

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
 Data File : BG038949.D
 Acq On : 5 Jan 2019 4:57
 Operator : JU/SJ
 Sample : PB116155BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 06 22:42:46 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	23773	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	94359	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	67736	20.00	ng	-0.01
64) Phenanthrene-d10	17.43	188	177425	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	177665	20.00	ng	-0.01
87) Perylene-d12	25.01	264	195851	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	129403	96.54	ng	0.00
7) Phenol-d6	7.21	99	175916	95.60	ng	0.00
23) Nitrobenzene-d5	9.22	82	104165	56.40	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	102908	110.24	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	289016	58.53	ng	-0.02
79) Terphenyl-d14	20.03	244	580023	71.05	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	12391	19.863	ng	95
3) Pyridine	3.88	79	36038	20.983	ng	96
4) n-Nitrosodimethylamine	3.81	42	21442	25.480	ng	85
6) Aniline	7.37	93	29543	12.577	ng	98
8) 2-Chlorophenol	7.61	128	47967	30.925	ng	98
9) Benzaldehyde	7.19	77	18789	15.741	ng	88
10) Phenol	7.24	94	60472	30.934	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	39187	25.178	ng	92
12) 1,3-Dichlorobenzene	7.93	146	50660	27.623	ng	97
13) 1,4-Dichlorobenzene	8.08	146	52133	27.756	ng	92
14) 1,2-Dichlorobenzene	8.40	146	48679	27.491	ng	95
15) Benzyl Alcohol	8.29	79	41955	29.212	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	81632	22.897	ng	96
17) 2-Methylphenol	8.49	107	41177	31.440	ng	95
18) Hexachloroethane	9.12	117	17683	25.764	ng	88
19) n-Nitroso-di-n-propylamine	8.85	70	32665	25.276	ng	97
20) 3+4-Methylphenols	8.82	107	58458	32.319	ng	97
22) Acetophenone	8.88	105	68751	29.170	ng	# 94
24) Nitrobenzene	9.26	77	52387	28.037	ng	98
25) Isophorone	9.78	82	96056	28.945	ng	# 96
26) 2-Nitrophenol	9.98	139	29075	30.402	ng	91
27) 2,4-Dimethylphenol	10.02	122	49815	36.346	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	56029	29.918	ng	99
29) 2,4-Dichlorophenol	10.52	162	55872	36.643	ng	96
30) 1,2,4-Trichlorobenzene	10.72	180	57694	31.325	ng	94
31) Naphthalene	10.92	128	148383	31.916	ng	98
32) Benzoic acid	10.16	122	12348	21.345	ng	# 85
33) 4-Chloroaniline	11.04	127	28574	14.156	ng	97
34) Hexachlorobutadiene	11.17	225	37409	30.018	ng	95
35) Caprolactam	11.81	113	18837	29.852	ng	89
36) 4-Chloro-3-methylphenol	12.15	107	56409	32.419	ng	95
37) 2-Methylnaphthalene	12.51	142	113437	34.201	ng	99
38) 1-Methylnaphthalene	12.73	142	110166	34.229	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	71859	28.381	ng	99

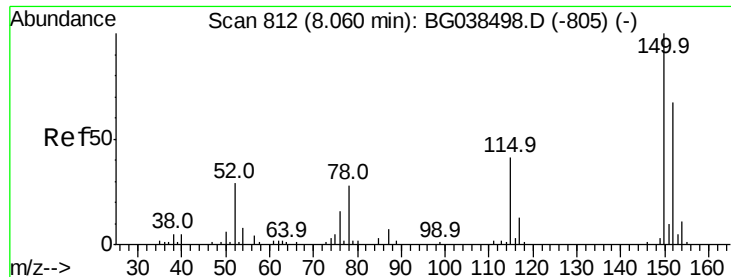
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
 Data File : BG038949.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	87062	62.588	ng	97
43) 2,4,6-Trichlorophenol	13.13	196	51902	33.339	ng	99
44) 2,4,5-Trichlorophenol	13.20	196	56162	34.073	ng	97
46) 1,1'-Biphenyl	13.52	154	156290	27.523	ng	98
47) 2-Chloronaphthalene	13.57	162	125294	28.565	ng	99
48) 2-Nitroaniline	13.78	65	40505	28.991	ng	93
49) Acenaphthylene	14.41	152	209871	32.005	ng	98
50) Dimethylphthalate	14.14	163	169199	30.588	ng	99
51) 2,6-Dinitrotoluene	14.27	165	38767	30.926	ng	90
52) Acenaphthene	14.75	154	117877	30.062	ng	97
53) 3-Nitroaniline	14.61	138	22403	17.532	ng	90
54) 2,4-Dinitrophenol	14.82	184	23208	34.282	ng	94
55) Dibenzofuran	15.08	168	204727	30.459	ng	95
56) 4-Nitrophenol	14.92	139	55490	57.242	ng	93
57) 2,4-Dinitrotoluene	15.06	165	56202	31.832	ng	87
58) Fluorene	15.73	166	168164	33.770	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	51601	34.796	ng	99
60) Diethylphthalate	15.49	149	178528	29.400	ng	99
61) 4-Chlorophenyl-phenylether	15.72	204	94046	30.269	ng	97
62) 4-Nitroaniline	15.77	138	39455	29.991	ng	94
63) Azobenzene	16.01	77	143102	28.209	ng	97
65) 4,6-Dinitro-2-methylphenol	15.82	198	30397	24.017	ng	88
66) n-Nitrosodiphenylamine	15.94	169	155551	29.838	ng	98
67) 4-Bromophenyl-phenylether	16.62	248	66266	30.581	ng	97
68) Hexachlorobenzene	16.73	284	70427	31.354	ng	95
69) Atrazine	16.88	200	67816	35.053	ng	92
70) Pentachlorophenol	17.09	266	67434	50.756	ng	97
71) Phenanthrene	17.48	178	300634	32.675	ng	98
72) Anthracene	17.57	178	307752	33.882	ng	100
73) Carbazole	17.84	167	268886	29.933	ng	98
74) Di-n-butylphthalate	18.37	149	315413	30.601	ng	99
75) Fluoranthene	19.49	202	377039	33.121	ng	97
77) Benzidine	19.67	184	100742	19.173	ng	98
78) Pyrene	19.85	202	381619	32.514	ng	98
80) Butylbenzylphthalate	20.72	149	142146	30.999	ng	96
81) Benzo(a)anthracene	21.70	228	360688	33.317	ng	99
82) 3,3'-Dichlorobenzidine	21.61	252	72207	16.817	ng	99
83) Chrysene	21.76	228	339377	32.546	ng	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	197101	30.307	ng	98
85) Di-n-octyl phthalate	22.78	149	336135	30.861	ng	96
86) Indeno(1,2,3-cd)pyrene	28.78	276	405660	33.090	ng	# 94
88) Benzo(b)fluoranthene	23.95	252	362974	33.756	ng	99
89) Benzo(k)fluoranthene	24.02	252	347398	32.444	ng	98
90) Benzo(a)pyrene	24.85	252	349827	33.722	ng	# 98
91) Dibenzo(a,h)anthracene	28.84	278	330612	32.008	ng	97
92) Benzo(g,h,i)perylene	29.98	276	333080	32.722	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

Instrument :

BNA_G

ClientSampleId :

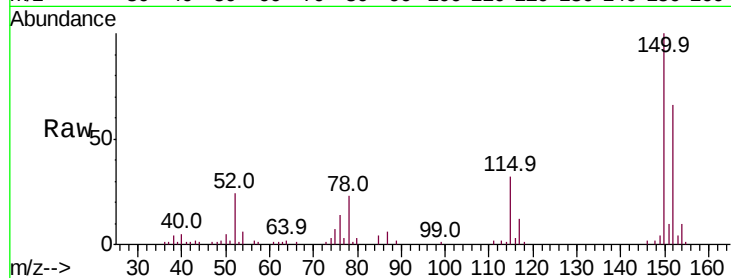
Tot Ion:152 Resp: 23773

Ion Ratio Lower Upper

152 100

150 150.8 119.5 179.3

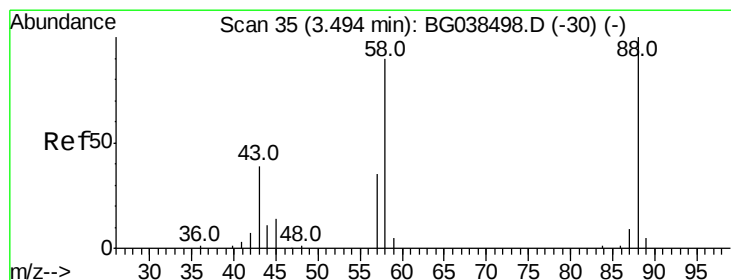
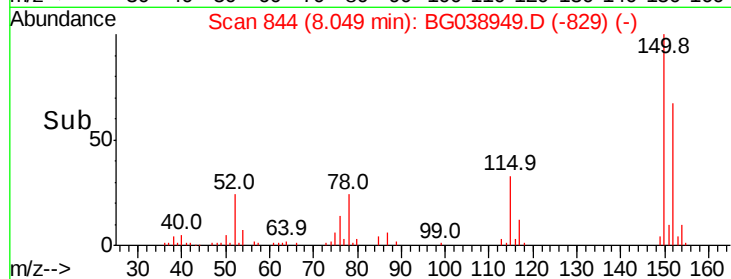
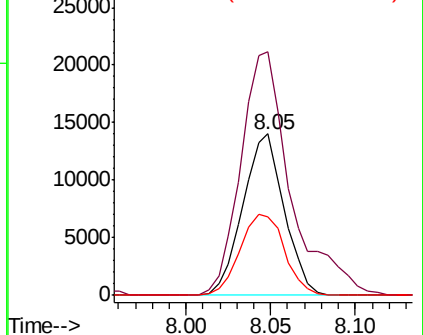
115 48.8 49.6 74.4#



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



#2

1,4-Dioxane

Concen: 19.863 ng

RT: 3.48 min Scan# 66

Delta R.T. -0.02 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

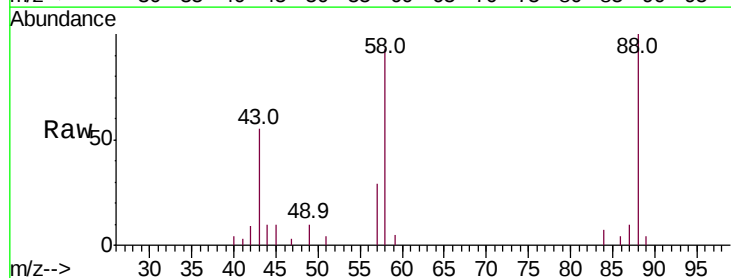
Tgt Ion: 88 Resp: 12391

Ion Ratio Lower Upper

88 100

58 97.8 75.7 113.5

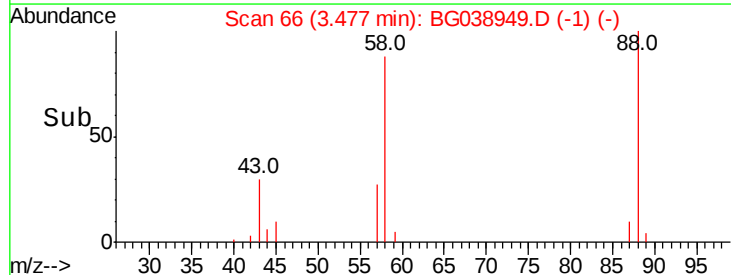
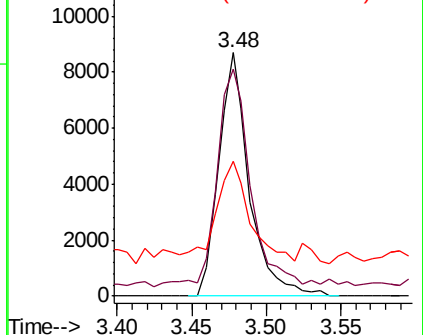
43 44.2 31.6 47.4

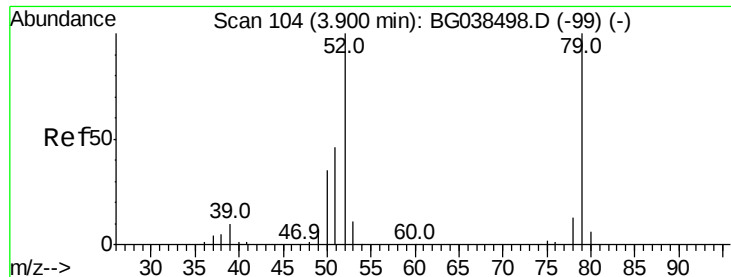


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

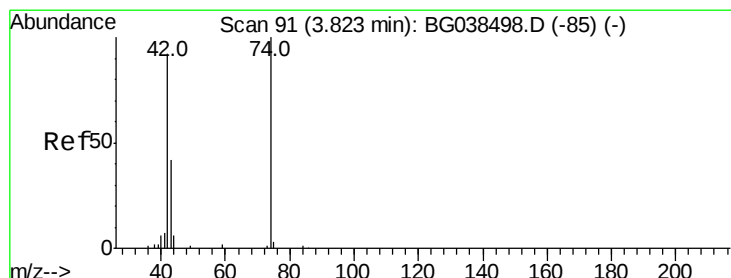
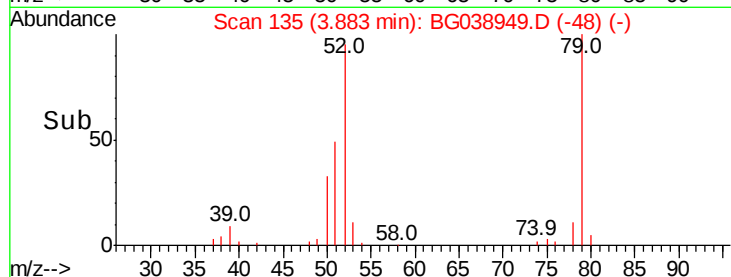
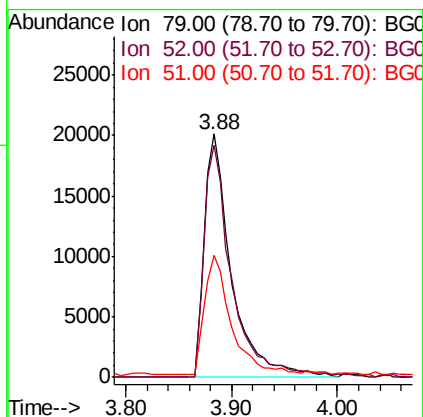
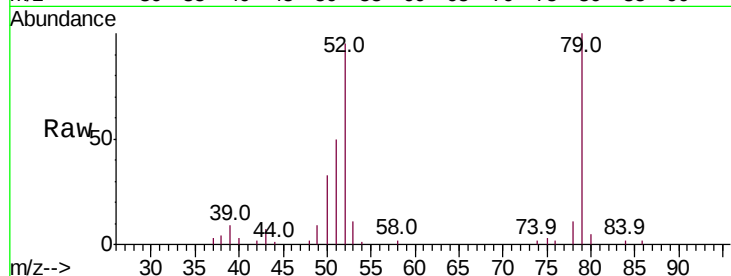




#3
 Pvridine
 Concen: 20.983 ng
 RT: 3.88 min Scan# 135
 Delta R.T. -0.02 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

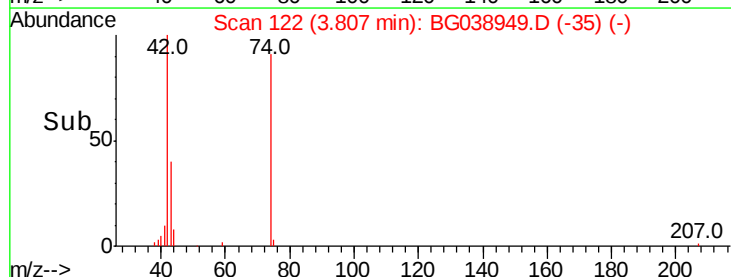
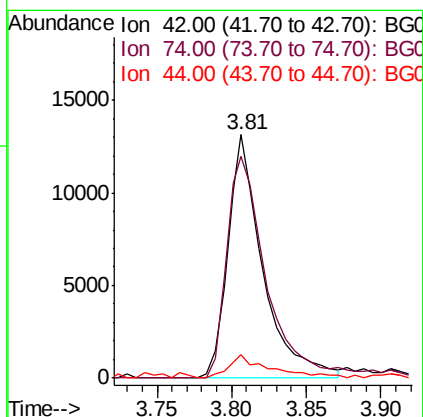
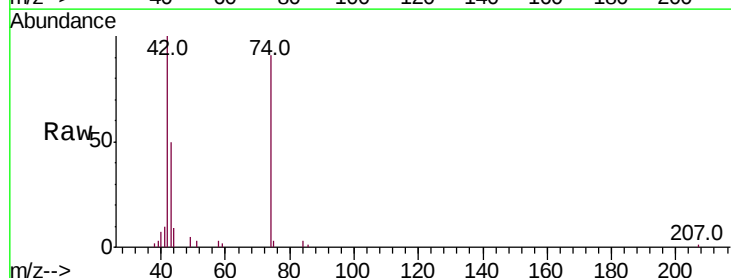
Instrument :
 BNA_G
 ClientSampleId :

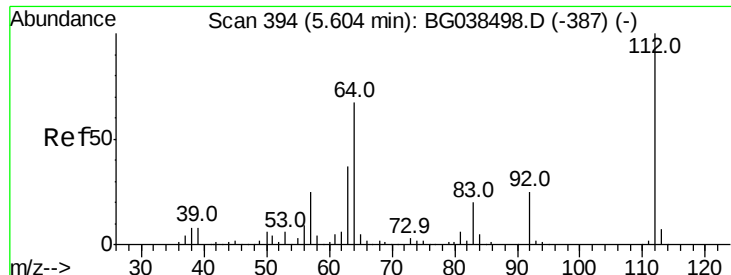
Tot Ion: 79 Resp: 36038
 Ion Ratio Lower Upper
 79 100
 52 95.4 80.2 120.2
 51 50.0 38.0 57.0



#4
 n-Nitrosodimethylamine
 Concen: 25.480 ng
 RT: 3.81 min Scan# 122
 Delta R.T. -0.02 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Tgt Ion: 42 Resp: 21442
 Ion Ratio Lower Upper
 42 100
 74 91.1 86.7 130.1
 44 9.5 7.8 11.8





#5

2-Fluorophenol

Concen: 96.545 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.00 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

Instrument :

BNA_G

ClientSampled :

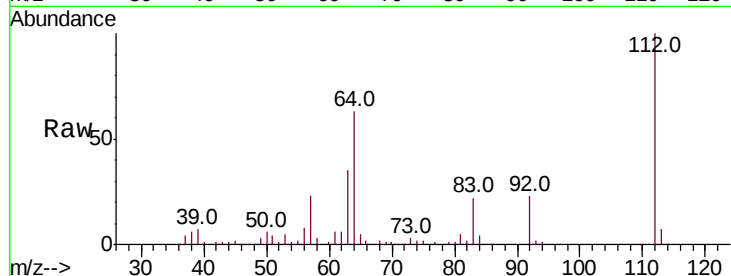
Tot Ion:112 Resp: 129403

Ion Ratio Lower Upper

112 100

64 62.5 53.4 80.2

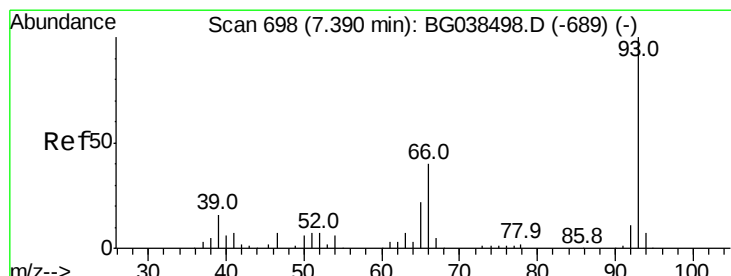
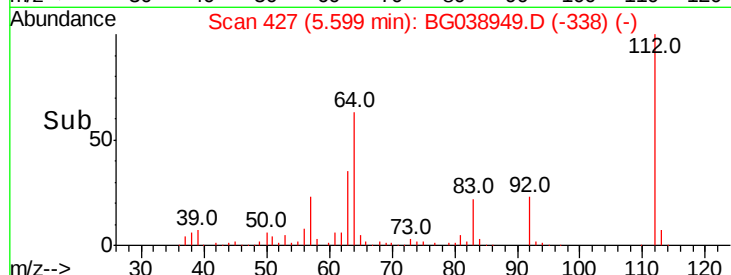
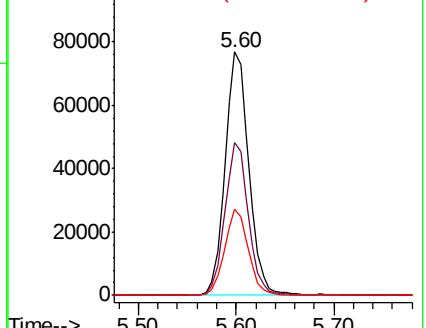
63 35.2 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 12.577 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

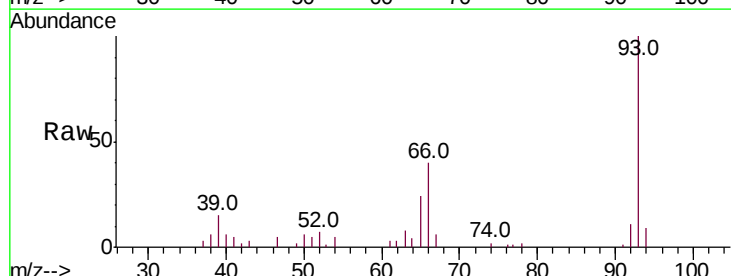
Tgt Ion: 93 Resp: 29543

Ion Ratio Lower Upper

93 100

66 40.4 31.7 47.5

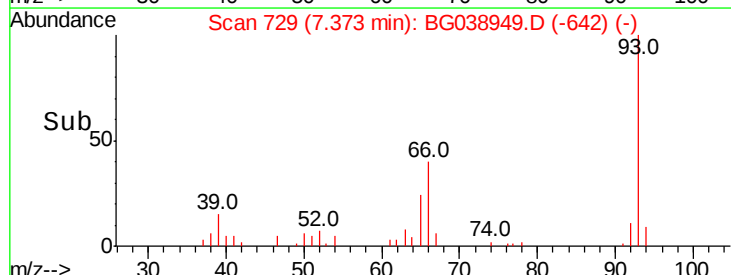
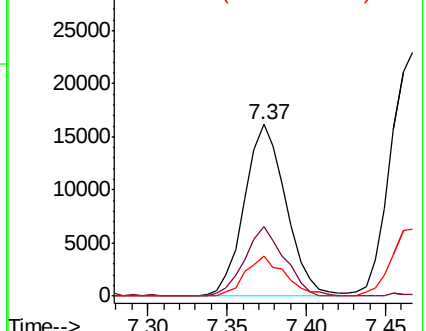
65 23.7 17.8 26.6

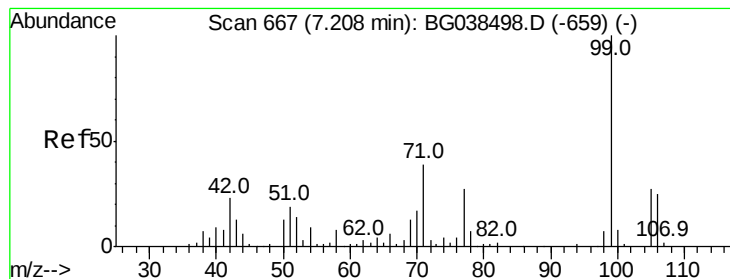


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 95.605 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

Instrument :

BNA_G

ClientSampled :

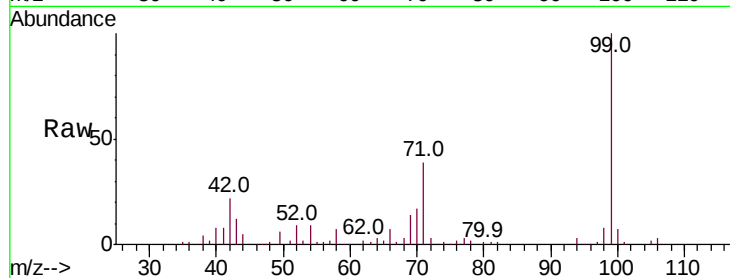
Tot Ion: 99 Resp: 175916

Ion Ratio Lower Upper

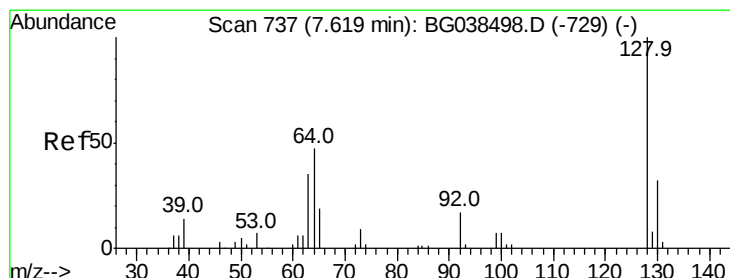
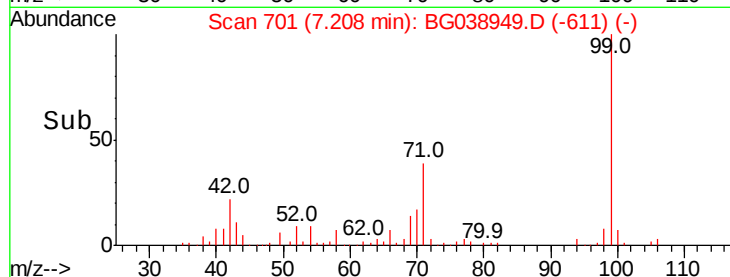
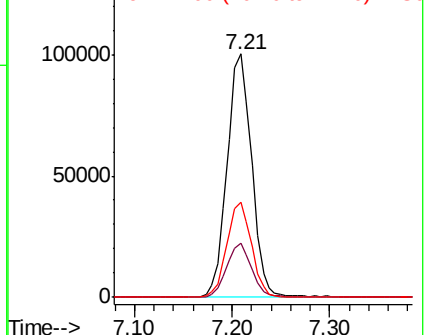
99 100

42 22.3 18.5 27.7

71 38.8 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: 30.925 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

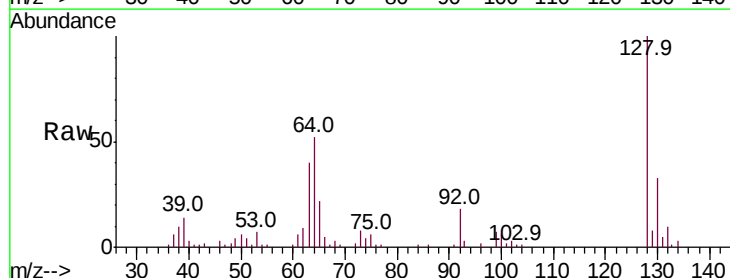
Tgt Ion:128 Resp: 47967

Ion Ratio Lower Upper

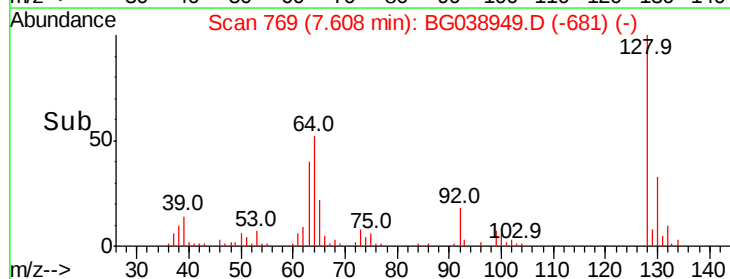
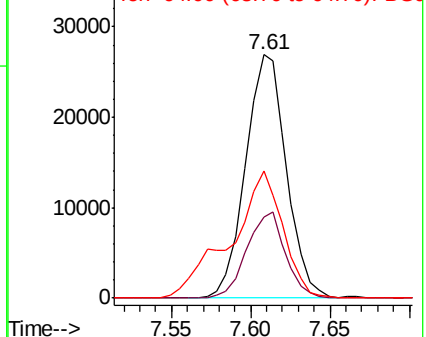
128 100

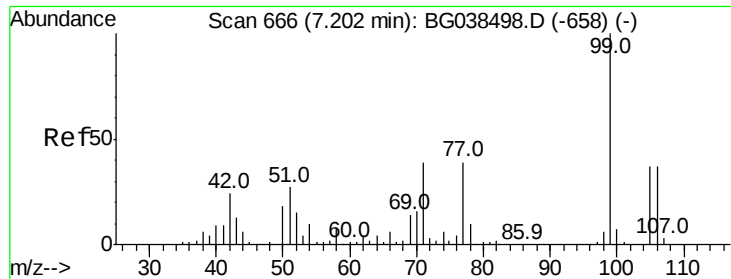
130 33.4 11.8 51.8

64 52.3 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

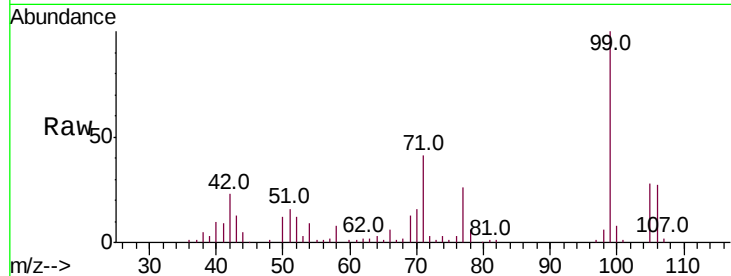




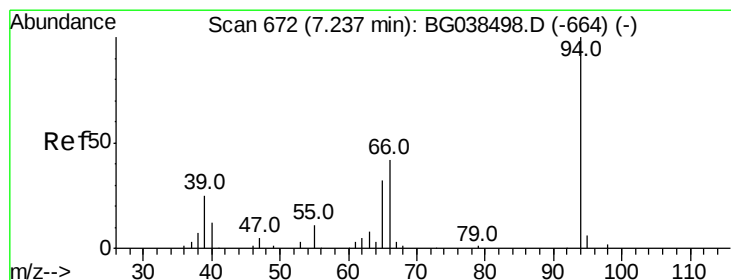
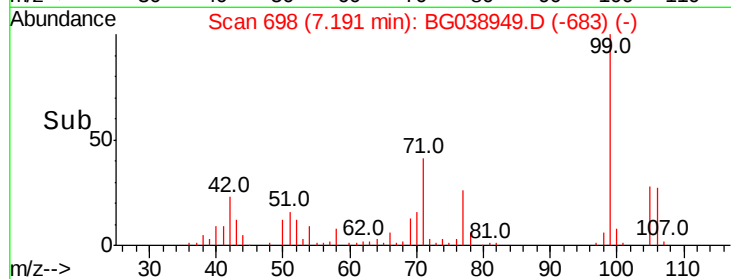
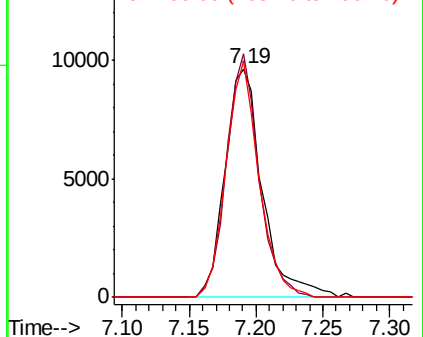
#9
Benzaldehyde
Concen: 15.741 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Instrument :
BNA_G
ClientSampled :

Tot Ion: 77 Resp: 18789
Ion Ratio Lower Upper
77 100
105 106.7 74.0 114.0
106 103.5 73.9 113.9

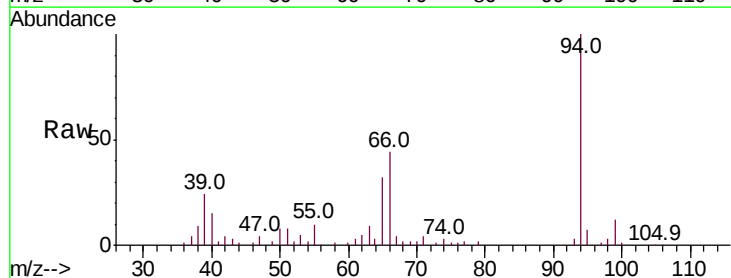


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

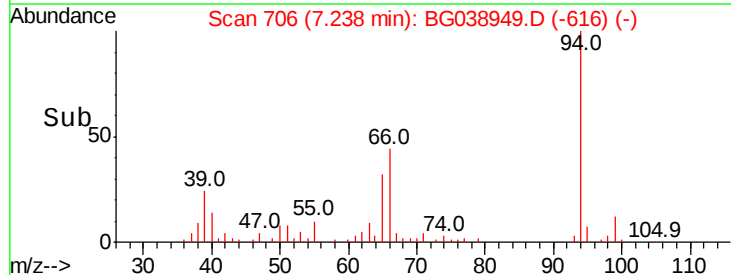
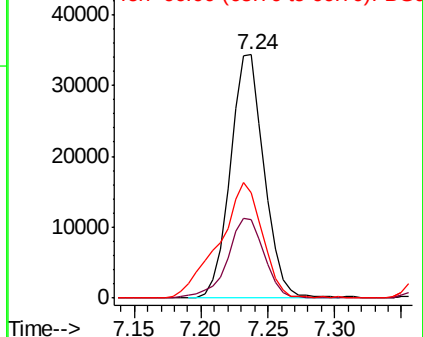


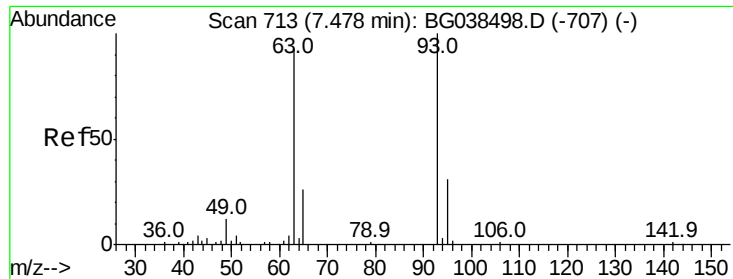
#10
Phenol
Concen: 30.934 ng
RT: 7.24 min Scan# 706
Delta R.T. 0.00 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Tgt Ion: 94 Resp: 60472
Ion Ratio Lower Upper
94 100
65 32.4 12.6 52.6
66 43.5 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

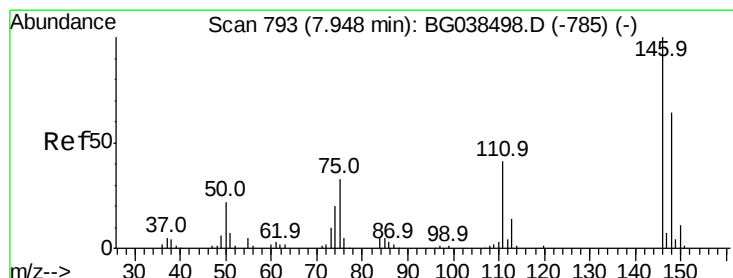
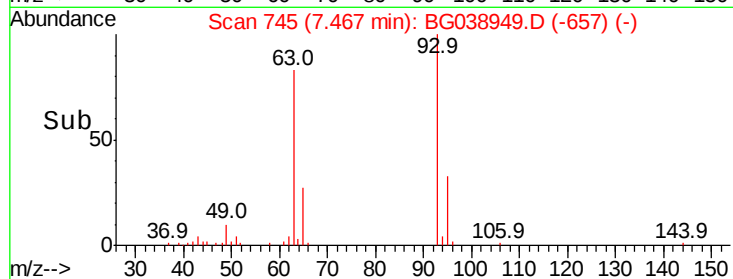
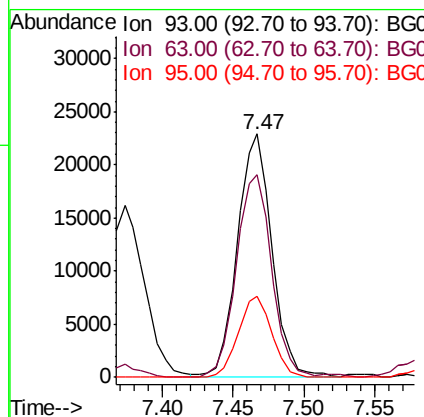
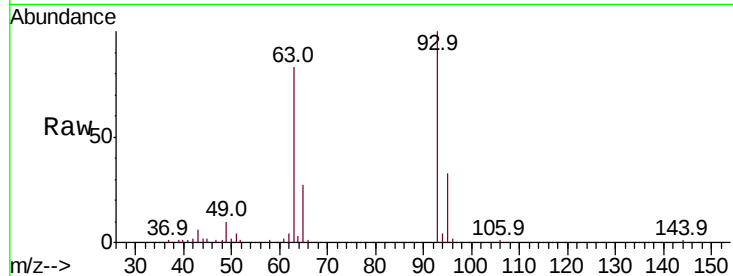




#11
 bis(2-Chloroethyl)ether
 Concen: 25.178 ng
 RT: 7.47 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

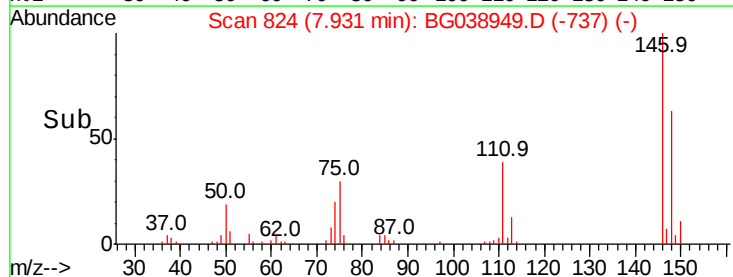
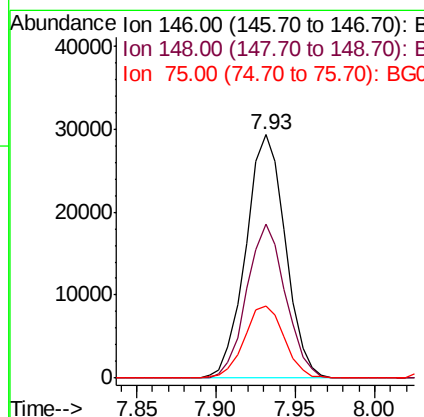
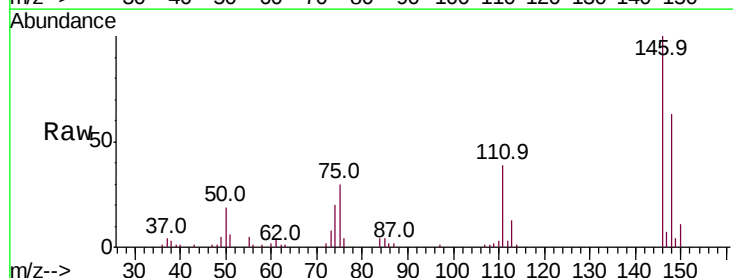
Instrument :
 BNA_G
 ClientSampleId :

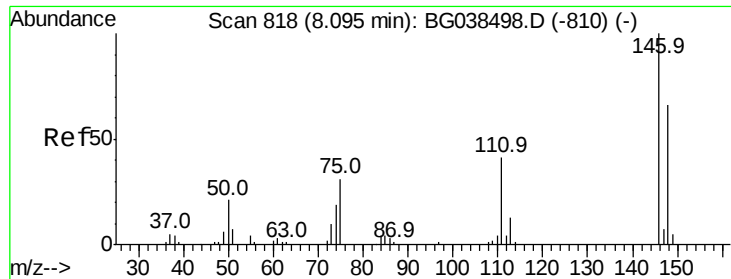
Tot Ion: 93 Resp: 39187
 Ion Ratio Lower Upper
 93 100
 63 83.4 72.2 112.2
 95 33.3 11.2 51.2



#12
 1,3-Dichlorobenzene
 Concen: 27.623 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Tgt Ion: 146 Resp: 50660
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.4 77.0
 75 29.7 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 27.756 ng

RT: 8.08 min Scan# 849

Delta R.T. -0.02 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

Instrument :

BNA_G

ClientSampleId :

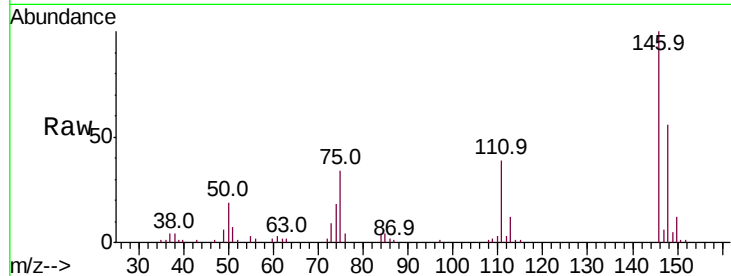
Tot Ion:146 Resp: 52133

Ion Ratio Lower Upper

146 100

148 56.5 52.4 78.6

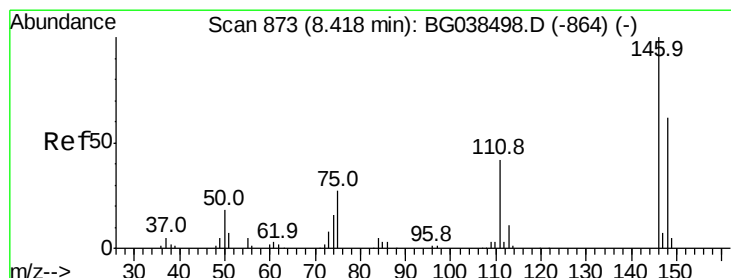
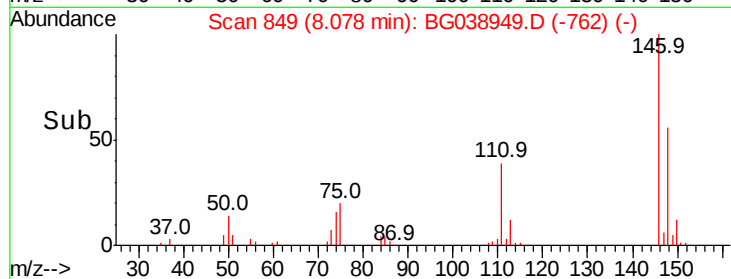
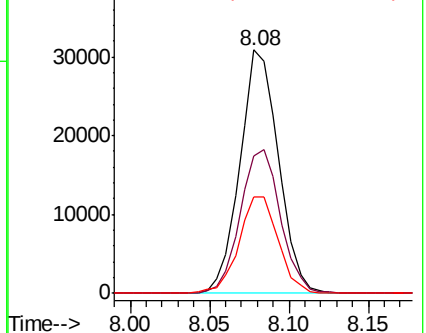
111 39.5 33.0 49.4



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: 27.491 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.02 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

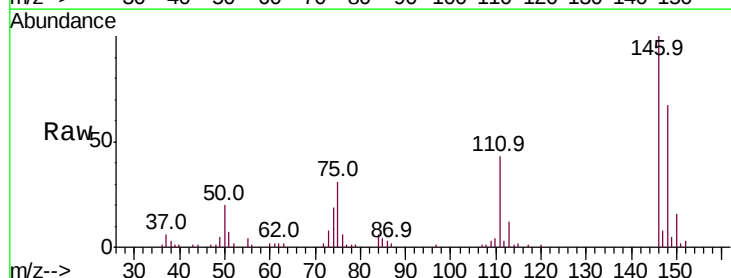
Tgt Ion:146 Resp: 48679

Ion Ratio Lower Upper

146 100

148 67.4 49.4 74.0

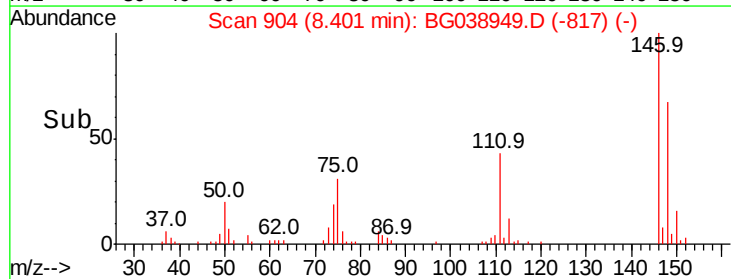
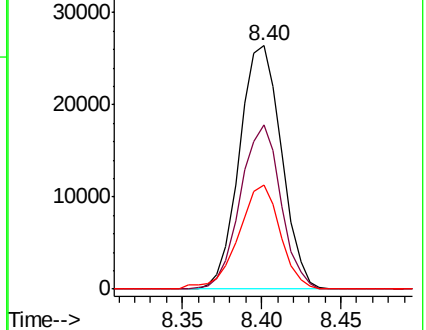
111 43.0 33.8 50.6

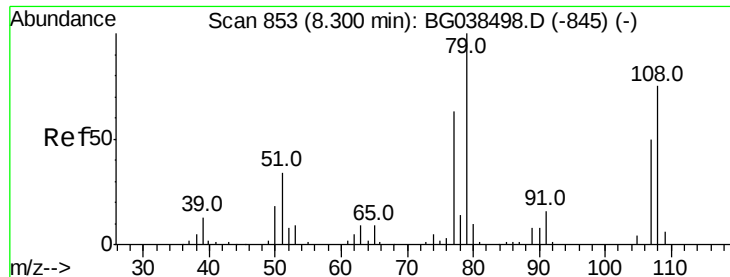


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 29.212 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

Instrument :

BNA_G

ClientSampleId :

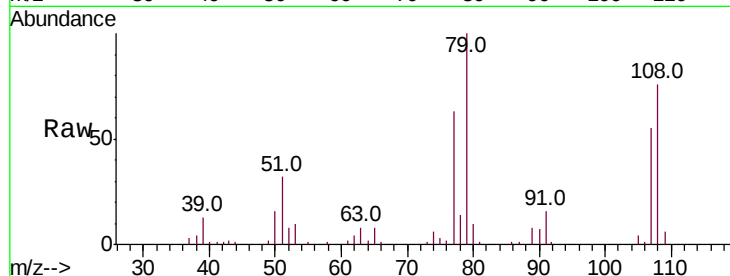
Tot Ion: 79 Resp: 41955

Ion Ratio Lower Upper

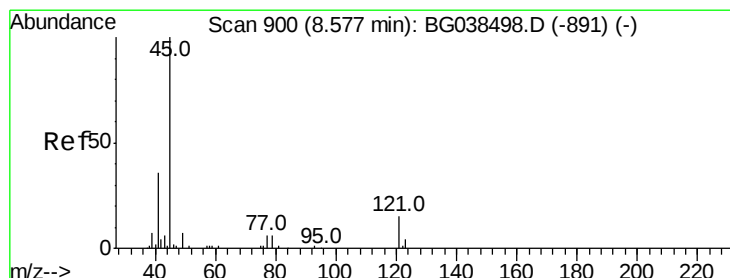
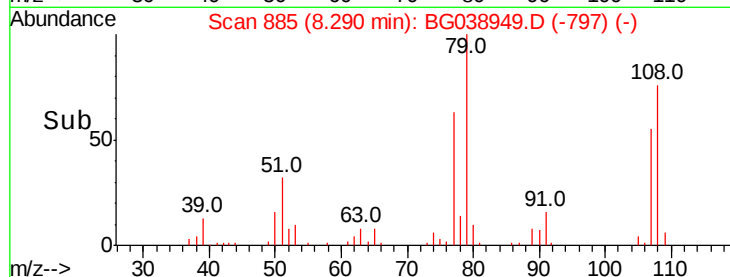
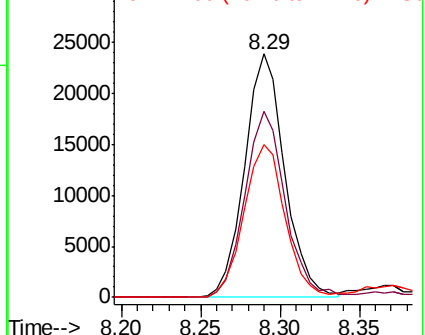
79 100

108 76.4 60.2 90.4

77 62.9 50.7 76.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 22.897 ng

RT: 8.57 min Scan# 932

Delta R.T. -0.01 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

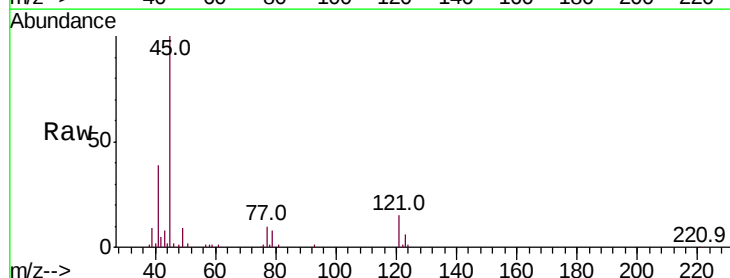
Tgt Ion: 45 Resp: 81632

Ion Ratio Lower Upper

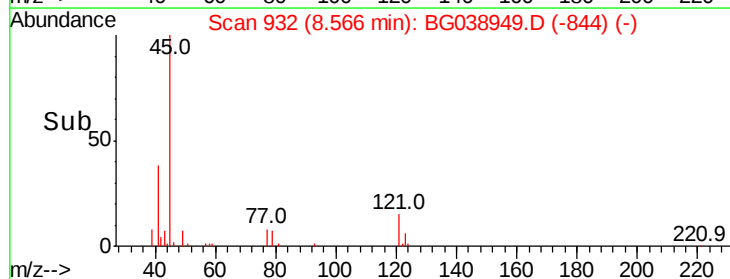
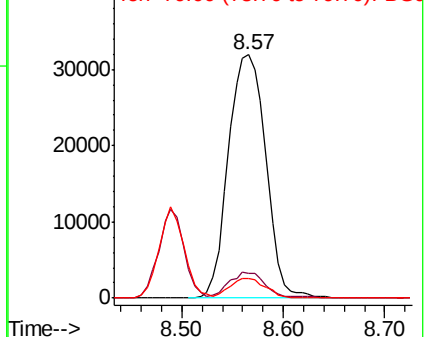
45 100

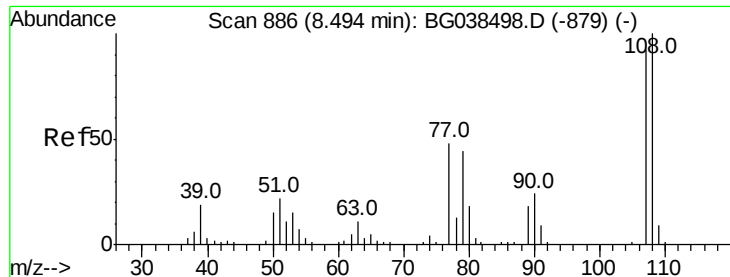
77 10.1 0.0 28.2

79 7.8 0.0 27.2



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

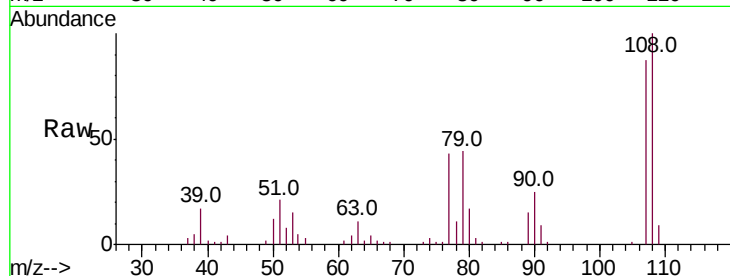




#17
2-Methylphenol
Concen: 31.440 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.3	87.1	130.7
77	49.6	42.0	63.0
79	50.8	38.2	57.2



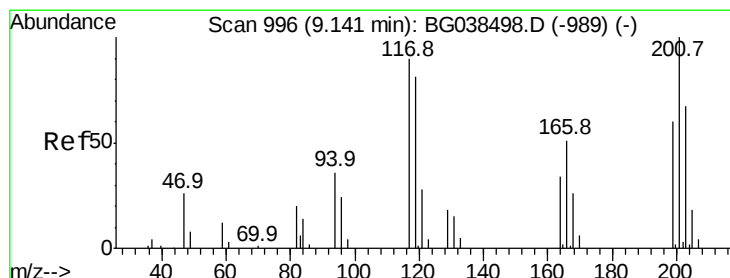
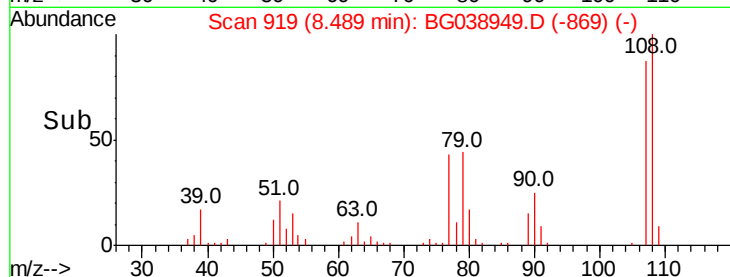
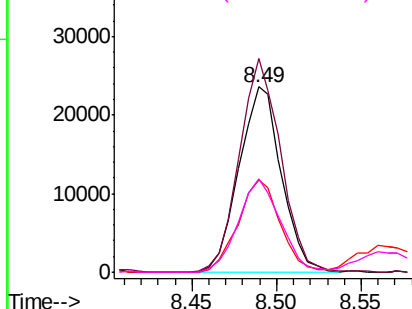
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

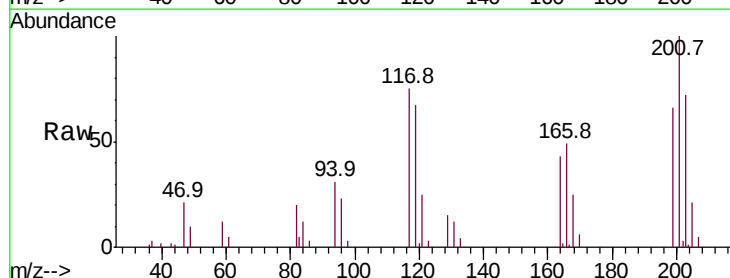
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 25.764 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.3	73.8	110.8
201	133.0	89.4	134.0

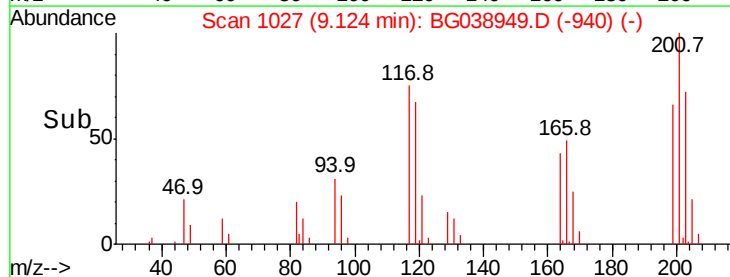
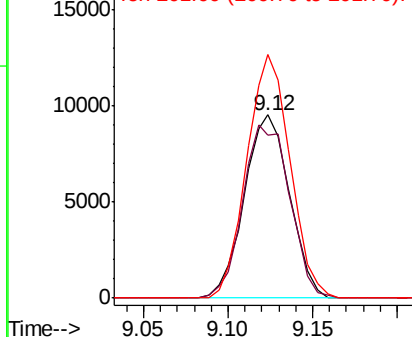


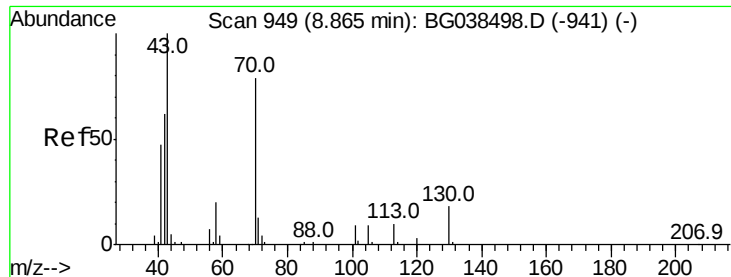
Abundance

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

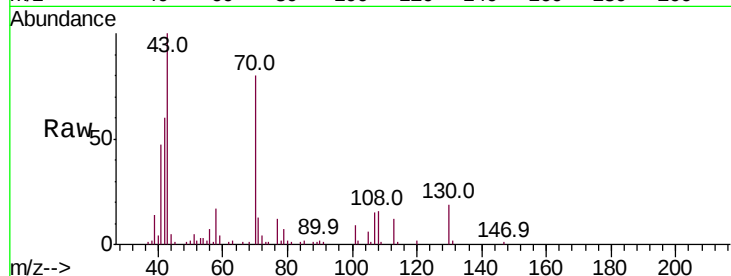




#19
n-Nitroso-di-n-propylamine
Concen: 25.276 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.02 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	32665
Ion	Ratio	Lower	Upper
70	100		
42	75.4	63.6	95.4
101	11.7	9.2	13.8
130	23.3	18.5	27.7



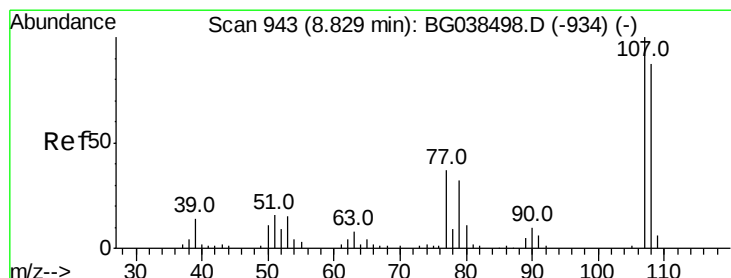
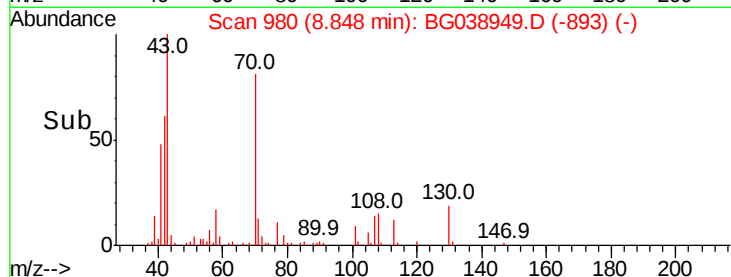
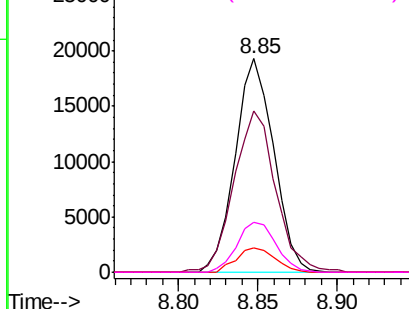
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

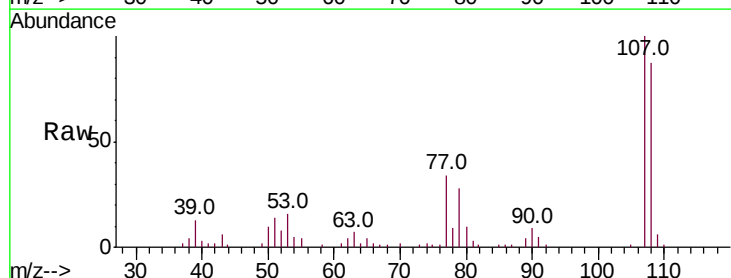
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 32.319 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Tgt Ion:	107	Resp:	58458
Ion	Ratio	Lower	Upper
107	100		
108	86.6	66.7	106.7
77	33.5	17.3	57.3
79	27.9	12.3	52.3



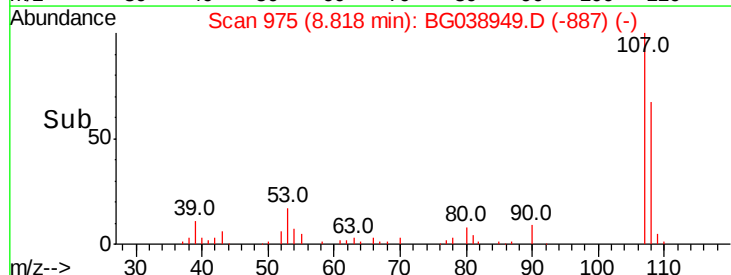
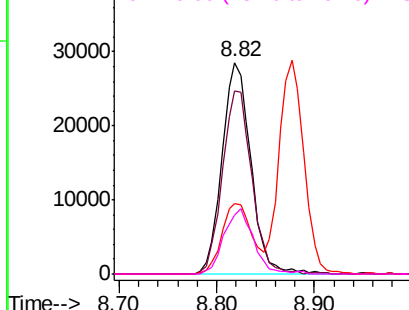
Abundance

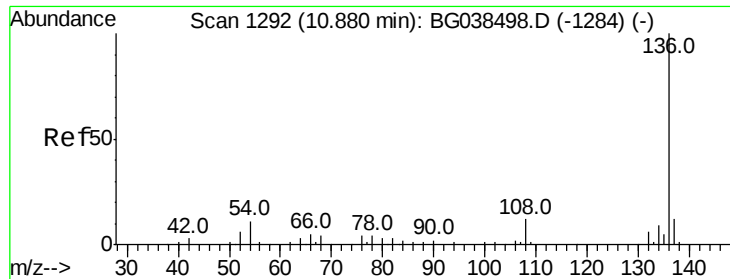
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

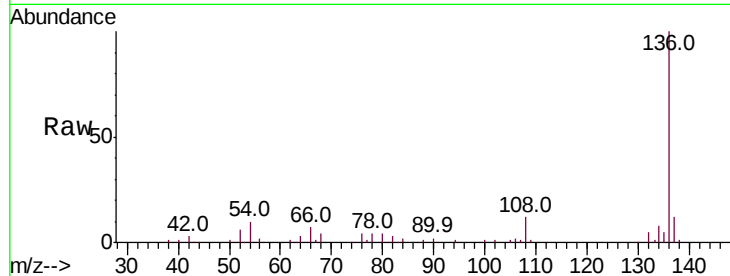




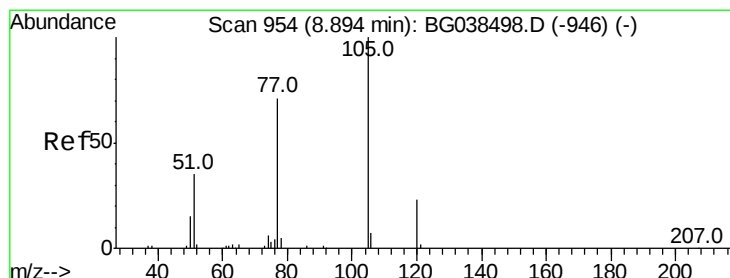
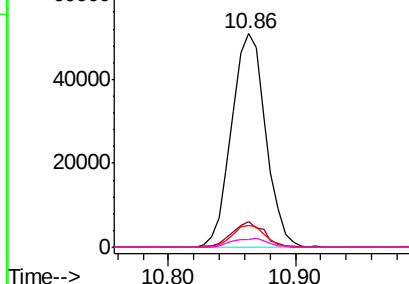
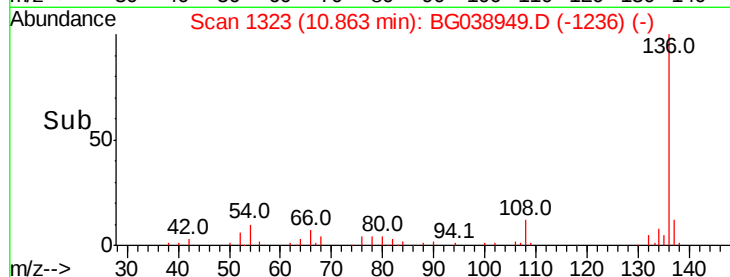
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	94359
Ion Ratio	Lower	Upper
136	100	
137	12.1	9.3 13.9
54	10.2	8.5 12.7
68	3.9	3.5 5.3

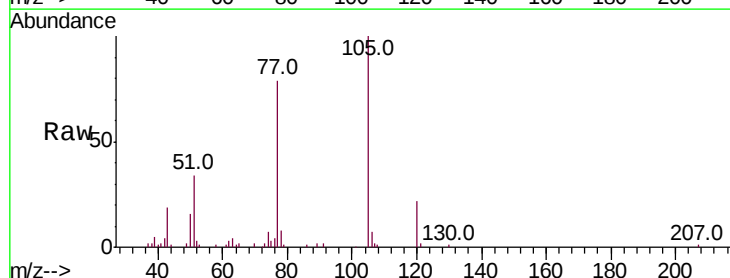


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

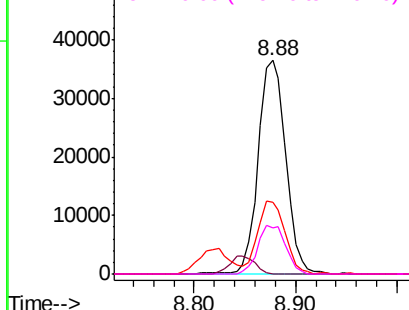
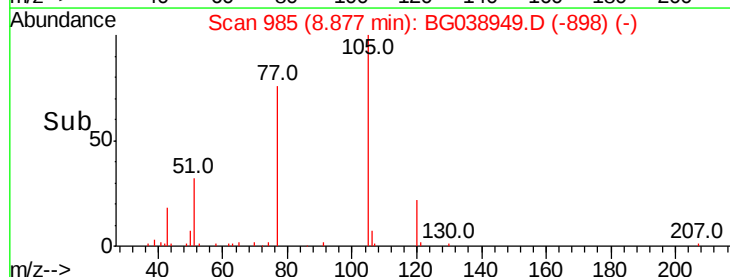


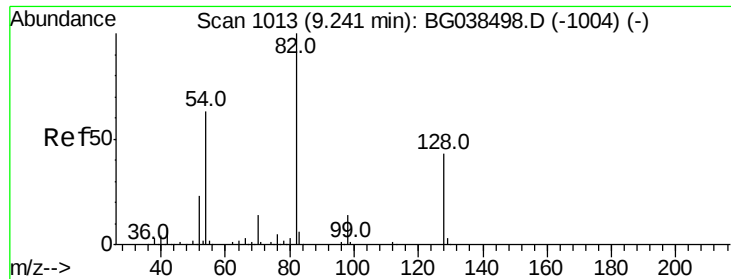
#22
Acetophenone
Concen: 29.170 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Tgt Ion:105	Resp:	68751
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.4 0.6#
51	33.6	30.6 46.0
120	21.8	18.6 28.0



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

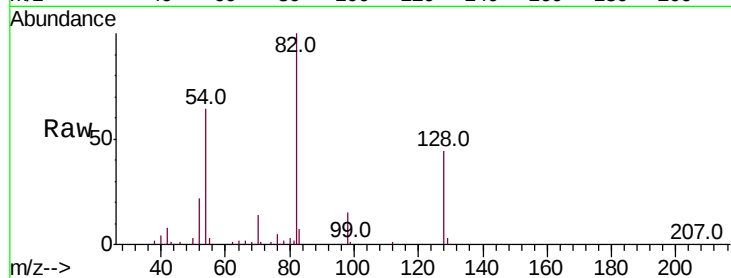




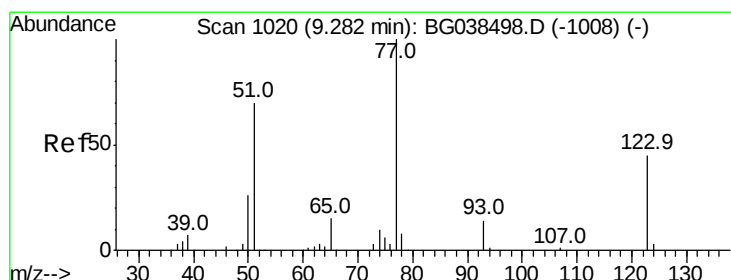
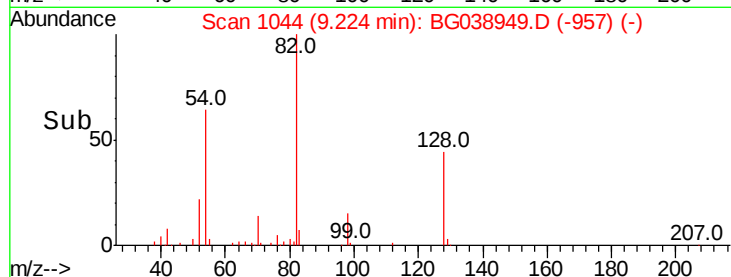
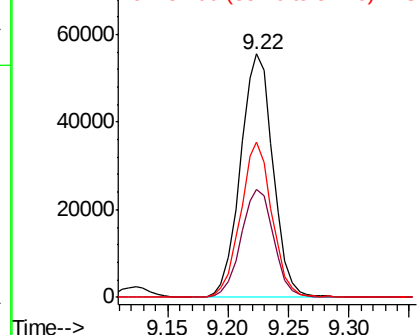
#23
Nitrobenzene-d5
Concen: 56.396 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 104165
Ion Ratio Lower Upper
82 100
128 44.3 34.6 52.0
54 63.7 50.6 76.0

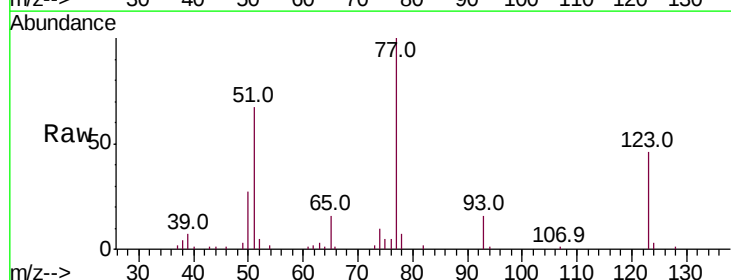


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

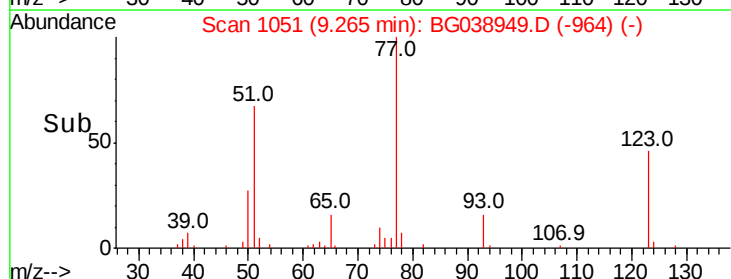
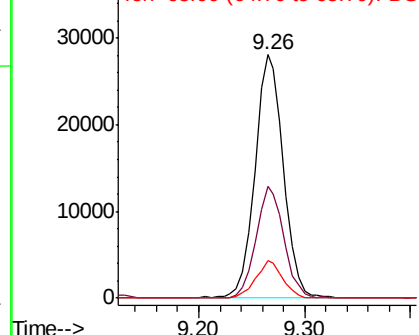


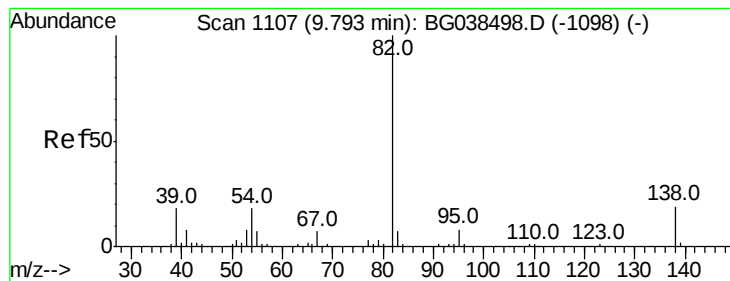
#24
Nitrobenzene
Concen: 28.037 ng
RT: 9.26 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Tgt Ion: 77 Resp: 52387
Ion Ratio Lower Upper
77 100
123 46.0 35.9 53.9
65 15.7 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: 28.945 ng

RT: 9.78 min Scan# 1138

Delta R.T. -0.02 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

Instrument :

BNA_G

ClientSampleId :

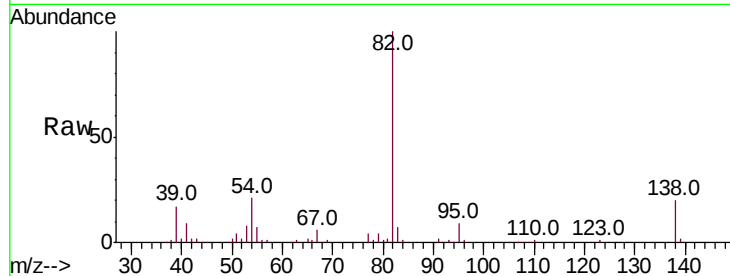
Tot Ion: 82 Resp: 96056

Ion Ratio Lower Upper

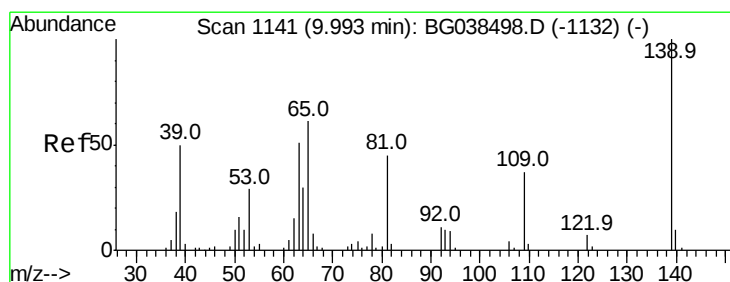
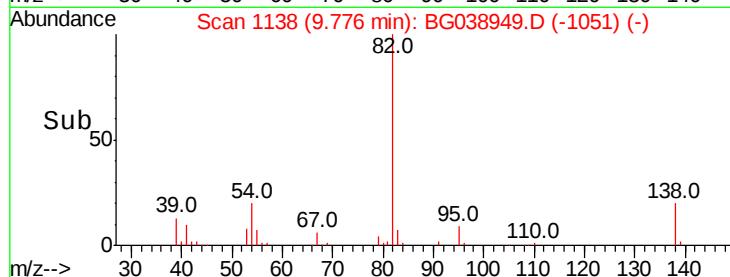
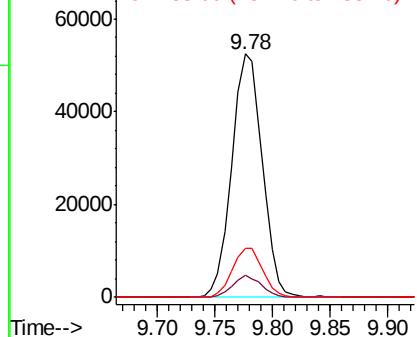
82 100

95 9.3 6.1 9.1#

138 19.9 14.9 22.3



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



#26

2-Nitrophenol

Concen: 30.402 ng

RT: 9.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

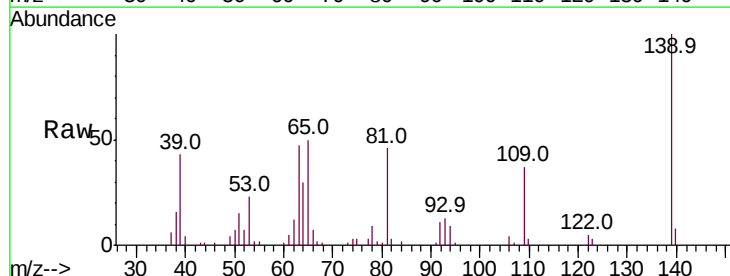
Tgt Ion: 139 Resp: 29075

Ion Ratio Lower Upper

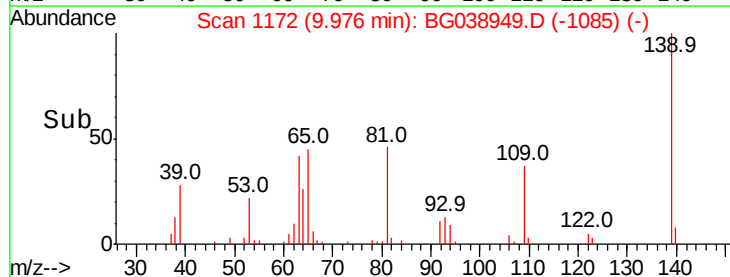
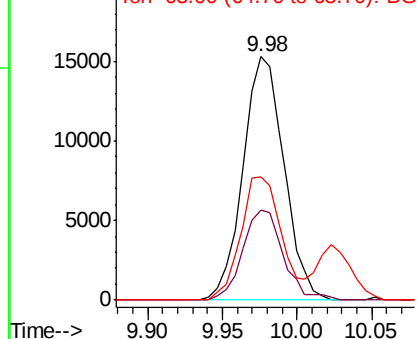
139 100

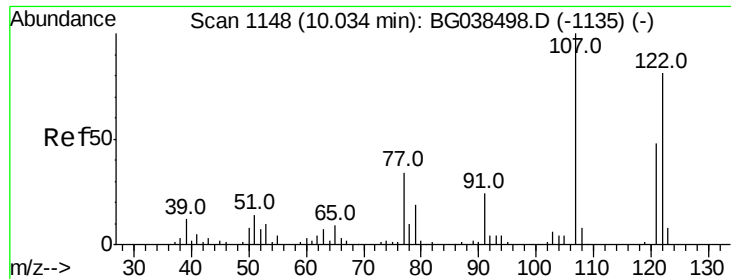
109 37.2 29.5 44.3

65 50.4 48.5 72.7



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

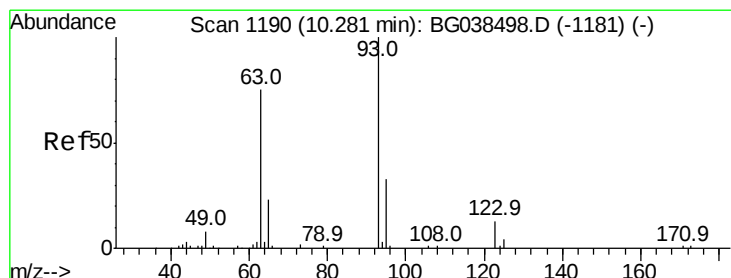
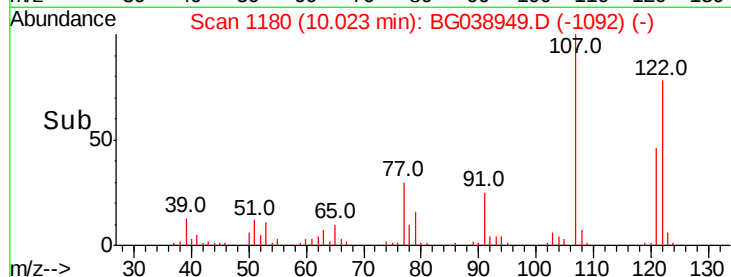
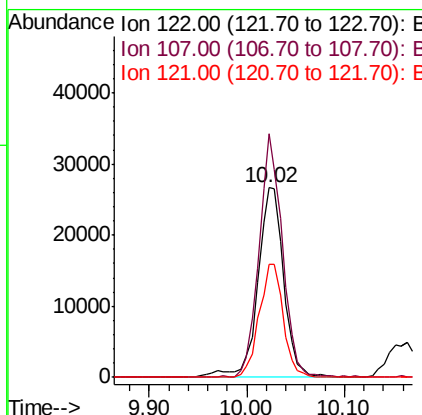
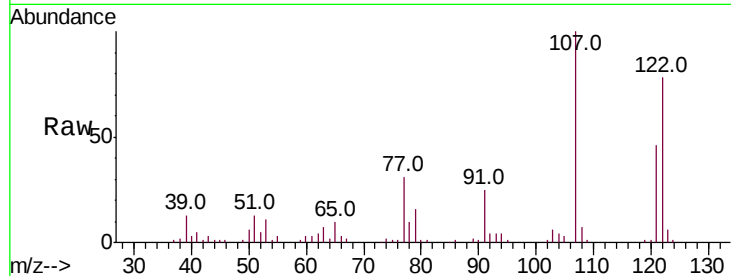




#27
 2,4-Dimethylphenol
 Concen: 36.346 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

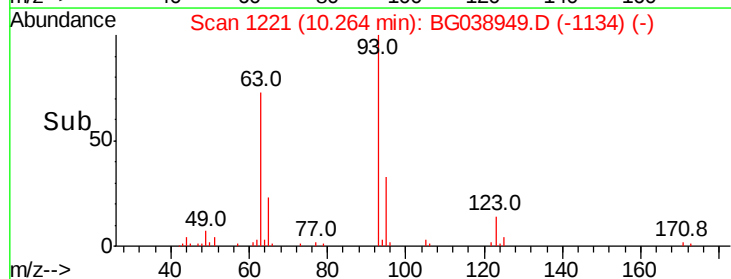
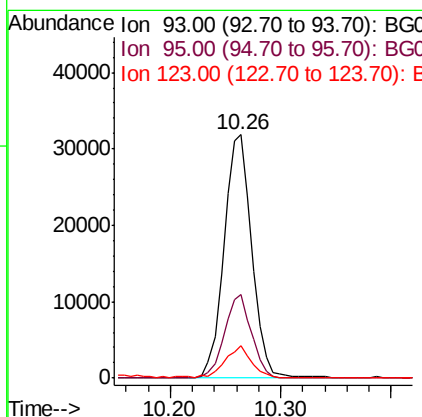
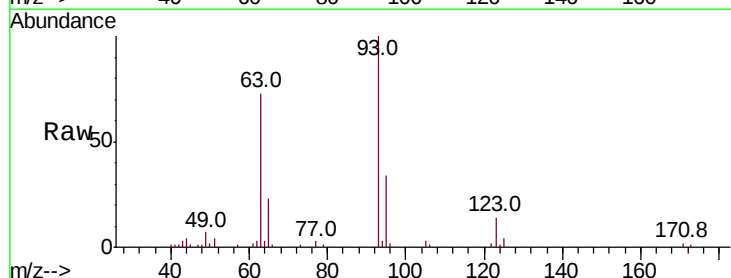
Instrument :
 BNA_G
 ClientSampleId :

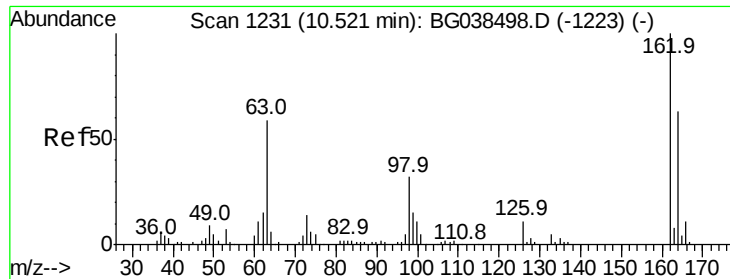
Tot Ion:122 Resp: 49815
 Ion Ratio Lower Upper
 122 100
 107 128.4 98.4 147.6
 121 59.3 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 29.918 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Tgt Ion: 93 Resp: 56029
 Ion Ratio Lower Upper
 93 100
 95 34.2 26.6 40.0
 123 13.5 10.6 16.0

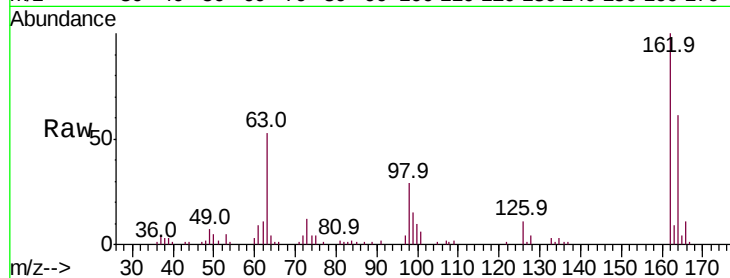




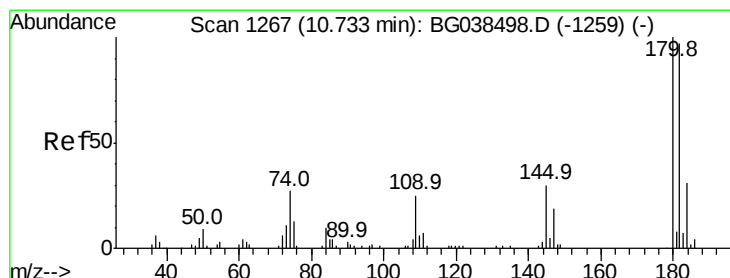
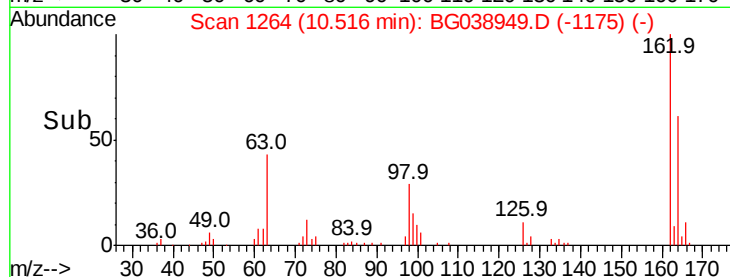
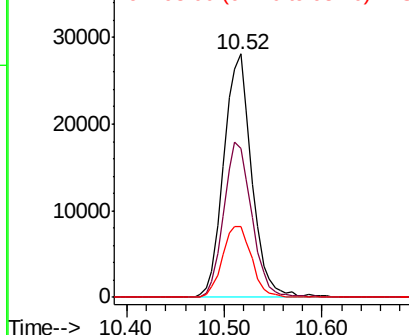
#29
 2,4-Dichlorophenol
 Concen: 36.643 ng
 RT: 10.52 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	60.9	42.9	82.9
98	28.9	12.1	52.1

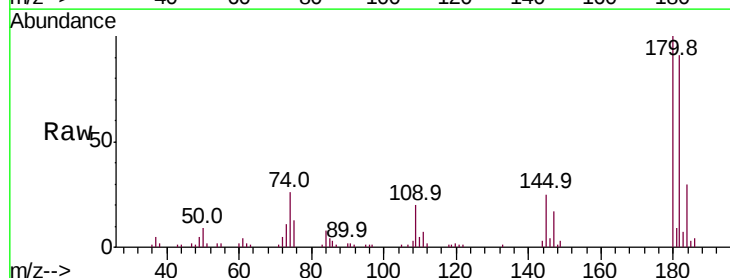


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

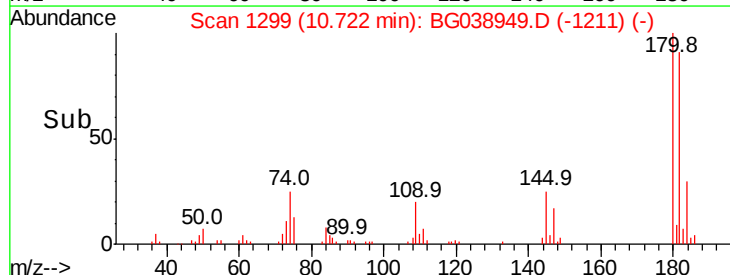
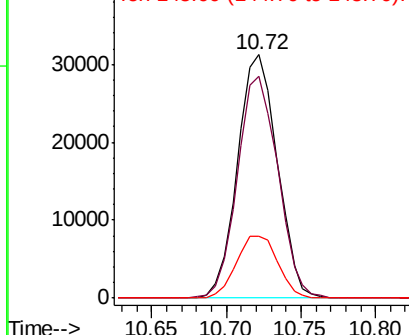


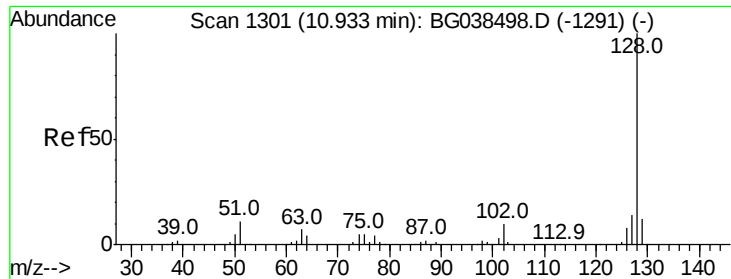
#30
 1,2,4-Trichlorobenzene
 Concen: 31.325 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.1	77.4	116.0
145	25.5	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

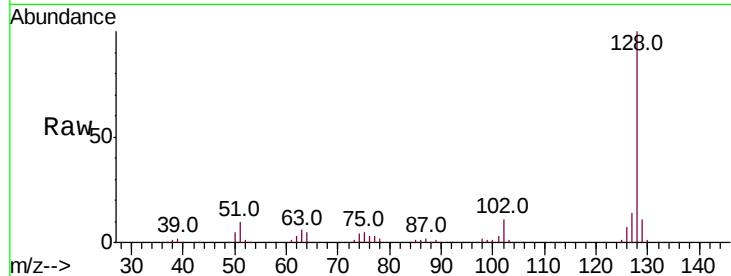




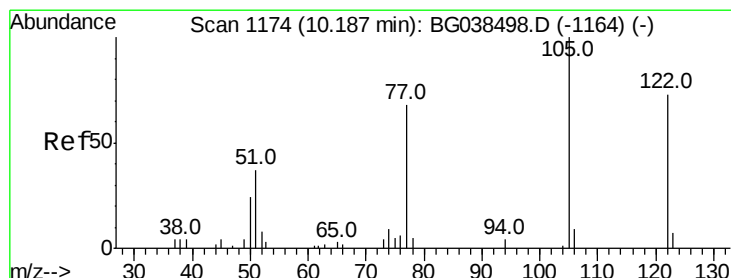
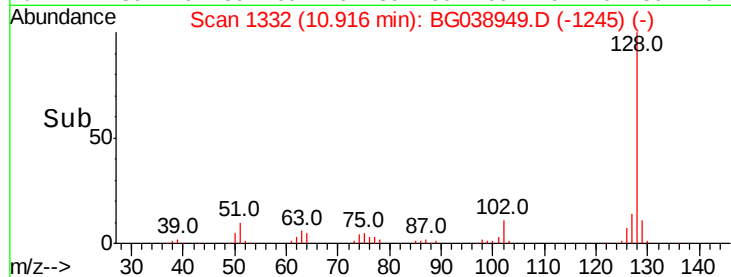
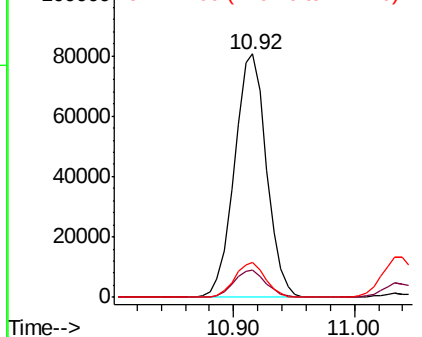
#31
Naphthalene
Concen: 31.916 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 148383
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 14.4 10.9 16.3

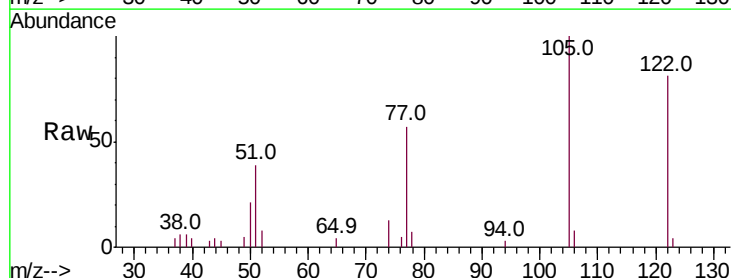


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

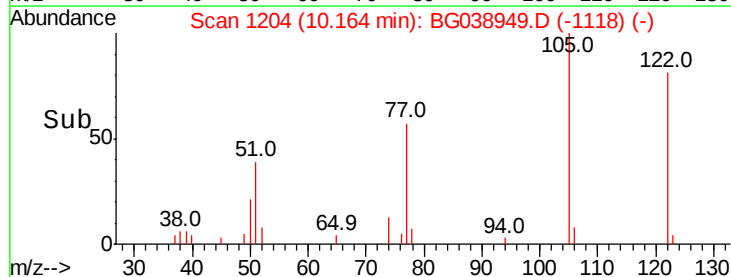
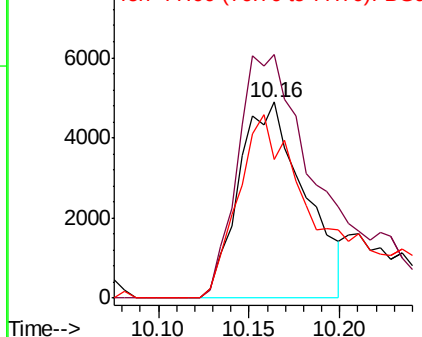


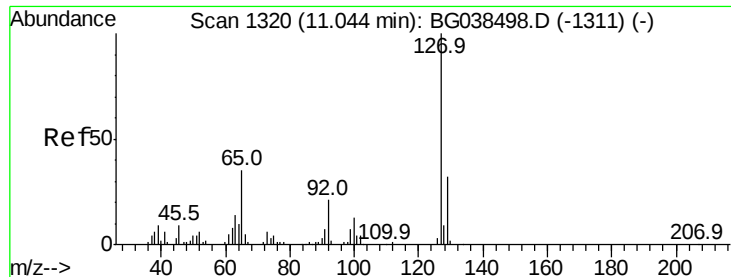
#32
Benzoic acid
Concen: 21.345 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.02 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Tgt Ion:122 Resp: 12348
Ion Ratio Lower Upper
122 100
105 124.1 116.7 156.7
77 70.9 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): BGO

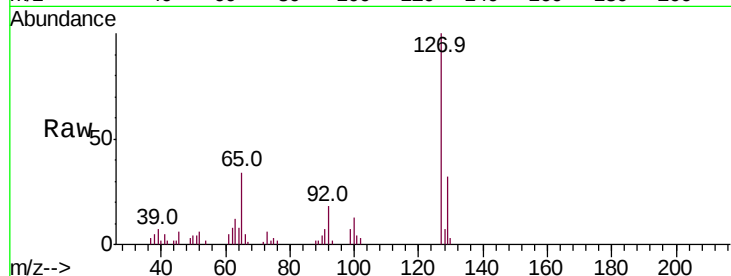




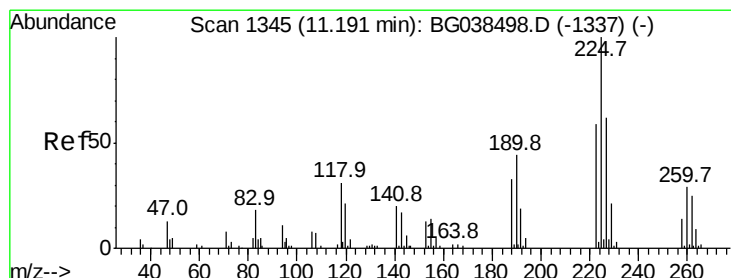
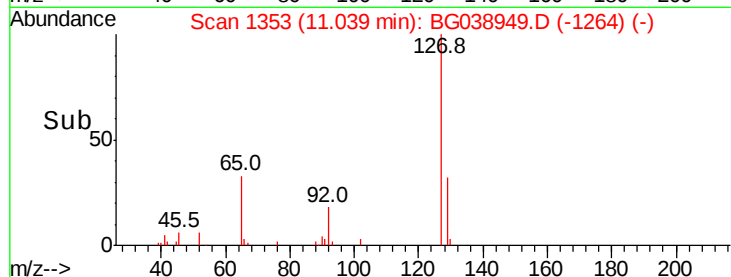
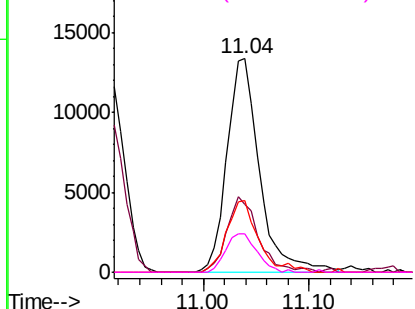
#33
4-Chloroaniline
Concen: 14.156 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127 Resp: 28574
Ion Ratio Lower Upper
127 100
129 31.6 25.8 38.8
65 33.6 27.8 41.6
92 18.1 17.0 25.6

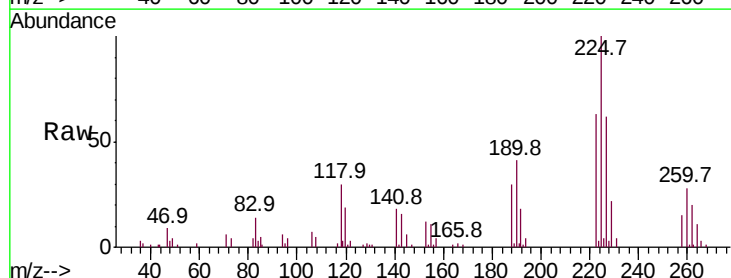


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

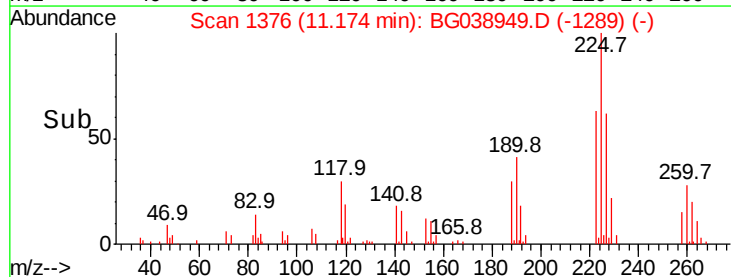
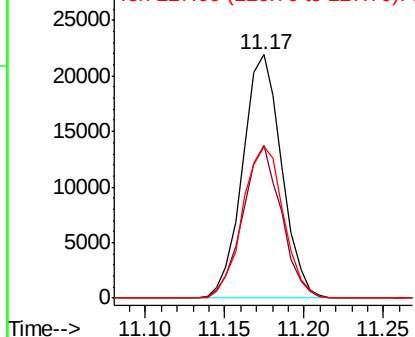


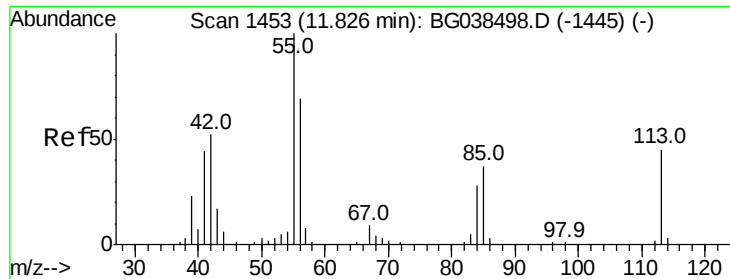
#34
Hexachlorobutadiene
Concen: 30.018 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Tgt Ion:225 Resp: 37409
Ion Ratio Lower Upper
225 100
223 62.6 45.0 67.6
227 62.5 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: 29.852 ng

RT: 11.81 min Scan# 1484

Delta R.T. -0.02 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

Instrument :

BNA_G

ClientSampled :

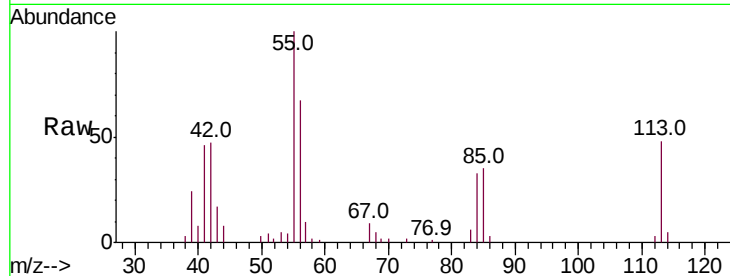
Tot Ion:113 Resp: 18837

Ion Ratio Lower Upper

113 100

55 207.2 204.3 244.3

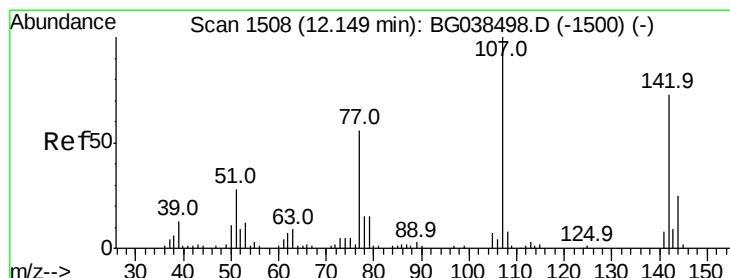
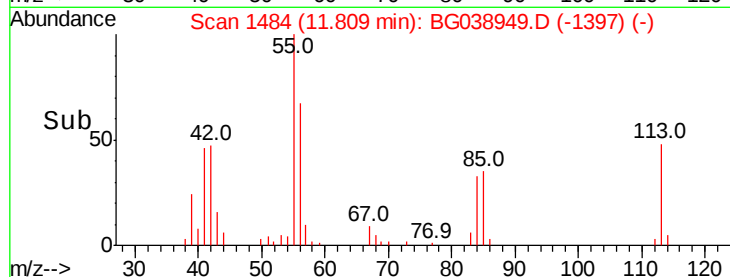
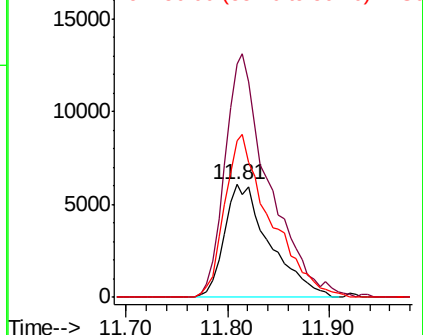
56 139.5 135.0 175.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 32.419 ng

RT: 12.15 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

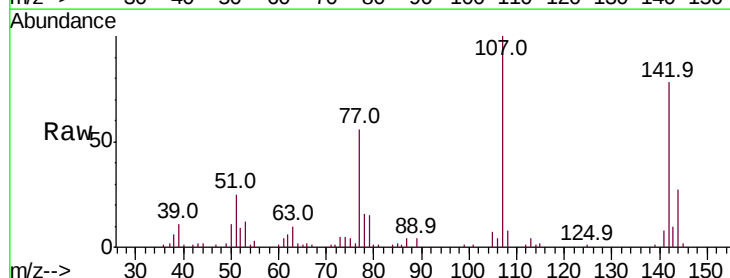
Tgt Ion:107 Resp: 56409

Ion Ratio Lower Upper

107 100

144 27.2 20.1 30.1

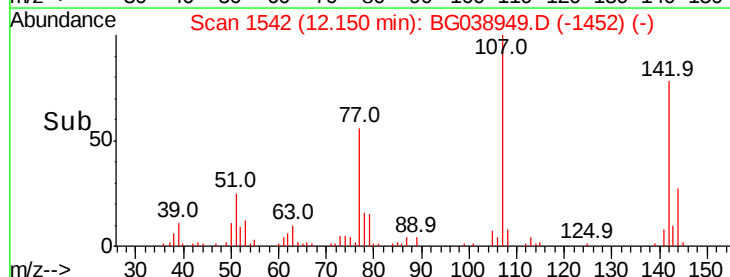
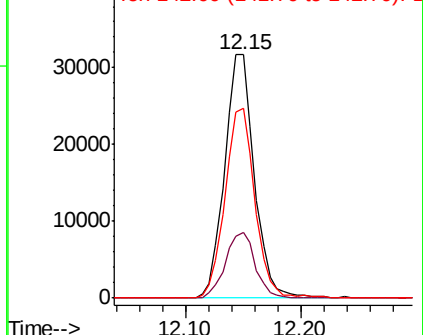
142 78.0 58.7 88.1

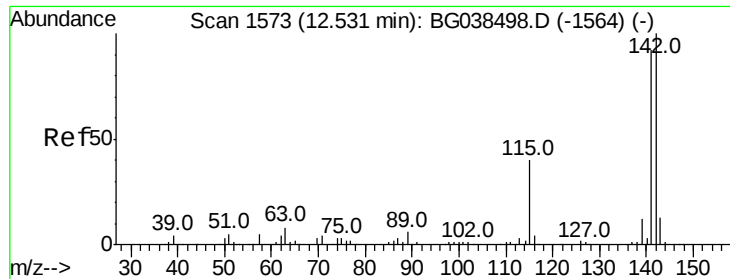


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 34.201 ng

RT: 12.51 min Scan# 1604

Delta R.T. -0.02 min

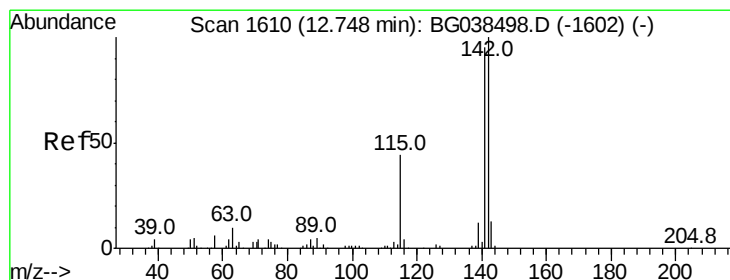
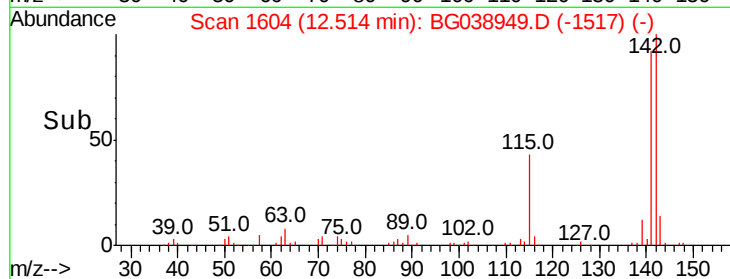
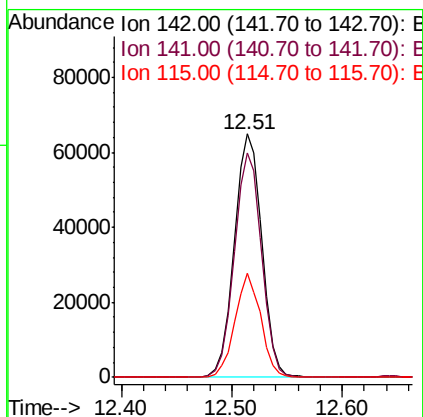
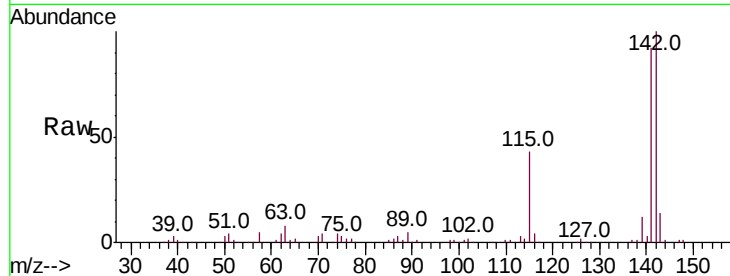
Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 113437

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.5	110.3
115	42.5	31.7	47.5



#38

1-Methylnaphthalene

Concen: 34.229 ng

RT: 12.73 min Scan# 1641

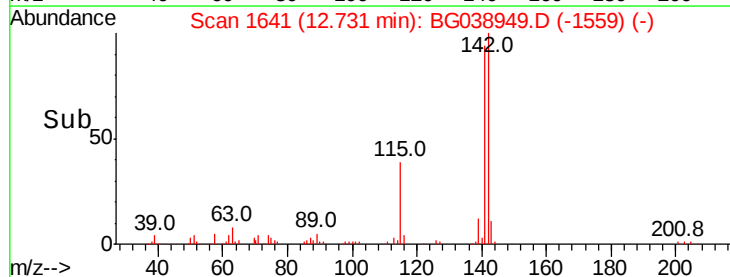
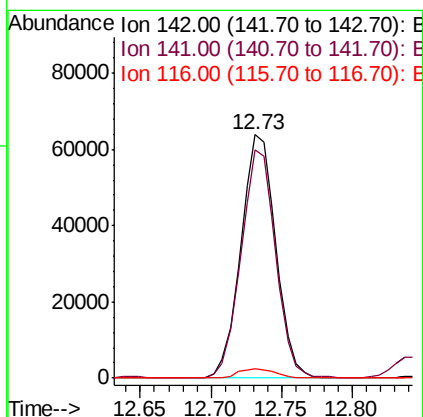
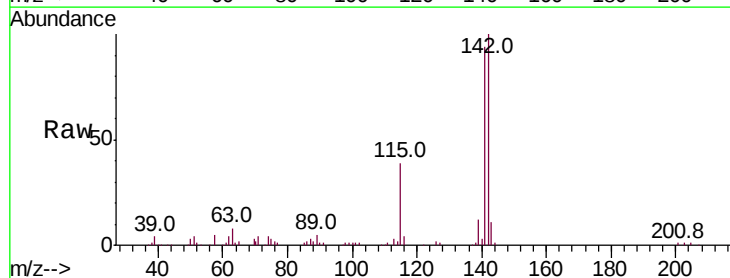
Delta R.T. -0.02 min

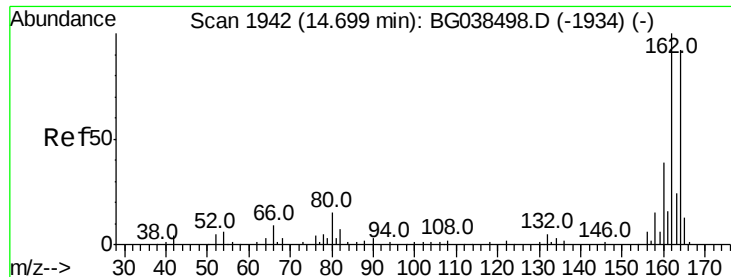
Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

Tgt Ion:142 Resp: 110166

Ion	Ratio	Lower	Upper
142	100		
141	93.8	75.8	113.8
116	3.7	3.6	5.4

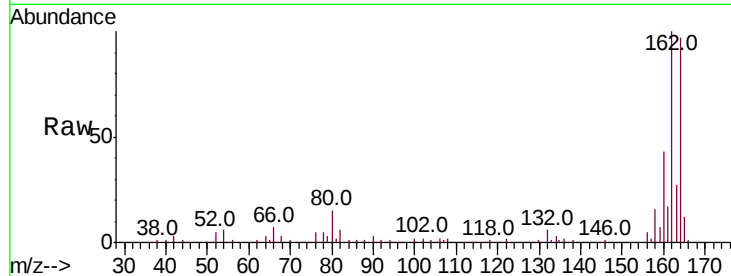




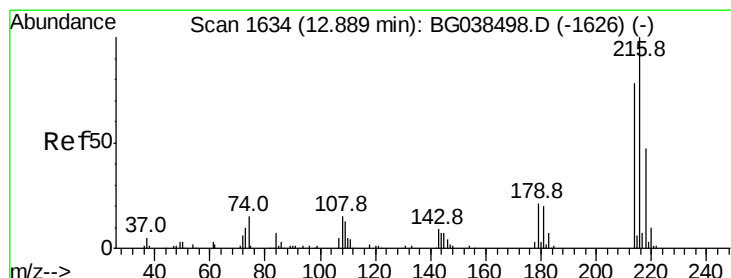
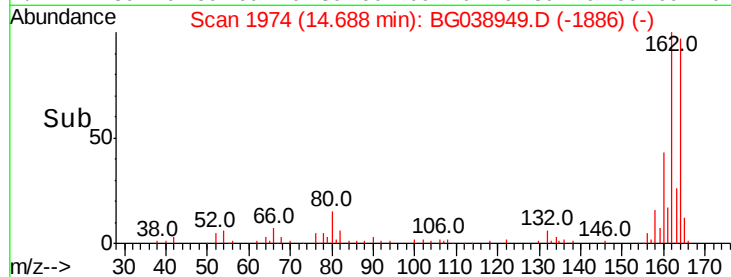
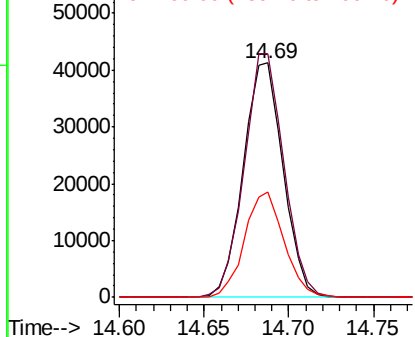
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:164 Resp: 67736
 Ion Ratio Lower Upper
 164 100
 162 103.6 86.6 130.0
 160 44.9 34.2 51.2

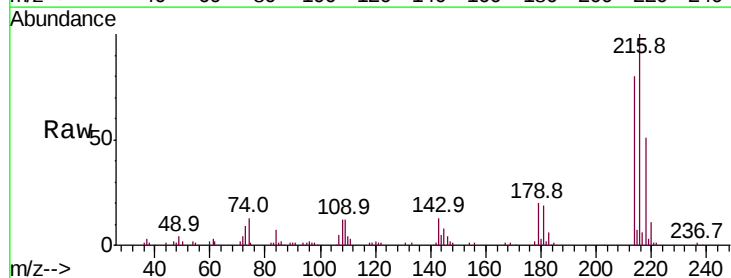


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

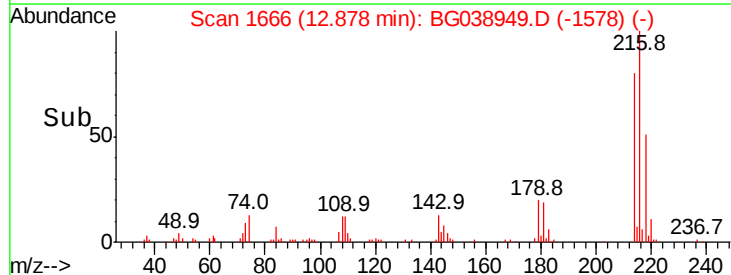
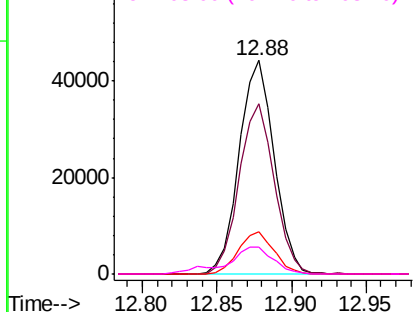


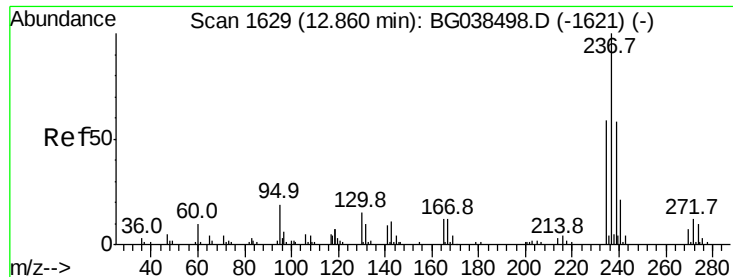
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 28.381 ng
 RT: 12.88 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Tgt Ion:216 Resp: 71859
 Ion Ratio Lower Upper
 216 100
 214 80.0 64.1 96.1
 179 19.8 16.4 24.6
 108 16.6 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

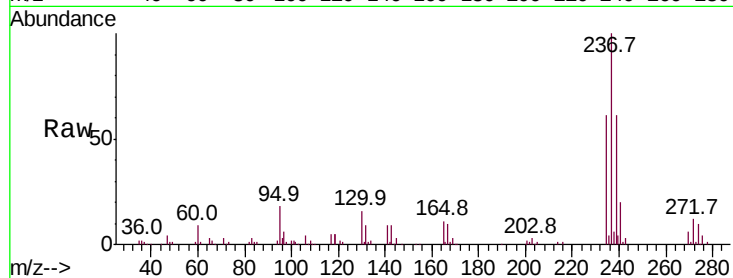




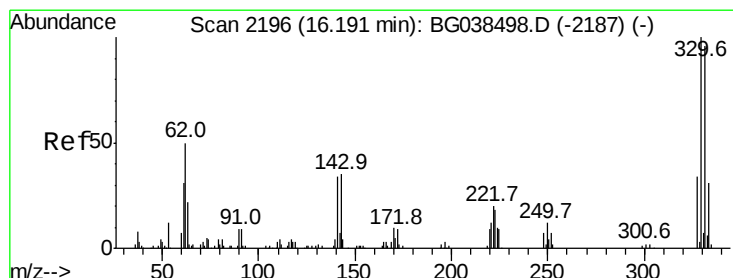
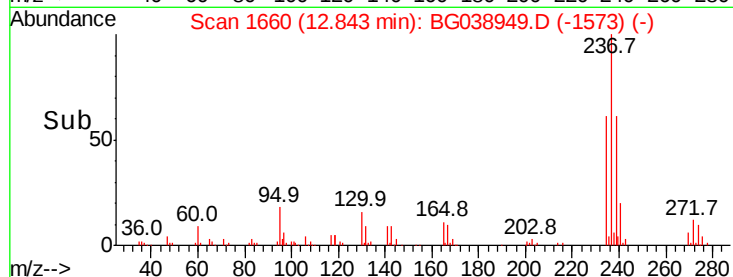
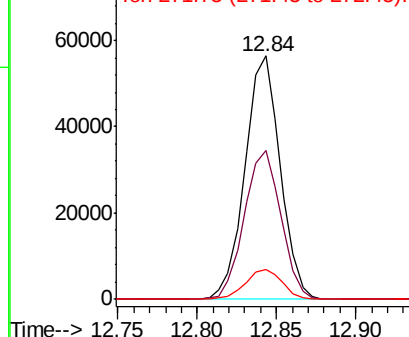
#41
Hexachlorocyclopentadiene
Concen: 62.588 ng
RT: 12.84 min Scan# 1660
Delta R.T. -0.02 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 87062
Ion Ratio Lower Upper
237 100
235 61.2 38.8 78.8
272 12.3 0.0 32.0

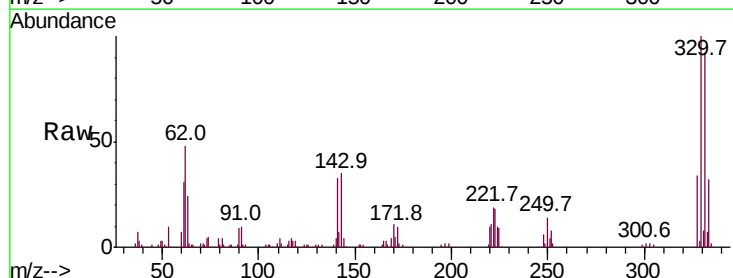


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

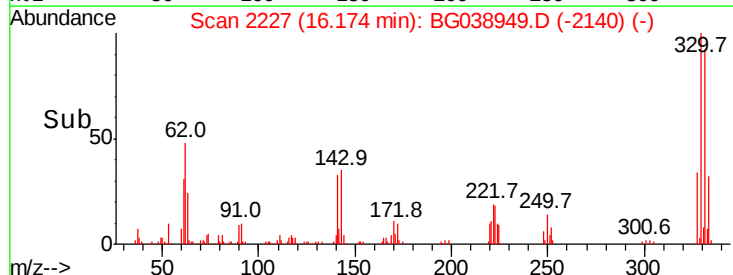
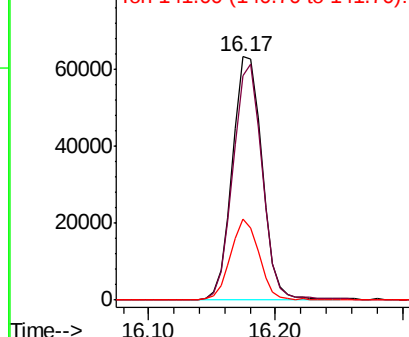


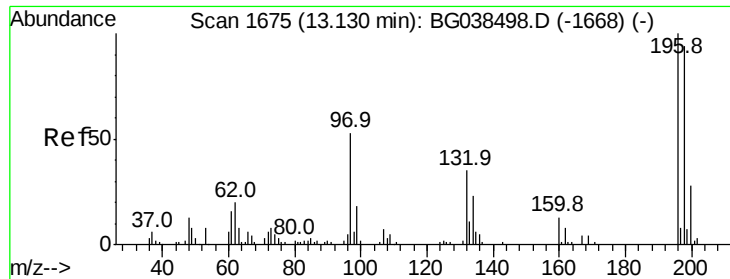
#42
2,4,6-Tribromophenol
Concen: 110.236 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Tgt Ion:330 Resp: 102908
Ion Ratio Lower Upper
330 100
332 95.1 76.9 115.3
141 31.6 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

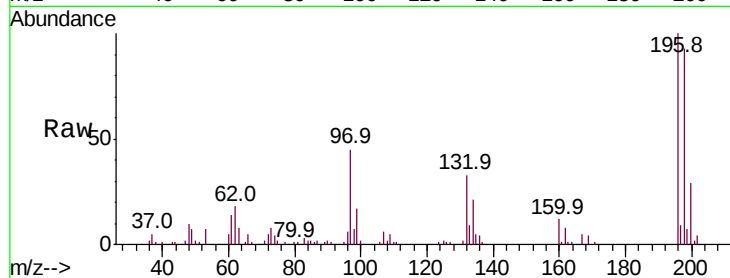




#43
 2,4,6-Trichlorophenol
 Concen: 33.339 ng
 RT: 13.13 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.1	75.0	112.4
200	29.4	22.4	33.6

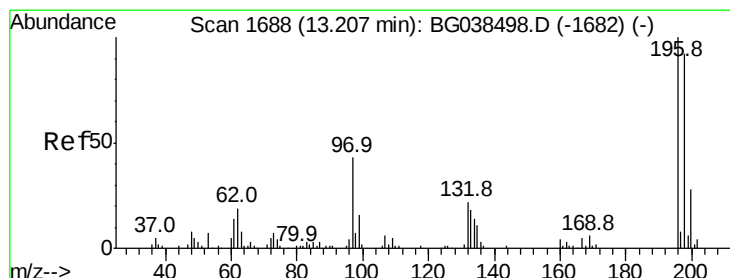
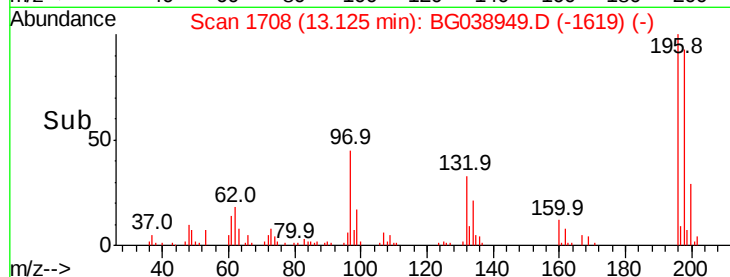
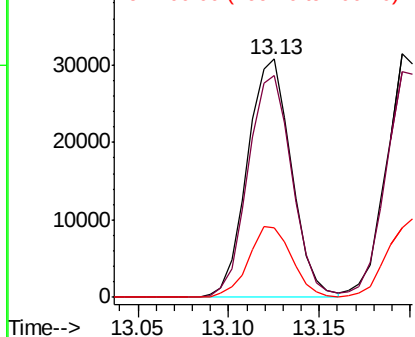


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 34.073 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.8	74.0	111.0
97	38.0	35.1	52.7
132	19.9	18.0	27.0

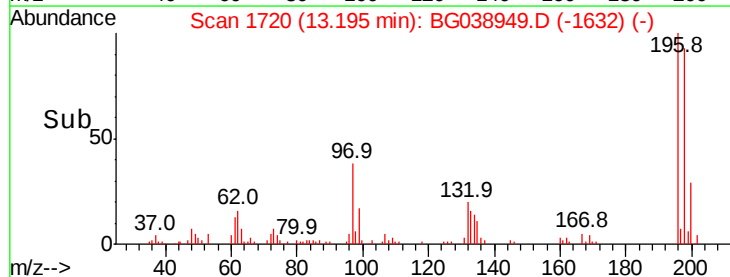
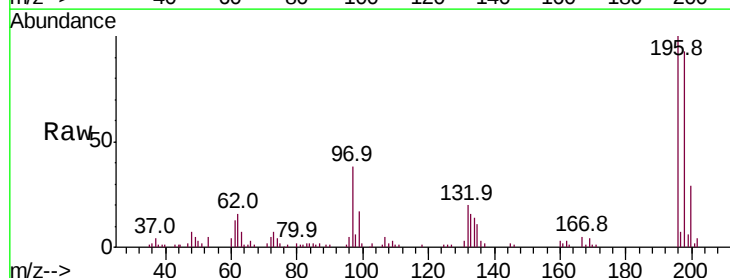
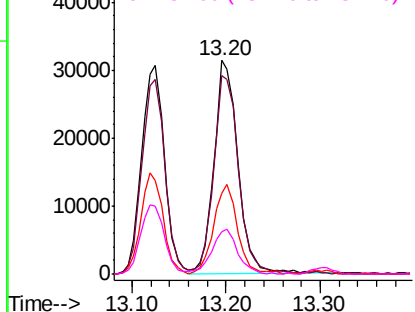
Abundance

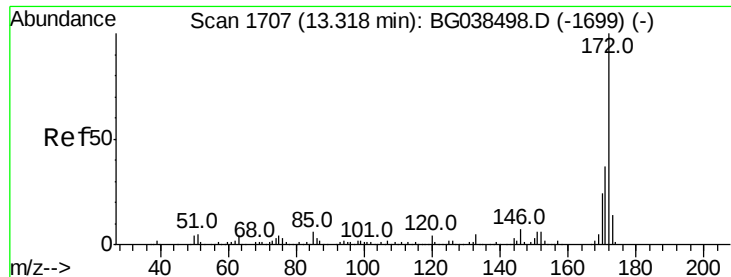
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

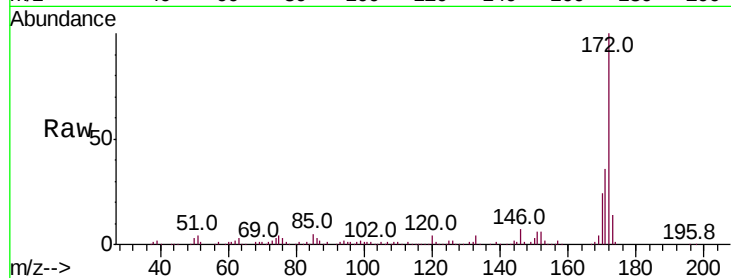




#45
2-Fluorobiphenyl
Concen: 58.534 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.8	44.6
170	23.9	19.5	29.3

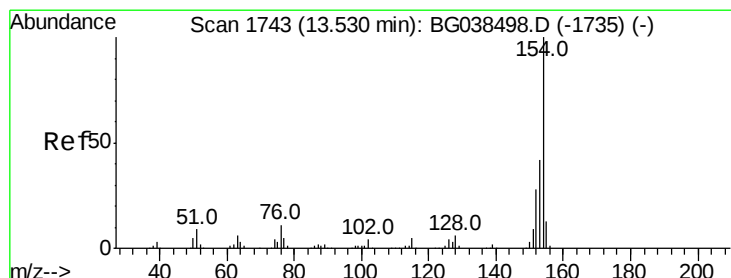
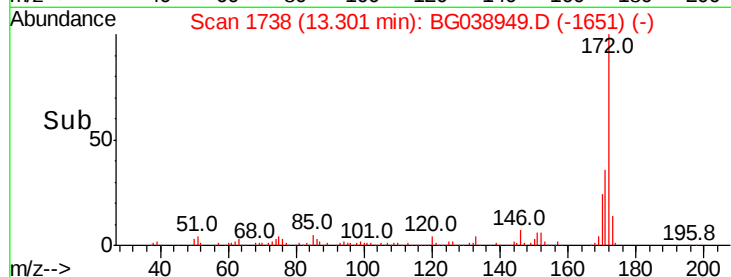
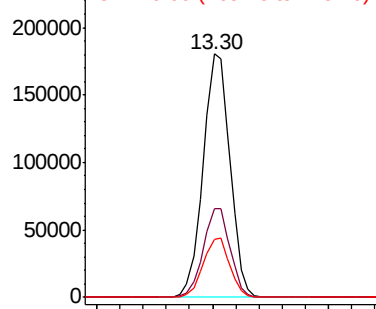


Abundance

Ion 172.00 (171.70 to 172.70): E

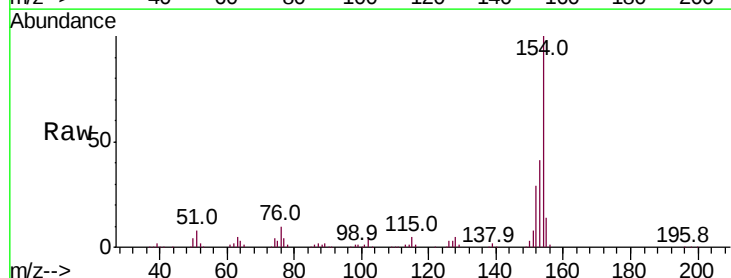
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 27.523 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	22.1	62.1
76	9.8	0.0	31.2

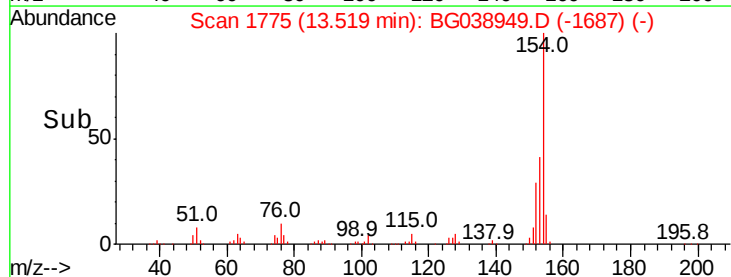
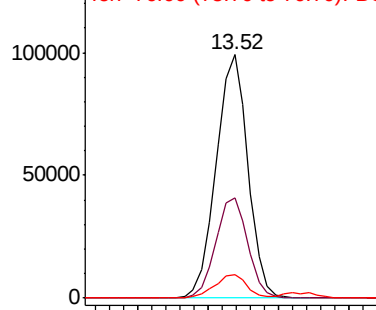


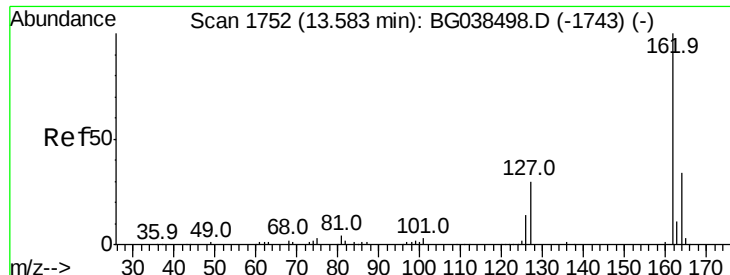
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

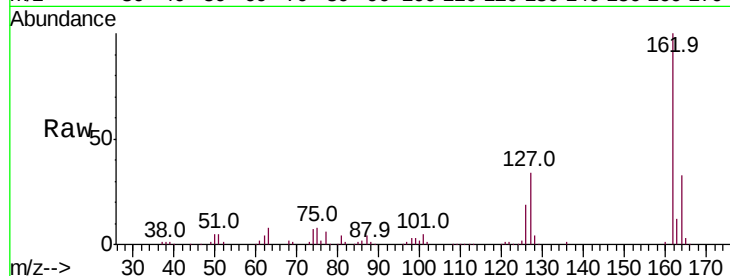




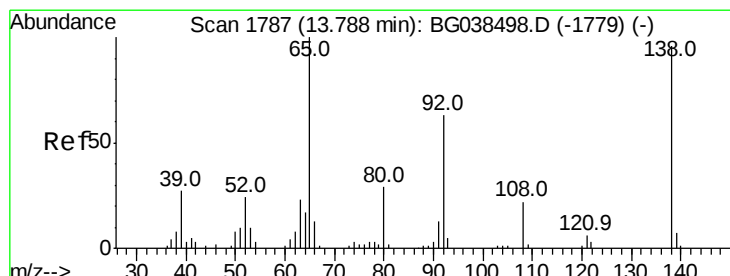
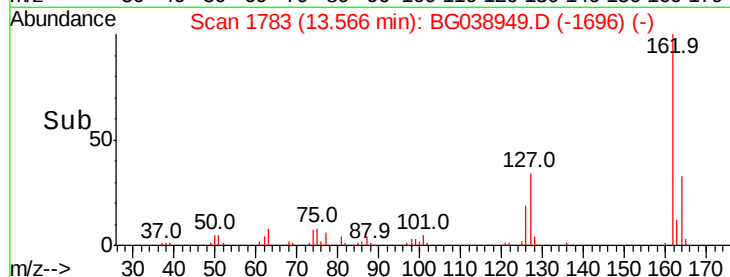
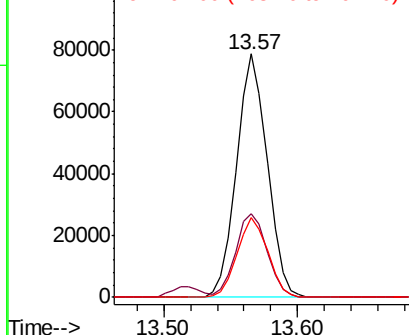
#47
 2-Chloronaphthalene
 Concen: 28.565 ng
 RT: 13.57 min Scan# 1783
 Delta R.T. -0.02 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	34.4	27.8	41.8
164	33.0	26.9	40.3

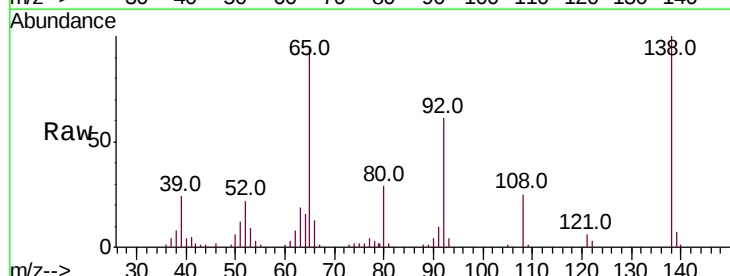


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

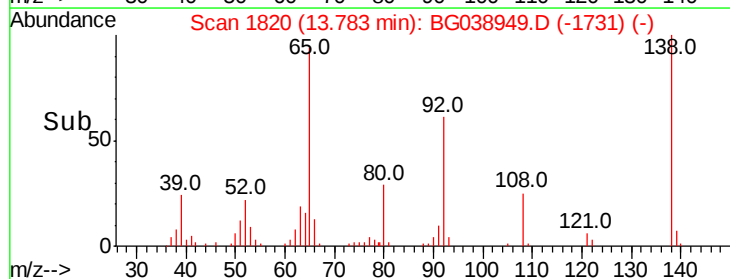
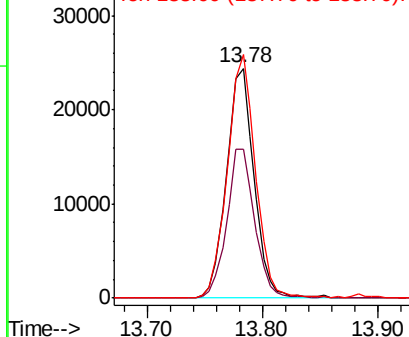


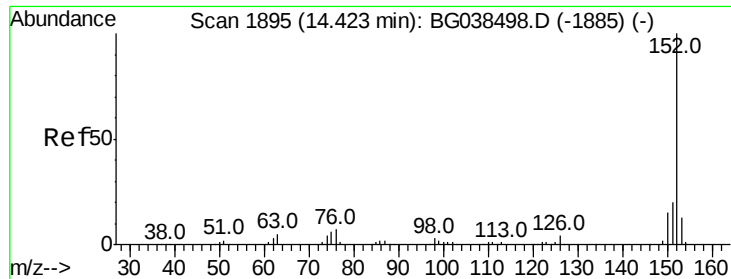
#48
 2-Nitroaniline
 Concen: 28.991 ng
 RT: 13.78 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.7	50.0	75.0
138	105.8	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: 32.005 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

Instrument :

BNA_G

ClientSampleId :

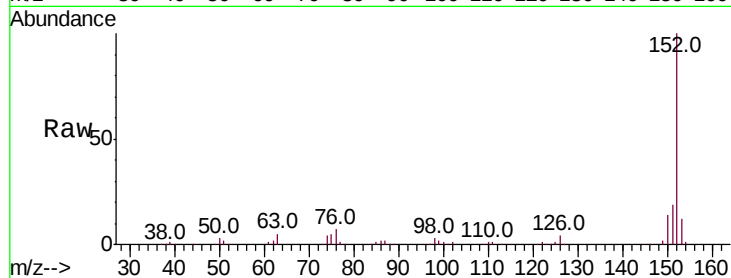
Tot Ion:152 Resp: 209871

Ion Ratio Lower Upper

152 100

151 19.3 16.4 24.6

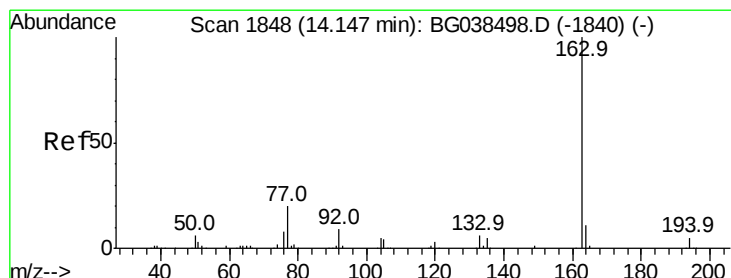
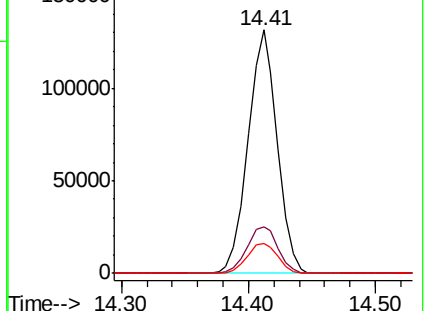
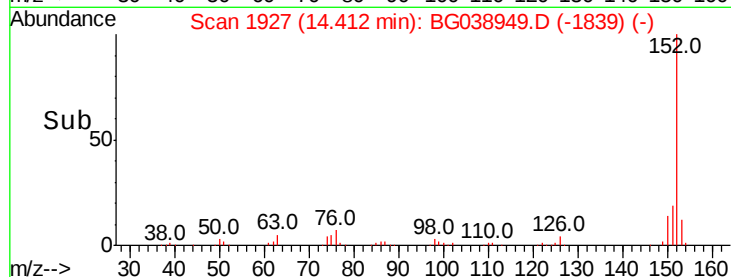
153 12.4 10.4 15.6



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: 30.588 ng

RT: 14.14 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

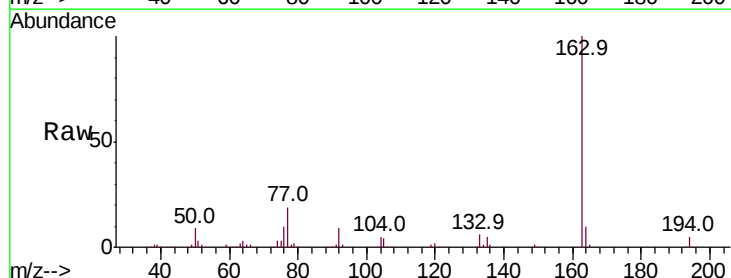
Tgt Ion:163 Resp: 169199

Ion Ratio Lower Upper

163 100

194 4.6 3.7 5.5

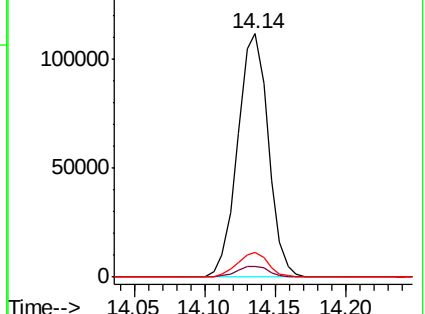
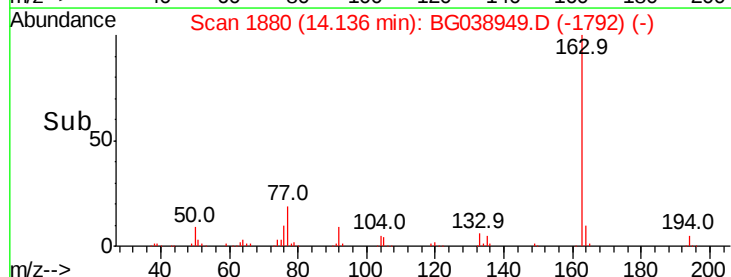
164 10.0 8.6 12.8

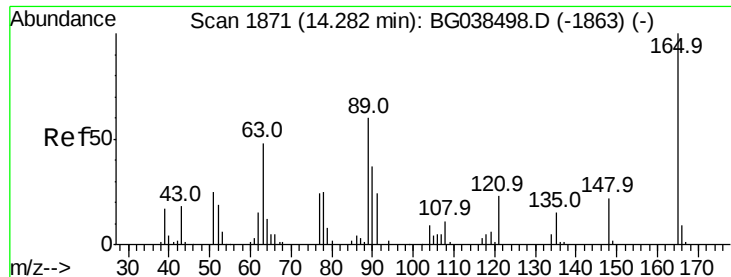


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

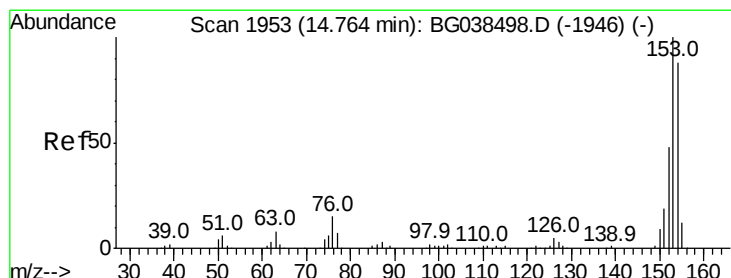
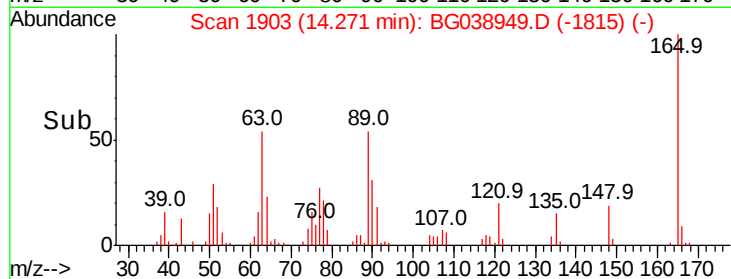
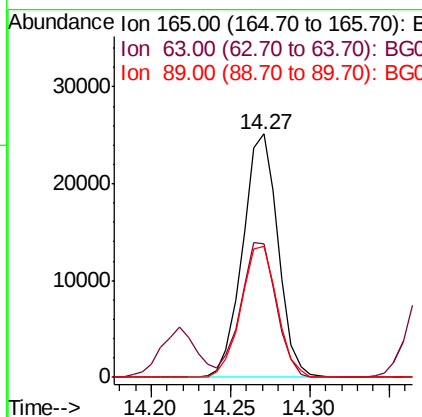
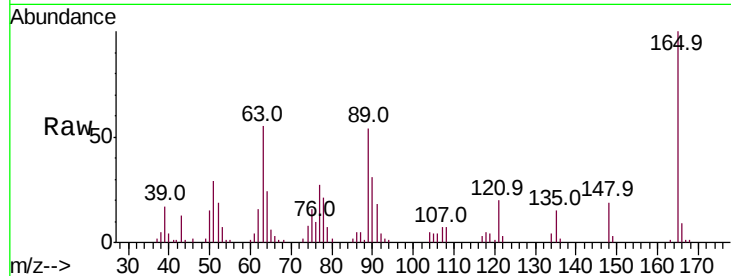




#51
 2,6-Dinitrotoluene
 Concen: 30.926 ng
 RT: 14.27 min Scan# 1903
 Delta R.T. -0.01 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

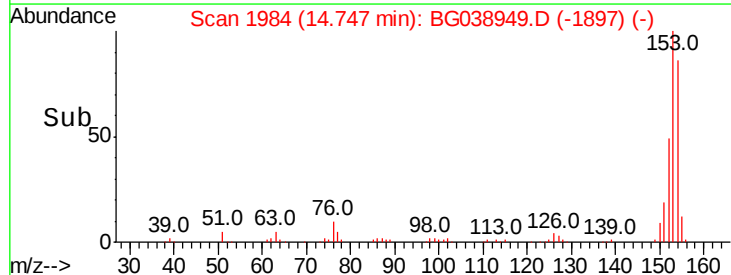
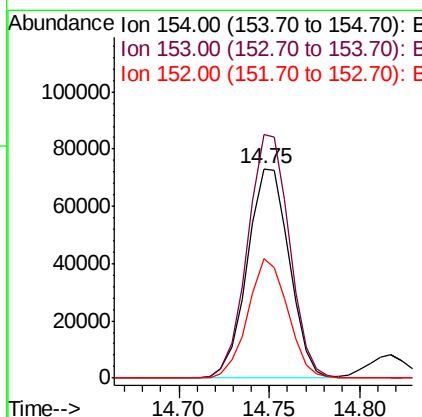
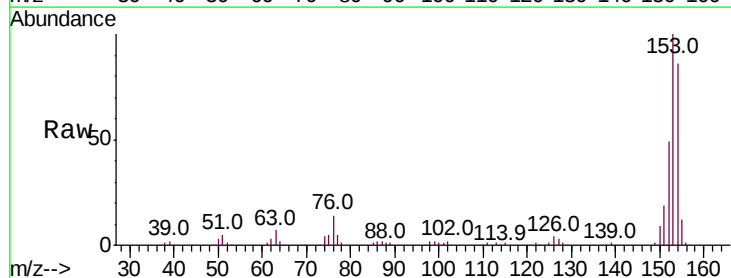
Instrument :
 BNA_G
 ClientSampled :

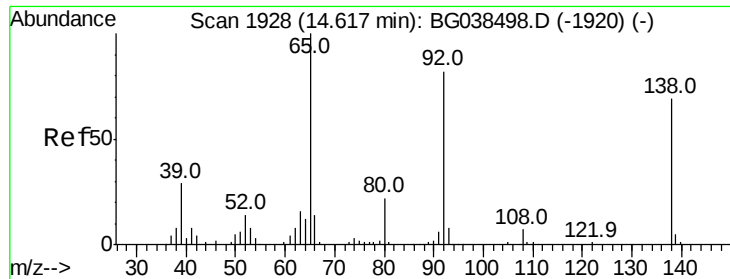
Tot Ion:165 Resp: 38767
 Ion Ratio Lower Upper
 165 100
 63 54.9 51.8 77.6
 89 53.9 47.9 71.9



#52
 Acenaphthene
 Concen: 30.062 ng
 RT: 14.75 min Scan# 1984
 Delta R.T. -0.02 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Tgt Ion:154 Resp: 117877
 Ion Ratio Lower Upper
 154 100
 153 116.1 90.6 136.0
 152 57.1 43.5 65.3





#53

3-Nitroaniline

Concen: 17.532 ng

RT: 14.61 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

Instrument :

BNA_G

ClientSampleId :

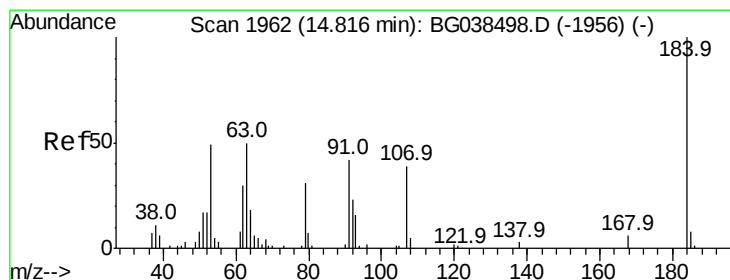
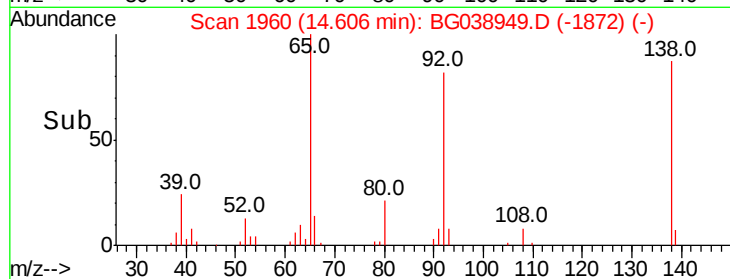
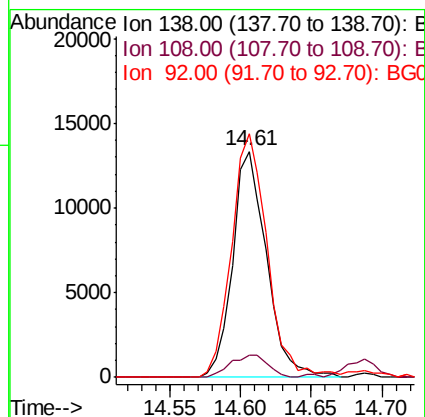
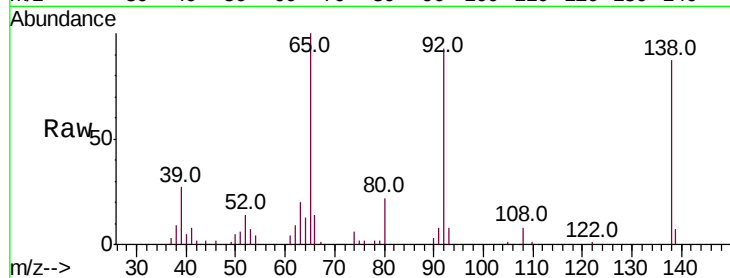
Tot Ion:138 Resp: 22403

Ion Ratio Lower Upper

138 100

108 9.8 7.9 11.9

92 107.6 95.3 142.9



#54

2,4-Dinitrophenol

Concen: 34.282 ng

RT: 14.82 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

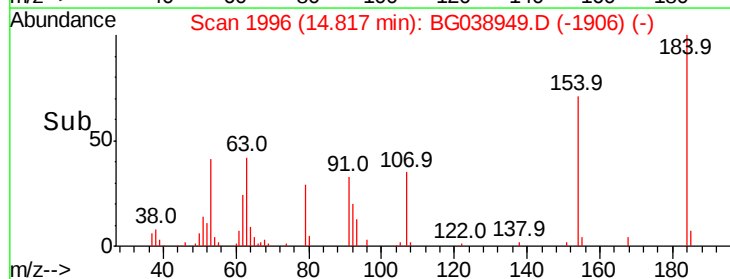
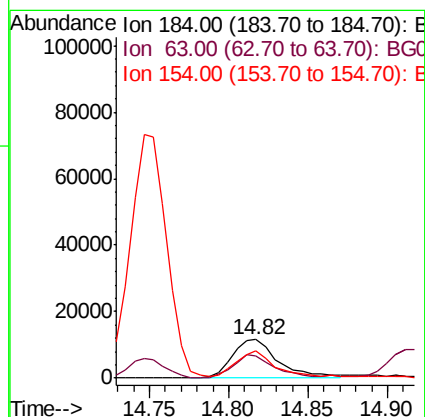
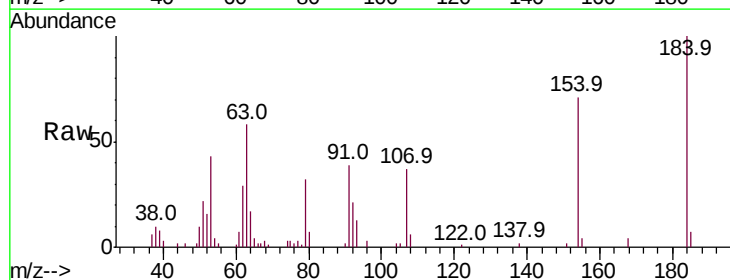
Tgt Ion:184 Resp: 23208

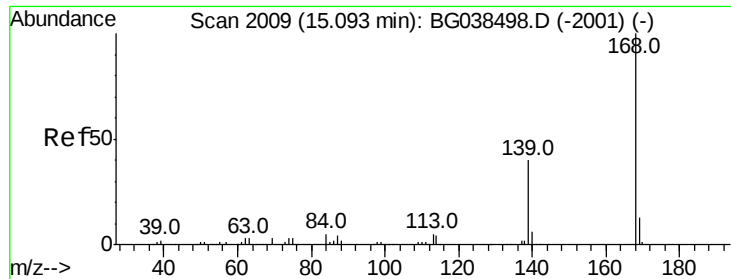
Ion Ratio Lower Upper

184 100

63 58.0 47.0 70.6

154 71.4 50.3 75.5

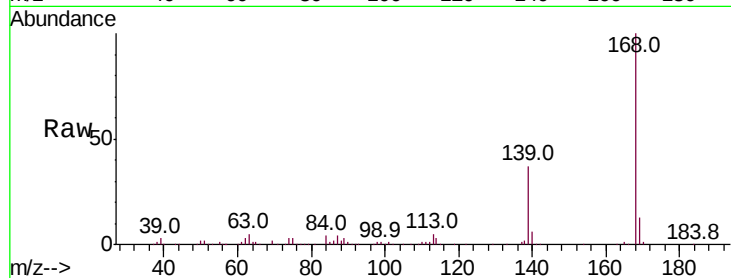




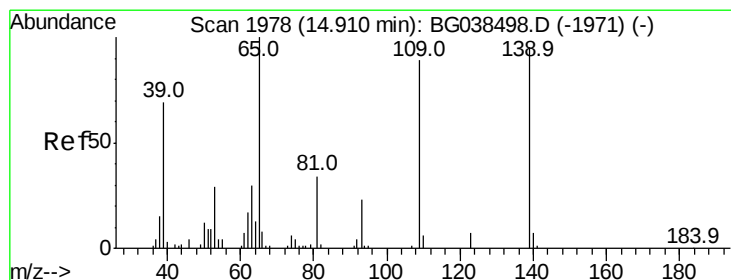
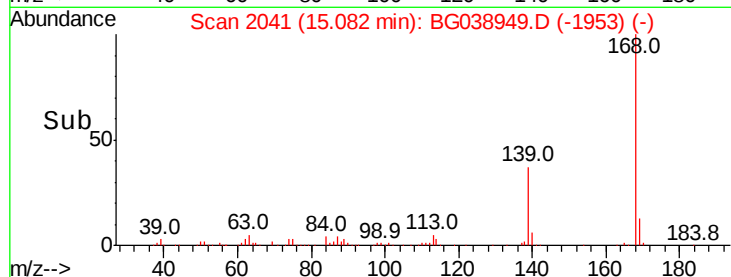
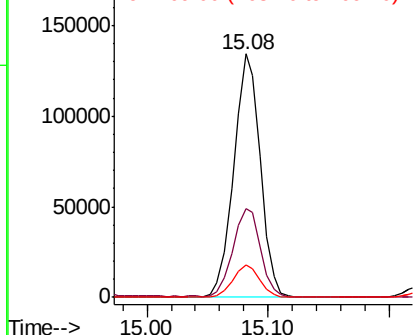
#55
Dibenzofuran
Concen: 30.459 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 204727
Ion Ratio Lower Upper
168 100
139 36.5 32.2 48.2
169 13.1 10.6 16.0

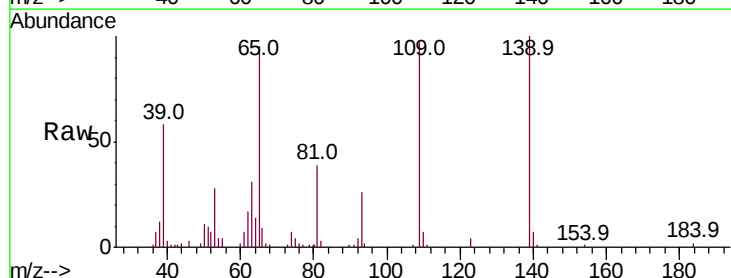


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

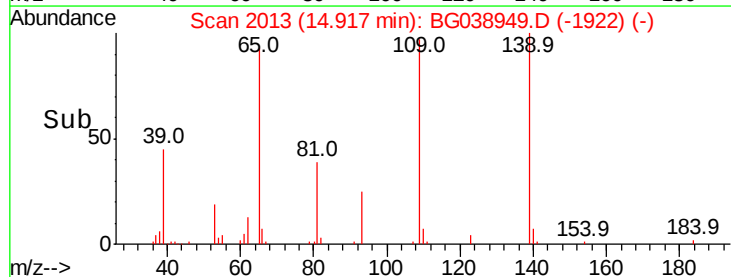
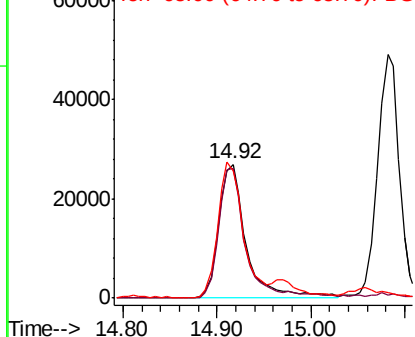


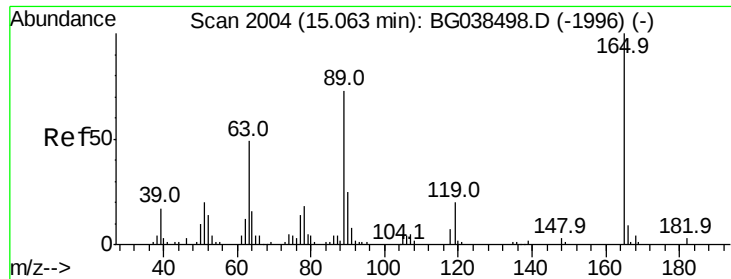
#56
4-Nitrophenol
Concen: 57.242 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Tgt Ion:139 Resp: 55490
Ion Ratio Lower Upper
139 100
109 96.8 73.6 113.6
65 94.8 84.8 124.8



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

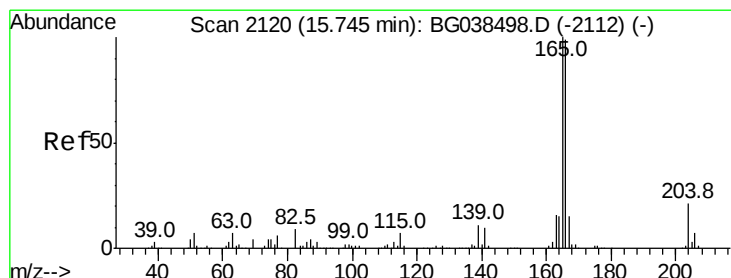
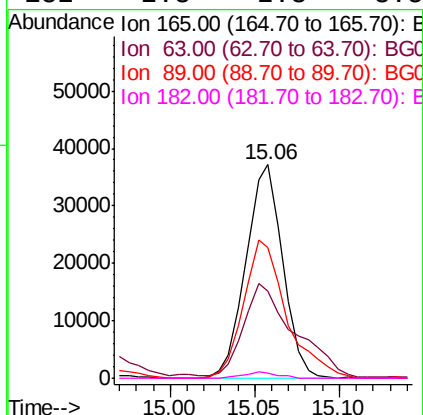
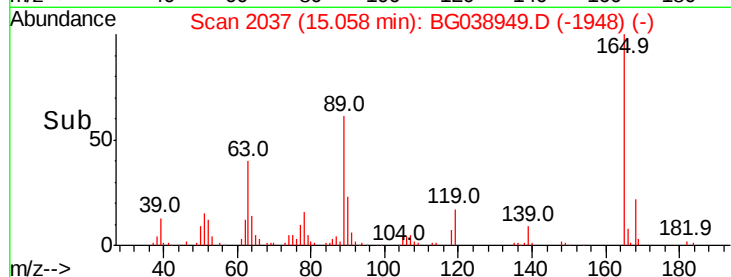
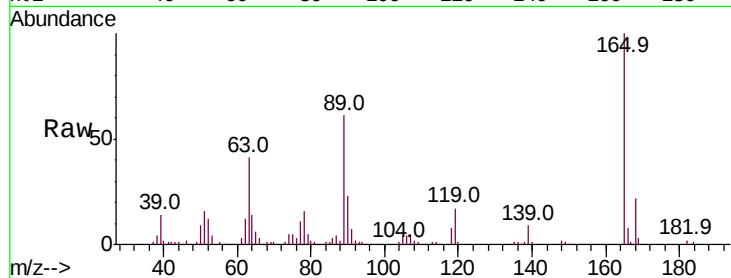




#57
 2,4-Dinitrotoluene
 Concen: 31.832 ng
 RT: 15.06 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

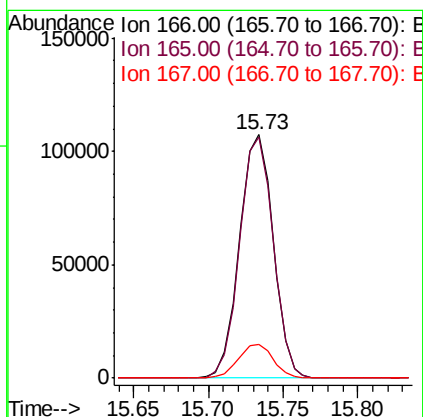
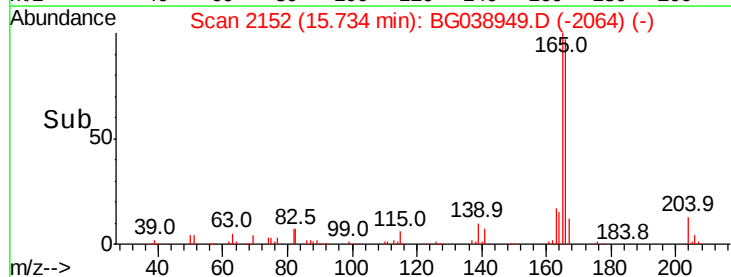
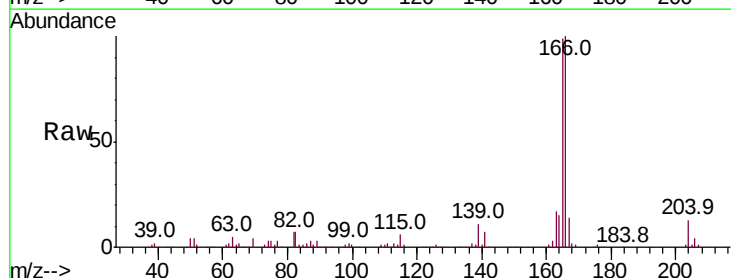
Instrument :
 BNA_G
 ClientSampled :

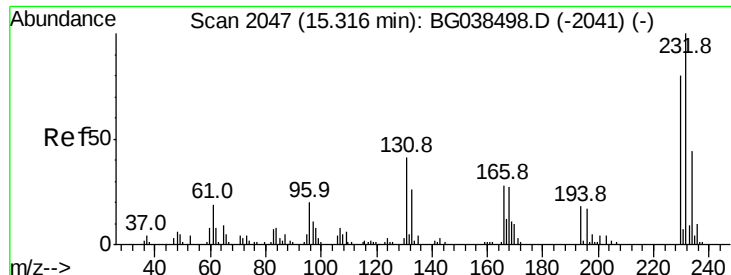
Tot Ion:165 Resp: 56202
 Ion Ratio Lower Upper
 165 100
 63 40.7 39.0 58.4
 89 61.1 58.0 87.0
 182 2.3 2.3 3.5



#58
 Fluorene
 Concen: 33.770 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.01 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Tgt Ion:166 Resp: 168164
 Ion Ratio Lower Upper
 166 100
 165 99.2 80.6 120.8
 167 13.6 12.0 18.0

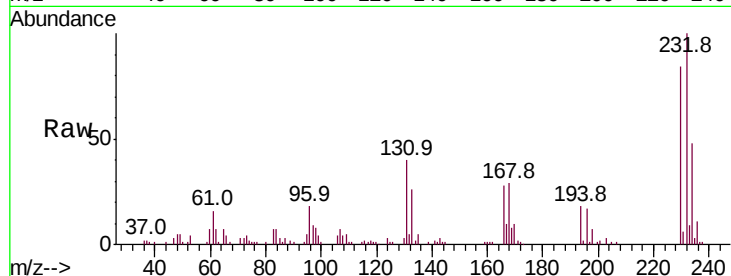




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 34.796 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.5	33.0	49.4
130	2.4	2.0	3.0
166	28.3	23.1	34.7



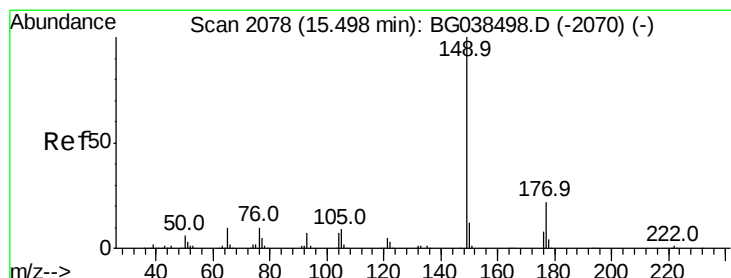
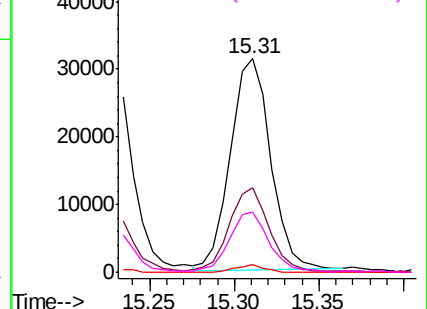
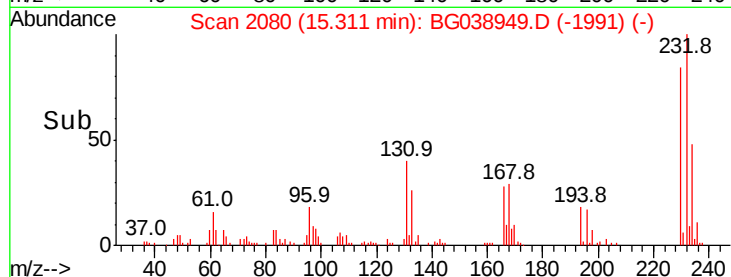
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

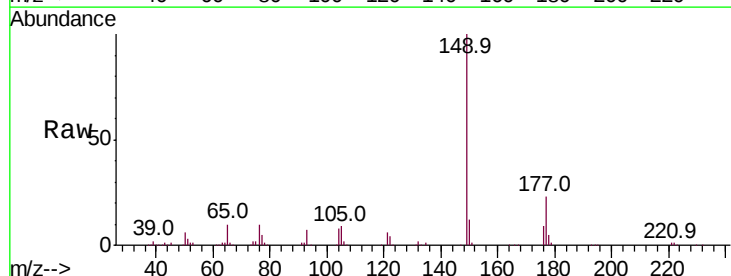
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 29.400 ng
 RT: 15.49 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	17.7	26.5
150	12.2	9.9	14.9

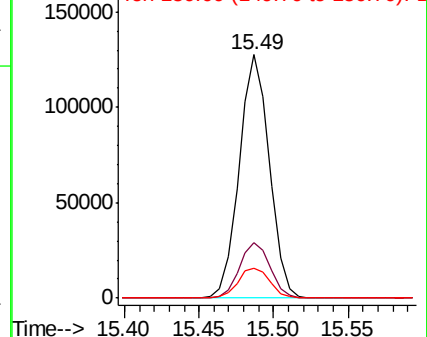
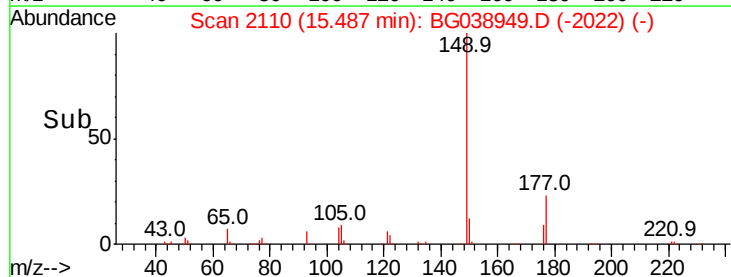


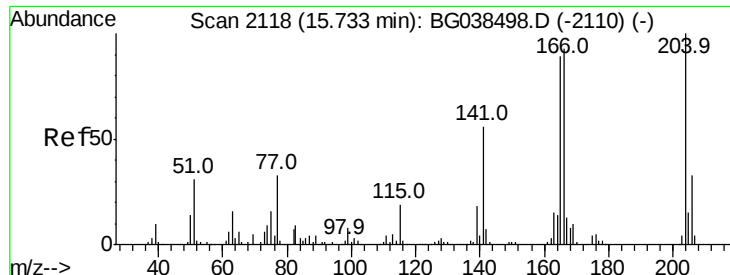
Abundance

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

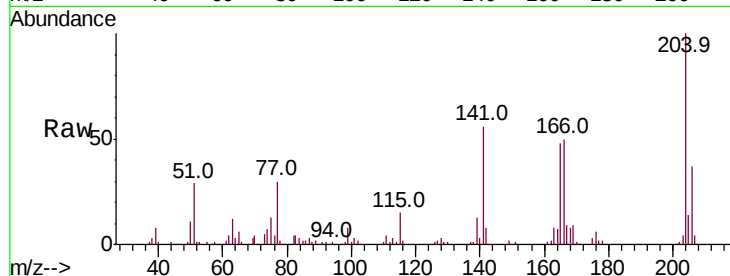




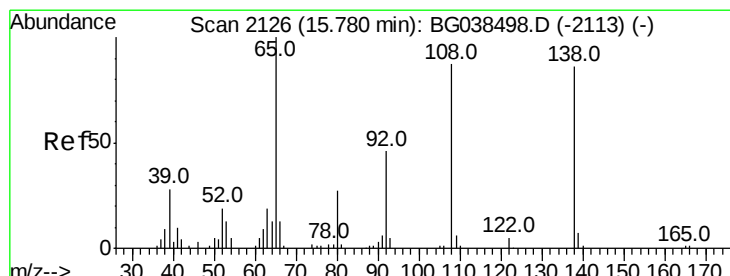
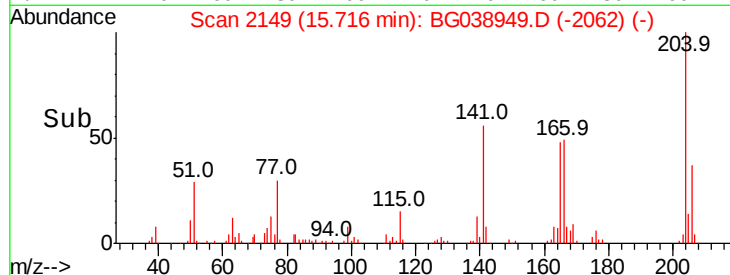
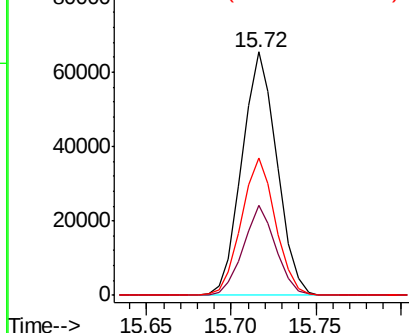
#61
 4-Chlorophenyl-phenylether
 Concen: 30.269 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. -0.02 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:204 Resp: 94046
 Ion Ratio Lower Upper
 204 100
 206 36.8 26.0 39.0
 141 56.3 44.4 66.6

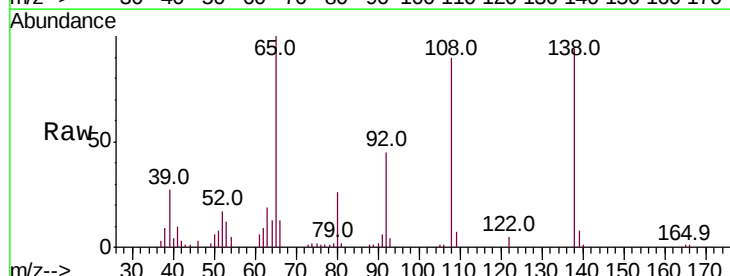


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

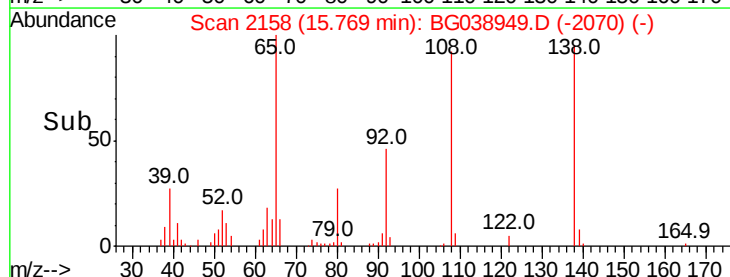
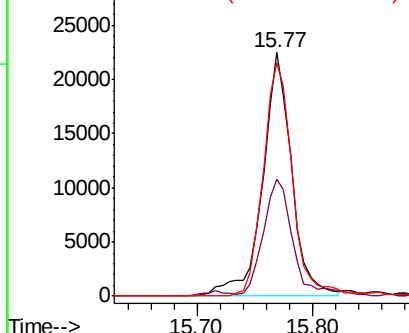


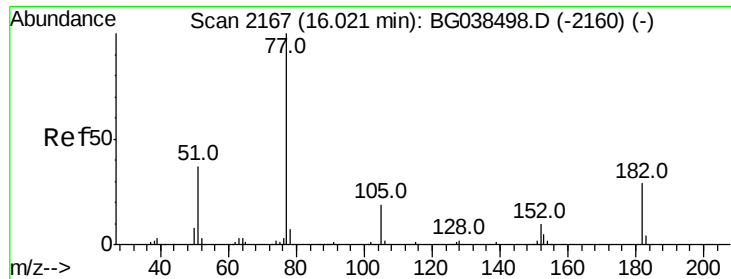
#62
 4-Nitroaniline
 Concen: 29.991 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Tgt Ion:138 Resp: 39455
 Ion Ratio Lower Upper
 138 100
 92 47.9 33.3 73.3
 108 96.1 81.4 121.4



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





#63

Azobenzene

Concen: 28.209 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 143102

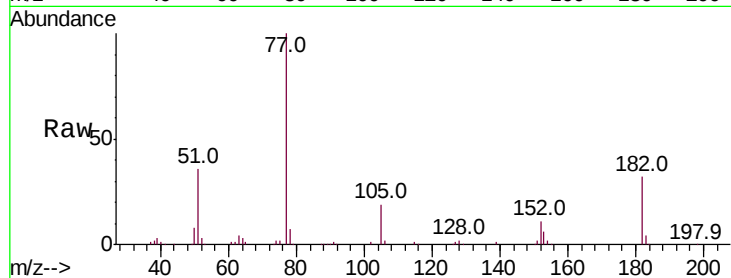
Ion Ratio Lower Upper

77 100

182 32.3 8.7 48.7

105 19.0 0.0 38.7

51 36.4 16.6 56.6

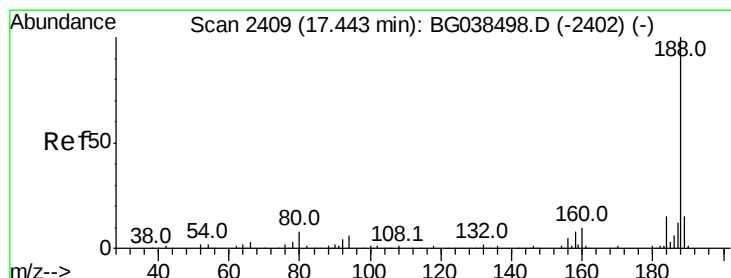
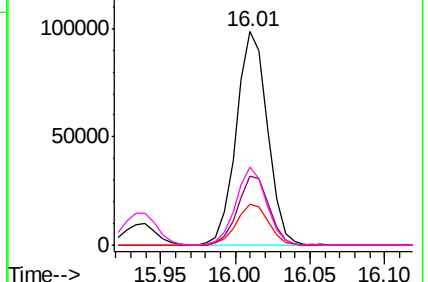
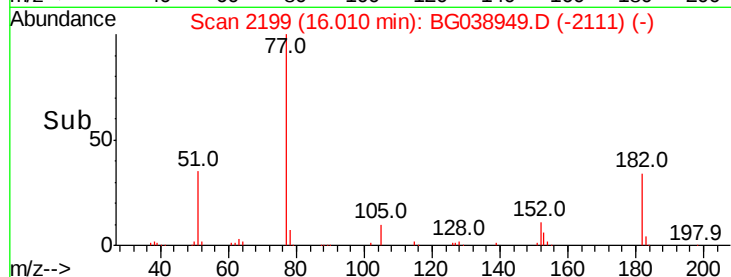


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

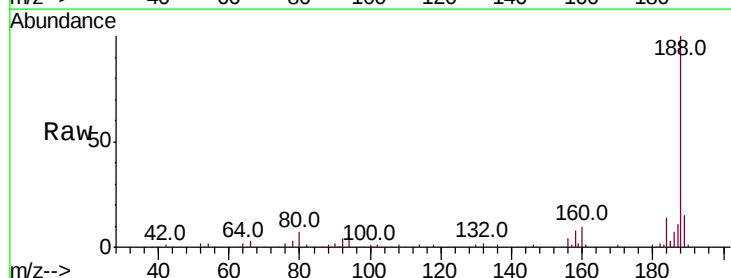
Tgt Ion: 188 Resp: 177425

Ion Ratio Lower Upper

188 100

94 6.0 5.1 7.7

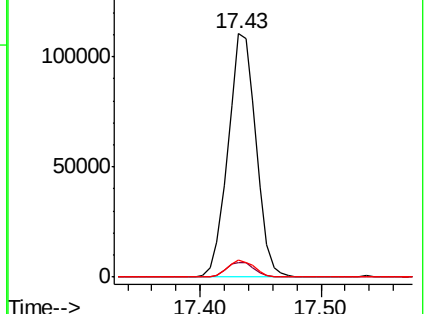
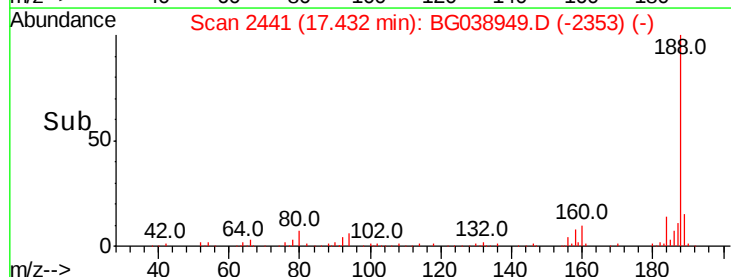
80 6.9 6.1 9.1

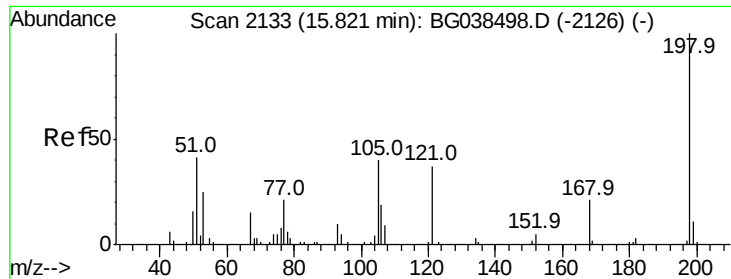


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

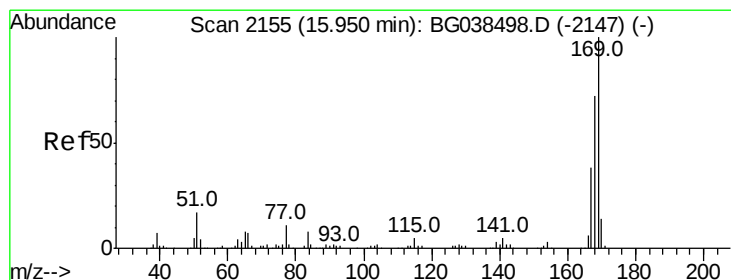
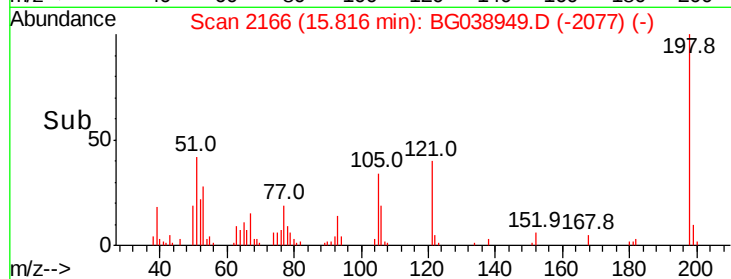
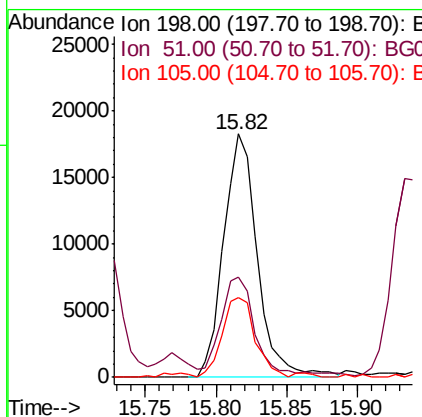
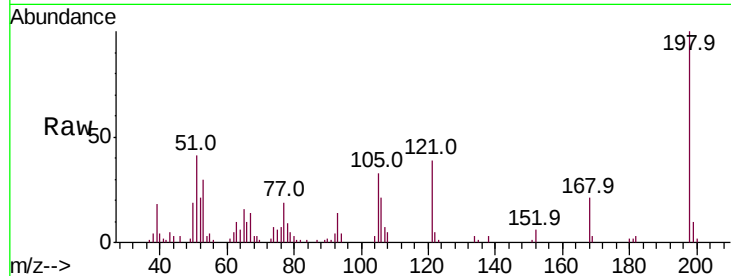




#65
 4,6-Dinitro-2-methylphenol
 Concen: 24.017 ng
 RT: 15.82 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

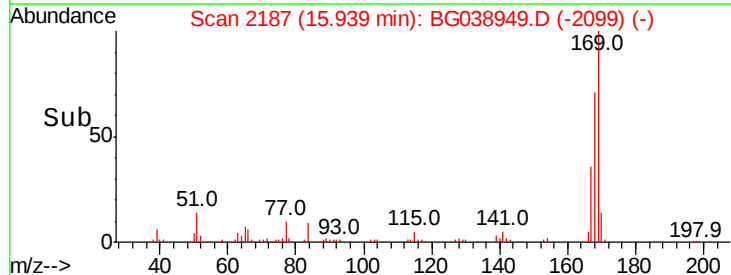
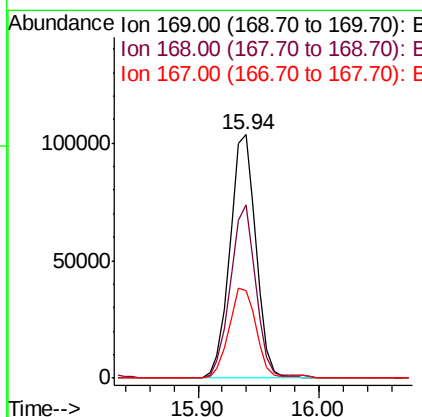
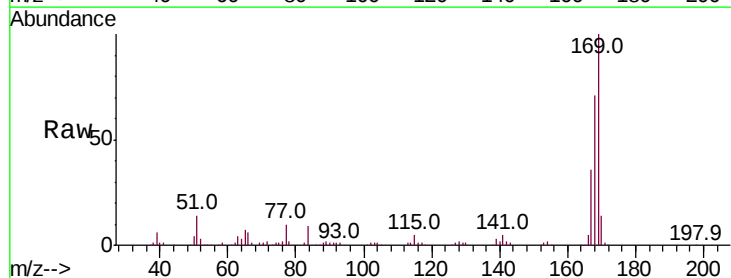
Instrument :
 BNA_G
 ClientSampled :

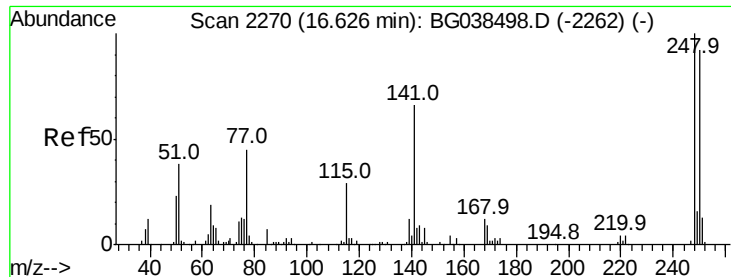
Tot Ion	Ratio	Lower	Upper
198	100		
51	41.1	28.6	68.6
105	32.7	20.4	60.4



#66
 n-Nitrosodiphenylamine
 Concen: 29.838 ng
 RT: 15.94 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.3	57.5	86.3
167	35.9	30.2	45.2





#67

4-Bromophenyl-phenylether

Concen: 30.581 ng

RT: 16.62 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

Instrument :

BNA_G

ClientSampled :

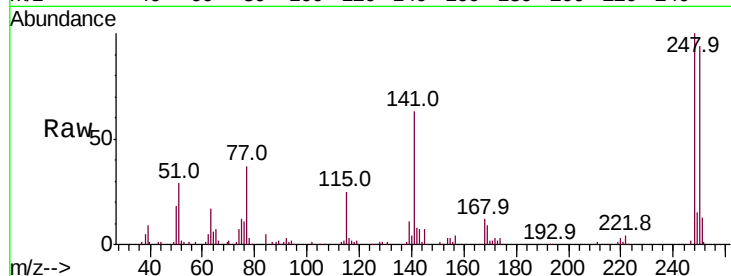
Tot Ion:248 Resp: 66266

Ion Ratio Lower Upper

248 100

250 93.7 73.4 110.2

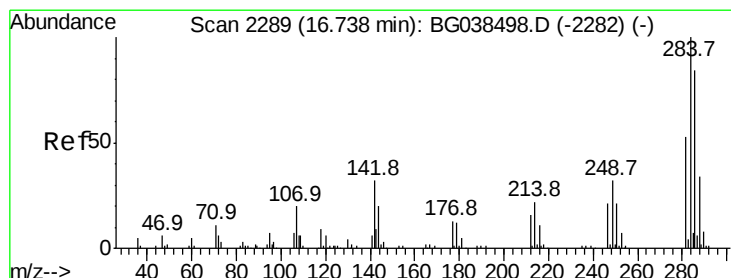
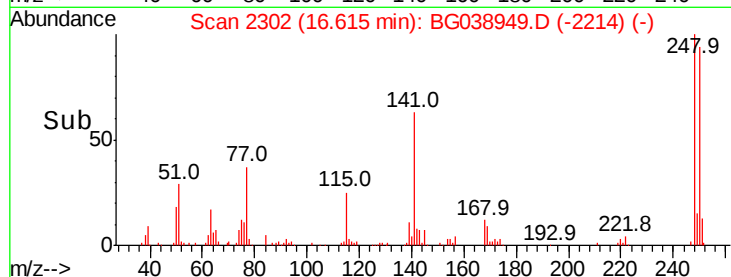
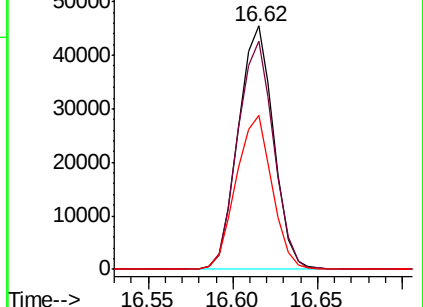
141 63.1 52.9 79.3



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: 31.354 ng

RT: 16.73 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

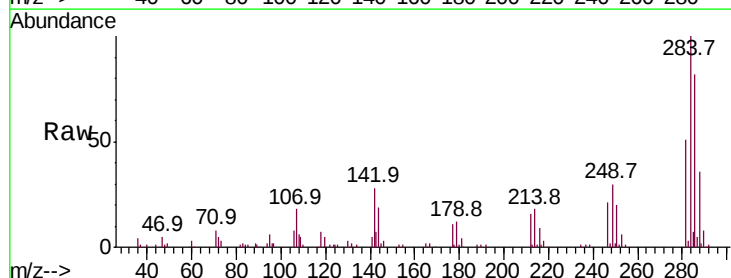
Tgt Ion:284 Resp: 70427

Ion Ratio Lower Upper

284 100

142 27.8 25.8 38.6

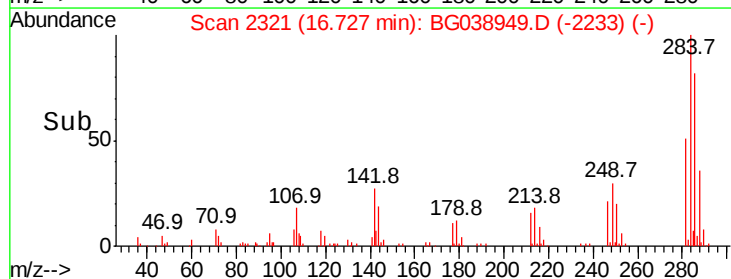
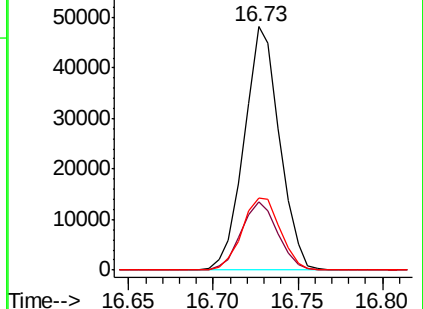
249 32.2 27.0 40.4

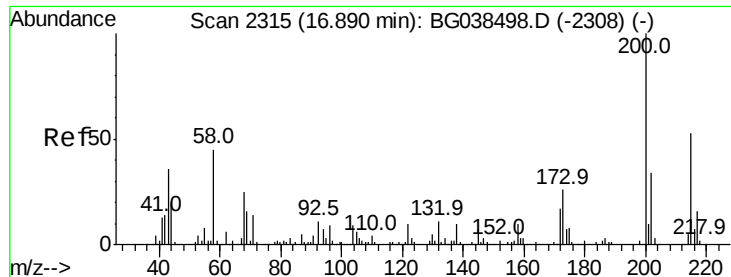


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 35.053 ng

RT: 16.88 min Scan# 2347

Delta R.T. -0.01 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

Instrument :

BNA_G

ClientSampleId :

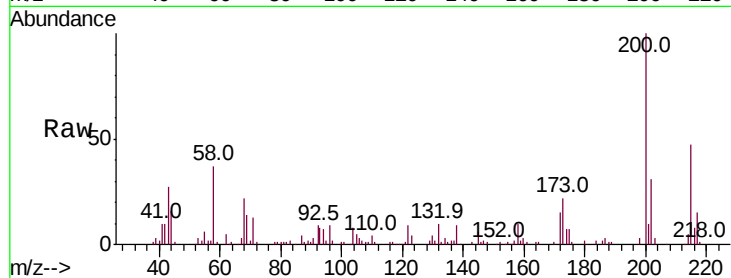
Tot Ion:200 Resp: 67816

Ion Ratio Lower Upper

200 100

173 21.7 5.9 45.9

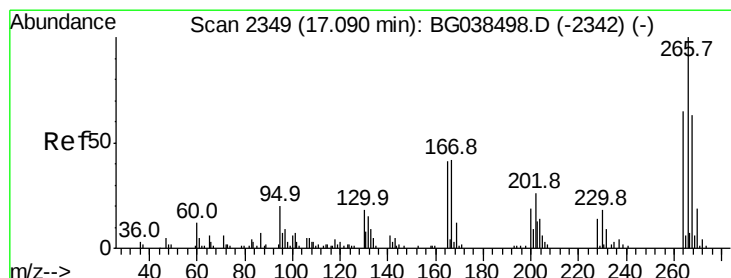
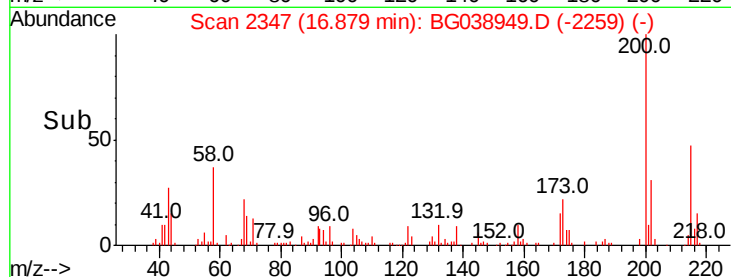
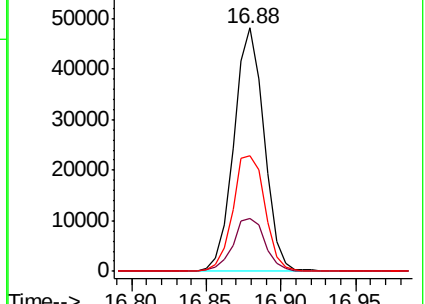
215 47.5 33.1 73.1



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: 50.756 ng

RT: 17.09 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

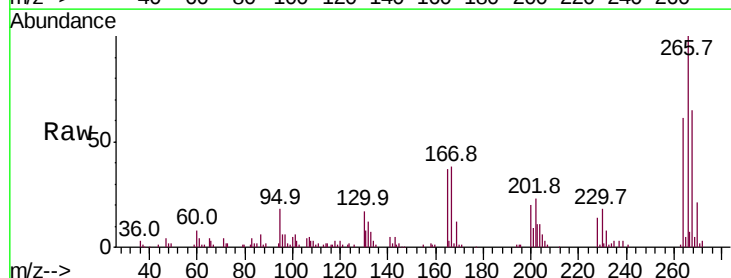
Tgt Ion:266 Resp: 67434

Ion Ratio Lower Upper

266 100

268 69.6 55.0 82.6

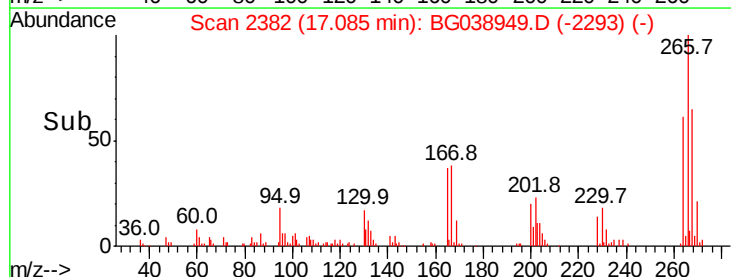
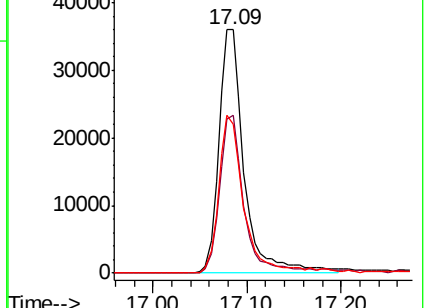
264 66.5 56.7 85.1

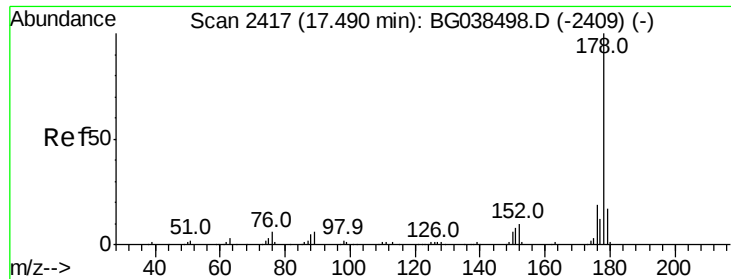


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

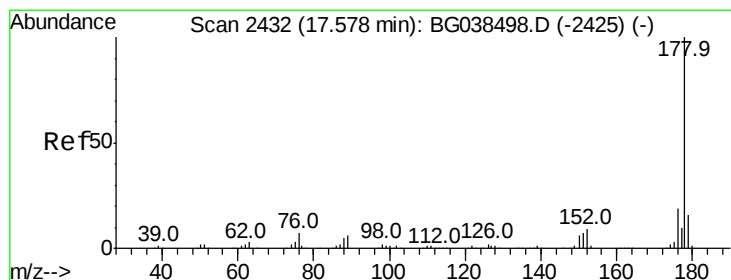
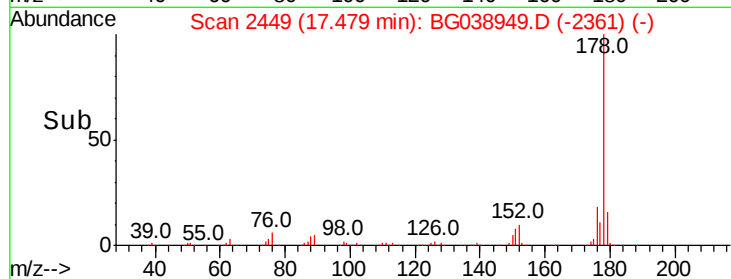
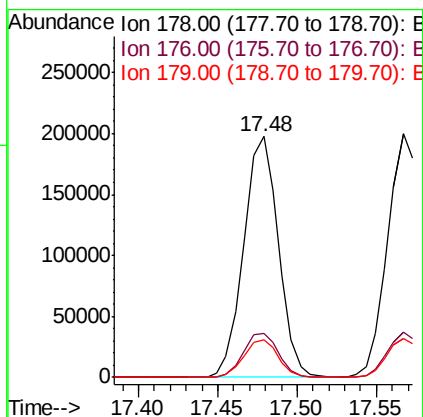
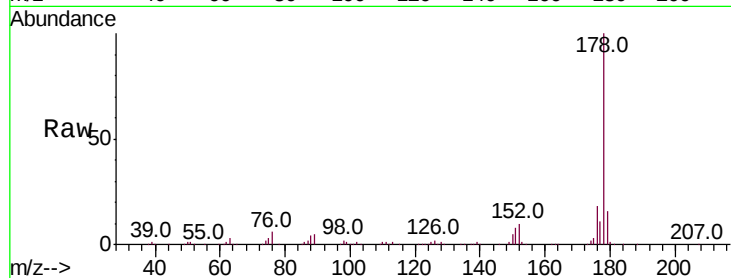




#71
Phenanthrene
Concen: 32.675 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

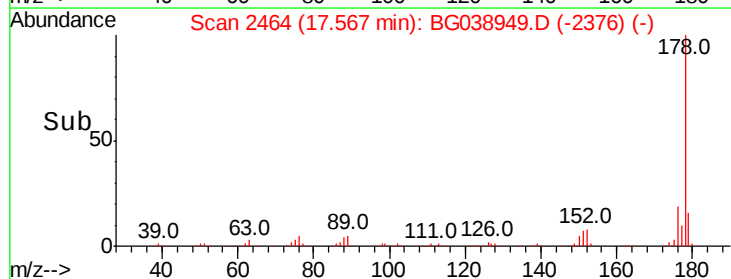
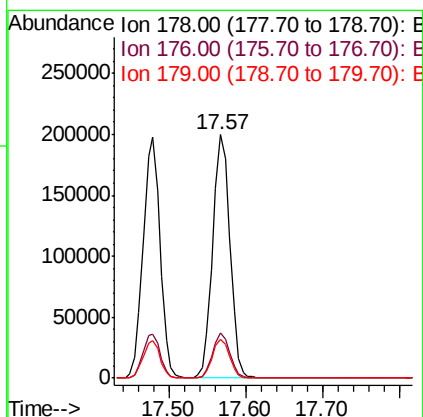
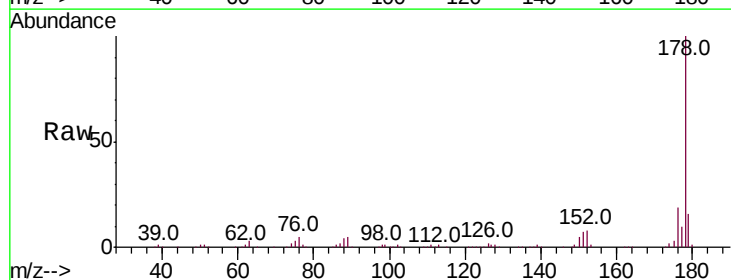
Instrument :
BNA_G
ClientSampled :

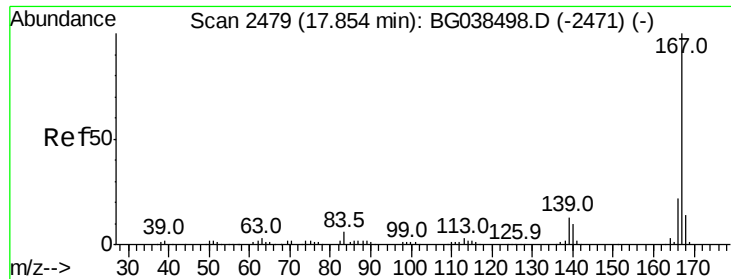
Tot Ion:178 Resp: 300634
Ion Ratio Lower Upper
178 100
176 18.2 15.1 22.7
179 15.7 13.2 19.8



#72
Anthracene
Concen: 33.882 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Tgt Ion:178 Resp: 307752
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 16.0 12.9 19.3

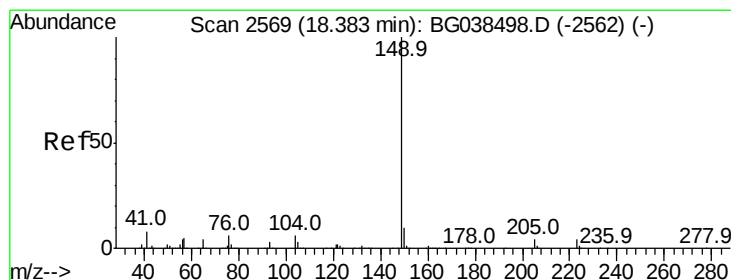
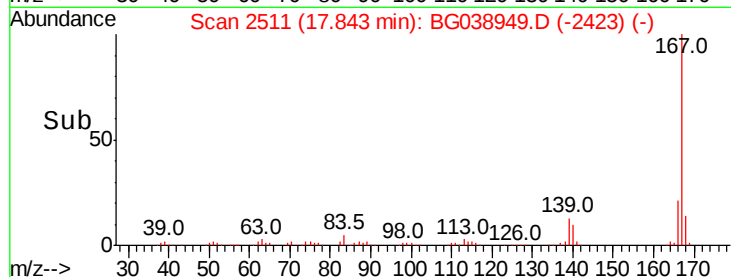
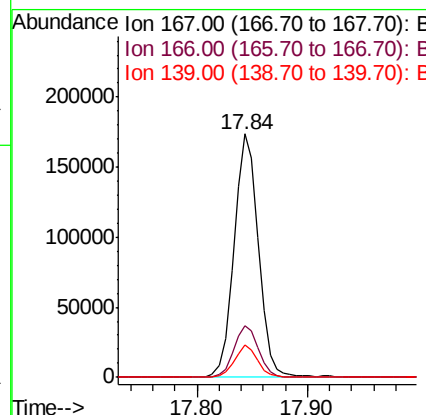
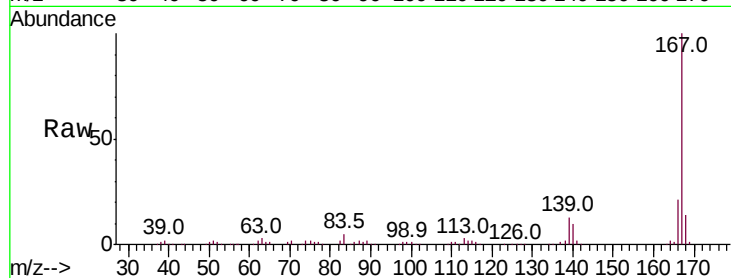




#73
 Carbazole
 Concen: 29.933 ng
 RT: 17.84 min Scan# 2511
 Delta R.T. -0.01 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

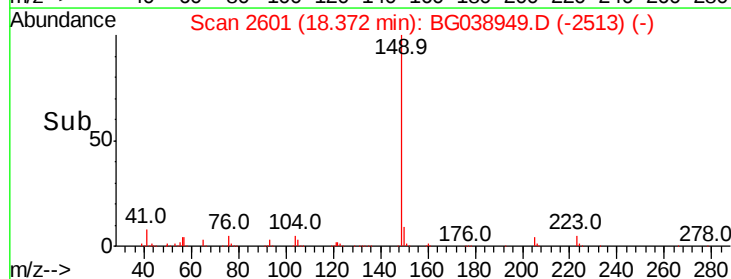
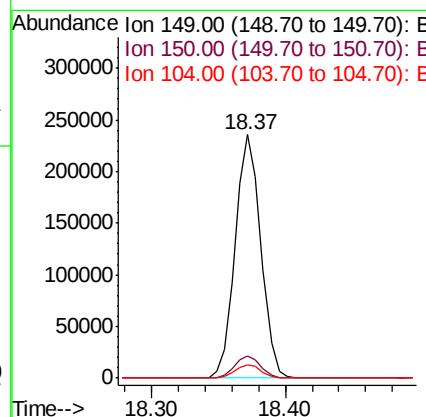
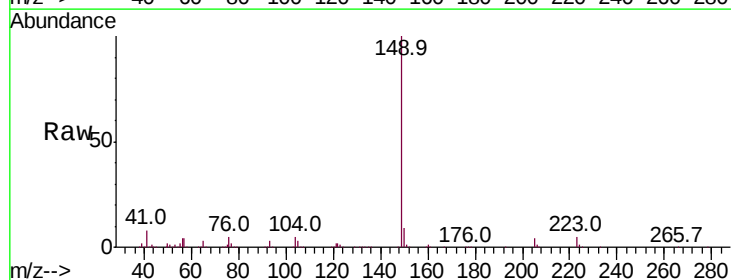
Instrument :
 BNA_G
 ClientSampleId :

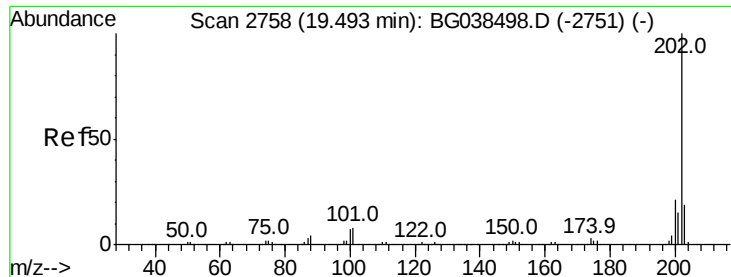
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.9	26.9
139	13.2	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 30.601 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.6	11.4
104	5.4	5.0	7.4

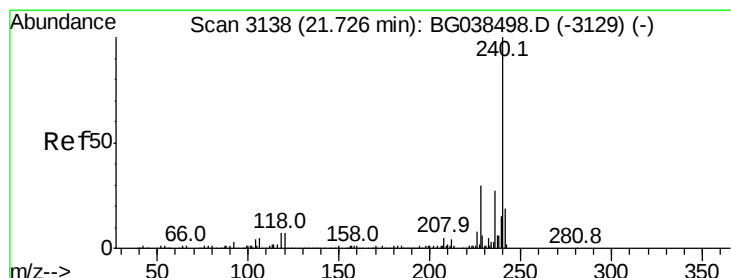
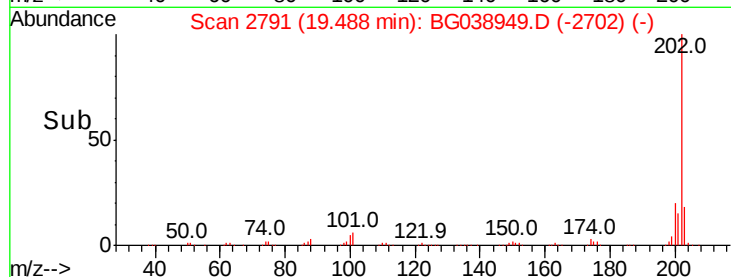
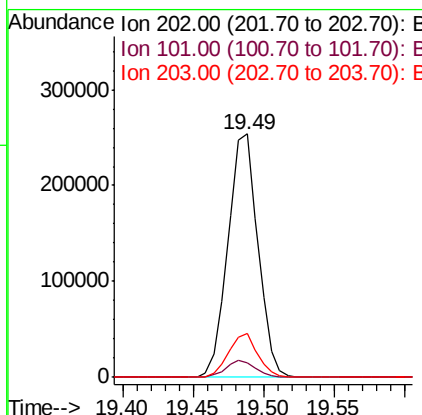
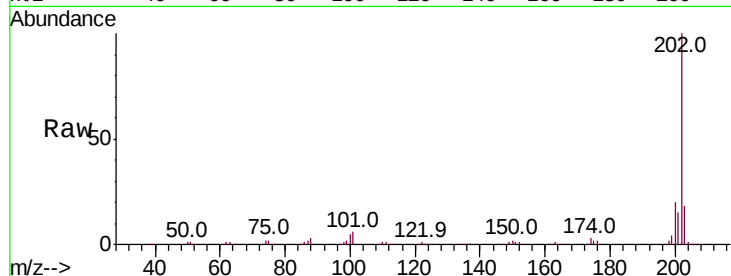




#75
 Fluoranthene
 Concen: 33.121 ng
 RT: 19.49 min Scan# 2791
 Delta R.T. -0.01 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

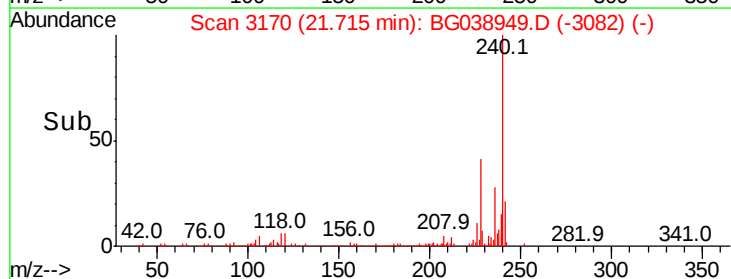
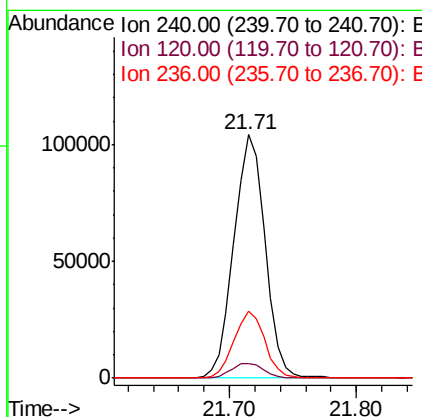
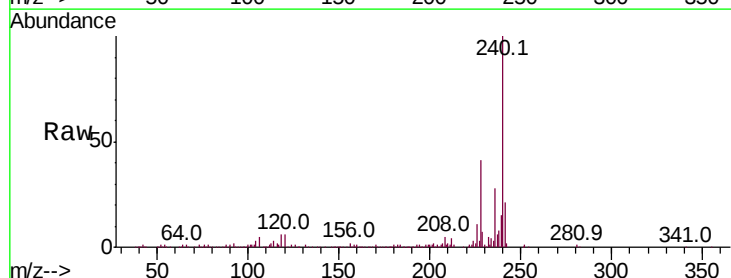
Instrument :
 BNA_G
 ClientSampleId :

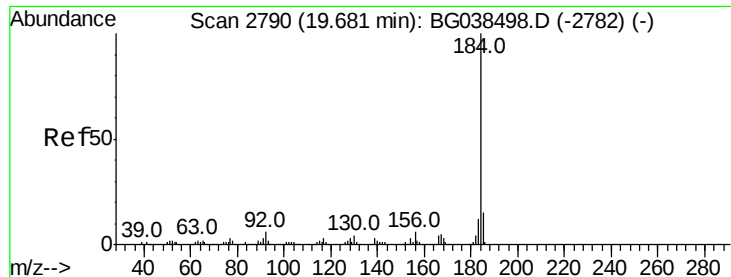
Tot Ion	Ratio	Lower	Upper
202	100		
101	6.2	0.0	28.1
203	18.3	0.0	39.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. -0.01 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.2	5.3	7.9
236	27.7	21.4	32.2





#77

Benzidine

Concen: 19.173 ng

RT: 19.67 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

Instrument :

BNA_G

ClientSampleId :

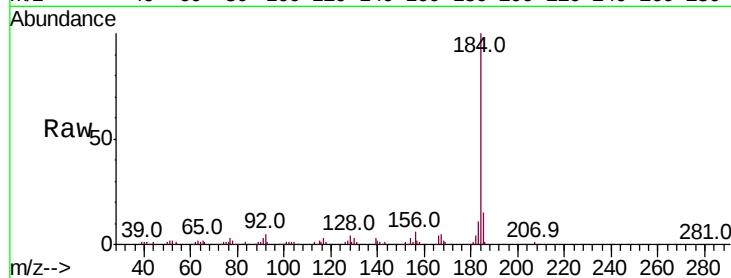
Tot Ion:184 Resp: 100742

Ion Ratio Lower Upper

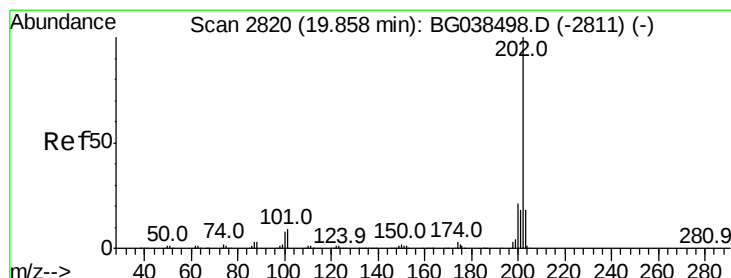
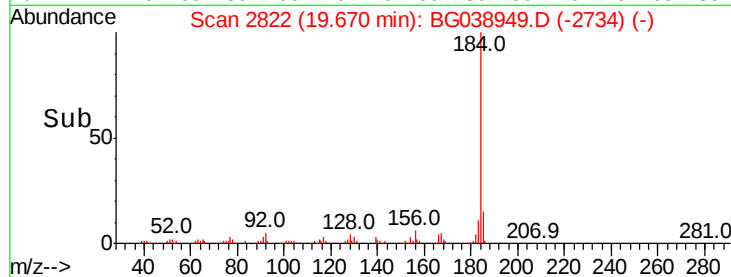
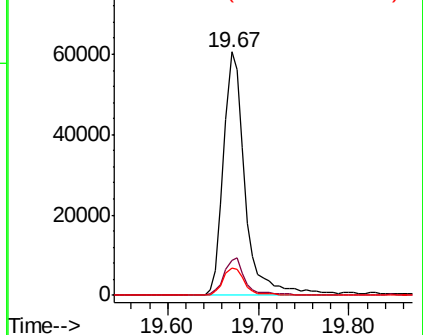
184 100

185 14.5 12.2 18.2

183 11.2 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: 32.514 ng

RT: 19.85 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

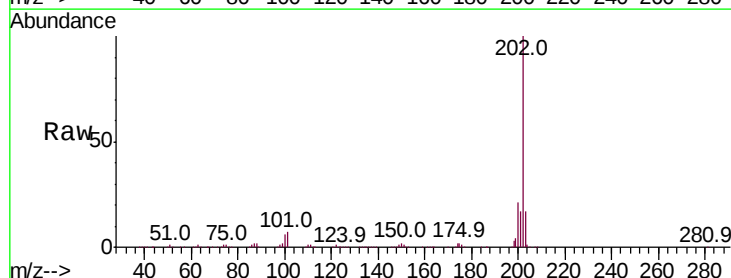
Tgt Ion:202 Resp: 381619

Ion Ratio Lower Upper

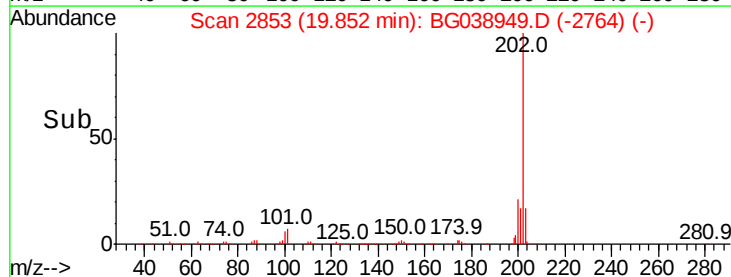
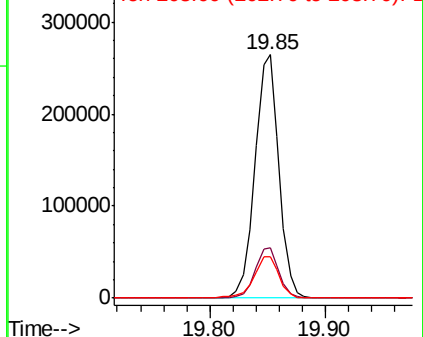
202 100

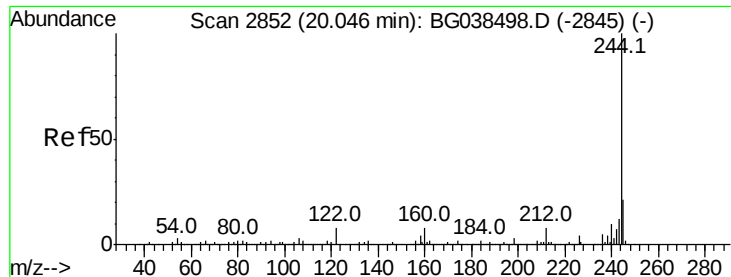
200 20.5 16.6 25.0

203 16.7 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: 71.051 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

Instrument :

BNA_G

ClientSampled :

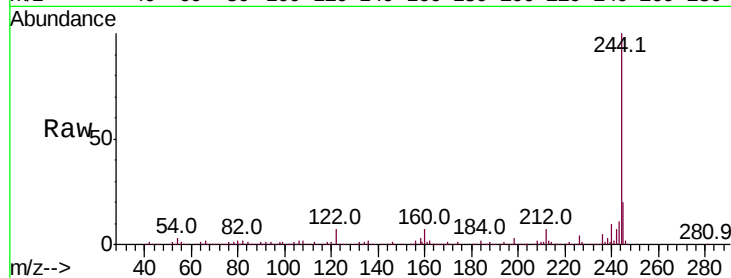
Tot Ion:244 Resp: 580023

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

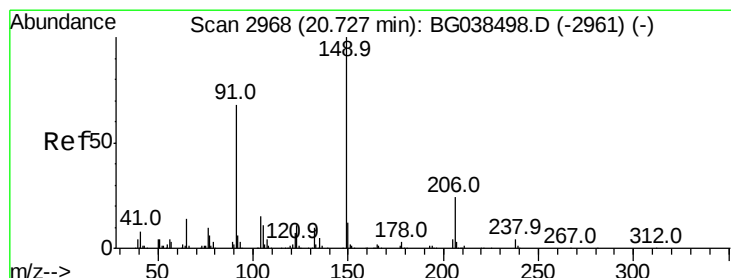
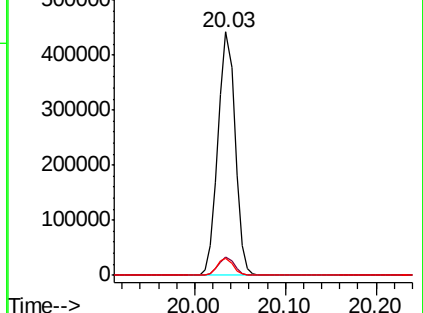
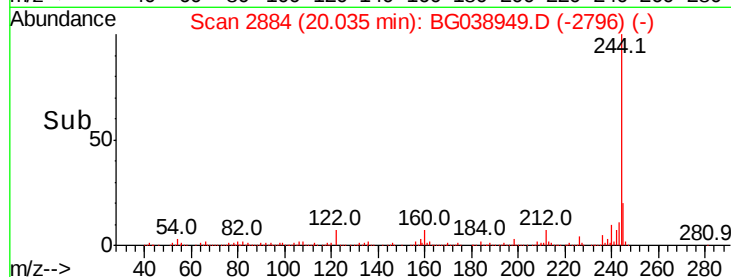
122 7.0 6.3 9.5



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: 30.999 ng

RT: 20.72 min Scan# 3000

Delta R.T. -0.01 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

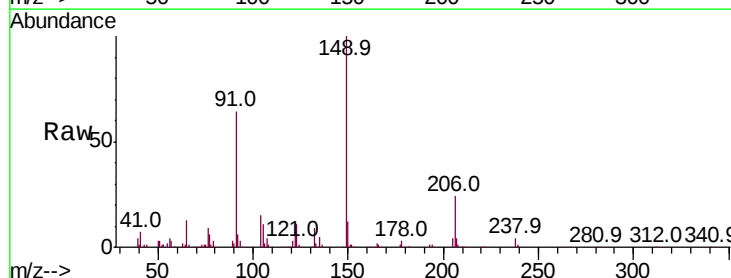
Tgt Ion:149 Resp: 142146

Ion Ratio Lower Upper

149 100

91 64.5 54.5 81.7

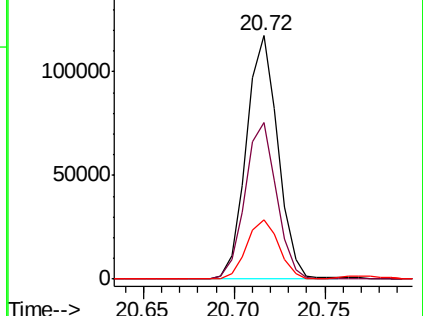
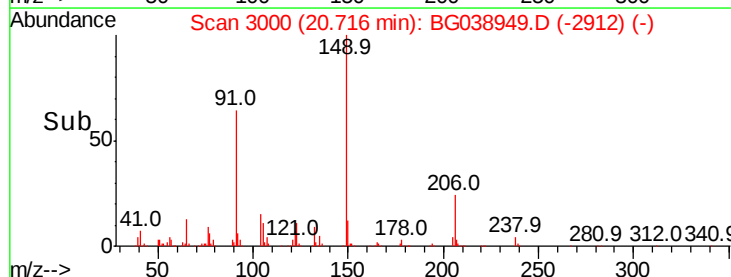
206 24.3 19.0 28.6

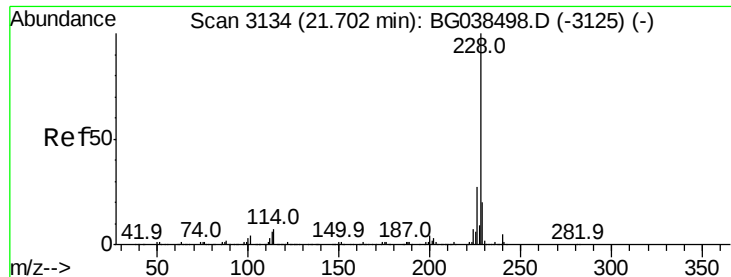


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 33.317 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

Instrument :

BNA_G

ClientSampled :

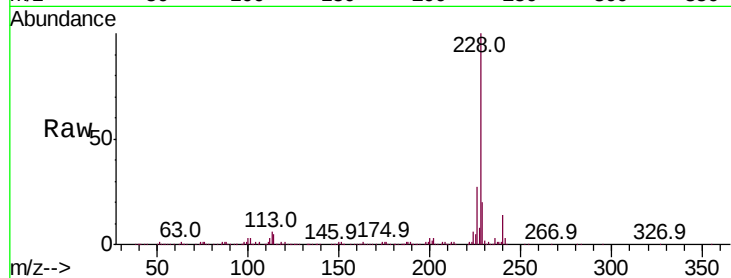
Tot Ion:228 Resp: 360688

Ion Ratio Lower Upper

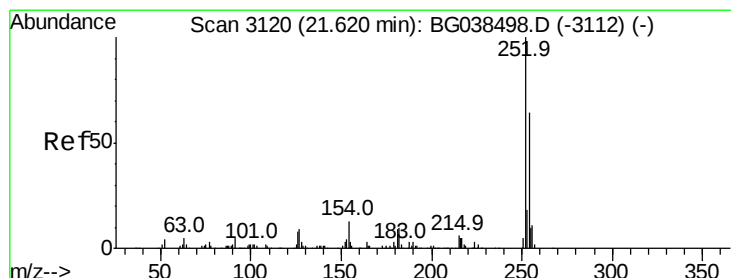
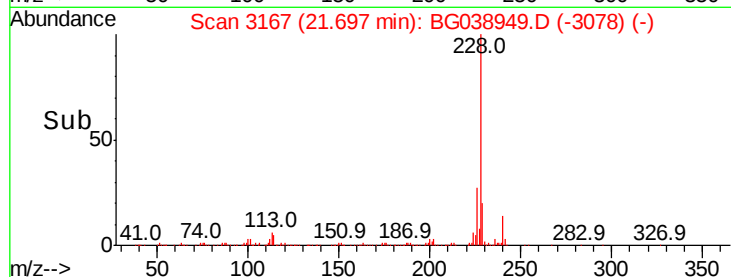
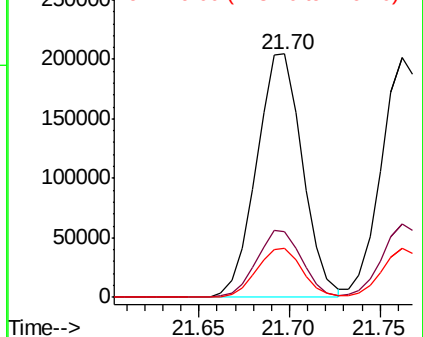
228 100

226 26.9 21.8 32.8

229 20.0 15.8 23.6



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



#82

3,3'-Dichlorobenzidine

Concen: 16.817 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

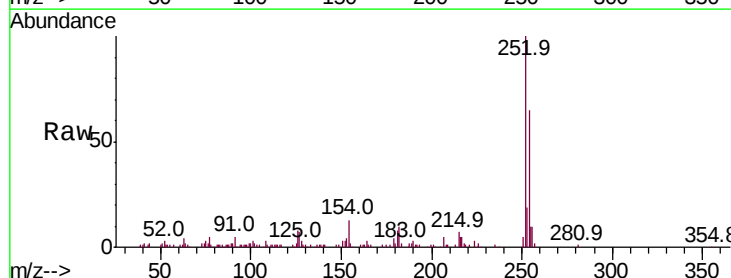
Tgt Ion:252 Resp: 72207

Ion Ratio Lower Upper

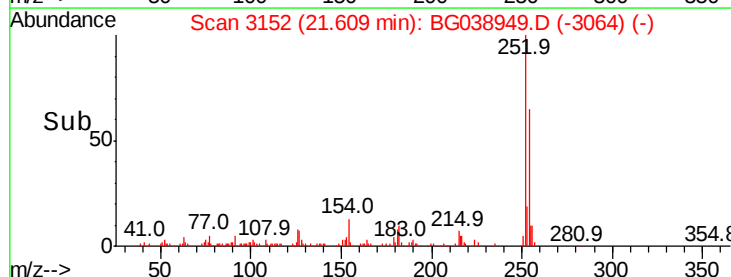
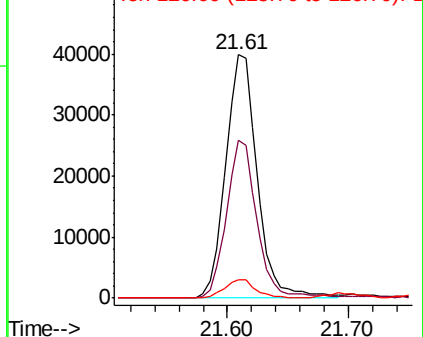
252 100

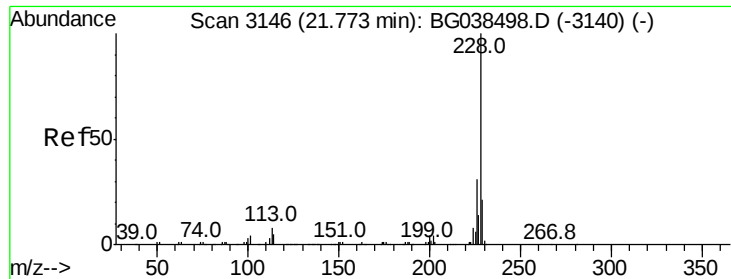
254 64.6 50.9 76.3

126 7.5 6.3 9.5



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

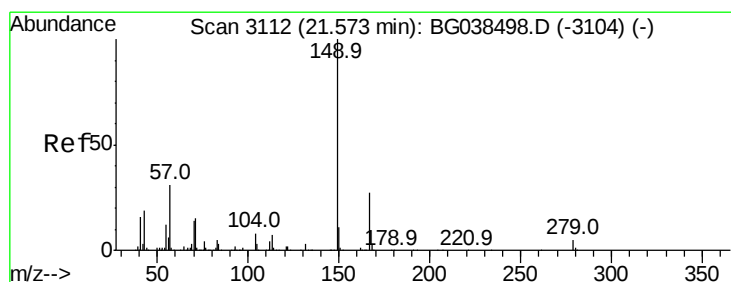
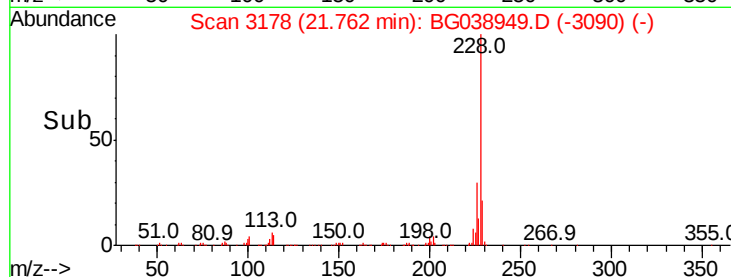
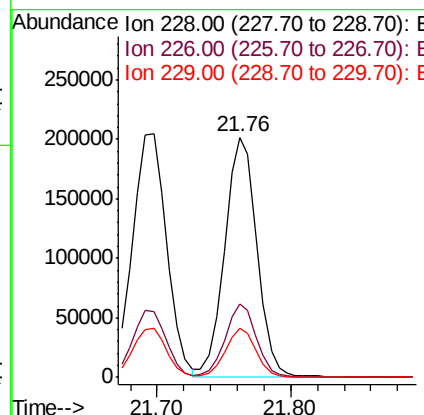
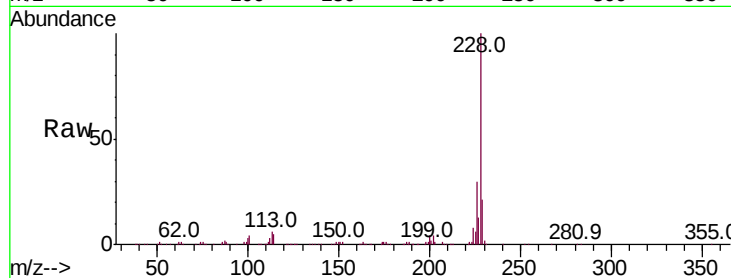




#83
 Chrysene
 Concen: 32.546 ng
 RT: 21.76 min Scan# 3178
 Delta R.T. -0.01 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

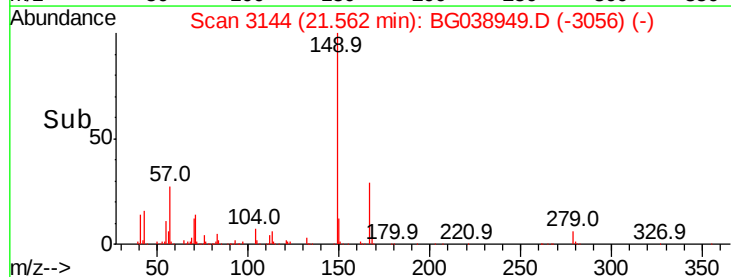
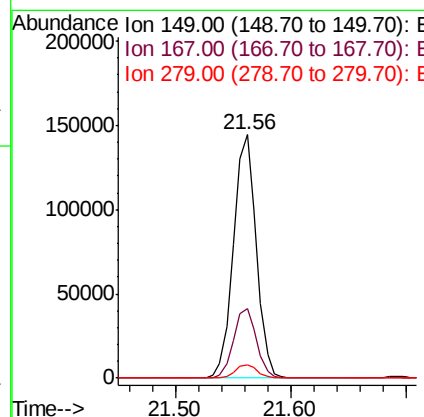
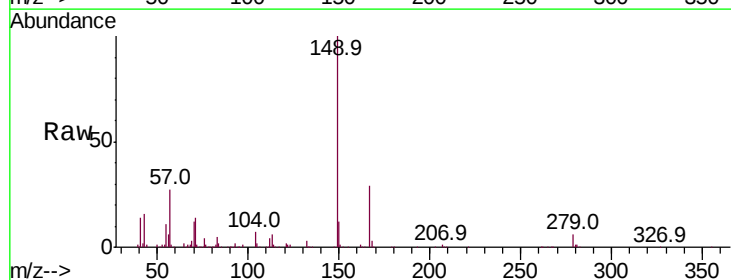
Instrument :
 BNA_G
 ClientSampled :

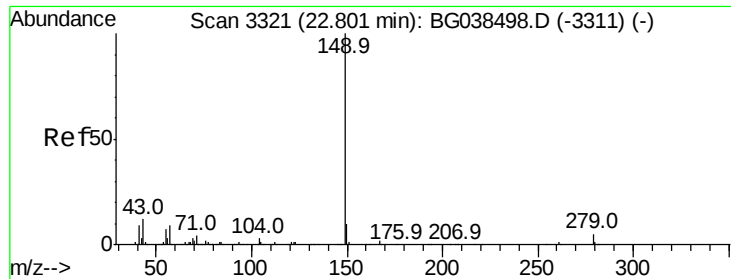
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.4
229	20.5	16.5	24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 30.307 ng
 RT: 21.56 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	21.9	32.9
279	5.5	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 30.861 ng

RT: 22.78 min Scan# 3352

Delta R.T. -0.02 min

Lab File: BG038949.D

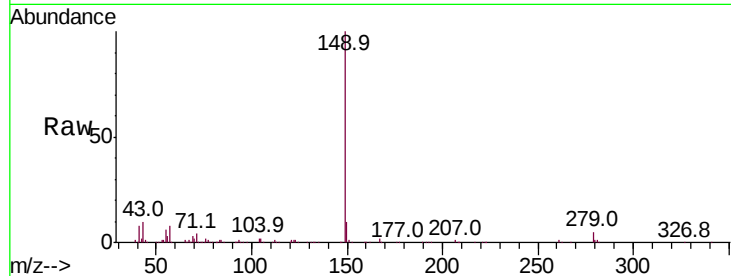
Acq: 5 Jan 2019 4:57

Instrument :

BNA_G

ClientSampled :

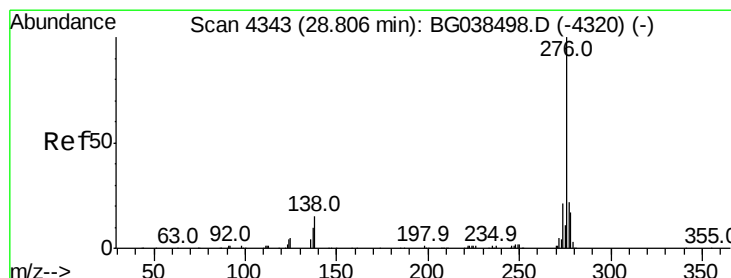
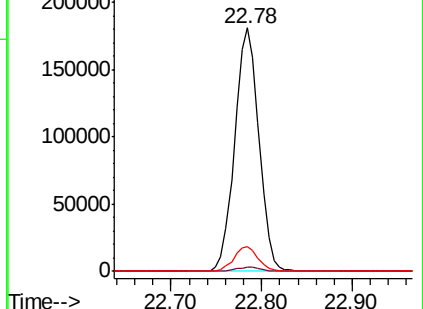
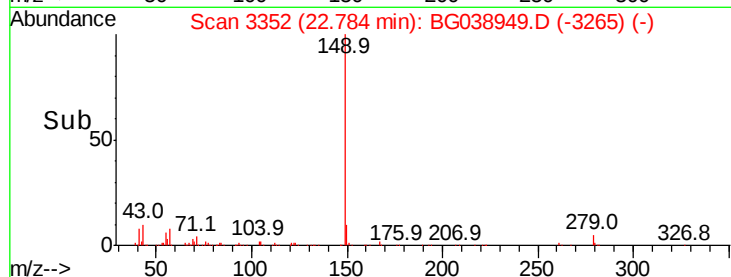
Tot Ion:	149	Resp:	336135
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	10.0	9.3	13.9



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: 33.090 ng

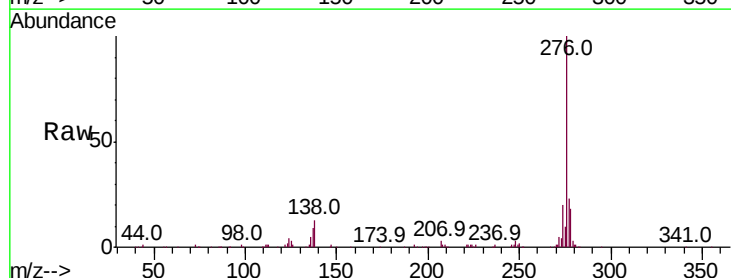
RT: 28.78 min Scan# 4373

Delta R.T. -0.02 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

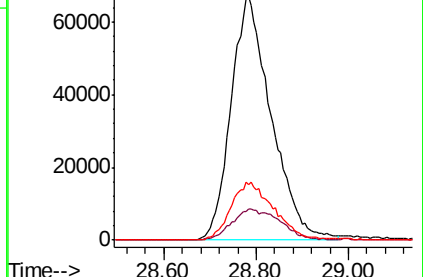
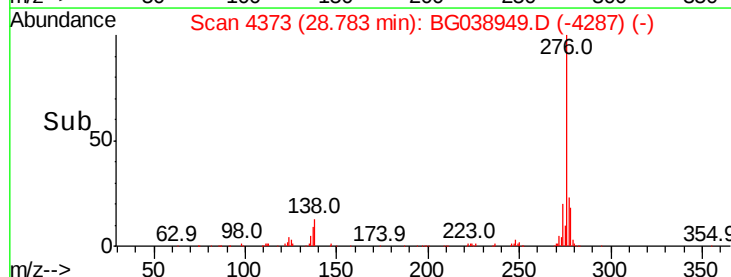
Tgt Ion:	276	Resp:	405660
Ion	Ratio	Lower	Upper
276	100		
138	15.2	14.4	21.6
277	25.2	0.0	0.0#

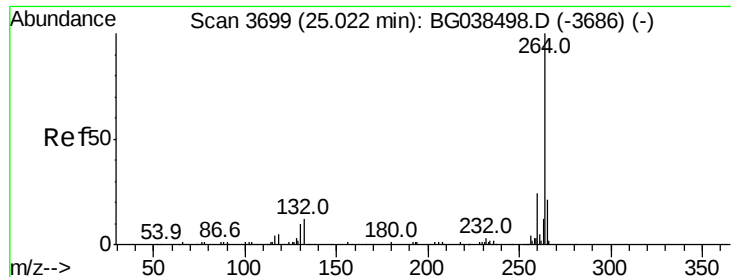


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

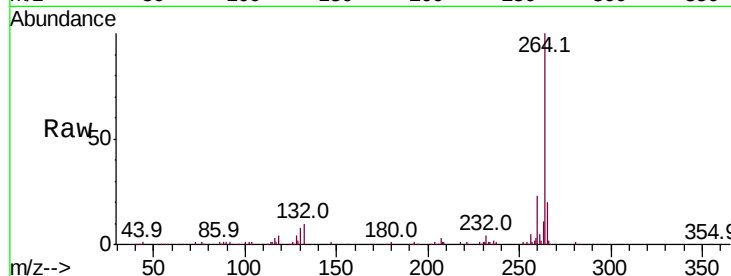




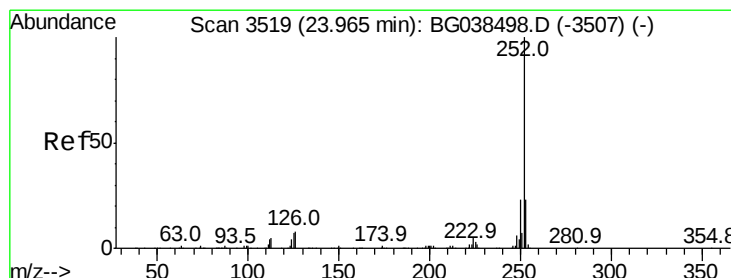
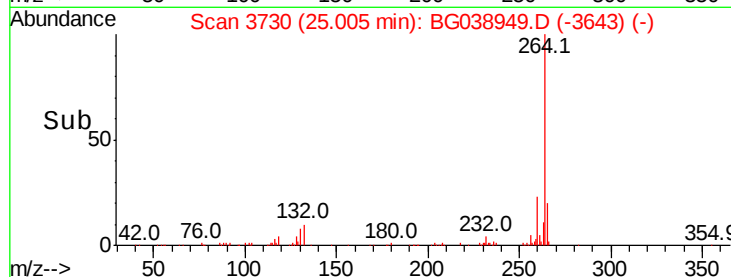
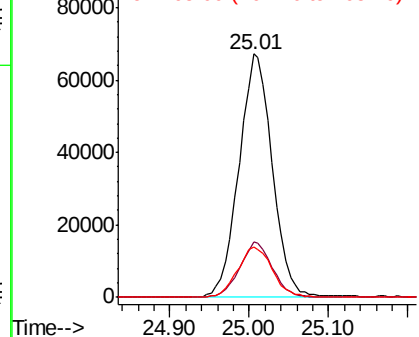
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.01 min Scan# 3730
 Delta R.T. -0.02 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:264 Resp: 195851
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.9 28.3
 265 20.4 17.0 25.4

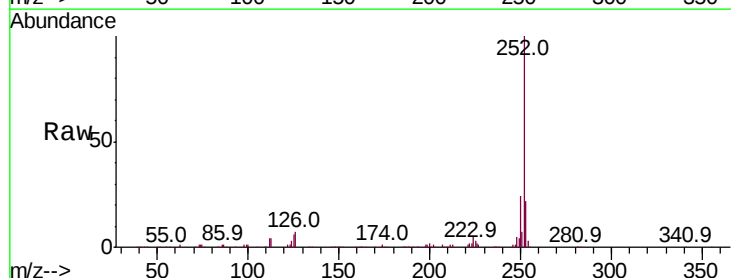


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

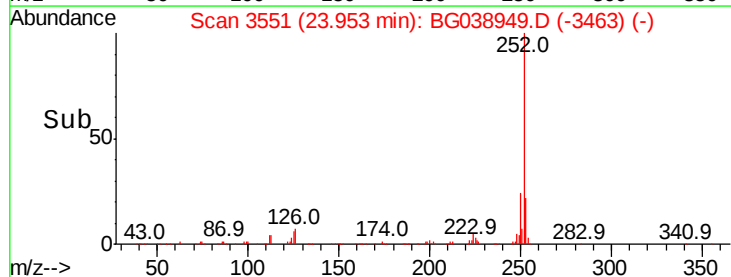
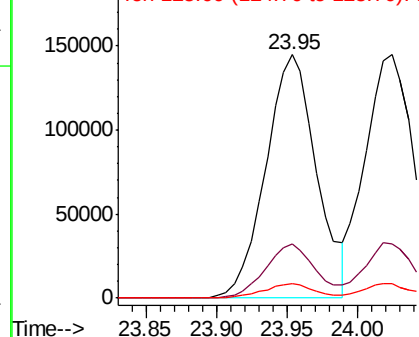


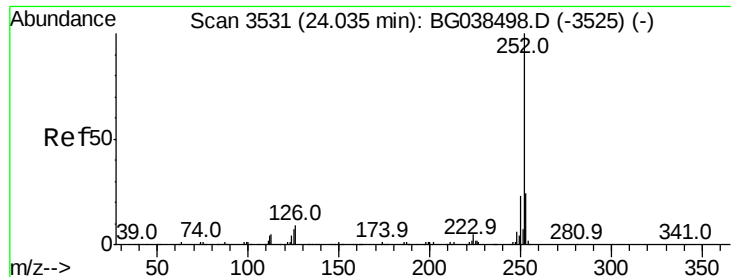
#88
 Benzo(b)fluoranthene
 Concen: 33.756 ng
 RT: 23.95 min Scan# 3551
 Delta R.T. -0.01 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Tgt Ion:252 Resp: 362974
 Ion Ratio Lower Upper
 252 100
 253 22.5 18.1 27.1
 125 6.1 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

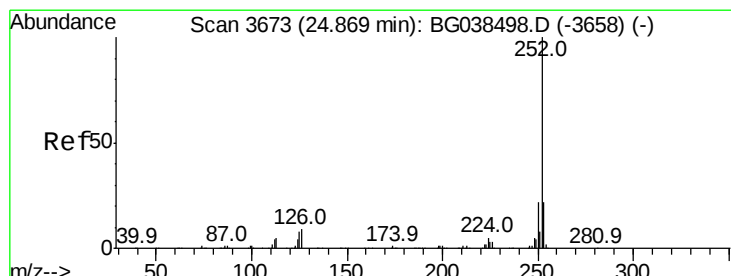
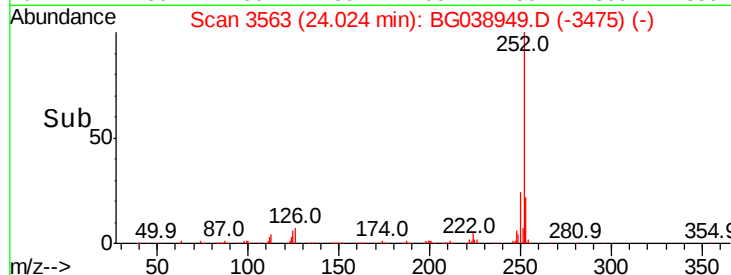
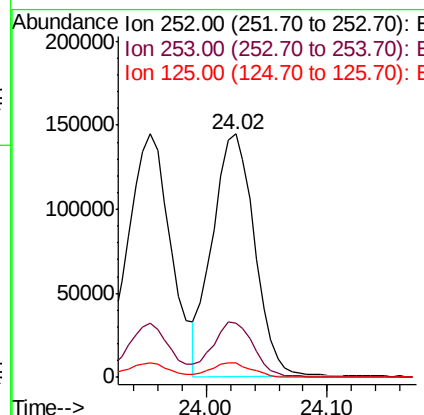
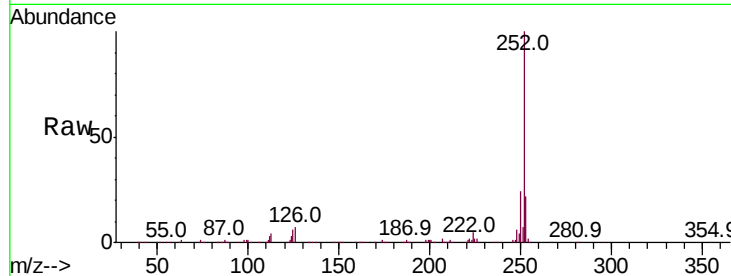




#89
Benzo(k)fluoranthene
Concen: 32.444 ng
RT: 24.02 min Scan# 3563
Delta R.T. -0.01 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

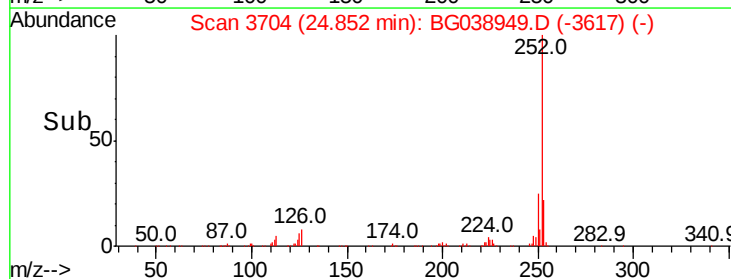
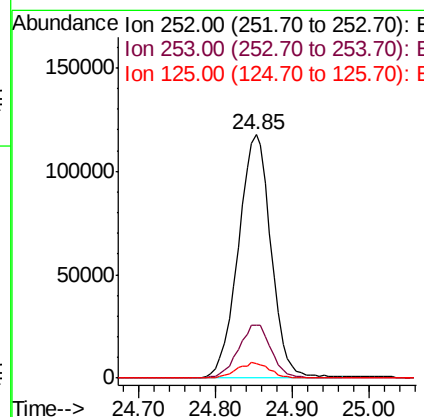
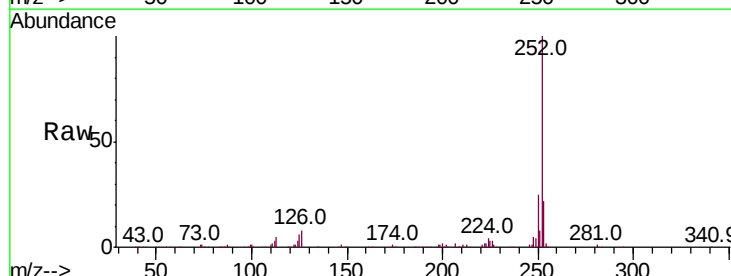
Instrument :
BNA_G
ClientSampleId :

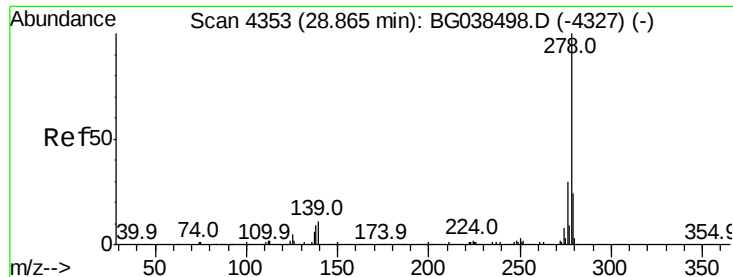
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.9	28.3
125	6.0	5.4	8.2



#90
Benzo(a)pyrene
Concen: 33.722 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.02 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	6.0	6.4	9.6#





#91

Dibenzo(a,h)anthracene

Concen: 32.008 ng

RT: 28.84 min Scan# 4383

Delta R.T. -0.02 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

Instrument :

BNA_G

ClientSampleId :

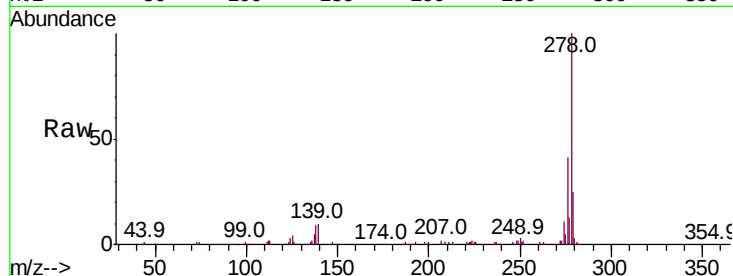
Tot Ion:278 Resp: 330612

Ion Ratio Lower Upper

278 100

139 9.8 8.6 12.8

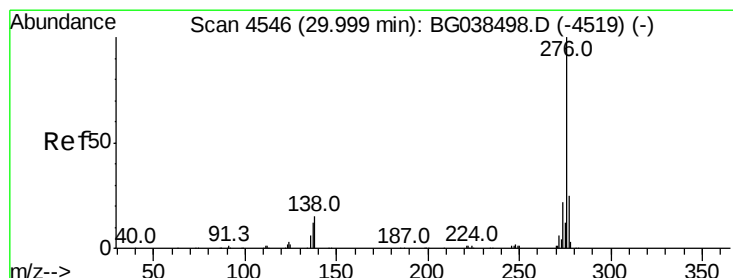
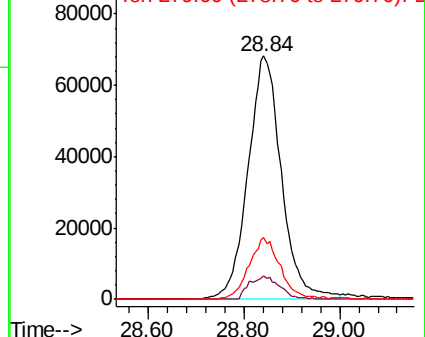
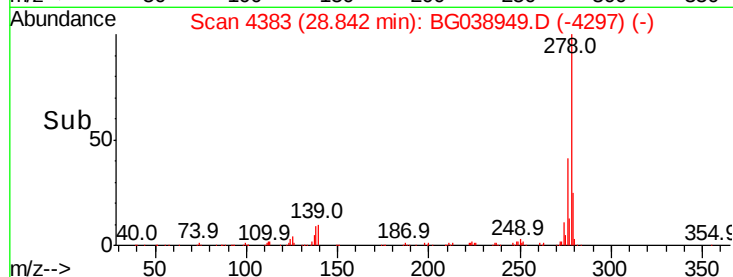
279 25.2 19.0 28.6



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: 32.722 ng

RT: 29.98 min Scan# 4576

Delta R.T. -0.02 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

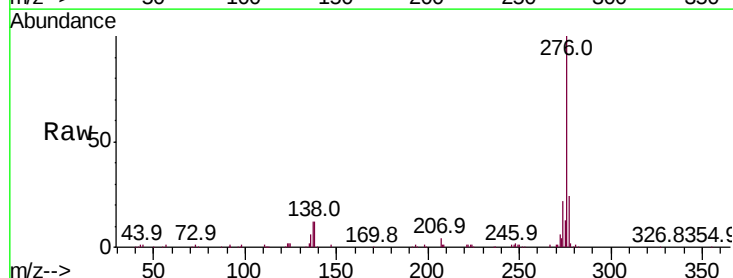
Tgt Ion:276 Resp: 333080

Ion Ratio Lower Upper

276 100

277 23.6 19.8 29.8

138 11.8 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

