

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032618\
 Data File : BG033340.D
 Acq On : 26 Mar 2018 21:48
 Operator : SJ/JU
 Sample : J1867-14MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 27 07:48:41 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	41423	20.00	ng	-0.03
21) Naphthalene-d8	11.75	136	168245	20.00	ng	-0.03
38) Acenaphthene-d10	15.48	164	128672	20.00	ng	-0.03
63) Phenanthrene-d10	18.21	188	331345	20.00	ng	-0.03
75) Chrysene-d12	22.56	240	347377	20.00	ng	-0.04
86) Perylene-d12	26.32	264	376180	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	6.28	112	192108	86.96	ng	-0.03
7) Phenol-d6	7.97	99	184162	48.52	ng	-0.03
23) Nitrobenzene-d5	10.07	82	398986	108.95	ng	-0.03
41) 2,4,6-Tribromophenol	16.96	330	319679	166.12	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	966644	108.45	ng	-0.03
78) Terphenyl-d14	20.73	244	1612118	99.25	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.93	88	21720	19.361	ng	86
3) Pyridine	4.39	79	43753	14.108	ng	96
4) n-Nitrosodimethylamine	4.30	42	27417	21.543	ng	# 90
6) Aniline	8.16	93	76276	17.088	ng	97
8) 2-Chlorophenol	8.41	128	111544	44.168	ng	94
9) Benzaldehyde	7.96	77	69728	28.907	ng	98
10) Phenol	8.01	94	66287	17.688	ng	94
11) bis(2-Chloroethyl)ether	8.25	93	141952	46.407	ng	96
12) 1,3-Dichlorobenzene	8.75	146	135010	40.890	ng	96
13) 1,4-Dichlorobenzene	8.90	146	133870	40.485	ng	93
14) 1,2-Dichlorobenzene	9.23	146	133023	41.218	ng	97
15) Benzyl Alcohol	9.10	79	98540	32.974	ng	89
16) 2,2'-oxybis(1-Chloropropan	9.39	45	217443	43.606	ng	85
17) 2-Methylphenol	9.64	107	113488	44.454	ng	91
18) Hexachloroethane	9.99	117	51066	40.013	ng	90
19) n-Nitroso-di-n-propylamine	9.67	70	128885	46.340	ng	# 96
20) 3+4-Methylphenols	9.64	107	113488	31.222	ng	85
22) Acetophenone	9.71	105	231738	50.276	ng	# 96
24) Nitrobenzene	10.11	77	189379	48.316	ng	91
25) Isophorone	10.63	82	370983	52.197	ng	97
26) 2-Nitrophenol	10.84	139	81771	55.104	ng	# 95
27) 2,4-Dimethylphenol	10.87	122	115288	53.480	ng	89
28) bis(2-Chloroethoxy)methane	11.11	93	197172	55.601	ng	94
29) 2,4-Dichlorophenol	11.38	162	148538	56.028	ng	95
30) 1,2,4-Trichlorobenzene	11.60	180	161732	46.954	ng	98
31) Naphthalene	11.80	128	429424	49.254	ng	98
32) Benzoic acid	10.95	122	23563	11.758	ng	88
33) 4-Chloroaniline	11.89	127	93731	23.996	ng	93
34) Hexachlorobutadiene	12.06	225	119189	45.758	ng	94
35) Caprolactam	12.63	113	24837	23.914	ng	98
36) 4-Chloro-3-methylphenol	12.96	107	171159	49.500	ng	99
37) 2-Methylnaphthalene	13.35	142	343881	50.817	ng	90
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	230714	49.500	ng	97
40) Hexachlorocyclopentadiene	13.68	237	263370	96.391	ng	90

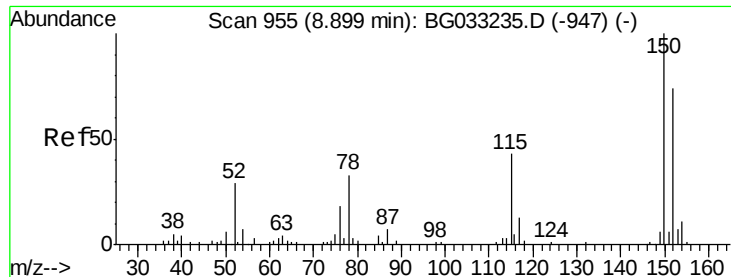
Data Path : Z:\HPCHEM1\BNA G\DATA\BG032618\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	152927	56.473	nq	97
43) 2,4,5-Trichlorophenol	14.00	196	173097	54.079	nq	98
45) 1,1'-Biphenyl	14.33	154	478801	48.434	nq	99
46) 2-Chloronaphthalene	14.38	162	376772	49.430	nq	97
47) 2-Nitroaniline	14.57	65	148159	51.895	nq	97
48) Acenaphthylene	15.21	152	601516	47.278	nq	98
49) Dimethylphthalate	14.91	163	566377	50.579	nq	100
50) 2,6-Dinitrotoluene	15.04	165	122743	53.607	nq	97
51) Acenaphthene	15.55	154	456553	55.665	nq	95
52) 3-Nitroaniline	15.38	138	71291	29.699	nq	# 89
53) 2,4-Dinitrophenol	15.58	184	118855	98.305	nq	# 71
54) Dibenzofuran	15.88	168	631055	52.089	nq	92
55) 4-Nitrophenol	15.66	139	76310	45.208	nq	# 87
56) 2,4-Dinitrotoluene	15.82	165	172686	51.222	nq	91
57) Fluorene	16.52	166	534379	51.775	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.09	232	163563	54.280	nq	99
59) Diethylphthalate	16.25	149	540604	49.718	nq	96
60) 4-Chlorophenyl-phenylether	16.50	204	295513	49.808	nq	98
61) 4-Nitroaniline	16.54	138	111065	45.689	nq	# 83
62) Azobenzene	16.79	77	517936	49.172	nq	97
64) 4,6-Dinitro-2-methylphenol	16.58	198	97044	48.958	nq	95
65) n-Nitrosodiphenylamine	16.71	169	462878	48.933	nq	96
66) 4-Bromophenyl-phenylether	17.39	248	198195	50.932	nq	98
67) Hexachlorobenzene	17.52	284	210680	51.300	nq	95
68) Atrazine	17.63	200	198219	51.712	nq	97
69) Pentachlorophenol	17.85	266	271988	96.494	nq	99
70) Phenanthrene	18.26	178	860415	49.861	nq	99
71) Anthracene	18.35	178	879827	50.355	nq	99
72) Carbazole	18.60	167	753803	48.685	nq	97
73) Di-n-butylphthalate	19.10	149	892766	49.538	nq	# 99
74) Fluoranthene	20.21	202	1054654	49.388	nq	96
76) Benzidine	20.37	184	177936	18.888	nq	98
77) Pyrene	20.57	202	1071041	46.229	nq	99
79) Butylbenzylphthalate	21.42	149	417148	48.792	nq	97
80) Benzo(a)anthracene	22.54	228	1086272	49.109	nq	100
81) 3,3'-Dichlorobenzidine	22.42	252	276368	35.111	nq	99
82) Chrysene	22.62	228	1033751	48.280	nq	97
83) Bis(2-ethylhexyl)phthalate	22.36	149	586265	49.744	nq	98
84) Di-n-octyl phthalate	23.76	149	1003431	55.607	nq	97
85) Indeno(1,2,3-cd)pyrene	30.71	276	1267253	54.741	nq	# 88
87) Benzo(b)fluoranthene	25.11	252	1100086	50.617	nq	# 96
88) Benzo(k)fluoranthene	25.20	252	1085137	49.367	nq	# 98
89) Benzo(a)pyrene	26.15	252	1072404	51.381	nq	# 96
90) Dibenzo(a,h)anthracene	30.78	278	1065556	54.199	nq	# 94
91) Benzo(g,h,i)perylene	32.09	276	1058953	54.394	nq	# 94

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

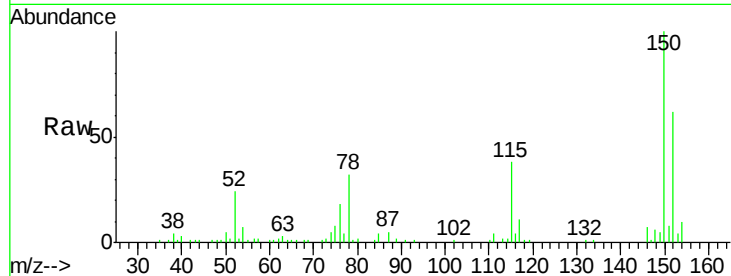


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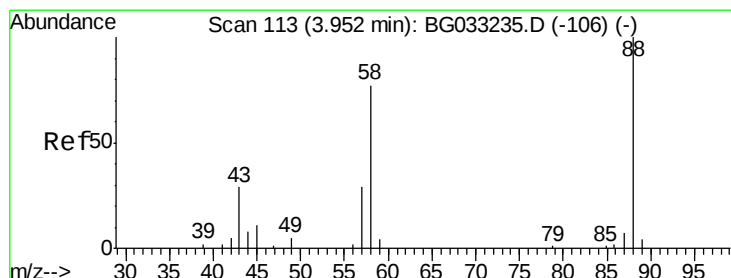
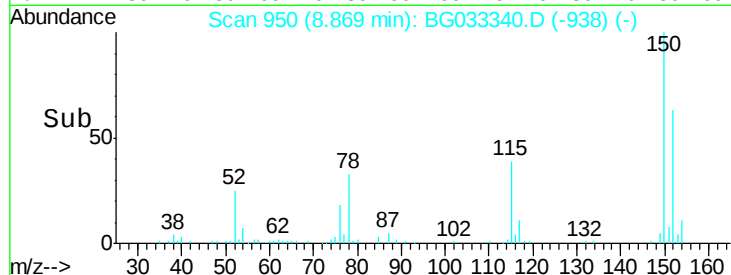
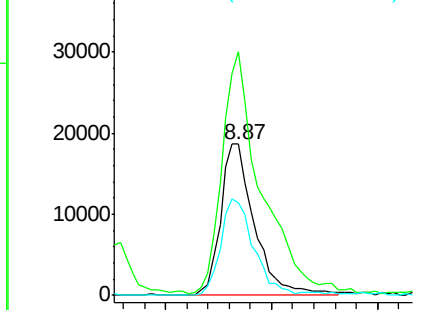
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.03 min
Lab File: BG033340.D
Acq: 26 Mar 2018 21:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 41423
Ion Ratio Lower Upper
152 100
150 161.1 126.6 189.8
115 61.2 53.0 79.4



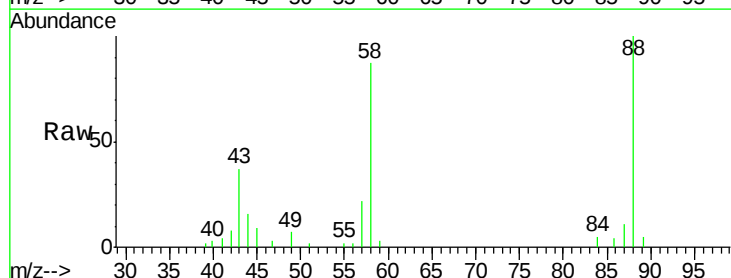
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



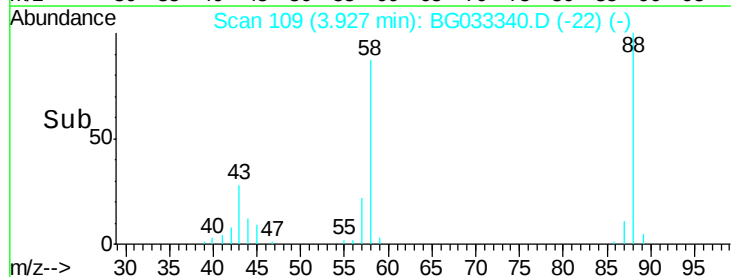
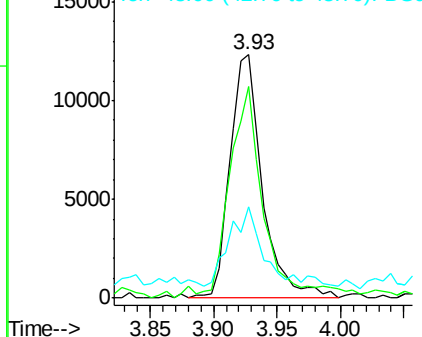
#2

1,4-Dioxane
Concen: 19.361 ng
RT: 3.93 min Scan# 109
Delta R.T. -0.02 min
Lab File: BG033340.D
Acq: 26 Mar 2018 21:48

Tgt Ion: 88 Resp: 21720
Ion Ratio Lower Upper
88 100
58 81.3 79.6 119.4
43 32.5 27.4 41.0



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





#3

Pvridine

Concen: 14.108 ng

RT: 4.39 min Scan# 188

Delta R.T. -0.02 min

Lab File: BG033340.D

Acq: 26 Mar 2018 21:48

Instrument :

BNA_G

ClientSampled :

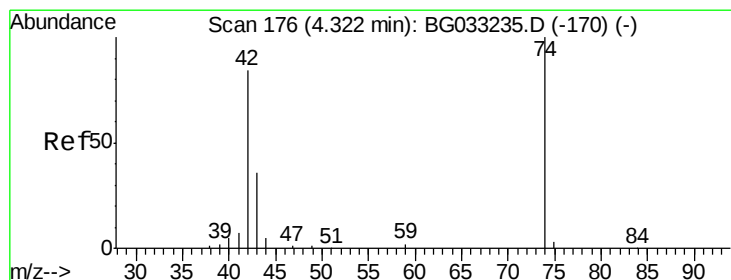
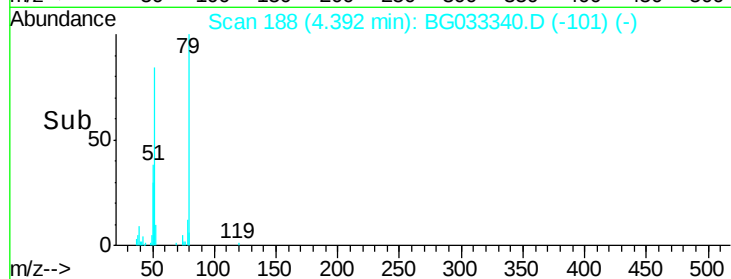
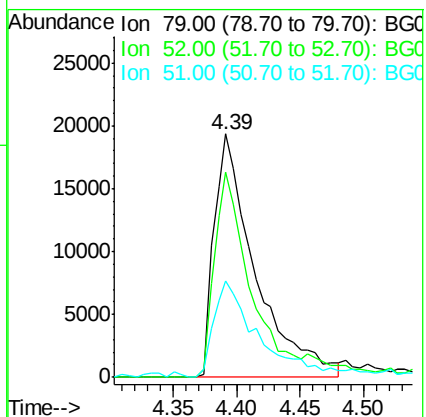
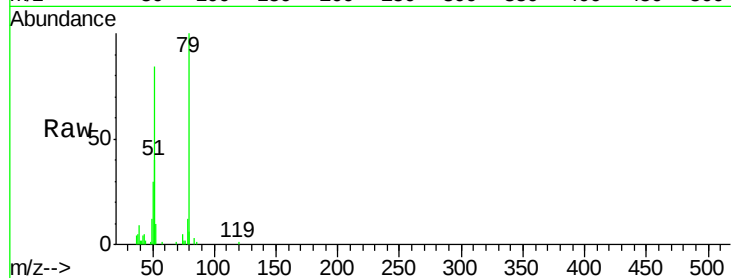
Tot Ion: 79 Resp: 43753

Ion Ratio Lower Upper

79 100

52 84.3 69.9 104.9

51 39.6 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 21.543 ng

RT: 4.30 min Scan# 173

Delta R.T. -0.02 min

Lab File: BG033340.D

Acq: 26 Mar 2018 21:48

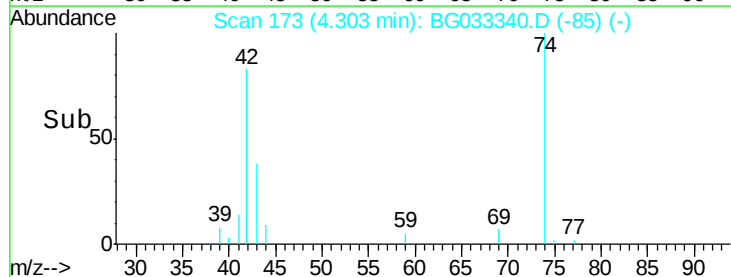
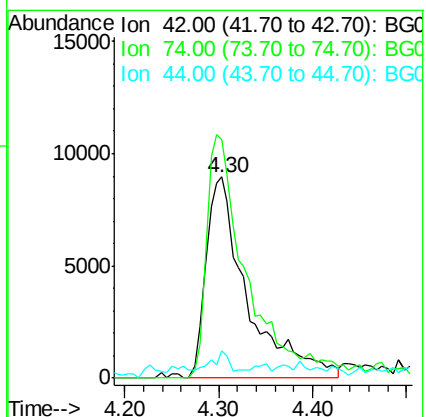
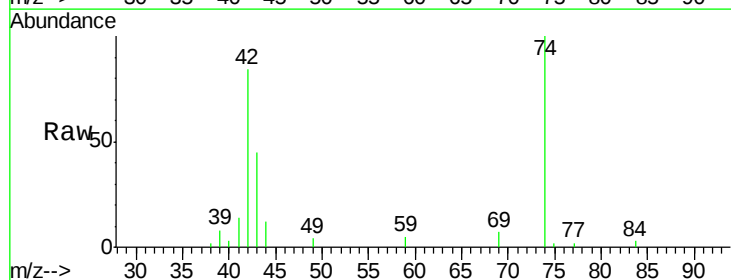
Tgt Ion: 42 Resp: 27417

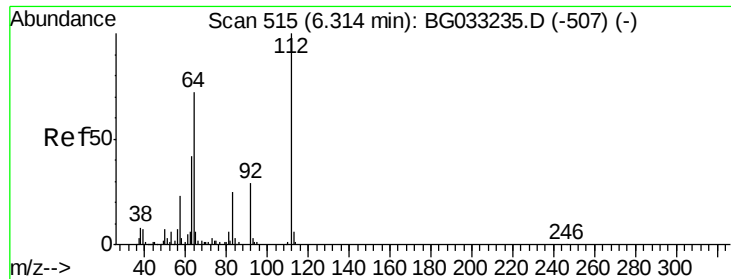
Ion Ratio Lower Upper

42 100

74 118.7 102.5 153.7

44 13.9 18.9 28.3#





#5

2-Fluorophenol

Concen: 86.963 ng

RT: 6.28 min Scan# 510

Delta R.T. -0.03 min

Lab File: BG033340.D

Acq: 26 Mar 2018 21:48

Instrument :

BNA_G

ClientSampleId :

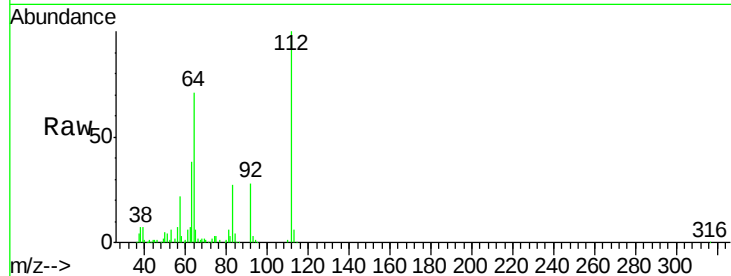
Tot Ion:112 Resp: 192108

Ion Ratio Lower Upper

112 100

64 71.3 56.3 84.5

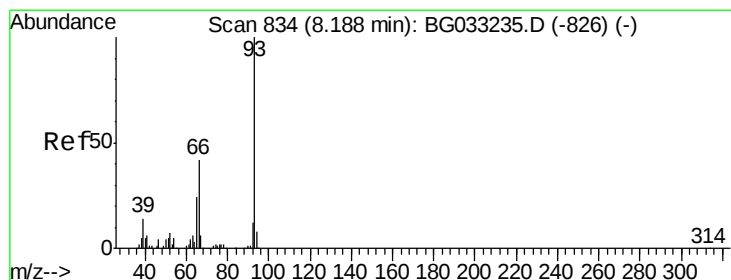
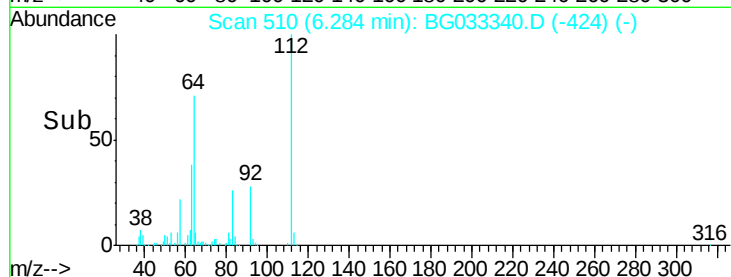
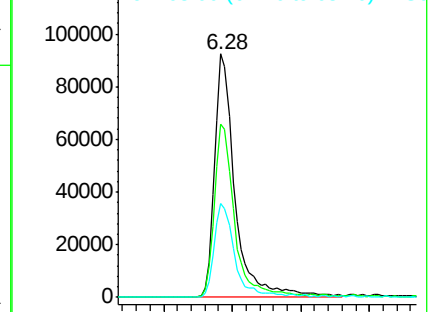
63 38.3 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 17.088 ng

RT: 8.16 min Scan# 829

Delta R.T. -0.03 min

Lab File: BG033340.D

Acq: 26 Mar 2018 21:48

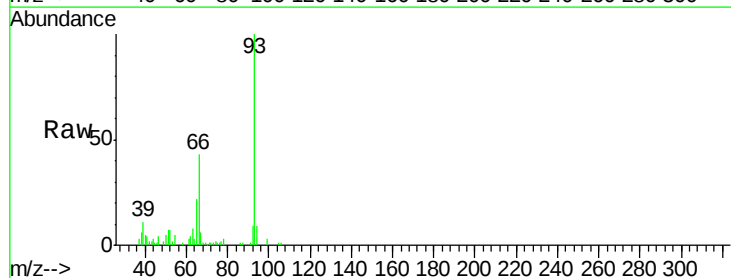
Tgt Ion: 93 Resp: 76276

Ion Ratio Lower Upper

93 100

66 43.0 33.7 50.5

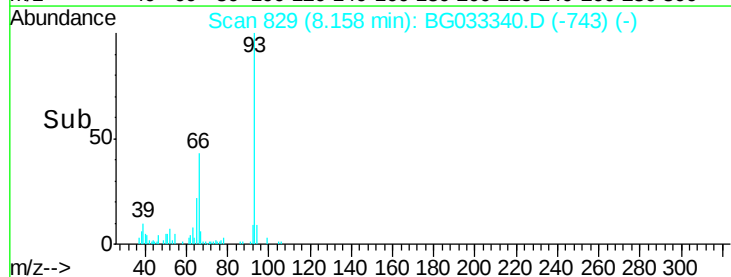
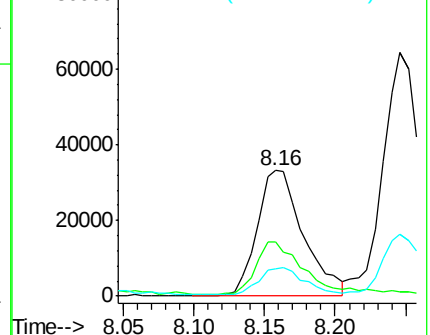
65 22.3 16.1 24.1

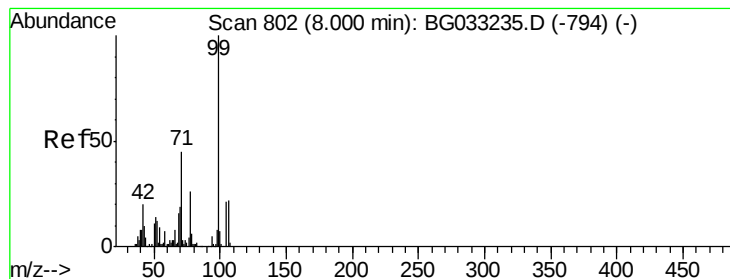


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 48.519 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.03 min

Lab File: BG033340.D

Acq: 26 Mar 2018 21:48

Instrument :

BNA_G

ClientSampleId :

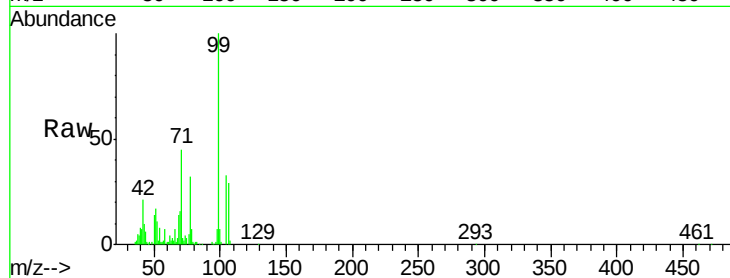
Tot Ion: 99 Resp: 184162

Ion Ratio Lower Upper

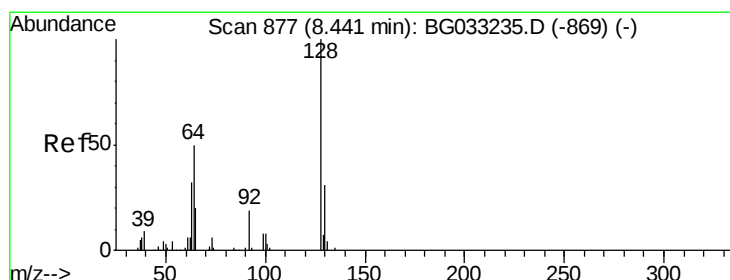
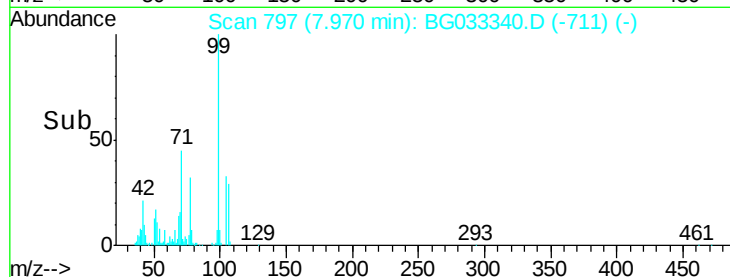
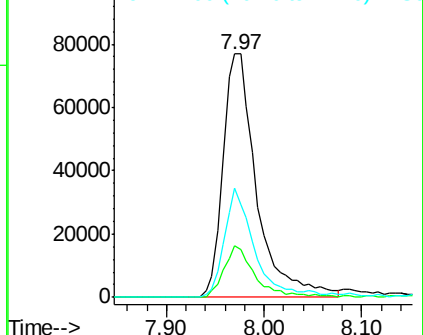
99 100

42 21.4 14.1 21.1#

71 44.8 26.1 39.1#



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



#8

2-Chlorophenol

Concen: 44.168 ng

RT: 8.41 min Scan# 872

Delta R.T. -0.02 min

Lab File: BG033340.D

Acq: 26 Mar 2018 21:48

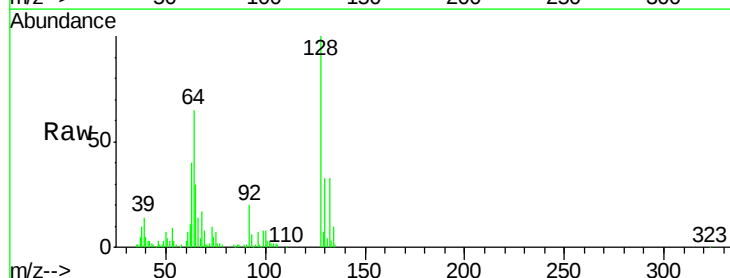
Tgt Ion:128 Resp: 111544

Ion Ratio Lower Upper

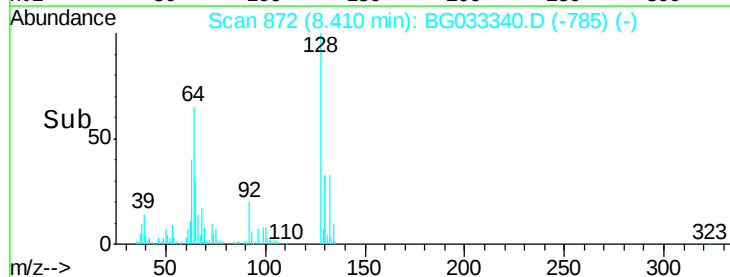
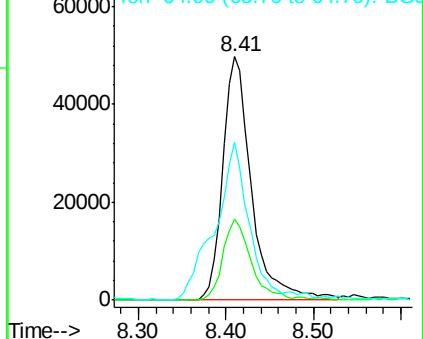
128 100

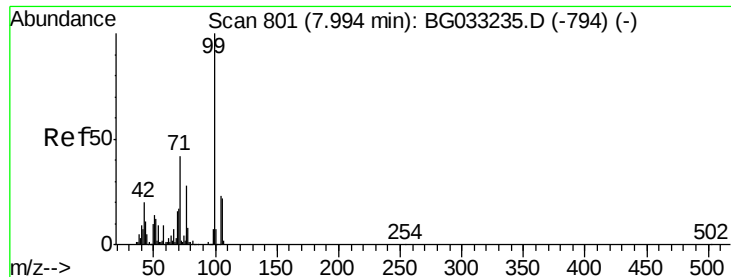
130 33.3 14.0 54.0

64 64.6 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: 28.907 ng

RT: 7.96 min Scan# 796

Delta R.T. -0.03 min

Lab File: BG033340.D

Acq: 26 Mar 2018 21:48

Instrument :

BNA_G

ClientSampleId :

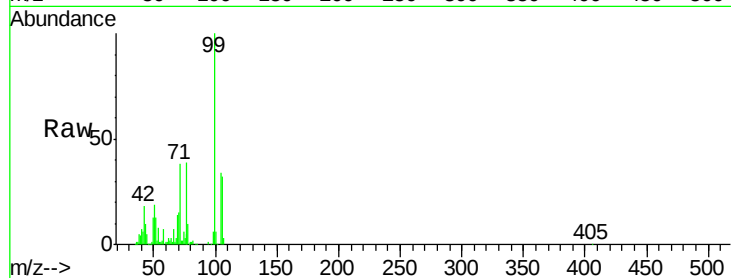
Tot Ion: 77 Resp: 69728

Ion Ratio Lower Upper

77 100

105 87.8 71.3 111.3

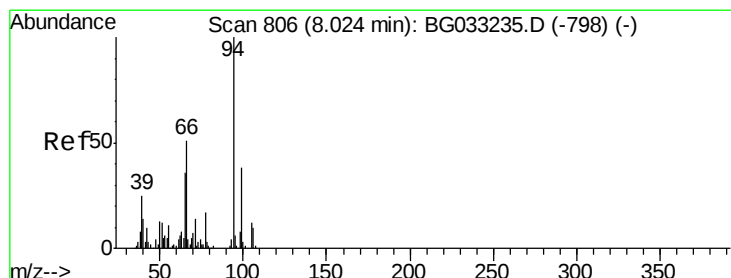
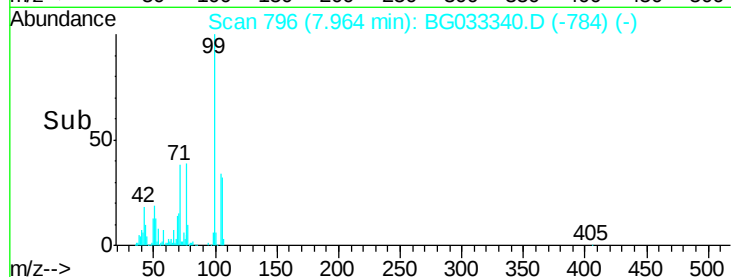
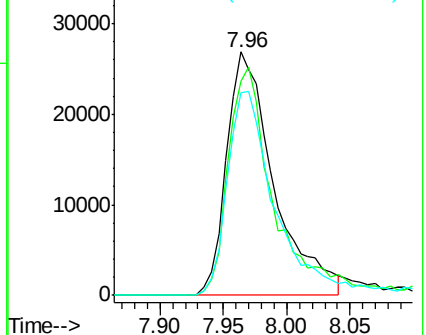
106 83.1 64.2 104.2



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: 17.688 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.02 min

Lab File: BG033340.D

Acq: 26 Mar 2018 21:48

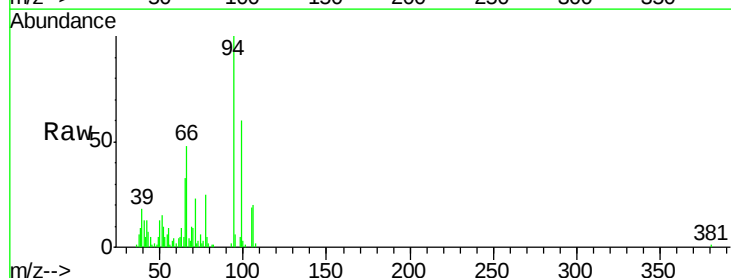
Tgt Ion: 94 Resp: 66287

Ion Ratio Lower Upper

94 100

65 32.9 11.9 51.9

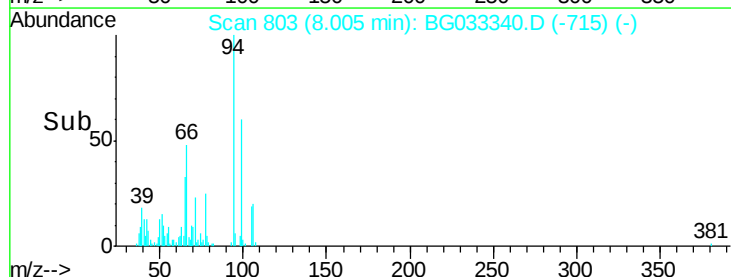
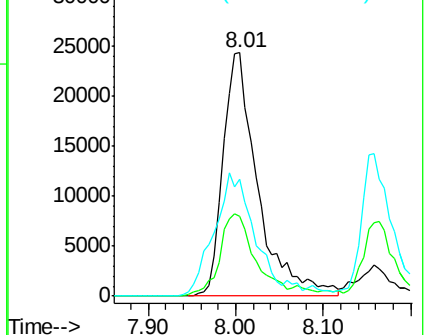
66 47.9 22.2 62.2

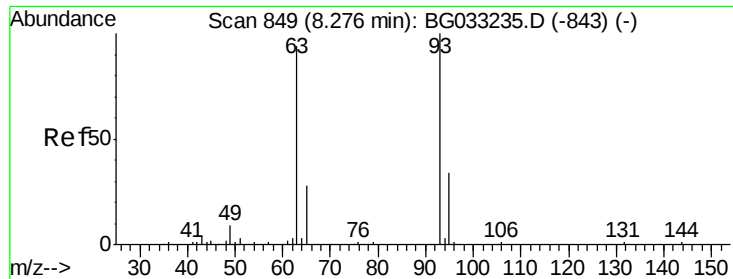


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

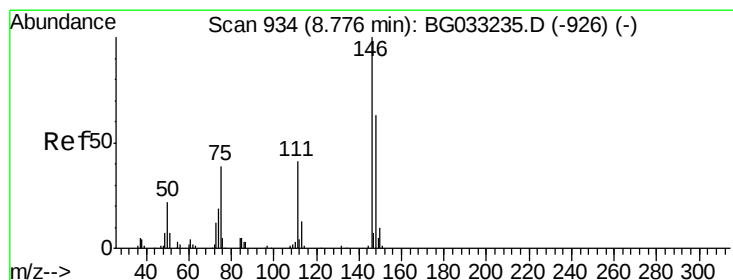
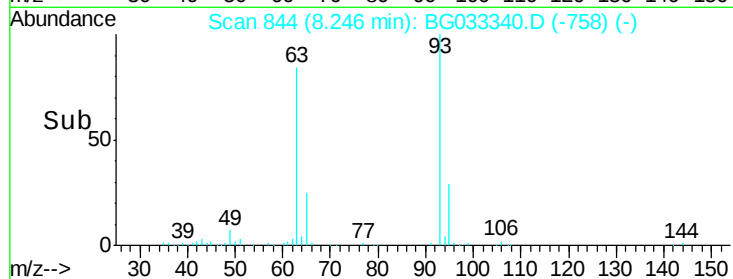
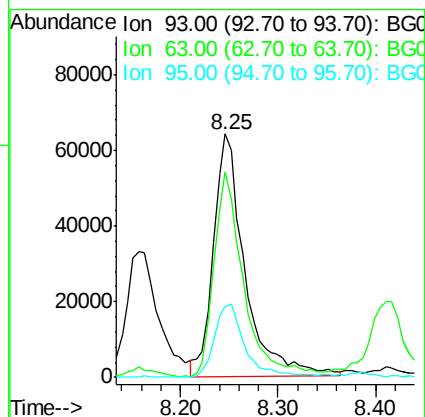
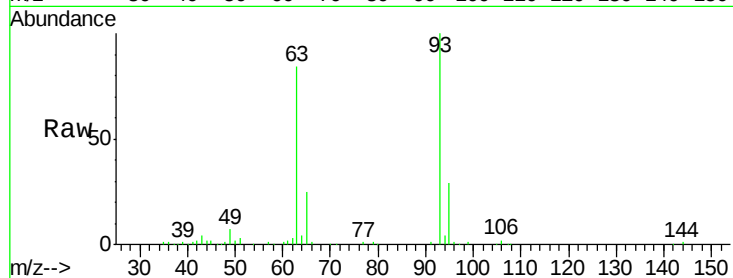




#11
bis(2-Chloroethyl)ether
Concen: 46.407 ng
RT: 8.25 min Scan# 844
Delta R.T. -0.03 min
Lab File: BG033340.D
Acq: 26 Mar 2018 21:48

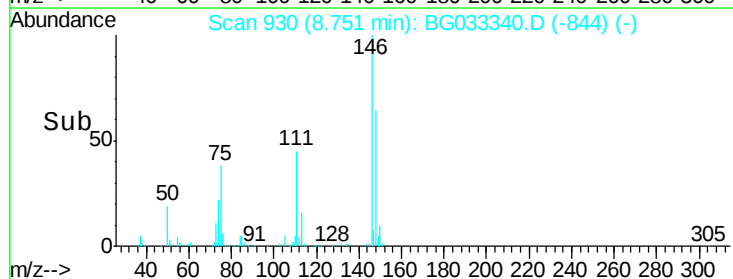
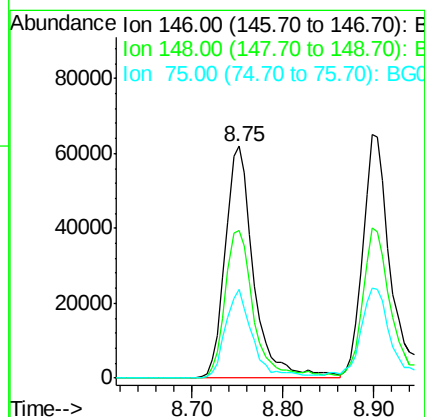
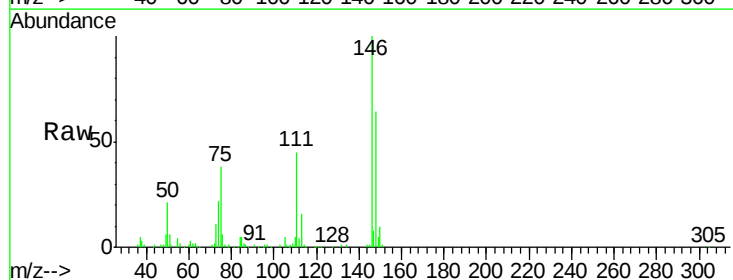
Instrument :
BNA_G
ClientSampleId :

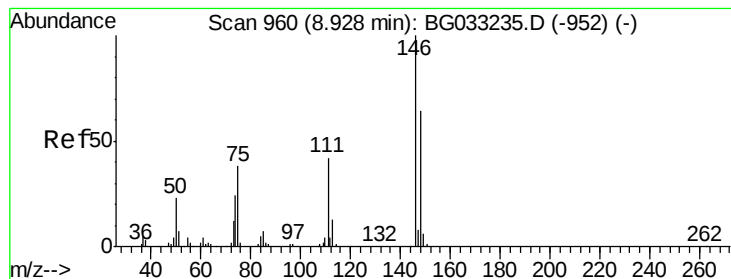
Tot Ion: 93 Resp: 141952
Ion Ratio Lower Upper
93 100
63 84.1 67.1 107.1
95 28.9 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 40.890 ng
RT: 8.75 min Scan# 930
Delta R.T. -0.03 min
Lab File: BG033340.D
Acq: 26 Mar 2018 21:48

Tgt Ion: 146 Resp: 135010
Ion Ratio Lower Upper
146 100
148 63.5 51.4 77.2
75 38.3 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 40.485 ng

RT: 8.90 min Scan# 955

Delta R.T. -0.03 min

Lab File: BG033340.D

Acq: 26 Mar 2018 21:48

Instrument :

BNA_G

ClientSampleId :

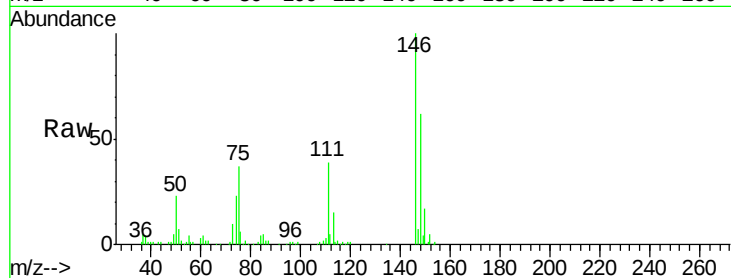
Tot Ion:146 Resp: 133870

Ion Ratio Lower Upper

146 100

148 61.8 53.7 80.5

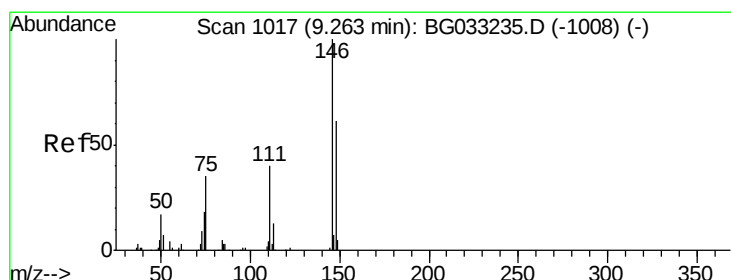
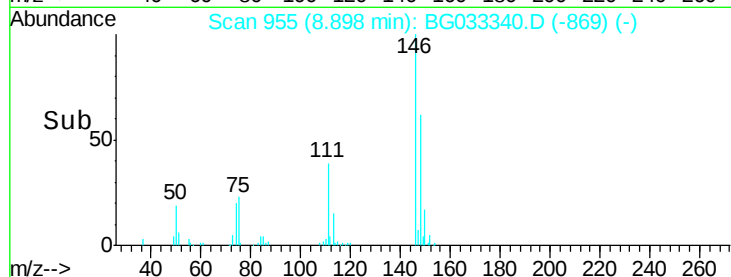
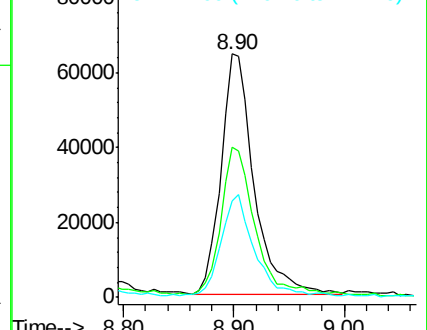
111 39.4 35.2 52.8



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: 41.218 ng

RT: 9.23 min Scan# 1012

Delta R.T. -0.03 min

Lab File: BG033340.D

Acq: 26 Mar 2018 21:48

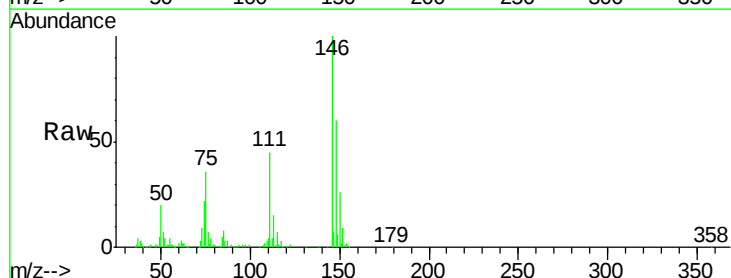
Tgt Ion:146 Resp: 133023

Ion Ratio Lower Upper

146 100

148 59.6 49.3 73.9

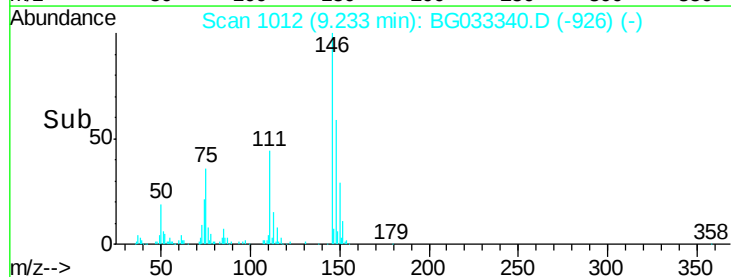
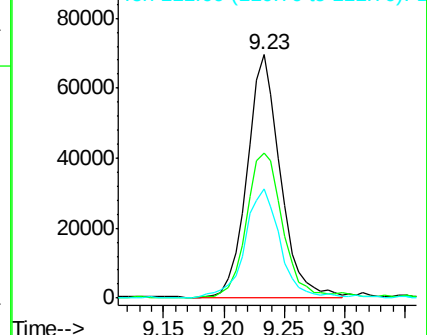
111 45.1 34.3 51.5

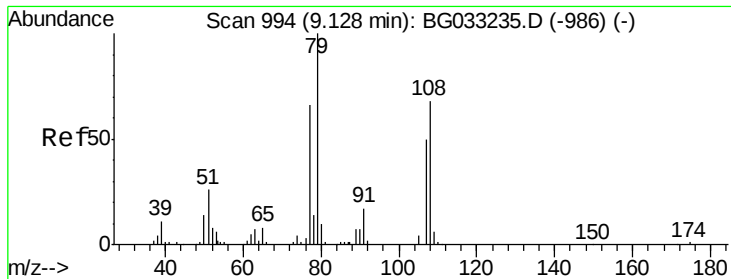


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 32.974 ng

RT: 9.10 min Scan# 990

Delta R.T. -0.02 min

Lab File: BG033340.D

Acq: 26 Mar 2018 21:48

Instrument :

BNA_G

ClientSampleId :

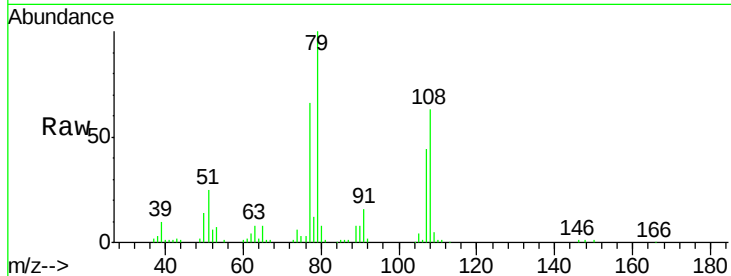
Tot Ion: 79 Resp: 98540

Ion Ratio Lower Upper

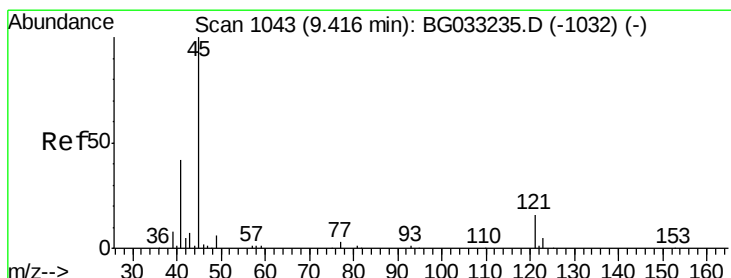
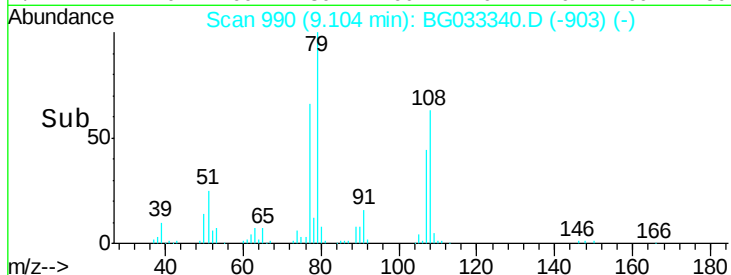
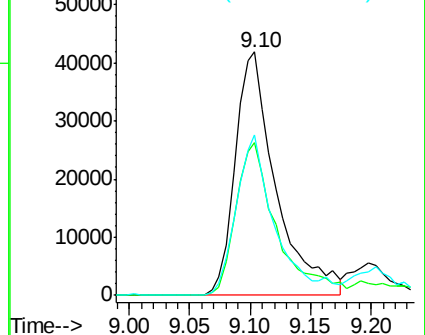
79 100

108 62.9 57.2 85.8

77 65.9 46.1 69.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.606 ng

RT: 9.39 min Scan# 1038

Delta R.T. -0.03 min

Lab File: BG033340.D

Acq: 26 Mar 2018 21:48

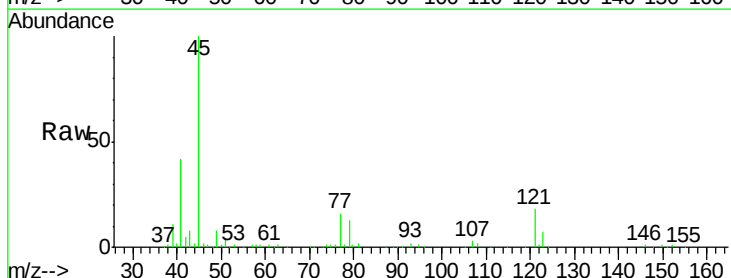
Tgt Ion: 45 Resp: 217443

Ion Ratio Lower Upper

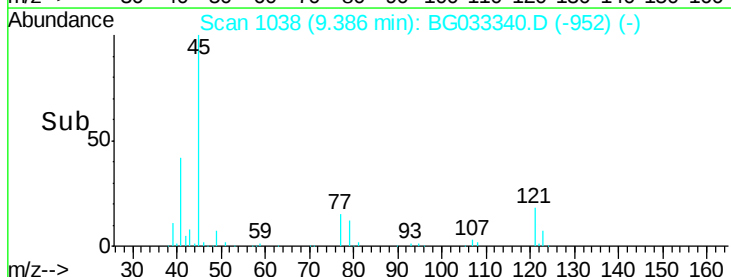
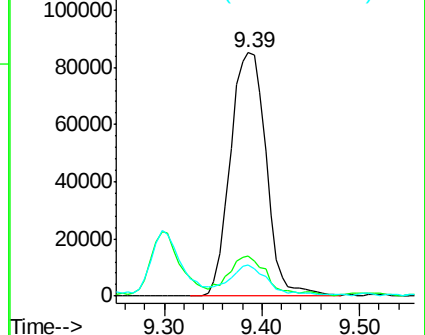
45 100

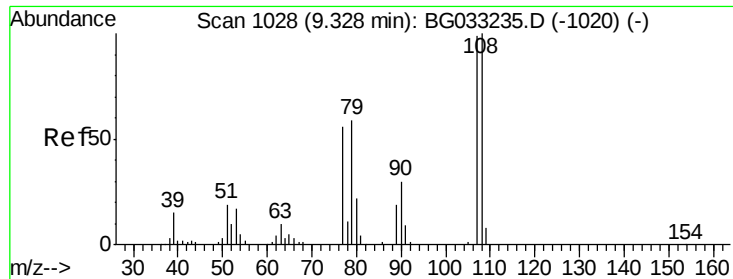
77 16.4 0.0 30.2

79 12.7 0.0 27.9



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

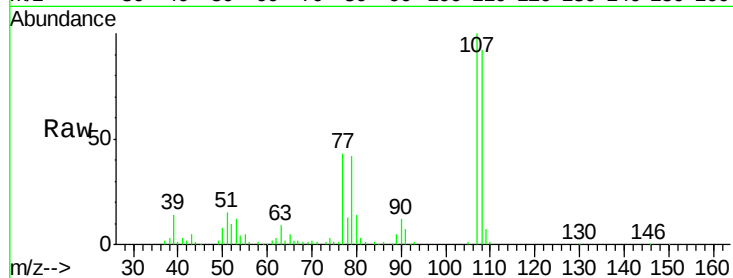




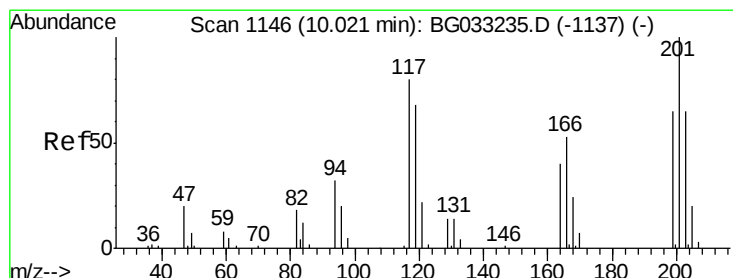
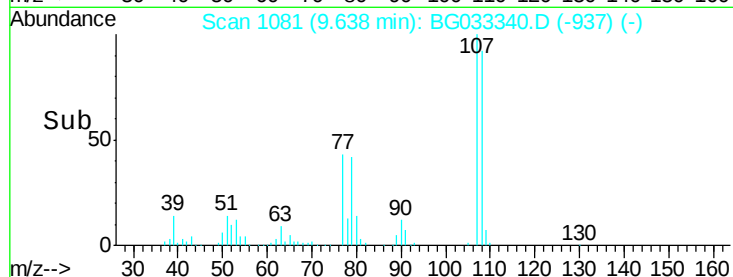
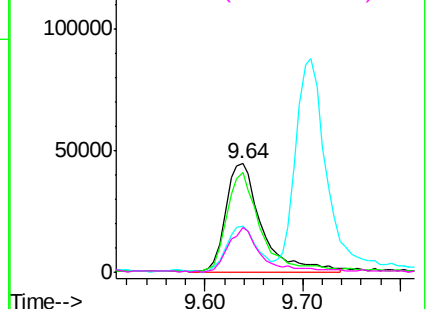
#17
2-Methylphenol
Concen: 44.454 ng
RT: 9.64 min Scan# 1081
Delta R.T. 0.31 min
Lab File: BG033340.D
Acq: 26 Mar 2018 21:48

Instrument :
BNA_G
ClientSampled :

Tot Ion:107 Resp: 113488
Ion Ratio Lower Upper
107 100
108 91.8 83.9 125.9
77 42.9 37.2 55.8
79 41.9 36.2 54.2

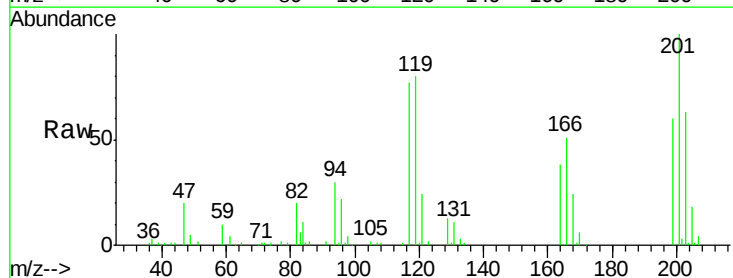


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

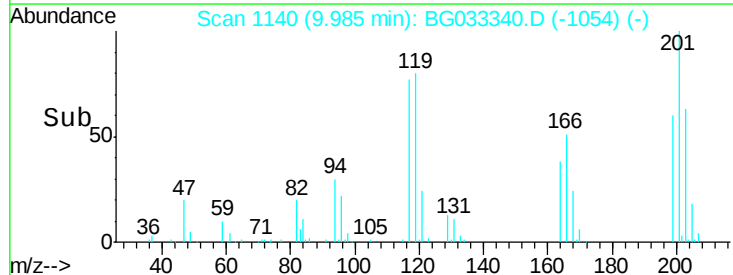
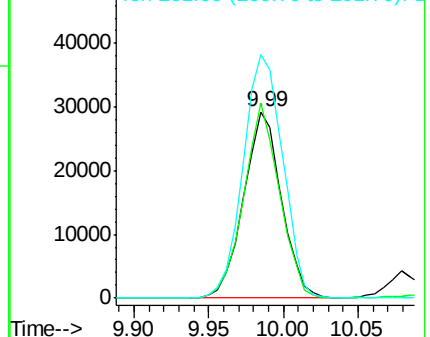


#18
Hexachloroethane
Concen: 40.013 ng
RT: 9.99 min Scan# 1140
Delta R.T. -0.03 min
Lab File: BG033340.D
Acq: 26 Mar 2018 21:48

Tgt Ion:117 Resp: 51066
Ion Ratio Lower Upper
117 100
119 104.8 76.7 115.1
201 130.5 95.7 143.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

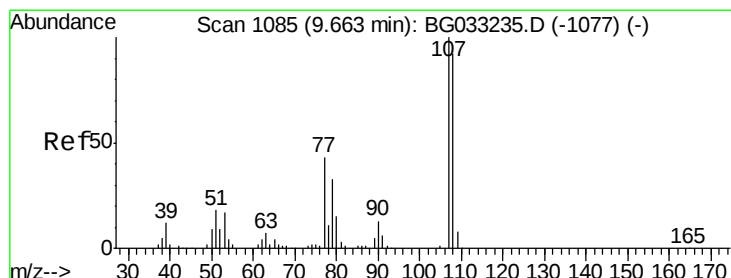
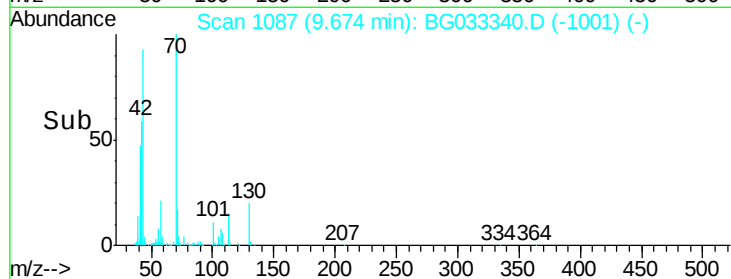
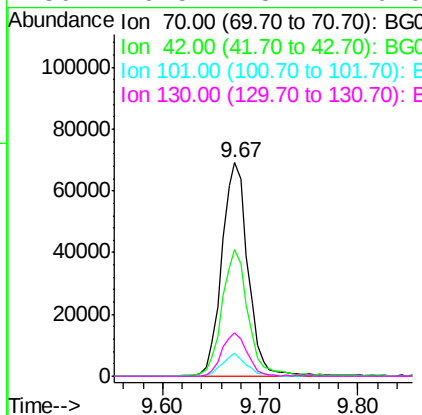
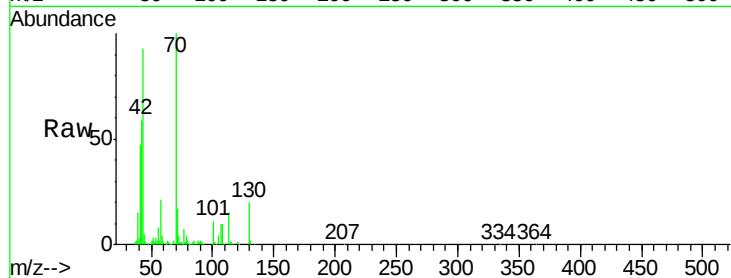




#19
n-Nitroso-di-n-propylamine
Concen: 46.340 ng
RT: 9.67 min Scan# 1087
Delta R.T. -0.03 min
Lab File: BG033340.D
Acq: 26 Mar 2018 21:48

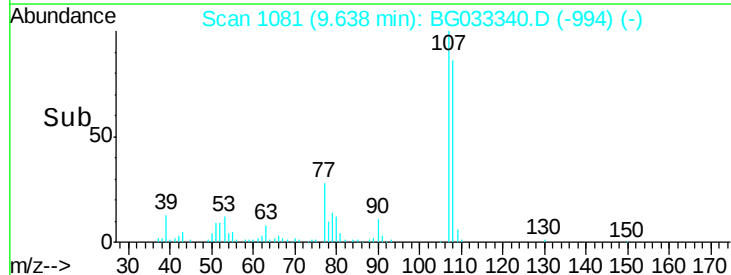
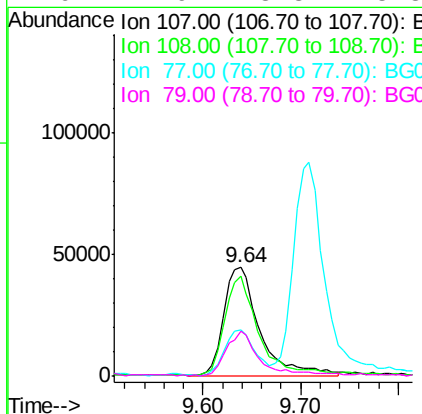
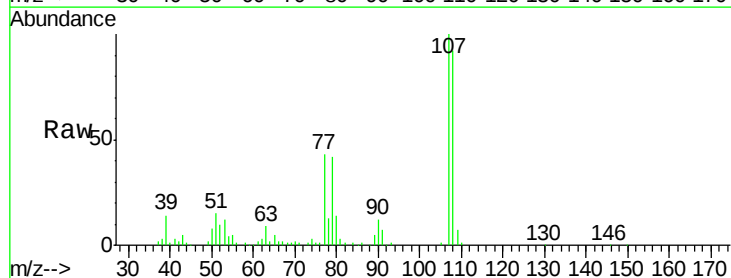
Instrument :
BNA_G
ClientSampleId :

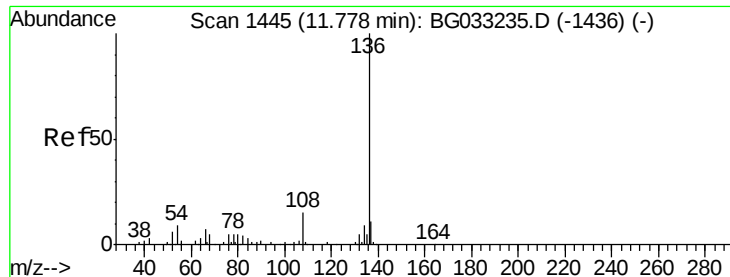
Tot Ion:	70	Resp:	128885
Ion	Ratio	Lower	Upper
70	100		
42	59.2	49.1	73.7
101	10.8	8.5	12.7
130	20.5	13.4	20.0#



#20
3+4-Methylphenols
Concen: 31.222 ng
RT: 9.64 min Scan# 1081
Delta R.T. -0.02 min
Lab File: BG033340.D
Acq: 26 Mar 2018 21:48

Tgt Ion:	107	Resp:	113488
Ion	Ratio	Lower	Upper
107	100		
108	91.8	61.6	101.6
77	42.9	13.9	53.9
79	41.9	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: BG033340.D

Acq: 26 Mar 2018 21:48

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 168245

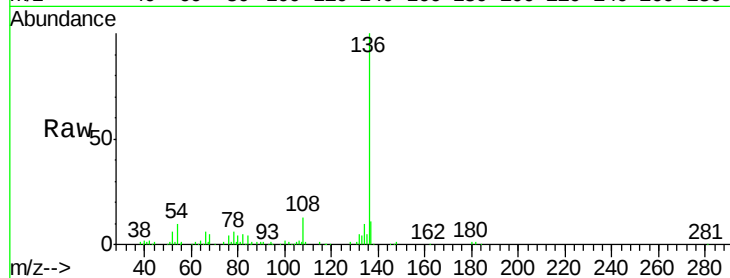
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 10.2 10.3 15.5#

68 5.0 4.5 6.7

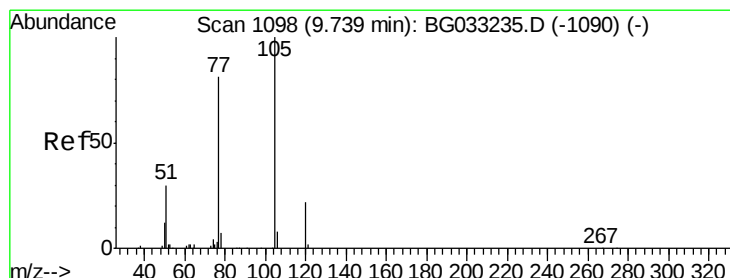
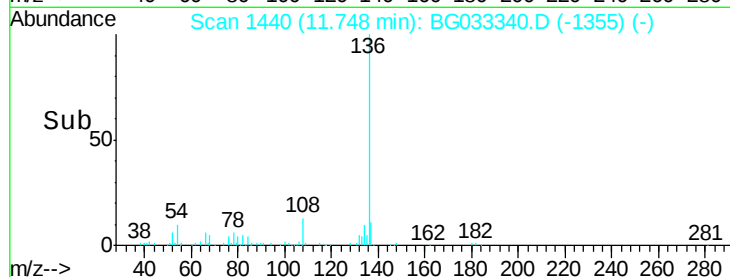
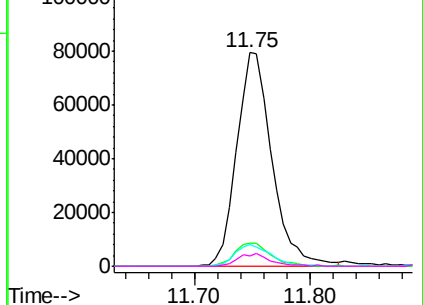


Abundance Ion 136.00 (135.70 to 136.70): E

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: 50.276 ng

RT: 9.71 min Scan# 1093

Delta R.T. -0.03 min

Lab File: BG033340.D

Acq: 26 Mar 2018 21:48

Tgt Ion:105 Resp: 231738

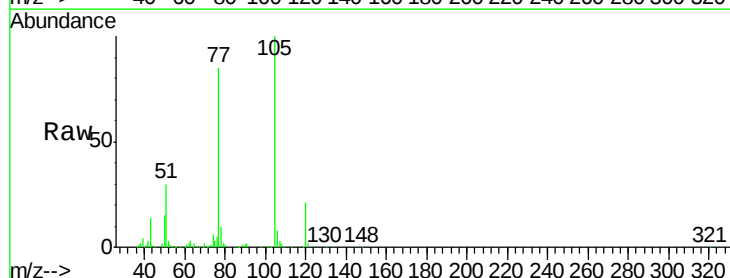
Ion Ratio Lower Upper

105 100

71 0.4 3.0 4.4#

51 30.0 26.1 39.1

120 21.1 17.4 26.2

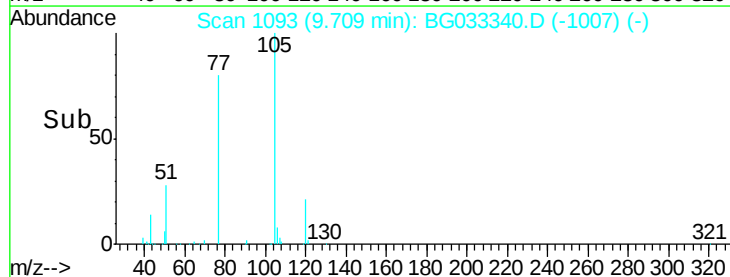
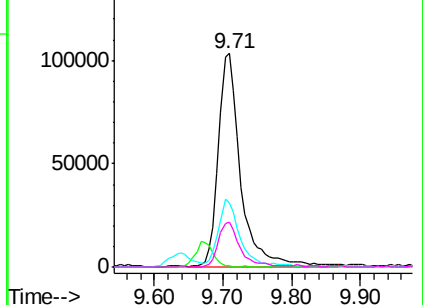


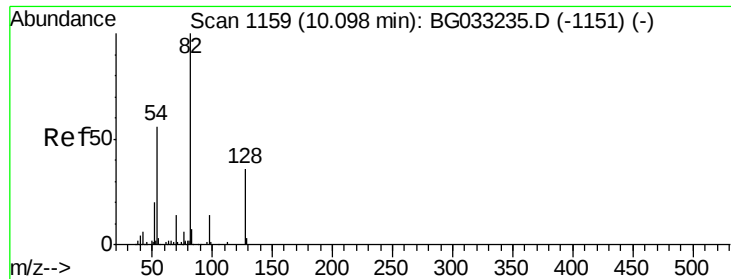
Abundance Ion 105.00 (104.70 to 105.70): E

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

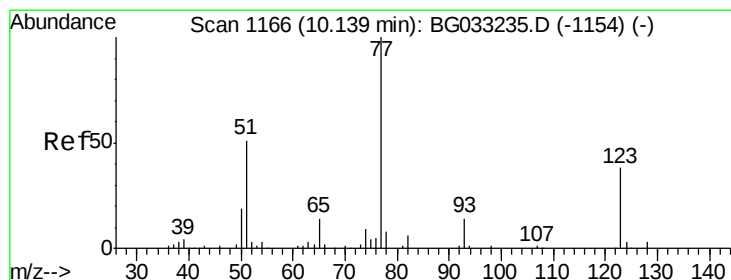
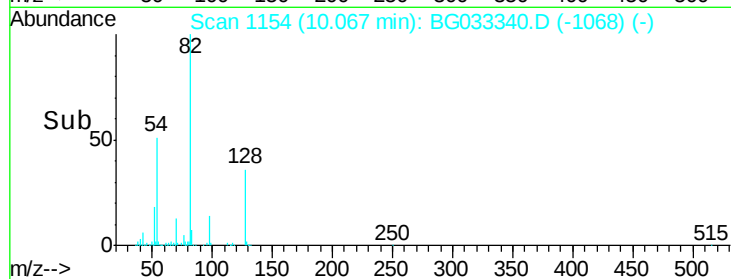
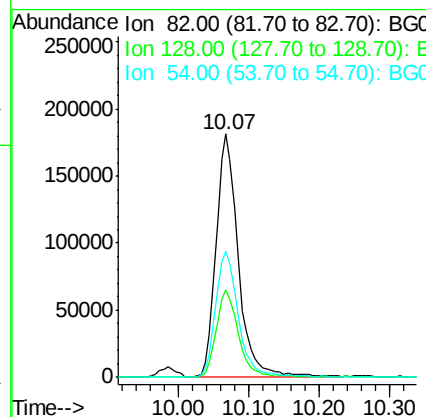
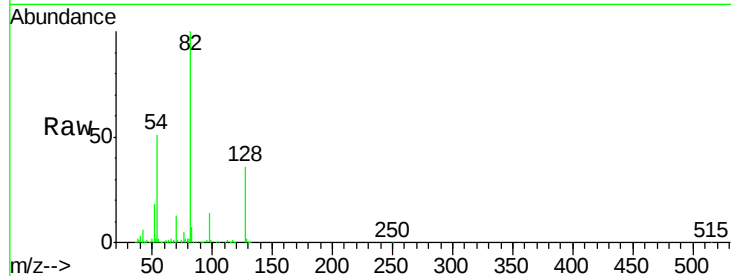




#23
 Nitrobenzene-d5
 Concen: 108.954 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. -0.03 min
 Lab File: BG033340.D
 Acq: 26 Mar 2018 21:48

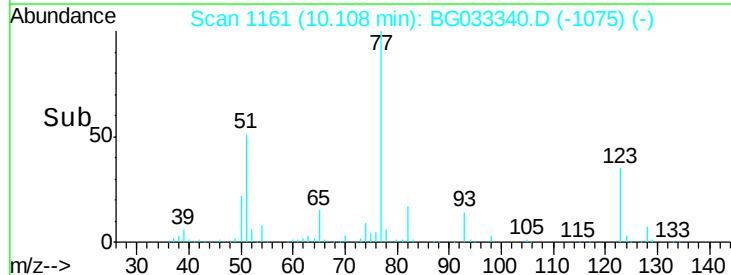
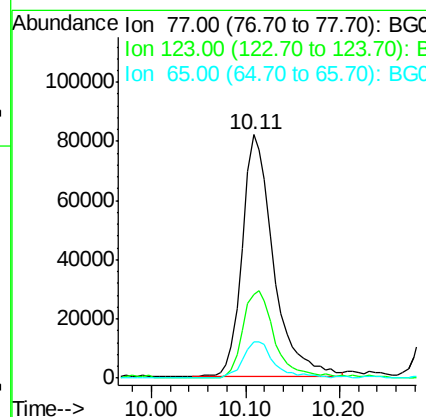
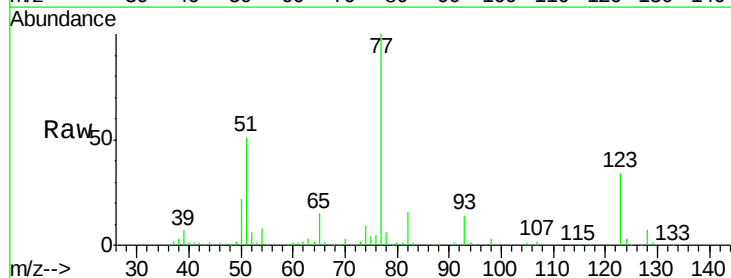
Instrument :
 BNA_G
 ClientSampleId :

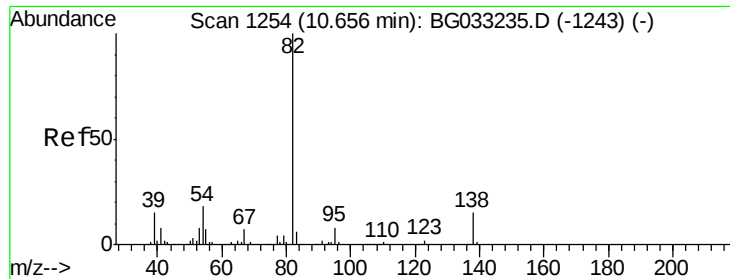
Tot Ion	82	Resp	398986
Ion Ratio	Lower	Upper	
82	100		
128	36.2	29.7	44.5
54	51.5	43.1	64.7



#24
 Nitrobenzene
 Concen: 48.316 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.03 min
 Lab File: BG033340.D
 Acq: 26 Mar 2018 21:48

Tgt Ion	77	Resp	189379
Ion Ratio	Lower	Upper	
77	100		
123	34.3	33.0	49.6
65	14.7	13.0	19.6





#25

Isophorone

Concen: 52.197 ng

RT: 10.63 min Scan# 1249

Delta R.T. -0.03 min

Lab File: BG033340.D

Acq: 26 Mar 2018 21:48

Instrument :

BNA_G

ClientSampleId :

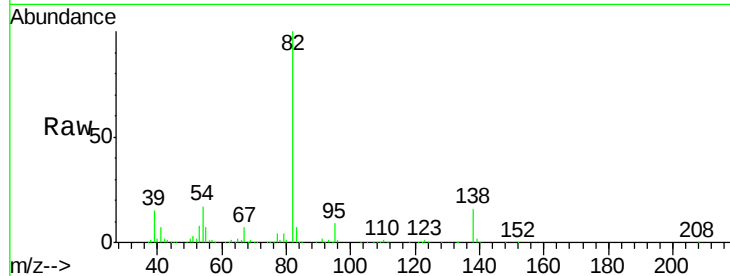
Tot Ion: 82 Resp: 370983

Ion Ratio Lower Upper

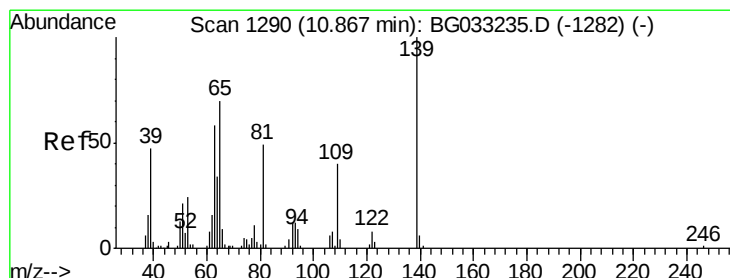
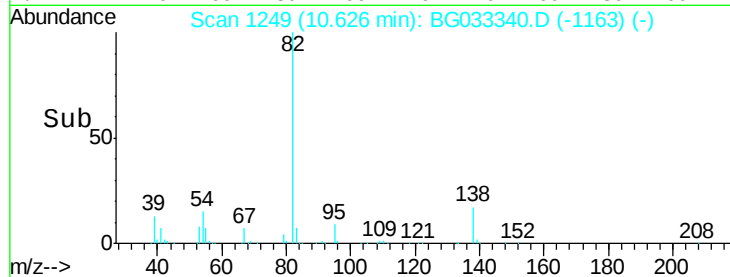
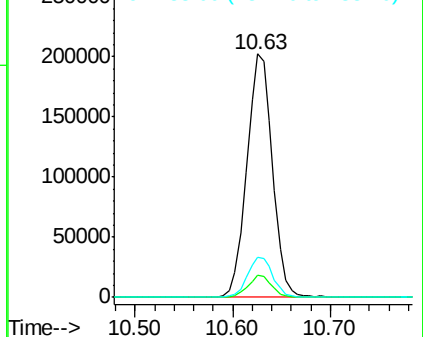
82 100

95 8.9 6.2 9.2

138 16.4 12.1 18.1



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



#26

2-Nitrophenol

Concen: 55.104 ng

RT: 10.84 min Scan# 1285

Delta R.T. -0.03 min

Lab File: BG033340.D

Acq: 26 Mar 2018 21:48

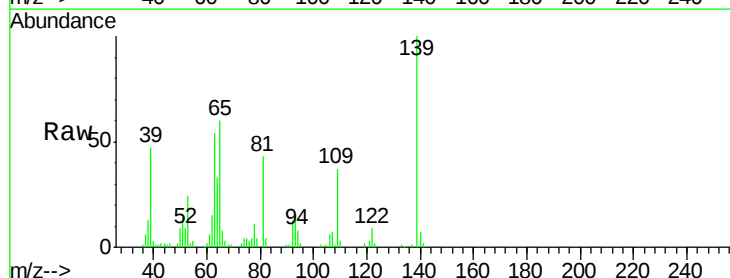
Tgt Ion: 139 Resp: 81771

Ion Ratio Lower Upper

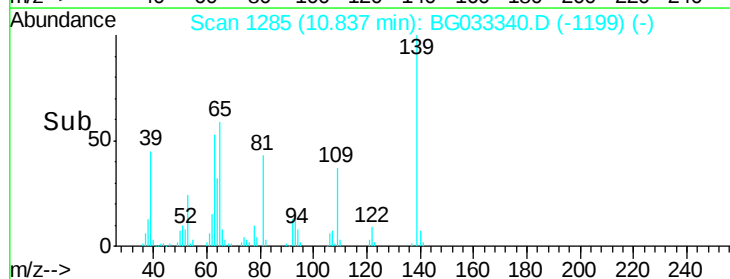
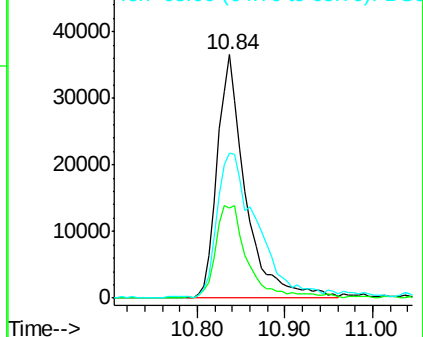
139 100

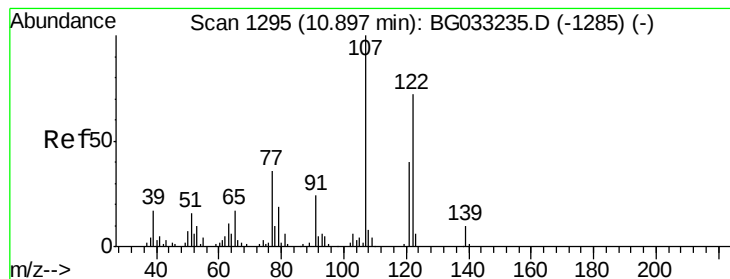
109 37.1 24.2 36.2#

65 59.8 47.4 71.0



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





#27

2,4-Dimethylphenol

Concen: 53.480 ng

RT: 10.87 min Scan# 1290

Delta R.T. -0.03 min

Lab File: BG033340.D

Acq: 26 Mar 2018 21:48

Instrument :

BNA_G

ClientSampleId :

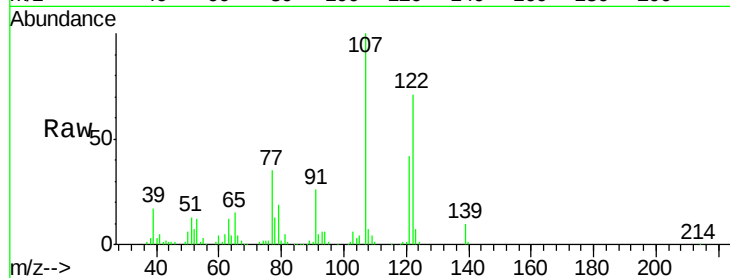
Tot Ion:122 Resp: 115288

Ion Ratio Lower Upper

122 100

107 140.4 100.2 150.2

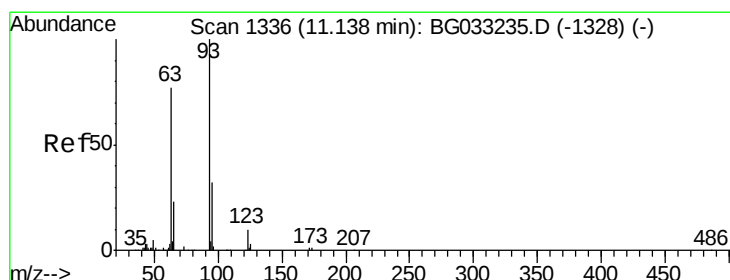
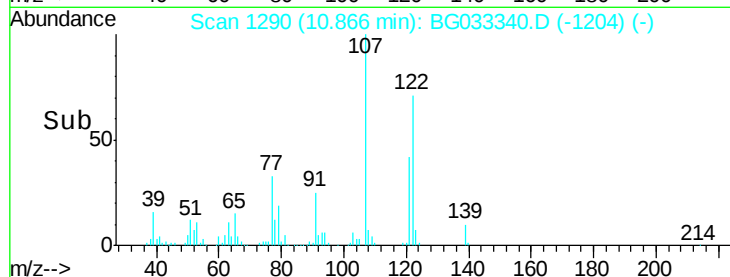
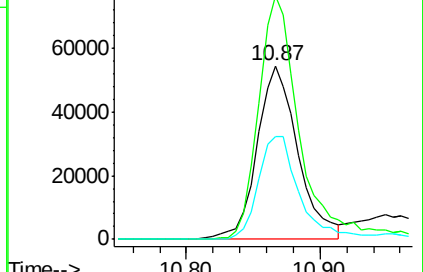
121 59.3 44.4 66.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 55.601 ng

RT: 11.11 min Scan# 1331

Delta R.T. -0.03 min

Lab File: BG033340.D

Acq: 26 Mar 2018 21:48

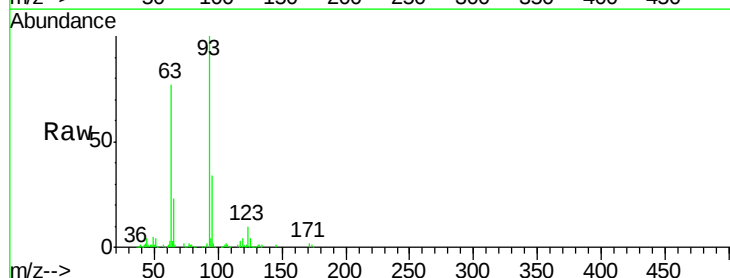
Tgt Ion: 93 Resp: 197172

Ion Ratio Lower Upper

93 100

95 34.1 24.3 36.5

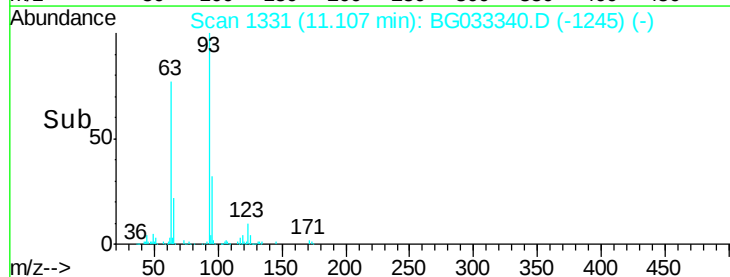
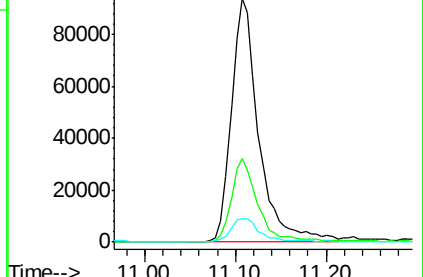
123 9.8 8.4 12.6

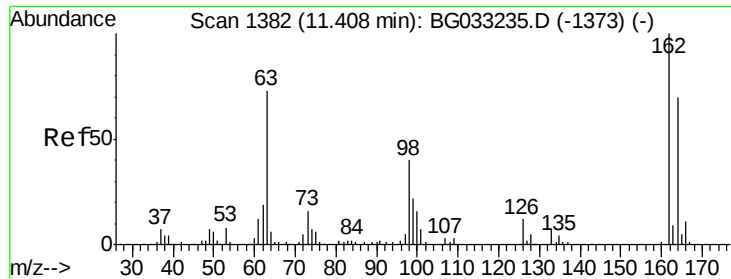


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 56.028 ng

RT: 11.38 min Scan# 1377

Delta R.T. -0.03 min

Lab File: BG033340.D

Acq: 26 Mar 2018 21:48

Instrument :

BNA_G

ClientSampled :

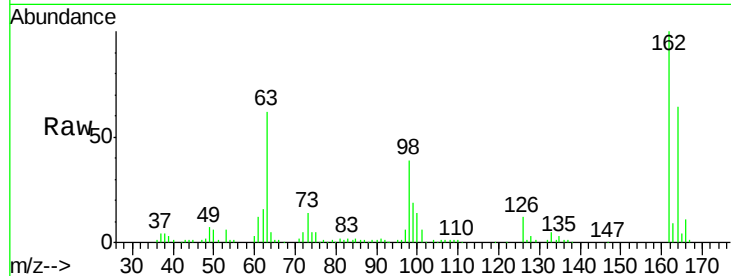
Tot Ion:162 Resp: 148538

Ion Ratio Lower Upper

162 100

164 63.6 48.0 88.0

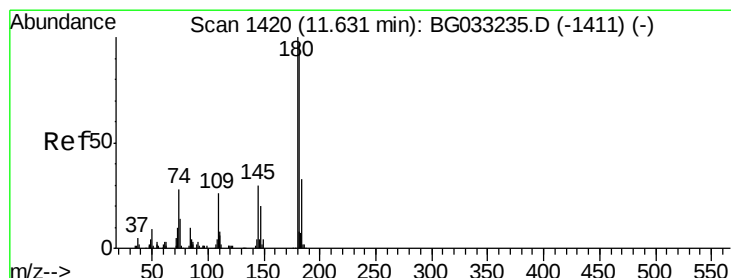
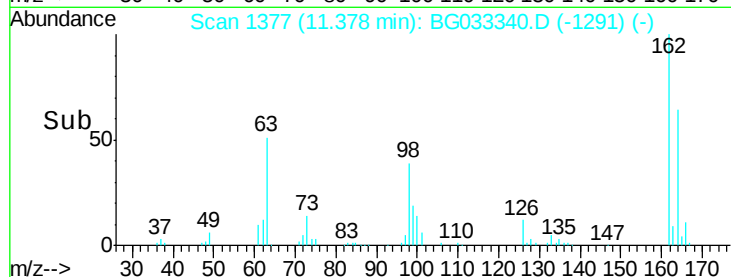
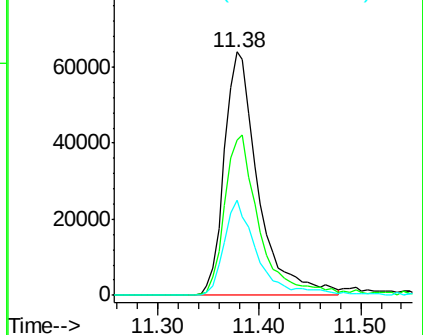
98 38.9 21.1 61.1



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: 46.954 ng

RT: 11.60 min Scan# 1415

Delta R.T. -0.03 min

Lab File: BG033340.D

Acq: 26 Mar 2018 21:48

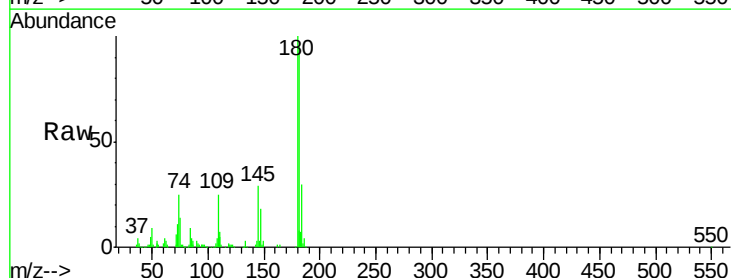
Tgt Ion:180 Resp: 161732

Ion Ratio Lower Upper

180 100

182 94.8 77.5 116.3

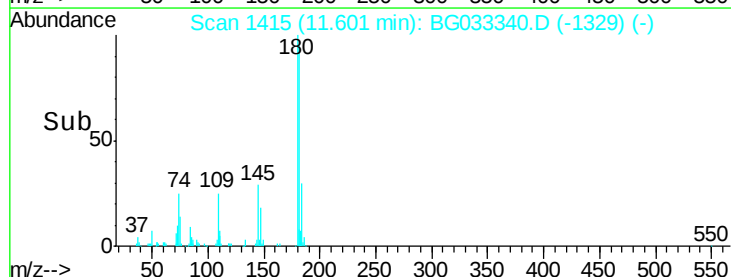
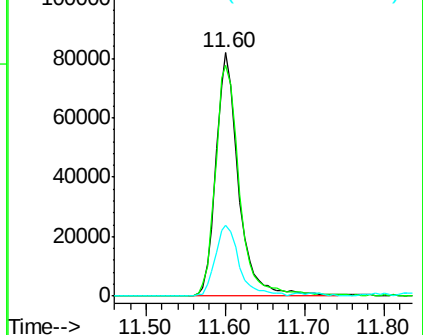
145 29.3 23.4 35.2

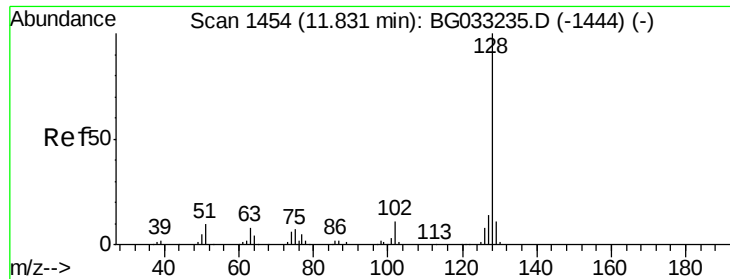


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

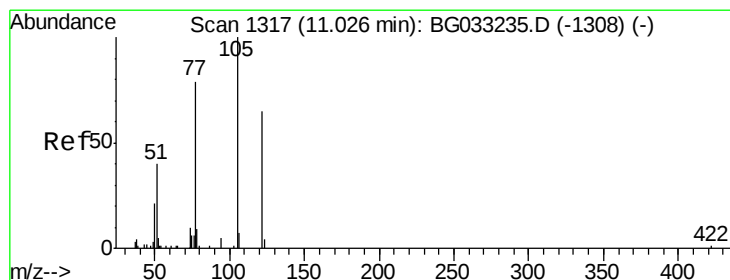
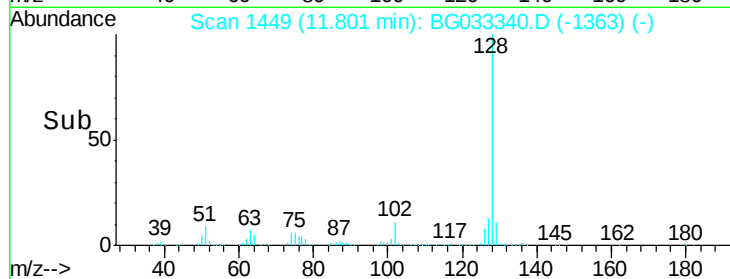
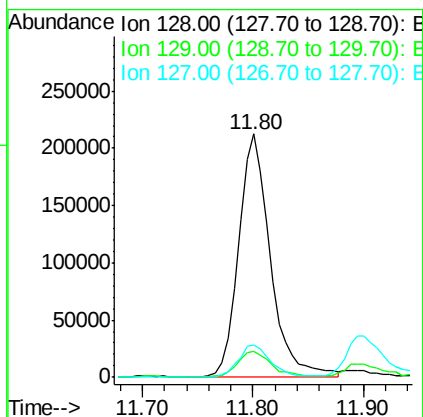
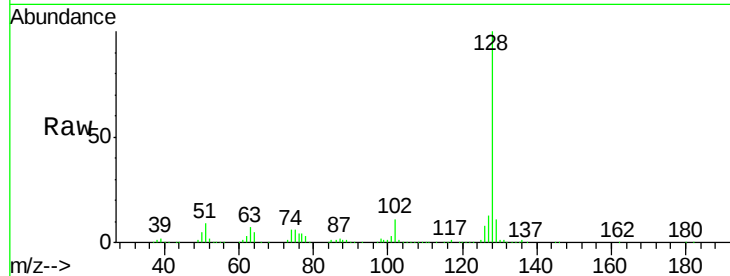




#31
Naphthalene
Concen: 49.254 ng
RT: 11.80 min Scan# 1449
Delta R.T. -0.03 min
Lab File: BG033340.D
Acq: 26 Mar 2018 21:48

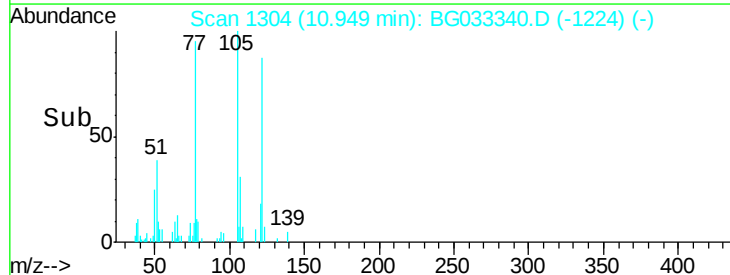
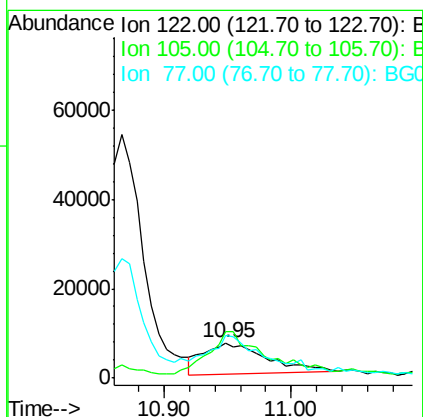
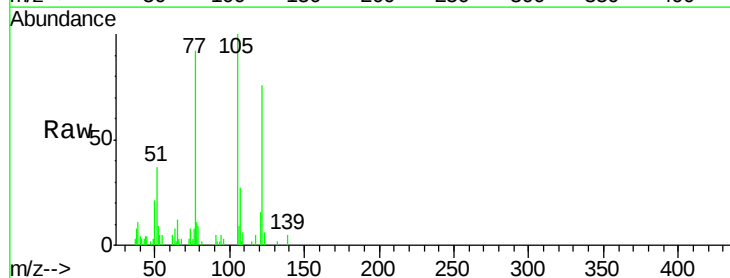
Instrument :
BNA_G
ClientSampleId :

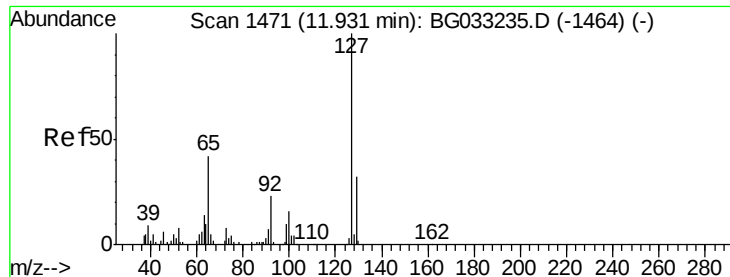
Tot Ion	128	Resp	429424
Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	13.4	11.6	17.4



#32
Benzoic acid
Concen: 11.758 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.06 min
Lab File: BG033340.D
Acq: 26 Mar 2018 21:48

Tgt Ion	122	Resp	23563
Ion	Ratio	Lower	Upper
122	100		
105	131.9	123.5	163.5
77	121.2	85.7	125.7

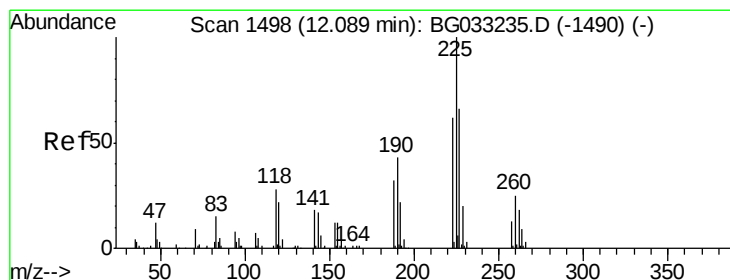
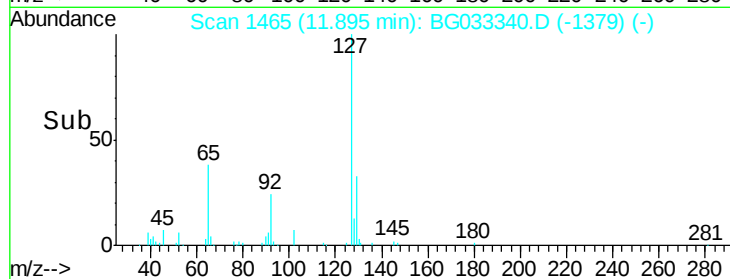
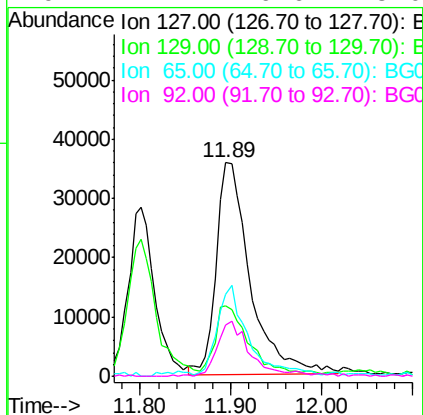
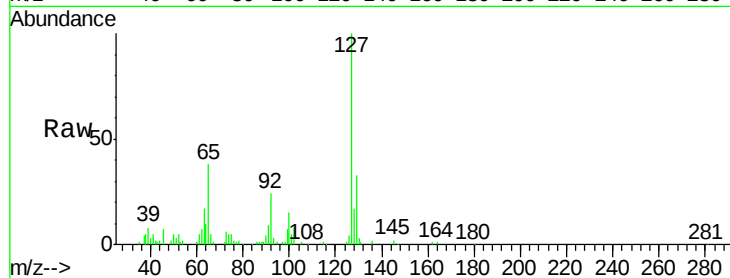




#33
4-Chloroaniline
Concen: 23.996 ng
RT: 11.89 min Scan# 1465
Delta R.T. -0.03 min
Lab File: BG033340.D
Acq: 26 Mar 2018 21:48

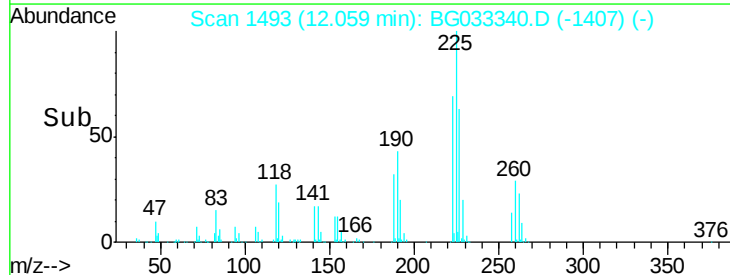
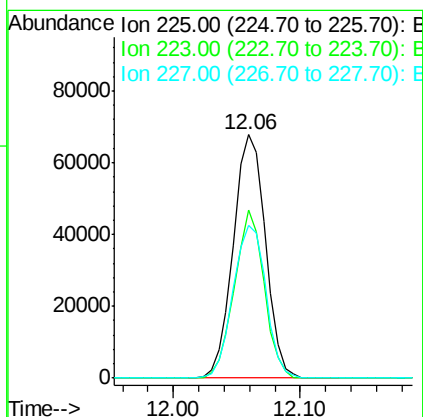
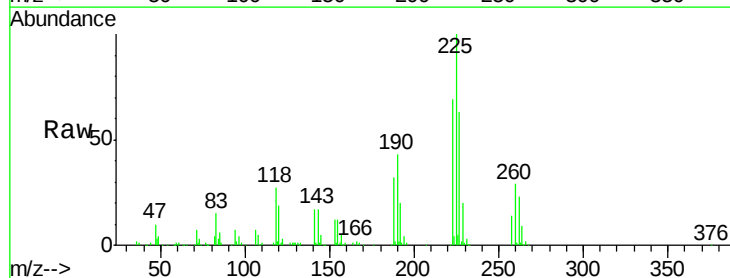
Instrument :
BNA_G
ClientSampleId :

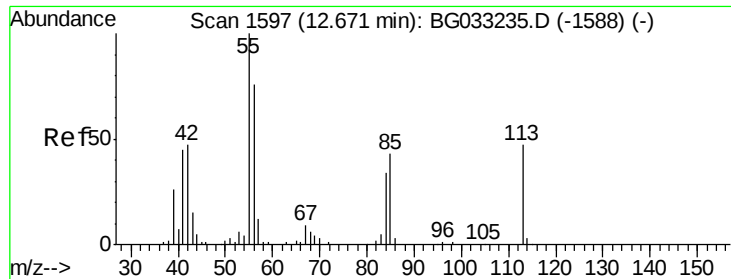
Tot Ion:	127	Resp:	93731
Ion	Ratio	Lower	Upper
127	100		
129	33.1	24.0	36.0
65	38.1	27.0	40.4
92	24.1	16.6	25.0



#34
Hexachlorobutadiene
Concen: 45.758 ng
RT: 12.06 min Scan# 1493
Delta R.T. -0.03 min
Lab File: BG033340.D
Acq: 26 Mar 2018 21:48

Tgt Ion:	225	Resp:	119189
Ion	Ratio	Lower	Upper
225	100		
223	68.9	49.7	74.5
227	62.7	48.1	72.1





#35

Caprolactam

Concen: 23.914 ng

RT: 12.63 min Scan# 1591

Delta R.T. -0.04 min

Lab File: BG033340.D

Acq: 26 Mar 2018 21:48

Instrument :

BNA_G

ClientSampleId :

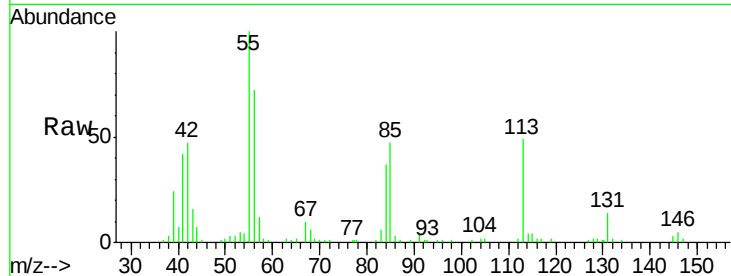
Tot Ion:113 Resp: 24837

Ion Ratio Lower Upper

113 100

55 205.1 186.9 226.9

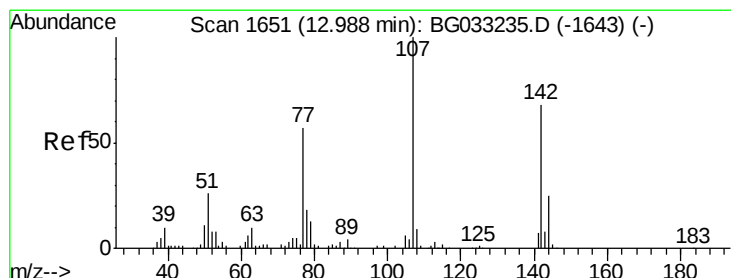
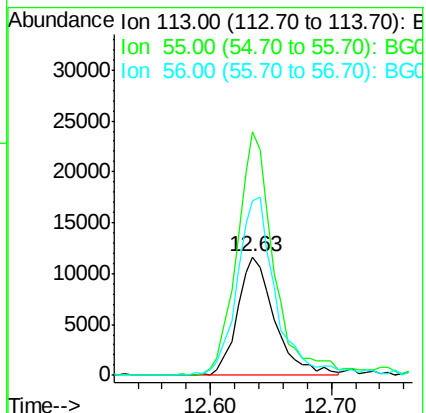
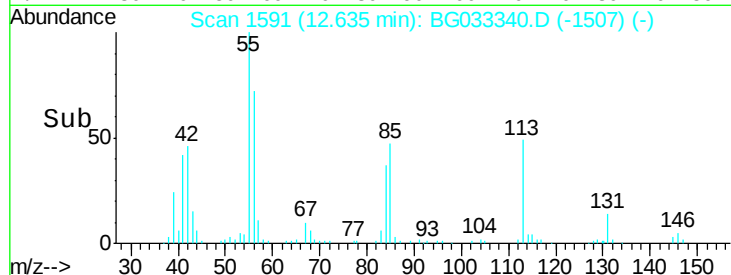
56 147.0 130.9 170.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 49.500 ng

RT: 12.96 min Scan# 1646

Delta R.T. -0.03 min

Lab File: BG033340.D

Acq: 26 Mar 2018 21:48

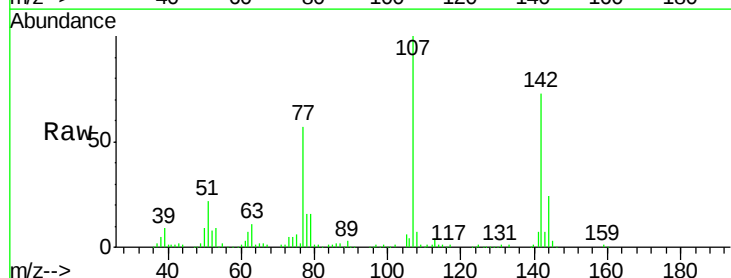
Tgt Ion:107 Resp: 171159

Ion Ratio Lower Upper

107 100

144 23.8 18.2 27.4

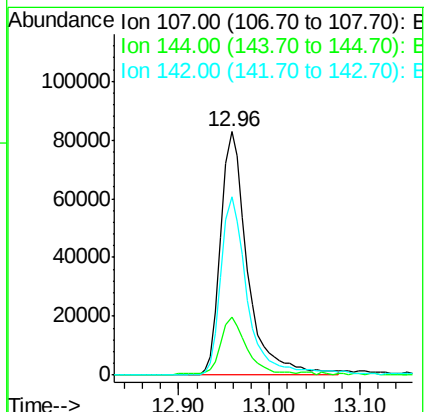
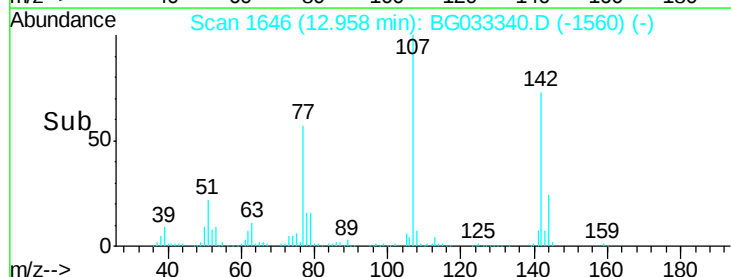
142 73.1 59.0 88.4

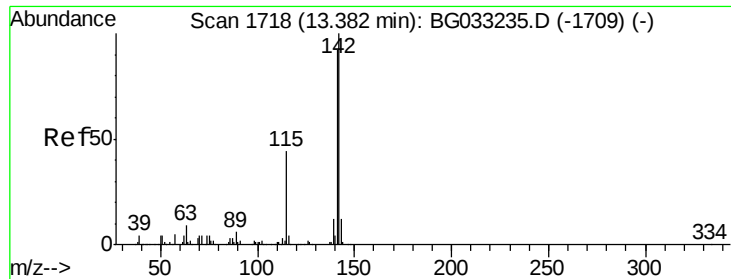


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

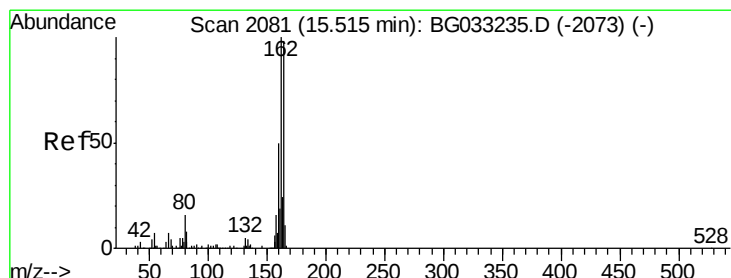
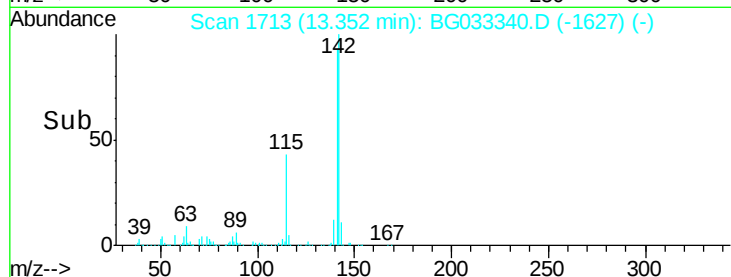
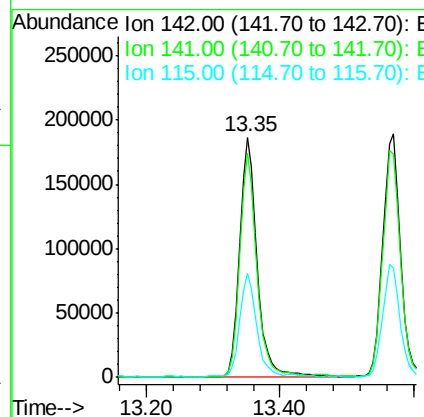
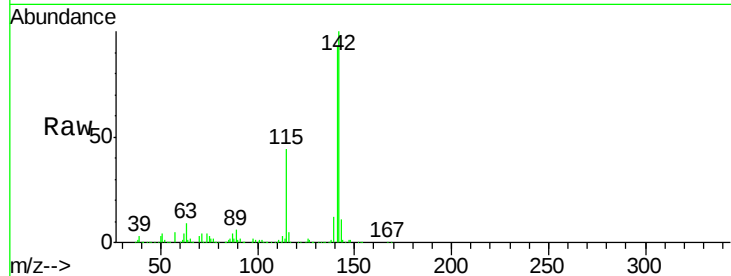




#37
2-Methylnaphthalene
Concen: 50.817 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.03 min
Lab File: BG033340.D
Acq: 26 Mar 2018 21:48

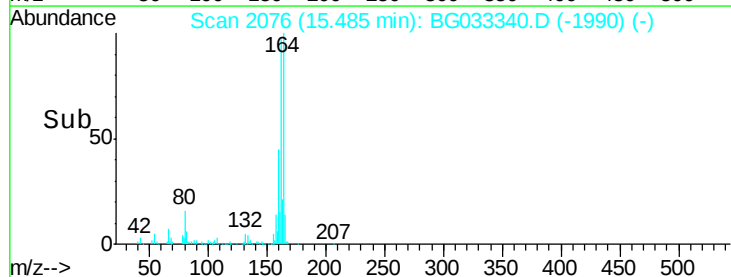
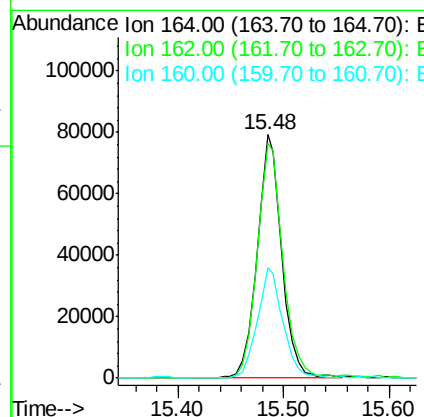
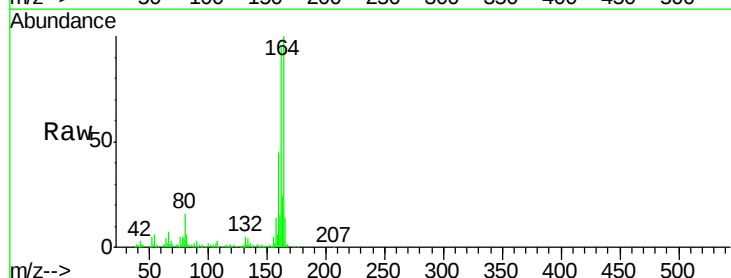
Instrument :
BNA_G
ClientSampled :

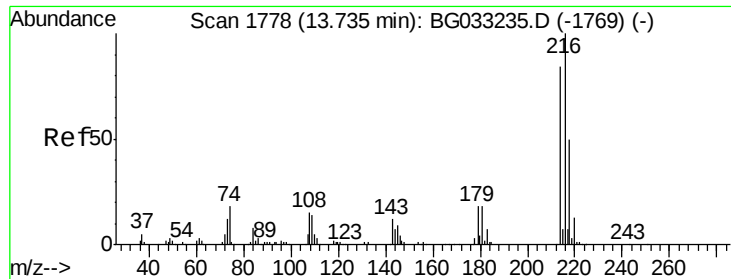
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.3	67.1	100.7
115	43.5	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2076
Delta R.T. -0.03 min
Lab File: BG033340.D
Acq: 26 Mar 2018 21:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.4	78.8	118.2
160	45.3	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.500 ng

RT: 13.70 min Scan# 1773

Delta R.T. -0.03 min

Lab File: BG033340.D

Acq: 26 Mar 2018 21:48

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 230714

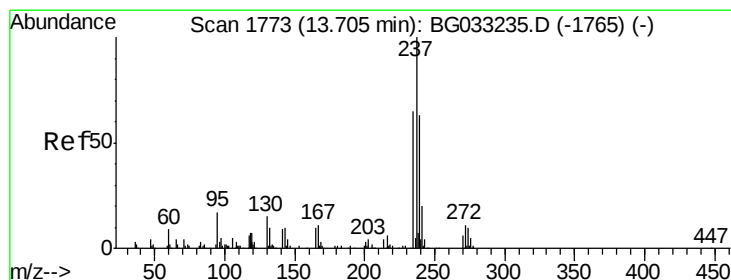
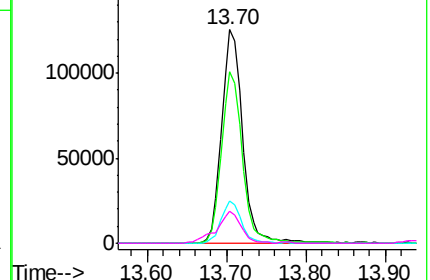
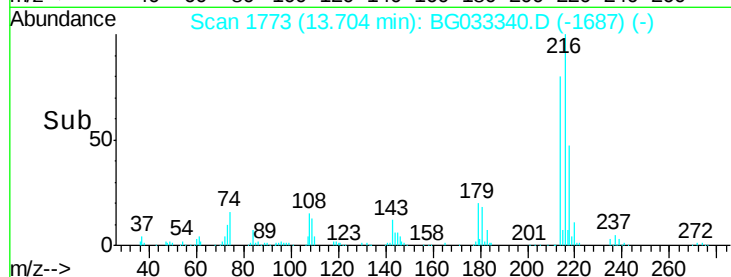
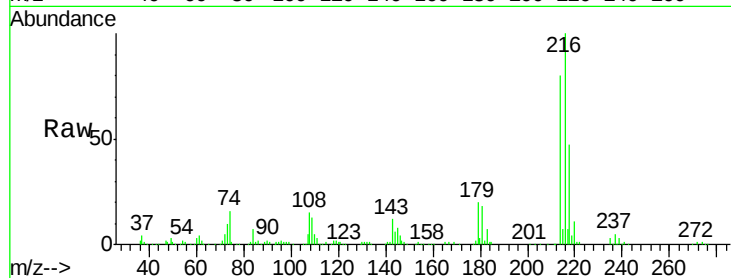
Ion	Ratio	Lower	Upper
216	100		
214	80.6	63.0	94.4
179	19.2	17.0	25.6
108	17.4	12.8	19.2

Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 96.391 ng

RT: 13.68 min Scan# 1769

Delta R.T. -0.02 min

Lab File: BG033340.D

Acq: 26 Mar 2018 21:48

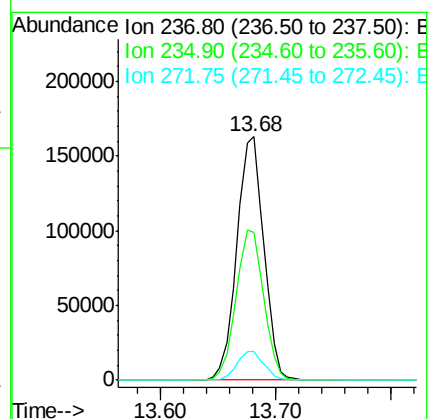
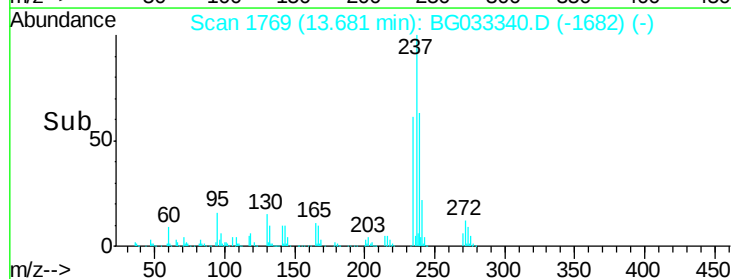
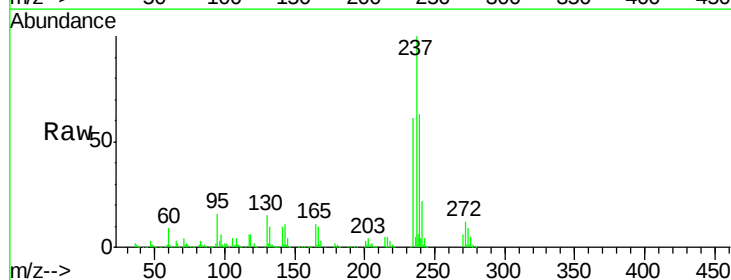
Tgt Ion:237 Resp: 263370

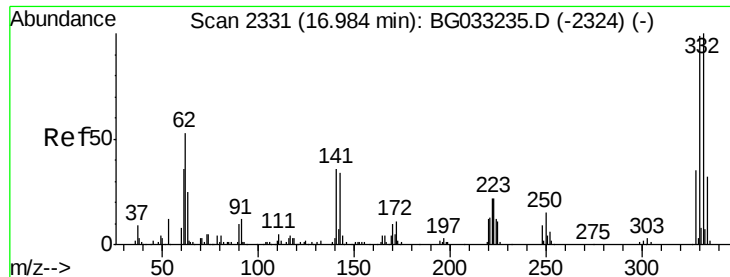
Ion	Ratio	Lower	Upper
237	100		
235	60.9	50.4	90.4
272	11.7	0.0	31.8

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

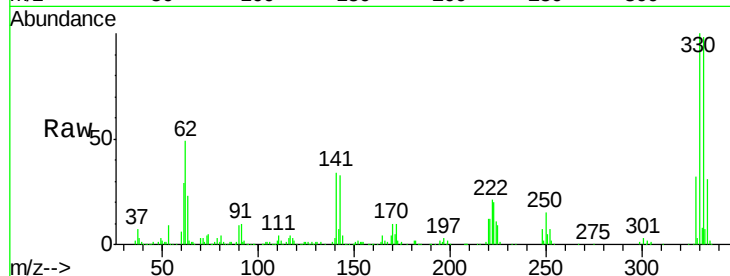




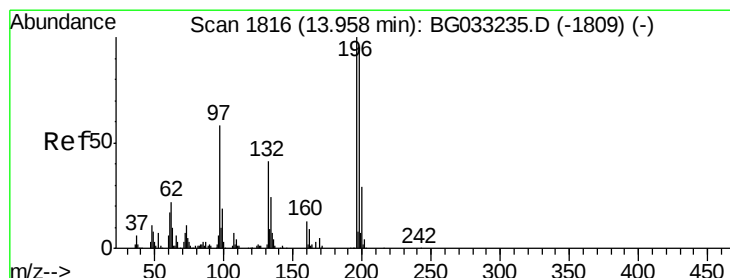
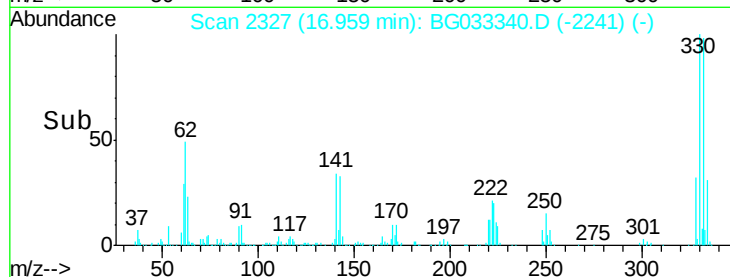
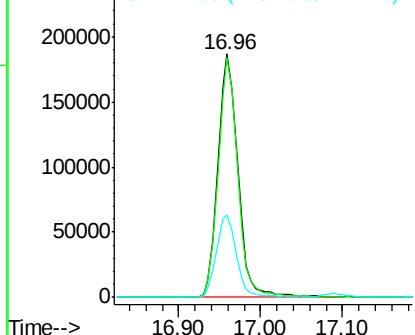
#41
 2,4,6-Tribromophenol
 Concen: 166.115 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. -0.03 min
 Lab File: BG033340.D
 Acq: 26 Mar 2018 21:48

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	34.2	25.2	37.8

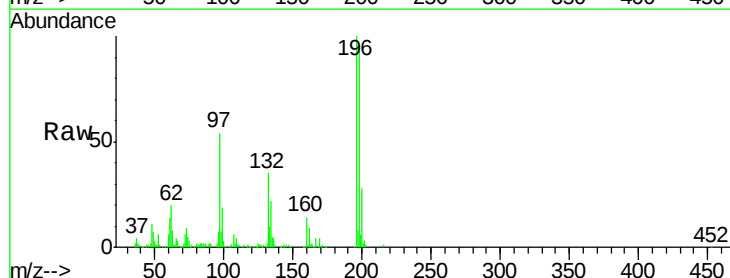


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

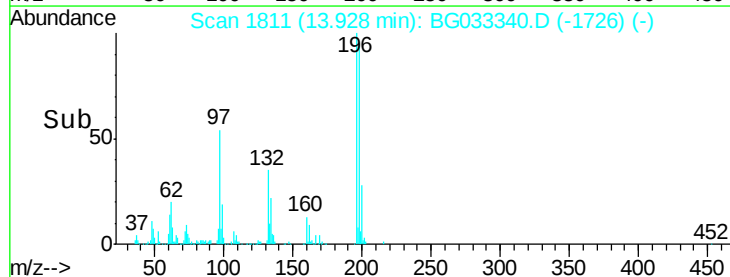
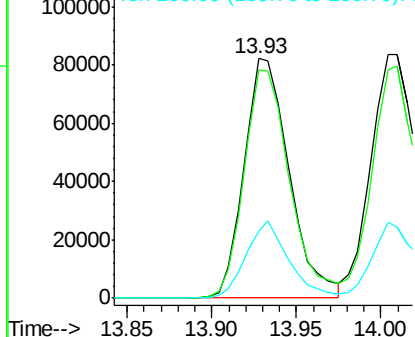


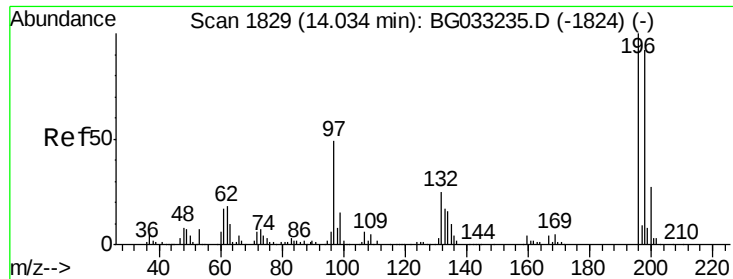
#42
 2,4,6-Trichlorophenol
 Concen: 56.473 ng
 RT: 13.93 min Scan# 1811
 Delta R.T. -0.03 min
 Lab File: BG033340.D
 Acq: 26 Mar 2018 21:48

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	78.2	117.2
200	27.8	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

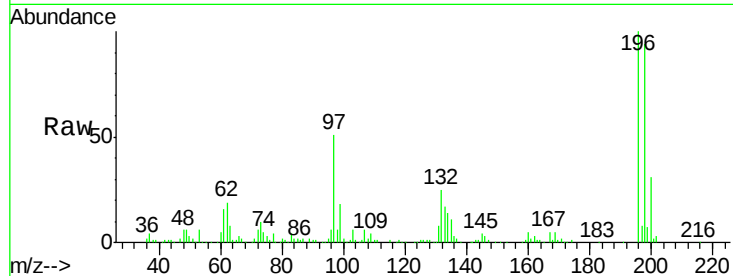




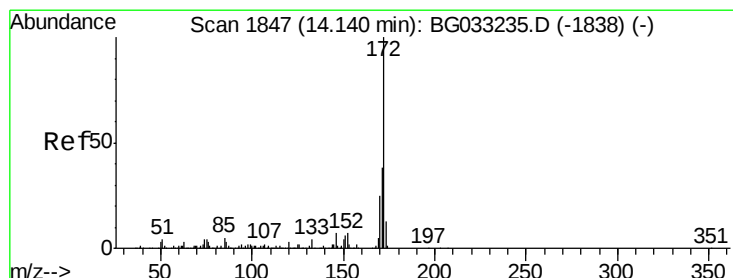
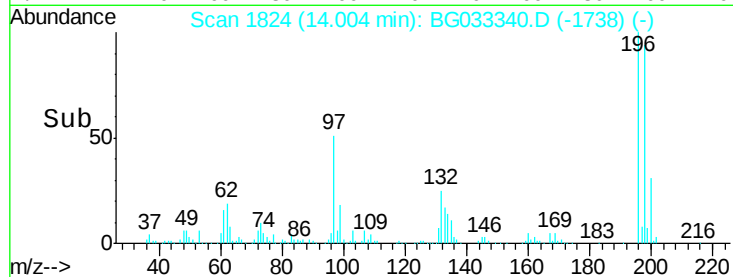
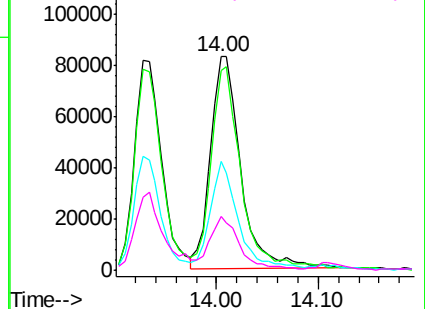
#43
 2,4,5-Trichlorophenol
 Concen: 54.079 ng
 RT: 14.00 min Scan# 1824
 Delta R.T. -0.03 min
 Lab File: BG033340.D
 Acq: 26 Mar 2018 21:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 173097
 Ion Ratio Lower Upper
 196 100
 198 93.7 76.2 114.4
 97 51.2 38.7 58.1
 132 25.4 20.2 30.2

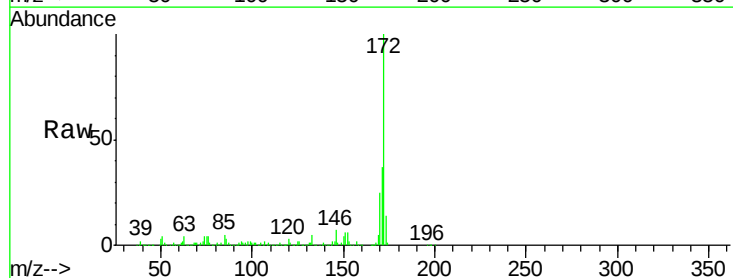


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

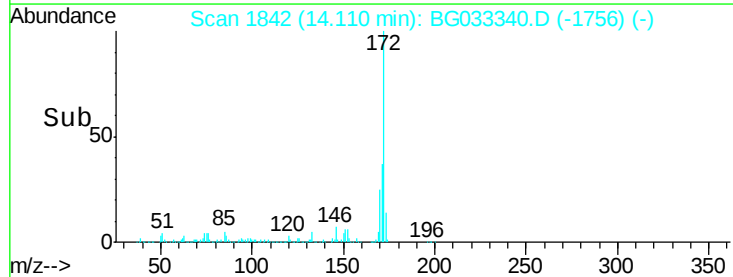
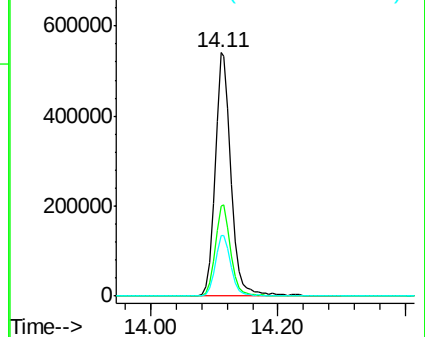


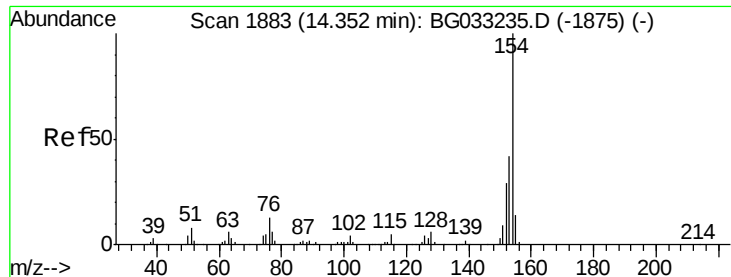
#44
 2-Fluorobiphenyl
 Concen: 108.453 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.03 min
 Lab File: BG033340.D
 Acq: 26 Mar 2018 21:48

Tgt Ion:172 Resp: 966644
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.0 45.0
 170 25.0 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

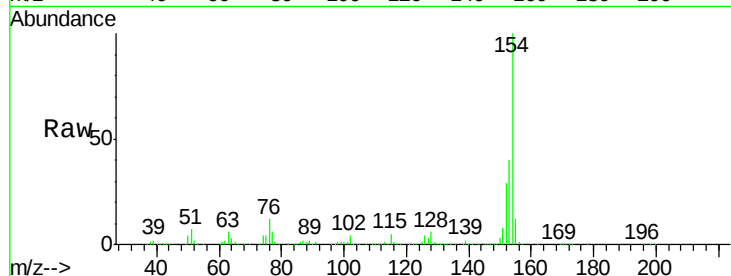




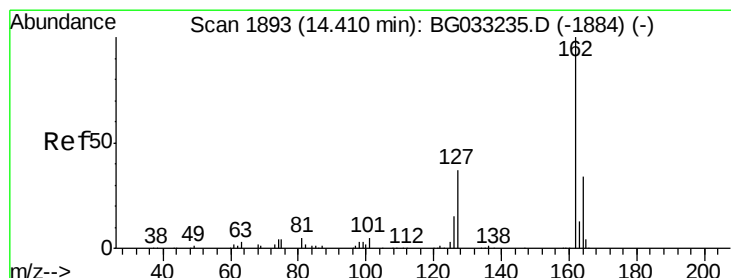
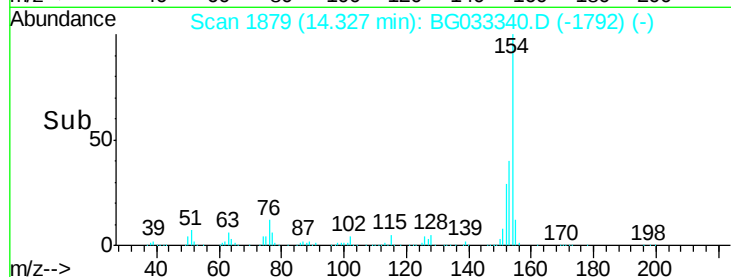
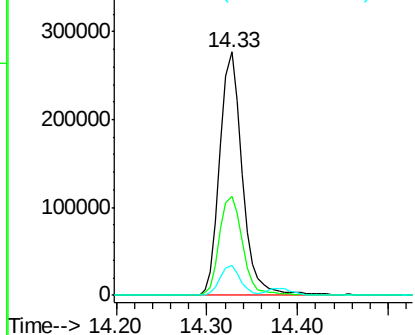
#45
 1,1'-Biphenyl
 Concen: 48.434 ng
 RT: 14.33 min Scan# 1879
 Delta R.T. -0.02 min
 Lab File: BG033340.D
 Acq: 26 Mar 2018 21:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	19.8	59.8
76	12.4	0.0	31.9

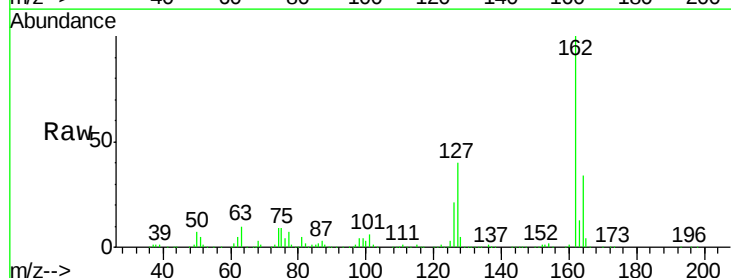


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

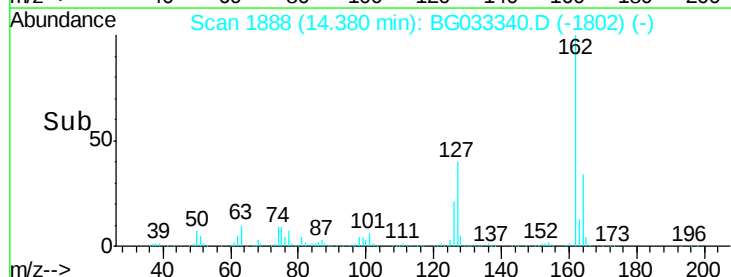
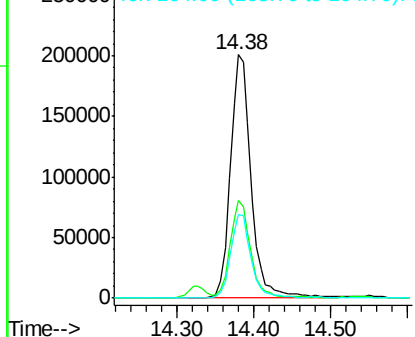


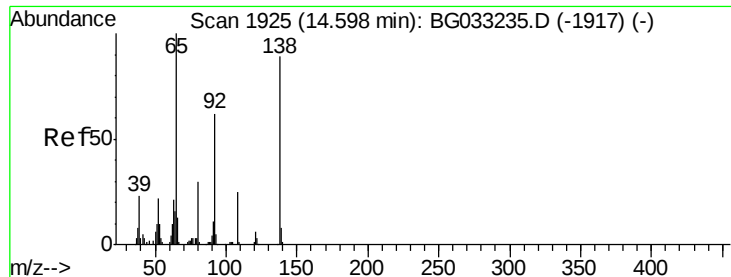
#46
 2-Chloronaphthalene
 Concen: 49.430 ng
 RT: 14.38 min Scan# 1888
 Delta R.T. -0.03 min
 Lab File: BG033340.D
 Acq: 26 Mar 2018 21:48

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.3	30.7	46.1
164	34.3	26.0	39.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

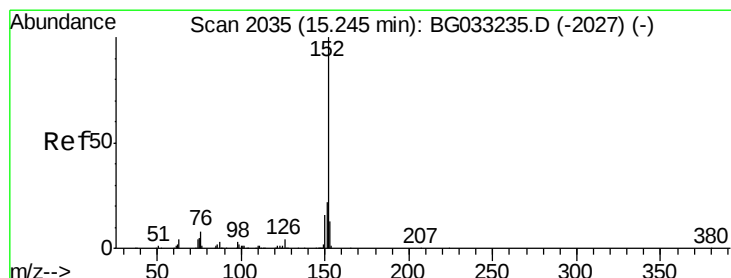
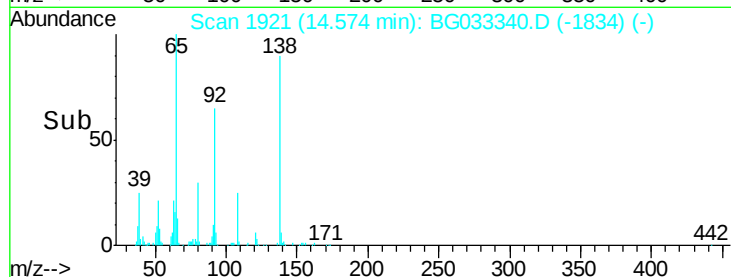
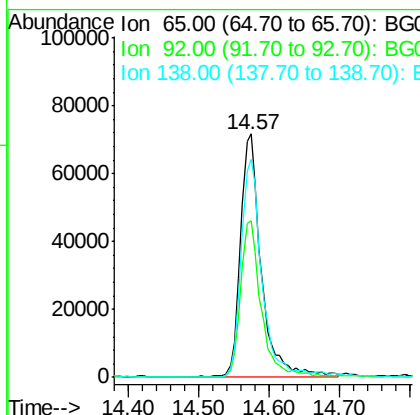
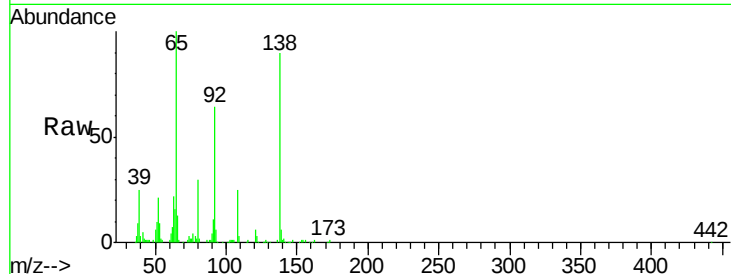




#47
2-Nitroaniline
Concen: 51.895 ng
RT: 14.57 min Scan# 1921
Delta R.T. -0.02 min
Lab File: BG033340.D
Acq: 26 Mar 2018 21:48

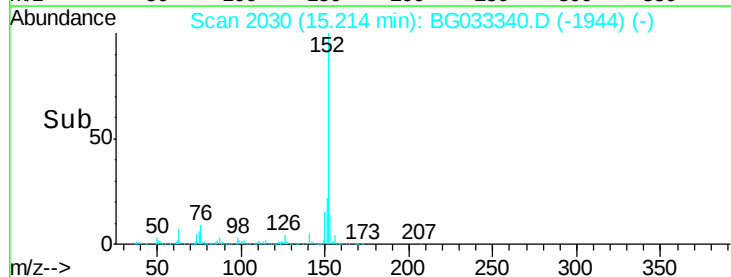
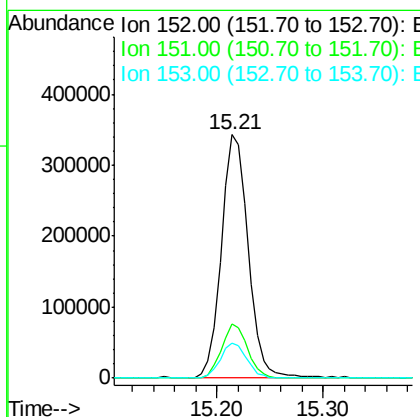
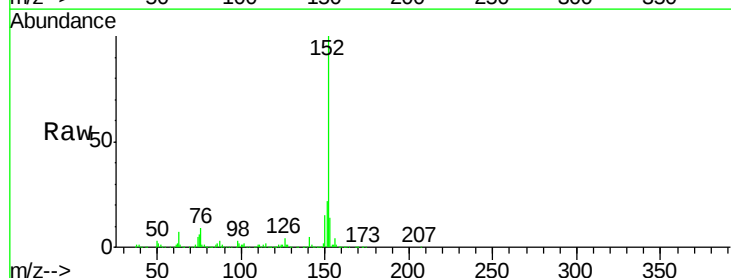
Instrument :
BNA_G
ClientSampleId :

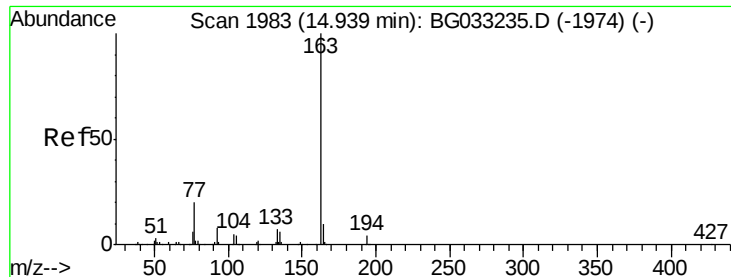
Tot Ion: 65 Resp: 148159
Ion Ratio Lower Upper
65 100
92 64.5 54.6 82.0
138 89.7 72.9 109.3



#48
Acenaphthylene
Concen: 47.278 ng
RT: 15.21 min Scan# 2030
Delta R.T. -0.03 min
Lab File: BG033340.D
Acq: 26 Mar 2018 21:48

Tgt Ion: 152 Resp: 601516
Ion Ratio Lower Upper
152 100
151 22.2 17.2 25.8
153 14.3 10.2 15.4

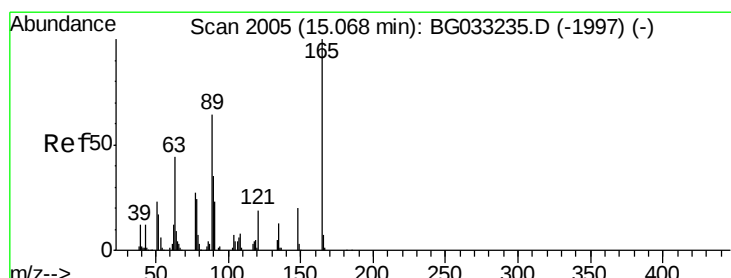
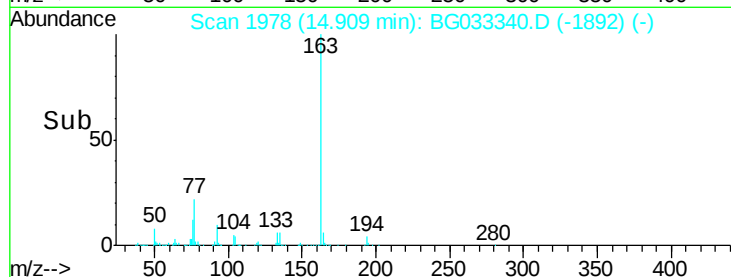
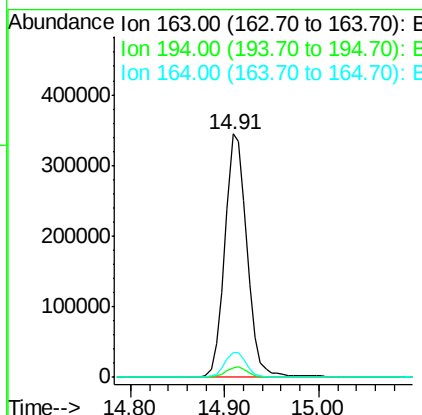
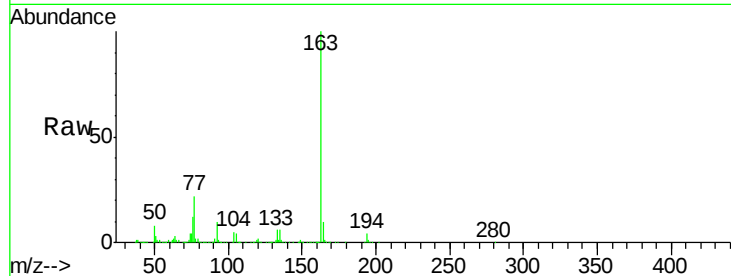




#49
Dimethylphthalate
Concen: 50.579 ng
RT: 14.91 min Scan# 1978
Delta R.T. -0.03 min
Lab File: BG033340.D
Acq: 26 Mar 2018 21:48

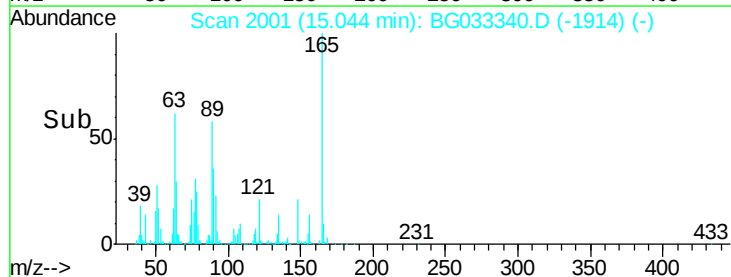
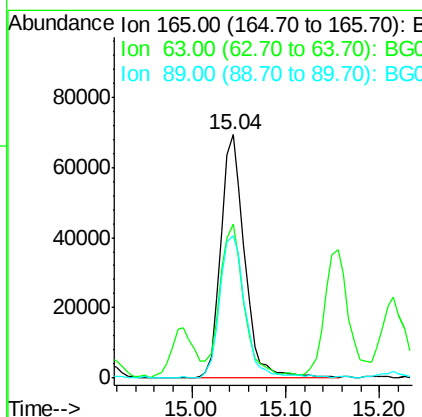
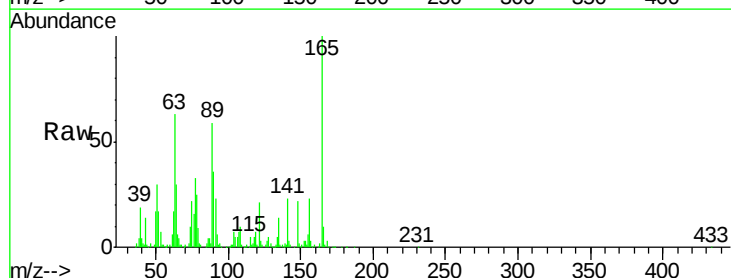
Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 566377
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.4 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 53.607 ng
RT: 15.04 min Scan# 2001
Delta R.T. -0.02 min
Lab File: BG033340.D
Acq: 26 Mar 2018 21:48

Tgt Ion:165 Resp: 122743
Ion Ratio Lower Upper
165 100
63 63.4 52.7 79.1
89 58.5 49.2 73.8





#51

Acenaphthene

Concen: 55.665 ng

RT: 15.55 min Scan# 2087

Delta R.T. -0.03 min

Lab File: BG033340.D

Acq: 26 Mar 2018 21:48

Instrument :

BNA_G

ClientSampleId :

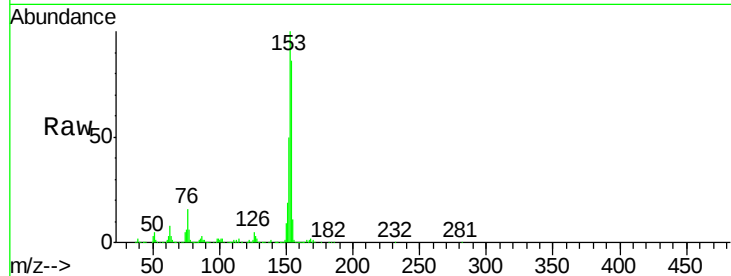
Tot Ion:154 Resp: 456553

Ion Ratio Lower Upper

154 100

153 116.2 90.4 135.6

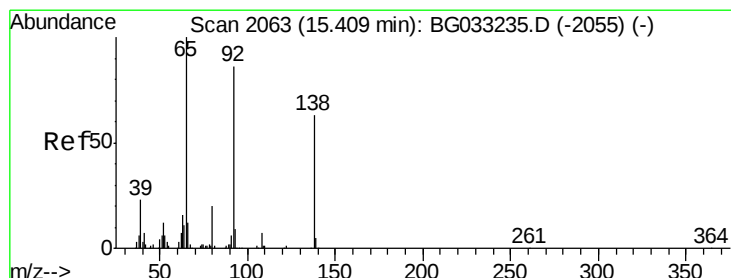
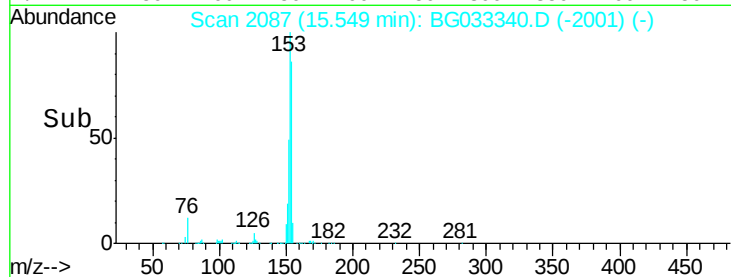
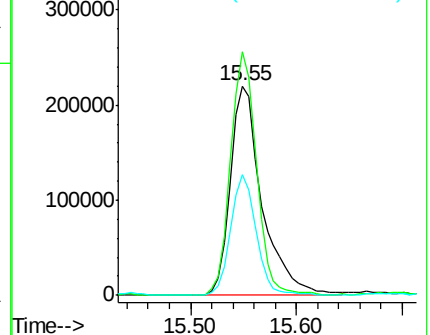
152 57.6 41.6 62.4



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: 29.699 ng

RT: 15.38 min Scan# 2058

Delta R.T. -0.03 min

Lab File: BG033340.D

Acq: 26 Mar 2018 21:48

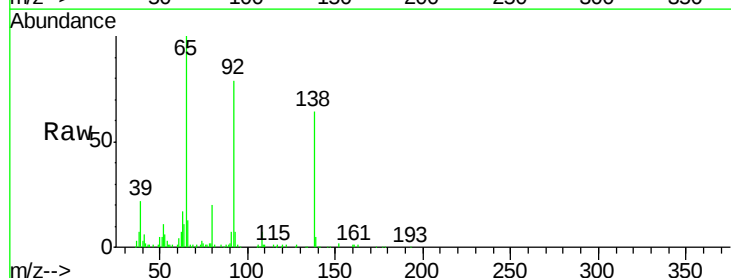
Tgt Ion:138 Resp: 71291

Ion Ratio Lower Upper

138 100

108 10.3 17.5 26.3#

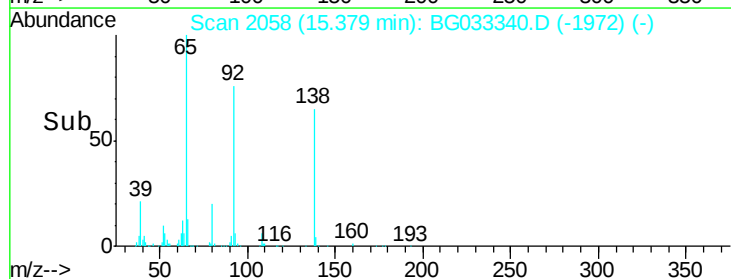
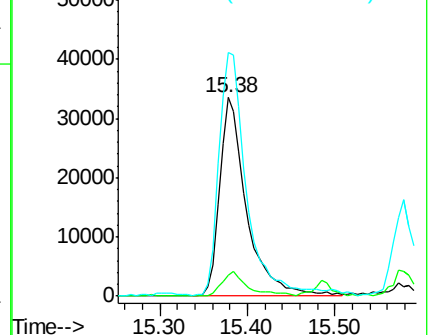
92 122.6 105.8 158.8

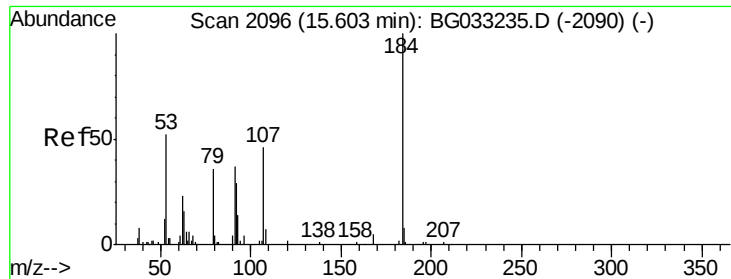


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

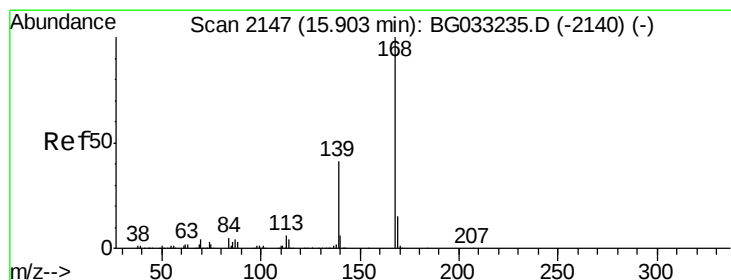
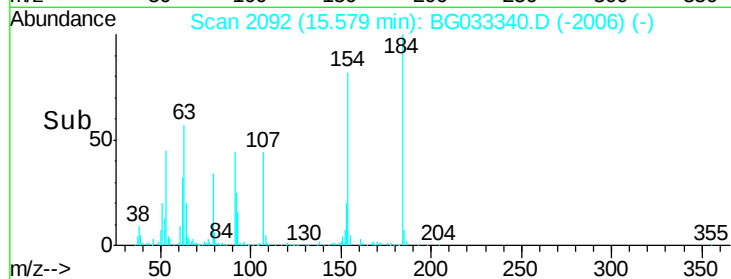
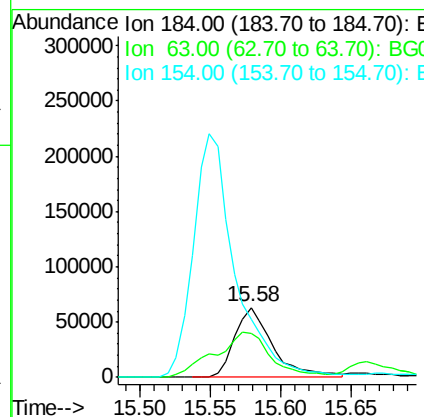
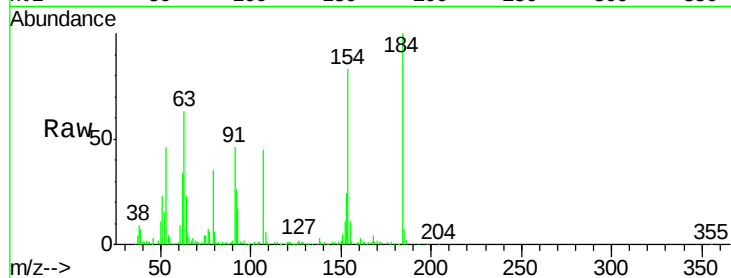




#53
 2,4-Dinitrophenol
 Concen: 98.305 ng
 RT: 15.58 min Scan# 2092
 Delta R.T. -0.03 min
 Lab File: BG033340.D
 Acq: 26 Mar 2018 21:48

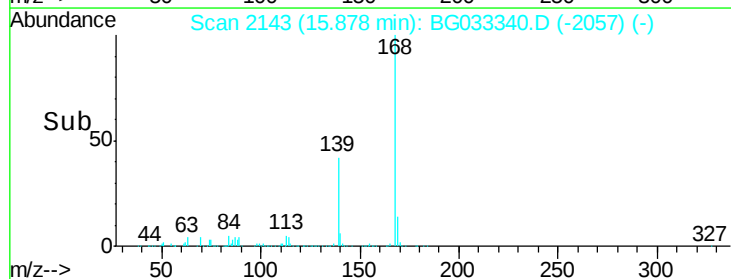
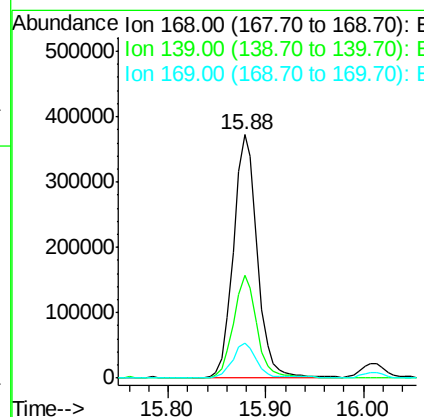
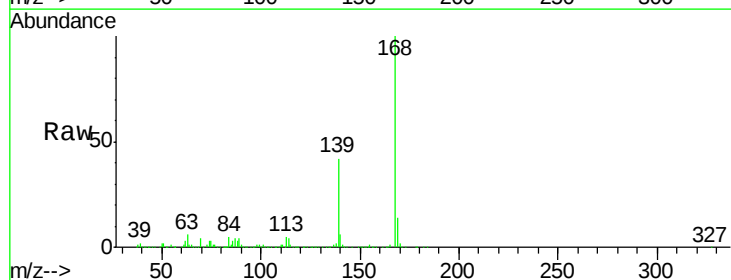
Instrument :
 BNA_G
 ClientSampleId :

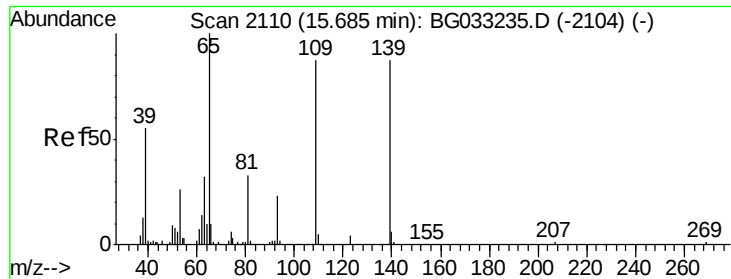
Tot Ion:184 Resp: 118855
 Ion Ratio Lower Upper
 184 100
 63 63.0 59.8 89.8
 154 83.0 101.8 152.8#



#54
 Dibenzofuran
 Concen: 52.089 ng
 RT: 15.88 min Scan# 2143
 Delta R.T. -0.03 min
 Lab File: BG033340.D
 Acq: 26 Mar 2018 21:48

Tgt Ion:168 Resp: 631055
 Ion Ratio Lower Upper
 168 100
 139 42.2 28.6 43.0
 169 14.3 11.2 16.8

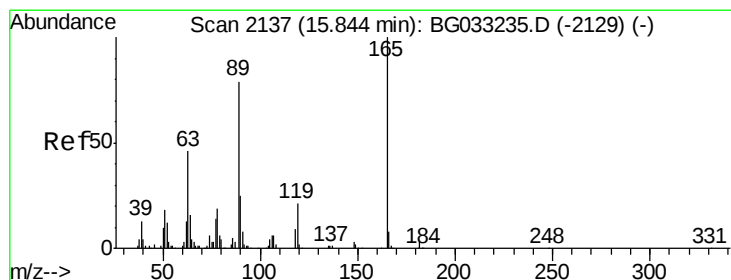
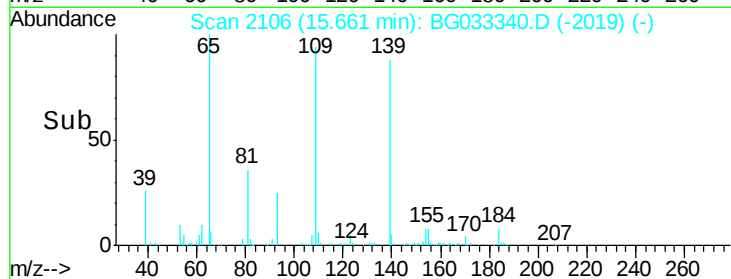
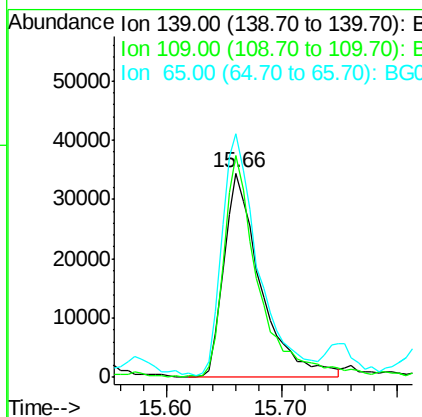
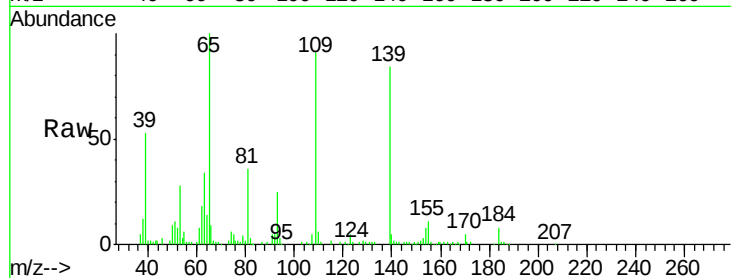




#55
4-Nitrophenol
Concen: 45.208 ng
RT: 15.66 min Scan# 2106
Delta R.T. -0.02 min
Lab File: BG033340.D
Acq: 26 Mar 2018 21:48

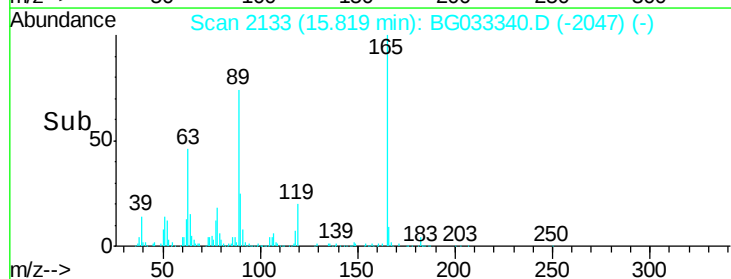
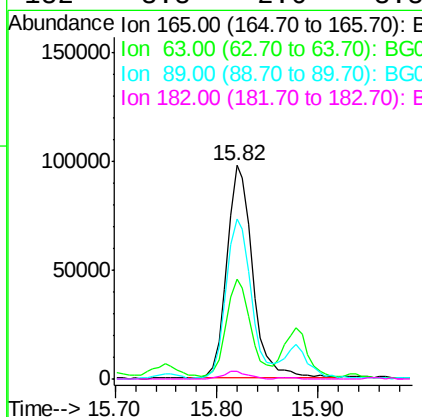
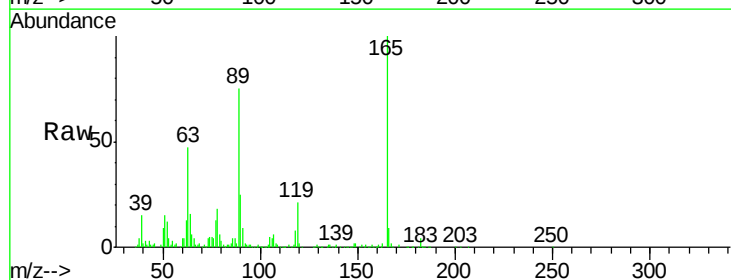
Instrument :
BNA_G
ClientSampleId :

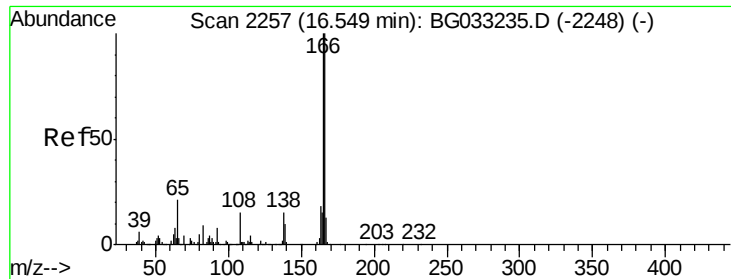
Tot Ion:139 Resp: 76310
Ion Ratio Lower Upper
139 100
109 108.3 62.2 102.2#
65 119.1 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 51.222 ng
RT: 15.82 min Scan# 2133
Delta R.T. -0.03 min
Lab File: BG033340.D
Acq: 26 Mar 2018 21:48

Tgt Ion:165 Resp: 172686
Ion Ratio Lower Upper
165 100
63 47.0 42.0 63.0
89 74.8 66.9 100.3
182 3.8 2.6 3.8





#57

Fluorene

Concen: 51.775 ng

RT: 16.52 min Scan# 2252

Delta R.T. -0.03 min

Lab File: BG033340.D

Acq: 26 Mar 2018 21:48

Instrument :

BNA_G

ClientSampleId :

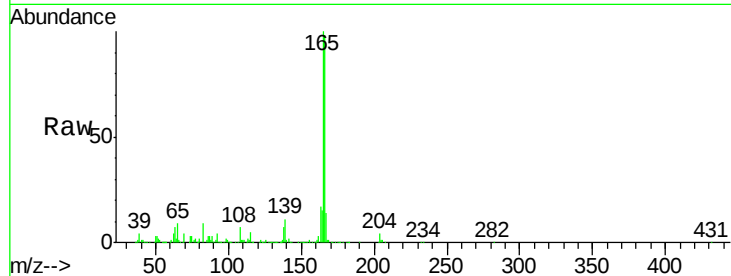
Tot Ion:166 Resp: 534379

Ion Ratio Lower Upper

166 100

165 101.6 80.6 121.0

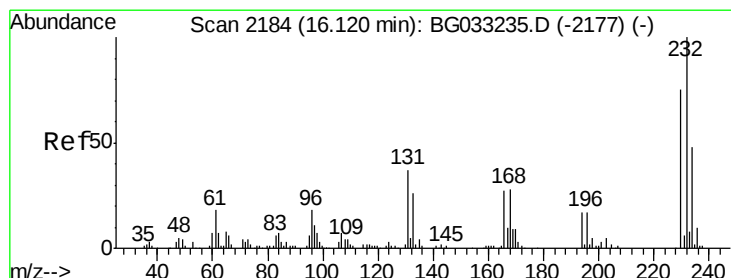
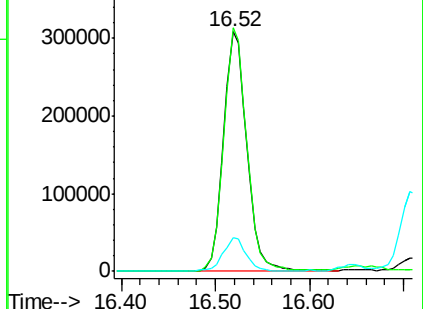
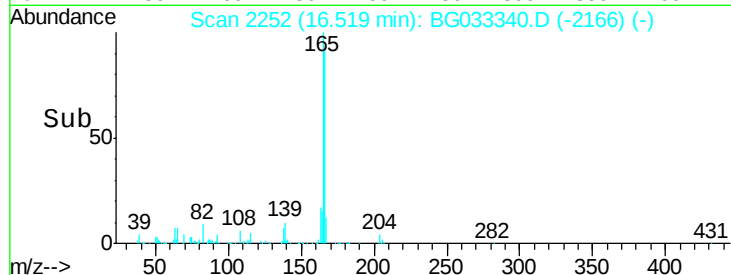
167 14.2 10.4 15.6



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: 54.280 ng

RT: 16.09 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BG033340.D

Acq: 26 Mar 2018 21:48

Tgt Ion:232 Resp: 163563

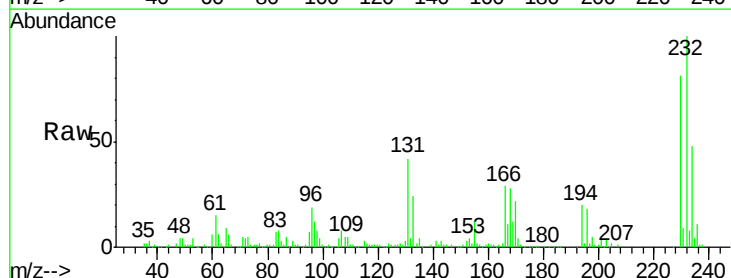
Ion Ratio Lower Upper

232 100

131 41.0 33.5 50.3

130 2.8 2.2 3.2

166 31.4 24.8 37.2

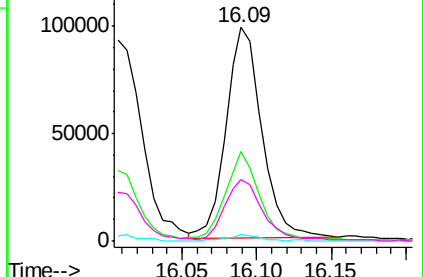
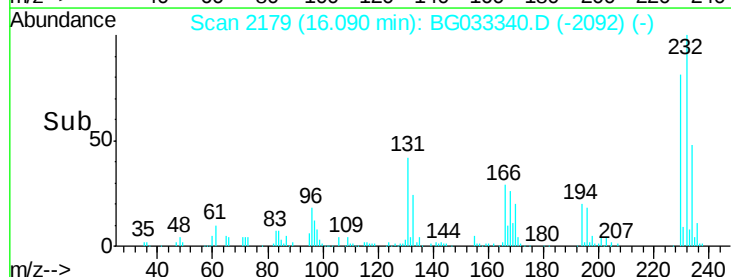


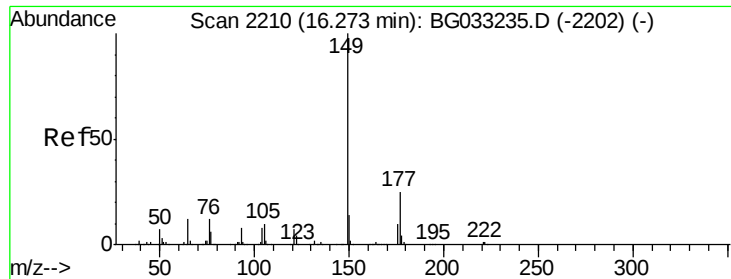
Abundance Ion 232.00 (231.70 to 232.70): E

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

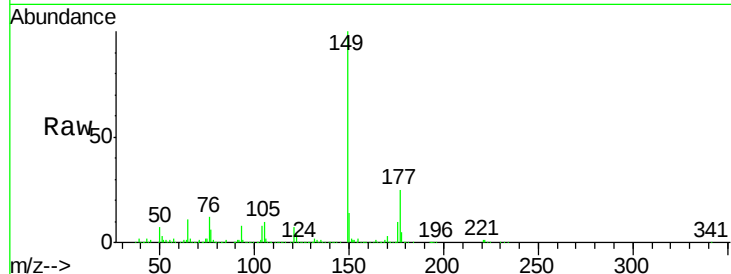




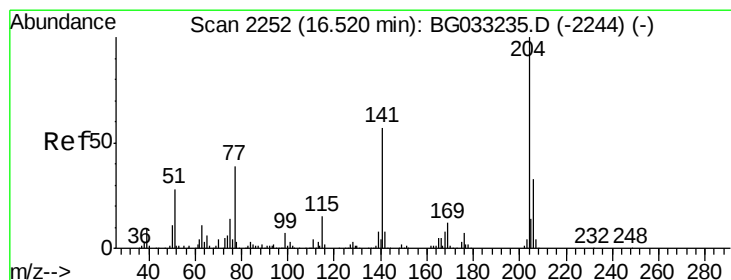
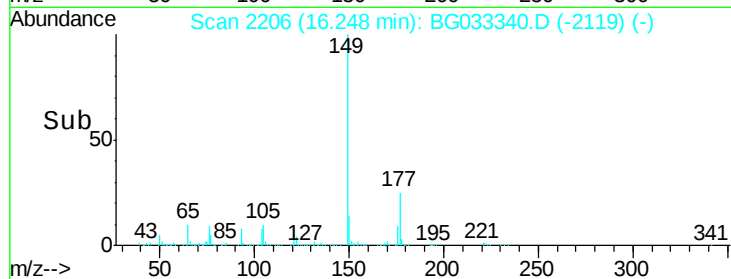
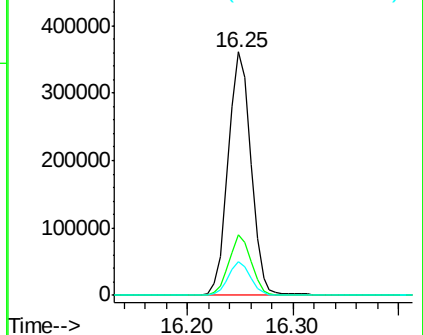
#59
Diethylphthalate
Concen: 49.718 ng
RT: 16.25 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BG033340.D
Acq: 26 Mar 2018 21:48

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.1	18.5	27.7
150	13.8	10.2	15.2

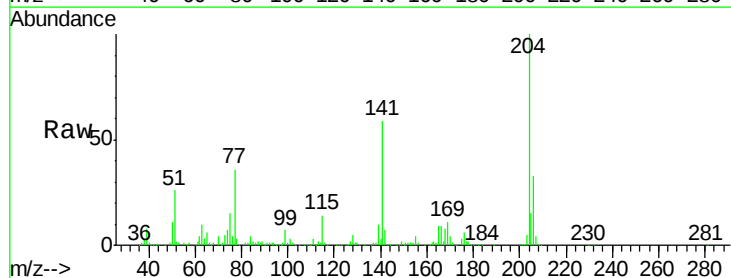


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

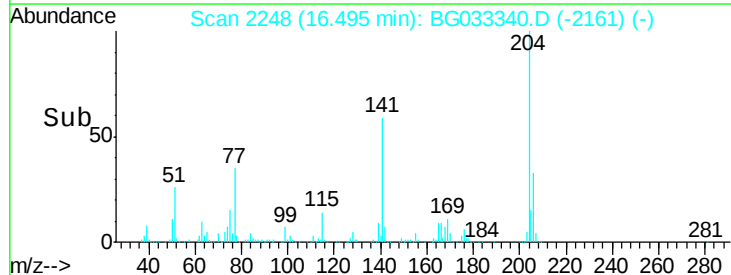
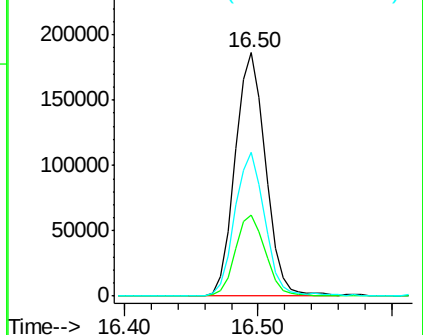


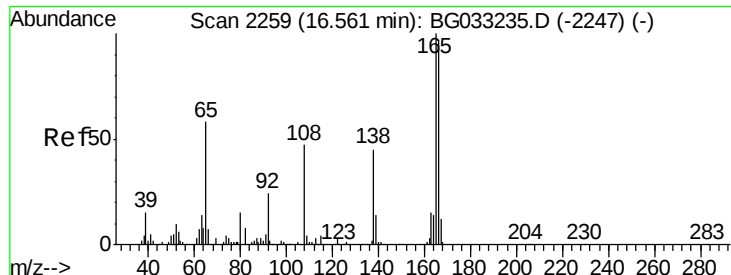
#60
4-Chlorophenyl-phenylether
Concen: 49.808 ng
RT: 16.50 min Scan# 2248
Delta R.T. -0.02 min
Lab File: BG033340.D
Acq: 26 Mar 2018 21:48

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.2	39.2
141	59.0	45.8	68.6



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





#61

4-Nitroaniline

Concen: 45.689 ng

RT: 16.54 min Scan# 2255

Delta R.T. -0.02 min

Lab File: BG033340.D

Acq: 26 Mar 2018 21:48

Instrument :

BNA_G

ClientSampleId :

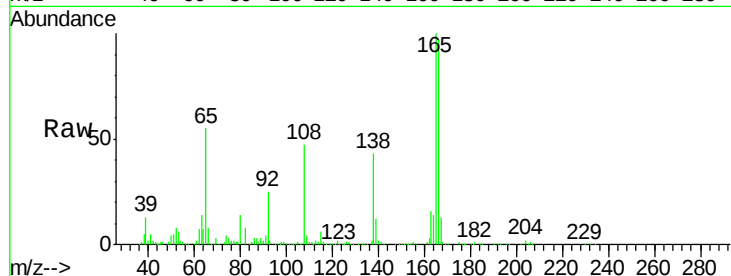
Tot Ion:138 Resp: 111065

Ion Ratio Lower Upper

138 100

92 57.9 40.1 80.1

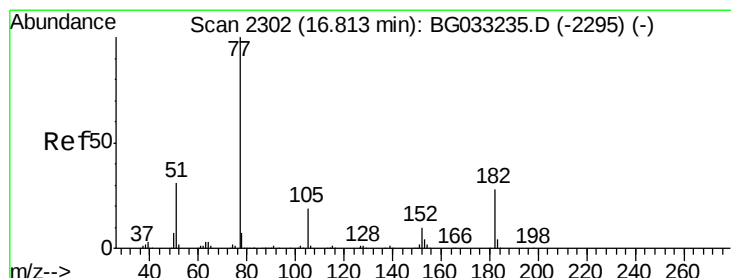
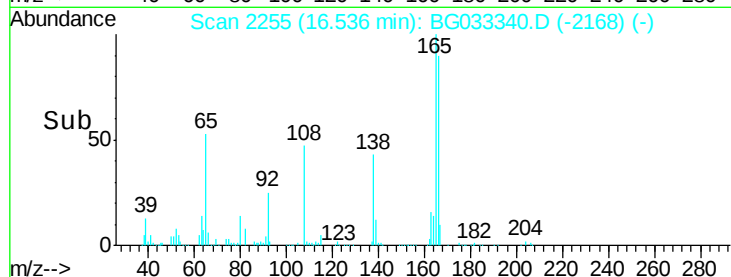
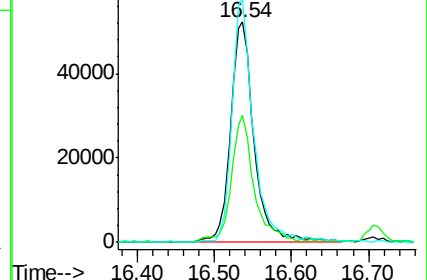
108 110.6 65.4 105.4#



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: 49.172 ng

RT: 16.79 min Scan# 2298

Delta R.T. -0.02 min

Lab File: BG033340.D

Acq: 26 Mar 2018 21:48

Tgt Ion: 77 Resp: 517936

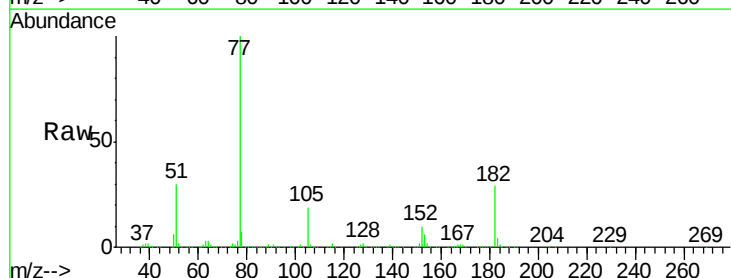
Ion Ratio Lower Upper

77 100

182 29.4 7.4 47.4

105 18.7 0.3 40.3

51 30.2 11.6 51.6

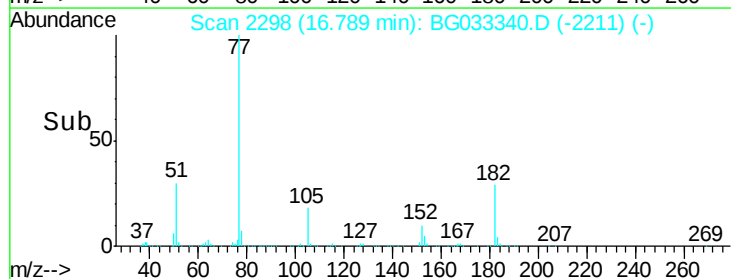
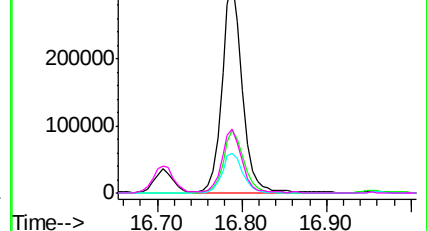


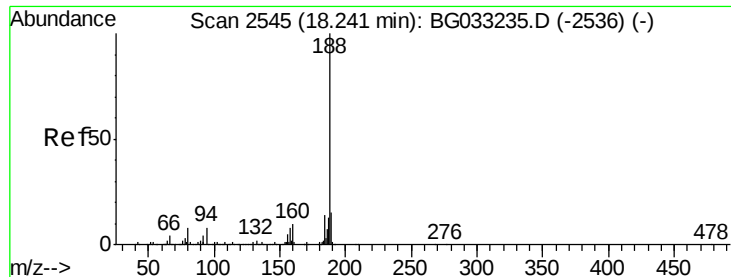
Abundance Ion 77.00 (76.70 to 77.70): BGC

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

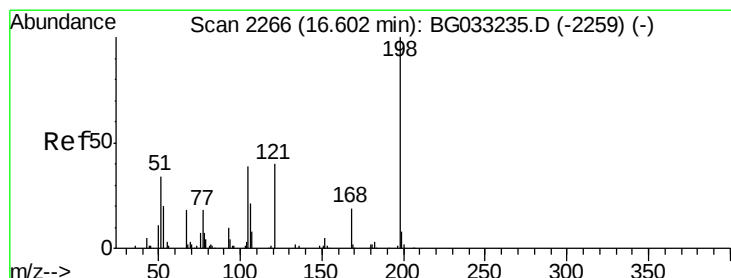
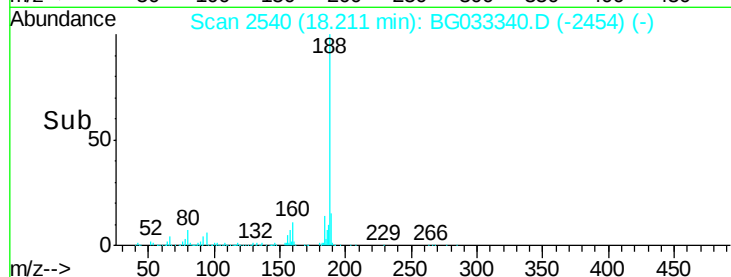
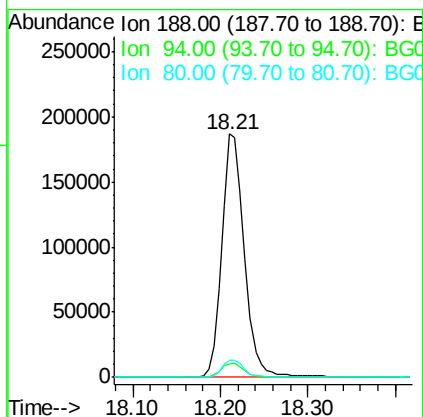
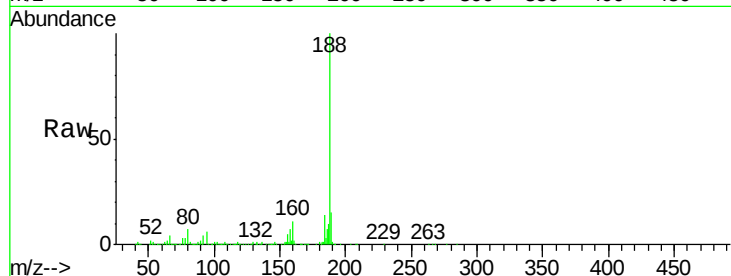




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.03 min
Lab File: BG033340.D
Acq: 26 Mar 2018 21:48

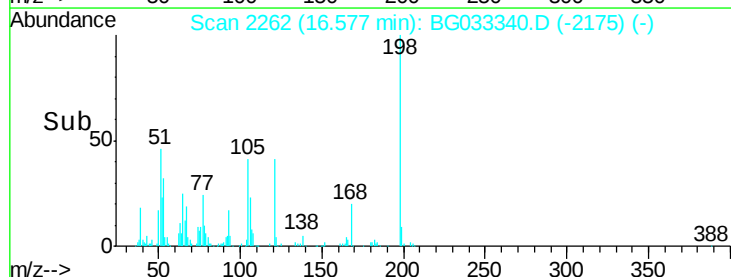
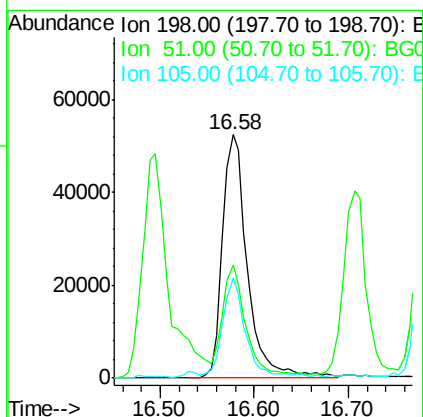
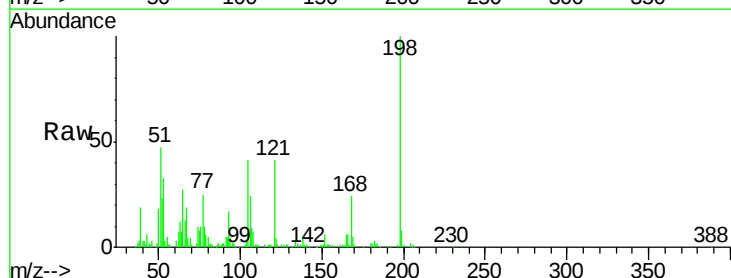
Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
188	100		
94	5.5	6.9	10.3#
80	6.9	7.7	11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 48.958 ng
RT: 16.58 min Scan# 2262
Delta R.T. -0.02 min
Lab File: BG033340.D
Acq: 26 Mar 2018 21:48

Tgt Ion	Ratio	Lower	Upper
198	100		
51	46.5	30.6	70.6
105	41.2	23.8	63.8

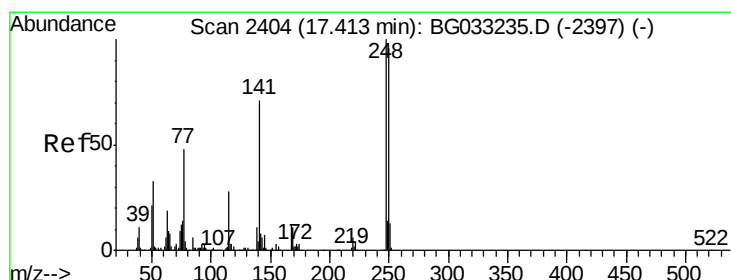
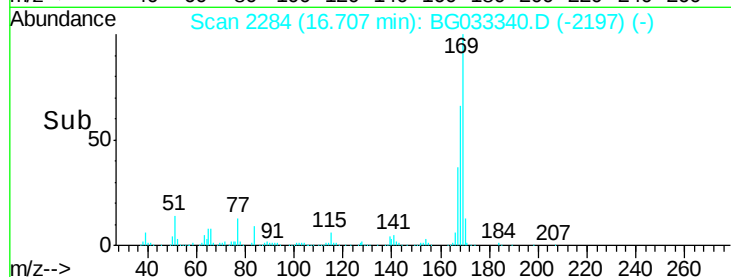
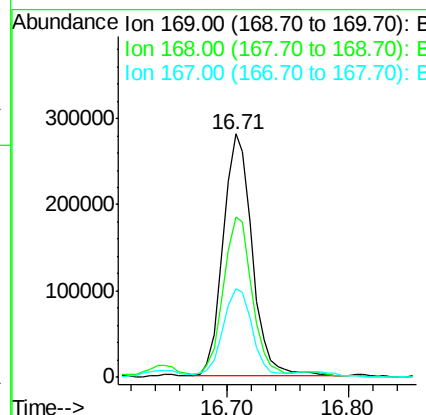
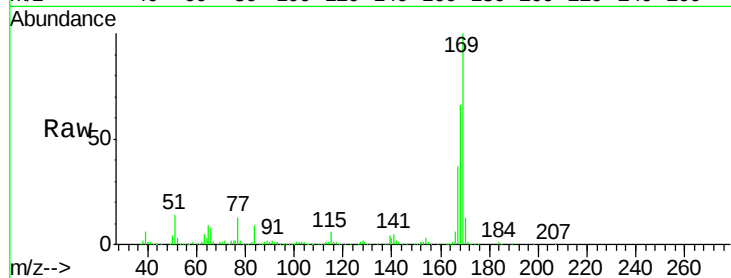




#65
 n-Nitrosodiphenylamine
 Concen: 48.933 ng
 RT: 16.71 min Scan# 2284
 Delta R.T. -0.02 min
 Lab File: BG033340.D
 Acq: 26 Mar 2018 21:48

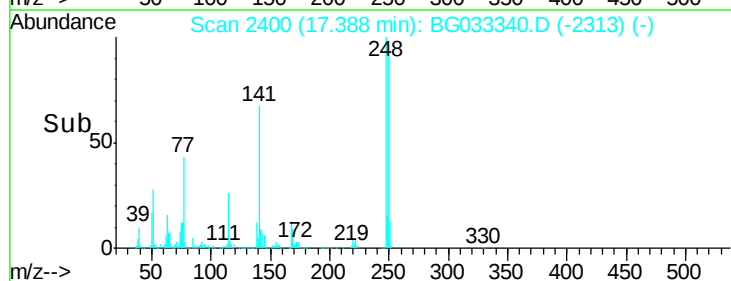
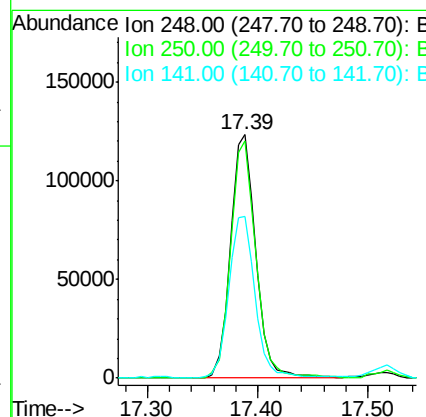
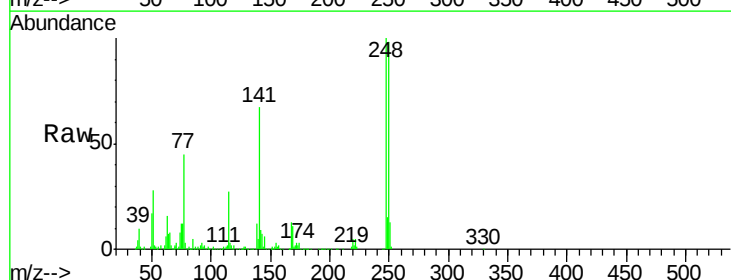
Instrument :
 BNA_G
 ClientSampleId :

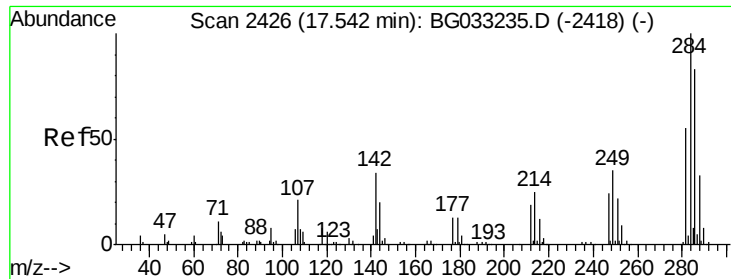
Tot Ion:169 Resp: 462878
 Ion Ratio Lower Upper
 169 100
 168 65.8 55.7 83.5
 167 36.6 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 50.932 ng
 RT: 17.39 min Scan# 2400
 Delta R.T. -0.02 min
 Lab File: BG033340.D
 Acq: 26 Mar 2018 21:48

Tgt Ion:248 Resp: 198195
 Ion Ratio Lower Upper
 248 100
 250 97.6 77.1 115.7
 141 66.6 50.8 76.2





#67

Hexachlorobenzene

Concen: 51.300 ng

RT: 17.52 min Scan# 2422

Delta R.T. -0.03 min

Lab File: BG033340.D

Acq: 26 Mar 2018 21:48

Instrument :

BNA_G

ClientSampleId :

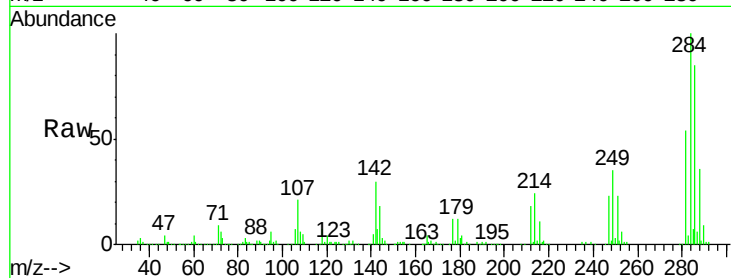
Tot Ion:284 Resp: 210680

Ion Ratio Lower Upper

284 100

142 30.3 26.8 40.2

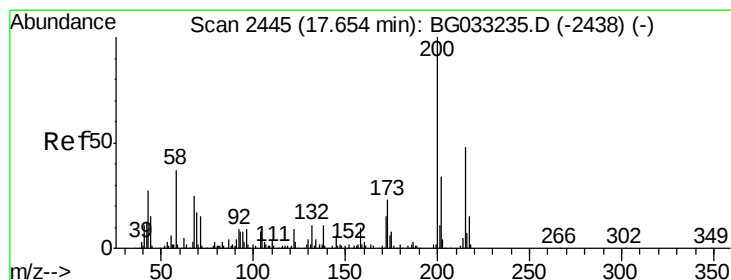
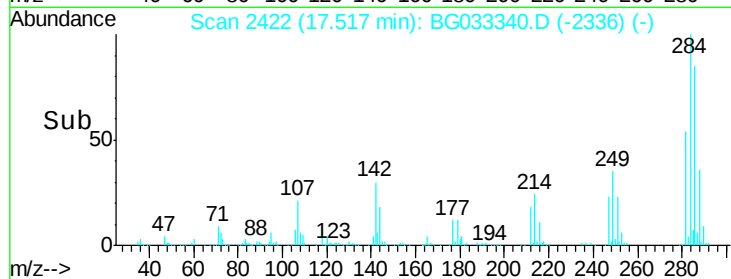
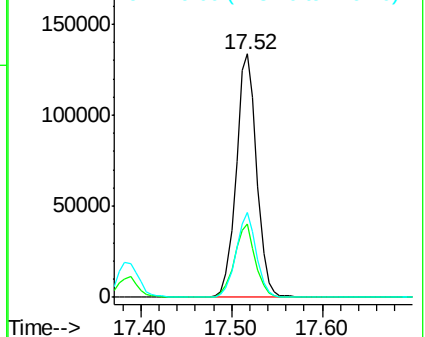
249 34.9 26.3 39.5



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: 51.712 ng

RT: 17.63 min Scan# 2441

Delta R.T. -0.02 min

Lab File: BG033340.D

Acq: 26 Mar 2018 21:48

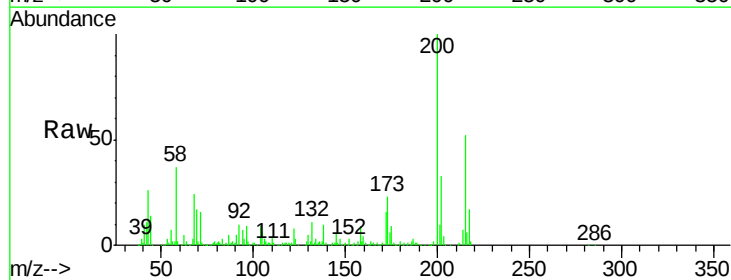
Tgt Ion:200 Resp: 198219

Ion Ratio Lower Upper

200 100

173 23.4 5.2 45.2

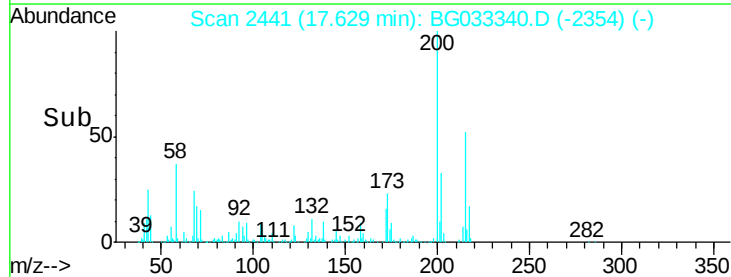
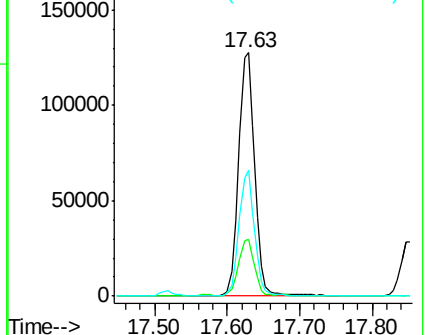
215 51.8 30.4 70.4

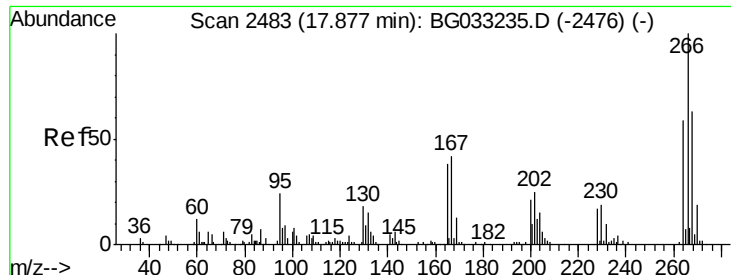


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

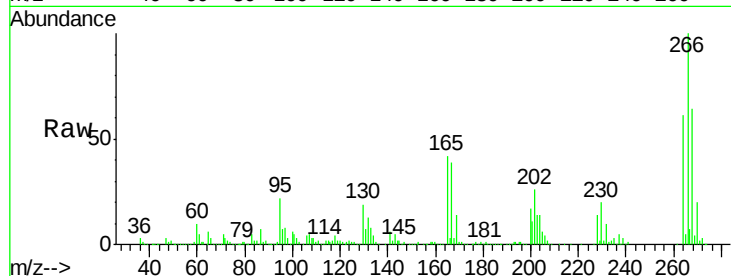




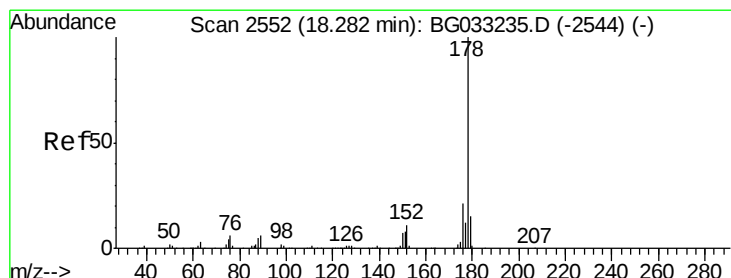
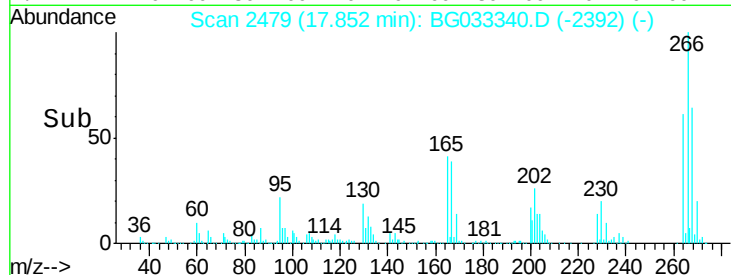
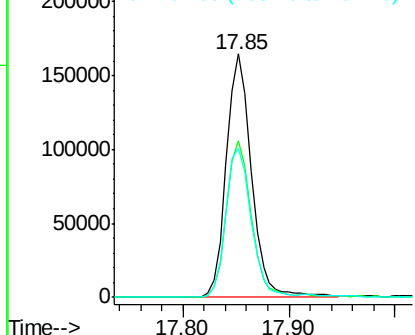
#69
 Pentachlorophenol
 Concen: 96.494 ng
 RT: 17.85 min Scan# 2479
 Delta R.T. -0.02 min
 Lab File: BG033340.D
 Acq: 26 Mar 2018 21:48

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.1	76.7
264	61.3	49.6	74.4

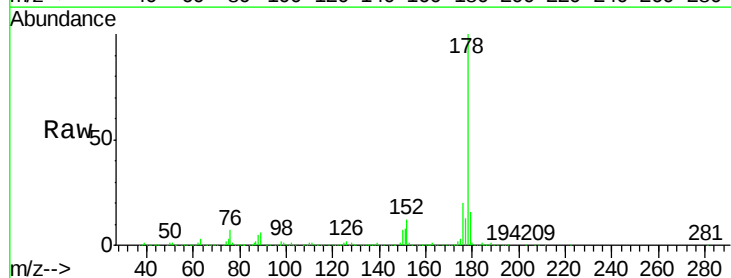


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

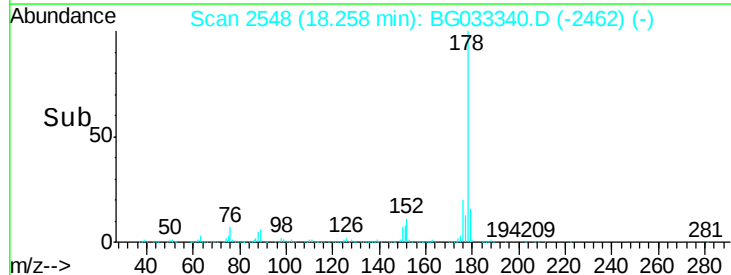
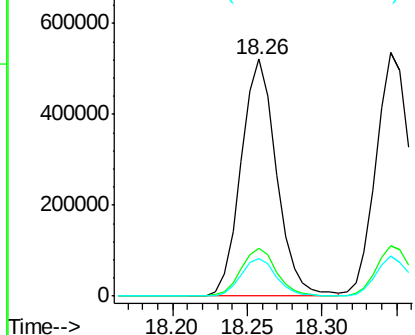


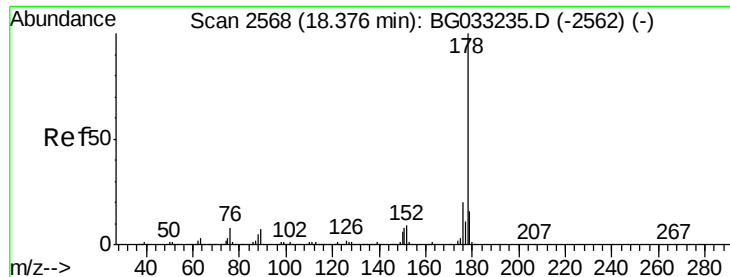
#70
 Phenanthrene
 Concen: 49.861 ng
 RT: 18.26 min Scan# 2548
 Delta R.T. -0.03 min
 Lab File: BG033340.D
 Acq: 26 Mar 2018 21:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.7	23.5
179	16.1	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

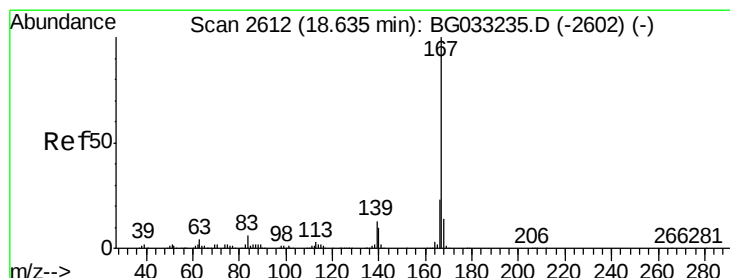
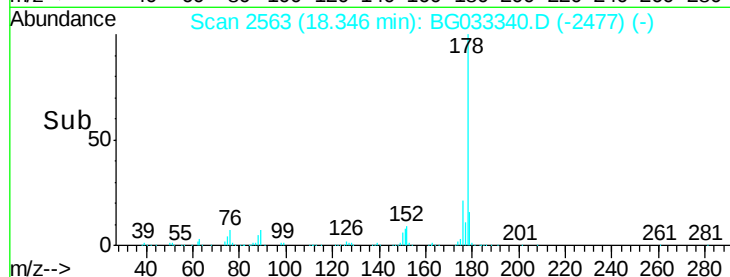
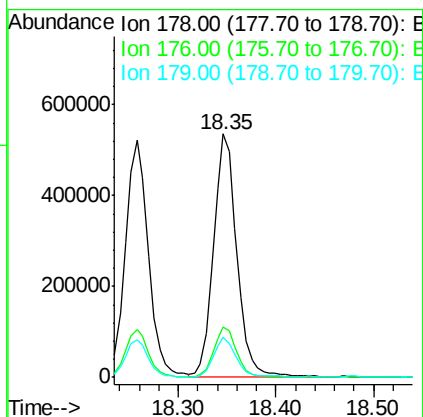
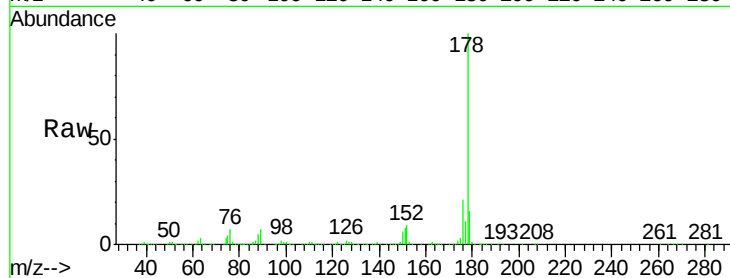




#71
 Anthracene
 Concen: 50.355 ng
 RT: 18.35 min Scan# 2563
 Delta R.T. -0.03 min
 Lab File: BG033340.D
 Acq: 26 Mar 2018 21:48

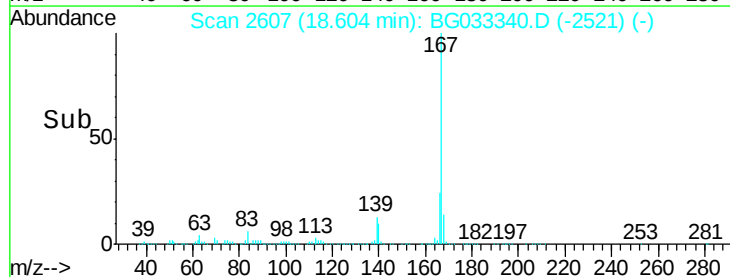
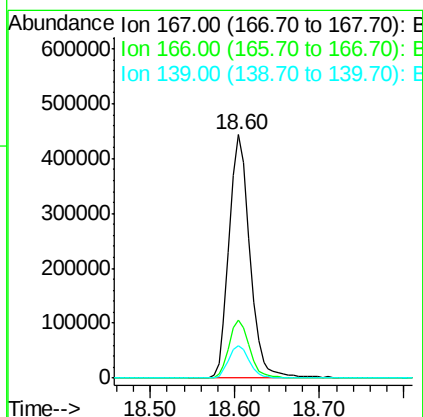
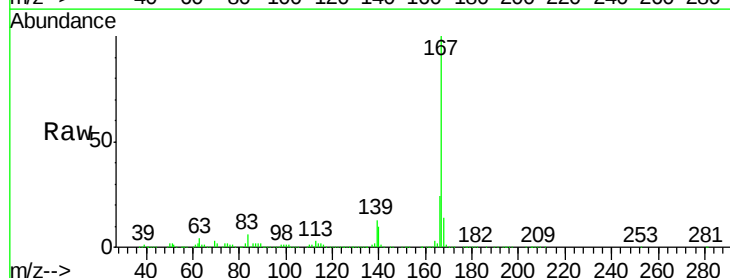
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:178 Resp: 879827
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.0 24.0
 179 16.3 12.5 18.7



#72
 Carbazole
 Concen: 48.685 ng
 RT: 18.60 min Scan# 2607
 Delta R.T. -0.03 min
 Lab File: BG033340.D
 Acq: 26 Mar 2018 21:48

Tgt Ion:167 Resp: 753803
 Ion Ratio Lower Upper
 167 100
 166 24.0 18.2 27.4
 139 13.3 9.4 14.2





#73

Di-n-butylphthalate

Concen: 49.538 ng

RT: 19.10 min Scan# 2691

Delta R.T. -0.03 min

Lab File: BG033340.D

Acq: 26 Mar 2018 21:48

Instrument :

BNA_G

ClientSampleId :

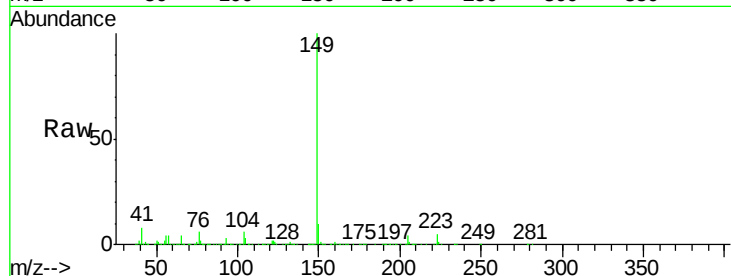
Tot Ion:149 Resp: 892766

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

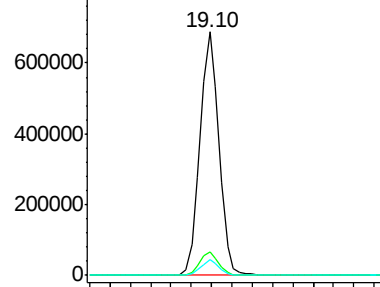
104 6.3 3.9 5.9#



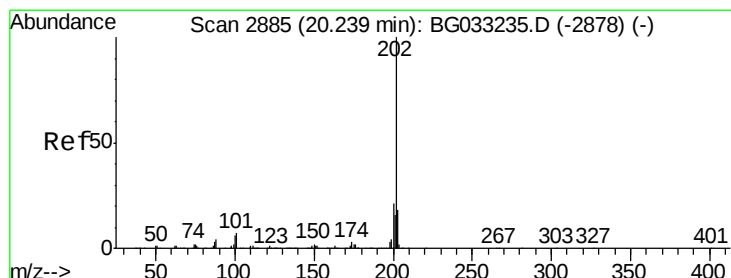
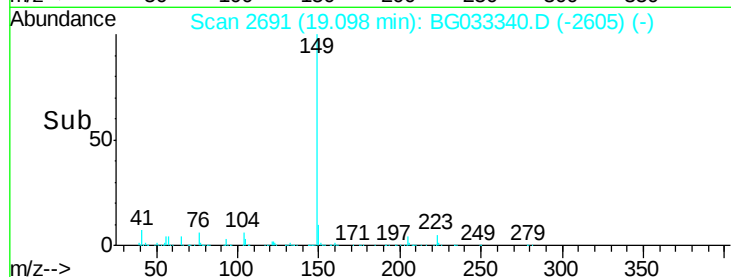
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time--> 19.00 19.10 19.20



#74

Fluoranthene

Concen: 49.388 ng

RT: 20.21 min Scan# 2880

Delta R.T. -0.03 min

Lab File: BG033340.D

Acq: 26 Mar 2018 21:48

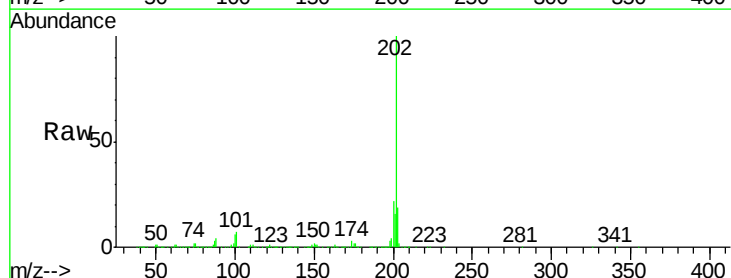
Tgt Ion:202 Resp: 1054654

Ion Ratio Lower Upper

202 100

101 6.8 0.0 28.9

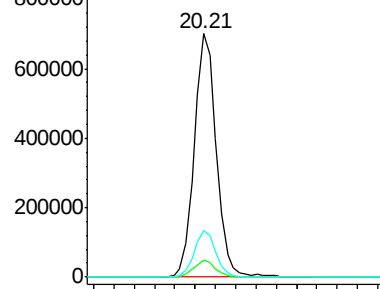
203 18.9 0.0 37.5



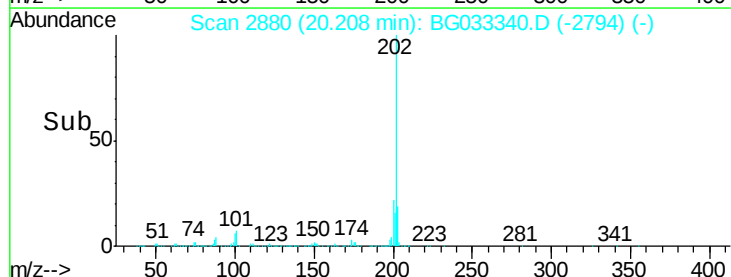
Abundance Ion 202.00 (201.70 to 202.70): E

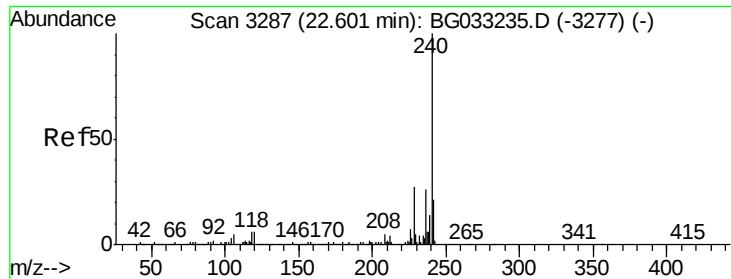
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 20.10 20.20 20.30





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3280

Delta R.T. -0.04 min

Lab File: BG033340.D

Acq: 26 Mar 2018 21:48

Instrument :

BNA_G

ClientSampleId :

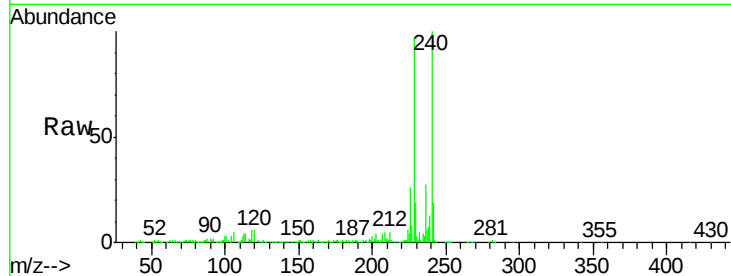
Tot Ion:240 Resp: 347377

Ion Ratio Lower Upper

240 100

120 6.2 6.8 10.2#

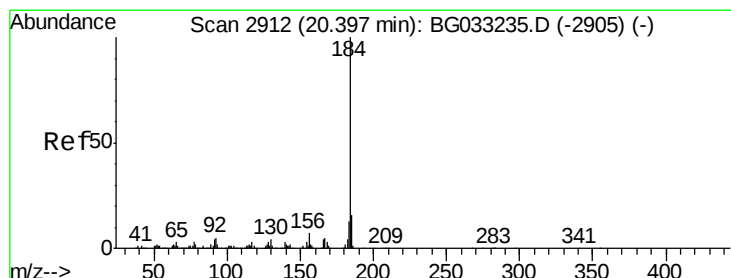
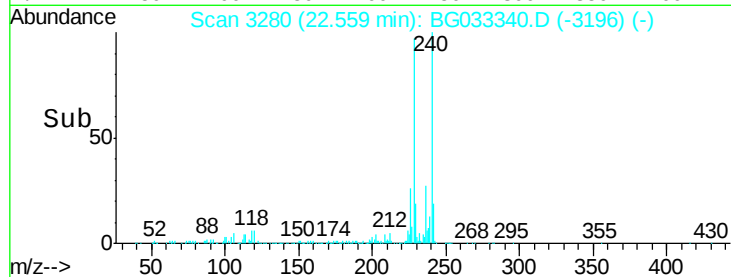
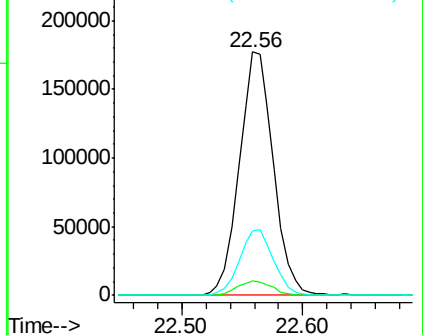
236 26.6 20.9 31.3



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: 18.888 ng

RT: 20.37 min Scan# 2907

Delta R.T. -0.03 min

Lab File: BG033340.D

Acq: 26 Mar 2018 21:48

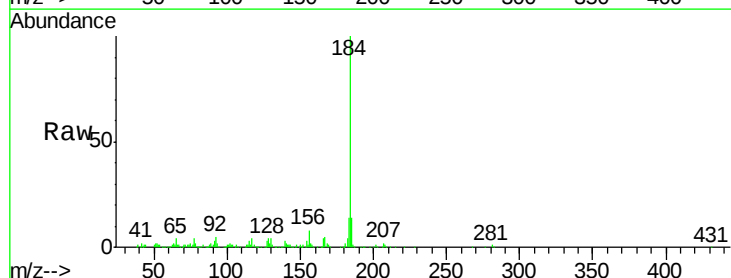
Tgt Ion:184 Resp: 177936

Ion Ratio Lower Upper

184 100

185 14.4 11.1 16.7

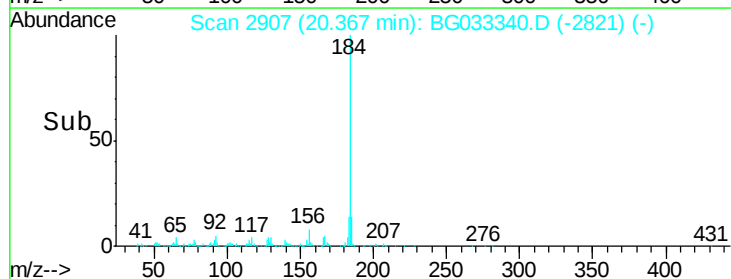
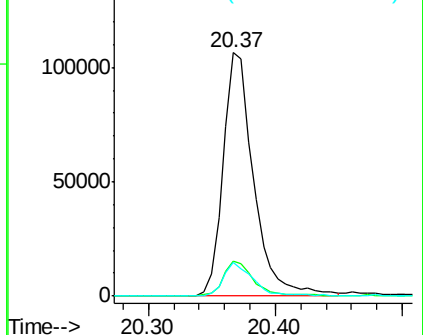
183 14.1 10.6 16.0

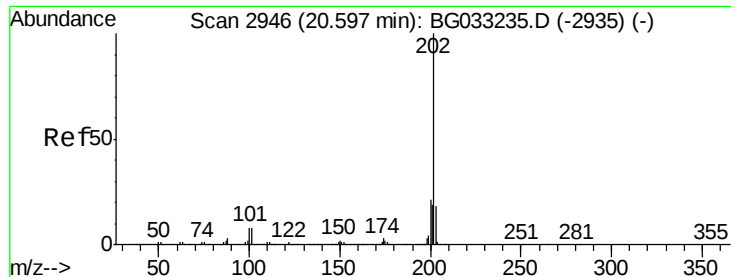


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 46.229 ng

RT: 20.57 min Scan# 2941

Delta R.T. -0.03 min

Lab File: BG033340.D

Acq: 26 Mar 2018 21:48

Instrument :

BNA_G

ClientSampleId :

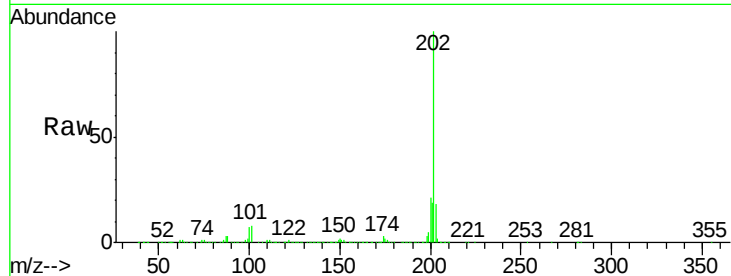
Tot Ion:202 Resp: 1071041

Ion Ratio Lower Upper

202 100

200 21.5 16.9 25.3

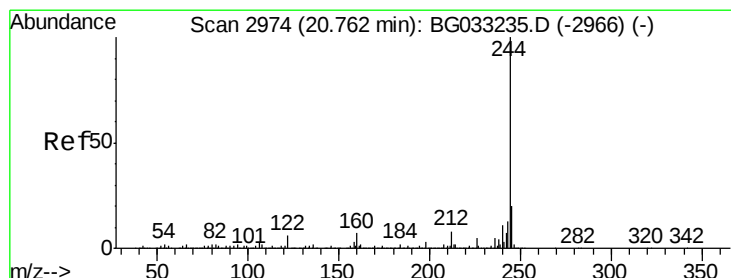
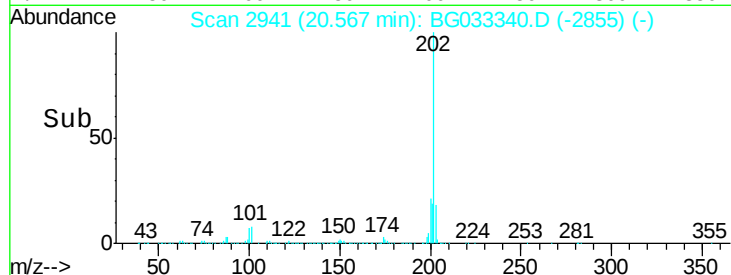
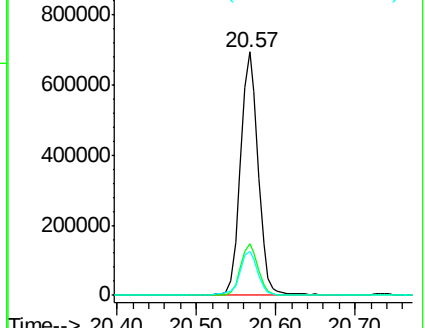
203 18.0 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 99.249 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.03 min

Lab File: BG033340.D

Acq: 26 Mar 2018 21:48

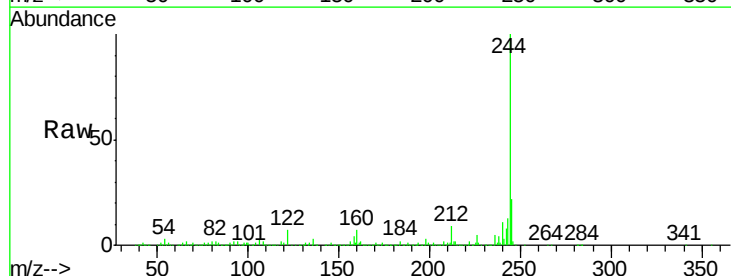
Tgt Ion:244 Resp: 1612118

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

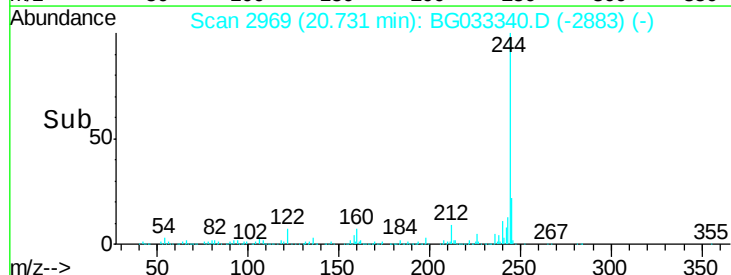
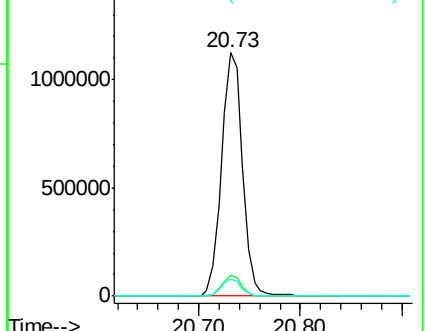
122 7.2 7.0 10.4

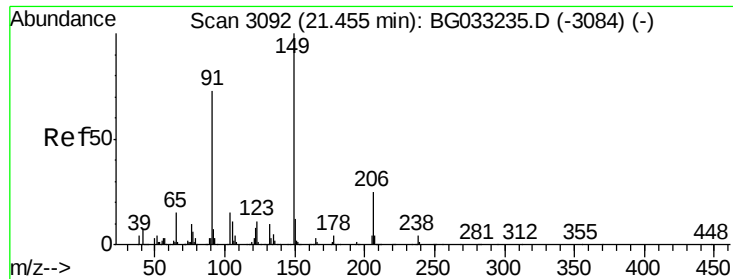


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

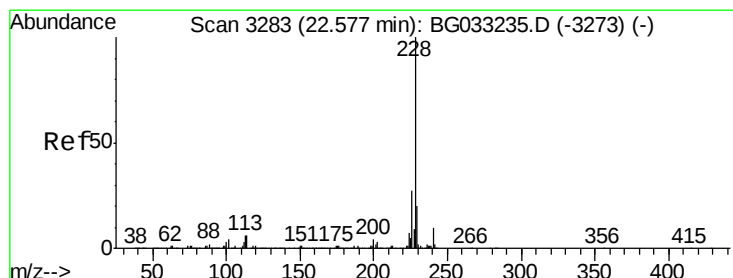
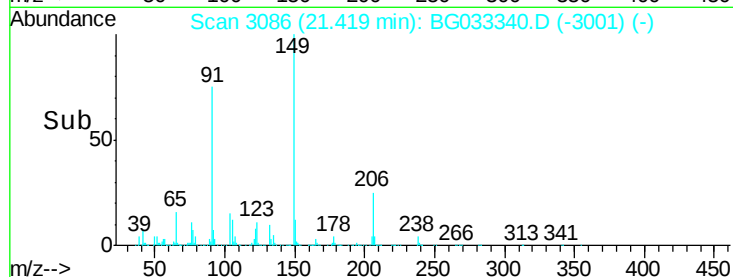
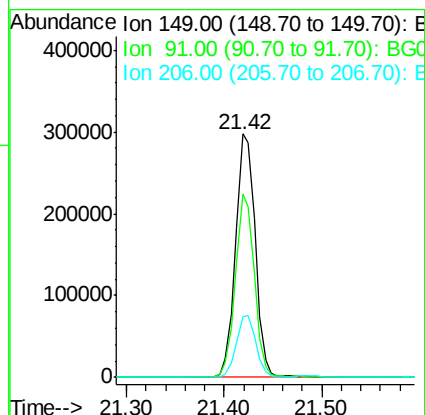
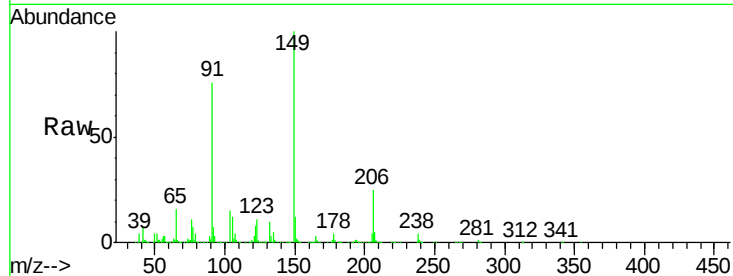




#79
Butylbenzylphthalate
Concen: 48.792 ng
RT: 21.42 min Scan# 3086
Delta R.T. -0.03 min
Lab File: BG033340.D
Acq: 26 Mar 2018 21:48

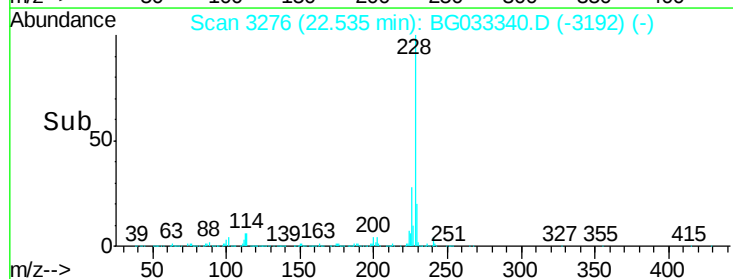
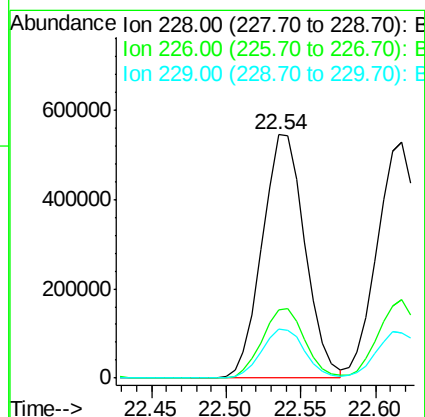
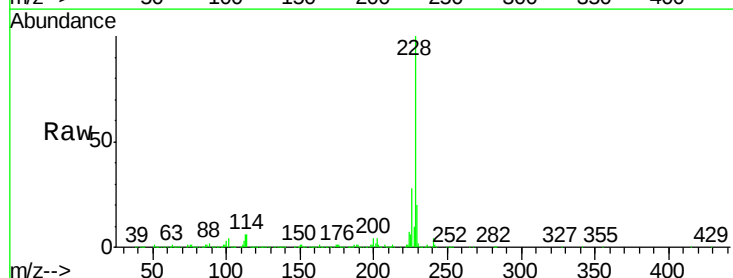
Instrument :
BNA_G
ClientSampleId :

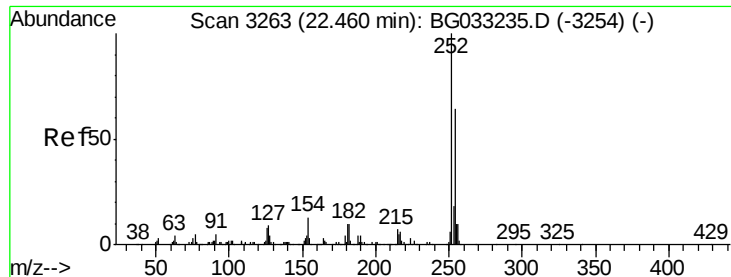
Tot Ion:149 Resp: 417148
Ion Ratio Lower Upper
149 100
91 75.5 62.2 93.2
206 25.1 18.6 27.8



#80
Benzo(a)anthracene
Concen: 49.109 ng
RT: 22.54 min Scan# 3276
Delta R.T. -0.04 min
Lab File: BG033340.D
Acq: 26 Mar 2018 21:48

Tgt Ion:228 Resp: 1086272
Ion Ratio Lower Upper
228 100
226 28.2 22.7 34.1
229 20.2 16.2 24.2

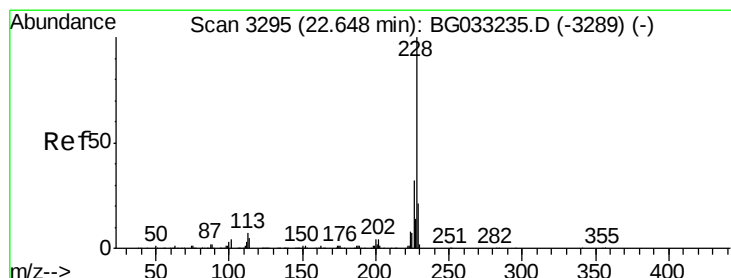
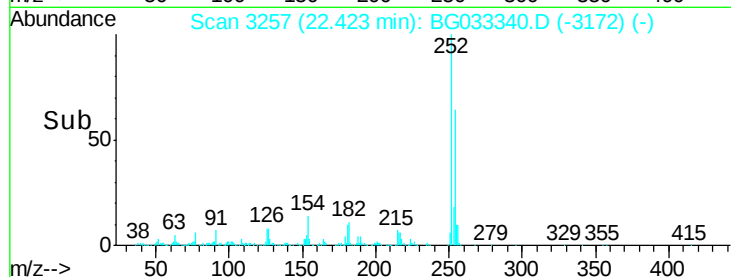
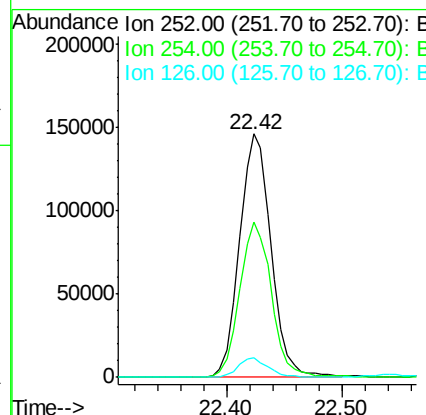
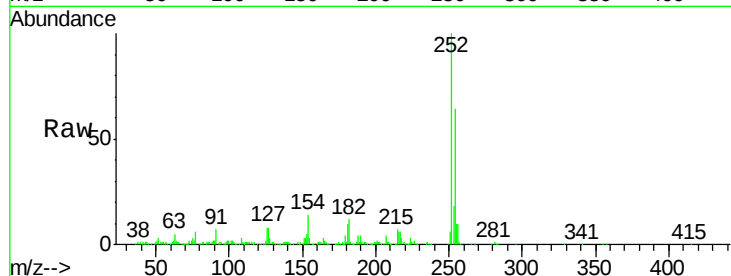




#81
 3,3'-Dichlorobenzidine
 Concen: 35.111 ng
 RT: 22.42 min Scan# 3257
 Delta R.T. -0.03 min
 Lab File: BG033340.D
 Acq: 26 Mar 2018 21:48

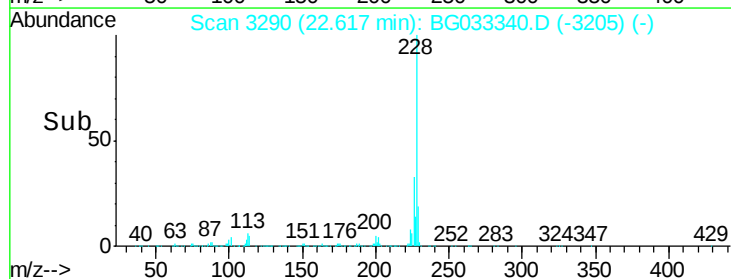
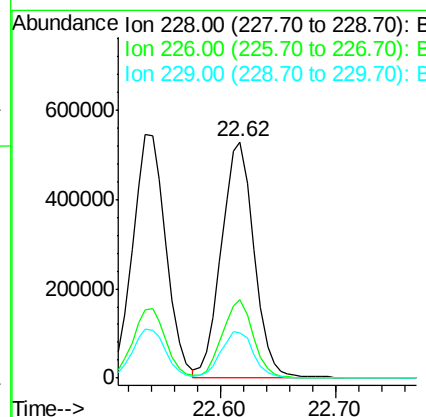
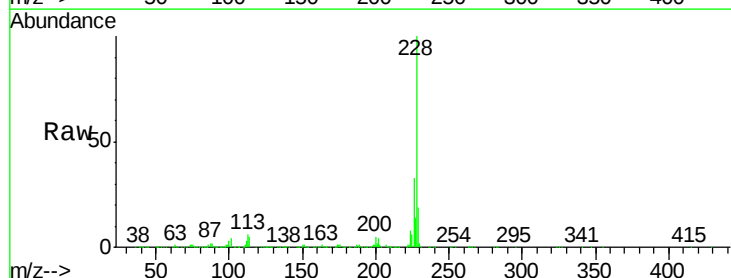
Instrument :
 BNA_G
 ClientSampleId :

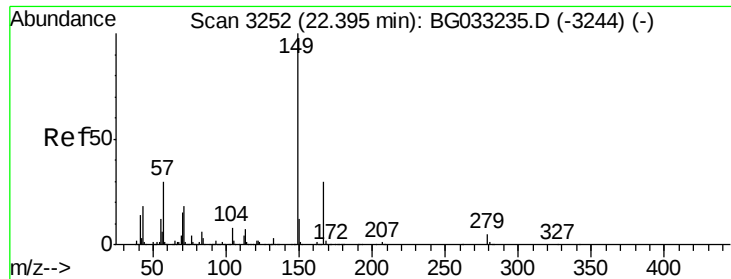
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	50.8	76.2
126	8.1	7.4	11.2



#82
 Chrysene
 Concen: 48.280 ng
 RT: 22.62 min Scan# 3290
 Delta R.T. -0.03 min
 Lab File: BG033340.D
 Acq: 26 Mar 2018 21:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.1	24.9	37.3
229	19.4	15.0	22.4

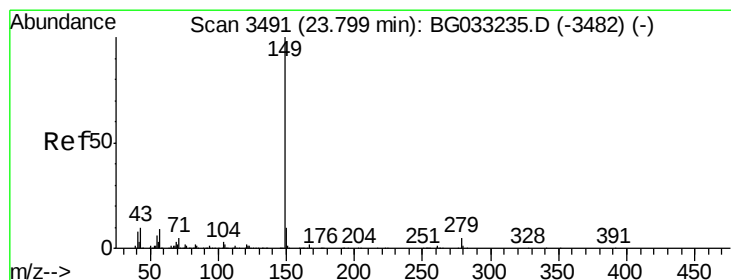
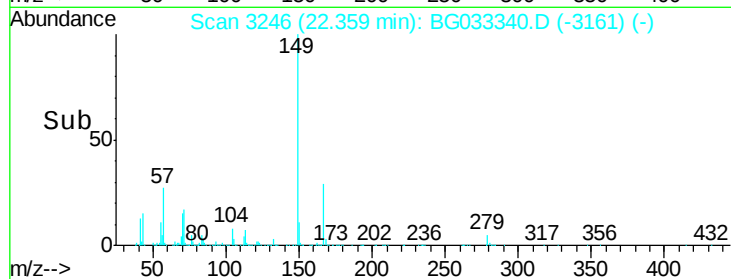
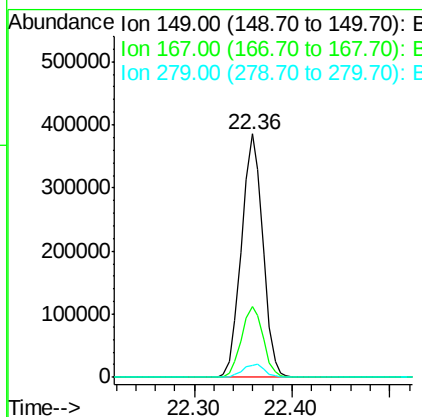
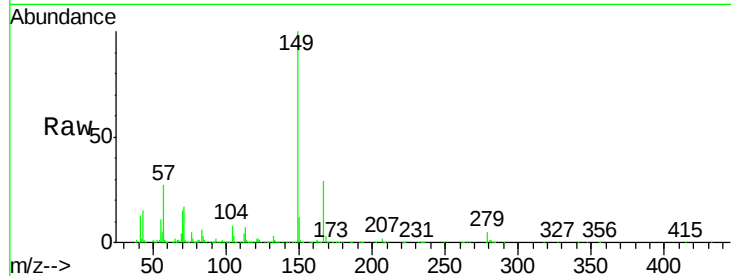




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.744 ng
 RT: 22.36 min Scan# 3246
 Delta R.T. -0.03 min
 Lab File: BG033340.D
 Acq: 26 Mar 2018 21:48

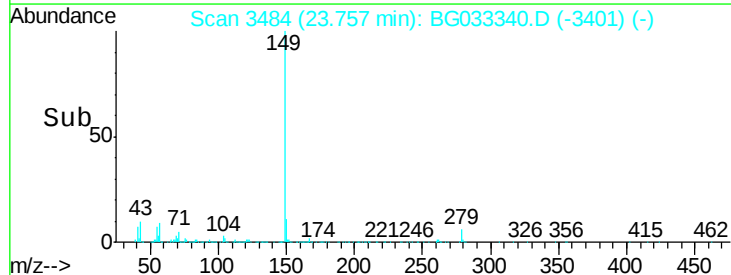
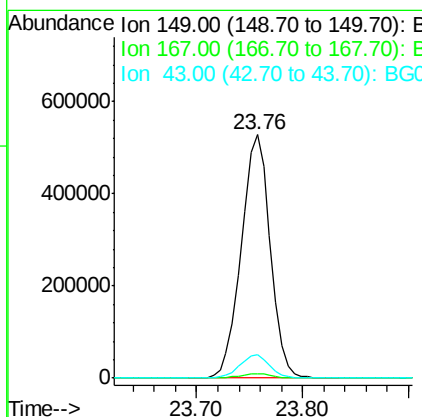
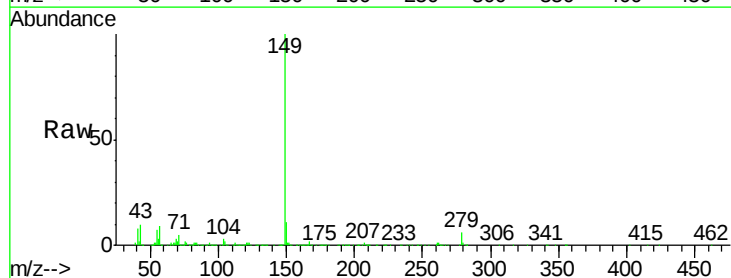
Instrument :
 BNA_G
 ClientSampleId :

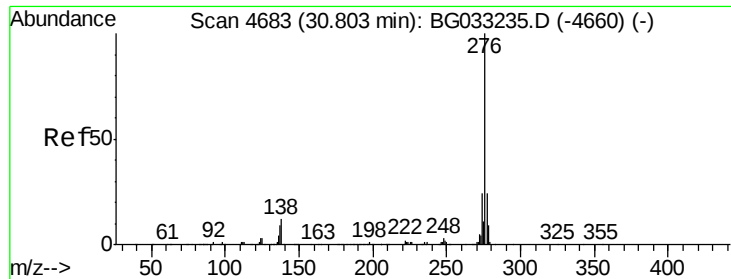
Tot Ion	149	Resp	586265
Ion	Ratio	Lower	Upper
149	100		
167	29.2	24.3	36.5
279	5.1	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 55.607 ng
 RT: 23.76 min Scan# 3484
 Delta R.T. -0.05 min
 Lab File: BG033340.D
 Acq: 26 Mar 2018 21:48

Tgt Ion	149	Resp	1003431
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	9.8	8.9	13.3

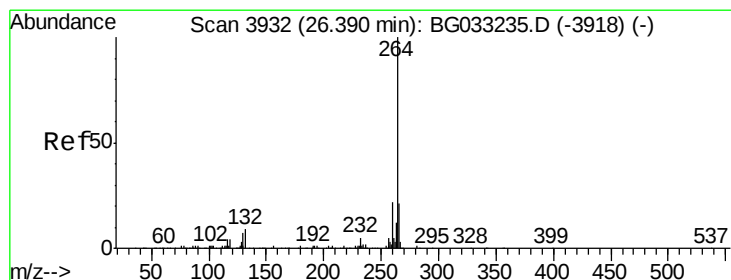
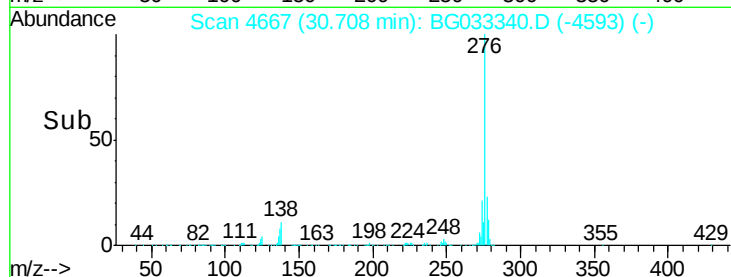
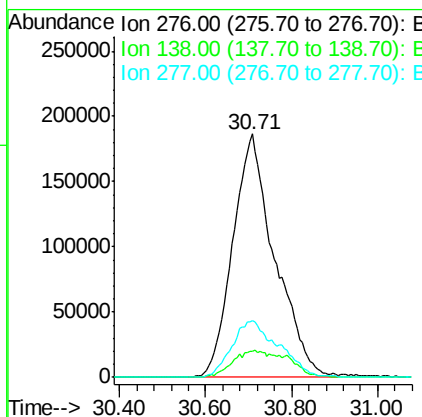
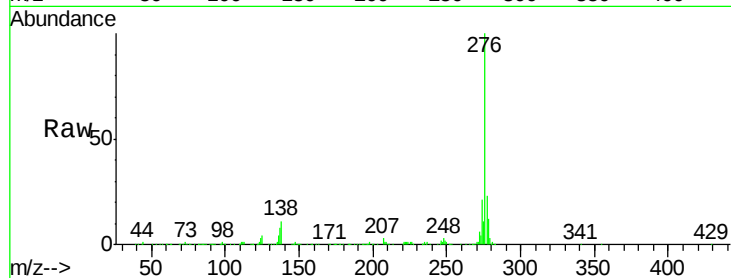




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.741 ng
 RT: 30.71 min Scan# 4667
 Delta R.T. -0.10 min
 Lab File: BG033340.D
 Acq: 26 Mar 2018 21:48

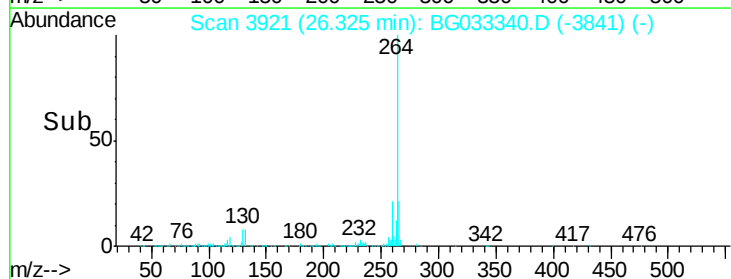
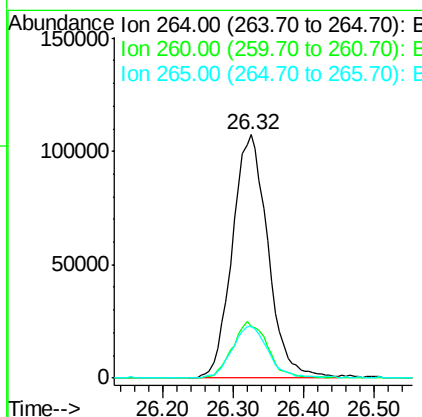
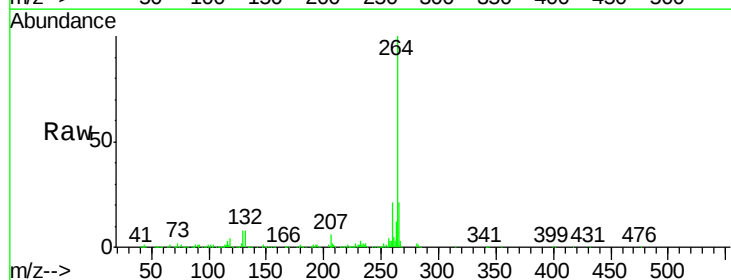
Instrument :
 BNA_G
 ClientSampleId :

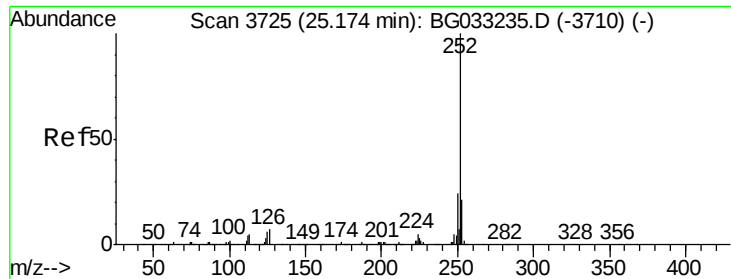
Tot Ion:276 Resp: 1267253
 Ion Ratio Lower Upper
 276 100
 138 8.6 16.0 24.0#
 277 26.0 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.32 min Scan# 3921
 Delta R.T. -0.06 min
 Lab File: BG033340.D
 Acq: 26 Mar 2018 21:48

Tgt Ion:264 Resp: 376180
 Ion Ratio Lower Upper
 264 100
 260 21.2 17.4 26.0
 265 21.3 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 50.617 ng

RT: 25.11 min Scan# 3715

Delta R.T. -0.05 min

Lab File: BG033340.D

Acq: 26 Mar 2018 21:48

Instrument :

BNA_G

ClientSampleId :

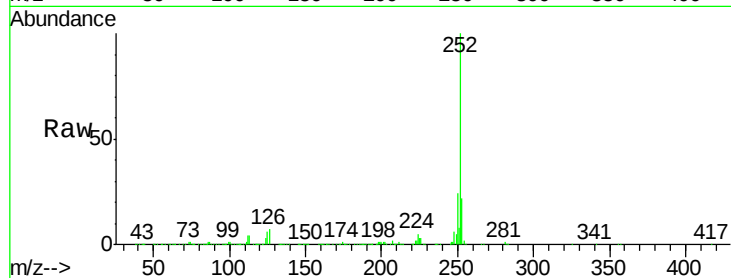
Tot Ion:252 Resp: 1100086

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.4

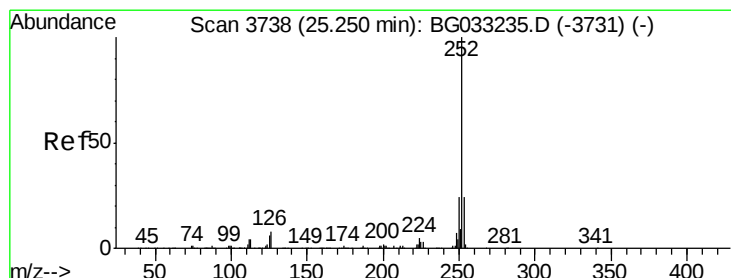
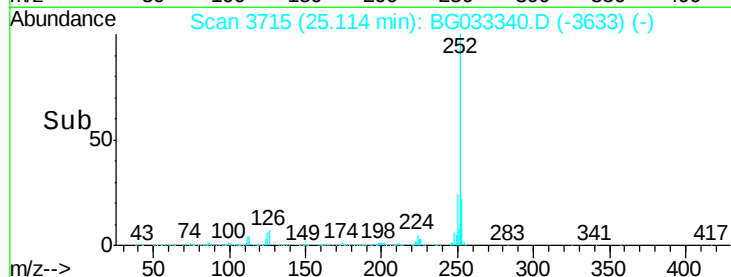
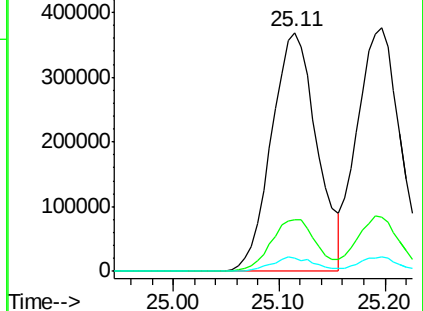
125 5.8 7.2 10.8#



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: 49.367 ng

RT: 25.20 min Scan# 3729

Delta R.T. -0.05 min

Lab File: BG033340.D

Acq: 26 Mar 2018 21:48

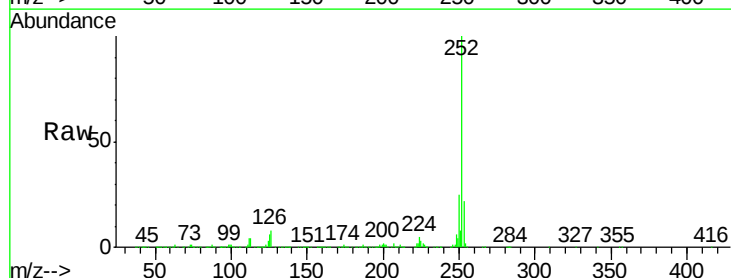
Tgt Ion:252 Resp: 1085137

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

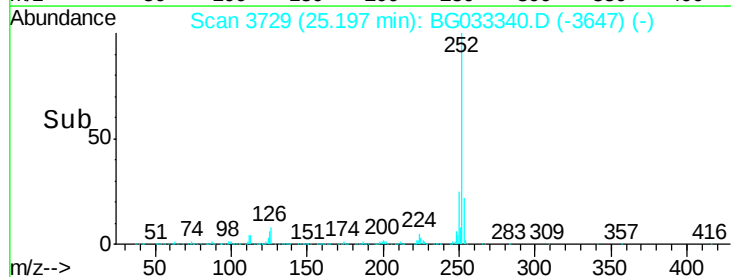
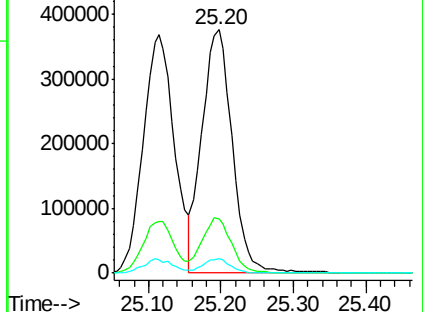
125 6.0 6.6 9.8#

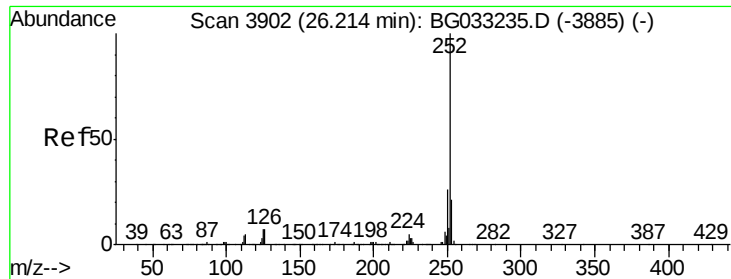


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 51.381 ng

RT: 26.15 min Scan# 3891

Delta R.T. -0.06 min

Lab File: BG033340.D

Acq: 26 Mar 2018 21:48

Instrument :

BNA_G

ClientSampleId :

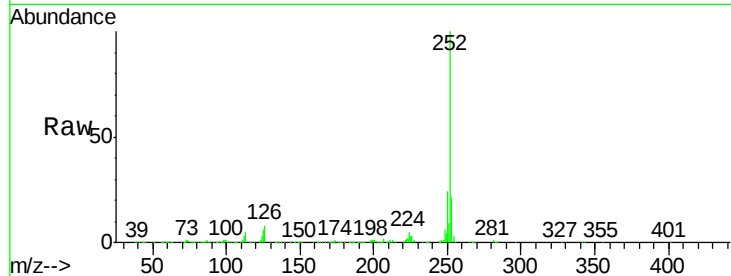
Tot Ion:252 Resp: 1072404

Ion Ratio Lower Upper

252 100

253 21.5 18.3 27.5

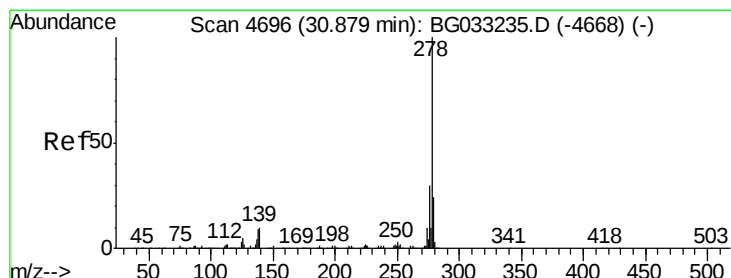
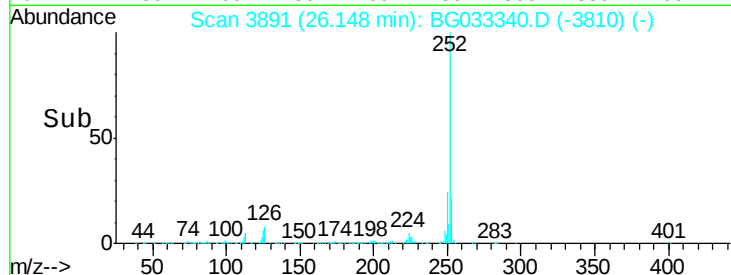
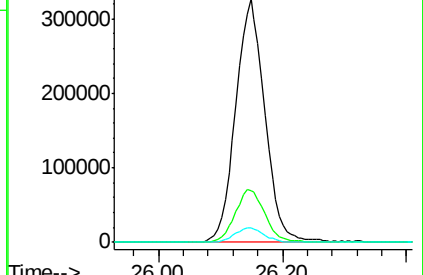
125 6.2 7.3 10.9#



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: 54.199 ng

RT: 30.78 min Scan# 4680

Delta R.T. -0.09 min

Lab File: BG033340.D

Acq: 26 Mar 2018 21:48

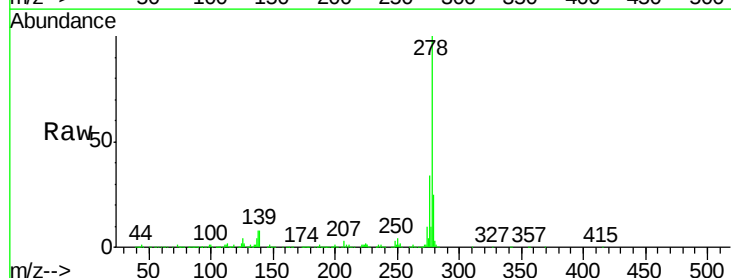
Tgt Ion:278 Resp: 1065556

Ion Ratio Lower Upper

278 100

139 8.3 9.8 14.6#

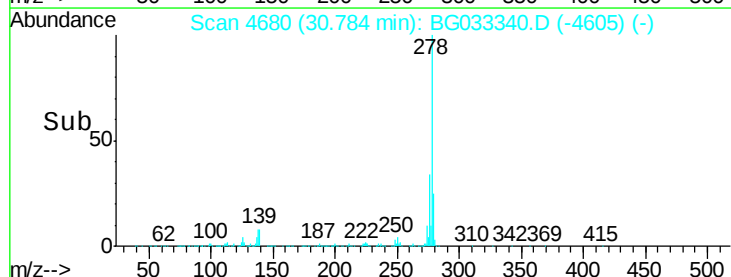
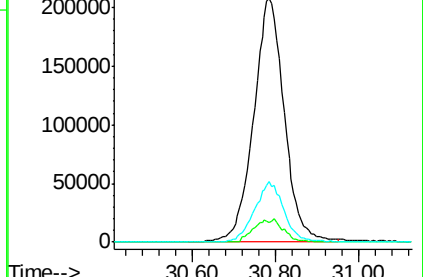
279 24.8 18.4 27.6

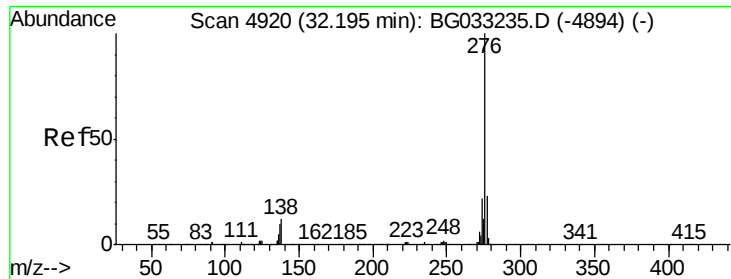


Abundance Ion 278.00 (277.70 to 278.70): E

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: 54.394 ng
 RT: 32.09 min Scan# 4903
 Delta R.T. -0.10 min
 Lab File: BG033340.D
 Acq: 26 Mar 2018 21:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1058953
 Ion Ratio Lower Upper
 276 100
 277 23.6 18.3 27.5
 138 12.2 13.9 20.9#

