

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
 Data File : BG038979.D
 Acq On : 7 Jan 2019 23:07
 Operator : JU/SJ
 Sample : K1012-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 08 03:11:40 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	8.04	152	30348	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	115378	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	79230	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	191727	20.00	ng	0.00
76) Chrysene-d12	21.72	240	186166	20.00	ng	0.00
87) Perylene-d12	25.01	264	202162	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	203587	118.98	ng	0.00
7) Phenol-d6	7.22	99	266220	113.34	ng	0.00
23) Nitrobenzene-d5	9.23	82	187045	82.82	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	173252	158.67	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	503123	87.11	ng	-0.02
79) Terphenyl-d14	20.04	244	876504	102.47	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.50	88	21204	26.627	ng	# 21
3) Pyridine	3.91	79	55418	25.276	ng	94
4) n-Nitrosodimethylamine	3.81	42	37839	35.222	ng	85
6) Aniline	7.38	93	17598	5.869	ng	# 95
8) 2-Chlorophenol	7.62	128	80984	40.899	ng	93
9) Benzaldehyde	7.19	77	24293	15.942	ng	97
10) Phenol	7.24	94	88288	35.379	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	67824	34.137	ng	91
12) 1,3-Dichlorobenzene	7.93	146	85556	36.544	ng	98
13) 1,4-Dichlorobenzene	8.08	146	89212	37.206	ng	97
14) 1,2-Dichlorobenzene	8.40	146	85752	37.935	ng	99
15) Benzyl Alcohol	8.29	79	72187	39.373	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	141551	31.101	ng	96
17) 2-Methylphenol	8.49	107	67991	40.666	ng	98
18) Hexachloroethane	9.13	117	31098	35.493	ng	87
19) n-Nitroso-di-n-propylamine	8.86	70	57929	35.114	ng	94
20) 3+4-Methylphenols	8.83	107	94812	41.061	ng	96
22) Acetophenone	8.88	105	119367	41.420	ng	# 96
24) Nitrobenzene	9.27	77	90210	39.484	ng	99
25) Isophorone	9.78	82	164033	40.424	ng	98
26) 2-Nitrophenol	9.98	139	48316	41.318	ng	99
27) 2,4-Dimethylphenol	10.03	122	80584	48.084	ng	96
28) bis(2-Chloroethoxy)methane	10.26	93	95378	41.651	ng	98
29) 2,4-Dichlorophenol	10.51	162	91446	49.048	ng	96
30) 1,2,4-Trichlorobenzene	10.72	180	99704	44.273	ng	97
31) Naphthalene	10.92	128	259866	45.713	ng	99
32) Benzoic acid	10.19	122	41442	40.852	ng	93
34) Hexachlorobutadiene	11.18	225	66988	43.960	ng	96
35) Caprolactam	11.83	113	16126	20.900	ng	# 88
36) 4-Chloro-3-methylphenol	12.15	107	93818	44.096	ng	90
37) 2-Methylnaphthalene	12.52	142	196708	48.503	ng	99
38) 1-Methylnaphthalene	12.73	142	190795	48.481	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	123483	41.695	ng	99
41) Hexachlorocyclopentadiene	12.84	237	148075	91.006	ng	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,6-Trichlorophenol	13.13	196	86249	47.364	ng	98
44) 2,4,5-Trichlorophenol	13.20	196	91253	47.331	ng	97
46) 1,1'-Biphenyl	13.52	154	262574	39.532	ng	99
47) 2-Chloronaphthalene	13.57	162	214792	41.865	ng	99
48) 2-Nitroaniline	13.78	65	60547	37.049	ng	88
49) Acenaphthylene	14.41	152	343683	44.808	ng	99
50) Dimethylphthalate	14.14	163	278232	43.002	ng	100
51) 2,6-Dinitrotoluene	14.27	165	62388	42.549	ng	88
52) Acenaphthene	14.75	154	199868	43.578	ng	98
53) 3-Nitroaniline	14.61	138	3176	2.125	ng	# 92
54) 2,4-Dinitrophenol	14.82	184	83749	94.959	ng	97
55) Dibenzofuran	15.08	168	336467	42.797	ng	97
56) 4-Nitrophenol	14.92	139	85033	74.992	ng	95
57) 2,4-Dinitrotoluene	15.06	165	88934	43.064	ng	94
58) Fluorene	15.73	166	270253	46.398	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	87749	50.588	ng	93
60) Diethylphthalate	15.49	149	281395	39.617	ng	97
61) 4-Chlorophenyl-phenylether	15.72	204	154987	42.647	ng	96
62) 4-Nitroaniline	15.77	138	45779	29.750	ng	97
63) Azobenzene	16.01	77	225354	37.979	ng	96
65) 4,6-Dinitro-2-methylphenol	15.82	198	59665	43.625	ng	91
66) n-Nitrosodiphenylamine	15.94	169	242578	43.061	ng	99
67) 4-Bromophenyl-phenylether	16.62	248	103479	44.193	ng	94
68) Hexachlorobenzene	16.73	284	111034	45.744	ng	97
69) Atrazine	16.88	200	92775	44.377	ng	97
70) Pentachlorophenol	17.08	266	125101	87.136	ng	95
71) Phenanthrene	17.48	178	460868	46.354	ng	99
72) Anthracene	17.57	178	465982	47.476	ng	99
73) Carbazole	17.84	167	401507	41.363	ng	99
74) Di-n-butylphthalate	18.37	149	471860	42.364	ng	99
75) Fluoranthene	19.48	202	548203	44.564	ng	98
77) Benzidine	19.69	184	33723	6.125	ng	96
78) Pyrene	19.85	202	553018	44.966	ng	99
80) Butylbenzylphthalate	20.71	149	207390	43.162	ng	97
81) Benzo(a)anthracene	21.69	228	532758	46.964	ng	98
82) 3,3'-Dichlorobenzidine	21.61	252	42615	9.472	ng	97
83) Chrysene	21.76	228	492250	45.051	ng	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	290386	42.612	ng	97
85) Di-n-octyl phthalate	22.78	149	494898	43.363	ng	97
86) Indeno(1,2,3-cd)pyrene	28.78	276	595360	46.346	ng	# 71
88) Benzo(b)fluoranthene	23.95	252	521534	46.987	ng	99
89) Benzo(k)fluoranthene	24.02	252	518606	46.921	ng	97
90) Benzo(a)pyrene	24.85	252	509237	47.556	ng	# 98
91) Dibenzo(a,h)anthracene	28.84	278	495337	46.459	ng	99
92) Benzo(g,h,i)perylene	29.98	276	492503	46.873	ng	# 97

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

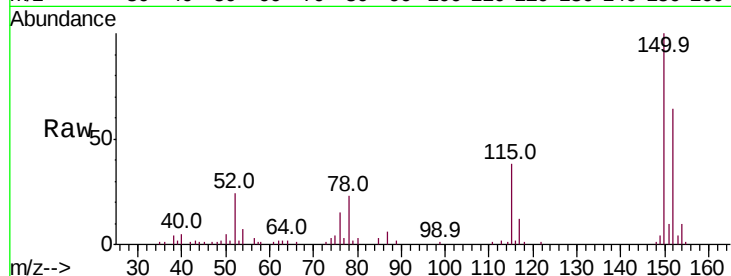


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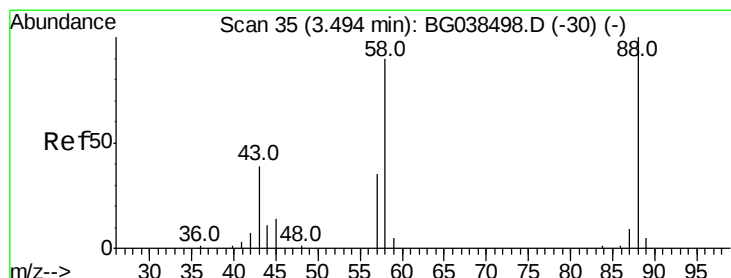
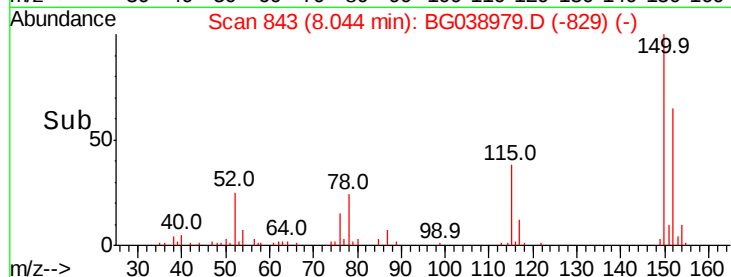
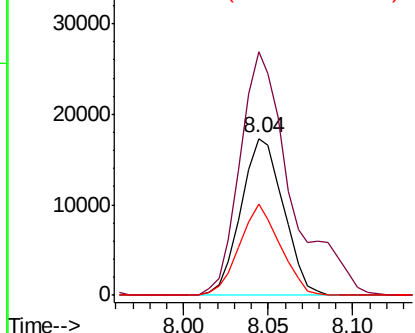
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.02 min
Lab File: BG038979.D
Acq: 7 Jan 2019 23:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 30348
Ion Ratio Lower Upper
152 100
150 155.4 119.5 179.3
115 58.4 49.6 74.4



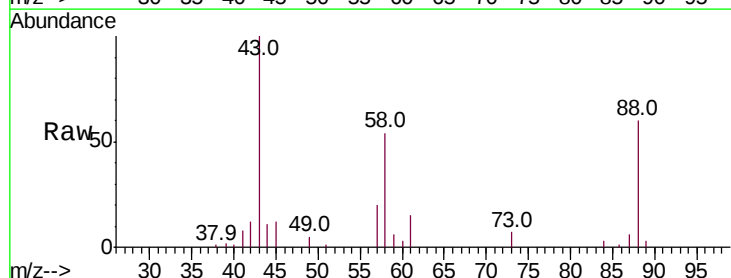
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



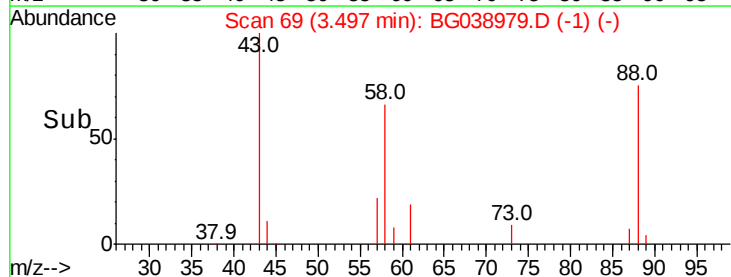
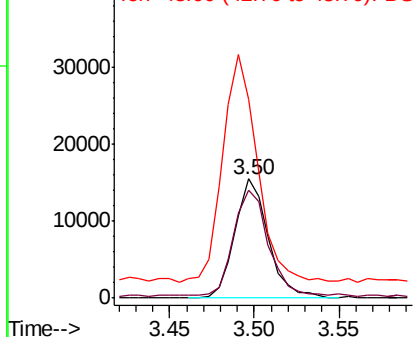
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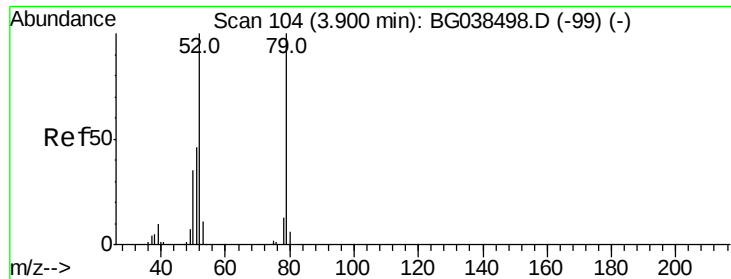
1,4-Dioxane
Concen: 26.627 ng
RT: 3.50 min Scan# 69
Delta R.T. 0.00 min
Lab File: BG038979.D
Acq: 7 Jan 2019 23:07

Tgt Ion: 88 Resp: 21204
Ion Ratio Lower Upper
88 100
58 93.3 75.7 113.5
43 201.4 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

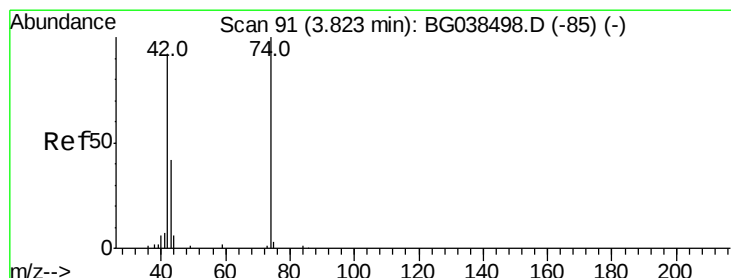
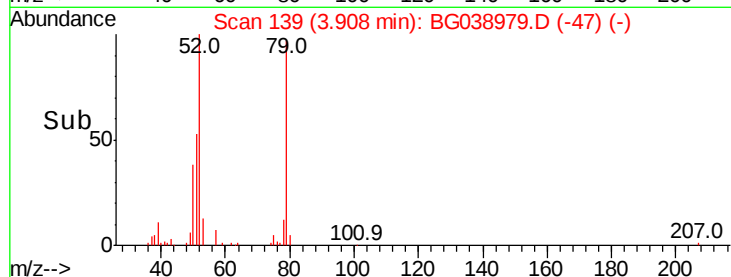
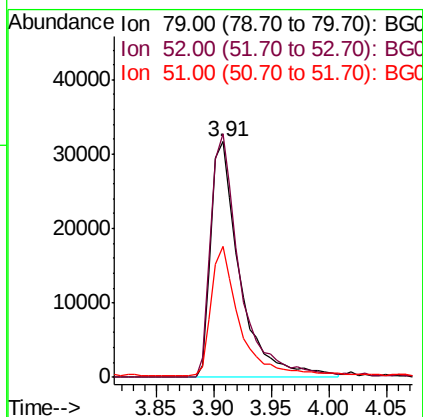
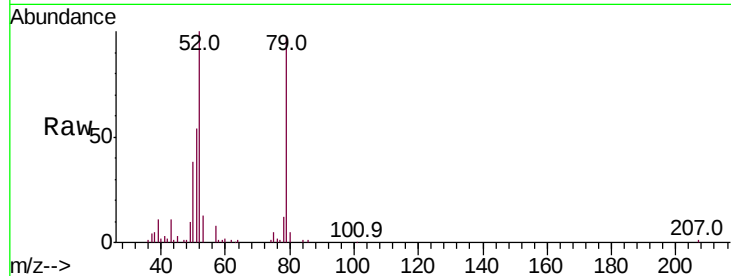




#3
 Pvridine
 Concen: 25.276 ng
 RT: 3.91 min Scan# 139
 Delta R.T. 0.01 min
 Lab File: BG038979.D
 Acq: 7 Jan 2019 23:07

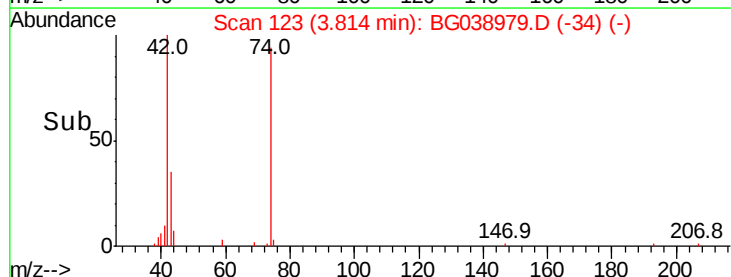
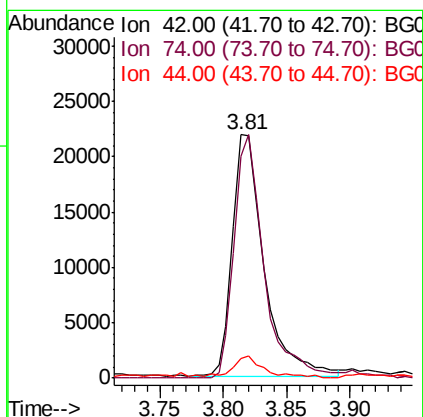
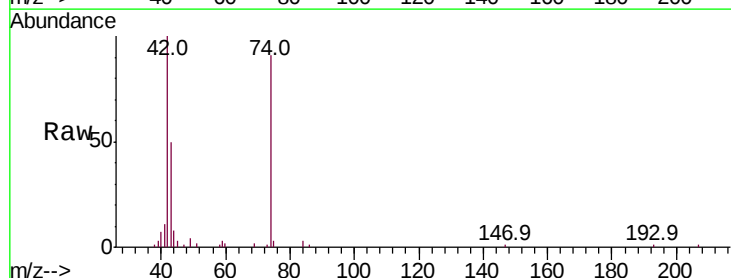
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 79 Resp: 55418
 Ion Ratio Lower Upper
 79 100
 52 103.5 80.2 120.2
 51 55.9 38.0 57.0



#4
 n-Nitrosodimethylamine
 Concen: 35.222 ng
 RT: 3.81 min Scan# 123
 Delta R.T. -0.01 min
 Lab File: BG038979.D
 Acq: 7 Jan 2019 23:07

Tgt Ion: 42 Resp: 37839
 Ion Ratio Lower Upper
 42 100
 74 91.4 86.7 130.1
 44 8.0 7.8 11.8





#5

2-Fluorophenol

Concen: 118.984 ng

RT: 5.61 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG038979.D

Acq: 7 Jan 2019 23:07

Instrument :

BNA_G

ClientSampleId :

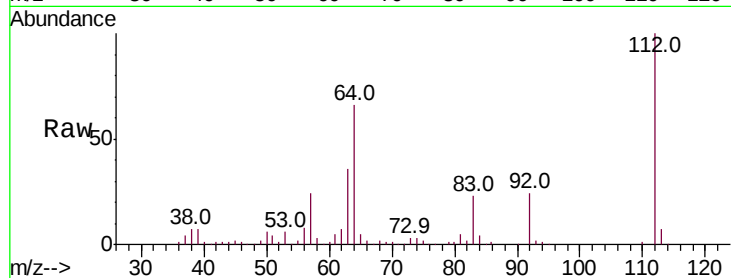
Tot Ion:112 Resp: 203587

Ion Ratio Lower Upper

112 100

64 65.7 53.4 80.2

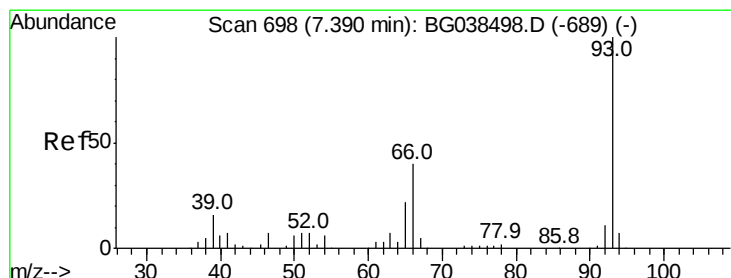
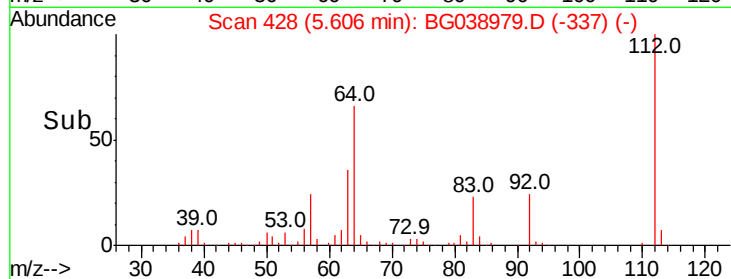
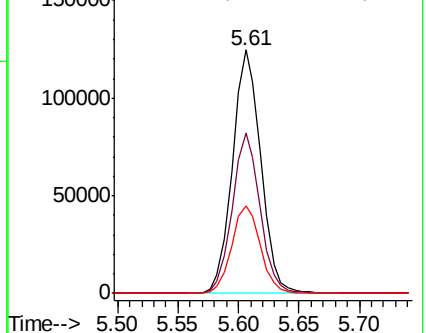
63 36.2 29.3 43.9



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: 5.869 ng

RT: 7.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BG038979.D

Acq: 7 Jan 2019 23:07

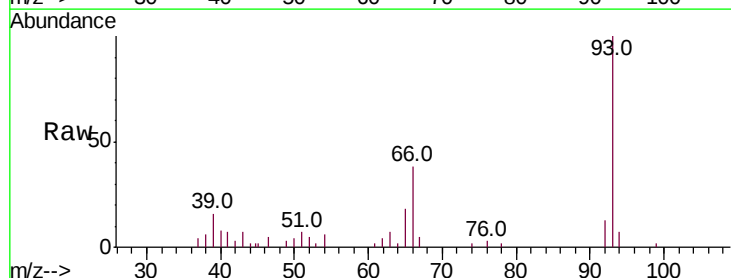
Tgt Ion: 93 Resp: 17598

Ion Ratio Lower Upper

93 100

66 38.5 31.7 47.5

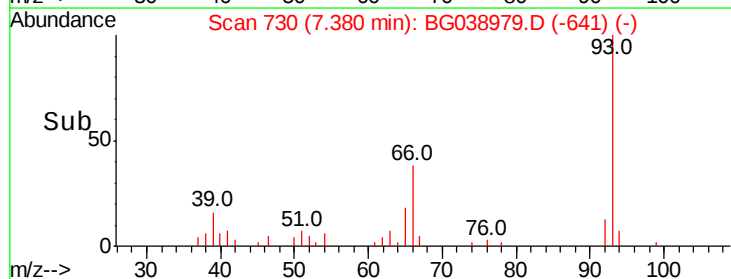
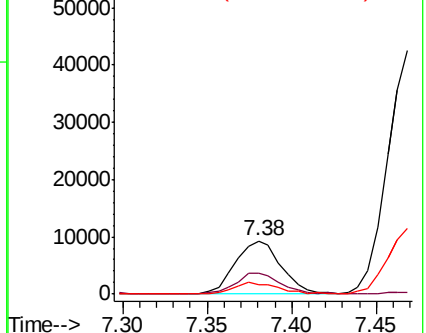
65 17.7 17.8 26.6#

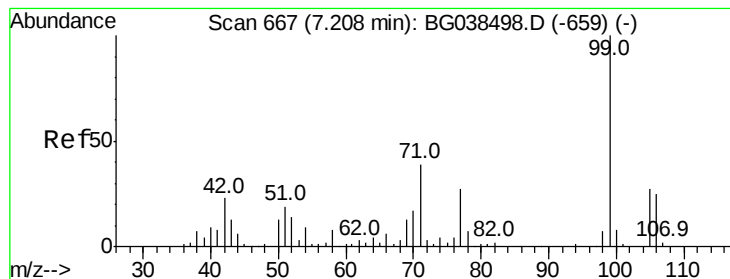


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 113.336 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038979.D

Acq: 7 Jan 2019 23:07

Instrument :

BNA_G

ClientSampleId :

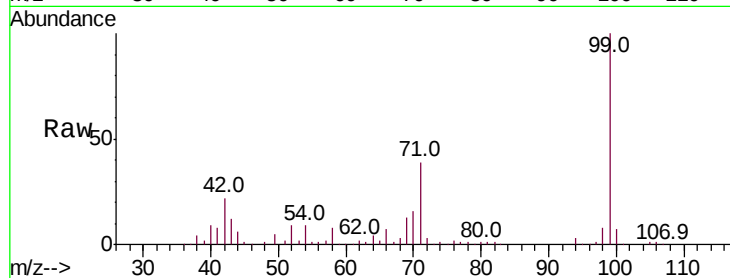
Tot Ion: 99 Resp: 266220

Ion Ratio Lower Upper

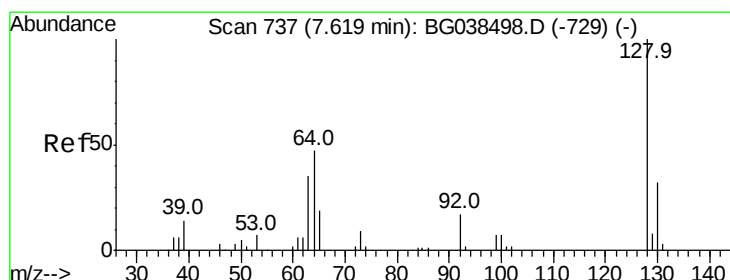
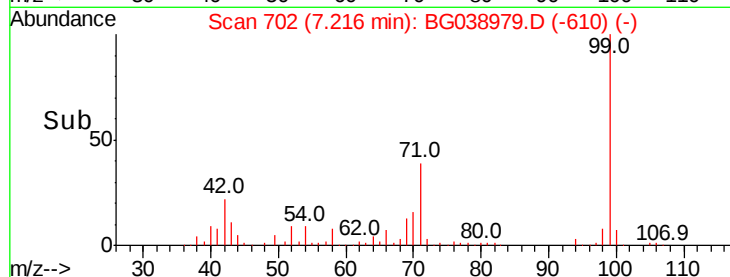
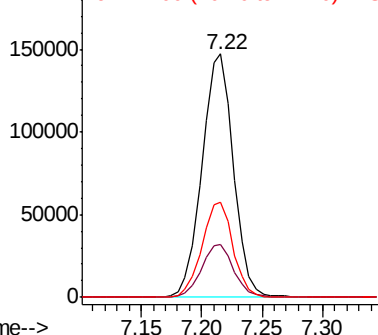
99 100

42 21.5 18.5 27.7

71 39.3 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: 40.899 ng

RT: 7.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BG038979.D

Acq: 7 Jan 2019 23:07

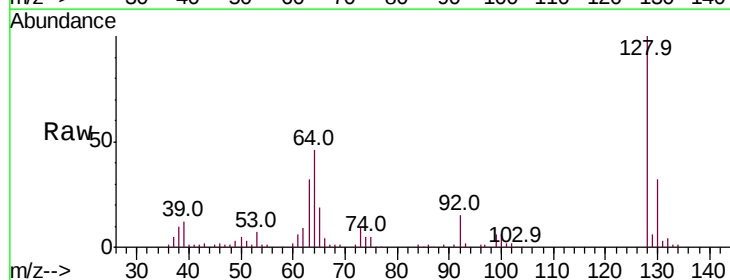
Tgt Ion: 128 Resp: 80984

Ion Ratio Lower Upper

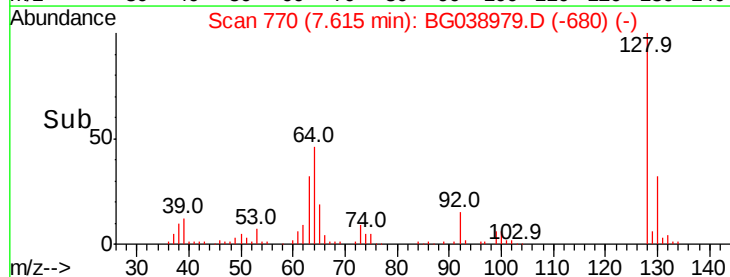
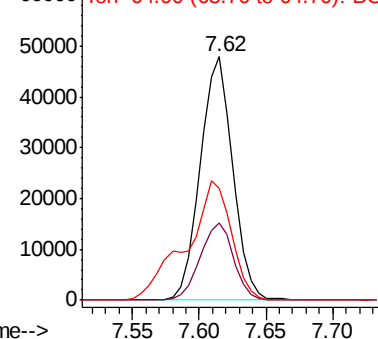
128 100

130 31.5 11.8 51.8

64 45.8 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: 15.942 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.02 min

Lab File: BG038979.D

Acq: 7 Jan 2019 23:07

Instrument :

BNA_G

ClientSampled :

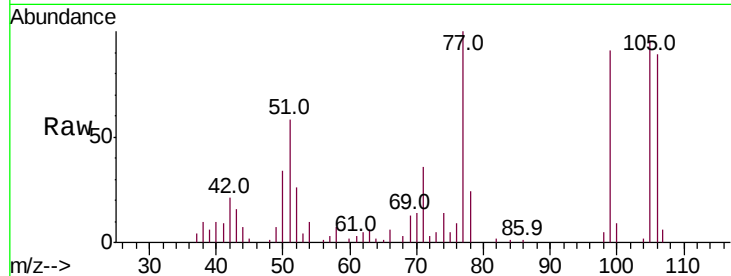
Tot Ion: 77 Resp: 24293

Ion Ratio Lower Upper

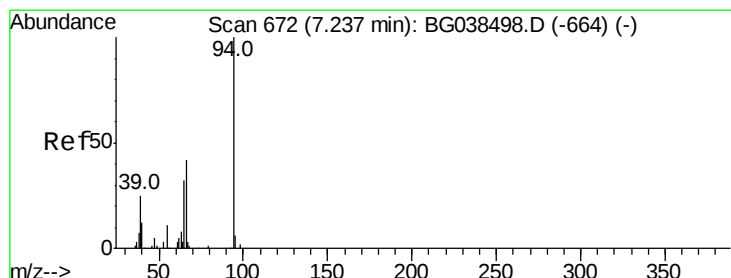
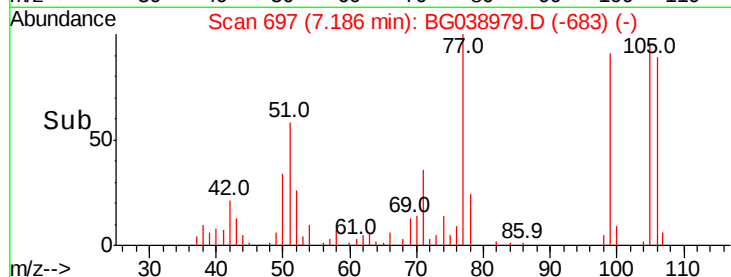
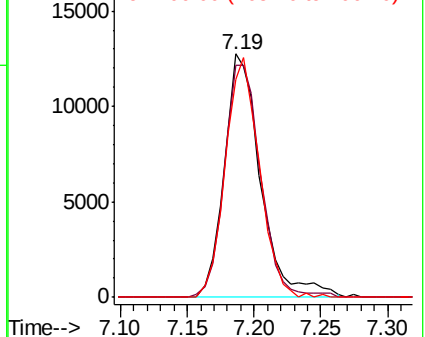
77 100

105 95.6 74.0 114.0

106 89.4 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: 35.379 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG038979.D

Acq: 7 Jan 2019 23:07

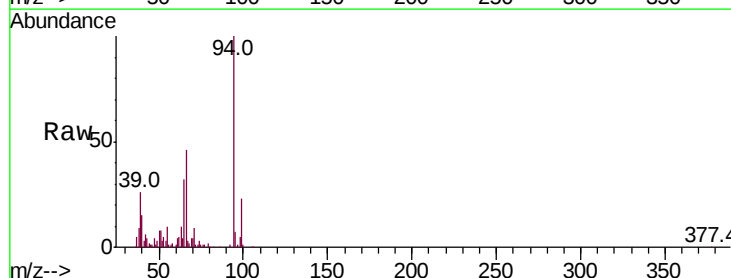
Tgt Ion: 94 Resp: 88288

Ion Ratio Lower Upper

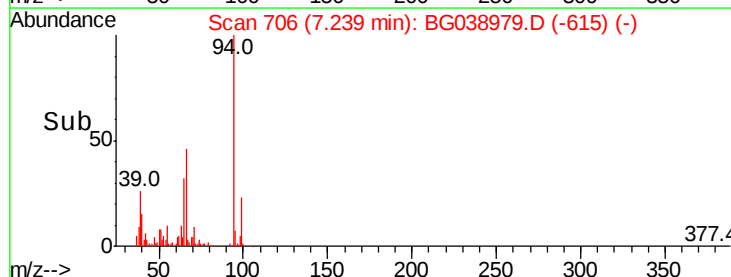
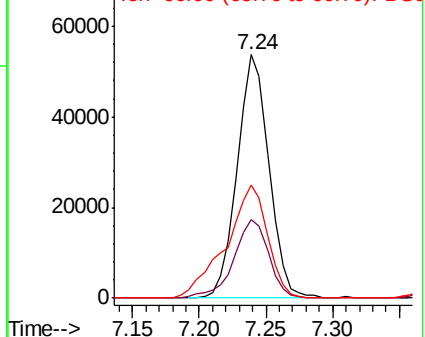
94 100

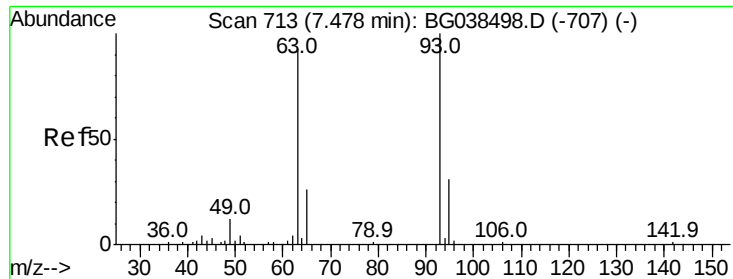
65 32.4 12.6 52.6

66 46.2 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

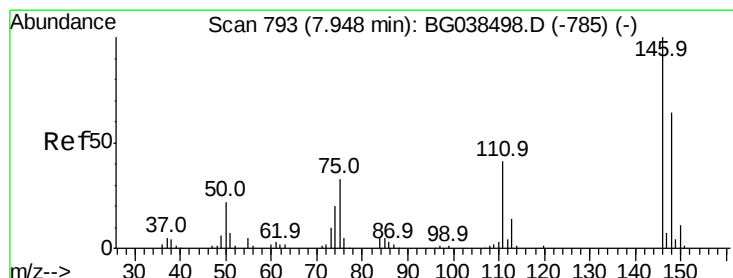
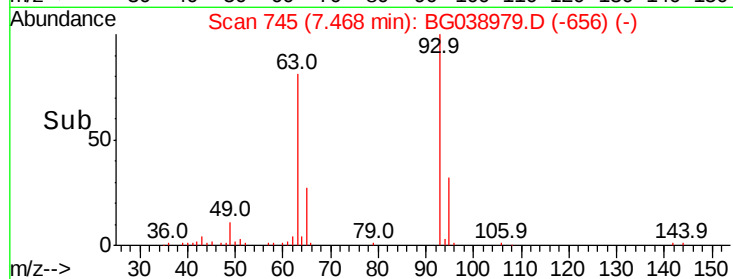
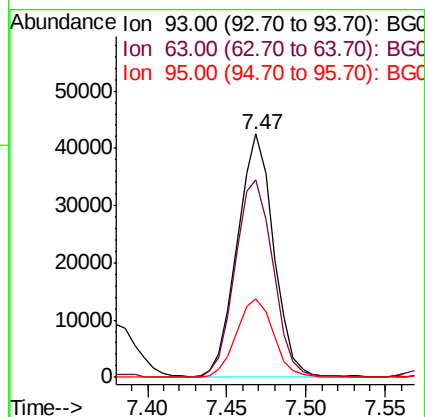
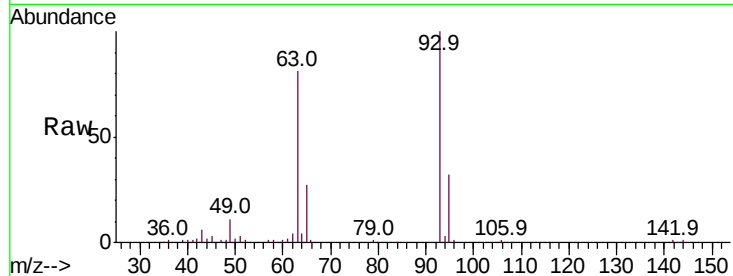




#11
 bis(2-Chloroethyl)ether
 Concen: 34.137 ng
 RT: 7.47 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BG038979.D
 Acq: 7 Jan 2019 23:07

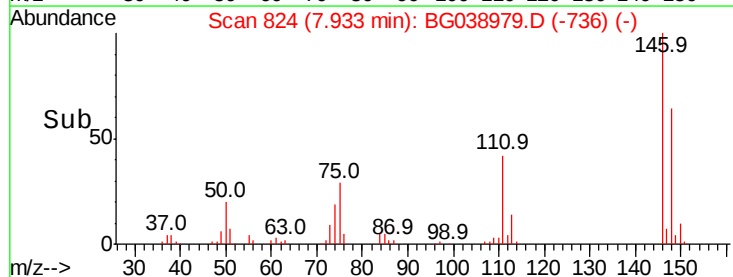
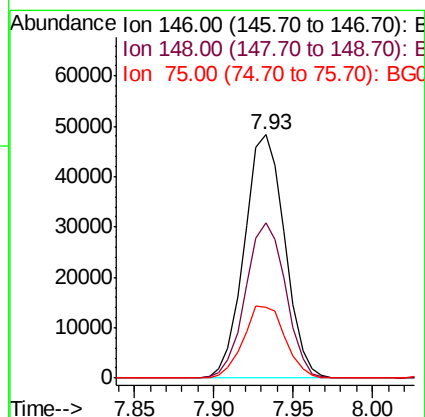
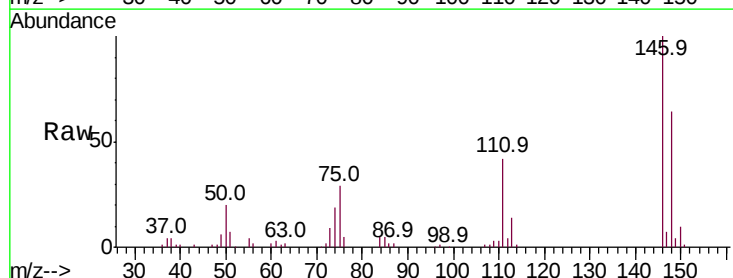
Instrument :
 BNA_G
 ClientSampleId :

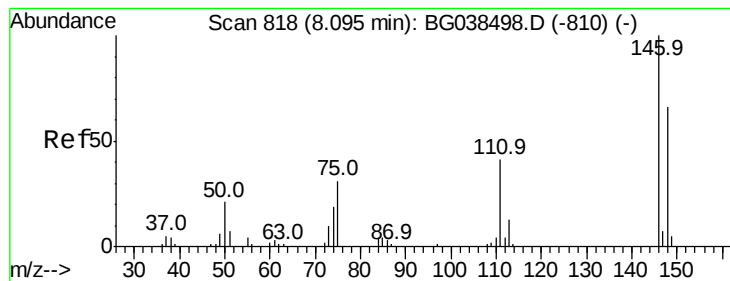
Tot Ion: 93 Resp: 67824
 Ion Ratio Lower Upper
 93 100
 63 81.1 72.2 112.2
 95 32.1 11.2 51.2



#12
 1,3-Dichlorobenzene
 Concen: 36.544 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BG038979.D
 Acq: 7 Jan 2019 23:07

Tgt Ion: 146 Resp: 85556
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.4 77.0
 75 29.3 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 37.206 ng

RT: 8.08 min Scan# 849

Delta R.T. -0.02 min

Lab File: BG038979.D

Acq: 7 Jan 2019 23:07

Instrument :

BNA_G

ClientSampleId :

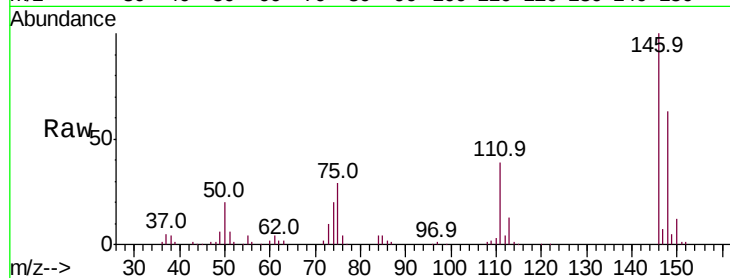
Tot Ion:146 Resp: 89212

Ion Ratio Lower Upper

146 100

148 63.2 52.4 78.6

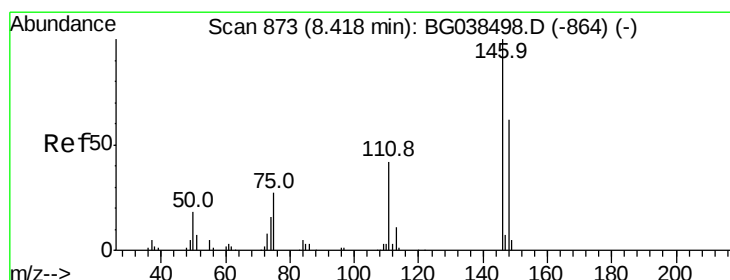
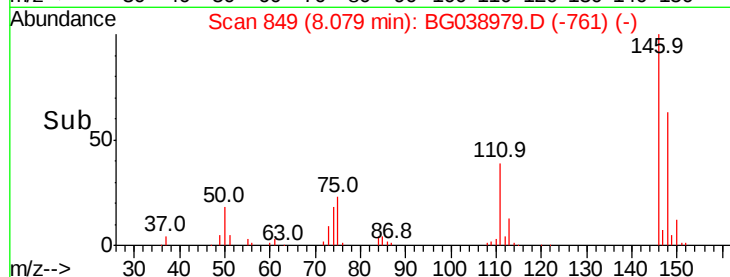
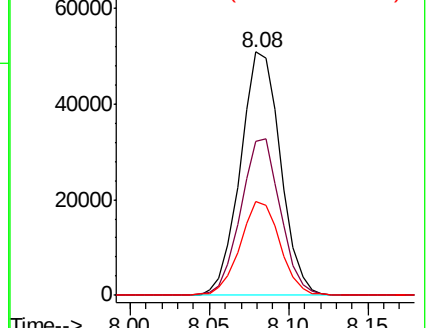
111 38.6 33.0 49.4



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: 37.935 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.02 min

Lab File: BG038979.D

Acq: 7 Jan 2019 23:07

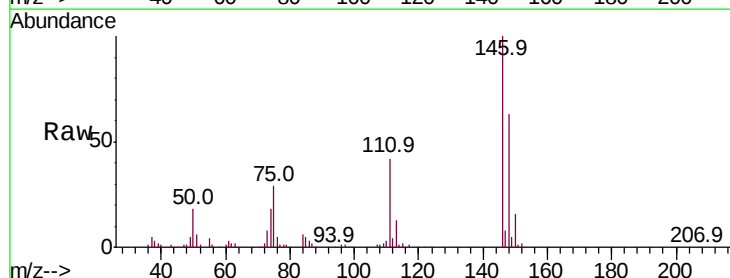
Tgt Ion:146 Resp: 85752

Ion Ratio Lower Upper

146 100

148 63.1 49.4 74.0

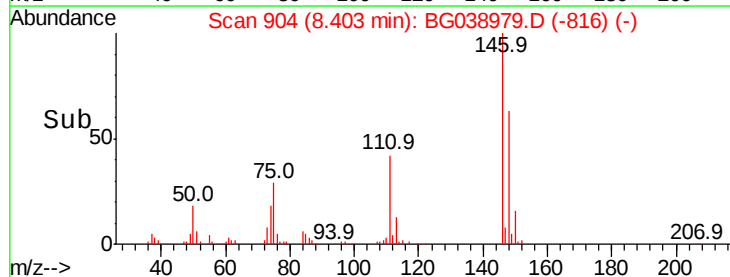
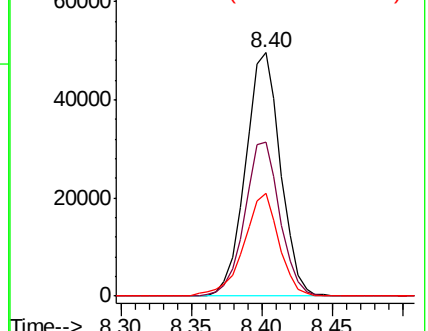
111 42.1 33.8 50.6



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: 39.373 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BG038979.D

Acq: 7 Jan 2019 23:07

Instrument :

BNA_G

ClientSampled :

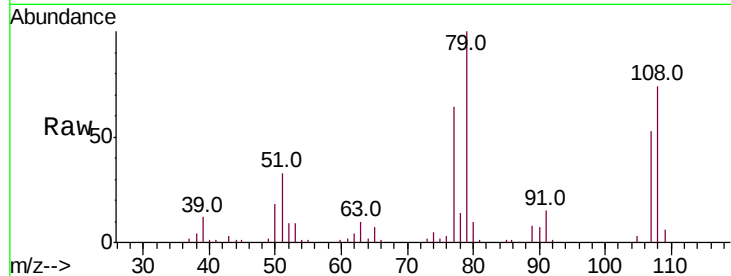
Tot Ion: 79 Resp: 72187

Ion Ratio Lower Upper

79 100

108 74.3 60.2 90.4

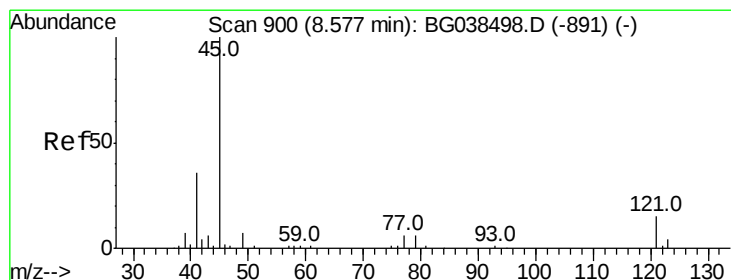
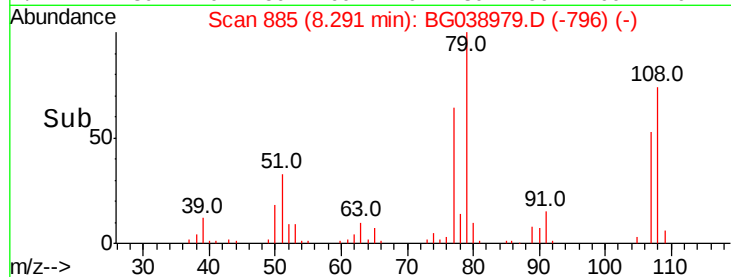
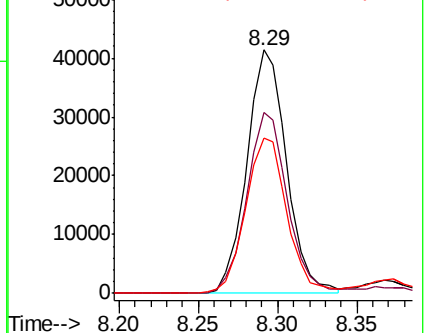
77 63.5 50.7 76.1



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: 31.101 ng

RT: 8.57 min Scan# 932

Delta R.T. -0.01 min

Lab File: BG038979.D

Acq: 7 Jan 2019 23:07

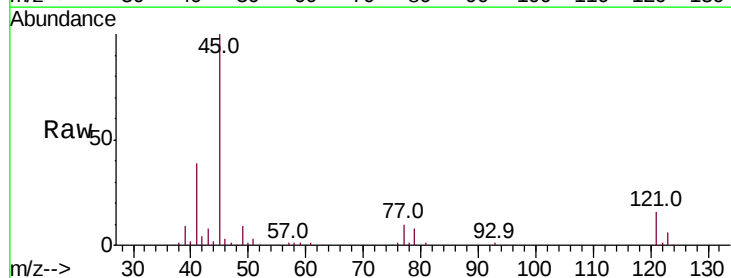
Tgt Ion: 45 Resp: 141551

Ion Ratio Lower Upper

45 100

77 10.4 0.0 28.2

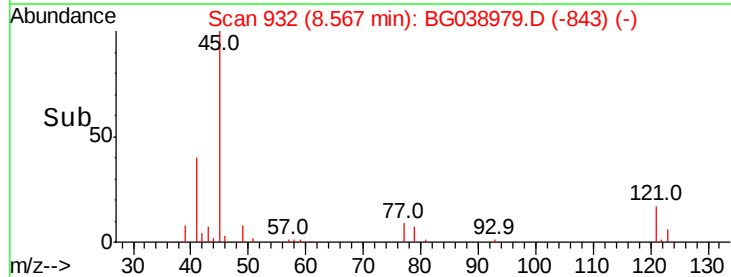
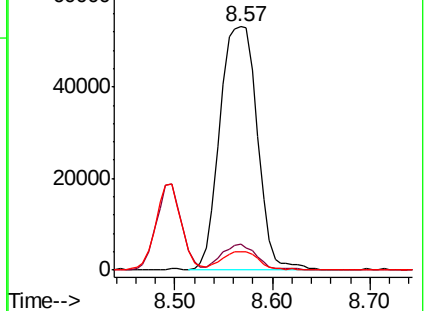
79 7.6 0.0 27.2



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

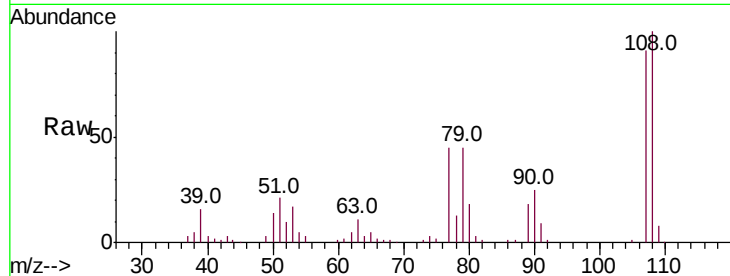




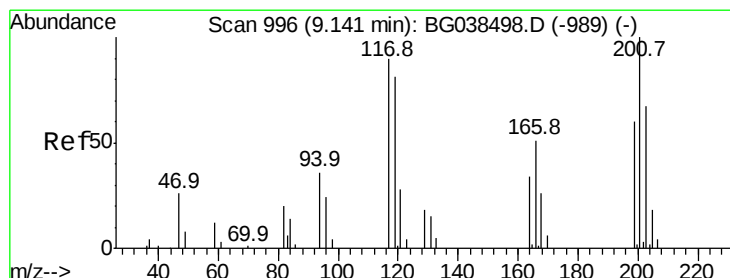
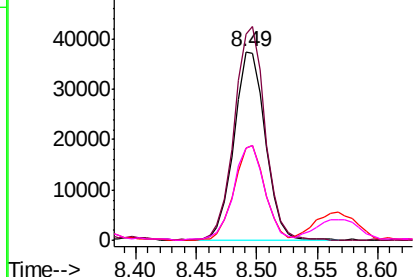
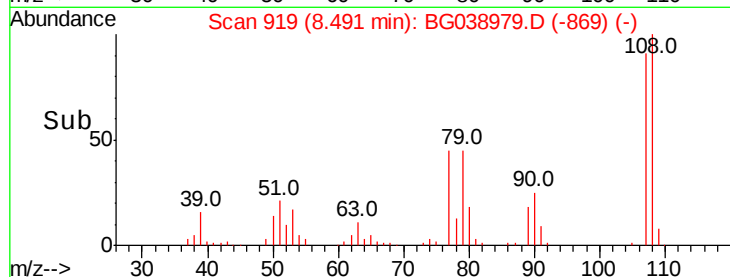
#17
2-Methylphenol
Concen: 40.666 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.00 min
Lab File: BG038979.D
Acq: 7 Jan 2019 23:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 67991
Ion Ratio Lower Upper
107 100
108 109.6 87.1 130.7
77 49.1 42.0 63.0
79 49.2 38.2 57.2

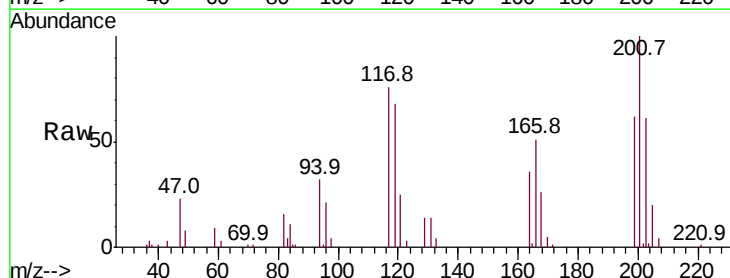


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

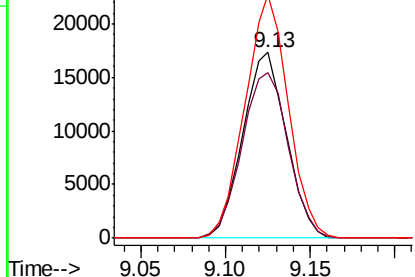
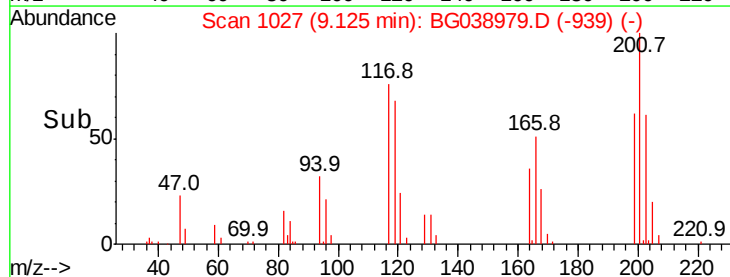


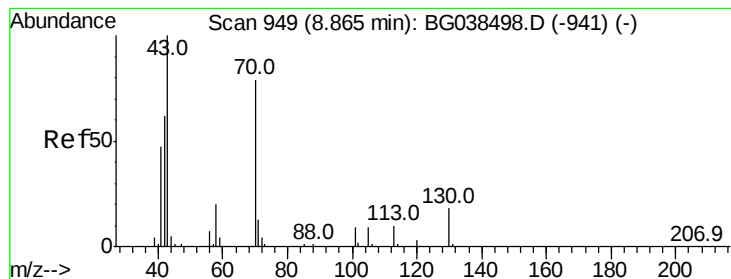
#18
Hexachloroethane
Concen: 35.493 ng
RT: 9.13 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG038979.D
Acq: 7 Jan 2019 23:07

Tgt Ion:117 Resp: 31098
Ion Ratio Lower Upper
117 100
119 88.9 73.8 110.8
201 133.9 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: 35.114 ng

RT: 8.86 min Scan# 981

Delta R.T. -0.01 min

Lab File: BG038979.D

Acq: 7 Jan 2019 23:07

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 57929

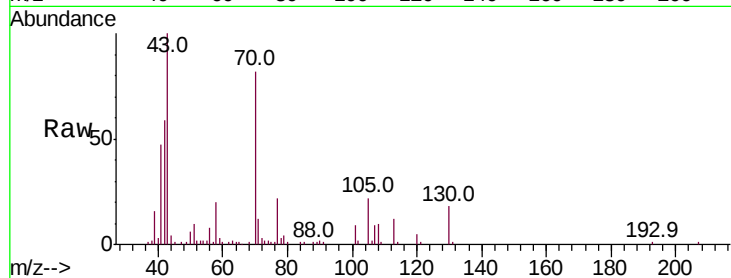
Ion Ratio Lower Upper

70 100

42 72.7 63.6 95.4

101 10.5 9.2 13.8

130 22.7 18.5 27.7

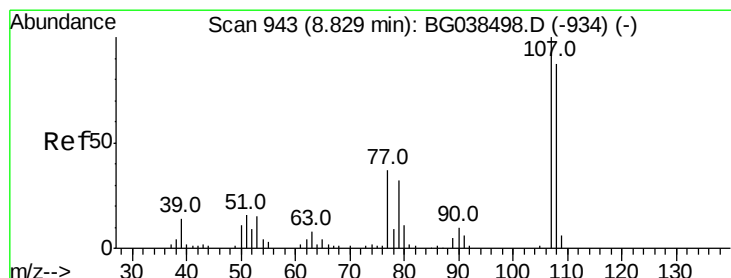
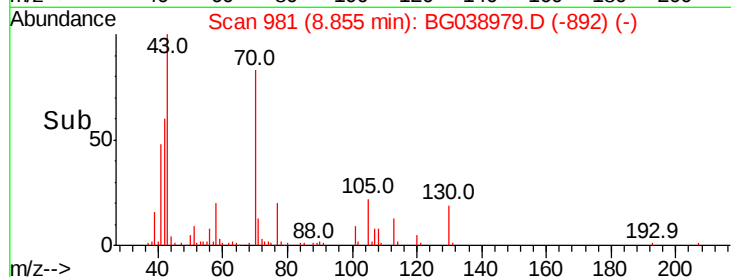
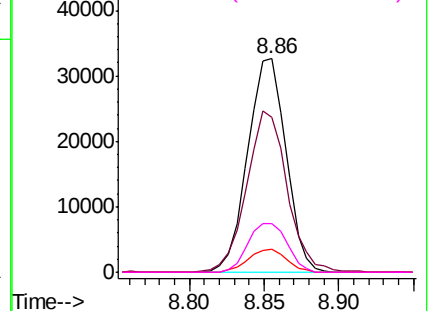


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 41.061 ng

RT: 8.83 min Scan# 976

Delta R.T. -0.00 min

Lab File: BG038979.D

Acq: 7 Jan 2019 23:07

Tgt Ion:107 Resp: 94812

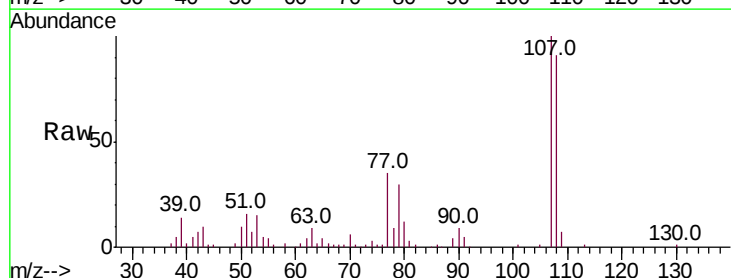
Ion Ratio Lower Upper

107 100

108 90.6 66.7 106.7

77 34.9 17.3 57.3

79 30.0 12.3 52.3

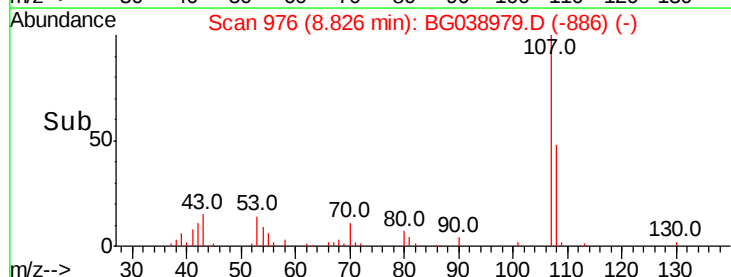
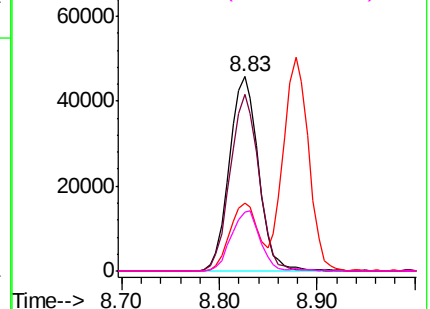


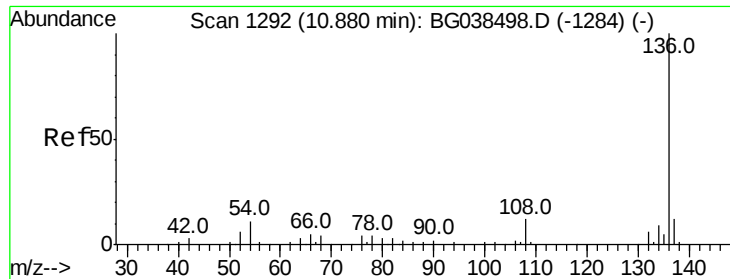
Abundance Ion 107.00 (106.70 to 107.70): BGC

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

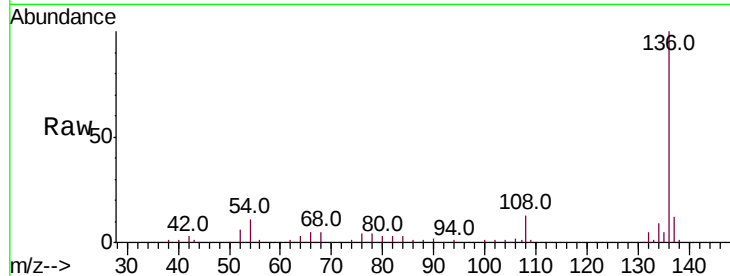




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG038979.D
Acq: 7 Jan 2019 23:07

Instrument :
BNA_G
ClientSampled :

Tot Ion:	136	Resp:	115378
Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.3	13.9
54	10.7	8.5	12.7
68	4.7	3.5	5.3



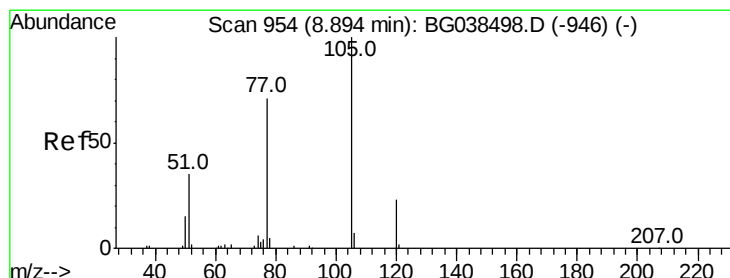
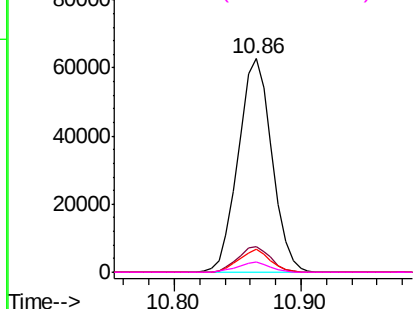
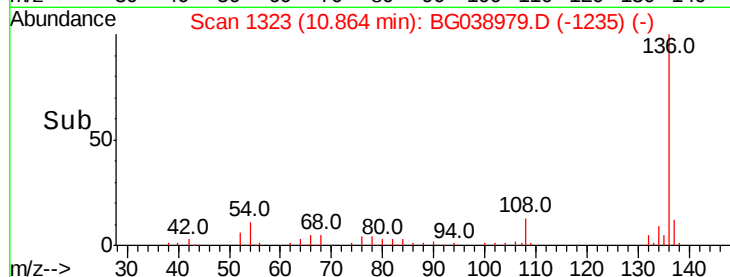
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

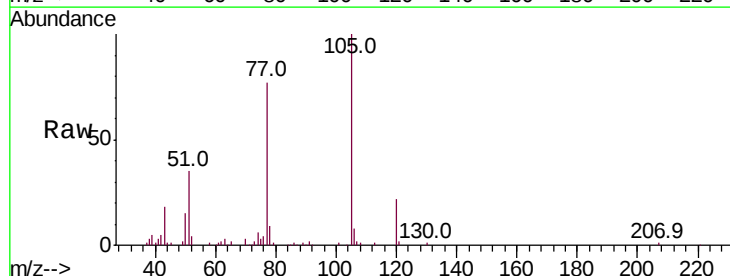
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 41.420 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG038979.D
Acq: 7 Jan 2019 23:07

Tgt Ion:	105	Resp:	119367
Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.4	0.6#
51	35.5	30.6	46.0
120	22.3	18.6	28.0



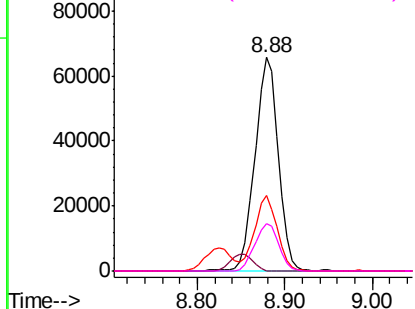
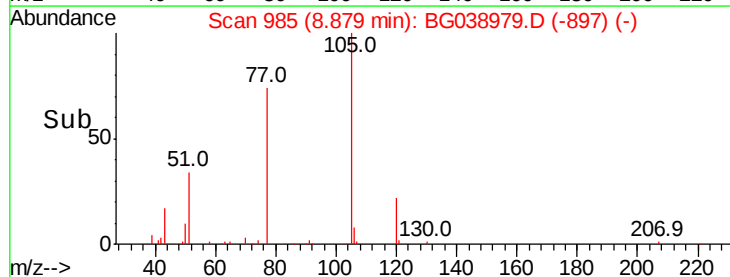
Abundance

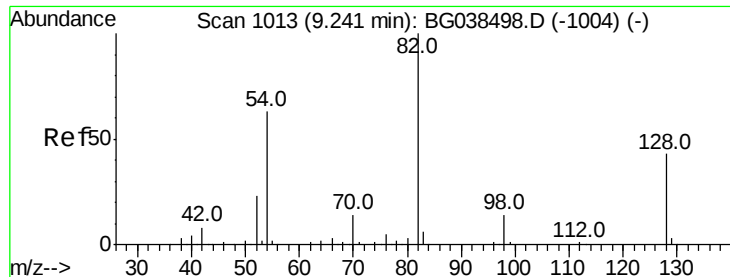
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

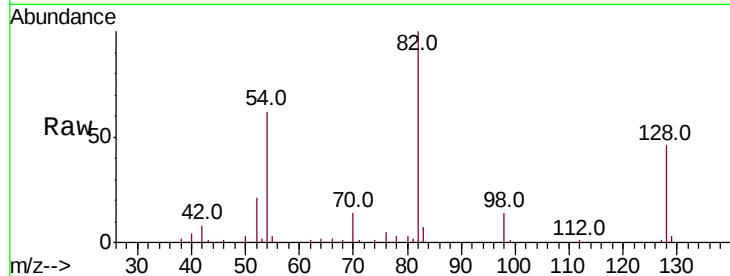




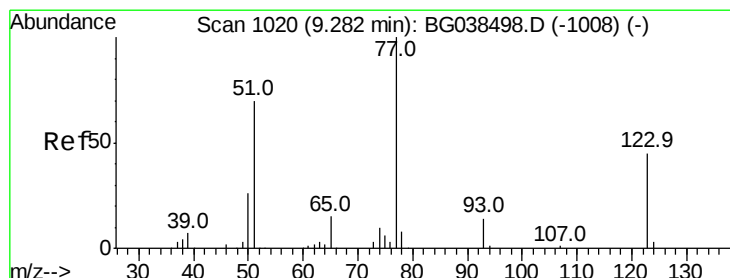
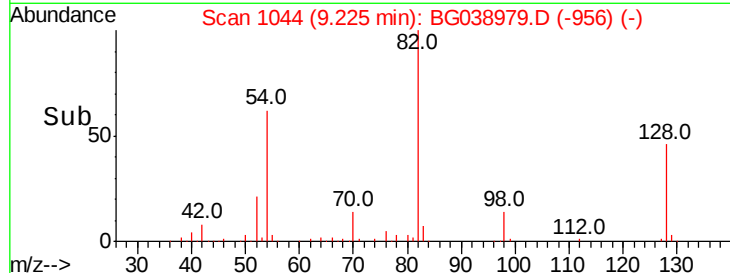
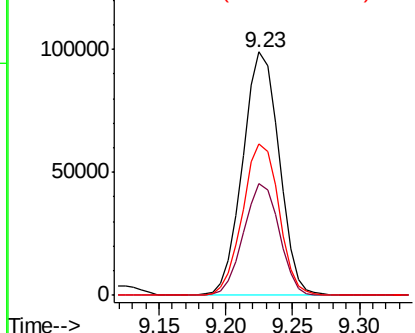
#23
 Nitrobenzene-d5
 Concen: 82.820 ng
 RT: 9.23 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG038979.D
 Acq: 7 Jan 2019 23:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 187045
 Ion Ratio Lower Upper
 82 100
 128 46.1 34.6 52.0
 54 62.3 50.6 76.0

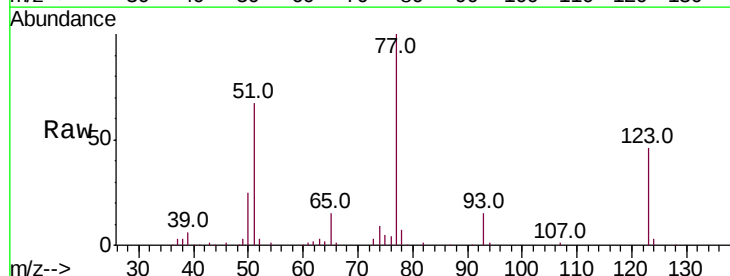


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

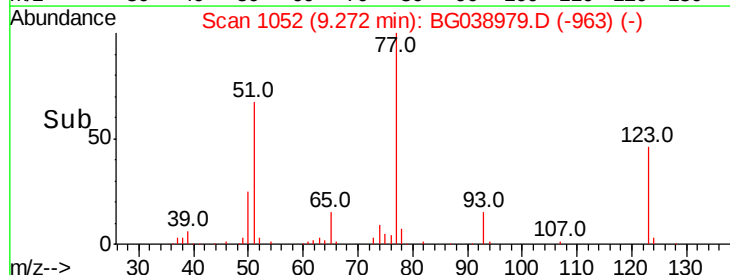
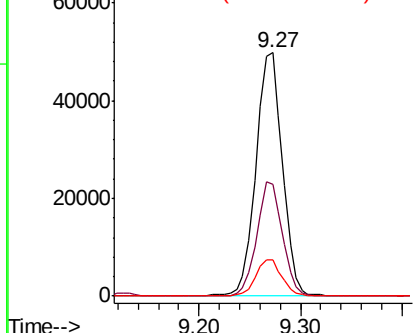


#24
 Nitrobenzene
 Concen: 39.484 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BG038979.D
 Acq: 7 Jan 2019 23:07

Tgt Ion: 77 Resp: 90210
 Ion Ratio Lower Upper
 77 100
 123 46.1 35.9 53.9
 65 15.1 12.0 18.0



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

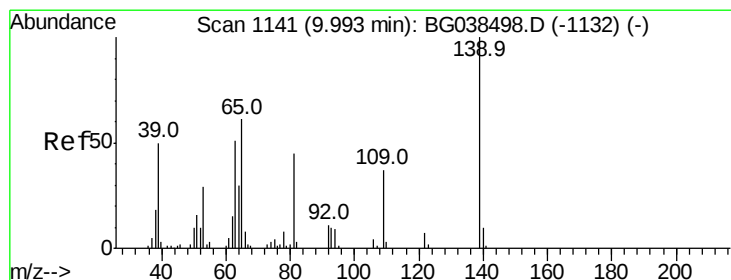
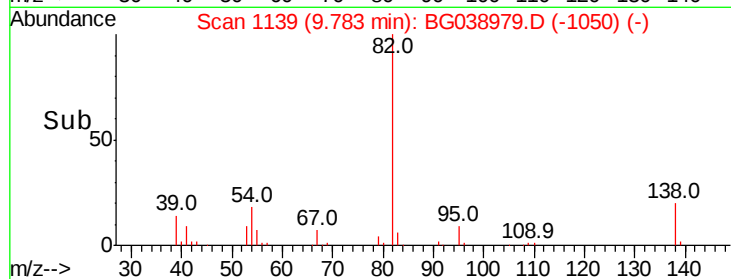
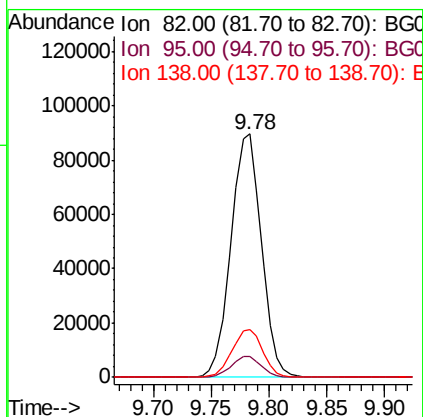
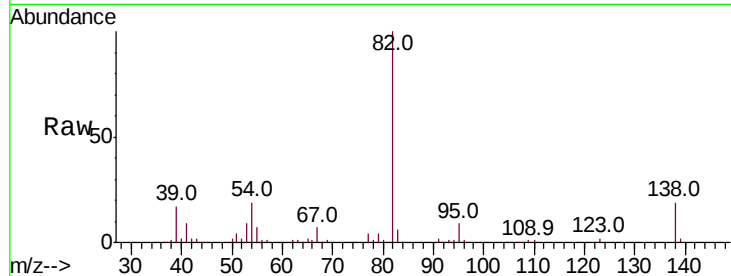




#25
Isophorone
Concen: 40.424 ng
RT: 9.78 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG038979.D
Acq: 7 Jan 2019 23:07

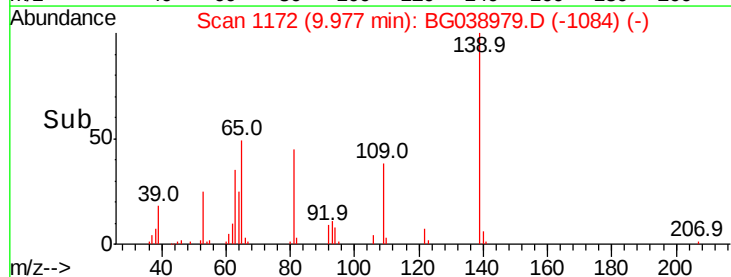
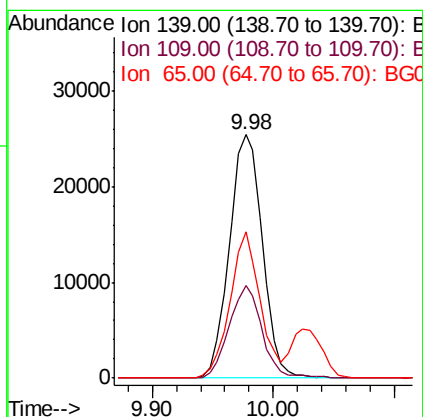
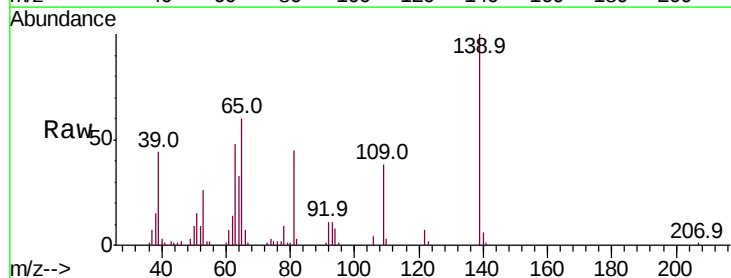
Instrument :
BNA_G
ClientSampleId :

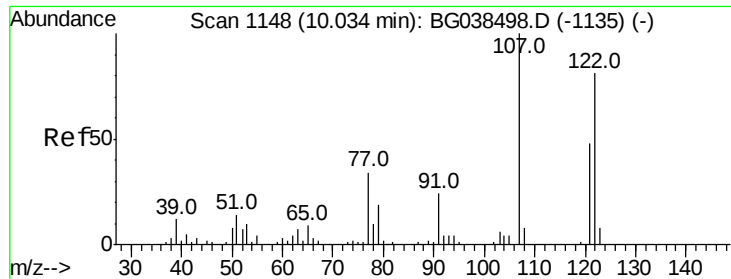
Tot Ion: 82 Resp: 164033
Ion Ratio Lower Upper
82 100
95 8.8 6.1 9.1
138 19.4 14.9 22.3



#26
2-Nitrophenol
Concen: 41.318 ng
RT: 9.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BG038979.D
Acq: 7 Jan 2019 23:07

Tgt Ion:139 Resp: 48316
Ion Ratio Lower Upper
139 100
109 38.2 29.5 44.3
65 60.0 48.5 72.7

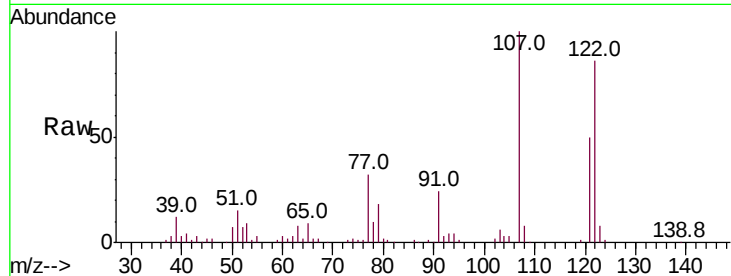




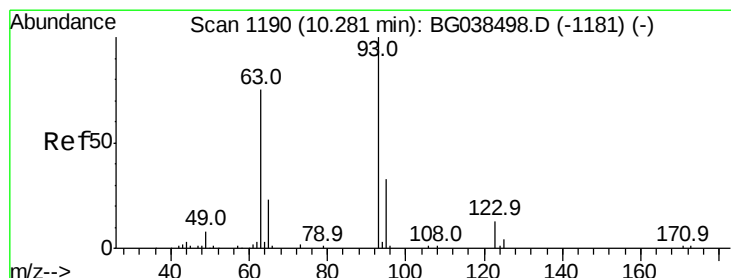
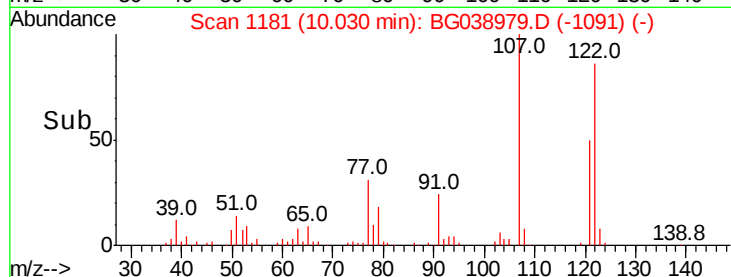
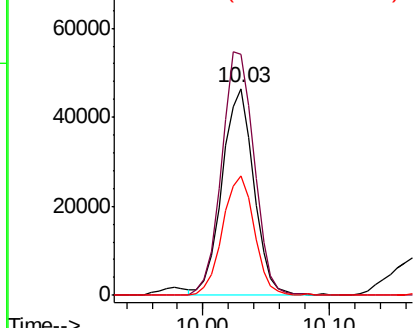
#27
 2,4-Dimethylphenol
 Concen: 48.084 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BG038979.D
 Acq: 7 Jan 2019 23:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 80584
 Ion Ratio Lower Upper
 122 100
 107 116.3 98.4 147.6
 121 58.0 47.2 70.8

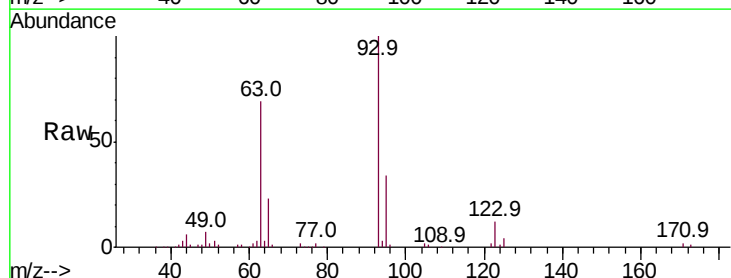


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

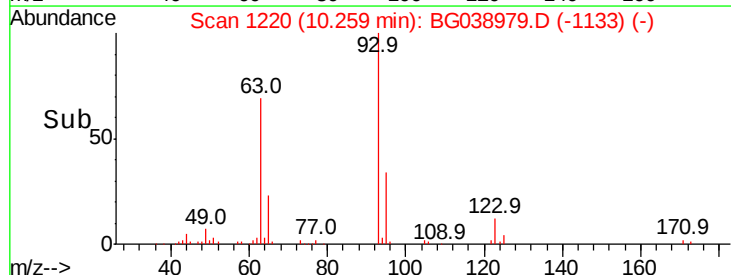
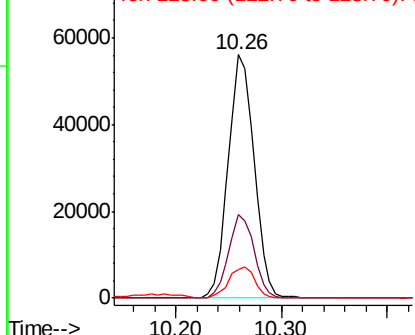


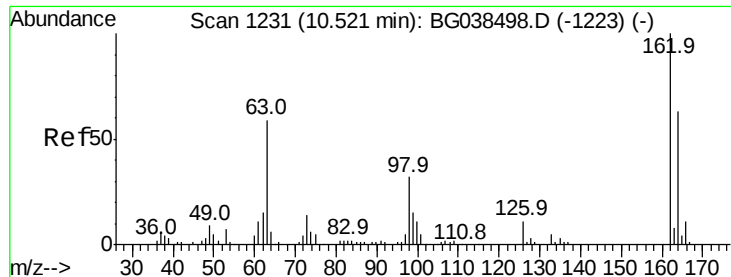
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.651 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.02 min
 Lab File: BG038979.D
 Acq: 7 Jan 2019 23:07

Tgt Ion: 93 Resp: 95378
 Ion Ratio Lower Upper
 93 100
 95 34.3 26.6 40.0
 123 11.7 10.6 16.0



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

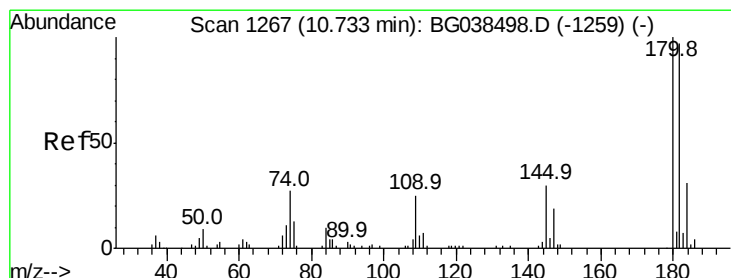
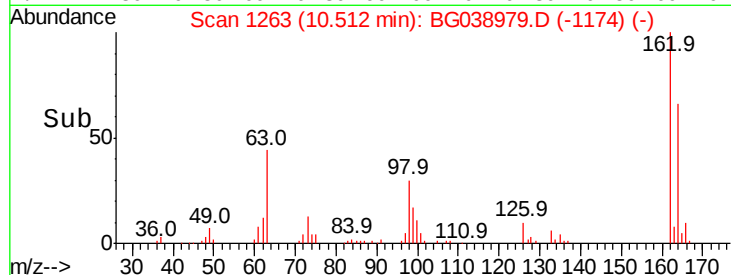
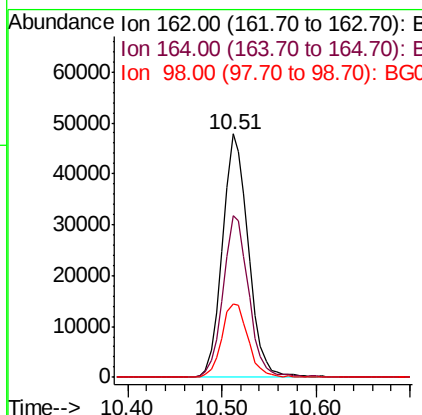
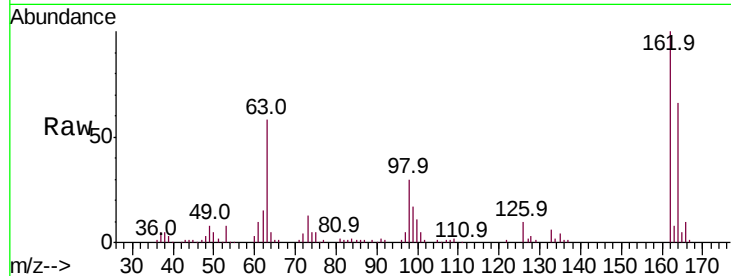




#29
 2,4-Dichlorophenol
 Concen: 49.048 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BG038979.D
 Acq: 7 Jan 2019 23:07

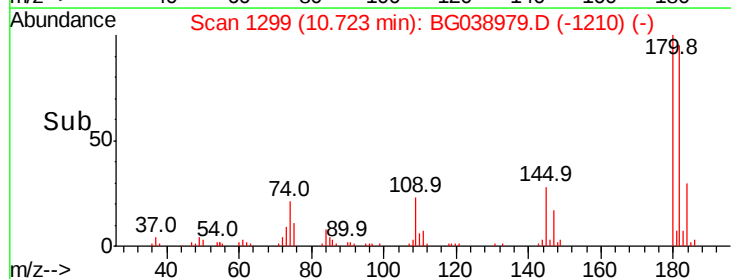
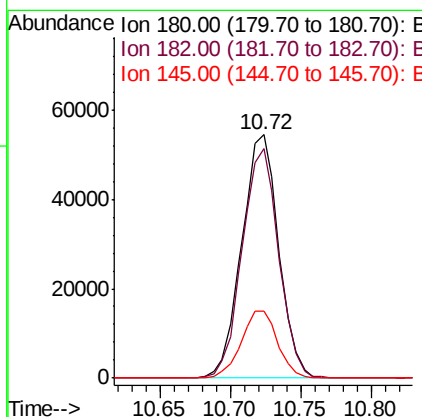
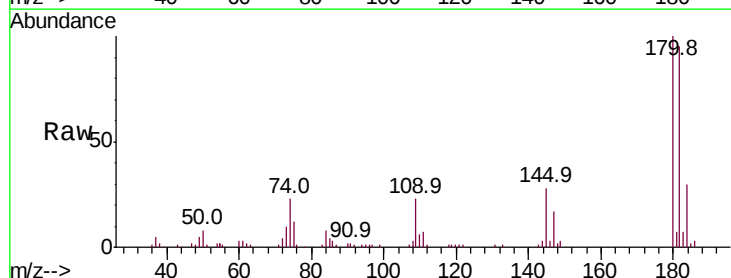
Instrument :
 BNA_G
 ClientSampleId :

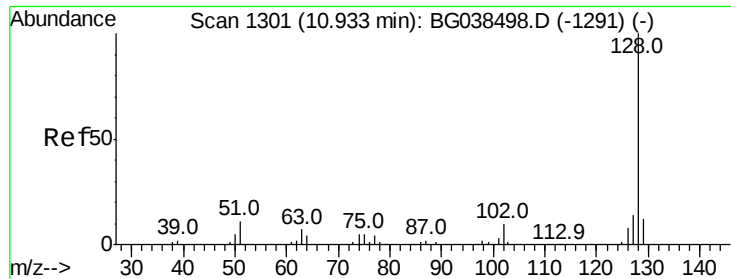
Tot Ion:162 Resp: 91446
 Ion Ratio Lower Upper
 162 100
 164 66.4 42.9 82.9
 98 30.1 12.1 52.1



#30
 1,2,4-Trichlorobenzene
 Concen: 44.273 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BG038979.D
 Acq: 7 Jan 2019 23:07

Tgt Ion:180 Resp: 99704
 Ion Ratio Lower Upper
 180 100
 182 94.5 77.4 116.0
 145 27.6 24.1 36.1

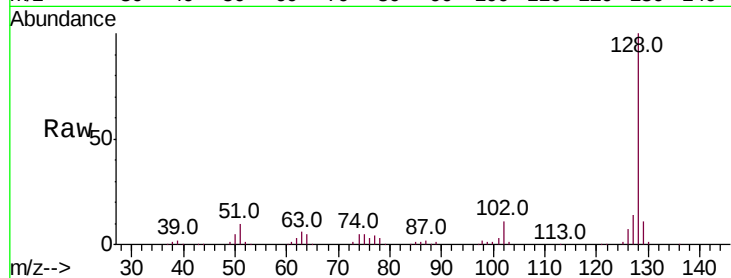




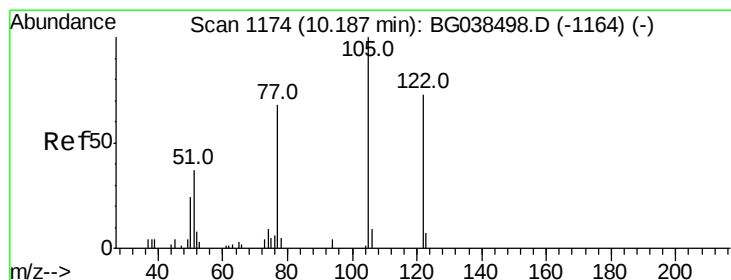
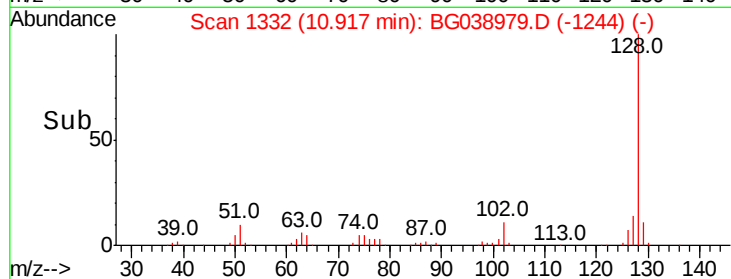
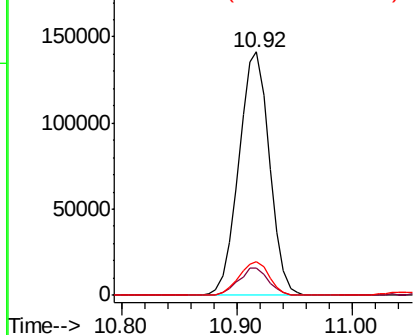
#31
Naphthalene
Concen: 45.713 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG038979.D
Acq: 7 Jan 2019 23:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.5	14.3
127	13.9	10.9	16.3

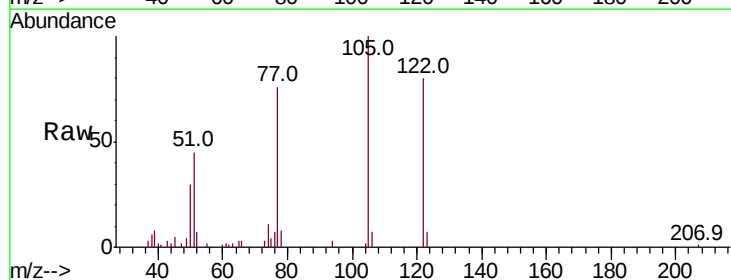


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

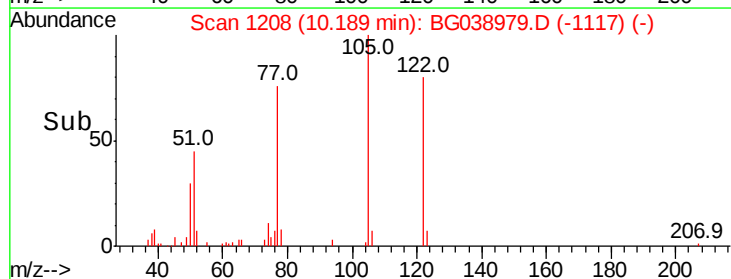
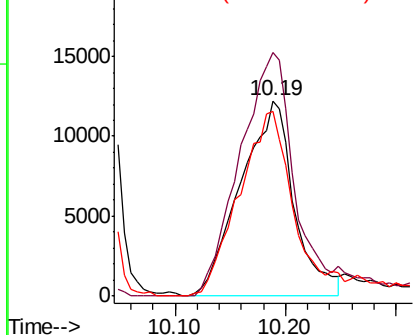


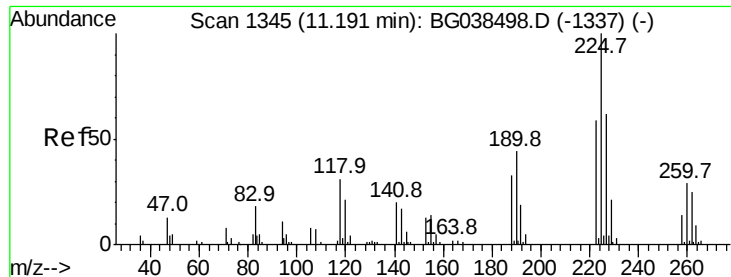
#32
Benzoic acid
Concen: 40.852 ng
RT: 10.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BG038979.D
Acq: 7 Jan 2019 23:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.8	116.7	156.7
77	94.7	72.5	112.5



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

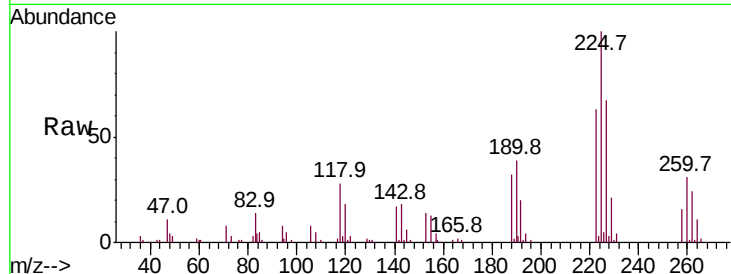




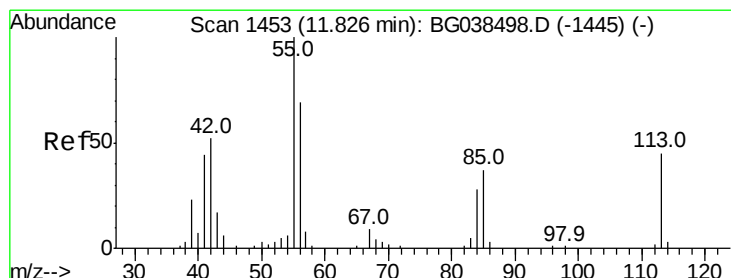
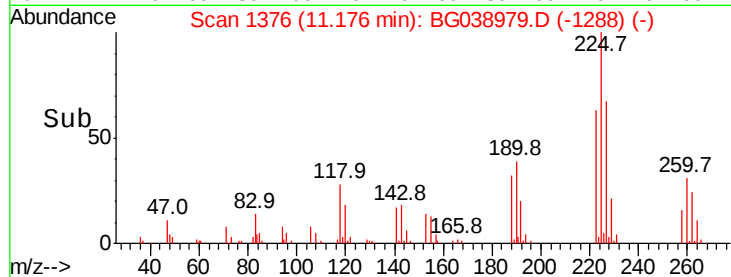
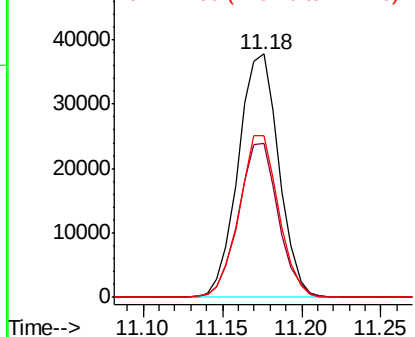
#34
Hexachlorobutadiene
Concen: 43.960 ng
RT: 11.18 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG038979.D
Acq: 7 Jan 2019 23:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:225 Resp: 66988
Ion Ratio Lower Upper
225 100
223 60.1 45.0 67.6
227 66.2 50.6 75.8

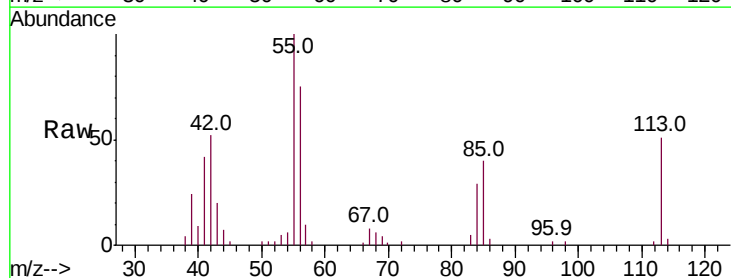


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

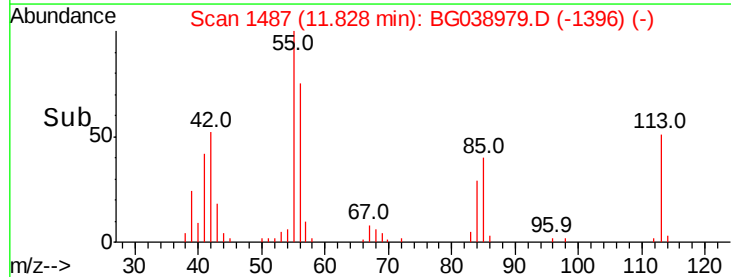
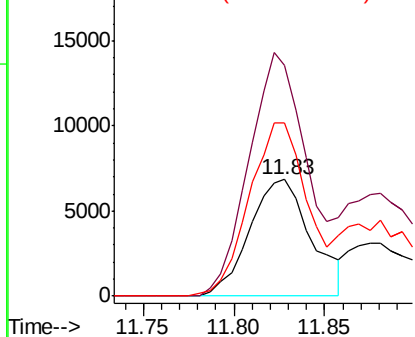


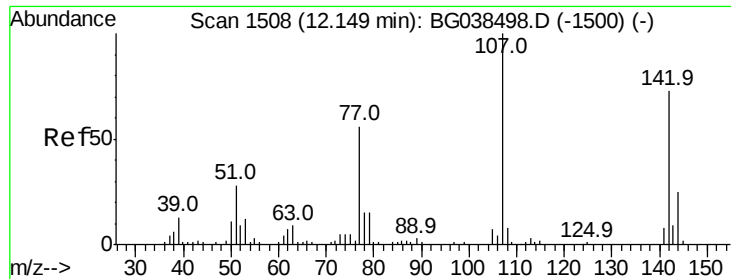
#35
Caprolactam
Concen: 20.900 ng
RT: 11.83 min Scan# 1487
Delta R.T. 0.00 min
Lab File: BG038979.D
Acq: 7 Jan 2019 23:07

Tgt Ion:113 Resp: 16126
Ion Ratio Lower Upper
113 100
55 197.5 204.3 244.3#
56 148.3 135.0 175.0



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

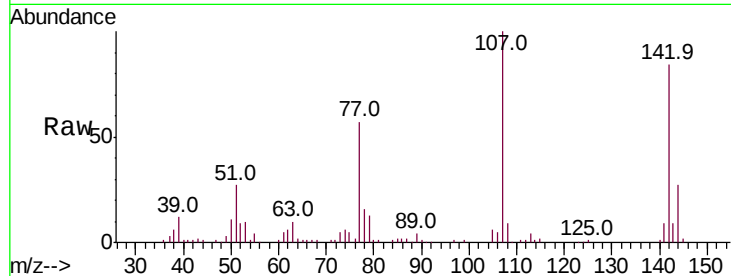




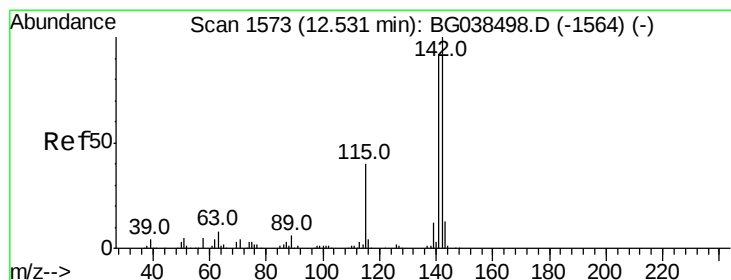
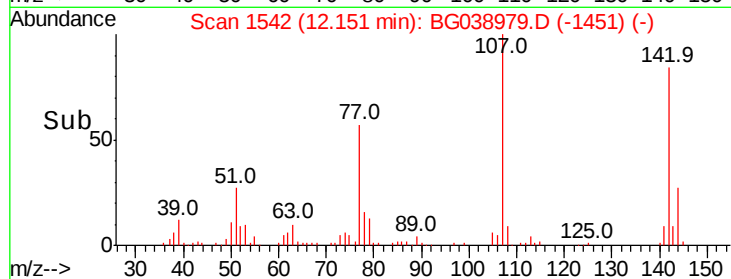
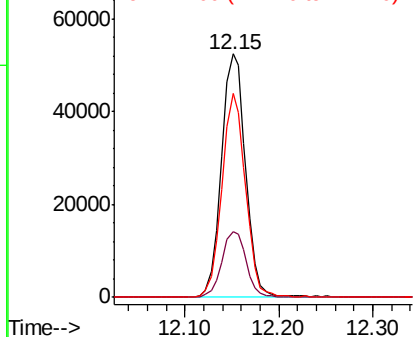
#36
 4-Chloro-3-methylphenol
 Concen: 44.096 ng
 RT: 12.15 min Scan# 1542
 Delta R.T. 0.00 min
 Lab File: BG038979.D
 Acq: 7 Jan 2019 23:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:107 Resp: 93818
 Ion Ratio Lower Upper
 107 100
 144 26.9 20.1 30.1
 142 83.7 58.7 88.1

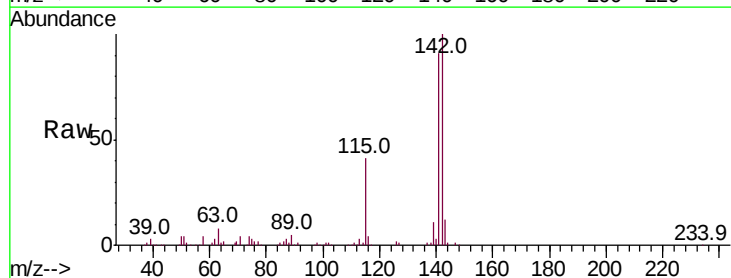


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

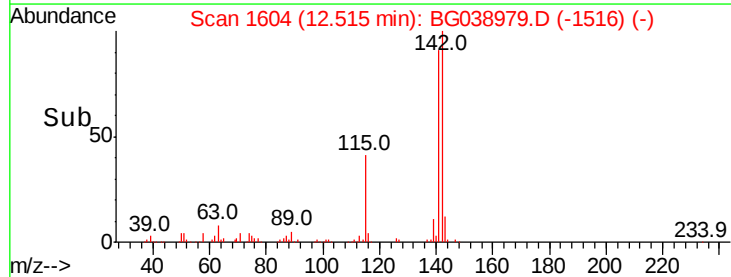
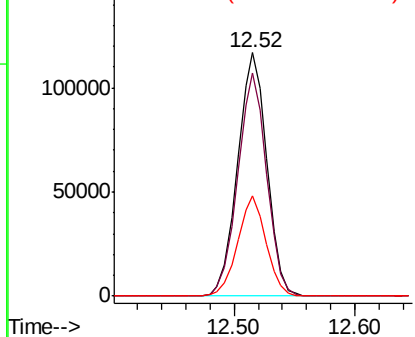


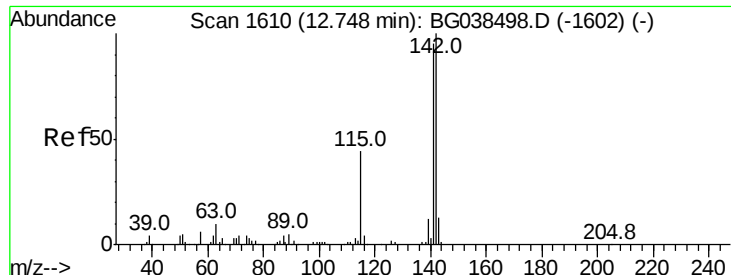
#37
 2-Methylnaphthalene
 Concen: 48.503 ng
 RT: 12.52 min Scan# 1604
 Delta R.T. -0.02 min
 Lab File: BG038979.D
 Acq: 7 Jan 2019 23:07

Tgt Ion:142 Resp: 196708
 Ion Ratio Lower Upper
 142 100
 141 91.4 73.5 110.3
 115 41.2 31.7 47.5



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

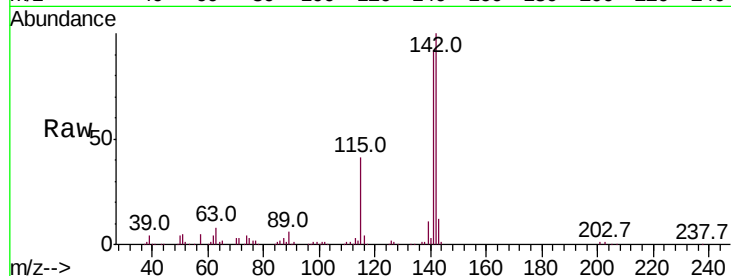




#38
1-Methylnaphthalene
Concen: 48.481 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.02 min
Lab File: BG038979.D
Acq: 7 Jan 2019 23:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.3	75.8	113.8
116	4.1	3.6	5.4

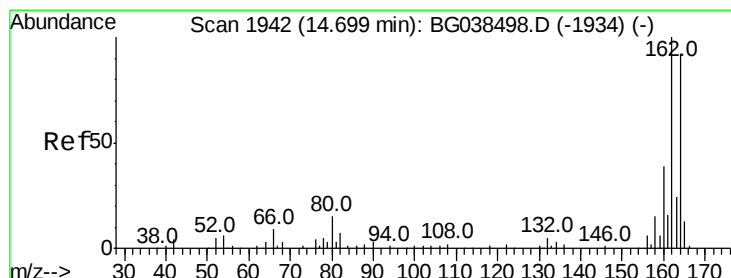
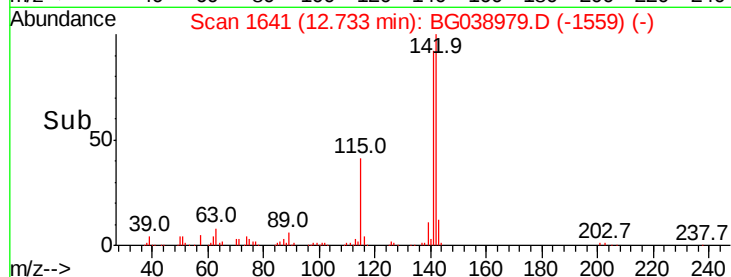
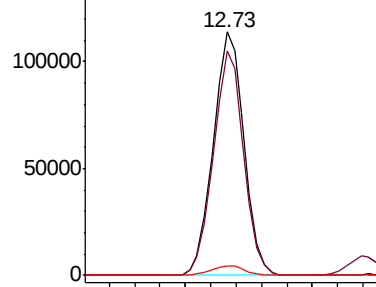


Abundance

Ion 142.00 (141.70 to 142.70): E

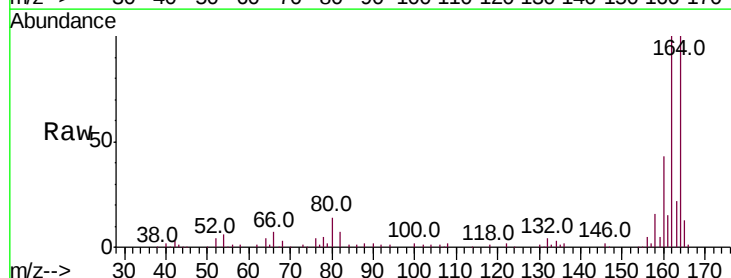
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG038979.D
Acq: 7 Jan 2019 23:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.9	86.6	130.0
160	42.9	34.2	51.2

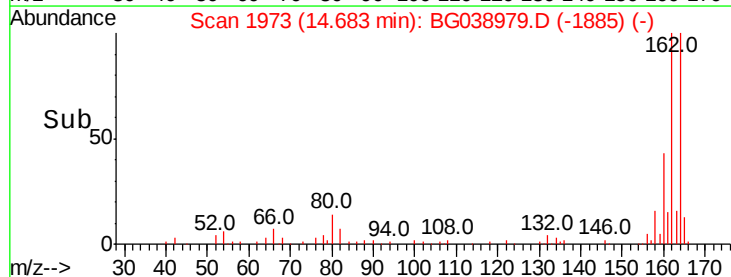
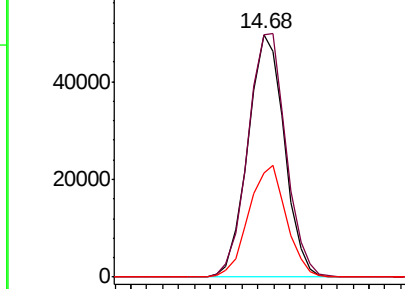


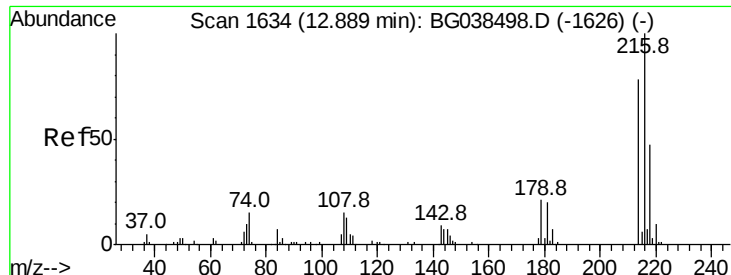
Abundance

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: 41.695 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BG038979.D

Acq: 7 Jan 2019 23:07

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 123483

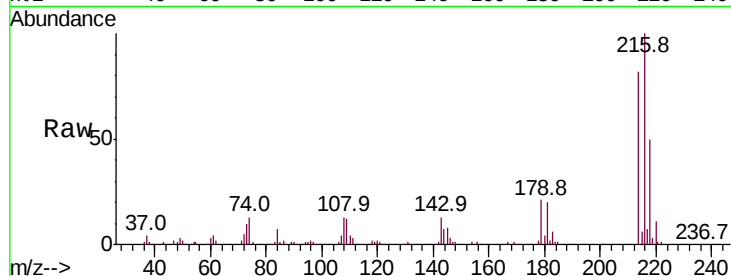
Ion Ratio Lower Upper

216 100

214 80.6 64.1 96.1

179 20.5 16.4 24.6

108 16.4 13.9 20.9

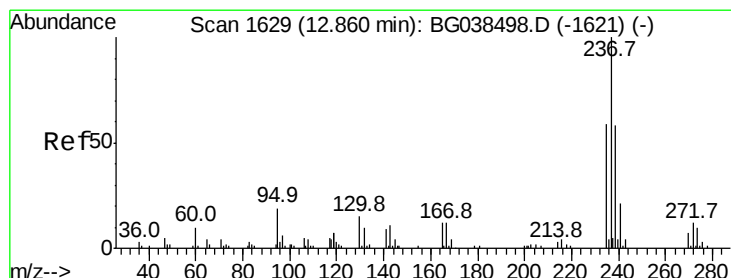
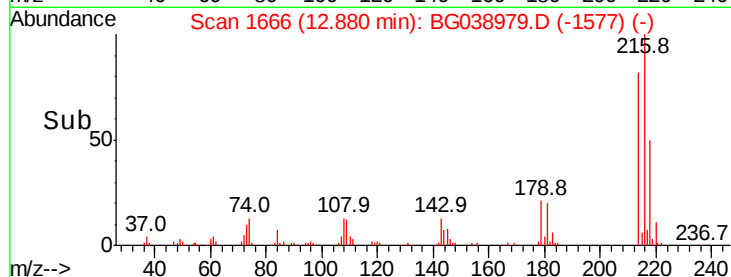
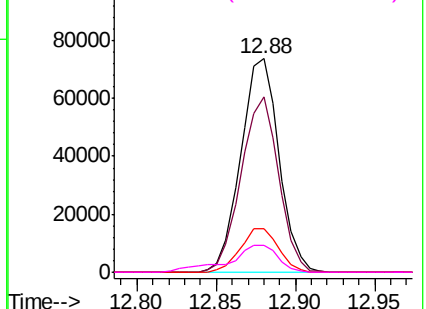


Abundance Ion 216.00 (215.70 to 216.70): E

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: 91.006 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BG038979.D

Acq: 7 Jan 2019 23:07

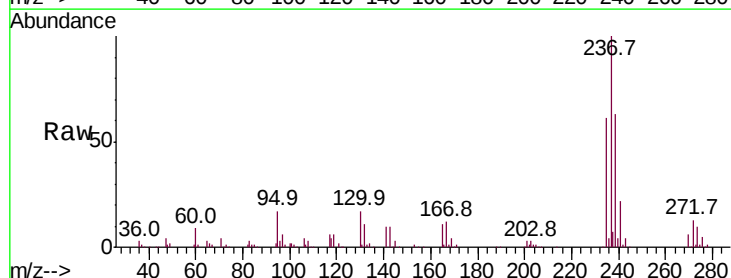
Tgt Ion:237 Resp: 148075

Ion Ratio Lower Upper

237 100

235 61.3 38.8 78.8

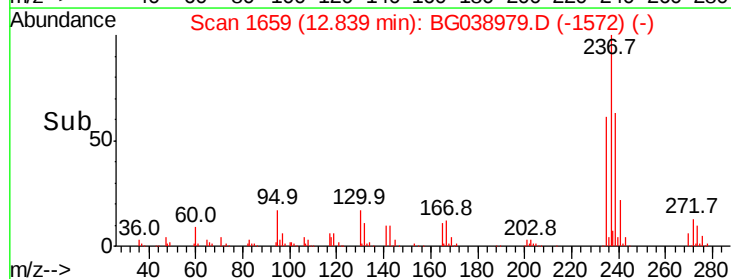
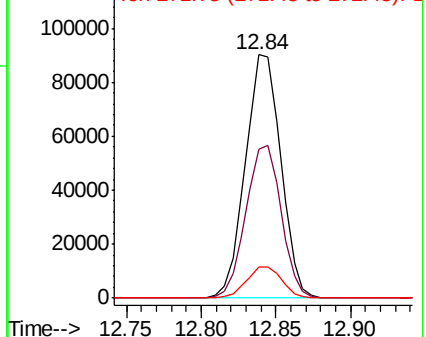
272 13.0 0.0 32.0

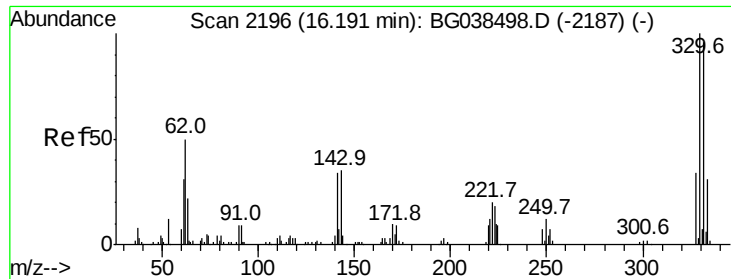


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

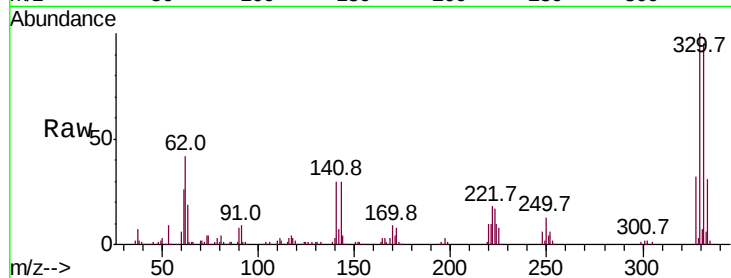




#42
 2,4,6-Tribromophenol
 Concen: 158.666 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BG038979.D
 Acq: 7 Jan 2019 23:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.9	115.3
141	32.1	28.8	43.2

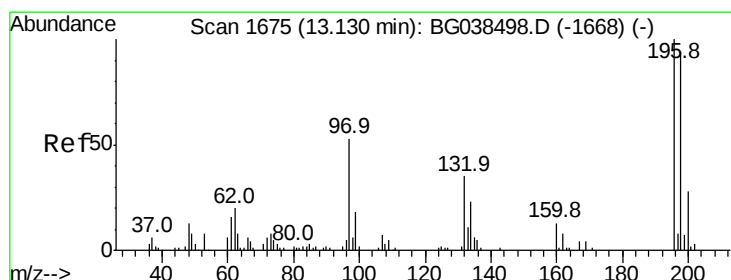
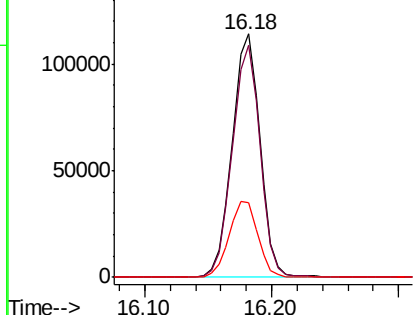
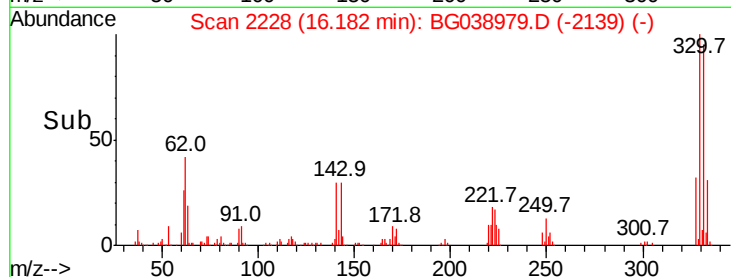


Abundance

Ion 329.80 (329.50 to 330.50): E

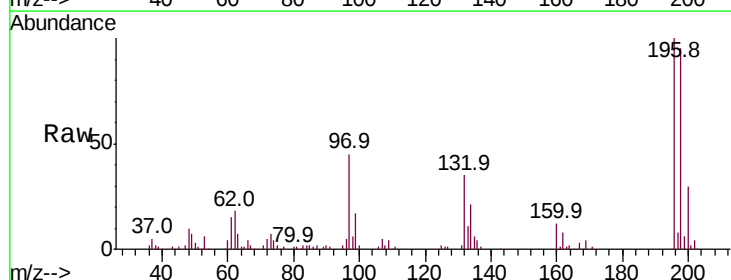
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43
 2,4,6-Trichlorophenol
 Concen: 47.364 ng
 RT: 13.13 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG038979.D
 Acq: 7 Jan 2019 23:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	75.0	112.4
200	29.6	22.4	33.6

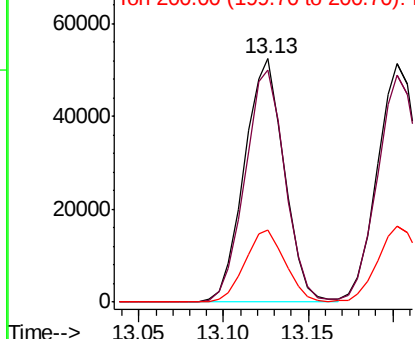
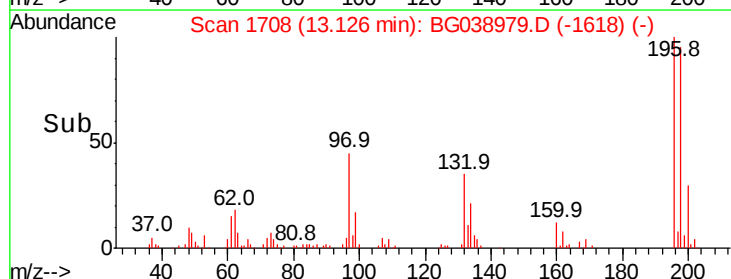


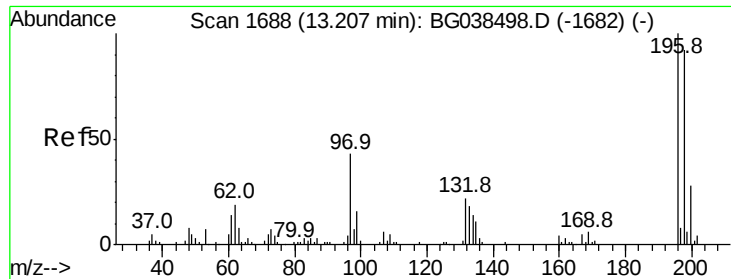
Abundance

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: 47.331 ng

RT: 13.20 min Scan# 1721

Delta R.T. -0.00 min

Lab File: BG038979.D

Acq: 7 Jan 2019 23:07

Instrument :

BNA_G

ClientSampleId :

Tot Ion:196 Resp: 91253

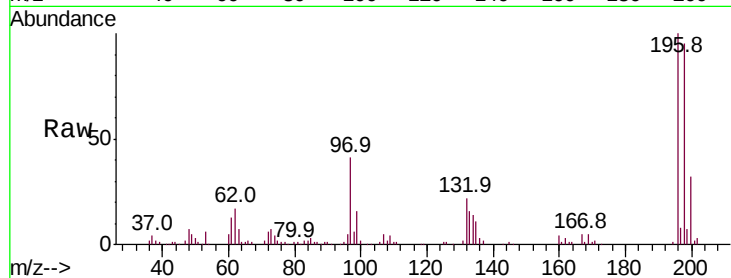
Ion Ratio Lower Upper

196 100

198 95.4 74.0 111.0

97 41.2 35.1 52.7

132 22.0 18.0 27.0

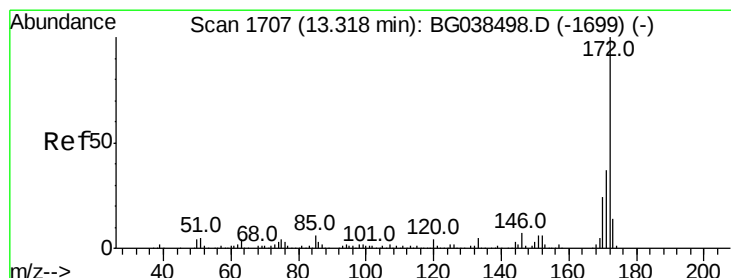
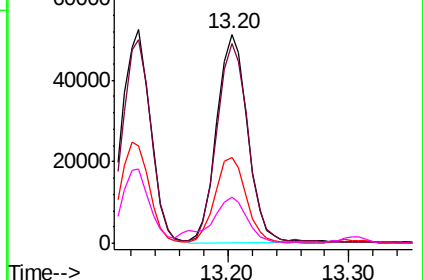
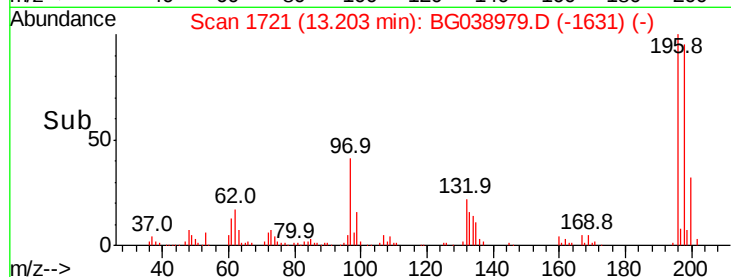


Abundance Ion 196.00 (195.70 to 196.70): E

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: 87.115 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.02 min

Lab File: BG038979.D

Acq: 7 Jan 2019 23:07

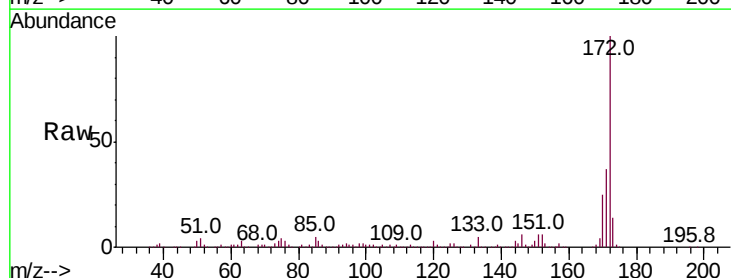
Tgt Ion:172 Resp: 503123

Ion Ratio Lower Upper

172 100

171 36.5 29.8 44.6

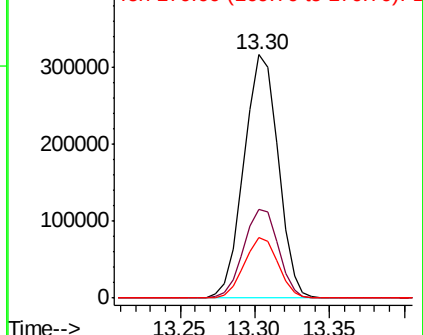
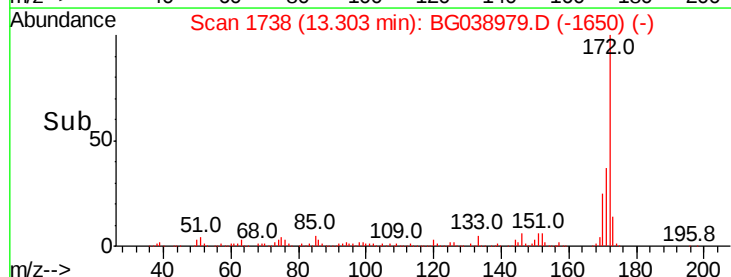
170 25.0 19.5 29.3

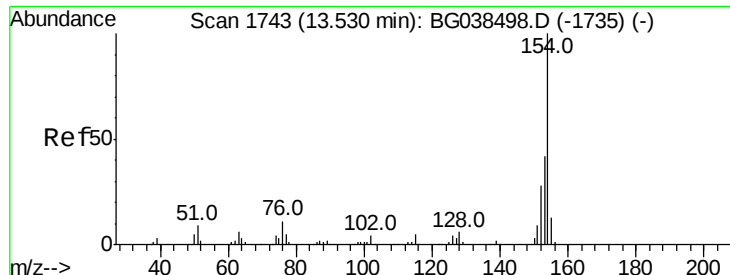


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

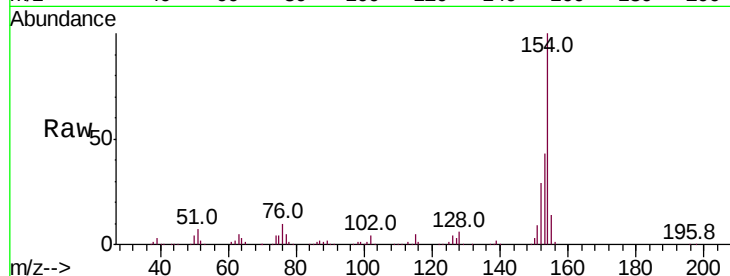




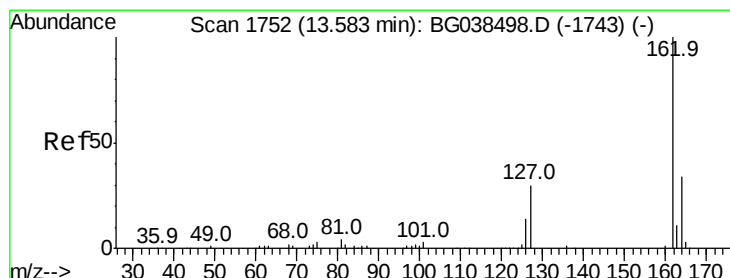
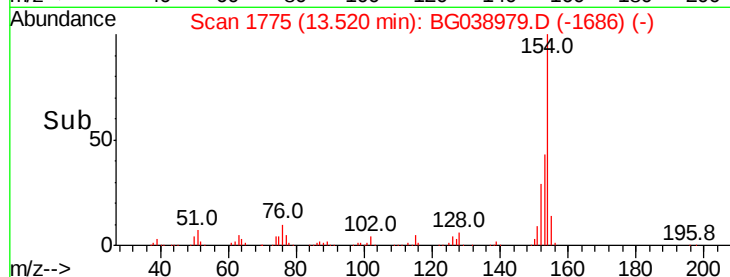
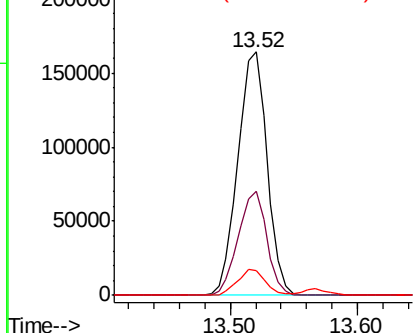
#46
 1,1'-Biphenyl
 Concen: 39.532 ng
 RT: 13.52 min Scan# 1775
 Delta R.T. -0.01 min
 Lab File: BG038979.D
 Acq: 7 Jan 2019 23:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:154 Resp: 262574
 Ion Ratio Lower Upper
 154 100
 153 42.7 22.1 62.1
 76 10.1 0.0 31.2

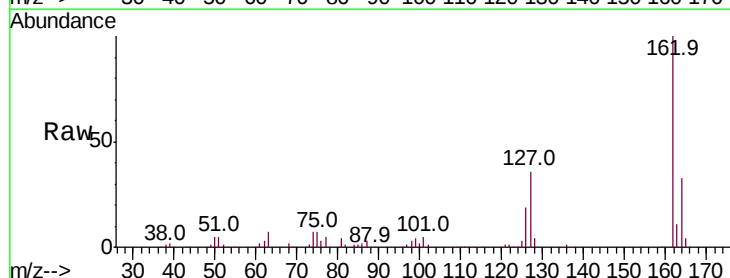


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

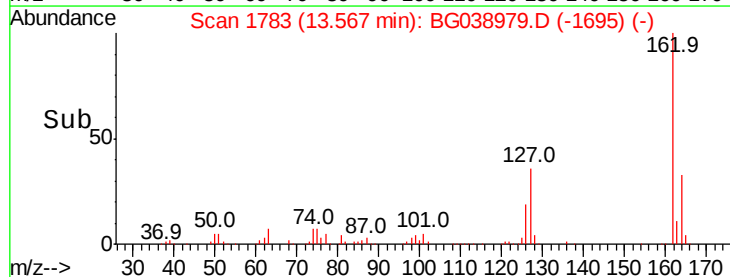
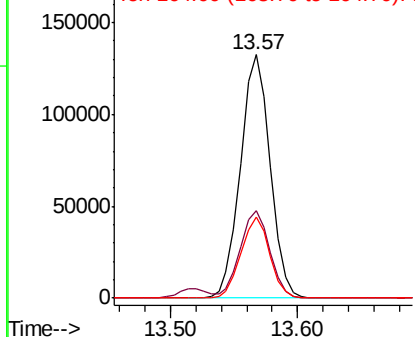


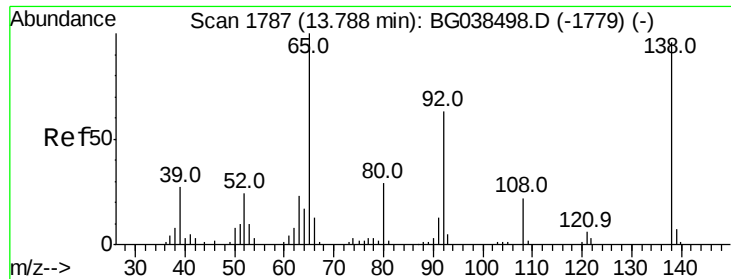
#47
 2-Chloronaphthalene
 Concen: 41.865 ng
 RT: 13.57 min Scan# 1783
 Delta R.T. -0.02 min
 Lab File: BG038979.D
 Acq: 7 Jan 2019 23:07

Tgt Ion:162 Resp: 214792
 Ion Ratio Lower Upper
 162 100
 127 35.9 27.8 41.8
 164 33.2 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

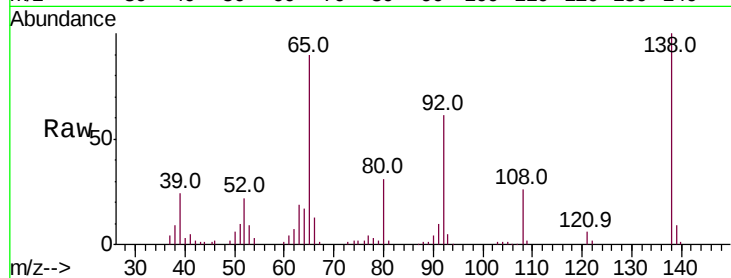




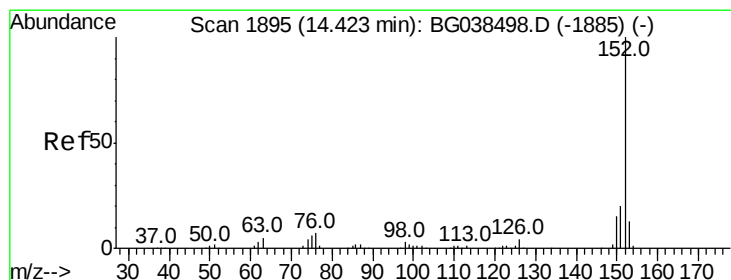
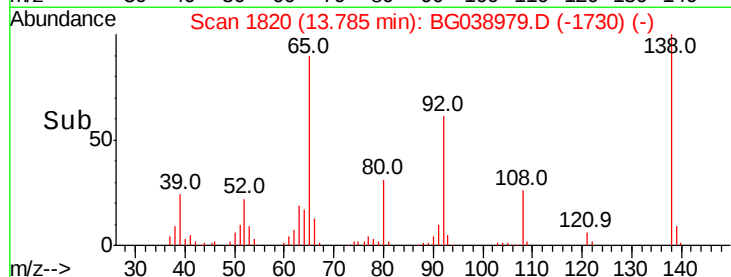
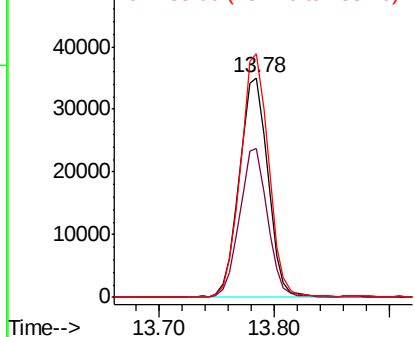
#48
2-Nitroaniline
Concen: 37.049 ng
RT: 13.78 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BG038979.D
Acq: 7 Jan 2019 23:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 65 Resp: 60547
Ion Ratio Lower Upper
65 100
92 67.7 50.0 75.0
138 110.7 76.9 115.3

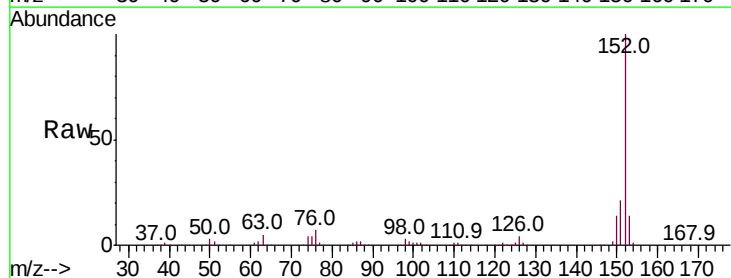


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

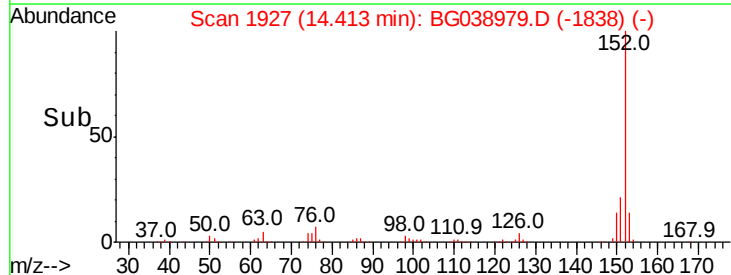
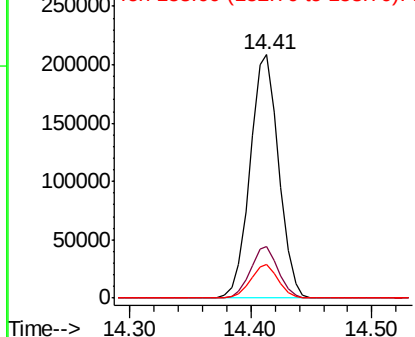


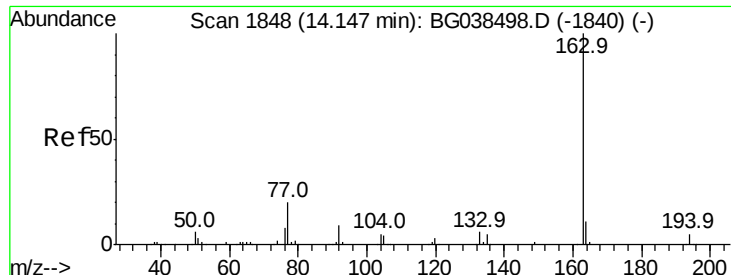
#49
Acenaphthylene
Concen: 44.808 ng
RT: 14.41 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BG038979.D
Acq: 7 Jan 2019 23:07

Tgt Ion: 152 Resp: 343683
Ion Ratio Lower Upper
152 100
151 21.0 16.4 24.6
153 13.8 10.4 15.6



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





#50

Dimethylphthalate

Concen: 43.002 ng

RT: 14.14 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG038979.D

Acq: 7 Jan 2019 23:07

Instrument :

BNA_G

ClientSampled :

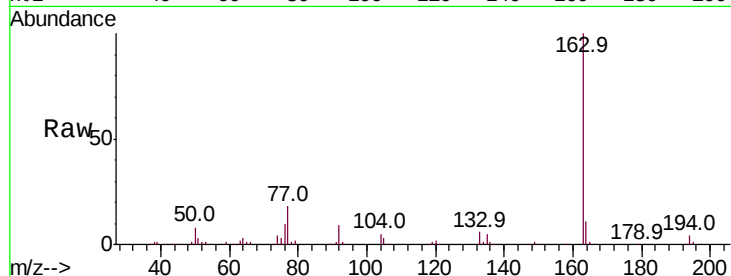
Tot Ion:163 Resp: 278232

Ion Ratio Lower Upper

163 100

194 4.4 3.7 5.5

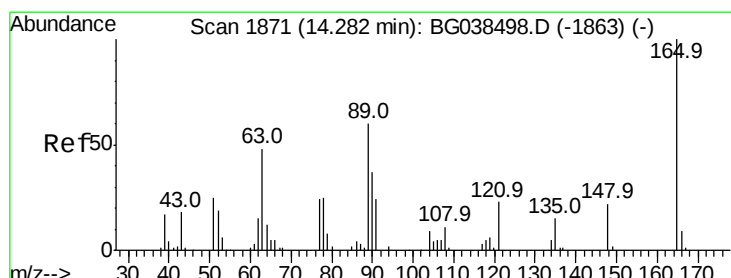
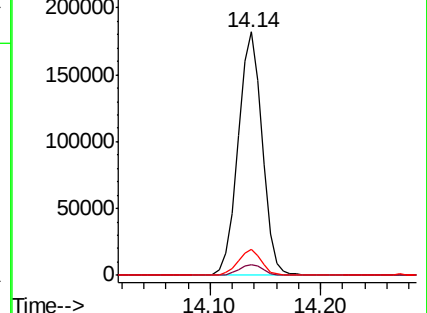
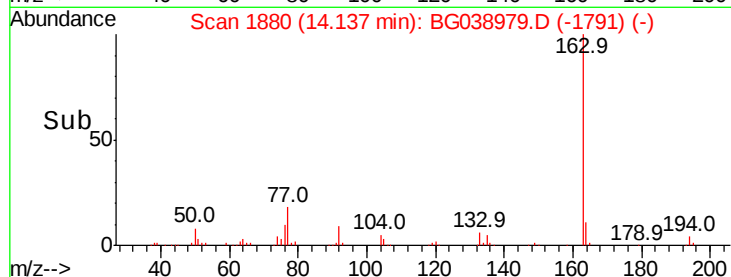
164 10.5 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 42.549 ng

RT: 14.27 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BG038979.D

Acq: 7 Jan 2019 23:07

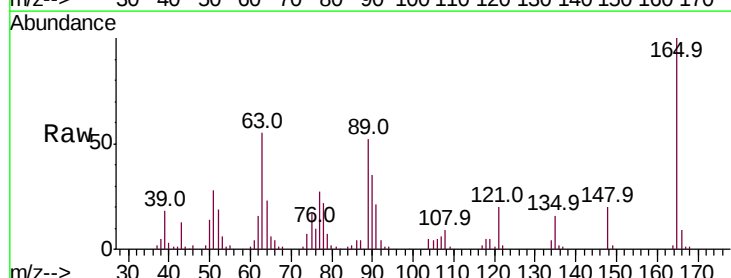
Tgt Ion:165 Resp: 62388

Ion Ratio Lower Upper

165 100

63 54.9 51.8 77.6

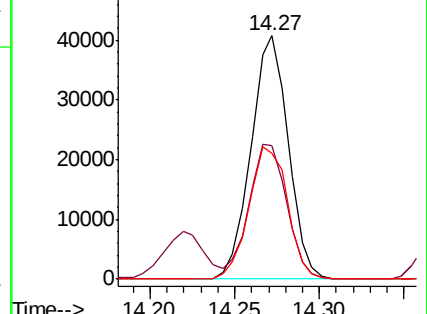
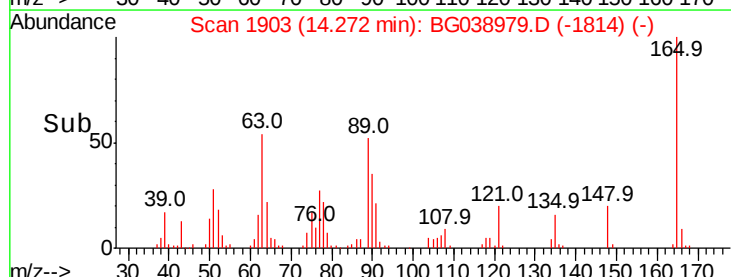
89 51.8 47.9 71.9

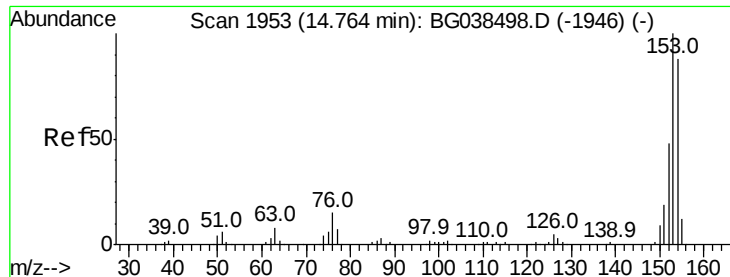


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#52

Acenaphthene

Concen: 43.578 ng

RT: 14.75 min Scan# 1984

Delta R.T. -0.02 min

Lab File: BG038979.D

Acq: 7 Jan 2019 23:07

Instrument :

BNA_G

ClientSampleId :

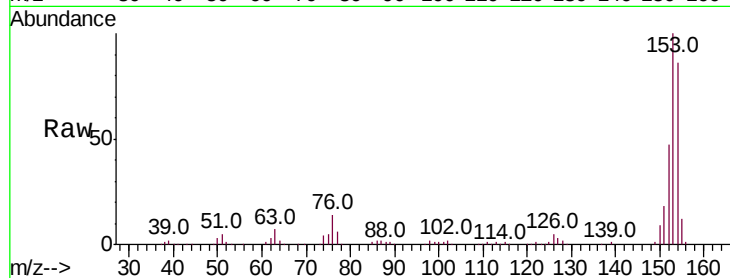
Tot Ion:154 Resp: 199868

Ion Ratio Lower Upper

154 100

153 116.0 90.6 136.0

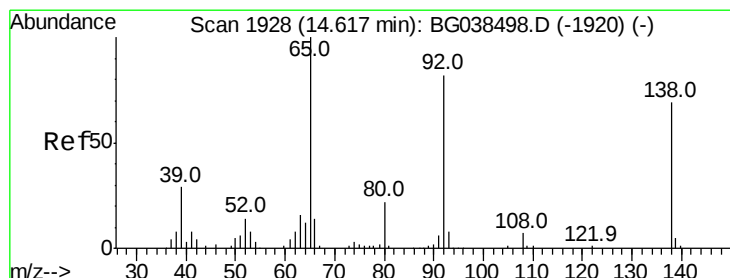
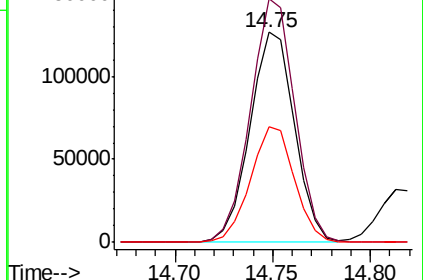
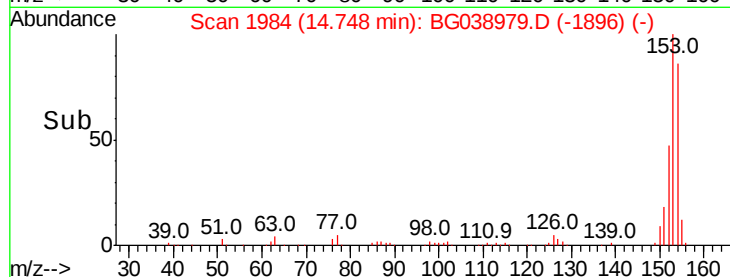
152 55.0 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 2.125 ng

RT: 14.61 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BG038979.D

Acq: 7 Jan 2019 23:07

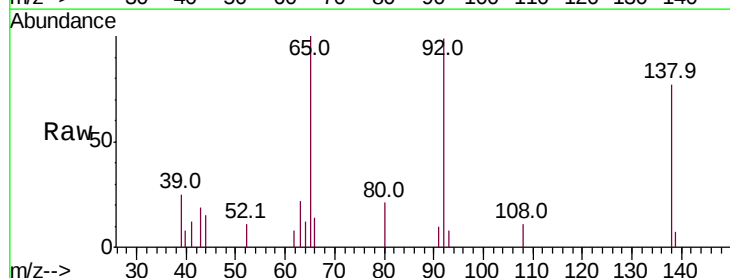
Tgt Ion:138 Resp: 3176

Ion Ratio Lower Upper

138 100

108 14.0 7.9 11.9#

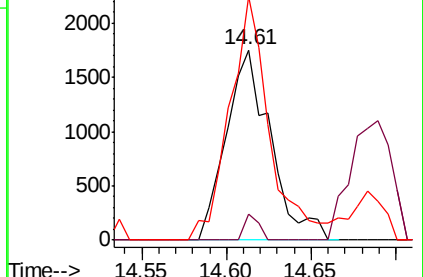
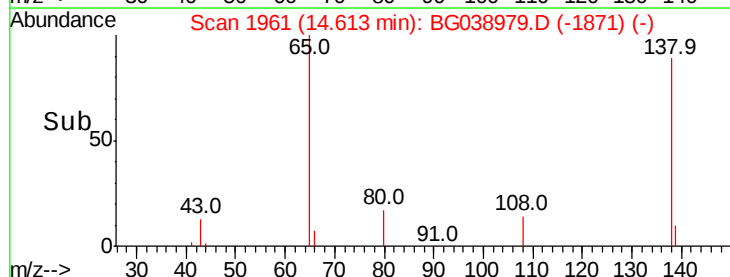
92 128.1 95.3 142.9

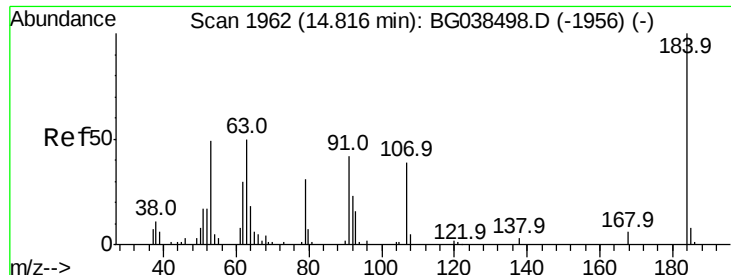


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

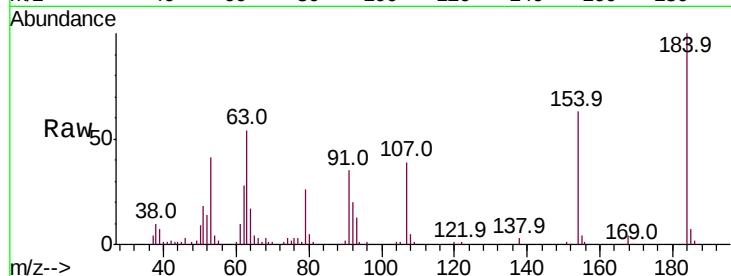




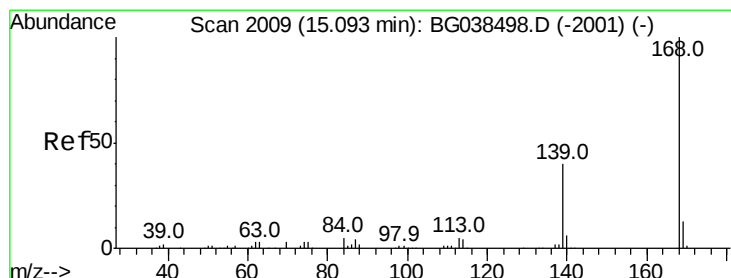
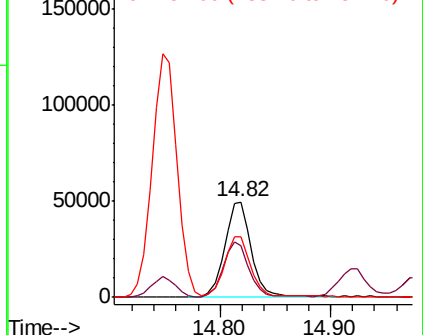
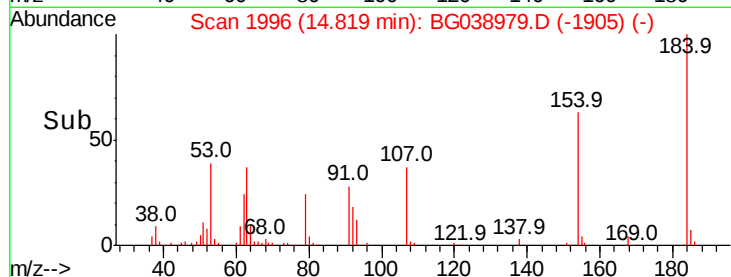
#54
2,4-Dinitrophenol
Concen: 94.959 ng
RT: 14.82 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BG038979.D
Acq: 7 Jan 2019 23:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 83749
Ion Ratio Lower Upper
184 100
63 54.2 47.0 70.6
154 62.8 50.3 75.5

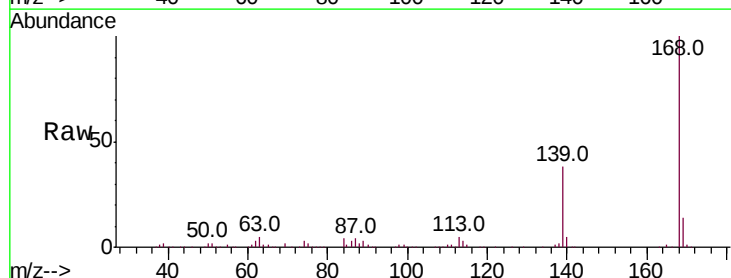


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

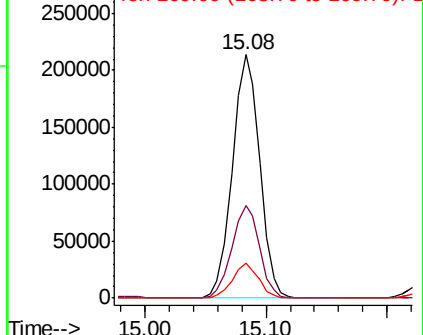
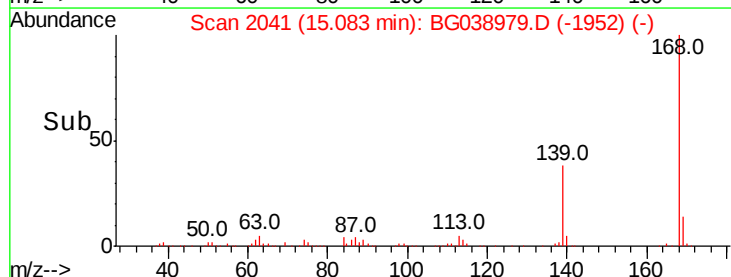


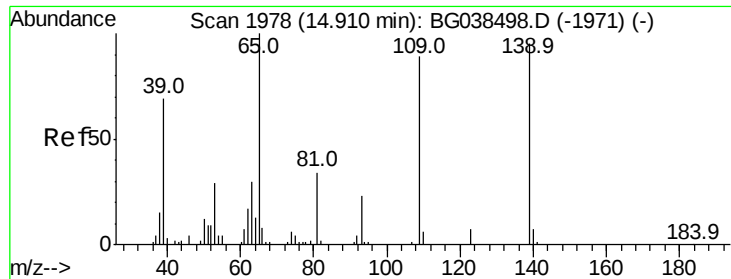
#55
Dibenzofuran
Concen: 42.797 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG038979.D
Acq: 7 Jan 2019 23:07

Tgt Ion:168 Resp: 336467
Ion Ratio Lower Upper
168 100
139 37.8 32.2 48.2
169 14.2 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

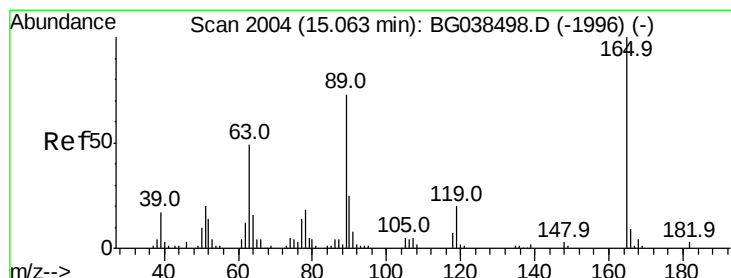
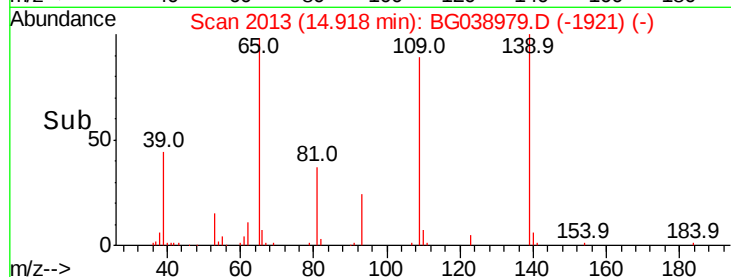
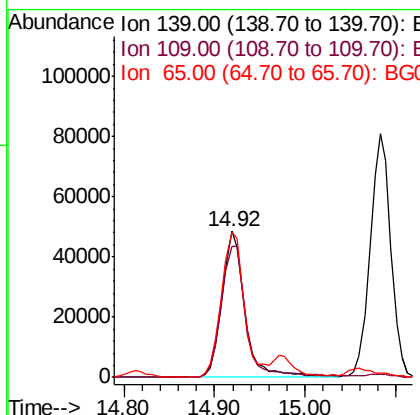
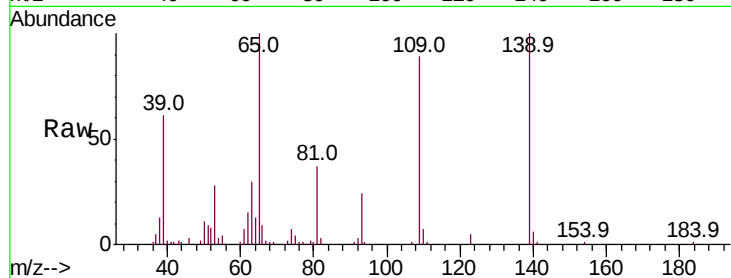




#56
4-Nitrophenol
Concen: 74.992 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BG038979.D
Acq: 7 Jan 2019 23:07

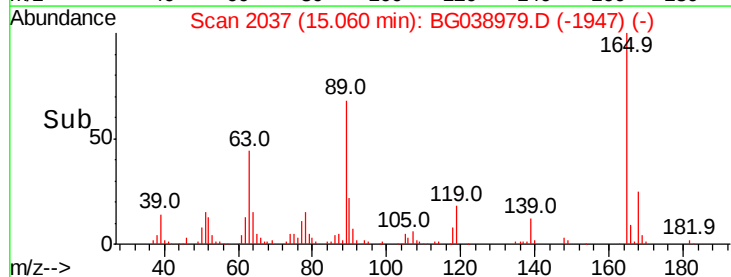
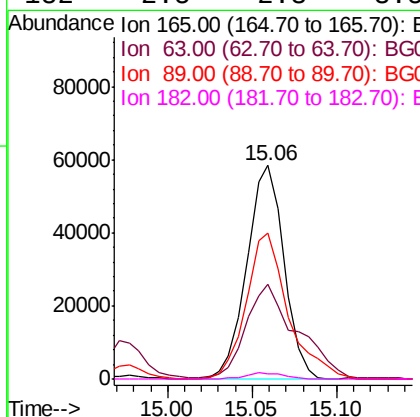
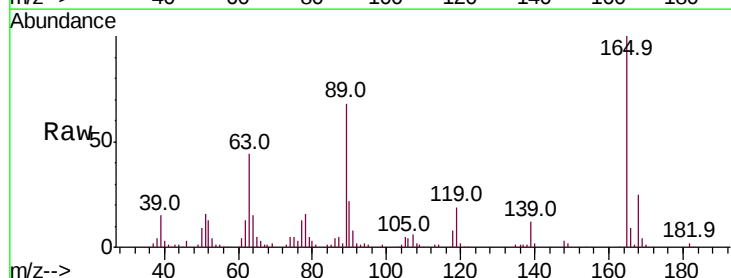
Instrument :
BNA_G
ClientSampled :

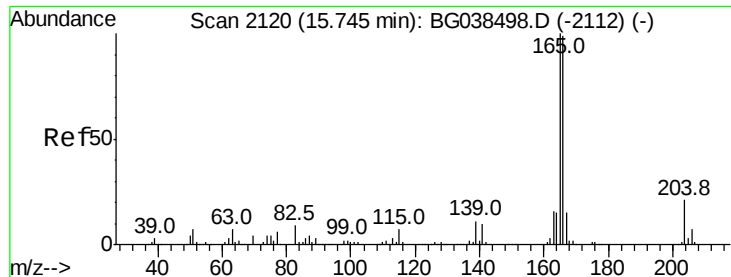
Tot Ion:139 Resp: 85033
Ion Ratio Lower Upper
139 100
109 89.3 73.6 113.6
65 99.7 84.8 124.8



#57
2,4-Dinitrotoluene
Concen: 43.064 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG038979.D
Acq: 7 Jan 2019 23:07

Tgt Ion:165 Resp: 88934
Ion Ratio Lower Upper
165 100
63 44.2 39.0 58.4
89 68.1 58.0 87.0
182 2.5 2.3 3.5





#58

Fluorene

Concen: 46.398 ng

RT: 15.73 min Scan# 2151

Delta R.T. -0.02 min

Lab File: BG038979.D

Acq: 7 Jan 2019 23:07

Instrument :

BNA_G

ClientSampleId :

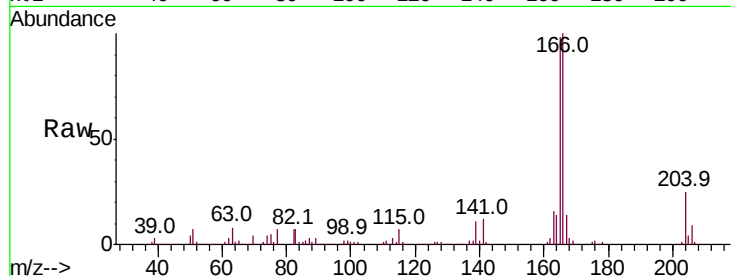
Tot Ion:166 Resp: 270253

Ion Ratio Lower Upper

166 100

165 98.2 80.6 120.8

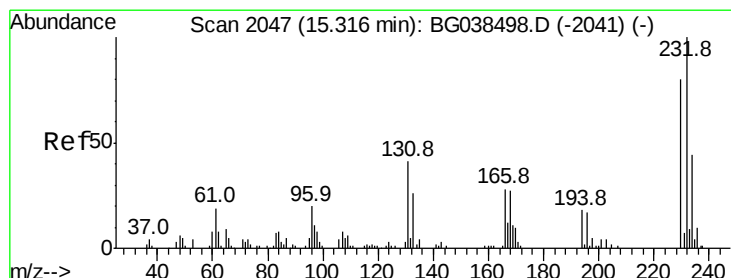
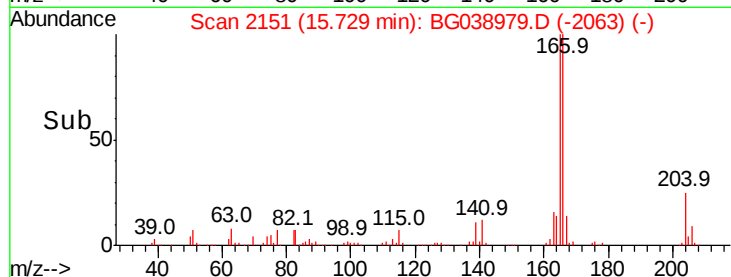
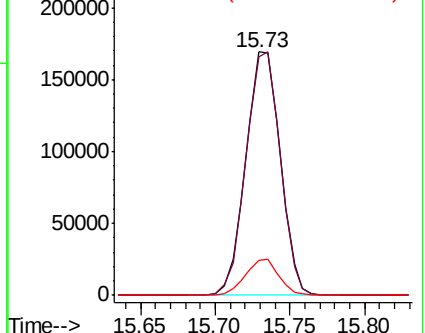
167 14.3 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 50.588 ng

RT: 15.31 min Scan# 2080

Delta R.T. -0.00 min

Lab File: BG038979.D

Acq: 7 Jan 2019 23:07

Tgt Ion:232 Resp: 87749

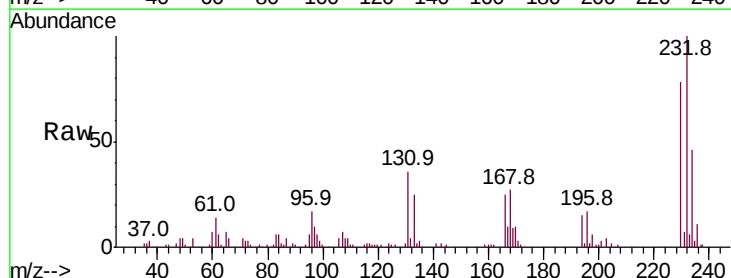
Ion Ratio Lower Upper

232 100

131 35.7 33.0 49.4

130 2.1 2.0 3.0

166 26.9 23.1 34.7

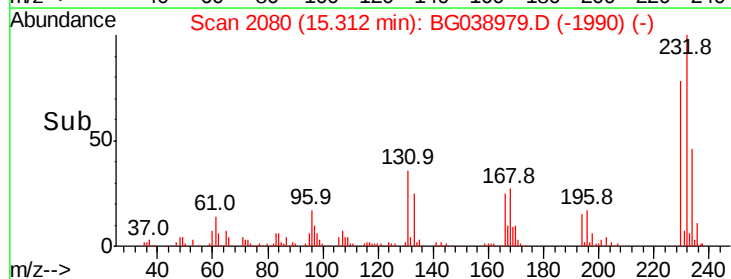
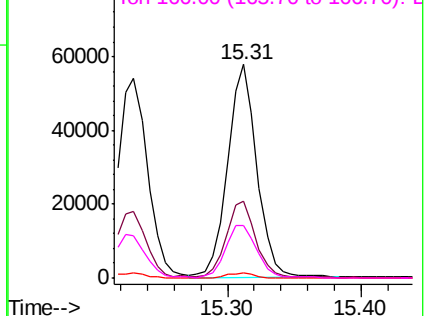


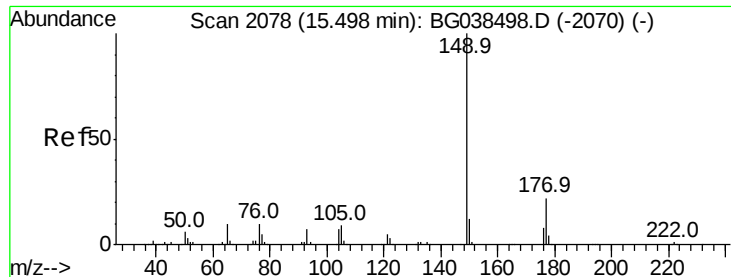
Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.617 ng

RT: 15.49 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BG038979.D

Acq: 7 Jan 2019 23:07

Instrument :

BNA_G

ClientSampled :

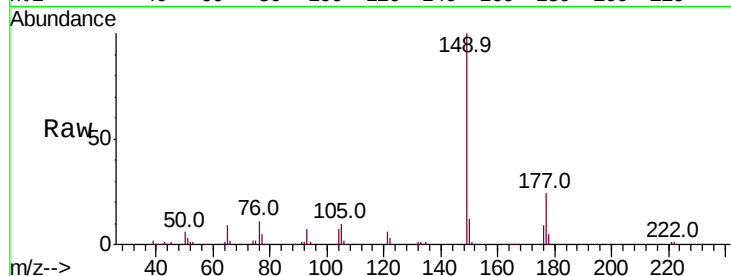
Tot Ion:149 Resp: 281395

Ion Ratio Lower Upper

149 100

177 24.0 17.7 26.5

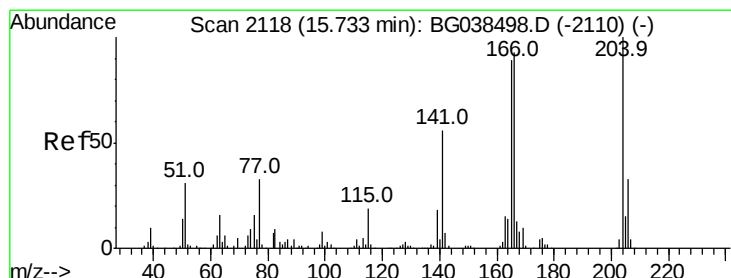
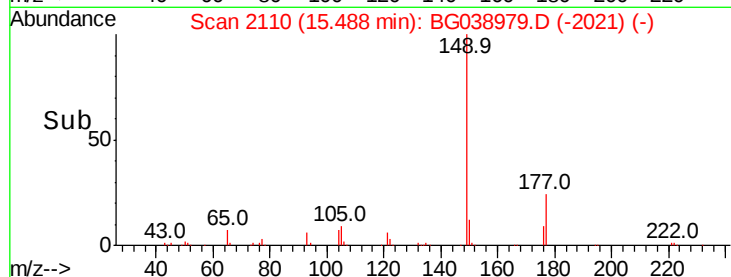
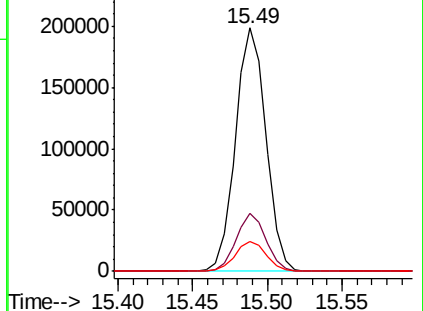
150 12.4 9.9 14.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#61

4-Chlorophenyl-phenylether

Concen: 42.647 ng

RT: 15.72 min Scan# 2149

Delta R.T. -0.02 min

Lab File: BG038979.D

Acq: 7 Jan 2019 23:07

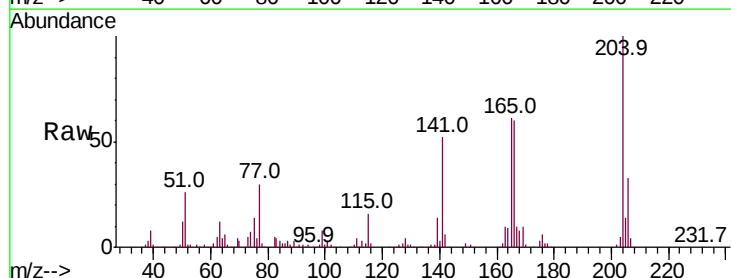
Tgt Ion:204 Resp: 154987

Ion Ratio Lower Upper

204 100

206 33.4 26.0 39.0

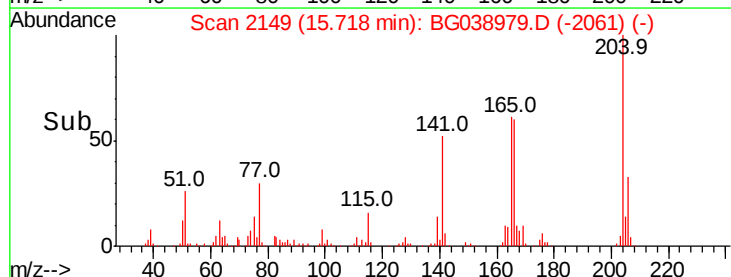
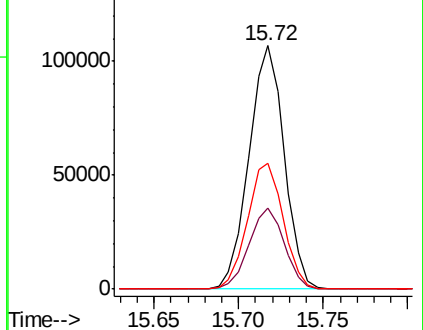
141 51.6 44.4 66.6

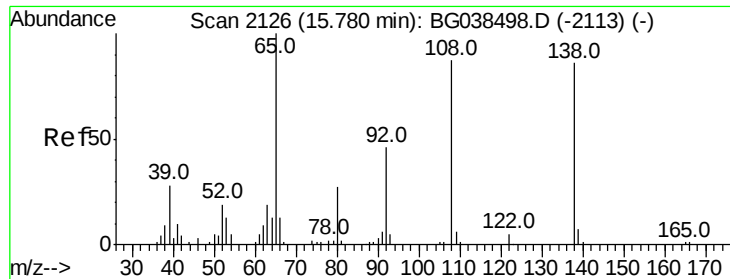


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#62

4-Nitroaniline

Concen: 29.750 ng

RT: 15.77 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG038979.D

Acq: 7 Jan 2019 23:07

Instrument :

BNA_G

ClientSampleId :

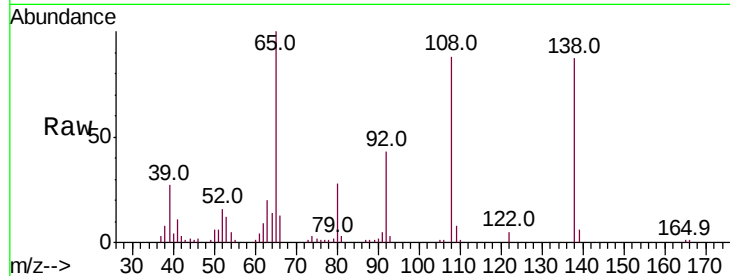
Tot Ion:138 Resp: 45779

Ion Ratio Lower Upper

138 100

92 48.8 33.3 73.3

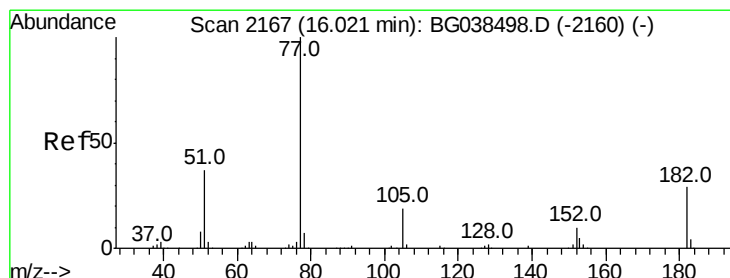
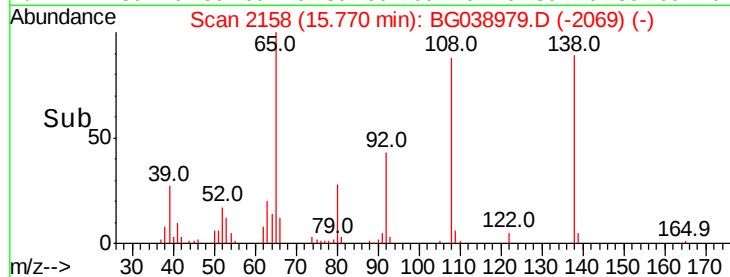
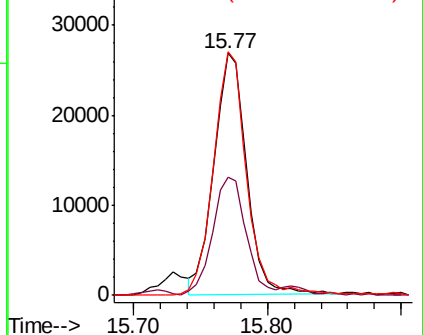
108 100.7 81.4 121.4



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: 37.979 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038979.D

Acq: 7 Jan 2019 23:07

Tgt Ion: 77 Resp: 225354

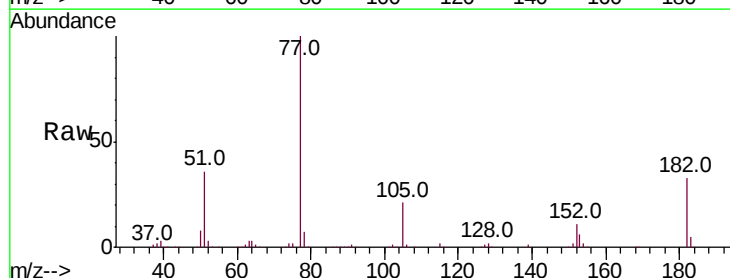
Ion Ratio Lower Upper

77 100

182 32.8 8.7 48.7

105 20.8 0.0 38.7

51 35.8 16.6 56.6

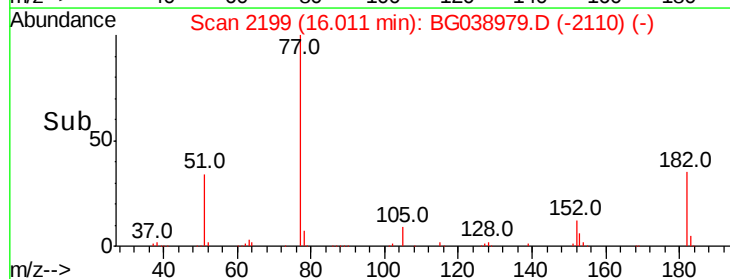
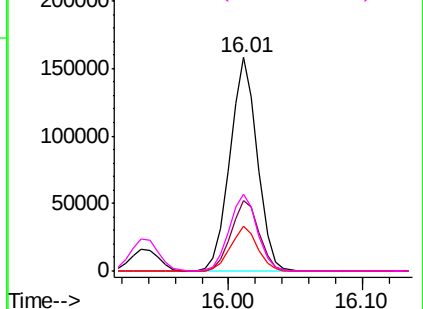


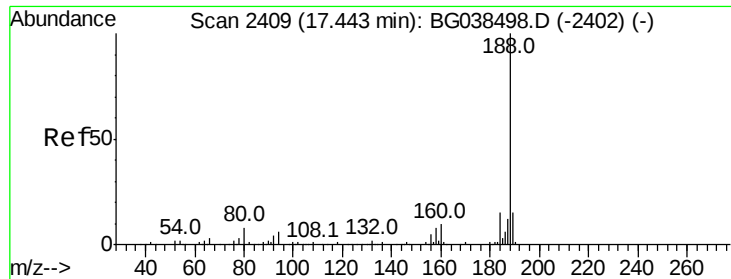
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG038979.D

Acq: 7 Jan 2019 23:07

Instrument :

BNA_G

ClientSampleId :

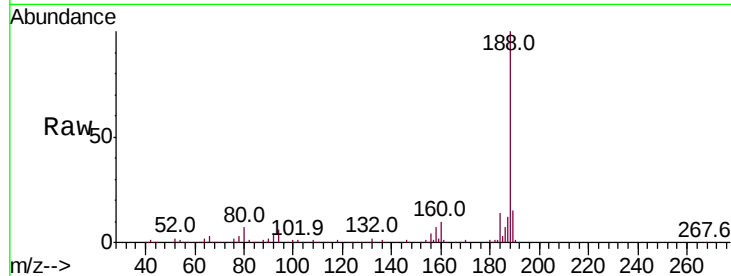
Tot Ion:188 Resp: 191727

Ion Ratio Lower Upper

188 100

94 6.3 5.1 7.7

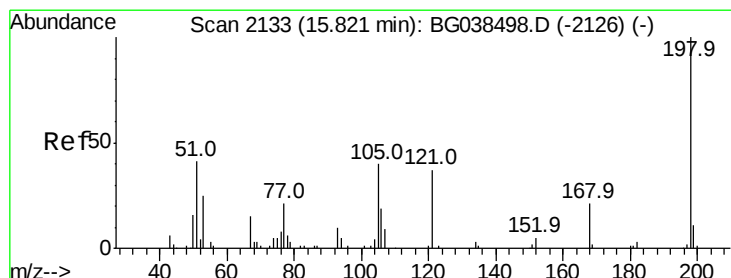
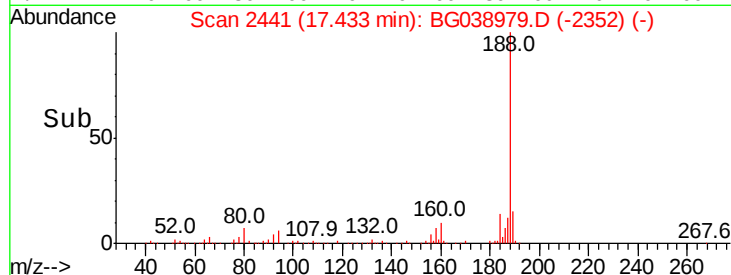
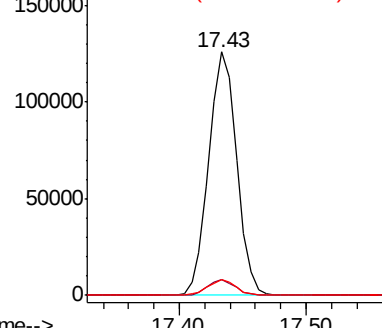
80 6.7 6.1 9.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#65

4,6-Dinitro-2-methylphenol

Concen: 43.625 ng

RT: 15.82 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BG038979.D

Acq: 7 Jan 2019 23:07

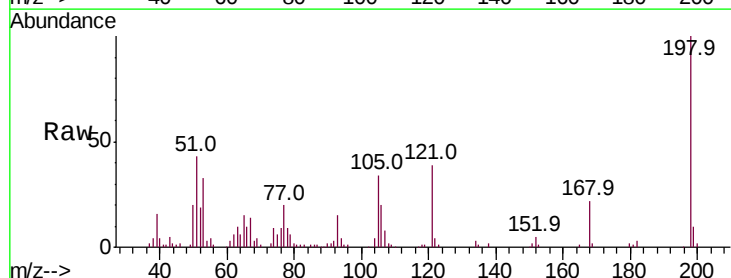
Tgt Ion:198 Resp: 59665

Ion Ratio Lower Upper

198 100

51 43.1 28.6 68.6

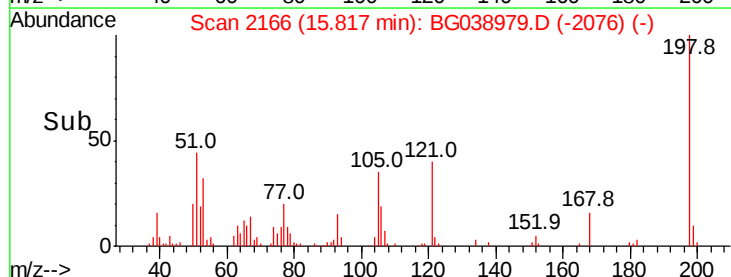
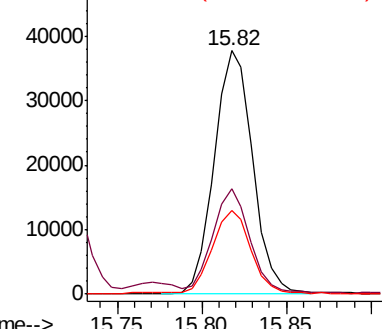
105 34.3 20.4 60.4

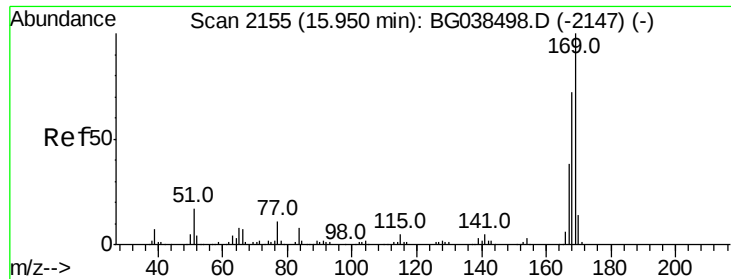


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

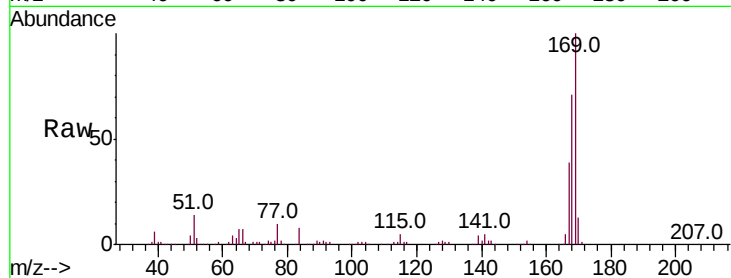




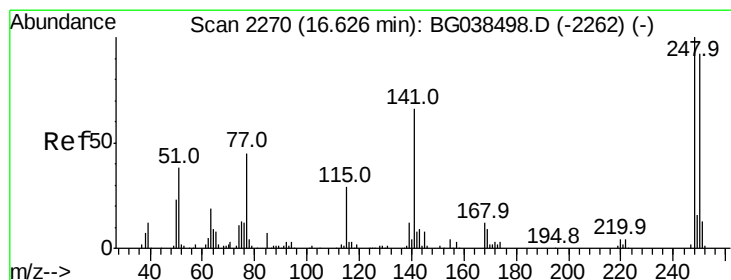
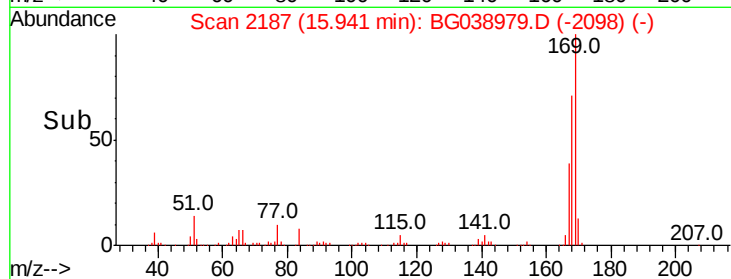
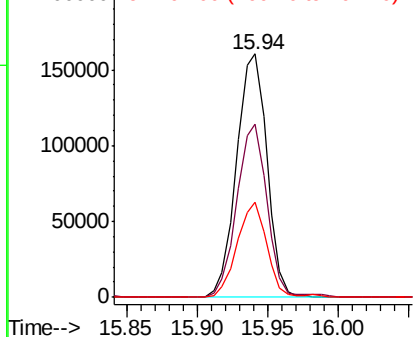
#66
 n-Nitrosodiphenylamine
 Concen: 43.061 ng
 RT: 15.94 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG038979.D
 Acq: 7 Jan 2019 23:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:169 Resp: 242578
 Ion Ratio Lower Upper
 169 100
 168 71.4 57.5 86.3
 167 38.9 30.2 45.2

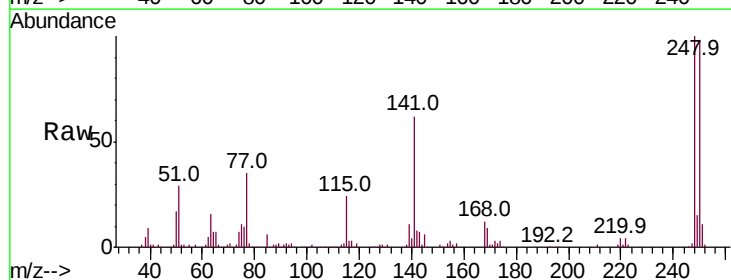


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

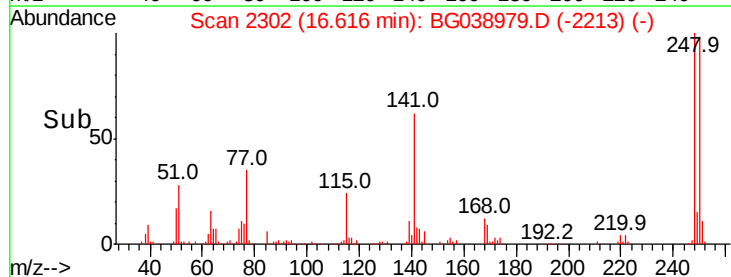
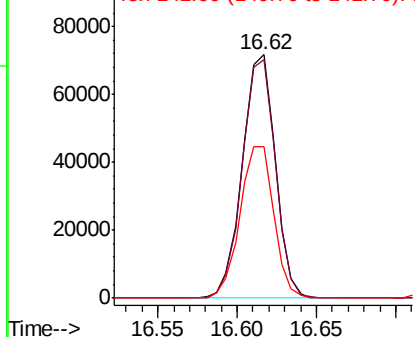


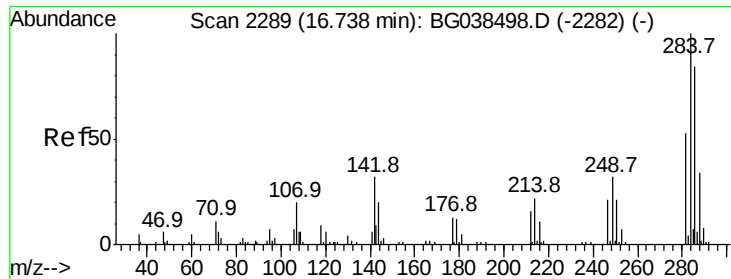
#67
 4-Bromophenyl-phenylether
 Concen: 44.193 ng
 RT: 16.62 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG038979.D
 Acq: 7 Jan 2019 23:07

Tgt Ion:248 Resp: 103479
 Ion Ratio Lower Upper
 248 100
 250 97.8 73.4 110.2
 141 62.0 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

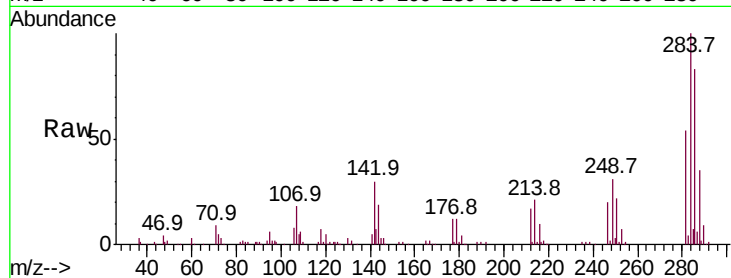




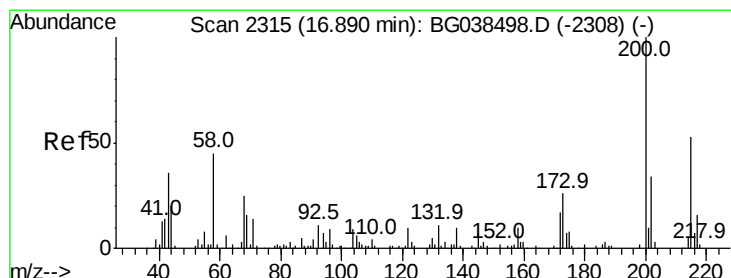
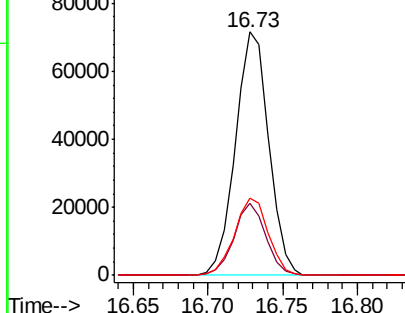
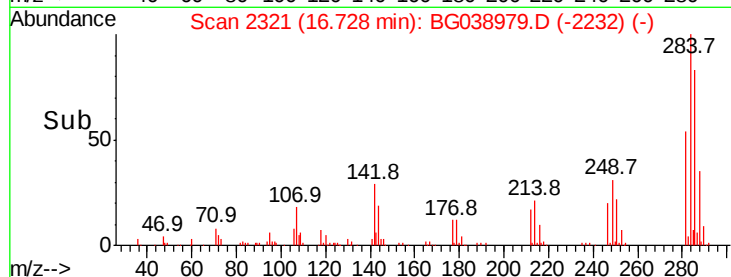
#68
Hexachlorobenzene
Concen: 45.744 ng
RT: 16.73 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BG038979.D
Acq: 7 Jan 2019 23:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:284 Resp: 111034
Ion Ratio Lower Upper
284 100
142 29.5 25.8 38.6
249 34.0 27.0 40.4

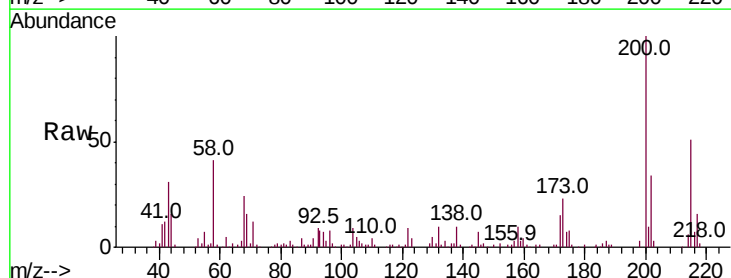


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

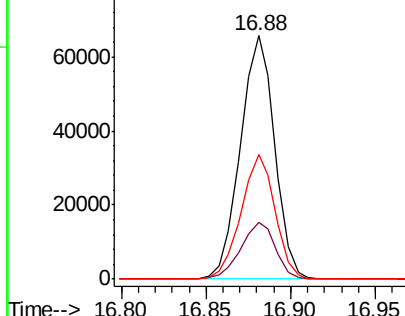
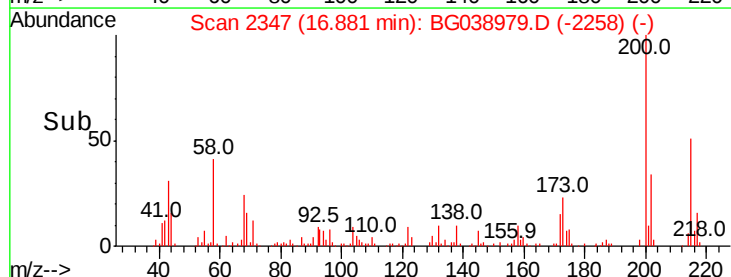


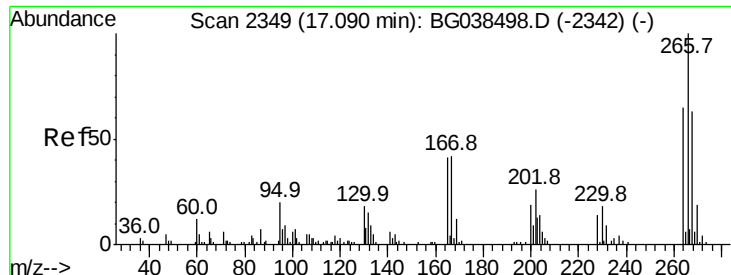
#69
Atrazine
Concen: 44.377 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.01 min
Lab File: BG038979.D
Acq: 7 Jan 2019 23:07

Tgt Ion:200 Resp: 92775
Ion Ratio Lower Upper
200 100
173 23.2 5.9 45.9
215 51.2 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

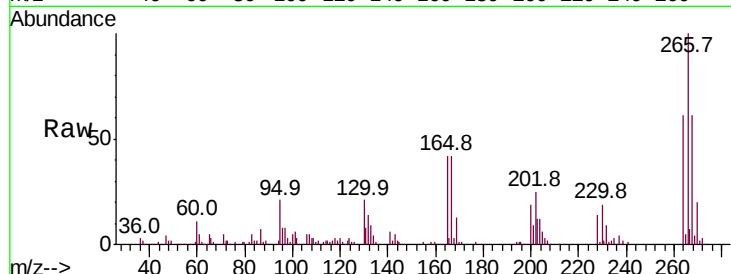




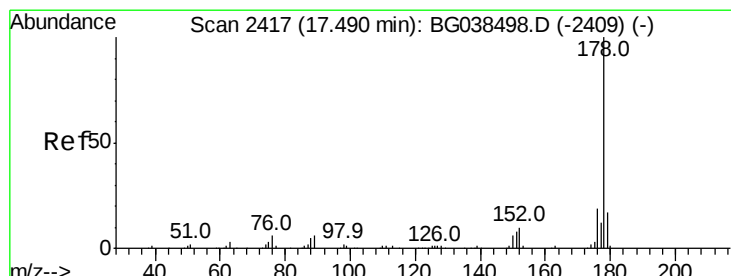
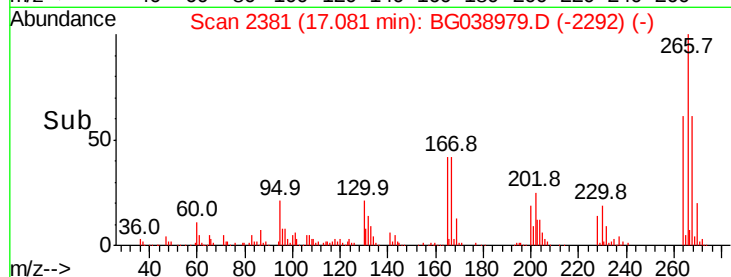
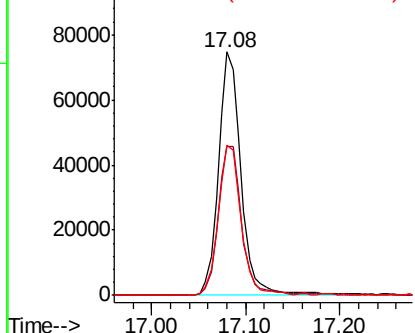
#70
 Pentachlorophenol
 Concen: 87.136 ng
 RT: 17.08 min Scan# 2381
 Delta R.T. -0.01 min
 Lab File: BG038979.D
 Acq: 7 Jan 2019 23:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.2	55.0	82.6
264	66.5	56.7	85.1

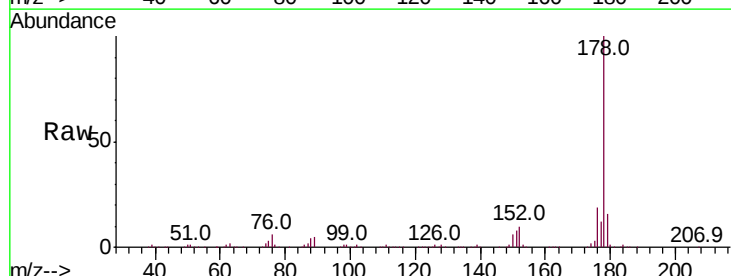


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

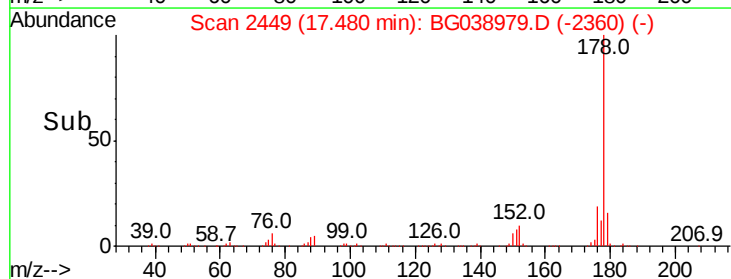
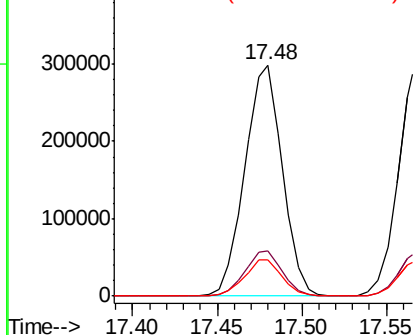


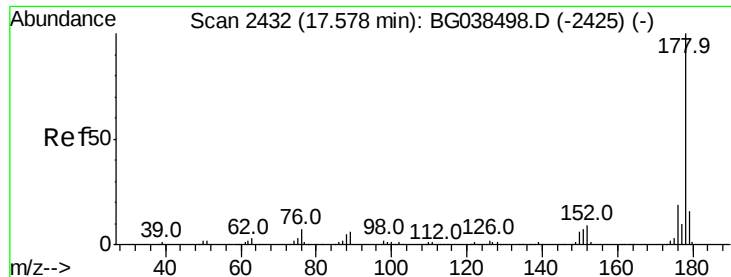
#71
 Phenanthrene
 Concen: 46.354 ng
 RT: 17.48 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BG038979.D
 Acq: 7 Jan 2019 23:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	15.6	13.2	19.8



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 47.476 ng

RT: 17.57 min Scan# 2464

Delta R.T. -0.01 min

Lab File: BG038979.D

Acq: 7 Jan 2019 23:07

Instrument :

BNA_G

ClientSampleId :

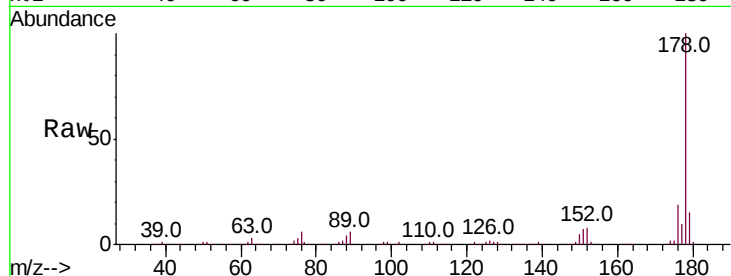
Tot Ion:178 Resp: 465982

Ion Ratio Lower Upper

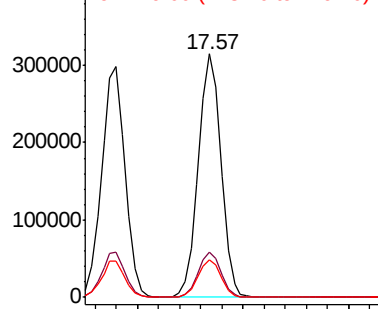
178 100

176 18.6 15.1 22.7

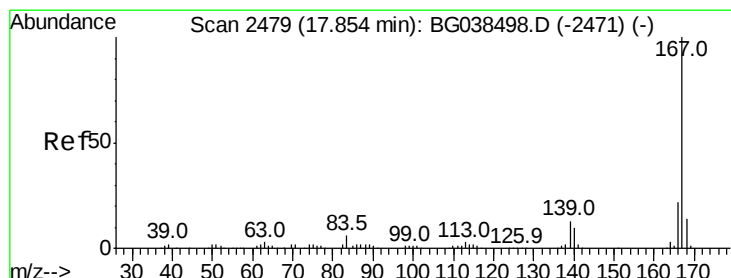
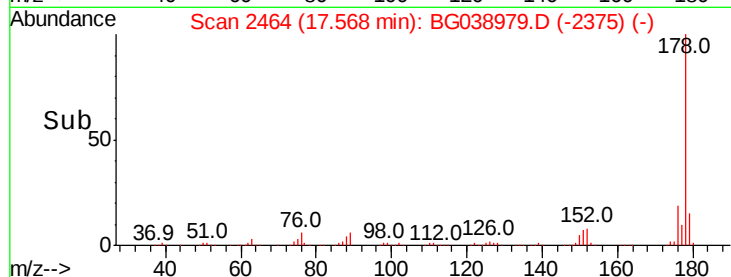
179 15.2 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->



#73

Carbazole

Concen: 41.363 ng

RT: 17.84 min Scan# 2511

Delta R.T. -0.01 min

Lab File: BG038979.D

Acq: 7 Jan 2019 23:07

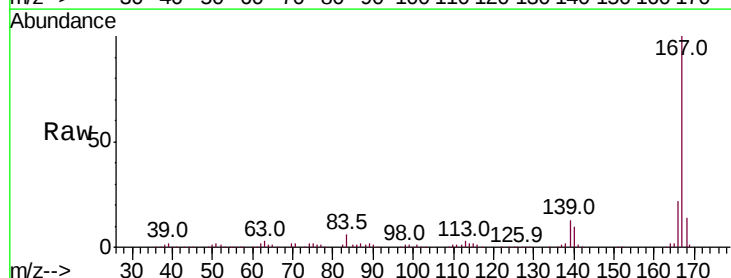
Tgt Ion:167 Resp: 401507

Ion Ratio Lower Upper

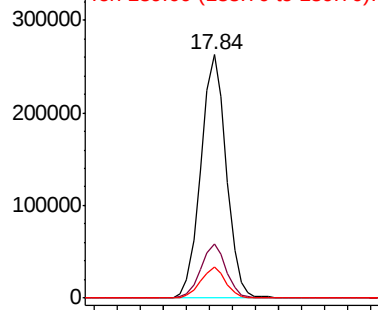
167 100

166 22.0 17.9 26.9

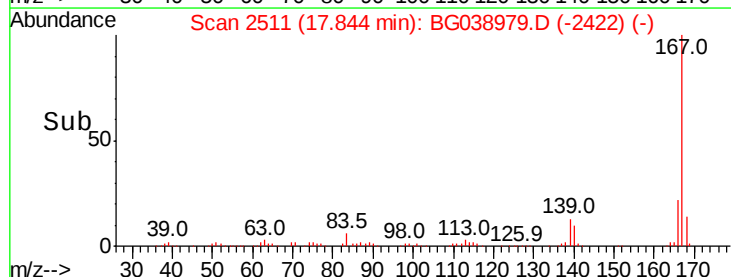
139 12.8 10.2 15.2

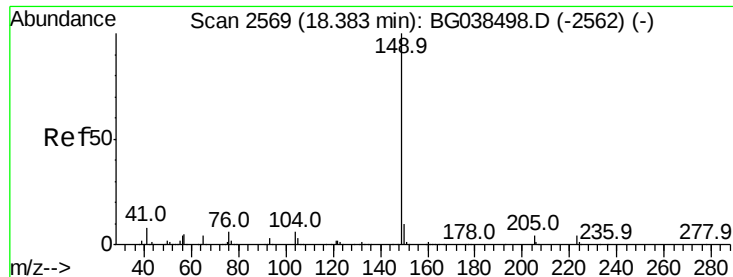


Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



Time-->





#74

Di-n-butylphthalate

Concen: 42.364 ng

RT: 18.37 min Scan# 2601

Delta R.T. -0.01 min

Lab File: BG038979.D

Acq: 7 Jan 2019 23:07

Instrument :

BNA_G

ClientSampleId :

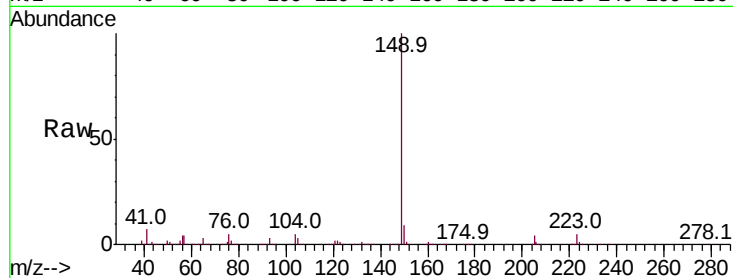
Tot Ion:149 Resp: 471860

Ion Ratio Lower Upper

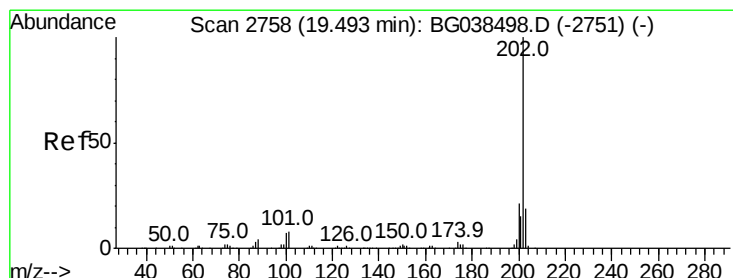
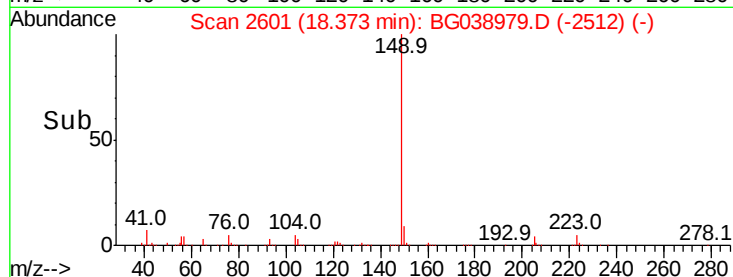
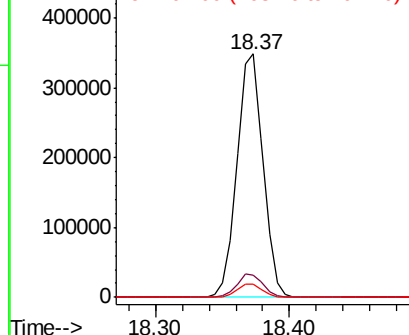
149 100

150 9.3 7.6 11.4

104 5.2 5.0 7.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 44.564 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BG038979.D

Acq: 7 Jan 2019 23:07

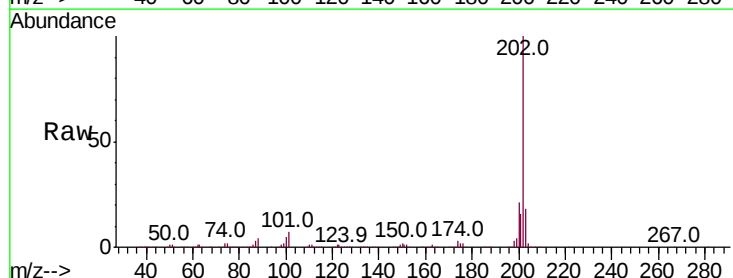
Tgt Ion:202 Resp: 548203

Ion Ratio Lower Upper

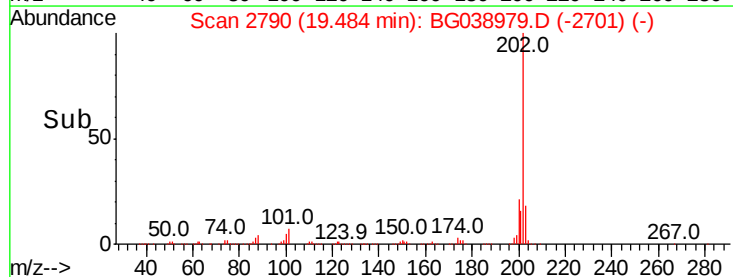
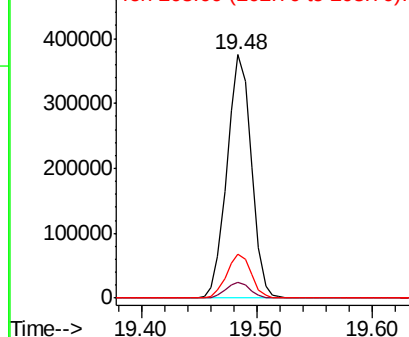
202 100

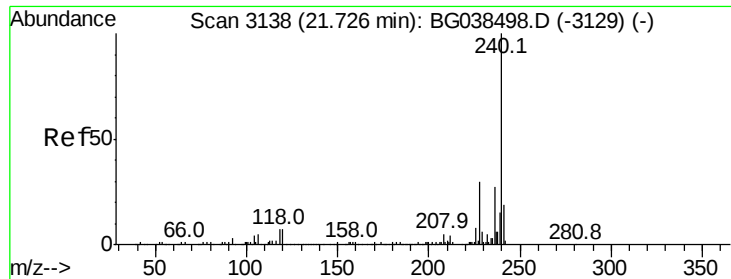
101 6.6 0.0 28.1

203 18.3 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

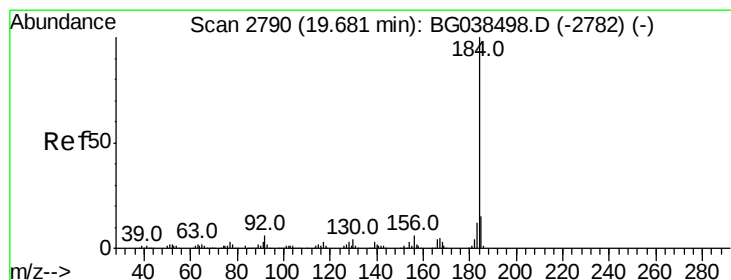
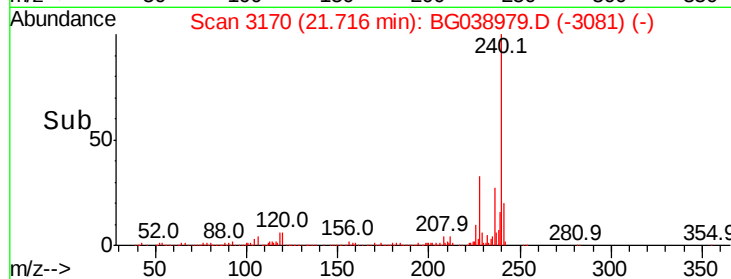
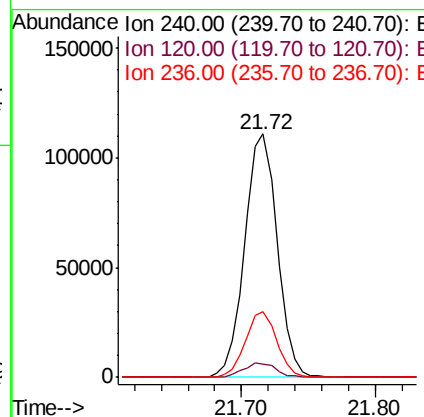
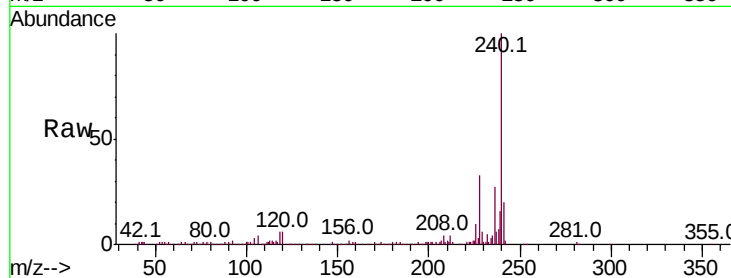




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG038979.D
Acq: 7 Jan 2019 23:07

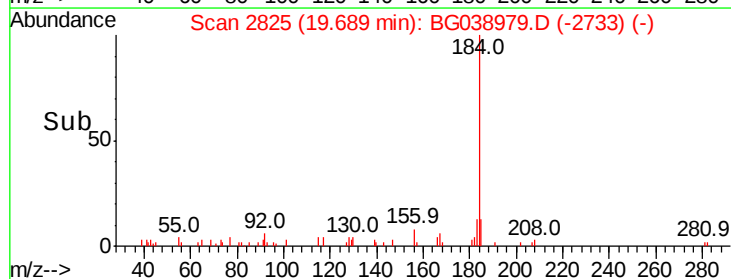
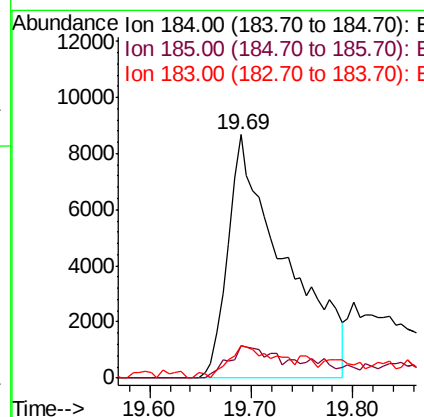
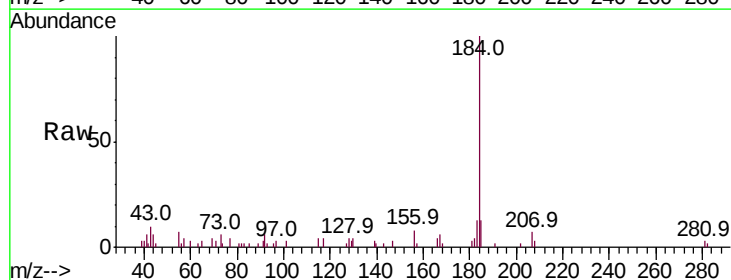
Instrument :
BNA_G
ClientSampleId :

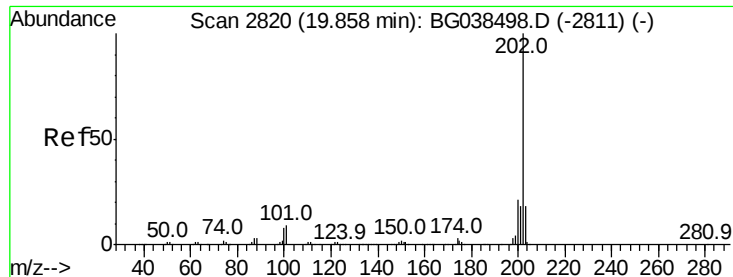
Tot Ion:240 Resp: 186166
Ion Ratio Lower Upper
240 100
120 5.5 5.3 7.9
236 27.1 21.4 32.2



#77
Benzidine
Concen: 6.125 ng
RT: 19.69 min Scan# 2825
Delta R.T. 0.01 min
Lab File: BG038979.D
Acq: 7 Jan 2019 23:07

Tgt Ion:184 Resp: 33723
Ion Ratio Lower Upper
184 100
185 13.1 12.2 18.2
183 13.3 9.6 14.4





#78

Pvrene

Concen: 44.966 ng

RT: 19.85 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG038979.D

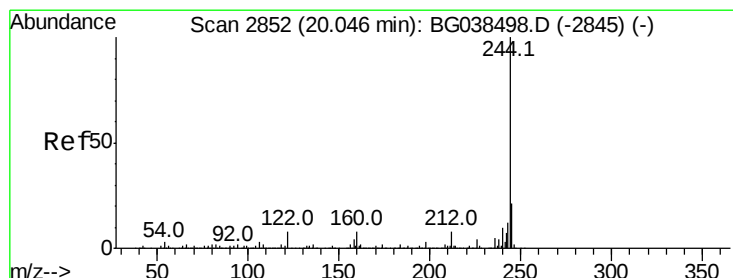
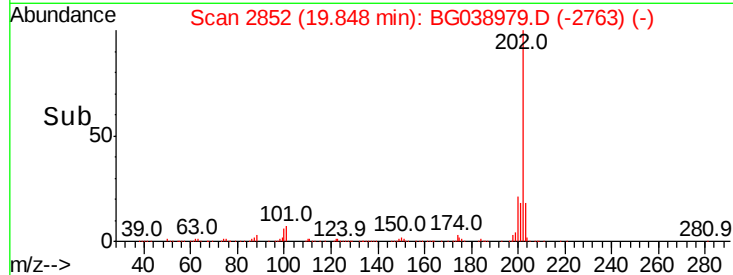
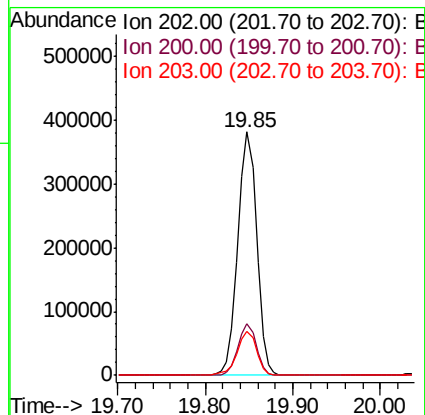
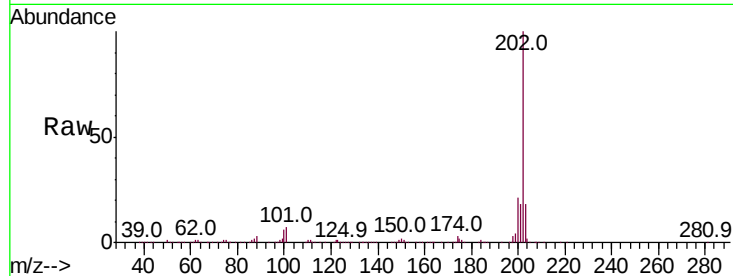
Acq: 7 Jan 2019 23:07

Instrument :

BNA_G

ClientSampled :

Tot Ion:	202	Resp:	553018
Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	25.0
203	18.1	14.6	21.8



#79

Terphenyl-d14

Concen: 102.466 ng

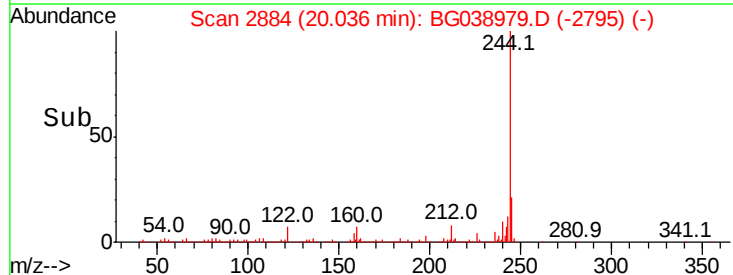
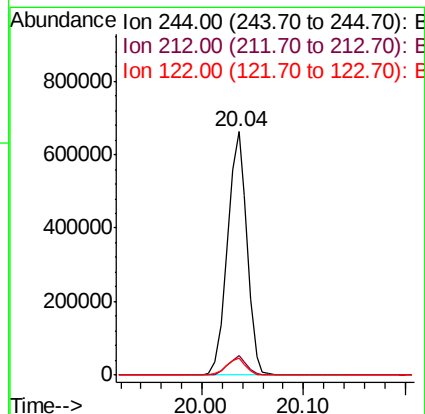
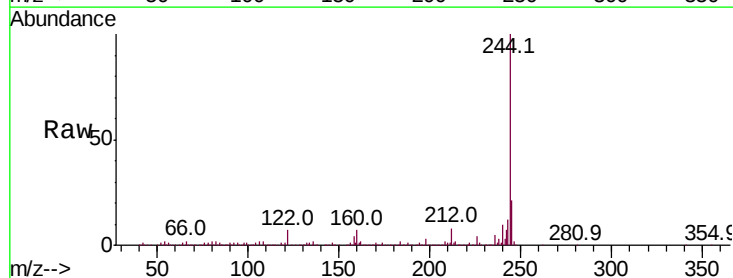
RT: 20.04 min Scan# 2884

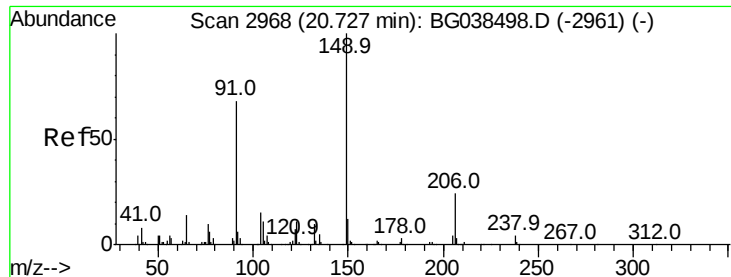
Delta R.T. -0.01 min

Lab File: BG038979.D

Acq: 7 Jan 2019 23:07

Tgt Ion:	244	Resp:	876504
Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	7.1	6.3	9.5

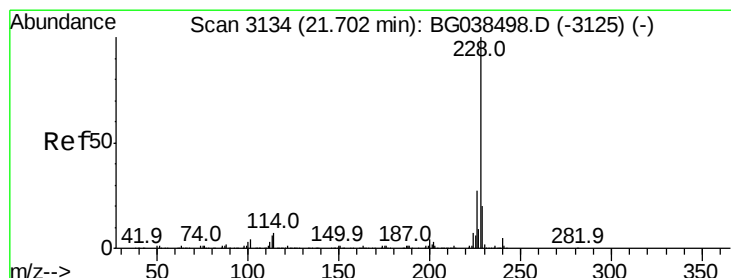
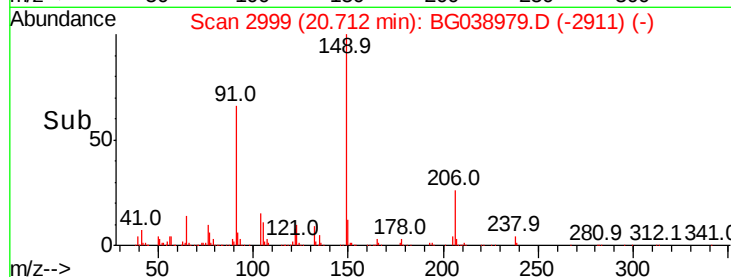
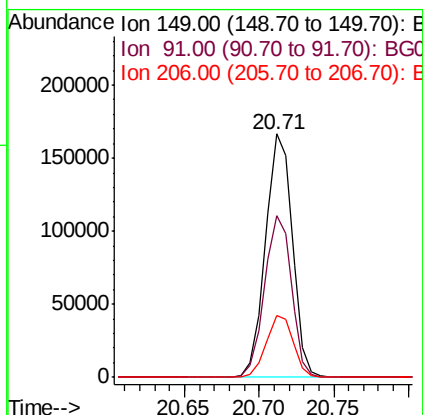
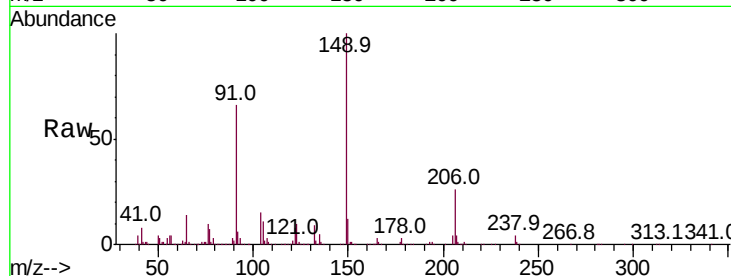




#80
Butylbenzylphthalate
Concen: 43.162 ng
RT: 20.71 min Scan# 2999
Delta R.T. -0.02 min
Lab File: BG038979.D
Acq: 7 Jan 2019 23:07

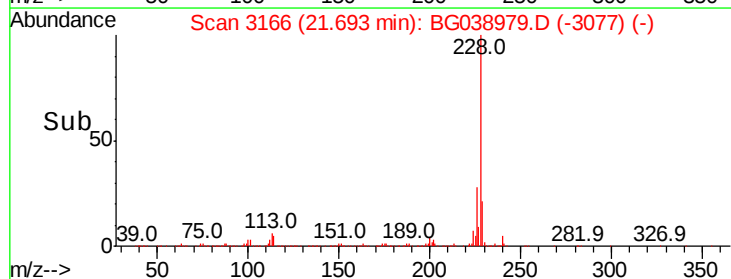
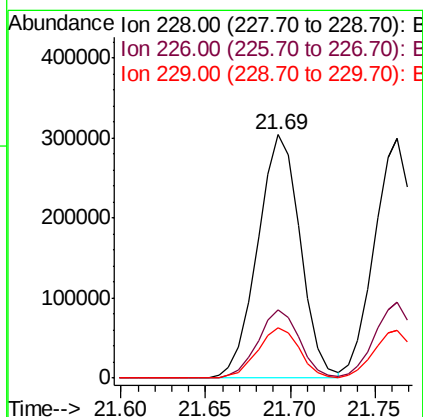
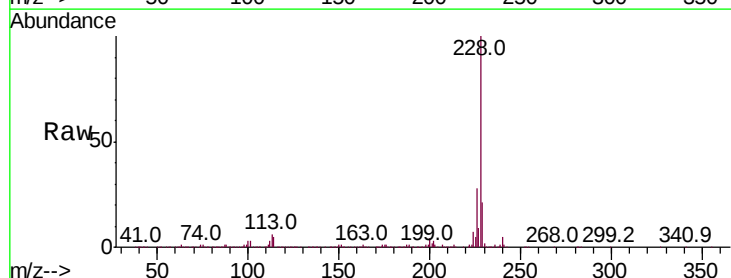
Instrument :
BNA_G
ClientSampleId :

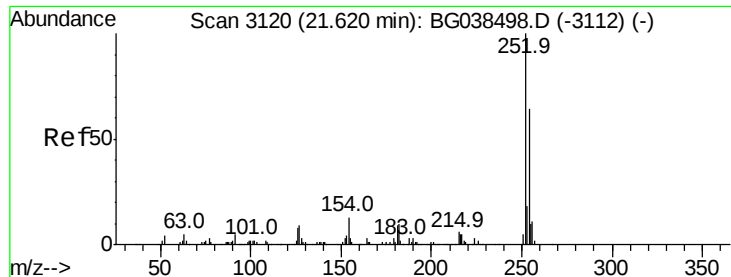
Tot Ion:149 Resp: 207390
Ion Ratio Lower Upper
149 100
91 66.3 54.5 81.7
206 25.6 19.0 28.6



#81
Benzo(a)anthracene
Concen: 46.964 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG038979.D
Acq: 7 Jan 2019 23:07

Tgt Ion:228 Resp: 532758
Ion Ratio Lower Upper
228 100
226 28.0 21.8 32.8
229 20.7 15.8 23.6





#82

3,3'-Dichlorobenzidine

Concen: 9.472 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BG038979.D

Acq: 7 Jan 2019 23:07

Instrument :

BNA_G

ClientSampleId :

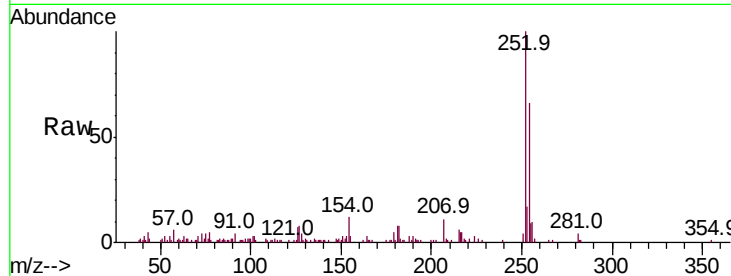
Tot Ion:252 Resp: 42615

Ion Ratio Lower Upper

252 100

254 65.6 50.9 76.3

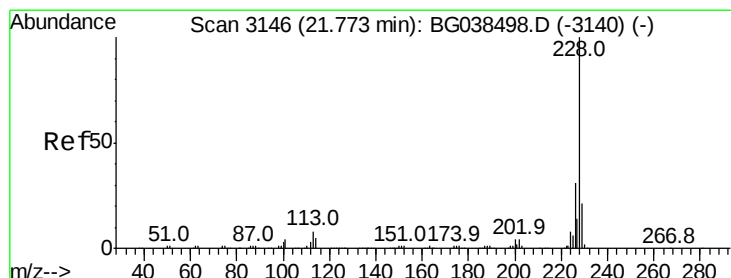
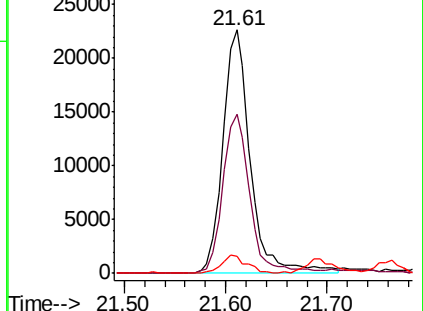
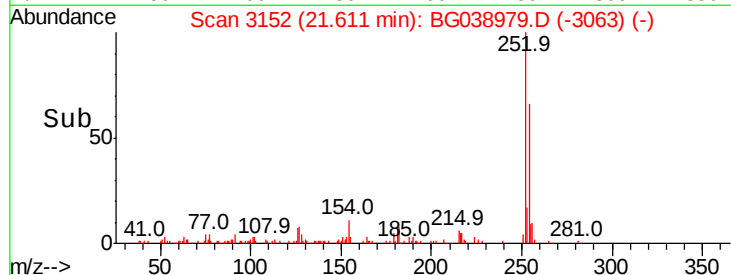
126 7.0 6.3 9.5



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: 45.051 ng

RT: 21.76 min Scan# 3178

Delta R.T. -0.01 min

Lab File: BG038979.D

Acq: 7 Jan 2019 23:07

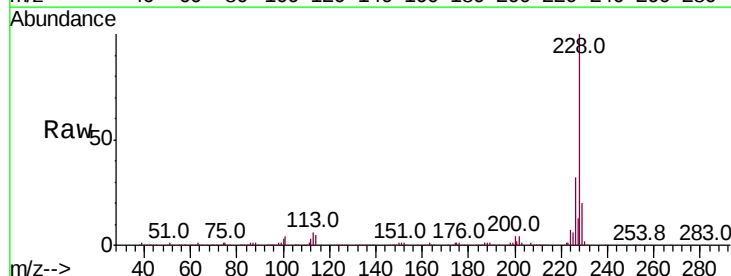
Tgt Ion:228 Resp: 492250

Ion Ratio Lower Upper

228 100

226 31.7 25.0 37.4

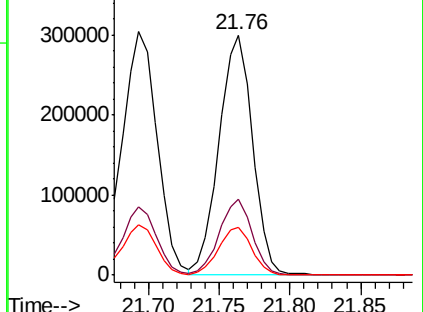
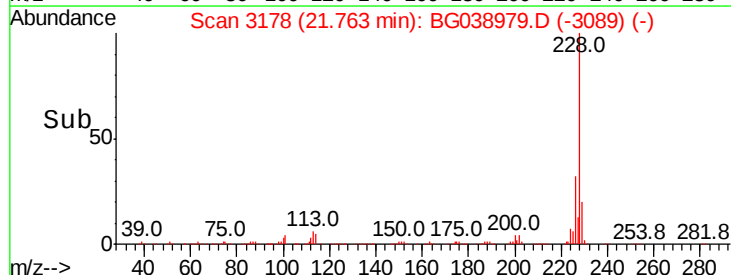
229 19.7 16.5 24.7

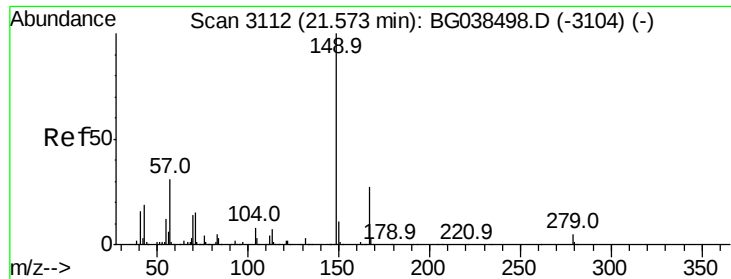


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 42.612 ng

RT: 21.56 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG038979.D

Acq: 7 Jan 2019 23:07

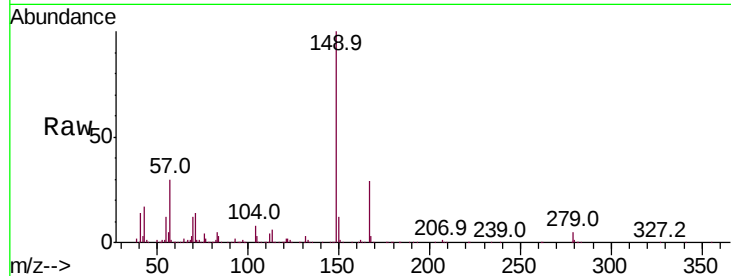
Instrument :

BNA_G

ClientSampled :

Tot Ion:149 Resp: 290386

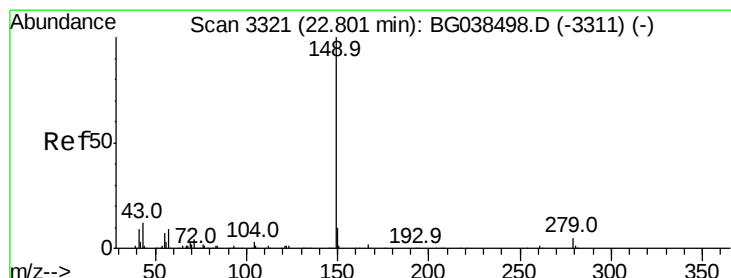
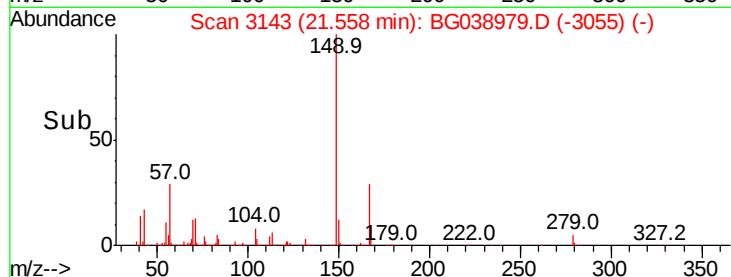
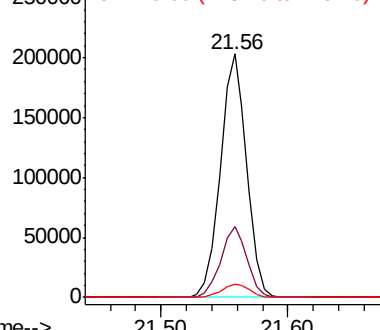
Ion	Ratio	Lower	Upper
149	100		
167	29.2	21.9	32.9
279	5.5	4.2	6.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 43.363 ng

RT: 22.78 min Scan# 3351

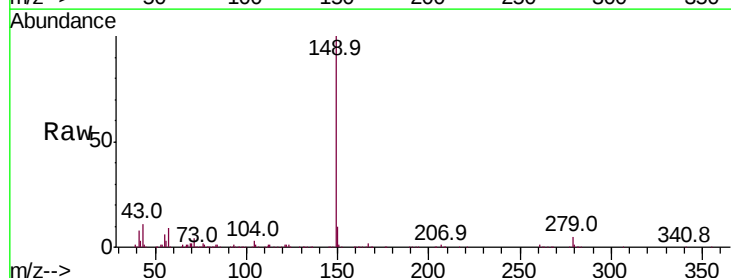
Delta R.T. -0.02 min

Lab File: BG038979.D

Acq: 7 Jan 2019 23:07

Tgt Ion:149 Resp: 494898

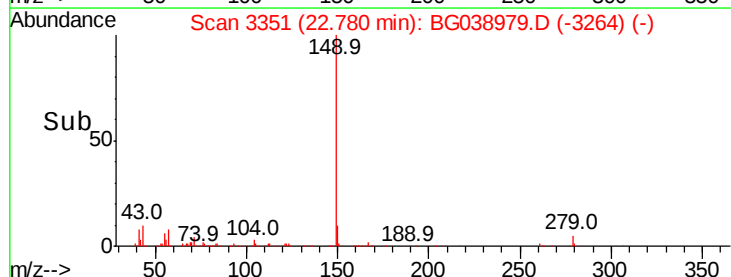
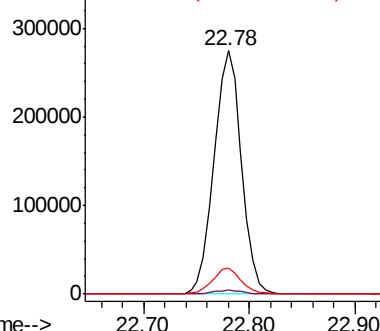
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	10.5	9.3	13.9

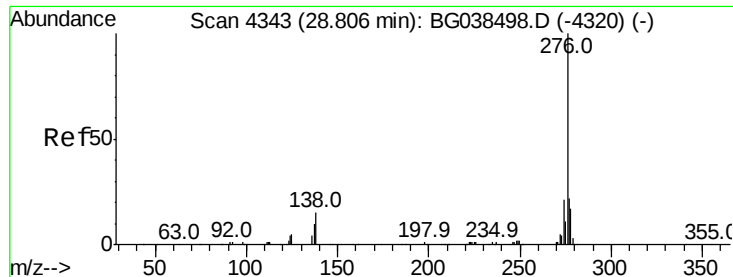


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#86

Indeno(1,2,3-cd)pyrene

Concen: 46.346 ng

RT: 28.78 min Scan# 4372

Delta R.T. -0.03 min

Lab File: BG038979.D

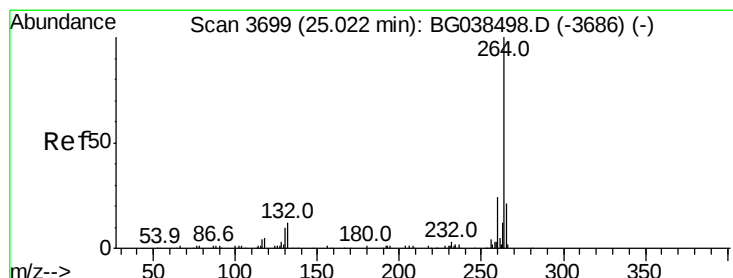
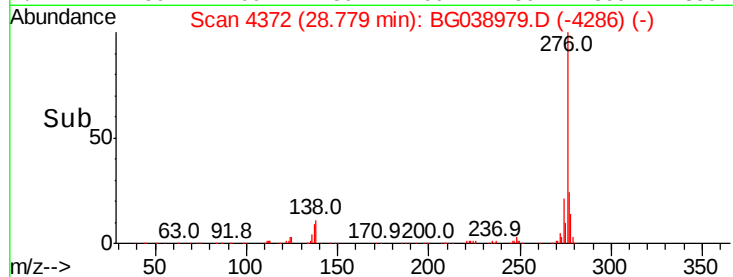
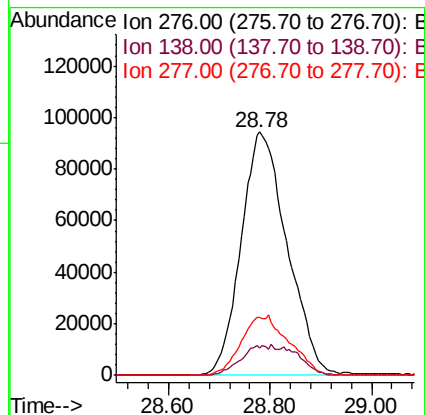
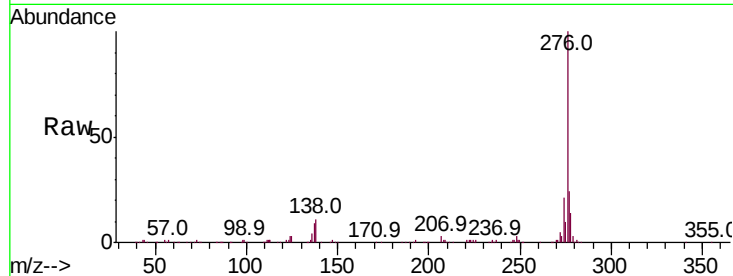
Acq: 7 Jan 2019 23:07

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	276	Resp:	595360
Ion	Ratio	Lower	Upper
276	100		
138	5.3	14.4	21.6#
277	0.0	0.0	0.0



#87

Perylene-d12

Concen: 20.000 ng

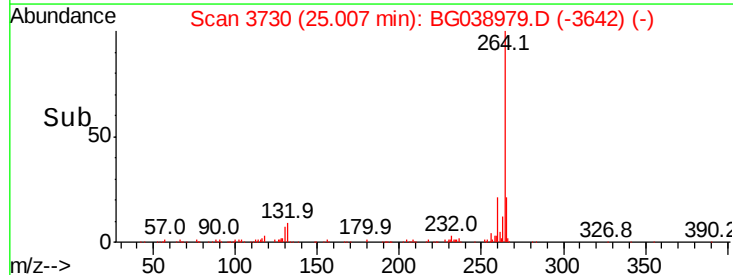
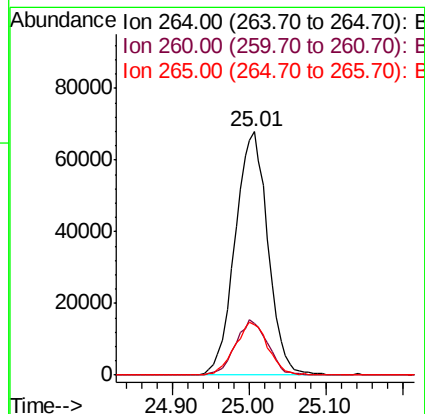
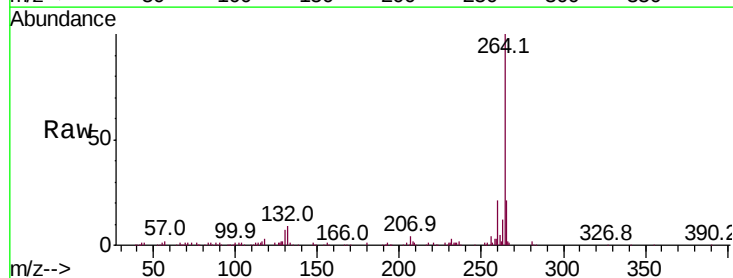
RT: 25.01 min Scan# 3730

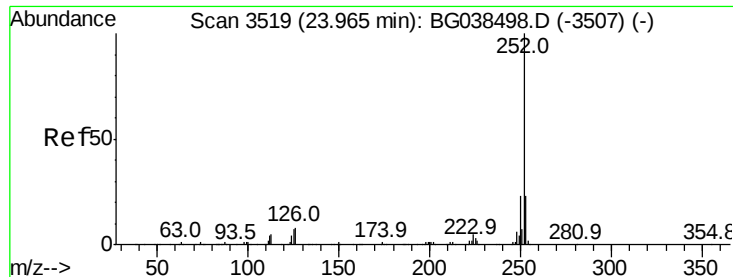
Delta R.T. -0.02 min

Lab File: BG038979.D

Acq: 7 Jan 2019 23:07

Tgt Ion:	264	Resp:	202162
Ion	Ratio	Lower	Upper
264	100		
260	21.3	18.9	28.3
265	20.6	17.0	25.4

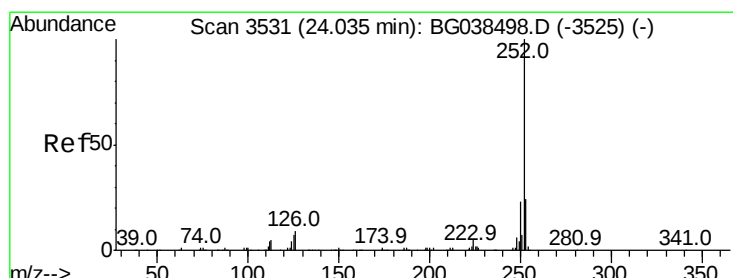
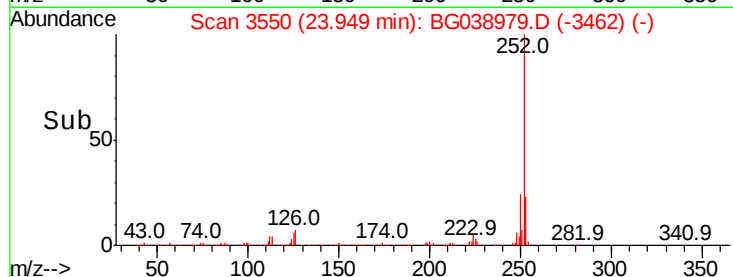
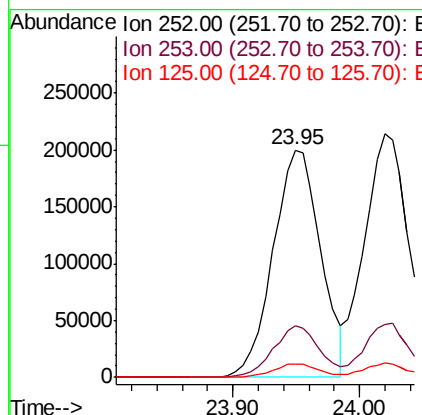
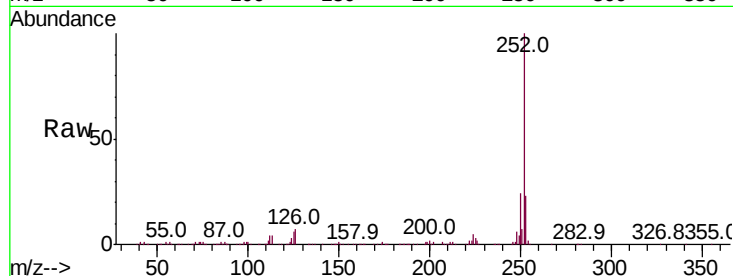




#88
Benzo(b)fluoranthene
Concen: 46.987 ng
RT: 23.95 min Scan# 3550
Delta R.T. -0.02 min
Lab File: BG038979.D
Acq: 7 Jan 2019 23:07

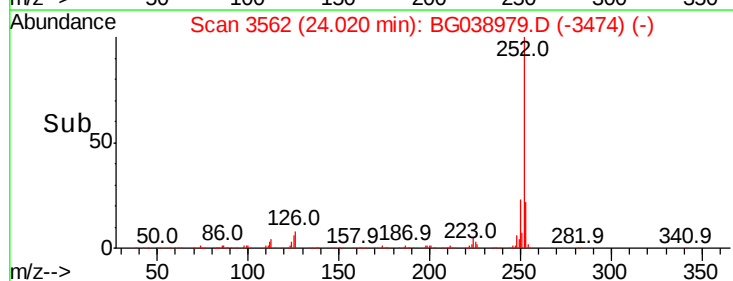
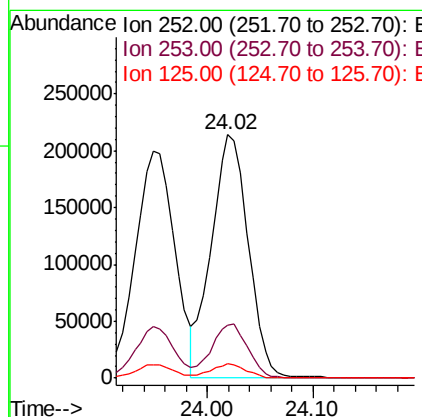
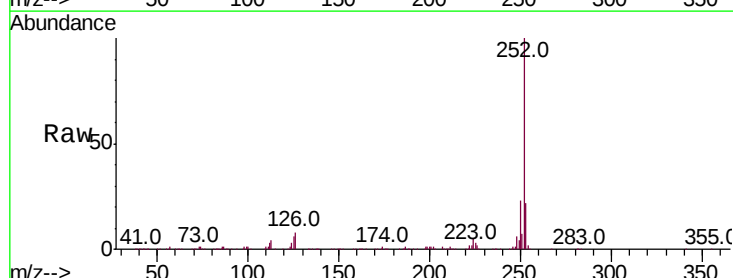
Instrument :
BNA_G
ClientSampleId :

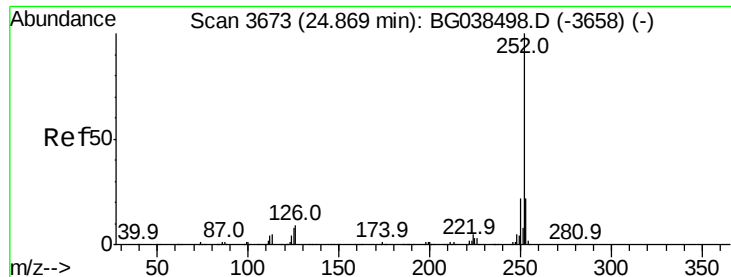
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	5.8	5.5	8.3



#89
Benzo(k)fluoranthene
Concen: 46.921 ng
RT: 24.02 min Scan# 3562
Delta R.T. -0.02 min
Lab File: BG038979.D
Acq: 7 Jan 2019 23:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.9	28.3
125	5.9	5.4	8.2

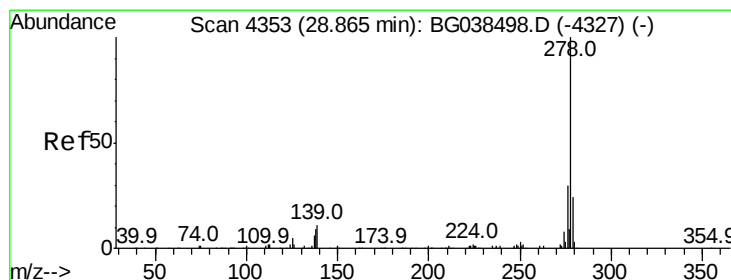
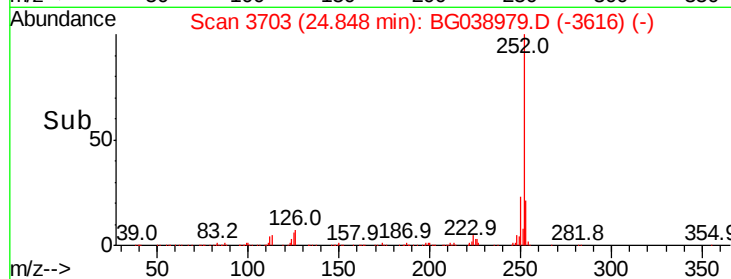
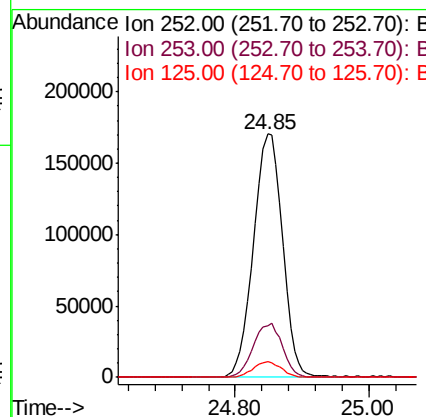
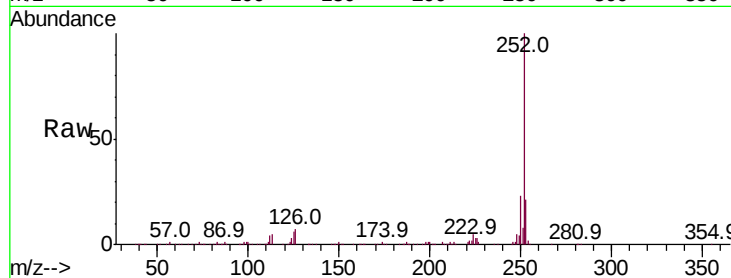




#90
Benzo(a)pyrene
Concen: 47.556 ng
RT: 24.85 min Scan# 3703
Delta R.T. -0.02 min
Lab File: BG038979.D
Acq: 7 Jan 2019 23:07

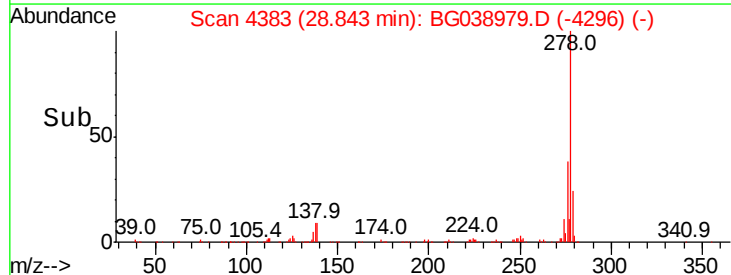
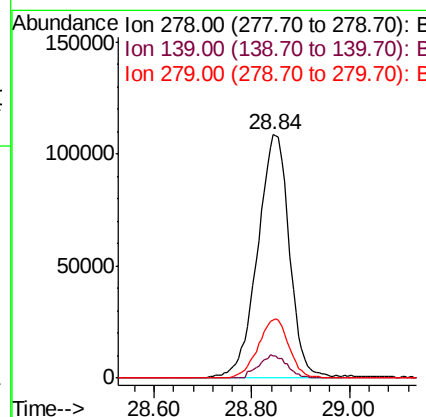
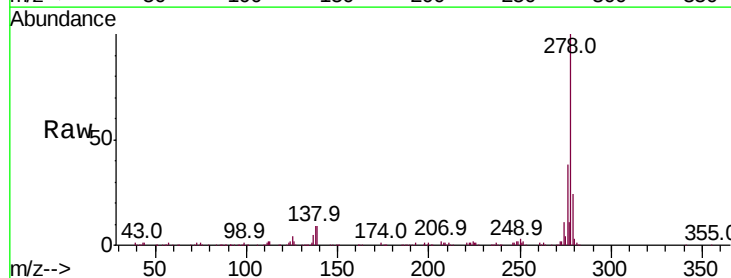
Instrument :
BNA_G
ClientSampleId :

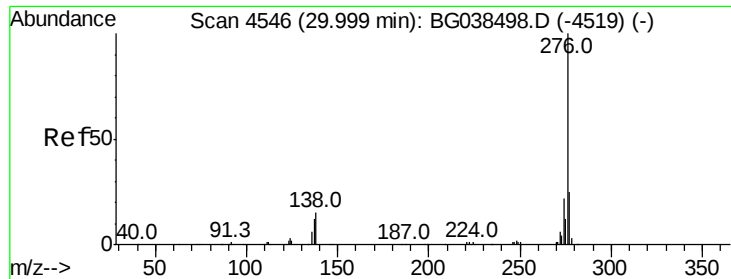
Tot Ion:252 Resp: 509237
Ion Ratio Lower Upper
252 100
253 21.1 17.4 26.0
125 6.3 6.4 9.6#



#91
Dibenzo(a,h)anthracene
Concen: 46.459 ng
RT: 28.84 min Scan# 4383
Delta R.T. -0.02 min
Lab File: BG038979.D
Acq: 7 Jan 2019 23:07

Tgt Ion:278 Resp: 495337
Ion Ratio Lower Upper
278 100
139 9.3 8.6 12.8
279 23.8 19.0 28.6





#92
 Benzo(a,h,i)perylene
 Concen: 46.873 ng
 RT: 29.98 min Scan# 4577
 Delta R.T. -0.02 min
 Lab File: BG038979.D
 Acq: 7 Jan 2019 23:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.8	29.8
138	11.5	11.8	17.6

