

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
 Data File : BG038969.D
 Acq On : 7 Jan 2019 16:35
 Operator : JU/SJ
 Sample : PB116197BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 08 03:09:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	26423	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	107468	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	73114	20.00	ng	-0.01
64) Phenanthrene-d10	17.44	188	186284	20.00	ng	0.00
76) Chrysene-d12	21.71	240	192391	20.00	ng	-0.01
87) Perylene-d12	25.00	264	181101	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	182191	122.30	ng	0.00
7) Phenol-d6	7.21	99	248772	121.64	ng	0.00
23) Nitrobenzene-d5	9.22	82	126889	60.32	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	135572	134.54	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	344180	64.58	ng	-0.01
79) Terphenyl-d14	20.03	244	698374	79.00	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.48	88	32786	47.287 ng	97
3) Pyridine	3.88	79	57033	29.877 ng	96
4) n-Nitrosodimethylamine	3.81	42	34463	36.845 ng	# 91
6) Aniline	7.38	93	80417	30.802 ng	96
8) 2-Chlorophenol	7.61	128	76880	44.594 ng	96
9) Benzaldehyde	7.19	77	13468	10.151 ng	96
10) Phenol	7.24	94	97575	44.908 ng	99
11) bis(2-Chloroethyl)ether	7.47	93	61955	35.815 ng	94
12) 1,3-Dichlorobenzene	7.93	146	79571	39.036 ng	96
13) 1,4-Dichlorobenzene	8.08	146	80427	38.525 ng	98
14) 1,2-Dichlorobenzene	8.40	146	77093	39.171 ng	97
15) Benzyl Alcohol	8.29	79	70134	43.935 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	131243	33.120 ng	98
17) 2-Methylphenol	8.49	107	66802	45.889 ng	95
18) Hexachloroethane	9.12	117	28319	37.122 ng	93
19) n-Nitroso-di-n-propylamine	8.85	70	53136	36.993 ng	94
20) 3+4-Methylphenols	8.82	107	92336	45.929 ng	95
22) Acetophenone	8.88	105	109809	40.907 ng	# 93
24) Nitrobenzene	9.27	77	81799	38.438 ng	97
25) Isophorone	9.78	82	154296	40.823 ng	98
26) 2-Nitrophenol	9.97	139	44840	41.168 ng	96
27) 2,4-Dimethylphenol	10.03	122	79398	50.864 ng	95
28) bis(2-Chloroethoxy)methane	10.26	93	88486	41.485 ng	98
29) 2,4-Dichlorophenol	10.51	162	86741	49.949 ng	95
30) 1,2,4-Trichlorobenzene	10.72	180	88910	42.386 ng	99
31) Naphthalene	10.91	128	234969	44.375 ng	99
32) Benzoic acid	10.19	122	39146	41.285 ng	95
33) 4-Chloroaniline	11.03	127	68235	29.682 ng	95
34) Hexachlorobutadiene	11.17	225	60114	42.353 ng	97
35) Caprolactam	11.82	113	18064	25.135 ng	94
36) 4-Chloro-3-methylphenol	12.15	107	87347	44.076 ng	94
37) 2-Methylnaphthalene	12.51	142	182209	48.235 ng	98
38) 1-Methylnaphthalene	12.74	142	171610	46.816 ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	111948	40.962 ng	98

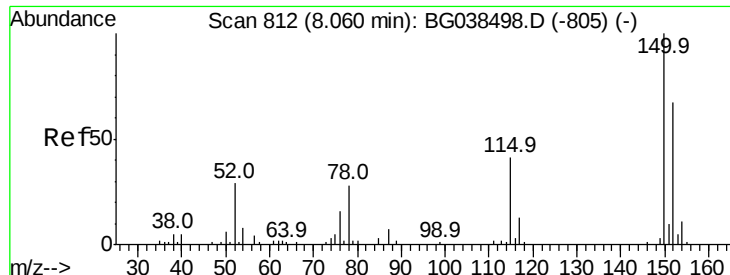
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
 Data File : BG038969.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	130932	87.202	ng	94
43) 2,4,6-Trichlorophenol	13.12	196	78298	46.595	ng	98
44) 2,4,5-Trichlorophenol	13.20	196	84443	47.462	ng	97
46) 1,1'-Biphenyl	13.52	154	237880	38.810	ng	98
47) 2-Chloronaphthalene	13.56	162	191722	40.494	ng	97
48) 2-Nitroaniline	13.78	65	60603	40.186	ng	92
49) Acenaphthylene	14.41	152	316428	44.706	ng	99
50) Dimethylphthalate	14.13	163	254940	42.698	ng	100
51) 2,6-Dinitrotoluene	14.27	165	57628	42.591	ng	91
52) Acenaphthene	14.75	154	178242	42.114	ng	98
53) 3-Nitroaniline	14.61	138	43577	31.594	ng	87
54) 2,4-Dinitrophenol	14.82	184	72021	88.845	ng	98
55) Dibenzofuran	15.08	168	312189	43.031	ng	97
56) 4-Nitrophenol	14.92	139	87359	83.488	ng	96
57) 2,4-Dinitrotoluene	15.06	165	82666	43.377	ng	92
58) Fluorene	15.73	166	248633	46.257	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.31	232	78847	49.258	ng	97
60) Diethylphthalate	15.49	149	263782	40.244	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	142343	42.444	ng	97
62) 4-Nitroaniline	15.77	138	61246	43.131	ng	98
63) Azobenzene	16.01	77	210638	38.469	ng	95
65) 4,6-Dinitro-2-methylphenol	15.81	198	54423	40.955	ng	93
66) n-Nitrosodiphenylamine	15.94	169	228972	41.833	ng	97
67) 4-Bromophenyl-phenylether	16.61	248	95941	42.171	ng	98
68) Hexachlorobenzene	16.73	284	101735	43.138	ng	95
69) Atrazine	16.88	200	94026	46.290	ng	96
70) Pentachlorophenol	17.08	266	108490	77.774	ng	97
71) Phenanthrene	17.48	178	432141	44.735	ng	98
72) Anthracene	17.57	178	434623	45.575	ng	99
73) Carbazole	17.84	167	384966	40.817	ng	99
74) Di-n-butylphthalate	18.37	149	449583	41.543	ng	99
75) Fluoranthene	19.48	202	537708	44.988	ng	98
77) Benzidine	19.67	184	201779	35.463	ng	99
78) Pyrene	19.84	202	533890	42.006	ng	99
80) Butylbenzylphthalate	20.71	149	205893	41.464	ng	94
81) Benzo(a)anthracene	21.69	228	525877	44.857	ng	99
82) 3,3'-Dichlorobenzidine	21.61	252	142783	30.709	ng	97
83) Chrysene	21.76	228	482407	42.722	ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	285941	40.602	ng	98
85) Di-n-octyl phthalate	22.78	149	483988	41.035	ng	# 97
86) Indeno(1,2,3-cd)pyrene	28.78	276	575548	43.354	ng	# 93
88) Benzo(b)fluoranthene	23.95	252	506166	50.906	ng	# 99
89) Benzo(k)fluoranthene	24.02	252	498121	50.309	ng	# 98
90) Benzo(a)pyrene	24.85	252	494636	51.564	ng	# 98
91) Dibenzo(a,h)anthracene	28.84	278	475995	49.837	ng	98
92) Benzo(g,h,i)perylene	29.97	276	478385	50.824	ng	96

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

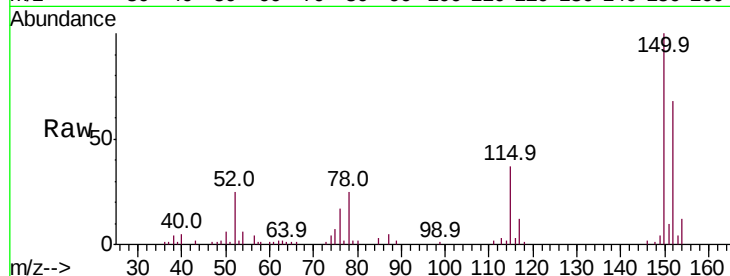


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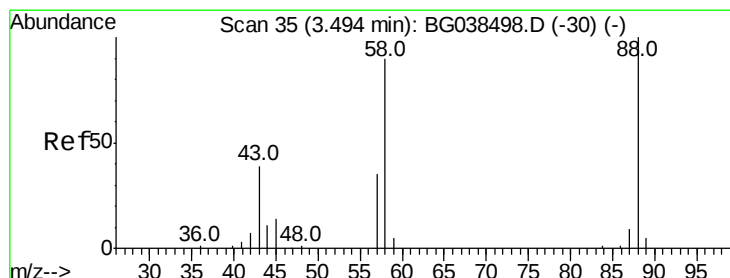
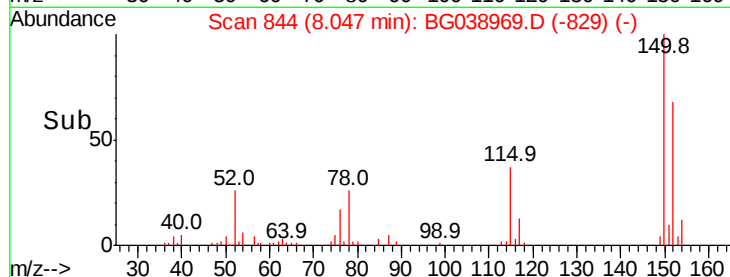
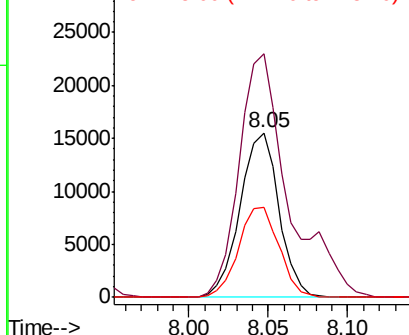
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 26423
Ion Ratio Lower Upper
152 100
150 147.8 119.5 179.3
115 54.3 49.6 74.4



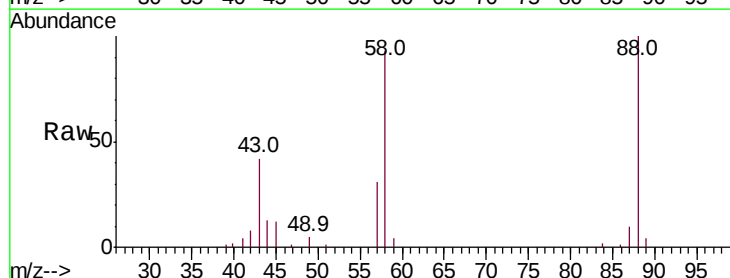
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



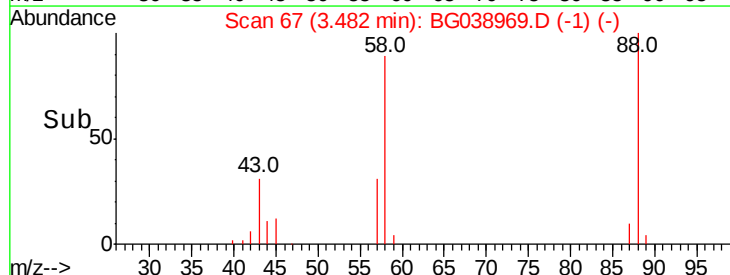
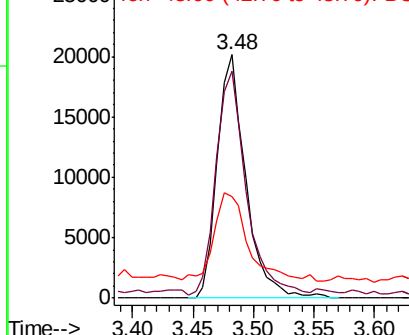
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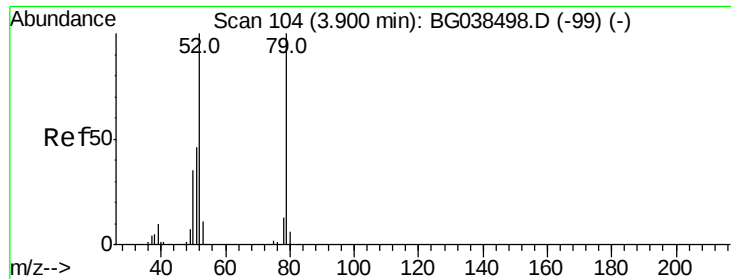
1,4-Dioxane
Concen: 47.287 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.01 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Tgt Ion: 88 Resp: 32786
Ion Ratio Lower Upper
88 100
58 97.1 75.7 113.5
43 42.5 31.6 47.4



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

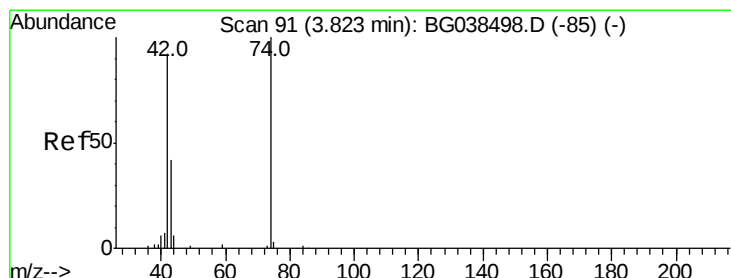
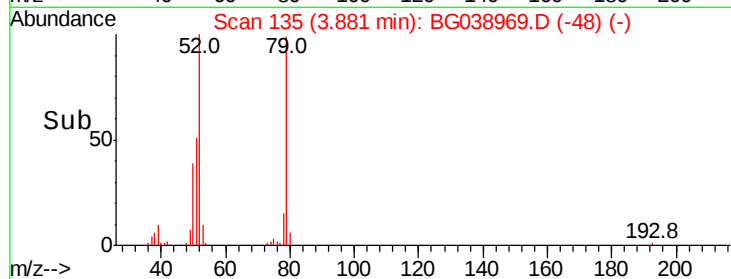
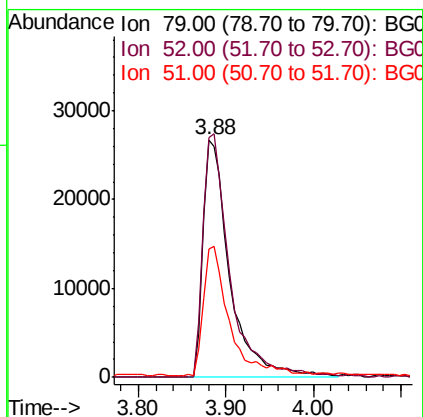
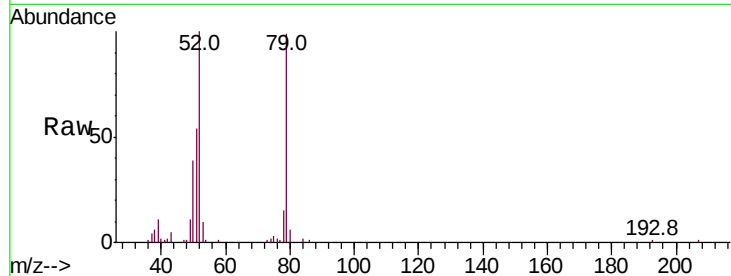




#3
 Pvridine
 Concen: 29.877 ng
 RT: 3.88 min Scan# 135
 Delta R.T. -0.02 min
 Lab File: BG038969.D
 Acq: 7 Jan 2019 16:35

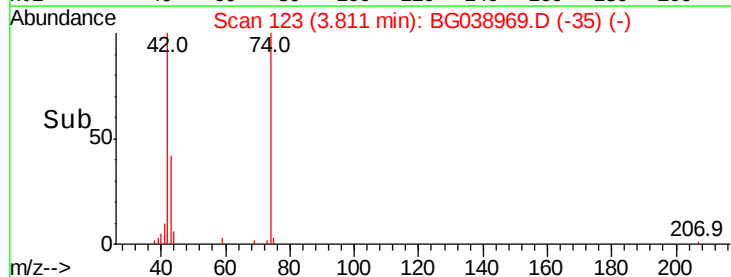
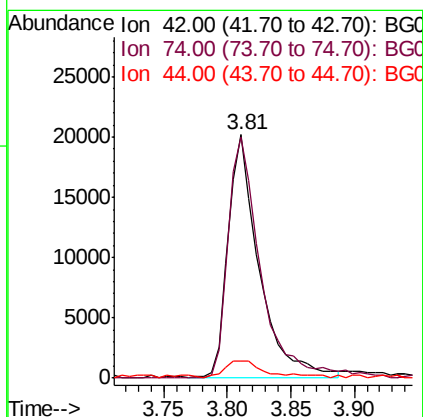
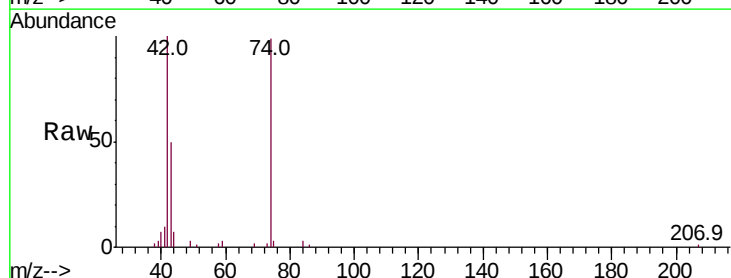
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 79 Resp: 57033
 Ion Ratio Lower Upper
 79 100
 52 101.0 80.2 120.2
 51 54.0 38.0 57.0



#4
 n-Nitrosodimethylamine
 Concen: 36.845 ng
 RT: 3.81 min Scan# 123
 Delta R.T. -0.01 min
 Lab File: BG038969.D
 Acq: 7 Jan 2019 16:35

Tgt Ion: 42 Resp: 34463
 Ion Ratio Lower Upper
 42 100
 74 98.8 86.7 130.1
 44 6.9 7.8 11.8#





#5

2-Fluorophenol

Concen: 122.296 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.00 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

Instrument :

BNA_G

ClientSampled :

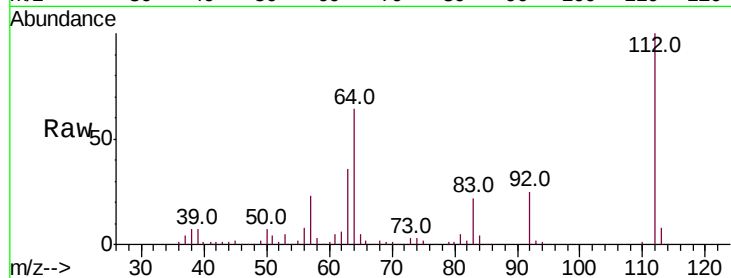
Tot Ion:112 Resp: 182191

Ion Ratio Lower Upper

112 100

64 64.2 53.4 80.2

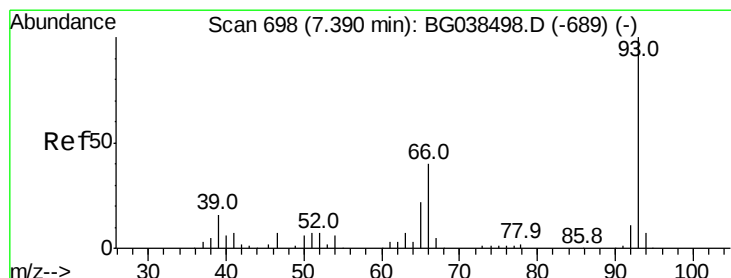
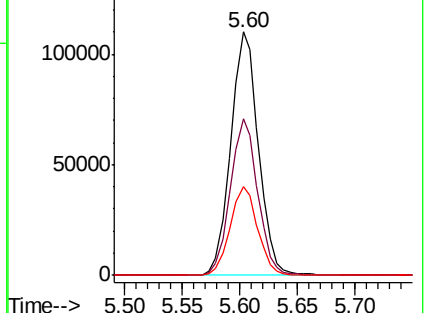
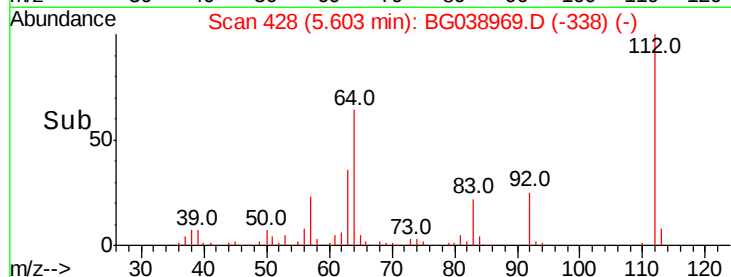
63 36.2 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 30.802 ng

RT: 7.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

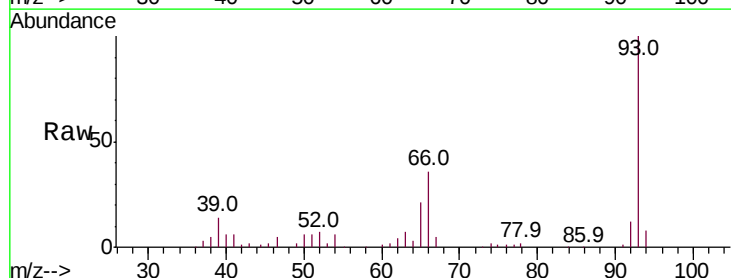
Tgt Ion: 93 Resp: 80417

Ion Ratio Lower Upper

93 100

66 36.4 31.7 47.5

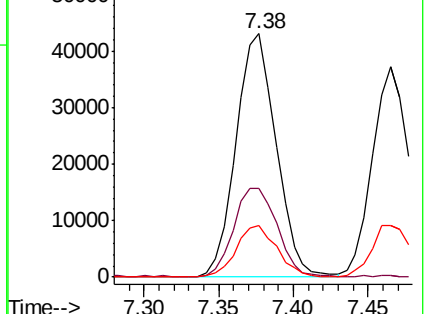
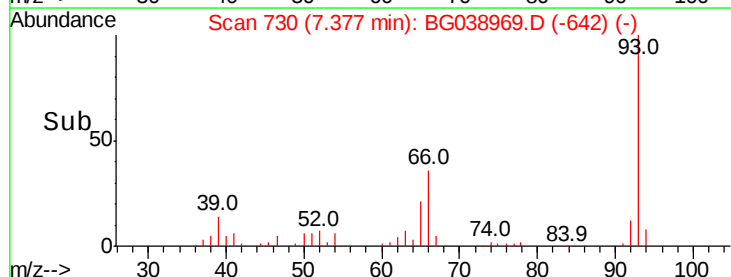
65 21.3 17.8 26.6

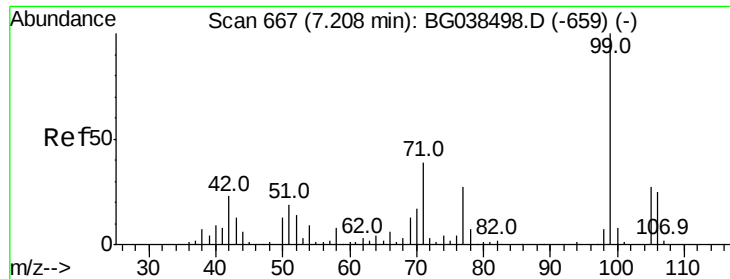


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 121.641 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

Instrument :

BNA_G

ClientSampled :

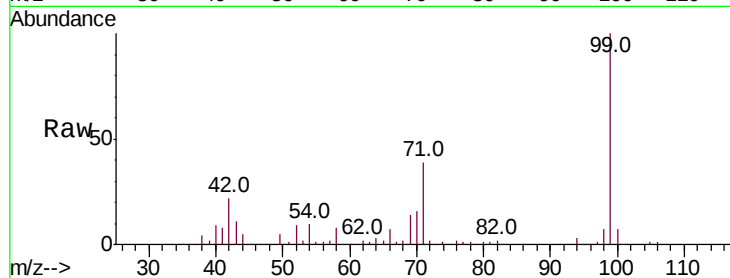
Tot Ion: 99 Resp: 248772

Ion Ratio Lower Upper

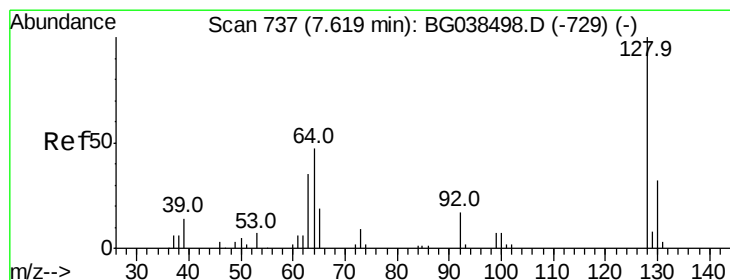
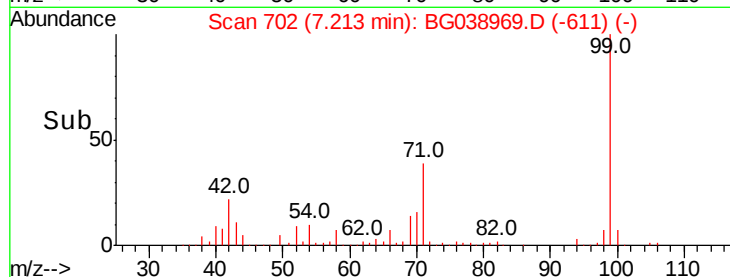
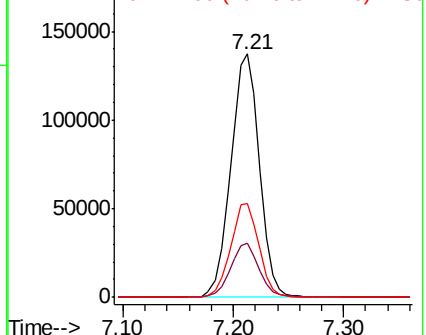
99 100

42 22.4 18.5 27.7

71 38.7 31.1 46.7



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



#8

2-Chlorophenol

Concen: 44.594 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.01 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

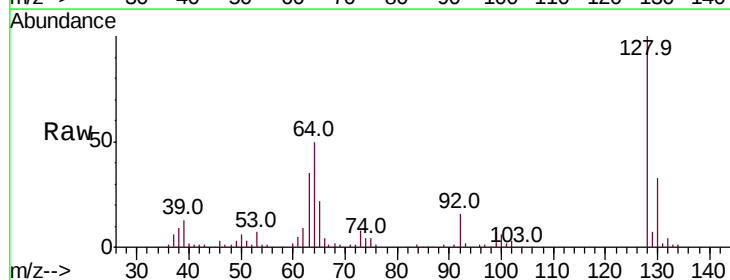
Tgt Ion:128 Resp: 76880

Ion Ratio Lower Upper

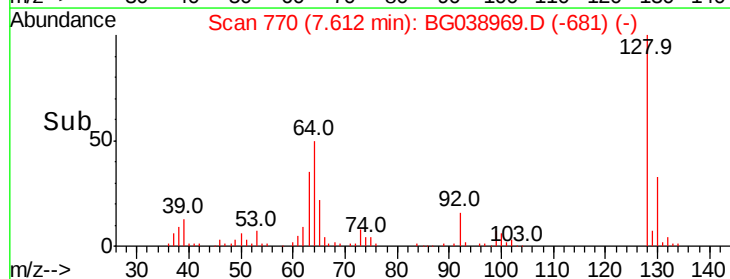
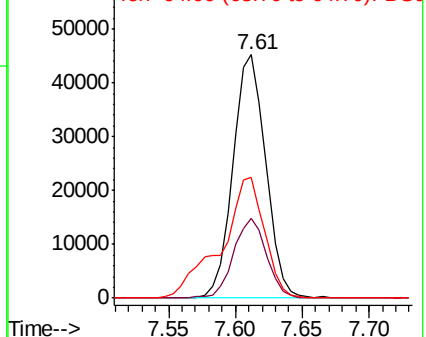
128 100

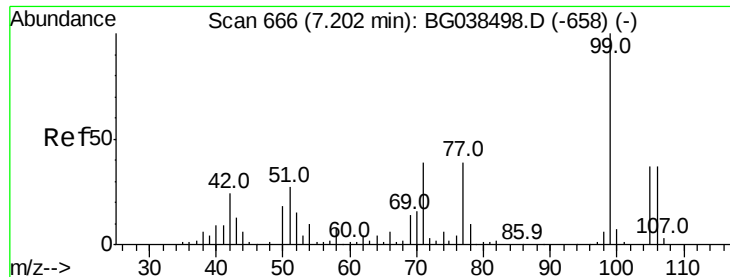
130 32.6 11.8 51.8

64 49.7 33.2 73.2



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





#9

Benzaldehyde

Concen: 10.151 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

Instrument :

BNA_G

ClientSampleId :

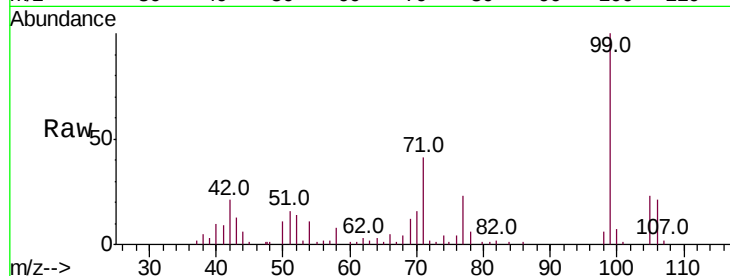
Tot Ion: 77 Resp: 13468

Ion Ratio Lower Upper

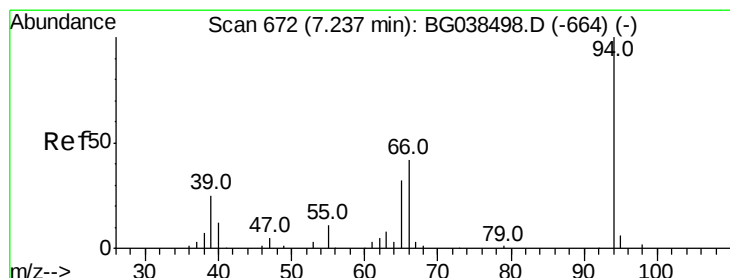
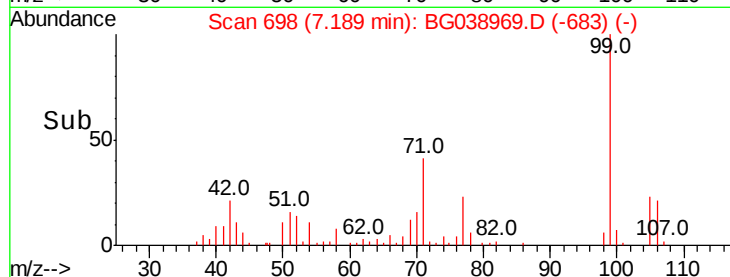
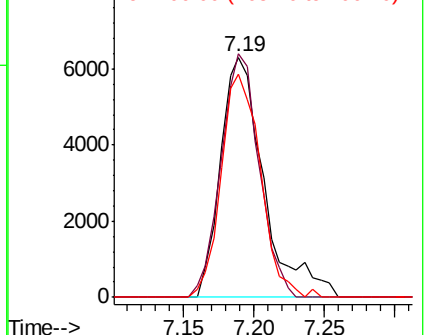
77 100

105 101.5 74.0 114.0

106 92.8 73.9 113.9



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: 44.908 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

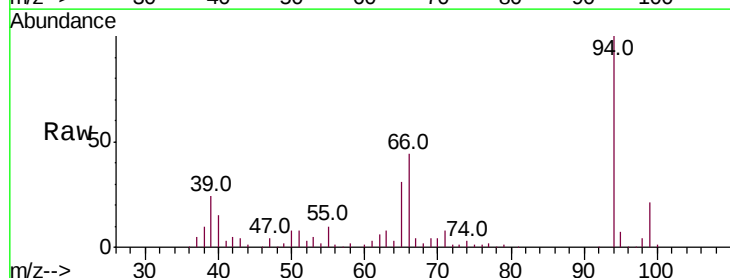
Tgt Ion: 94 Resp: 97575

Ion Ratio Lower Upper

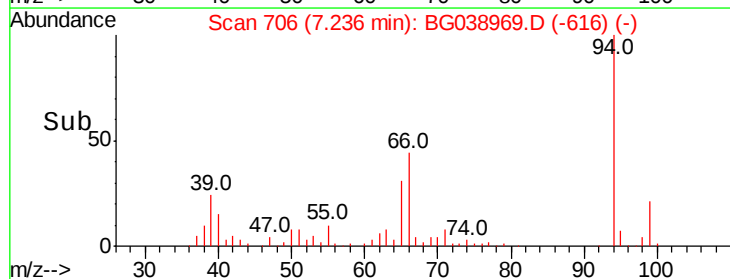
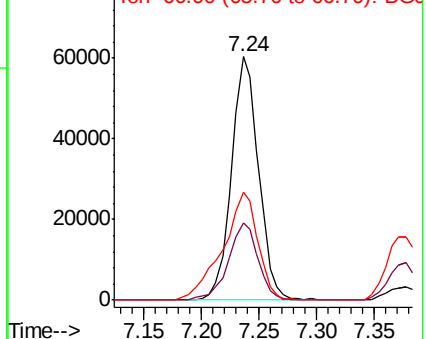
94 100

65 31.5 12.6 52.6

66 44.1 24.1 64.1



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



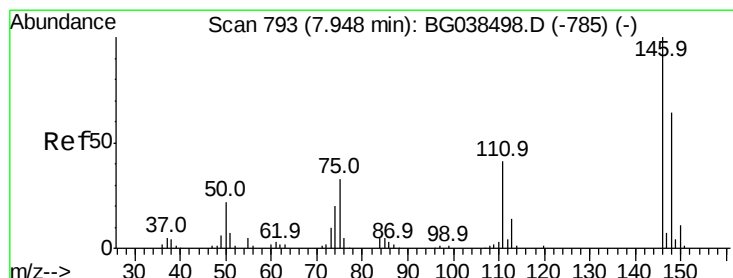
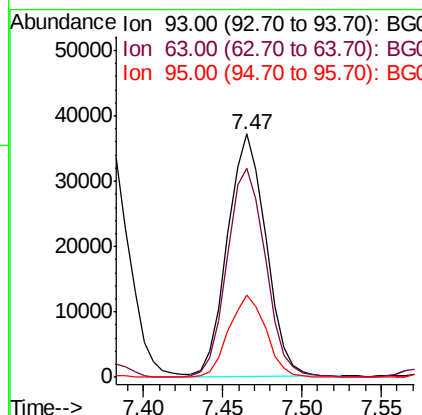
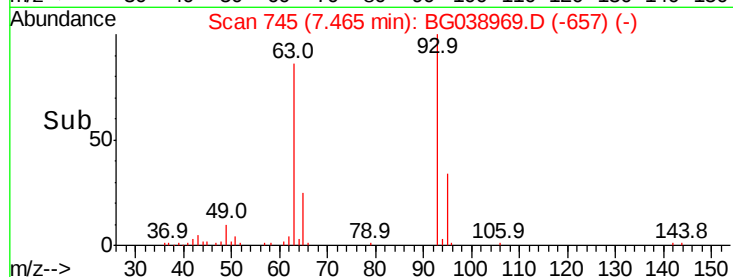
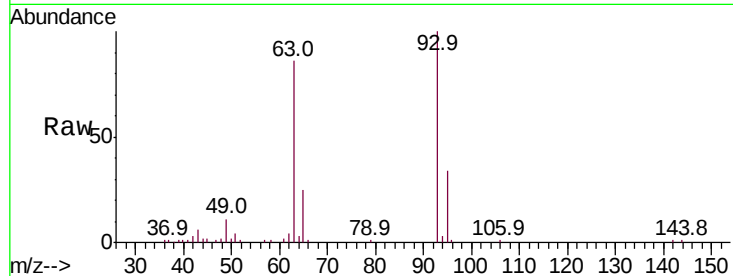


#11

bis(2-Chloroethyl)ether
Concen: 35.815 ng
RT: 7.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Instrument :
BNA_G
ClientSampled :

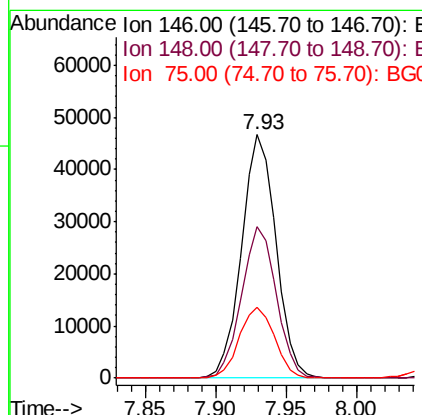
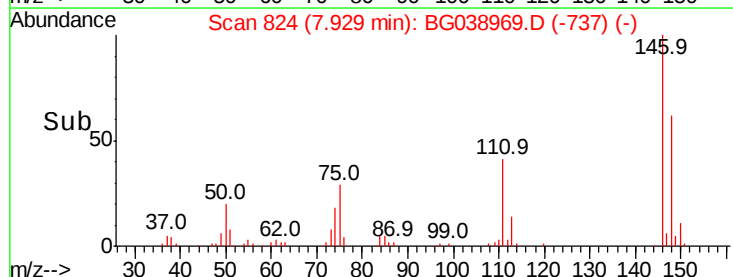
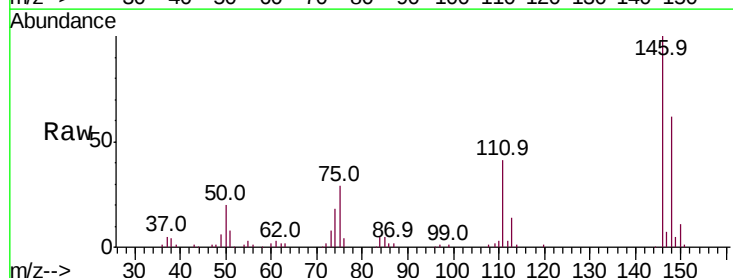
Tot Ion: 93 Resp: 61955
Ion Ratio Lower Upper
93 100
63 86.0 72.2 112.2
95 33.9 11.2 51.2

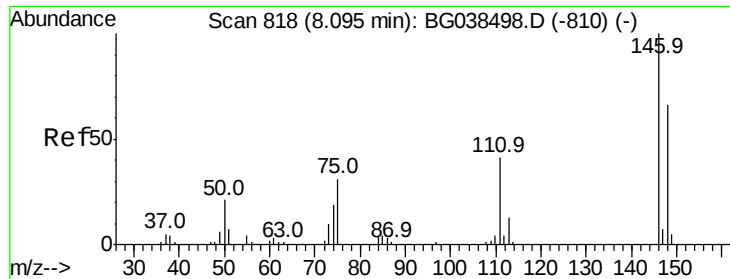


#12

1,3-Dichlorobenzene
Concen: 39.036 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Tgt Ion: 146 Resp: 79571
Ion Ratio Lower Upper
146 100
148 62.0 51.4 77.0
75 29.0 26.1 39.1

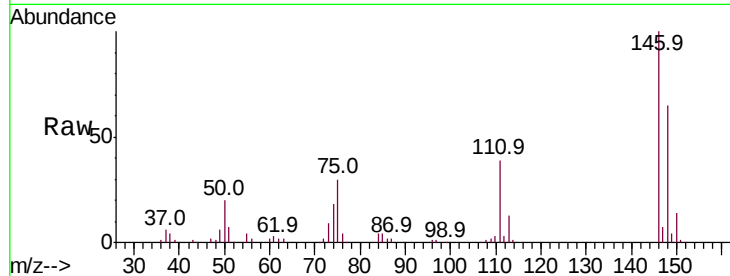




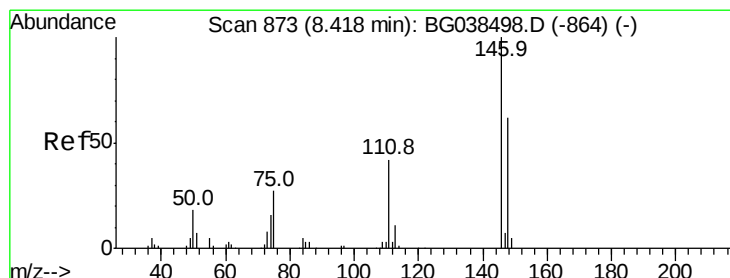
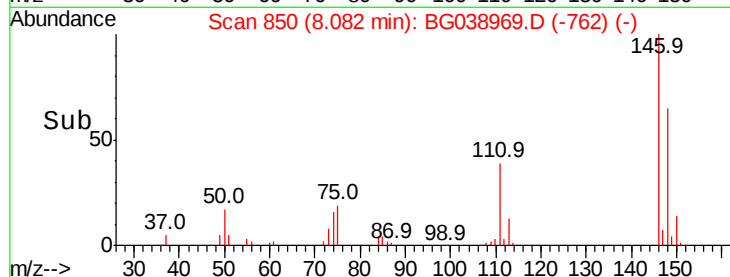
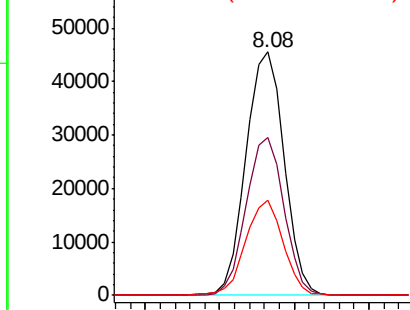
#13
 1,4-Dichlorobenzene
 Concen: 38.525 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BG038969.D
 Acq: 7 Jan 2019 16:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 80427
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.4 78.6
 111 39.2 33.0 49.4

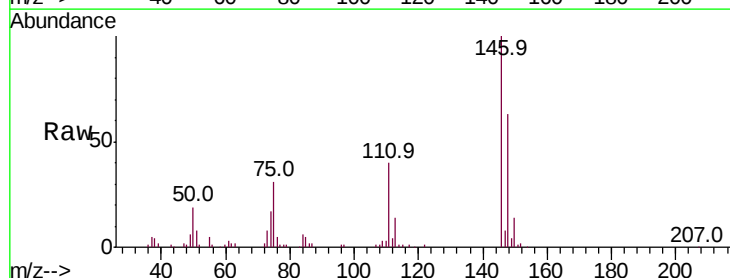


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

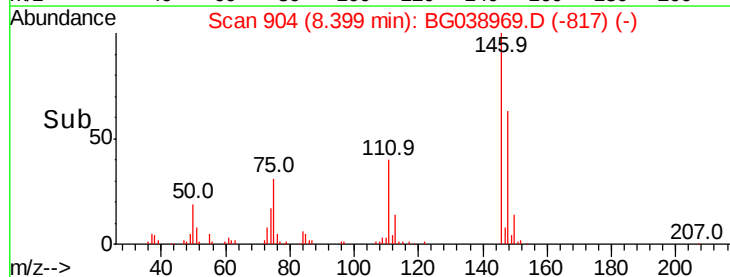
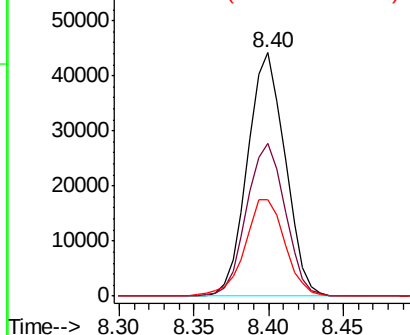


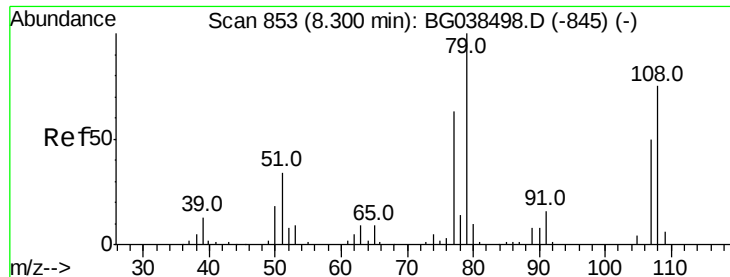
#14
 1,2-Dichlorobenzene
 Concen: 39.171 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG038969.D
 Acq: 7 Jan 2019 16:35

Tgt Ion:146 Resp: 77093
 Ion Ratio Lower Upper
 146 100
 148 62.8 49.4 74.0
 111 39.6 33.8 50.6



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

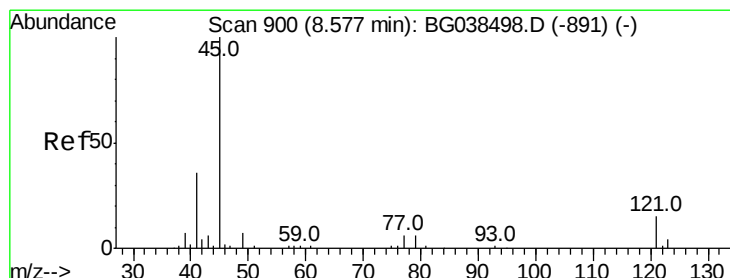
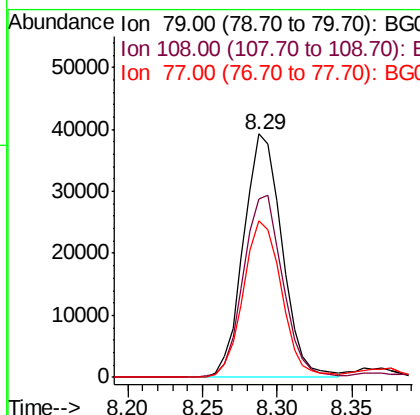
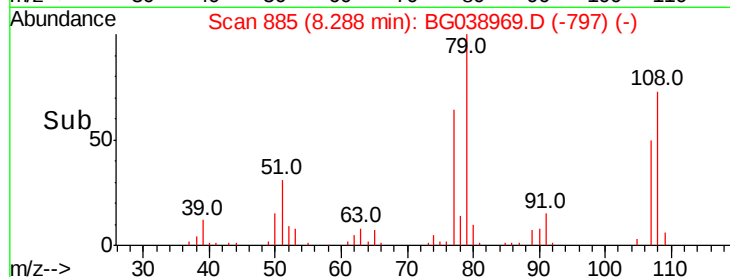
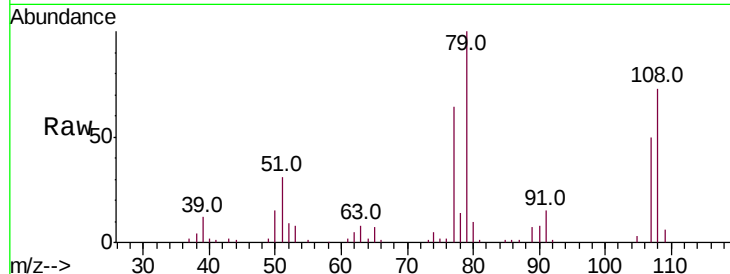




#15
Benzyl Alcohol
Concen: 43.935 ng
RT: 8.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

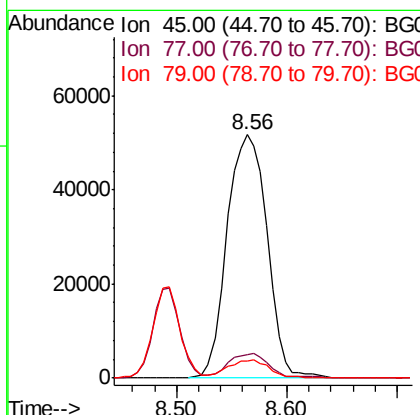
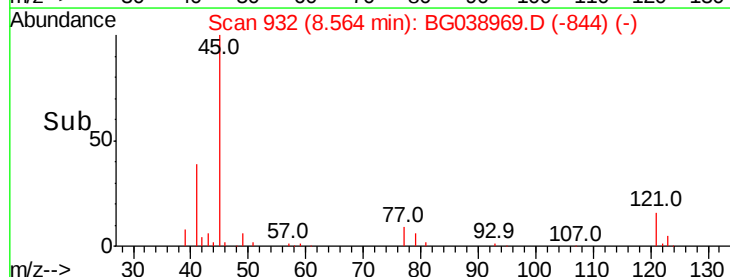
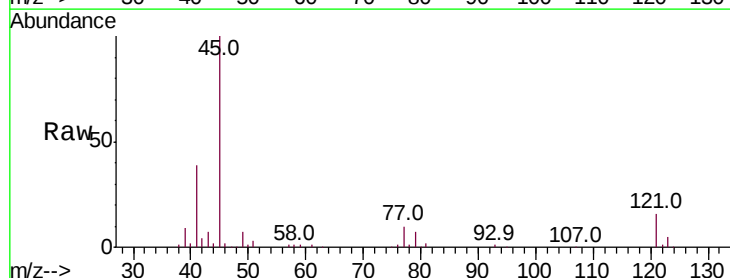
Instrument :
BNA_G
ClientSampled :

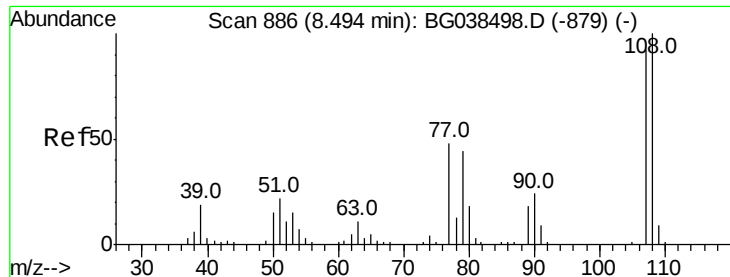
Tot Ion: 79 Resp: 70134
Ion Ratio Lower Upper
79 100
108 73.3 60.2 90.4
77 64.5 50.7 76.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 33.120 ng
RT: 8.56 min Scan# 932
Delta R.T. -0.01 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Tgt Ion: 45 Resp: 131243
Ion Ratio Lower Upper
45 100
77 9.6 0.0 28.2
79 7.2 0.0 27.2

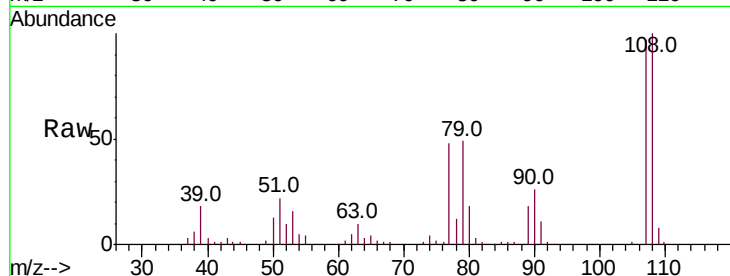




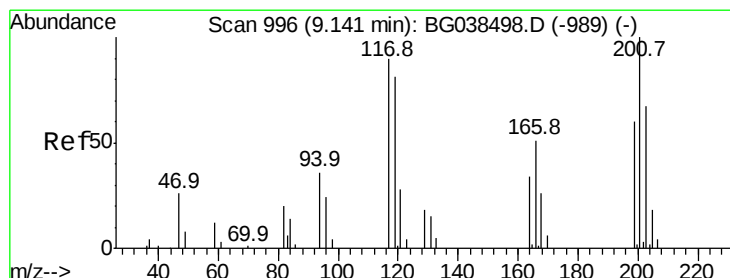
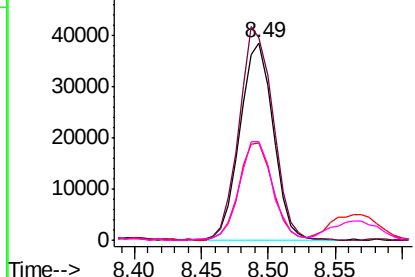
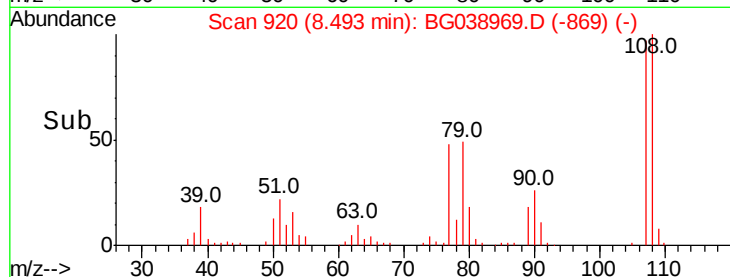
#17
2-Methylphenol
Concen: 45.889 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 66802
Ion Ratio Lower Upper
107 100
108 102.7 87.1 130.7
77 49.5 42.0 63.0
79 50.2 38.2 57.2

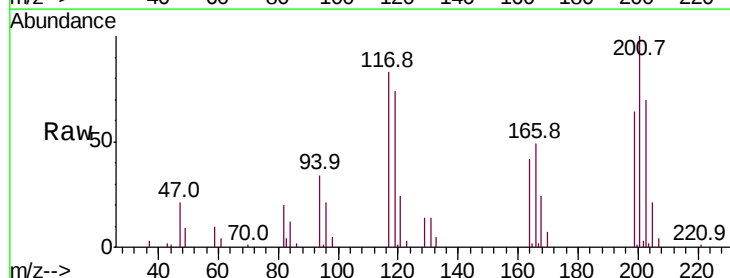


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

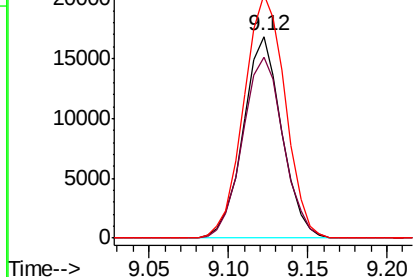
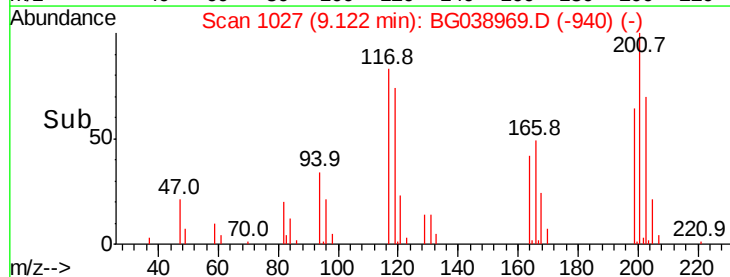


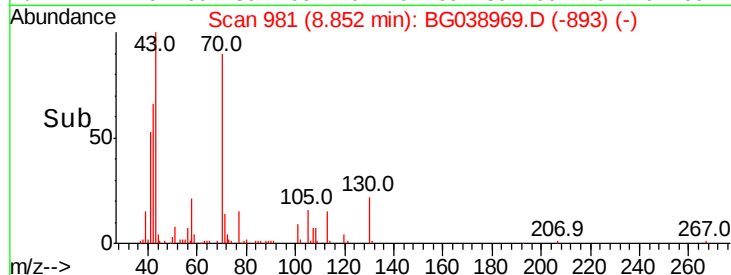
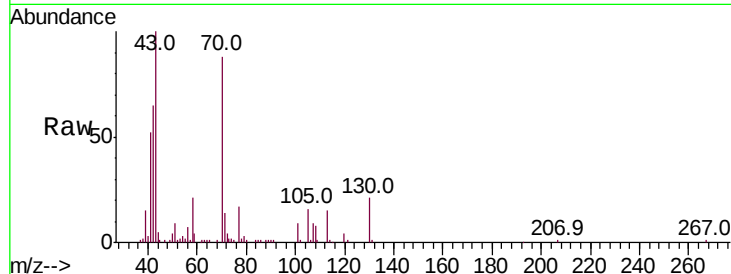
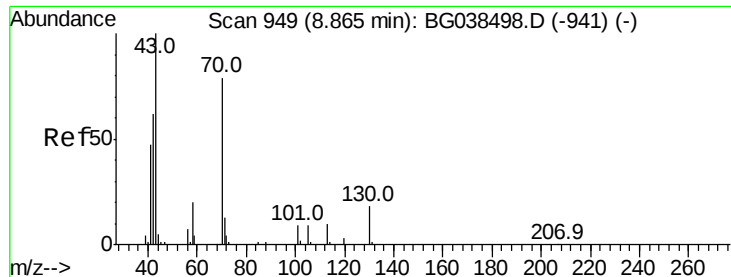
#18
Hexachloroethane
Concen: 37.122 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Tgt Ion:117 Resp: 28319
Ion Ratio Lower Upper
117 100
119 89.7 73.8 110.8
201 123.8 89.4 134.0



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

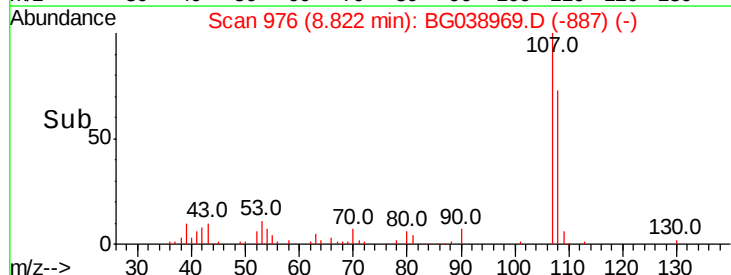
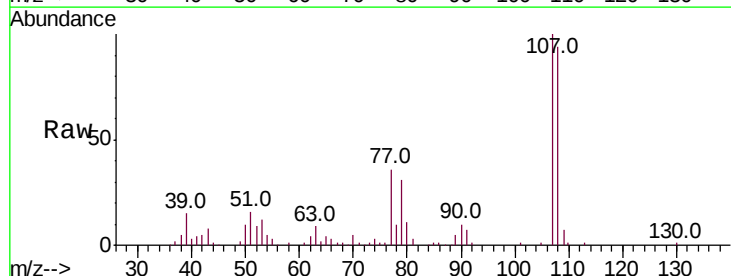
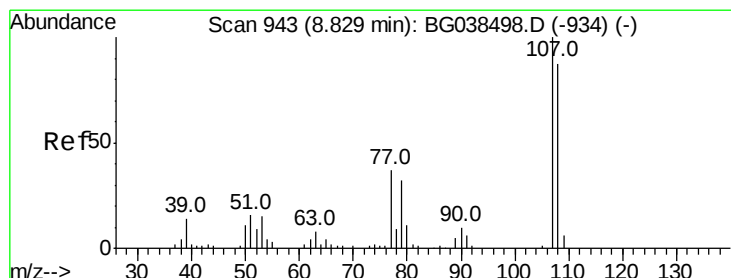
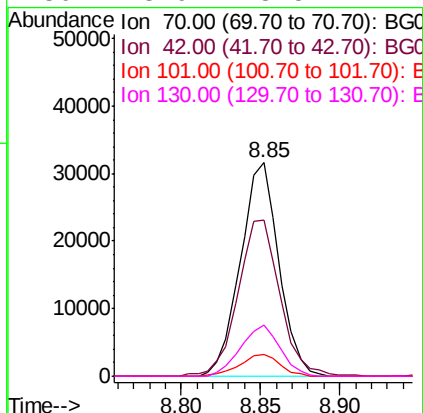




#19
n-Nitroso-di-n-propylamine
Concen: 36.993 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

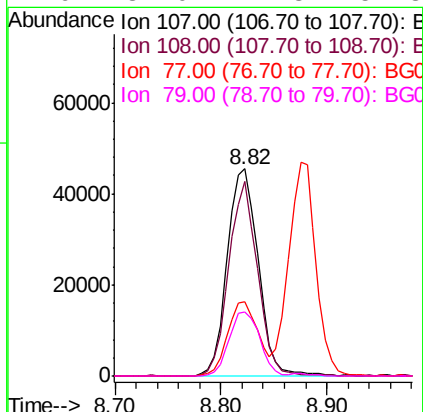
Instrument :
BNA_G
ClientSampleId :

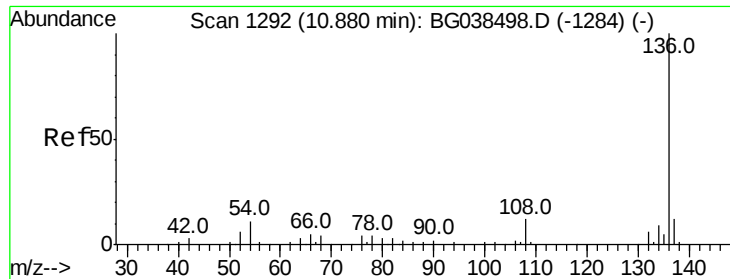
Tot Ion:	70	Resp:	53136
Ion	Ratio	Lower	Upper
70	100		
42	73.2	63.6	95.4
101	9.9	9.2	13.8
130	23.9	18.5	27.7



#20
3+4-Methylphenols
Concen: 45.929 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Tgt Ion:	107	Resp:	92336
Ion	Ratio	Lower	Upper
107	100		
108	93.9	66.7	106.7
77	35.8	17.3	57.3
79	31.0	12.3	52.3

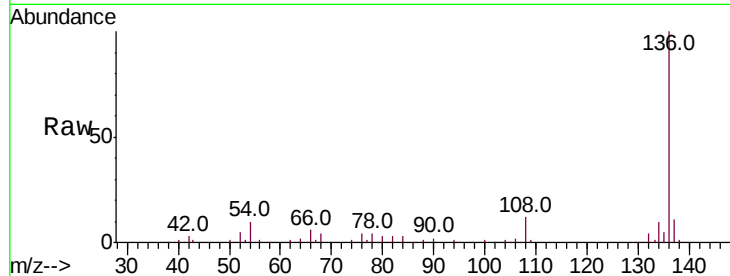




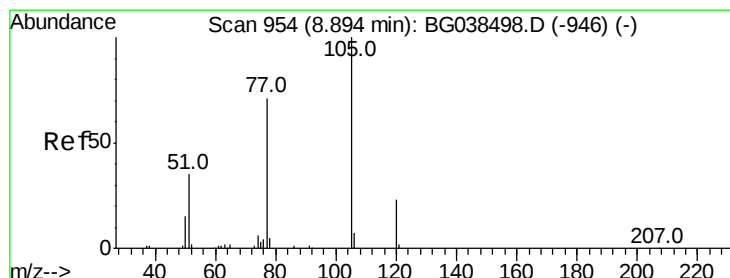
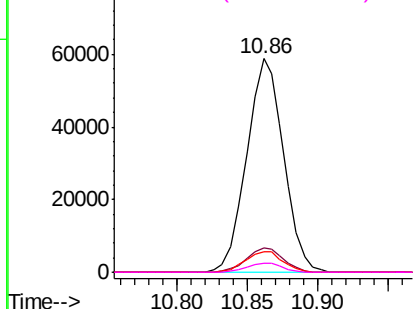
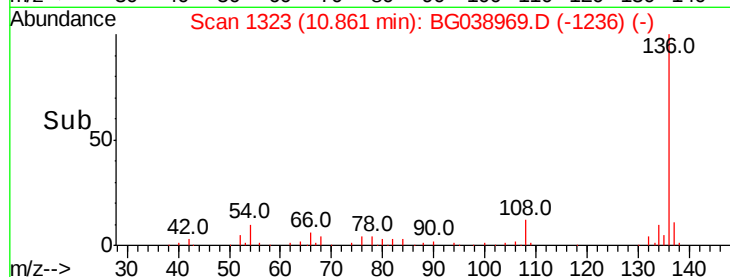
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	107468
Ion	Ratio	Lower Upper
136	100	
137	11.2	9.3 13.9
54	9.9	8.5 12.7
68	4.2	3.5 5.3

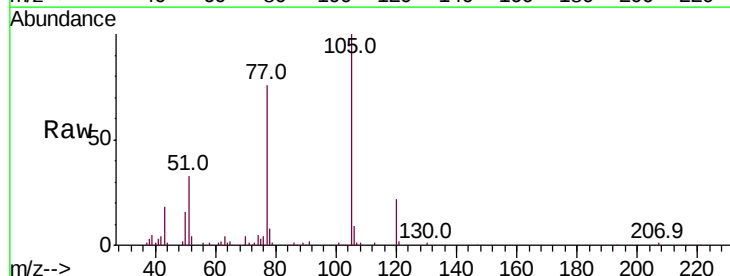


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

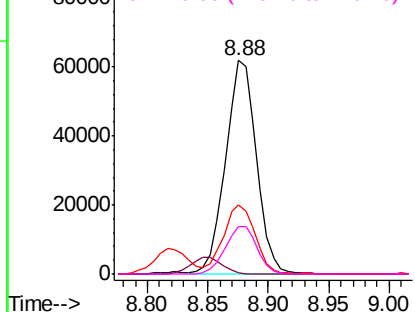
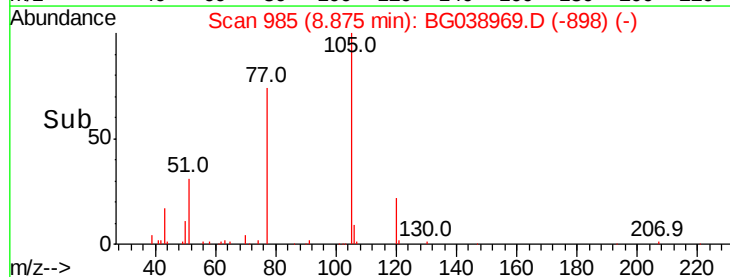


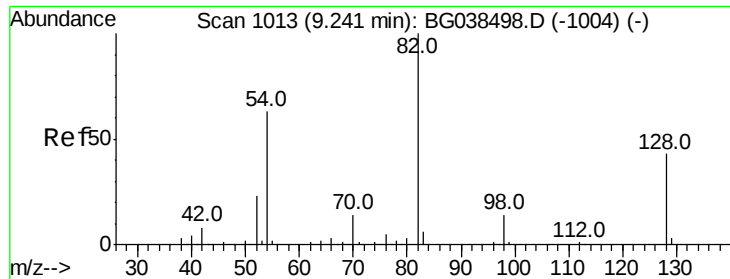
#22
Acetophenone
Concen: 40.907 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Tgt Ion:105	Resp:	109809
Ion	Ratio	Lower Upper
105	100	
71	0.8	0.4 0.6#
51	32.5	30.6 46.0
120	22.1	18.6 28.0



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

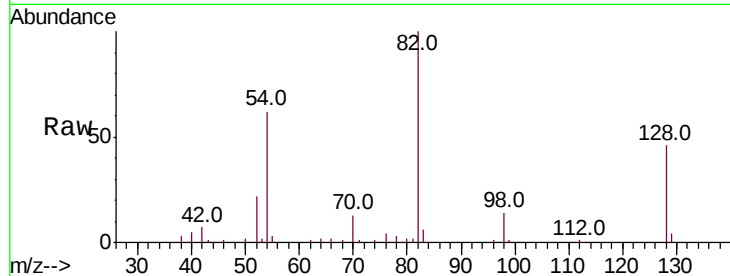




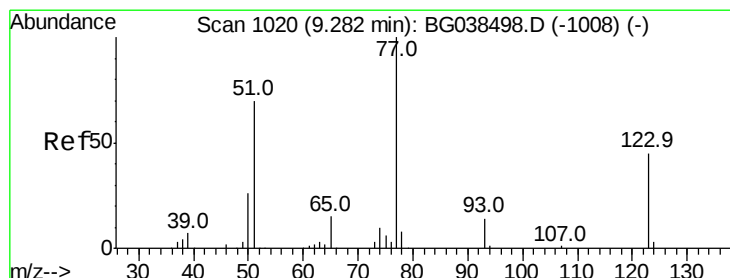
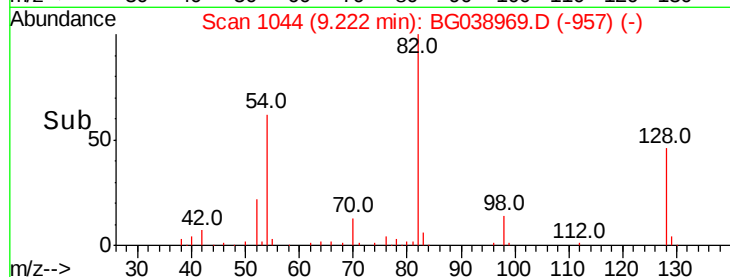
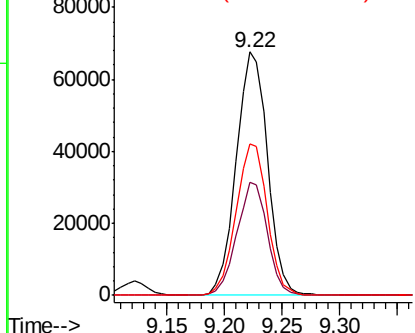
#23
Nitrobenzene-d5
Concen: 60.319 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 126889
Ion Ratio Lower Upper
82 100
128 46.3 34.6 52.0
54 62.4 50.6 76.0

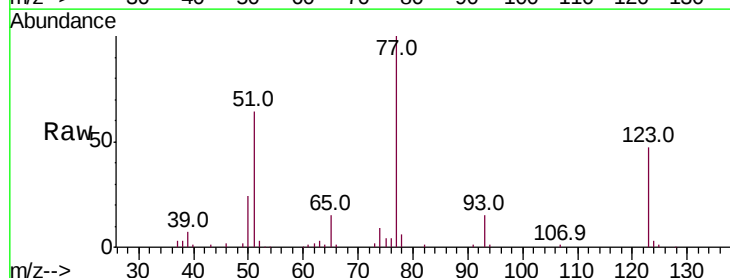


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

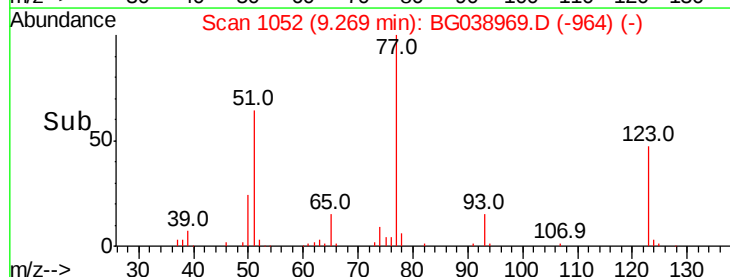
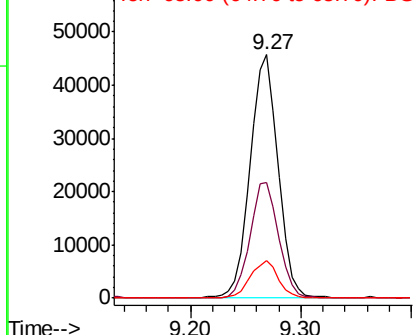


#24
Nitrobenzene
Concen: 38.438 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Tgt Ion: 77 Resp: 81799
Ion Ratio Lower Upper
77 100
123 47.2 35.9 53.9
65 15.2 12.0 18.0



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

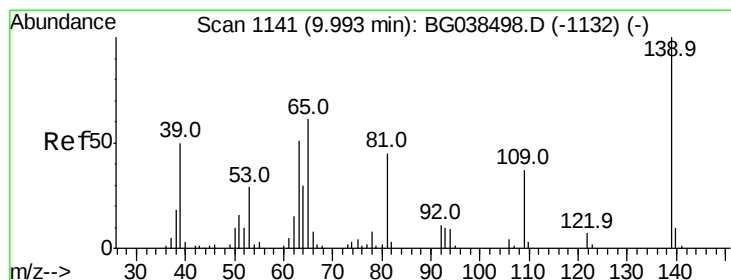
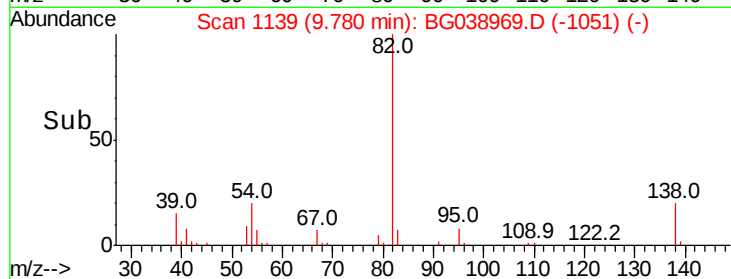
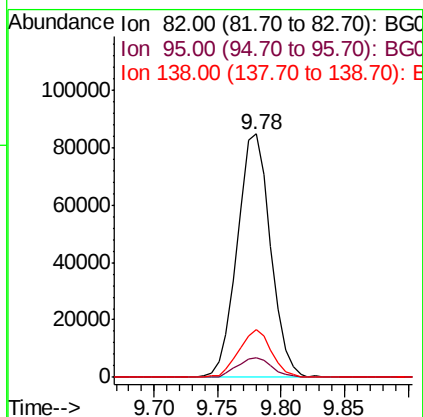
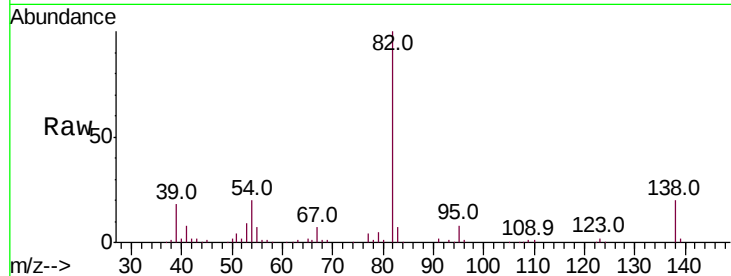




#25
Isophorone
Concen: 40.823 ng
RT: 9.78 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

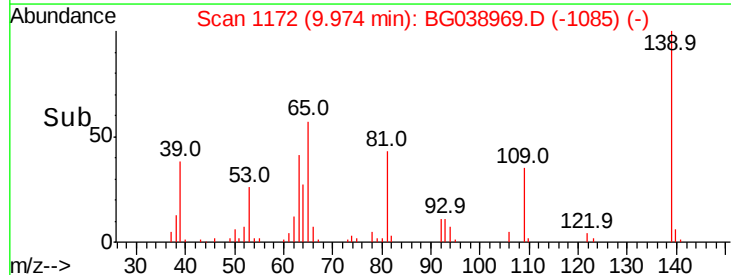
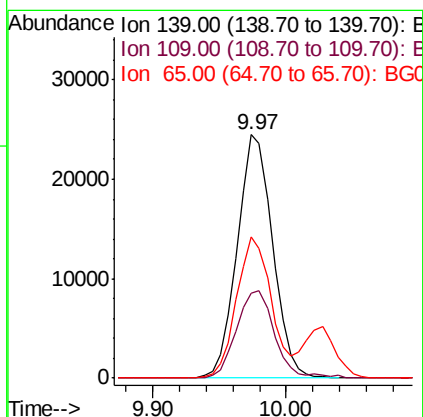
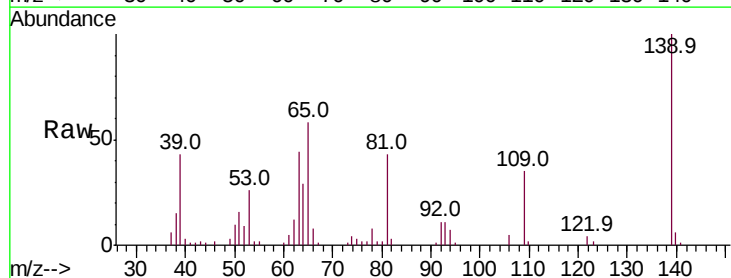
Instrument :
BNA_G
ClientSampleId :

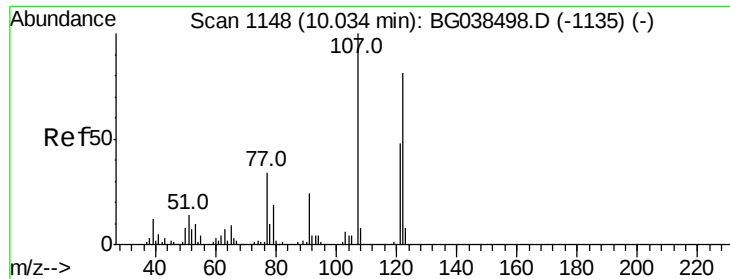
Tot Ion: 82 Resp: 154296
Ion Ratio Lower Upper
82 100
95 7.8 6.1 9.1
138 19.5 14.9 22.3



#26
2-Nitrophenol
Concen: 41.168 ng
RT: 9.97 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Tgt Ion:139 Resp: 44840
Ion Ratio Lower Upper
139 100
109 34.9 29.5 44.3
65 57.8 48.5 72.7

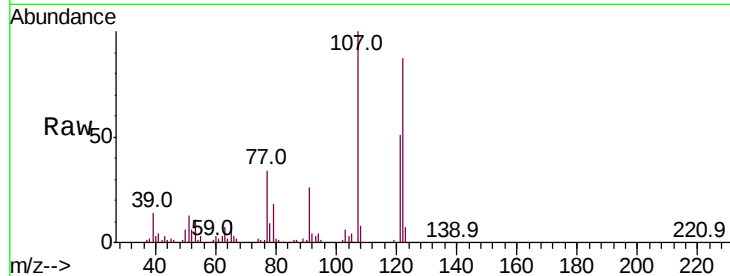




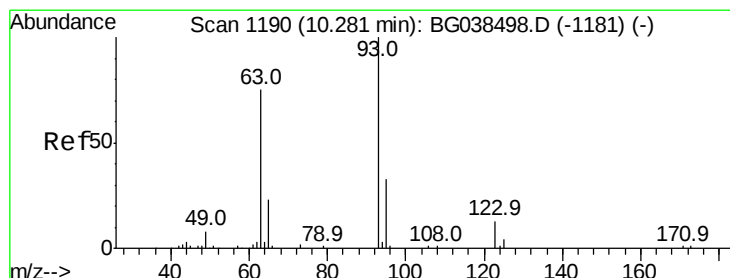
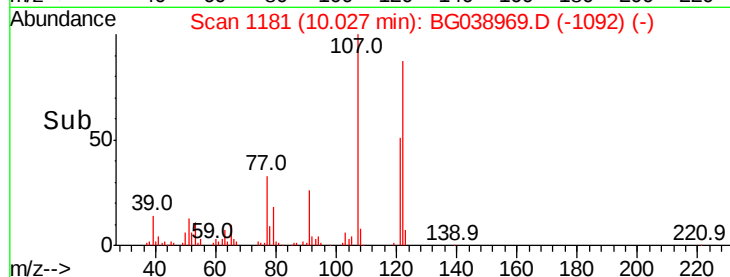
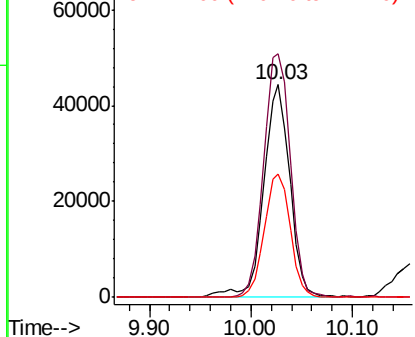
#27
2,4-Dimethylphenol
Concen: 50.864 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 79398
Ion Ratio Lower Upper
122 100
107 114.6 98.4 147.6
121 58.2 47.2 70.8

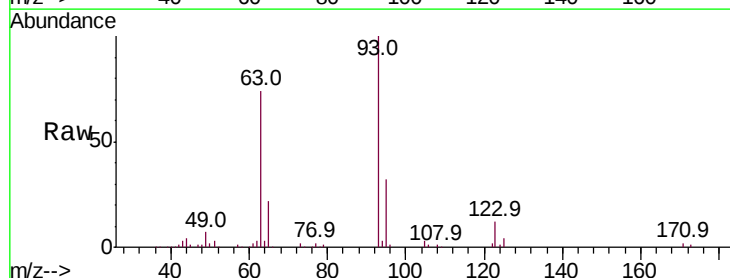


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

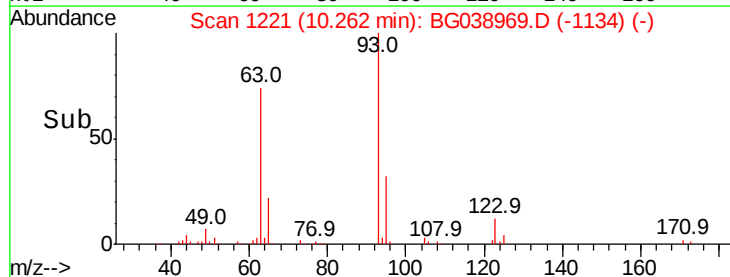
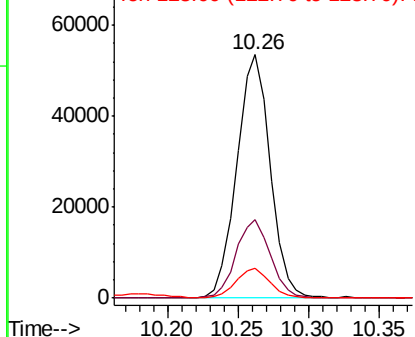


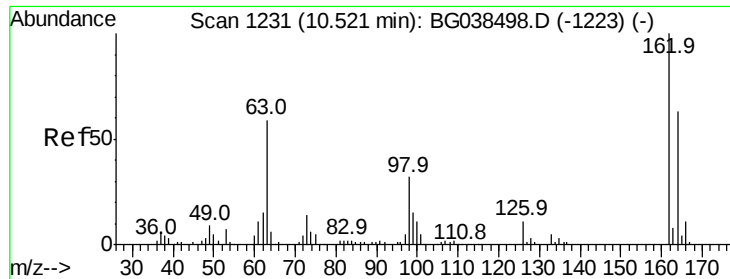
#28
bis(2-Chloroethoxy)methane
Concen: 41.485 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Tgt Ion: 93 Resp: 88486
Ion Ratio Lower Upper
93 100
95 32.1 26.6 40.0
123 12.4 10.6 16.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

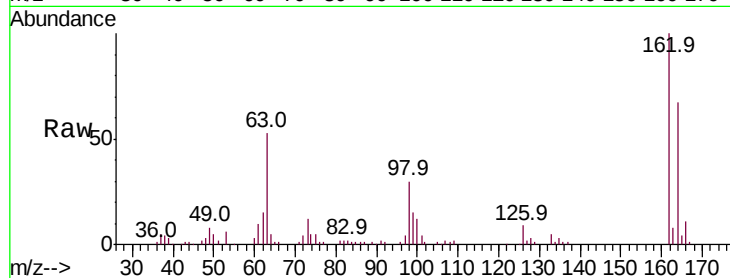




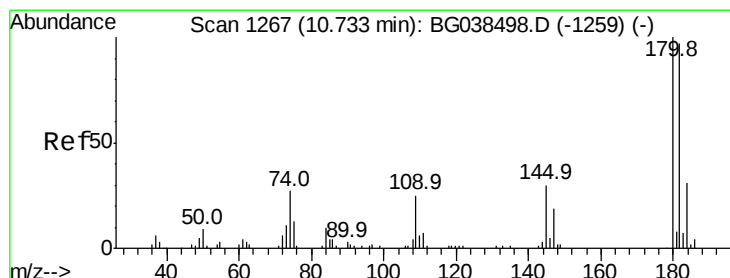
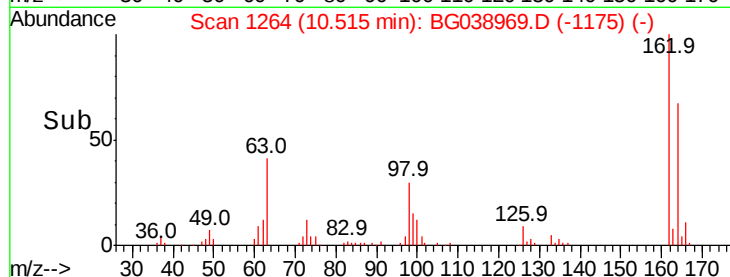
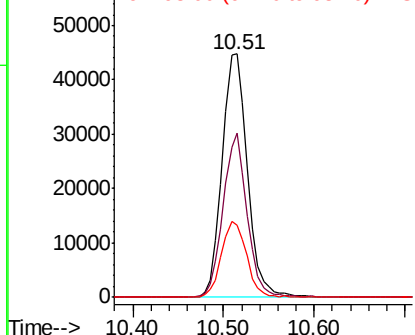
#29
 2,4-Dichlorophenol
 Concen: 49.949 ng
 RT: 10.51 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG038969.D
 Acq: 7 Jan 2019 16:35

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion:162 Resp: 86741
 Ion Ratio Lower Upper
 162 100
 164 67.3 42.9 82.9
 98 29.6 12.1 52.1

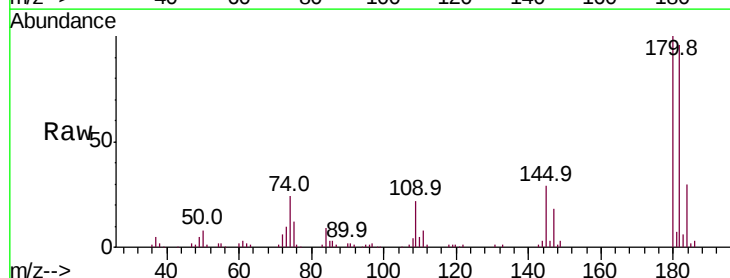


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

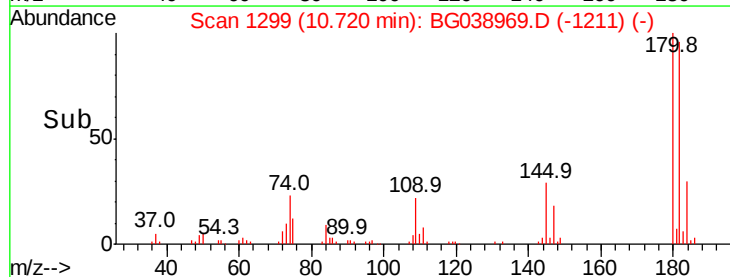
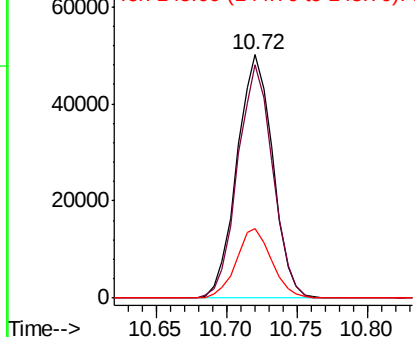


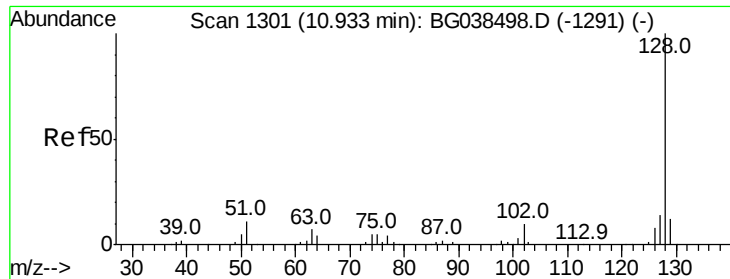
#30
 1,2,4-Trichlorobenzene
 Concen: 42.386 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BG038969.D
 Acq: 7 Jan 2019 16:35

Tgt Ion:180 Resp: 88910
 Ion Ratio Lower Upper
 180 100
 182 96.0 77.4 116.0
 145 28.7 24.1 36.1



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

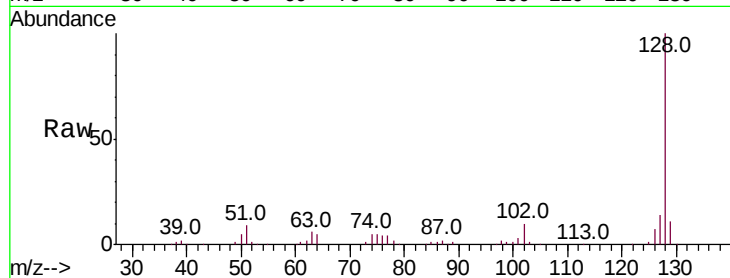




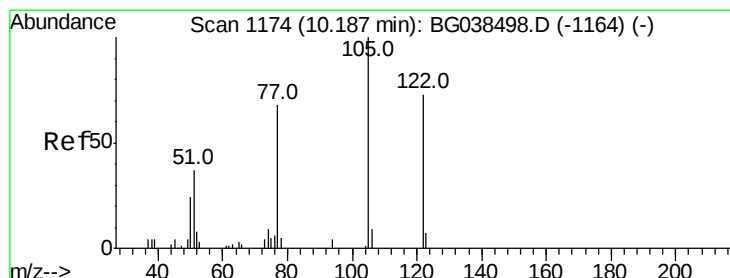
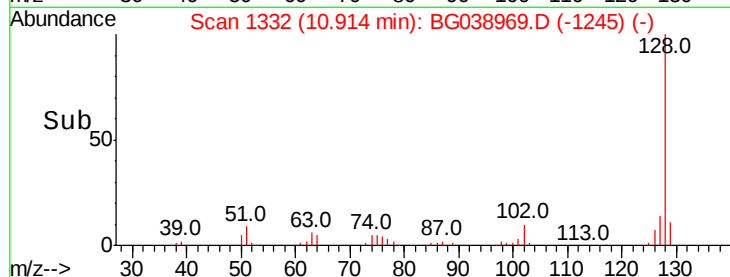
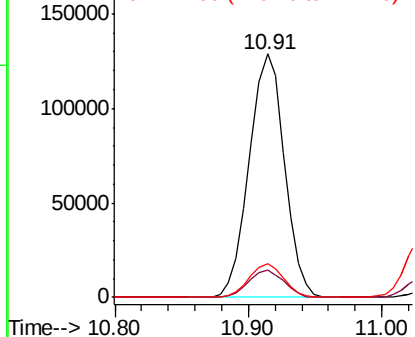
#31
Naphthalene
Concen: 44.375 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 234969
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 13.7 10.9 16.3

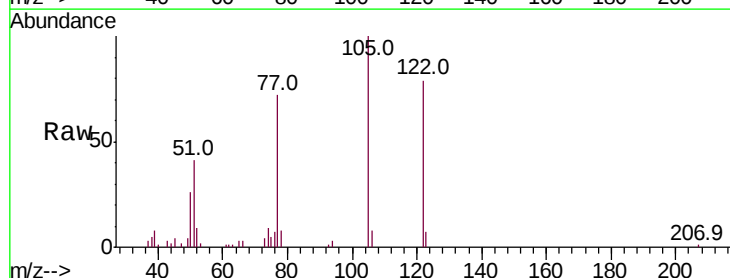


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

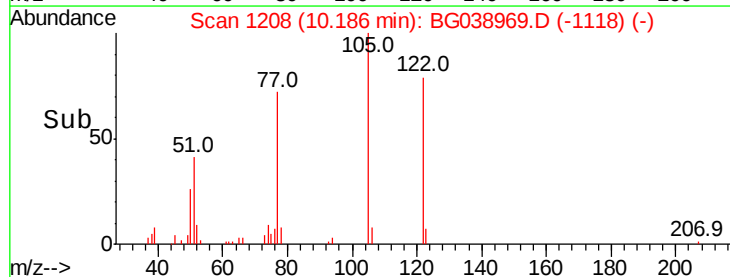
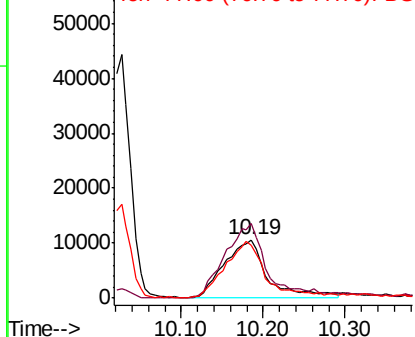


#32
Benzoic acid
Concen: 41.285 ng
RT: 10.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Tgt Ion:122 Resp: 39146
Ion Ratio Lower Upper
122 100
105 127.0 116.7 156.7
77 91.1 72.5 112.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

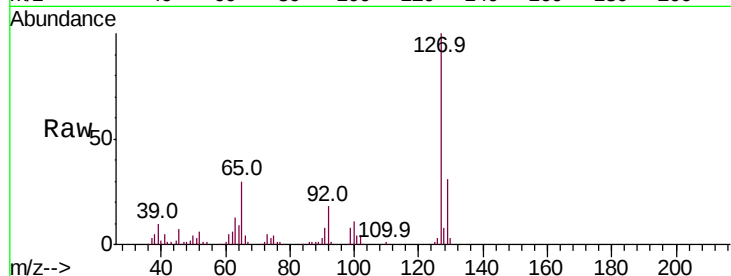




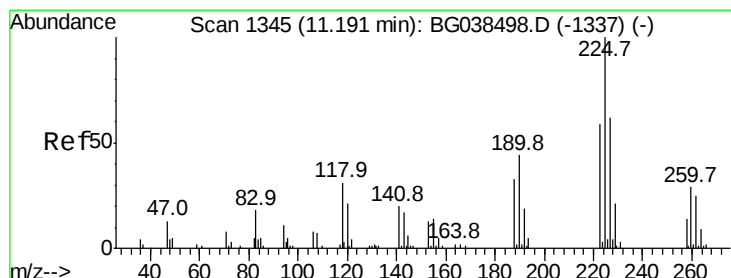
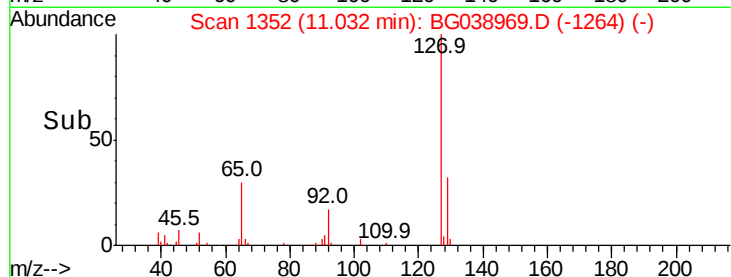
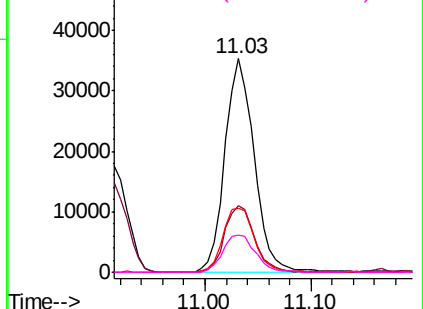
#33
4-Chloroaniline
Concen: 29.682 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Instrument :
BNA_G
ClientSampled :

Tot Ion:127 Resp: 68235
Ion Ratio Lower Upper
127 100
129 31.5 25.8 38.8
65 30.2 27.8 41.6
92 17.6 17.0 25.6

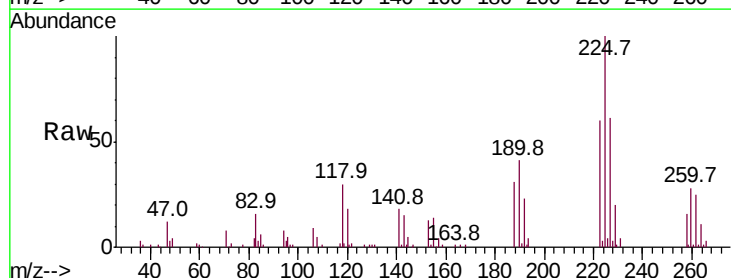


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

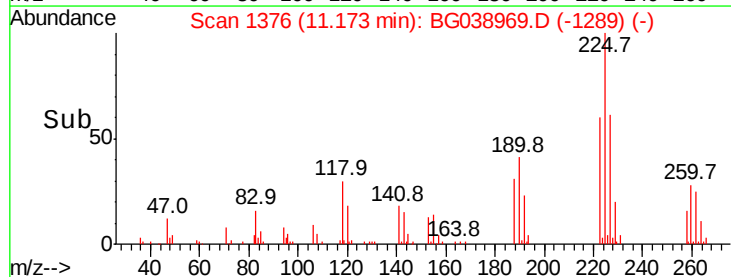
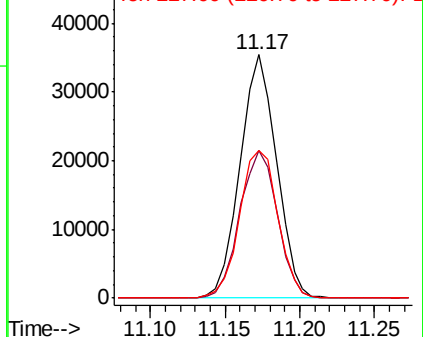


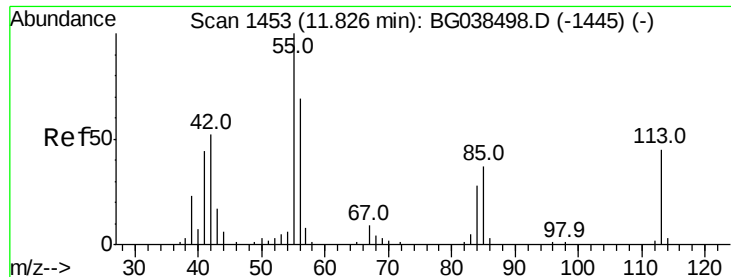
#34
Hexachlorobutadiene
Concen: 42.353 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Tgt Ion:225 Resp: 60114
Ion Ratio Lower Upper
225 100
223 57.9 45.0 67.6
227 60.9 50.6 75.8



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: 25.135 ng

RT: 11.82 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

Instrument :

BNA_G

ClientSampleId :

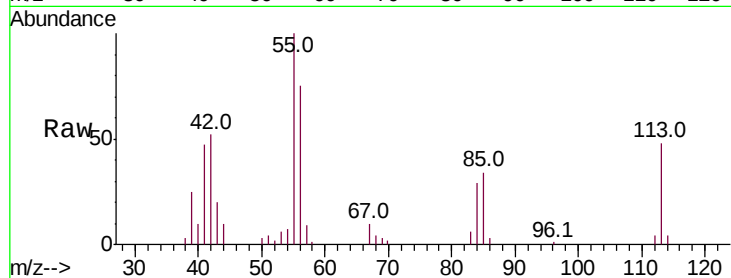
Tot Ion:113 Resp: 18064

Ion Ratio Lower Upper

113 100

55 208.1 204.3 244.3

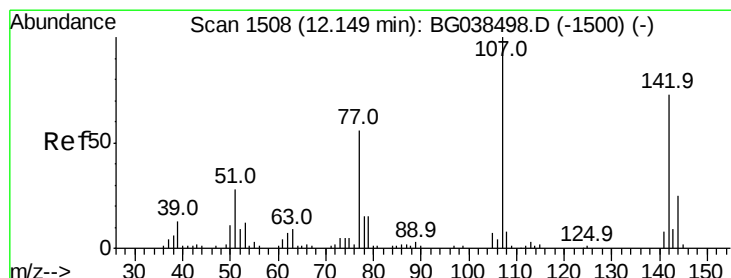
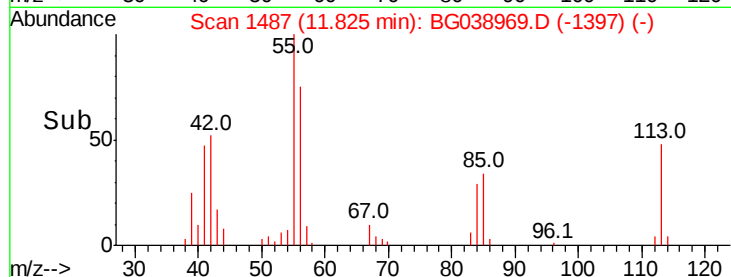
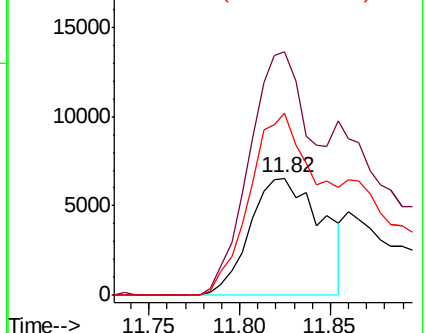
56 155.5 135.0 175.0



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: 44.076 ng

RT: 12.15 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

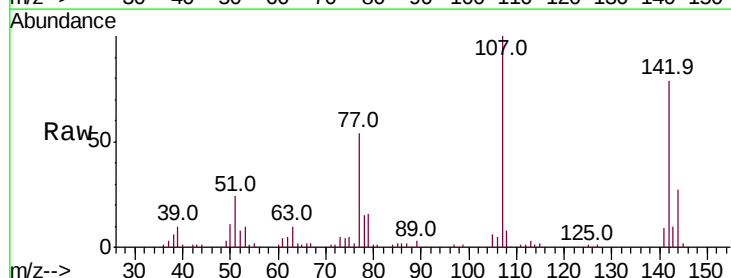
Tgt Ion:107 Resp: 87347

Ion Ratio Lower Upper

107 100

144 27.4 20.1 30.1

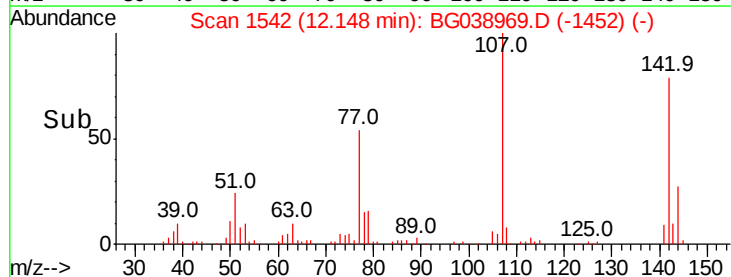
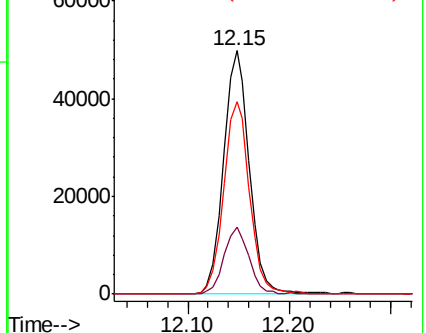
142 79.0 58.7 88.1

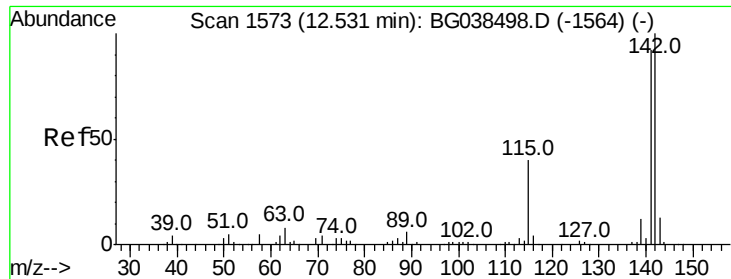


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

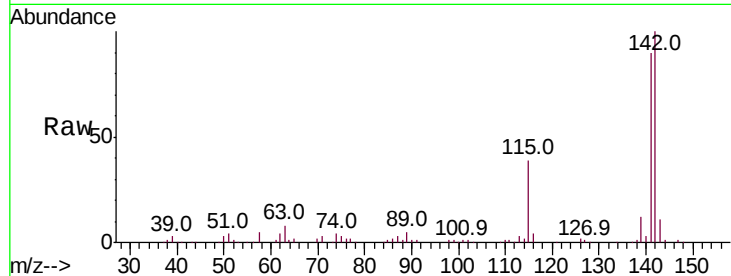




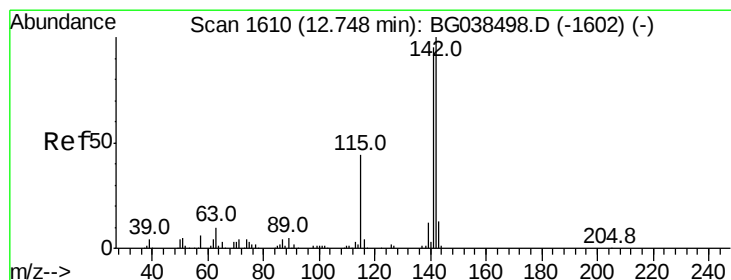
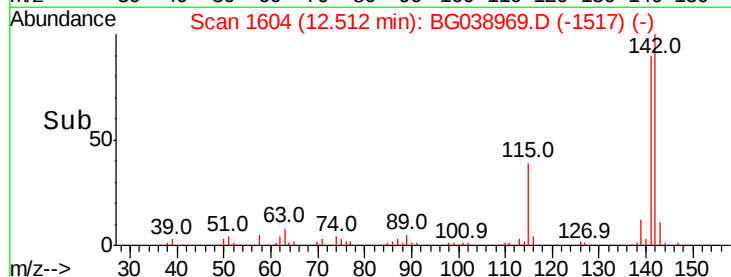
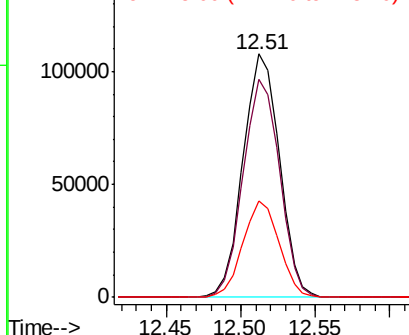
#37
2-Methylnaphthalene
Concen: 48.235 ng
RT: 12.51 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 182209
Ion Ratio Lower Upper
142 100
141 89.7 73.5 110.3
115 39.4 31.7 47.5

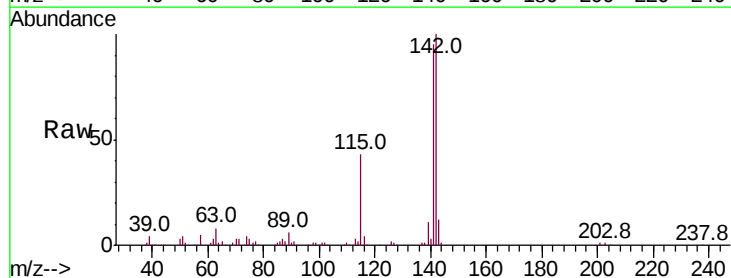


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

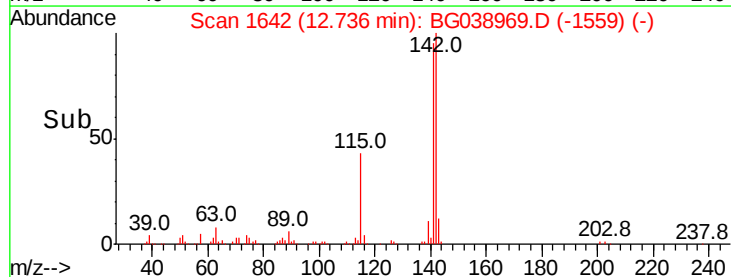
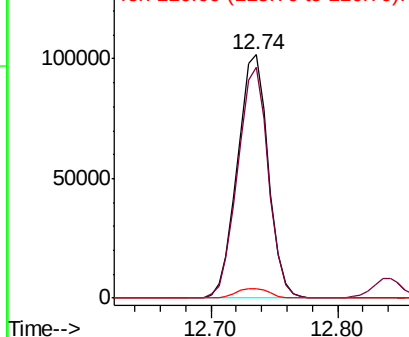


#38
1-Methylnaphthalene
Concen: 46.816 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Tgt Ion:142 Resp: 171610
Ion Ratio Lower Upper
142 100
141 95.0 75.8 113.8
116 4.0 3.6 5.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

Instrument :

BNA_G

ClientSampleId :

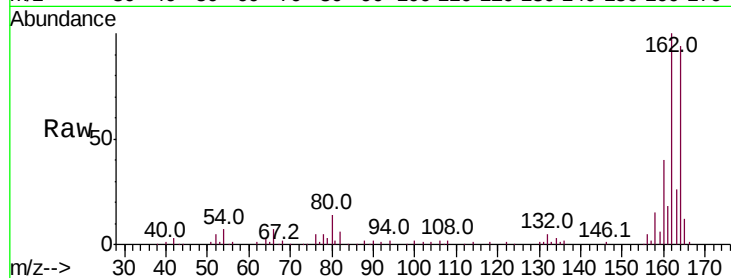
Tot Ion:164 Resp: 73114

Ion Ratio Lower Upper

164 100

162 106.0 86.6 130.0

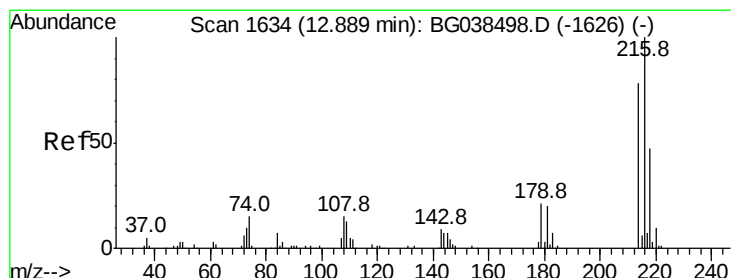
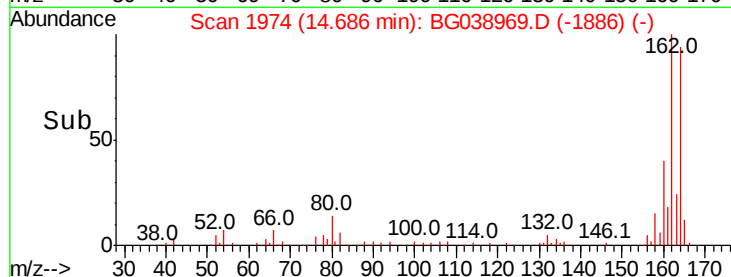
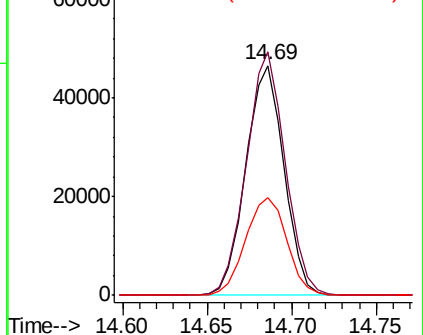
160 42.5 34.2 51.2



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.962 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

Tgt Ion:216 Resp: 111948

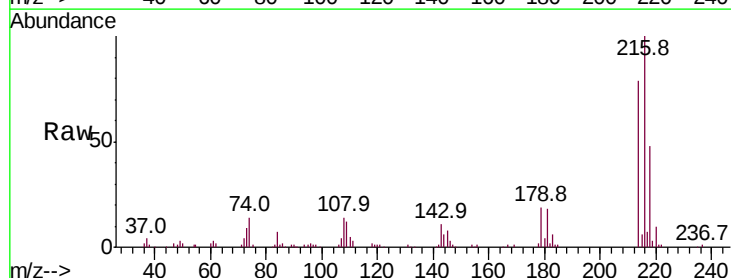
Ion Ratio Lower Upper

216 100

214 79.1 64.1 96.1

179 19.5 16.4 24.6

108 14.0 13.9 20.9

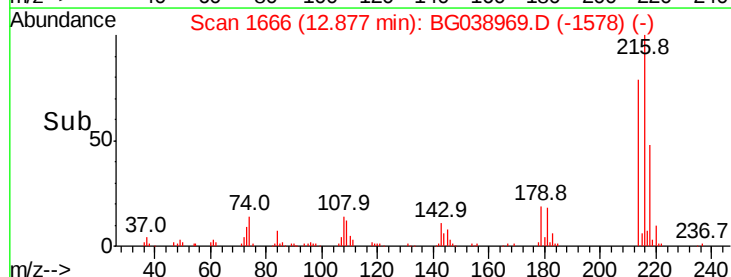
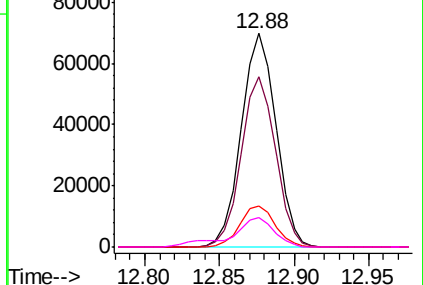


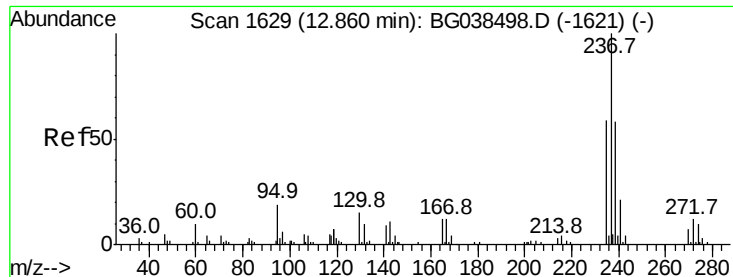
Abundance Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 87.202 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

Instrument :

BNA_G

ClientSampled :

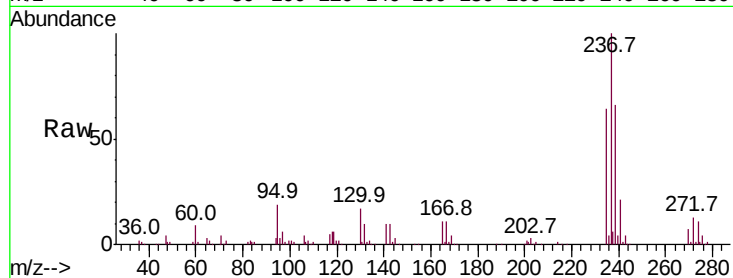
Tot Ion:237 Resp: 130932

Ion Ratio Lower Upper

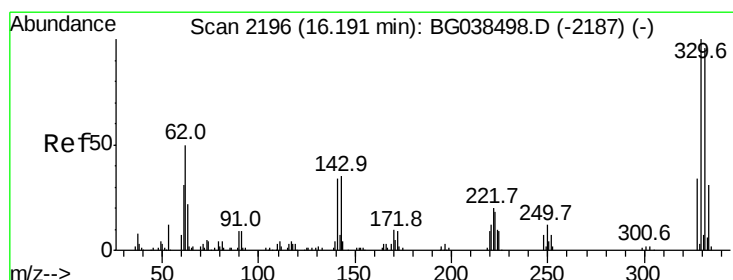
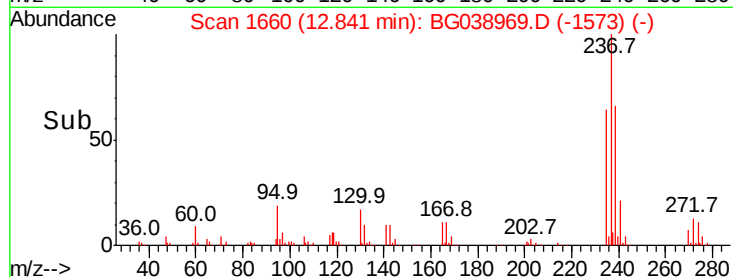
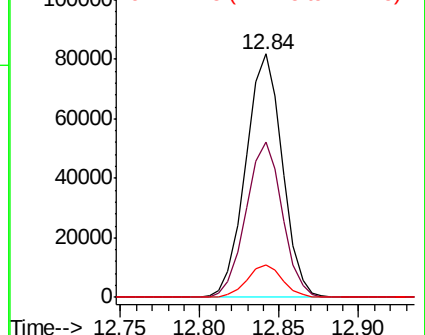
237 100

235 63.6 38.8 78.8

272 13.4 0.0 32.0



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



#42

2,4,6-Tribromophenol

Concen: 134.544 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

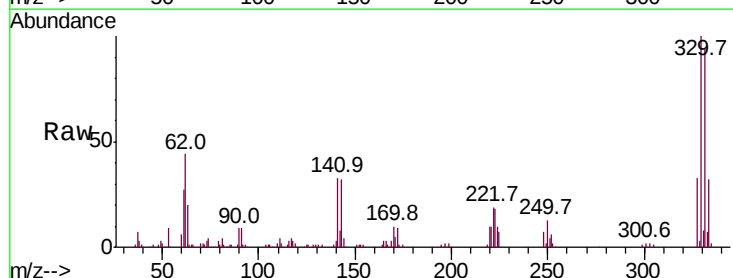
Tgt Ion:330 Resp: 135572

Ion Ratio Lower Upper

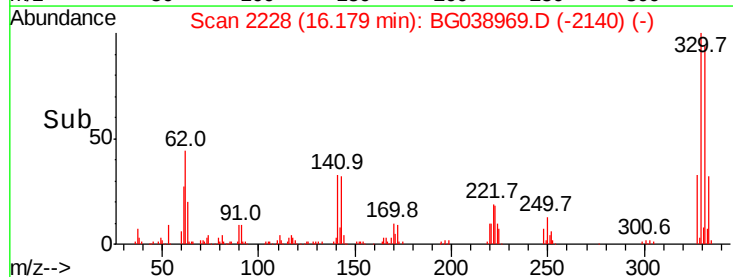
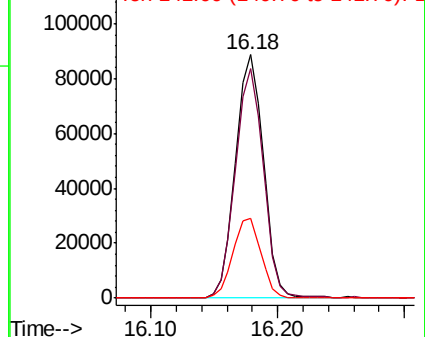
330 100

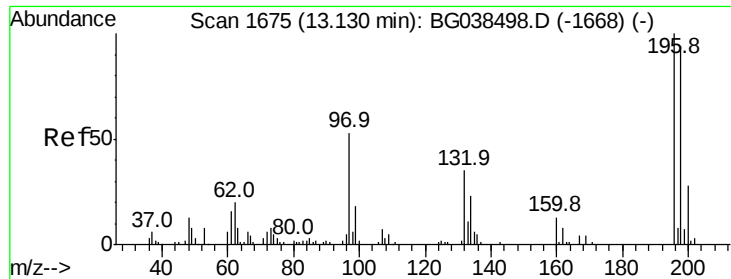
332 94.4 76.9 115.3

141 33.0 28.8 43.2



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

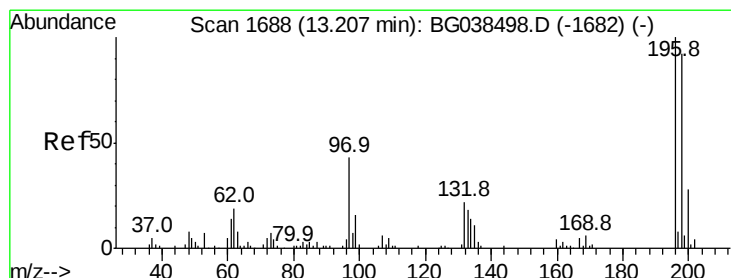
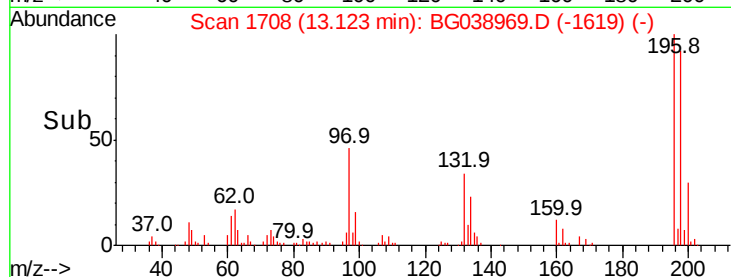
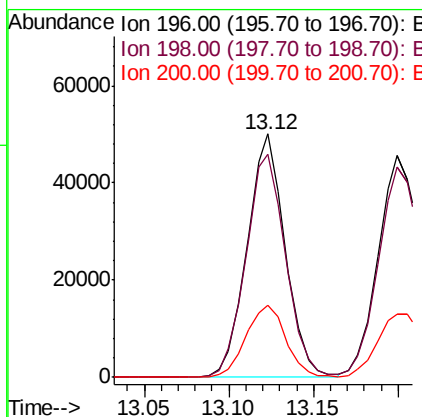
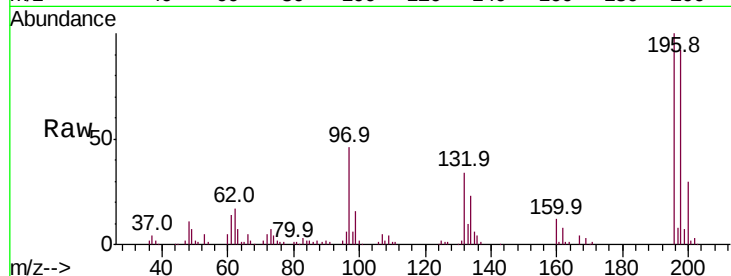




#43
 2,4,6-Trichlorophenol
 Concen: 46.595 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG038969.D
 Acq: 7 Jan 2019 16:35

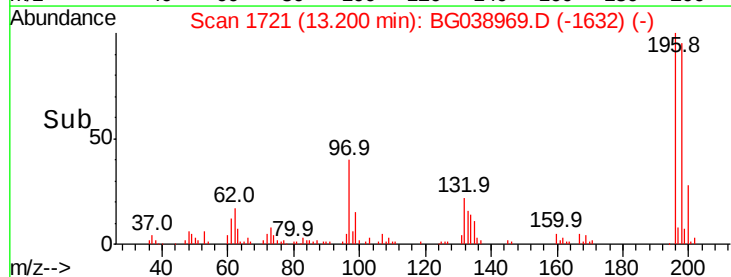
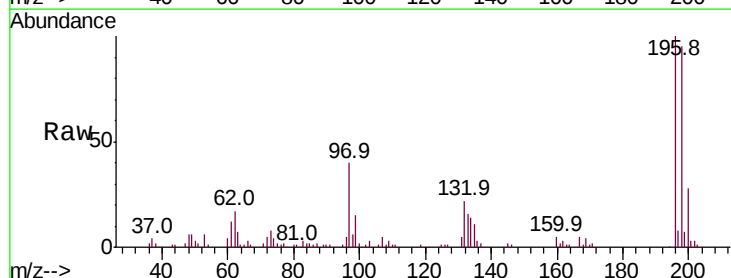
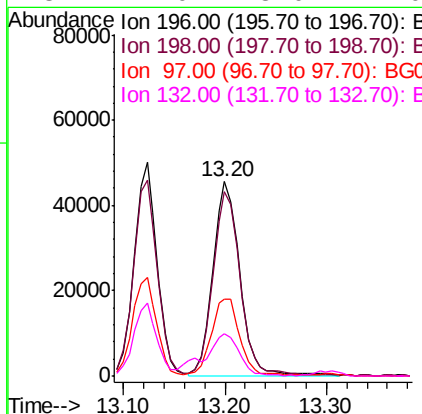
Instrument :
 BNA_G
 ClientSampleId :

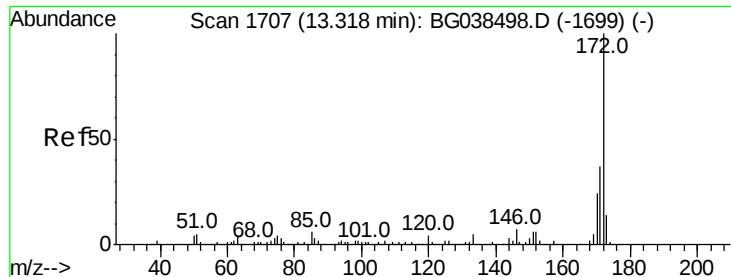
Tot Ion	196	Resp	78298
Ion Ratio	Lower	Upper	
196	100		
198	91.8	75.0	112.4
200	29.9	22.4	33.6



#44
 2,4,5-Trichlorophenol
 Concen: 47.462 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG038969.D
 Acq: 7 Jan 2019 16:35

Tgt Ion	196	Resp	84443
Ion Ratio	Lower	Upper	
196	100		
198	94.8	74.0	111.0
97	39.6	35.1	52.7
132	22.0	18.0	27.0

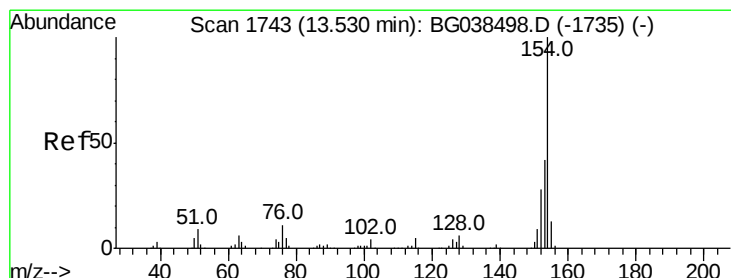
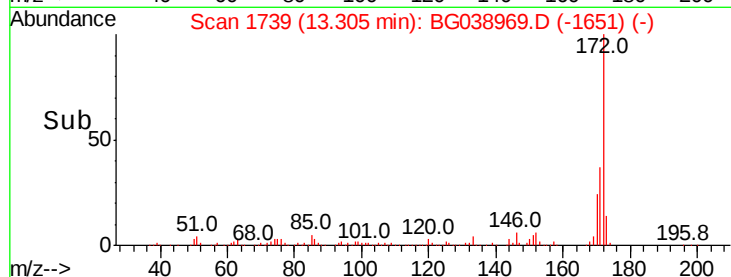
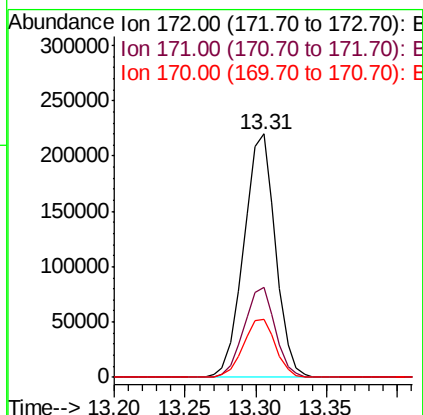
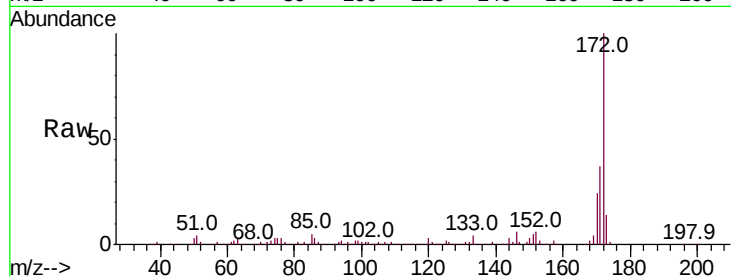




#45
 2-Fluorobiphenyl
 Concen: 64.579 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG038969.D
 Acq: 7 Jan 2019 16:35

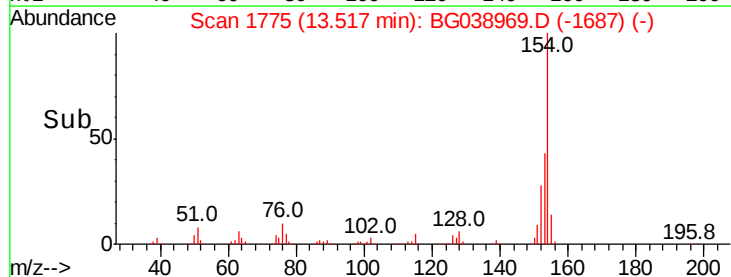
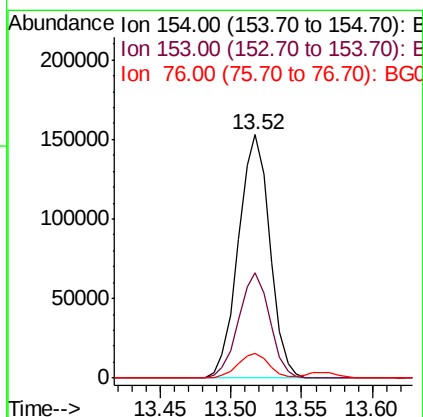
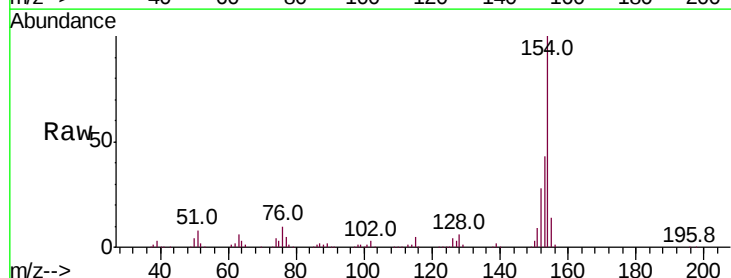
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 344180
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.8 44.6
 170 23.7 19.5 29.3



#46
 1,1'-Biphenyl
 Concen: 38.810 ng
 RT: 13.52 min Scan# 1775
 Delta R.T. -0.01 min
 Lab File: BG038969.D
 Acq: 7 Jan 2019 16:35

Tgt Ion:154 Resp: 237880
 Ion Ratio Lower Upper
 154 100
 153 43.4 22.1 62.1
 76 10.1 0.0 31.2

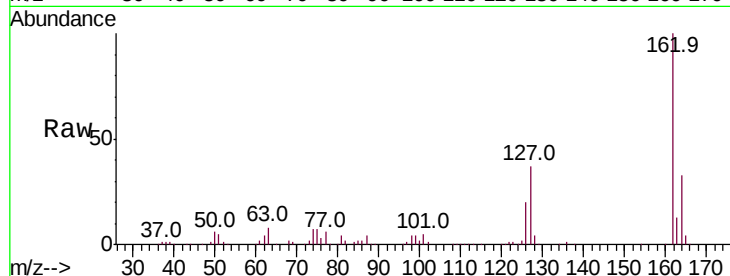




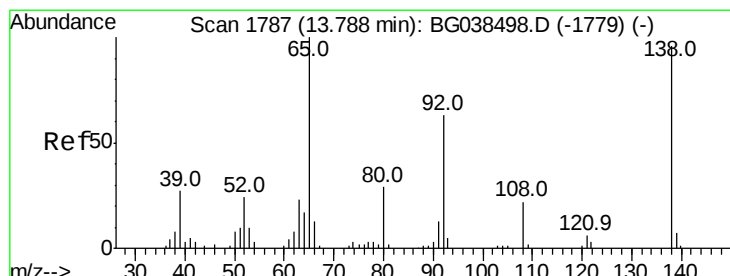
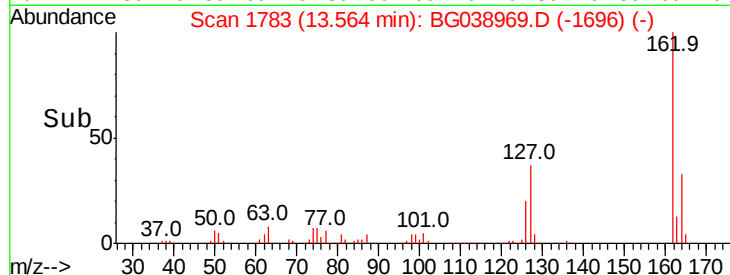
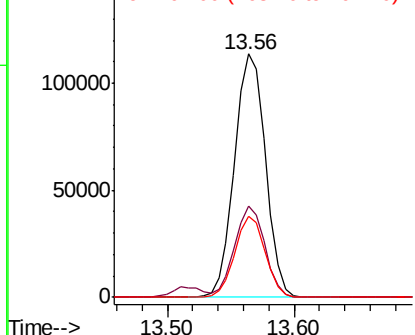
#47
2-Chloronaphthalene
Concen: 40.494 ng
RT: 13.56 min Scan# 1783
Delta R.T. -0.02 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 191722
Ion Ratio Lower Upper
162 100
127 37.4 27.8 41.8
164 33.3 26.9 40.3

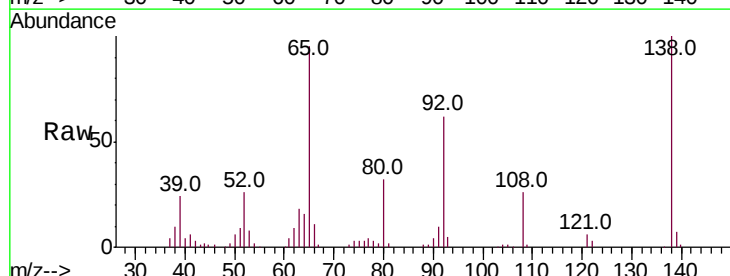


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

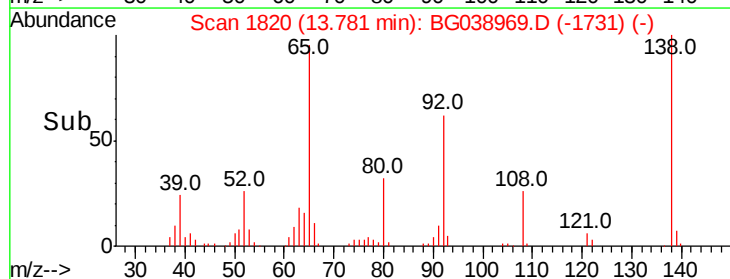
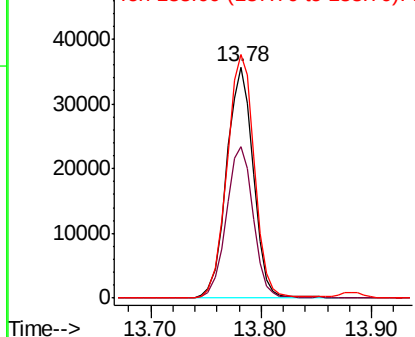


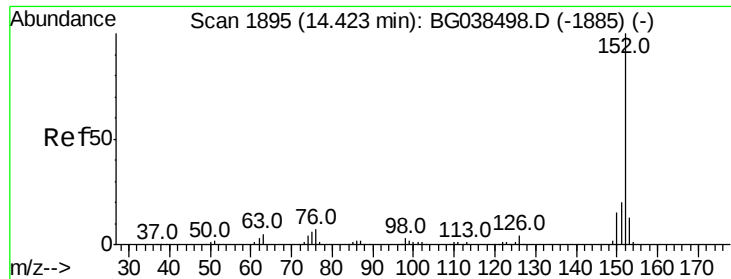
#48
2-Nitroaniline
Concen: 40.186 ng
RT: 13.78 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Tgt Ion: 65 Resp: 60603
Ion Ratio Lower Upper
65 100
92 65.9 50.0 75.0
138 105.5 76.9 115.3



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





#49

Acenaphthylene

Concen: 44.706 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

Instrument :

BNA_G

ClientSampleId :

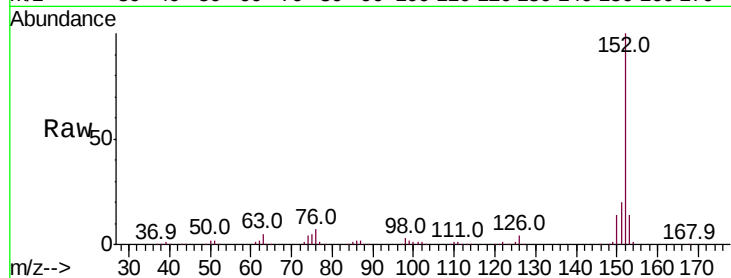
Tot Ion:152 Resp: 316428

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

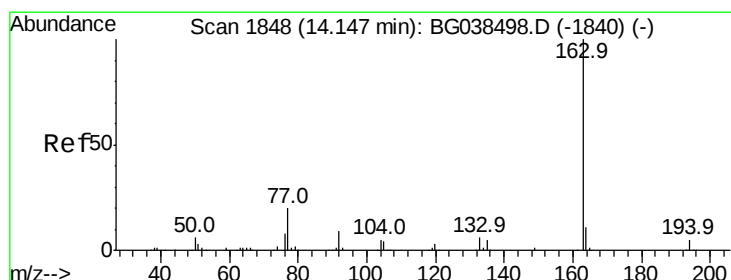
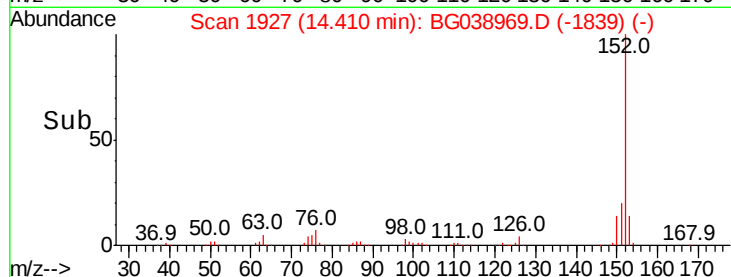
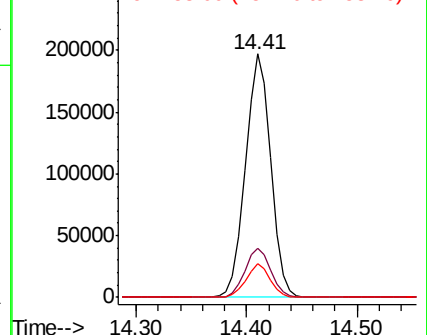
153 13.9 10.4 15.6



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



#50

Dimethylphthalate

Concen: 42.698 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

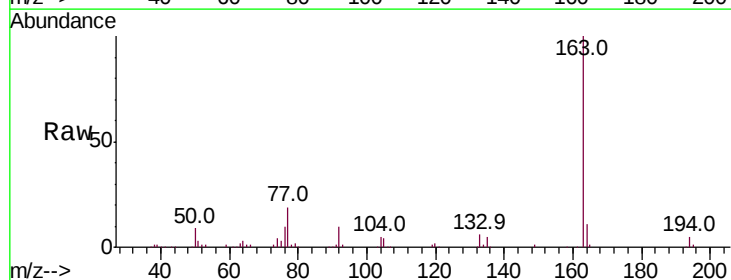
Tgt Ion:163 Resp: 254940

Ion Ratio Lower Upper

163 100

194 4.8 3.7 5.5

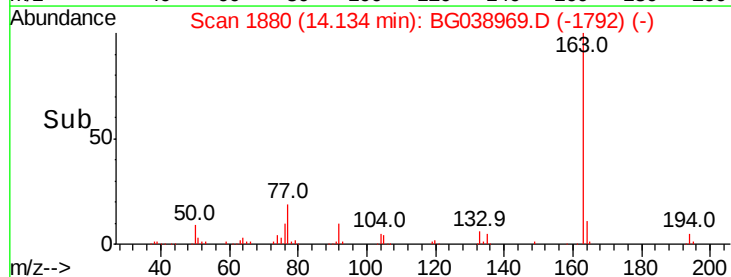
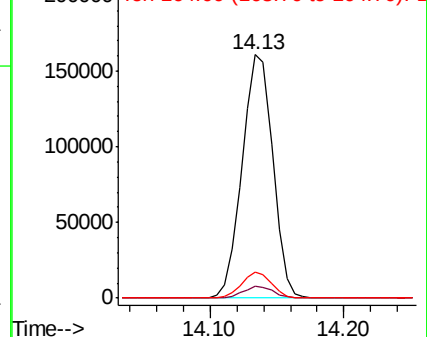
164 10.6 8.6 12.8

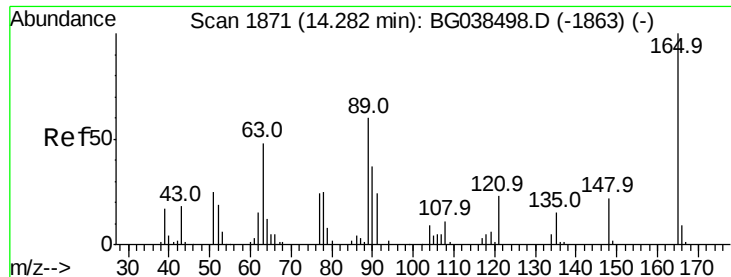


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

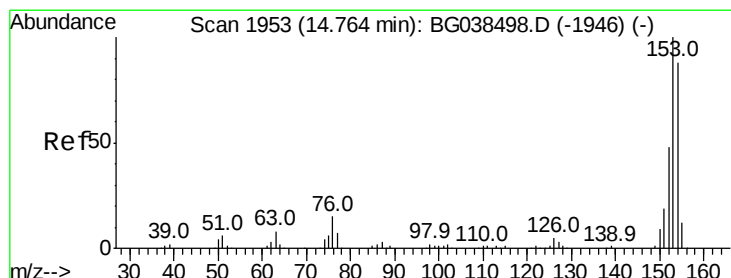
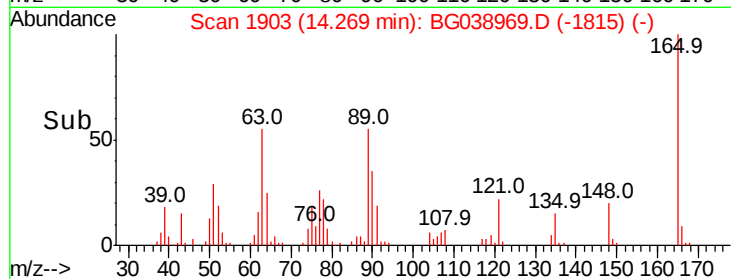
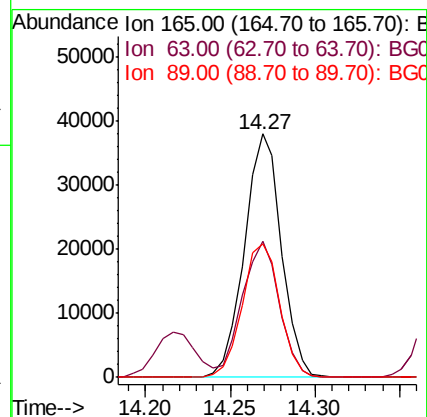
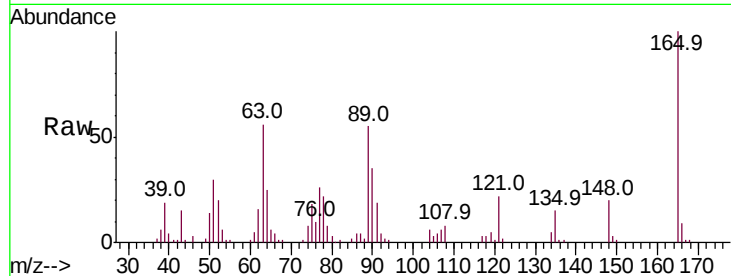




#51
 2,6-Dinitrotoluene
 Concen: 42.591 ng
 RT: 14.27 min Scan# 1903
 Delta R.T. -0.01 min
 Lab File: BG038969.D
 Acq: 7 Jan 2019 16:35

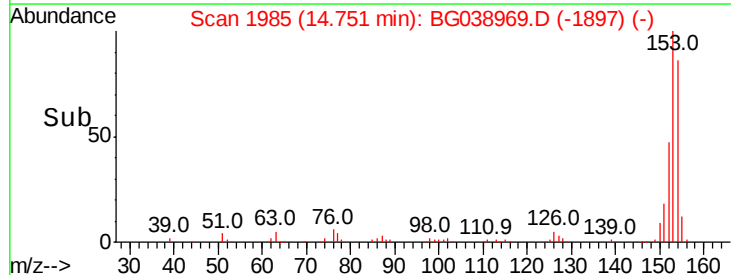
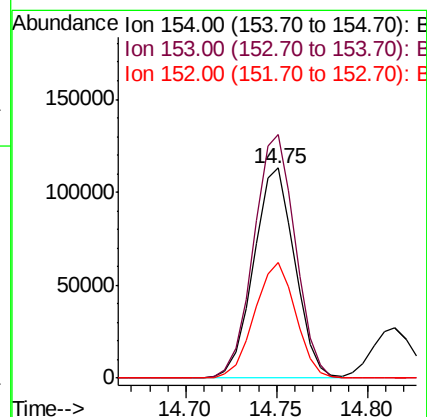
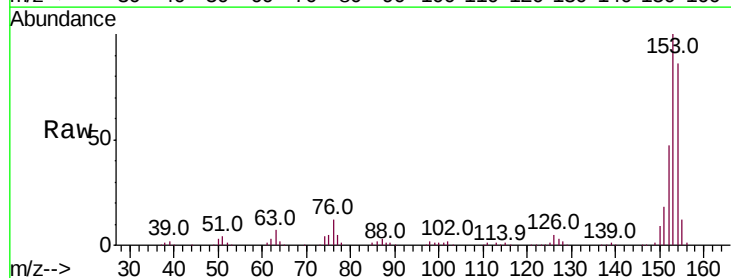
Instrument :
 BNA_G
 ClientSampled :

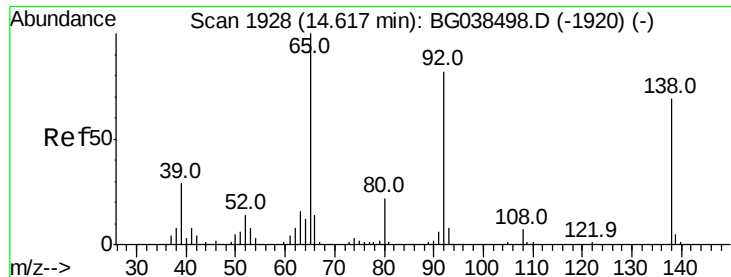
Tot Ion:165 Resp: 57628
 Ion Ratio Lower Upper
 165 100
 63 55.7 51.8 77.6
 89 54.9 47.9 71.9



#52
 Acenaphthene
 Concen: 42.114 ng
 RT: 14.75 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BG038969.D
 Acq: 7 Jan 2019 16:35

Tgt Ion:154 Resp: 178242
 Ion Ratio Lower Upper
 154 100
 153 115.8 90.6 136.0
 152 55.0 43.5 65.3

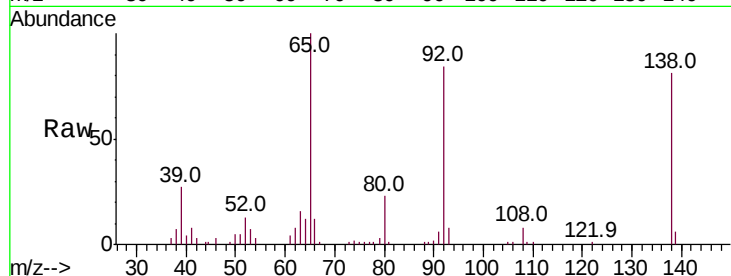




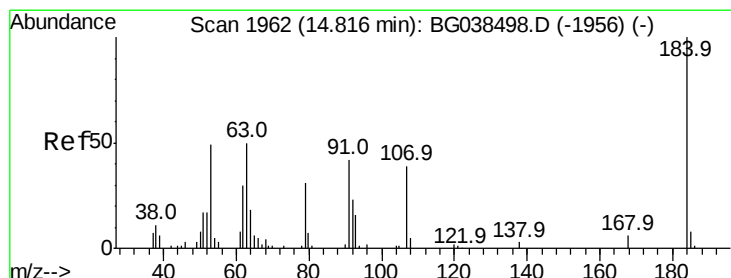
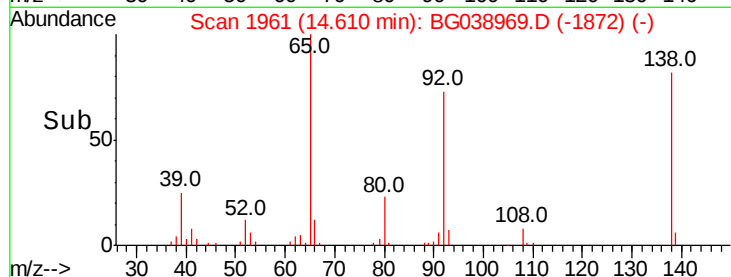
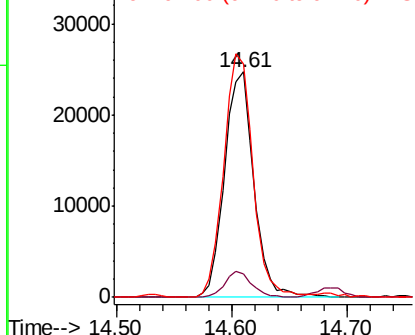
#53
3-Nitroaniline
Concen: 31.594 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 43577
Ion Ratio Lower Upper
138 100
108 10.4 7.9 11.9
92 103.6 95.3 142.9

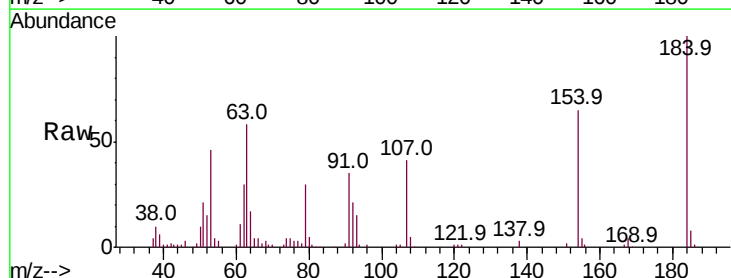


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

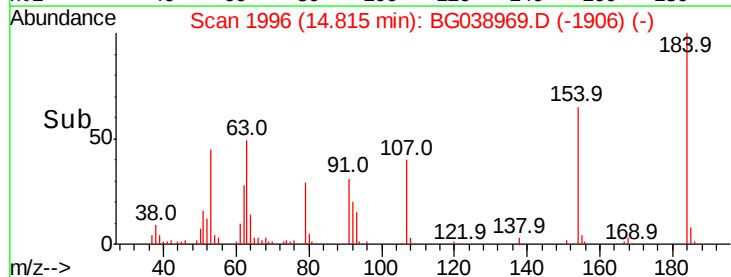
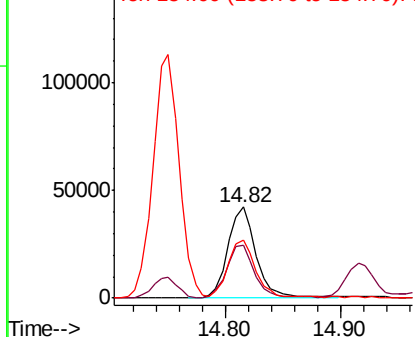


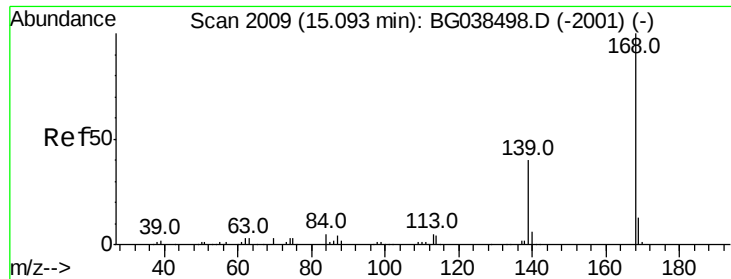
#54
2,4-Dinitrophenol
Concen: 88.845 ng
RT: 14.82 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Tgt Ion:184 Resp: 72021
Ion Ratio Lower Upper
184 100
63 58.1 47.0 70.6
154 64.7 50.3 75.5



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

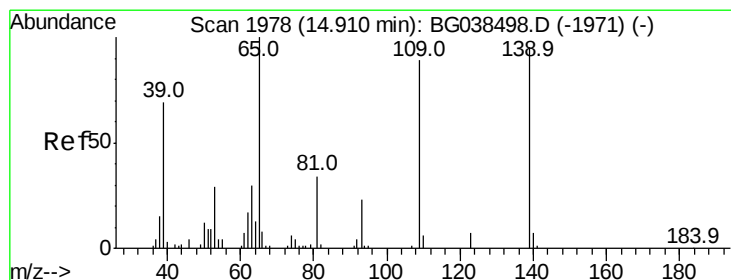
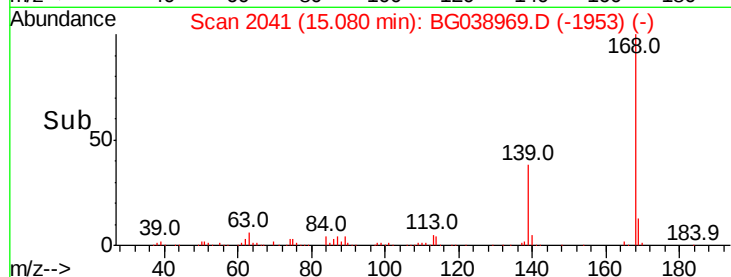
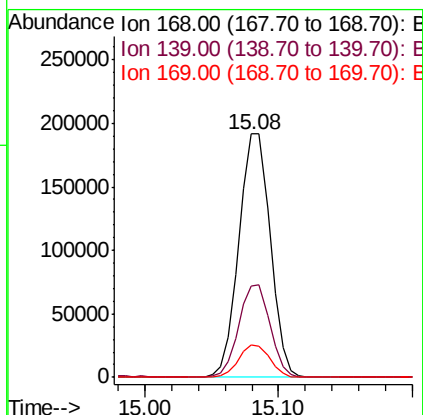
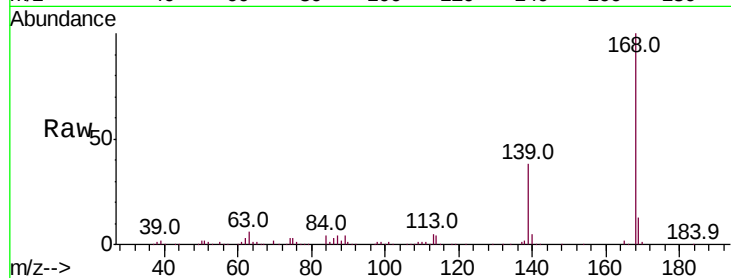




#55
Dibenzenofuran
Concen: 43.031 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

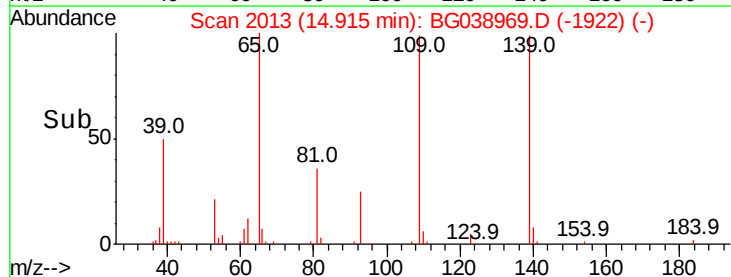
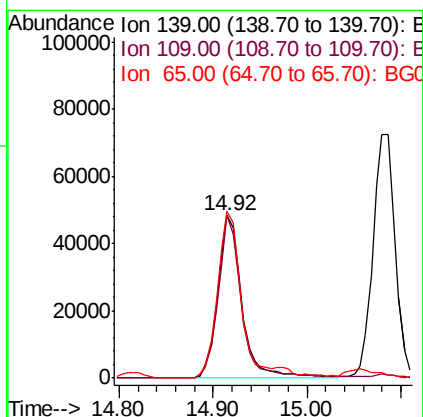
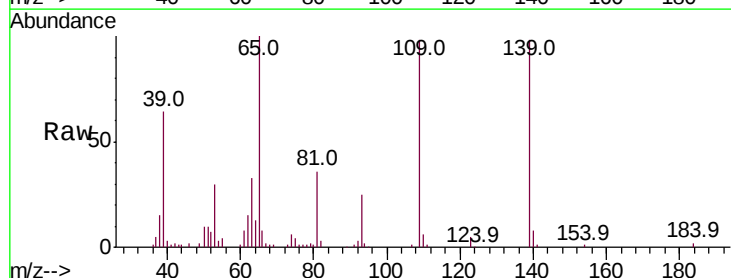
Instrument :
BNA_G
ClientSampleId :

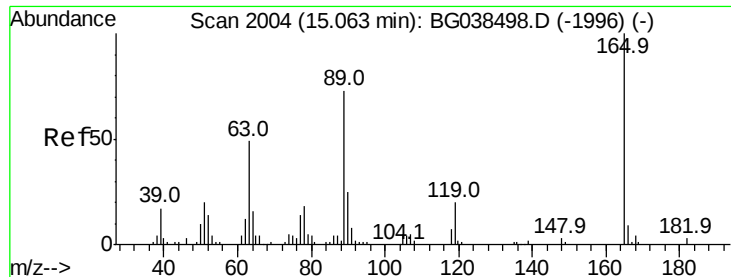
Tot Ion:168 Resp: 312189
Ion Ratio Lower Upper
168 100
139 37.8 32.2 48.2
169 13.4 10.6 16.0



#56
4-Nitrophenol
Concen: 83.488 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Tgt Ion:139 Resp: 87359
Ion Ratio Lower Upper
139 100
109 100.0 73.6 113.6
65 102.3 84.8 124.8

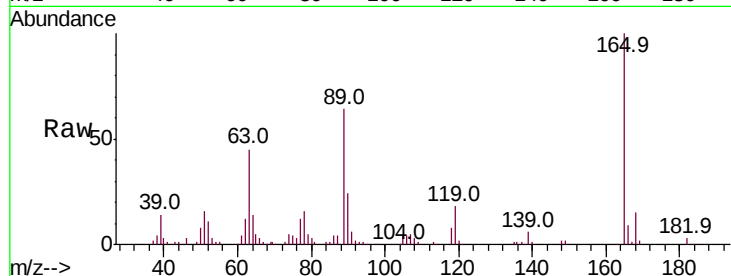




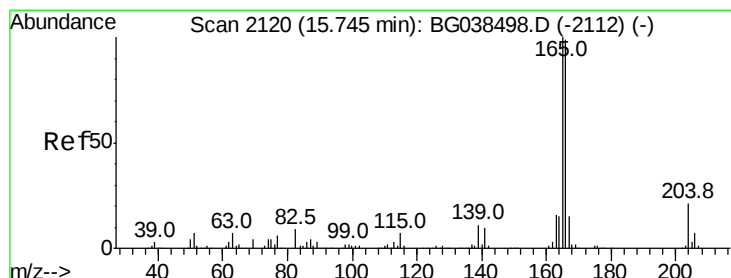
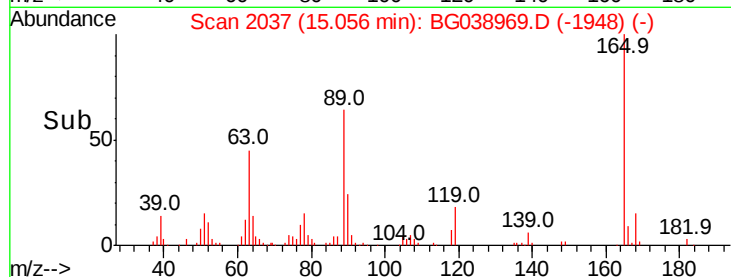
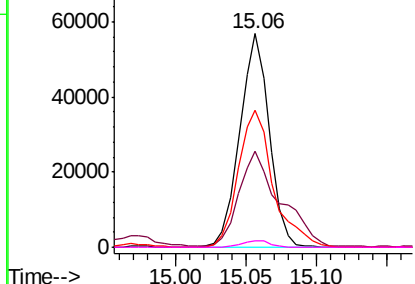
#57
 2,4-Dinitrotoluene
 Concen: 43.377 ng
 RT: 15.06 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BG038969.D
 Acq: 7 Jan 2019 16:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 82666
 Ion Ratio Lower Upper
 165 100
 63 45.1 39.0 58.4
 89 63.9 58.0 87.0
 182 2.8 2.3 3.5

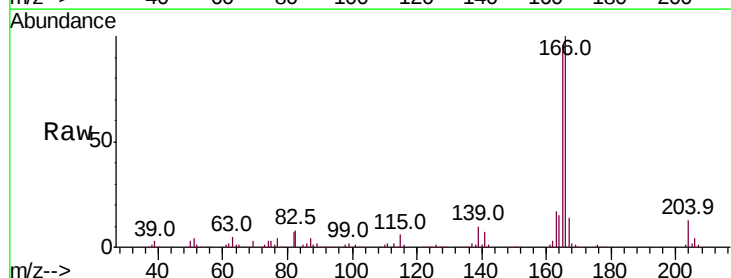


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

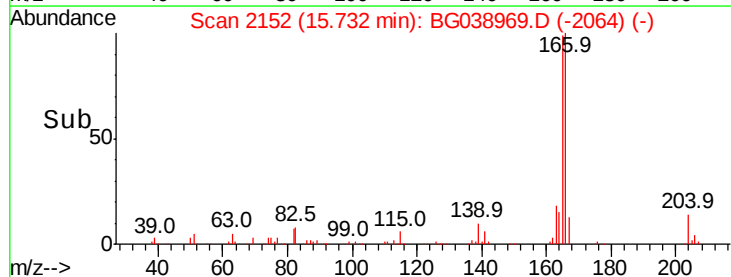
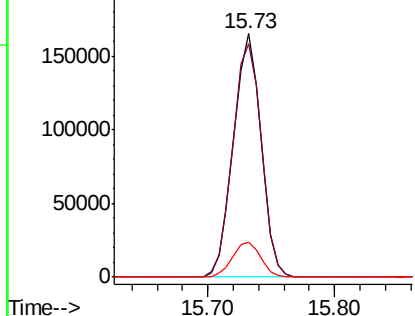


#58
 Fluorene
 Concen: 46.257 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.01 min
 Lab File: BG038969.D
 Acq: 7 Jan 2019 16:35

Tgt Ion:166 Resp: 248633
 Ion Ratio Lower Upper
 166 100
 165 95.7 80.6 120.8
 167 14.3 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

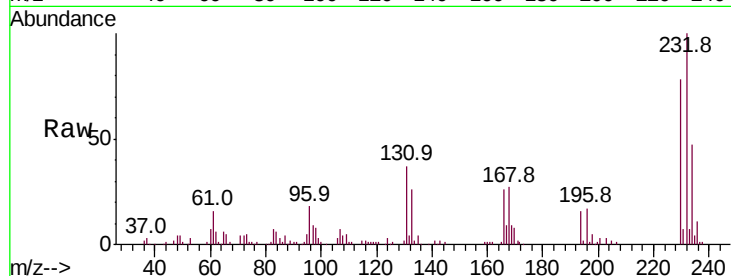




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.258 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG038969.D
 Acq: 7 Jan 2019 16:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.0	33.0	49.4
130	2.2	2.0	3.0
166	27.4	23.1	34.7



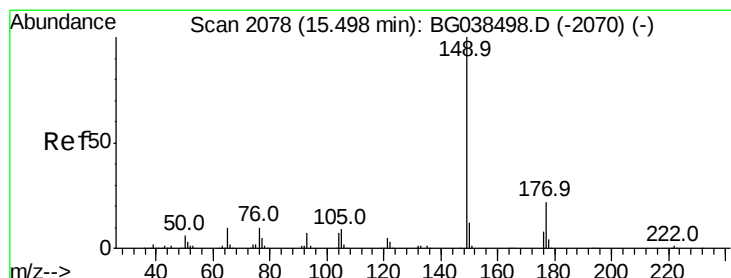
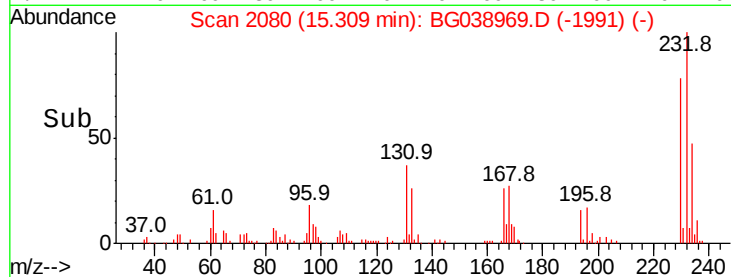
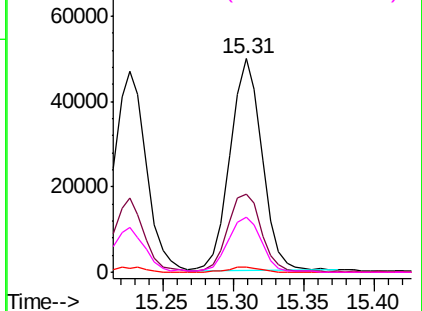
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

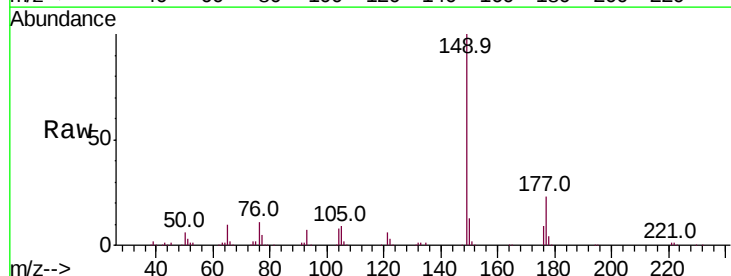
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.244 ng
 RT: 15.49 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BG038969.D
 Acq: 7 Jan 2019 16:35

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.7	26.5
150	12.9	9.9	14.9

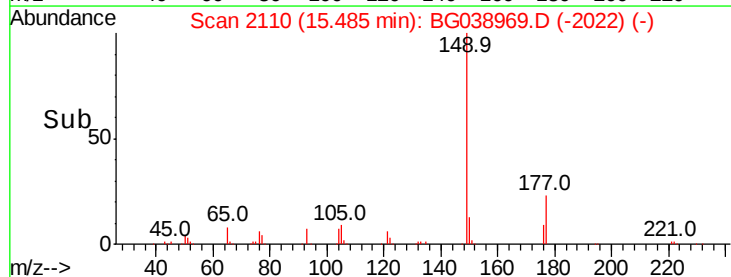
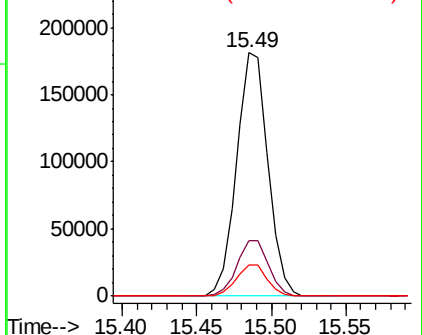


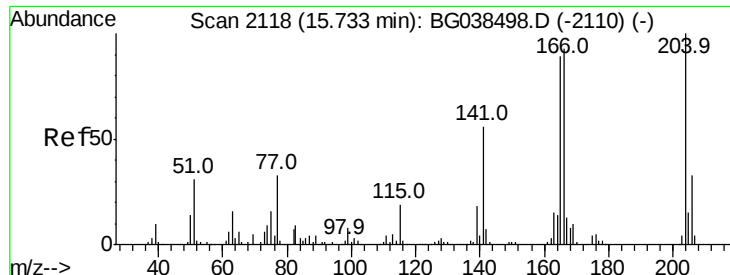
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

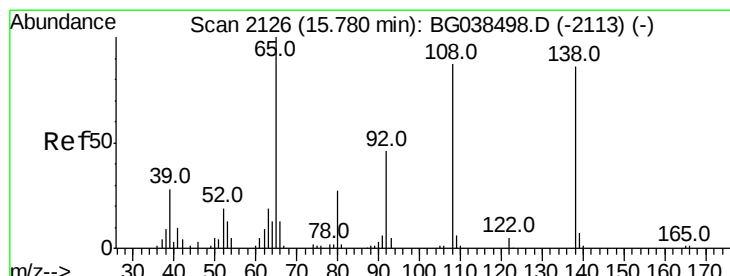
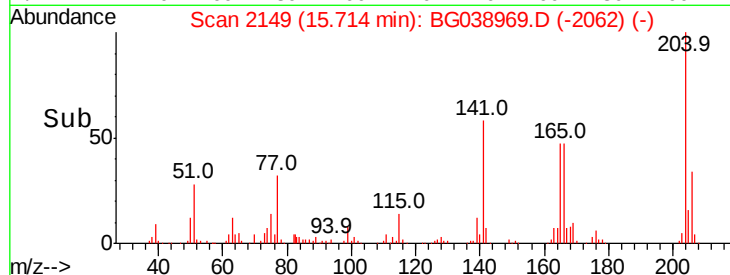
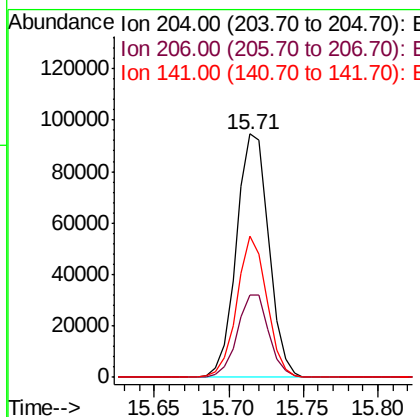
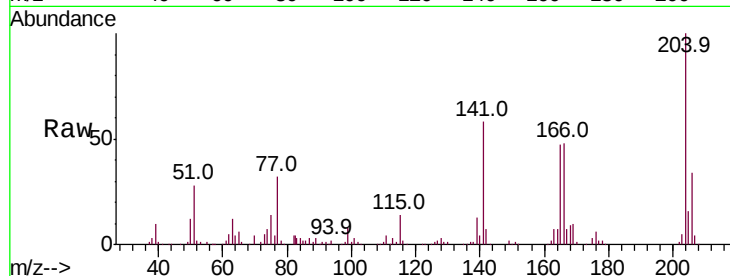




#61
 4-Chlorophenyl-phenylether
 Concen: 42.444 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.02 min
 Lab File: BG038969.D
 Acq: 7 Jan 2019 16:35

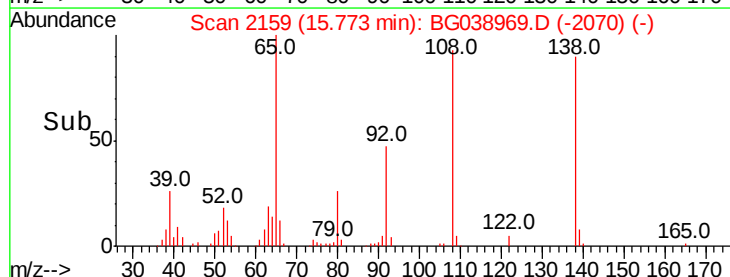
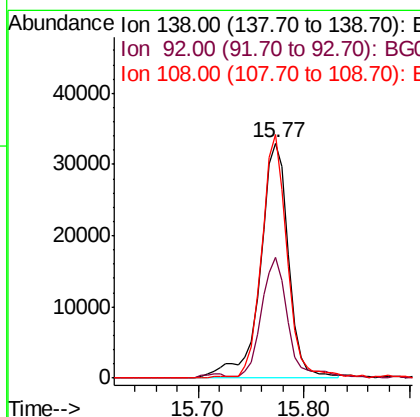
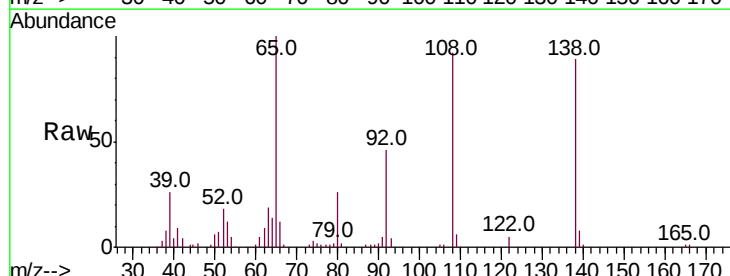
Instrument :
 BNA_G
 ClientSampleID :

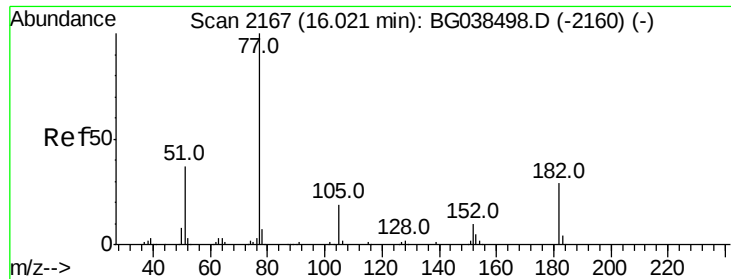
Tot Ion:204 Resp: 142343
 Ion Ratio Lower Upper
 204 100
 206 33.7 26.0 39.0
 141 57.7 44.4 66.6



#62
 4-Nitroaniline
 Concen: 43.131 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG038969.D
 Acq: 7 Jan 2019 16:35

Tgt Ion:138 Resp: 61246
 Ion Ratio Lower Upper
 138 100
 92 51.6 33.3 73.3
 108 103.7 81.4 121.4

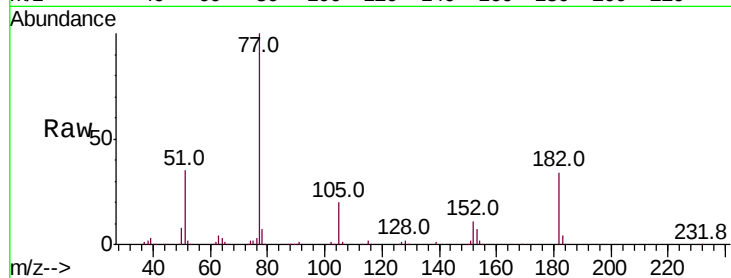




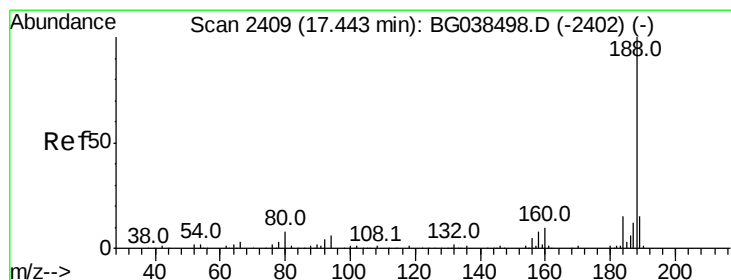
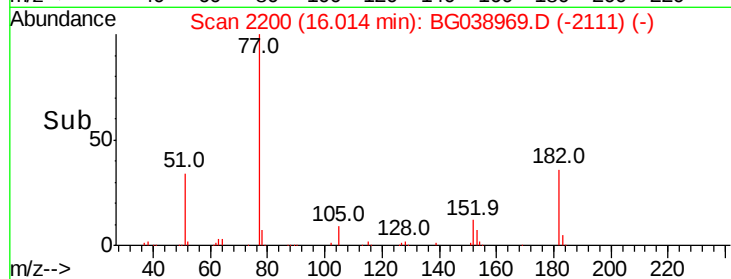
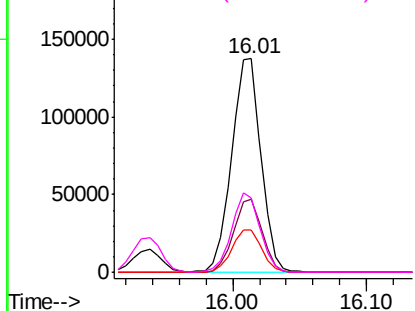
#63
Azobenzene
Concen: 38.469 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 210638
Ion Ratio Lower Upper
77 100
182 34.1 8.7 48.7
105 19.9 0.0 38.7
51 35.0 16.6 56.6

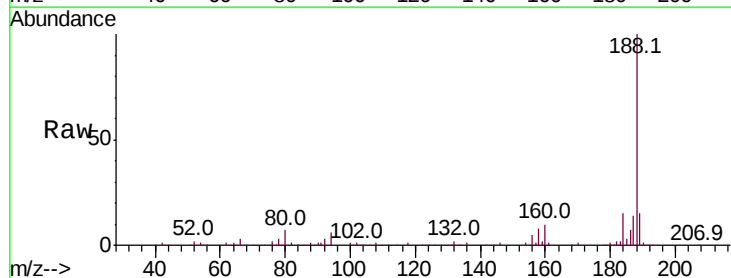


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

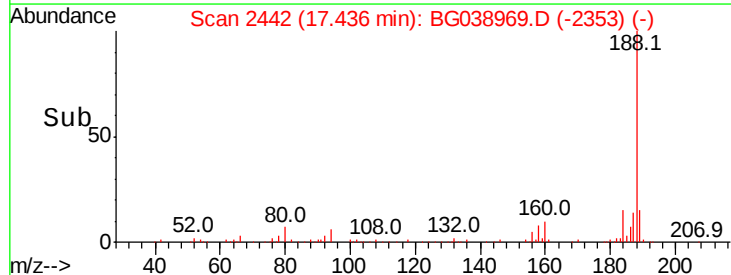
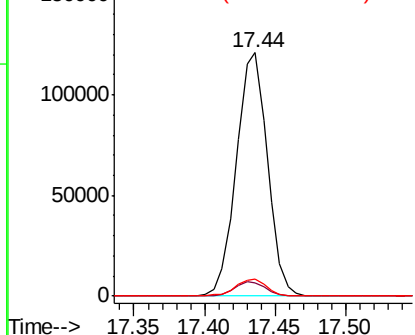


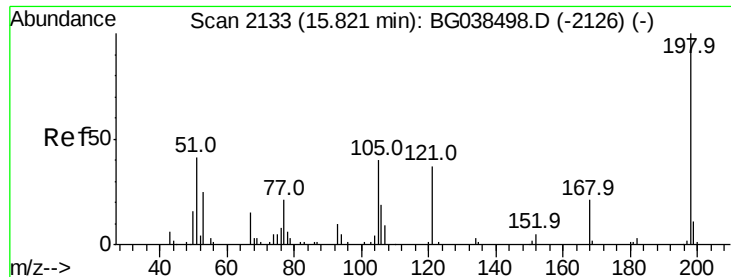
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Tgt Ion: 188 Resp: 186284
Ion Ratio Lower Upper
188 100
94 5.6 5.1 7.7
80 7.0 6.1 9.1



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

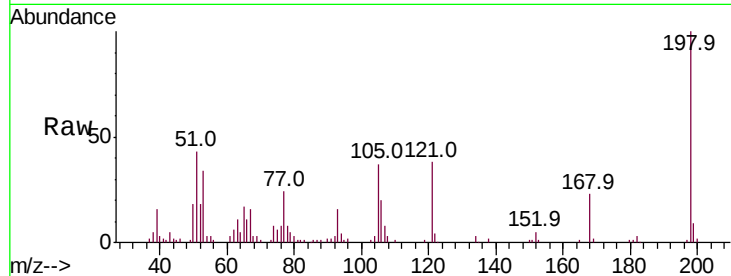




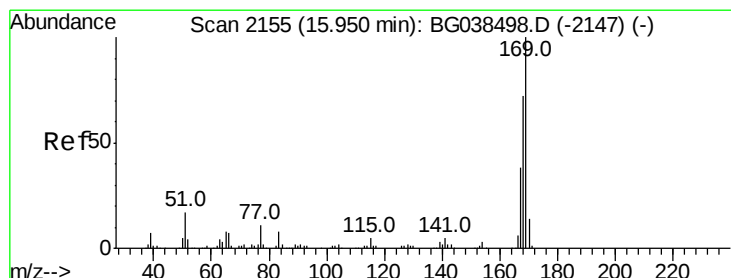
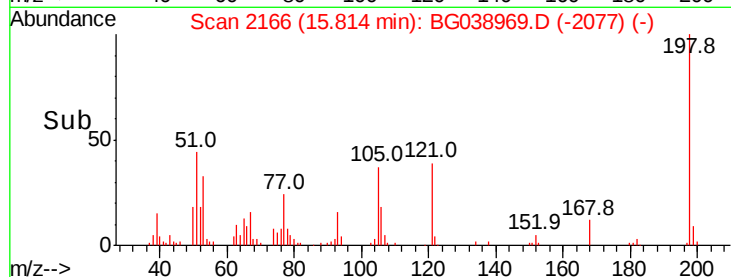
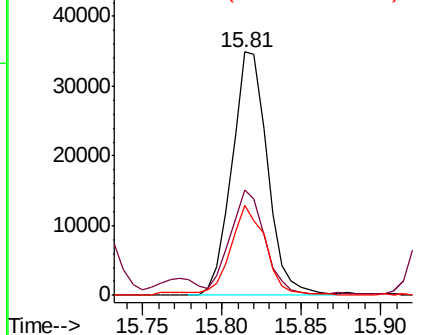
#65
4,6-Dinitro-2-methylphenol
Concen: 40.955 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Instrument :
BNA_G
ClientSampled :

Tot Ion:198 Resp: 54423
Ion Ratio Lower Upper
198 100
51 43.4 28.6 68.6
105 36.8 20.4 60.4

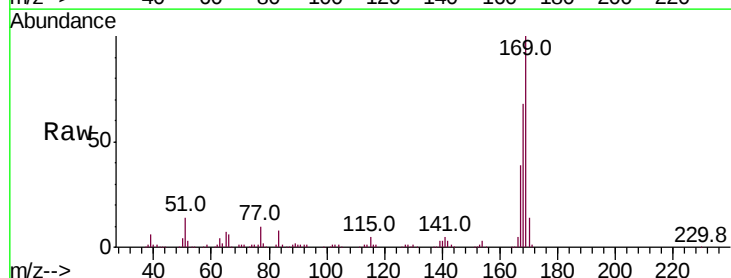


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

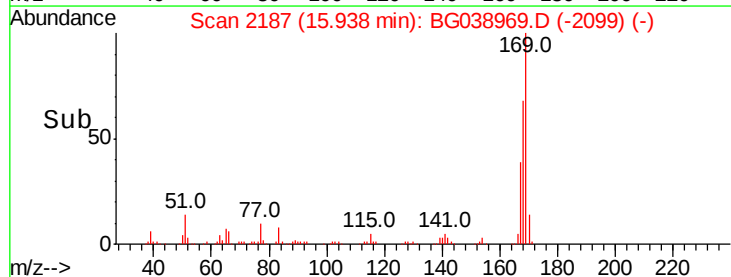
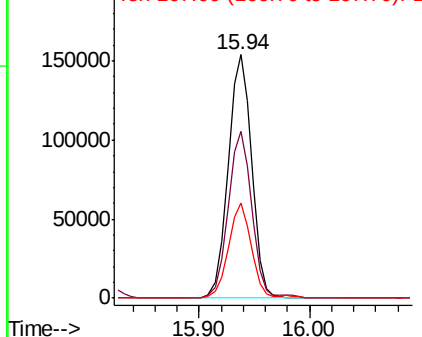


#66
n-Nitrosodiphenylamine
Concen: 41.833 ng
RT: 15.94 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Tgt Ion:169 Resp: 228972
Ion Ratio Lower Upper
169 100
168 68.5 57.5 86.3
167 38.8 30.2 45.2



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

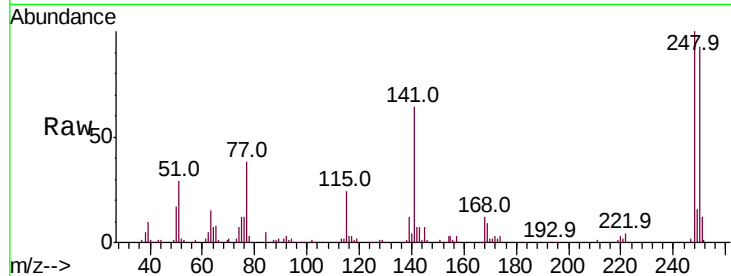




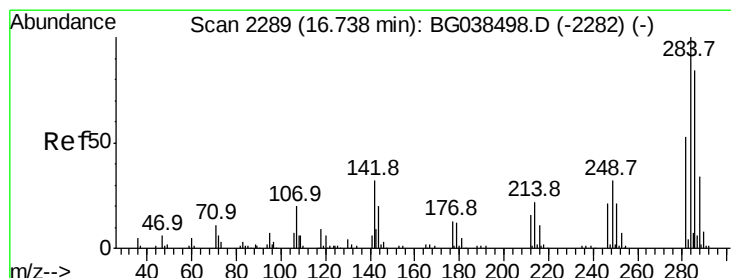
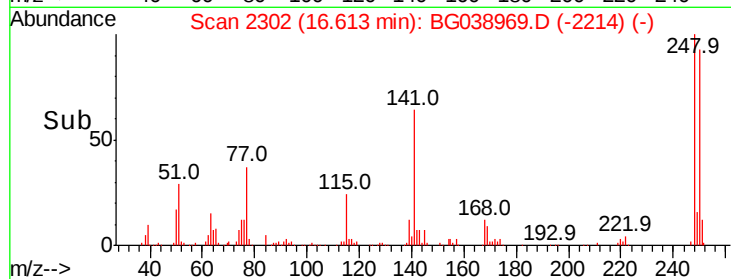
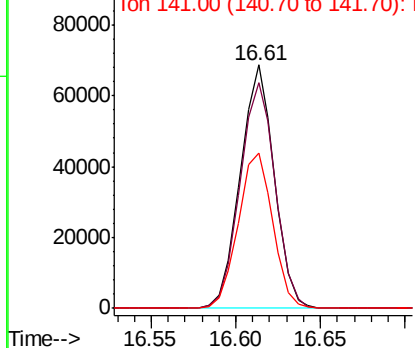
#67
 4-Bromophenyl-phenylether
 Concen: 42.171 ng
 RT: 16.61 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG038969.D
 Acq: 7 Jan 2019 16:35

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 95941
 Ion Ratio Lower Upper
 248 100
 250 92.6 73.4 110.2
 141 63.6 52.9 79.3

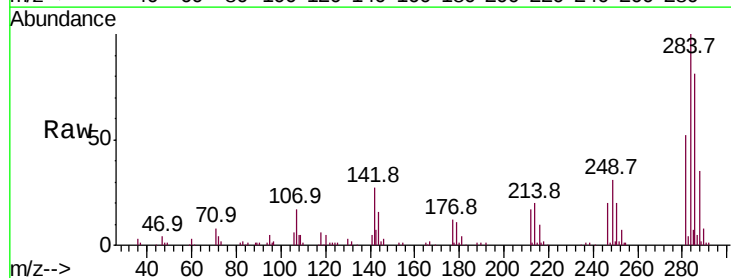


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

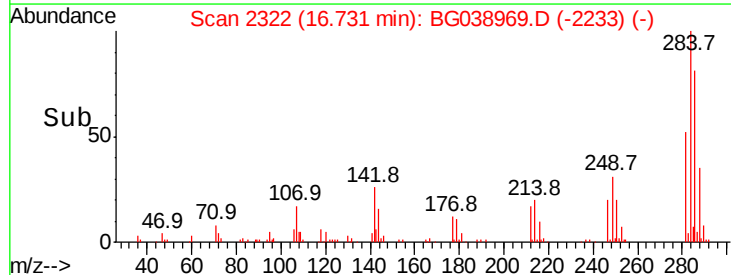
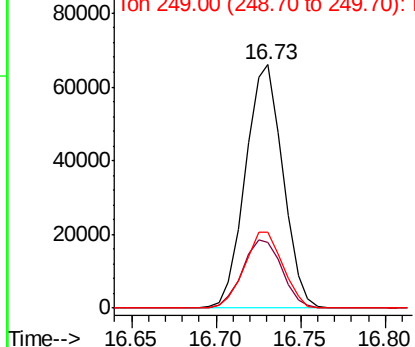


#68
 Hexachlorobenzene
 Concen: 43.138 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BG038969.D
 Acq: 7 Jan 2019 16:35

Tgt Ion:284 Resp: 101735
 Ion Ratio Lower Upper
 284 100
 142 26.8 25.8 38.6
 249 33.5 27.0 40.4



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





#69

Atrazine

Concen: 46.290 ng

RT: 16.88 min Scan# 2347

Delta R.T. -0.01 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

Instrument :

BNA_G

ClientSampleId :

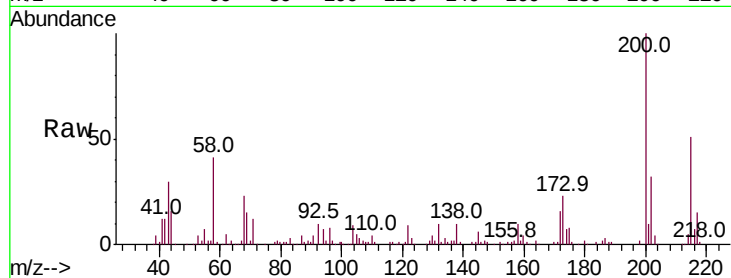
Tot Ion:200 Resp: 94026

Ion Ratio Lower Upper

200 100

173 23.3 5.9 45.9

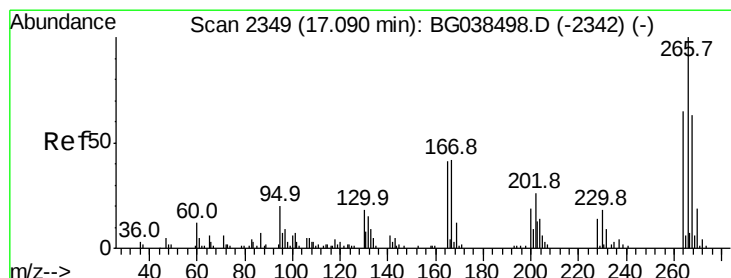
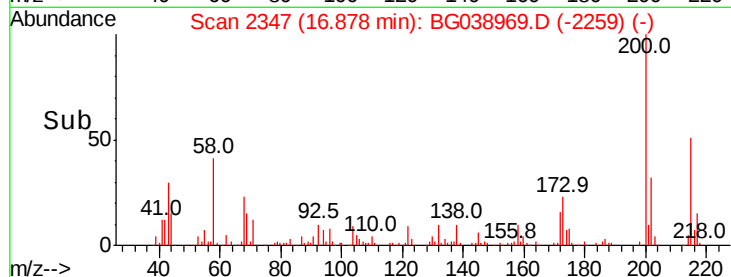
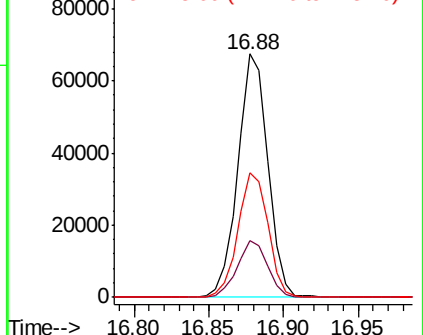
215 51.0 33.1 73.1



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



#70

Pentachlorophenol

Concen: 77.774 ng

RT: 17.08 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

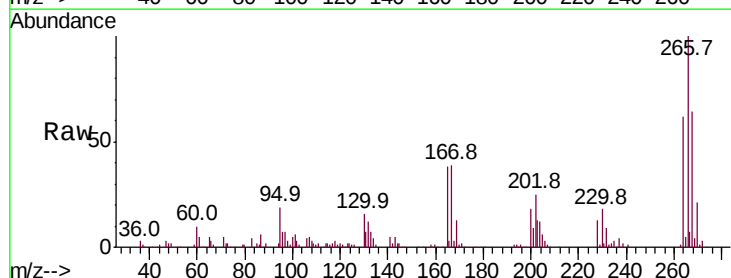
Tgt Ion:266 Resp: 108490

Ion Ratio Lower Upper

266 100

268 68.3 55.0 82.6

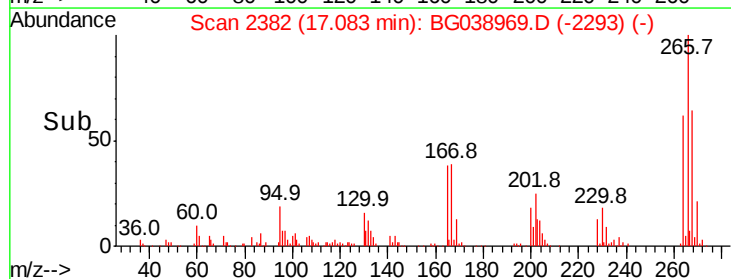
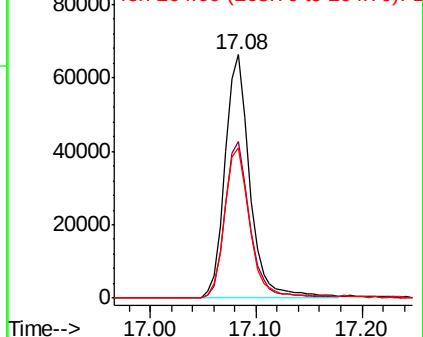
264 67.3 56.7 85.1

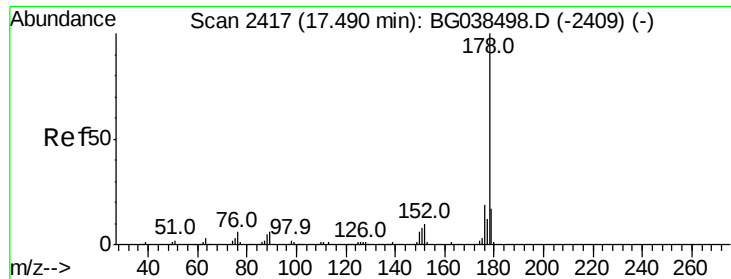


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

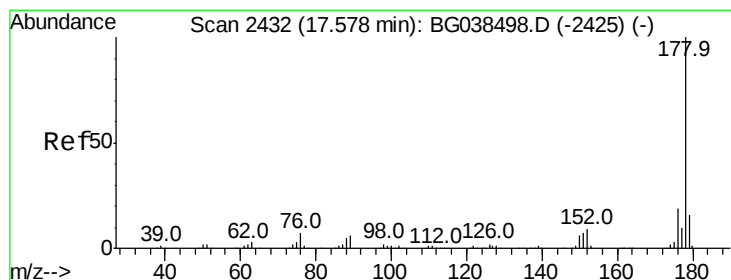
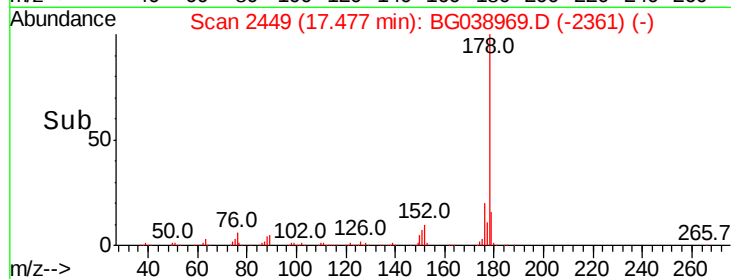
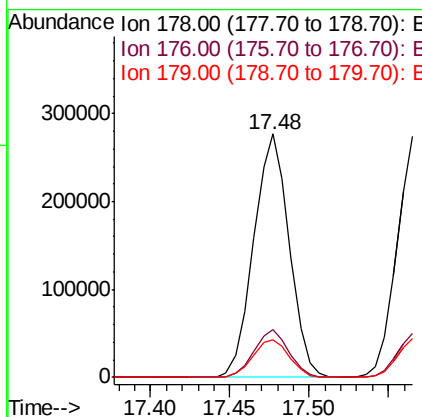
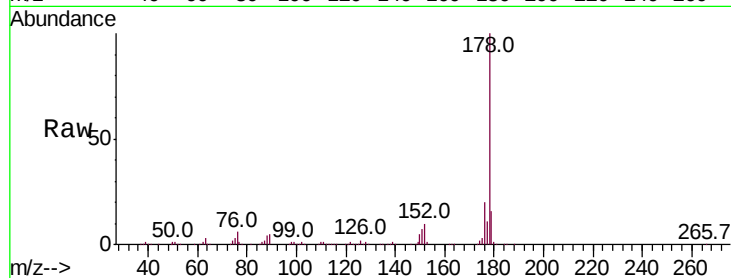




#71
 Phenanthrene
 Concen: 44.735 ng
 RT: 17.48 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BG038969.D
 Acq: 7 Jan 2019 16:35

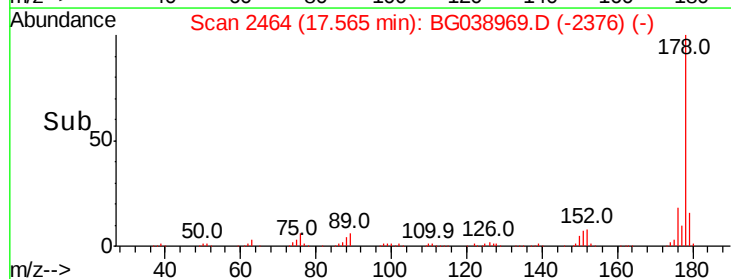
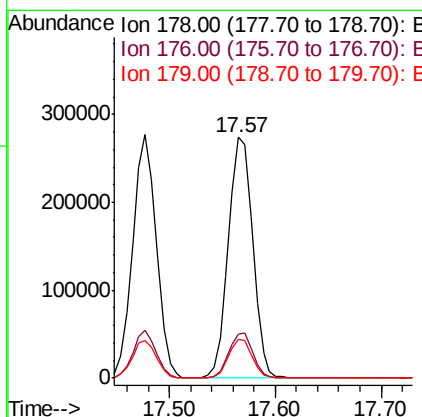
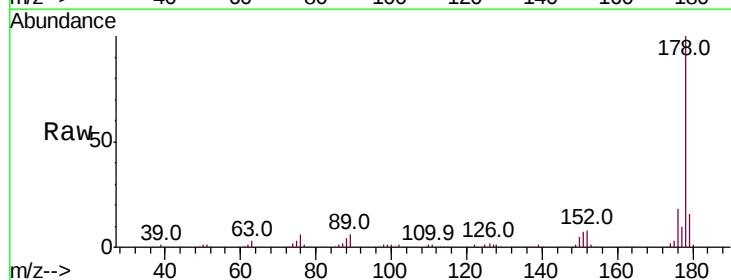
Instrument :
 BNA_G
 ClientSampleId :

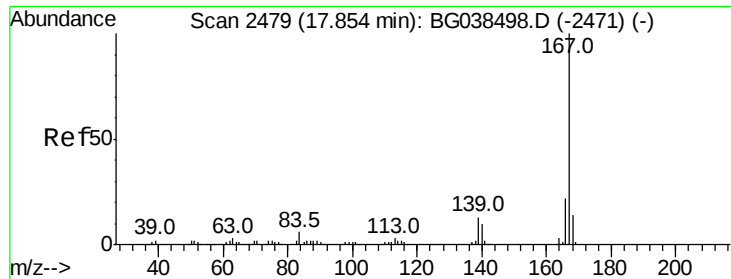
Tot Ion:178 Resp: 432141
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.1 22.7
 179 15.6 13.2 19.8



#72
 Anthracene
 Concen: 45.575 ng
 RT: 17.57 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BG038969.D
 Acq: 7 Jan 2019 16:35

Tgt Ion:178 Resp: 434623
 Ion Ratio Lower Upper
 178 100
 176 18.0 15.1 22.7
 179 16.2 12.9 19.3

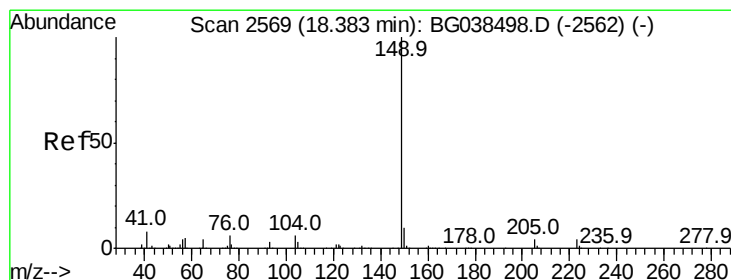
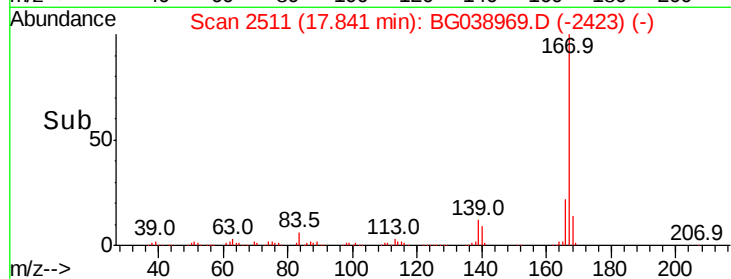
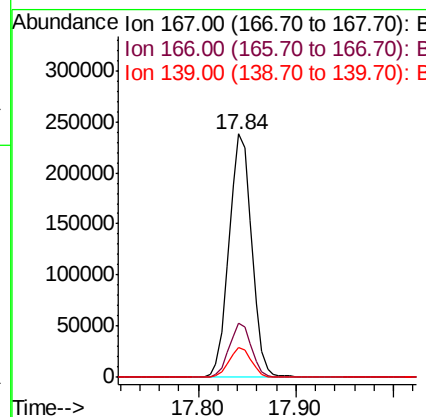
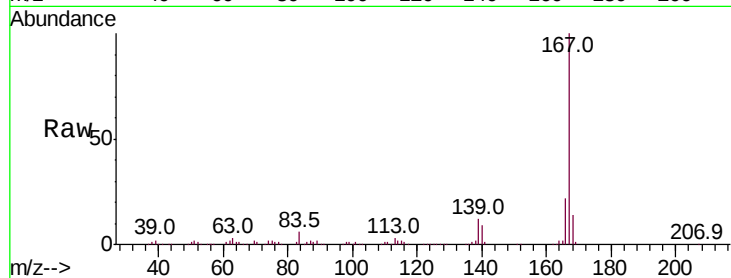




#73
 Carbazole
 Concen: 40.817 ng
 RT: 17.84 min Scan# 2511
 Delta R.T. -0.01 min
 Lab File: BG038969.D
 Acq: 7 Jan 2019 16:35

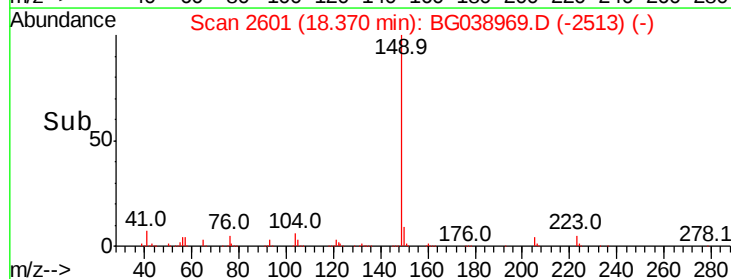
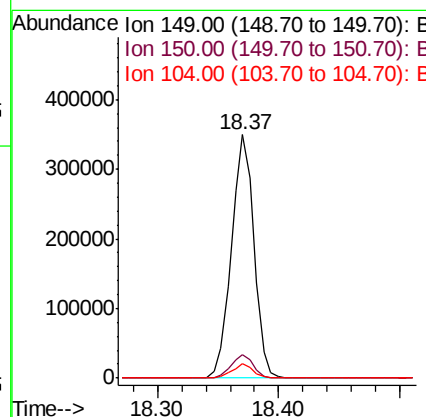
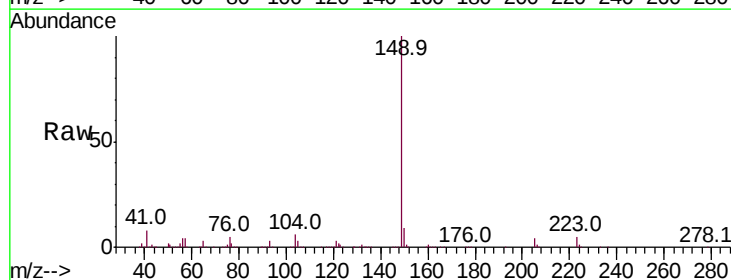
Instrument :
 BNA_G
 ClientSampleId :

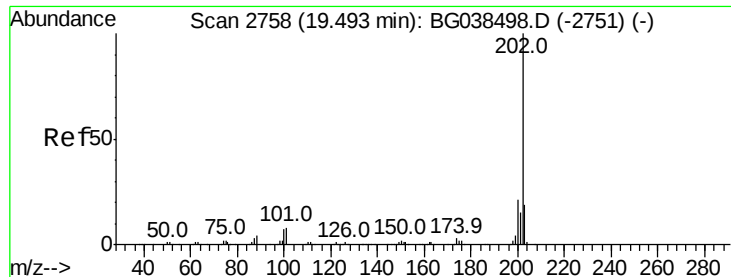
Tot Ion:167 Resp: 384966
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.9 26.9
 139 12.3 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 41.543 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG038969.D
 Acq: 7 Jan 2019 16:35

Tgt Ion:149 Resp: 449583
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.6 11.4
 104 5.7 5.0 7.4





#75

Fluoranthene

Concen: 44.988 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

Instrument :

BNA_G

ClientSampleId :

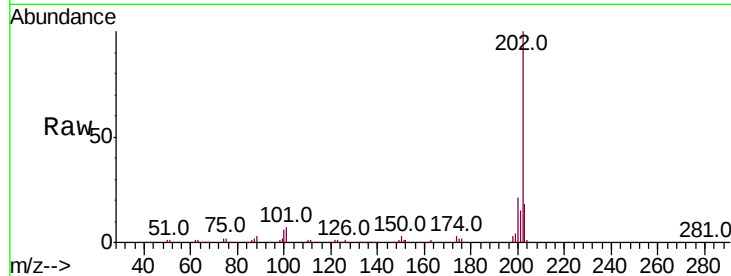
Tot Ion:202 Resp: 537708

Ion Ratio Lower Upper

202 100

101 6.8 0.0 28.1

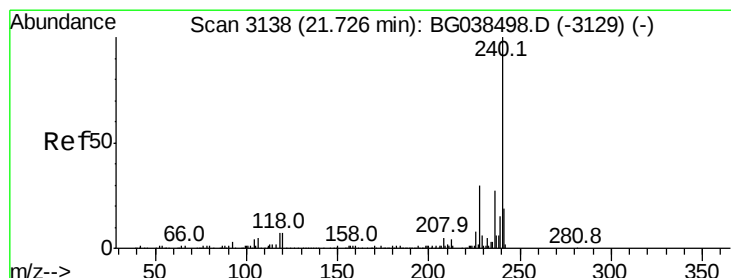
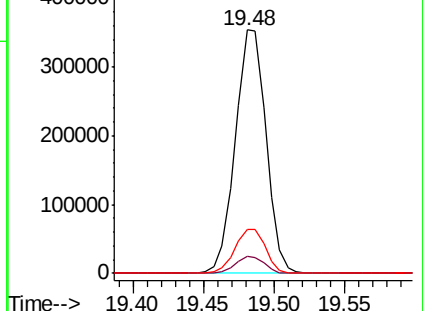
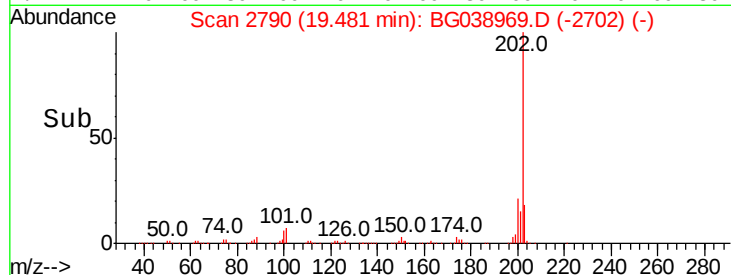
203 18.3 0.0 39.0



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

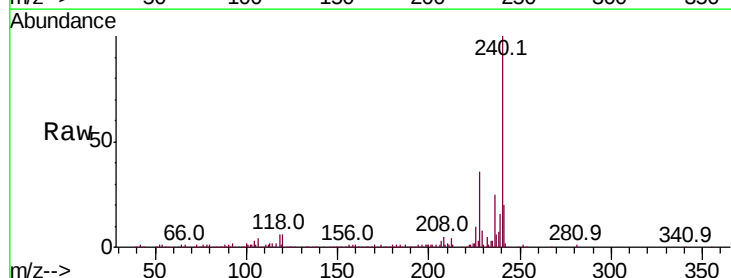
Tgt Ion:240 Resp: 192391

Ion Ratio Lower Upper

240 100

120 6.0 5.3 7.9

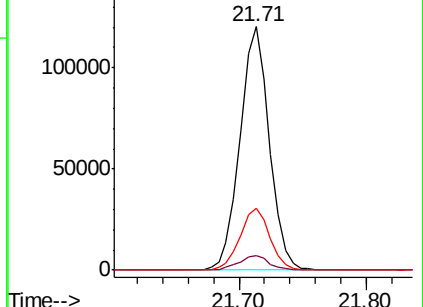
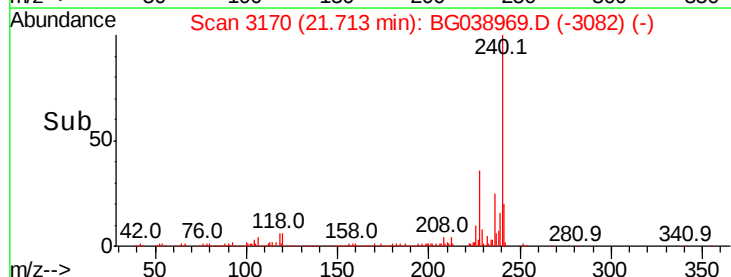
236 25.5 21.4 32.2

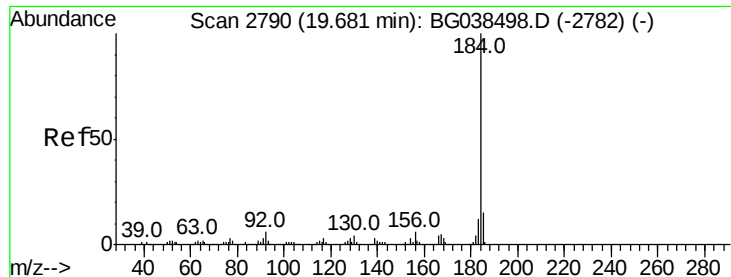


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.463 ng

RT: 19.67 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

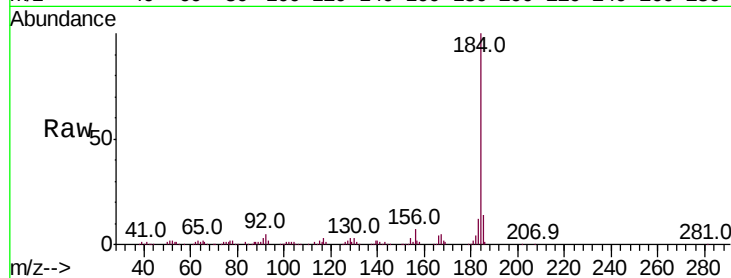
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 201779

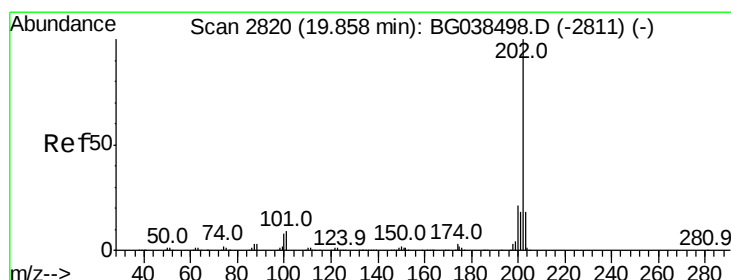
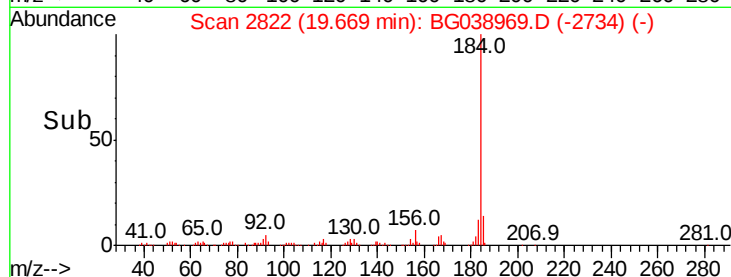
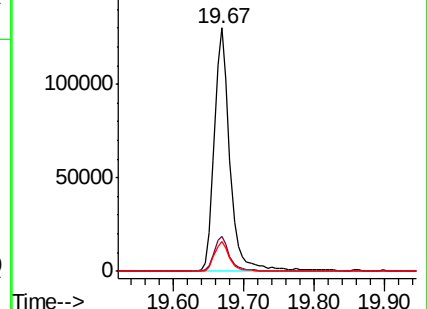
Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.2	18.2
183	12.1	9.6	14.4



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



#78

Pyrene

Concen: 42.006 ng

RT: 19.84 min Scan# 2852

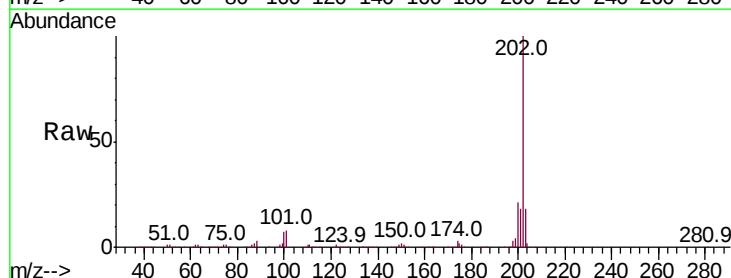
Delta R.T. -0.01 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

Tgt Ion:202 Resp: 533890

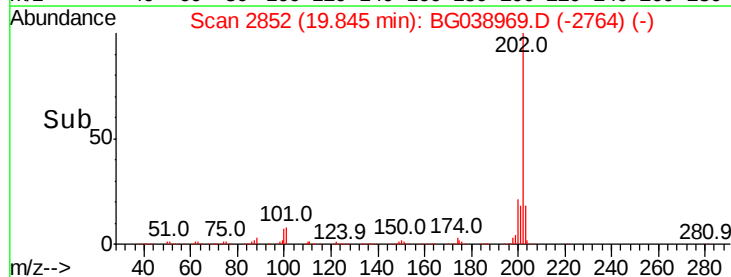
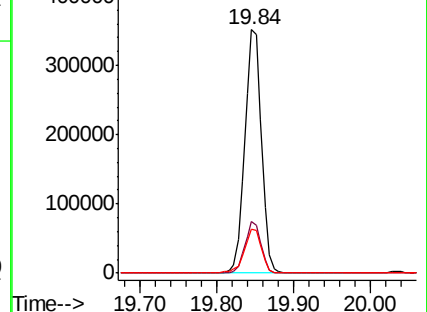
Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	18.0	14.6	21.8

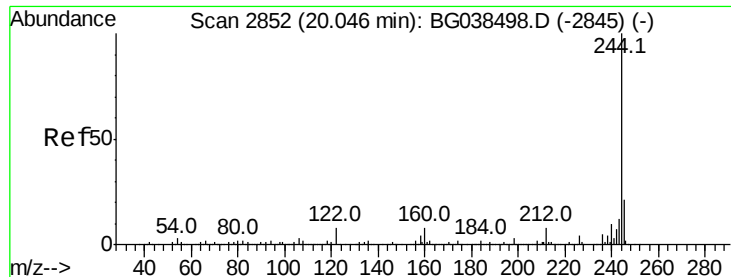


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.000 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

Instrument :

BNA_G

ClientSampleId :

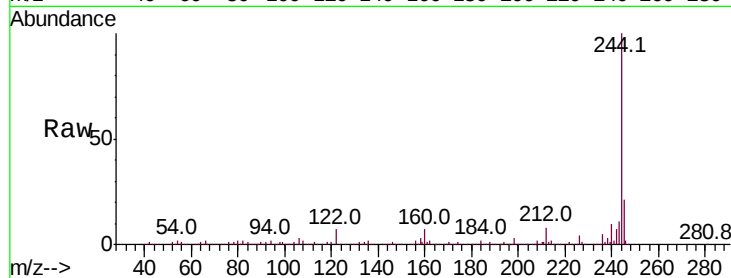
Tot Ion:244 Resp: 698374

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

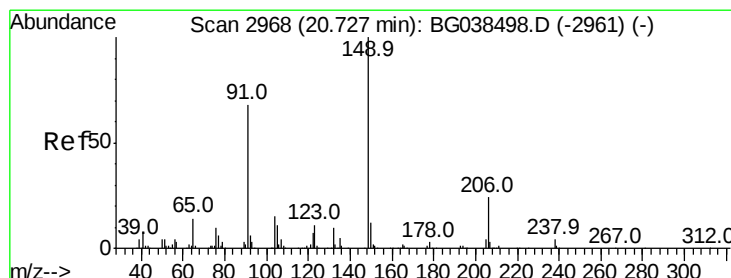
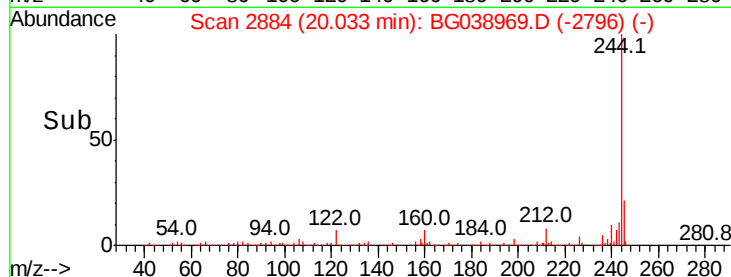
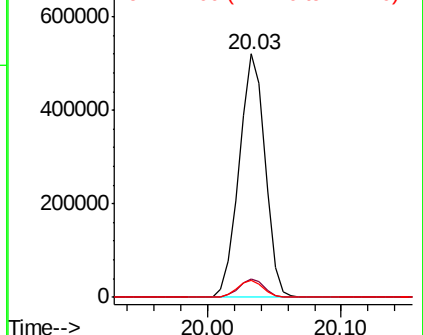
122 6.8 6.3 9.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.464 ng

RT: 20.71 min Scan# 3000

Delta R.T. -0.01 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

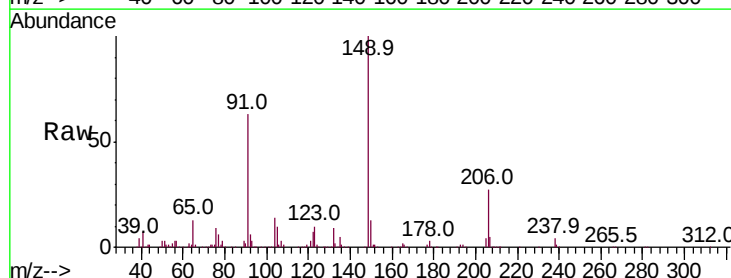
Tgt Ion:149 Resp: 205893

Ion Ratio Lower Upper

149 100

91 62.9 54.5 81.7

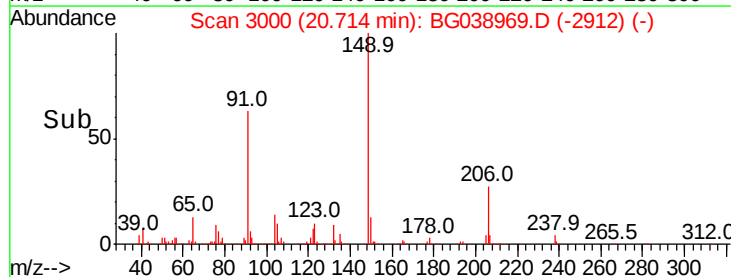
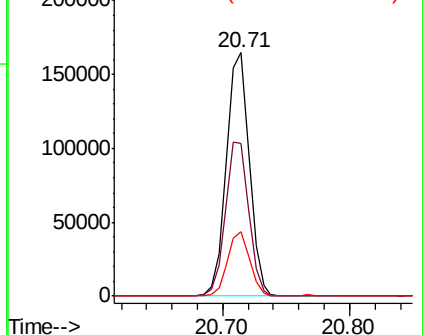
206 26.5 19.0 28.6

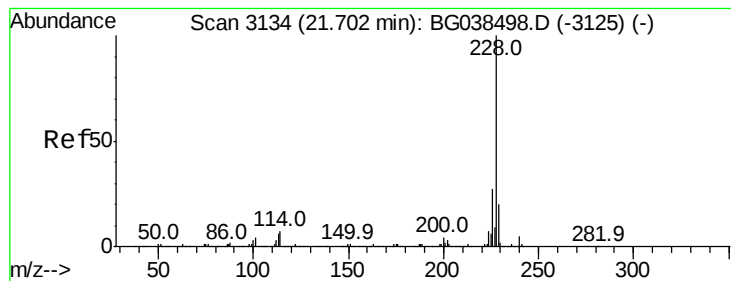


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.857 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

Instrument :

BNA_G

ClientSampleId :

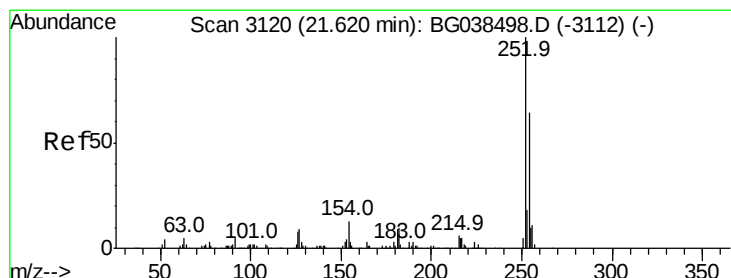
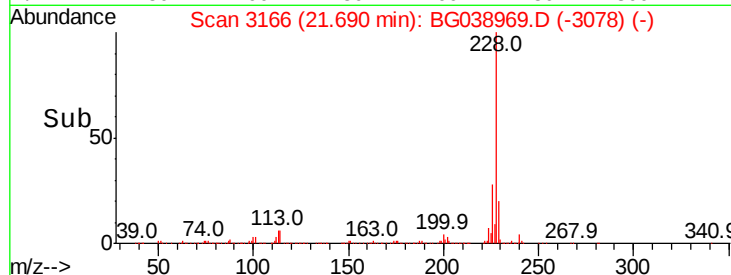
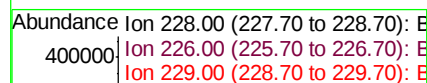
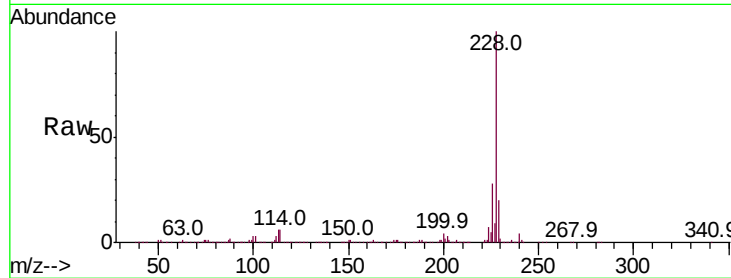
Tot Ion:228 Resp: 525877

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.8	32.8
229	19.9	15.8	23.6

228 100

226 27.9 21.8 32.8

229 19.9 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 30.709 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

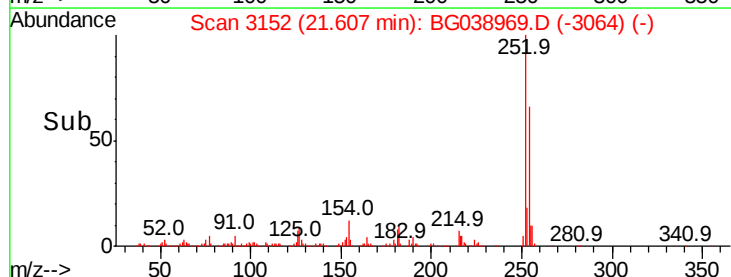
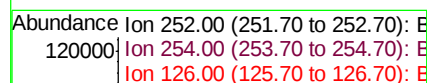
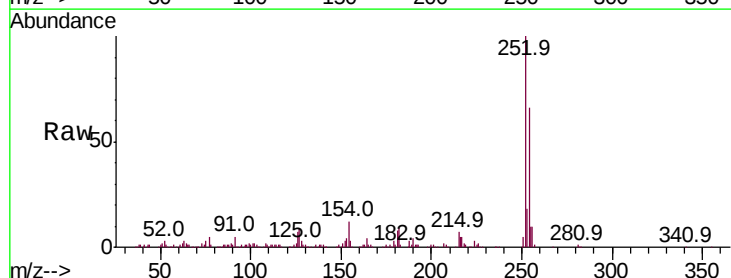
Tgt Ion:252 Resp: 142783

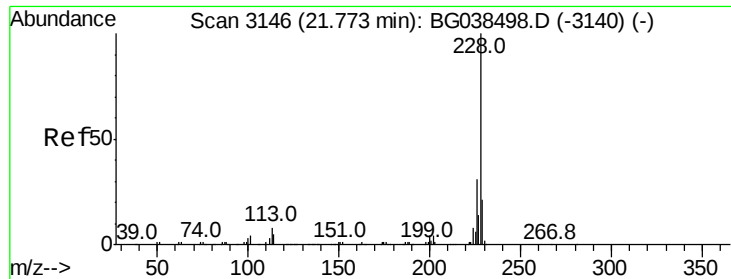
Ion	Ratio	Lower	Upper
252	100		
254	66.1	50.9	76.3
126	7.4	6.3	9.5

252 100

254 66.1 50.9 76.3

126 7.4 6.3 9.5

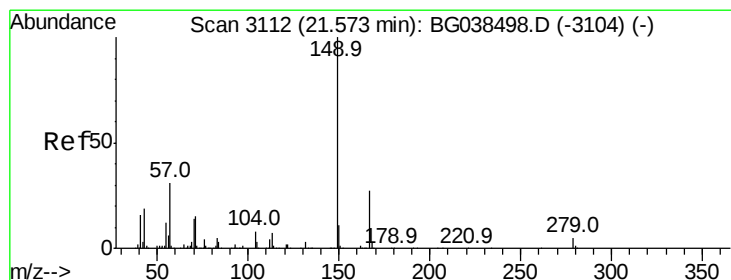
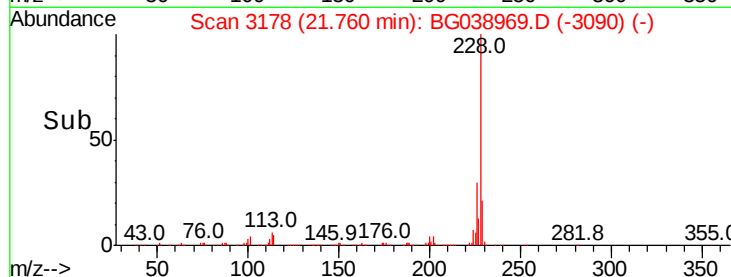
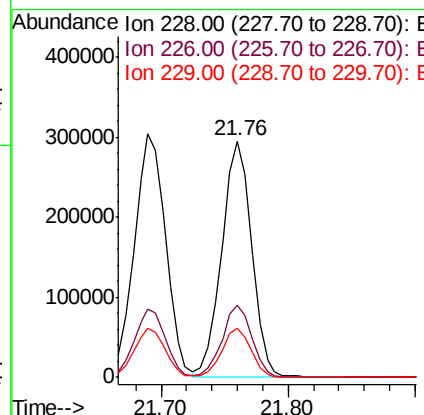
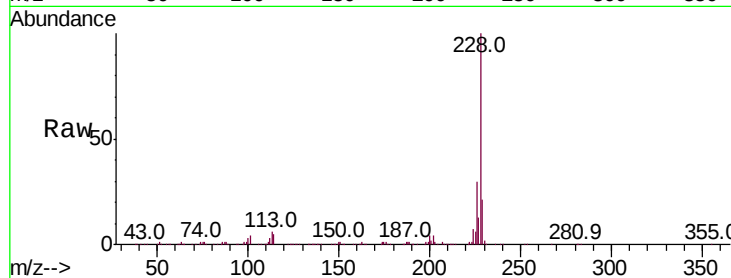




#83
 Chrysene
 Concen: 42.722 ng
 RT: 21.76 min Scan# 3178
 Delta R.T. -0.01 min
 Lab File: BG038969.D
 Acq: 7 Jan 2019 16:35

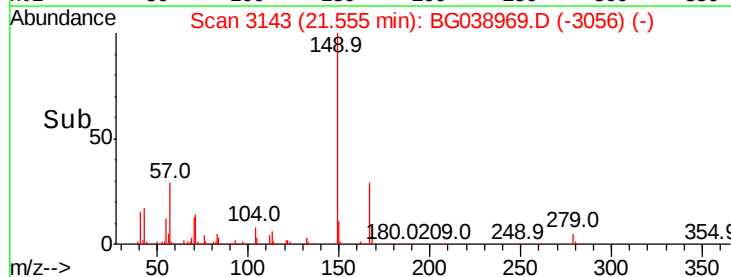
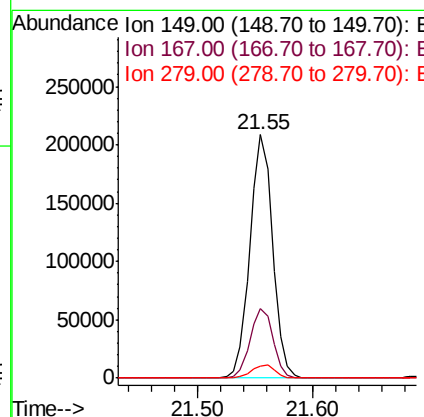
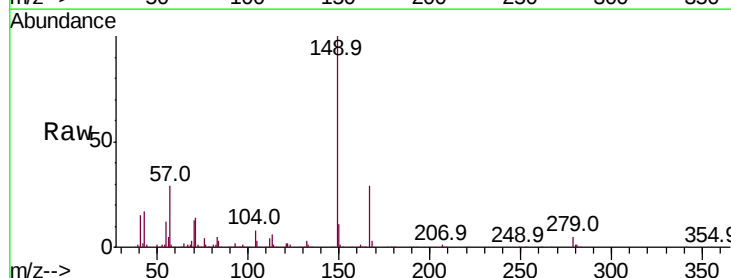
Instrument :
 BNA_G
 ClientSampleId :

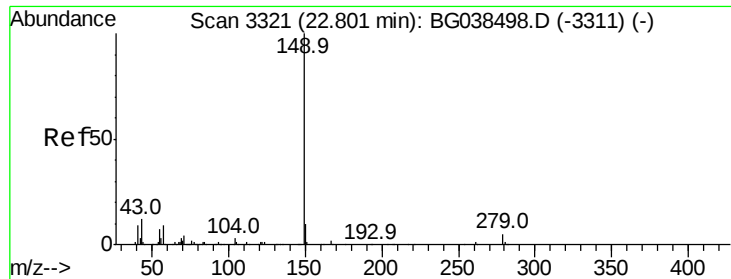
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.4
229	20.8	16.5	24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.602 ng
 RT: 21.55 min Scan# 3143
 Delta R.T. -0.02 min
 Lab File: BG038969.D
 Acq: 7 Jan 2019 16:35

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	21.9	32.9
279	4.9	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 41.035 ng

RT: 22.78 min Scan# 3351

Delta R.T. -0.02 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

Instrument :

BNA_G

ClientSampleId :

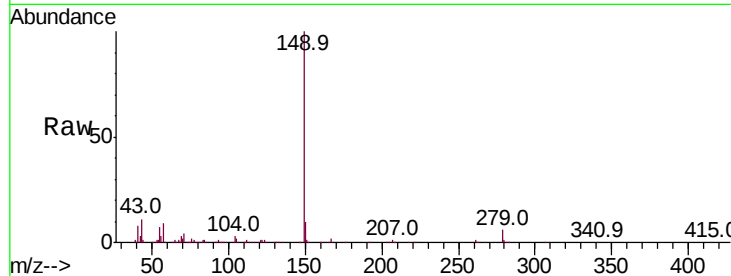
Tot Ion:149 Resp: 483988

Ion Ratio Lower Upper

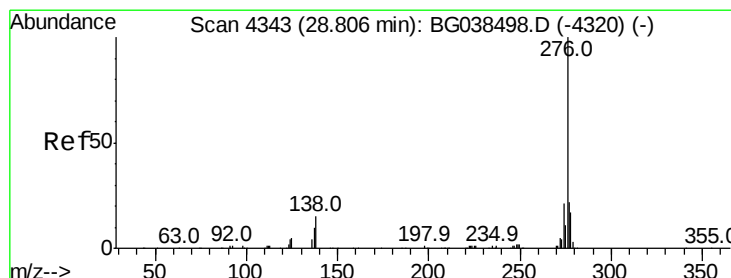
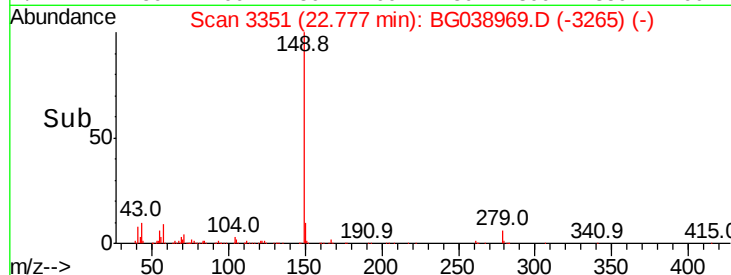
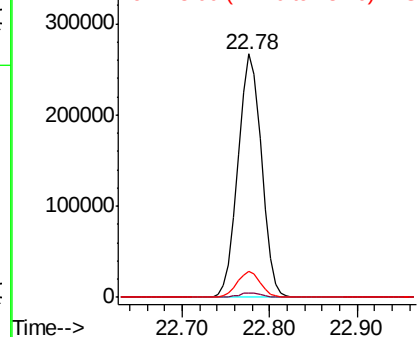
149 100

167 1.8 1.2 1.8#

43 10.5 9.3 13.9



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): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.354 ng

RT: 28.78 min Scan# 4372

Delta R.T. -0.03 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

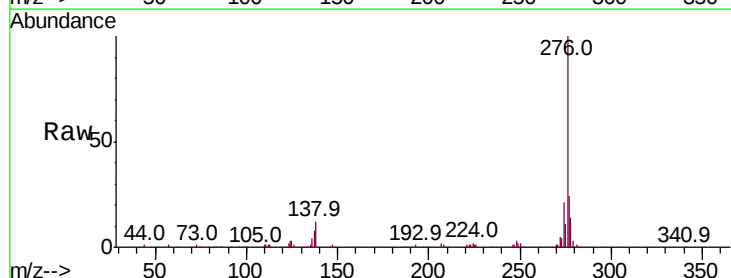
Tgt Ion:276 Resp: 575548

Ion Ratio Lower Upper

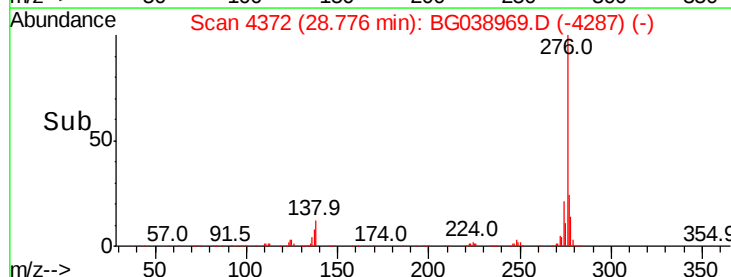
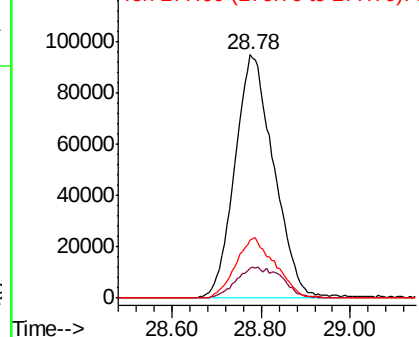
276 100

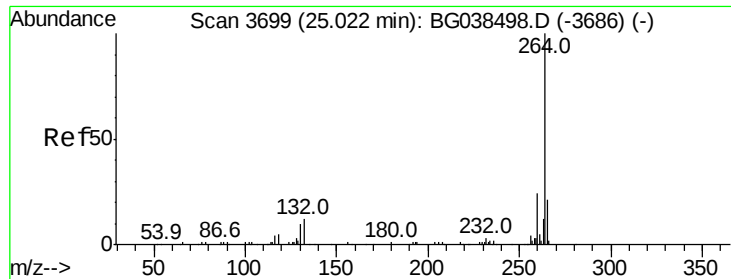
138 14.9 14.4 21.6

277 25.2 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.00 min Scan# 3729

Delta R.T. -0.02 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

Instrument :

BNA_G

ClientSampleId :

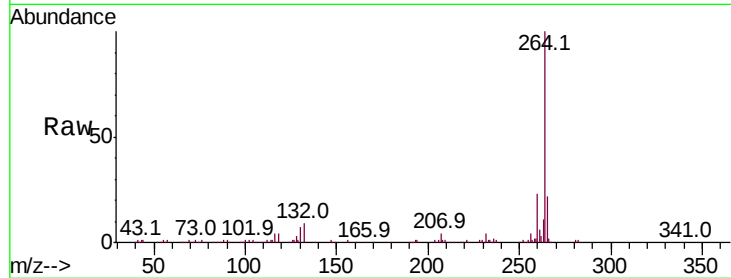
Tot Ion:264 Resp: 181101

Ion Ratio Lower Upper

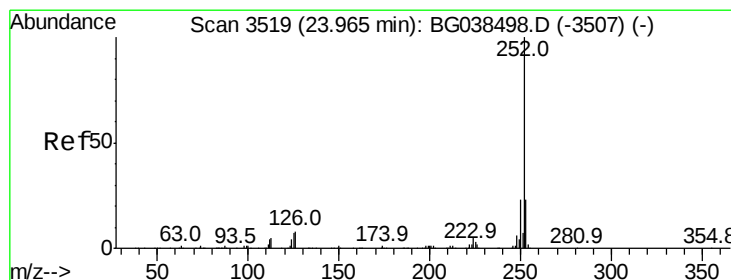
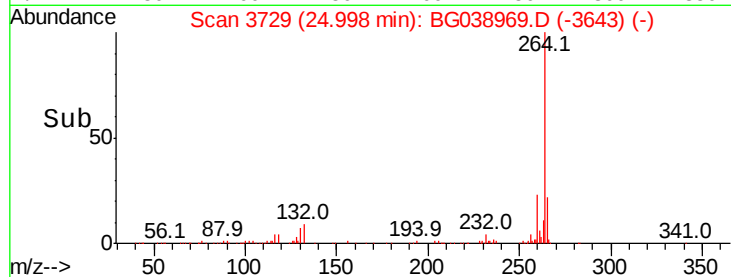
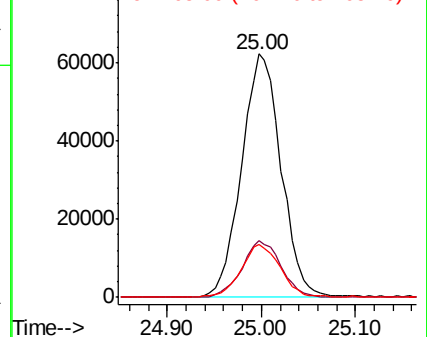
264 100

260 23.2 18.9 28.3

265 21.9 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 50.906 ng

RT: 23.95 min Scan# 3551

Delta R.T. -0.01 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

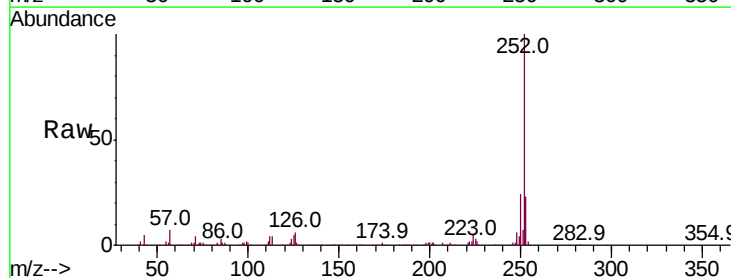
Tgt Ion:252 Resp: 506166

Ion Ratio Lower Upper

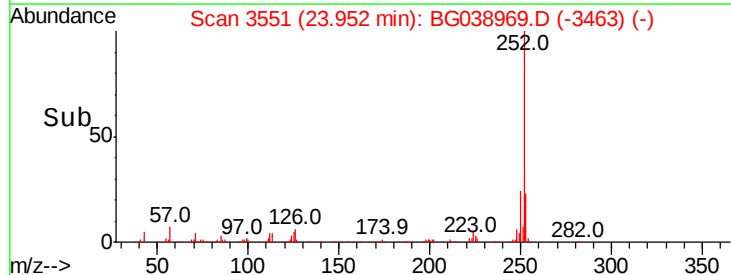
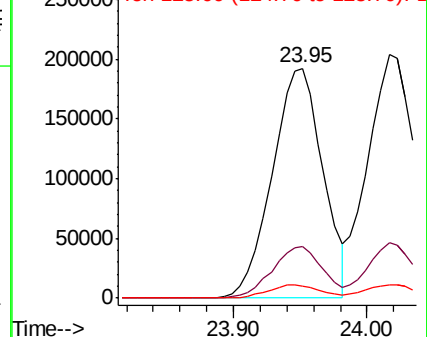
252 100

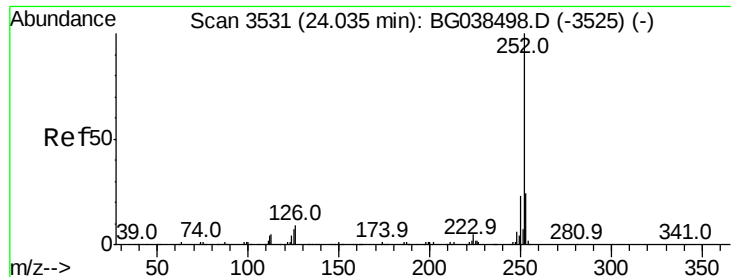
253 22.7 18.1 27.1

125 5.4 5.5 8.3#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

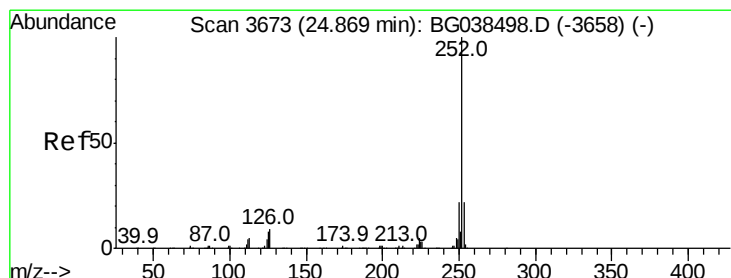
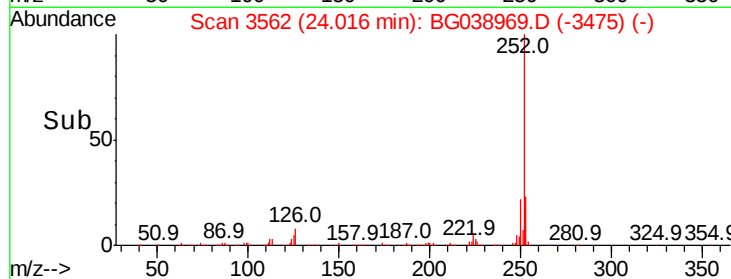
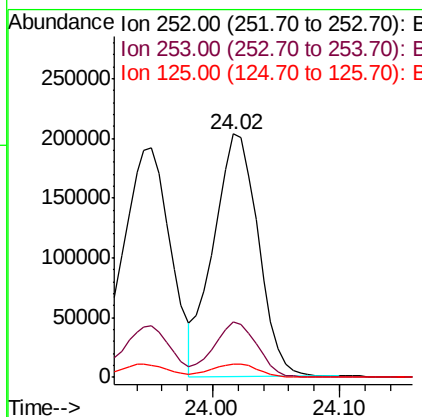
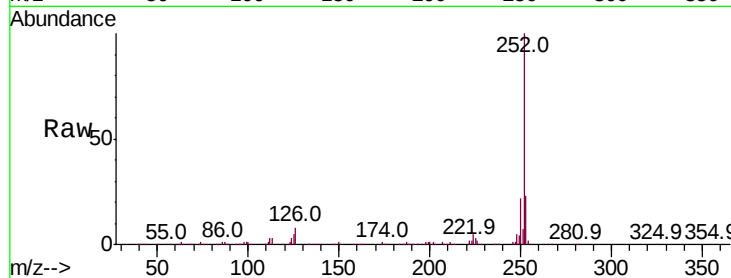




#89
Benzo(k)fluoranthene
Concen: 50.309 ng
RT: 24.02 min Scan# 3562
Delta R.T. -0.02 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

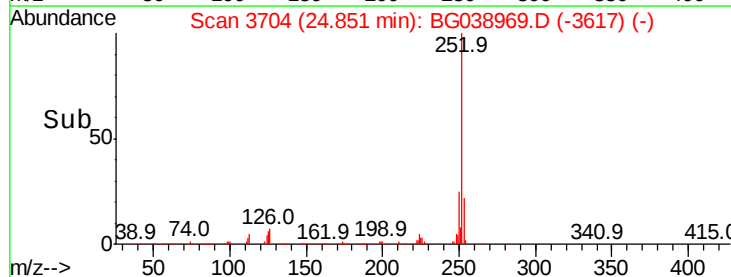
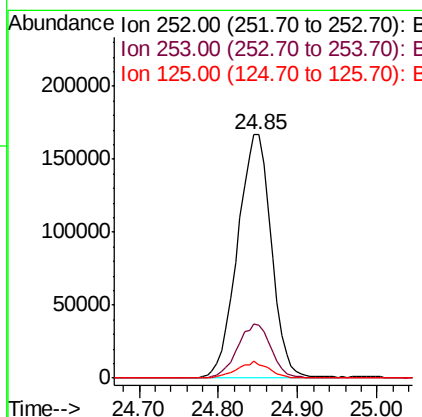
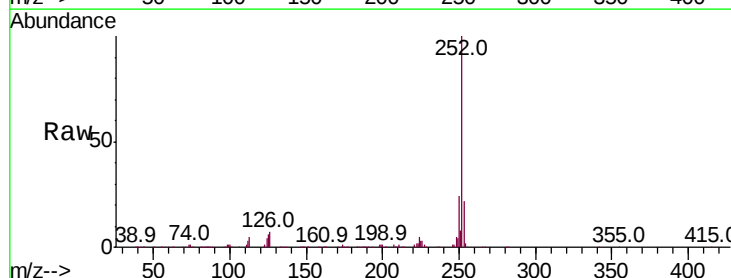
Instrument :
BNA_G
ClientSampled :

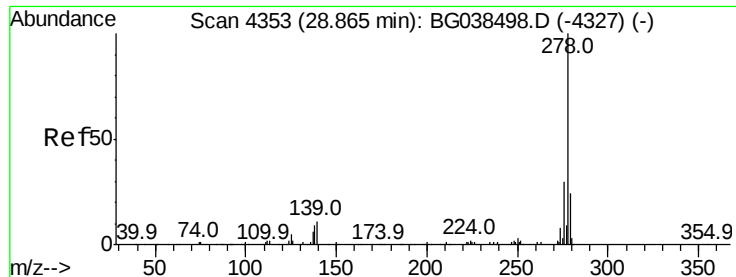
Tot Ion:252 Resp: 498121
Ion Ratio Lower Upper
252 100
253 22.7 18.9 28.3
125 5.3 5.4 8.2#



#90
Benzo(a)pyrene
Concen: 51.564 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.02 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Tgt Ion:252 Resp: 494636
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 5.6 6.4 9.6#





#91

Dibenzo(a,h)anthracene

Concen: 49.837 ng

RT: 28.84 min Scan# 4383

Delta R.T. -0.02 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

Instrument :

BNA_G

ClientSampled :

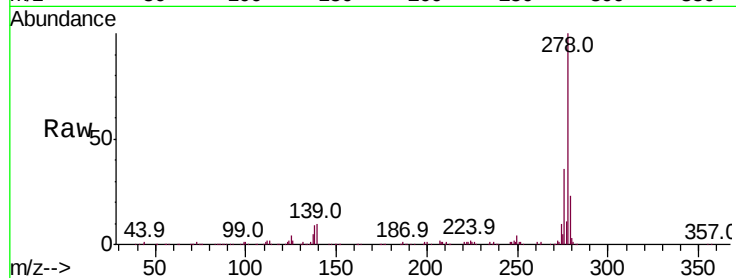
Tot Ion:278 Resp: 475995

Ion Ratio Lower Upper

278 100

139 10.3 8.6 12.8

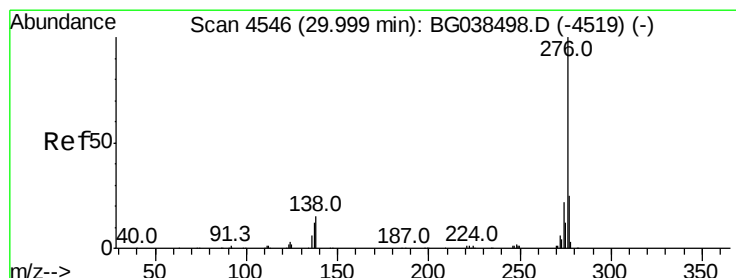
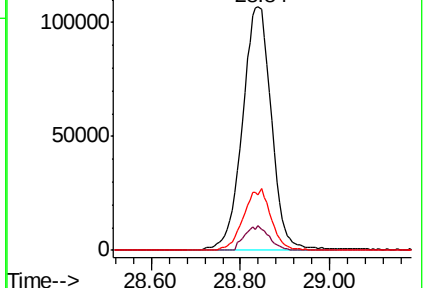
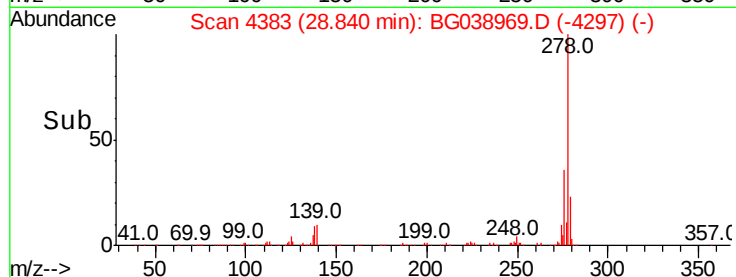
279 23.0 19.0 28.6



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



#92

Benzo(g,h,i)perylene

Concen: 50.824 ng

RT: 29.97 min Scan# 4576

Delta R.T. -0.02 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

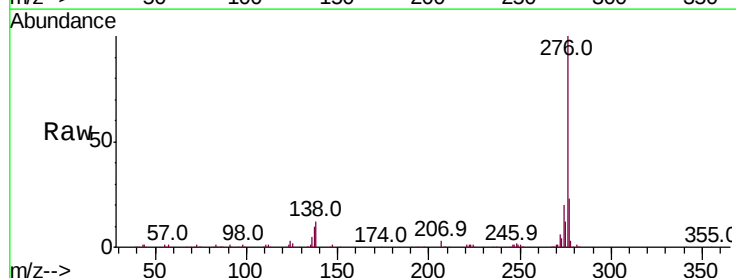
Tgt Ion:276 Resp: 478385

Ion Ratio Lower Upper

276 100

277 23.5 19.8 29.8

138 12.0 11.8 17.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

