

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG010318\
 Data File : BG031904.D
 Acq On : 4 Jan 2018 00:07
 Operator : SJ/JU
 Sample : J1005-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OWS-1MSD

Quant Time: Jan 04 07:32:51 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 15:51:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	48997	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	213322	20.00	ng	0.00
38) Acenaphthene-d10	15.42	164	149665	20.00	ng	0.00
63) Phenanthrene-d10	18.15	188	379679	20.00	ng	0.00
75) Chrysene-d12	22.50	240	425764	20.00	ng	0.00
86) Perylene-d12	26.23	264	470587	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	6.21	112	365010	135.69	ng	0.00
7) Phenol-d6	7.90	99	445338	127.51	ng	0.00
23) Nitrobenzene-d5	9.99	82	296821	105.07	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	343261	150.31	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	1042496	87.43	ng	0.00
78) Terphenyl-d14	20.68	244	1850471	99.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.87	88	34241	34.337	ng	# 73
3) Pyridine	4.33	79	84166	31.576	ng	# 77
4) n-Nitrosodimethylamine	4.22	42	44015	40.921	ng	# 74
6) Aniline	8.08	93	31096	6.920	ng	96
8) 2-Chlorophenol	8.34	128	144804	46.405	ng	# 79
9) Benzaldehyde	7.88	77	36000	17.118	ng	# 76
10) Phenol	7.92	94	152363	43.209	ng	93
11) bis(2-Chloroethyl)ether	8.17	93	120285	41.075	ng	# 83
12) 1,3-Dichlorobenzene	8.67	146	158709	40.956	ng	# 94
13) 1,4-Dichlorobenzene	8.82	146	162916	41.157	ng	95
14) 1,2-Dichlorobenzene	9.15	146	156963	41.848	ng	97
15) Benzyl Alcohol	9.02	79	129733	49.481	ng	90
16) 2,2'-oxybis(1-Chloropropan	9.32	45	122543	51.385	ng	80
17) 2-Methylphenol	9.22	107	117651	46.631	ng	97
18) Hexachloroethane	9.91	117	49759	41.504	ng	91
19) n-Nitroso-di-n-propylamine	9.60	70	96585	40.493	ng	# 78
20) 3+4-Methylphenols	9.55	107	163402	45.568	ng	90
22) Acetophenone	9.63	105	219722	44.334	ng	# 86
24) Nitrobenzene	10.03	77	138454	47.553	ng	# 84
25) Isophorone	10.55	82	276548	45.474	ng	# 84
26) 2-Nitrophenol	10.76	139	86969	56.970	ng	# 80
27) 2,4-Dimethylphenol	10.79	122	160964	50.108	ng	89
28) bis(2-Chloroethoxy)methane	11.03	93	171844	42.113	ng	# 93
29) 2,4-Dichlorophenol	11.30	162	187331	49.675	ng	92
30) 1,2,4-Trichlorobenzene	11.52	180	190326	41.334	ng	96
31) Naphthalene	11.72	128	515771	47.908	ng	99
33) 4-Chloroaniline	11.81	127	20035	4.180	ng	# 92
34) Hexachlorobutadiene	11.99	225	125879	39.821	ng	93
35) Caprolactam	12.56	113	43866	38.374	ng	# 40
36) 4-Chloro-3-methylphenol	12.88	107	174165	50.006	ng	# 82
37) 2-Methylnaphthalene	13.28	142	390830	44.781	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.64	216	264019	41.881	ng	# 98
40) Hexachlorocyclopentadiene	13.61	237	204182	61.397	ng	92
42) 2,4,6-Trichlorophenol	13.86	196	178789	49.190	ng	98

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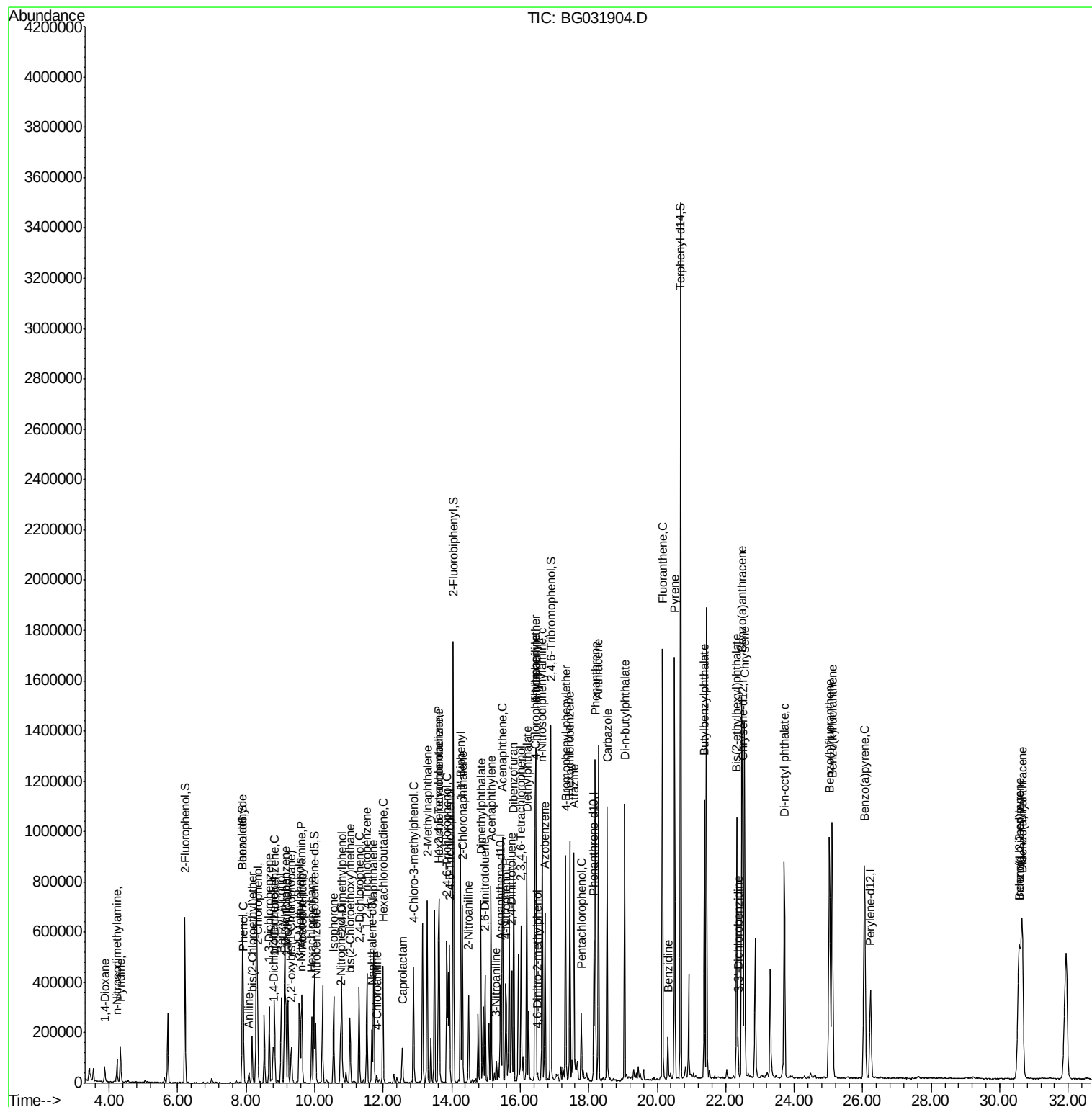
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.94	196	194272	48.231	ng	# 90
45) 1,1'-Biphenyl	14.26	154	557487	43.612	ng	95
46) 2-Chloronaphthalene	14.31	162	421734	43.254	ng	95
47) 2-Nitroaniline	14.49	65	95186	56.526	ng	# 66
48) Acenaphthylene	15.15	152	656628	42.095	ng	98
49) Dimethylphthalate	14.85	163	589481	44.709	ng	99
50) 2,6-Dinitrotoluene	14.98	165	131048	54.029	ng	# 65
51) Acenaphthene	15.48	154	416300	40.750	ng	98
52) 3-Nitroaniline	15.30	138	28142	11.892	ng	# 77
54) Dibenzofuran	15.81	168	688922	43.993	ng	98
55) 4-Nitrophenol	15.58	139	141790	73.617	ng	# 69
56) 2,4-Dinitrotoluene	15.75	165	183232	58.749	ng	# 63
57) Fluorene	16.46	166	557333	43.810	ng	100
58) 2,3,4,6-Tetrachlorophenol	16.02	232	168509	42.879	ng	# 86
59) Diethylphthalate	16.19	149	568677	44.252	ng	96
60) 4-Chlorophenyl-phenylether	16.43	204	331489	42.586	ng	92
61) 4-Nitroaniline	16.46	138	84947	36.785	ng	80
62) Azobenzene	16.73	77	356970	43.314	ng	83
64) 4,6-Dinitro-2-methylphenol	16.50	198	9604	12.606	ng	# 70
65) n-Nitrosodiphenylamine	16.64	169	527340	41.819	ng	99
66) 4-Bromophenyl-phenylether	17.33	248	240285	43.765	ng	94
67) Hexachlorobenzene	17.45	284	249672	44.484	ng	# 91
68) Atrazine	17.57	200	227216	46.340	ng	97
69) Pentachlorophenol	17.78	266	69880	18.101	ng	98
70) Phenanthrene	18.20	178	935065	43.518	ng	100
71) Anthracene	18.28	178	958050	44.201	ng	99
72) Carbazole	18.54	167	837505	43.656	ng	98
73) Di-n-butylphthalate	19.05	149	935299	43.870	ng	99
74) Fluoranthene	20.15	202	1162586	44.096	ng	95
76) Benzidine	20.31	184	101328	7.711	ng	99
77) Pyrene	20.51	202	1189391	43.733	ng	97
79) Butylbenzylphthalate	21.37	149	417746	45.757	ng	# 76
80) Benzo(a)anthracene	22.47	228	1214718	44.851	ng	99
81) 3,3'-Dichlorobenzidine	22.36	252	73657	7.015	ng	# 96
82) Chrysene	22.55	228	1134807	44.285	ng	98
83) Bis(2-ethylhexyl)phthalate	22.32	149	592791	44.817	ng	# 97
84) Di-n-octyl phthalate	23.71	149	1004558	45.095	ng	# 87
85) Indeno(1,2,3-cd)pyrene	30.56	276	1529615	46.528	ng	# 89
87) Benzo(b)fluoranthene	25.03	252	1263433	43.252	ng	# 97
88) Benzo(k)fluoranthene	25.11	252	1240293	42.427	ng	# 96
89) Benzo(a)pyrene	26.06	252	1246258	44.547	ng	# 96
90) Dibenzo(a,h)anthracene	30.65	278	1270008	43.955	ng	# 94
91) Benzo(g,h,i)perylene	30.56	276	1529615	44.839	ng	# 94

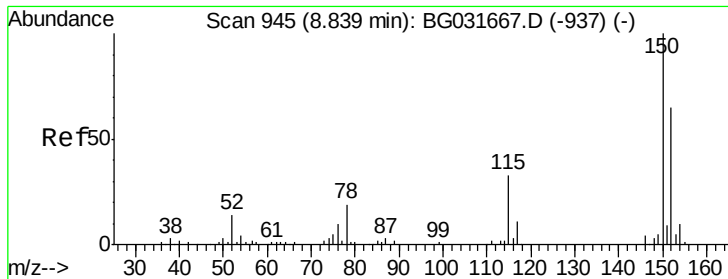
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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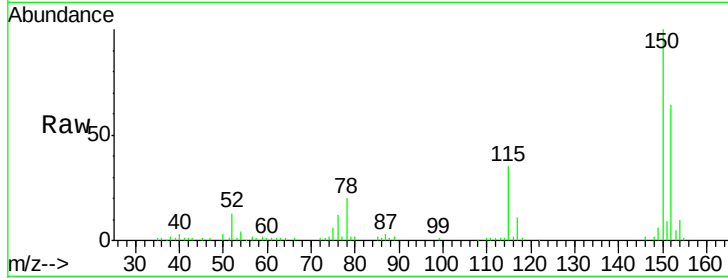


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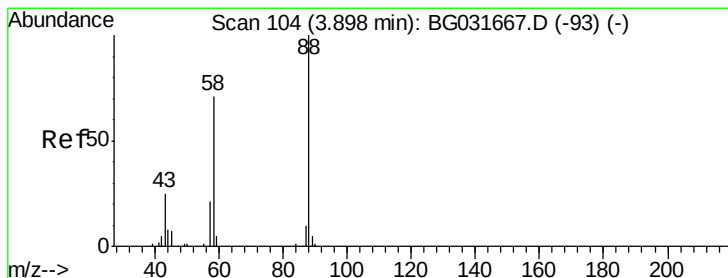
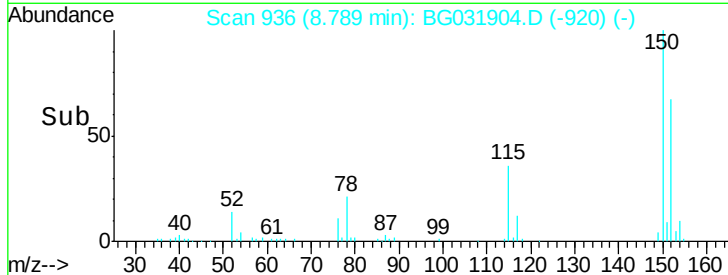
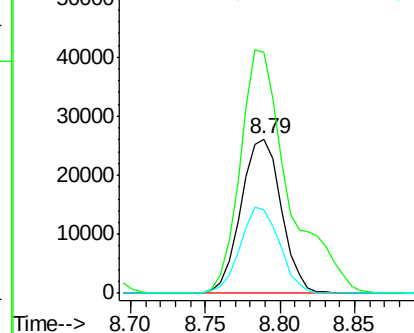
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.79 min Scan# 936
Delta R.T. -0.00 min
Lab File: BG031904.D
Acq: 4 Jan 2018 00:07

Instrument :
BNA_G
ClientSampleId :
OWS-1MSD

Tgt Ion:152 Resp: 48997
Ion Ratio Lower Upper
152 100
150 156.1 126.6 189.8
115 54.0 53.0 79.4



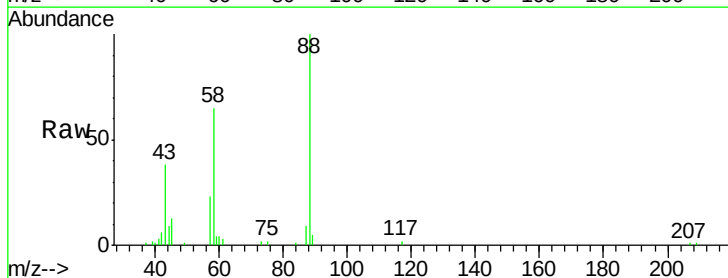
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



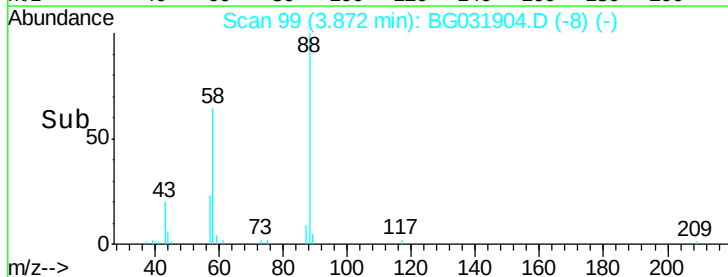
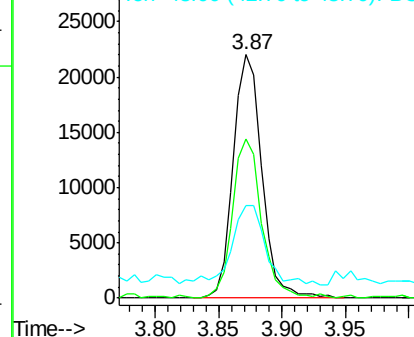
#2

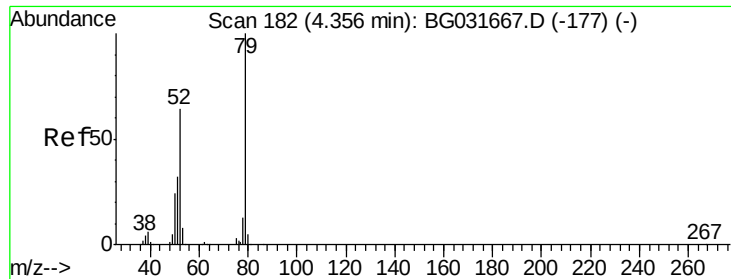
1,4-Dioxane
Concen: 34.337 ng
RT: 3.87 min Scan# 99
Delta R.T. 0.00 min
Lab File: BG031904.D
Acq: 4 Jan 2018 00:07

Tgt Ion: 88 Resp: 34241
Ion Ratio Lower Upper
88 100
58 66.4 79.6 119.4#
43 39.4 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

Pyridine

Concen: 31.576 ng

RT: 4.33 min Scan# 177

Delta R.T. 0.01 min

Lab File: BG031904.D

Acq: 4 Jan 2018 00:07

Instrument :

BNA_G

ClientSampleId :

OWS-1MSD

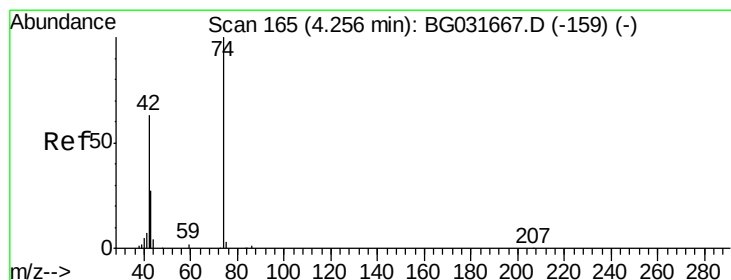
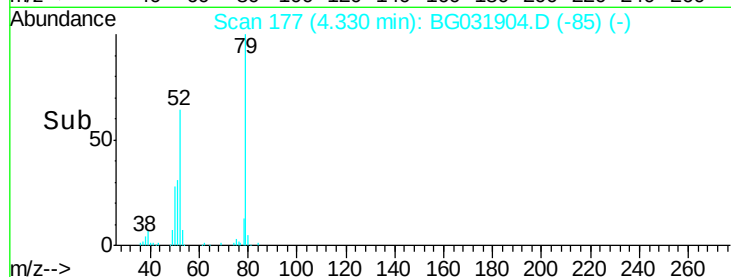
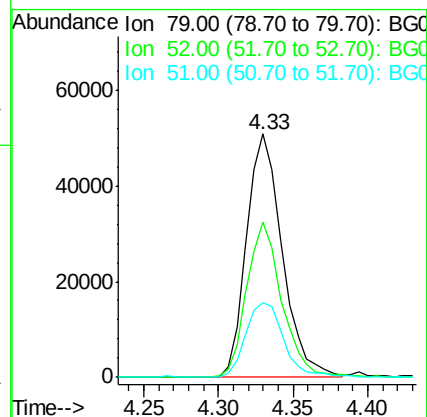
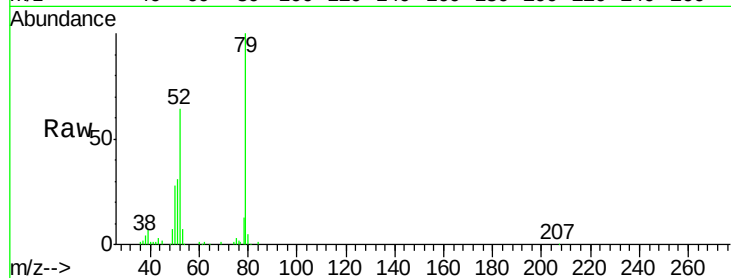
Tgt Ion: 79 Resp: 84166

Ion Ratio Lower Upper

79 100

52 63.8 69.9 104.9#

51 30.6 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 40.921 ng

RT: 4.22 min Scan# 159

Delta R.T. -0.00 min

Lab File: BG031904.D

Acq: 4 Jan 2018 00:07

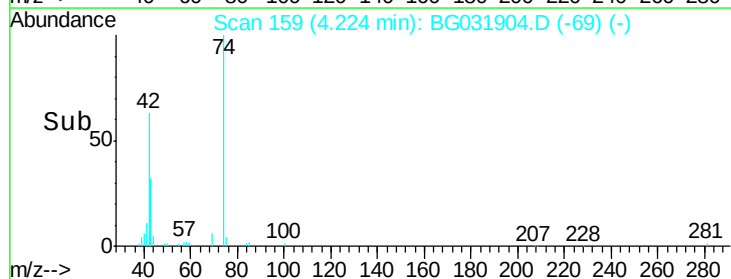
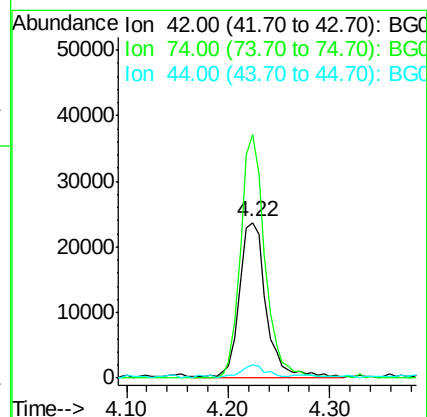
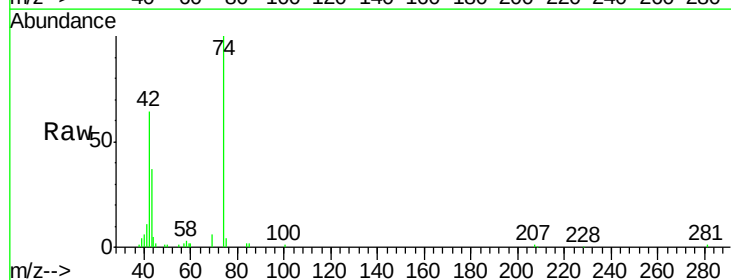
Tgt Ion: 42 Resp: 44015

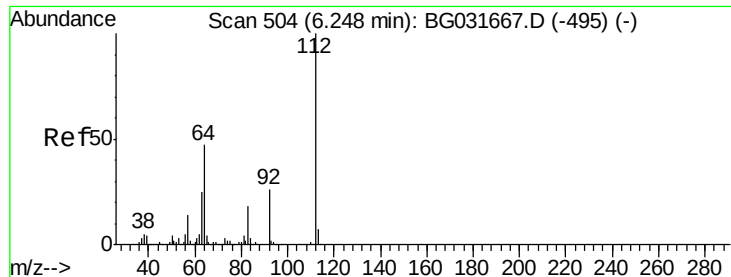
Ion Ratio Lower Upper

42 100

74 156.7 102.5 153.7#

44 8.3 18.9 28.3#





#5

2-Fluorophenol

Concen: 135.687 ng

RT: 6.21 min Scan# 497

Delta R.T. -0.00 min

Lab File: BG031904.D

Acq: 4 Jan 2018 00:07

Instrument :

BNA_G

ClientSampleId :

OWS-1MSD

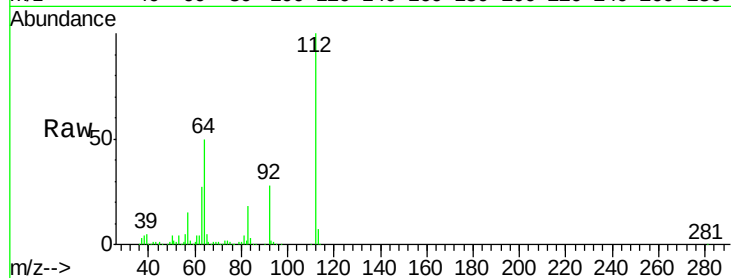
Tgt Ion: 112 Resp: 365010

Ion Ratio Lower Upper

112 100

64 50.5 56.3 84.5#

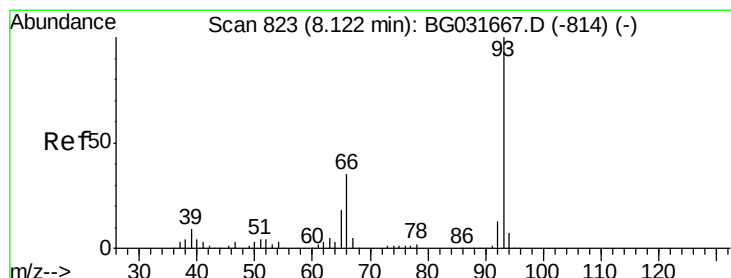
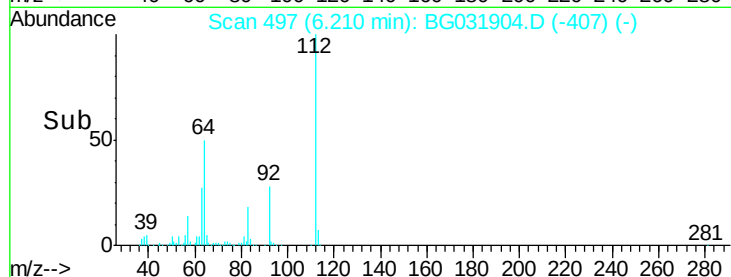
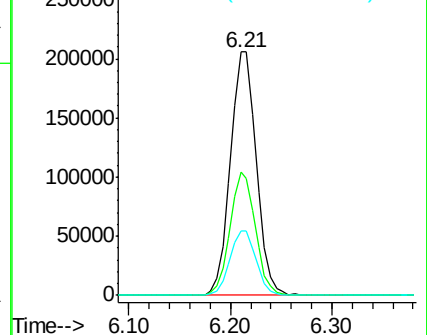
63 26.6 30.1 45.1#



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: 6.920 ng

RT: 8.08 min Scan# 815

Delta R.T. -0.00 min

Lab File: BG031904.D

Acq: 4 Jan 2018 00:07

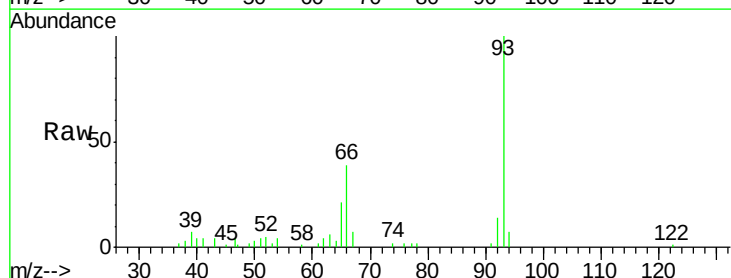
Tgt Ion: 93 Resp: 31096

Ion Ratio Lower Upper

93 100

66 39.2 33.7 50.5

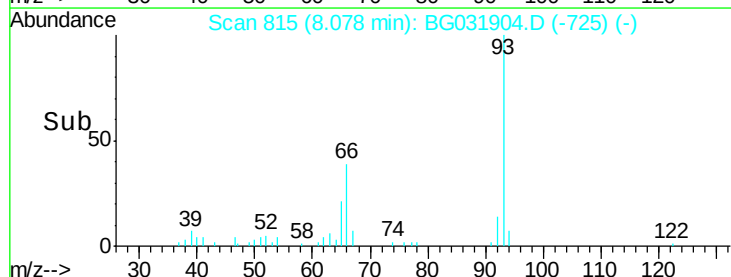
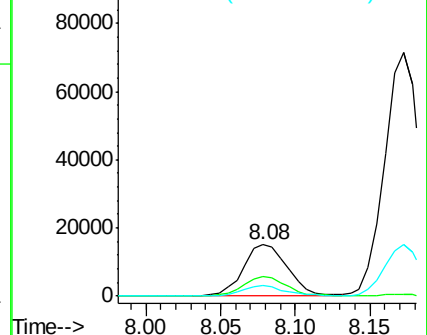
65 21.3 16.1 24.1

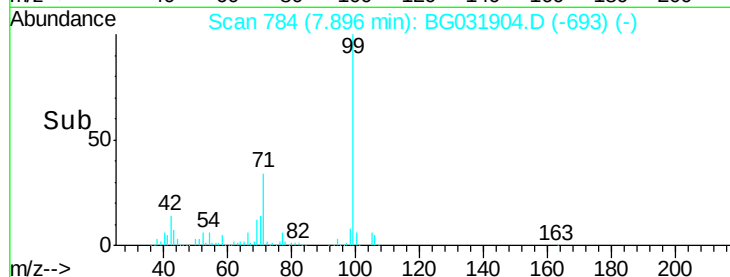
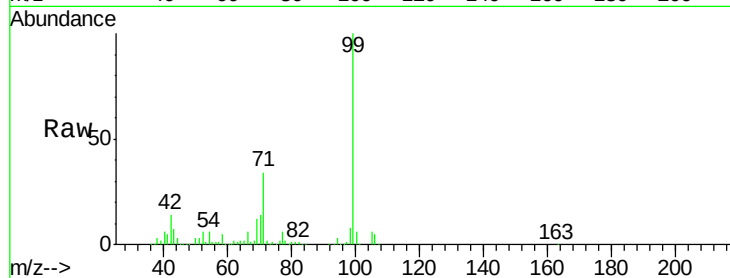
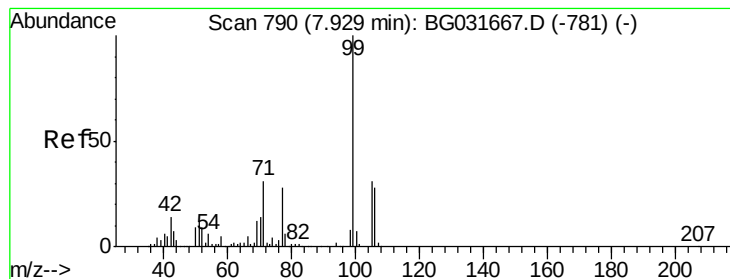


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 127.508 ng

RT: 7.90 min Scan# 784

Delta R.T. 0.00 min

Lab File: BG031904.D

Acq: 4 Jan 2018 00:07

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OWS-1MSD

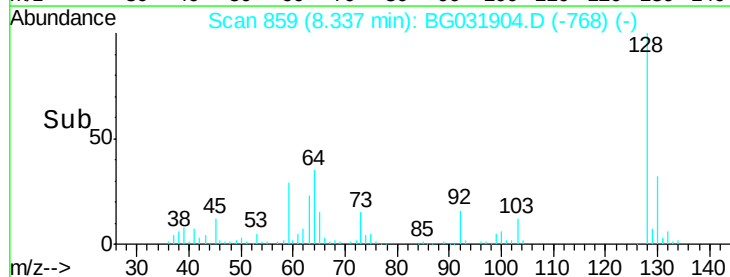
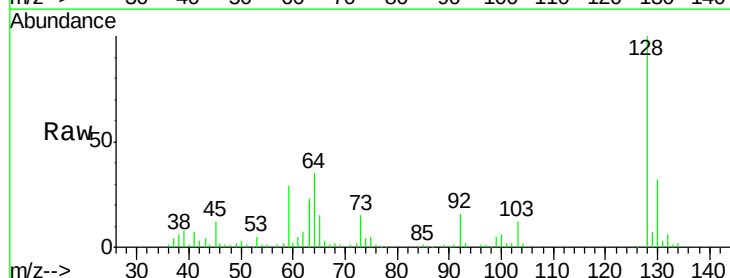
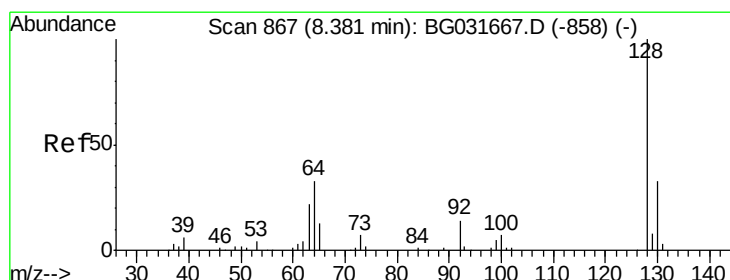
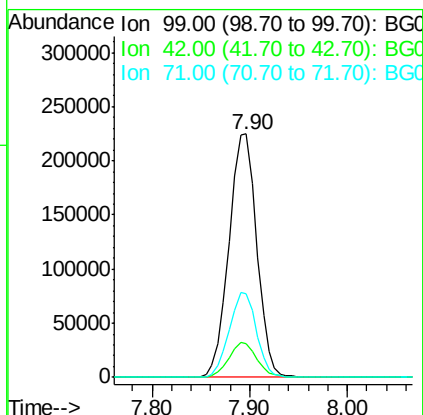
Tgt Ion: 99 Resp: 445338

Ion Ratio Lower Upper

99 100

42 14.1 14.1 21.1#

71 34.4 26.1 39.1



#8

2-Chlorophenol

Concen: 46.405 ng

RT: 8.34 min Scan# 859

Delta R.T. 0.00 min

Lab File: BG031904.D

Acq: 4 Jan 2018 00:07

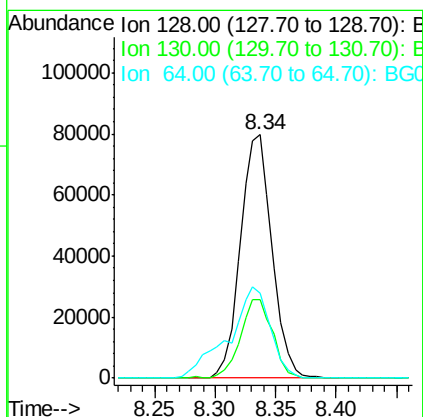
Tgt Ion: 128 Resp: 144804

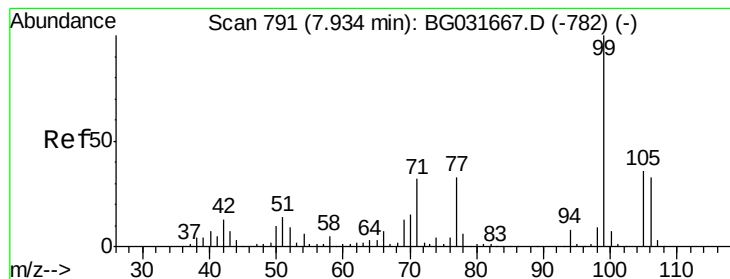
Ion Ratio Lower Upper

128 100

130 32.0 14.0 54.0

64 35.1 37.7 77.7#





#9

Benzaldehyde

Concen: 17.118 ng

RT: 7.88 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG031904.D

Acq: 4 Jan 2018 00:07

Instrument :

BNA_G

ClientSampleId :

OVS-1MSD

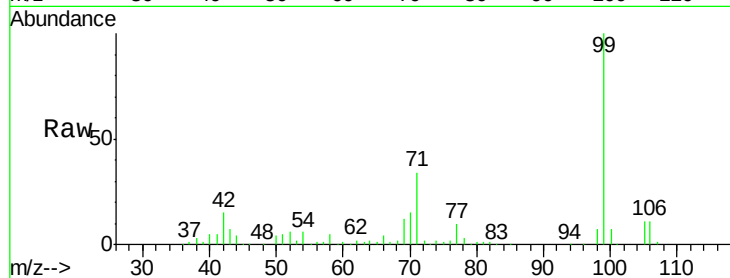
Tgt Ion: 77 Resp: 36000

Ion Ratio Lower Upper

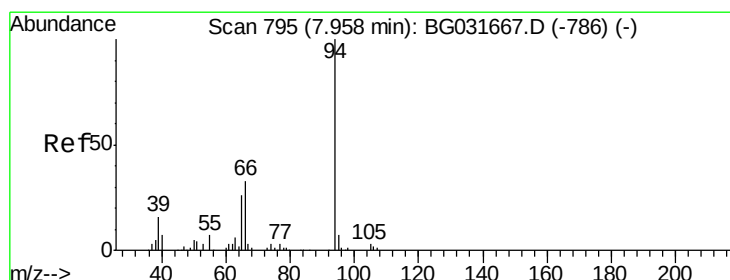
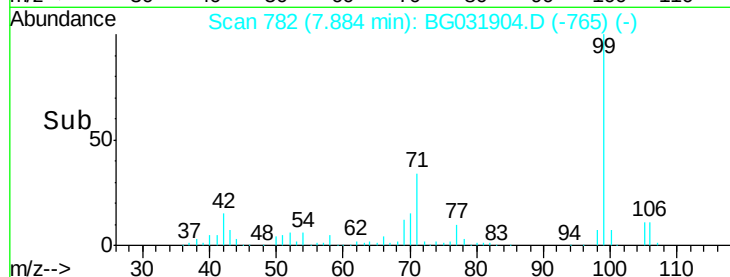
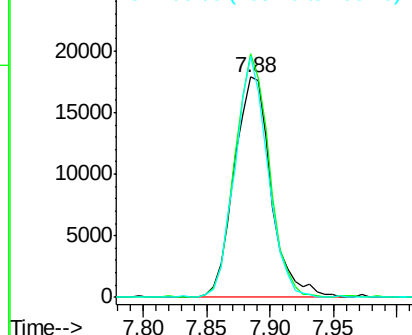
77 100

105 110.6 71.3 111.3

106 109.4 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: 43.209 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.00 min

Lab File: BG031904.D

Acq: 4 Jan 2018 00:07

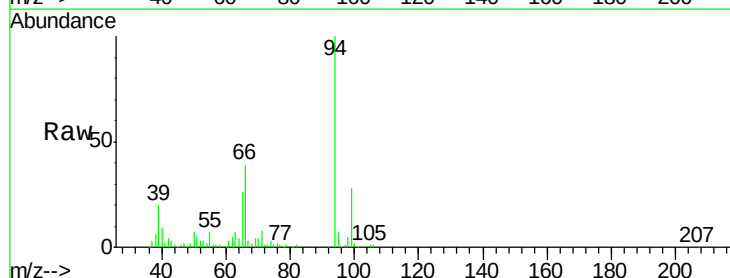
Tgt Ion: 94 Resp: 152363

Ion Ratio Lower Upper

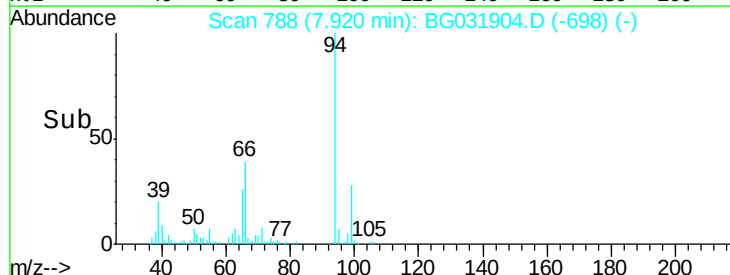
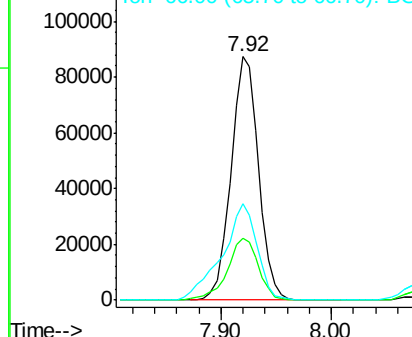
94 100

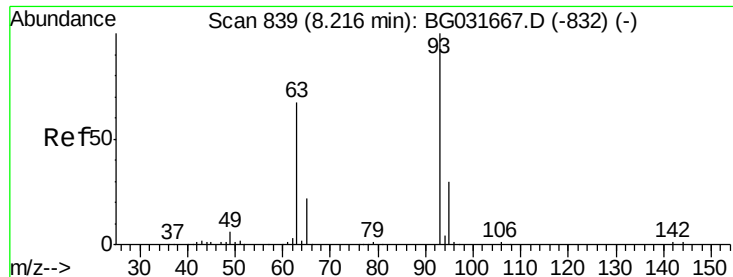
65 25.6 11.9 51.9

66 39.5 22.2 62.2



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

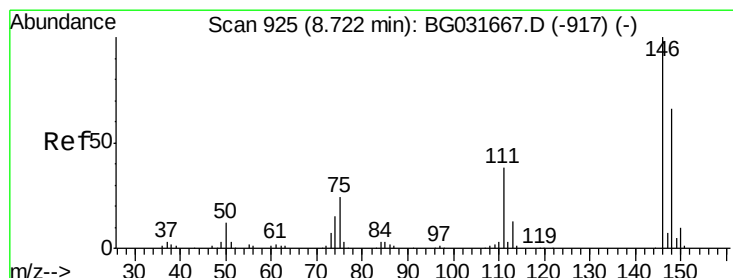
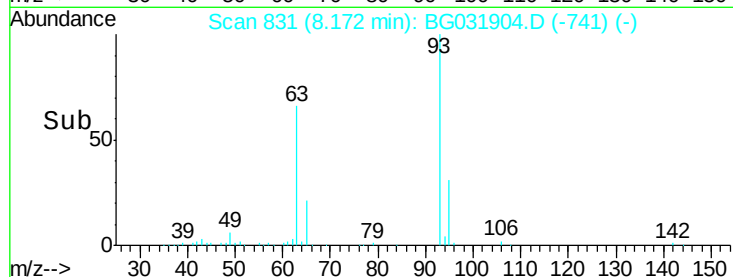
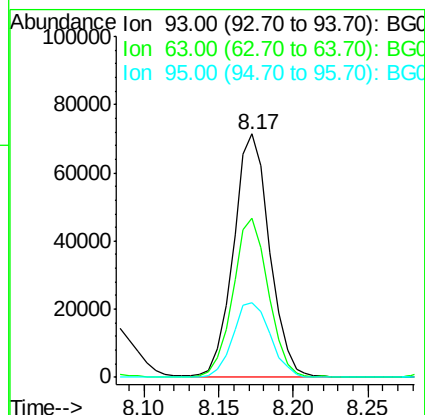
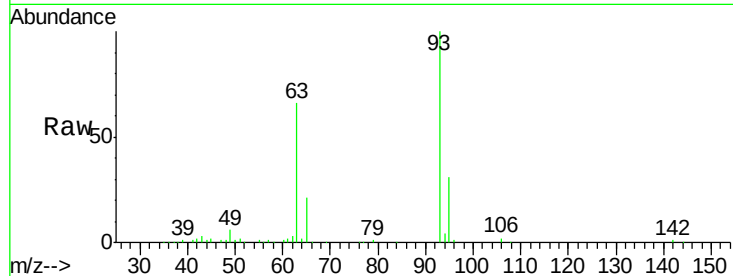




#11
bis(2-Chloroethyl)ether
Concen: 41.075 ng
RT: 8.17 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG031904.D
Acq: 4 Jan 2018 00:07

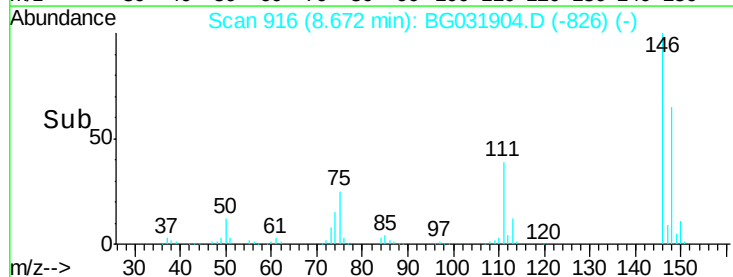
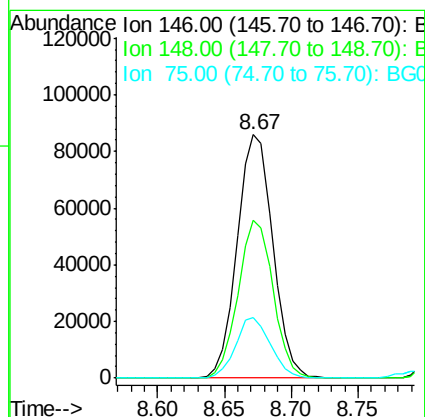
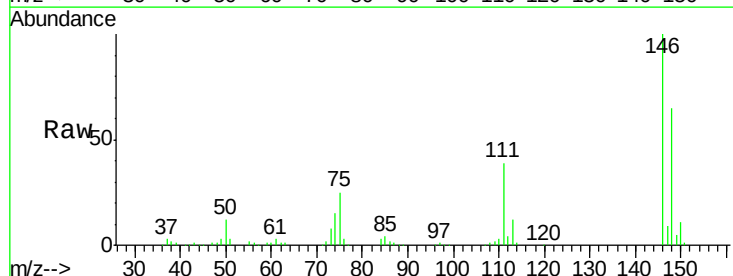
Instrument :
BNA_G
ClientSampleId :
OWS-1MSD

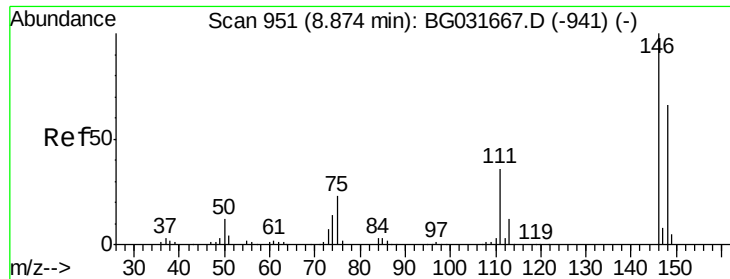
Tgt Ion: 93 Resp: 120285
Ion Ratio Lower Upper
93 100
63 65.6 67.1 107.1#
95 30.7 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 40.956 ng
RT: 8.67 min Scan# 916
Delta R.T. -0.00 min
Lab File: BG031904.D
Acq: 4 Jan 2018 00:07

Tgt Ion: 146 Resp: 158709
Ion Ratio Lower Upper
146 100
148 64.9 51.4 77.2
75 24.9 26.6 39.8#

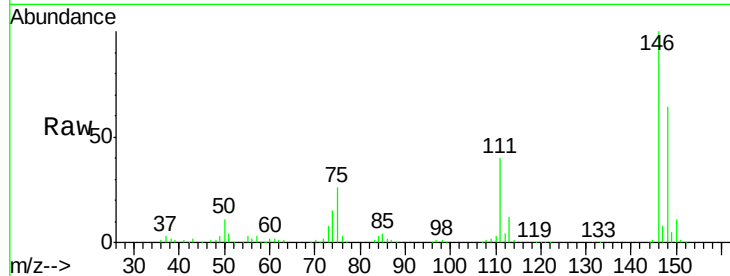




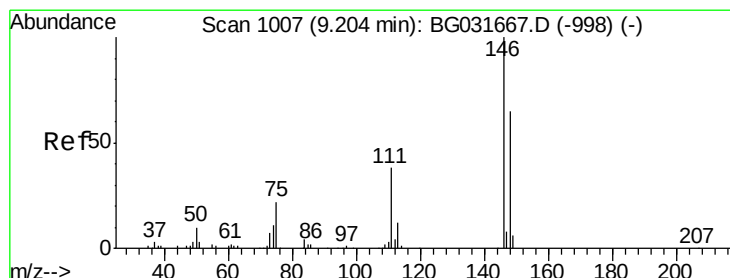
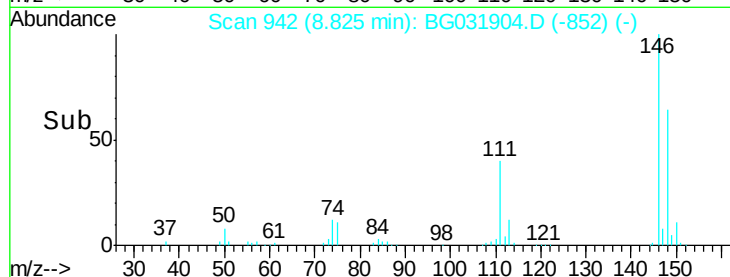
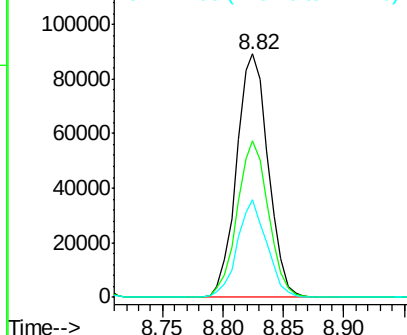
#13
 1,4-Dichlorobenzene
 Concen: 41.157 ng
 RT: 8.82 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BG031904.D
 Acq: 4 Jan 2018 00:07

Instrument :
 BNA_G
 ClientSampleId :
 OWS-1MSD

Tgt Ion:146 Resp: 162916
 Ion Ratio Lower Upper
 146 100
 148 64.3 53.7 80.5
 111 40.1 35.2 52.8

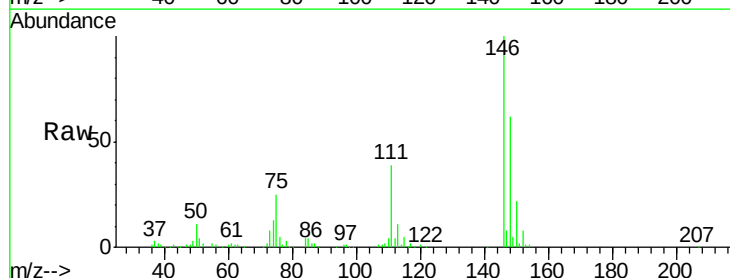


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

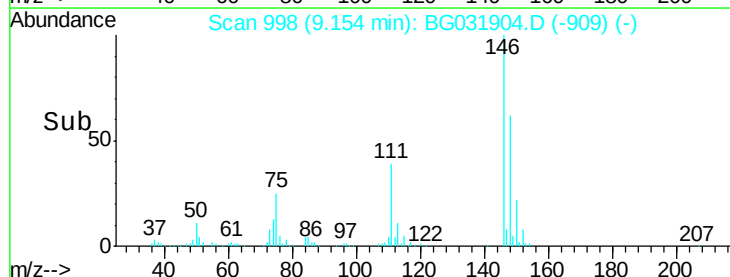
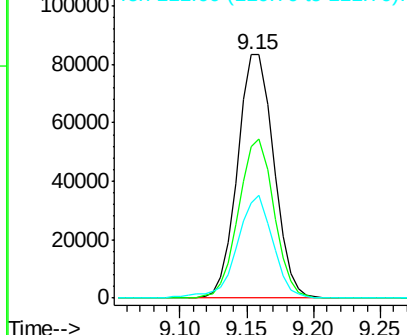


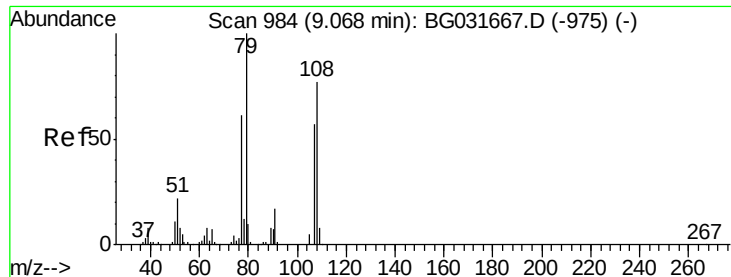
#14
 1,2-Dichlorobenzene
 Concen: 41.848 ng
 RT: 9.15 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BG031904.D
 Acq: 4 Jan 2018 00:07

Tgt Ion:146 Resp: 156963
 Ion Ratio Lower Upper
 146 100
 148 62.4 49.3 73.9
 111 39.2 34.3 51.5



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





#15

Benzyl Alcohol

Concen: 49.481 ng

RT: 9.02 min Scan# 976

Delta R.T. 0.00 min

Lab File: BG031904.D

Acq: 4 Jan 2018 00:07

Instrument :

BNA_G

ClientSampleId :

OWS-1MSD

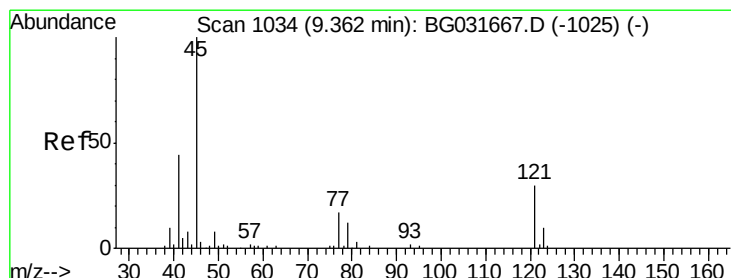
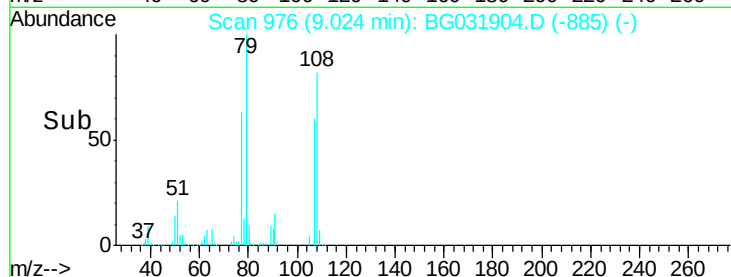
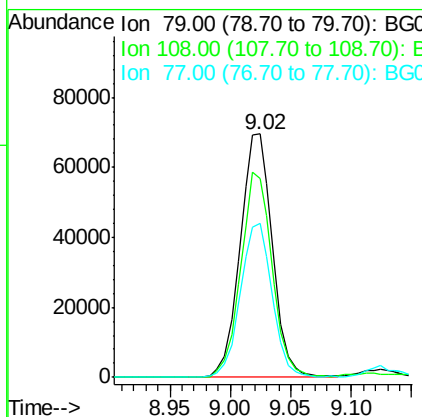
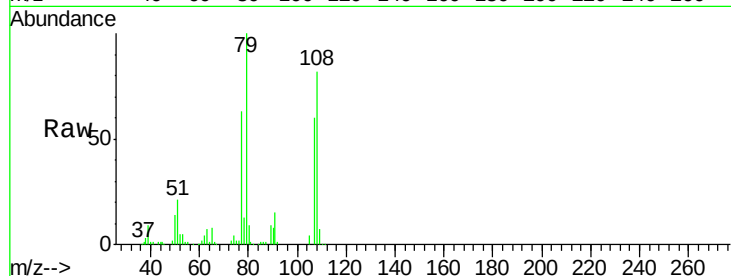
Tgt Ion: 79 Resp: 129733

Ion Ratio Lower Upper

79 100

108 81.6 57.2 85.8

77 63.2 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 51.385 ng

RT: 9.32 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BG031904.D

Acq: 4 Jan 2018 00:07

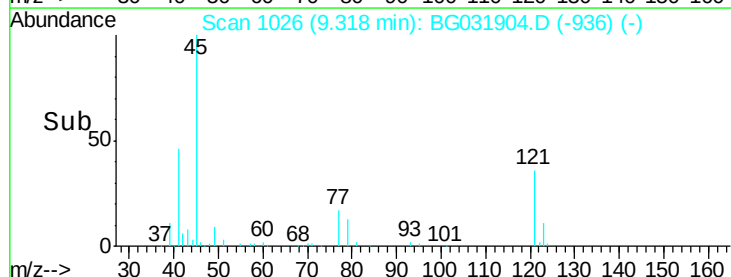
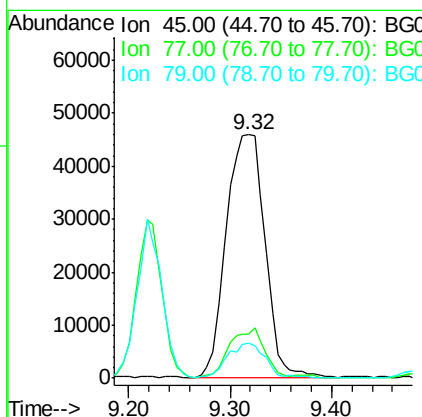
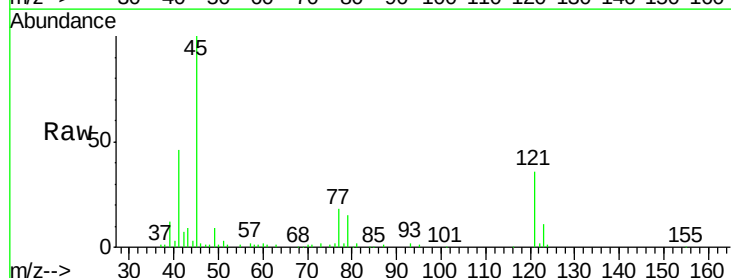
Tgt Ion: 45 Resp: 122543

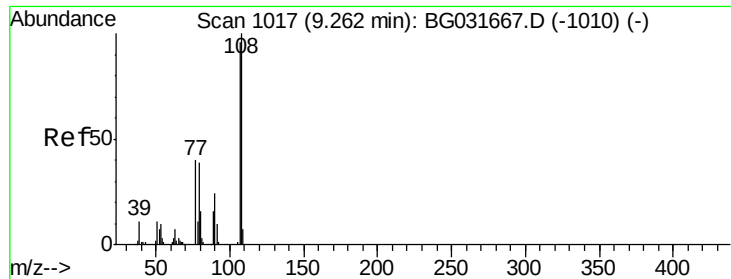
Ion Ratio Lower Upper

45 100

77 18.2 0.0 30.2

79 14.5 0.0 27.9

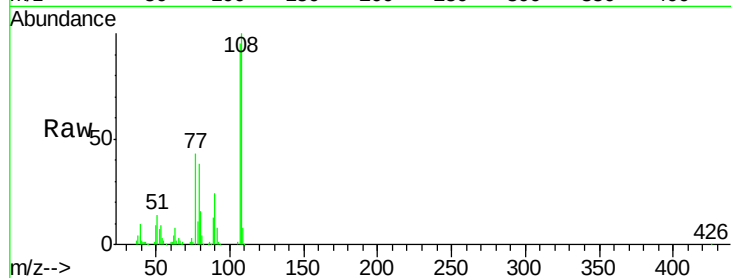




#17
2-Methylphenol
Concen: 46.631 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BG031904.D
Acq: 4 Jan 2018 00:07

Instrument :
BNA_G
ClientSampleId :
OWS-1MSD

Tgt Ion	Ratio	Lower	Upper
107	100		
108	105.7	83.9	125.9
77	45.3	37.2	55.8
79	39.8	36.2	54.2



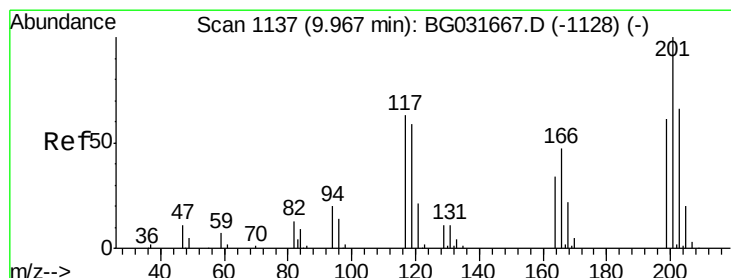
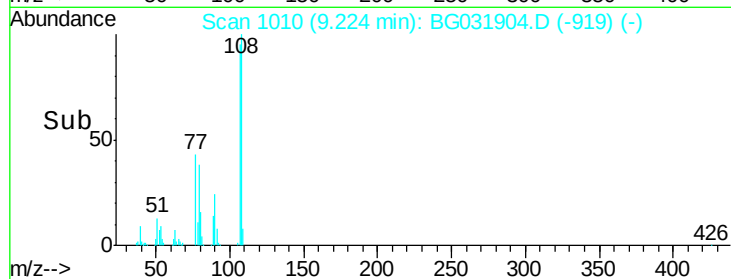
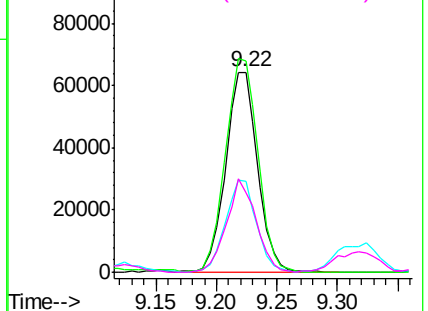
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

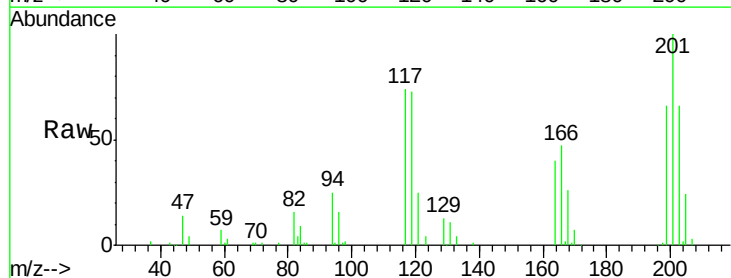
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 41.504 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BG031904.D
Acq: 4 Jan 2018 00:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.2	76.7	115.1
201	135.4	95.7	143.5

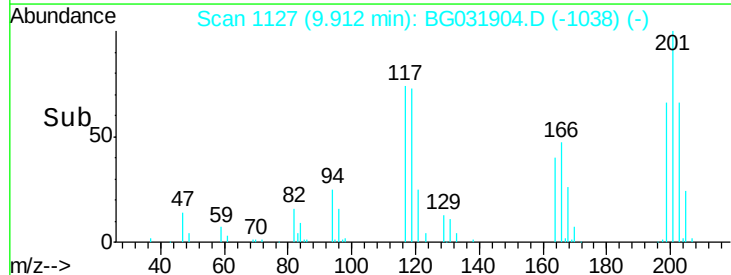
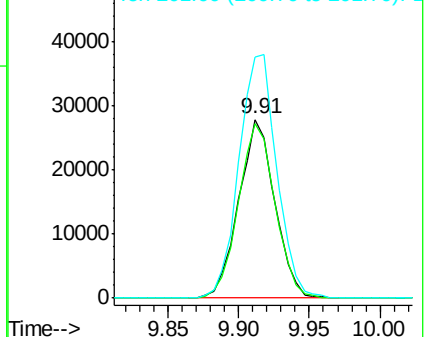


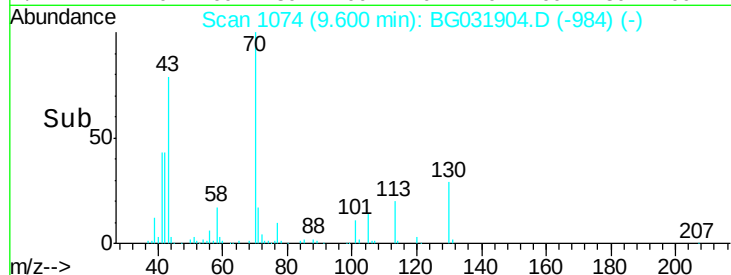
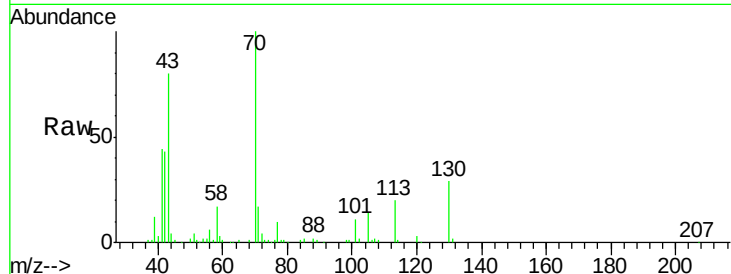
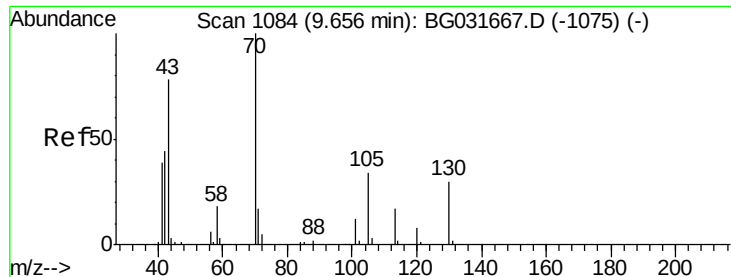
Abundance

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

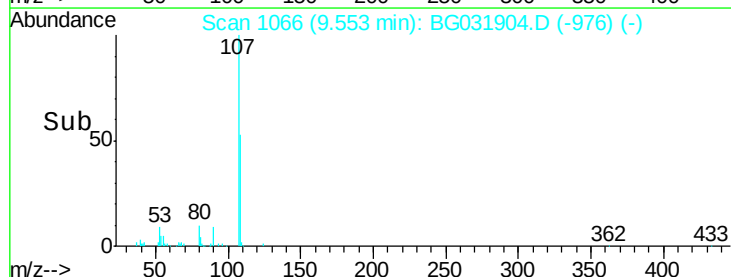
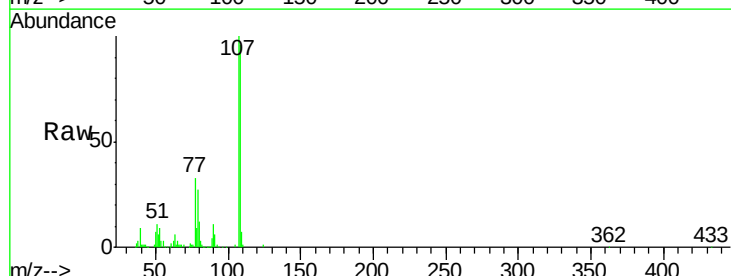
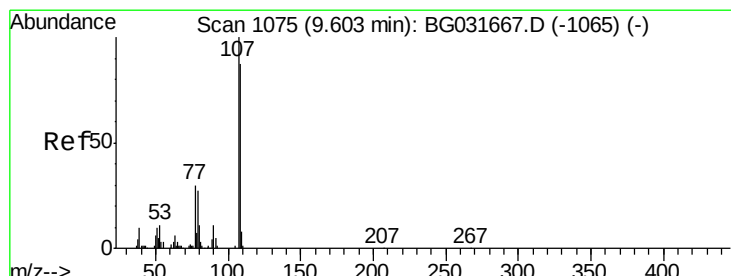
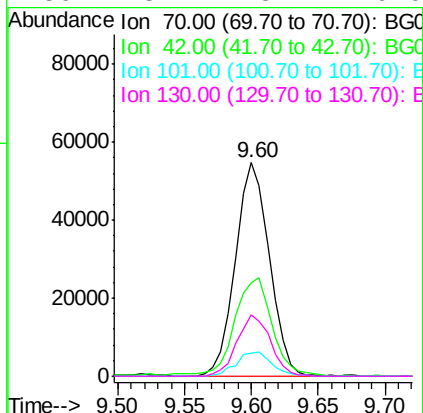




#19
n-Nitroso-di-n-propylamine
Concen: 40.493 ng
RT: 9.60 min Scan# 1074
Delta R.T. -0.00 min
Lab File: BG031904.D
Acq: 4 Jan 2018 00:07

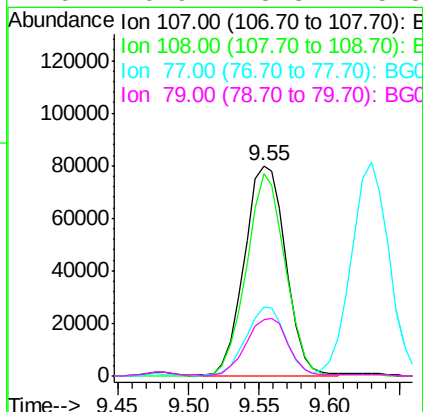
Instrument :
BNA_G
ClientSampleId :
OWS-1MSD

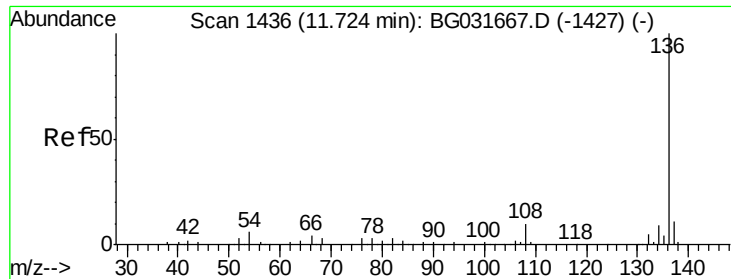
Tgt Ion: 70 Resp: 96585
Ion Ratio Lower Upper
70 100
42 43.5 49.1 73.7#
101 10.9 8.5 12.7
130 28.7 13.4 20.0#



#20
3+4-Methylphenols
Concen: 45.568 ng
RT: 9.55 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BG031904.D
Acq: 4 Jan 2018 00:07

Tgt Ion: 107 Resp: 163402
Ion Ratio Lower Upper
107 100
108 96.2 61.6 101.6
77 33.2 13.9 53.9
79 26.9 8.8 48.8

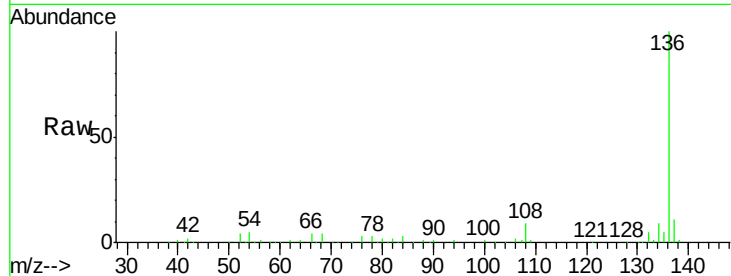




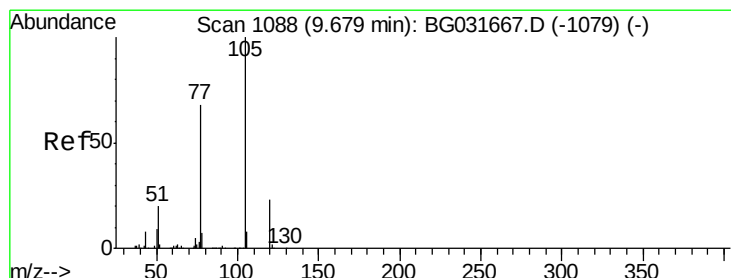
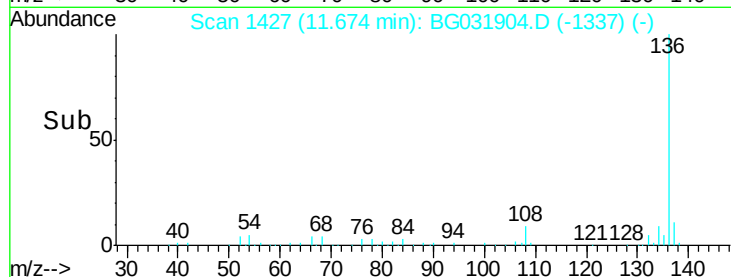
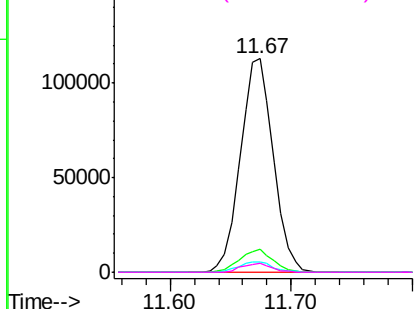
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BG031904.D
Acq: 4 Jan 2018 00:07

Instrument :
BNA_G
ClientSampleId :
OWS-1MSD

Tgt Ion:	136	Resp:	213322
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	4.6	10.3	15.5#
68	4.2	4.5	6.7#

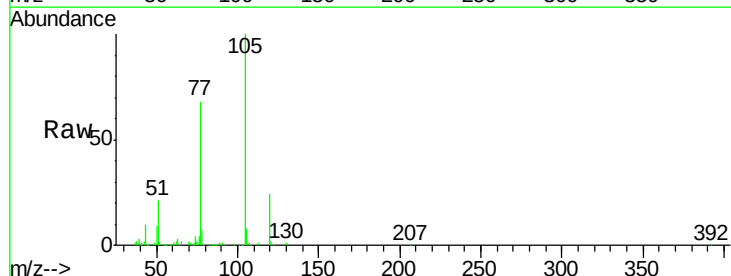


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

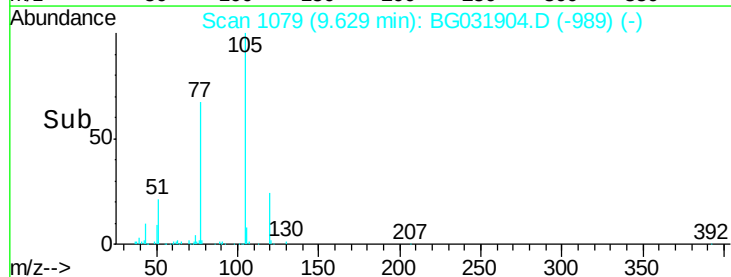
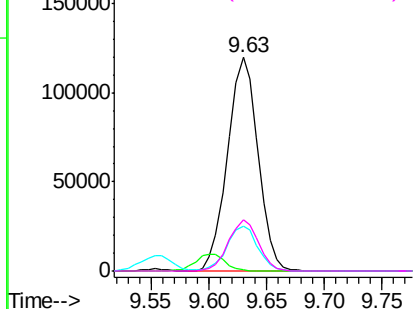


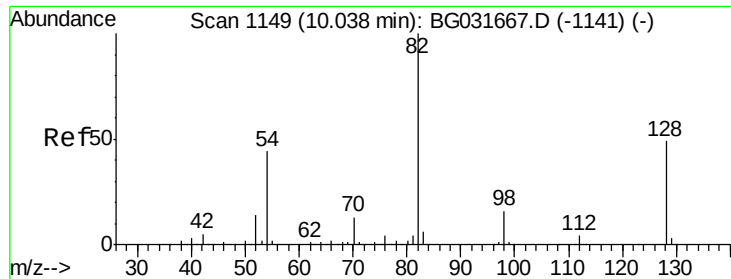
#22
Acetophenone
Concen: 44.334 ng
RT: 9.63 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BG031904.D
Acq: 4 Jan 2018 00:07

Tgt Ion:	105	Resp:	219722
Ion	Ratio	Lower	Upper
105	100		
71	0.6	3.0	4.4#
51	21.0	26.1	39.1#
120	23.9	17.4	26.2



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

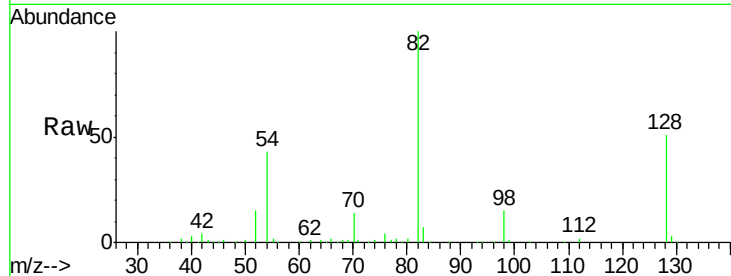




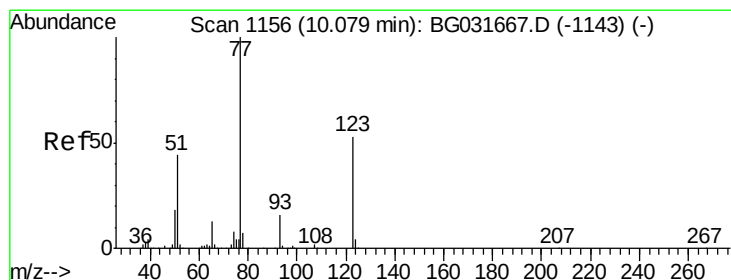
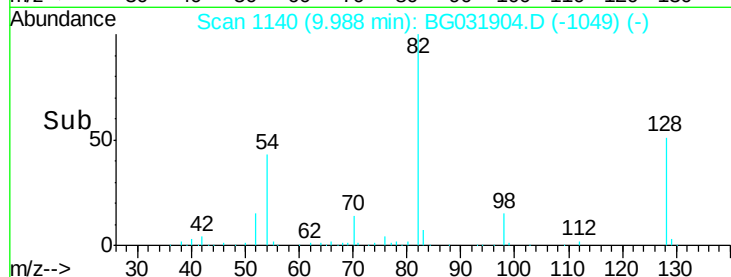
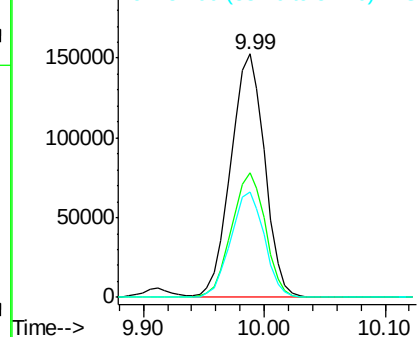
#23
 Nitrobenzene-d5
 Concen: 105.069 ng
 RT: 9.99 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BG031904.D
 Acq: 4 Jan 2018 00:07

Instrument :
 BNA_G
 ClientSampleId :
 OWS-1MSD

Tgt Ion: 82 Resp: 296821
 Ion Ratio Lower Upper
 82 100
 128 51.1 29.7 44.5#
 54 43.1 43.1 64.7#

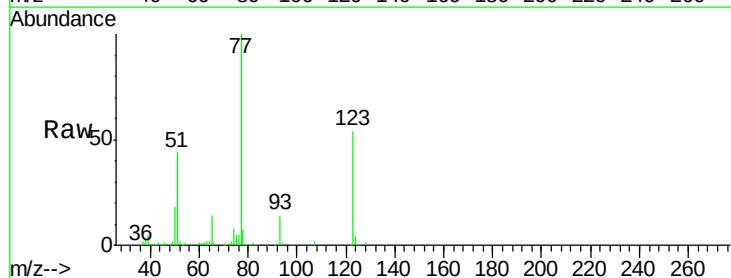


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

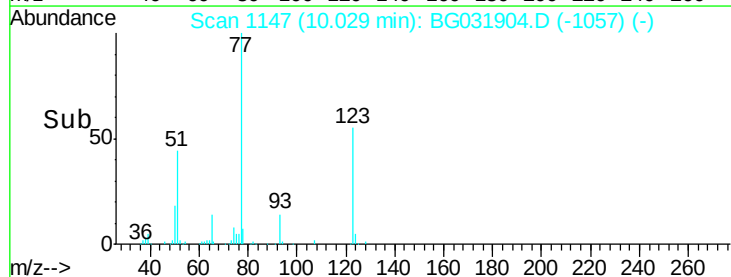
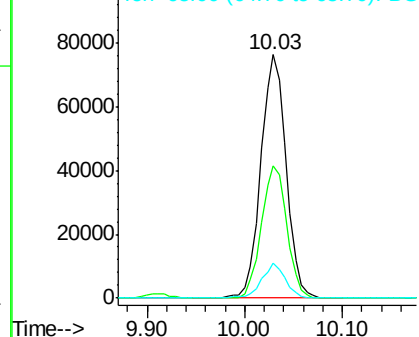


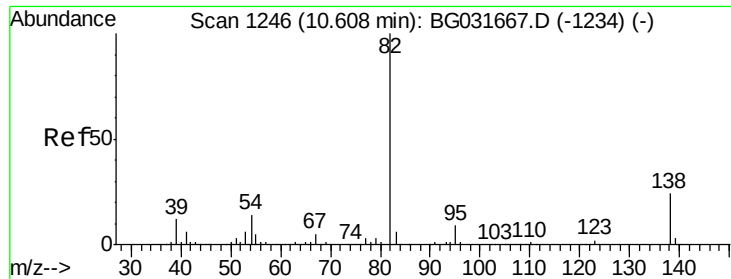
#24
 Nitrobenzene
 Concen: 47.553 ng
 RT: 10.03 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BG031904.D
 Acq: 4 Jan 2018 00:07

Tgt Ion: 77 Resp: 138454
 Ion Ratio Lower Upper
 77 100
 123 54.4 33.0 49.6#
 65 14.2 13.0 19.6



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





#25

Isophorone

Concen: 45.474 ng

RT: 10.55 min Scan# 1236

Delta R.T. -0.00 min

Lab File: BG031904.D

Acq: 4 Jan 2018 00:07

Instrument :

BNA_G

ClientSampleId :

OVS-1MSD

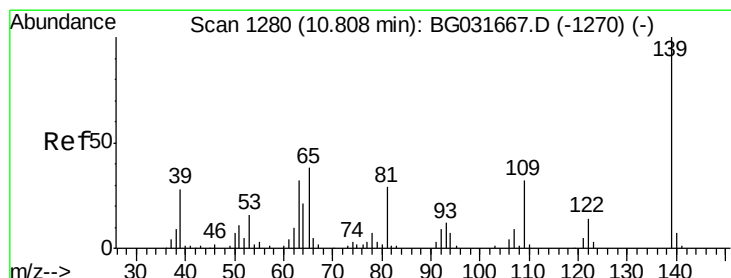
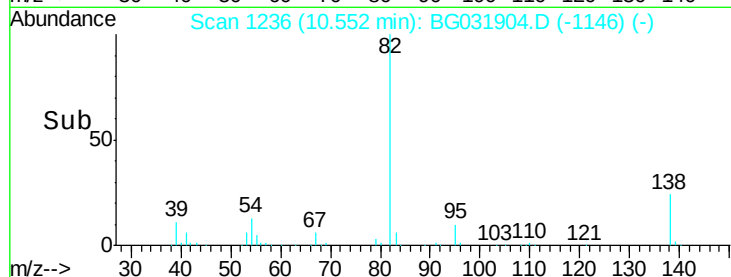
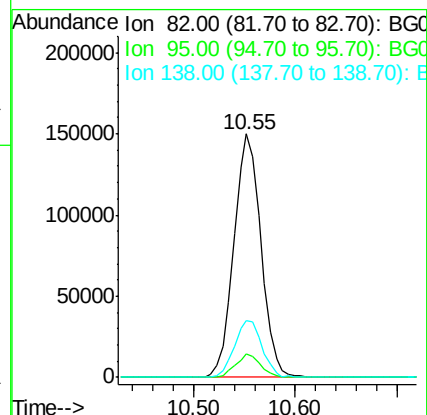
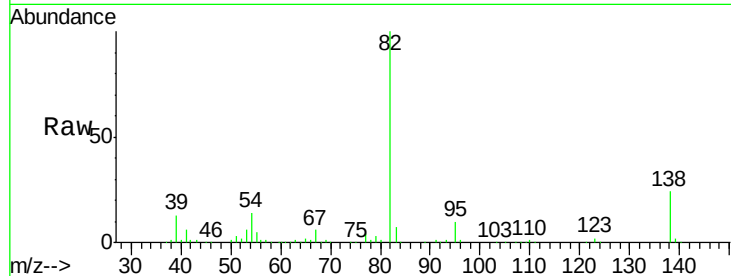
Tgt Ion: 82 Resp: 276548

Ion Ratio Lower Upper

82 100

95 9.9 6.2 9.2#

138 23.6 12.1 18.1#



#26

2-Nitrophenol

Concen: 56.970 ng

RT: 10.76 min Scan# 1271

Delta R.T. -0.00 min

Lab File: BG031904.D

Acq: 4 Jan 2018 00:07

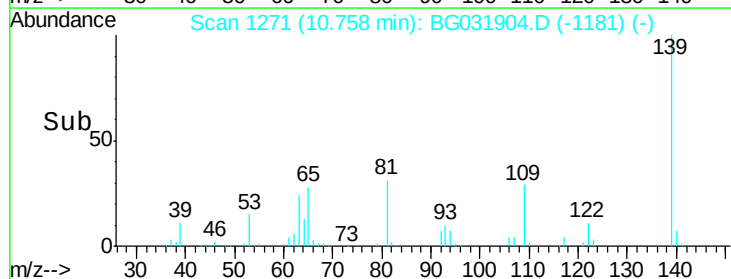
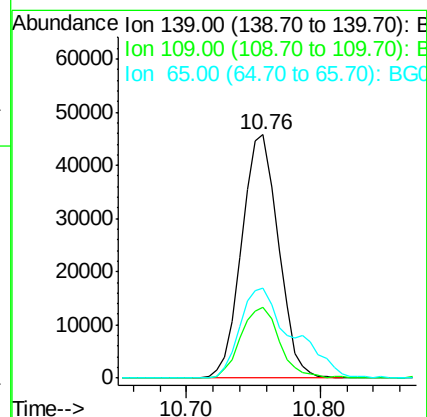
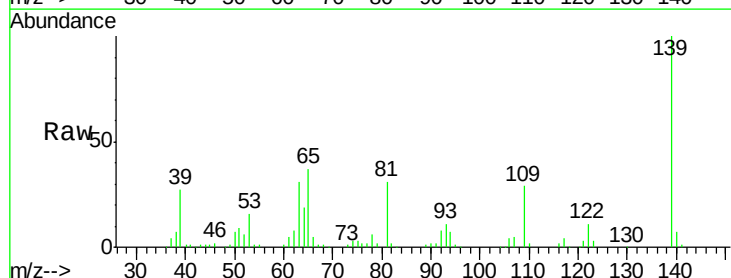
Tgt Ion: 139 Resp: 86969

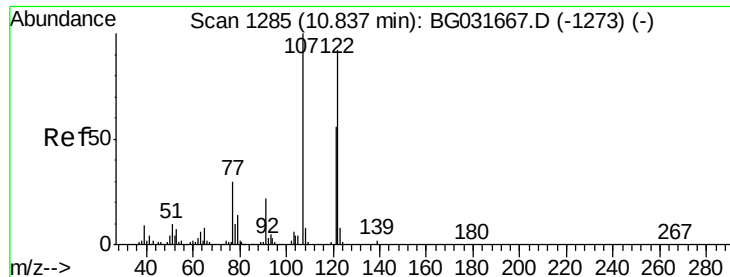
Ion Ratio Lower Upper

139 100

109 29.2 24.2 36.2

65 37.1 47.4 71.0#

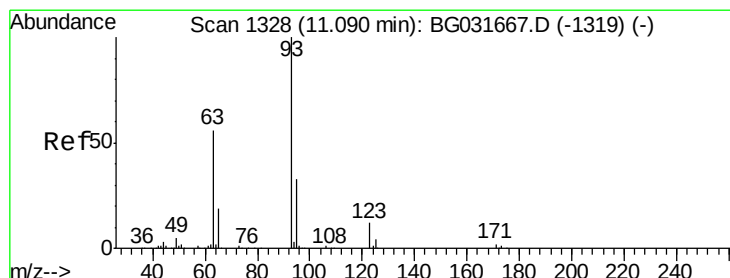
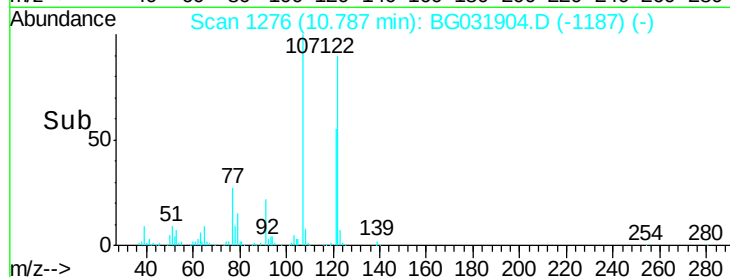
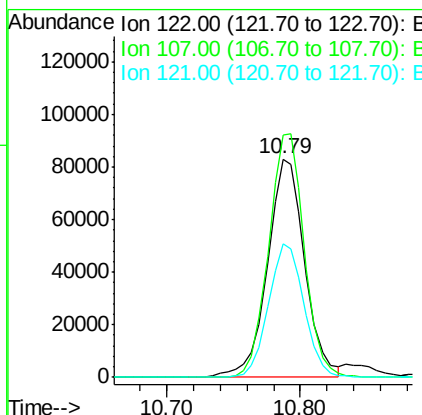
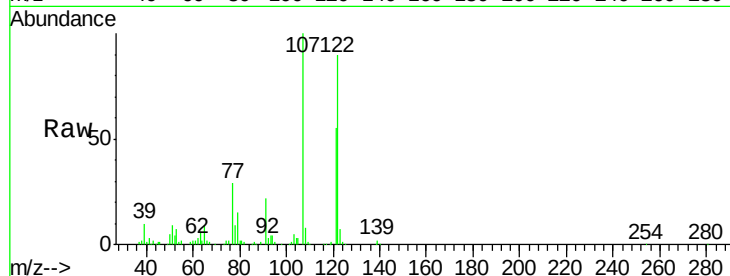




#27
2,4-Dimethylphenol
Concen: 50.108 ng
RT: 10.79 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BG031904.D
Acq: 4 Jan 2018 00:07

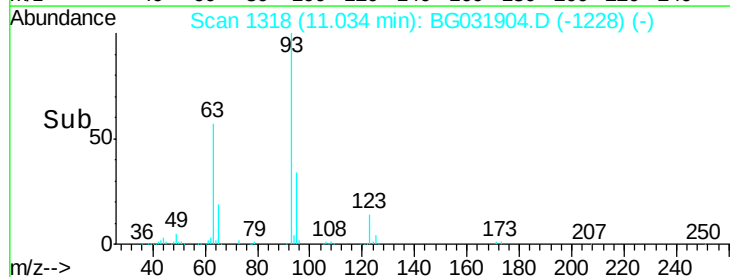
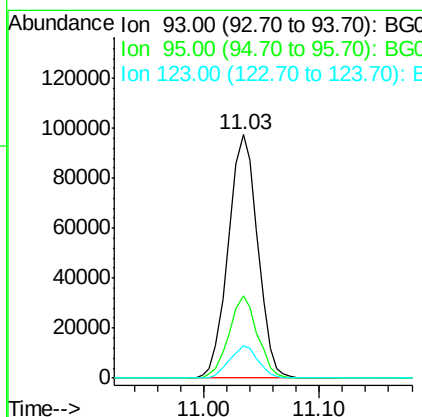
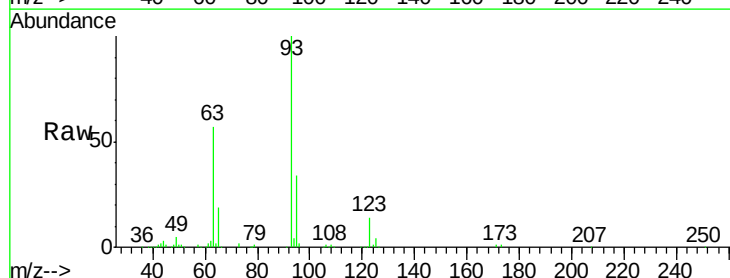
Instrument :
BNA_G
ClientSampleId :
OWS-1MSD

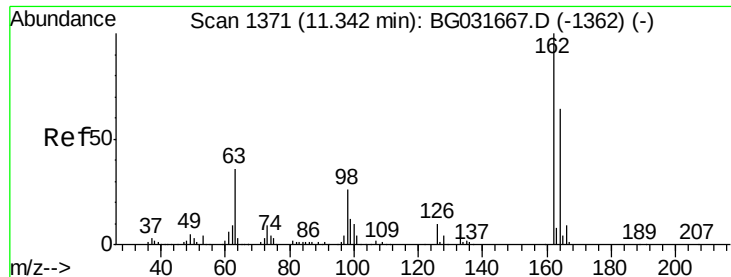
Tgt Ion:122 Resp: 160964
Ion Ratio Lower Upper
122 100
107 111.1 100.2 150.2
121 61.3 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 42.113 ng
RT: 11.03 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG031904.D
Acq: 4 Jan 2018 00:07

Tgt Ion: 93 Resp: 171844
Ion Ratio Lower Upper
93 100
95 33.8 24.3 36.5
123 13.5 8.4 12.6#

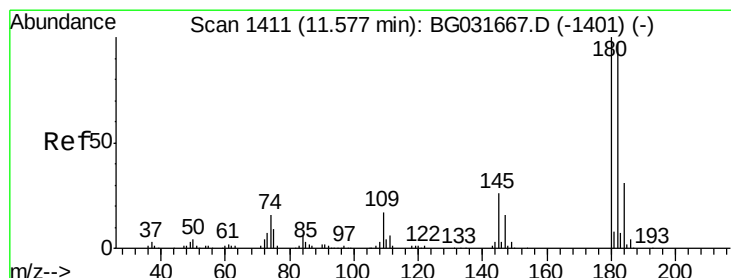
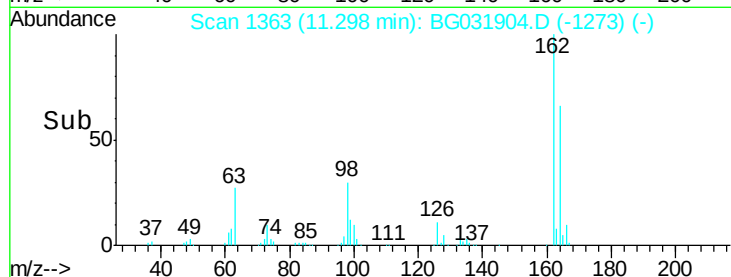
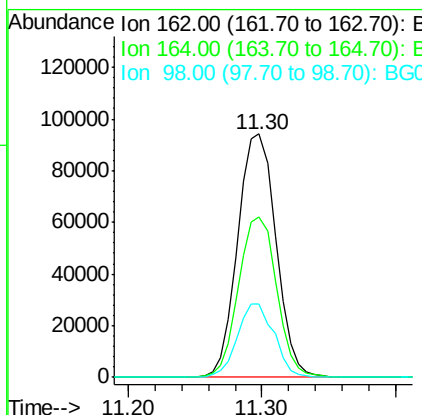
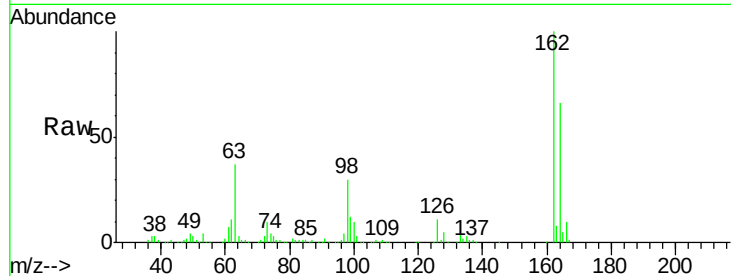




#29
2,4-Dichlorophenol
Concen: 49.675 ng
RT: 11.30 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BG031904.D
Acq: 4 Jan 2018 00:07

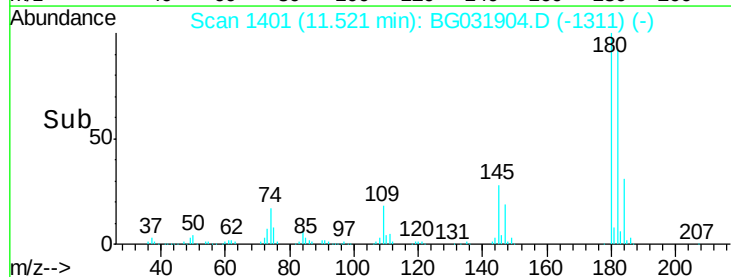
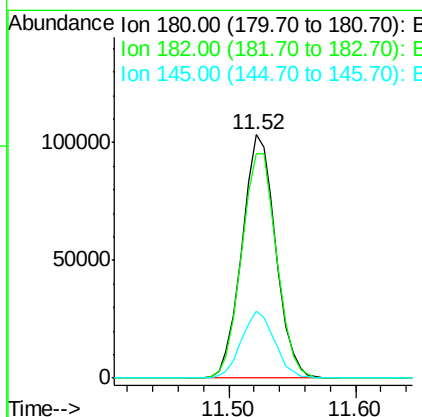
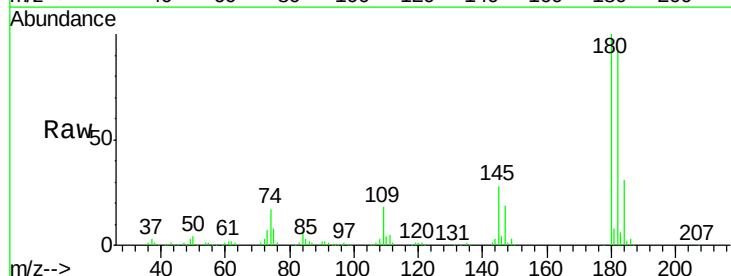
Instrument :
BNA_G
ClientSampleId :
OWS-1MSD

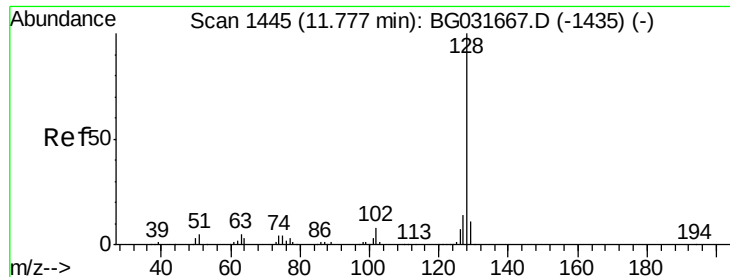
Tgt Ion:162 Resp: 187331
Ion Ratio Lower Upper
162 100
164 65.8 48.0 88.0
98 30.0 21.1 61.1



#30
1,2,4-Trichlorobenzene
Concen: 41.334 ng
RT: 11.52 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BG031904.D
Acq: 4 Jan 2018 00:07

Tgt Ion:180 Resp: 190326
Ion Ratio Lower Upper
180 100
182 92.2 77.5 116.3
145 27.6 23.4 35.2

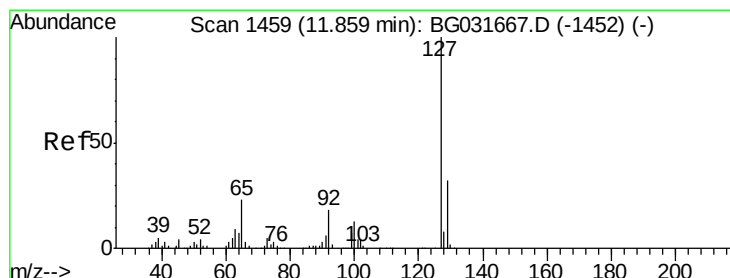
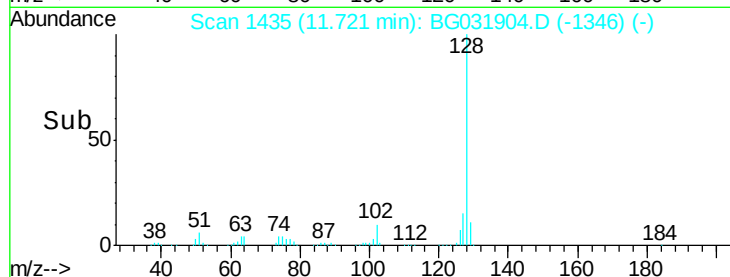
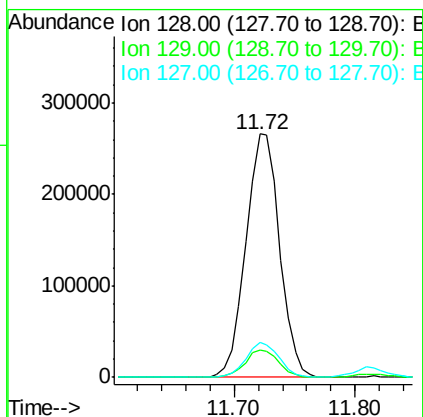
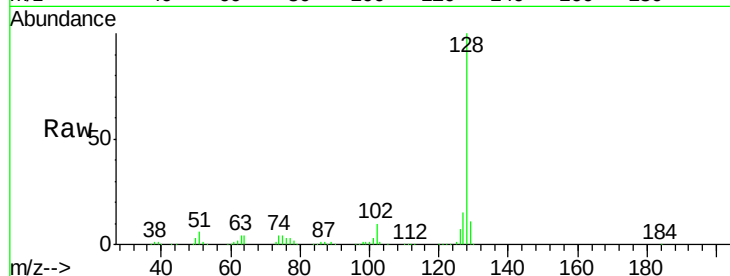




#31
Naphthalene
Concen: 47.908 ng
RT: 11.72 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BG031904.D
Acq: 4 Jan 2018 00:07

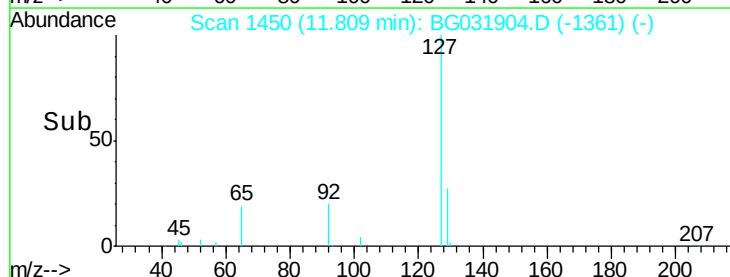
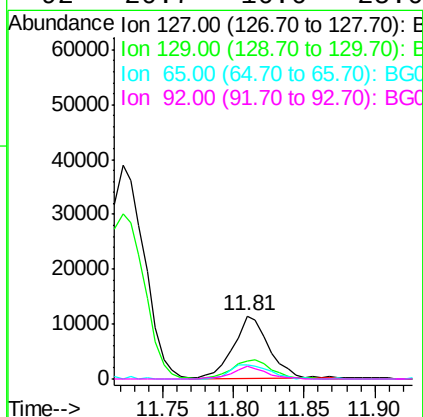
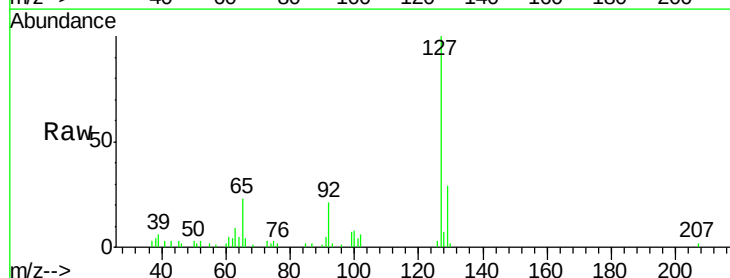
Instrument :
BNA_G
ClientSampleId :
OWS-1MSD

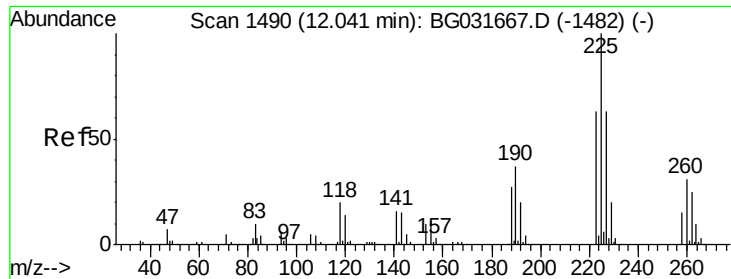
Tgt Ion:128 Resp: 515771
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 14.6 11.6 17.4



#33
4-Chloroaniline
Concen: 4.180 ng
RT: 11.81 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BG031904.D
Acq: 4 Jan 2018 00:07

Tgt Ion:127 Resp: 20035
Ion Ratio Lower Upper
127 100
129 29.1 24.0 36.0
65 22.8 27.0 40.4#
92 20.7 16.6 25.0





#34

Hexachlorobutadiene

Concen: 39.821 ng

RT: 11.99 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BG031904.D

Acq: 4 Jan 2018 00:07

Instrument :

BNA_G

ClientSampleId :

OWS-1MSD

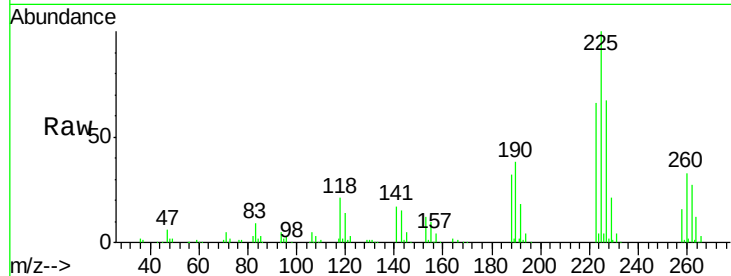
Tgt Ion:225 Resp: 125879

Ion Ratio Lower Upper

225 100

223 65.5 49.7 74.5

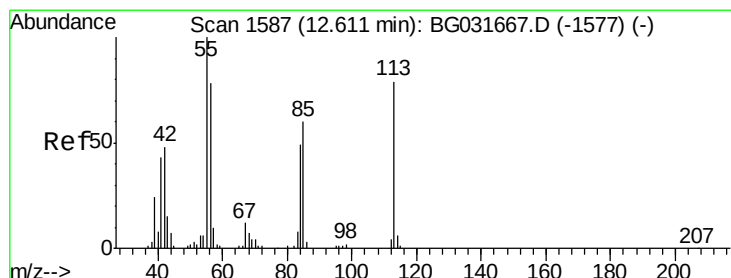
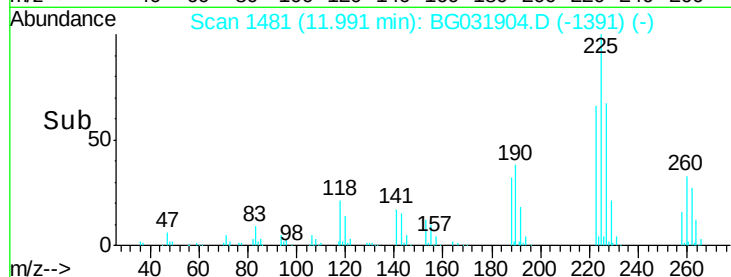
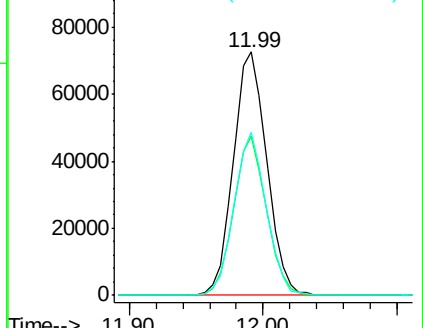
227 67.2 48.1 72.1



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 38.374 ng

RT: 12.56 min Scan# 1578

Delta R.T. -0.02 min

Lab File: BG031904.D

Acq: 4 Jan 2018 00:07

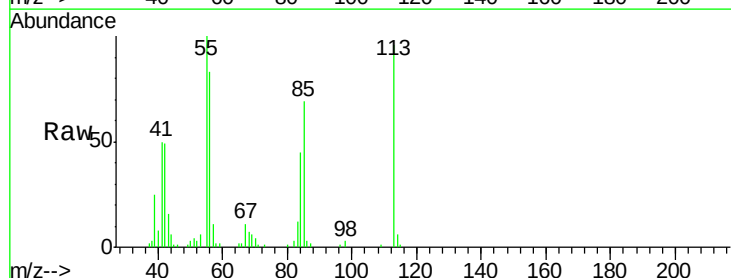
Tgt Ion:113 Resp: 43866

Ion Ratio Lower Upper

113 100

55 103.9 186.9 226.9#

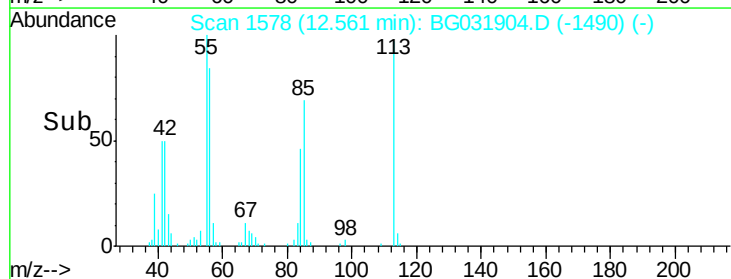
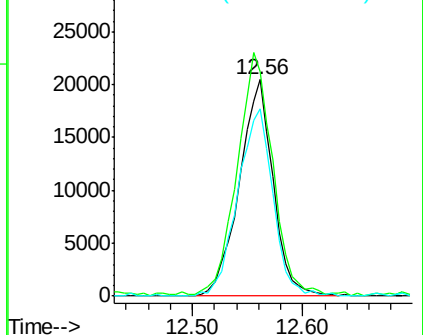
56 86.4 130.9 170.9#

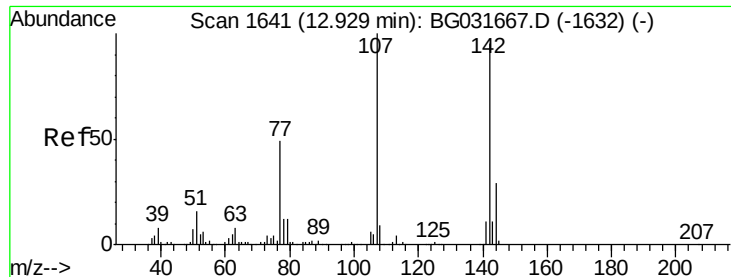


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC

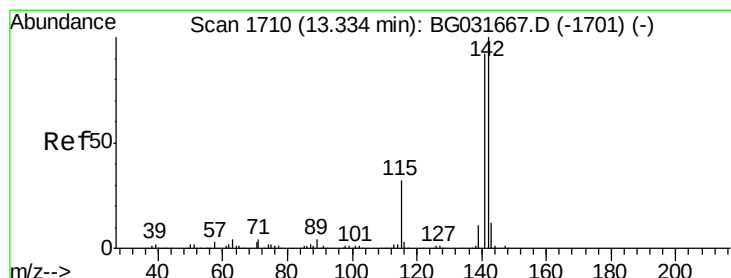
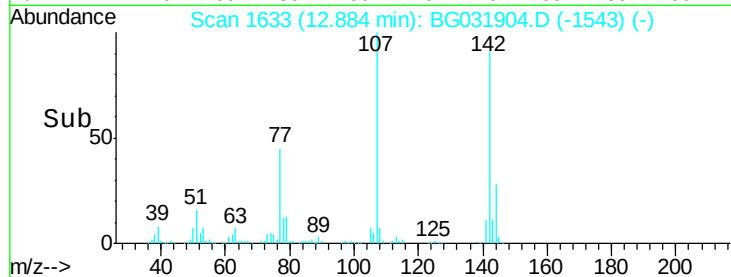
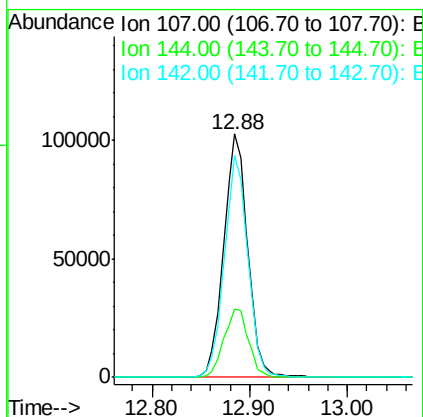
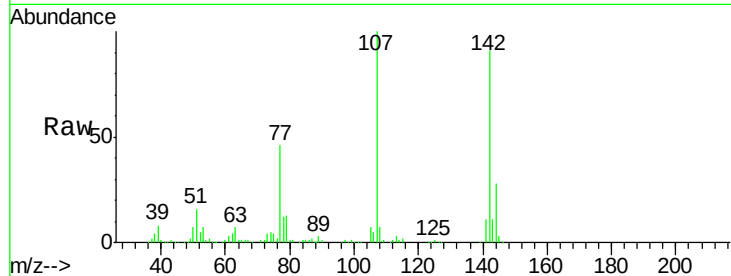




#36
 4-Chloro-3-methylphenol
 Concen: 50.006 ng
 RT: 12.88 min Scan# 1633
 Delta R.T. -0.00 min
 Lab File: BG031904.D
 Acq: 4 Jan 2018 00:07

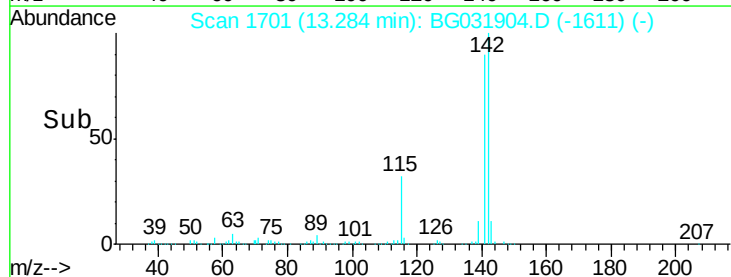
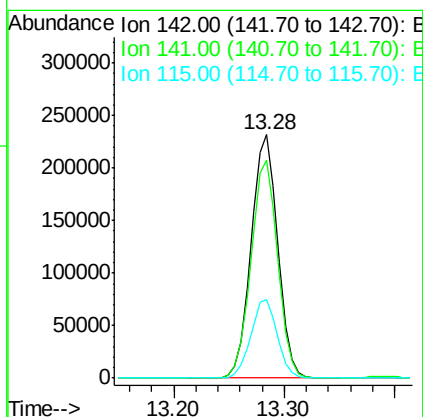
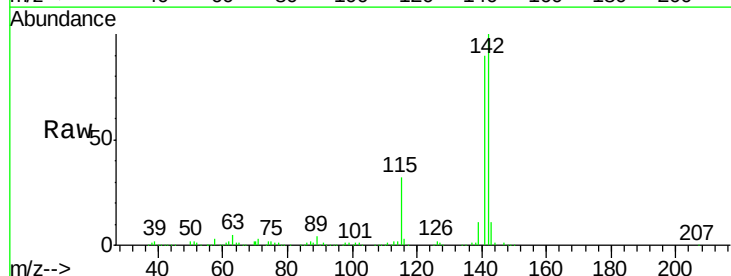
Instrument :
 BNA_G
 ClientSampleId :
 OWS-1MSD

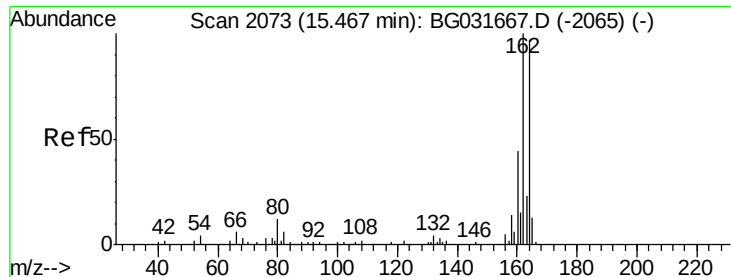
Tgt Ion:107 Resp: 174165
 Ion Ratio Lower Upper
 107 100
 144 28.1 18.2 27.4#
 142 91.2 59.0 88.4#



#37
 2-Methylnaphthalene
 Concen: 44.781 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG031904.D
 Acq: 4 Jan 2018 00:07

Tgt Ion:142 Resp: 390830
 Ion Ratio Lower Upper
 142 100
 141 89.5 67.1 100.7
 115 32.0 30.7 46.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.42 min Scan# 2064

Delta R.T. -0.01 min

Lab File: BG031904.D

Acq: 4 Jan 2018 00:07

Instrument :

BNA_G

ClientSampleId :

OWS-1MSD

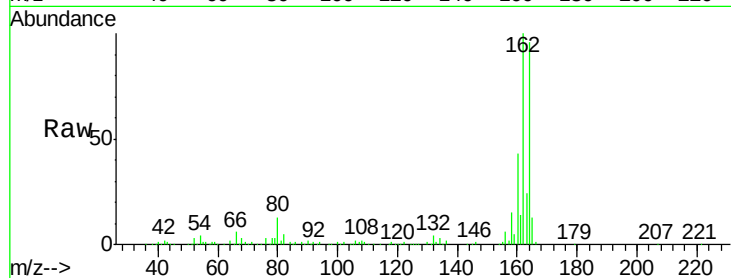
Tgt Ion:164 Resp: 149665

Ion Ratio Lower Upper

164 100

162 103.6 78.8 118.2

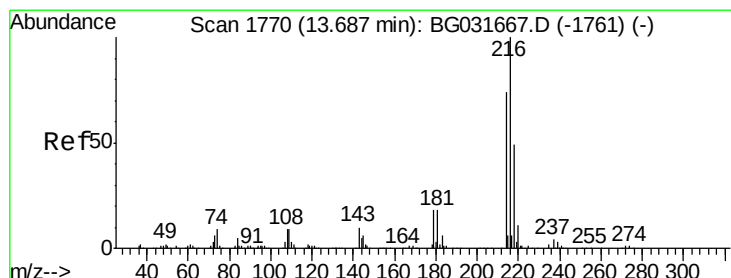
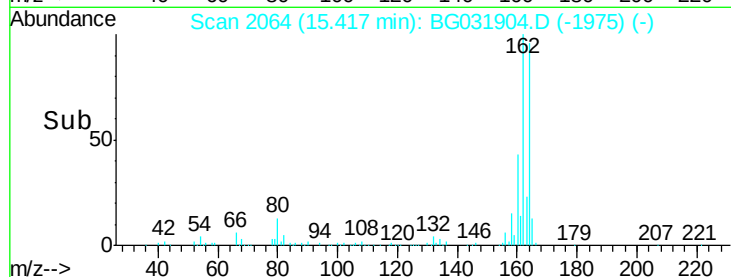
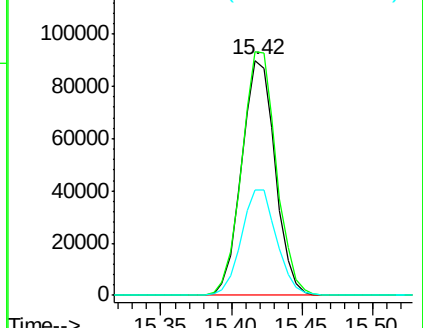
160 45.0 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.881 ng

RT: 13.64 min Scan# 1761

Delta R.T. -0.00 min

Lab File: BG031904.D

Acq: 4 Jan 2018 00:07

Tgt Ion:216 Resp: 264019

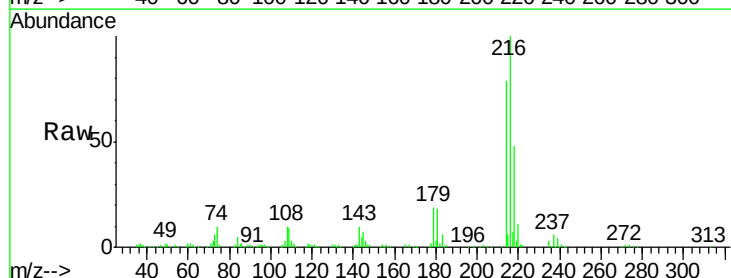
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.4

179 19.0 17.0 25.6

108 12.0 12.8 19.2#

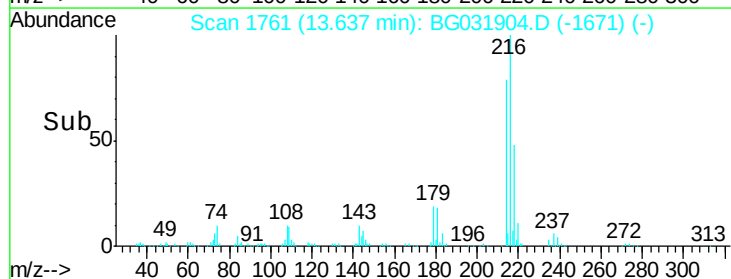
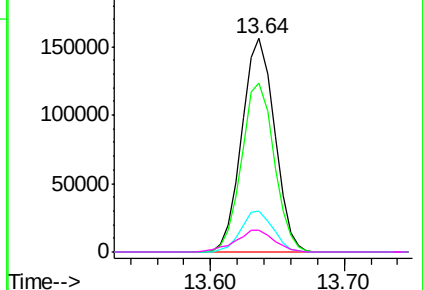


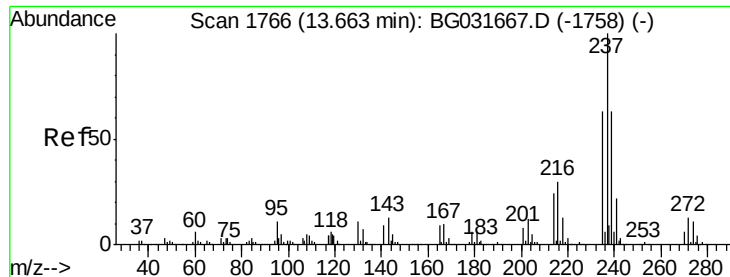
Abundance Ion 216.00 (215.70 to 216.70): E

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: 61.397 ng

RT: 13.61 min Scan# 1757

Delta R.T. -0.00 min

Lab File: BG031904.D

Acq: 4 Jan 2018 00:07

Instrument :

BNA_G

ClientSampleId :

OWS-1MSD

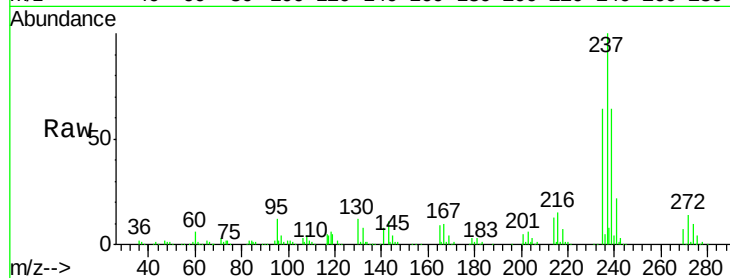
Tgt Ion:237 Resp: 204182

Ion Ratio Lower Upper

237 100

235 63.5 50.4 90.4

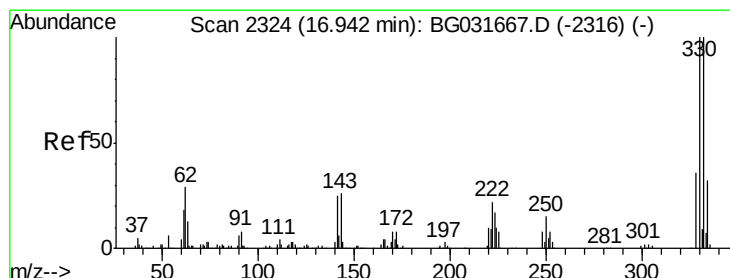
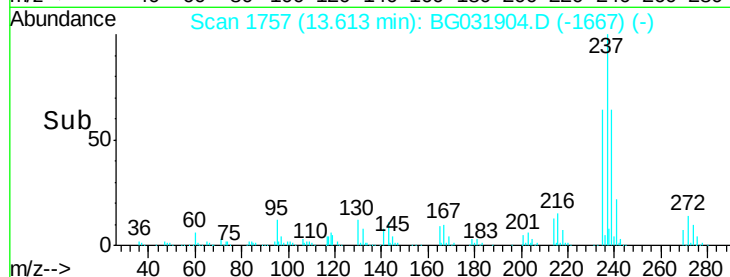
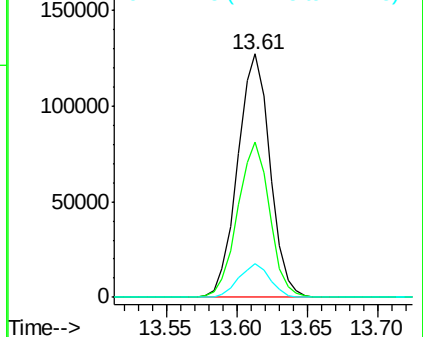
272 13.6 0.0 31.8



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: 150.310 ng

RT: 16.89 min Scan# 2315

Delta R.T. -0.00 min

Lab File: BG031904.D

Acq: 4 Jan 2018 00:07

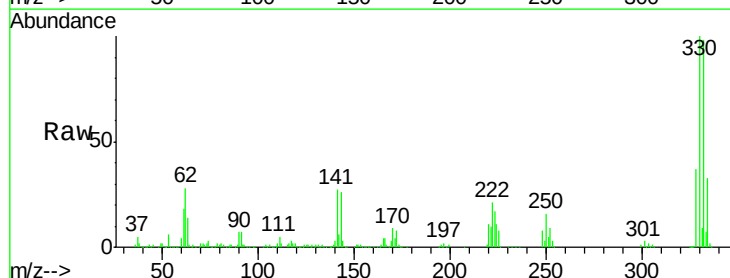
Tgt Ion:330 Resp: 343261

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

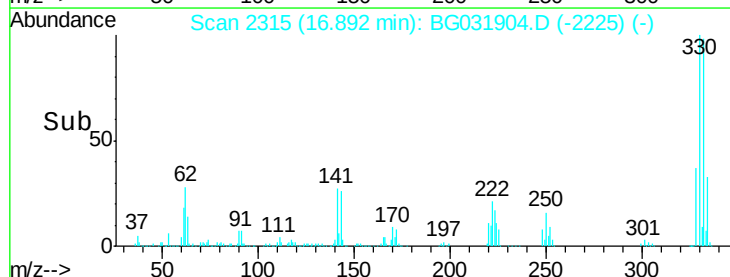
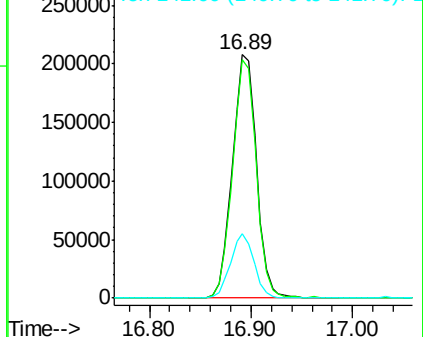
141 26.1 25.2 37.8

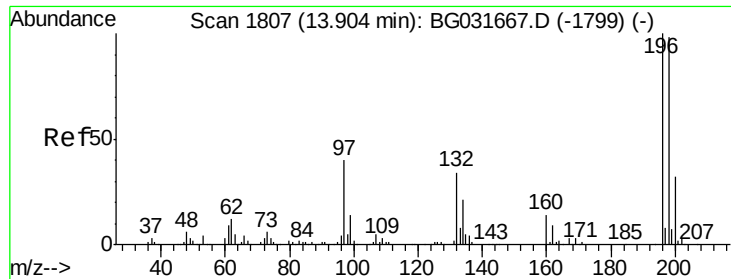


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

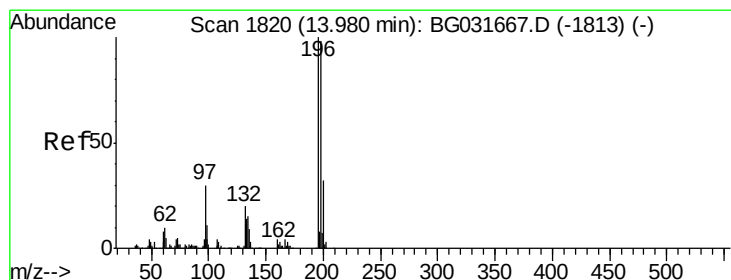
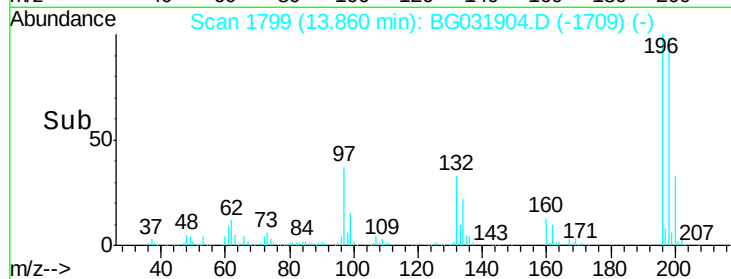
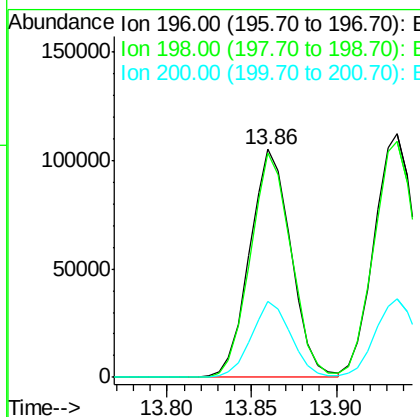
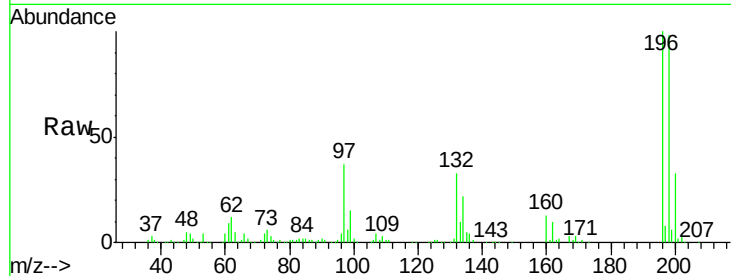




#42
 2,4,6-Trichlorophenol
 Concen: 49.190 ng
 RT: 13.86 min Scan# 1799
 Delta R.T. -0.00 min
 Lab File: BG031904.D
 Acq: 4 Jan 2018 00:07

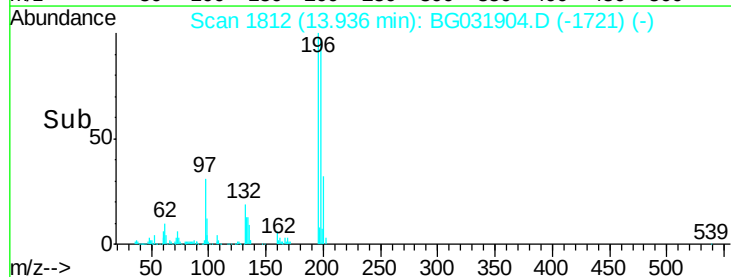
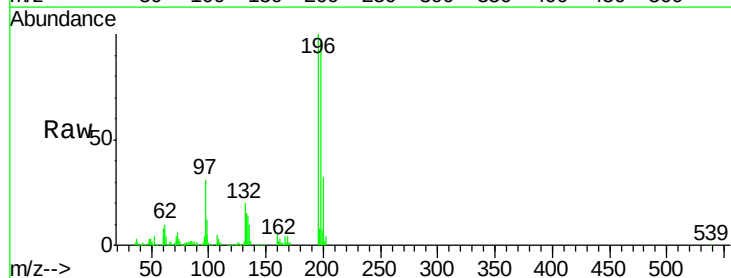
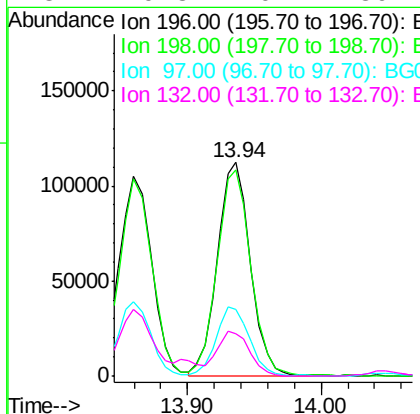
Instrument :
 BNA_G
 ClientSampleId :
 OWS-1MSD

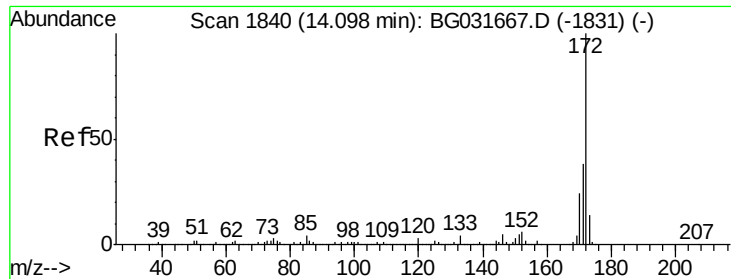
Tgt Ion:196 Resp: 178789
 Ion Ratio Lower Upper
 196 100
 198 98.5 78.2 117.2
 200 33.1 24.6 36.8



#43
 2,4,5-Trichlorophenol
 Concen: 48.231 ng
 RT: 13.94 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: BG031904.D
 Acq: 4 Jan 2018 00:07

Tgt Ion:196 Resp: 194272
 Ion Ratio Lower Upper
 196 100
 198 96.7 76.2 114.4
 97 31.4 38.7 58.1#
 132 19.8 20.2 30.2#

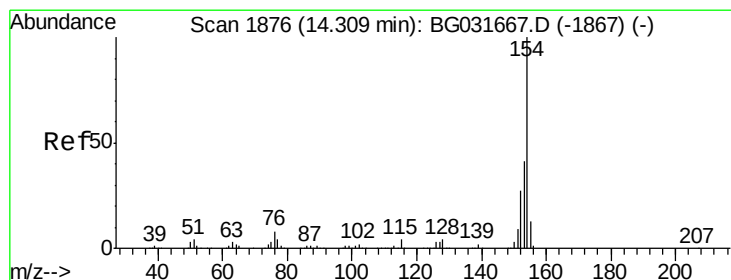
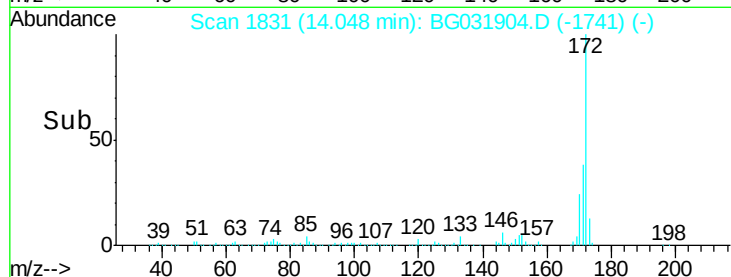
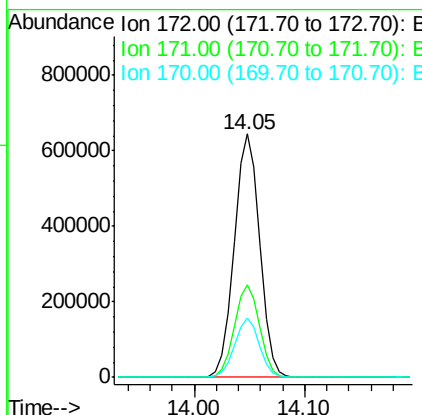
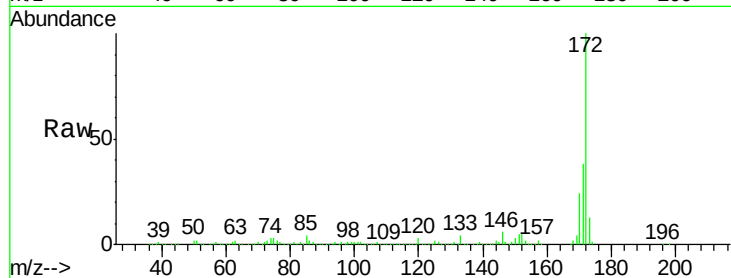




#44
 2-Fluorobiphenyl
 Concen: 87.427 ng
 RT: 14.05 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BG031904.D
 Acq: 4 Jan 2018 00:07

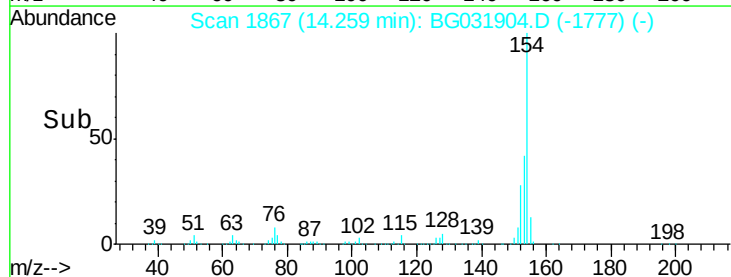
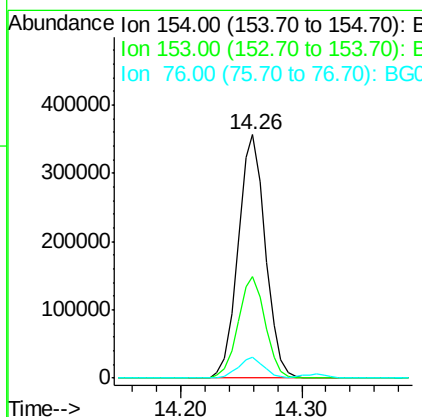
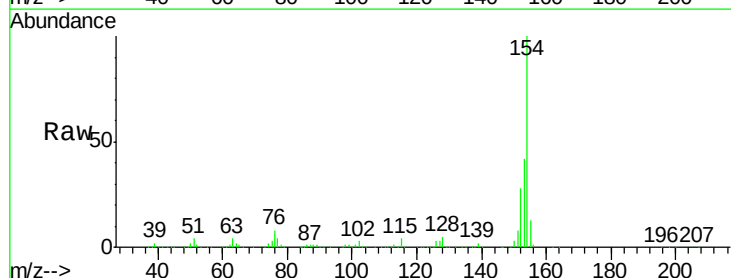
Instrument :
 BNA_G
 ClientSampleId :
 OWS-1MSD

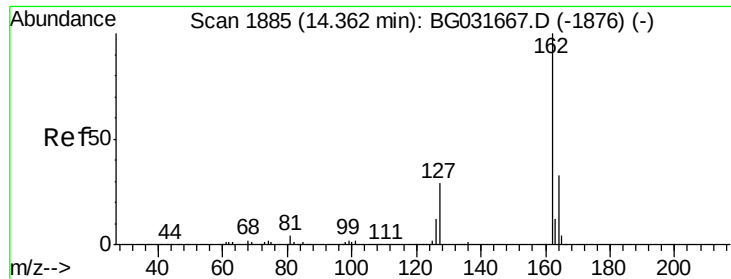
Tgt Ion:172 Resp: 1042496
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.0 45.0
 170 24.2 19.5 29.3



#45
 1,1'-Biphenyl
 Concen: 43.612 ng
 RT: 14.26 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: BG031904.D
 Acq: 4 Jan 2018 00:07

Tgt Ion:154 Resp: 557487
 Ion Ratio Lower Upper
 154 100
 153 41.9 19.8 59.8
 76 8.4 0.0 31.9

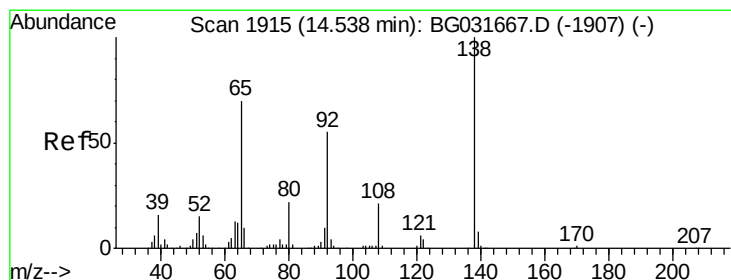
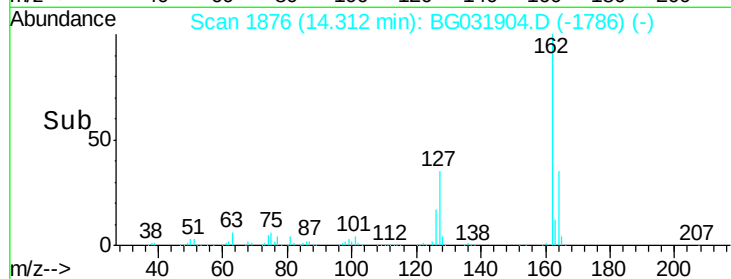
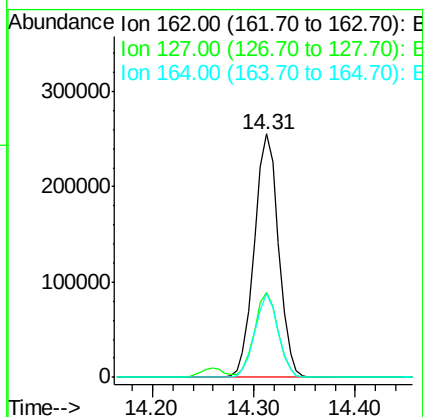
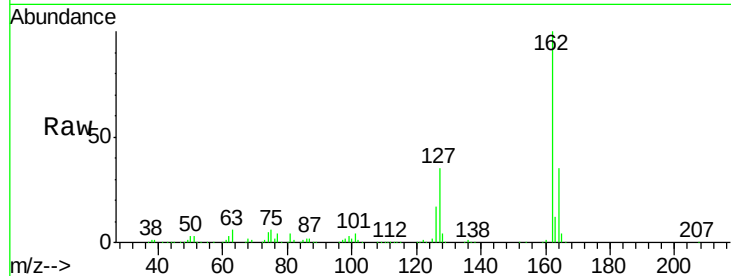




#46
 2-Chloronaphthalene
 Concen: 43.254 ng
 RT: 14.31 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: BG031904.D
 Acq: 4 Jan 2018 00:07

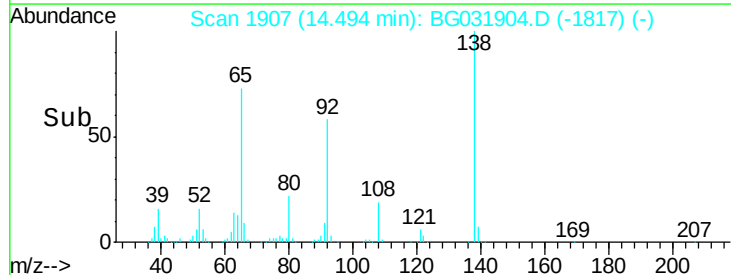
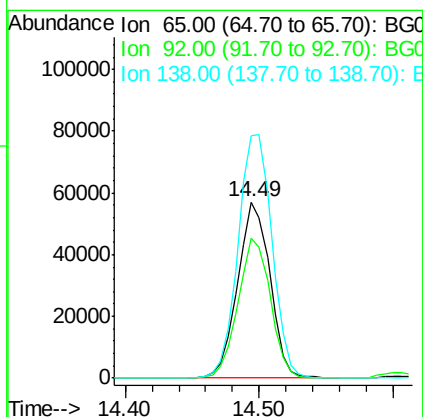
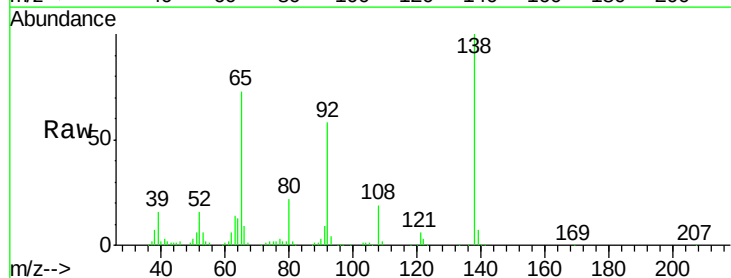
Instrument :
 BNA_G
 ClientSampleId :
 OWS-1MSD

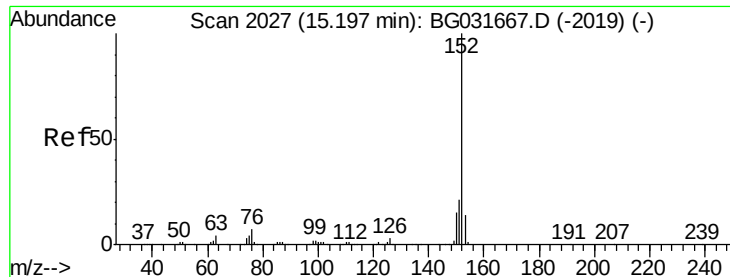
Tgt Ion: 162 Resp: 421734
 Ion Ratio Lower Upper
 162 100
 127 34.8 30.7 46.1
 164 34.5 26.0 39.0



#47
 2-Nitroaniline
 Concen: 56.526 ng
 RT: 14.49 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: BG031904.D
 Acq: 4 Jan 2018 00:07

Tgt Ion: 65 Resp: 95186
 Ion Ratio Lower Upper
 65 100
 92 79.6 54.6 82.0
 138 137.6 72.9 109.3#





#48

Acenaphthylene

Concen: 42.095 ng

RT: 15.15 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BG031904.D

Acq: 4 Jan 2018 00:07

Instrument :

BNA_G

ClientSampleId :

OWS-1MSD

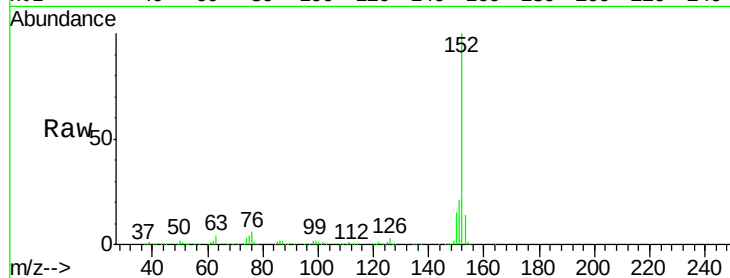
Tgt Ion:152 Resp: 656628

Ion Ratio Lower Upper

152 100

151 21.0 17.2 25.8

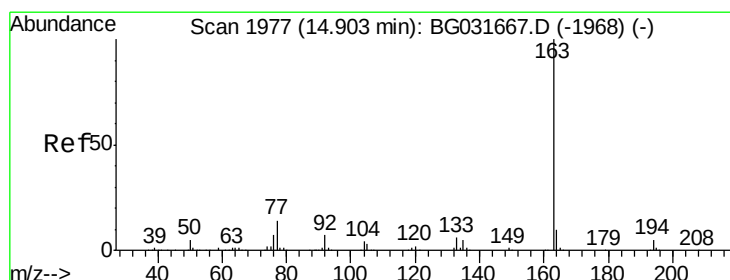
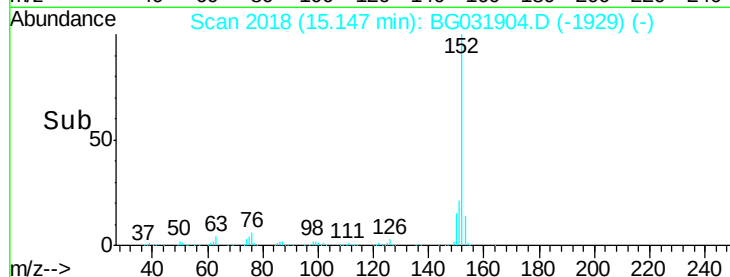
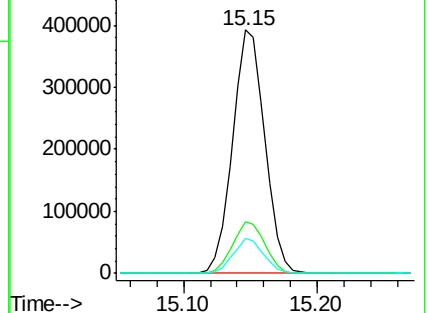
153 14.4 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 44.709 ng

RT: 14.85 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BG031904.D

Acq: 4 Jan 2018 00:07

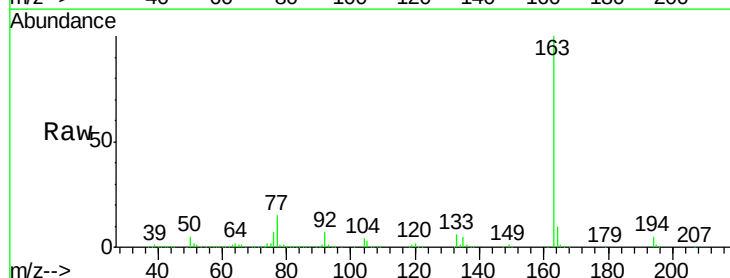
Tgt Ion:163 Resp: 589481

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

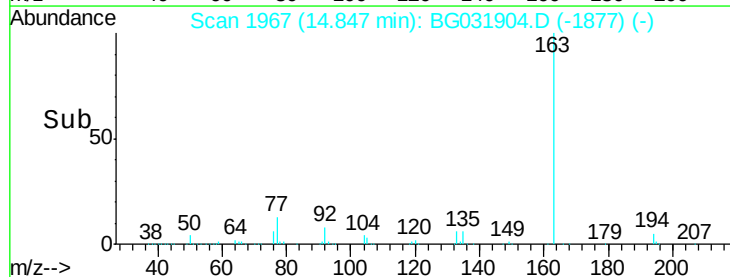
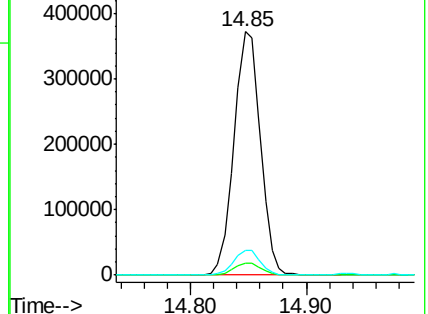
164 10.2 8.2 12.4

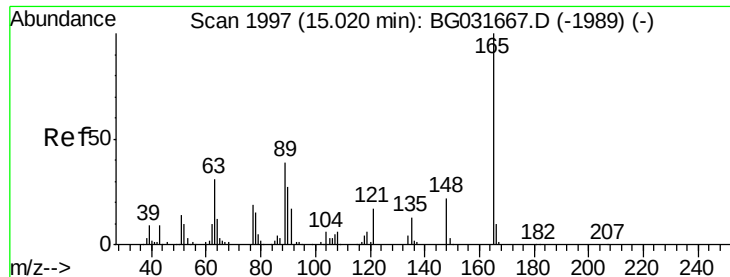


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

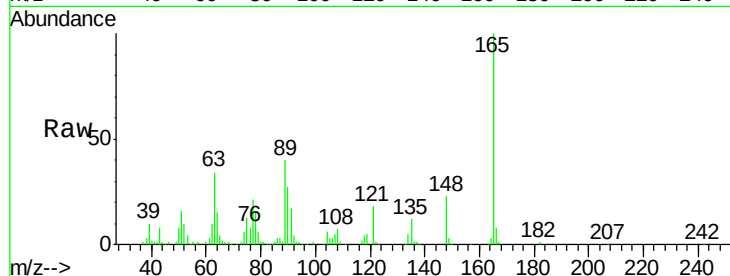




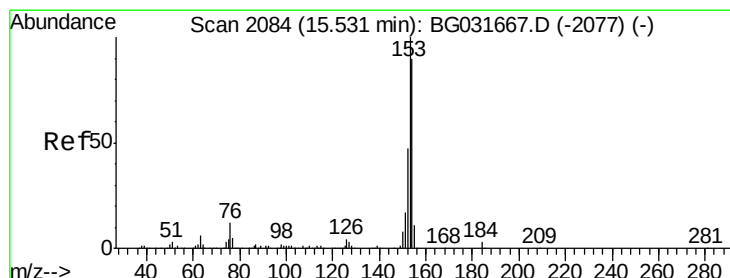
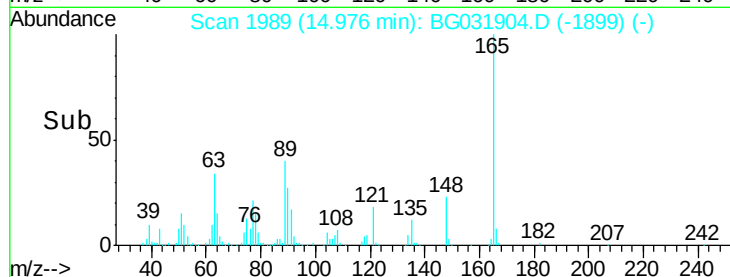
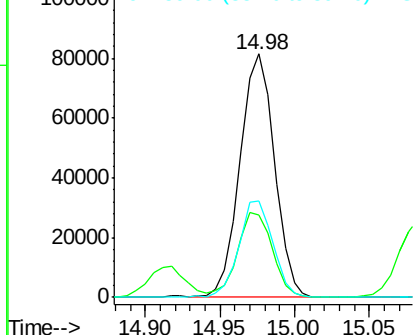
#50
2,6-Dinitrotoluene
Concen: 54.029 ng
RT: 14.98 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BG031904.D
Acq: 4 Jan 2018 00:07

Instrument :
BNA_G
ClientSampleId :
OWS-1MSD

Tgt Ion:165 Resp: 131048
Ion Ratio Lower Upper
165 100
63 33.6 52.7 79.1#
89 39.5 49.2 73.8#

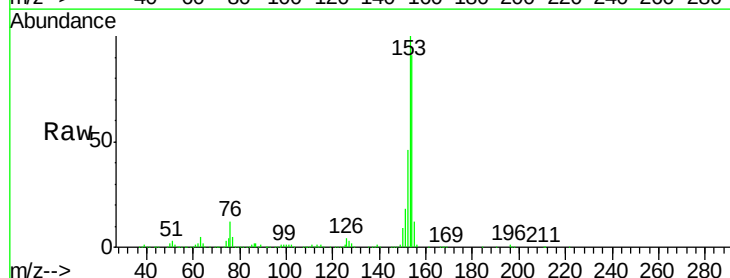


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

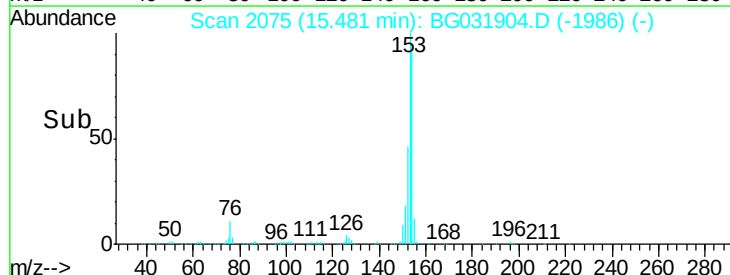
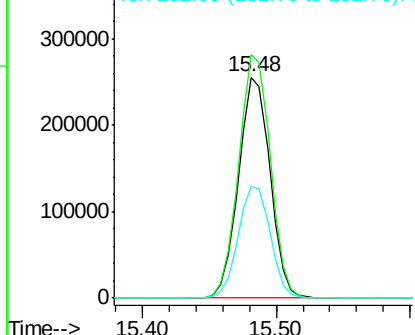


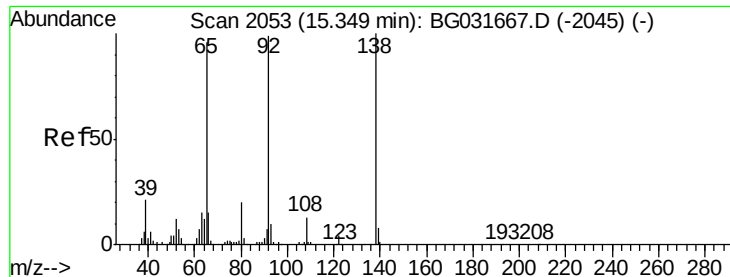
#51
Acenaphthene
Concen: 40.750 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BG031904.D
Acq: 4 Jan 2018 00:07

Tgt Ion:154 Resp: 416300
Ion Ratio Lower Upper
154 100
153 110.4 90.4 135.6
152 50.8 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: 11.892 ng

RT: 15.30 min Scan# 2044

Delta R.T. -0.01 min

Lab File: BG031904.D

Acq: 4 Jan 2018 00:07

Instrument :

BNA_G

ClientSampleId :

OWS-1MSD

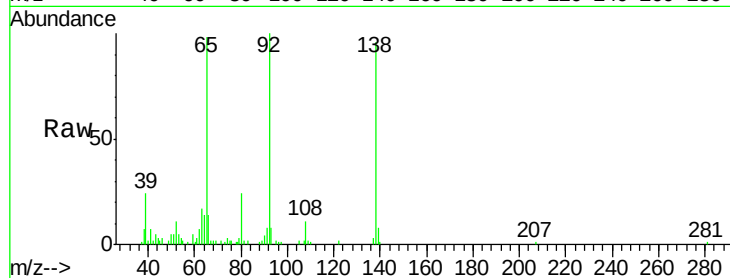
Tgt Ion:138 Resp: 28142

Ion Ratio Lower Upper

138 100

108 11.1 17.5 26.3#

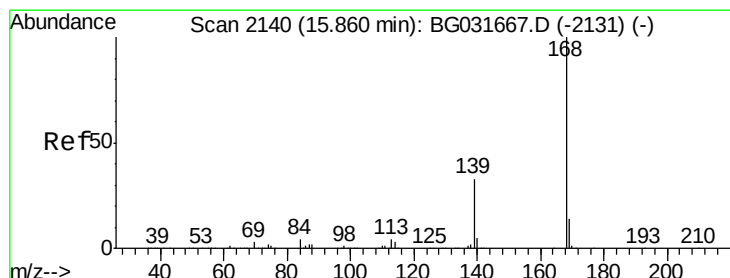
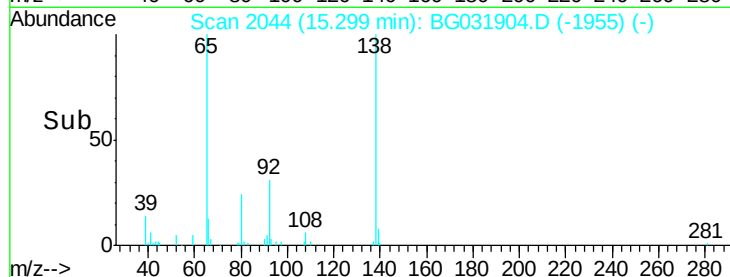
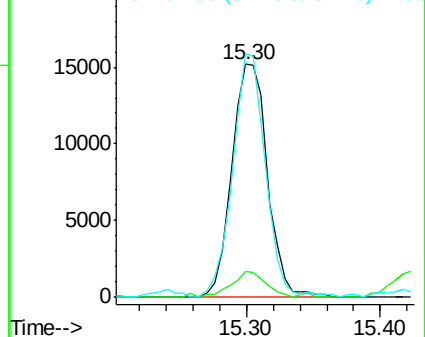
92 104.6 105.8 158.8#



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): BGC



#54

Dibenzofuran

Concen: 43.993 ng

RT: 15.81 min Scan# 2131

Delta R.T. -0.00 min

Lab File: BG031904.D

Acq: 4 Jan 2018 00:07

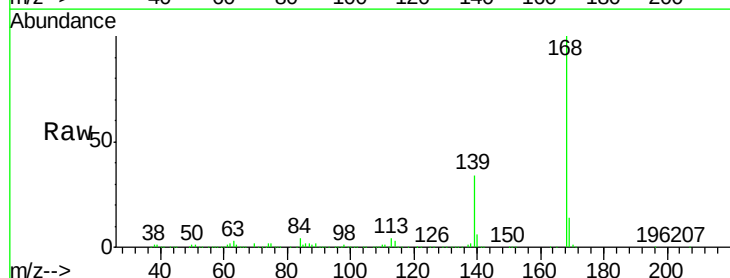
Tgt Ion:168 Resp: 688922

Ion Ratio Lower Upper

168 100

139 34.2 28.6 43.0

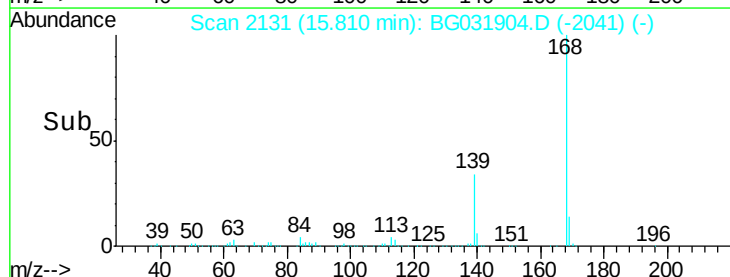
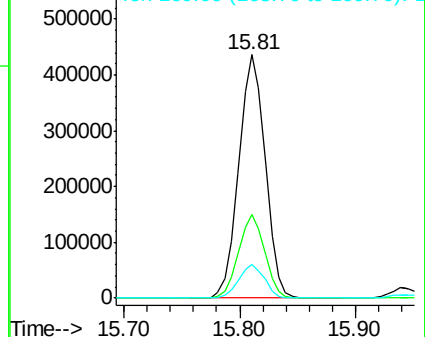
169 13.7 11.2 16.8

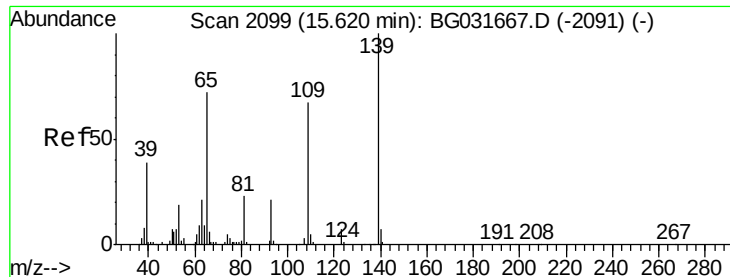


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 73.617 ng

RT: 15.58 min Scan# 2092

Delta R.T. -0.00 min

Lab File: BG031904.D

Acq: 4 Jan 2018 00:07

Instrument :

BNA_G

ClientSampleId :

OWS-1MSD

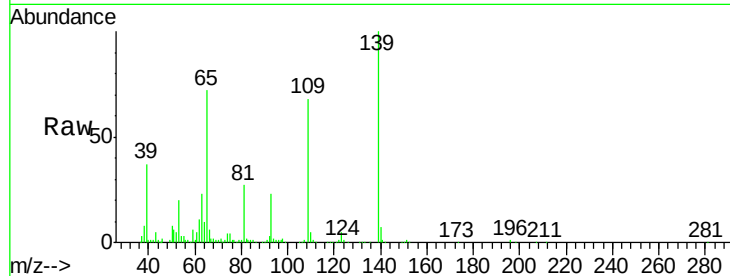
Tgt Ion:139 Resp: 141790

Ion Ratio Lower Upper

139 100

109 67.9 62.2 102.2

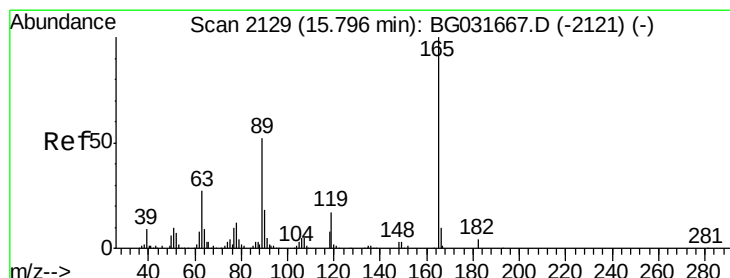
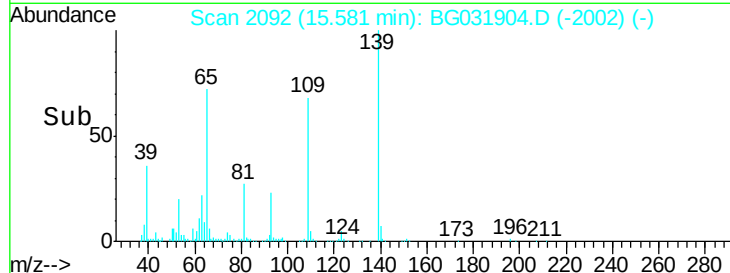
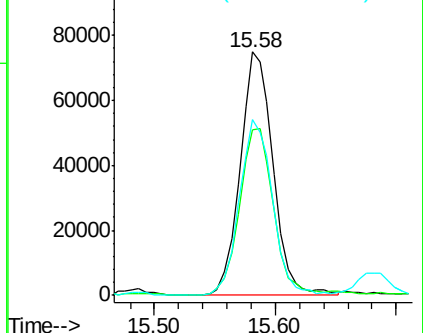
65 72.0 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 58.749 ng

RT: 15.75 min Scan# 2121

Delta R.T. -0.00 min

Lab File: BG031904.D

Acq: 4 Jan 2018 00:07

Tgt Ion:165 Resp: 183232

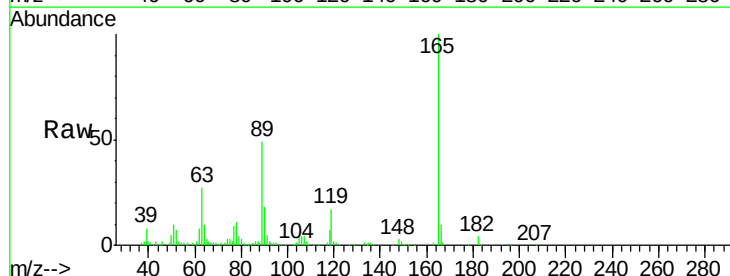
Ion Ratio Lower Upper

165 100

63 27.0 42.0 63.0#

89 49.0 66.9 100.3#

182 3.5 2.6 3.8

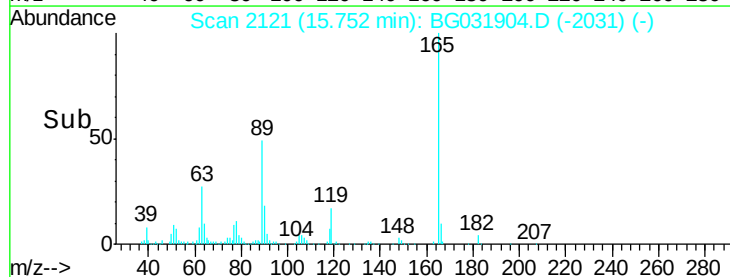
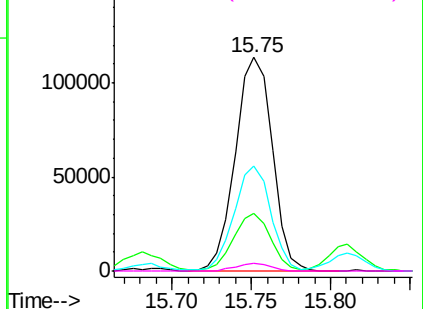


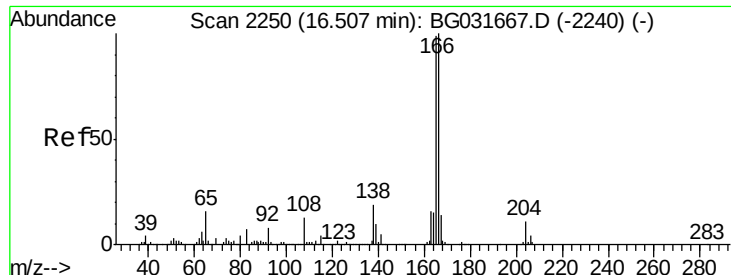
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

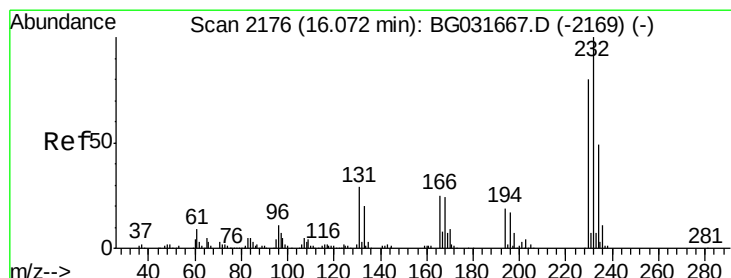
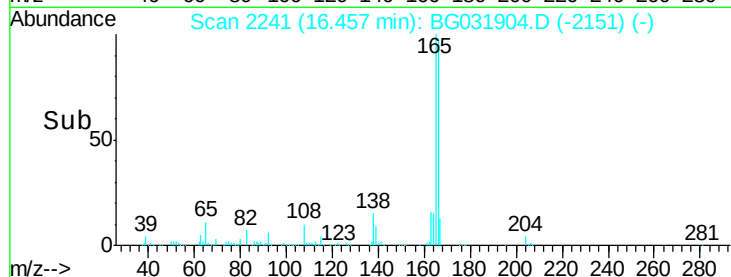
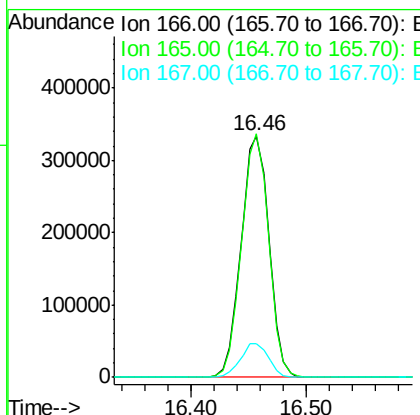
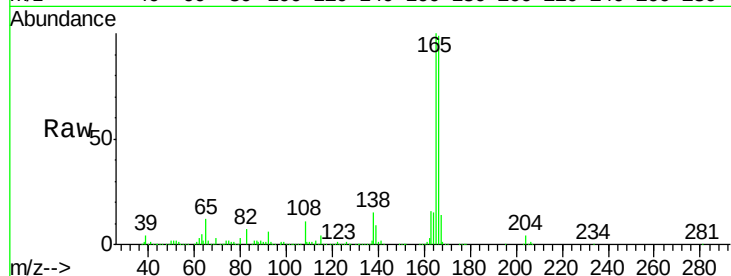




#57
 Fluorene
 Concen: 43.810 ng
 RT: 16.46 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: BG031904.D
 Acq: 4 Jan 2018 00:07

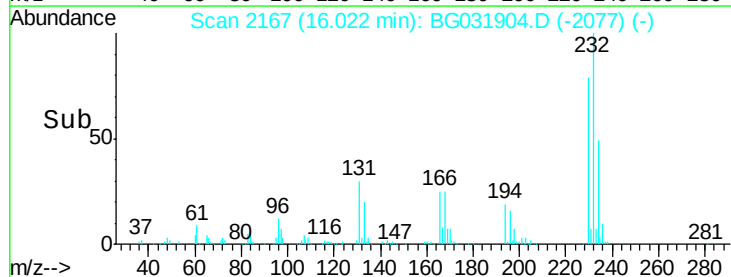
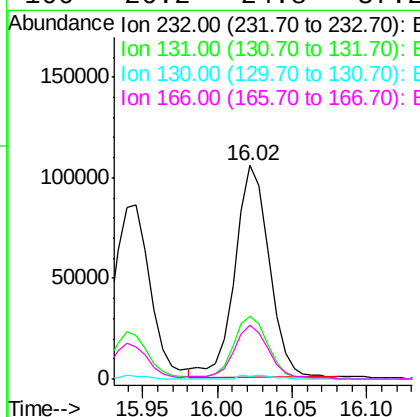
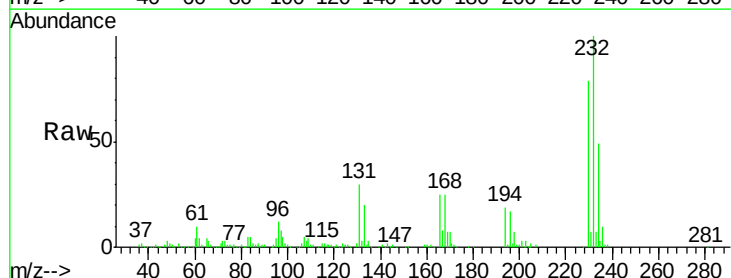
Instrument :
 BNA_G
 ClientSampleId :
 OWS-1MSD

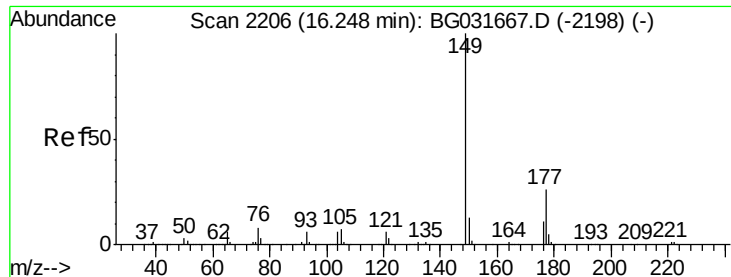
Tgt Ion:166 Resp: 557333
 Ion Ratio Lower Upper
 166 100
 165 100.8 80.6 121.0
 167 13.9 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.879 ng
 RT: 16.02 min Scan# 2167
 Delta R.T. -0.00 min
 Lab File: BG031904.D
 Acq: 4 Jan 2018 00:07

Tgt Ion:232 Resp: 168509
 Ion Ratio Lower Upper
 232 100
 131 30.2 33.5 50.3#
 130 1.6 2.2 3.2#
 166 26.2 24.8 37.2

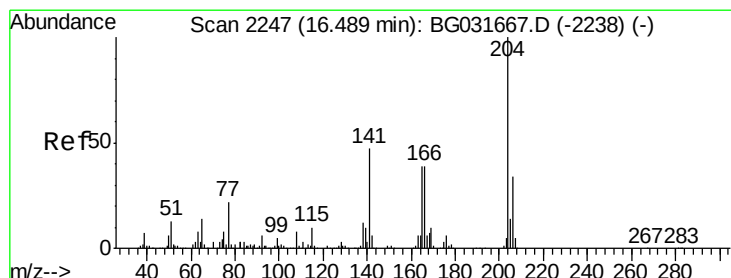
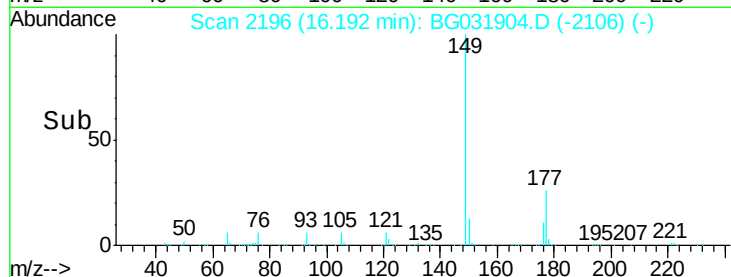
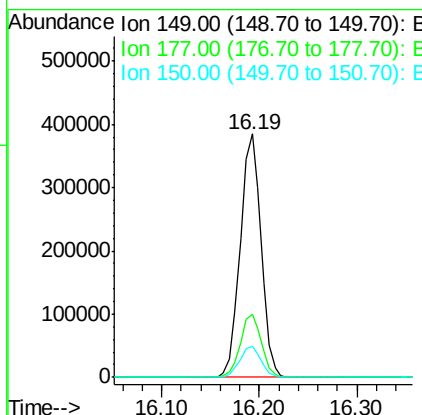
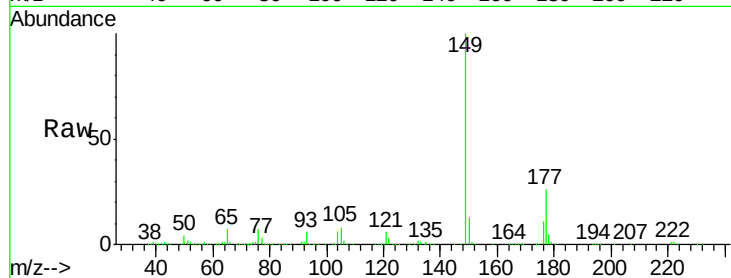




#59
Diethylphthalate
Concen: 44.252 ng
RT: 16.19 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG031904.D
Acq: 4 Jan 2018 00:07

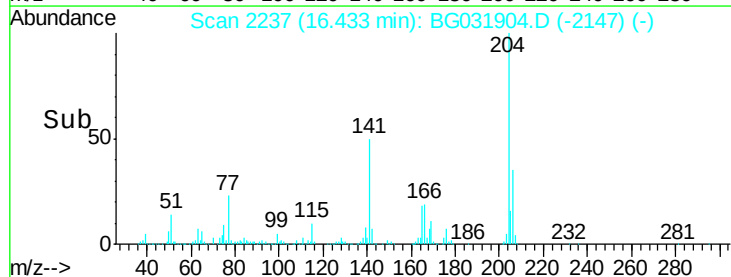
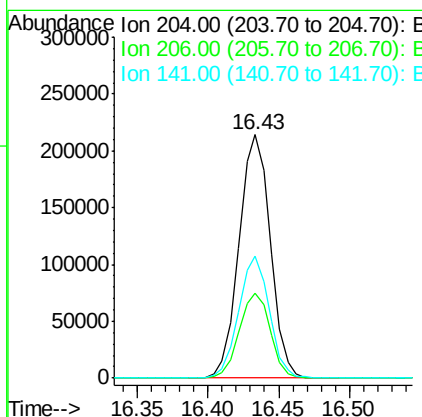
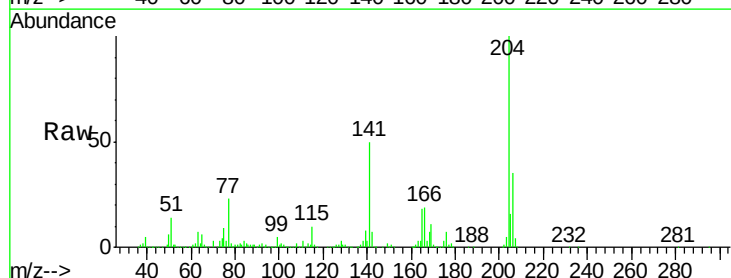
Instrument :
BNA_G
ClientSampleId :
OWS-1MSD

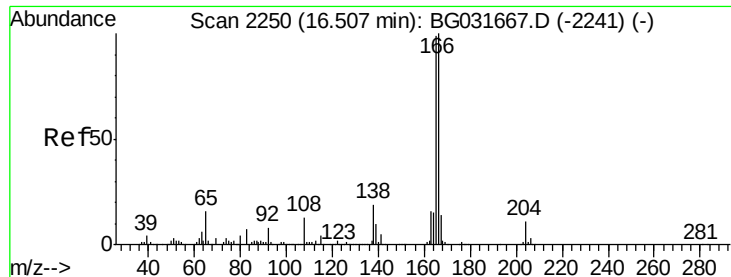
Tgt Ion:149 Resp: 568677
Ion Ratio Lower Upper
149 100
177 26.0 18.5 27.7
150 12.6 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 42.586 ng
RT: 16.43 min Scan# 2237
Delta R.T. -0.00 min
Lab File: BG031904.D
Acq: 4 Jan 2018 00:07

Tgt Ion:204 Resp: 331489
Ion Ratio Lower Upper
204 100
206 35.1 26.2 39.2
141 50.1 45.8 68.6





#61

4-Nitroaniline

Concen: 36.785 ng

RT: 16.46 min Scan# 2241

Delta R.T. -0.00 min

Lab File: BG031904.D

Acq: 4 Jan 2018 00:07

Instrument :

BNA_G

ClientSampleId :

OWS-1MSD

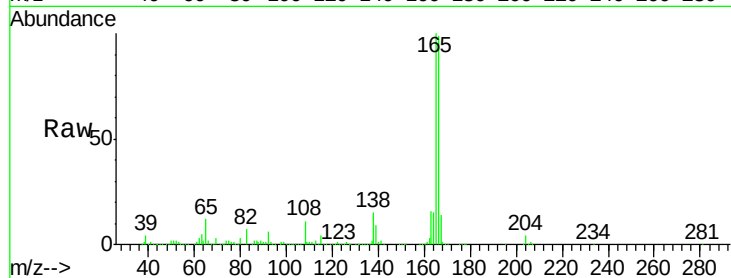
Tgt Ion:138 Resp: 84947

Ion Ratio Lower Upper

138 100

92 41.7 40.1 80.1

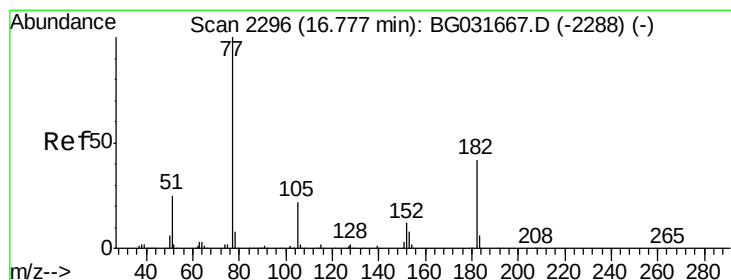
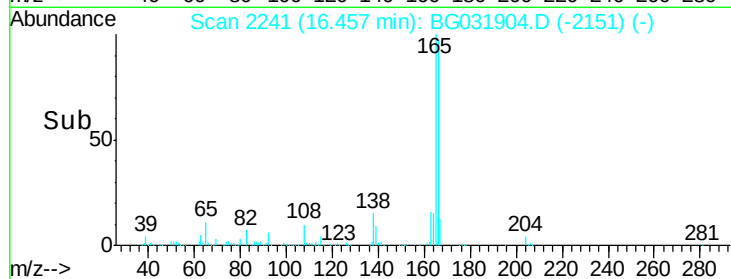
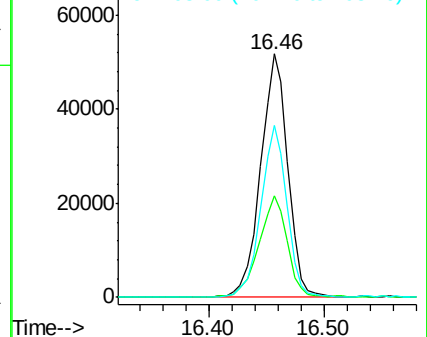
108 70.5 65.4 105.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.314 ng

RT: 16.73 min Scan# 2287

Delta R.T. -0.00 min

Lab File: BG031904.D

Acq: 4 Jan 2018 00:07

Tgt Ion: 77 Resp: 356970

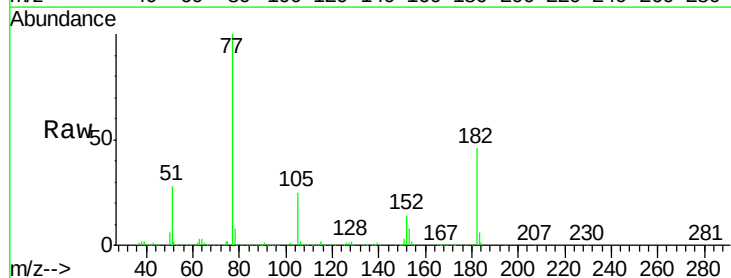
Ion Ratio Lower Upper

77 100

182 46.0 7.4 47.4

105 24.7 0.3 40.3

51 28.2 11.6 51.6

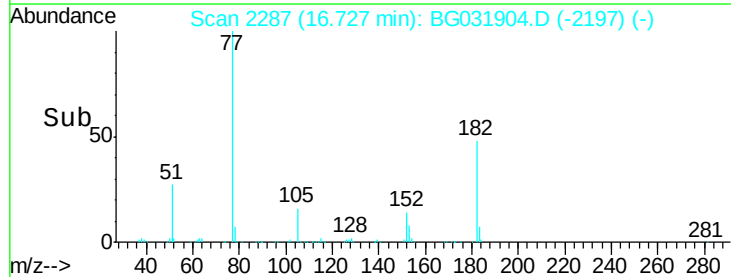
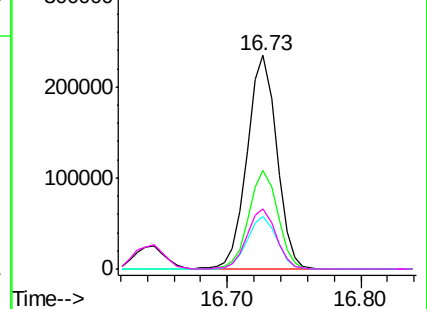


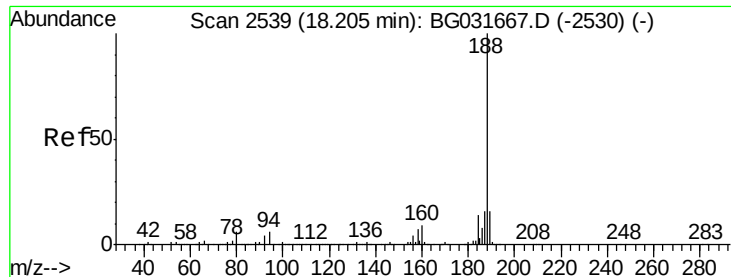
Abundance Ion 77.00 (76.70 to 77.70): BGC

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

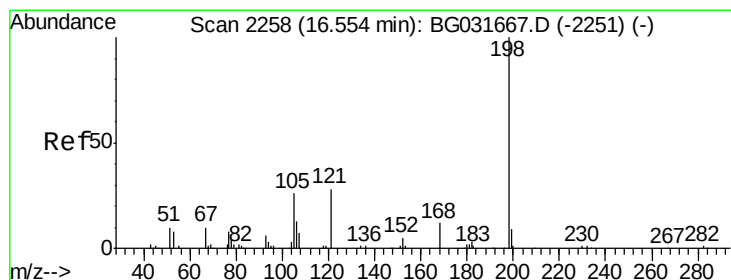
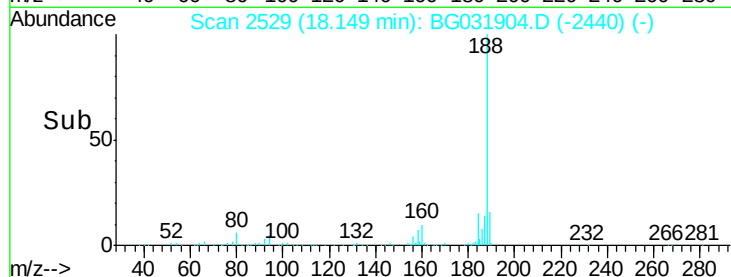
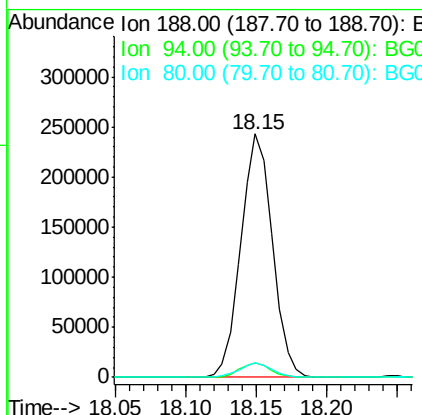
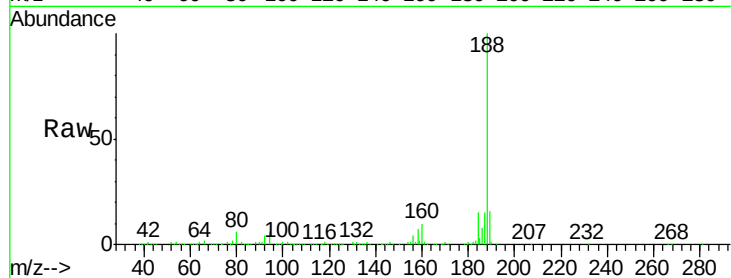




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.15 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BG031904.D
Acq: 4 Jan 2018 00:07

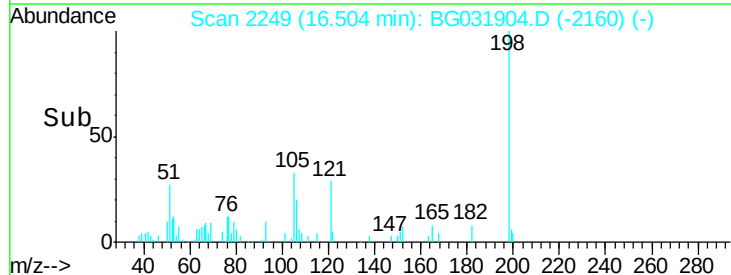
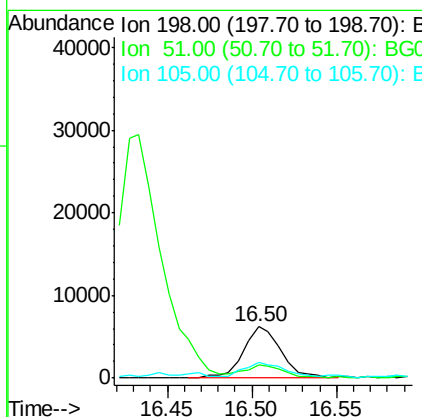
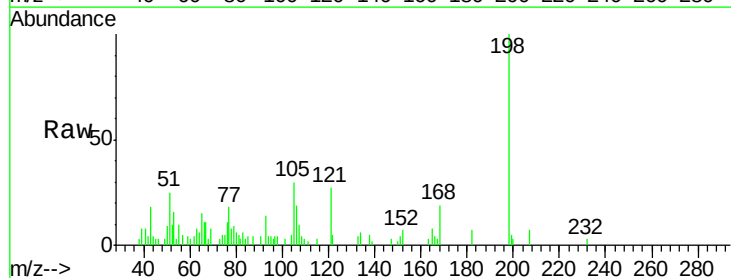
Instrument :
BNA_G
ClientSampleId :
OWS-1MSD

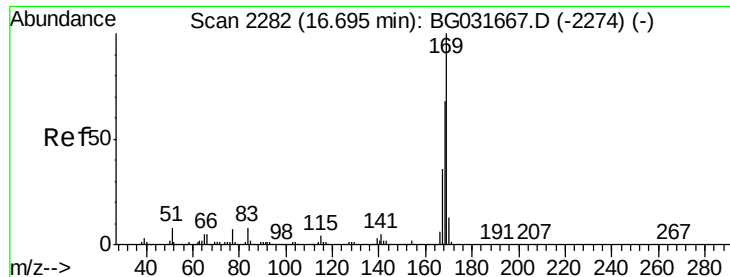
Tgt Ion:188 Resp: 379679
Ion Ratio Lower Upper
188 100
94 5.9 6.9 10.3#
80 6.2 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 12.606 ng
RT: 16.50 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BG031904.D
Acq: 4 Jan 2018 00:07

Tgt Ion:198 Resp: 9604
Ion Ratio Lower Upper
198 100
51 24.6 30.6 70.6#
105 30.2 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 41.819 ng

RT: 16.64 min Scan# 2273

Delta R.T. -0.00 min

Lab File: BG031904.D

Acq: 4 Jan 2018 00:07

Instrument :

BNA_G

ClientSampleId :

OWS-1MSD

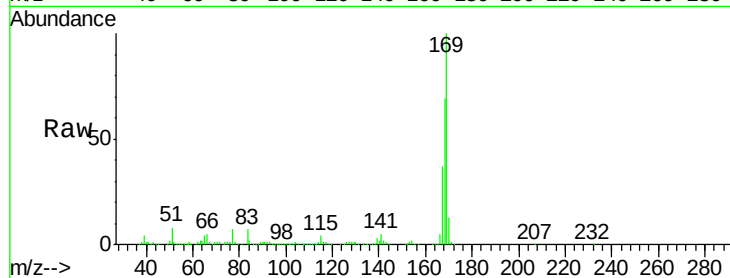
Tgt Ion:169 Resp: 527340

Ion Ratio Lower Upper

169 100

168 69.0 55.7 83.5

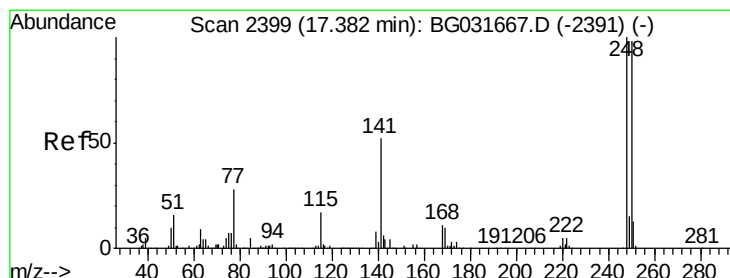
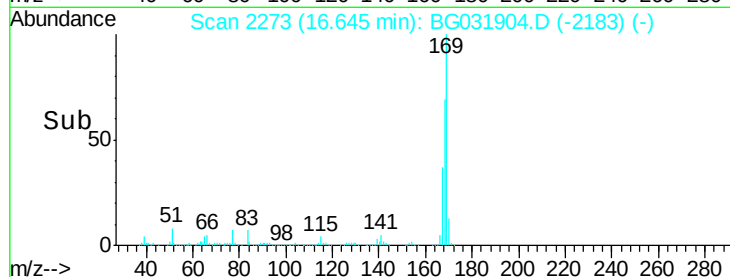
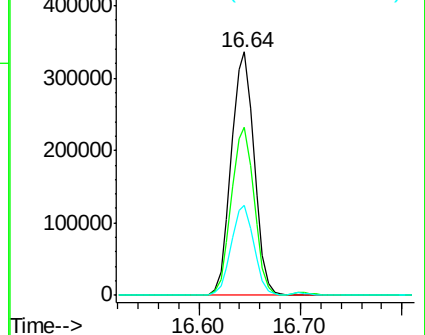
167 36.9 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.765 ng

RT: 17.33 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BG031904.D

Acq: 4 Jan 2018 00:07

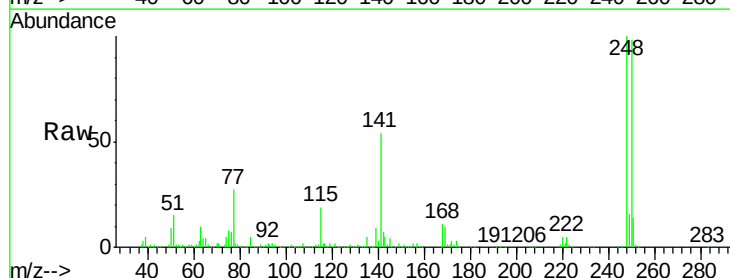
Tgt Ion:248 Resp: 240285

Ion Ratio Lower Upper

248 100

250 97.9 77.1 115.7

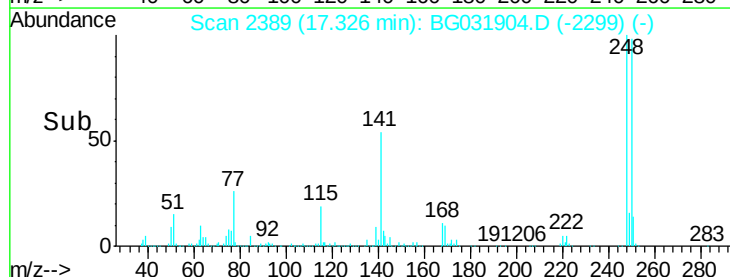
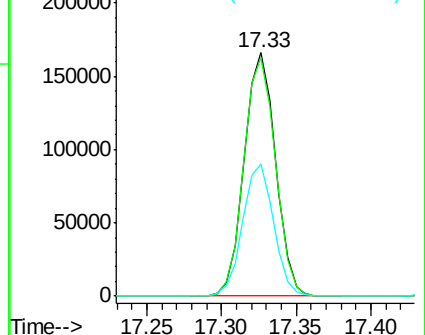
141 54.5 50.8 76.2

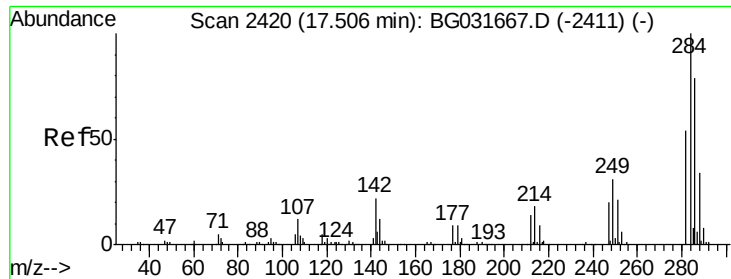


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 44.484 ng

RT: 17.45 min Scan# 2410

Delta R.T. -0.01 min

Lab File: BG031904.D

Acq: 4 Jan 2018 00:07

Instrument :

BNA_G

ClientSampleId :

OWS-1MSD

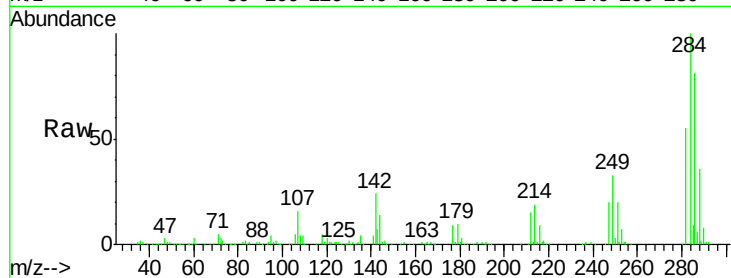
Tgt Ion:284 Resp: 249672

Ion Ratio Lower Upper

284 100

142 24.3 26.8 40.2#

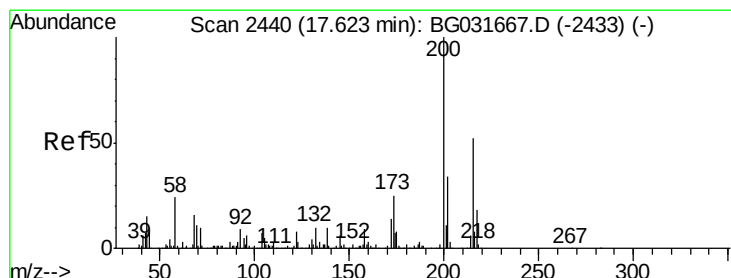
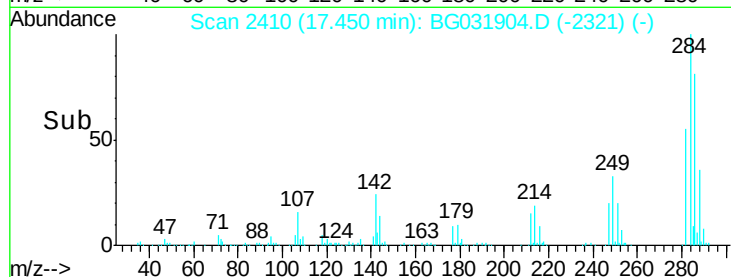
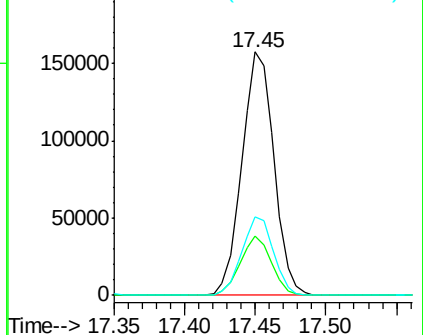
249 32.5 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 46.340 ng

RT: 17.57 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BG031904.D

Acq: 4 Jan 2018 00:07

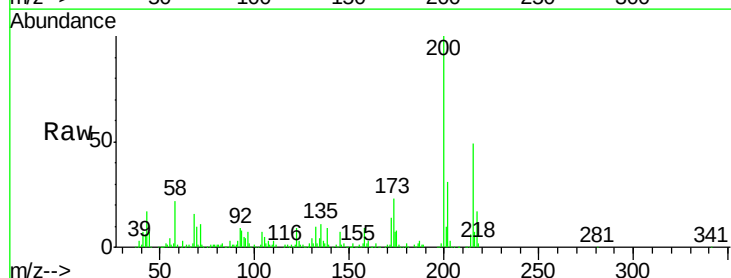
Tgt Ion:200 Resp: 227216

Ion Ratio Lower Upper

200 100

173 22.8 5.2 45.2

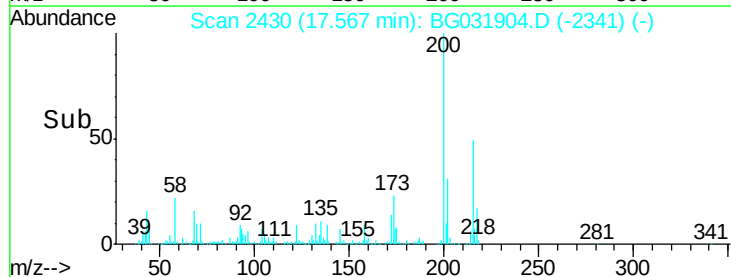
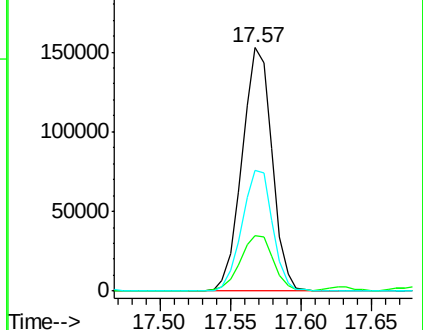
215 49.4 30.4 70.4

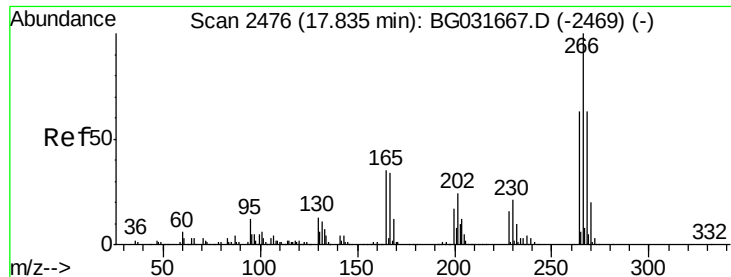


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

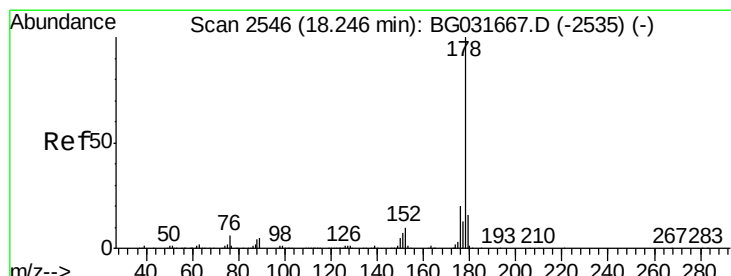
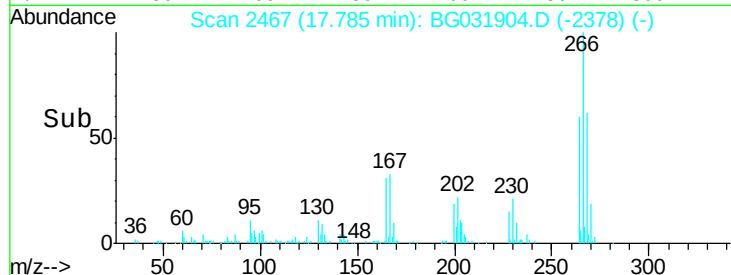
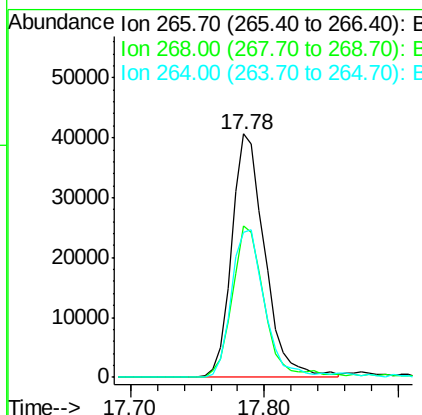
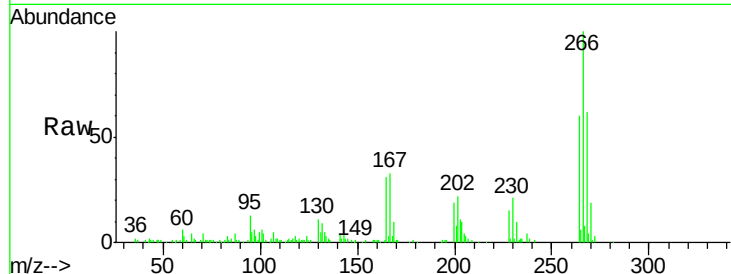




#69
 Pentachlorophenol
 Concen: 18.101 ng
 RT: 17.78 min Scan# 2467
 Delta R.T. -0.01 min
 Lab File: BG031904.D
 Acq: 4 Jan 2018 00:07

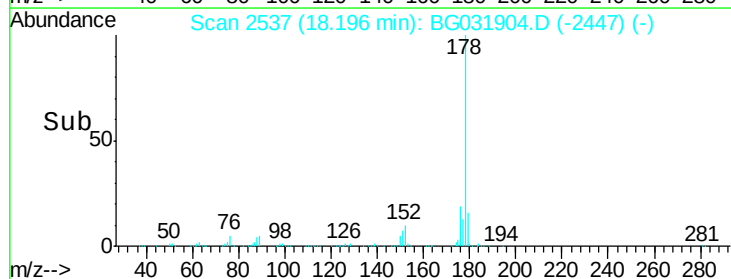
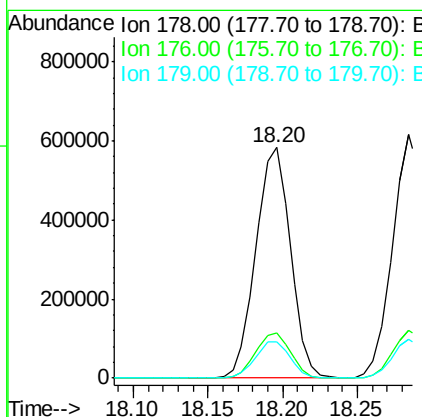
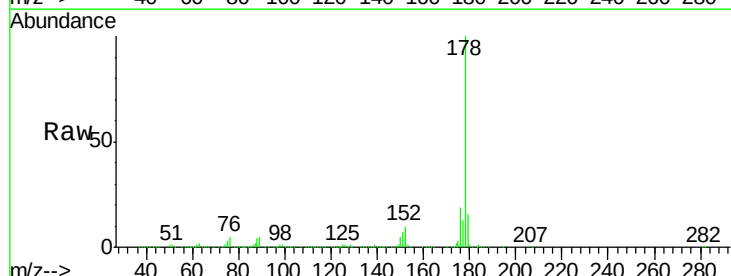
Instrument :
 BNA_G
 ClientSampled :
 OWS-1MSD

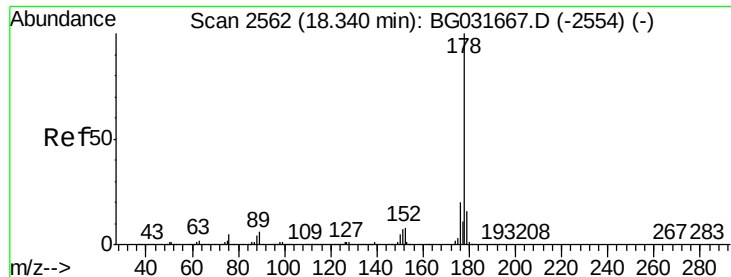
Tgt Ion:266 Resp: 69880
 Ion Ratio Lower Upper
 266 100
 268 62.4 51.1 76.7
 264 59.8 49.6 74.4



#70
 Phenanthrene
 Concen: 43.518 ng
 RT: 18.20 min Scan# 2537
 Delta R.T. -0.00 min
 Lab File: BG031904.D
 Acq: 4 Jan 2018 00:07

Tgt Ion:178 Resp: 935065
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.7 23.5
 179 15.8 12.5 18.7





#71

Anthracene

Concen: 44.201 ng

RT: 18.28 min Scan# 2552

Delta R.T. -0.00 min

Lab File: BG031904.D

Acq: 4 Jan 2018 00:07

Instrument :

BNA_G

ClientSampleId :

OWS-1MSD

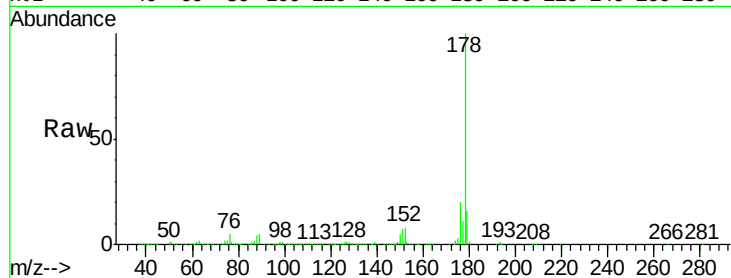
Tgt Ion:178 Resp: 958050

Ion Ratio Lower Upper

178 100

176 19.6 16.0 24.0

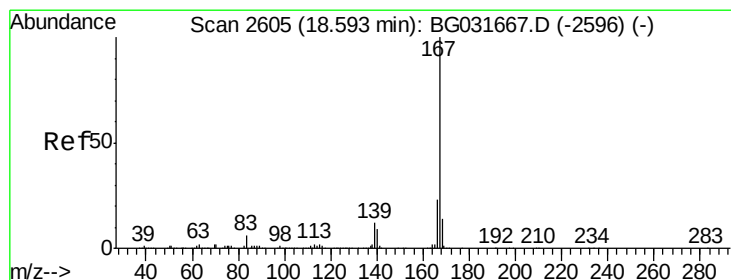
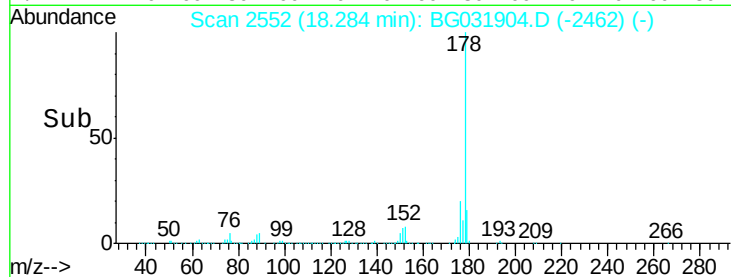
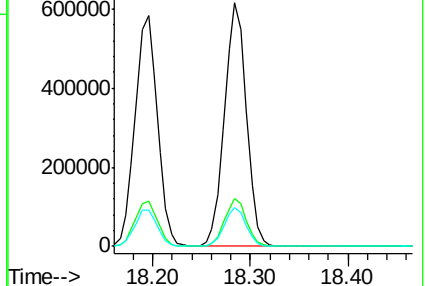
179 15.8 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 43.656 ng

RT: 18.54 min Scan# 2596

Delta R.T. -0.00 min

Lab File: BG031904.D

Acq: 4 Jan 2018 00:07

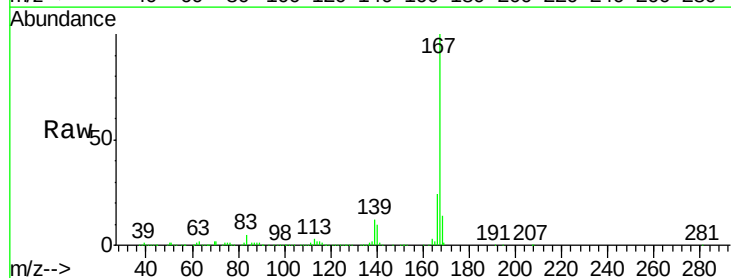
Tgt Ion:167 Resp: 837505

Ion Ratio Lower Upper

167 100

166 23.9 18.2 27.4

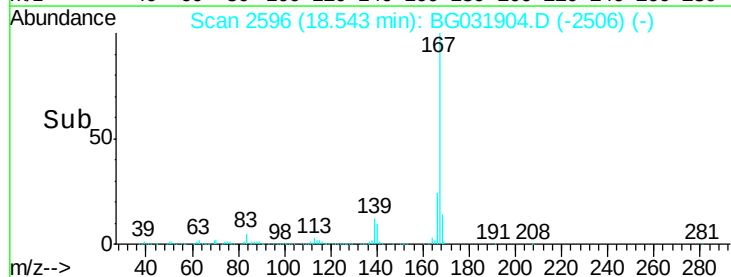
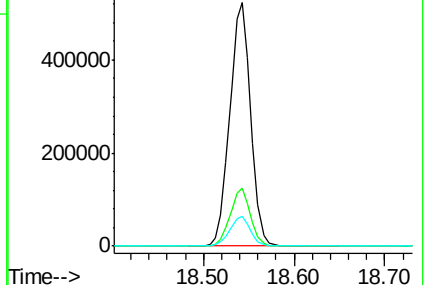
139 12.1 9.4 14.2

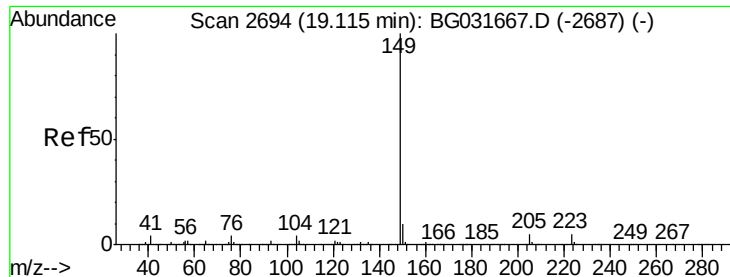


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.870 ng

RT: 19.05 min Scan# 2683

Delta R.T. -0.00 min

Lab File: BG031904.D

Acq: 4 Jan 2018 00:07

Instrument :

BNA_G

ClientSampleId :

OWS-1MSD

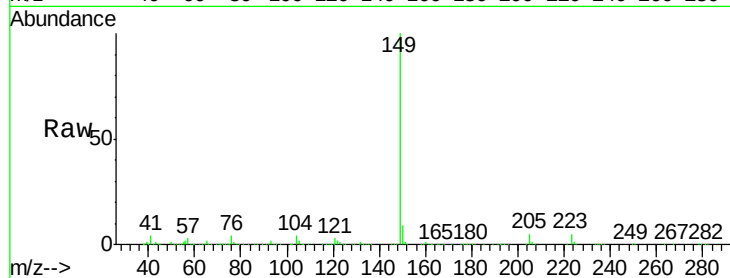
Tgt Ion:149 Resp: 935299

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

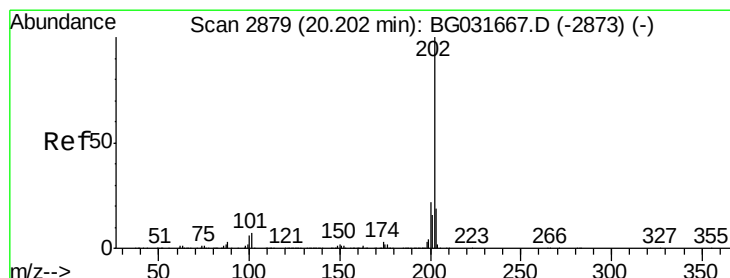
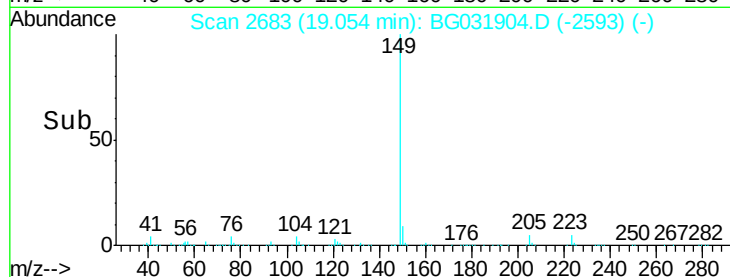
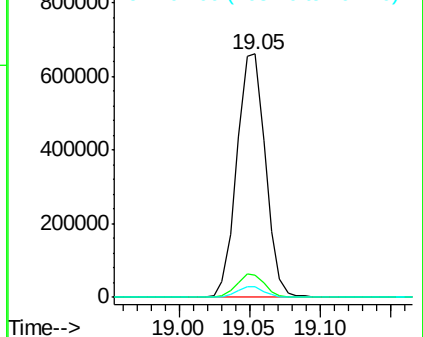
104 4.3 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.096 ng

RT: 20.15 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG031904.D

Acq: 4 Jan 2018 00:07

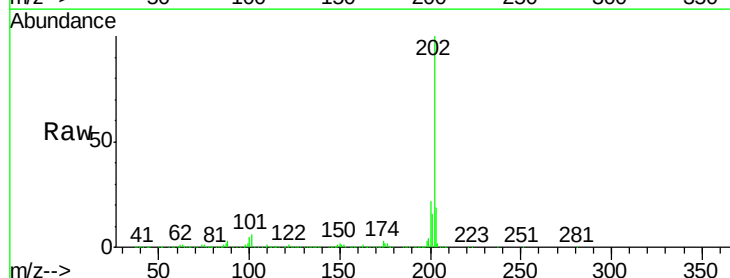
Tgt Ion:202 Resp: 1162586

Ion Ratio Lower Upper

202 100

101 6.4 0.0 28.9

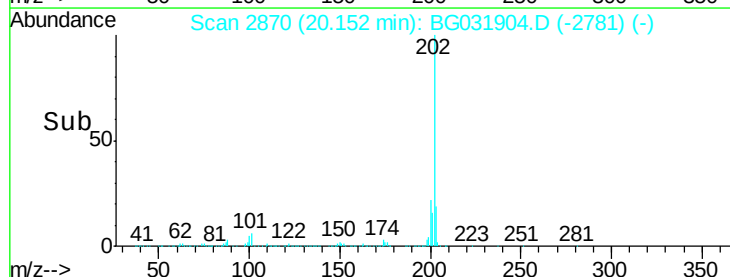
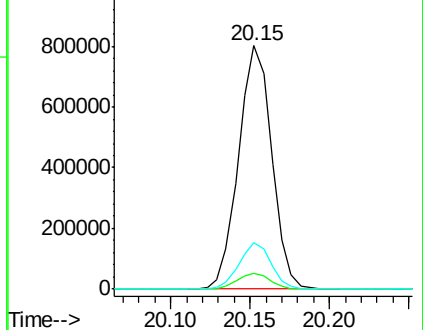
203 19.2 0.0 37.5

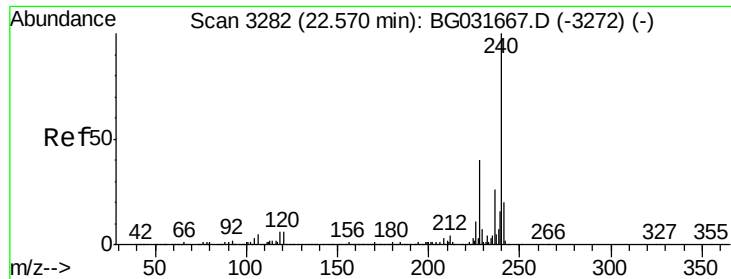


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

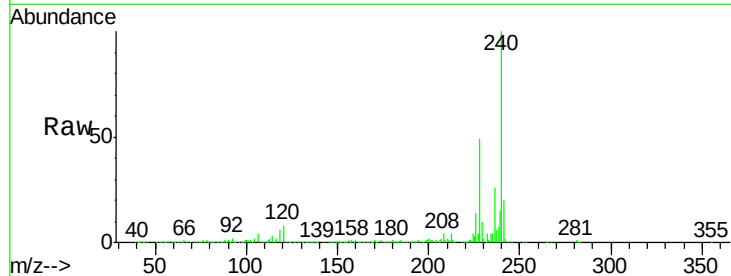




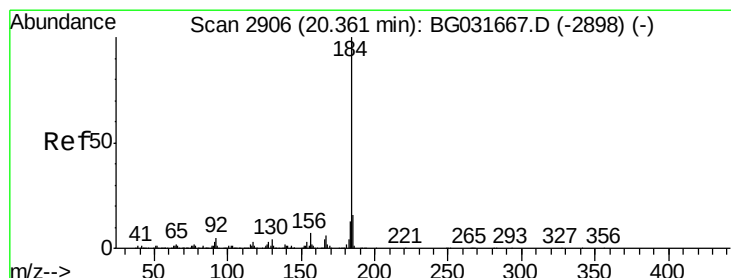
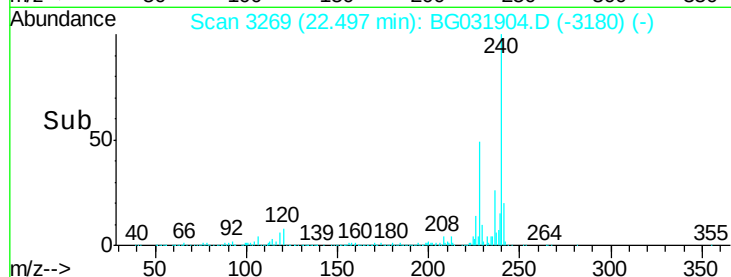
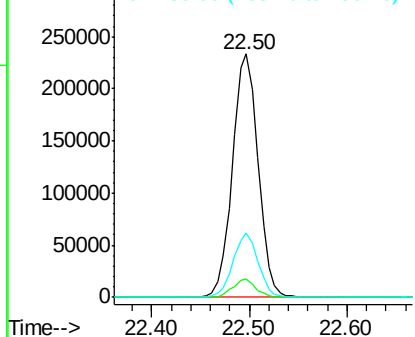
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.50 min Scan# 3269
Delta R.T. -0.01 min
Lab File: BG031904.D
Acq: 4 Jan 2018 00:07

Instrument :
BNA_G
ClientSampleId :
OWS-1MSD

Tgt Ion:240 Resp: 425764
Ion Ratio Lower Upper
240 100
120 7.6 6.8 10.2
236 26.2 20.9 31.3

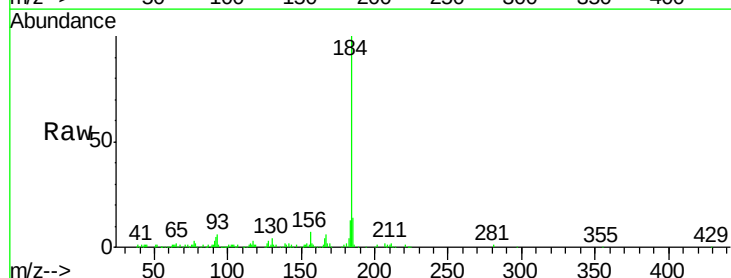


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

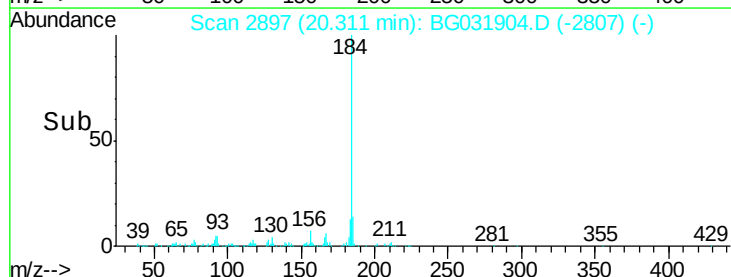
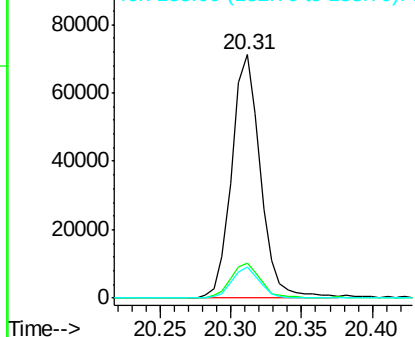


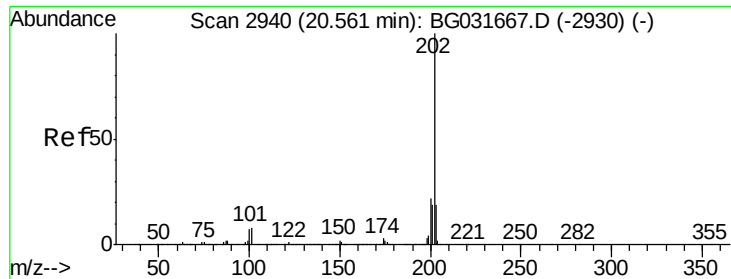
#76
Benzidine
Concen: 7.711 ng
RT: 20.31 min Scan# 2897
Delta R.T. -0.00 min
Lab File: BG031904.D
Acq: 4 Jan 2018 00:07

Tgt Ion:184 Resp: 101328
Ion Ratio Lower Upper
184 100
185 14.2 11.1 16.7
183 13.0 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



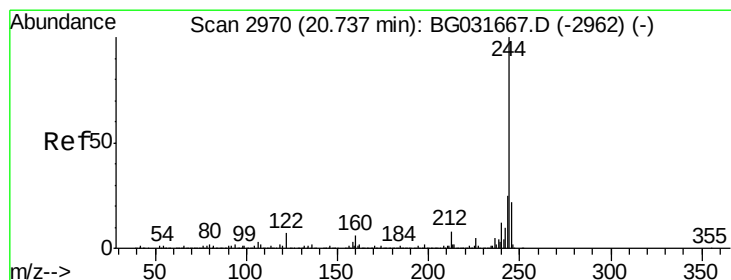
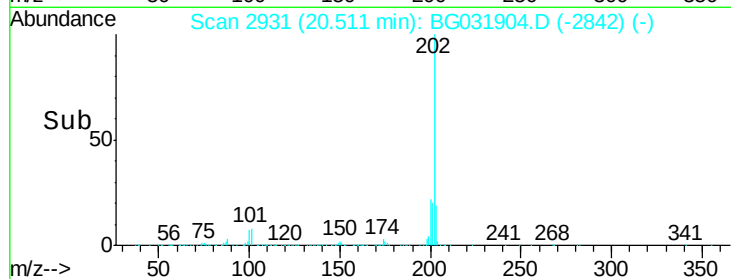
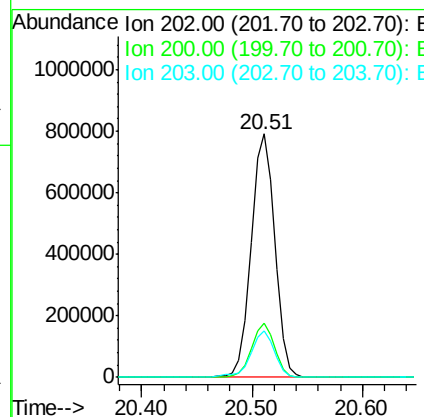
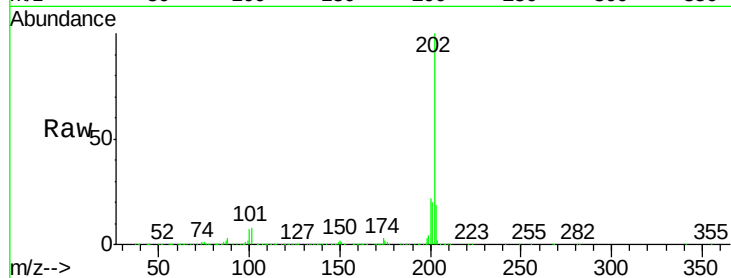


#77
 Pyrene
 Concen: 43.733 ng
 RT: 20.51 min Scan# 2931
 Delta R.T. -0.01 min
 Lab File: BG031904.D
 Acq: 4 Jan 2018 00:07

Instrument :
 BNA_G
 ClientSampleId :
 OWS-1MSD

Tgt Ion: 202 Resp: 1189391

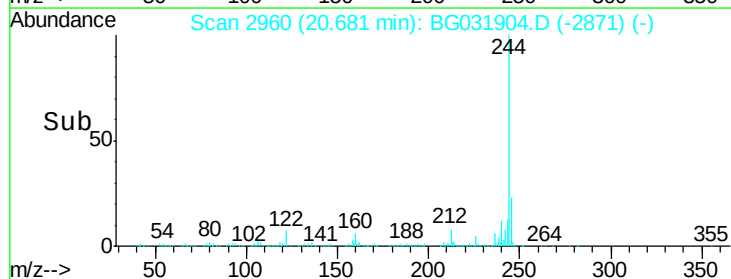
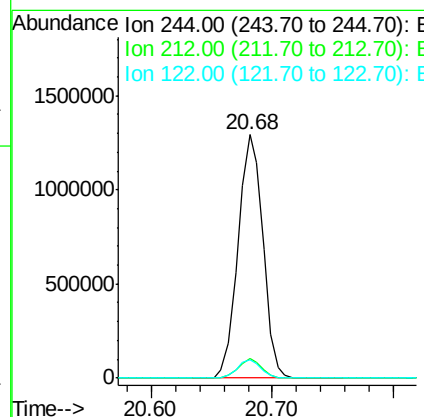
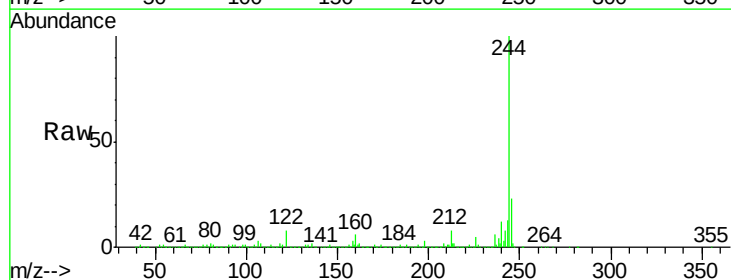
Ion	Ratio	Lower	Upper
202	100		
200	22.1	16.9	25.3
203	19.0	13.9	20.9

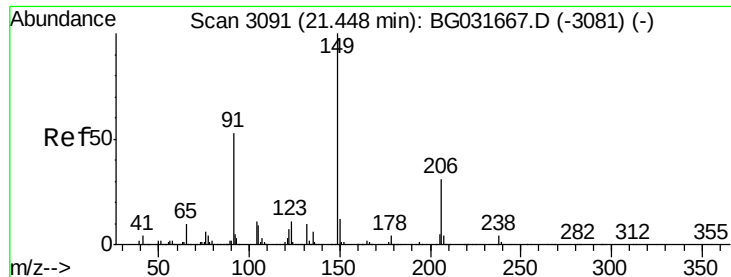


#78
 Terphenyl-d14
 Concen: 99.296 ng
 RT: 20.68 min Scan# 2960
 Delta R.T. -0.01 min
 Lab File: BG031904.D
 Acq: 4 Jan 2018 00:07

Tgt Ion: 244 Resp: 1850471

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	7.6	7.0	10.4

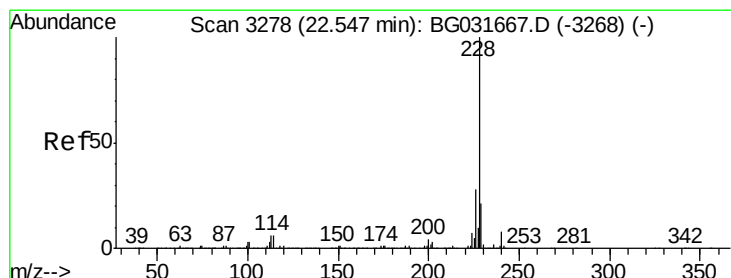
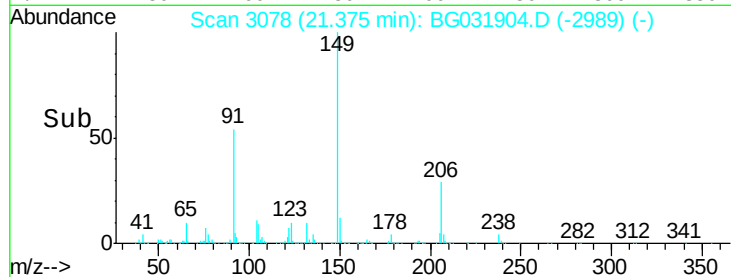
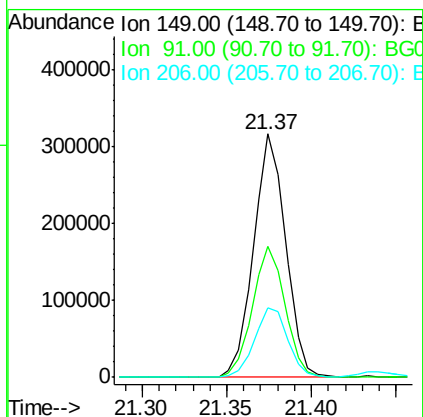
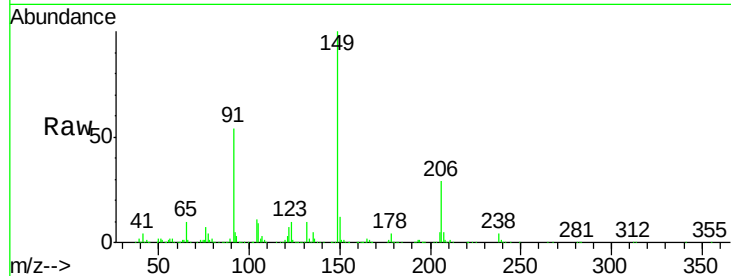




#79
Butylbenzylphthalate
Concen: 45.757 ng
RT: 21.37 min Scan# 3078
Delta R.T. -0.01 min
Lab File: BG031904.D
Acq: 4 Jan 2018 00:07

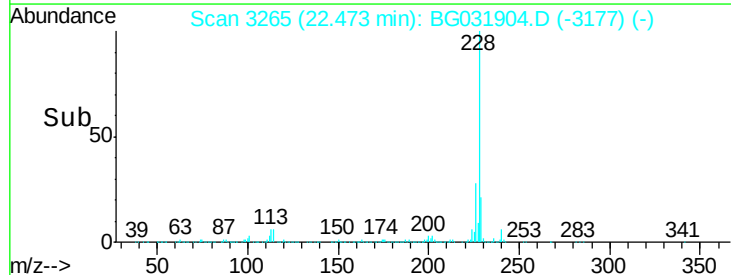
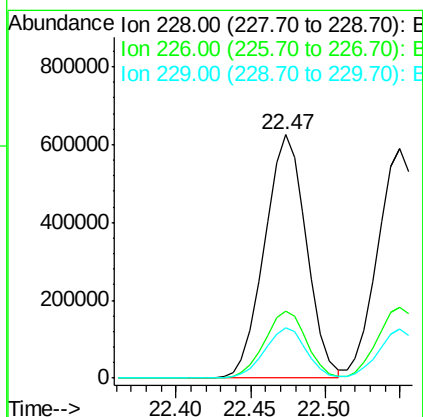
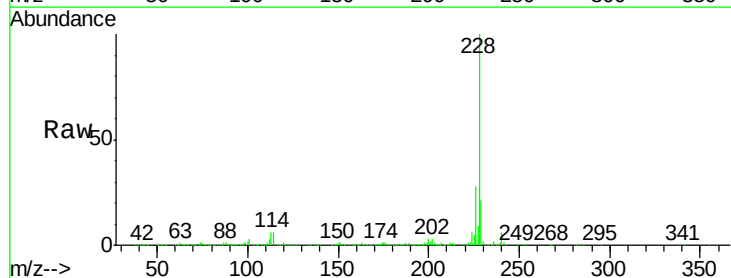
Instrument :
BNA_G
ClientSampleId :
OWS-1MSD

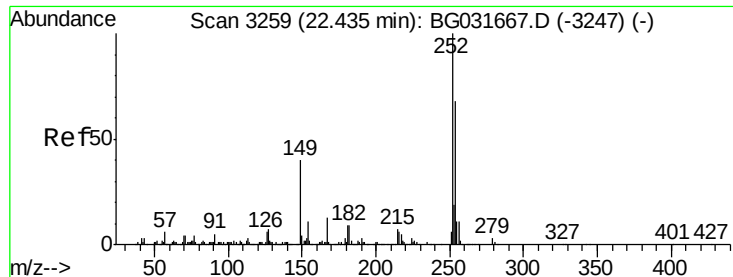
Tgt Ion:149 Resp: 417746
Ion Ratio Lower Upper
149 100
91 53.7 62.2 93.2#
206 28.5 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 44.851 ng
RT: 22.47 min Scan# 3265
Delta R.T. -0.02 min
Lab File: BG031904.D
Acq: 4 Jan 2018 00:07

Tgt Ion:228 Resp: 1214718
Ion Ratio Lower Upper
228 100
226 27.6 22.7 34.1
229 20.8 16.2 24.2

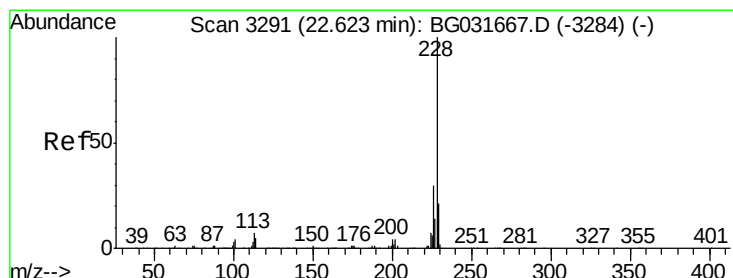
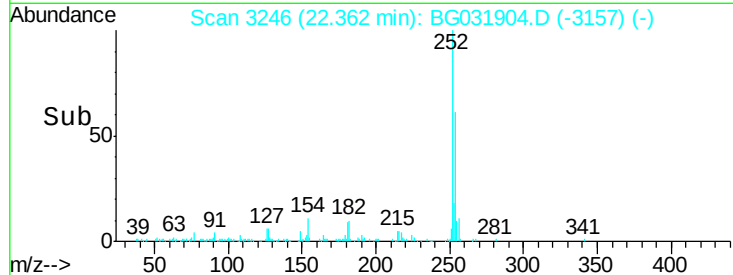
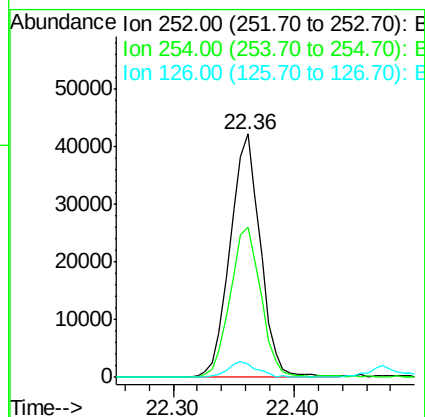
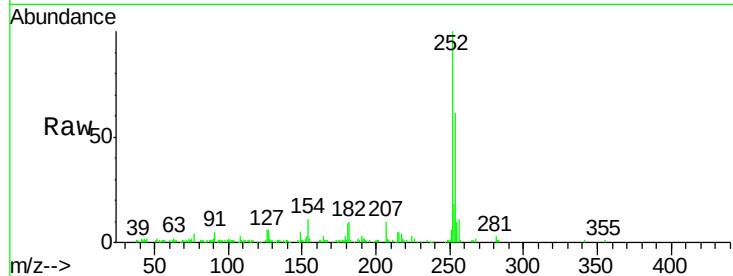




#81
 3,3'-Dichlorobenzidine
 Concen: 7.015 ng
 RT: 22.36 min Scan# 3246
 Delta R.T. -0.01 min
 Lab File: BG031904.D
 Acq: 4 Jan 2018 00:07

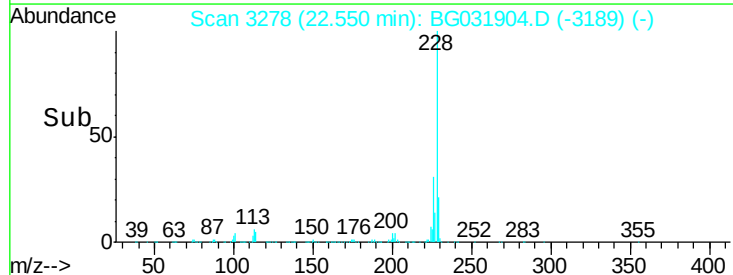
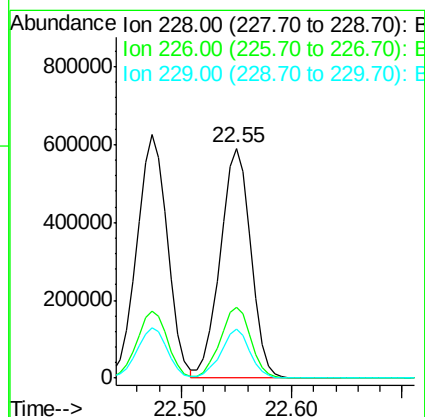
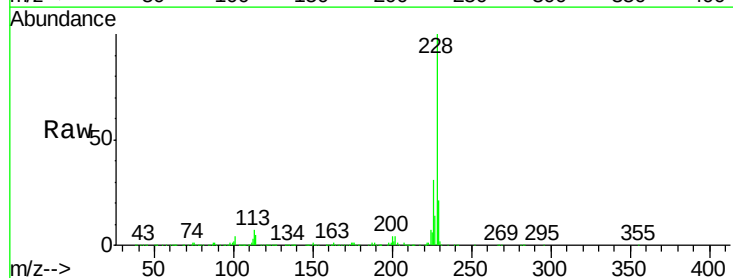
Instrument :
 BNA_G
 ClientSampleId :
 OWS-1MSD

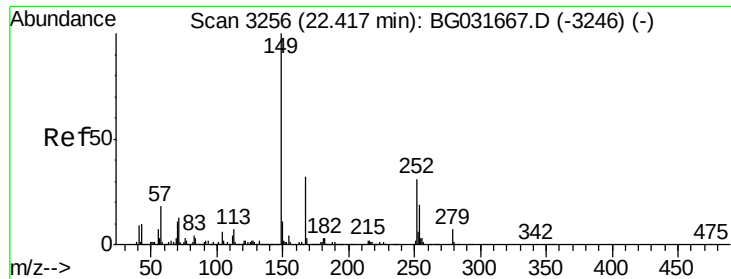
Tgt Ion:252 Resp: 73657
 Ion Ratio Lower Upper
 252 100
 254 61.4 50.8 76.2
 126 5.7 7.4 11.2#



#82
 Chrysene
 Concen: 44.285 ng
 RT: 22.55 min Scan# 3278
 Delta R.T. -0.01 min
 Lab File: BG031904.D
 Acq: 4 Jan 2018 00:07

Tgt Ion:228 Resp: 1134807
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.9 37.3
 229 21.1 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.817 ng

RT: 22.32 min Scan# 3239

Delta R.T. -0.02 min

Lab File: BG031904.D

Acq: 4 Jan 2018 00:07

Instrument :

BNA_G

ClientSampleId :

OWS-1MSD

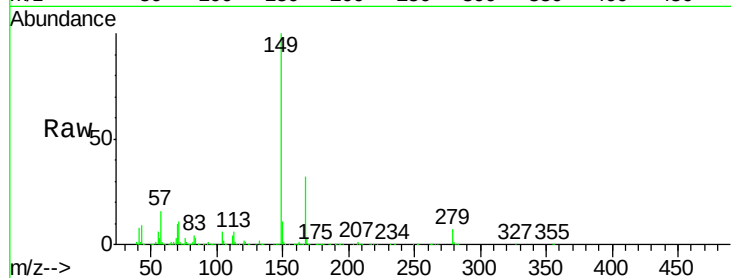
Tgt Ion:149 Resp: 592791

Ion Ratio Lower Upper

149 100

167 31.6 24.3 36.5

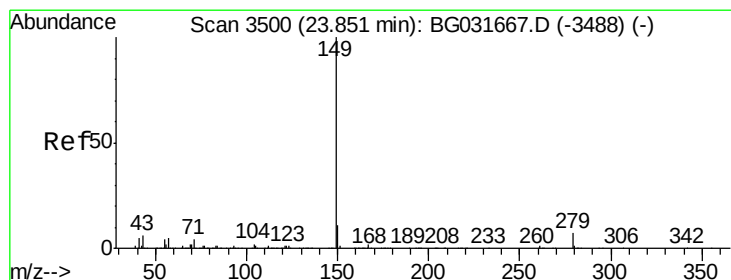
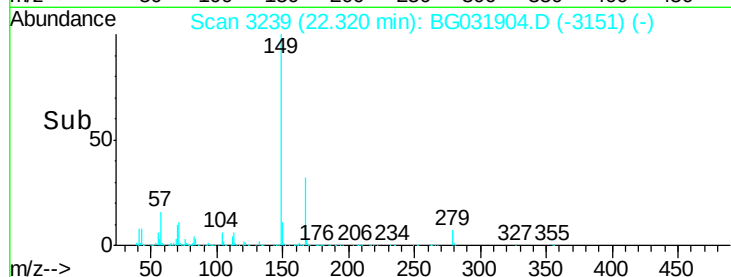
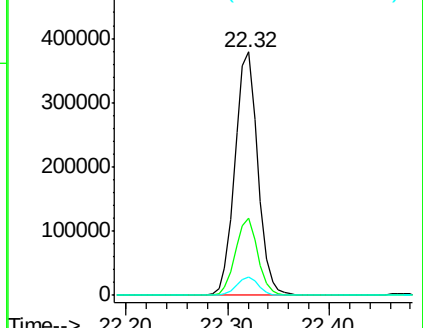
279 7.4 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.095 ng

RT: 23.71 min Scan# 3476

Delta R.T. -0.02 min

Lab File: BG031904.D

Acq: 4 Jan 2018 00:07

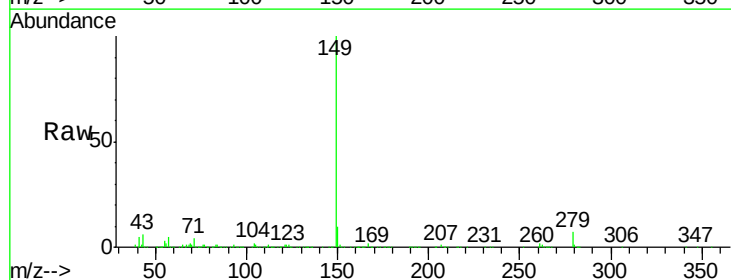
Tgt Ion:149 Resp: 1004558

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

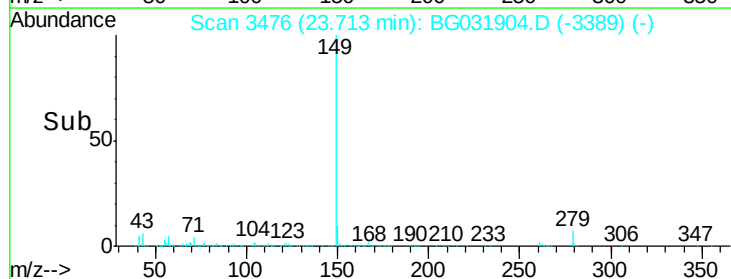
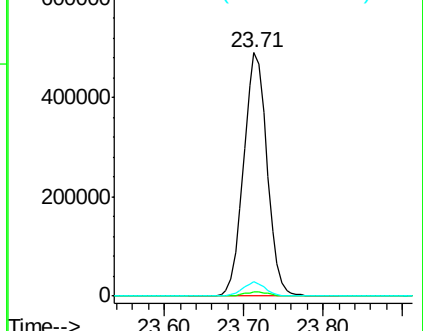
43 5.5 8.9 13.3#

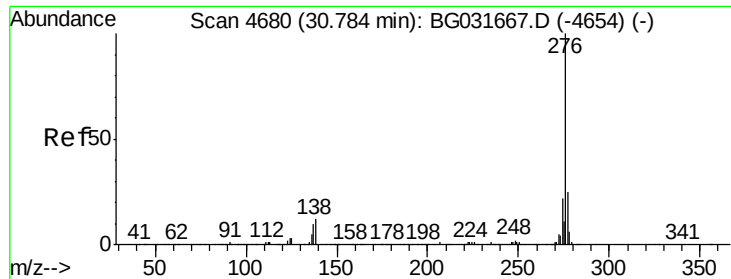


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

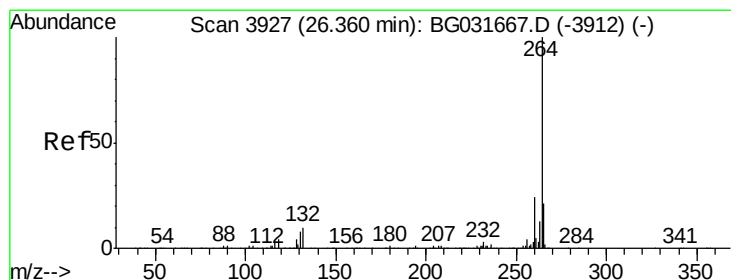
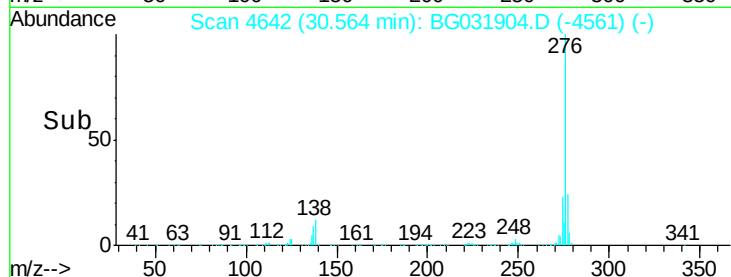
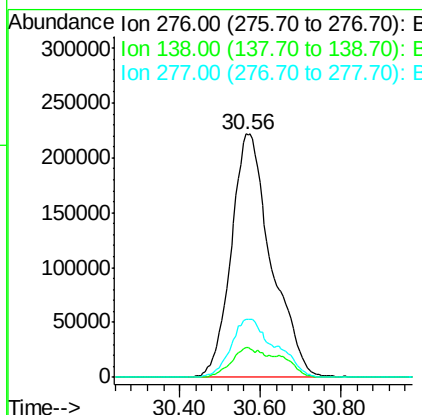
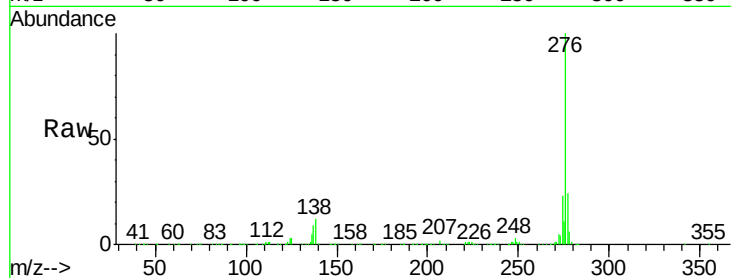




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.528 ng
 RT: 30.56 min Scan# 4642
 Delta R.T. -0.06 min
 Lab File: BG031904.D
 Acq: 4 Jan 2018 00:07

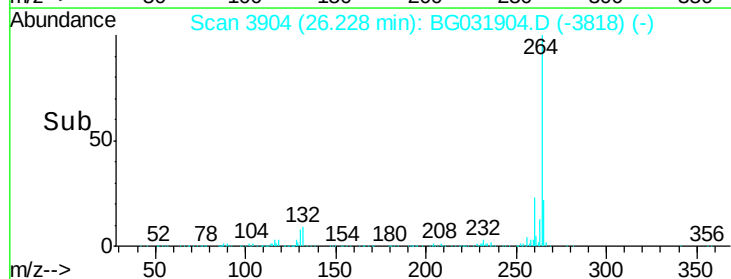
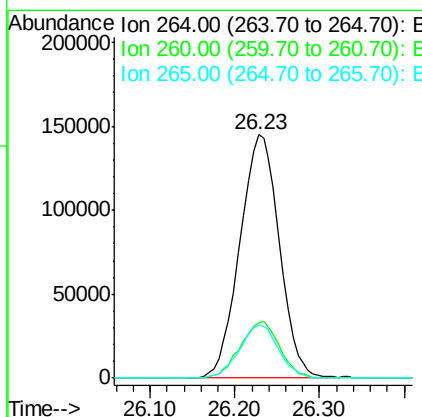
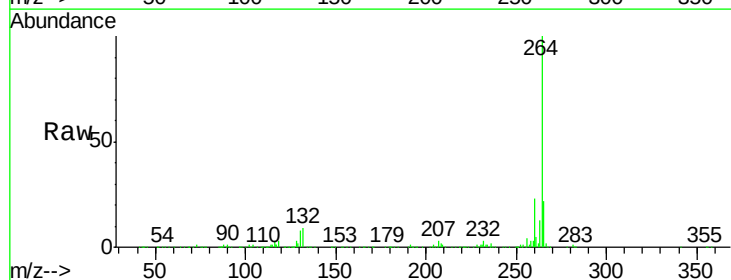
Instrument :
 BNA_G
 ClientSampleId :
 OWS-1MSD

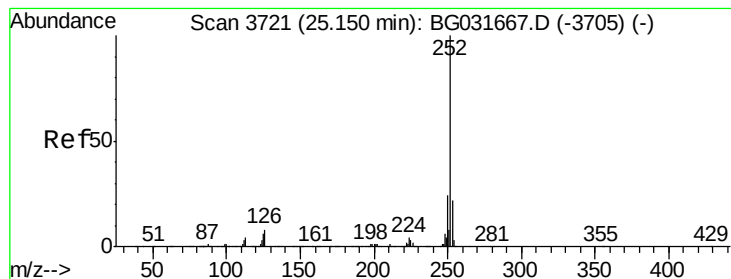
Tgt Ion:276 Resp: 1529615
 Ion Ratio Lower Upper
 276 100
 138 10.5 16.0 24.0#
 277 26.4 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.23 min Scan# 3904
 Delta R.T. -0.03 min
 Lab File: BG031904.D
 Acq: 4 Jan 2018 00:07

Tgt Ion:264 Resp: 470587
 Ion Ratio Lower Upper
 264 100
 260 22.8 17.4 26.0
 265 21.5 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 43.252 ng

RT: 25.03 min Scan# 3700

Delta R.T. -0.03 min

Lab File: BG031904.D

Acq: 4 Jan 2018 00:07

Instrument :

BNA_G

ClientSampleId :

OWS-1MSD

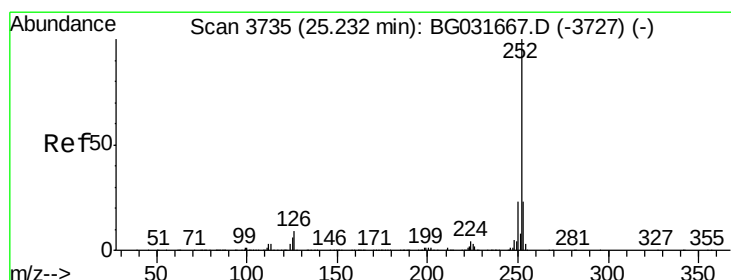
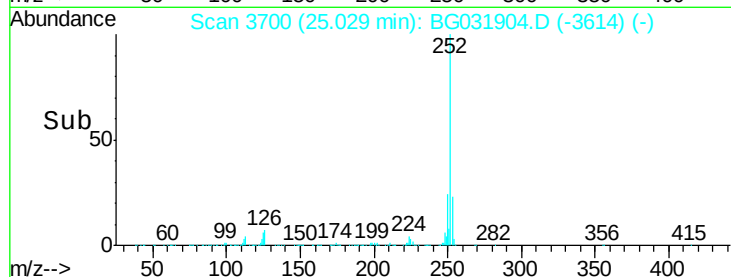
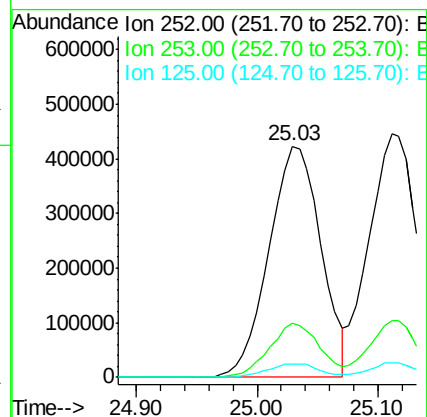
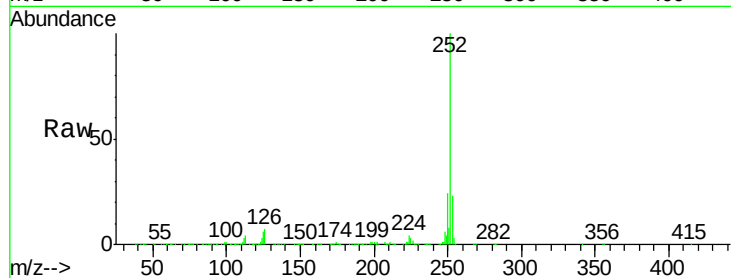
Tgt Ion:252 Resp: 1263433

Ion Ratio Lower Upper

252 100

253 23.4 18.2 27.4

125 5.8 7.2 10.8#



#88

Benzo(k)fluoranthene

Concen: 42.427 ng

RT: 25.11 min Scan# 3714

Delta R.T. -0.02 min

Lab File: BG031904.D

Acq: 4 Jan 2018 00:07

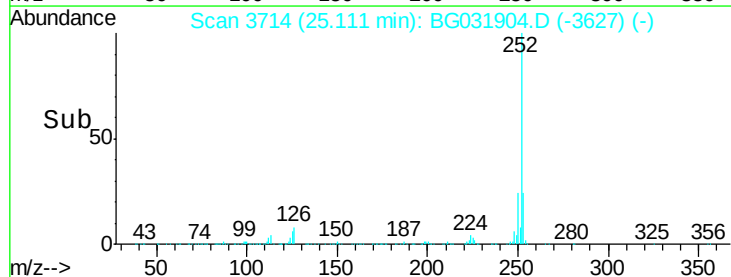
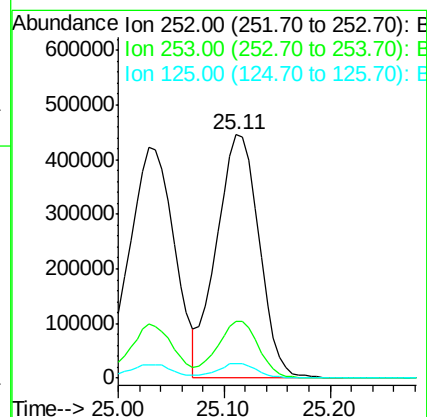
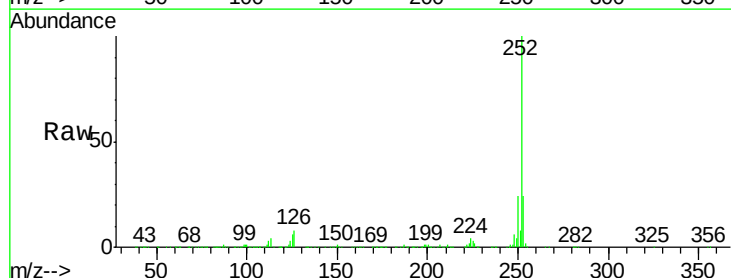
Tgt Ion:252 Resp: 1240293

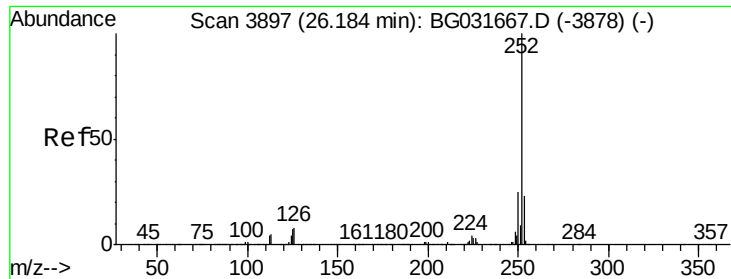
Ion Ratio Lower Upper

252 100

253 23.6 17.4 26.2

125 6.1 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 44.547 ng

RT: 26.06 min Scan# 3875

Delta R.T. -0.02 min

Lab File: BG031904.D

Acq: 4 Jan 2018 00:07

Instrument :

BNA_G

ClientSampleId :

OWS-1MSD

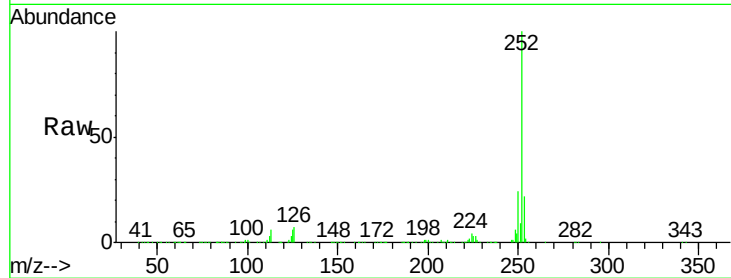
Tgt Ion:252 Resp: 1246258

Ion Ratio Lower Upper

252 100

253 22.2 18.3 27.5

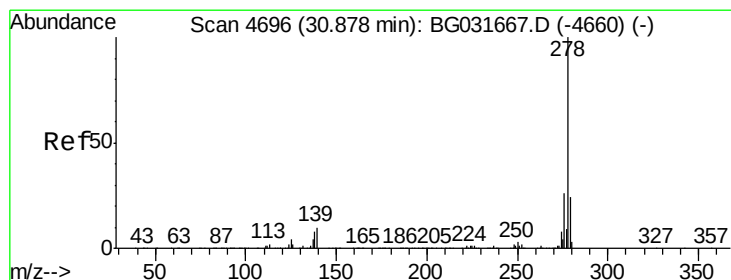
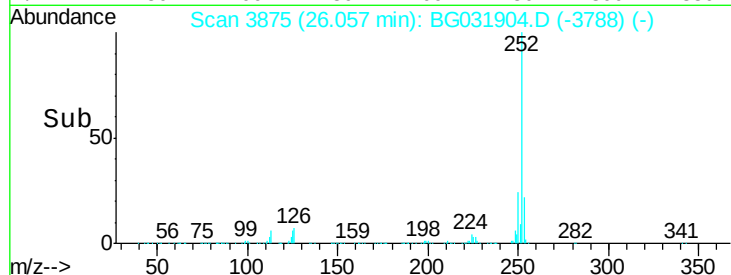
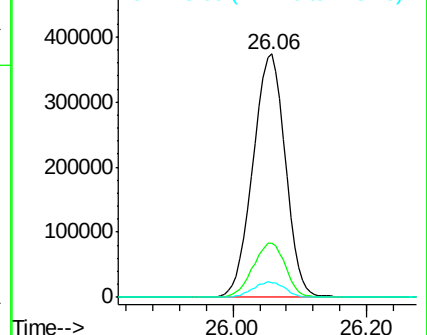
125 5.9 7.3 10.9#



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: 43.955 ng

RT: 30.65 min Scan# 4657

Delta R.T. -0.05 min

Lab File: BG031904.D

Acq: 4 Jan 2018 00:07

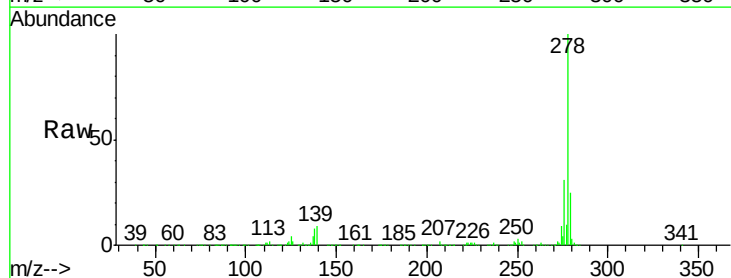
Tgt Ion:278 Resp: 1270008

Ion Ratio Lower Upper

278 100

139 9.1 9.8 14.6#

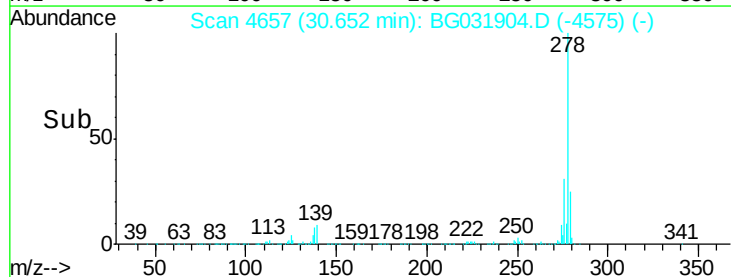
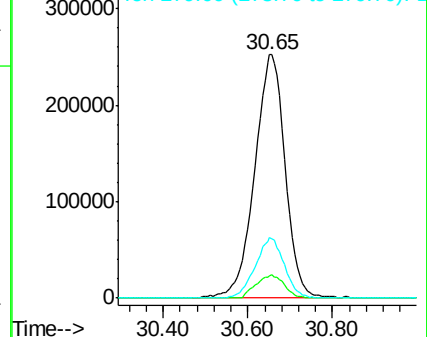
279 25.1 18.4 27.6

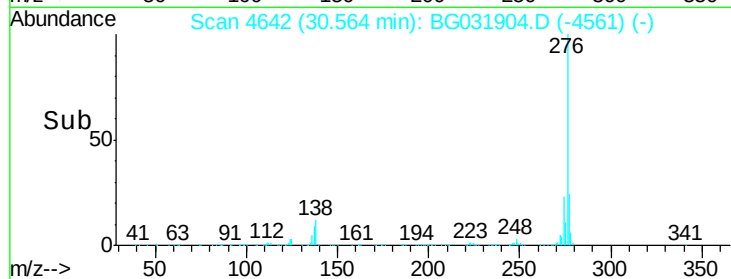
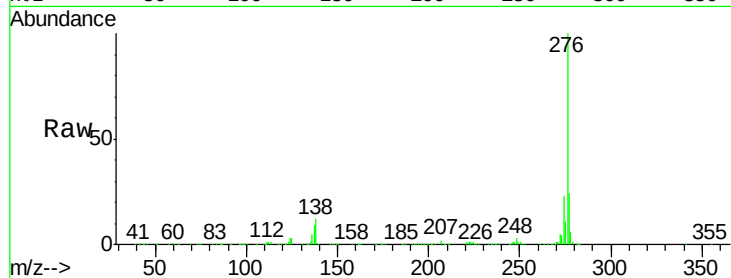
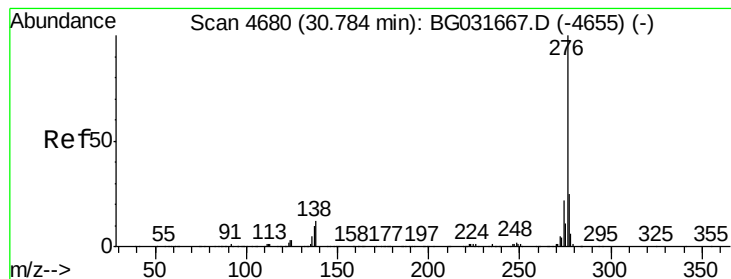


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 44.839 ng

RT: 30.56 min Scan# 4642

Delta R.T. -0.06 min

Lab File: BG031904.D

Acq: 4 Jan 2018 00:07

Instrument :

BNA_G

ClientSampleId :

OWS-1MSD

Tgt Ion:276 Resp: 1529615

Ion Ratio Lower Upper

276 100

277 23.9 18.3 27.5

138 12.3 13.9 20.9#

