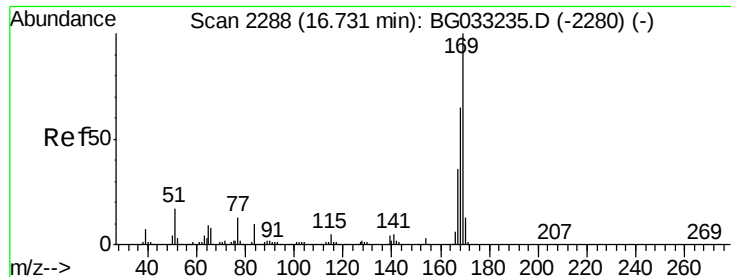


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

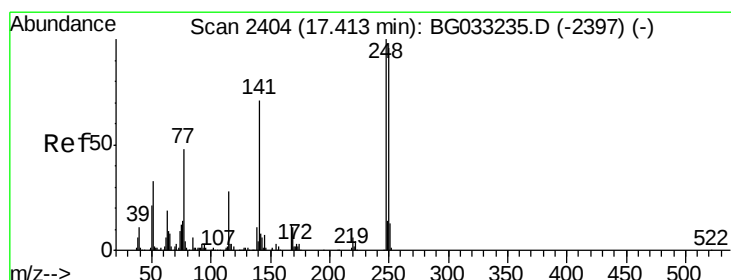
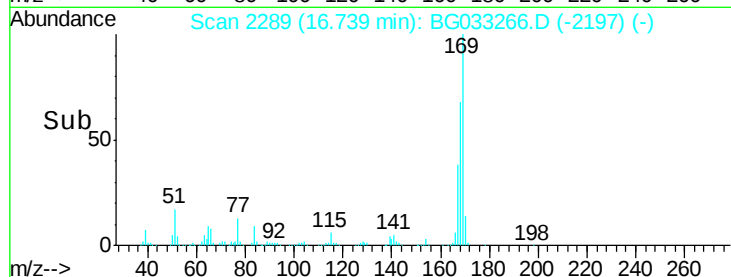
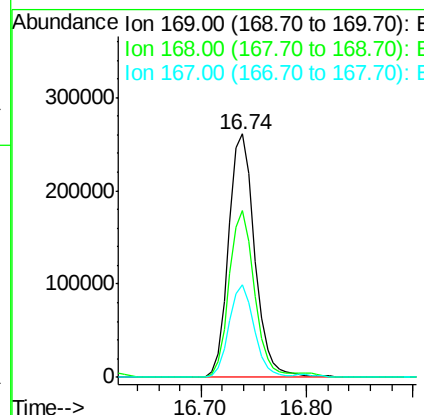
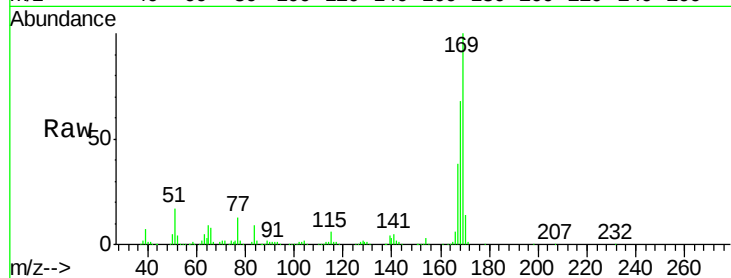




#65
n-Nitrosodiphenylamine
Concen: 44.695 ng
RT: 16.74 min Scan# 2289
Delta R.T. 0.01 min
Lab File: BG033266.D
Acq: 20 Mar 2018 11:22

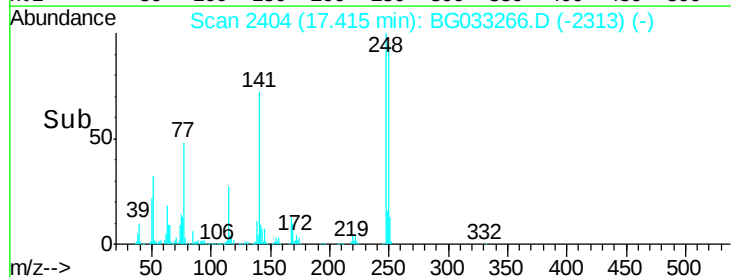
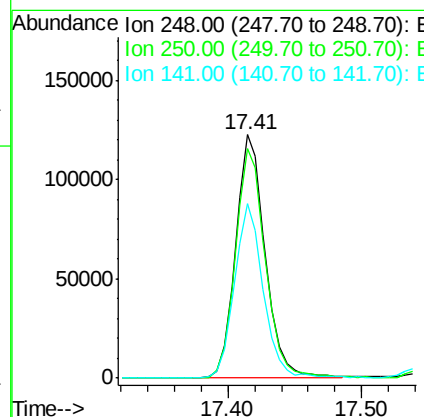
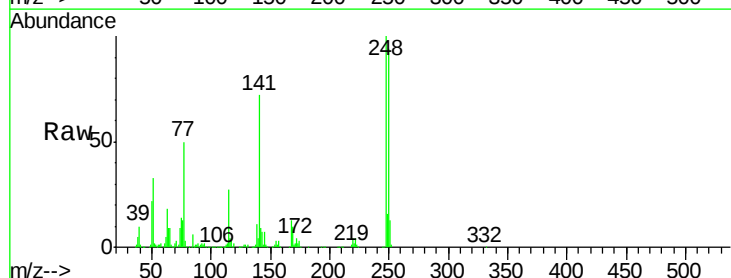
Instrument :
BNA_G
ClientSampleId :
PB107389BS

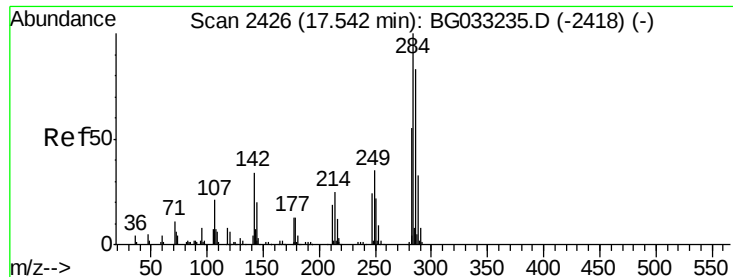
Tot Ion:169 Resp: 447884
Ion Ratio Lower Upper
169 100
168 68.4 55.7 83.5
167 37.9 30.1 45.1



#66
4-Bromophenyl-phenylether
Concen: 45.757 ng
RT: 17.41 min Scan# 2404
Delta R.T. 0.00 min
Lab File: BG033266.D
Acq: 20 Mar 2018 11:22

Tgt Ion:248 Resp: 188625
Ion Ratio Lower Upper
248 100
250 94.0 77.1 115.7
141 71.6 50.8 76.2





#67

Hexachlorobenzene

Concen: 43.969 ng

RT: 17.54 min Scan# 2426

Delta R.T. 0.00 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

Instrument :

BNA_G

ClientSampleId :

PB107389BS

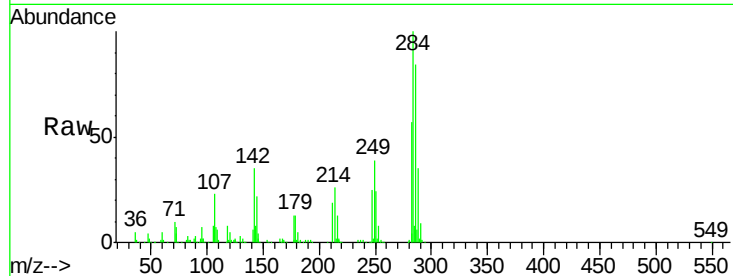
Tot Ion:284 Resp: 191288

Ion Ratio Lower Upper

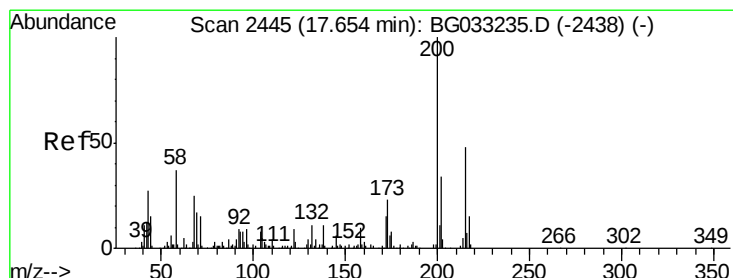
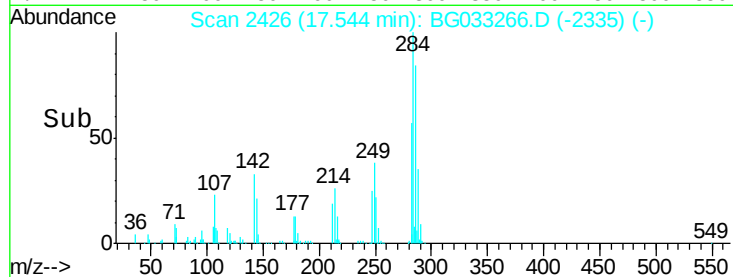
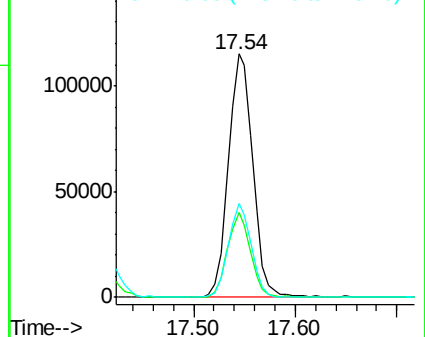
284 100

142 34.9 26.8 40.2

249 38.8 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: 45.465 ng

RT: 17.66 min Scan# 2445

Delta R.T. 0.00 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

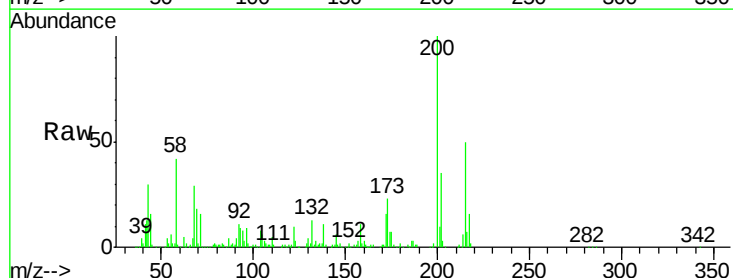
Tgt Ion:200 Resp: 184616

Ion Ratio Lower Upper

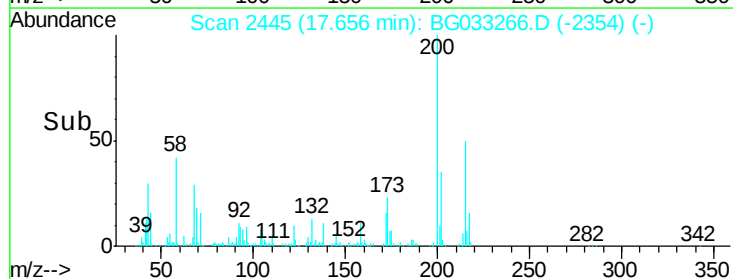
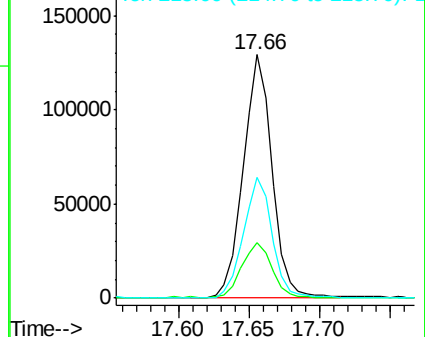
200 100

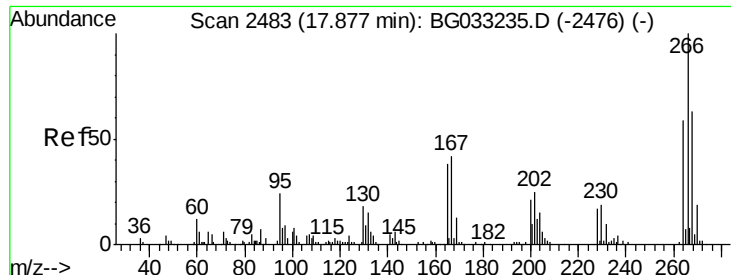
173 22.7 5.2 45.2

215 49.7 30.4 70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

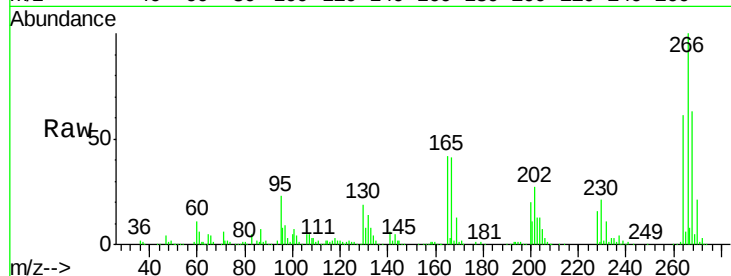




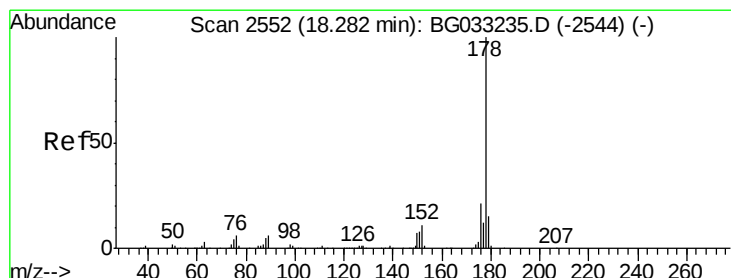
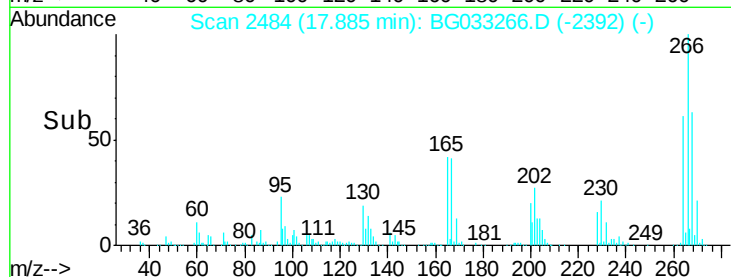
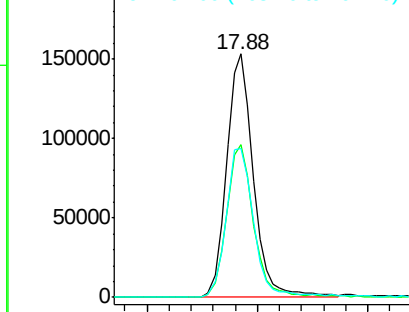
#69
 Pentachlorophenol
 Concen: 87.044 ng
 RT: 17.88 min Scan# 2484
 Delta R.T. 0.01 min
 Lab File: BG033266.D
 Acq: 20 Mar 2018 11:22

Instrument :
 BNA_G
 ClientSampleId :
 PB107389BS

Tot Ion:266 Resp: 259912
 Ion Ratio Lower Upper
 266 100
 268 62.6 51.1 76.7
 264 61.3 49.6 74.4

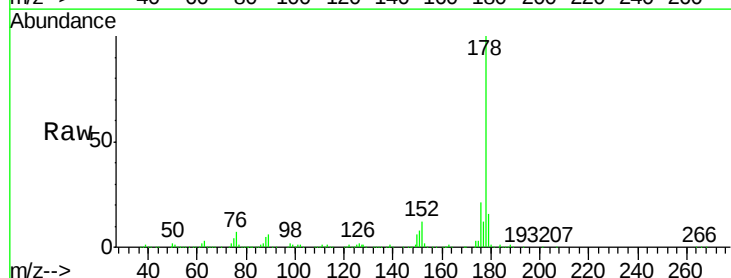


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

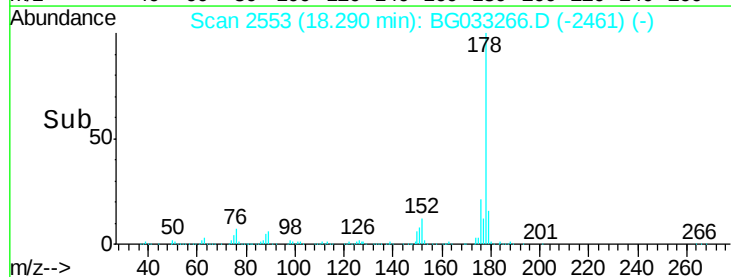
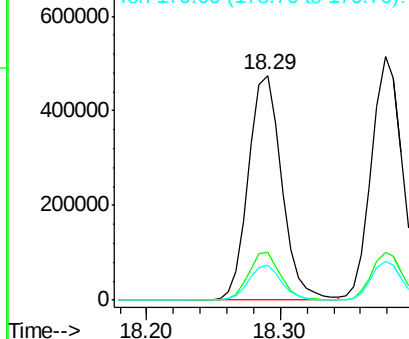


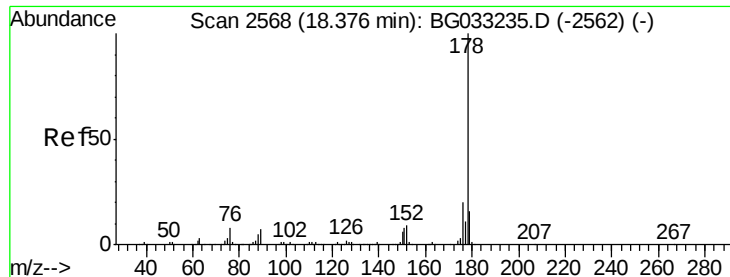
#70
 Phenanthrene
 Concen: 44.733 ng
 RT: 18.29 min Scan# 2553
 Delta R.T. 0.01 min
 Lab File: BG033266.D
 Acq: 20 Mar 2018 11:22

Tgt Ion:178 Resp: 817748
 Ion Ratio Lower Upper
 178 100
 176 21.0 15.7 23.5
 179 15.8 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

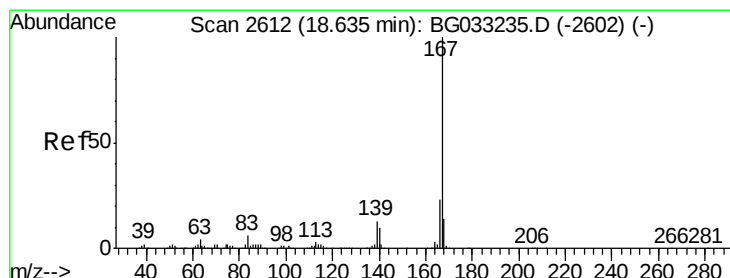
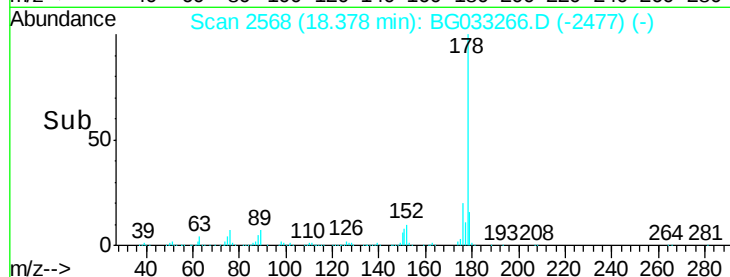
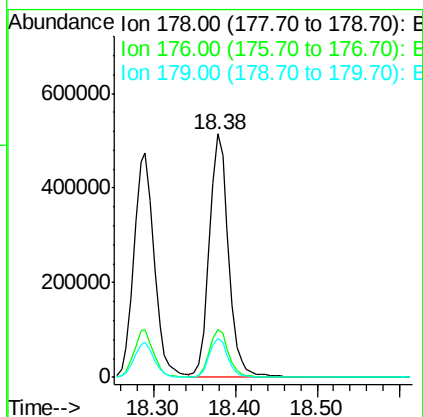
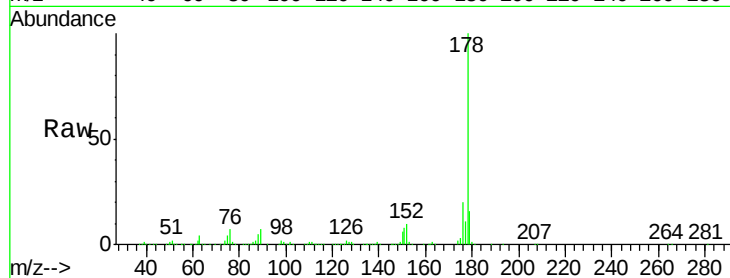




#71
 Anthracene
 Concen: 45.471 ng
 RT: 18.38 min Scan# 2568
 Delta R.T. 0.00 min
 Lab File: BG033266.D
 Acq: 20 Mar 2018 11:22

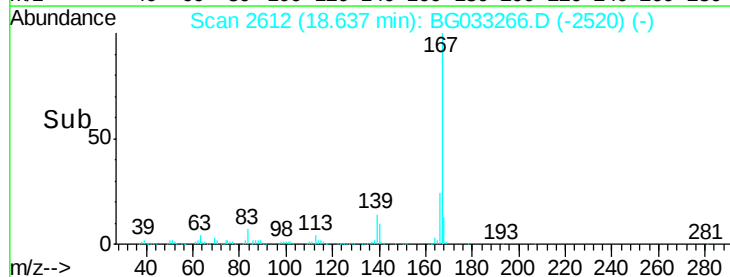
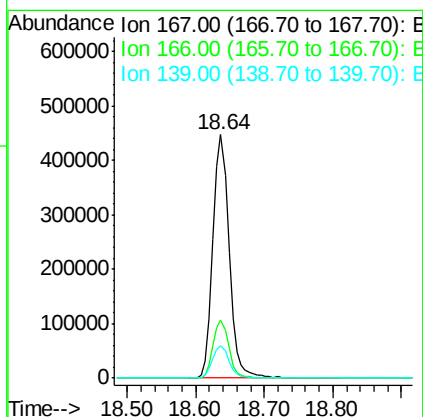
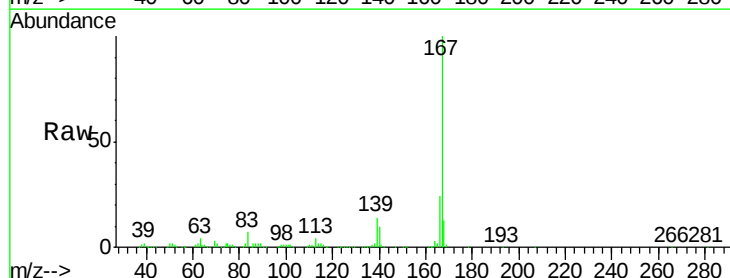
Instrument :
 BNA_G
 ClientSampleId :
 PB107389BS

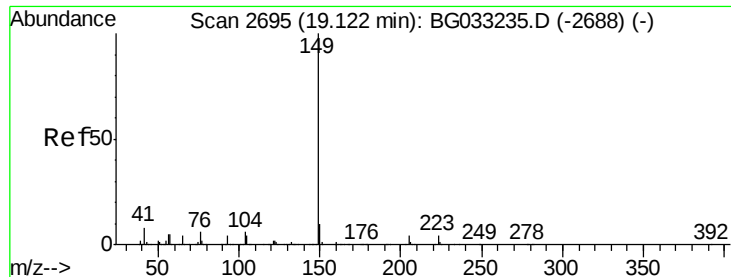
Tot Ion:178 Resp: 841655
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.0 24.0
 179 16.1 12.5 18.7



#72
 Carbazole
 Concen: 44.876 ng
 RT: 18.64 min Scan# 2612
 Delta R.T. 0.01 min
 Lab File: BG033266.D
 Acq: 20 Mar 2018 11:22

Tgt Ion:167 Resp: 736055
 Ion Ratio Lower Upper
 167 100
 166 23.9 18.2 27.4
 139 13.6 9.4 14.2





#73

Di-n-butylphthalate

Concen: 45.183 ng

RT: 19.13 min Scan# 2696

Delta R.T. 0.01 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

Instrument :

BNA_G

ClientSampleId :

PB107389BS

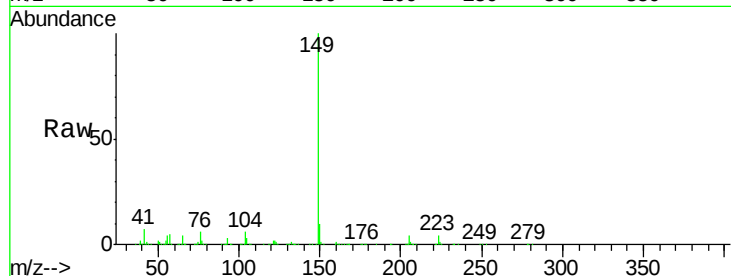
Tot Ion:149 Resp: 862597

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

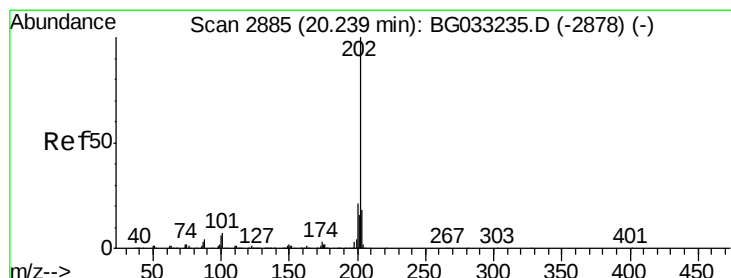
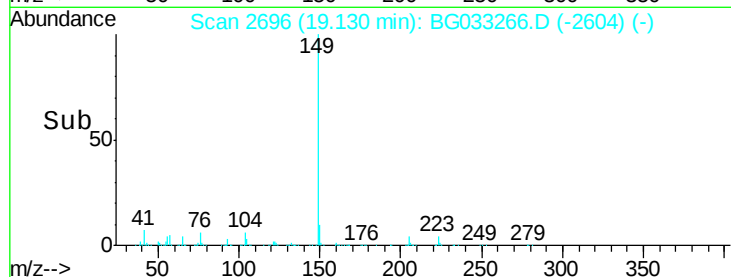
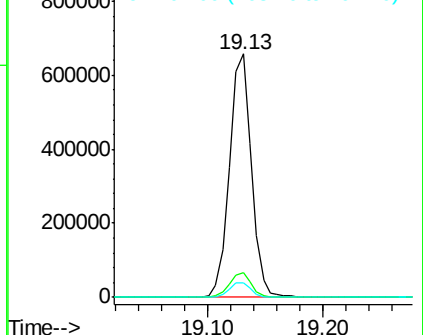
104 6.1 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.841 ng

RT: 20.24 min Scan# 2885

Delta R.T. 0.00 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

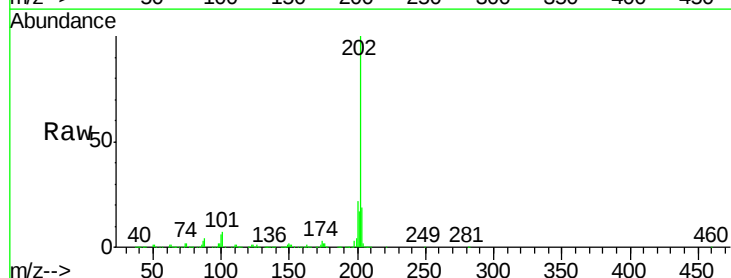
Tgt Ion:202 Resp: 1037008

Ion Ratio Lower Upper

202 100

101 6.8 0.0 28.9

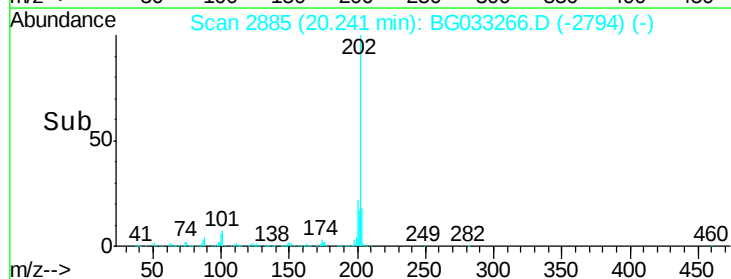
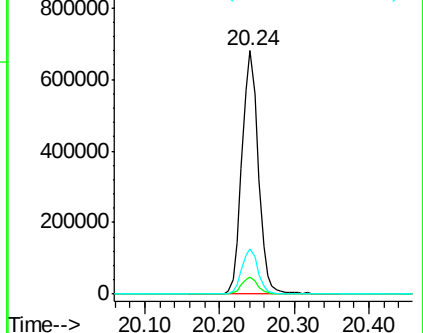
203 18.5 0.0 37.5

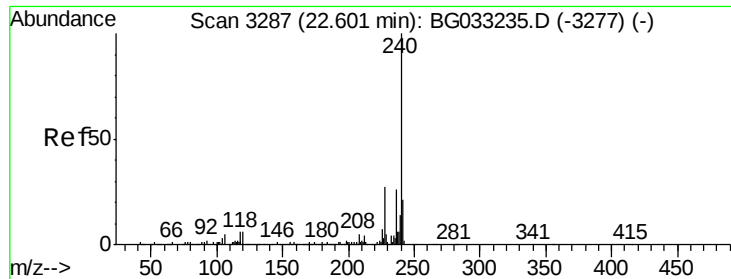


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.60 min Scan# 3287

Delta R.T. 0.00 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

Instrument :

BNA_G

ClientSampleId :

PB107389BS

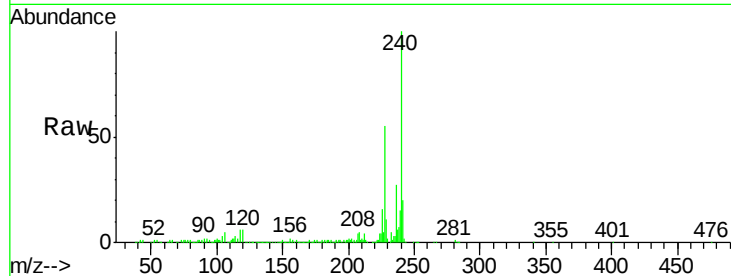
Tot Ion:240 Resp: 350129

Ion Ratio Lower Upper

240 100

120 6.0 6.8 10.2#

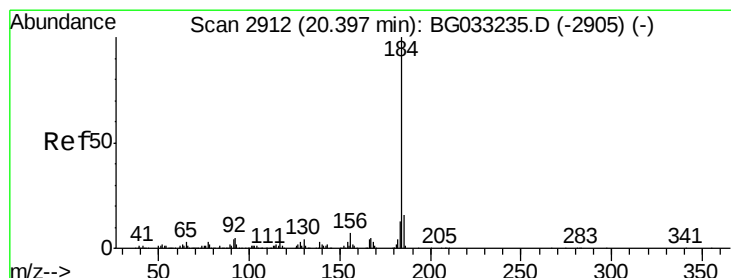
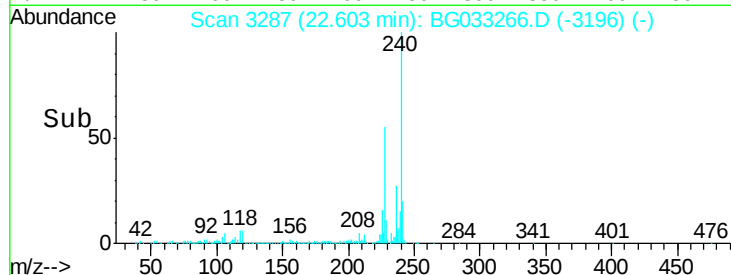
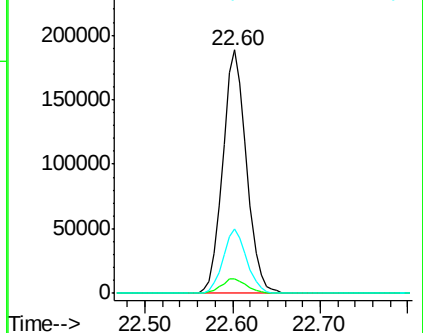
236 26.7 20.9 31.3



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: 23.172 ng

RT: 20.40 min Scan# 2912

Delta R.T. 0.00 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

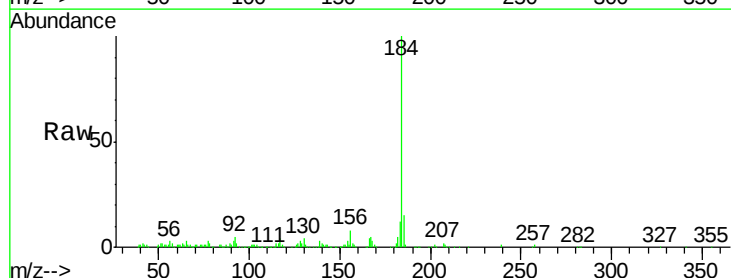
Tgt Ion:184 Resp: 220020

Ion Ratio Lower Upper

184 100

185 14.9 11.1 16.7

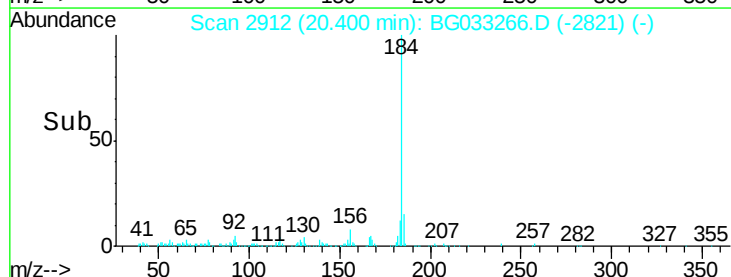
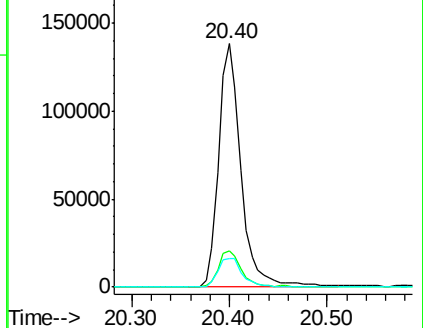
183 11.9 10.6 16.0

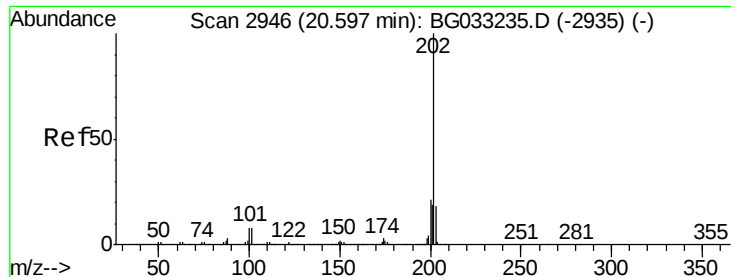


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.878 ng

RT: 20.60 min Scan# 2946

Delta R.T. 0.01 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

Instrument :

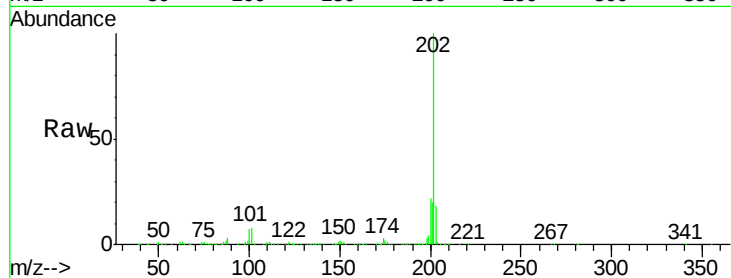
BNA_G

ClientSampleId :

PB107389BS

Tot Ion:202 Resp: 1024629

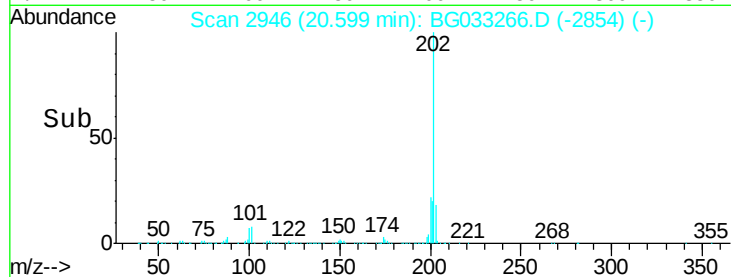
Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.9	25.3
203	18.3	13.9	20.9



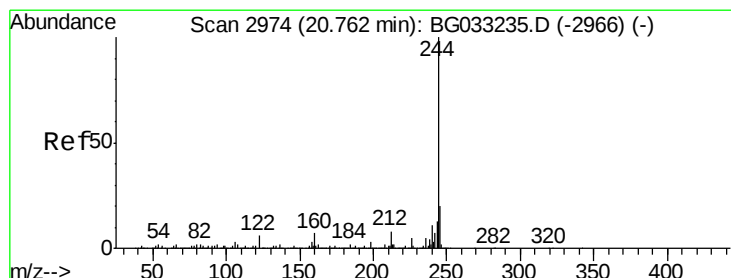
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 97.425 ng

RT: 20.76 min Scan# 2974

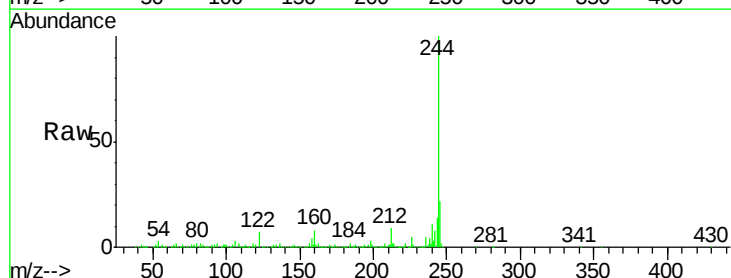
Delta R.T. 0.00 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

Tgt Ion:244 Resp: 1595025

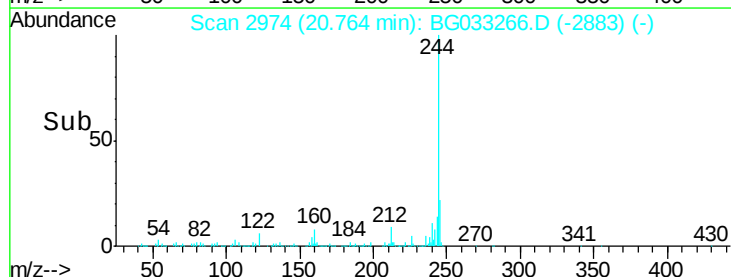
Ion	Ratio	Lower	Upper
244	100		
212	9.1	5.8	8.8#
122	6.7	7.0	10.4#



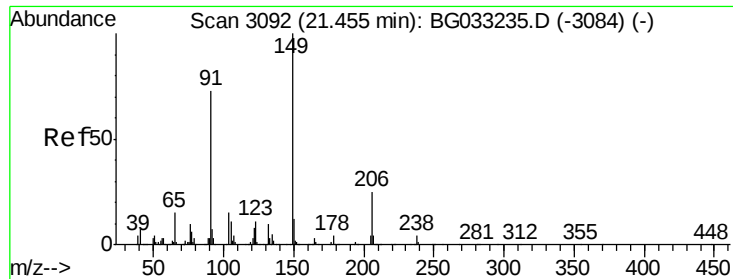
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



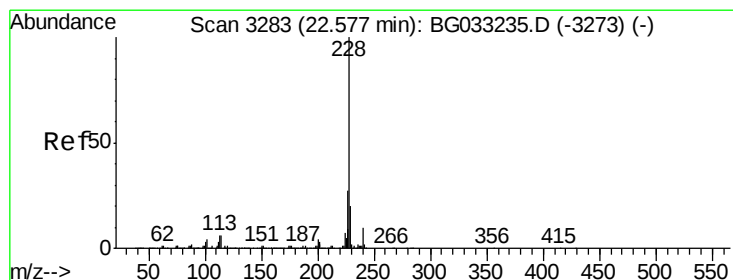
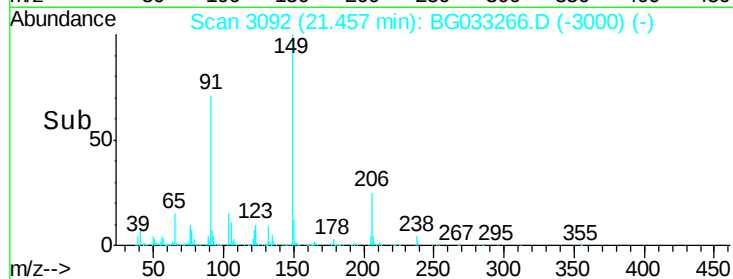
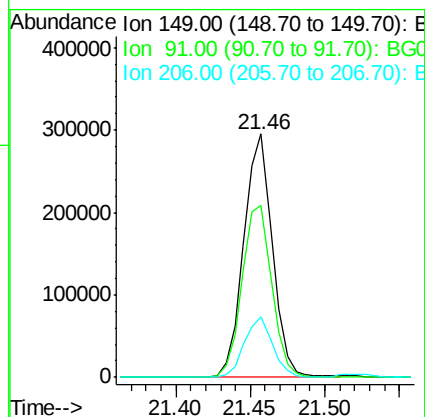
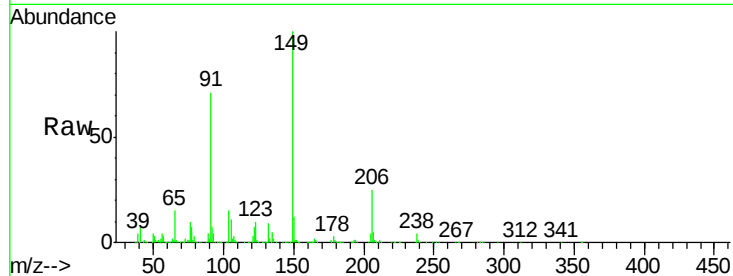
Time-->



#79
Butylbenzylphthalate
Concen: 45.578 ng
RT: 21.46 min Scan# 3092
Delta R.T. 0.01 min
Lab File: BG033266.D
Acq: 20 Mar 2018 11:22

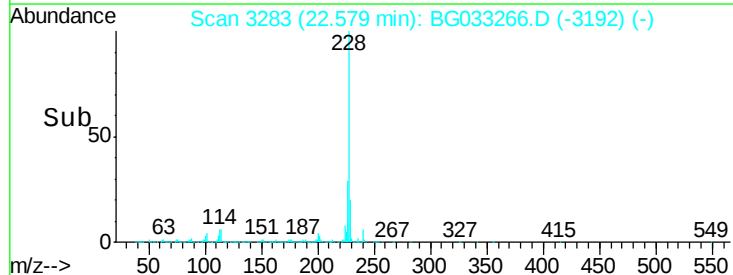
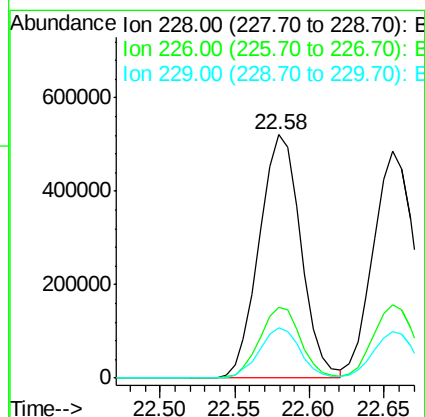
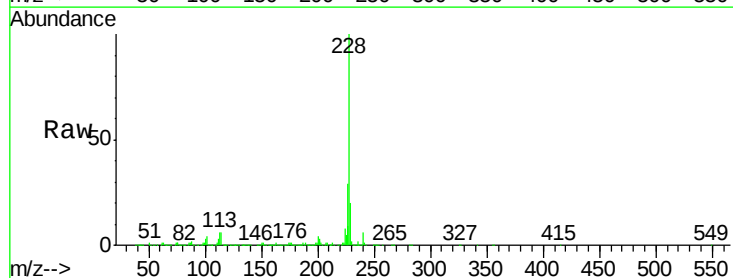
Instrument :
BNA_G
ClientSampleId :
PB107389BS

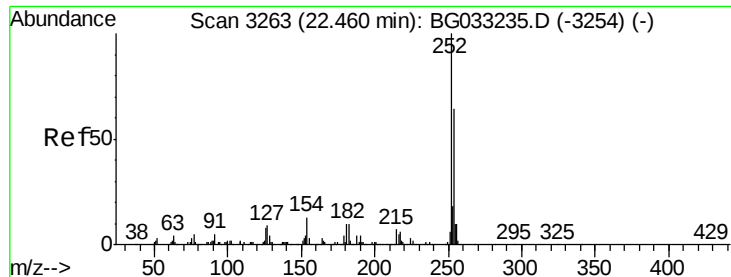
Tot Ion:149 Resp: 392753
Ion Ratio Lower Upper
149 100
91 70.6 62.2 93.2
206 25.1 18.6 27.8



#80
Benzo(a)anthracene
Concen: 45.286 ng
RT: 22.58 min Scan# 3283
Delta R.T. 0.00 min
Lab File: BG033266.D
Acq: 20 Mar 2018 11:22

Tgt Ion:228 Resp: 1009645
Ion Ratio Lower Upper
228 100
226 29.1 22.7 34.1
229 20.4 16.2 24.2

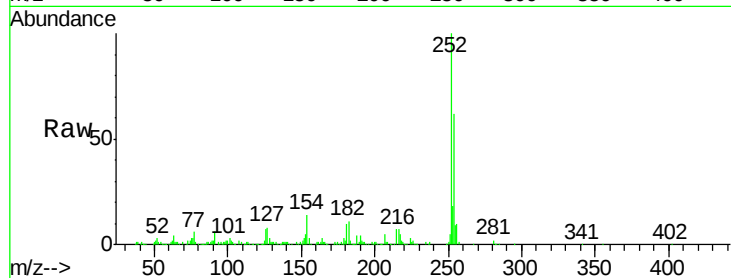




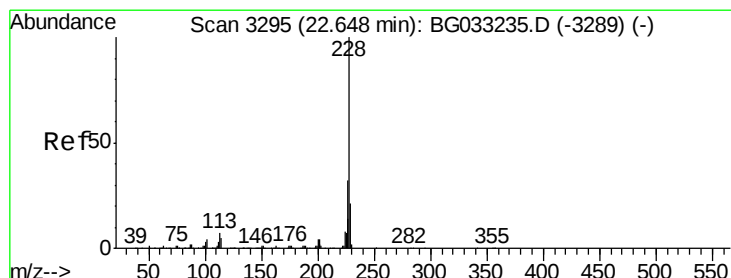
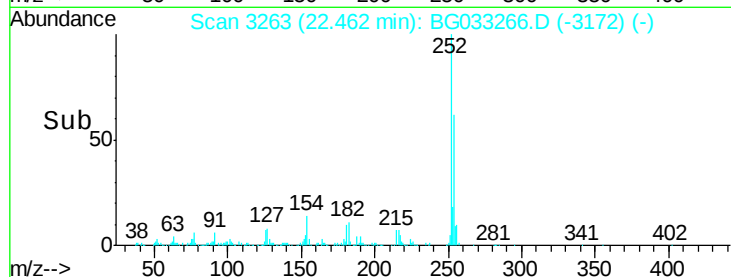
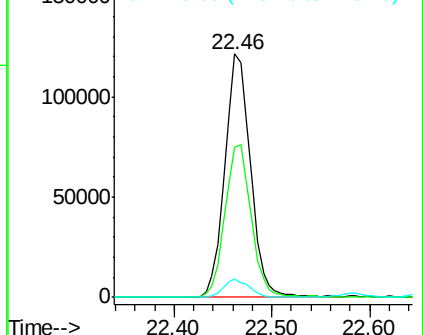
#81
 3,3'-Dichlorobenzidine
 Concen: 28.063 ng
 RT: 22.46 min Scan# 3263
 Delta R.T. 0.00 min
 Lab File: BG033266.D
 Acq: 20 Mar 2018 11:22

Instrument :
 BNA_G
 ClientSampleId :
 PB107389BS

Tot Ion:252 Resp: 222642
 Ion Ratio Lower Upper
 252 100
 254 61.6 50.8 76.2
 126 7.3 7.4 11.2#

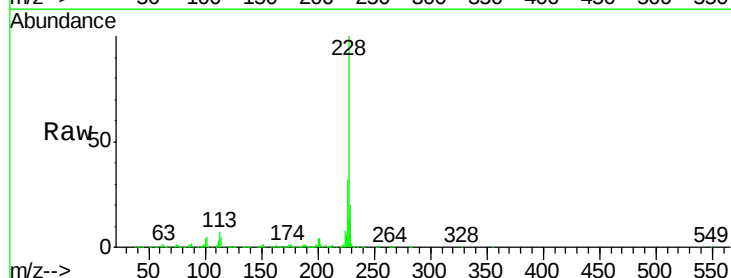


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

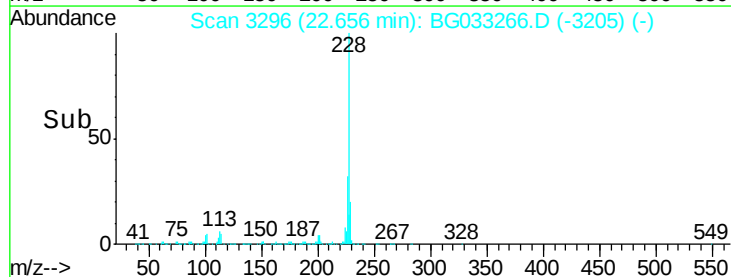
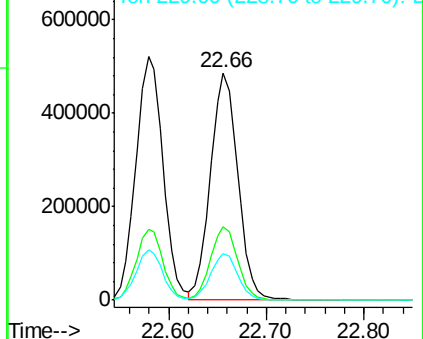


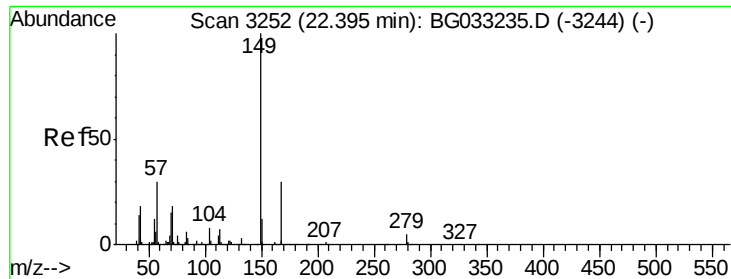
#82
 Chrysene
 Concen: 43.790 ng
 RT: 22.66 min Scan# 3296
 Delta R.T. 0.00 min
 Lab File: BG033266.D
 Acq: 20 Mar 2018 11:22

Tgt Ion:228 Resp: 945058
 Ion Ratio Lower Upper
 228 100
 226 32.4 24.9 37.3
 229 20.3 15.0 22.4



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

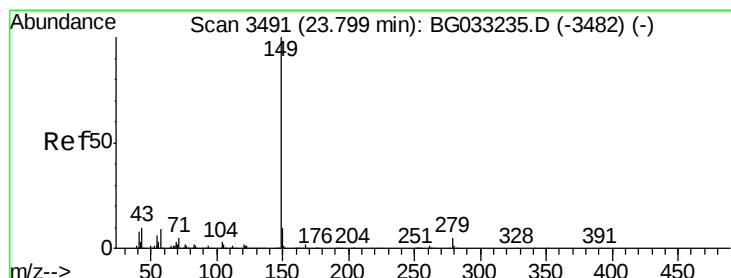
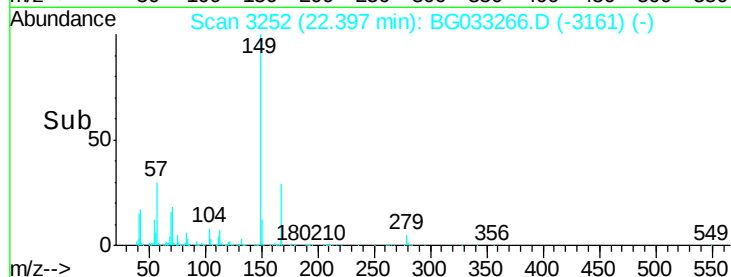
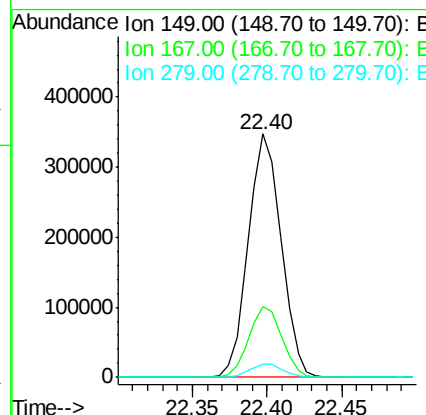
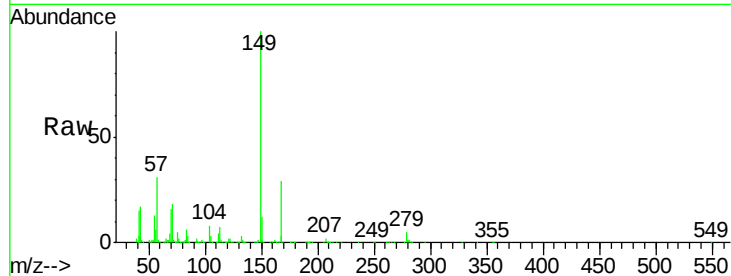




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.604 ng
 RT: 22.40 min Scan# 3252
 Delta R.T. 0.00 min
 Lab File: BG033266.D
 Acq: 20 Mar 2018 11:22

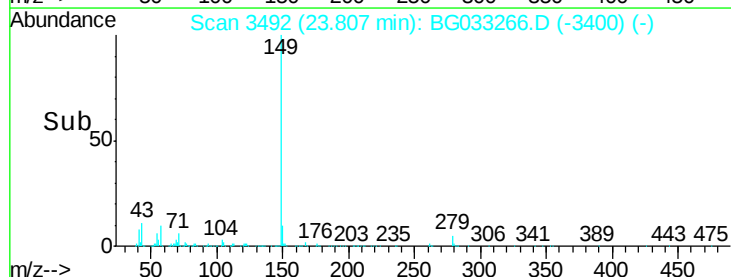
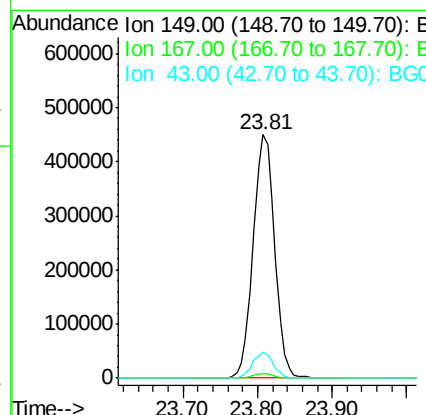
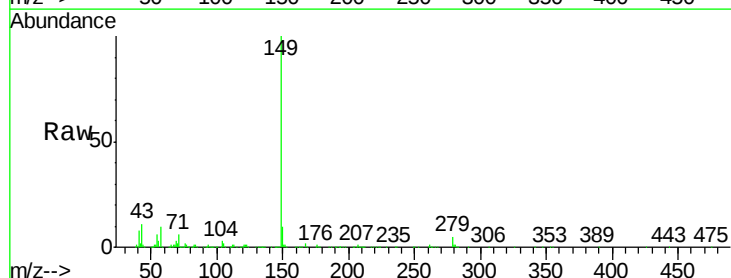
Instrument :
 BNA_G
 ClientSampleId :
 PB107389BS

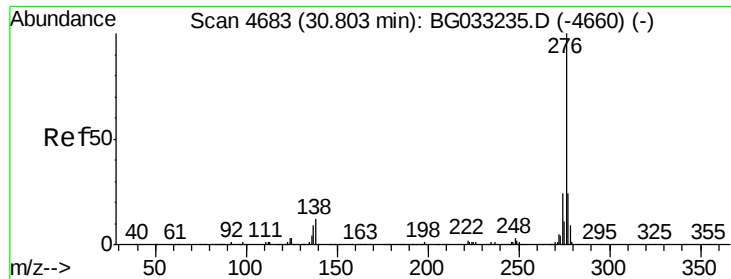
Tot Ion	Ratio	Lower	Upper
149	100		
167	29.0	24.3	36.5
279	5.2	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 49.428 ng
 RT: 23.81 min Scan# 3492
 Delta R.T. 0.01 min
 Lab File: BG033266.D
 Acq: 20 Mar 2018 11:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	10.4	8.9	13.3

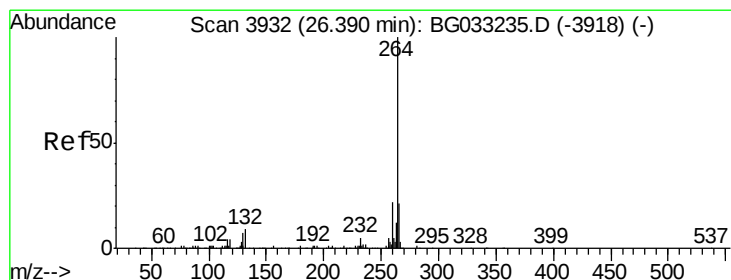
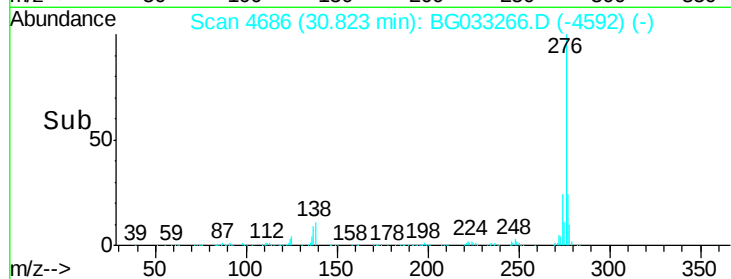
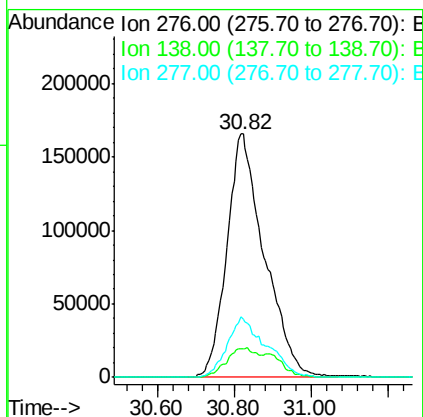
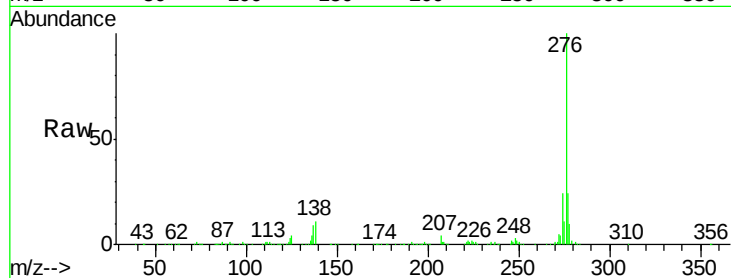




#85
Indeno(1,2,3-cd)pyrene
Concen: 48.121 ng
RT: 30.82 min Scan# 4686
Delta R.T. 0.02 min
Lab File: BG033266.D
Acq: 20 Mar 2018 11:22

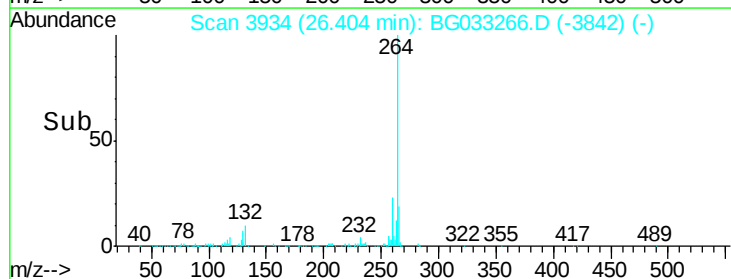
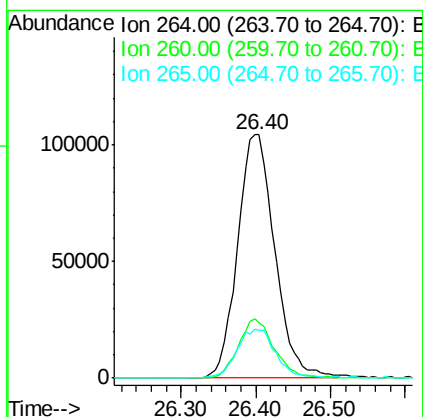
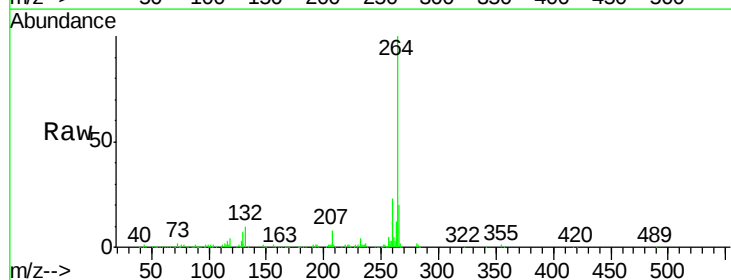
Instrument :
BNA_G
ClientSampleId :
PB107389BS

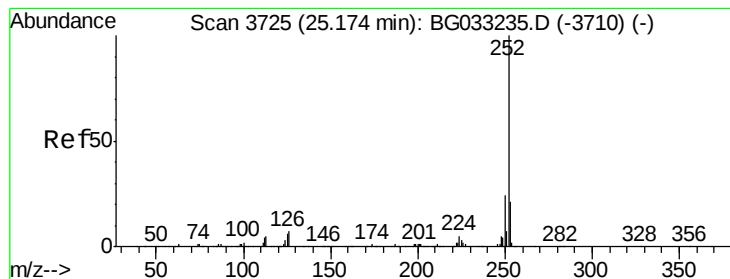
Tot Ion:276 Resp: 1122830
Ion Ratio Lower Upper
276 100
138 5.6 16.0 24.0#
277 25.8 20.0 30.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 26.40 min Scan# 3934
Delta R.T. 0.01 min
Lab File: BG033266.D
Acq: 20 Mar 2018 11:22

Tgt Ion:264 Resp: 361142
Ion Ratio Lower Upper
264 100
260 22.7 17.4 26.0
265 19.7 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 46.798 ng

RT: 25.18 min Scan# 3726

Delta R.T. 0.01 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

Instrument :

BNA_G

ClientSampleId :

PB107389BS

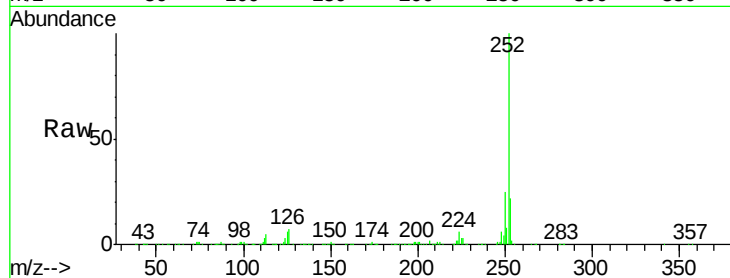
Tot Ion:252 Resp: 976432

Ion Ratio Lower Upper

252 100

253 21.6 18.2 27.4

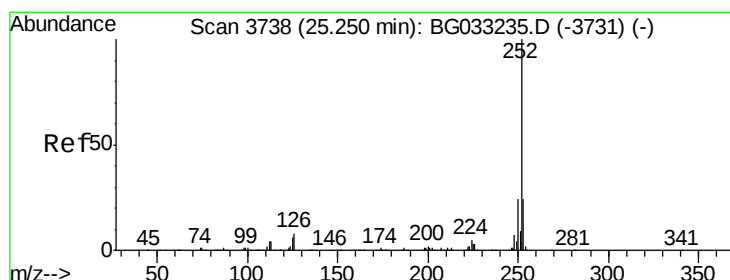
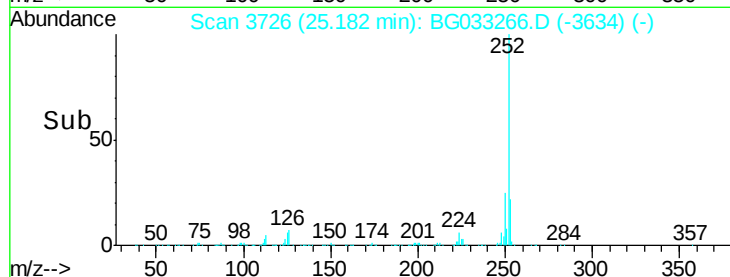
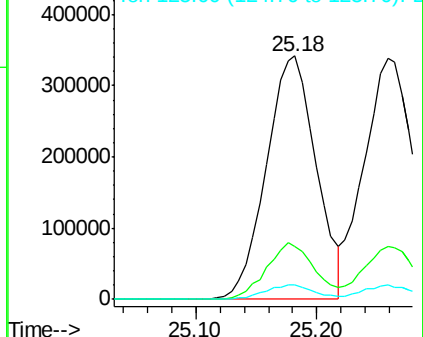
125 6.0 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 46.603 ng

RT: 25.26 min Scan# 3739

Delta R.T. 0.01 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

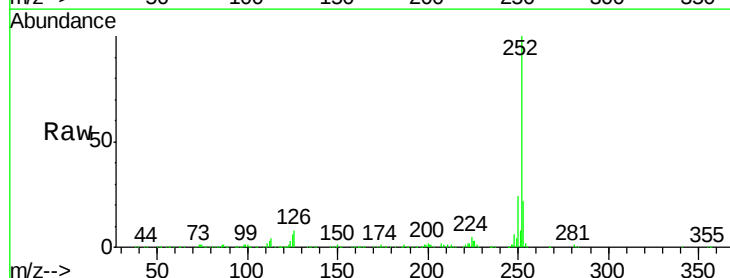
Tgt Ion:252 Resp: 983432

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

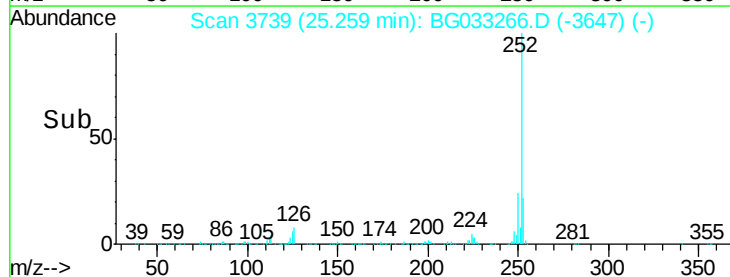
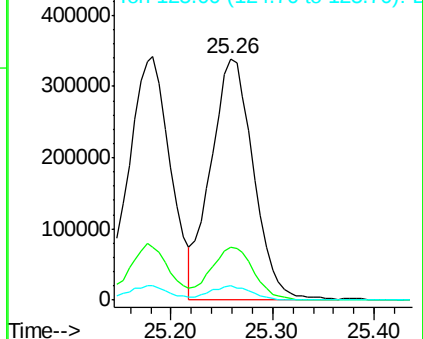
125 5.8 6.6 9.8#

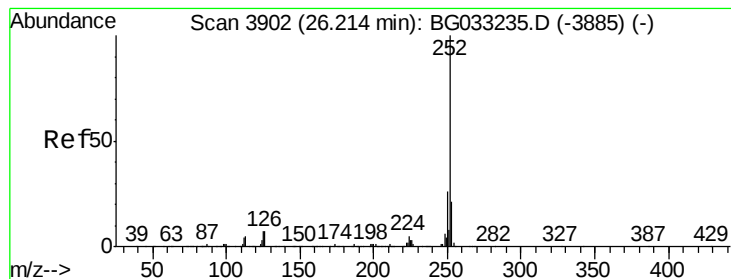


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 47.835 ng

RT: 26.22 min Scan# 3903

Delta R.T. 0.01 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

Instrument :

BNA_G

ClientSampleId :

PB107389BS

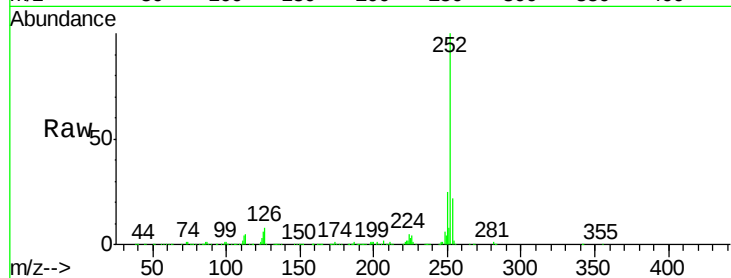
Tot Ion:252 Resp: 958485

Ion Ratio Lower Upper

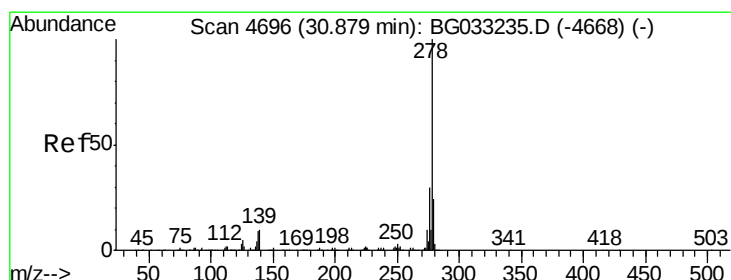
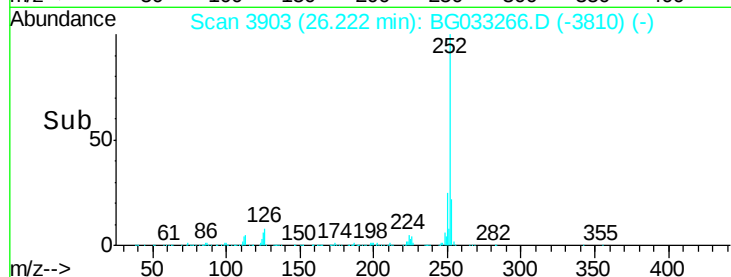
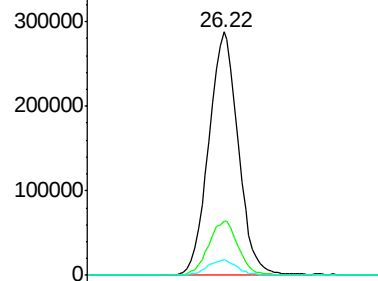
252 100

253 22.3 18.3 27.5

125 6.5 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: 49.626 ng

RT: 30.90 min Scan# 4699

Delta R.T. 0.02 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

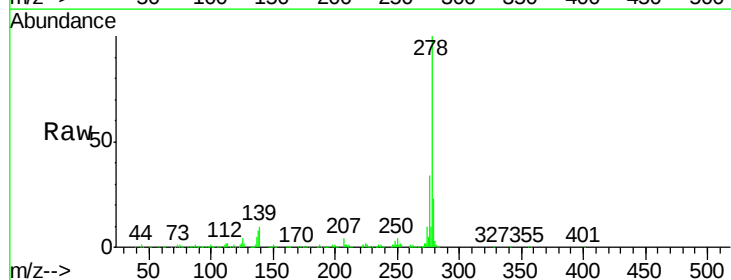
Tgt Ion:278 Resp: 936649

Ion Ratio Lower Upper

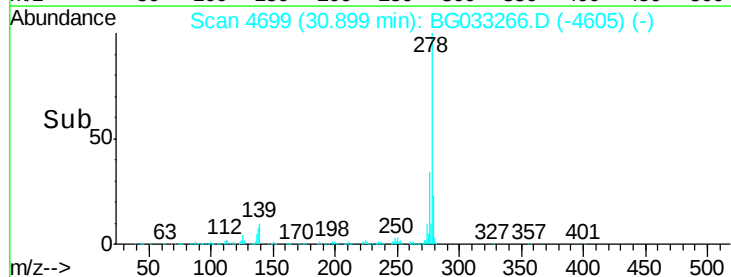
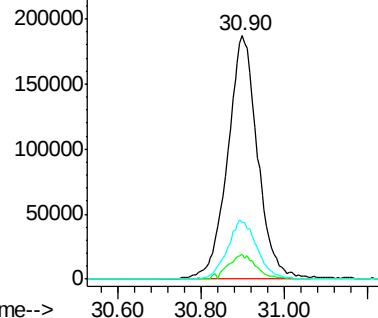
278 100

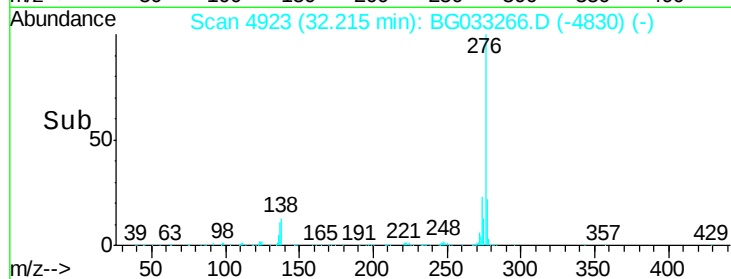
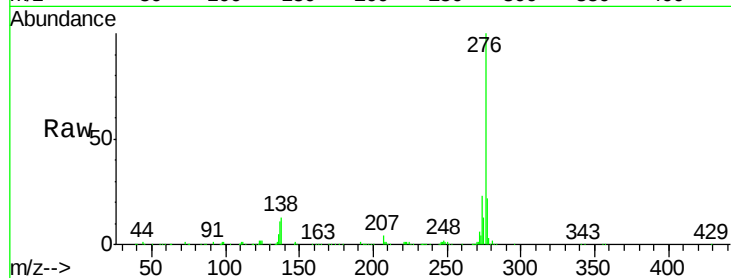
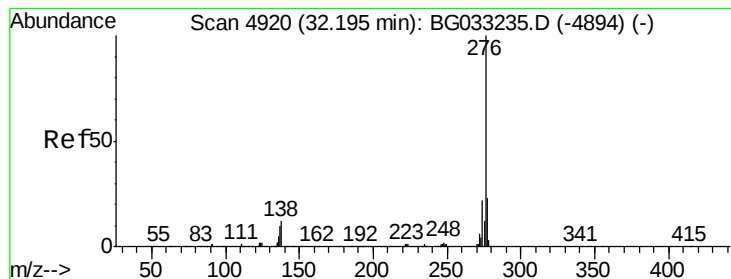
139 10.2 9.8 14.6

279 23.3 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 49.813 ng

RT: 32.22 min Scan# 4923

Delta R.T. 0.01 min

Lab File: BG033266.D

Acq: 20 Mar 2018 11:22

Instrument :

BNA_G

ClientSampleId :

PB107389BS

Tot Ion:276 Resp: 931013

Ion Ratio Lower Upper

276 100

277 22.2 18.3 27.5

138 12.5 13.9 20.9#

