

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032618\
 Data File : BG033346.D
 Acq On : 27 Mar 2018 1:32
 Operator : SJ/JU
 Sample : J1748-08MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 27 07:51:21 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 15:11:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	45665	20.00	ng	-0.03
21) Naphthalene-d8	11.75	136	185893	20.00	ng	-0.03
38) Acenaphthene-d10	15.49	164	142678	20.00	ng	-0.03
63) Phenanthrene-d10	18.21	188	373237	20.00	ng	-0.03
75) Chrysene-d12	22.56	240	392549	20.00	ng	-0.04
86) Perylene-d12	26.32	264	431320	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	6.29	112	366292	150.41	ng	-0.02
7) Phenol-d6	7.98	99	507703	121.33	ng	-0.02
23) Nitrobenzene-d5	10.07	82	403033	99.61	ng	-0.03
41) 2,4,6-Tribromophenol	16.96	330	285330	133.71	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	975803	98.73	ng	-0.03
78) Terphenyl-d14	20.73	244	1636023	89.13	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.94	88	46710	37.769	ng	# 86
3) Pyridine	4.40	79	119784	35.037	ng	93
4) n-Nitrosodimethylamine	4.30	42	65800	46.899	ng	# 88
6) Aniline	8.16	93	47415	9.636	ng	# 89
8) 2-Chlorophenol	8.41	128	133166	47.831	ng	93
9) Benzaldehyde	7.96	77	31241	11.748	ng	91
10) Phenol	8.00	94	168984	40.904	ng	93
11) bis(2-Chloroethyl)ether	8.25	93	145341	43.101	ng	96
12) 1,3-Dichlorobenzene	8.75	146	153353	42.131	ng	96
13) 1,4-Dichlorobenzene	8.90	146	152824	41.924	ng	96
14) 1,2-Dichlorobenzene	9.23	146	154692	43.480	ng	95
15) Benzyl Alcohol	9.10	79	162220	49.240	ng	95
16) 2,2'-oxybis(1-Chloropropan	9.39	45	221721	40.334	ng	89
17) 2-Methylphenol	9.30	107	115490	41.036	ng	# 92
18) Hexachloroethane	9.99	117	61104	43.431	ng	# 84
19) n-Nitroso-di-n-propylamine	9.67	70	131782	42.980	ng	96
20) 3+4-Methylphenols	9.63	107	160825	40.135	ng	94
22) Acetophenone	9.71	105	231567	45.469	ng	# 96
24) Nitrobenzene	10.11	77	199491	46.064	ng	95
25) Isophorone	10.63	82	378717	48.227	ng	96
26) 2-Nitrophenol	10.84	139	75870	46.273	ng	# 82
27) 2,4-Dimethylphenol	10.87	122	128657	54.015	ng	86
28) bis(2-Chloroethoxy)methane	11.11	93	198851	50.751	ng	96
29) 2,4-Dichlorophenol	11.38	162	152644	52.111	ng	97
30) 1,2,4-Trichlorobenzene	11.60	180	173895	45.692	ng	95
31) Naphthalene	11.80	128	463080	48.072	ng	98
32) Benzoic acid	10.97	122	26269	11.864	ng	# 83
33) 4-Chloroaniline	11.90	127	25309	5.864	ng	# 94
34) Hexachlorobutadiene	12.06	225	130402	45.310	ng	95
35) Caprolactam	12.64	113	40704	35.470	ng	92
36) 4-Chloro-3-methylphenol	12.96	107	175833	46.024	ng	97
37) 2-Methylnaphthalene	13.35	142	343842	45.987	ng	# 86
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	230353	44.571	ng	98
40) Hexachlorocyclopentadiene	13.68	237	260684	86.042	ng	93

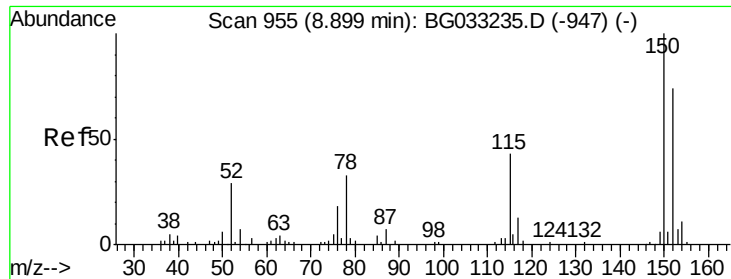
Data Path : Z:\HPCHEM1\BNA G\DATA\BG032618\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 15:11:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	139423	46.432	ng	96
43) 2,4,5-Trichlorophenol	14.01	196	159520	44.945	ng	98
45) 1,1'-Biphenyl	14.33	154	482368	44.005	ng	95
46) 2-Chloronaphthalene	14.38	162	376282	44.520	ng	98
47) 2-Nitroaniline	14.57	65	140589	44.410	ng	95
48) Acenaphthylene	15.21	152	606827	43.013	ng	99
49) Dimethylphthalate	14.91	163	530072	42.690	ng	100
50) 2,6-Dinitrotoluene	15.04	165	118593	46.710	ng	95
51) Acenaphthene	15.55	154	392170	43.121	ng	97
52) 3-Nitroaniline	15.38	138	36162	13.586	ng	# 90
53) 2,4-Dinitrophenol	15.58	184	45893	39.213	ng	93
54) Dibenzofuran	15.88	168	602182	44.826	ng	94
55) 4-Nitrophenol	15.66	139	143879	76.871	ng	# 86
56) 2,4-Dinitrotoluene	15.82	165	161842	43.293	ng	91
57) Fluorene	16.52	166	496636	43.395	ng	99
58) 2,3,4,6-Tetrachlorophenol	16.09	232	151027	45.200	ng	# 96
59) Diethylphthalate	16.25	149	514038	42.634	ng	96
60) 4-Chlorophenyl-phenylether	16.49	204	285743	43.434	ng	98
61) 4-Nitroaniline	16.54	138	94858	35.191	ng	86
62) Azobenzene	16.79	77	491043	42.043	ng	97
64) 4,6-Dinitro-2-methylphenol	16.58	198	61349	27.476	ng	96
65) n-Nitrosodiphenylamine	16.71	169	452504	42.467	ng	98
66) 4-Bromophenyl-phenylether	17.39	248	192297	43.870	ng	98
67) Hexachlorobenzene	17.52	284	197770	42.752	ng	96
68) Atrazine	17.62	200	186355	43.160	ng	98
69) Pentachlorophenol	17.85	266	210249	66.219	ng	98
70) Phenanthrene	18.26	178	820540	42.213	ng	99
71) Anthracene	18.35	178	844477	42.907	ng	98
72) Carbazole	18.61	167	720279	41.299	ng	97
73) Di-n-butylphthalate	19.10	149	860712	42.399	ng	# 98
74) Fluoranthene	20.21	202	1018625	42.347	ng	96
76) Benzidine	20.37	184	43336	4.071	ng	97
77) Pyrene	20.57	202	1016652	38.832	ng	98
79) Butylbenzylphthalate	21.42	149	393670	40.747	ng	96
80) Benzo(a)anthracene	22.54	228	1032380	41.302	ng	98
81) 3,3'-Dichlorobenzidine	22.42	252	135896	15.278	ng	# 92
82) Chrysene	22.61	228	976622	40.363	ng	96
83) Bis(2-ethylhexyl)phthalate	22.35	149	547394	41.101	ng	97
84) Di-n-octyl phthalate	23.75	149	954298	46.799	ng	96
85) Indeno(1,2,3-cd)pyrene	30.70	276	1198070	45.797	ng	# 90
87) Benzo(b)fluoranthene	25.12	252	1031062	41.376	ng	# 96
88) Benzo(k)fluoranthene	25.19	252	1042978	41.383	ng	# 96
89) Benzo(a)pyrene	26.14	252	1017175	42.505	ng	# 97
90) Dibenzo(a,h)anthracene	30.78	278	1004177	44.547	ng	# 95
91) Benzo(g,h,i)perylene	32.08	276	950030	42.561	ng	# 94

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

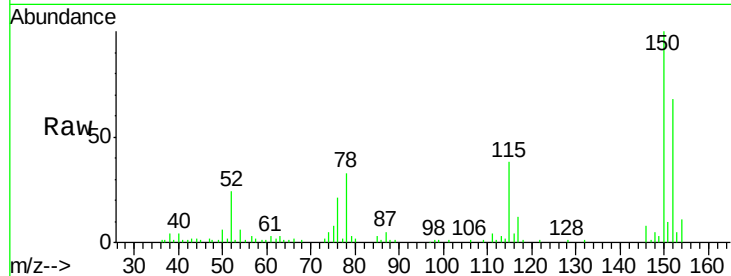


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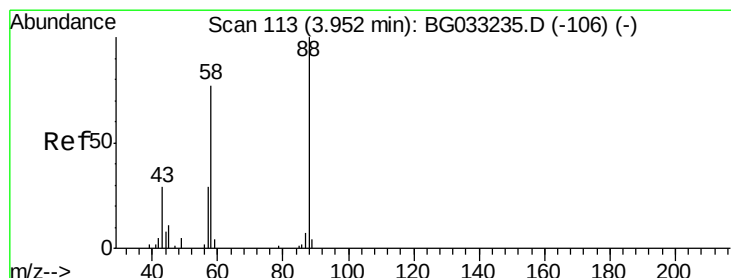
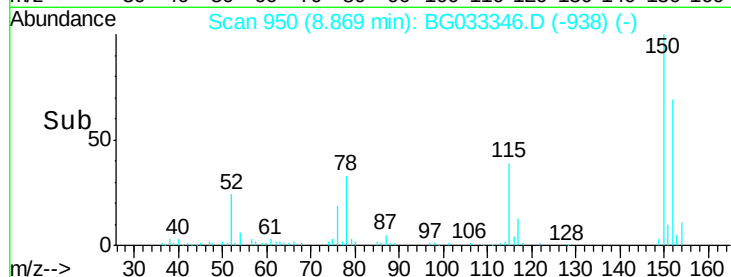
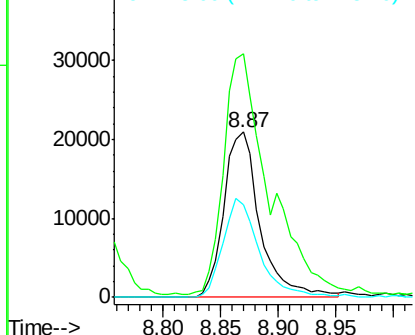
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.03 min
Lab File: BG033346.D
Acq: 27 Mar 2018 1:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 45665
Ion Ratio Lower Upper
152 100
150 147.4 126.6 189.8
115 56.3 53.0 79.4



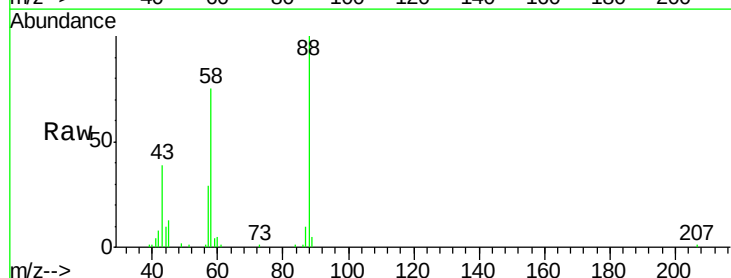
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



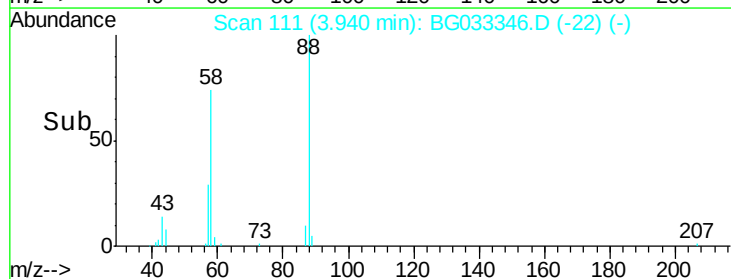
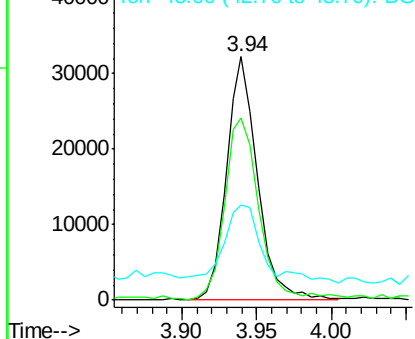
#2

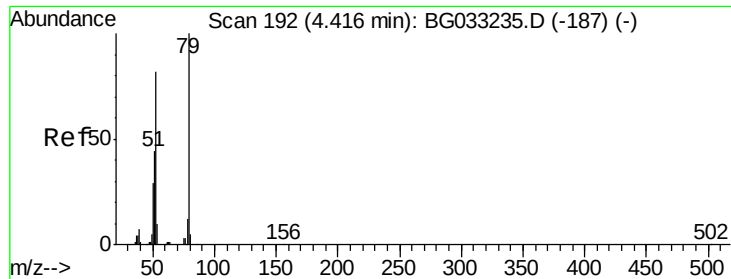
1,4-Dioxane
Concen: 37.769 ng
RT: 3.94 min Scan# 111
Delta R.T. -0.01 min
Lab File: BG033346.D
Acq: 27 Mar 2018 1:32

Tgt Ion: 88 Resp: 46710
Ion Ratio Lower Upper
88 100
58 85.4 79.6 119.4
43 41.1 27.4 41.0#



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





#3

Pvridine

Concen: 35.037 ng

RT: 4.40 min Scan# 190

Delta R.T. -0.01 min

Lab File: BG033346.D

Acq: 27 Mar 2018 1:32

Instrument :

BNA_G

ClientSampleId :

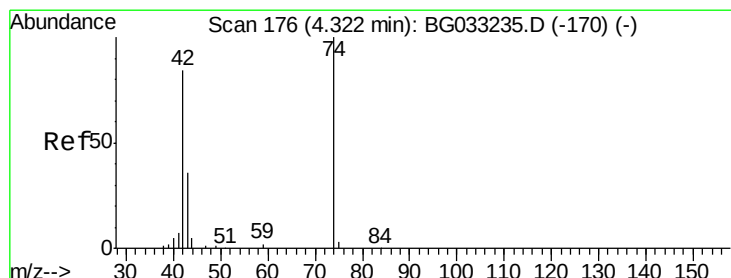
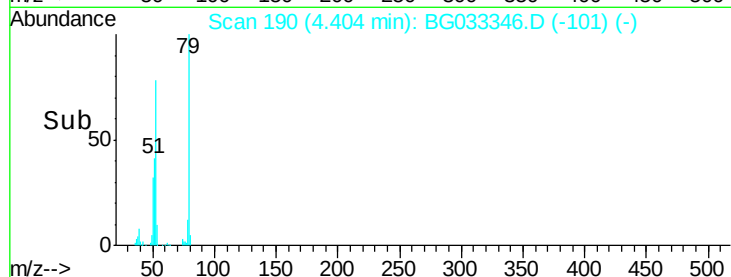
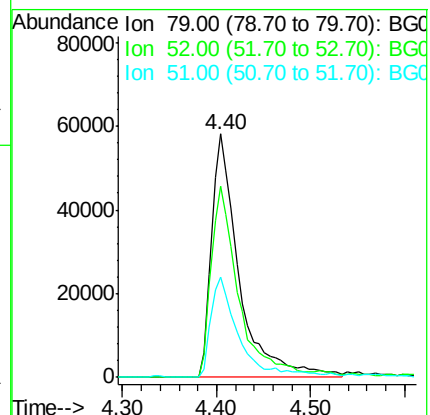
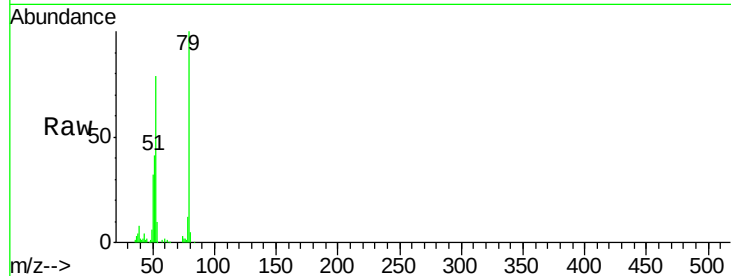
Tot Ion: 79 Resp: 119784

Ion Ratio Lower Upper

79 100

52 78.7 69.9 104.9

51 41.1 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 46.899 ng

RT: 4.30 min Scan# 173

Delta R.T. -0.02 min

Lab File: BG033346.D

Acq: 27 Mar 2018 1:32

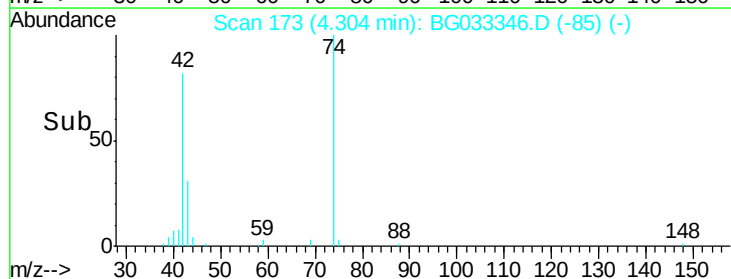
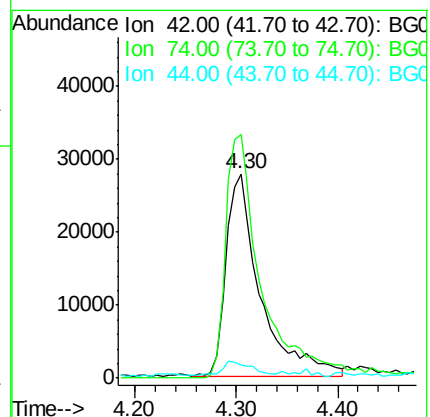
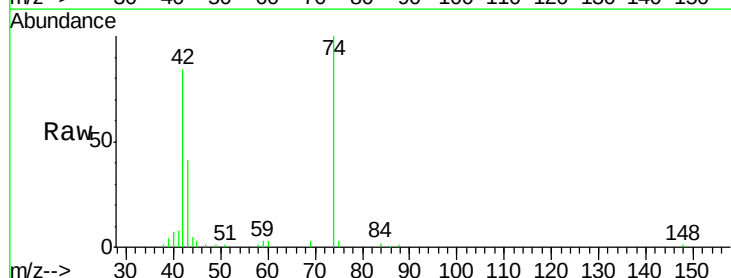
Tgt Ion: 42 Resp: 65800

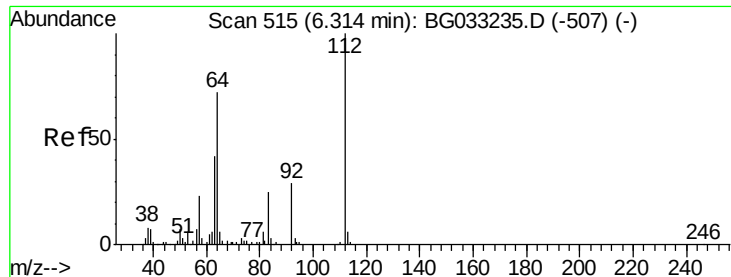
Ion Ratio Lower Upper

42 100

74 119.2 102.5 153.7

44 6.4 18.9 28.3#





#5

2-Fluorophenol

Concen: 150.409 ng

RT: 6.29 min Scan# 511

Delta R.T. -0.02 min

Lab File: BG033346.D

Acq: 27 Mar 2018 1:32

Instrument :

BNA_G

ClientSampleId :

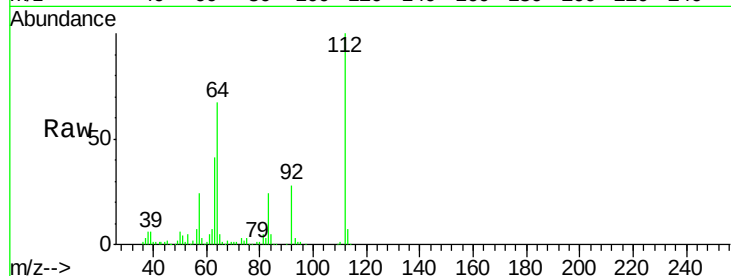
Tot Ion:112 Resp: 366292

Ion Ratio Lower Upper

112 100

64 67.0 56.3 84.5

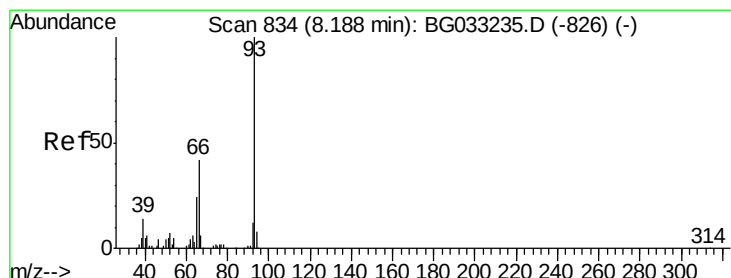
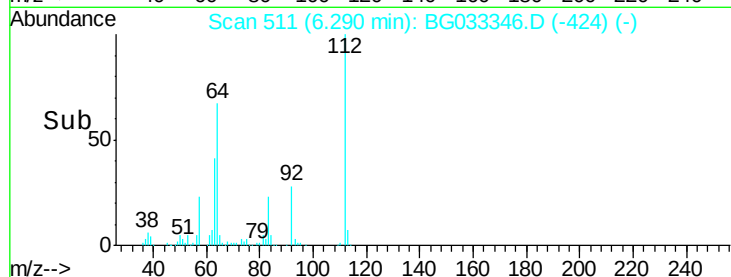
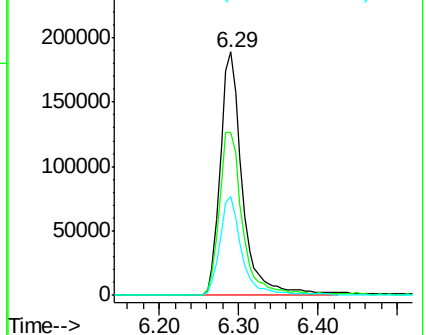
63 40.7 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 9.636 ng

RT: 8.16 min Scan# 830

Delta R.T. -0.02 min

Lab File: BG033346.D

Acq: 27 Mar 2018 1:32

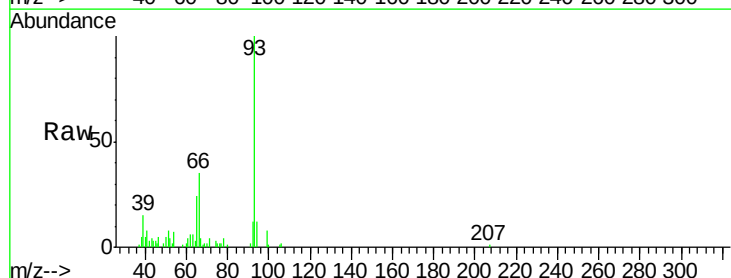
Tgt Ion: 93 Resp: 47415

Ion Ratio Lower Upper

93 100

66 34.8 33.7 50.5

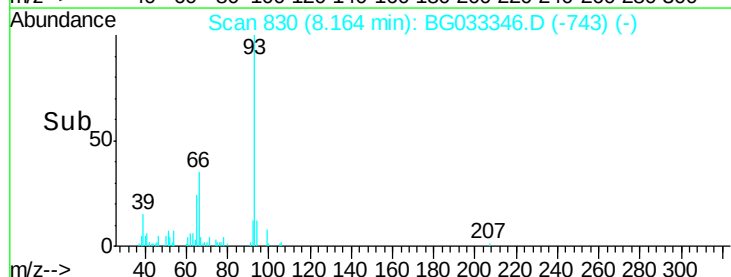
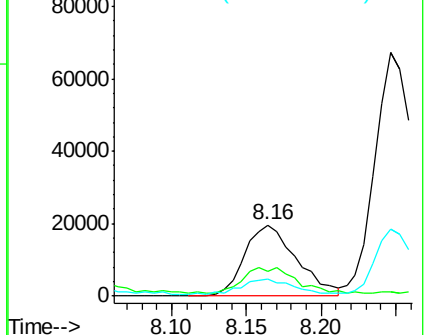
65 24.2 16.1 24.1#

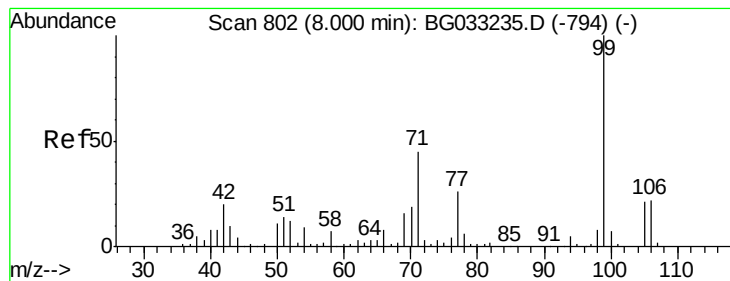


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 121.333 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.02 min

Lab File: BG033346.D

Acq: 27 Mar 2018 1:32

Instrument :

BNA_G

ClientSampleId :

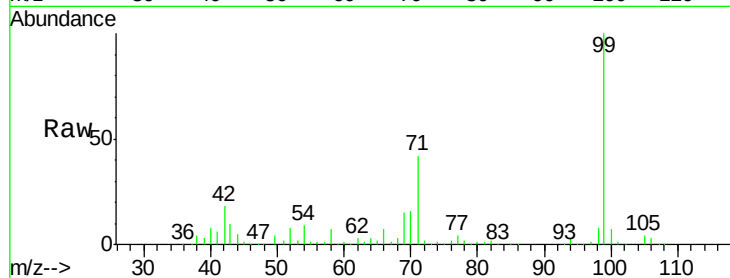
Tot Ion: 99 Resp: 507703

Ion Ratio Lower Upper

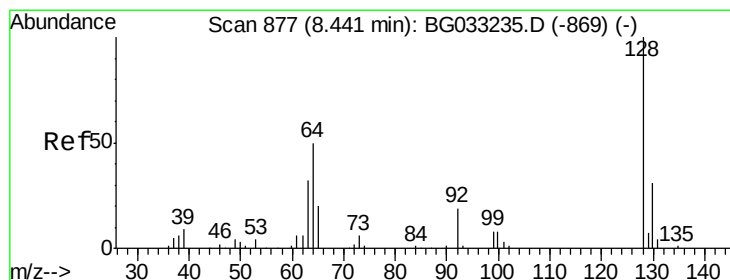
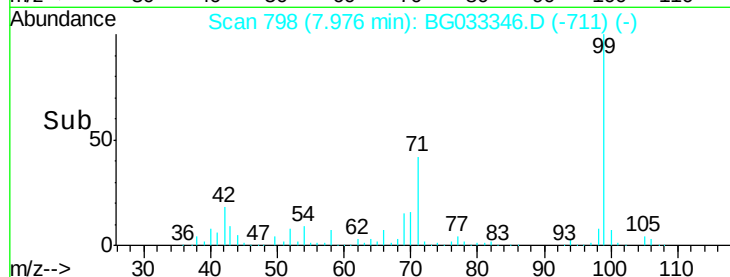
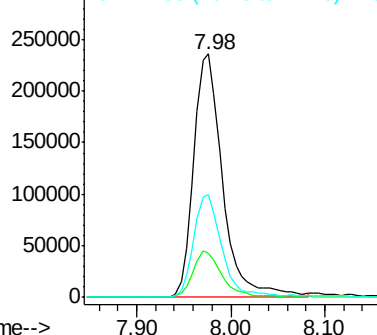
99 100

42 18.2 14.1 21.1

71 42.0 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: 47.831 ng

RT: 8.41 min Scan# 872

Delta R.T. -0.02 min

Lab File: BG033346.D

Acq: 27 Mar 2018 1:32

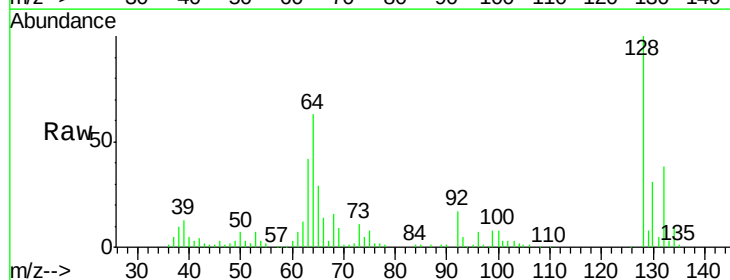
Tgt Ion:128 Resp: 133166

Ion Ratio Lower Upper

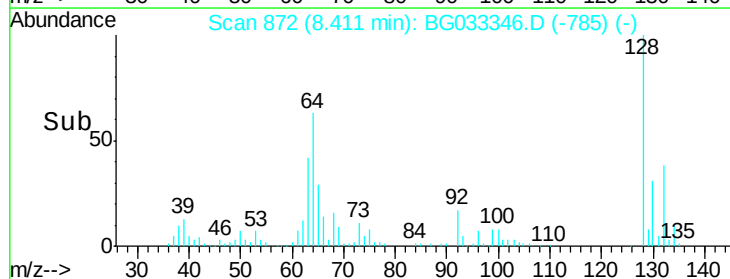
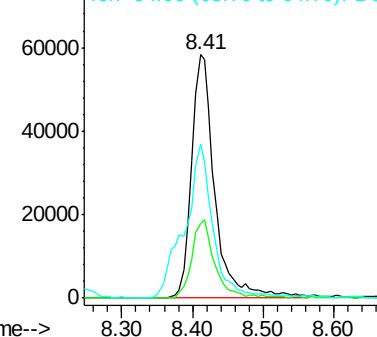
128 100

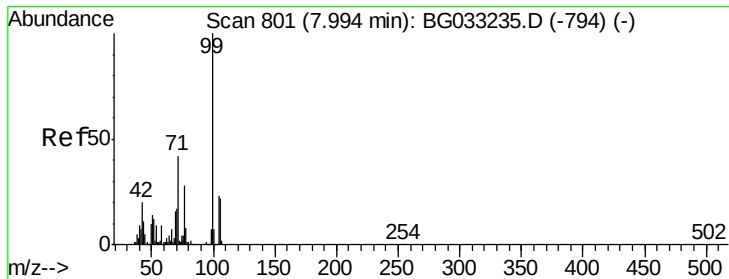
130 30.7 14.0 54.0

64 63.1 37.7 77.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 11.748 ng

RT: 7.96 min Scan# 796

Delta R.T. -0.03 min

Lab File: BG033346.D

Acq: 27 Mar 2018 1:32

Instrument :

BNA_G

ClientSampled :

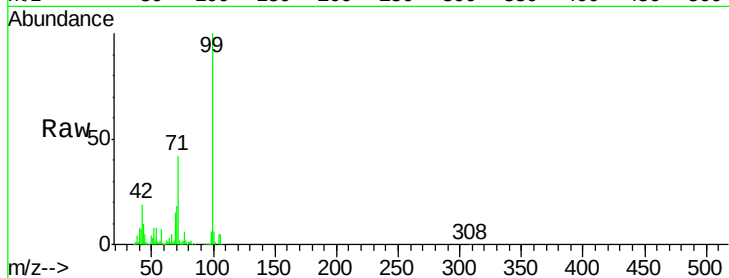
Tot Ion: 77 Resp: 31241

Ion Ratio Lower Upper

77 100

105 82.0 71.3 111.3

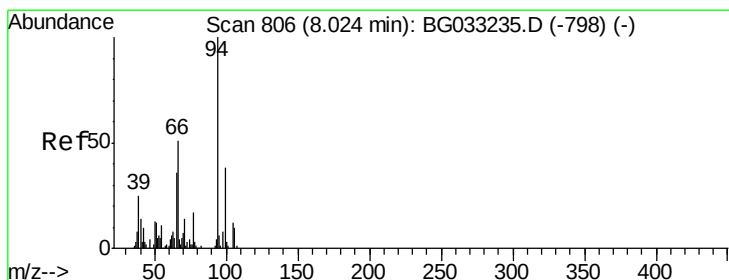
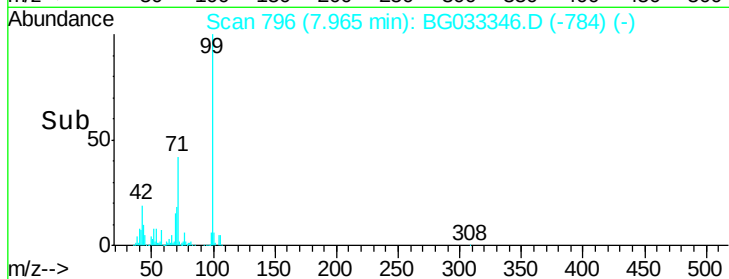
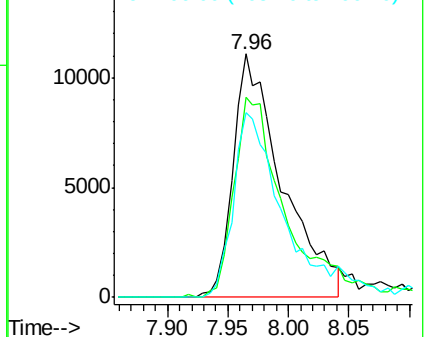
106 75.9 64.2 104.2



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: 40.904 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.02 min

Lab File: BG033346.D

Acq: 27 Mar 2018 1:32

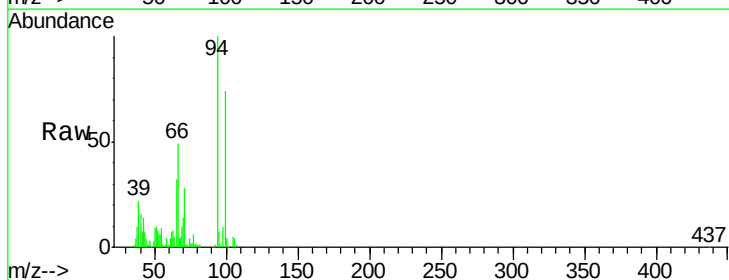
Tgt Ion: 94 Resp: 168984

Ion Ratio Lower Upper

94 100

65 32.1 11.9 51.9

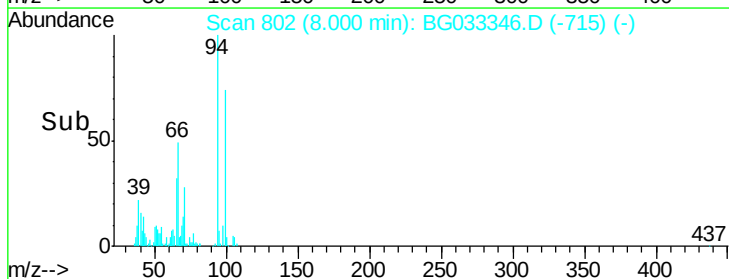
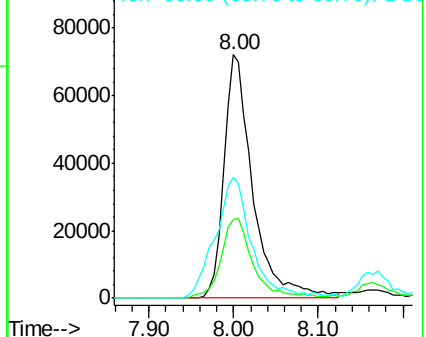
66 49.4 22.2 62.2

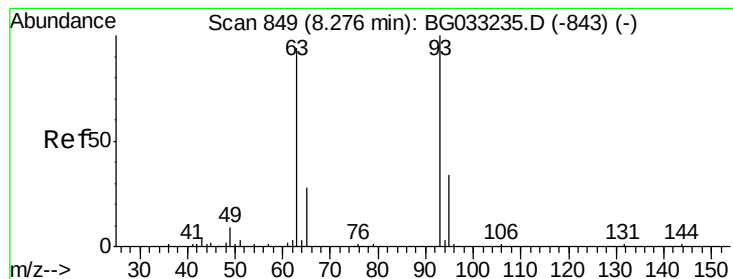


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 43.101 ng

RT: 8.25 min Scan# 844

Delta R.T. -0.03 min

Lab File: BG033346.D

Acq: 27 Mar 2018 1:32

Instrument :

BNA_G

ClientSampled :

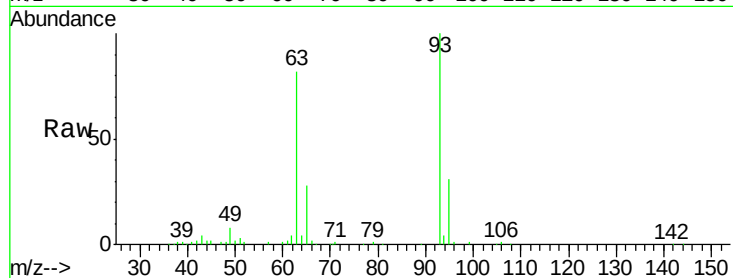
Tot Ion: 93 Resp: 145341

Ion Ratio Lower Upper

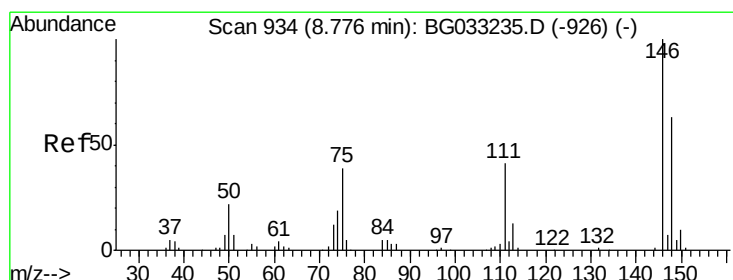
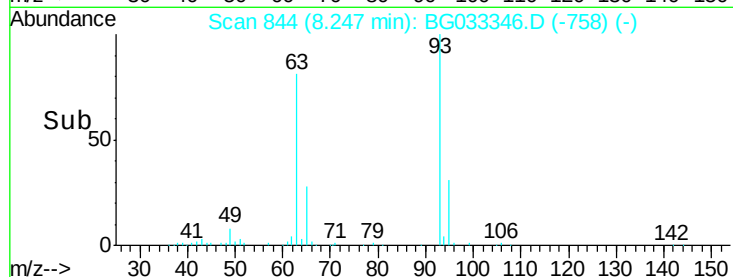
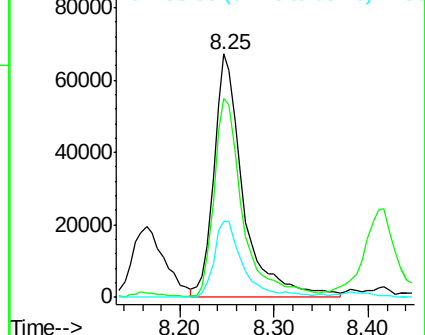
93 100

63 81.7 67.1 107.1

95 31.2 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: 42.131 ng

RT: 8.75 min Scan# 930

Delta R.T. -0.03 min

Lab File: BG033346.D

Acq: 27 Mar 2018 1:32

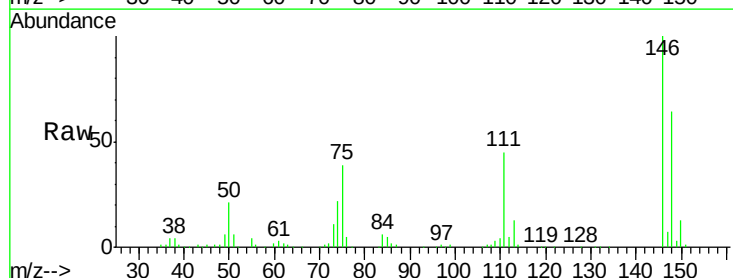
Tgt Ion: 146 Resp: 153353

Ion Ratio Lower Upper

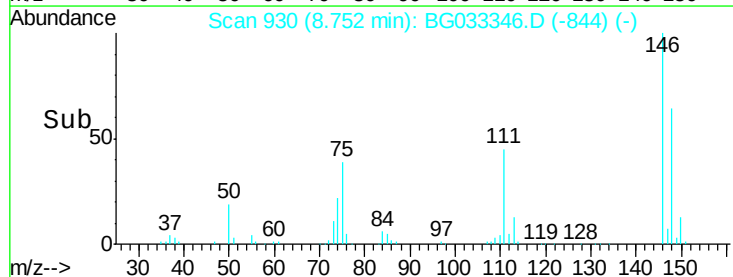
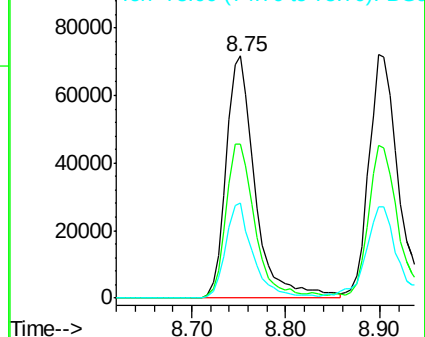
146 100

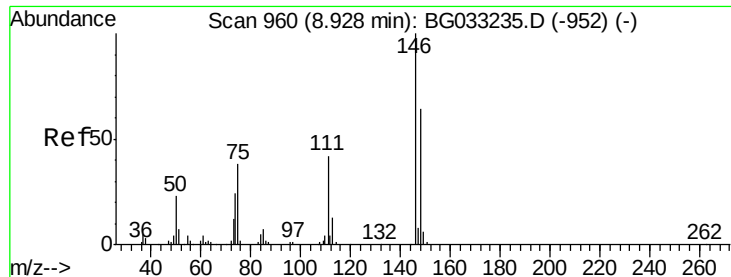
148 63.8 51.4 77.2

75 39.2 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

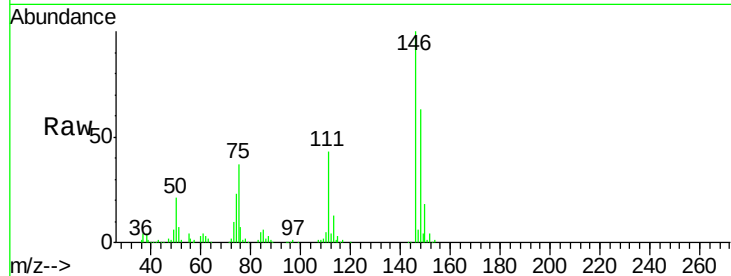




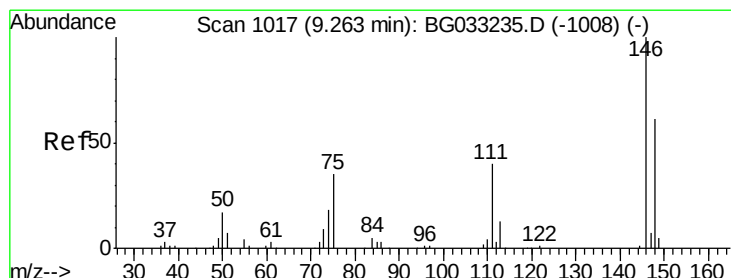
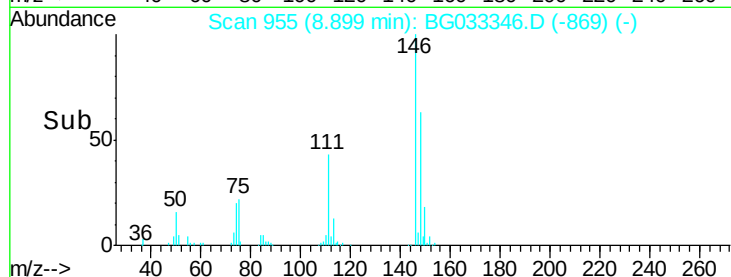
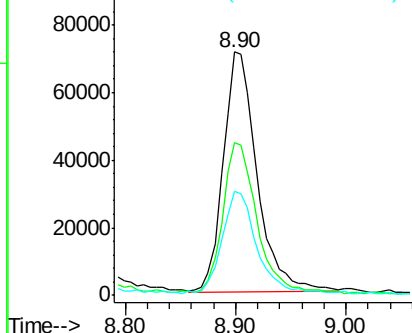
#13
1,4-Dichlorobenzene
Concen: 41.924 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.03 min
Lab File: BG033346.D
Acq: 27 Mar 2018 1:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:146 Resp: 152824
Ion Ratio Lower Upper
146 100
148 62.9 53.7 80.5
111 42.8 35.2 52.8

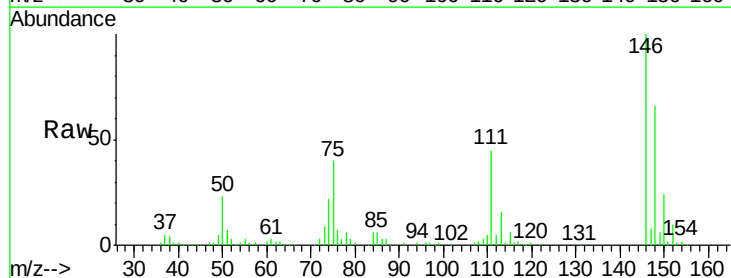


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

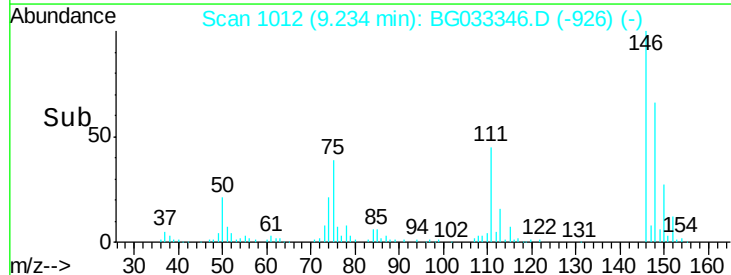
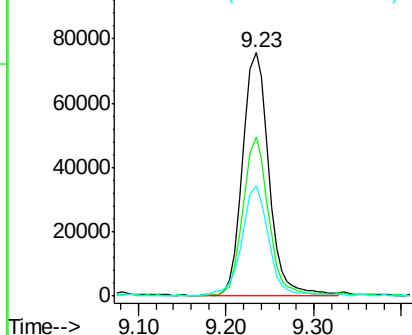


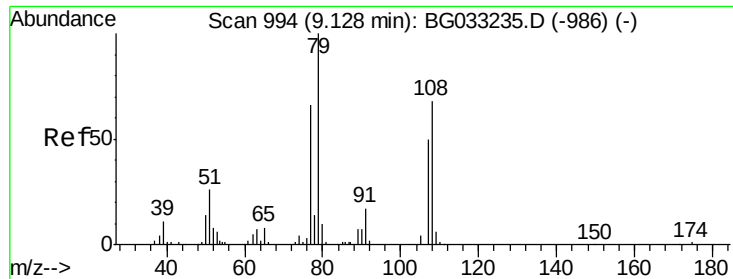
#14
1,2-Dichlorobenzene
Concen: 43.480 ng
RT: 9.23 min Scan# 1012
Delta R.T. -0.03 min
Lab File: BG033346.D
Acq: 27 Mar 2018 1:32

Tgt Ion:146 Resp: 154692
Ion Ratio Lower Upper
146 100
148 65.6 49.3 73.9
111 45.4 34.3 51.5



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

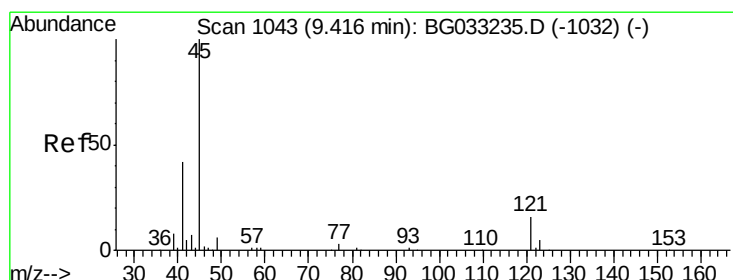
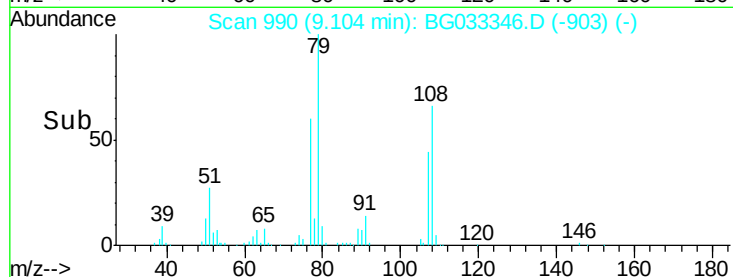
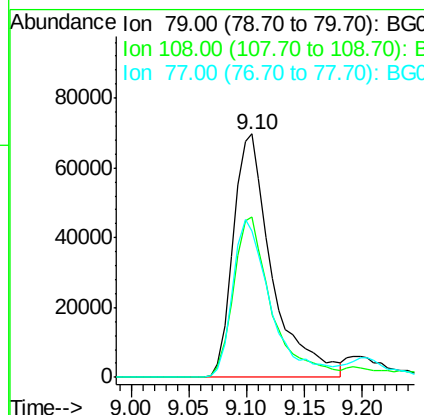
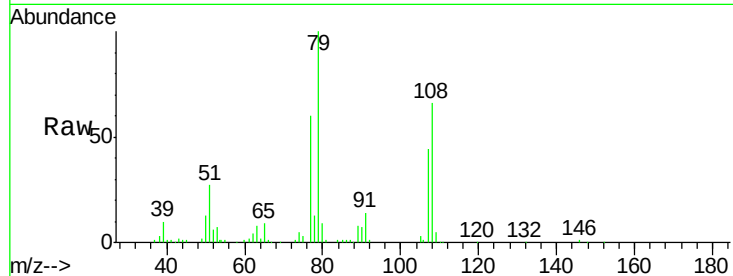




#15
Benzyl Alcohol
Concen: 49.240 ng
RT: 9.10 min Scan# 990
Delta R.T. -0.02 min
Lab File: BG033346.D
Acq: 27 Mar 2018 1:32

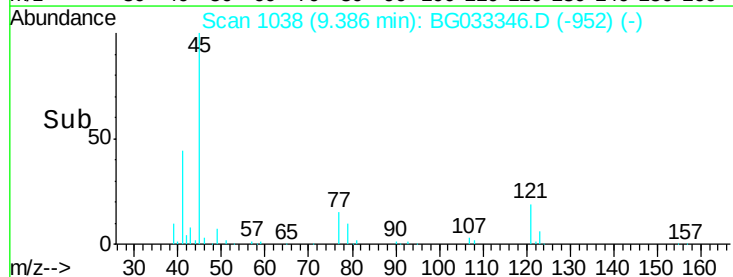
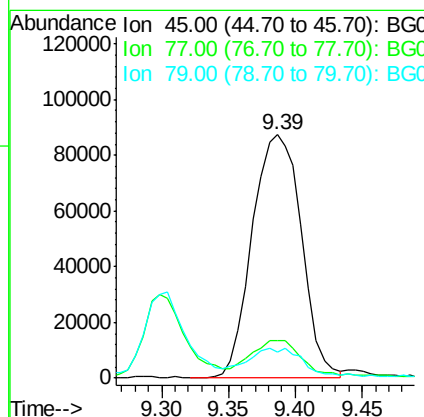
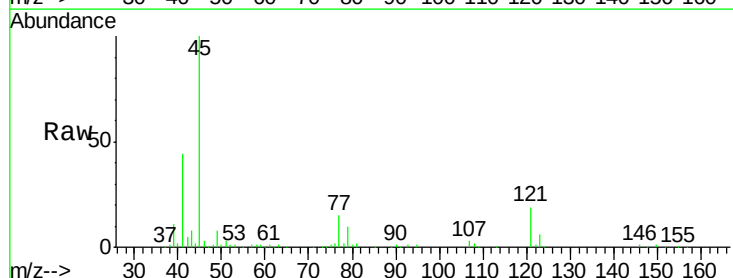
Instrument :
BNA_G
ClientSampled :

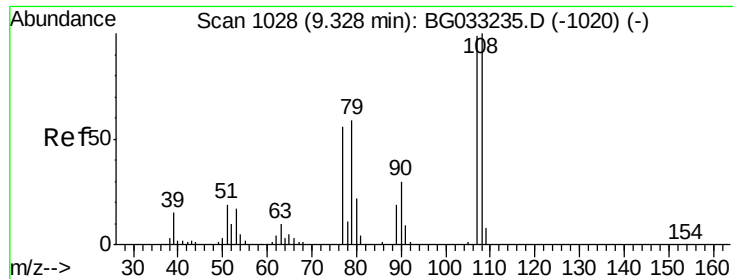
Tot Ion: 79 Resp: 162220
Ion Ratio Lower Upper
79 100
108 66.0 57.2 85.8
77 59.9 46.1 69.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.334 ng
RT: 9.39 min Scan# 1038
Delta R.T. -0.03 min
Lab File: BG033346.D
Acq: 27 Mar 2018 1:32

Tgt Ion: 45 Resp: 221721
Ion Ratio Lower Upper
45 100
77 15.2 0.0 30.2
79 10.5 0.0 27.9

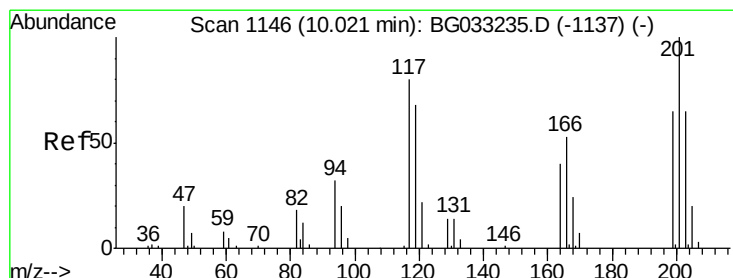
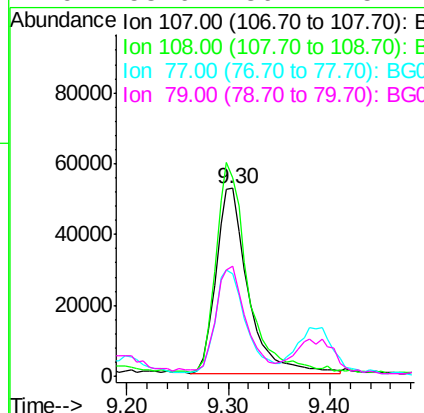
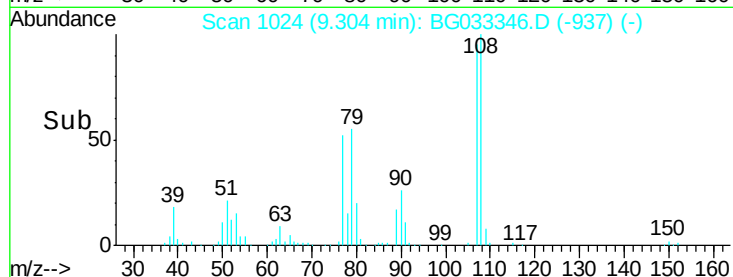
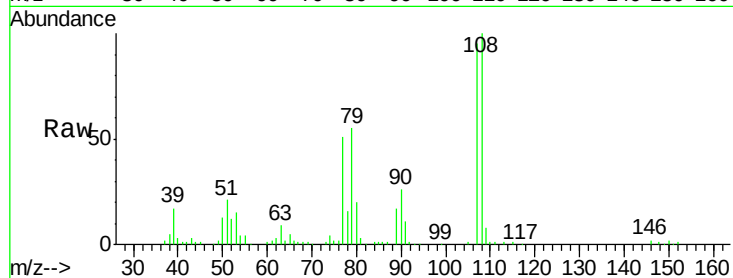




#17
 2-Methylphenol
 Concen: 41.036 ng
 RT: 9.30 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG033346.D
 Acq: 27 Mar 2018 1:32

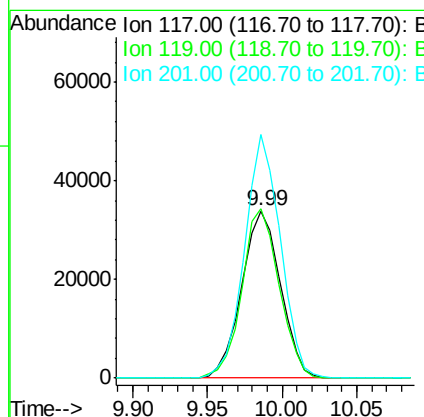
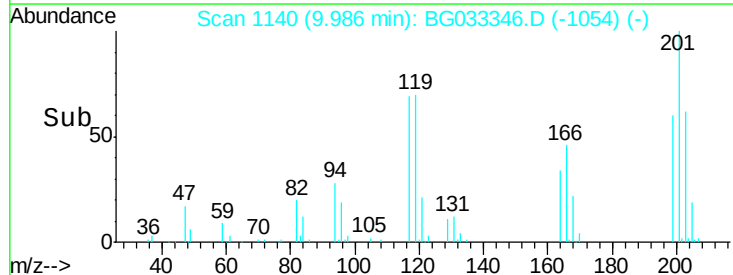
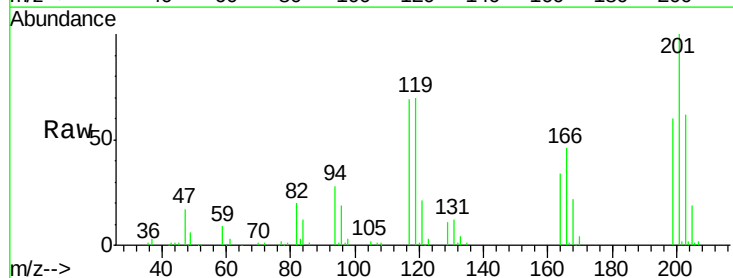
Instrument :
 BNA_G
 ClientSampled :

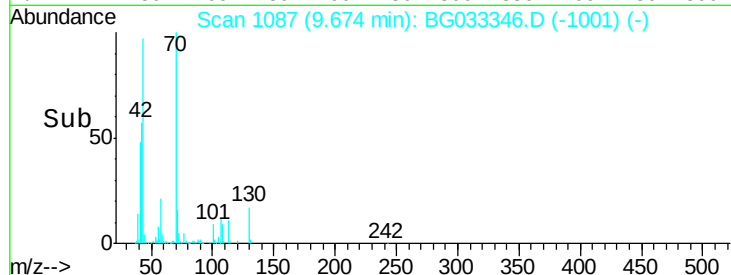
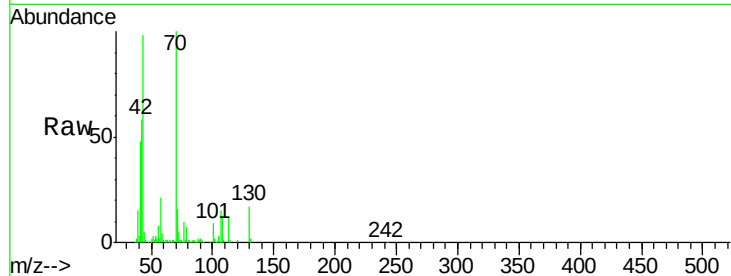
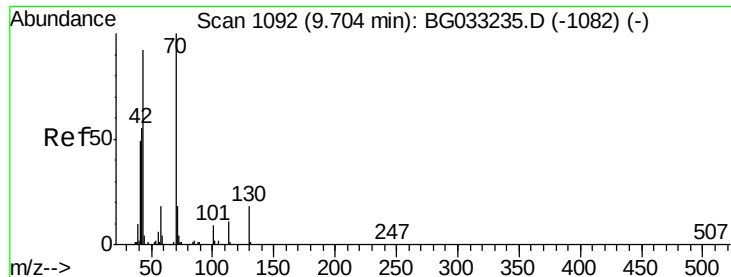
Tot Ion:	107	Resp:	115490
Ion	Ratio	Lower	Upper
107	100		
108	105.8	83.9	125.9
77	54.4	37.2	55.8
79	58.6	36.2	54.2#



#18
 Hexachloroethane
 Concen: 43.431 ng
 RT: 9.99 min Scan# 1140
 Delta R.T. -0.03 min
 Lab File: BG033346.D
 Acq: 27 Mar 2018 1:32

Tgt Ion:	117	Resp:	61104
Ion	Ratio	Lower	Upper
117	100		
119	101.6	76.7	115.1
201	145.7	95.7	143.5#

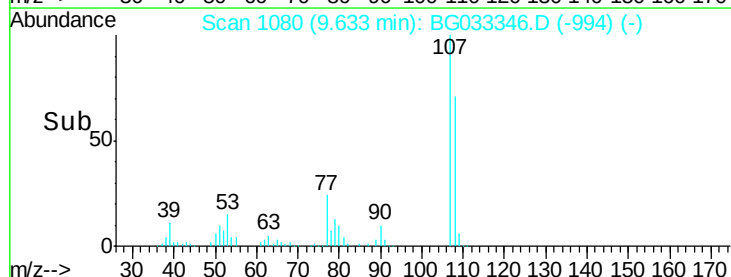
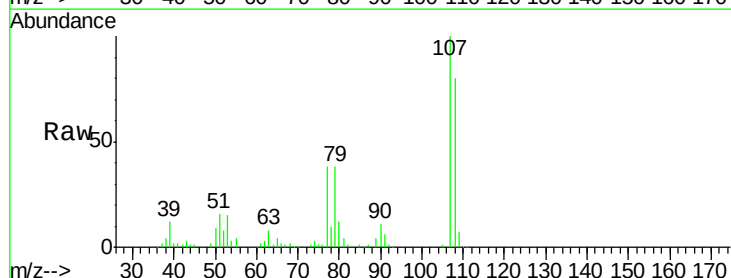
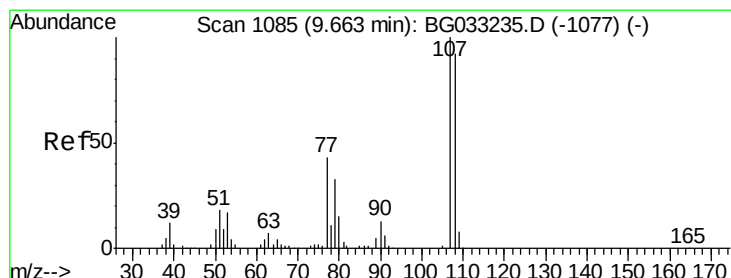
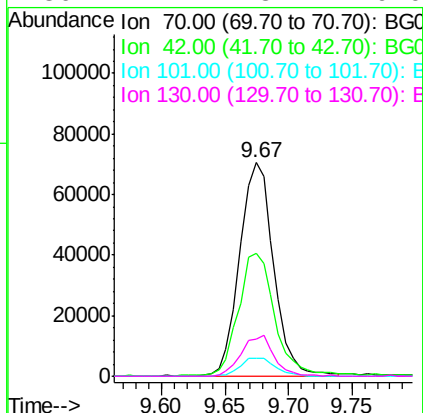




#19
n-Nitroso-di-n-propylamine
Concen: 42.980 ng
RT: 9.67 min Scan# 1087
Delta R.T. -0.03 min
Lab File: BG033346.D
Acq: 27 Mar 2018 1:32

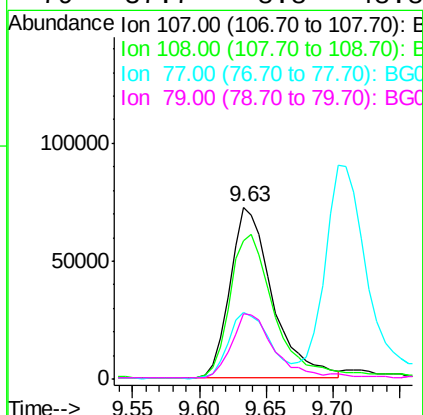
Instrument :
BNA_G
ClientSampleId :

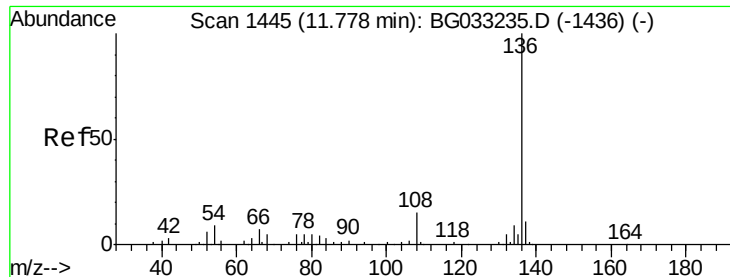
Tot Ion:	70	Resp:	131782
Ion	Ratio	Lower	Upper
70	100		
42	57.7	49.1	73.7
101	8.6	8.5	12.7
130	17.1	13.4	20.0



#20
3+4-Methylphenols
Concen: 40.135 ng
RT: 9.63 min Scan# 1080
Delta R.T. -0.03 min
Lab File: BG033346.D
Acq: 27 Mar 2018 1:32

Tgt Ion:	107	Resp:	160825
Ion	Ratio	Lower	Upper
107	100		
108	80.1	61.6	101.6
77	38.5	13.9	53.9
79	37.7	8.8	48.8

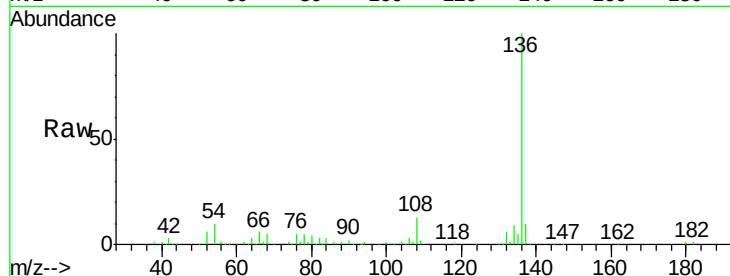




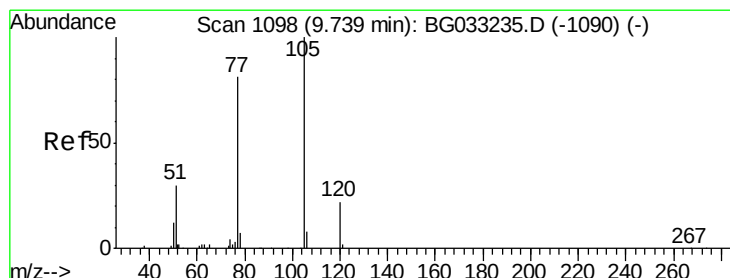
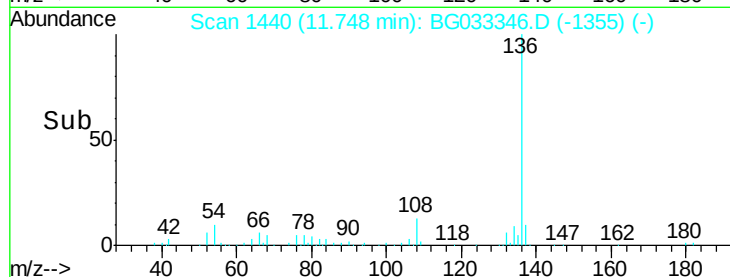
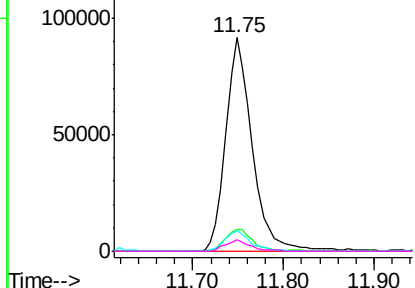
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.03 min
Lab File: BG033346.D
Acq: 27 Mar 2018 1:32

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	185893
Ion Ratio	Lower	Upper
136	100	
137	10.4	9.2 13.8
54	9.5	10.3 15.5#
68	5.3	4.5 6.7

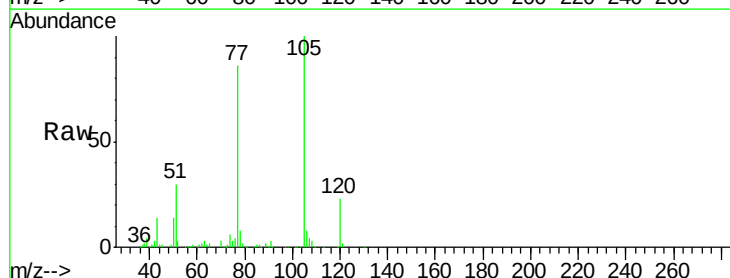


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

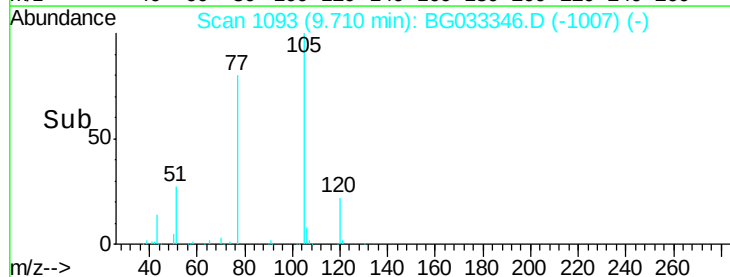
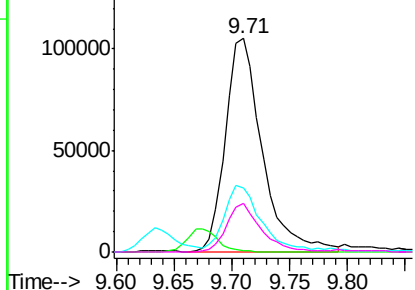


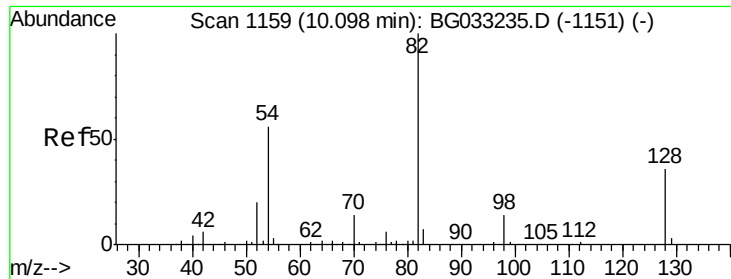
#22
Acetophenone
Concen: 45.469 ng
RT: 9.71 min Scan# 1093
Delta R.T. -0.03 min
Lab File: BG033346.D
Acq: 27 Mar 2018 1:32

Tgt Ion:105	Resp:	231567
Ion Ratio	Lower	Upper
105	100	
71	0.5	3.0 4.4#
51	29.8	26.1 39.1
120	22.5	17.4 26.2



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

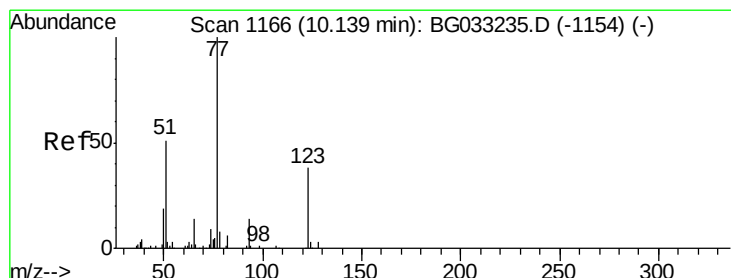
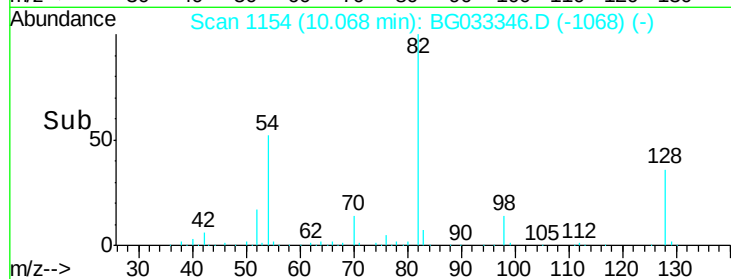
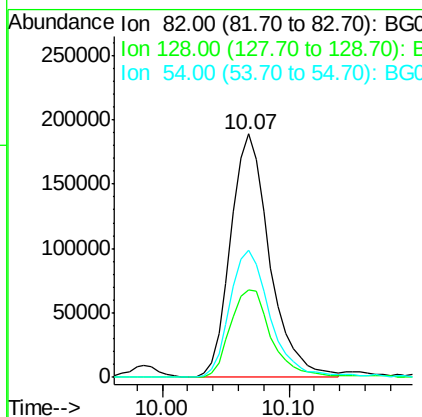
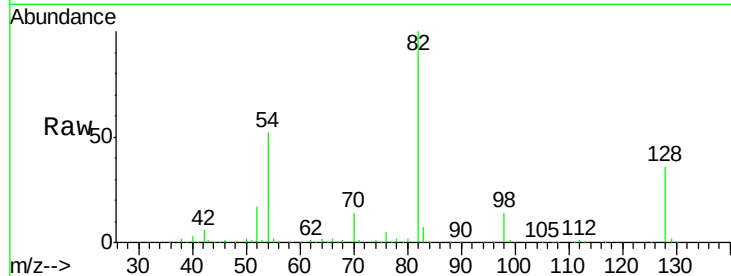




#23
 Nitrobenzene-d5
 Concen: 99.611 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. -0.03 min
 Lab File: BG033346.D
 Acq: 27 Mar 2018 1:32

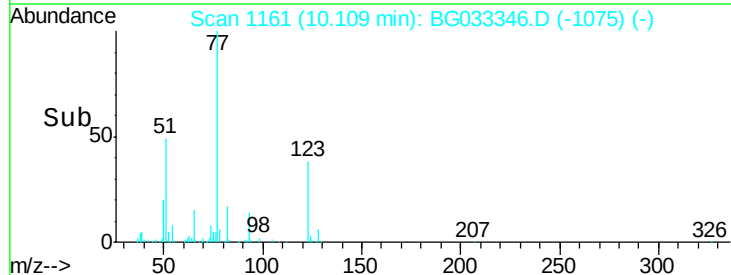
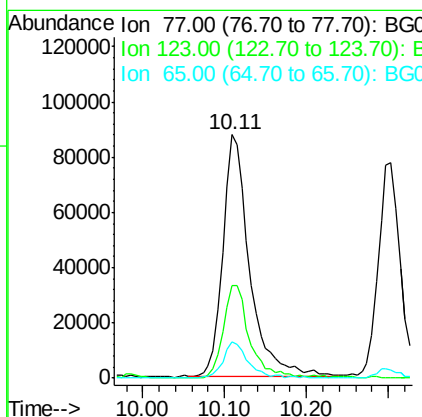
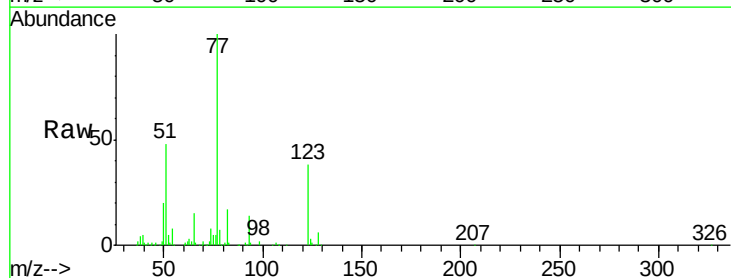
Instrument :
 BNA_G
 ClientSampleId :

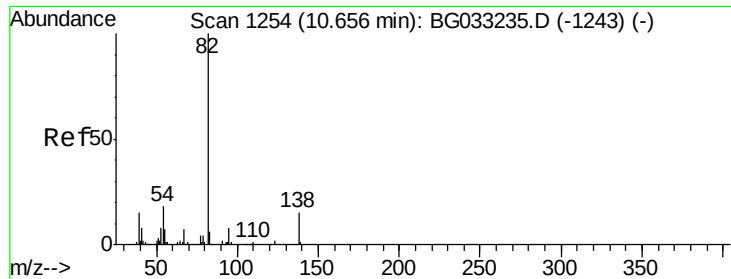
Tot Ion: 82 Resp: 403033
 Ion Ratio Lower Upper
 82 100
 128 35.8 29.7 44.5
 54 52.3 43.1 64.7



#24
 Nitrobenzene
 Concen: 46.064 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.03 min
 Lab File: BG033346.D
 Acq: 27 Mar 2018 1:32

Tgt Ion: 77 Resp: 199491
 Ion Ratio Lower Upper
 77 100
 123 38.1 33.0 49.6
 65 14.7 13.0 19.6





#25

Isophorone

Concen: 48.227 ng

RT: 10.63 min Scan# 1249

Delta R.T. -0.03 min

Lab File: BG033346.D

Acq: 27 Mar 2018 1:32

Instrument :

BNA_G

ClientSampled :

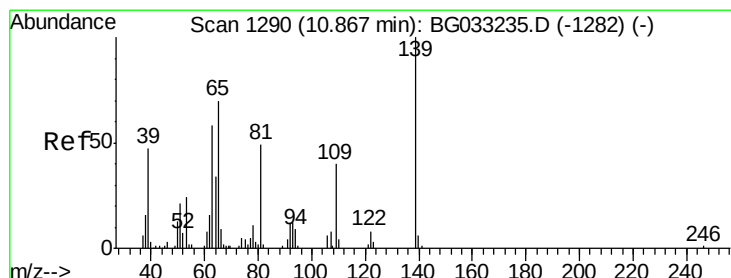
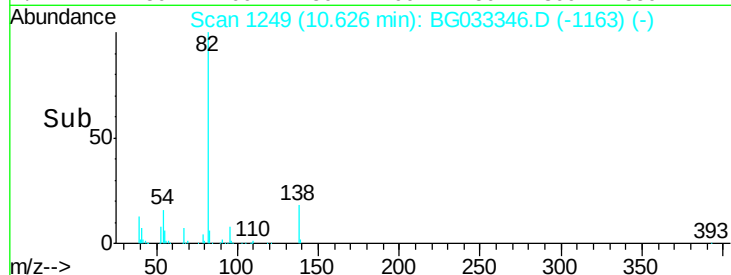
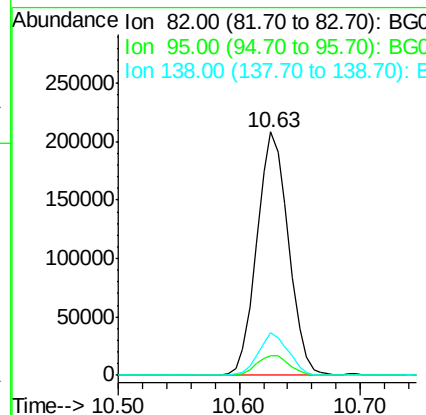
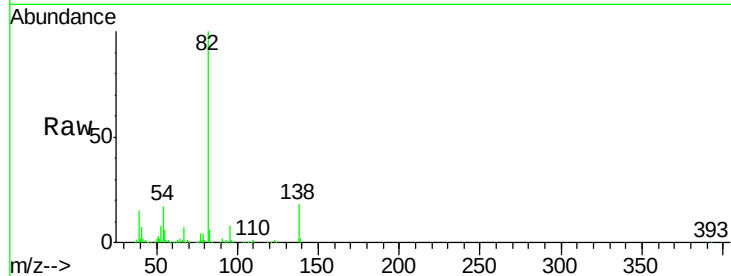
Tot Ion: 82 Resp: 378717

Ion Ratio Lower Upper

82 100

95 7.9 6.2 9.2

138 17.6 12.1 18.1



#26

2-Nitrophenol

Concen: 46.273 ng

RT: 10.84 min Scan# 1285

Delta R.T. -0.03 min

Lab File: BG033346.D

Acq: 27 Mar 2018 1:32

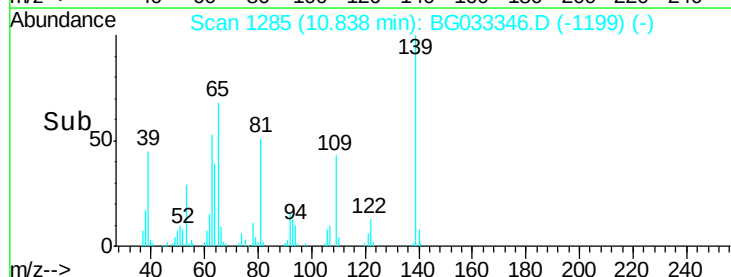
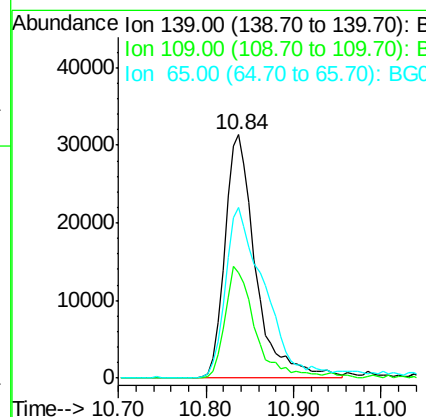
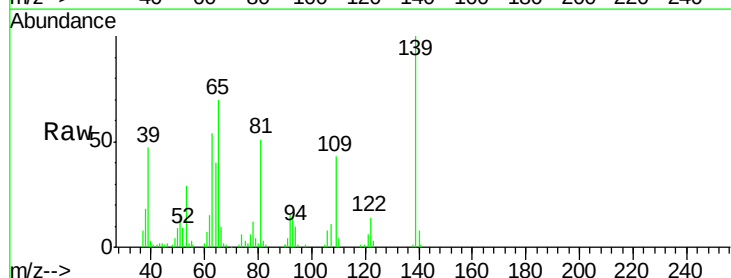
Tgt Ion: 139 Resp: 75870

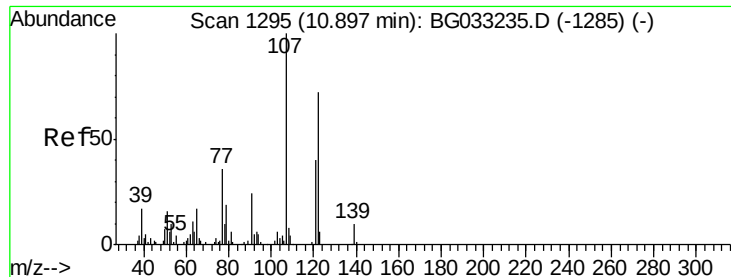
Ion Ratio Lower Upper

139 100

109 43.4 24.2 36.2#

65 69.9 47.4 71.0

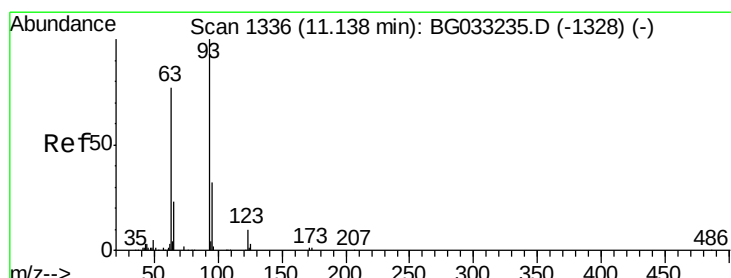
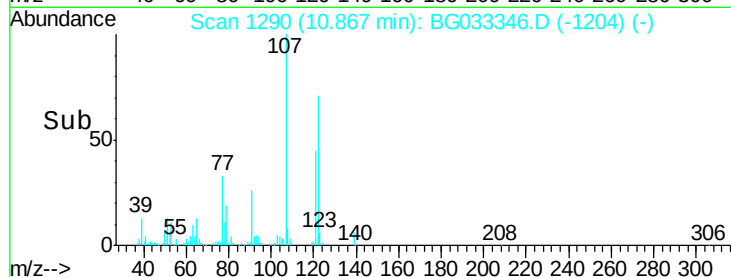
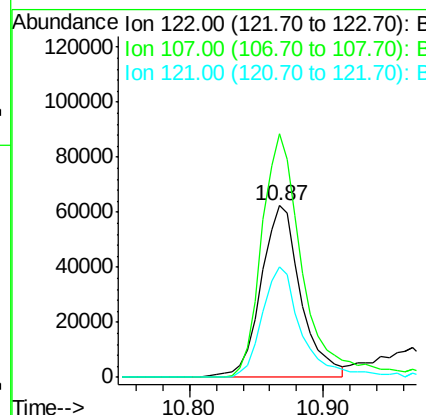
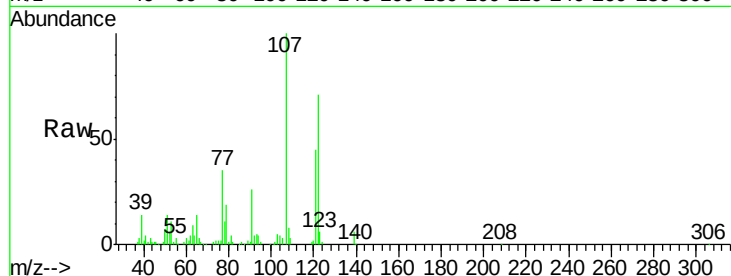




#27
 2,4-Dimethylphenol
 Concen: 54.015 ng
 RT: 10.87 min Scan# 1290
 Delta R.T. -0.03 min
 Lab File: BG033346.D
 Acq: 27 Mar 2018 1:32

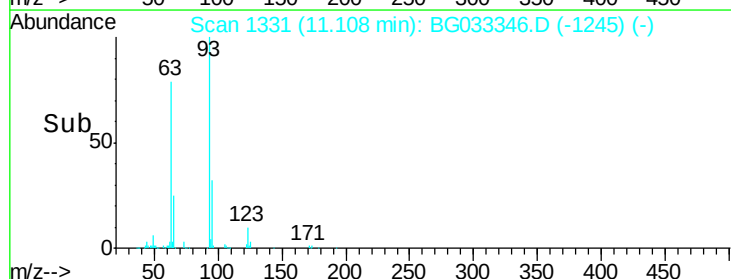
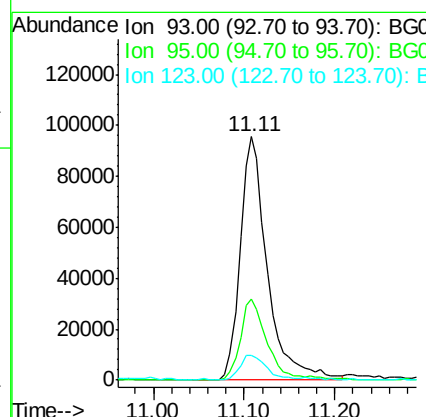
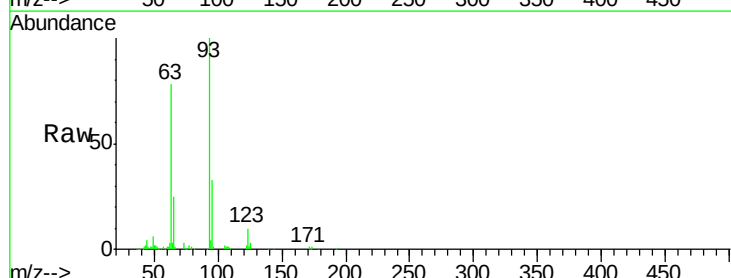
Instrument :
 BNA_G
 ClientSampleId :

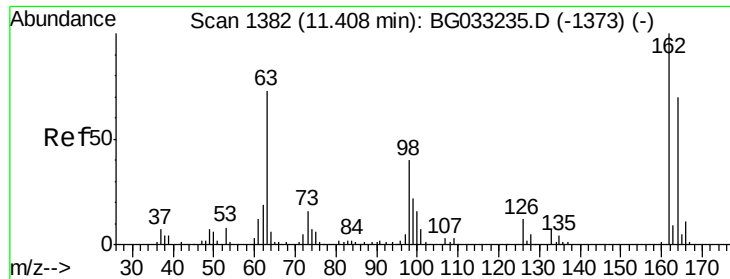
Tot Ion	Ratio	Lower	Upper
122	100		
107	141.7	100.2	150.2
121	64.3	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.751 ng
 RT: 11.11 min Scan# 1331
 Delta R.T. -0.03 min
 Lab File: BG033346.D
 Acq: 27 Mar 2018 1:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	24.3	36.5
123	10.4	8.4	12.6





#29

2,4-Dichlorophenol

Concen: 52.111 ng

RT: 11.38 min Scan# 1377

Delta R.T. -0.03 min

Lab File: BG033346.D

Acq: 27 Mar 2018 1:32

Instrument :

BNA_G

ClientSampleId :

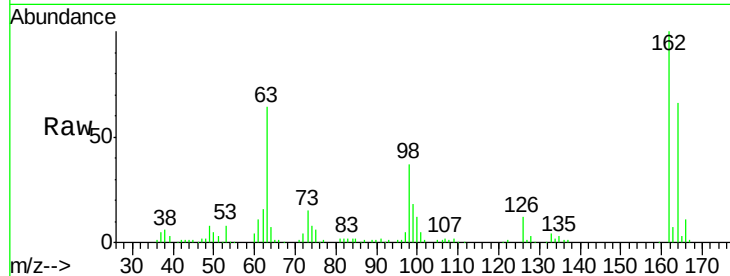
Tot Ion:162 Resp: 152644

Ion Ratio Lower Upper

162 100

164 66.5 48.0 88.0

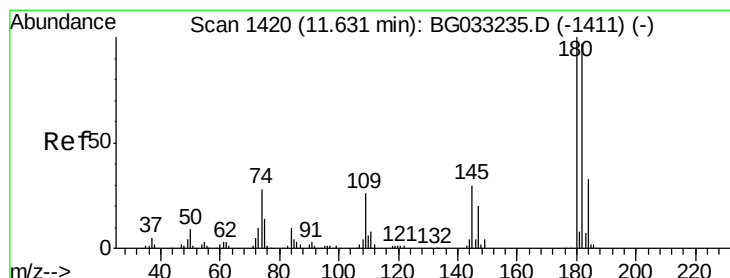
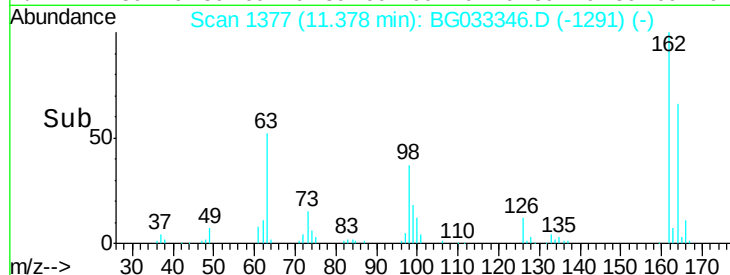
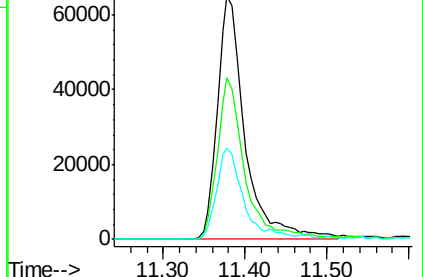
98 37.3 21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 45.692 ng

RT: 11.60 min Scan# 1415

Delta R.T. -0.03 min

Lab File: BG033346.D

Acq: 27 Mar 2018 1:32

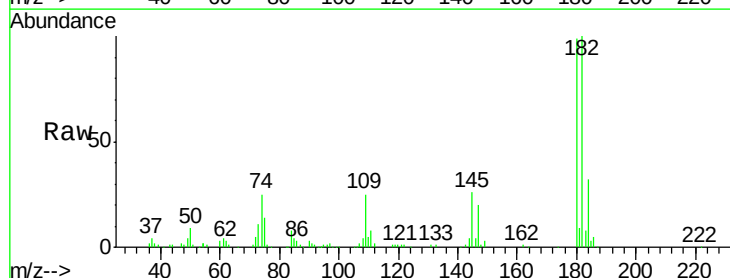
Tgt Ion:180 Resp: 173895

Ion Ratio Lower Upper

180 100

182 101.4 77.5 116.3

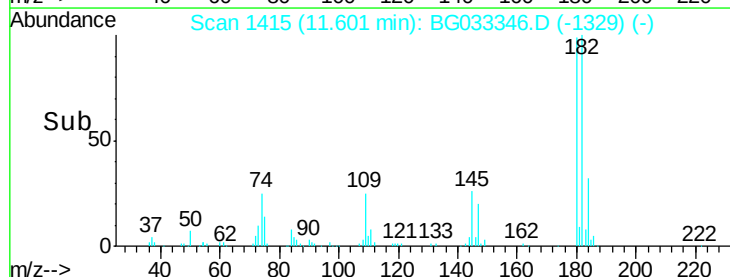
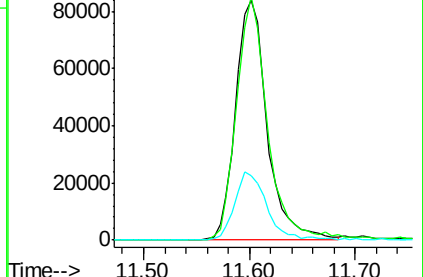
145 26.8 23.4 35.2

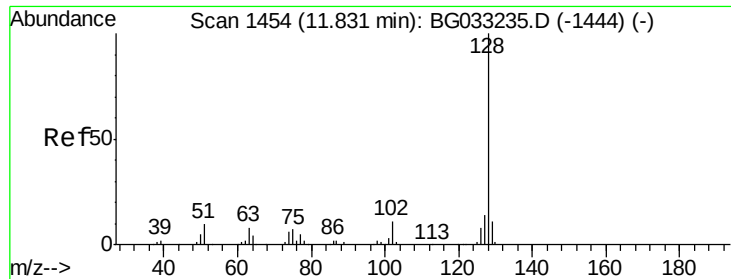


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

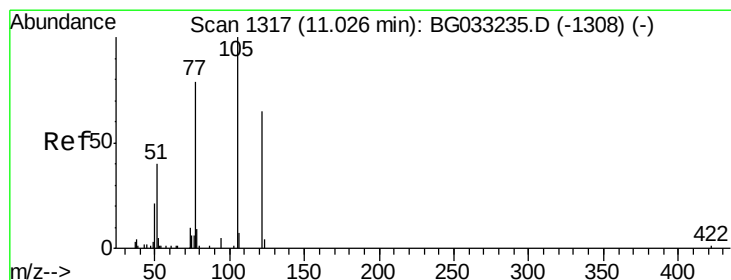
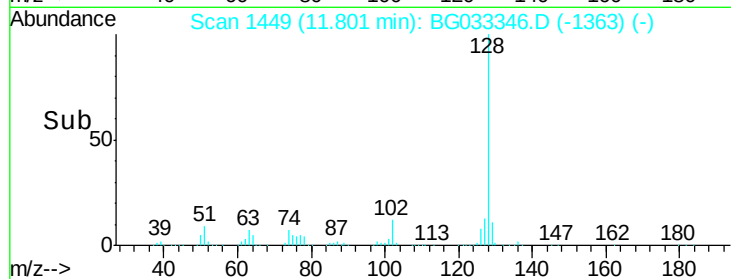
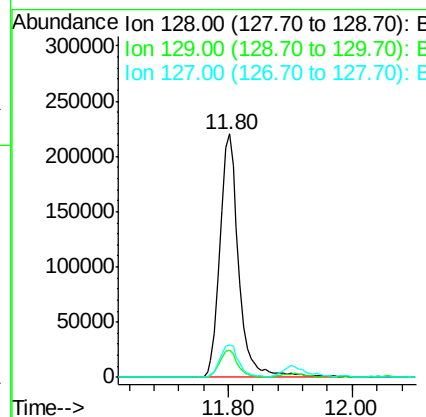
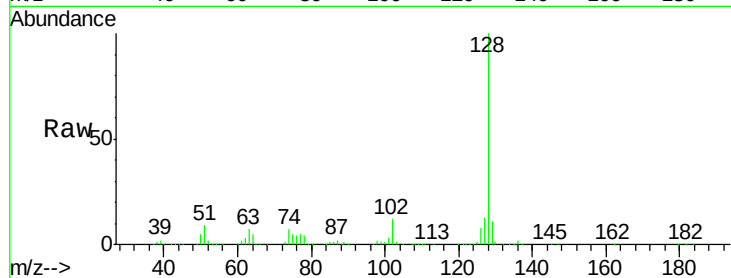




#31
Naphthalene
Concen: 48.072 ng
RT: 11.80 min Scan# 1449
Delta R.T. -0.03 min
Lab File: BG033346.D
Acq: 27 Mar 2018 1:32

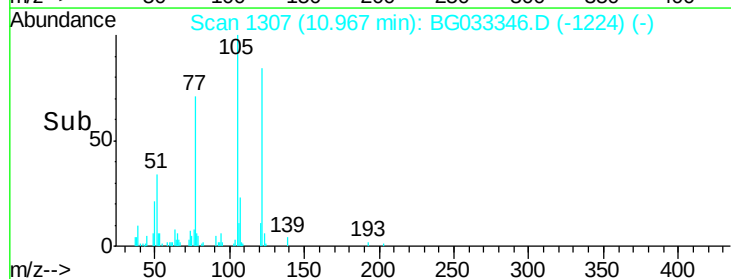
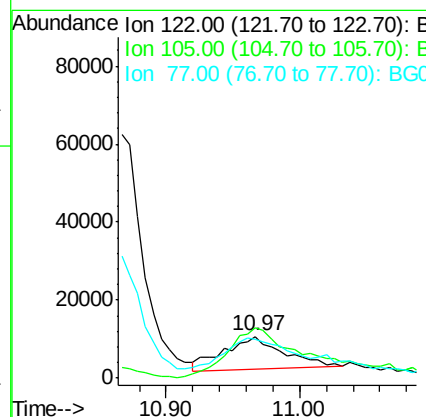
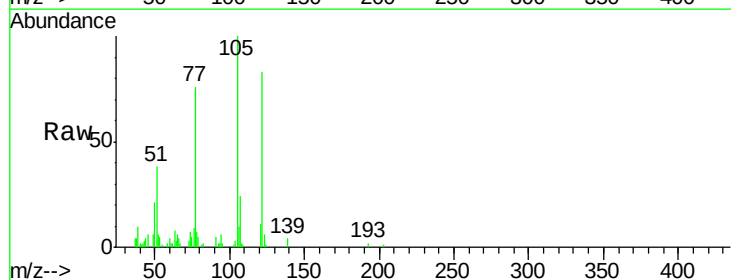
Instrument :
BNA_G
ClientSampleId :

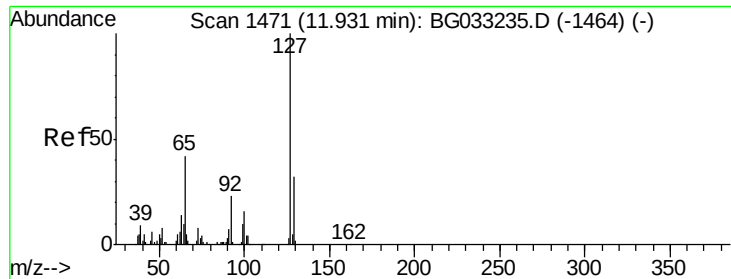
Tot Ion:128 Resp: 463080
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 13.4 11.6 17.4



#32
Benzoic acid
Concen: 11.864 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.04 min
Lab File: BG033346.D
Acq: 27 Mar 2018 1:32

Tgt Ion:122 Resp: 26269
Ion Ratio Lower Upper
122 100
105 120.6 123.5 163.5#
77 91.4 85.7 125.7

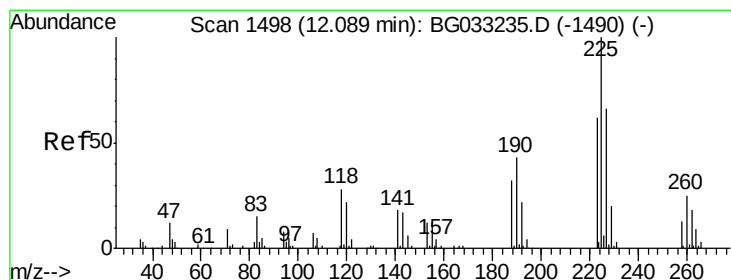
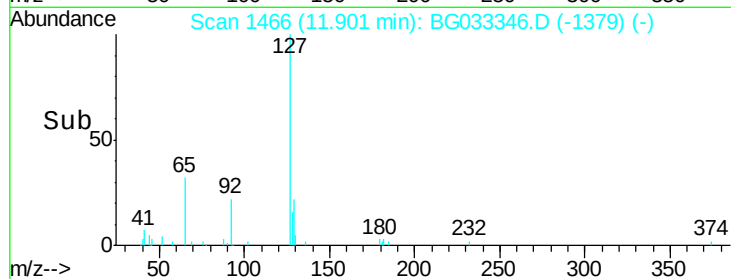
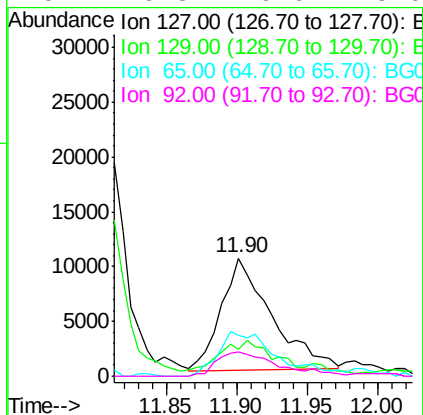
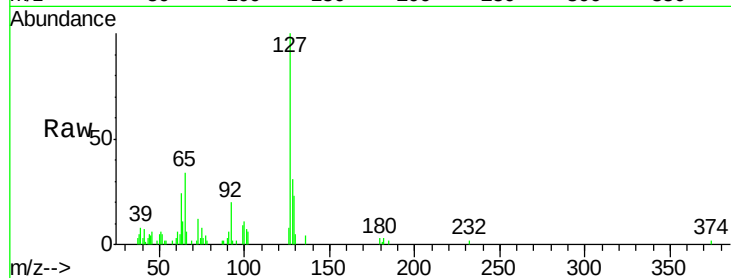




#33
4-Chloroaniline
Concen: 5.864 ng
RT: 11.90 min Scan# 1466
Delta R.T. -0.02 min
Lab File: BG033346.D
Acq: 27 Mar 2018 1:32

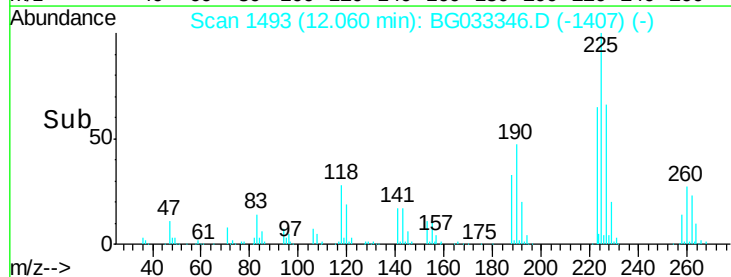
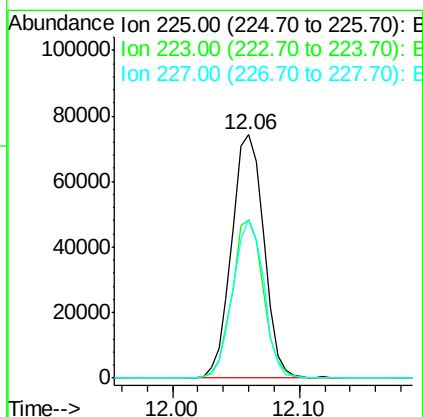
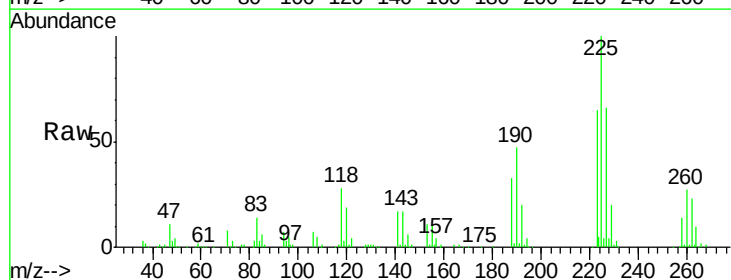
Instrument :
BNA_G
ClientSampled :

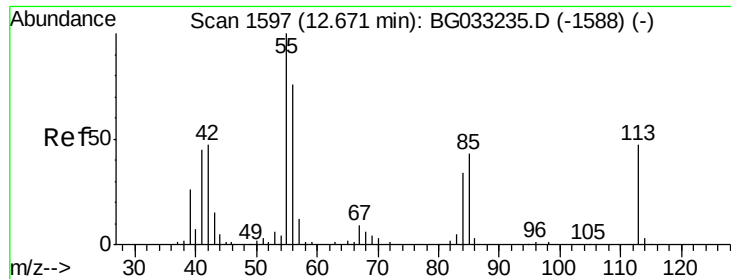
Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	22.7	24.0	36.0	
65	34.4	27.0	40.4	
92	20.3	16.6	25.0	



#34
Hexachlorobutadiene
Concen: 45.310 ng
RT: 12.06 min Scan# 1493
Delta R.T. -0.03 min
Lab File: BG033346.D
Acq: 27 Mar 2018 1:32

Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	64.9	49.7	74.5	
227	65.6	48.1	72.1	

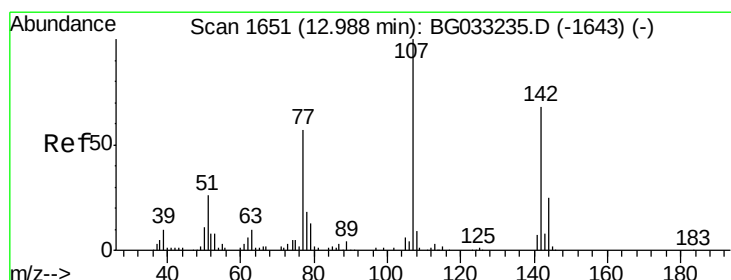
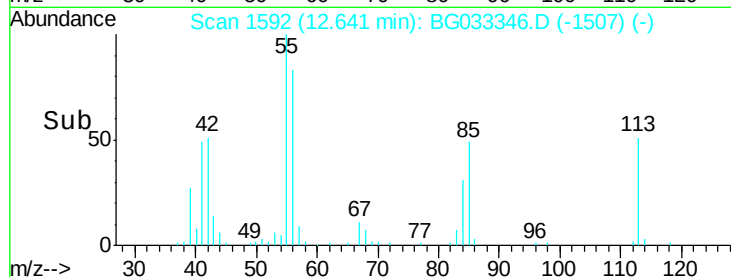
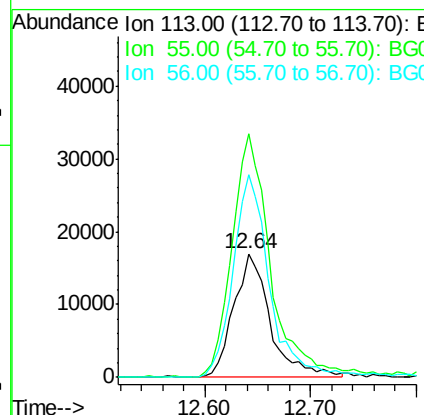
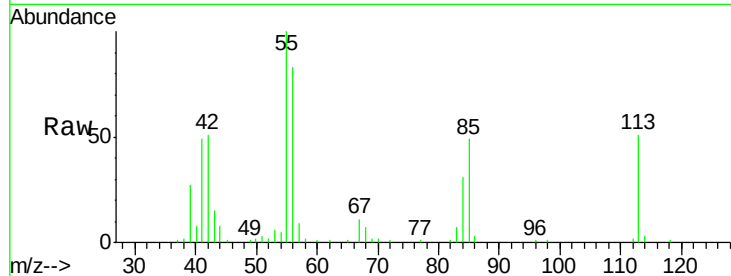




#35
 Caprolactam
 Concen: 35.470 ng
 RT: 12.64 min Scan# 1592
 Delta R.T. -0.03 min
 Lab File: BG033346.D
 Acq: 27 Mar 2018 1:32

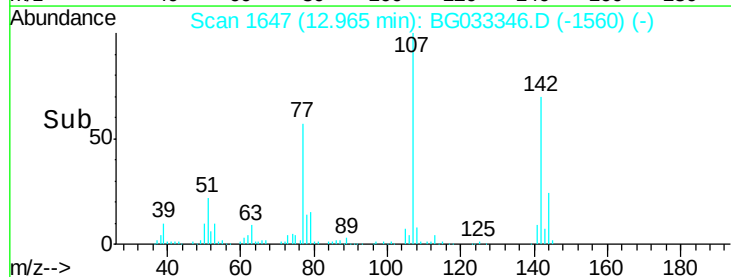
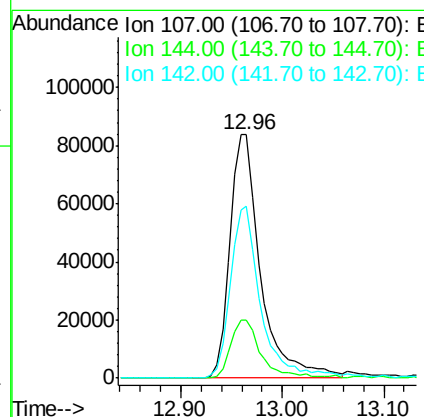
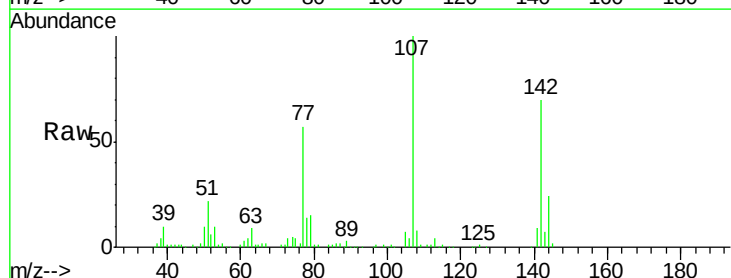
Instrument :
 BNA_G
 ClientSampleId :

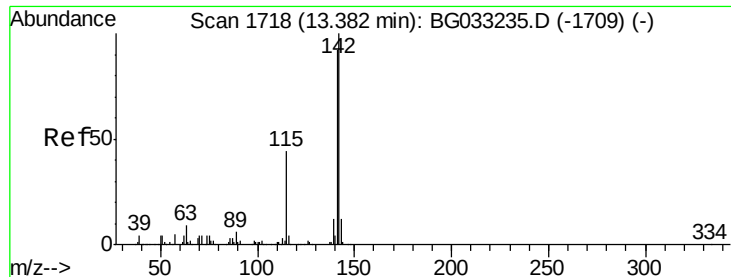
Tot Ion:113 Resp: 40704
 Ion Ratio Lower Upper
 113 100
 55 196.9 186.9 226.9
 56 164.3 130.9 170.9



#36
 4-Chloro-3-methylphenol
 Concen: 46.024 ng
 RT: 12.96 min Scan# 1647
 Delta R.T. -0.02 min
 Lab File: BG033346.D
 Acq: 27 Mar 2018 1:32

Tgt Ion:107 Resp: 175833
 Ion Ratio Lower Upper
 107 100
 144 23.8 18.2 27.4
 142 70.5 59.0 88.4





#37

2-Methylnaphthalene

Concen: 45.987 ng

RT: 13.35 min Scan# 1713

Delta R.T. -0.03 min

Lab File: BG033346.D

Acq: 27 Mar 2018 1:32

Instrument :

BNA_G

ClientSampleId :

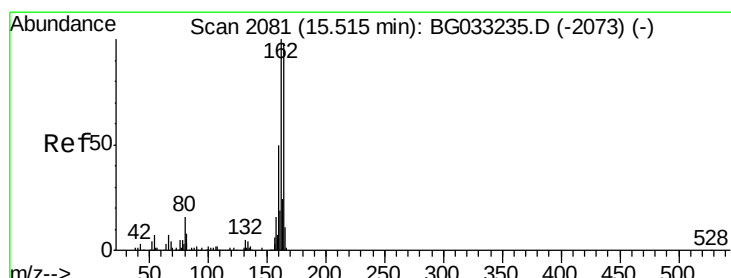
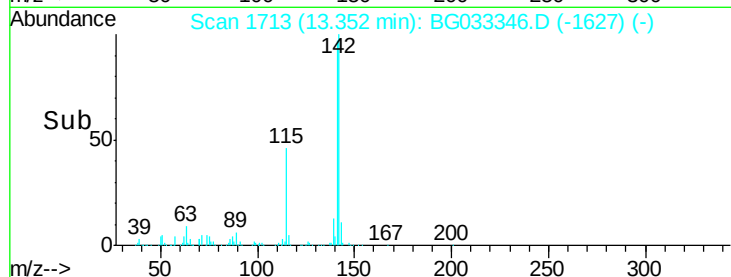
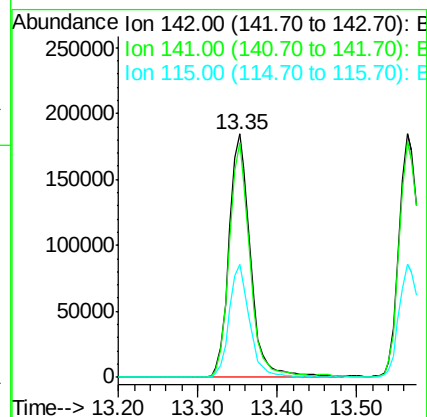
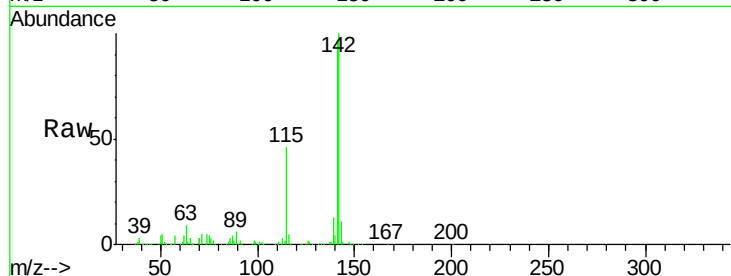
Tot Ion:142 Resp: 343842

Ion Ratio Lower Upper

142 100

141 96.6 67.1 100.7

115 46.5 30.7 46.1#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.49 min Scan# 2076

Delta R.T. -0.03 min

Lab File: BG033346.D

Acq: 27 Mar 2018 1:32

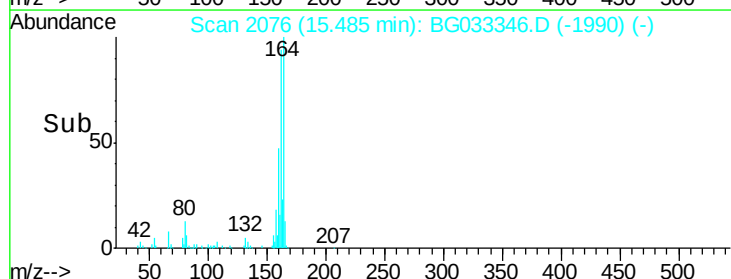
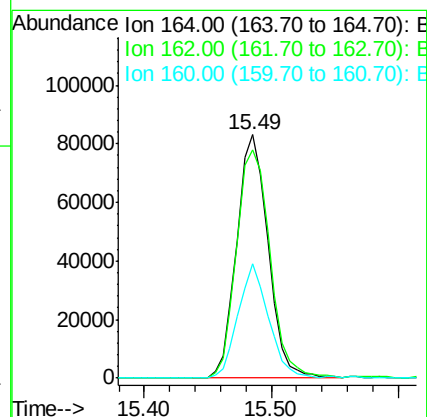
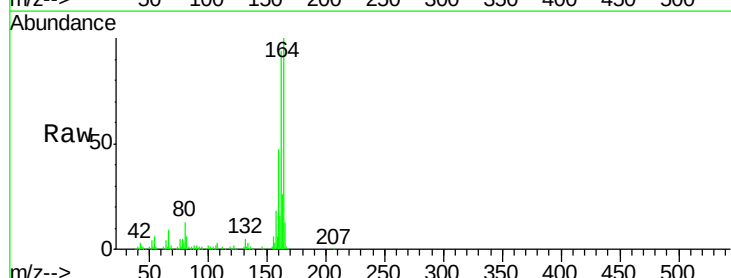
Tgt Ion:164 Resp: 142678

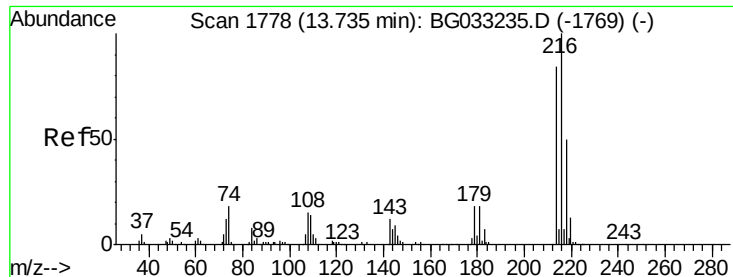
Ion Ratio Lower Upper

164 100

162 94.0 78.8 118.2

160 46.9 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.571 ng

RT: 13.70 min Scan# 1773

Delta R.T. -0.03 min

Lab File: BG033346.D

Acq: 27 Mar 2018 1:32

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 230353

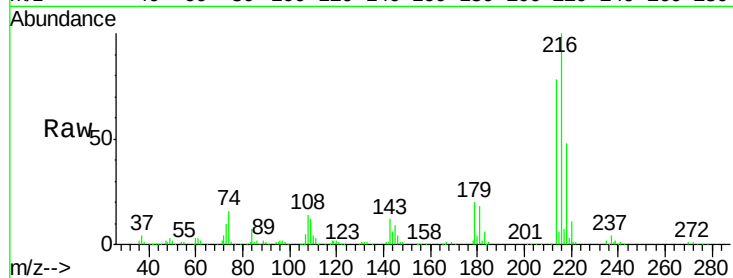
Ion Ratio Lower Upper

216 100

214 79.8 63.0 94.4

179 19.7 17.0 25.6

108 17.1 12.8 19.2

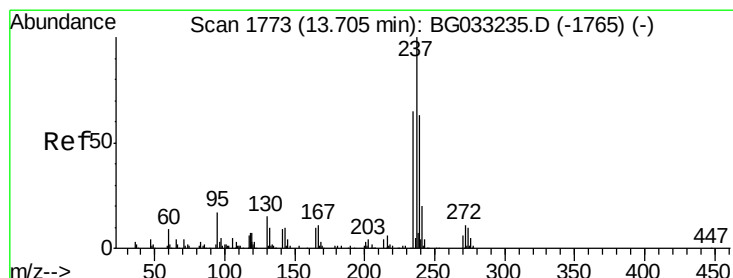
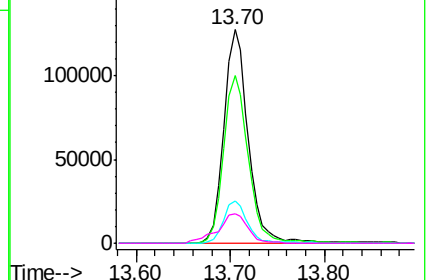
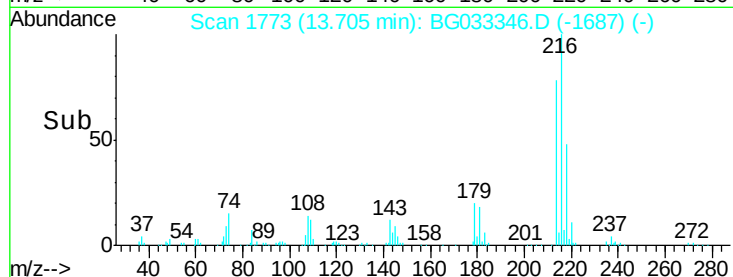


Abundance Ion 216.00 (215.70 to 216.70): E

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: 86.042 ng

RT: 13.68 min Scan# 1768

Delta R.T. -0.03 min

Lab File: BG033346.D

Acq: 27 Mar 2018 1:32

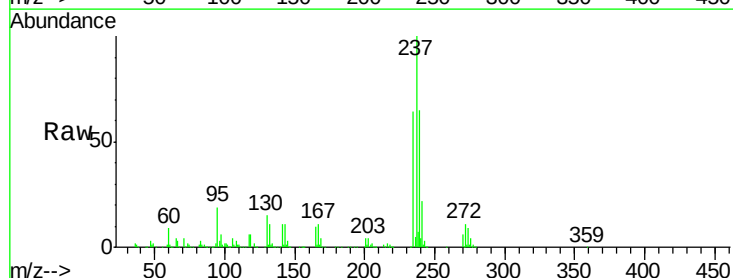
Tgt Ion:237 Resp: 260684

Ion Ratio Lower Upper

237 100

235 63.9 50.4 90.4

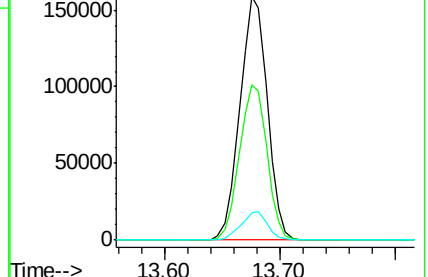
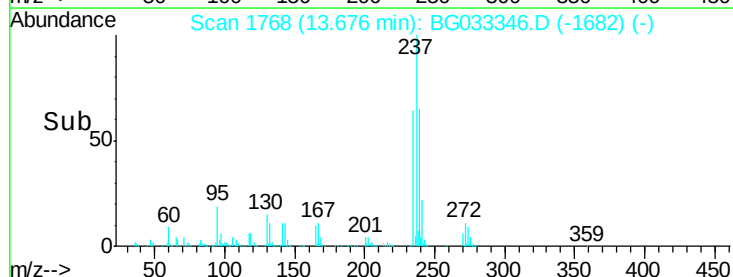
272 11.1 0.0 31.8

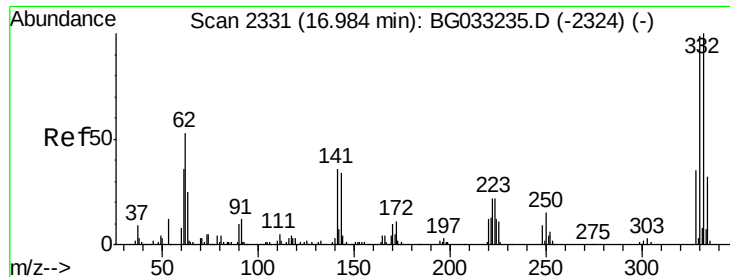


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

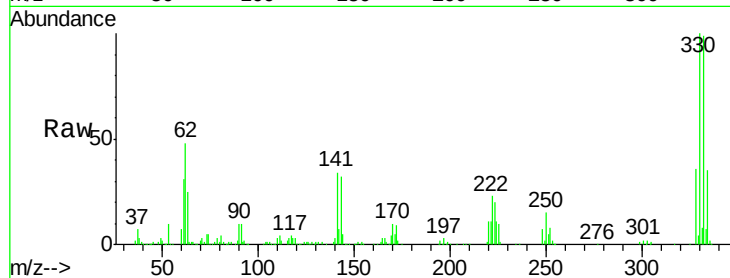




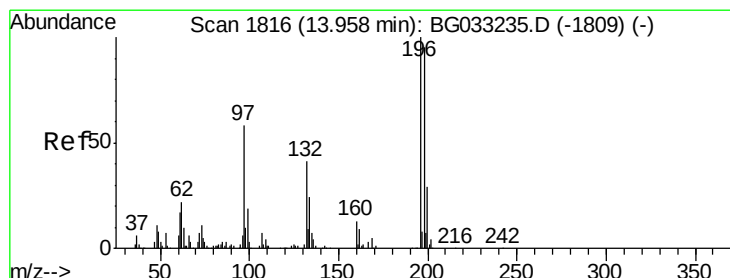
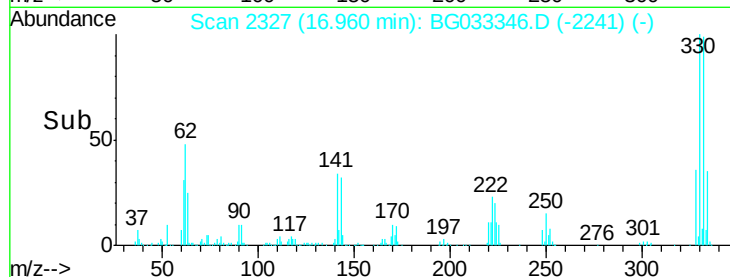
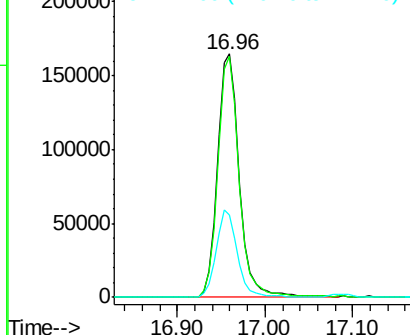
#41
 2,4,6-Tribromophenol
 Concen: 133.712 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. -0.03 min
 Lab File: BG033346.D
 Acq: 27 Mar 2018 1:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	34.6	25.2	37.8

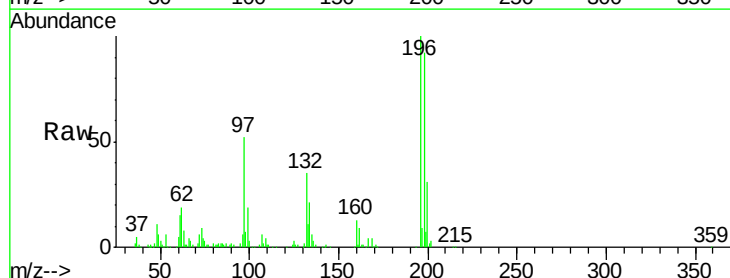


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

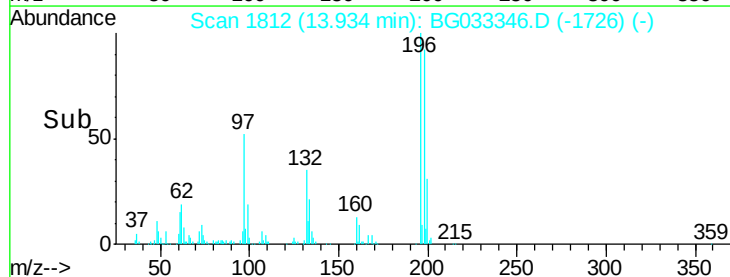
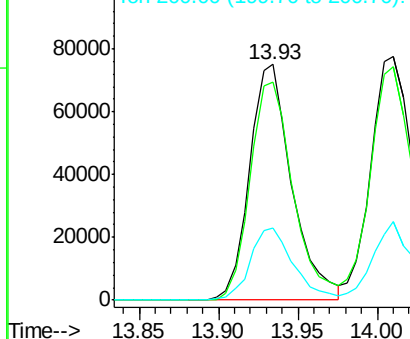


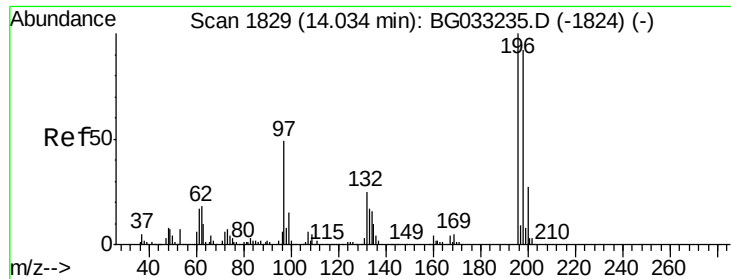
#42
 2,4,6-Trichlorophenol
 Concen: 46.432 ng
 RT: 13.93 min Scan# 1812
 Delta R.T. -0.03 min
 Lab File: BG033346.D
 Acq: 27 Mar 2018 1:32

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.4	78.2	117.2
200	30.8	24.6	36.8



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

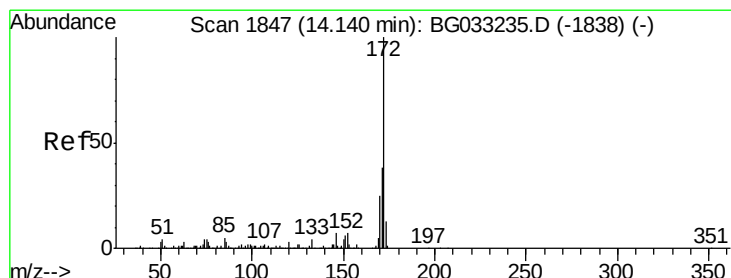
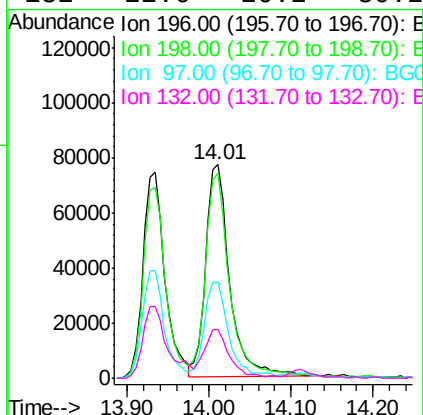
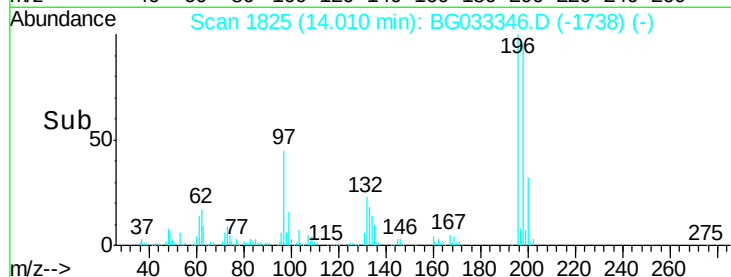
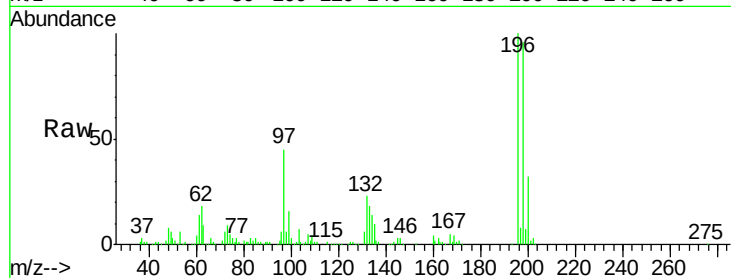




#43
 2,4,5-Trichlorophenol
 Concen: 44.945 ng
 RT: 14.01 min Scan# 1825
 Delta R.T. -0.02 min
 Lab File: BG033346.D
 Acq: 27 Mar 2018 1:32

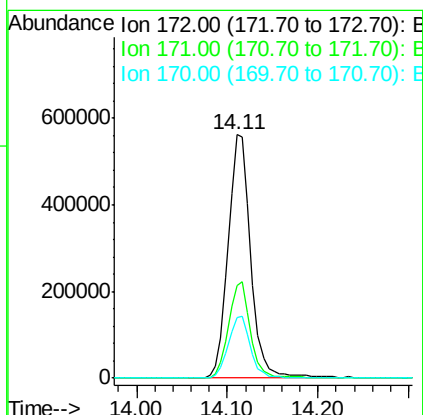
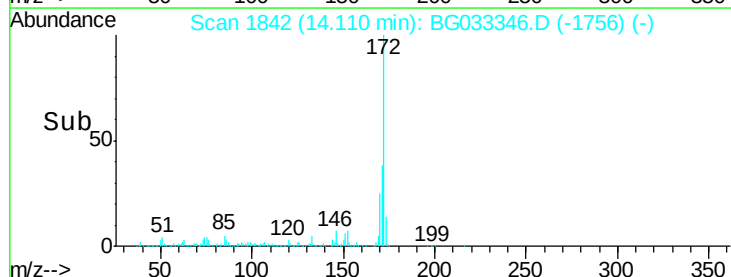
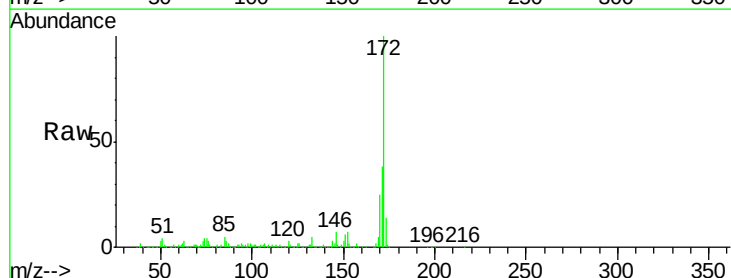
Instrument :
 BNA_G
 ClientSampled :

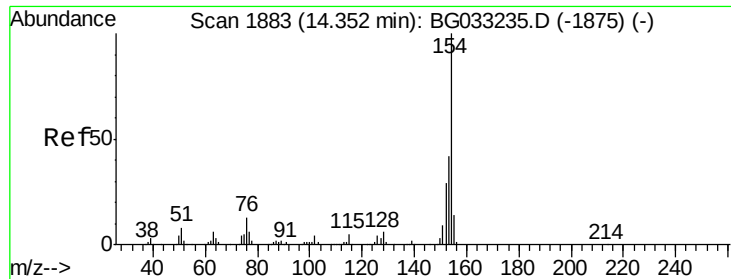
Tot Ion:	196	Resp:	159520
Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.2	114.4
97	45.1	38.7	58.1
132	22.6	20.2	30.2



#44
 2-Fluorobiphenyl
 Concen: 98.733 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.03 min
 Lab File: BG033346.D
 Acq: 27 Mar 2018 1:32

Tgt Ion:	172	Resp:	975803
Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	24.9	19.5	29.3

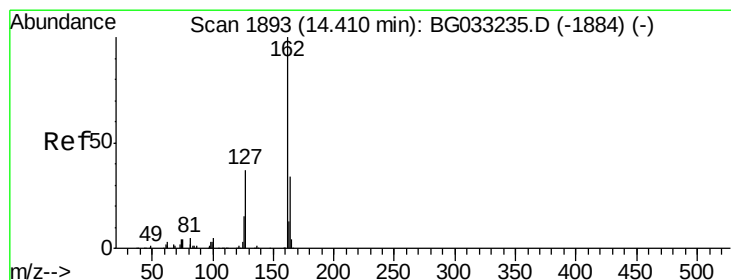
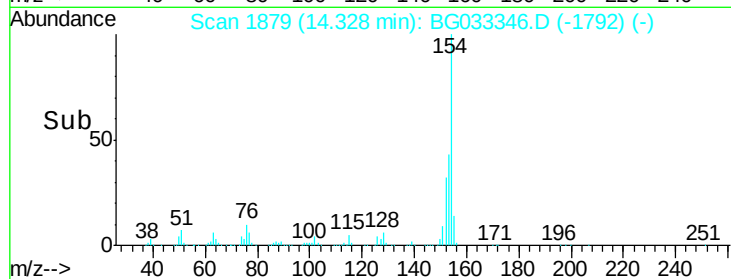
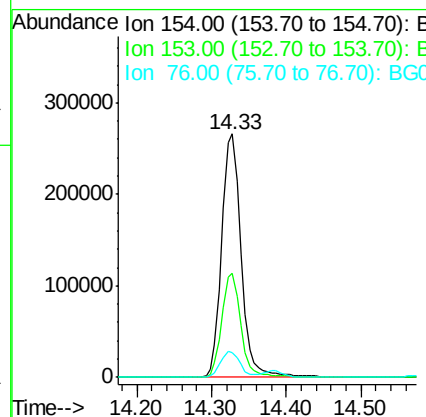
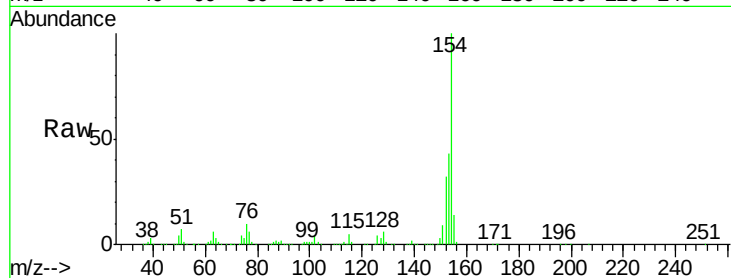




#45
 1,1'-Biphenyl
 Concen: 44.005 ng
 RT: 14.33 min Scan# 1879
 Delta R.T. -0.02 min
 Lab File: BG033346.D
 Acq: 27 Mar 2018 1:32

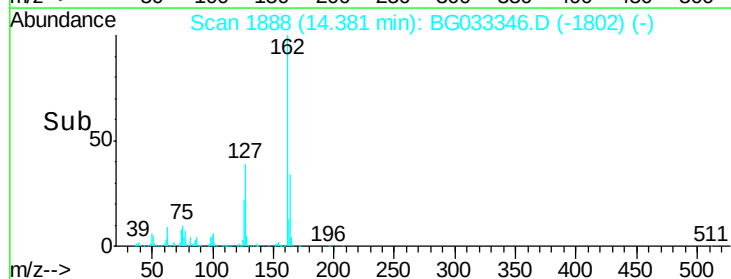
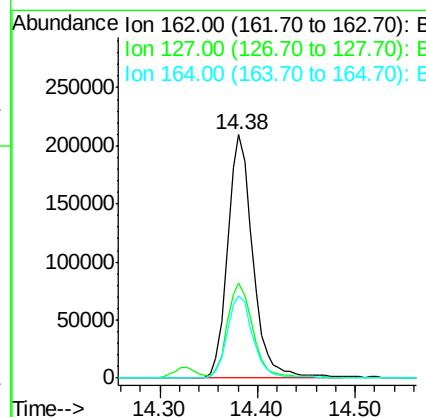
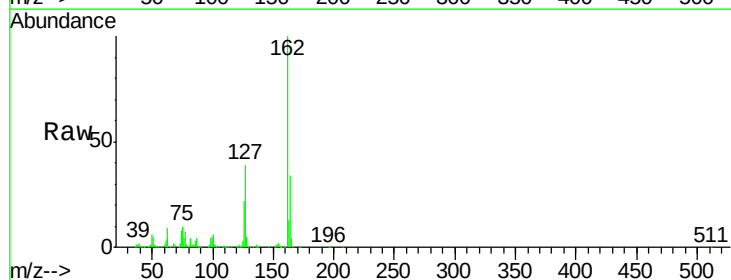
Instrument :
 BNA_G
 ClientSampleId :

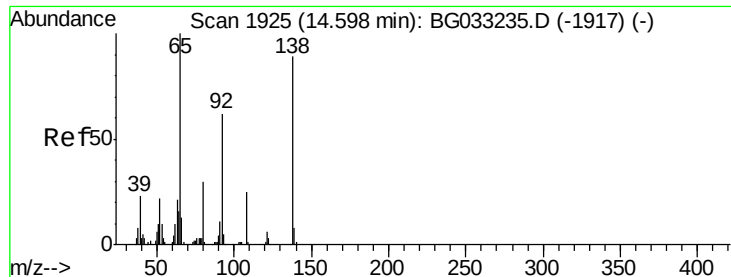
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.6	19.8	59.8
76	10.2	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 44.520 ng
 RT: 14.38 min Scan# 1888
 Delta R.T. -0.03 min
 Lab File: BG033346.D
 Acq: 27 Mar 2018 1:32

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.1	30.7	46.1
164	34.0	26.0	39.0





#47

2-Nitroaniline

Concen: 44.410 ng

RT: 14.57 min Scan# 1920

Delta R.T. -0.03 min

Lab File: BG033346.D

Acq: 27 Mar 2018 1:32

Instrument :

BNA_G

ClientSampleId :

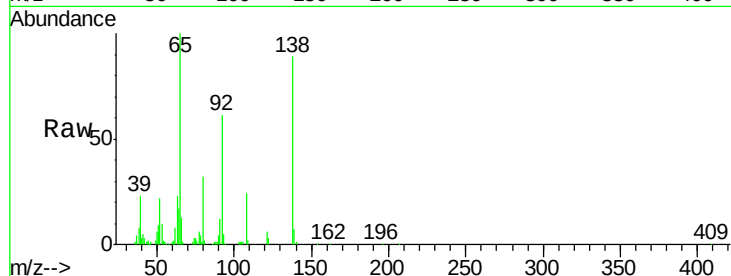
Tot Ion: 65 Resp: 140589

Ion Ratio Lower Upper

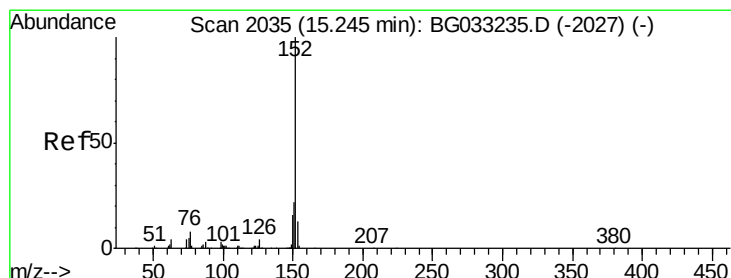
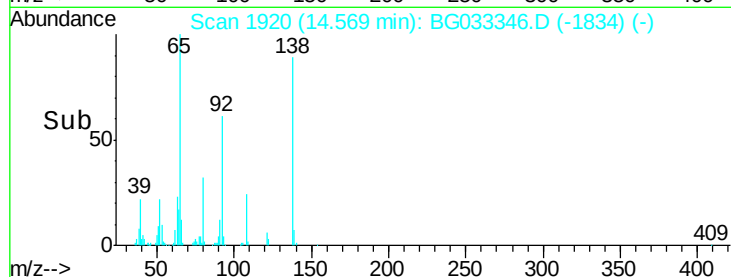
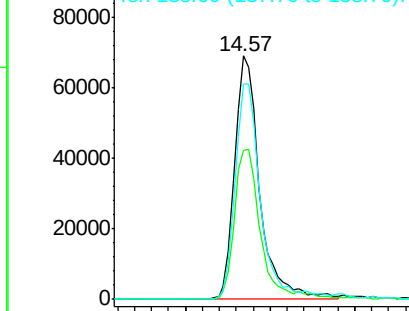
65 100

92 61.0 54.6 82.0

138 88.6 72.9 109.3



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 43.013 ng

RT: 15.21 min Scan# 2030

Delta R.T. -0.03 min

Lab File: BG033346.D

Acq: 27 Mar 2018 1:32

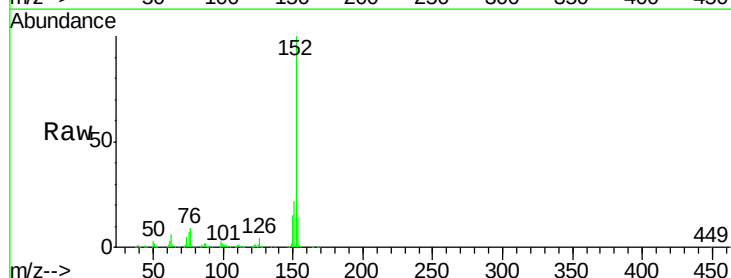
Tgt Ion: 152 Resp: 606827

Ion Ratio Lower Upper

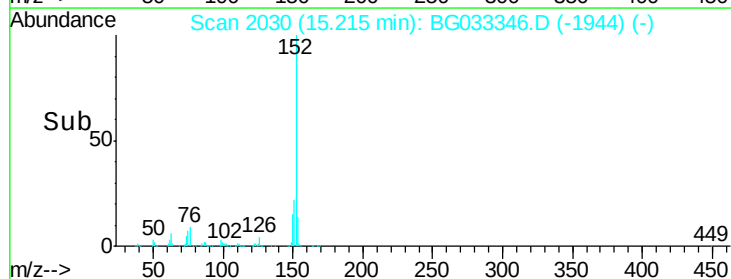
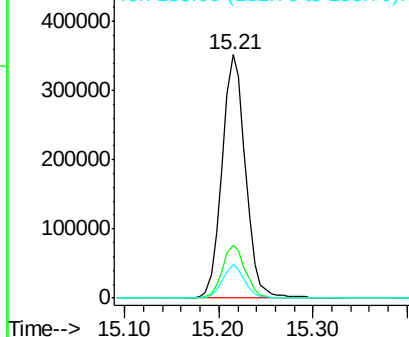
152 100

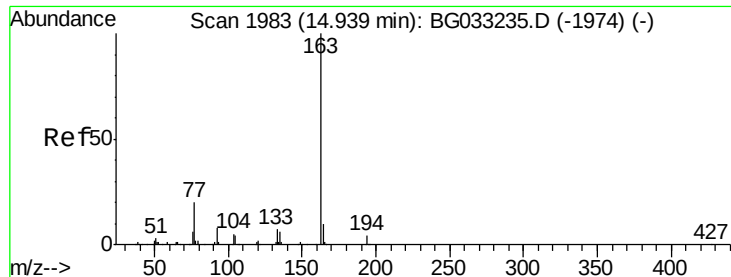
151 21.8 17.2 25.8

153 13.9 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 42.690 ng

RT: 14.91 min Scan# 1978

Delta R.T. -0.03 min

Lab File: BG033346.D

Acq: 27 Mar 2018 1:32

Instrument :

BNA_G

ClientSampleId :

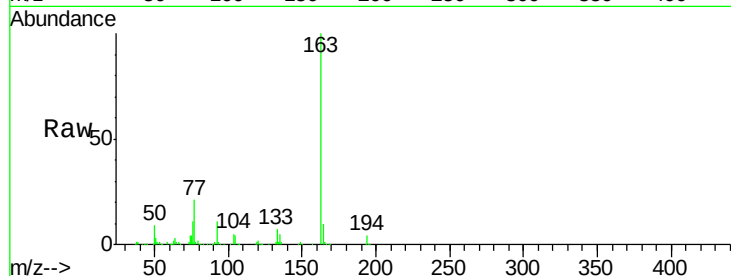
Tot Ion:163 Resp: 530072

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

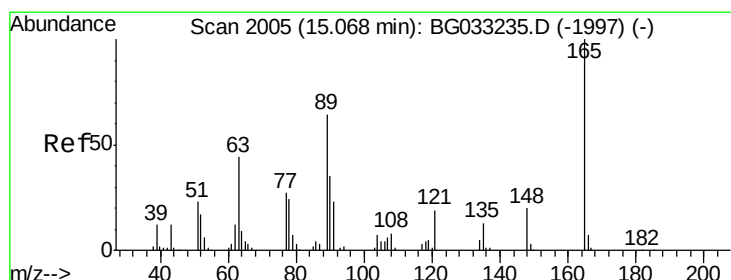
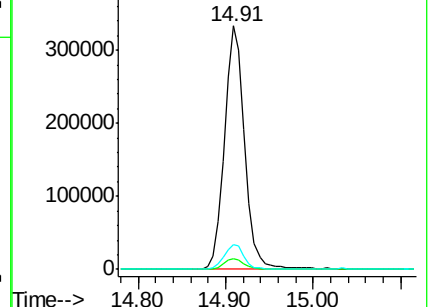
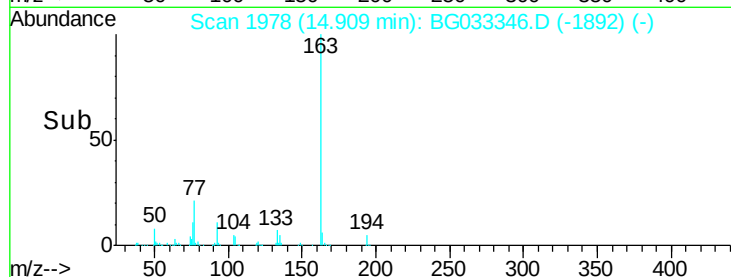
164 10.2 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 46.710 ng

RT: 15.04 min Scan# 2000

Delta R.T. -0.03 min

Lab File: BG033346.D

Acq: 27 Mar 2018 1:32

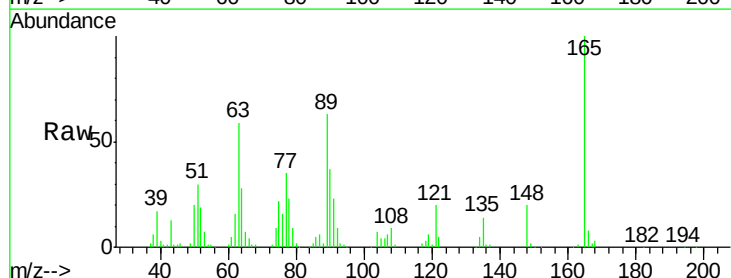
Tgt Ion:165 Resp: 118593

Ion Ratio Lower Upper

165 100

63 59.4 52.7 79.1

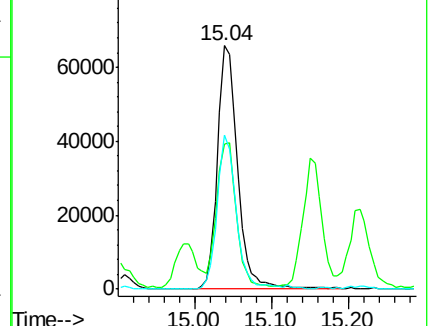
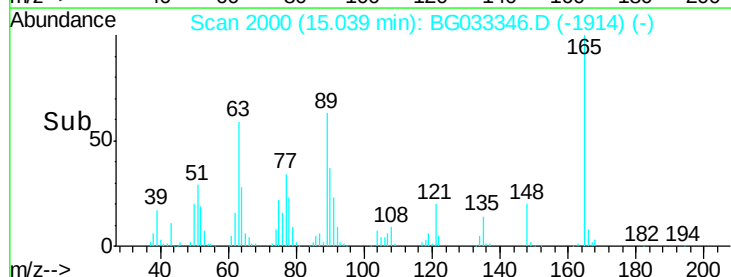
89 63.4 49.2 73.8

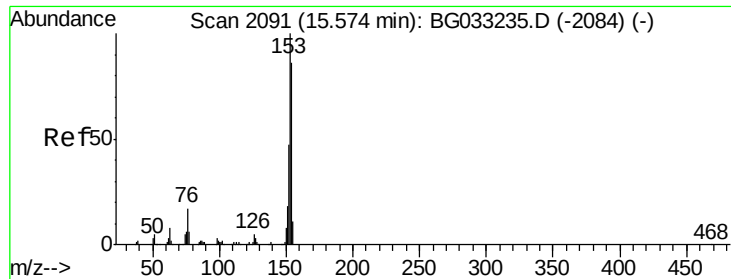


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 43.121 ng

RT: 15.55 min Scan# 2087

Delta R.T. -0.03 min

Lab File: BG033346.D

Acq: 27 Mar 2018 1:32

Instrument :

BNA_G

ClientSampleId :

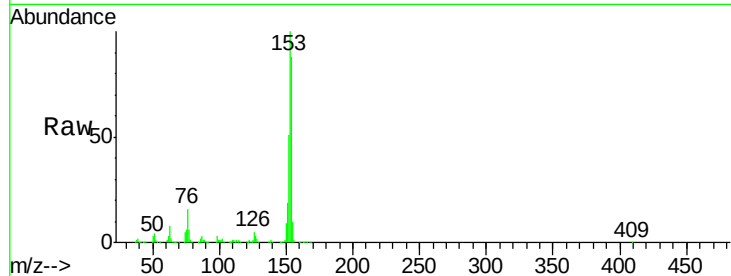
Tot Ion:154 Resp: 392170

Ion Ratio Lower Upper

154 100

153 113.7 90.4 135.6

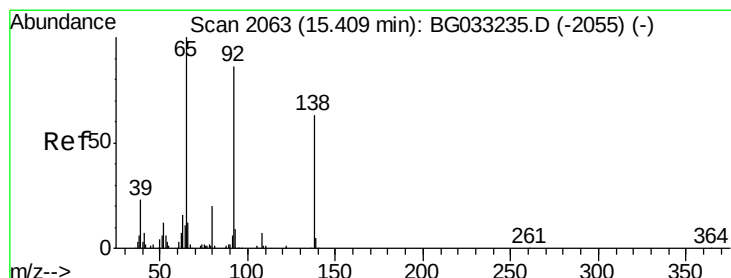
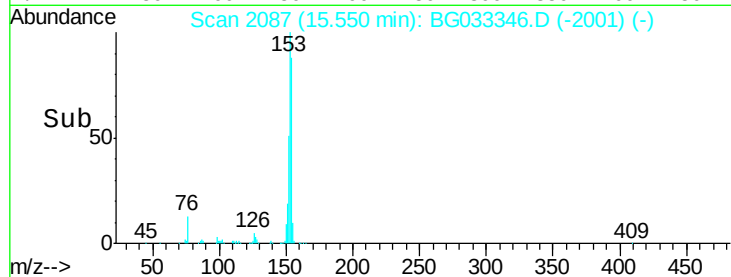
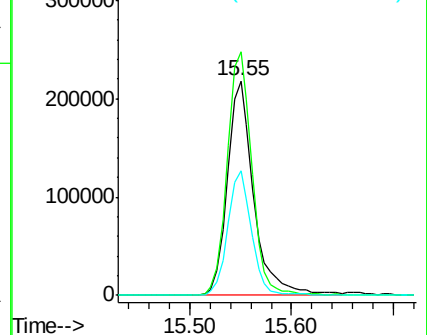
152 58.2 41.6 62.4



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: 13.586 ng

RT: 15.38 min Scan# 2058

Delta R.T. -0.03 min

Lab File: BG033346.D

Acq: 27 Mar 2018 1:32

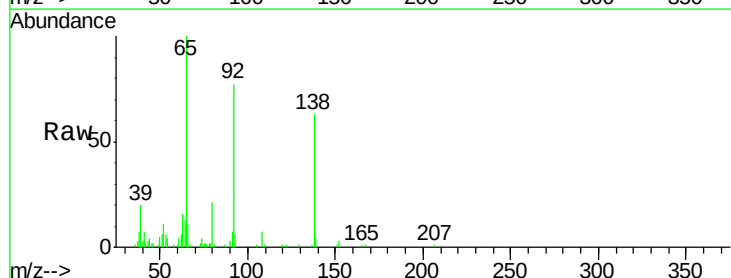
Tgt Ion:138 Resp: 36162

Ion Ratio Lower Upper

138 100

108 11.0 17.5 26.3#

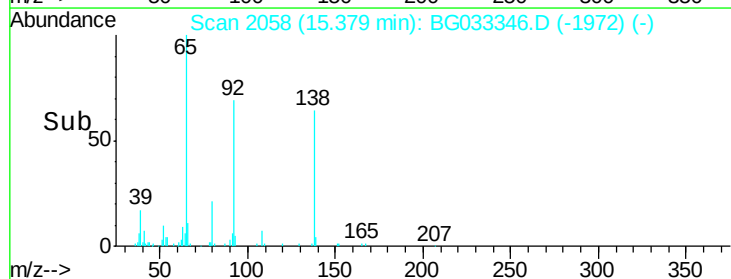
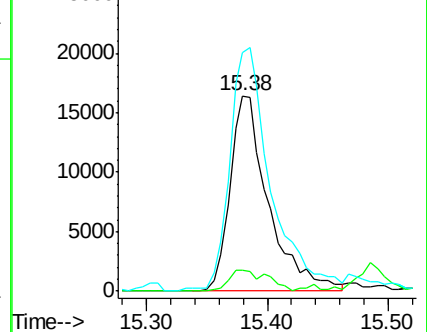
92 122.4 105.8 158.8

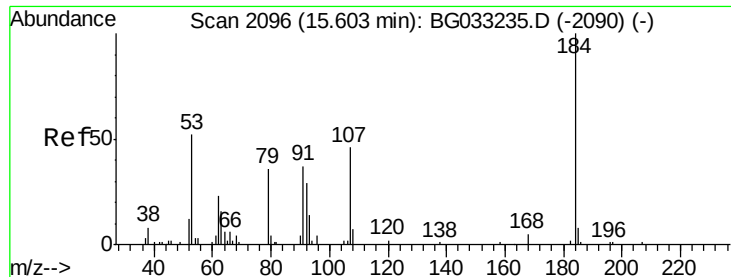


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

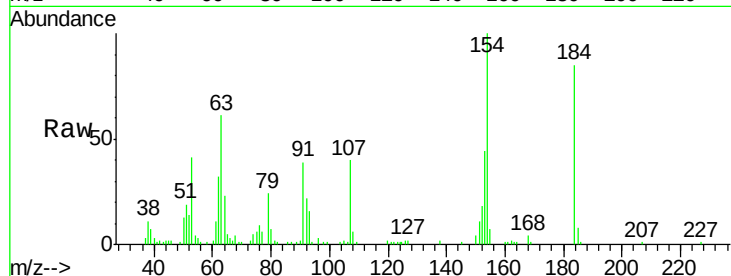




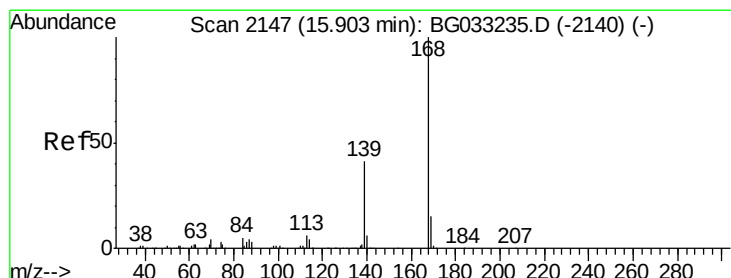
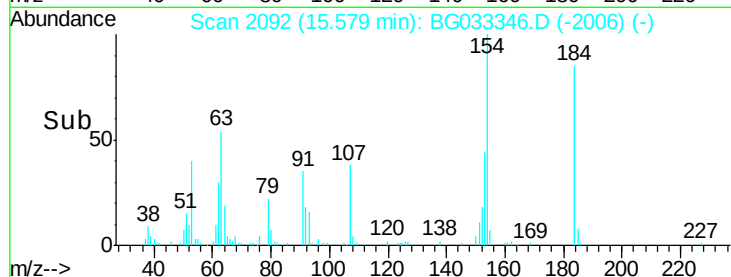
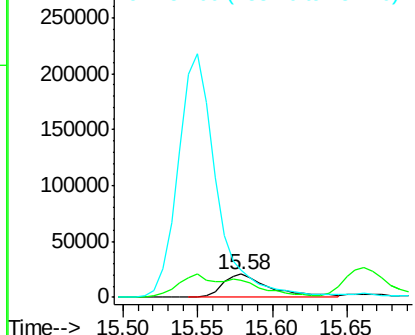
#53
2,4-Dinitrophenol
Concen: 39.213 ng
RT: 15.58 min Scan# 2092
Delta R.T. -0.03 min
Lab File: BG033346.D
Acq: 27 Mar 2018 1:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 45893
Ion Ratio Lower Upper
184 100
63 71.9 59.8 89.8
154 117.4 101.8 152.8

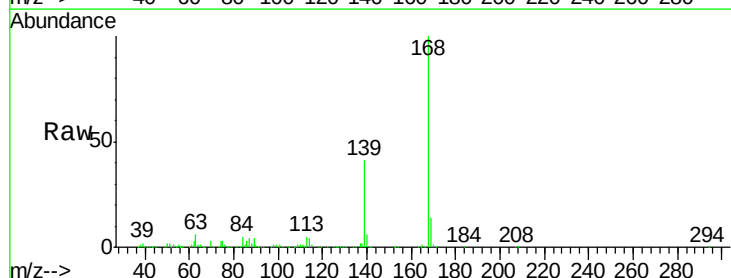


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

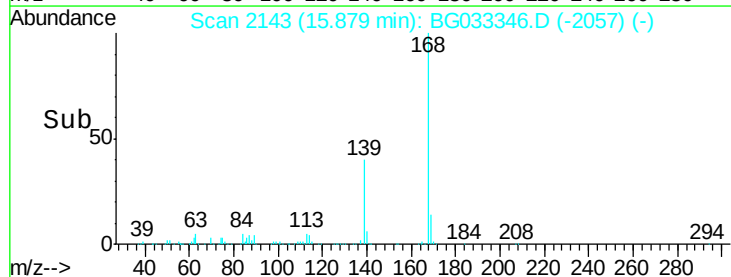
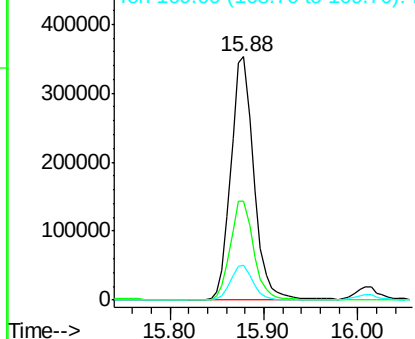


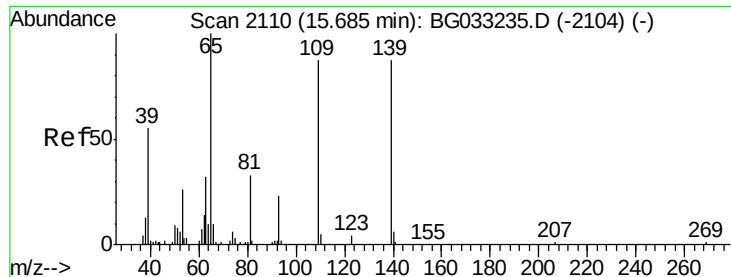
#54
Dibenzofuran
Concen: 44.826 ng
RT: 15.88 min Scan# 2143
Delta R.T. -0.03 min
Lab File: BG033346.D
Acq: 27 Mar 2018 1:32

Tgt Ion:168 Resp: 602182
Ion Ratio Lower Upper
168 100
139 40.6 28.6 43.0
169 14.2 11.2 16.8



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

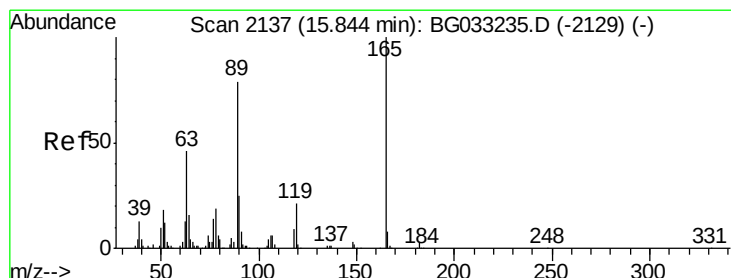
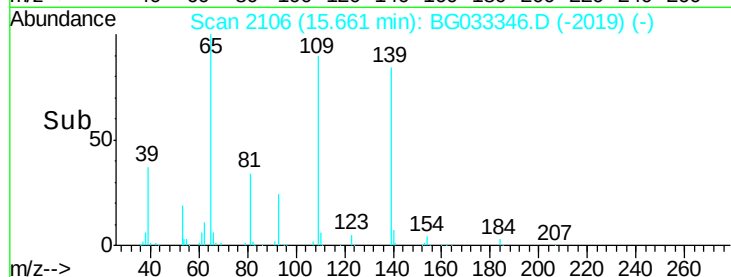
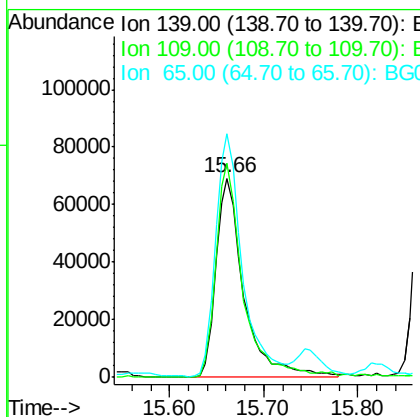
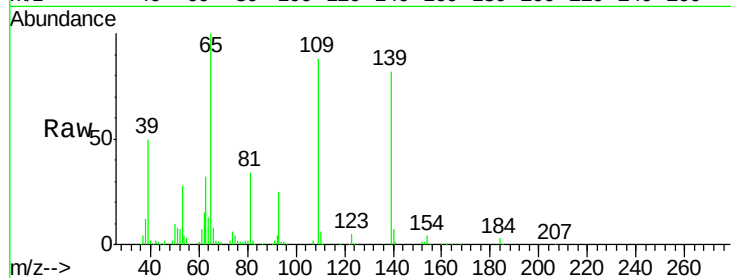




#55
4-Nitrophenol
Concen: 76.871 ng
RT: 15.66 min Scan# 2106
Delta R.T. -0.02 min
Lab File: BG033346.D
Acq: 27 Mar 2018 1:32

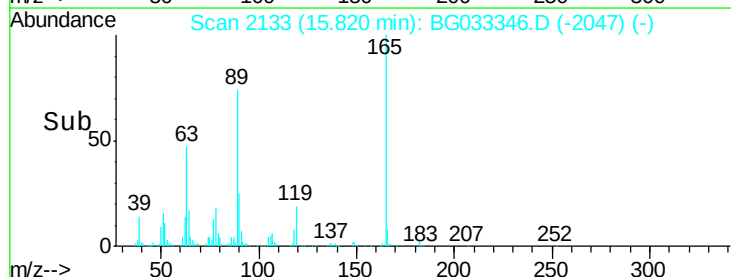
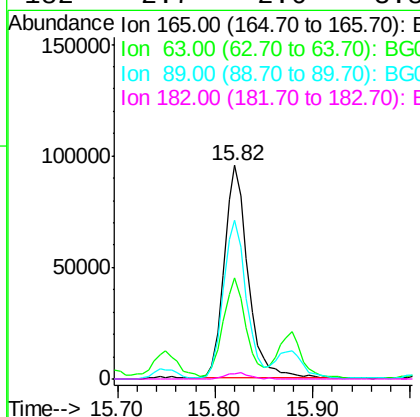
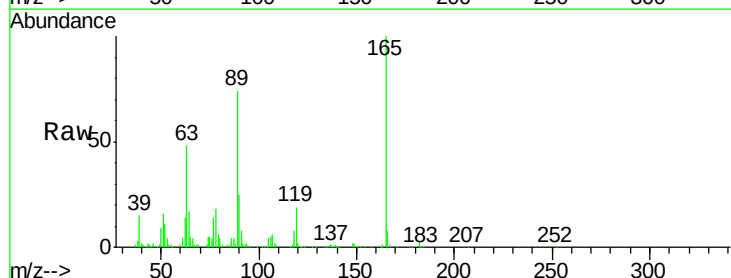
Instrument :
BNA_G
ClientSampleId :

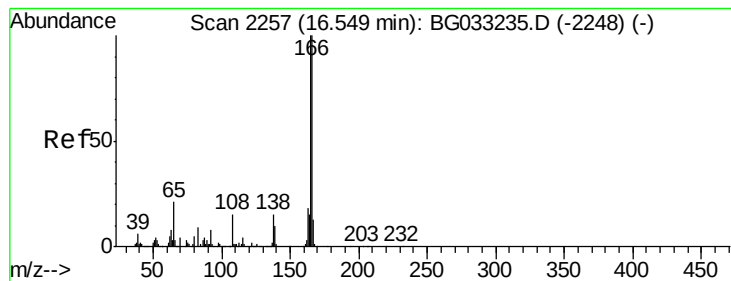
Tot Ion:139 Resp: 143879
Ion Ratio Lower Upper
139 100
109 107.5 62.2 102.2#
65 122.4 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 43.293 ng
RT: 15.82 min Scan# 2133
Delta R.T. -0.03 min
Lab File: BG033346.D
Acq: 27 Mar 2018 1:32

Tgt Ion:165 Resp: 161842
Ion Ratio Lower Upper
165 100
63 47.6 42.0 63.0
89 74.5 66.9 100.3
182 2.7 2.6 3.8





#57

Fluorene

Concen: 43.395 ng

RT: 16.52 min Scan# 2252

Delta R.T. -0.03 min

Lab File: BG033346.D

Acq: 27 Mar 2018 1:32

Instrument :

BNA_G

ClientSampleId :

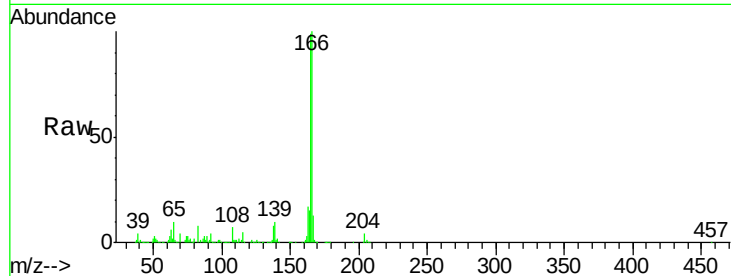
Tot Ion:166 Resp: 496636

Ion Ratio Lower Upper

166 100

165 99.4 80.6 121.0

167 13.2 10.4 15.6

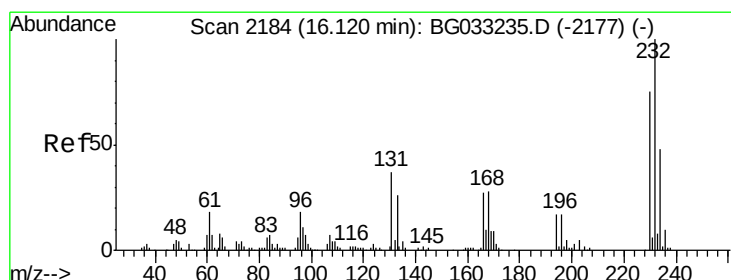
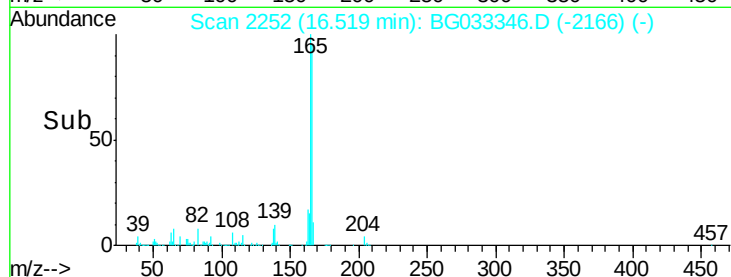
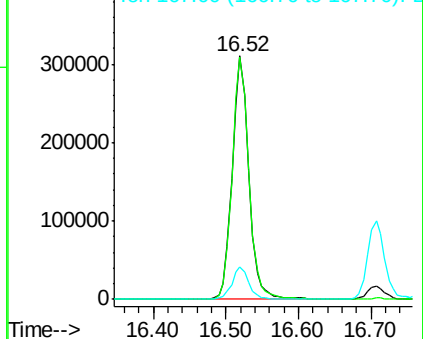


Abundance

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: 45.200 ng

RT: 16.09 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BG033346.D

Acq: 27 Mar 2018 1:32

Tgt Ion:232 Resp: 151027

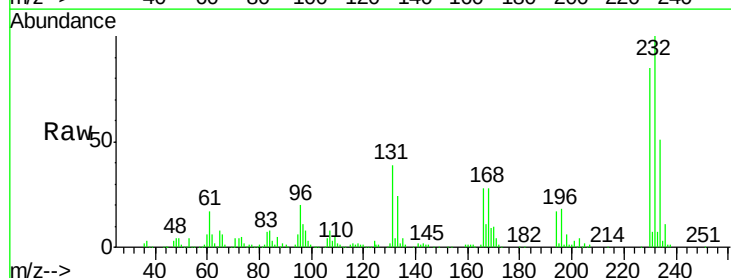
Ion Ratio Lower Upper

232 100

131 40.9 33.5 50.3

130 2.1 2.2 3.2#

166 27.0 24.8 37.2



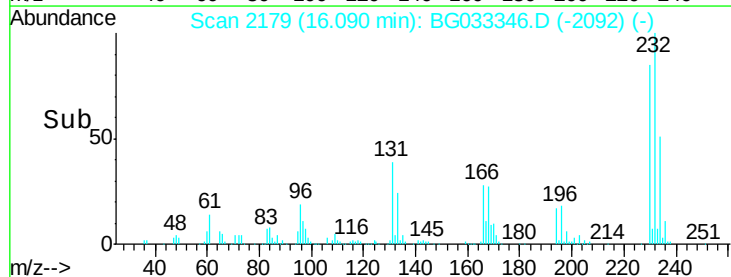
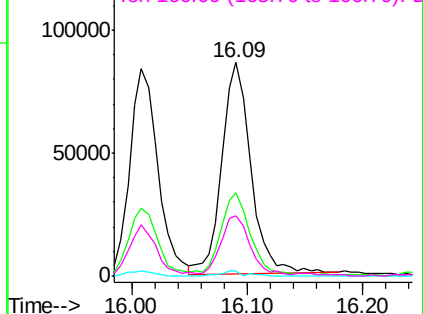
Abundance

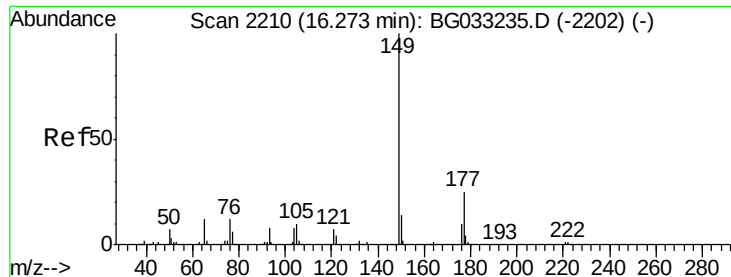
Ion 232.00 (231.70 to 232.70): E

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

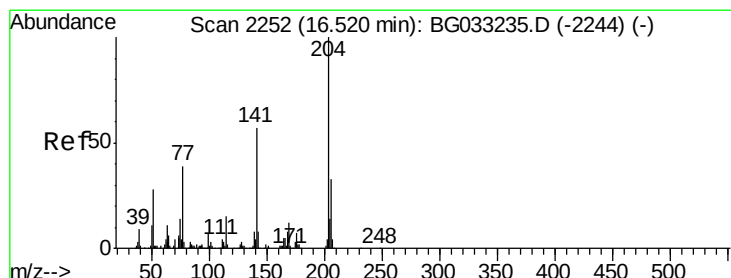
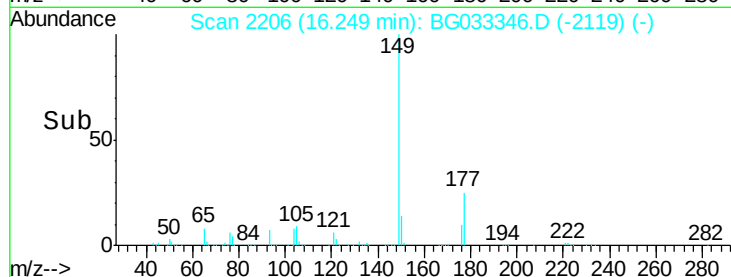
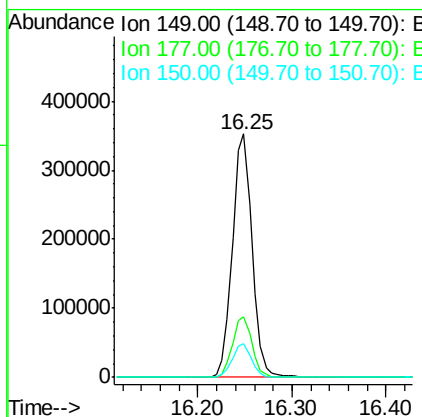
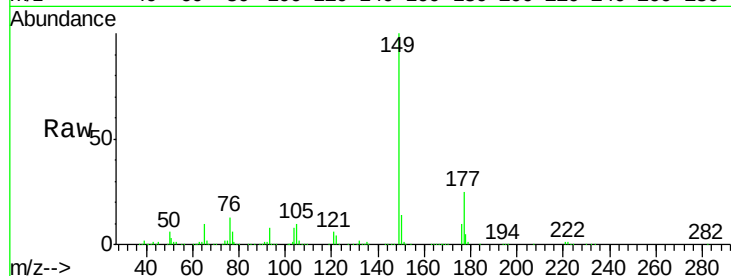




#59
Diethylphthalate
Concen: 42.634 ng
RT: 16.25 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BG033346.D
Acq: 27 Mar 2018 1:32

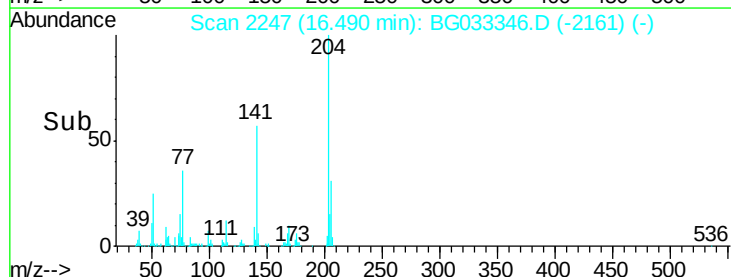
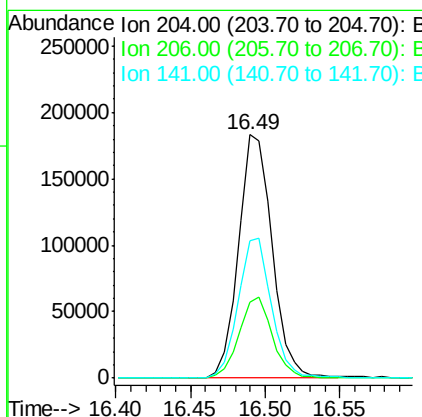
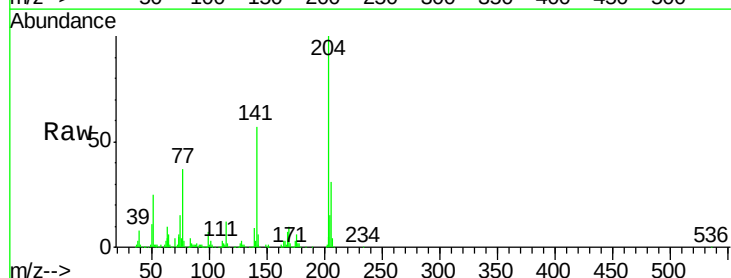
Instrument :
BNA_G
ClientSampleId :

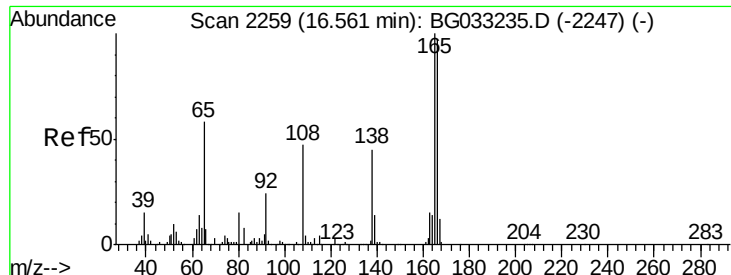
Tot Ion:149 Resp: 514038
Ion Ratio Lower Upper
149 100
177 24.9 18.5 27.7
150 14.1 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 43.434 ng
RT: 16.49 min Scan# 2247
Delta R.T. -0.03 min
Lab File: BG033346.D
Acq: 27 Mar 2018 1:32

Tgt Ion:204 Resp: 285743
Ion Ratio Lower Upper
204 100
206 31.1 26.2 39.2
141 56.6 45.8 68.6





#61

4-Nitroaniline

Concen: 35.191 ng

RT: 16.54 min Scan# 2255

Delta R.T. -0.02 min

Lab File: BG033346.D

Acq: 27 Mar 2018 1:32

Instrument :

BNA_G

ClientSampled :

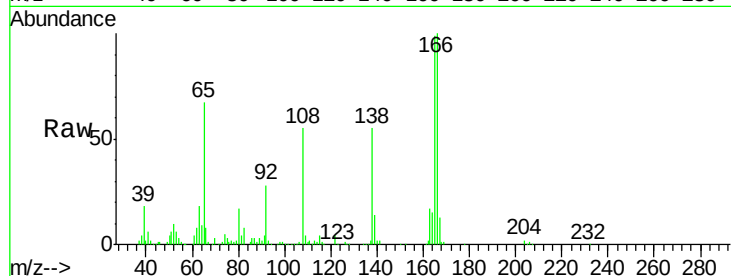
Tot Ion:138 Resp: 94858

Ion Ratio Lower Upper

138 100

92 50.8 40.1 80.1

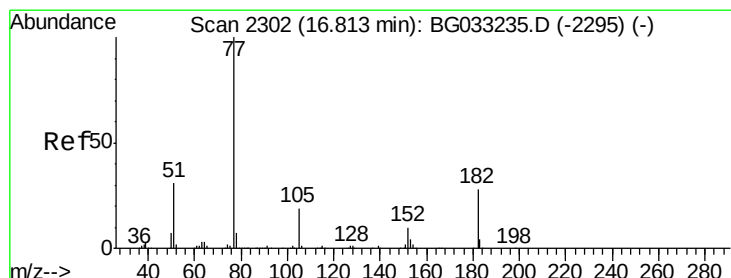
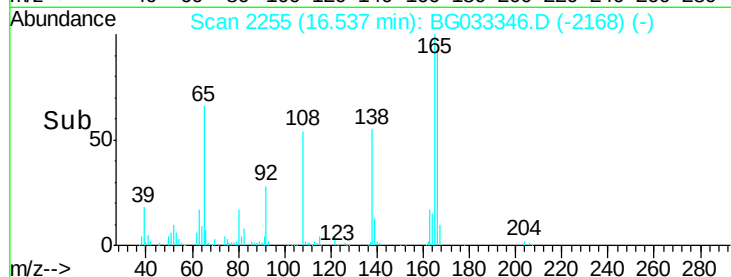
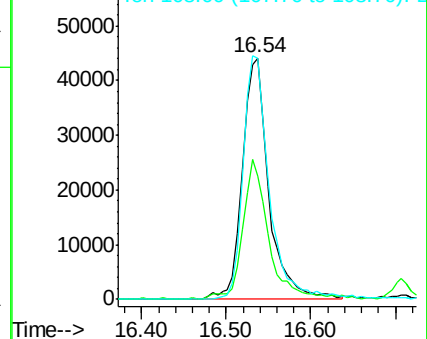
108 100.0 65.4 105.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.043 ng

RT: 16.79 min Scan# 2298

Delta R.T. -0.02 min

Lab File: BG033346.D

Acq: 27 Mar 2018 1:32

Tgt Ion: 77 Resp: 491043

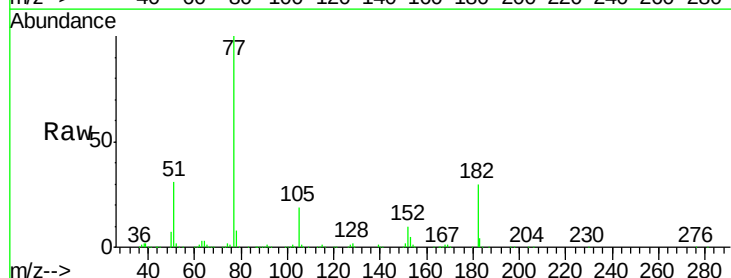
Ion Ratio Lower Upper

77 100

182 29.5 7.4 47.4

105 19.1 0.3 40.3

51 30.7 11.6 51.6

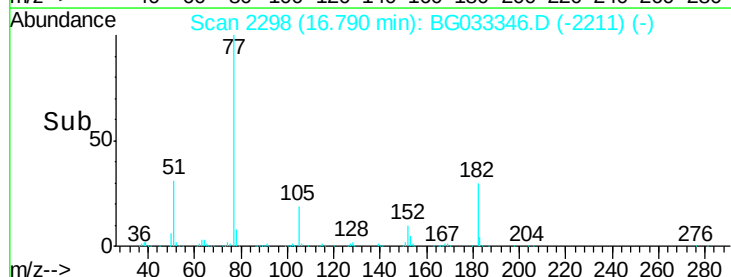
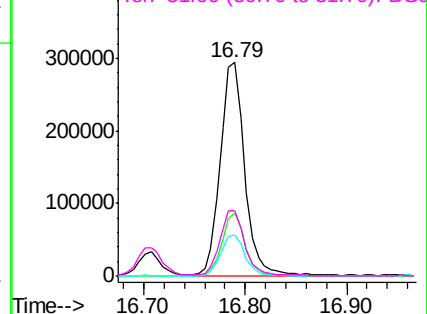


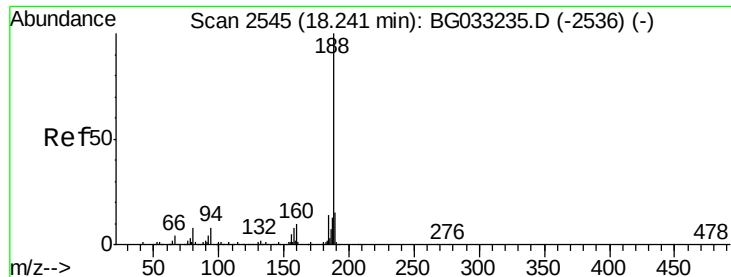
Abundance Ion 77.00 (76.70 to 77.70): BGC

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

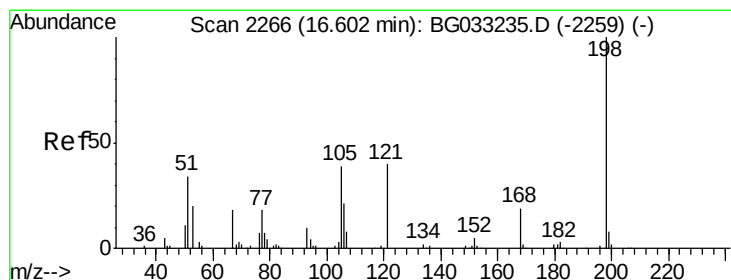
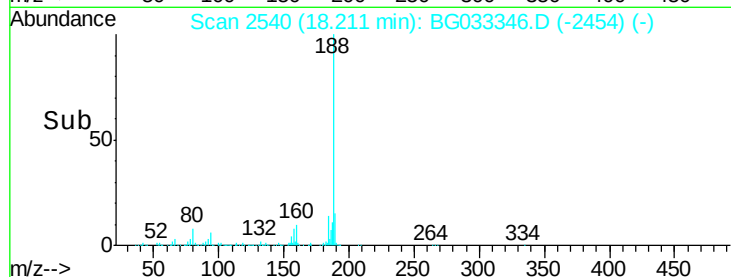
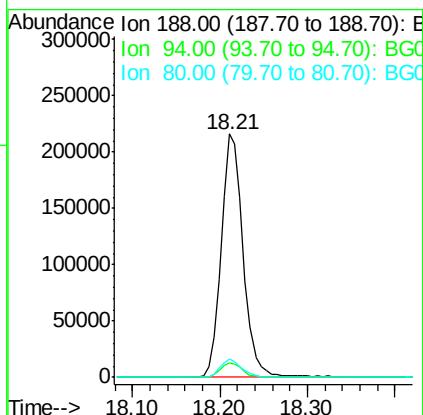
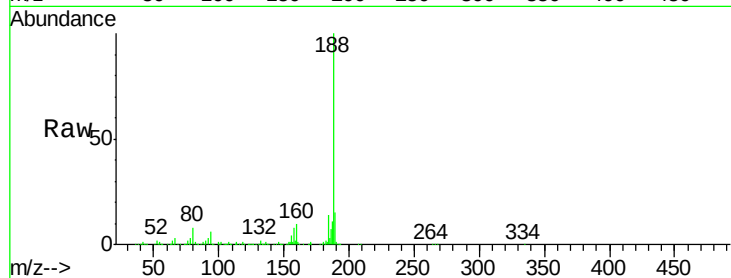




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.03 min
Lab File: BG033346.D
Acq: 27 Mar 2018 1:32

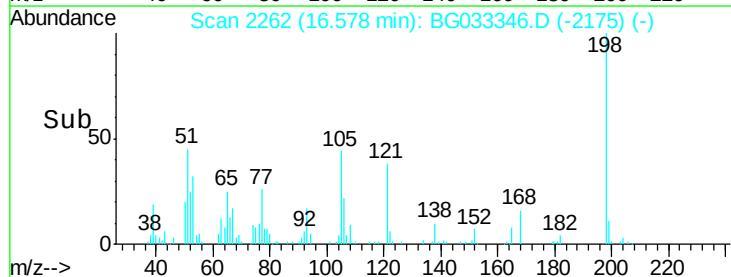
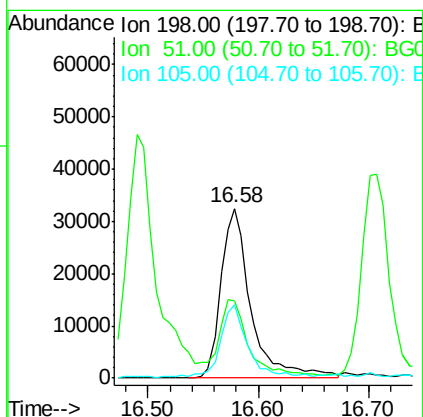
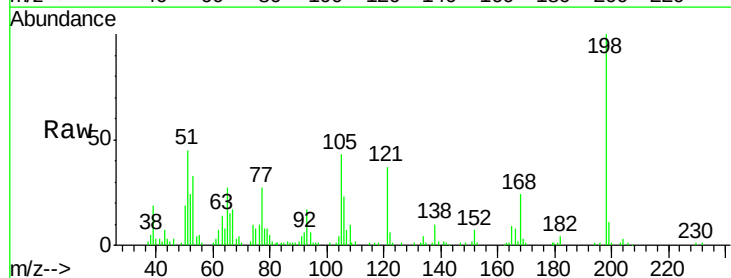
Instrument :
BNA_G
ClientSampleId :

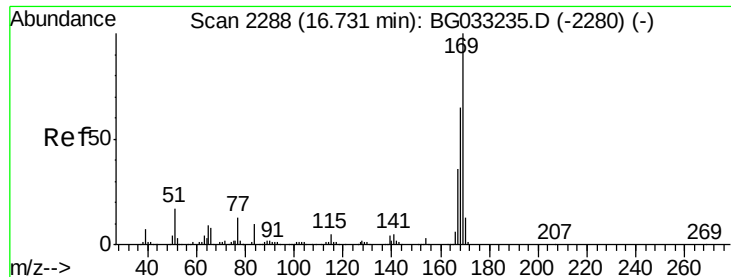
Tot Ion:188 Resp: 373237
Ion Ratio Lower Upper
188 100
94 6.2 6.9 10.3#
80 7.6 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 27.476 ng
RT: 16.58 min Scan# 2262
Delta R.T. -0.02 min
Lab File: BG033346.D
Acq: 27 Mar 2018 1:32

Tgt Ion:198 Resp: 61349
Ion Ratio Lower Upper
198 100
51 45.3 30.6 70.6
105 43.3 23.8 63.8

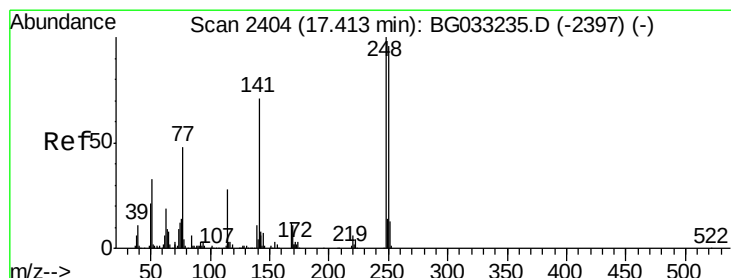
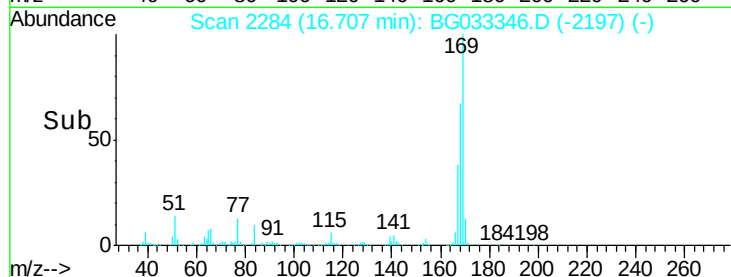
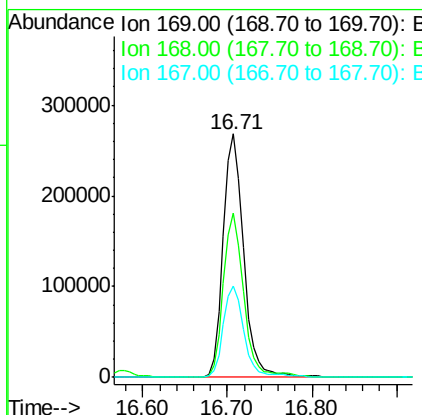
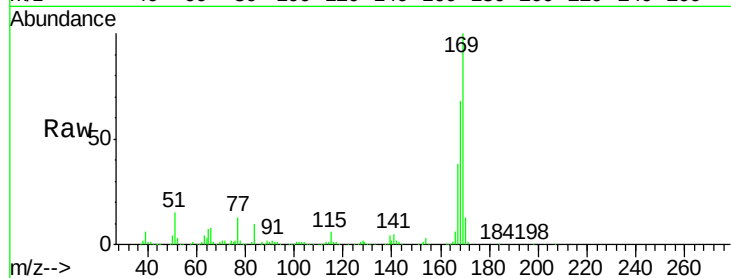




#65
 n-Nitrosodiphenylamine
 Concen: 42.467 ng
 RT: 16.71 min Scan# 2284
 Delta R.T. -0.02 min
 Lab File: BG033346.D
 Acq: 27 Mar 2018 1:32

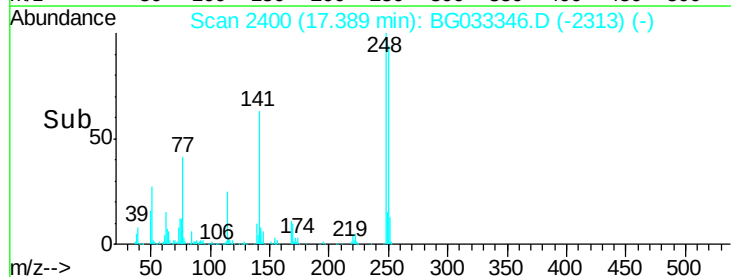
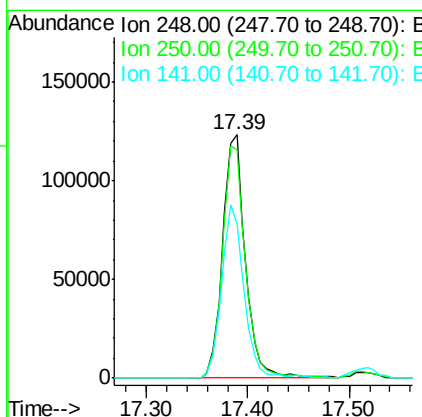
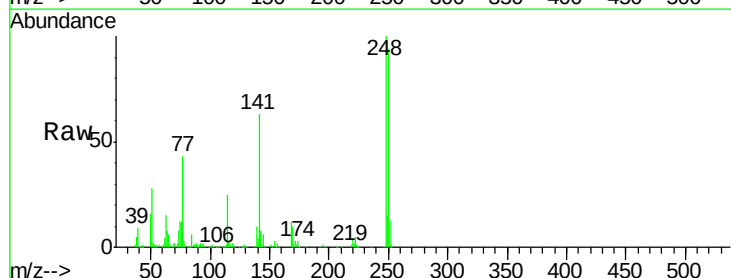
Instrument :
 BNA_G
 ClientSampleId :

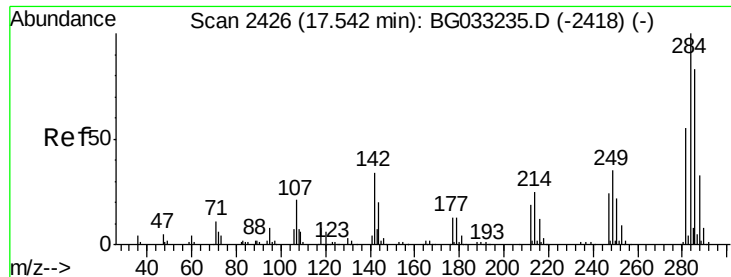
Tot Ion:169 Resp: 452504
 Ion Ratio Lower Upper
 169 100
 168 67.7 55.7 83.5
 167 37.6 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 43.870 ng
 RT: 17.39 min Scan# 2400
 Delta R.T. -0.02 min
 Lab File: BG033346.D
 Acq: 27 Mar 2018 1:32

Tgt Ion:248 Resp: 192297
 Ion Ratio Lower Upper
 248 100
 250 93.6 77.1 115.7
 141 63.5 50.8 76.2





#67

Hexachlorobenzene

Concen: 42.752 ng

RT: 17.52 min Scan# 2422

Delta R.T. -0.03 min

Lab File: BG033346.D

Acq: 27 Mar 2018 1:32

Instrument :

BNA_G

ClientSampleId :

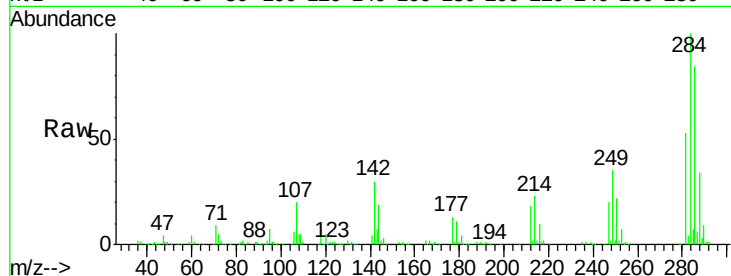
Tot Ion:284 Resp: 197770

Ion Ratio Lower Upper

284 100

142 30.5 26.8 40.2

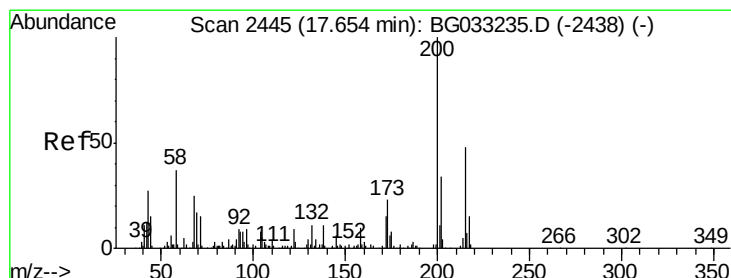
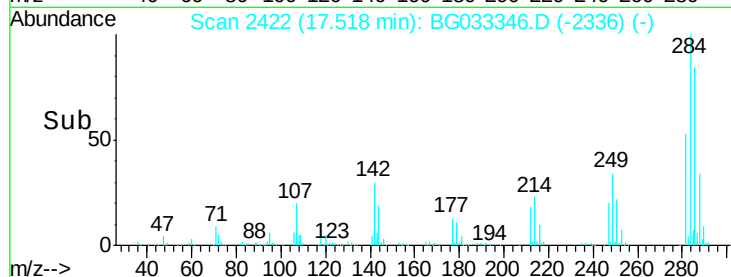
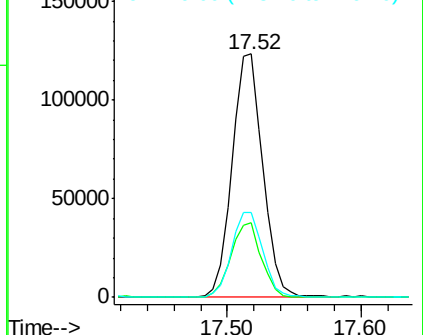
249 34.6 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 43.160 ng

RT: 17.62 min Scan# 2440

Delta R.T. -0.03 min

Lab File: BG033346.D

Acq: 27 Mar 2018 1:32

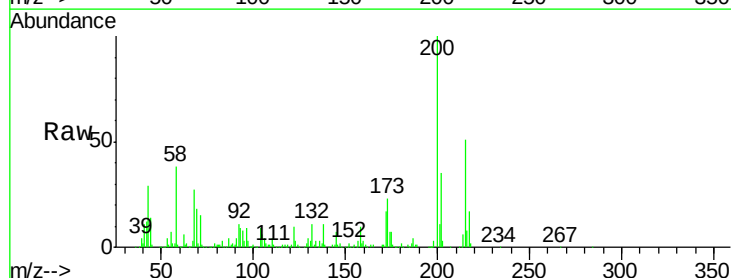
Tgt Ion:200 Resp: 186355

Ion Ratio Lower Upper

200 100

173 23.2 5.2 45.2

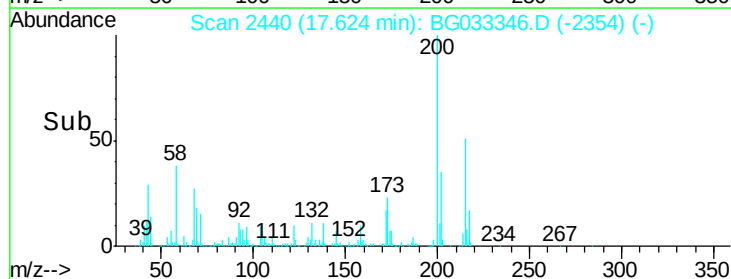
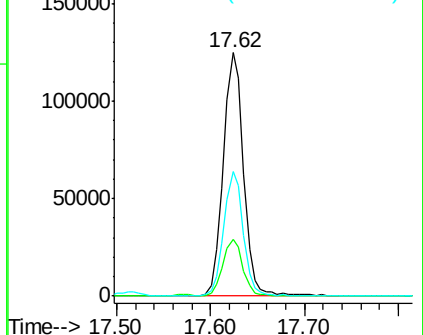
215 51.0 30.4 70.4

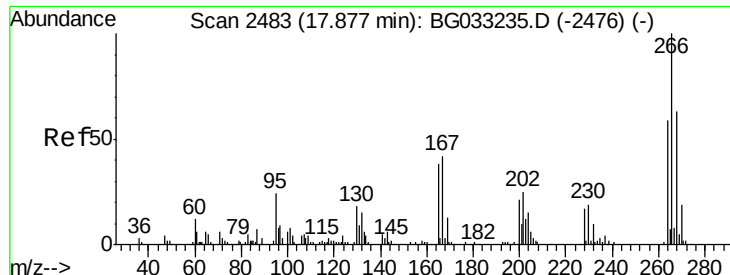


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

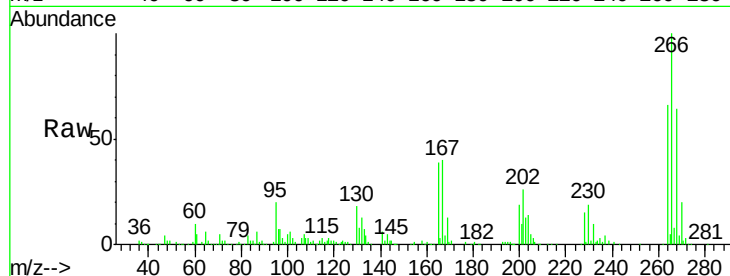




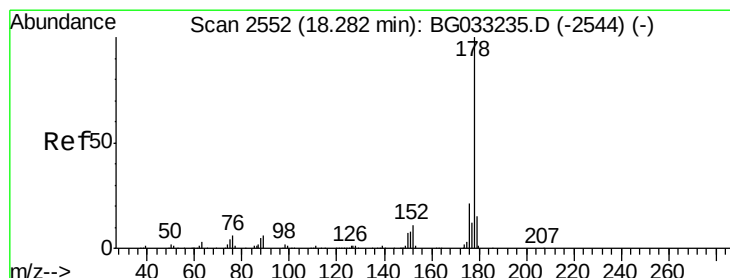
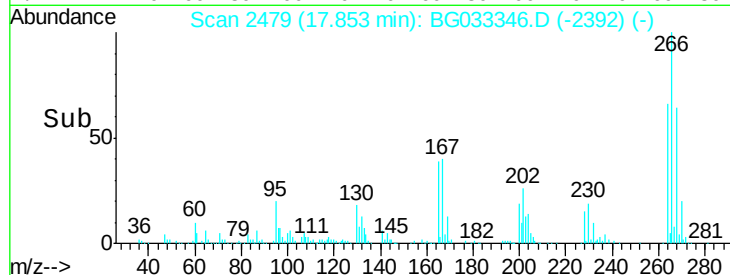
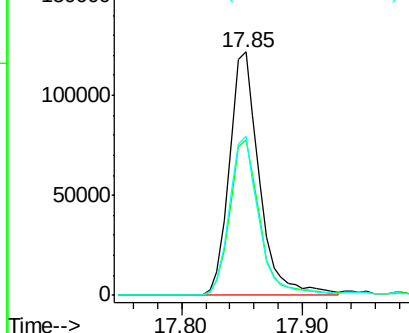
#69
 Pentachlorophenol
 Concen: 66.219 ng
 RT: 17.85 min Scan# 2479
 Delta R.T. -0.02 min
 Lab File: BG033346.D
 Acq: 27 Mar 2018 1:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.1	76.7
264	65.6	49.6	74.4

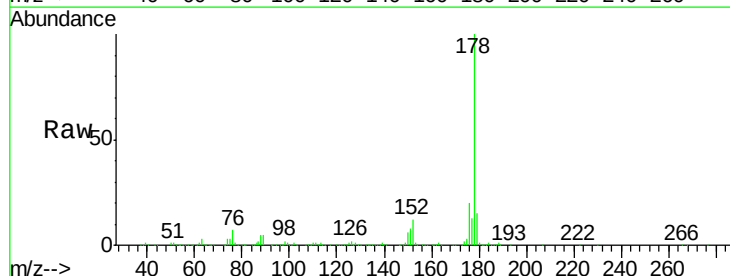


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

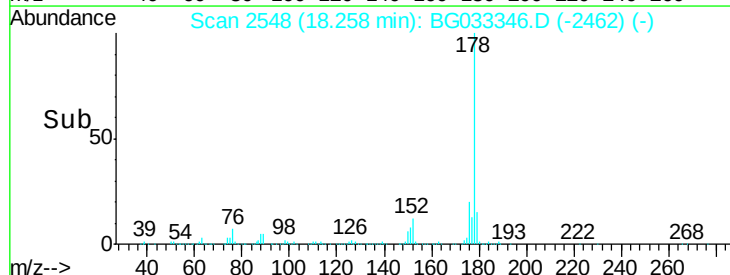
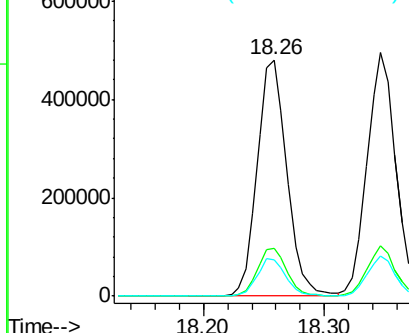


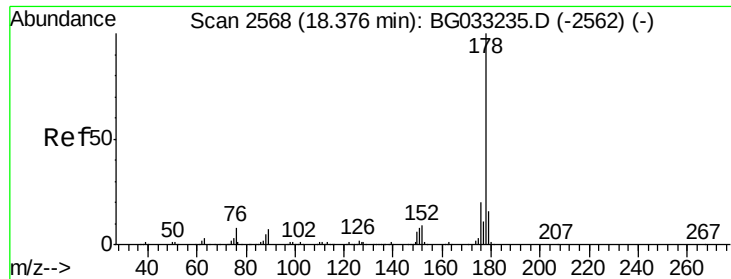
#70
 Phenanthrene
 Concen: 42.213 ng
 RT: 18.26 min Scan# 2548
 Delta R.T. -0.03 min
 Lab File: BG033346.D
 Acq: 27 Mar 2018 1:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.7	23.5
179	15.4	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

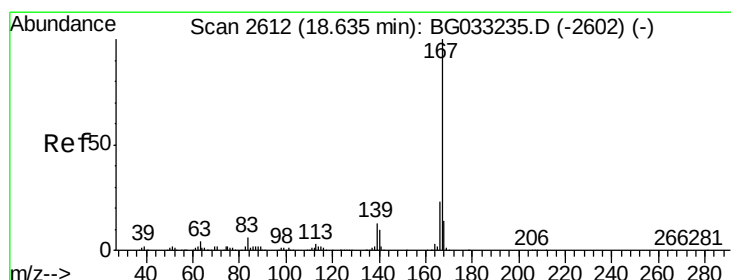
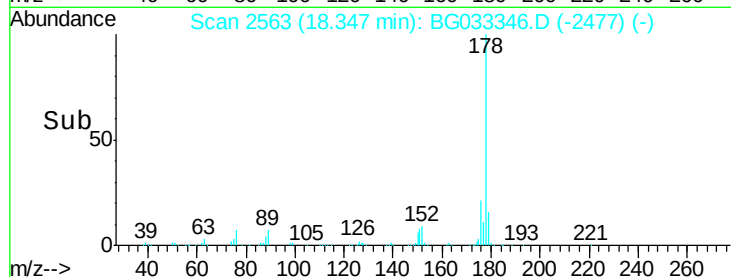
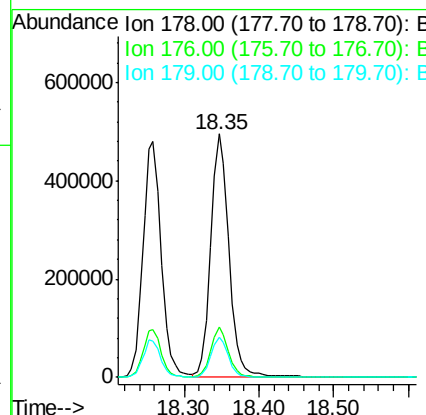
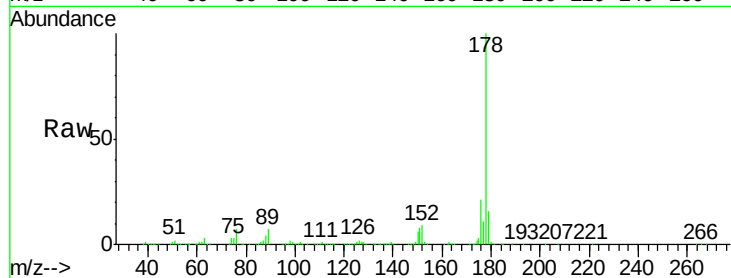




#71
 Anthracene
 Concen: 42.907 ng
 RT: 18.35 min Scan# 2563
 Delta R.T. -0.03 min
 Lab File: BG033346.D
 Acq: 27 Mar 2018 1:32

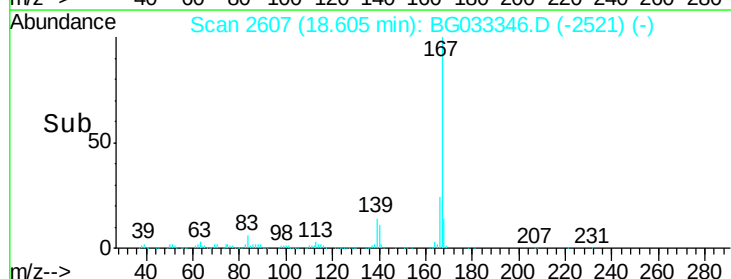
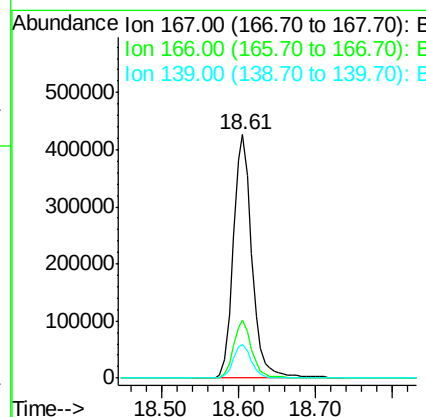
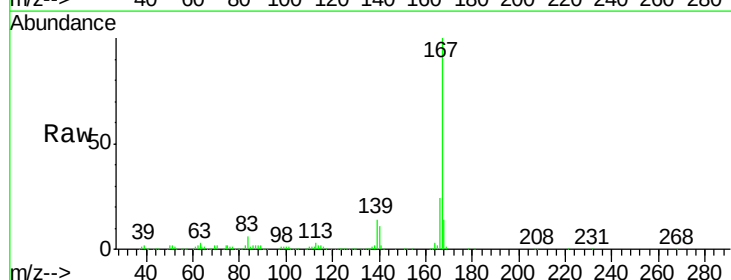
Instrument :
 BNA_G
 ClientSampleId :

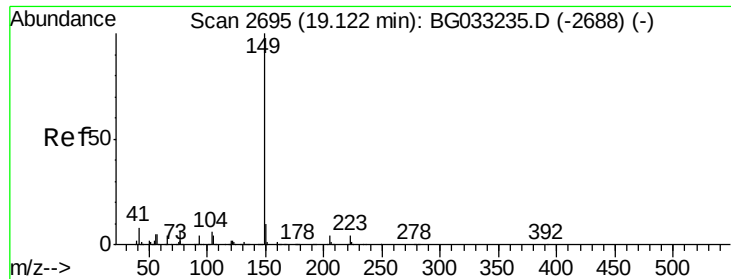
Tot Ion:178 Resp: 844477
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.0 24.0
 179 16.4 12.5 18.7



#72
 Carbazole
 Concen: 41.299 ng
 RT: 18.61 min Scan# 2607
 Delta R.T. -0.03 min
 Lab File: BG033346.D
 Acq: 27 Mar 2018 1:32

Tgt Ion:167 Resp: 720279
 Ion Ratio Lower Upper
 167 100
 166 23.9 18.2 27.4
 139 14.0 9.4 14.2





#73

Di-n-butylphthalate

Concen: 42.399 ng

RT: 19.10 min Scan# 2691

Delta R.T. -0.03 min

Lab File: BG033346.D

Acq: 27 Mar 2018 1:32

Instrument :

BNA_G

ClientSampleId :

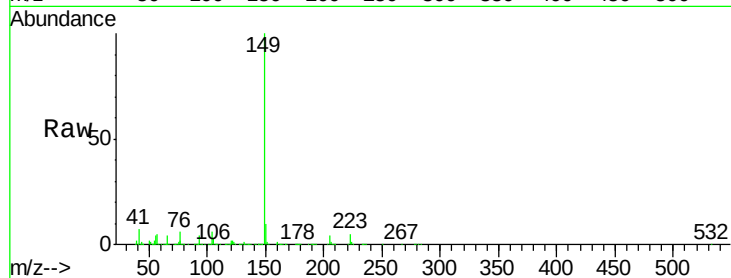
Tot Ion:149 Resp: 860712

Ion Ratio Lower Upper

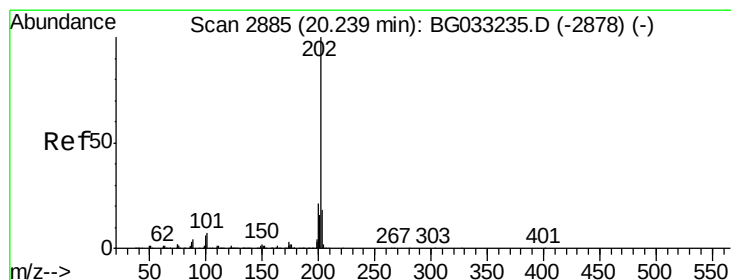
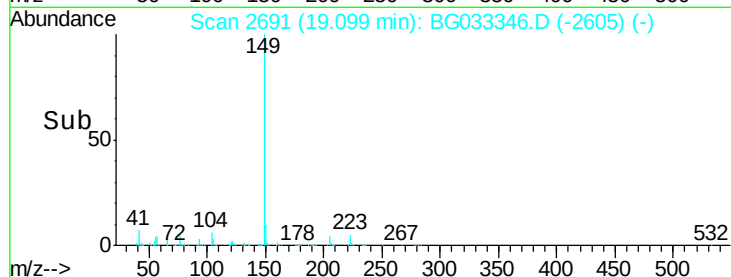
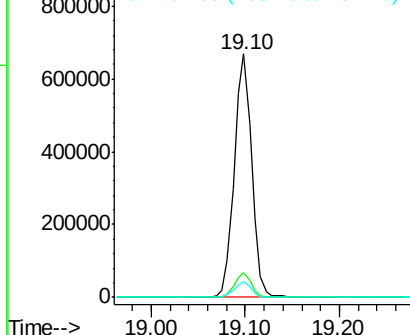
149 100

150 10.0 7.8 11.6

104 6.3 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: 42.347 ng

RT: 20.21 min Scan# 2880

Delta R.T. -0.03 min

Lab File: BG033346.D

Acq: 27 Mar 2018 1:32

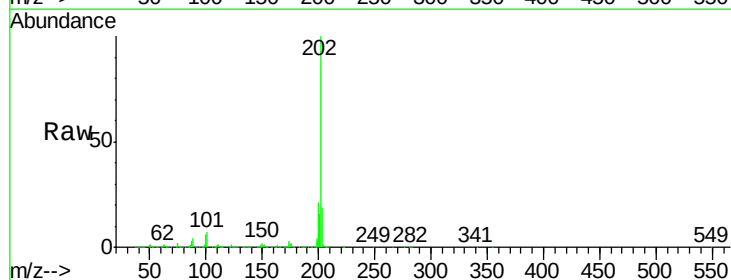
Tgt Ion:202 Resp: 1018625

Ion Ratio Lower Upper

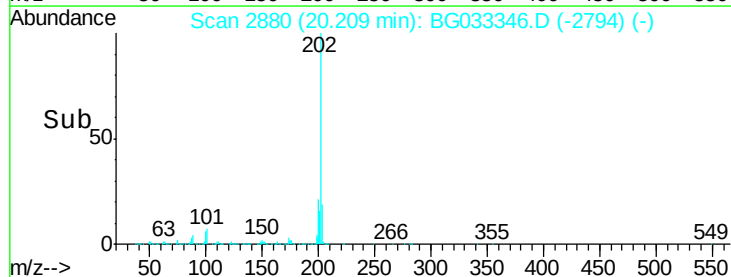
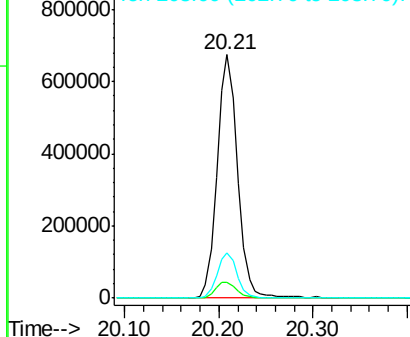
202 100

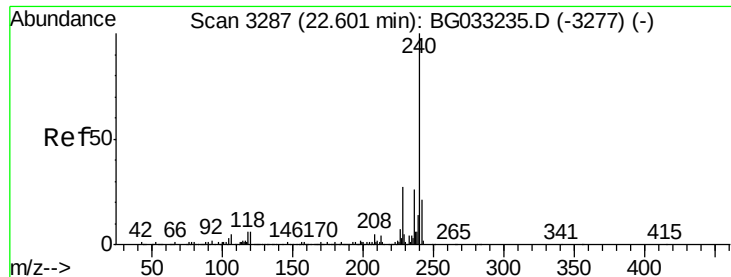
101 6.6 0.0 28.9

203 18.7 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: 22.56 min Scan# 3280

Delta R.T. -0.04 min

Lab File: BG033346.D

Acq: 27 Mar 2018 1:32

Instrument :

BNA_G

ClientSampleId :

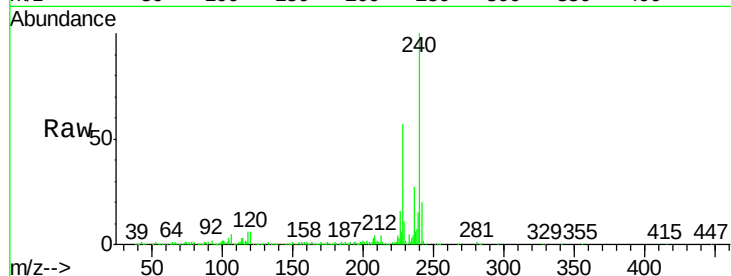
Tot Ion:240 Resp: 392549

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

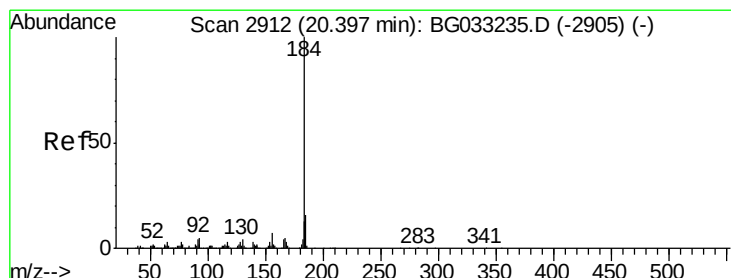
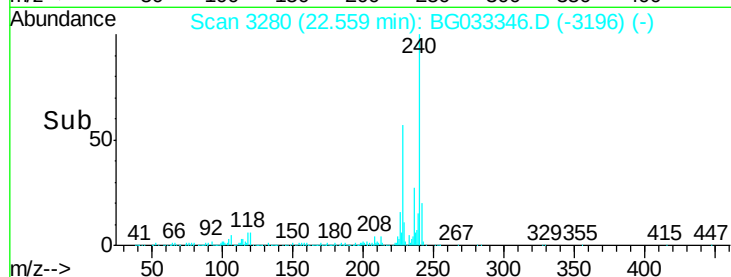
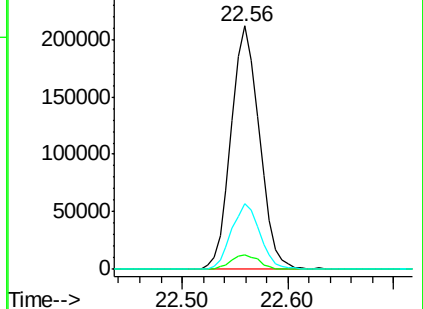
236 26.8 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 4.071 ng

RT: 20.37 min Scan# 2908

Delta R.T. -0.02 min

Lab File: BG033346.D

Acq: 27 Mar 2018 1:32

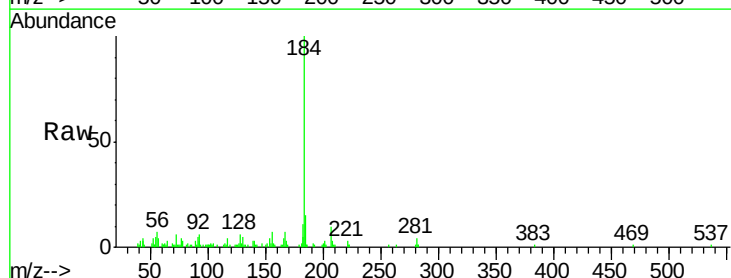
Tgt Ion:184 Resp: 43336

Ion Ratio Lower Upper

184 100

185 14.6 11.1 16.7

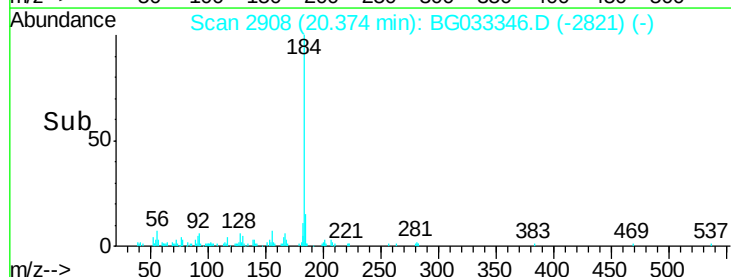
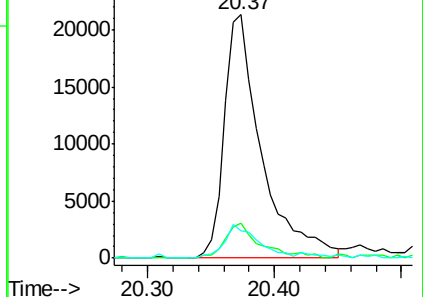
183 11.5 10.6 16.0

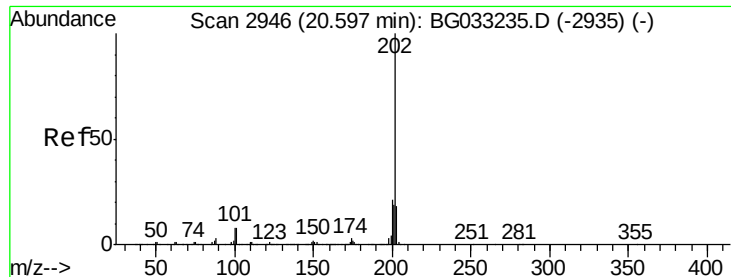


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

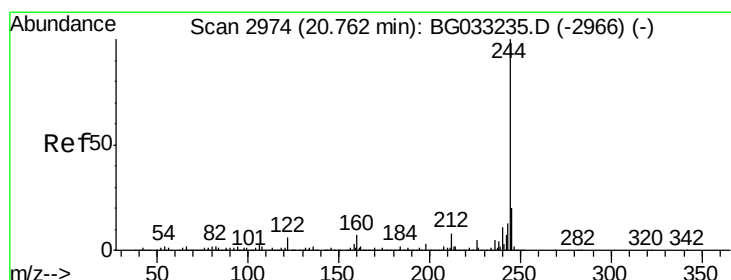
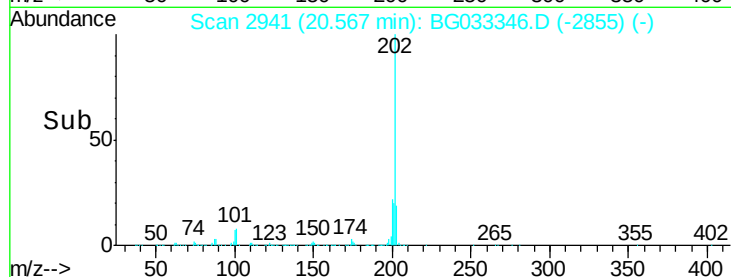
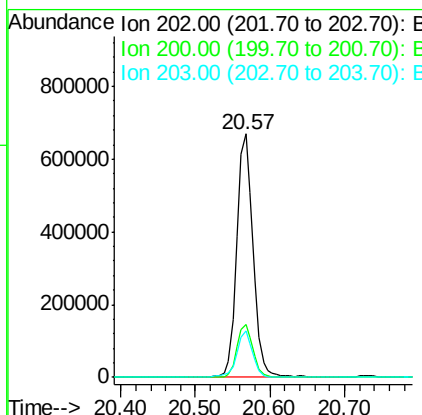
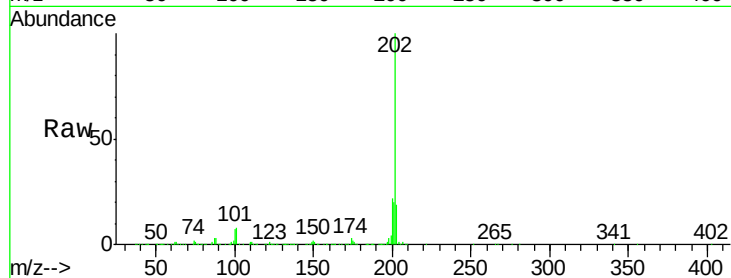




#77
Pvrene
Concen: 38.832 ng
RT: 20.57 min Scan# 2941
Delta R.T. -0.03 min
Lab File: BG033346.D
Acq: 27 Mar 2018 1:32

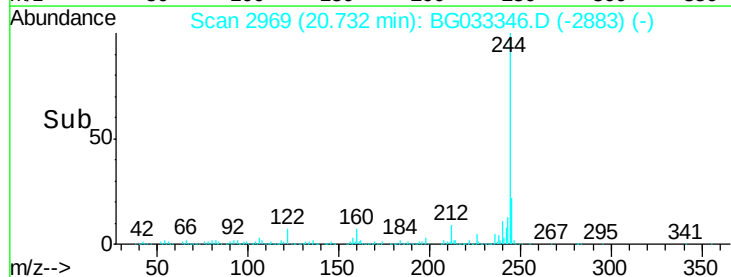
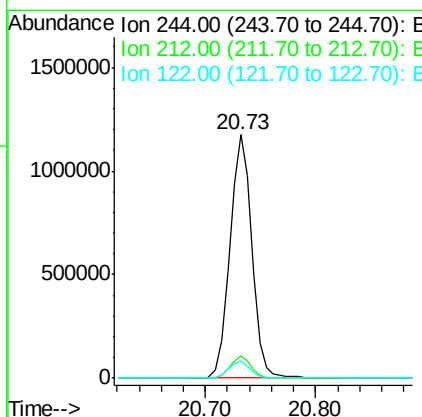
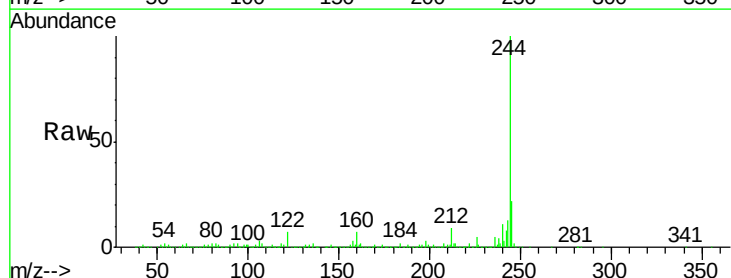
Instrument :
BNA_G
ClientSampleId :

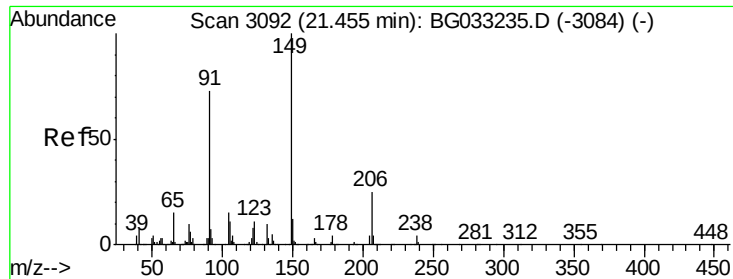
Tot Ion:202 Resp: 1016652
Ion Ratio Lower Upper
202 100
200 21.7 16.9 25.3
203 18.9 13.9 20.9



#78
Terphenyl-d14
Concen: 89.131 ng
RT: 20.73 min Scan# 2969
Delta R.T. -0.03 min
Lab File: BG033346.D
Acq: 27 Mar 2018 1:32

Tgt Ion:244 Resp: 1636023
Ion Ratio Lower Upper
244 100
212 9.0 5.8 8.8#
122 6.9 7.0 10.4#

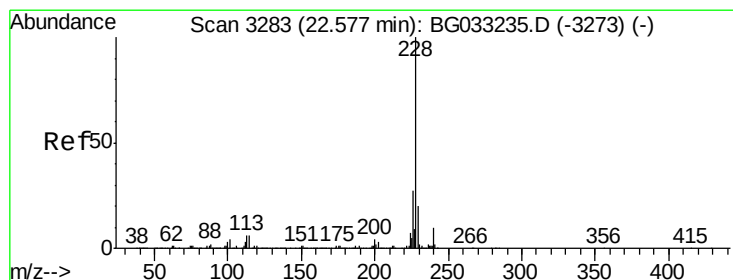
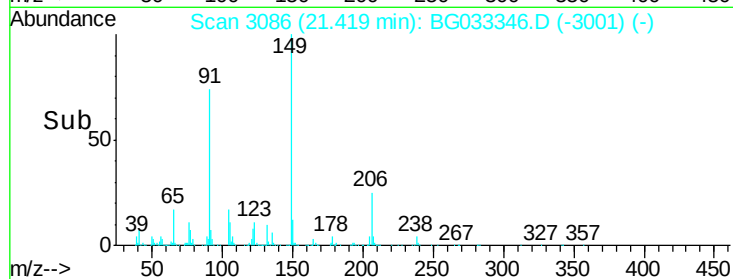
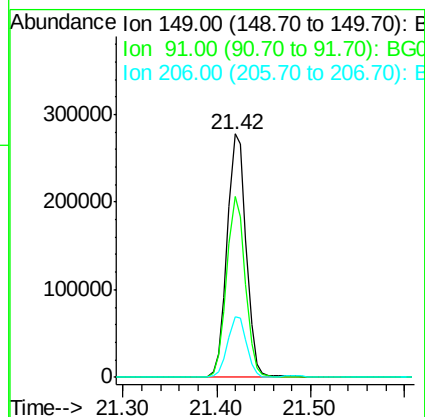
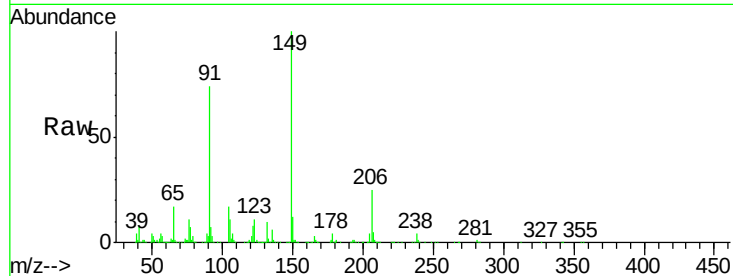




#79
Butylbenzylphthalate
Concen: 40.747 ng
RT: 21.42 min Scan# 3086
Delta R.T. -0.03 min
Lab File: BG033346.D
Acq: 27 Mar 2018 1:32

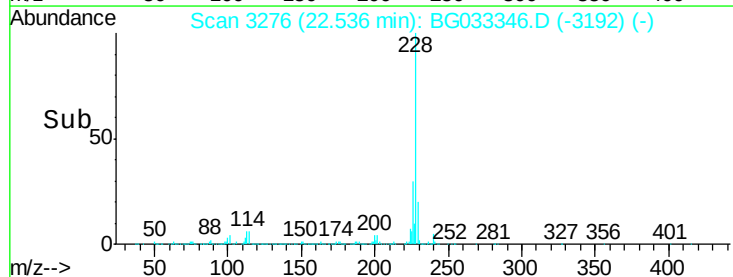
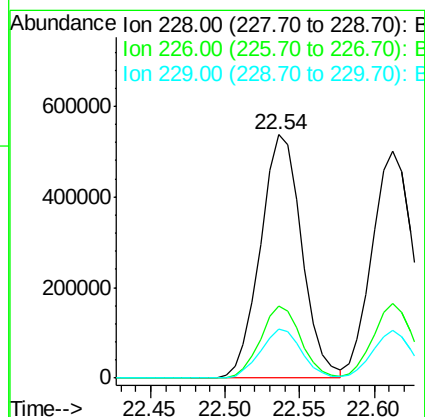
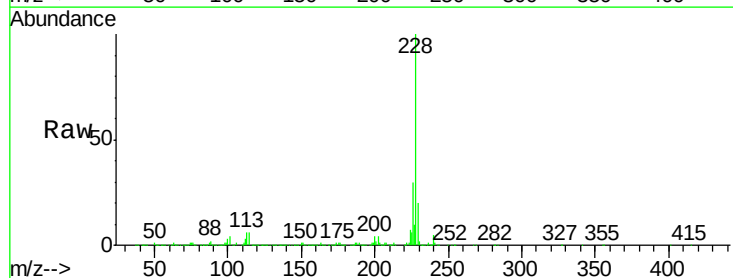
Instrument :
BNA_G
ClientSampleId :

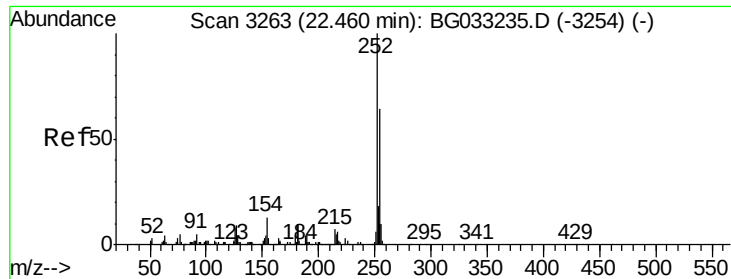
Tot Ion:149 Resp: 393670
Ion Ratio Lower Upper
149 100
91 74.5 62.2 93.2
206 25.0 18.6 27.8



#80
Benzo(a)anthracene
Concen: 41.302 ng
RT: 22.54 min Scan# 3276
Delta R.T. -0.04 min
Lab File: BG033346.D
Acq: 27 Mar 2018 1:32

Tgt Ion:228 Resp: 1032380
Ion Ratio Lower Upper
228 100
226 29.6 22.7 34.1
229 20.4 16.2 24.2

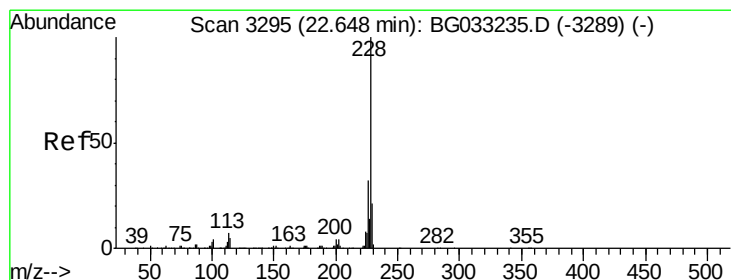
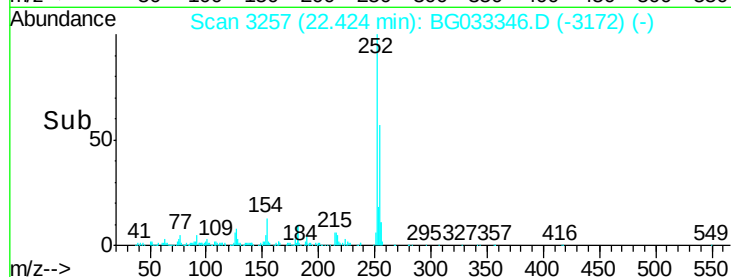
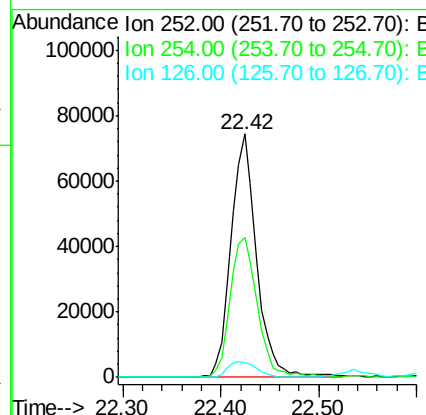
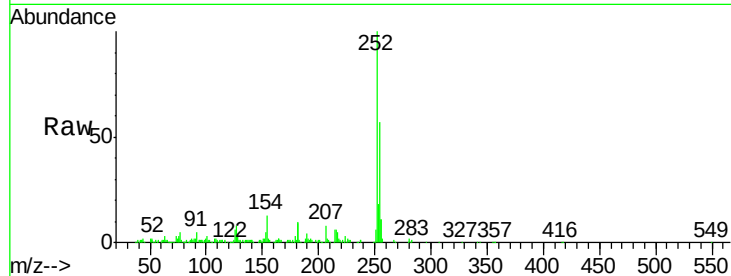




#81
 3,3'-Dichlorobenzidine
 Concen: 15.278 ng
 RT: 22.42 min Scan# 3257
 Delta R.T. -0.03 min
 Lab File: BG033346.D
 Acq: 27 Mar 2018 1:32

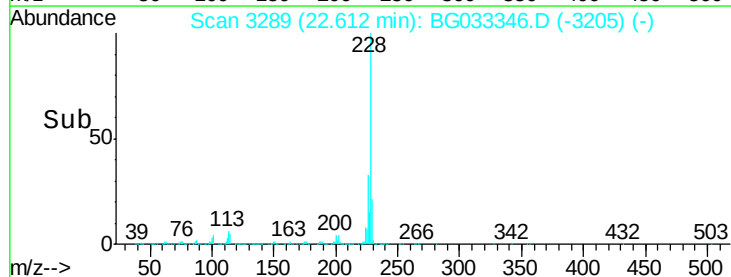
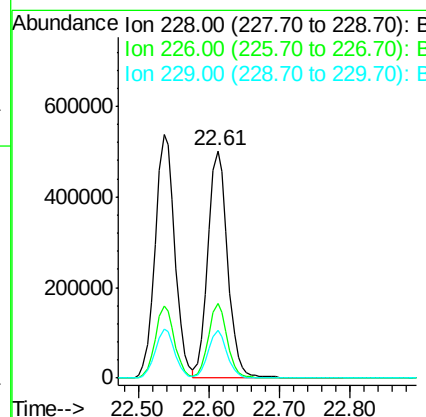
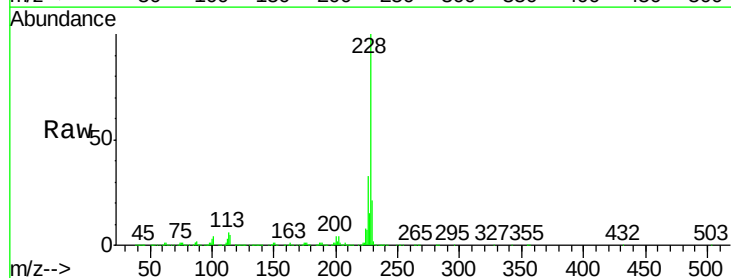
Instrument :
 BNA_G
 ClientSampleId :

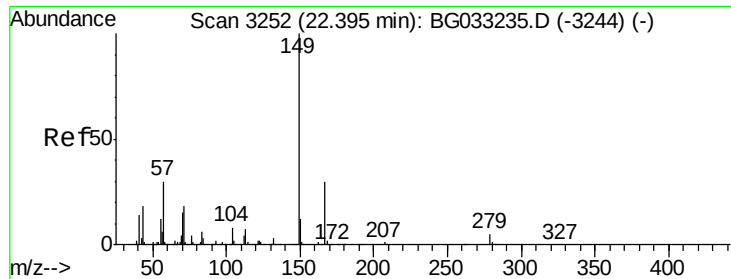
Tot Ion:252 Resp: 135896
 Ion Ratio Lower Upper
 252 100
 254 57.4 50.8 76.2
 126 6.1 7.4 11.2#



#82
 Chrysene
 Concen: 40.363 ng
 RT: 22.61 min Scan# 3289
 Delta R.T. -0.04 min
 Lab File: BG033346.D
 Acq: 27 Mar 2018 1:32

Tgt Ion:228 Resp: 976622
 Ion Ratio Lower Upper
 228 100
 226 33.0 24.9 37.3
 229 21.1 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.101 ng

RT: 22.35 min Scan# 3245

Delta R.T. -0.04 min

Lab File: BG033346.D

Acq: 27 Mar 2018 1:32

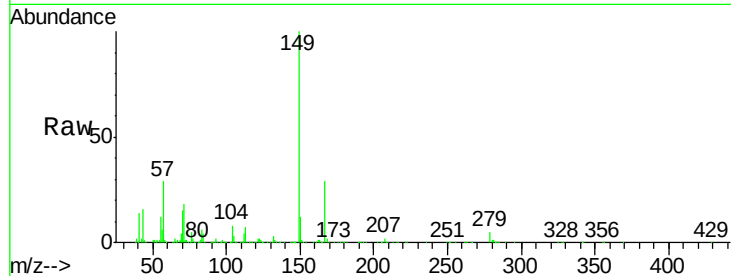
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 547394

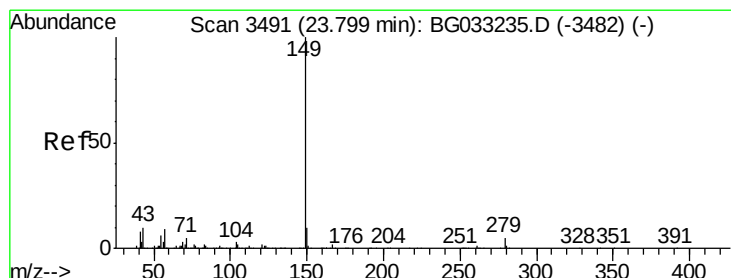
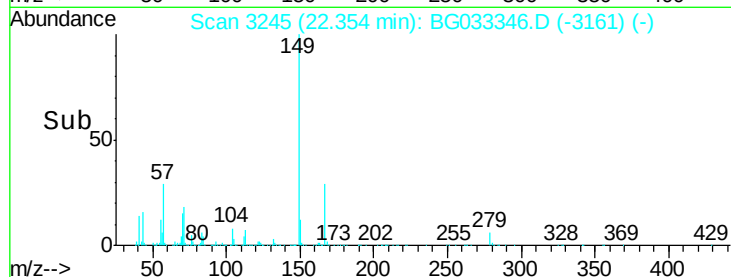
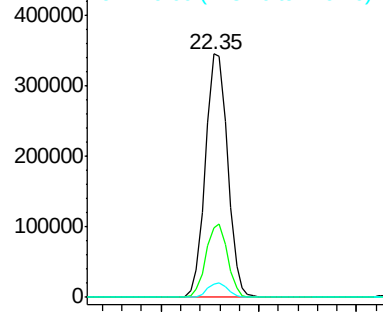
Ion	Ratio	Lower	Upper
149	100		
167	28.8	24.3	36.5
279	5.5	4.0	6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.799 ng

RT: 23.75 min Scan# 3483

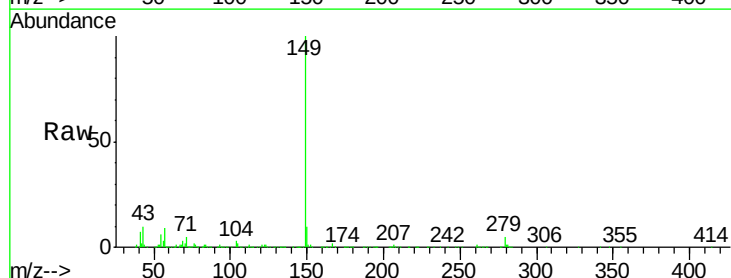
Delta R.T. -0.05 min

Lab File: BG033346.D

Acq: 27 Mar 2018 1:32

Tgt Ion:149 Resp: 954298

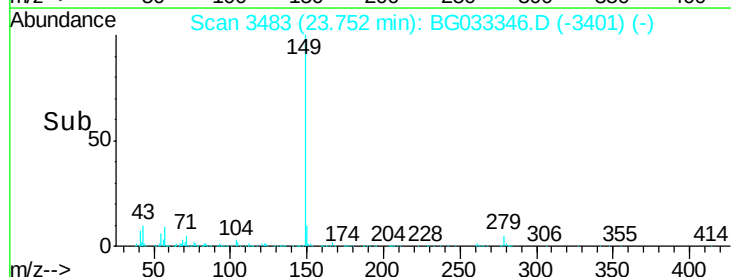
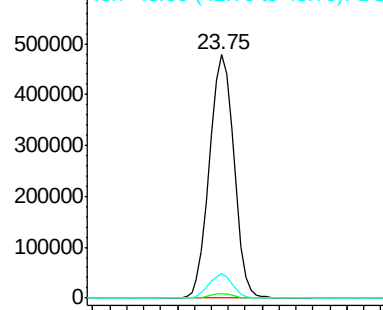
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	9.4	8.9	13.3

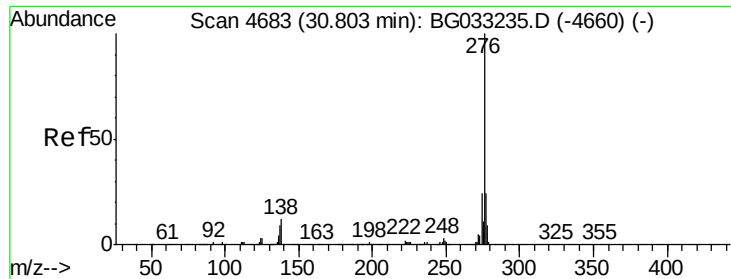


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

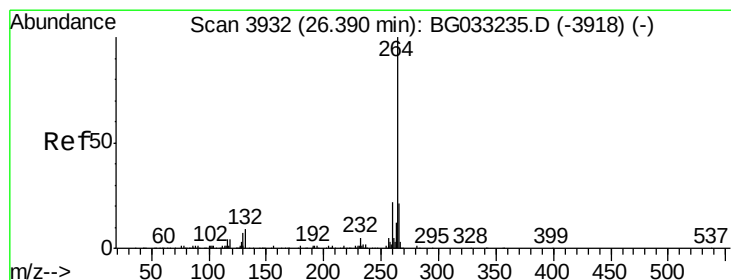
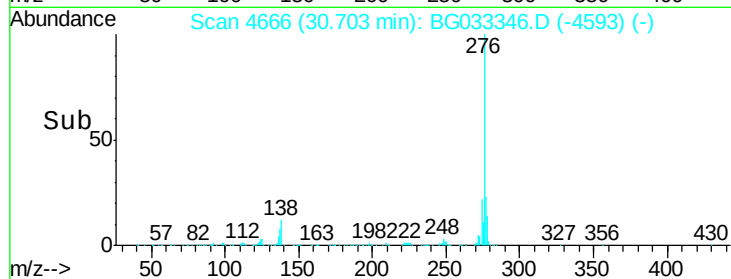
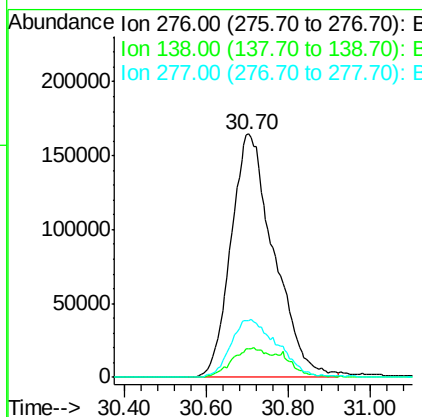
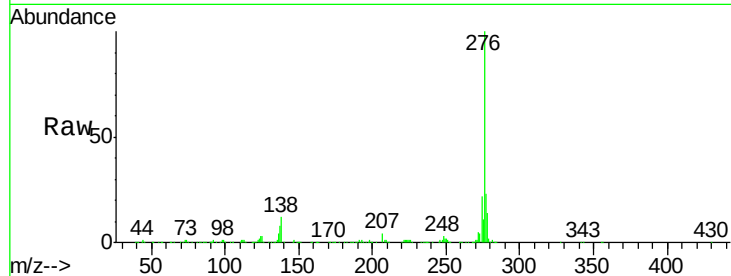




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.797 ng
 RT: 30.70 min Scan# 4666
 Delta R.T. -0.10 min
 Lab File: BG033346.D
 Acq: 27 Mar 2018 1:32

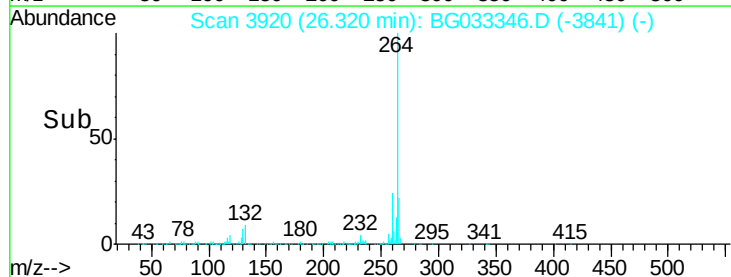
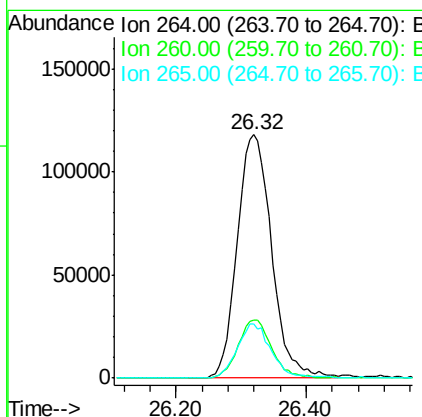
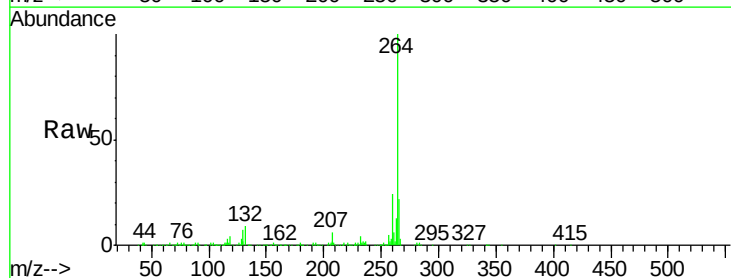
Instrument :
 BNA_G
 ClientSampleId :

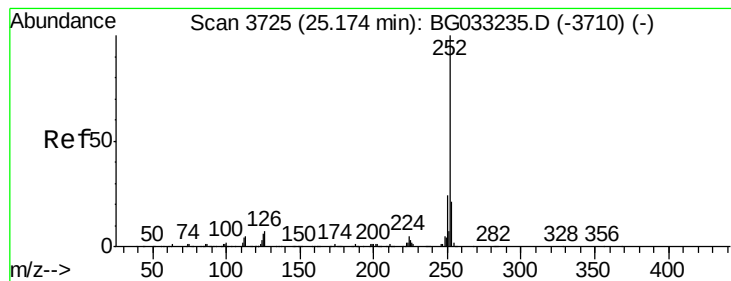
Tot Ion:276 Resp: 1198070
 Ion Ratio Lower Upper
 276 100
 138 10.3 16.0 24.0#
 277 25.7 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.32 min Scan# 3920
 Delta R.T. -0.07 min
 Lab File: BG033346.D
 Acq: 27 Mar 2018 1:32

Tgt Ion:264 Resp: 431320
 Ion Ratio Lower Upper
 264 100
 260 24.0 17.4 26.0
 265 22.0 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 41.376 ng

RT: 25.12 min Scan# 3715

Delta R.T. -0.05 min

Lab File: BG033346.D

Acq: 27 Mar 2018 1:32

Instrument :

BNA_G

ClientSampleId :

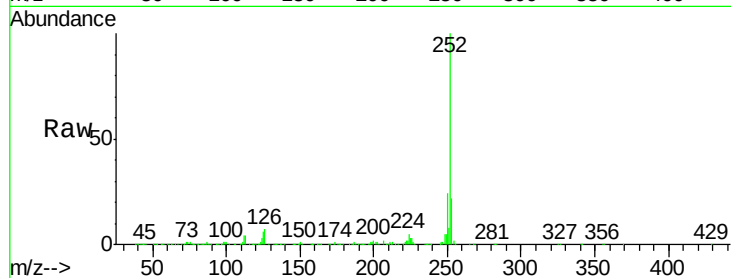
Tot Ion:252 Resp: 1031062

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.4

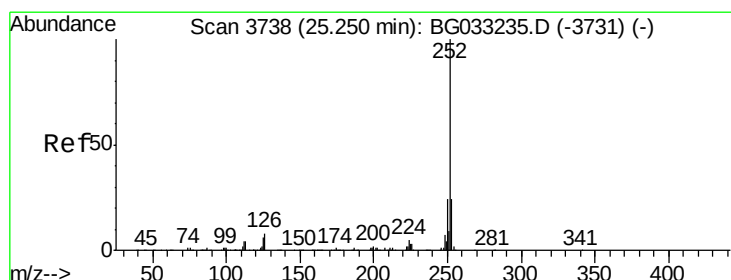
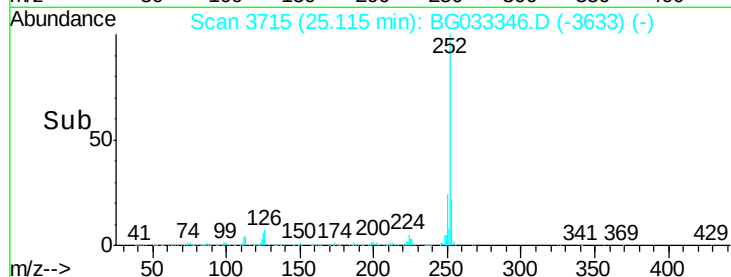
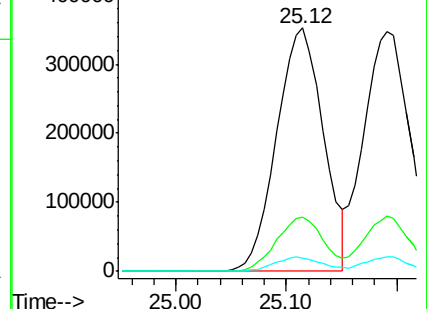
125 5.5 7.2 10.8#



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: 41.383 ng

RT: 25.19 min Scan# 3728

Delta R.T. -0.06 min

Lab File: BG033346.D

Acq: 27 Mar 2018 1:32

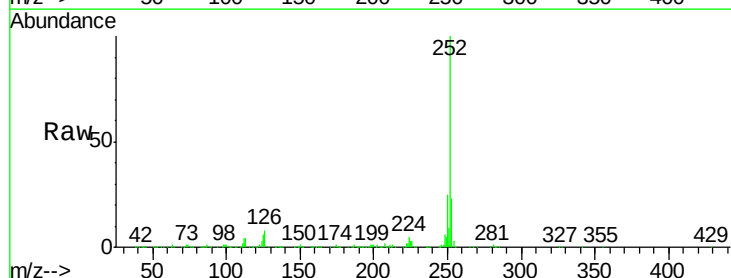
Tgt Ion:252 Resp: 1042978

Ion Ratio Lower Upper

252 100

253 23.4 17.4 26.2

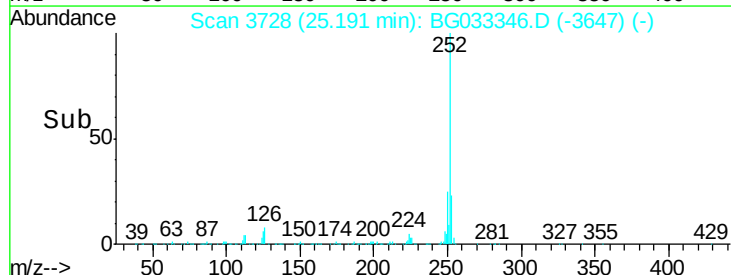
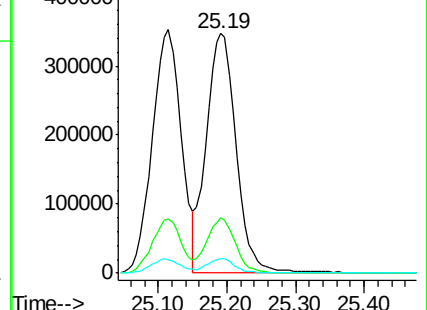
125 6.1 6.6 9.8#

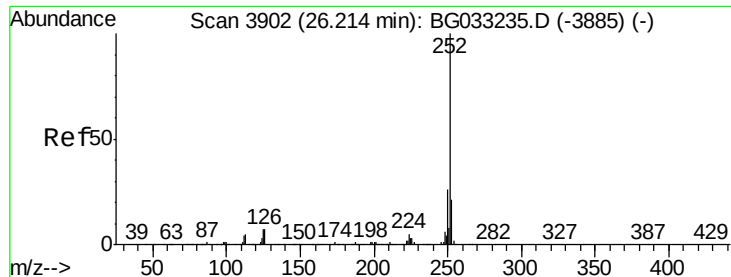


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.505 ng

RT: 26.14 min Scan# 3890

Delta R.T. -0.06 min

Lab File: BG033346.D

Acq: 27 Mar 2018 1:32

Instrument :

BNA_G

ClientSampleId :

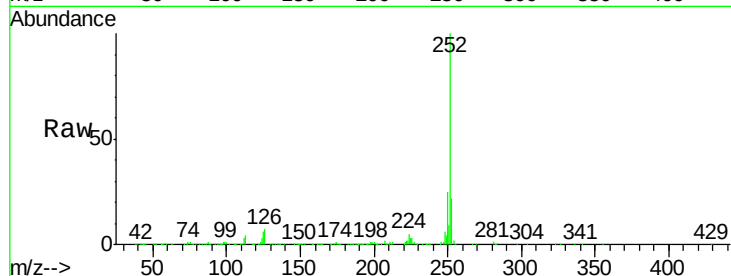
Tot Ion:252 Resp: 1017175

Ion Ratio Lower Upper

252 100

253 22.3 18.3 27.5

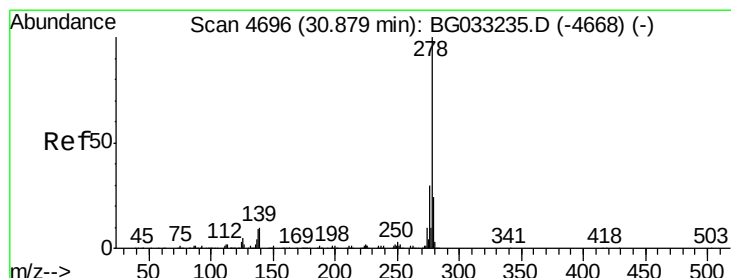
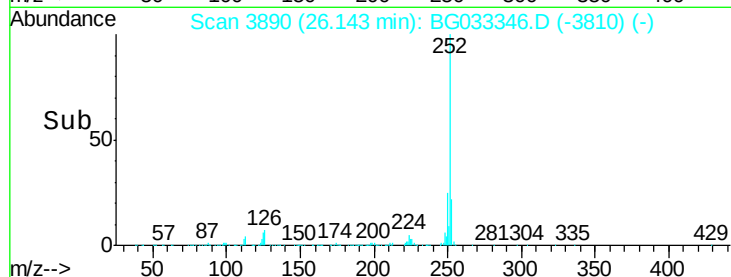
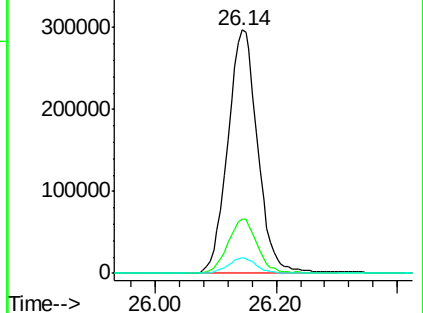
125 6.3 7.3 10.9#



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: 44.547 ng

RT: 30.78 min Scan# 4680

Delta R.T. -0.09 min

Lab File: BG033346.D

Acq: 27 Mar 2018 1:32

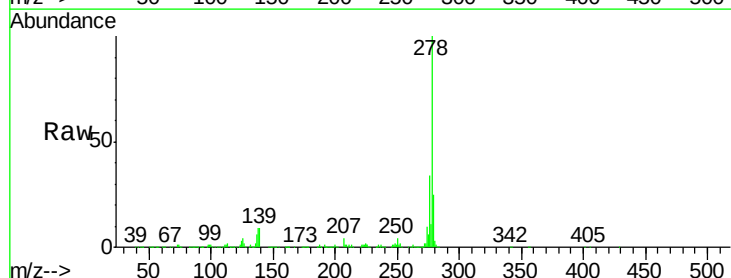
Tgt Ion:278 Resp: 1004177

Ion Ratio Lower Upper

278 100

139 9.0 9.8 14.6#

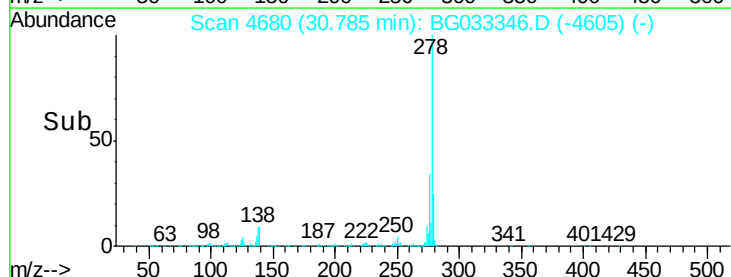
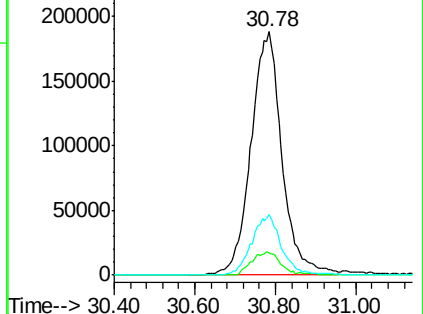
279 24.7 18.4 27.6

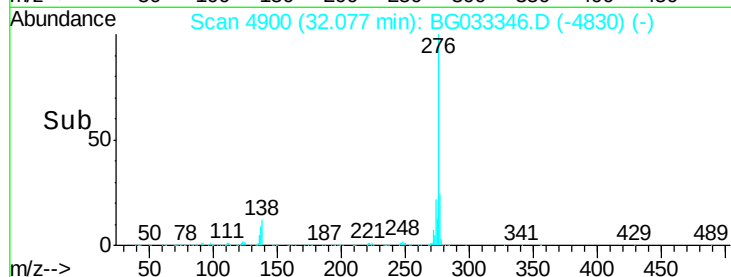
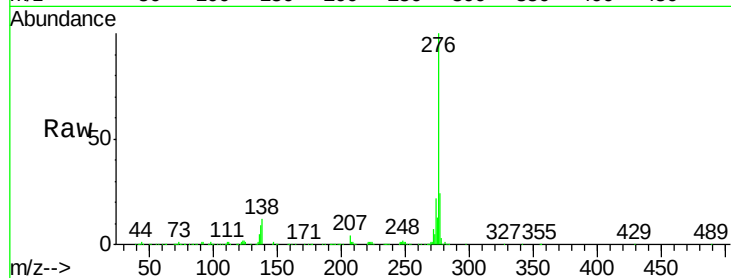
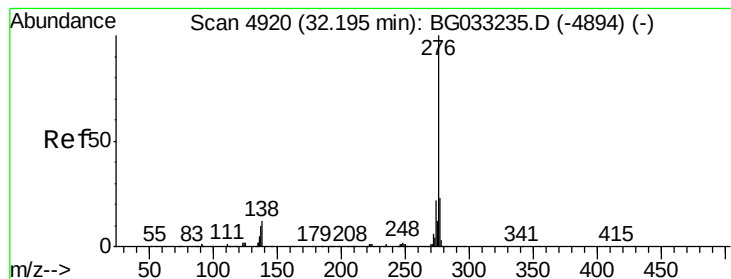


Abundance Ion 278.00 (277.70 to 278.70): E

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: 42.561 ng

RT: 32.08 min Scan# 4900

Delta R.T. -0.12 min

Lab File: BG033346.D

Acq: 27 Mar 2018 1:32

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 276 Resp: 950030

Ion Ratio Lower Upper

276 100

277 24.0 18.3 27.5

138 12.1 13.9 20.9#

