

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
 Data File : BG038555.D
 Acq On : 14 Dec 2018 5:52
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 14 06:27:49 2018
 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	8.06	152	28129	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	119407	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	77423	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	193401	20.00	ng	0.00
76) Chrysene-d12	21.72	240	191801	20.00	ng	0.00
87) Perylene-d12	25.02	264	213997	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	130310	82.17	ng	0.00
7) Phenol-d6	7.21	99	179413	82.41	ng	0.00
23) Nitrobenzene-d5	9.24	82	192618	82.41	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	89938	84.29	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	452238	80.13	ng	0.00
79) Terphenyl-d14	20.04	244	713221	80.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	28281	38.315	ng	96
3) Pyridine	3.90	79	80999	39.858	ng	89
4) n-Nitrosodimethylamine	3.82	42	43264	43.449	ng	# 88
6) Aniline	7.39	93	114424	41.170	ng	97
8) 2-Chlorophenol	7.62	128	75288	41.022	ng	99
9) Benzaldehyde	7.20	77	55062	38.985	ng	100
10) Phenol	7.24	94	94732	40.956	ng	97
11) bis(2-Chloroethyl)ether	7.48	93	72067	39.134	ng	98
12) 1,3-Dichlorobenzene	7.95	146	87478	40.312	ng	99
13) 1,4-Dichlorobenzene	8.09	146	88624	39.877	ng	96
14) 1,2-Dichlorobenzene	8.41	146	82871	39.553	ng	97
15) Benzyl Alcohol	8.30	79	73222	43.088	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	172682	40.934	ng	97
17) 2-Methylphenol	8.50	107	65193	42.068	ng	99
18) Hexachloroethane	9.14	117	32635	40.185	ng	97
19) n-Nitroso-di-n-propylamine	8.86	70	63475	41.510	ng	96
20) 3+4-Methylphenols	8.83	107	91614	42.806	ng	96
22) Acetophenone	8.89	105	119510	40.070	ng	# 97
24) Nitrobenzene	9.28	77	95884	40.551	ng	99
25) Isophorone	9.79	82	159589	38.002	ng	98
26) 2-Nitrophenol	9.99	139	47352	39.127	ng	98
27) 2,4-Dimethylphenol	10.03	122	69546	40.098	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	95671	40.369	ng	98
29) 2,4-Dichlorophenol	10.52	162	81897	42.444	ng	97
30) 1,2,4-Trichlorobenzene	10.74	180	93285	40.025	ng	97
31) Naphthalene	10.92	128	235479	40.025	ng	99
32) Benzoic acid	10.20	122	32477	33.402	ng	89
33) 4-Chloroaniline	11.04	127	107187	41.964	ng	99
34) Hexachlorobutadiene	11.19	225	62774	39.805	ng	95
35) Caprolactam	11.84	113	31785	39.805	ng	91
36) 4-Chloro-3-methylphenol	12.15	107	90147	40.941	ng	98
37) 2-Methylnaphthalene	12.53	142	172561	41.113	ng	98
38) 1-Methylnaphthalene	12.75	142	166537	40.889	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	117331	40.542	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	58646	36.885	nq	93
43) 2,4,6-Trichlorophenol	13.13	196	74422	41.823	nq	98
44) 2,4,5-Trichlorophenol	13.20	196	80909	42.945	nq	98
46) 1,1'-Biphenyl	13.53	154	260348	40.112	nq	97
47) 2-Chloronaphthalene	13.58	162	200160	39.923	nq	98
48) 2-Nitroaniline	13.79	65	69876	43.756	nq	95
49) Acenaphthylene	14.42	152	306177	40.850	nq	99
50) Dimethylphthalate	14.14	163	258034	40.811	nq	99
51) 2,6-Dinitrotoluene	14.28	165	58843	41.068	nq	97
52) Acenaphthene	14.76	154	184541	41.175	nq	99
53) 3-Nitroaniline	14.61	138	62571	42.840	nq	96
54) 2,4-Dinitrophenol	14.82	184	28295	36.221	nq	98
55) Dibenzofuran	15.09	168	310548	40.423	nq	99
56) 4-Nitrophenol	14.91	139	46038	41.549	nq	98
57) 2,4-Dinitrotoluene	15.06	165	83687	41.469	nq	99
58) Fluorene	15.74	166	233552	41.033	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	70827	41.785	nq	99
60) Diethylphthalate	15.50	149	276200	39.793	nq	99
61) 4-Chlorophenyl-phenylether	15.73	204	145972	41.103	nq	99
62) 4-Nitroaniline	15.78	138	64687	43.019	nq	96
63) Azobenzene	16.02	77	237954	41.039	nq	98
65) 4,6-Dinitro-2-methylphenol	15.83	198	53925	39.087	nq	92
66) n-Nitrosodiphenylamine	15.95	169	234041	41.186	nq	97
67) 4-Bromophenyl-phenylether	16.62	248	94892	40.175	nq	96
68) Hexachlorobenzene	16.74	284	99469	40.625	nq	97
69) Atrazine	16.89	200	89554	42.466	nq	99
70) Pentachlorophenol	17.09	266	60288	41.629	nq	97
71) Phenanthrene	17.49	178	402742	40.157	nq	98
72) Anthracene	17.58	178	399538	40.354	nq	99
73) Carbazole	17.85	167	400830	40.936	nq	99
74) Di-n-butylphthalate	18.38	149	457080	40.682	nq	99
75) Fluoranthene	19.49	202	491460	39.606	nq	98
77) Benzidine	19.67	184	228494	40.282	nq	99
78) Pyrene	19.86	202	503849	39.764	nq	100
80) Butylbenzylphthalate	20.72	149	202827	40.972	nq	98
81) Benzo(a)anthracene	21.70	228	481732	41.218	nq	98
82) 3,3'-Dichlorobenzidine	21.62	252	195124	42.096	nq	99
83) Chrysene	21.77	228	455792	40.489	nq	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	290525	41.380	nq	98
85) Di-n-octyl phthalate	22.79	149	487381	41.450	nq	99
86) Indeno(1,2,3-cd)pyrene	28.79	276	559802	42.298	nq	# 98
88) Benzo(b)fluoranthene	23.96	252	484397	41.228	nq	99
89) Benzo(k)fluoranthene	24.03	252	467692	39.974	nq	98
90) Benzo(a)pyrene	24.86	252	466665	41.170	nq	98
91) Dibenzo(a,h)anthracene	28.86	278	465887	41.280	nq	100
92) Benzo(g,h,i)perylene	29.99	276	457818	41.162	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

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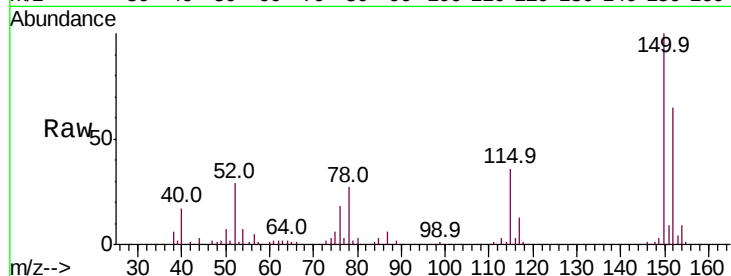
Tot Ion:152 Resp: 28129

Ion Ratio Lower Upper

152 100

150 154.5 119.5 179.3

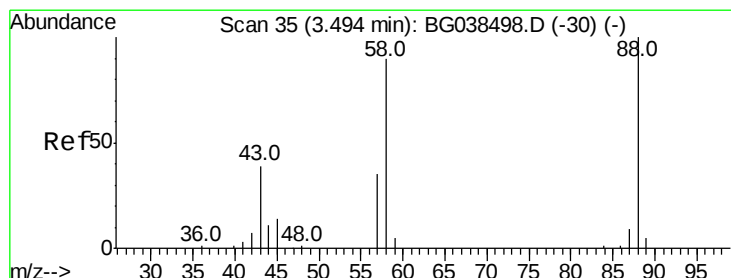
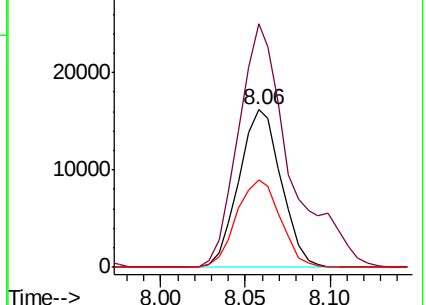
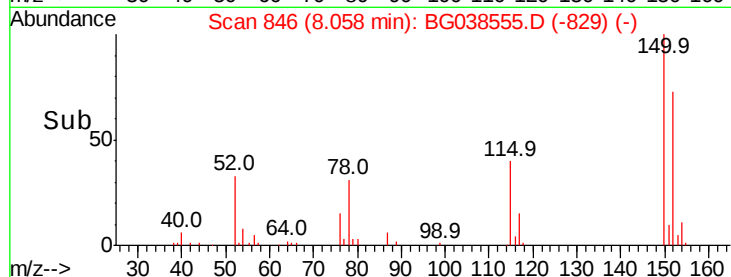
115 55.7 49.6 74.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.315 ng

RT: 3.49 min Scan# 69

Delta R.T. -0.00 min

Lab File: BG038555.D

Acq: 14 Dec 2018 5:52

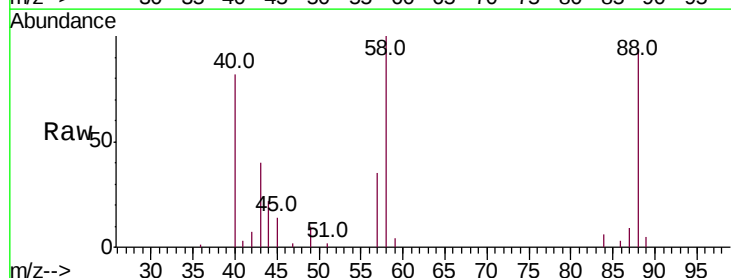
Tgt Ion: 88 Resp: 28281

Ion Ratio Lower Upper

88 100

58 100.3 75.7 113.5

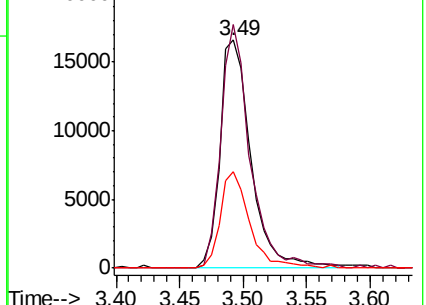
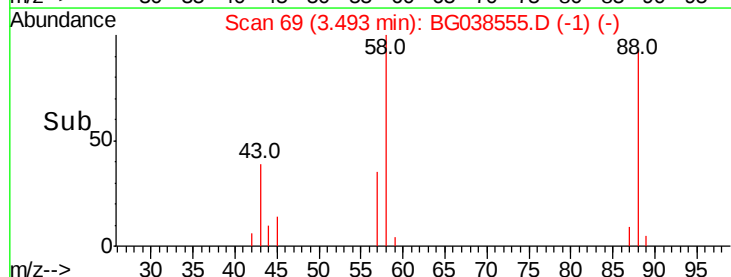
43 40.0 31.6 47.4

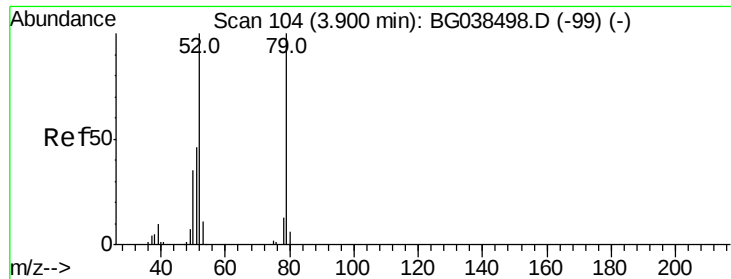


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

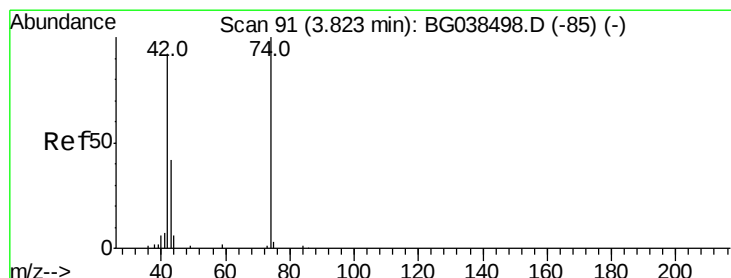
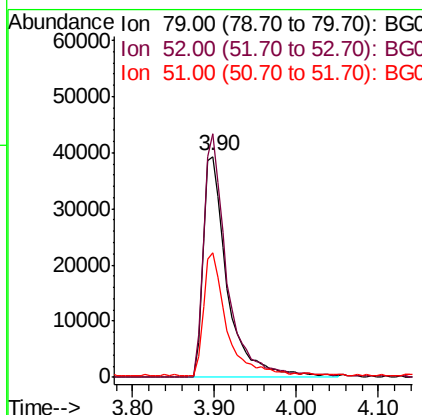
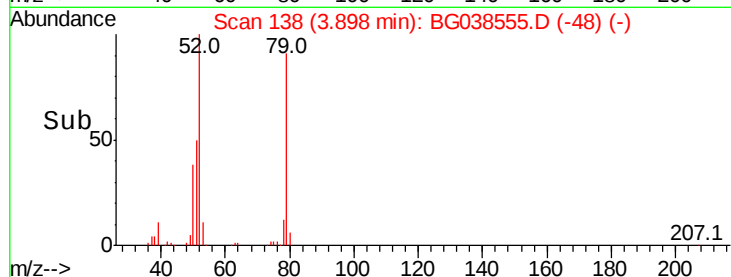
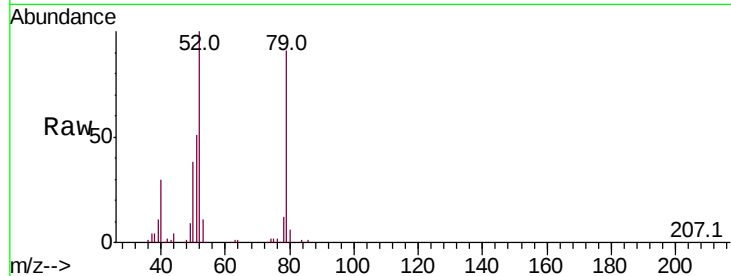




#3
 Pvridine
 Concen: 39.858 ng
 RT: 3.90 min Scan# 138
 Delta R.T. -0.00 min
 Lab File: BG038555.D
 Acq: 14 Dec 2018 5:52

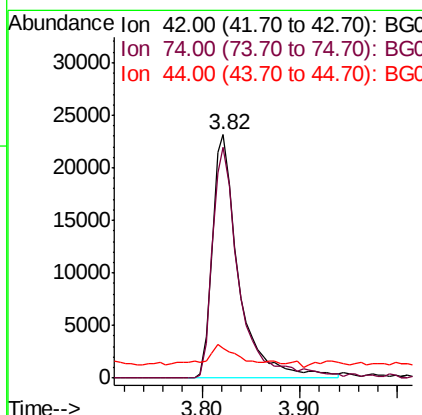
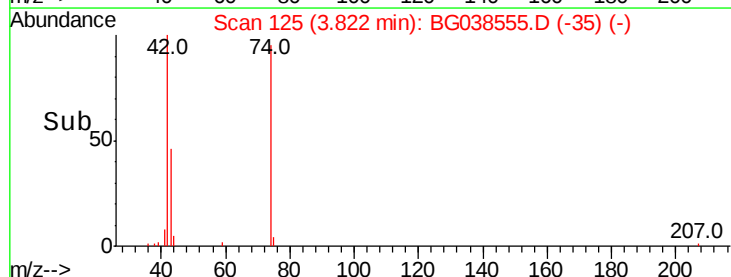
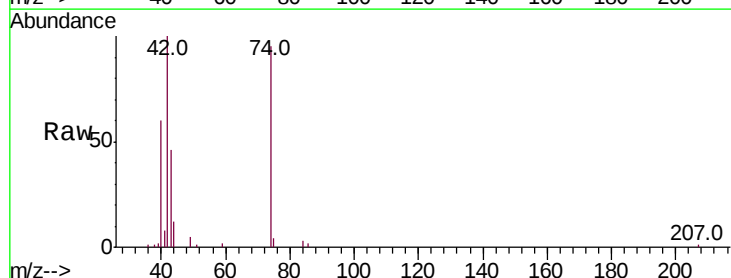
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

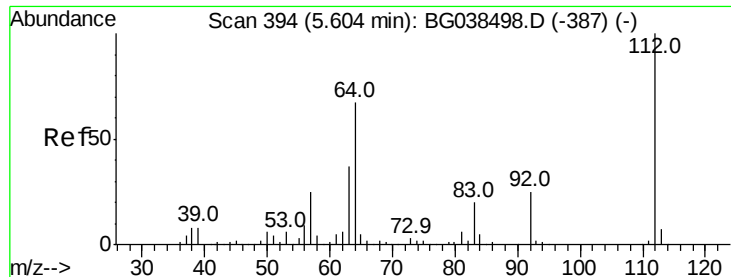
Tot Ion: 79 Resp: 80999
 Ion Ratio Lower Upper
 79 100
 52 110.3 80.2 120.2
 51 56.5 38.0 57.0



#4
 n-Nitrosodimethylamine
 Concen: 43.449 ng
 RT: 3.82 min Scan# 125
 Delta R.T. -0.00 min
 Lab File: BG038555.D
 Acq: 14 Dec 2018 5:52

Tgt Ion: 42 Resp: 43264
 Ion Ratio Lower Upper
 42 100
 74 95.0 86.7 130.1
 44 12.4 7.8 11.8#





#5

2-Fluorophenol

Concen: 82.166 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.00 min

Lab File: BG038555.D

Acq: 14 Dec 2018 5:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

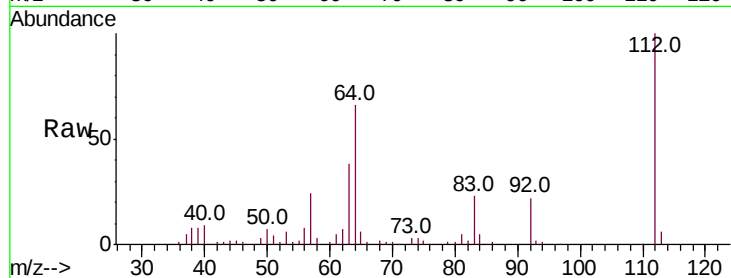
Tot Ion:112 Resp: 130310

Ion Ratio Lower Upper

112 100

64 66.1 53.4 80.2

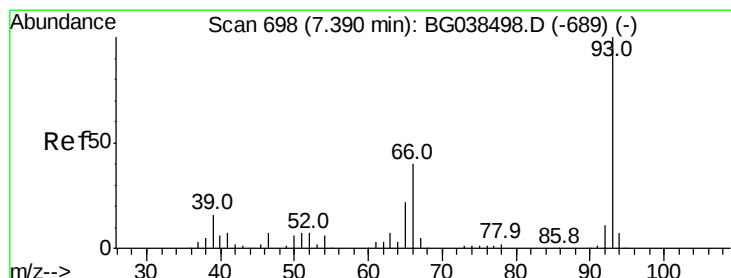
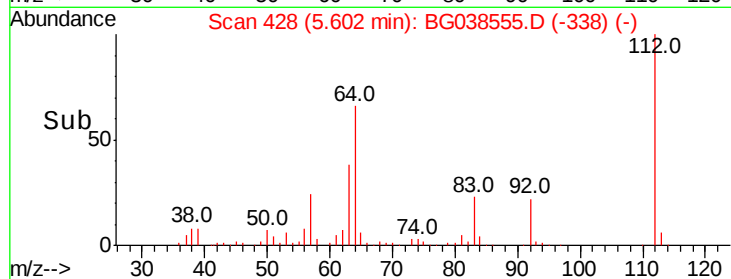
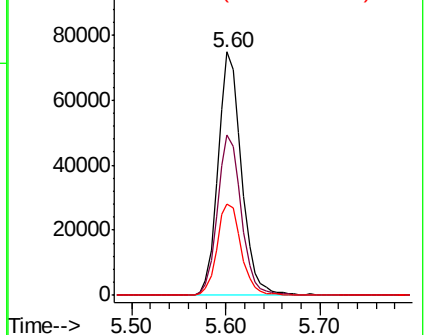
63 37.6 29.3 43.9



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: 41.170 ng

RT: 7.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BG038555.D

Acq: 14 Dec 2018 5:52

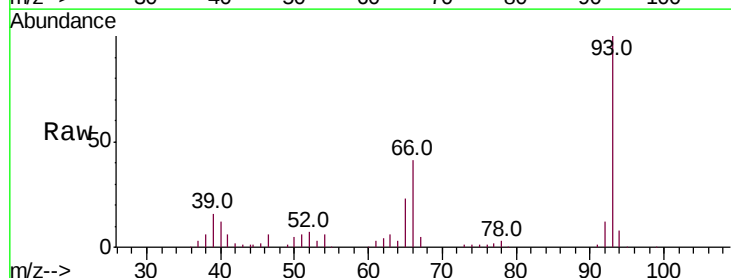
Tgt Ion: 93 Resp: 114424

Ion Ratio Lower Upper

93 100

66 41.5 31.7 47.5

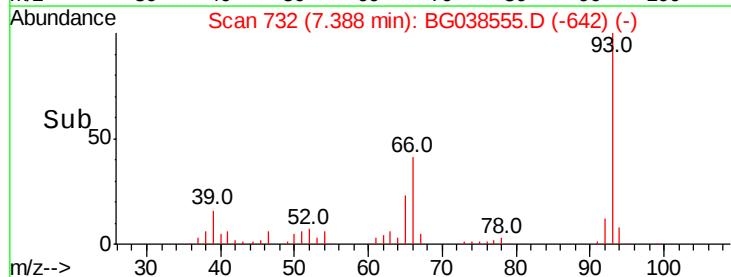
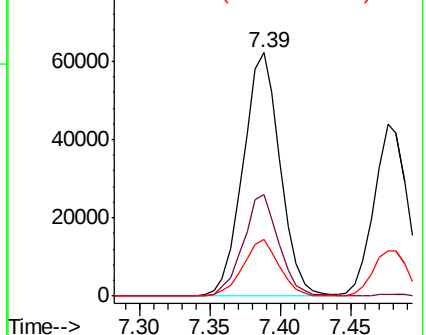
65 23.1 17.8 26.6

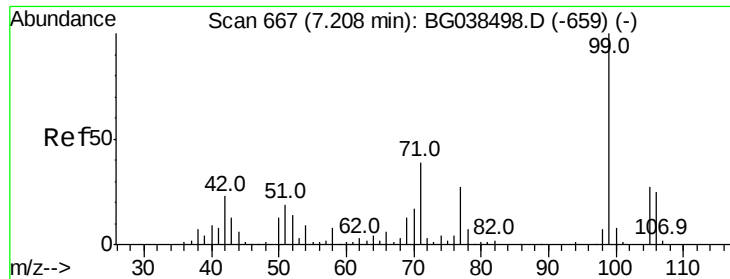


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 82.406 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038555.D

Acq: 14 Dec 2018 5:52

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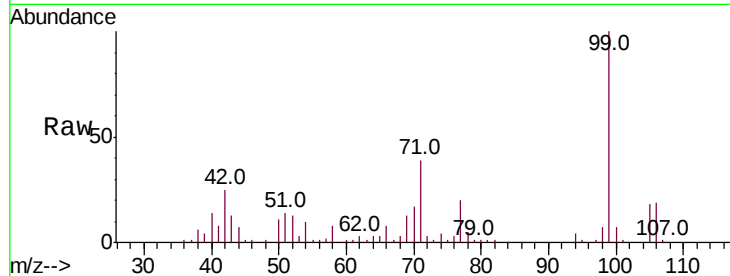
Tot Ion: 99 Resp: 179413

Ion Ratio Lower Upper

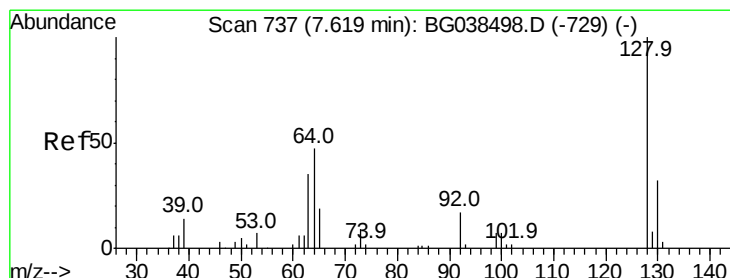
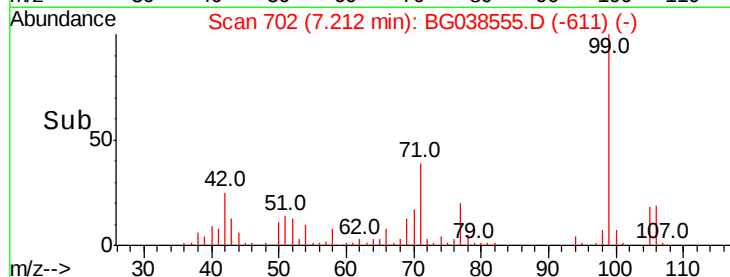
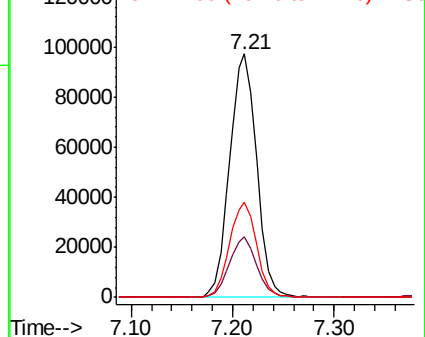
99 100

42 24.8 18.5 27.7

71 39.0 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: 41.022 ng

RT: 7.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BG038555.D

Acq: 14 Dec 2018 5:52

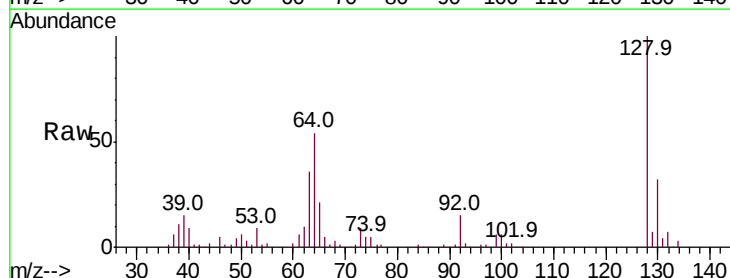
Tgt Ion: 128 Resp: 75288

Ion Ratio Lower Upper

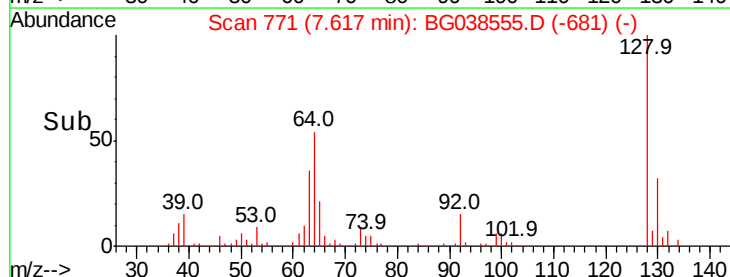
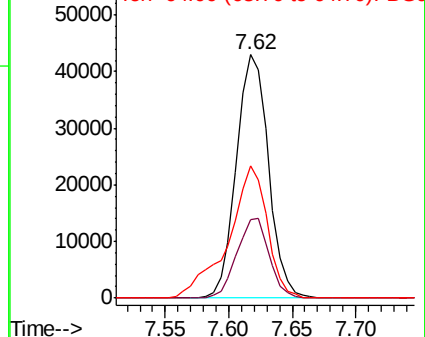
128 100

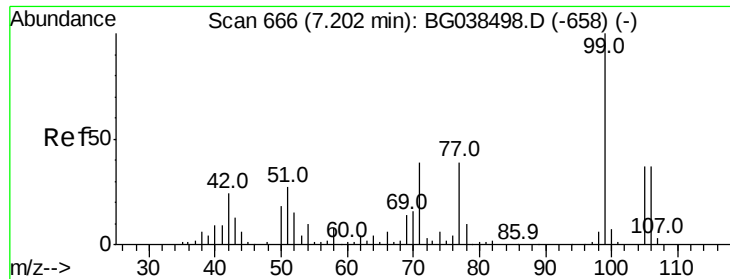
130 32.1 11.8 51.8

64 54.2 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: 38.985 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038555.D

Acq: 14 Dec 2018 5:52

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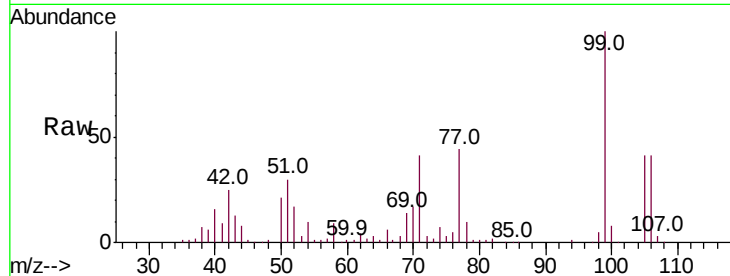
Tot Ion: 77 Resp: 55062

Ion Ratio Lower Upper

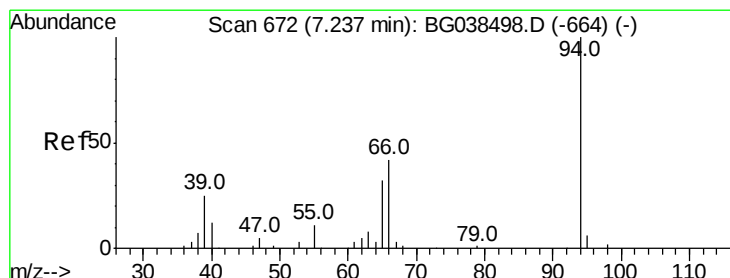
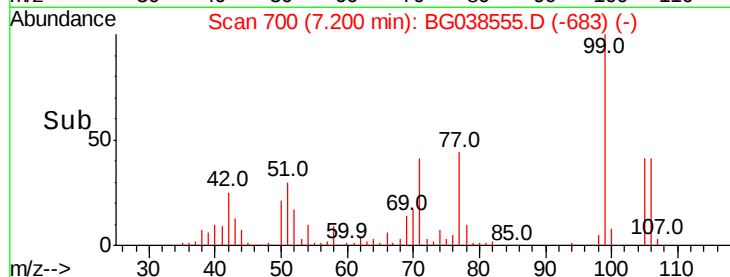
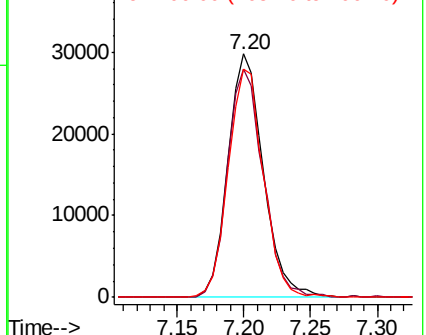
77 100

105 93.5 74.0 114.0

106 93.8 73.9 113.9



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



#10

Phenol

Concen: 40.956 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038555.D

Acq: 14 Dec 2018 5:52

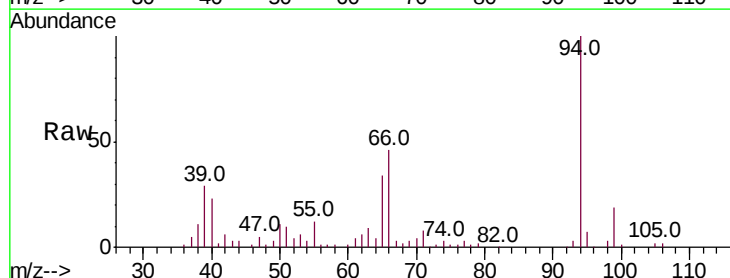
Tgt Ion: 94 Resp: 94732

Ion Ratio Lower Upper

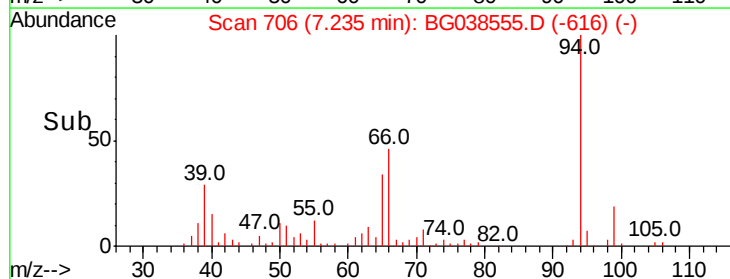
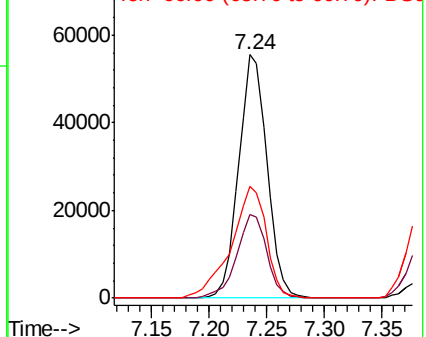
94 100

65 34.2 12.6 52.6

66 45.8 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

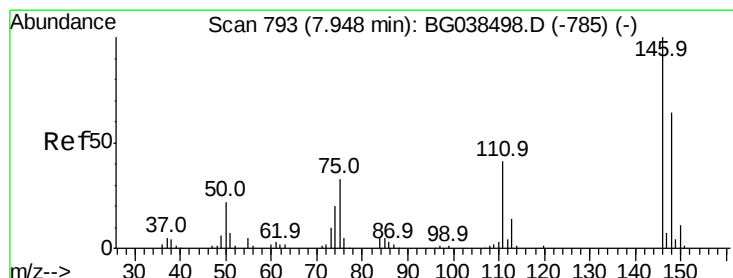
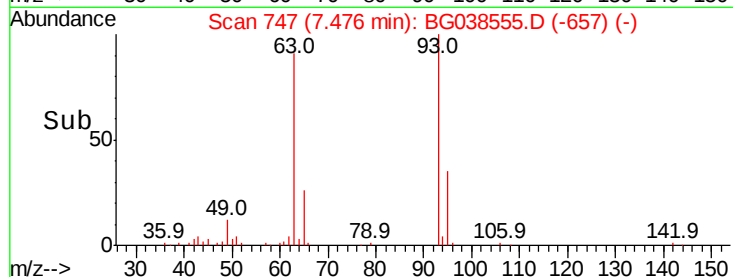
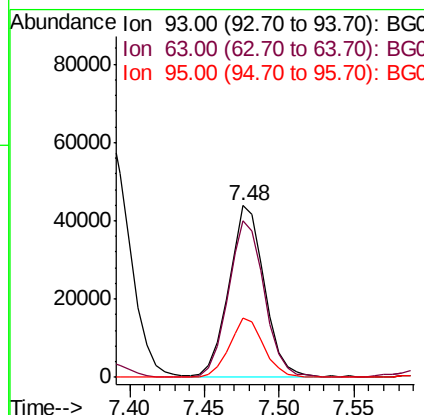
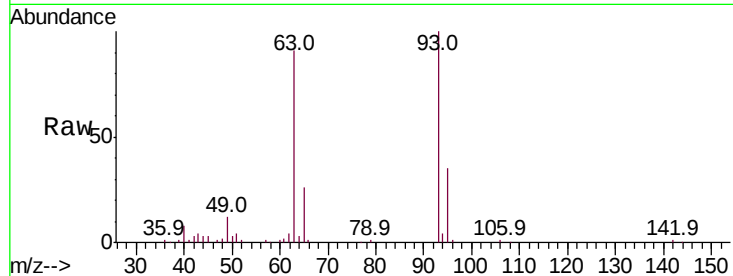




#11
 bis(2-Chloroethyl)ether
 Concen: 39.134 ng
 RT: 7.48 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BG038555.D
 Acq: 14 Dec 2018 5:52

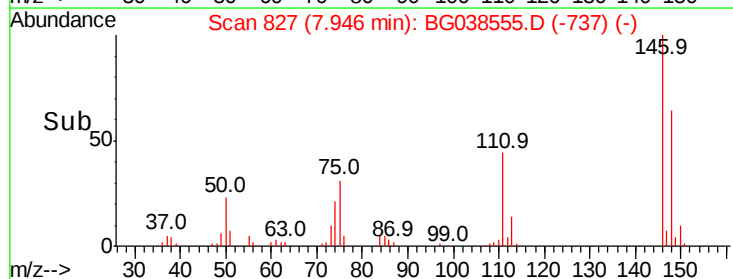
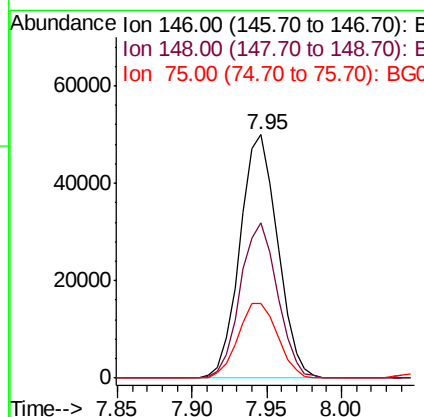
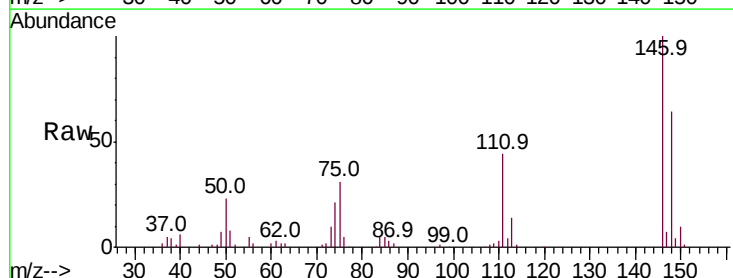
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

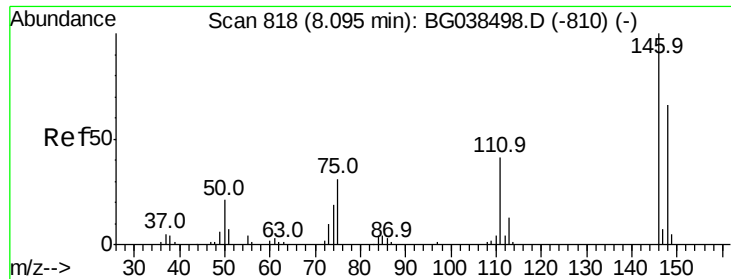
Tot Ion:	93	Resp:	72067
Ion	Ratio	Lower	Upper
93	100		
63	91.2	72.2	112.2
95	34.7	11.2	51.2



#12
 1,3-Dichlorobenzene
 Concen: 40.312 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BG038555.D
 Acq: 14 Dec 2018 5:52

Tgt Ion:	146	Resp:	87478
Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.4	77.0
75	30.8	26.1	39.1





#13

1,4-Dichlorobenzene

Concen: 39.877 ng

RT: 8.09 min Scan# 852

Delta R.T. -0.00 min

Lab File: BG038555.D

Acq: 14 Dec 2018 5:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

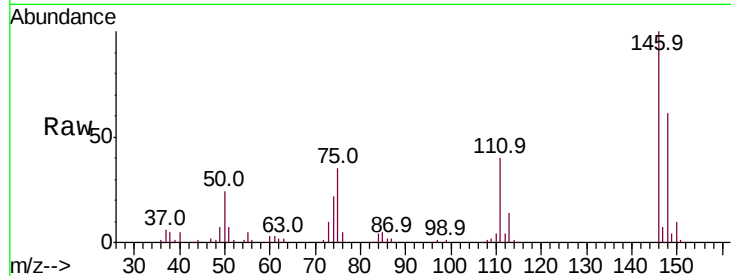
Tot Ion:146 Resp: 88624

Ion Ratio Lower Upper

146 100

148 61.2 52.4 78.6

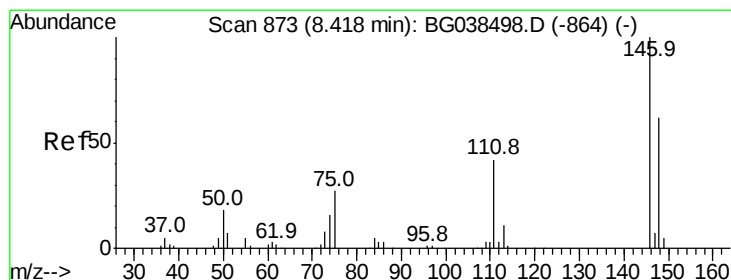
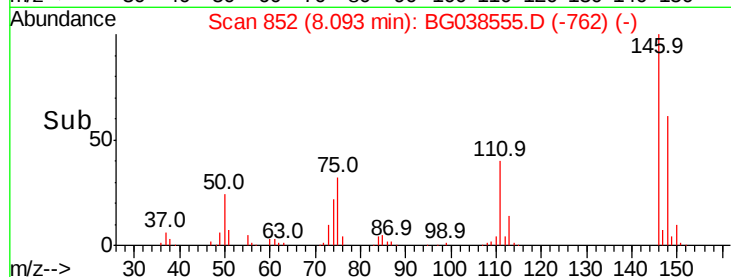
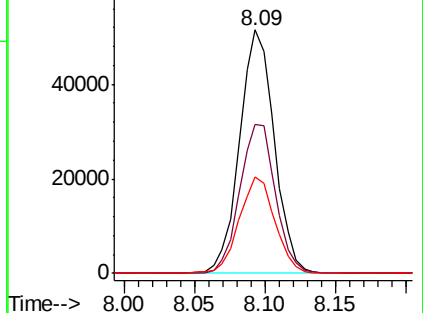
111 39.8 33.0 49.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.553 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG038555.D

Acq: 14 Dec 2018 5:52

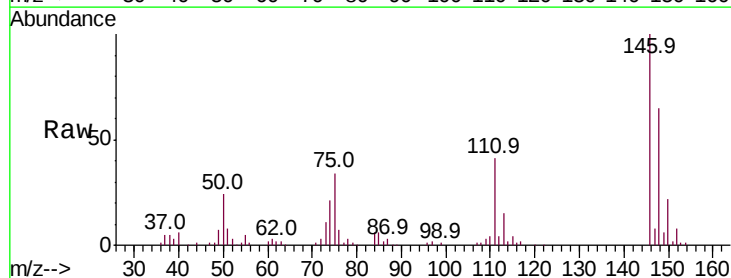
Tgt Ion:146 Resp: 82871

Ion Ratio Lower Upper

146 100

148 64.7 49.4 74.0

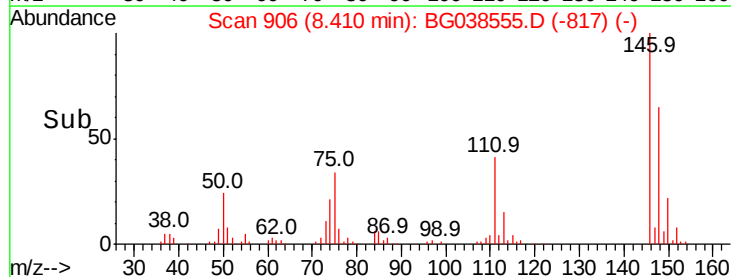
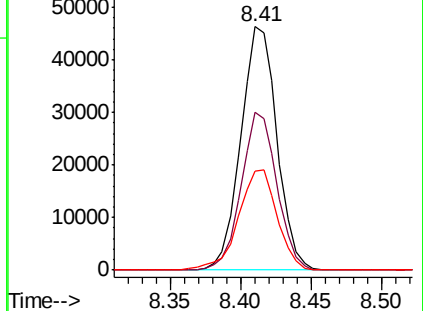
111 40.7 33.8 50.6

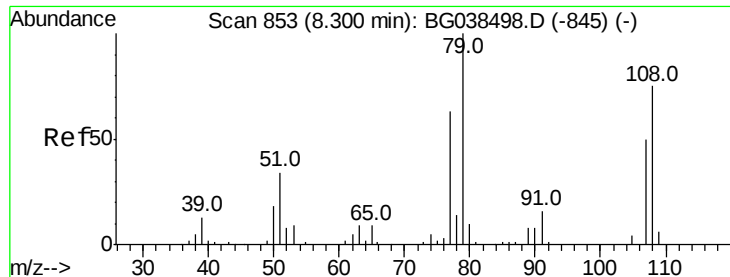


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.088 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG038555.D

Acq: 14 Dec 2018 5:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

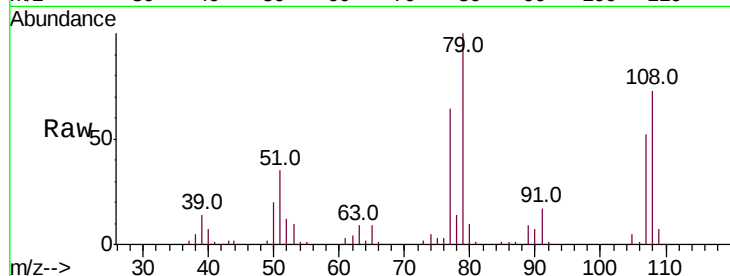
Tot Ion: 79 Resp: 73222

Ion Ratio Lower Upper

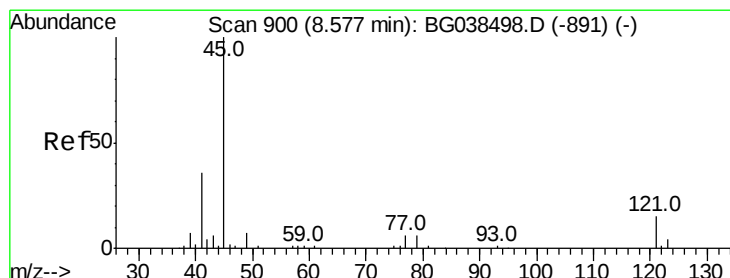
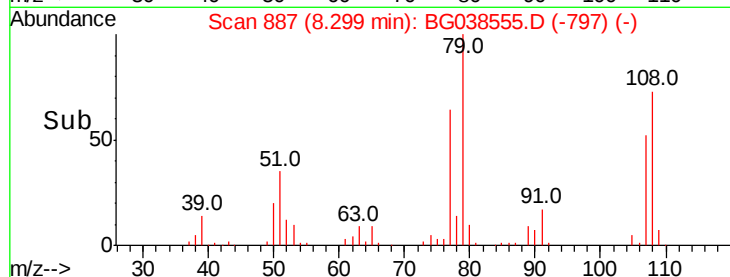
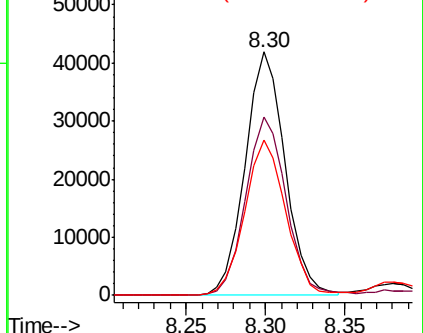
79 100

108 73.1 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: 40.934 ng

RT: 8.58 min Scan# 935

Delta R.T. 0.00 min

Lab File: BG038555.D

Acq: 14 Dec 2018 5:52

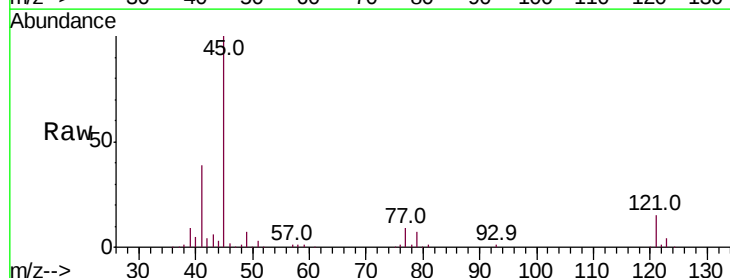
Tgt Ion: 45 Resp: 172682

Ion Ratio Lower Upper

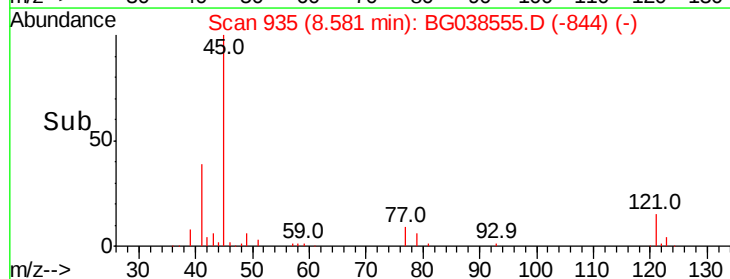
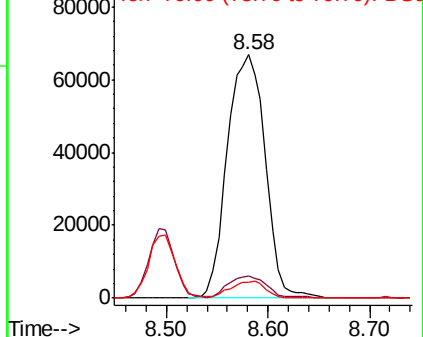
45 100

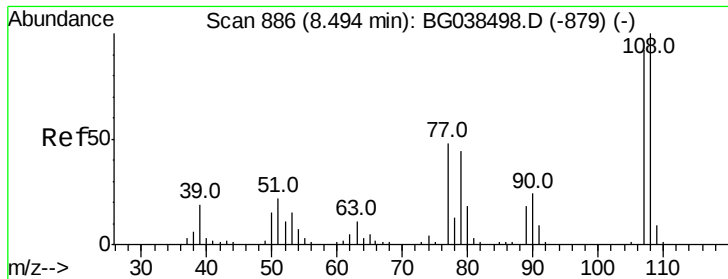
77 9.4 0.0 28.2

79 6.6 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

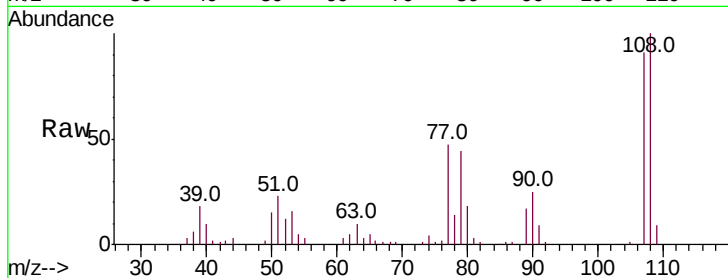




#17
2-Methylphenol
Concen: 42.068 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.00 min
Lab File: BG038555.D
Acq: 14 Dec 2018 5:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	65193
Ion	Ratio	Lower	Upper
107	100		
108	109.5	87.1	130.7
77	52.0	42.0	63.0
79	48.1	38.2	57.2



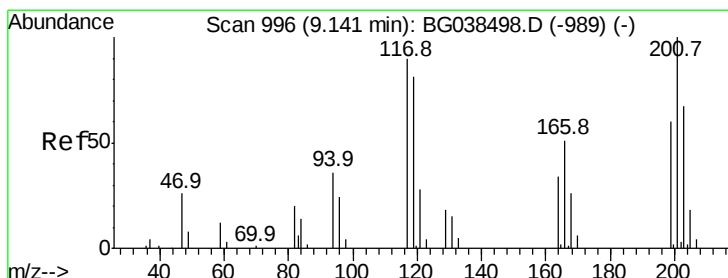
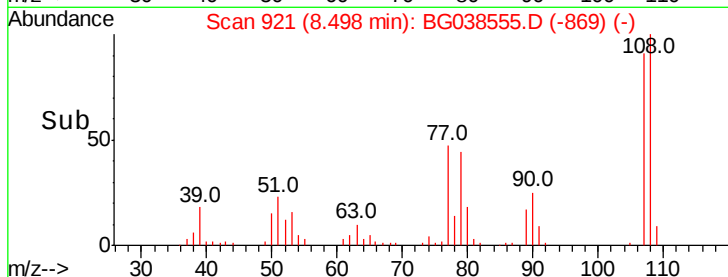
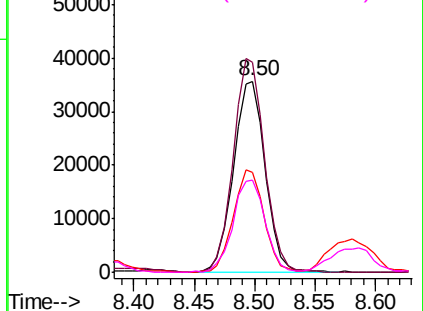
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

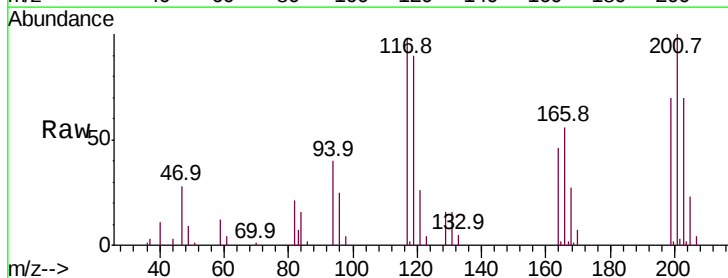
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 40.185 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG038555.D
Acq: 14 Dec 2018 5:52

Tgt Ion:	117	Resp:	32635
Ion	Ratio	Lower	Upper
117	100		
119	91.9	73.8	110.8
201	105.7	89.4	134.0

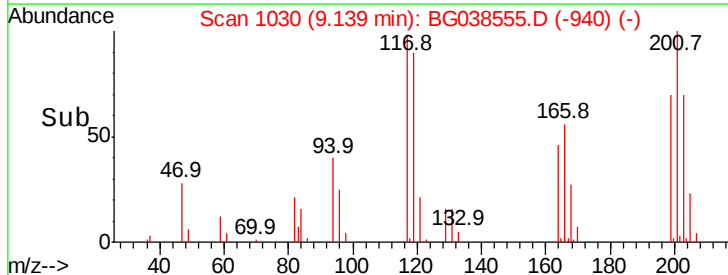
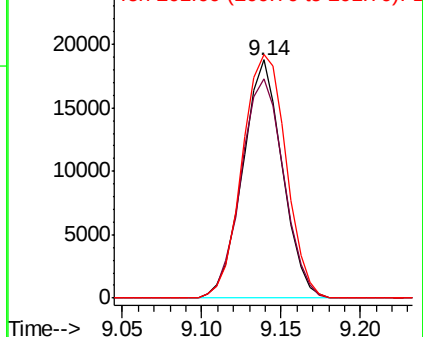


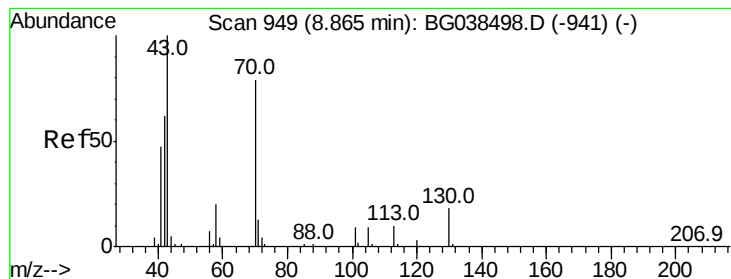
Abundance

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: 41.510 ng

RT: 8.86 min Scan# 983

Delta R.T. -0.00 min

Lab File: BG038555.D

Acq: 14 Dec 2018 5:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 63475

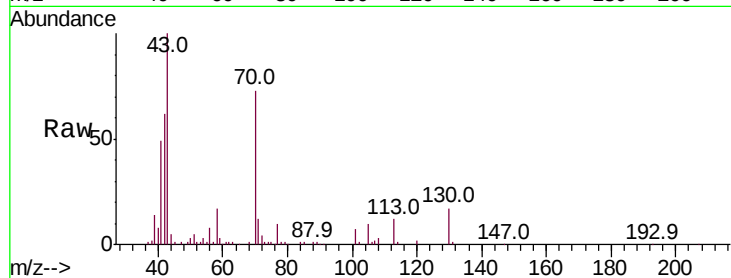
Ion Ratio Lower Upper

70 100

42 84.0 63.6 95.4

101 9.9 9.2 13.8

130 23.4 18.5 27.7

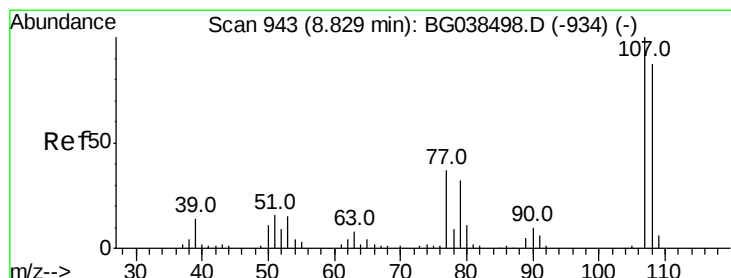
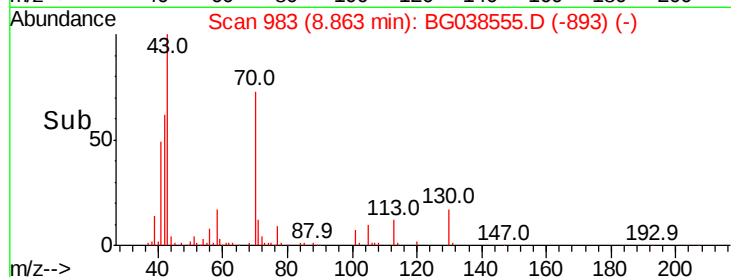
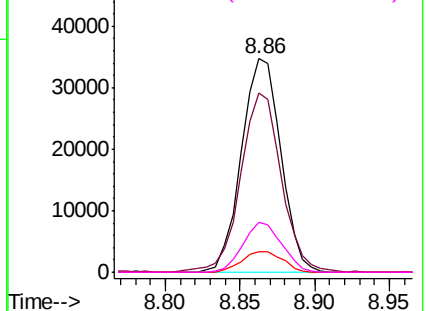


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 42.806 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG038555.D

Acq: 14 Dec 2018 5:52

Tgt Ion:107 Resp: 91614

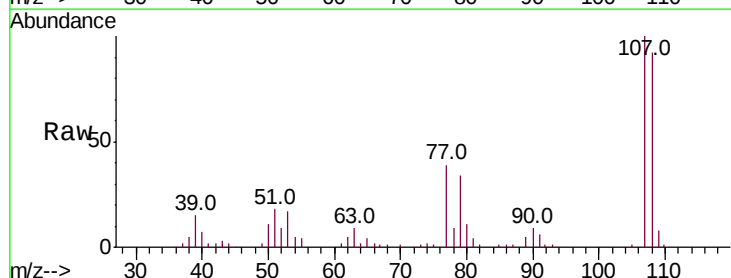
Ion Ratio Lower Upper

107 100

108 92.3 66.7 106.7

77 38.6 17.3 57.3

79 33.9 12.3 52.3

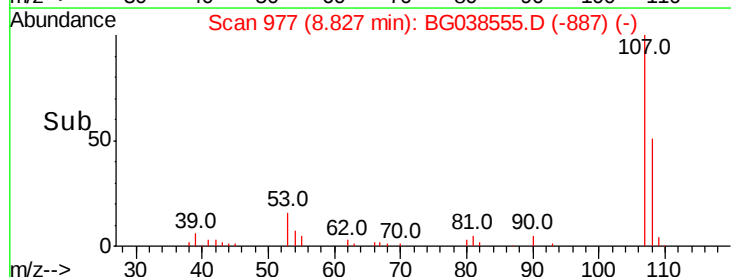
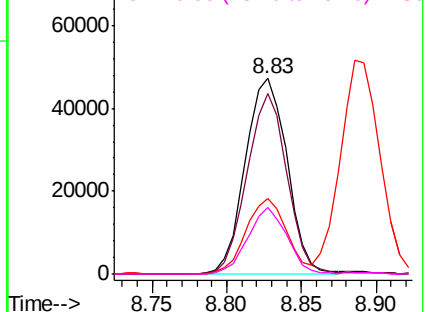


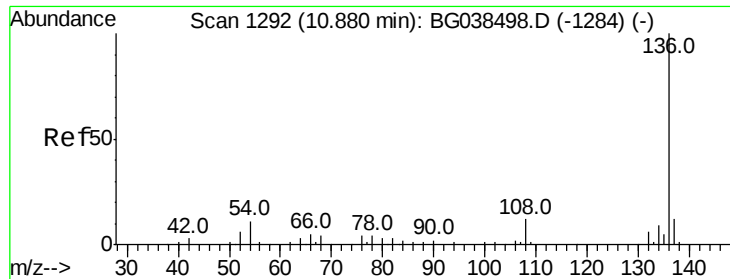
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

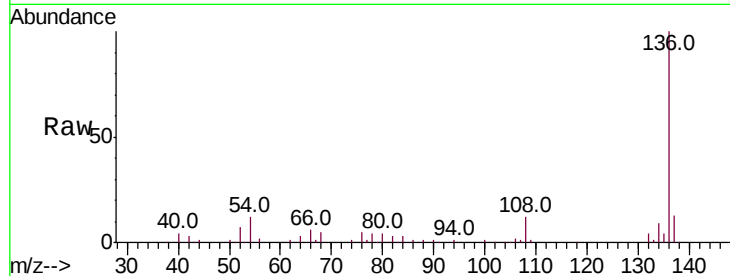




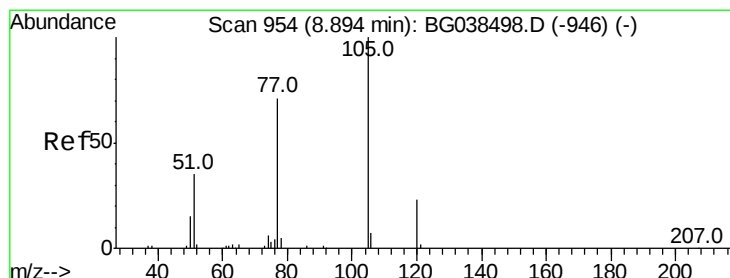
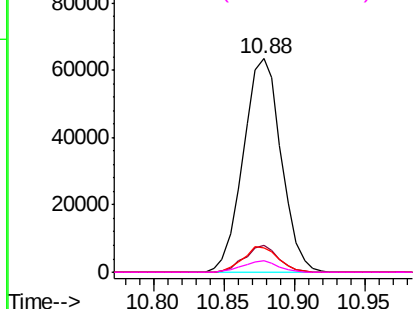
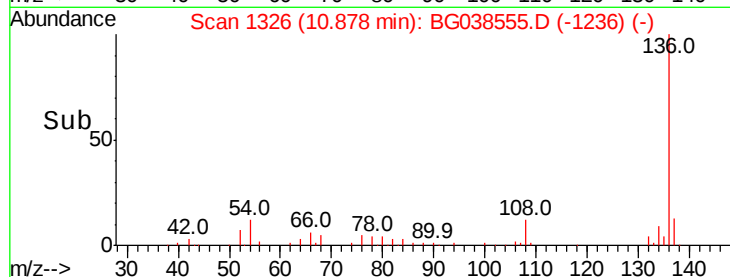
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038555.D
Acq: 14 Dec 2018 5:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	119407
Ion Ratio	Lower	Upper
136	100	
137	12.5	9.3 13.9
54	11.6	8.5 12.7
68	5.3	3.5 5.3

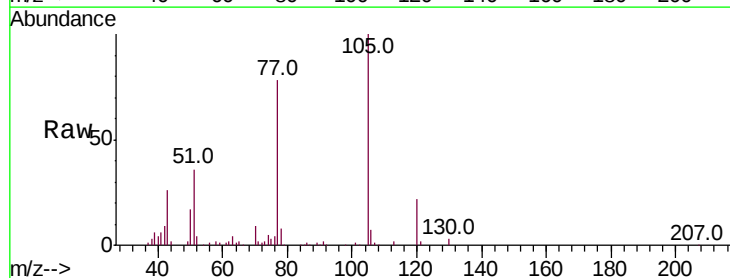


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

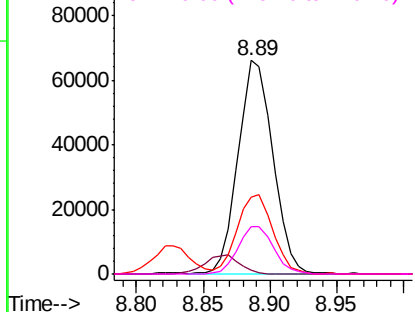
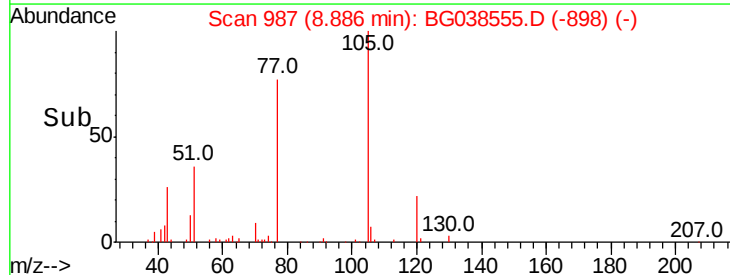


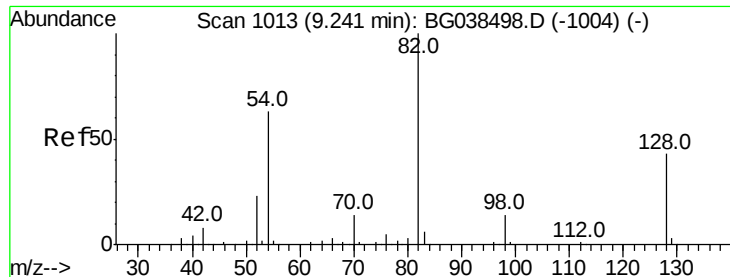
#22
Acetophenone
Concen: 40.070 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG038555.D
Acq: 14 Dec 2018 5:52

Tgt Ion:105	Resp:	119510
Ion Ratio	Lower	Upper
105	100	
71	1.5	0.4 0.6#
51	36.1	30.6 46.0
120	21.9	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

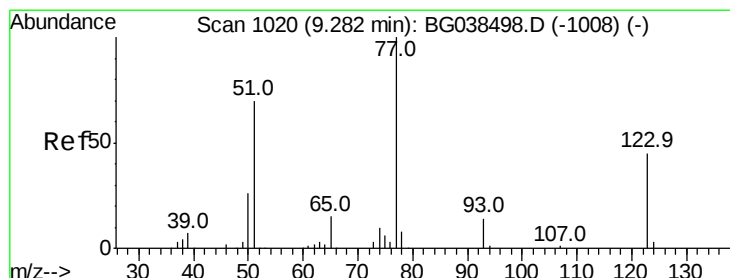
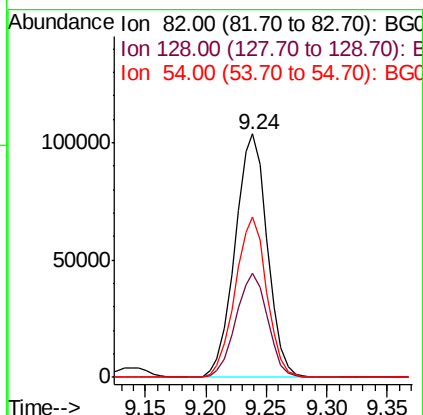
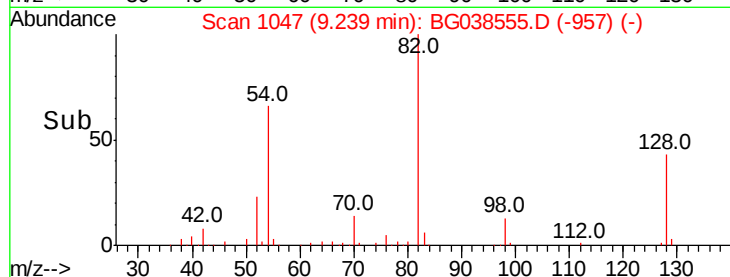
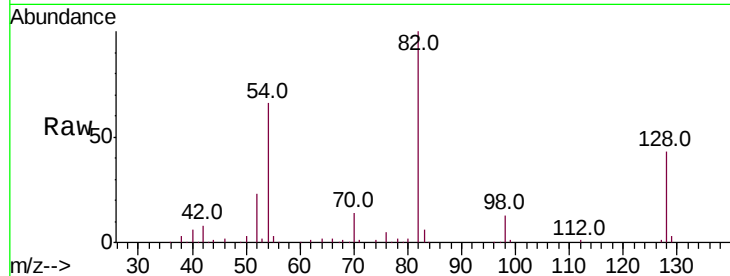




#23
Nitrobenzene-d5
Concen: 82.410 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038555.D
Acq: 14 Dec 2018 5:52

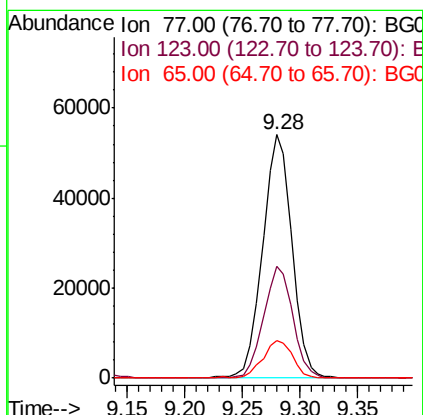
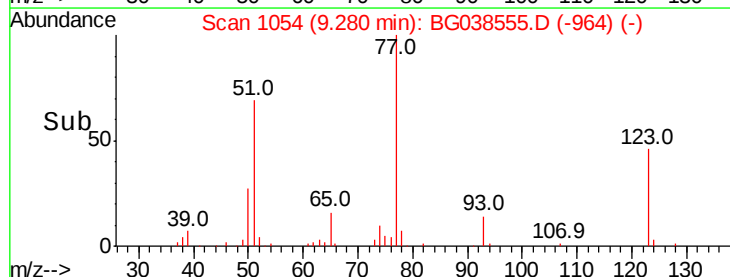
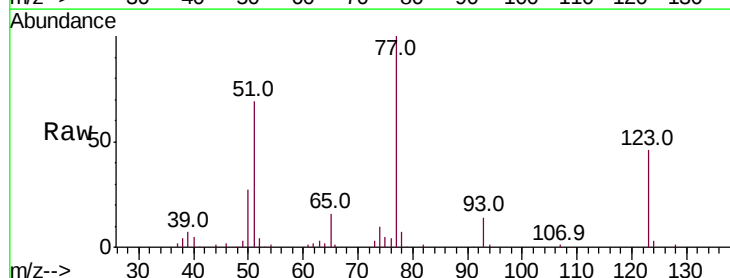
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

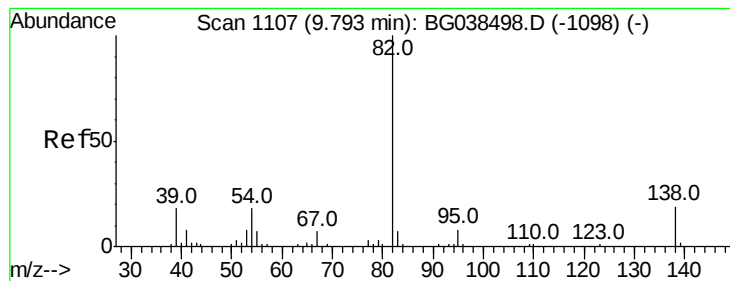
Tot Ion: 82 Resp: 192618
Ion Ratio Lower Upper
82 100
128 42.7 34.6 52.0
54 65.9 50.6 76.0



#24
Nitrobenzene
Concen: 40.551 ng
RT: 9.28 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BG038555.D
Acq: 14 Dec 2018 5:52

Tgt Ion: 77 Resp: 95884
Ion Ratio Lower Upper
77 100
123 45.7 35.9 53.9
65 15.6 12.0 18.0





#25

Isophorone

Concen: 38.002 ng

RT: 9.79 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BG038555.D

Acq: 14 Dec 2018 5:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

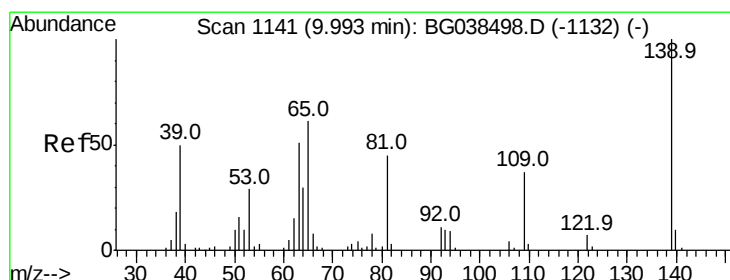
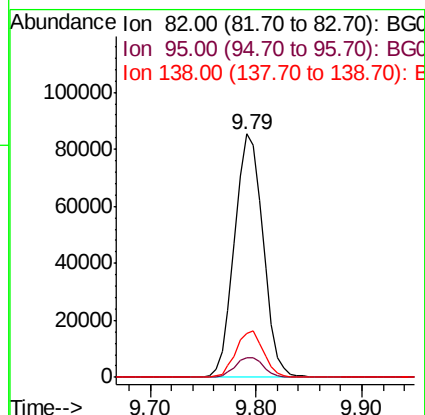
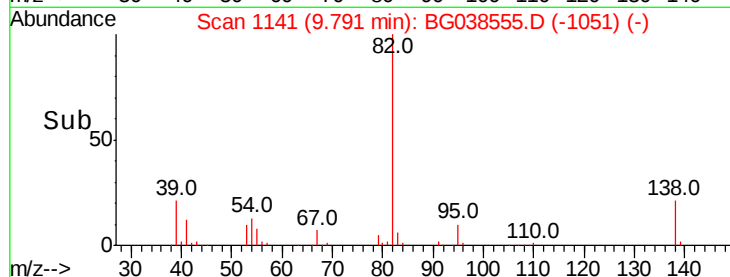
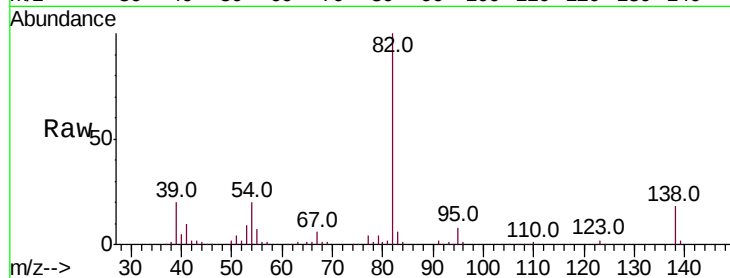
Tot Ion: 82 Resp: 159589

Ion Ratio Lower Upper

82 100

95 8.2 6.1 9.1

138 17.8 14.9 22.3



#26

2-Nitrophenol

Concen: 39.127 ng

RT: 9.99 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BG038555.D

Acq: 14 Dec 2018 5:52

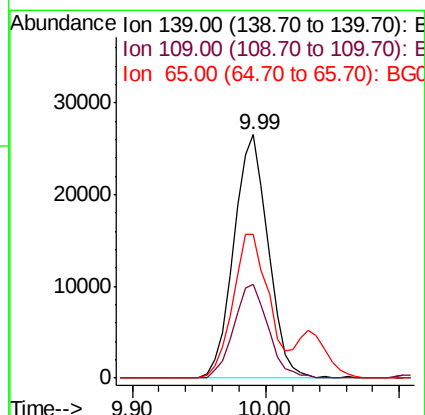
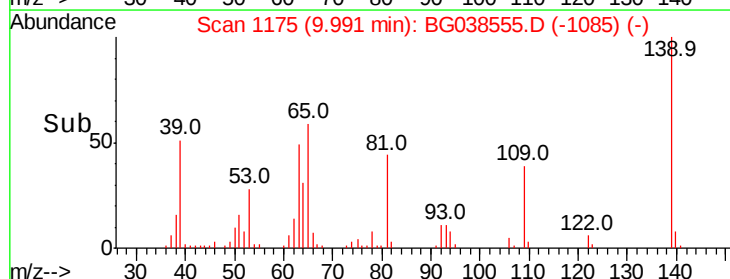
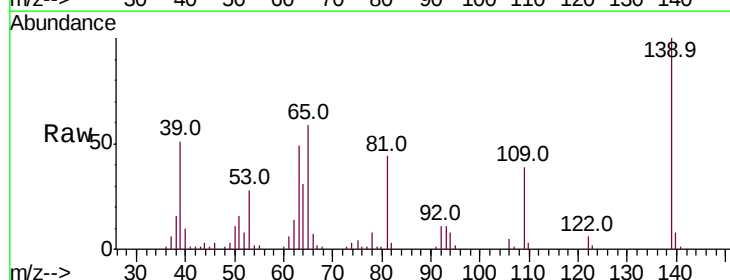
Tgt Ion: 139 Resp: 47352

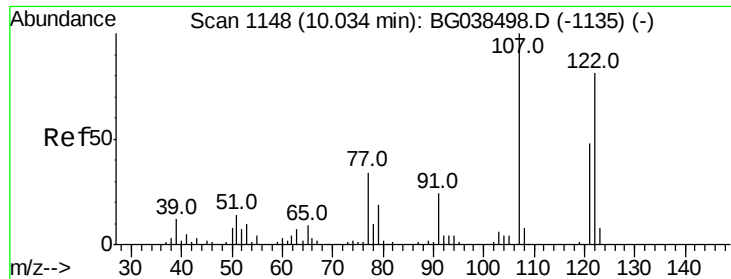
Ion Ratio Lower Upper

139 100

109 38.8 29.5 44.3

65 59.1 48.5 72.7

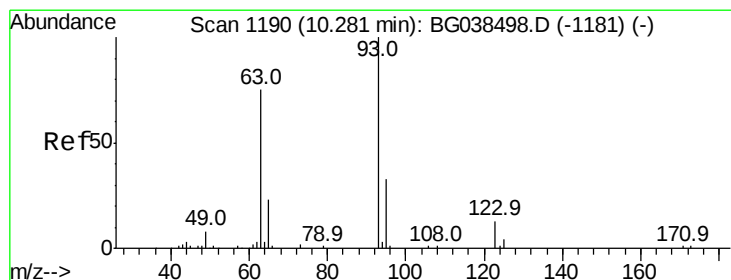
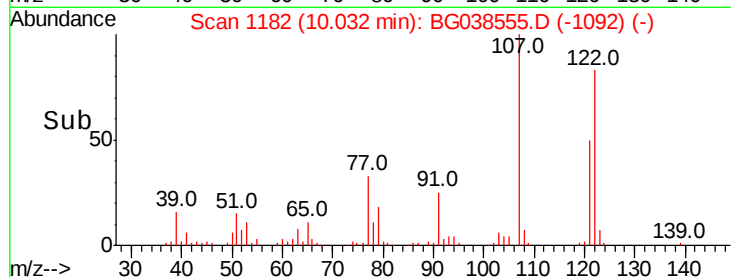
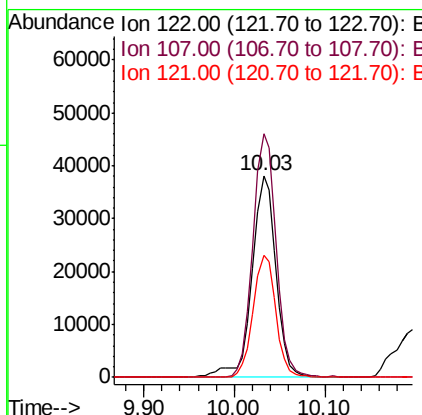
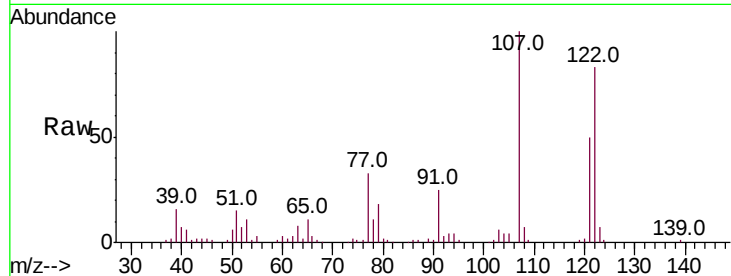




#27
 2,4-Dimethylphenol
 Concen: 40.098 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BG038555.D
 Acq: 14 Dec 2018 5:52

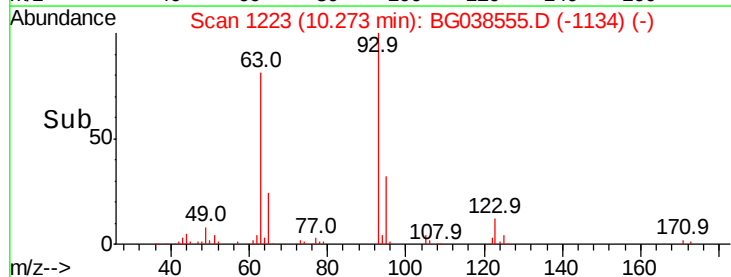
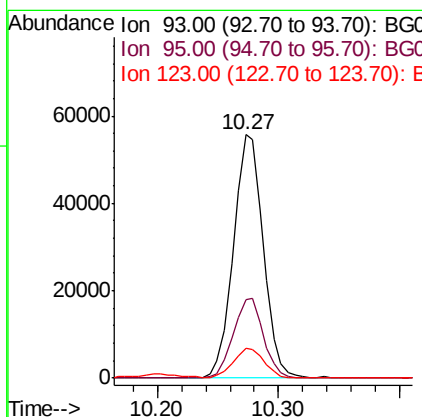
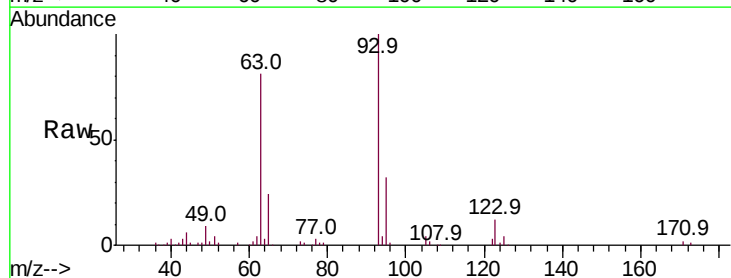
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

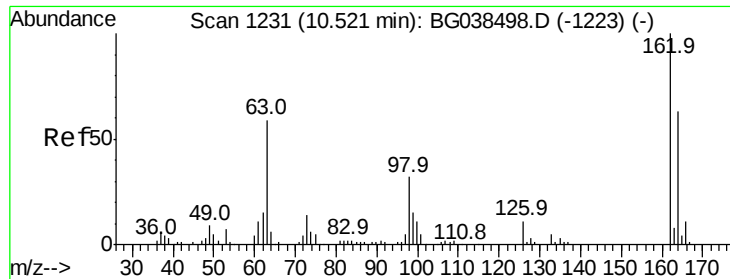
Tot Ion:122 Resp: 69546
 Ion Ratio Lower Upper
 122 100
 107 120.6 98.4 147.6
 121 60.3 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.369 ng
 RT: 10.27 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BG038555.D
 Acq: 14 Dec 2018 5:52

Tgt Ion: 93 Resp: 95671
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.6 40.0
 123 12.0 10.6 16.0

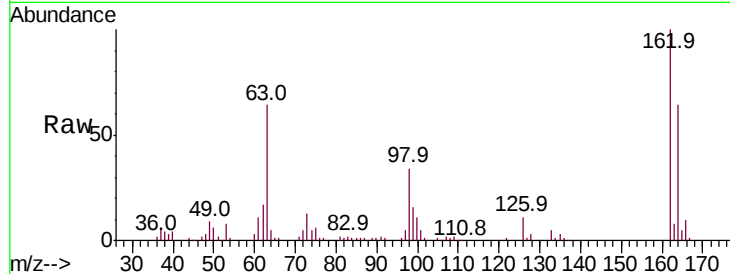




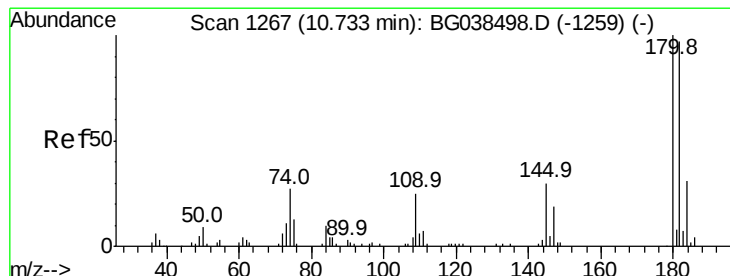
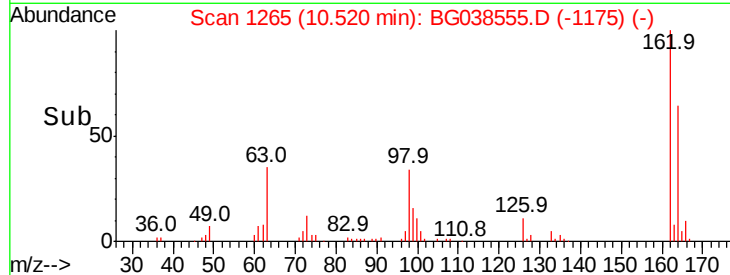
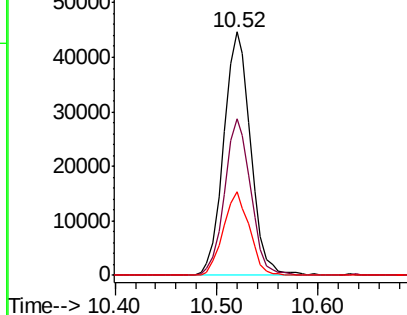
#29
 2,4-Dichlorophenol
 Concen: 42.444 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG038555.D
 Acq: 14 Dec 2018 5:52

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	42.9	82.9
98	34.5	12.1	52.1

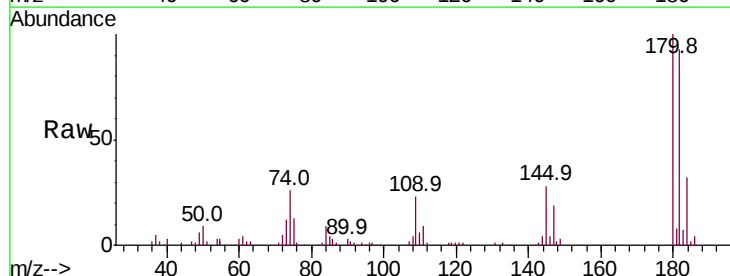


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

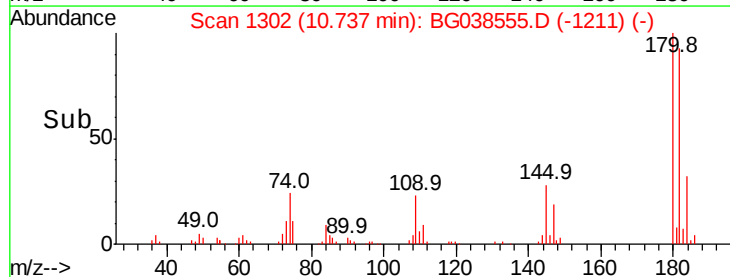
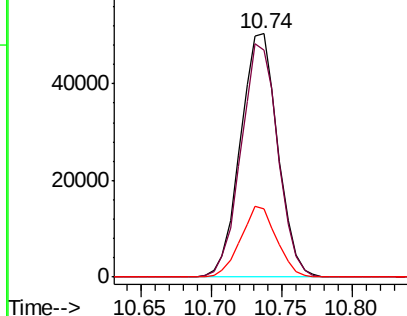


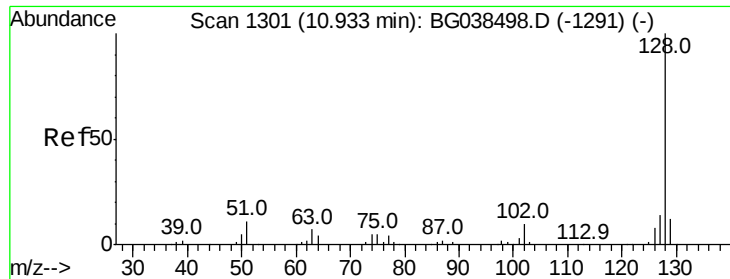
#30
 1,2,4-Trichlorobenzene
 Concen: 40.025 ng
 RT: 10.74 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: BG038555.D
 Acq: 14 Dec 2018 5:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	77.4	116.0
145	28.2	24.1	36.1



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

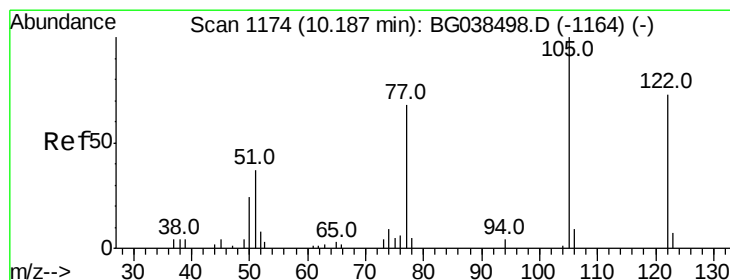
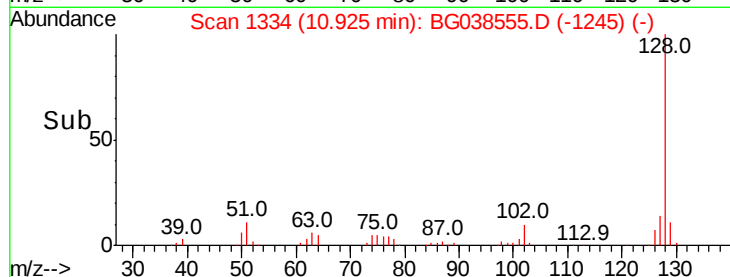
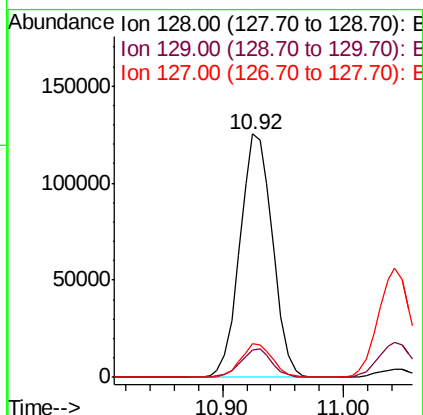
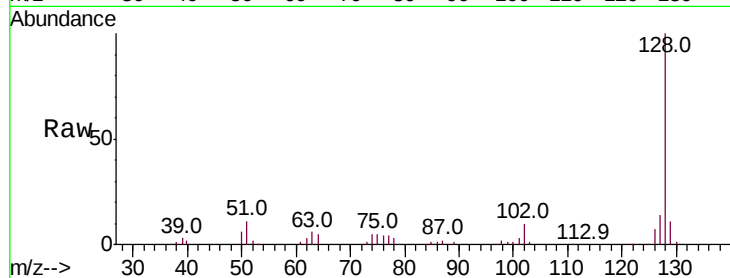




#31
Naphthalene
Concen: 40.025 ng
RT: 10.92 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038555.D
Acq: 14 Dec 2018 5:52

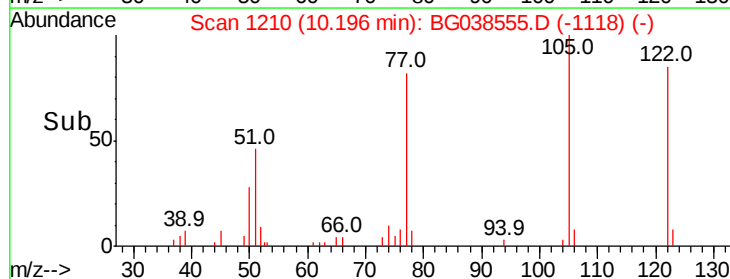
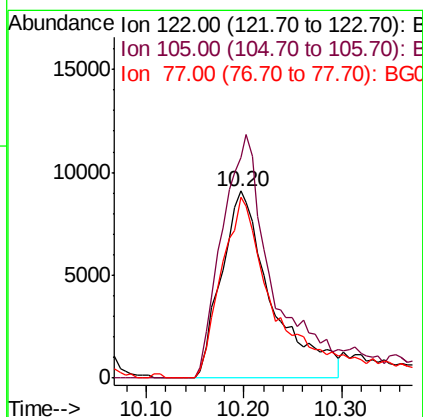
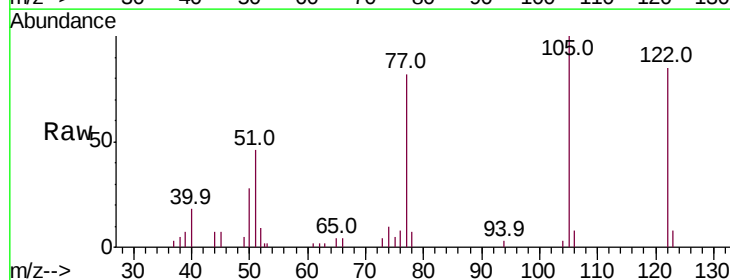
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

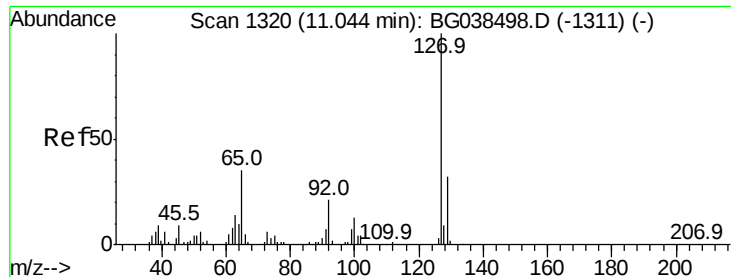
Tot Ion:128 Resp: 235479
Ion Ratio Lower Upper
128 100
129 11.1 9.5 14.3
127 14.0 10.9 16.3



#32
Benzoic acid
Concen: 33.402 ng
RT: 10.20 min Scan# 1210
Delta R.T. 0.01 min
Lab File: BG038555.D
Acq: 14 Dec 2018 5:52

Tgt Ion:122 Resp: 32477
Ion Ratio Lower Upper
122 100
105 118.2 116.7 156.7
77 96.7 72.5 112.5

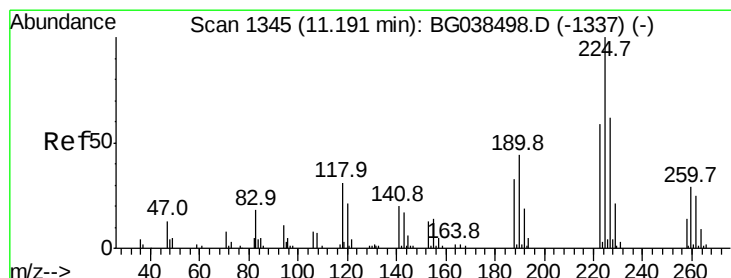
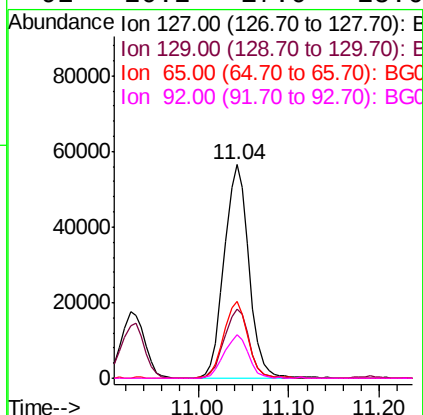
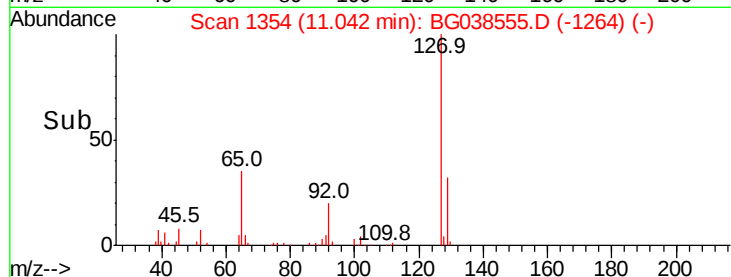
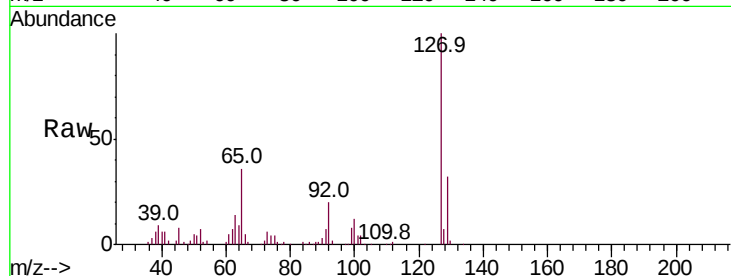




#33
4-Chloroaniline
Concen: 41.964 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG038555.D
Acq: 14 Dec 2018 5:52

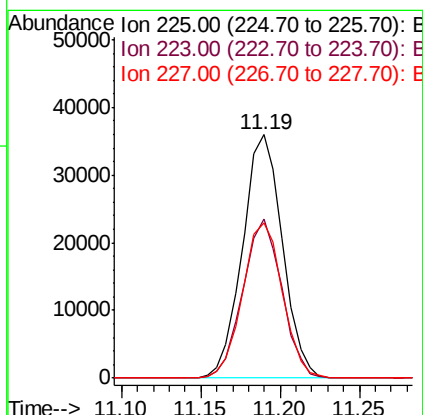
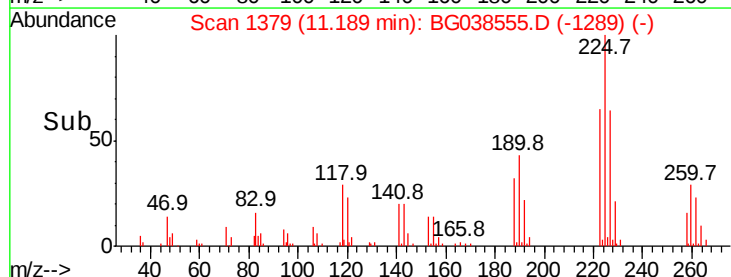
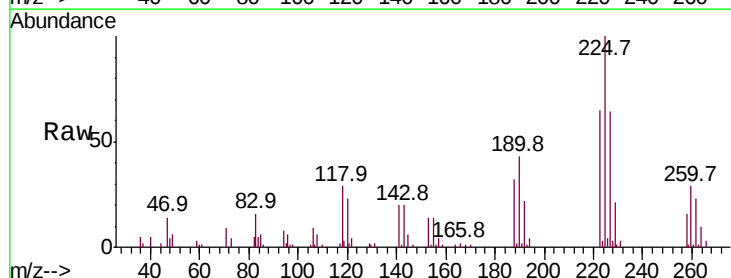
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

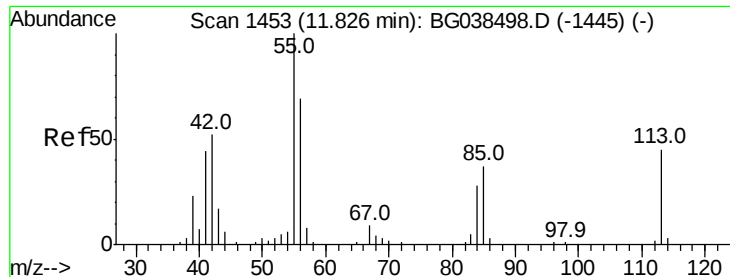
Tot Ion:	127	Resp:	107187
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.8	38.8
65	35.8	27.8	41.6
92	20.2	17.0	25.6



#34
Hexachlorobutadiene
Concen: 39.805 ng
RT: 11.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG038555.D
Acq: 14 Dec 2018 5:52

Tgt Ion:	225	Resp:	62774
Ion	Ratio	Lower	Upper
225	100		
223	62.5	45.0	67.6
227	63.9	50.6	75.8





#35

Caprolactam

Concen: 39.805 ng

RT: 11.84 min Scan# 1489

Delta R.T. 0.01 min

Lab File: BG038555.D

Acq: 14 Dec 2018 5:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

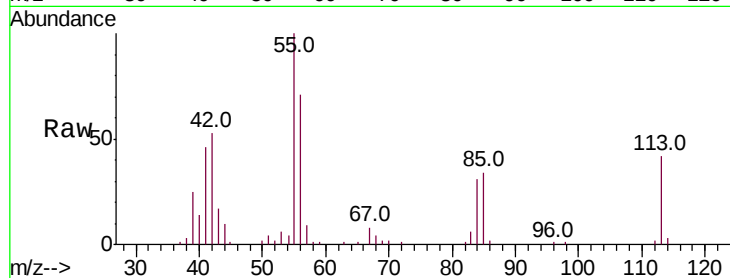
Tot Ion:113 Resp: 31785

Ion Ratio Lower Upper

113 100

55 238.4 204.3 244.3

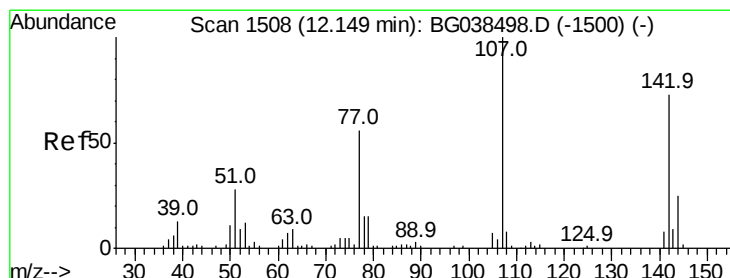
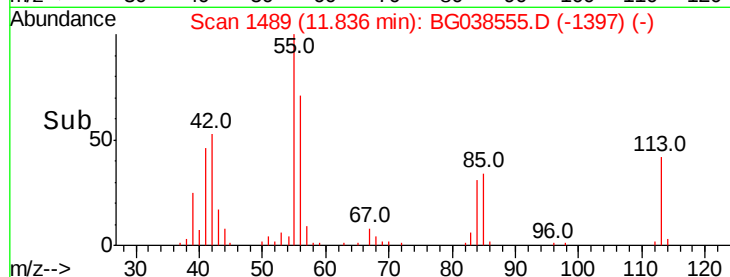
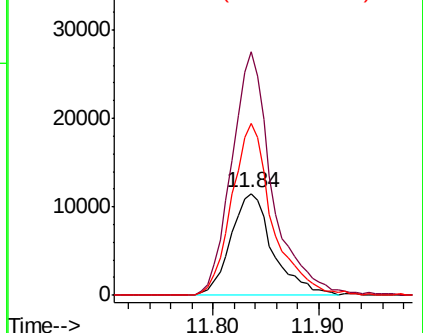
56 168.6 135.0 175.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG038498.D (-1445) (-)

Ion 56.00 (55.70 to 56.70): BG038498.D (-1445) (-)



#36

4-Chloro-3-methylphenol

Concen: 40.941 ng

RT: 12.15 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BG038555.D

Acq: 14 Dec 2018 5:52

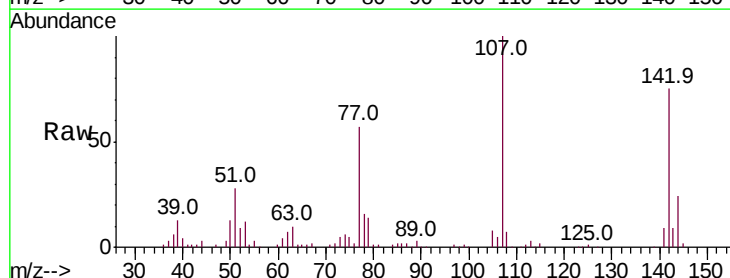
Tgt Ion:107 Resp: 90147

Ion Ratio Lower Upper

107 100

144 24.4 20.1 30.1

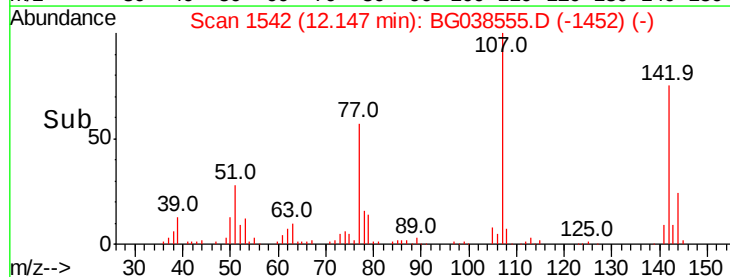
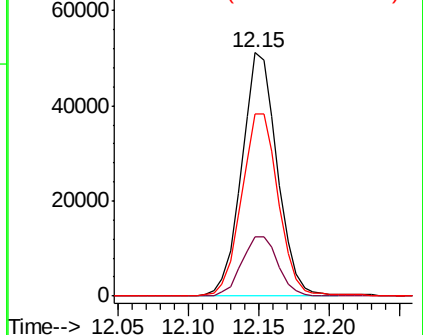
142 74.8 58.7 88.1

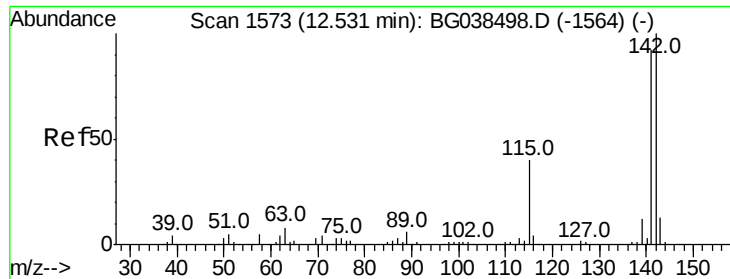


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

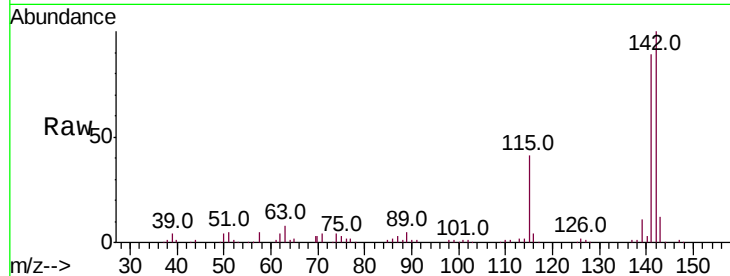




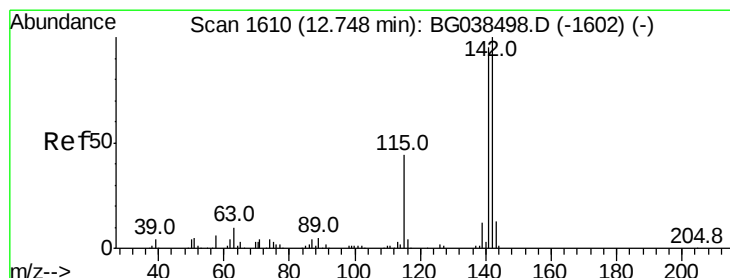
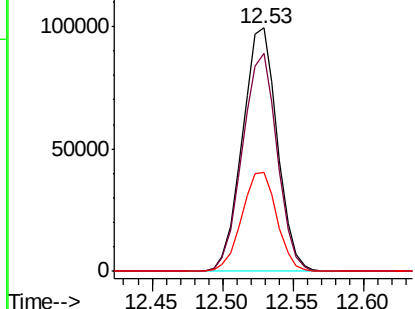
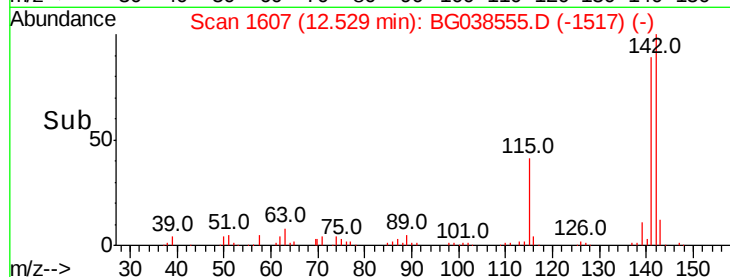
#37
 2-Methylnaphthalene
 Concen: 41.113 ng
 RT: 12.53 min Scan# 1607
 Delta R.T. -0.00 min
 Lab File: BG038555.D
 Acq: 14 Dec 2018 5:52

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	73.5	110.3
115	40.6	31.7	47.5

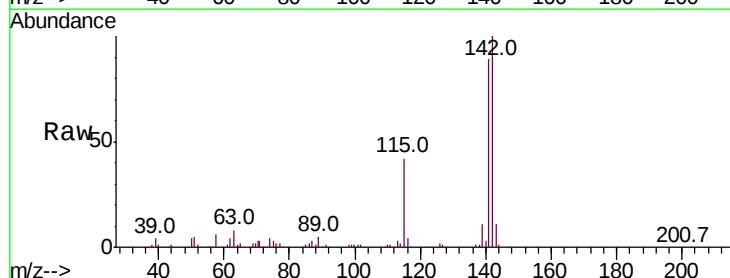


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

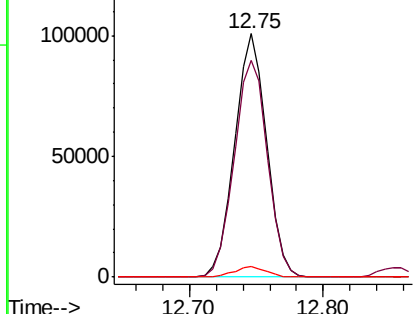
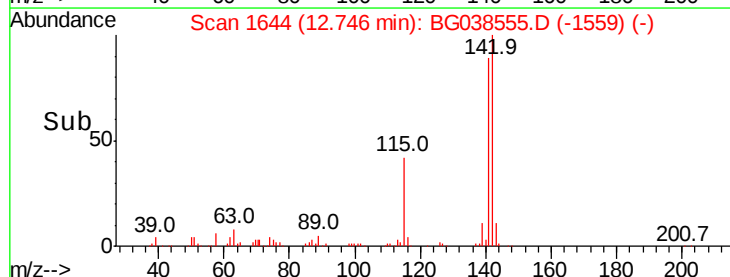


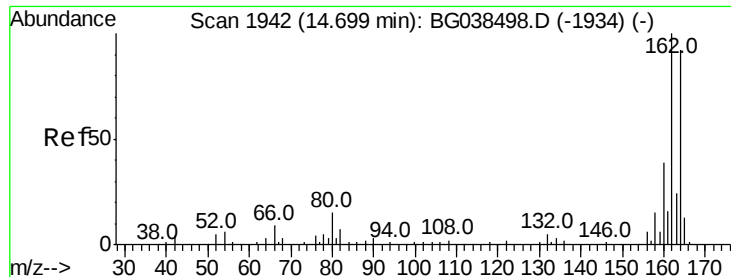
#38
 1-Methylnaphthalene
 Concen: 40.889 ng
 RT: 12.75 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BG038555.D
 Acq: 14 Dec 2018 5:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	75.8	113.8
116	4.2	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: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038555.D

Acq: 14 Dec 2018 5:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

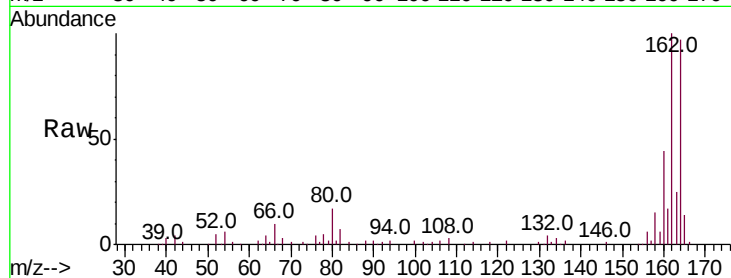
Tot Ion:164 Resp: 77423

Ion Ratio Lower Upper

164 100

162 103.6 86.6 130.0

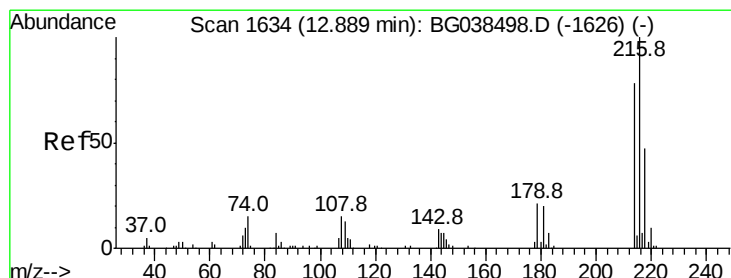
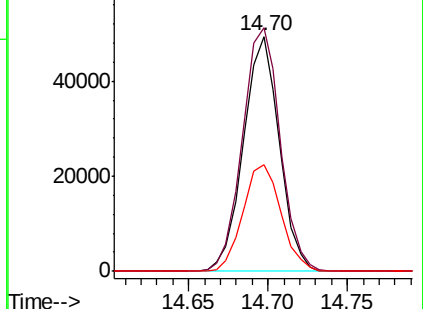
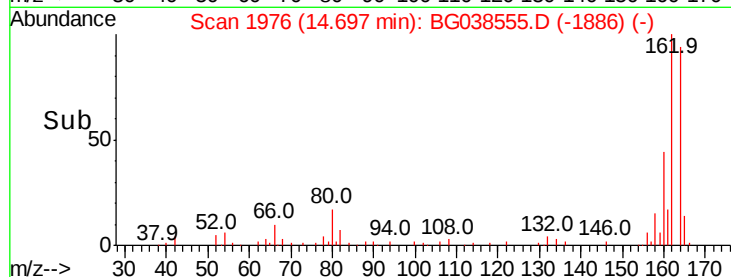
160 45.4 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.542 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG038555.D

Acq: 14 Dec 2018 5:52

Tgt Ion:216 Resp: 117331

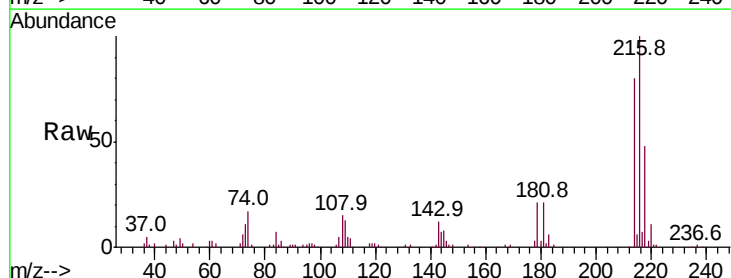
Ion Ratio Lower Upper

216 100

214 79.3 64.1 96.1

179 21.2 16.4 24.6

108 16.6 13.9 20.9

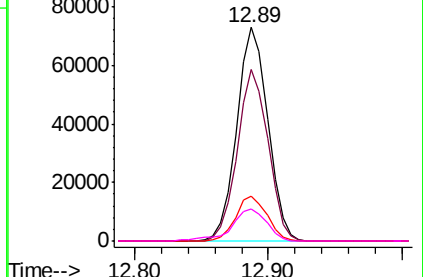
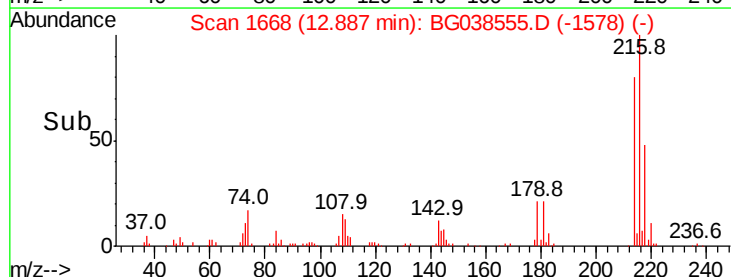


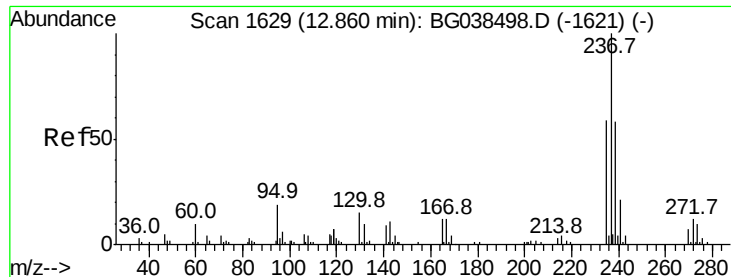
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 36.885 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BG038555.D

Acq: 14 Dec 2018 5:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

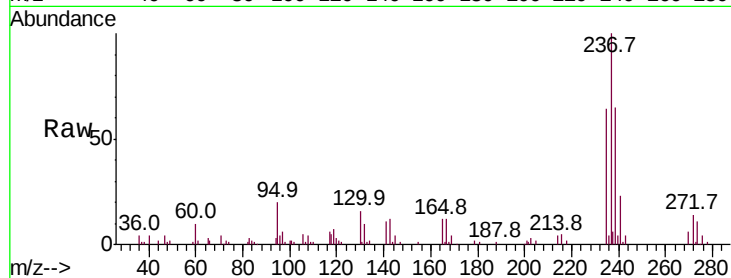
Tot Ion:237 Resp: 58646

Ion Ratio Lower Upper

237 100

235 64.2 38.8 78.8

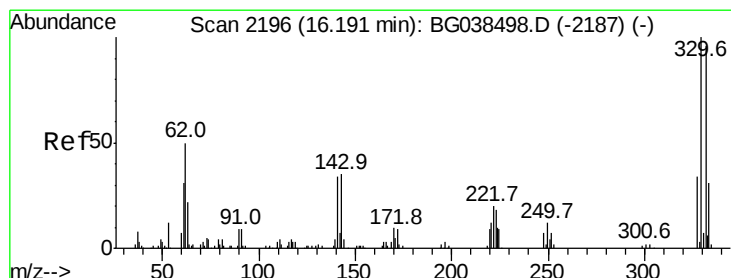
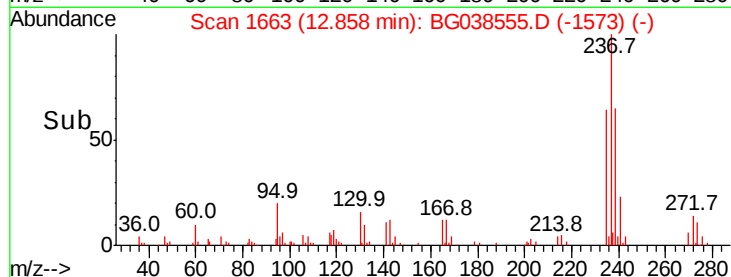
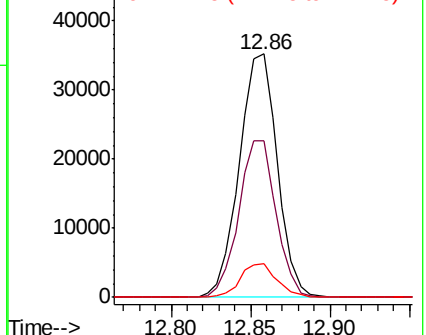
272 13.7 0.0 32.0



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: 84.288 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG038555.D

Acq: 14 Dec 2018 5:52

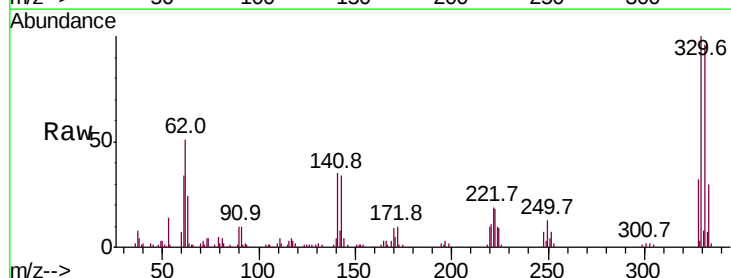
Tgt Ion:330 Resp: 89938

Ion Ratio Lower Upper

330 100

332 95.7 76.9 115.3

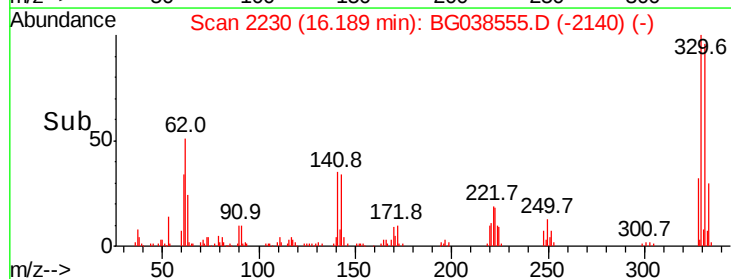
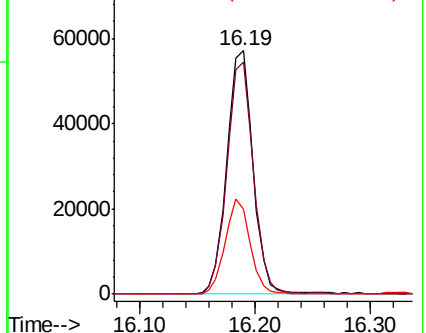
141 37.3 28.8 43.2

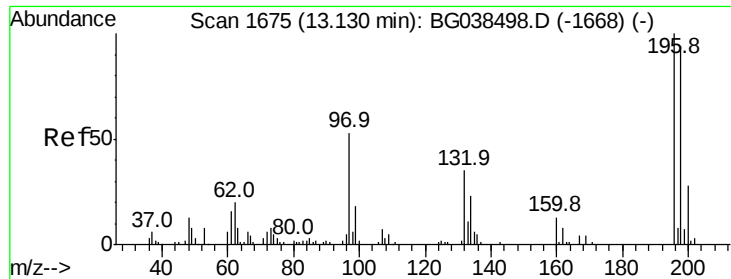


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

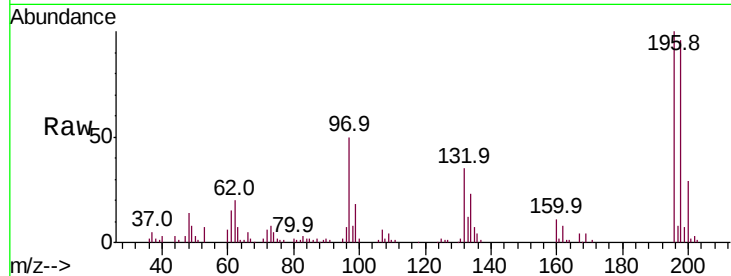




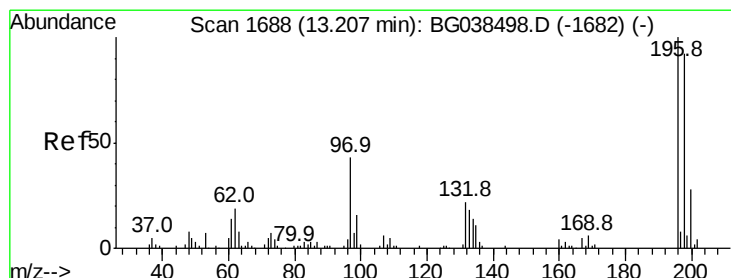
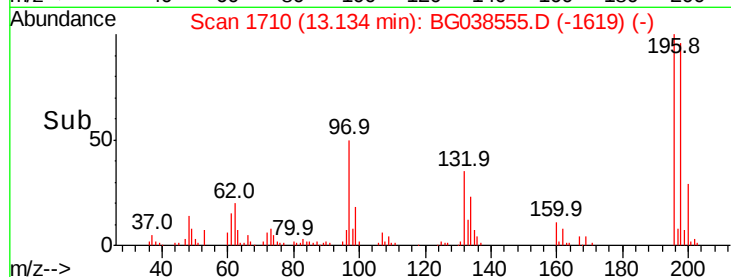
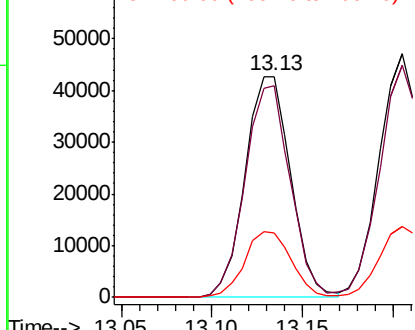
#43
 2,4,6-Trichlorophenol
 Concen: 41.823 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG038555.D
 Acq: 14 Dec 2018 5:52

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 74422
 Ion Ratio Lower Upper
 196 100
 198 95.5 75.0 112.4
 200 29.4 22.4 33.6

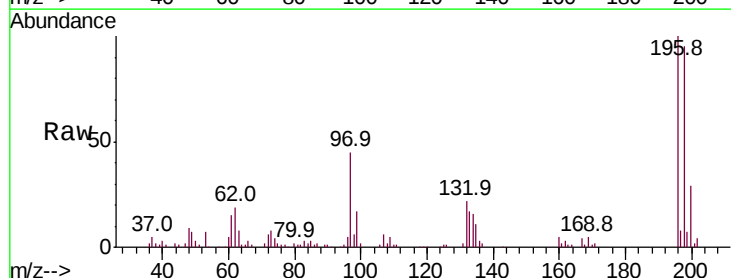


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

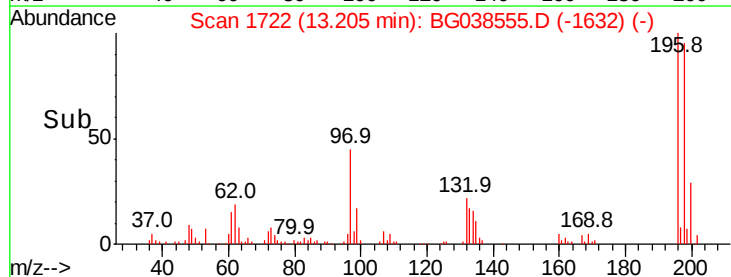
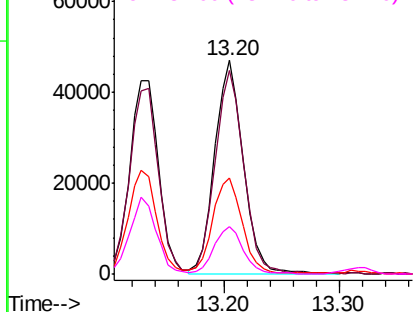


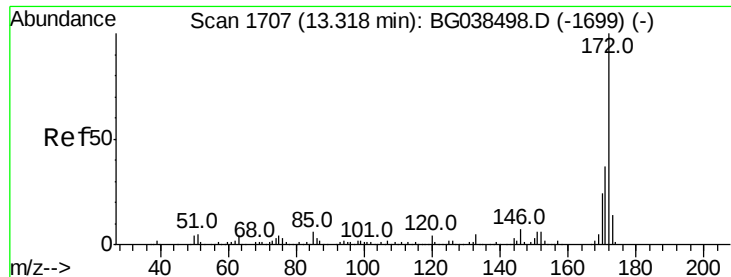
#44
 2,4,5-Trichlorophenol
 Concen: 42.945 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038555.D
 Acq: 14 Dec 2018 5:52

Tgt Ion:196 Resp: 80909
 Ion Ratio Lower Upper
 196 100
 198 95.4 74.0 111.0
 97 44.9 35.1 52.7
 132 22.3 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

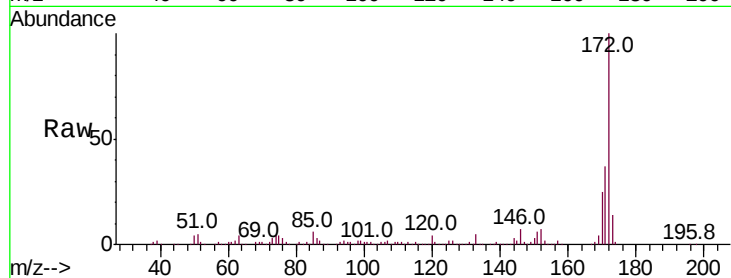




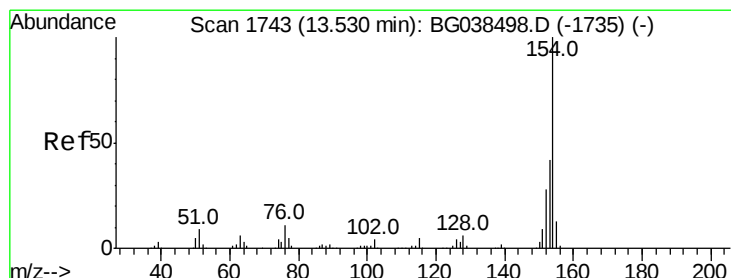
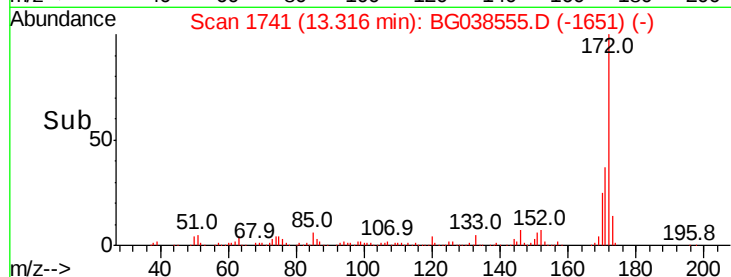
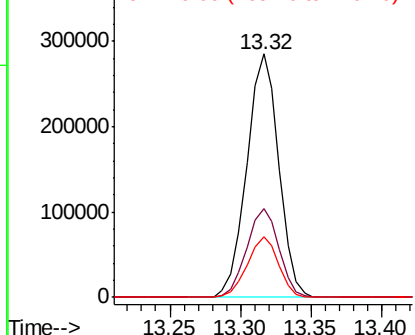
#45
2-Fluorobiphenyl
Concen: 80.131 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038555.D
Acq: 14 Dec 2018 5:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 452238
Ion Ratio Lower Upper
172 100
171 36.7 29.8 44.6
170 24.7 19.5 29.3

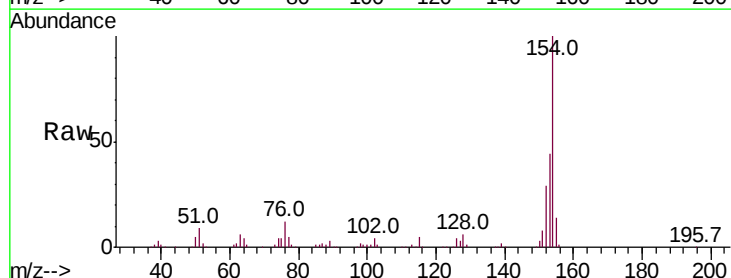


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

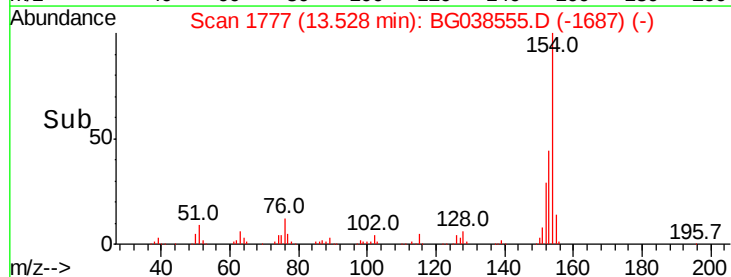
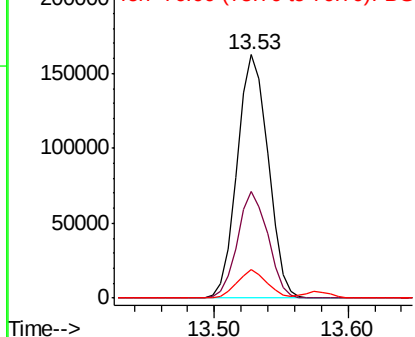


#46
1,1'-Biphenyl
Concen: 40.112 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG038555.D
Acq: 14 Dec 2018 5:52

Tgt Ion:154 Resp: 260348
Ion Ratio Lower Upper
154 100
153 44.0 22.1 62.1
76 11.8 0.0 31.2



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

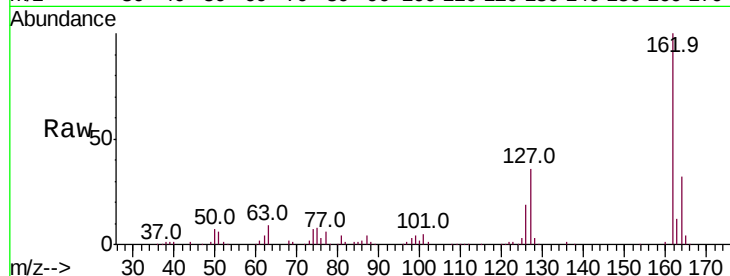




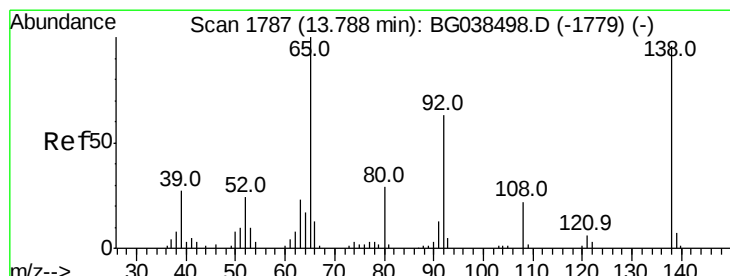
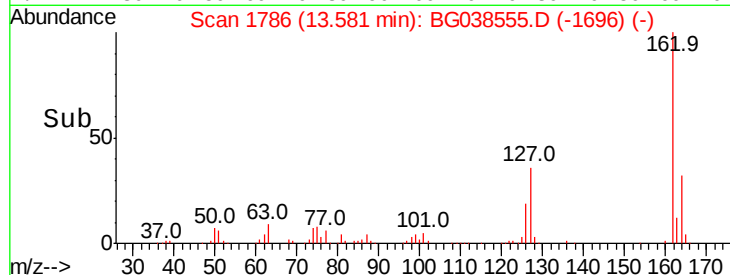
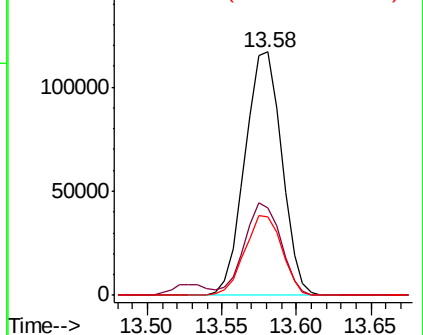
#47
2-Chloronaphthalene
Concen: 39.923 ng
RT: 13.58 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BG038555.D
Acq: 14 Dec 2018 5:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.0	27.8	41.8
164	32.2	26.9	40.3

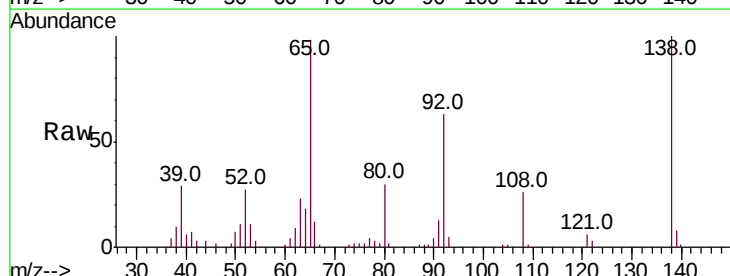


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

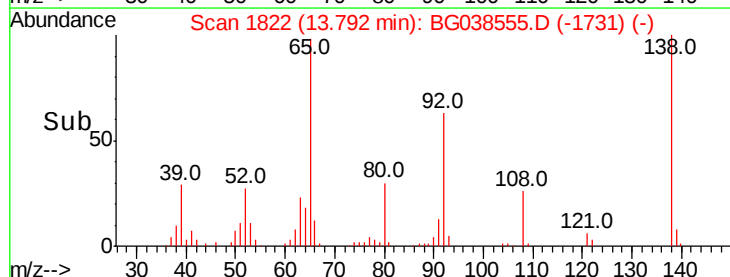
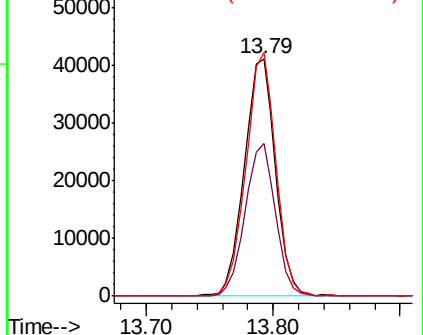


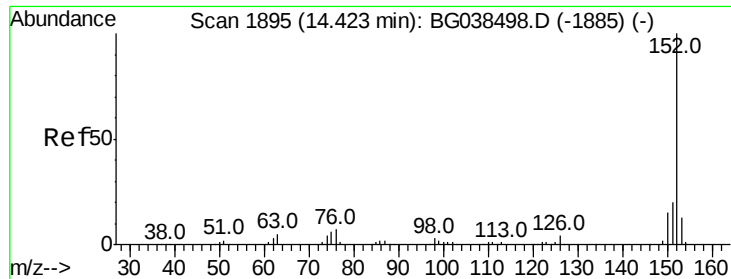
#48
2-Nitroaniline
Concen: 43.756 ng
RT: 13.79 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BG038555.D
Acq: 14 Dec 2018 5:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.5	50.0	75.0
138	102.5	76.9	115.3



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





#49

Acenaphthylene

Concen: 40.850 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038555.D

Acq: 14 Dec 2018 5:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

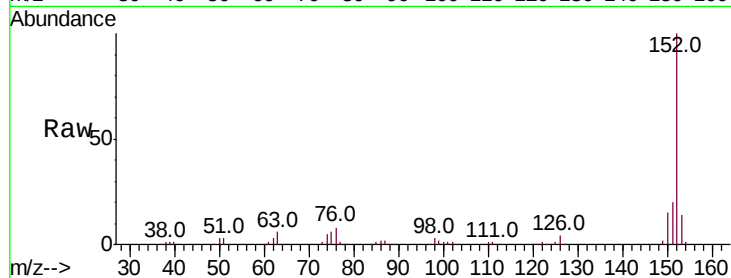
Tot Ion:152 Resp: 306177

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

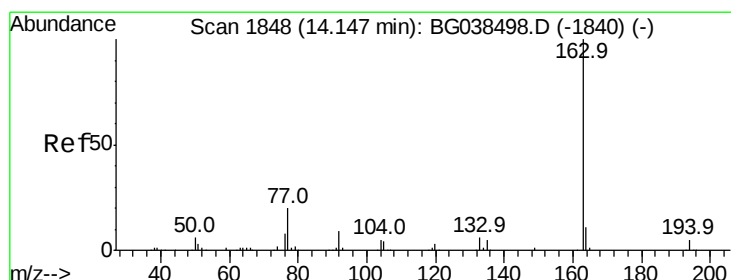
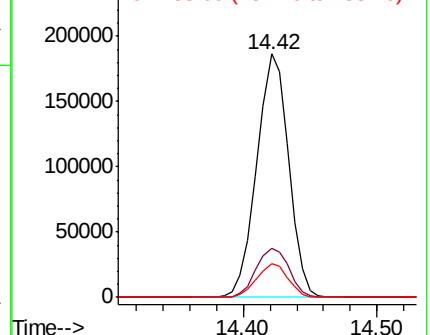
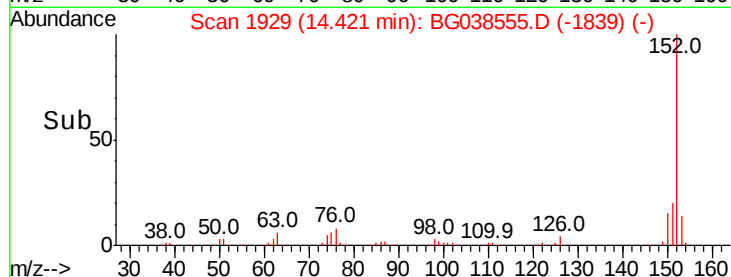
153 13.7 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.811 ng

RT: 14.14 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG038555.D

Acq: 14 Dec 2018 5:52

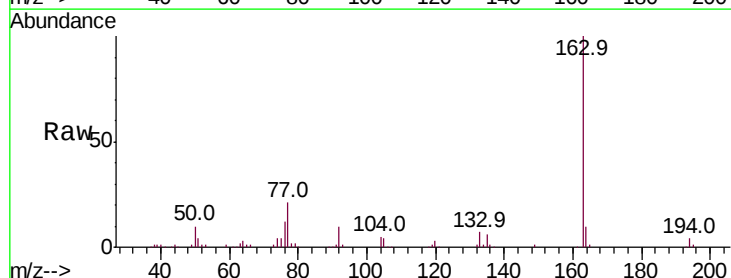
Tgt Ion:163 Resp: 258034

Ion Ratio Lower Upper

163 100

194 4.4 3.7 5.5

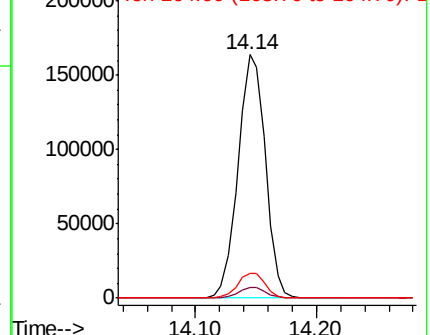
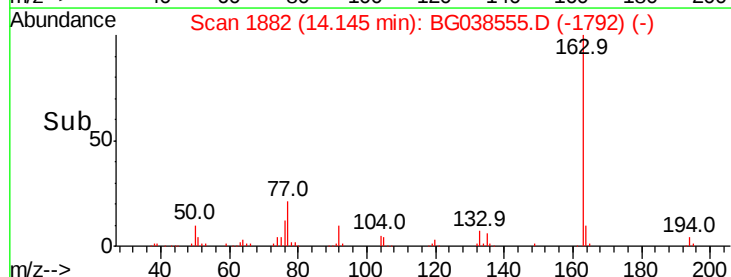
164 10.2 8.6 12.8

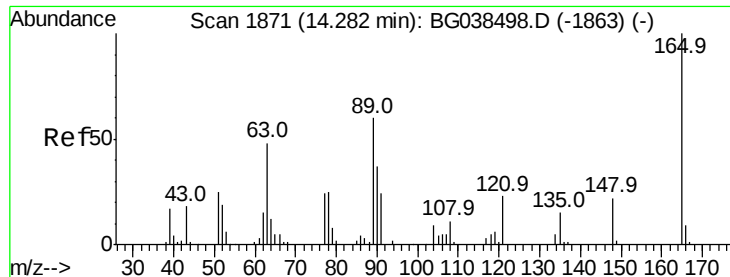


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

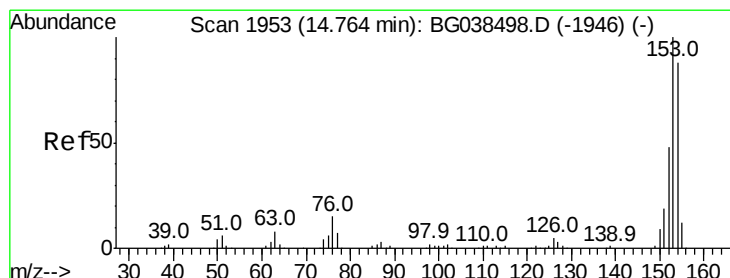
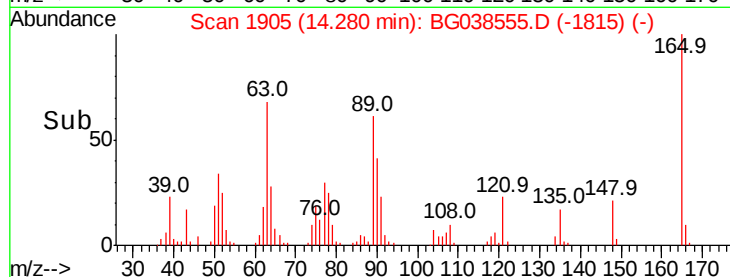
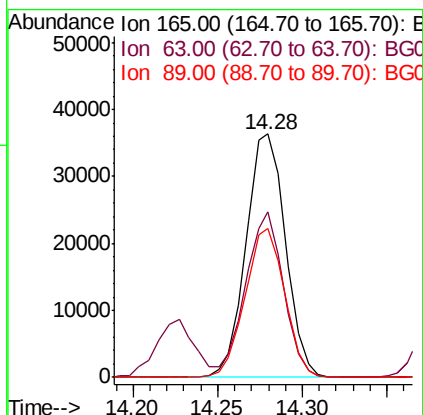
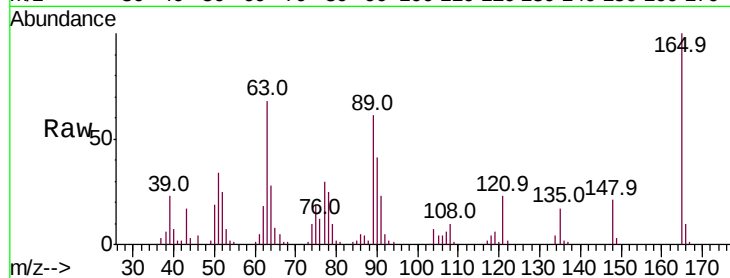




#51
 2,6-Dinitrotoluene
 Concen: 41.068 ng
 RT: 14.28 min Scan# 1905
 Delta R.T. -0.00 min
 Lab File: BG038555.D
 Acq: 14 Dec 2018 5:52

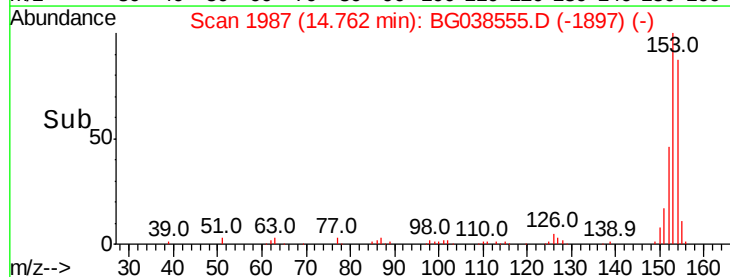
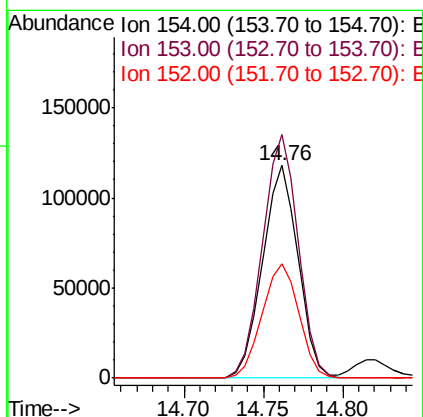
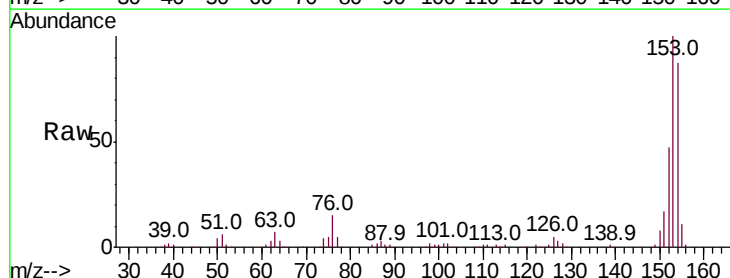
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

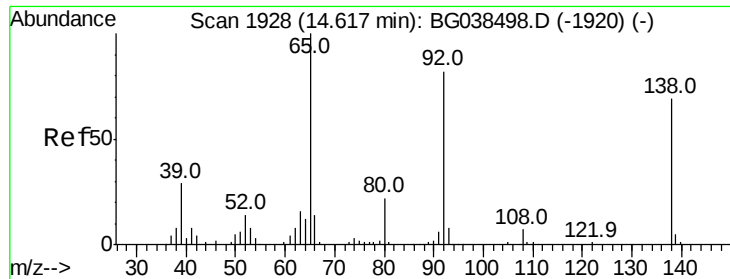
Tot Ion	Ratio	Lower	Upper
165	100		
63	68.1	51.8	77.6
89	61.2	47.9	71.9



#52
 Acenaphthene
 Concen: 41.175 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG038555.D
 Acq: 14 Dec 2018 5:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.6	90.6	136.0
152	53.9	43.5	65.3

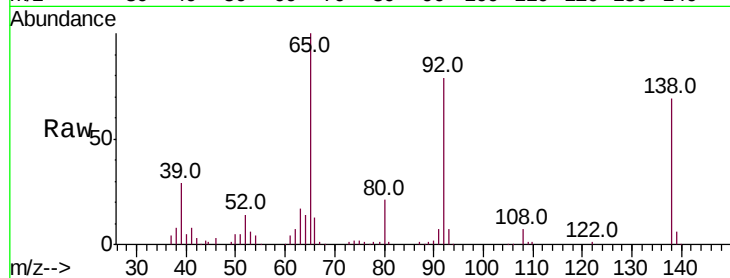




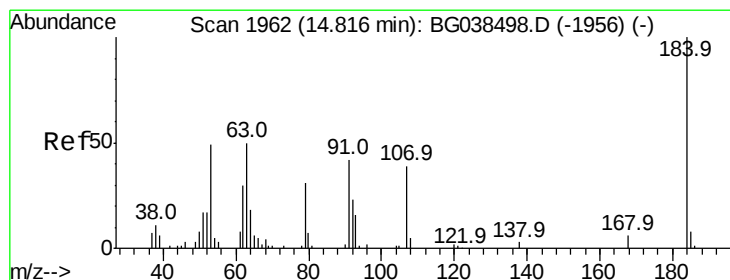
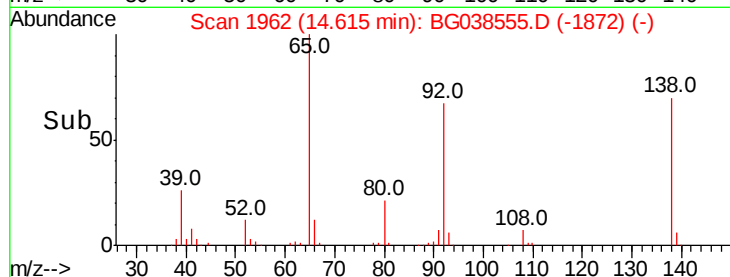
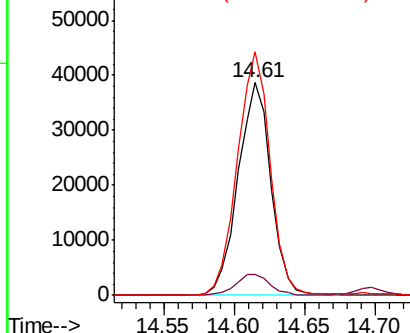
#53
3-Nitroaniline
Concen: 42.840 ng
RT: 14.61 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG038555.D
Acq: 14 Dec 2018 5:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 62571
Ion Ratio Lower Upper
138 100
108 9.9 7.9 11.9
92 114.7 95.3 142.9

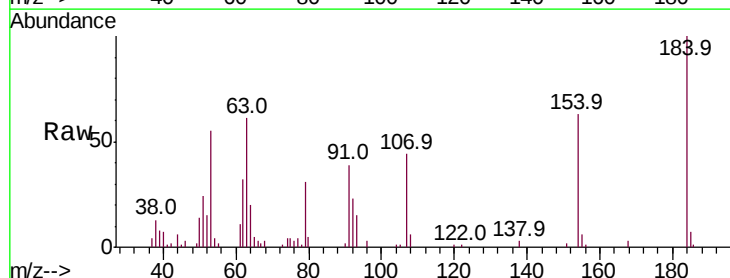


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

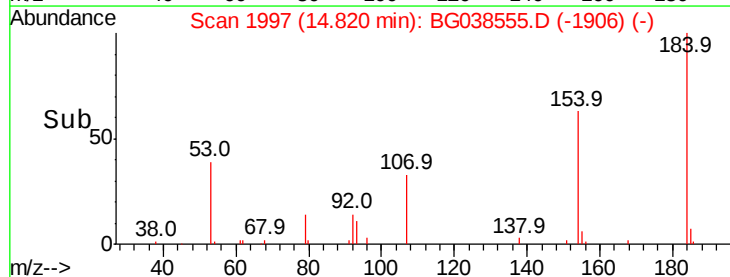
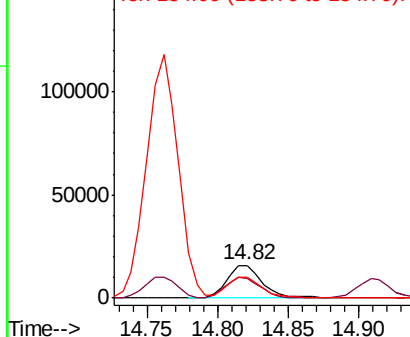


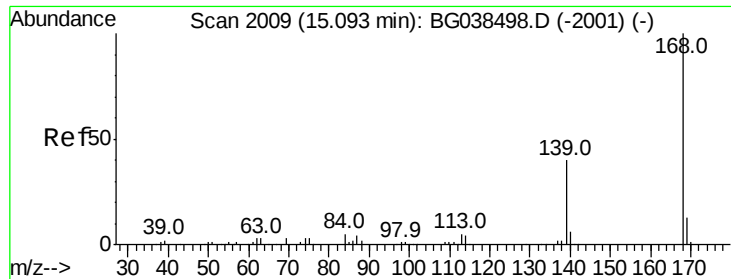
#54
2,4-Dinitrophenol
Concen: 36.221 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BG038555.D
Acq: 14 Dec 2018 5:52

Tgt Ion:184 Resp: 28295
Ion Ratio Lower Upper
184 100
63 61.2 47.0 70.6
154 63.4 50.3 75.5



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

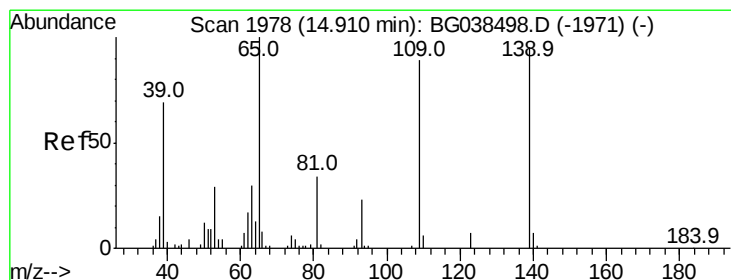
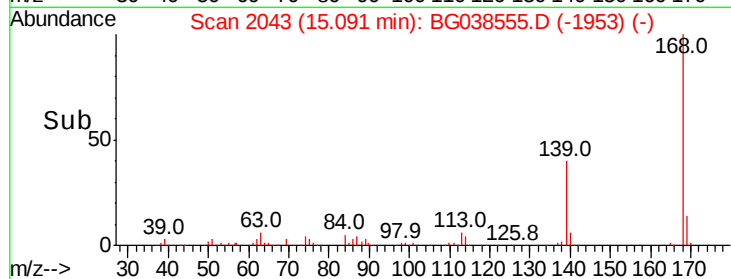
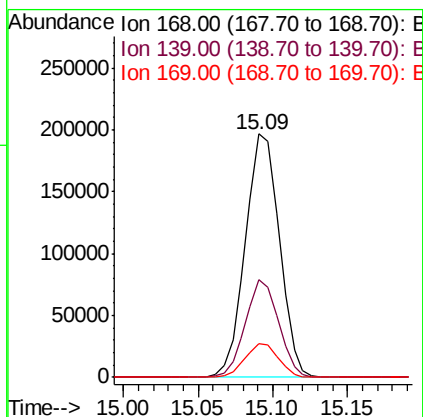
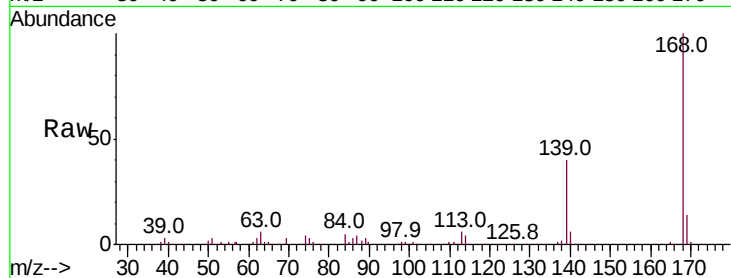




#55
Dibenzenofuran
Concen: 40.423 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG038555.D
Acq: 14 Dec 2018 5:52

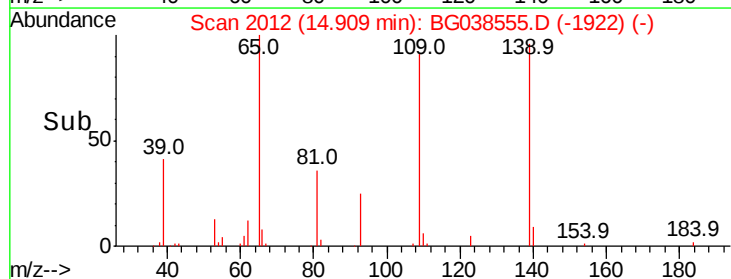
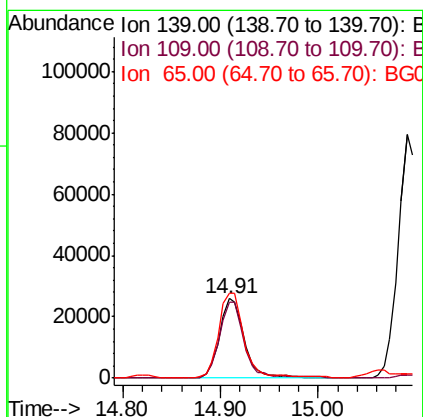
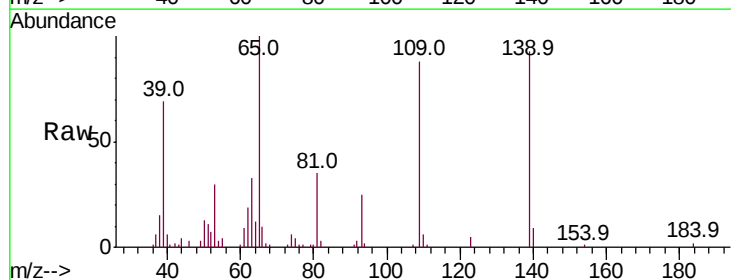
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

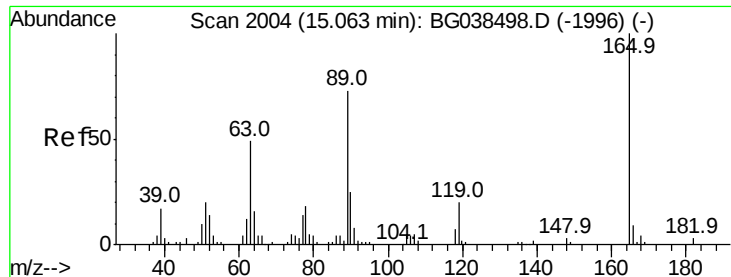
Tot Ion:168 Resp: 310548
Ion Ratio Lower Upper
168 100
139 40.4 32.2 48.2
169 14.0 10.6 16.0



#56
4-Nitrophenol
Concen: 41.549 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BG038555.D
Acq: 14 Dec 2018 5:52

Tgt Ion:139 Resp: 46038
Ion Ratio Lower Upper
139 100
109 94.9 73.6 113.6
65 107.3 84.8 124.8

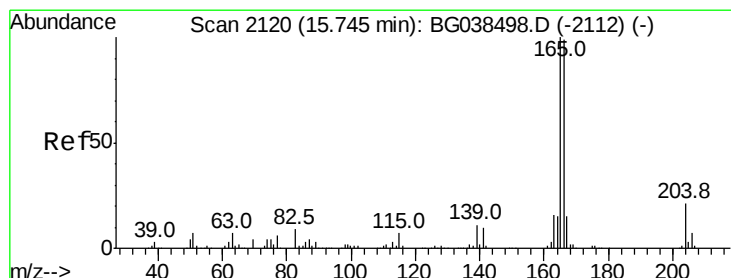
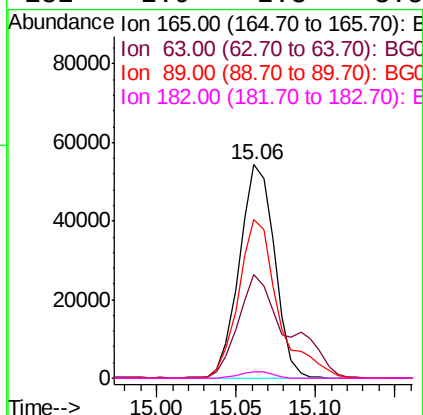
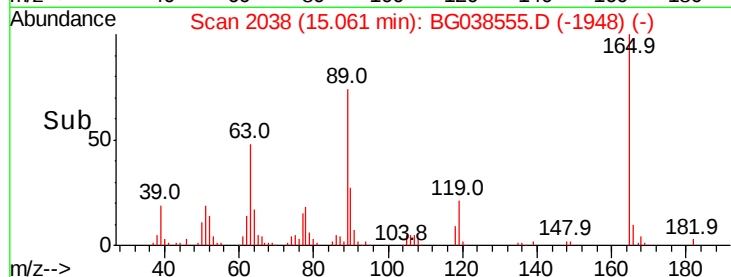
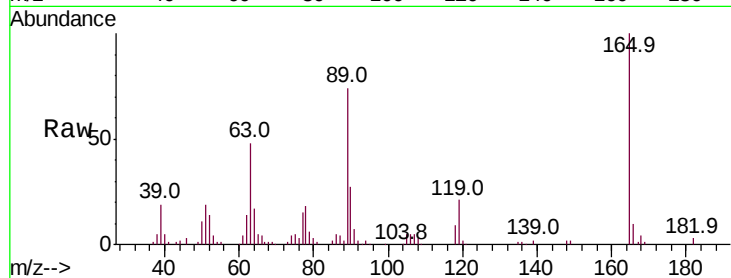




#57
2,4-Dinitrotoluene
Concen: 41.469 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG038555.D
Acq: 14 Dec 2018 5:52

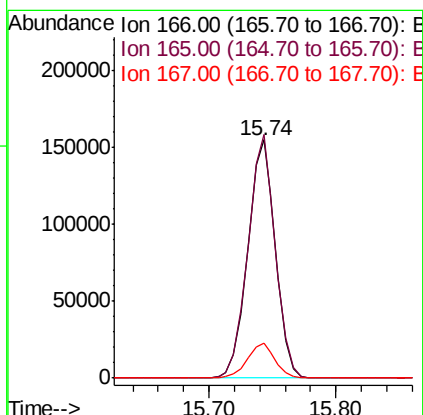
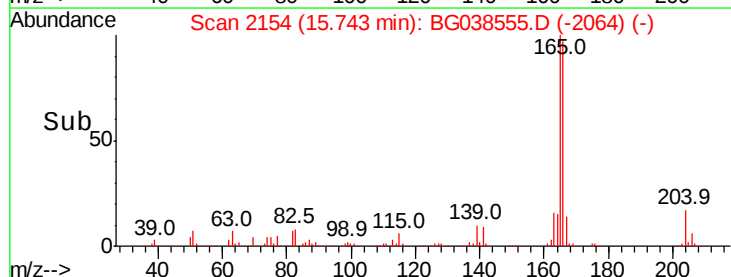
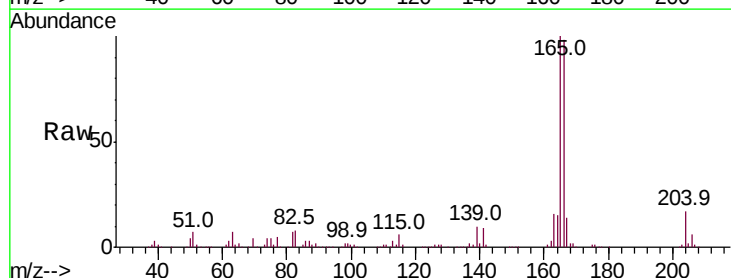
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:165 Resp: 83687
Ion Ratio Lower Upper
165 100
63 48.3 39.0 58.4
89 74.3 58.0 87.0
182 2.9 2.3 3.5



#58
Fluorene
Concen: 41.033 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG038555.D
Acq: 14 Dec 2018 5:52

Tgt Ion:166 Resp: 233552
Ion Ratio Lower Upper
166 100
165 102.3 80.6 120.8
167 14.6 12.0 18.0

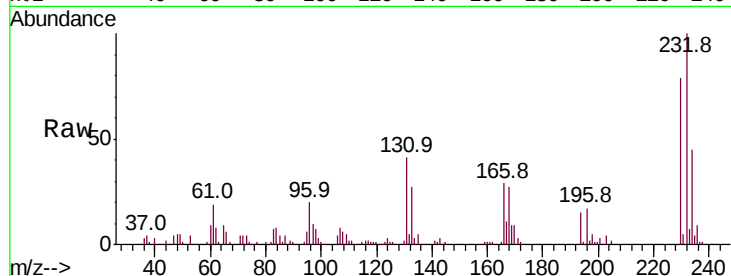




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.785 ng
 RT: 15.31 min Scan# 2081
 Delta R.T. -0.00 min
 Lab File: BG038555.D
 Acq: 14 Dec 2018 5:52

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.2	33.0	49.4
130	2.5	2.0	3.0
166	28.2	23.1	34.7



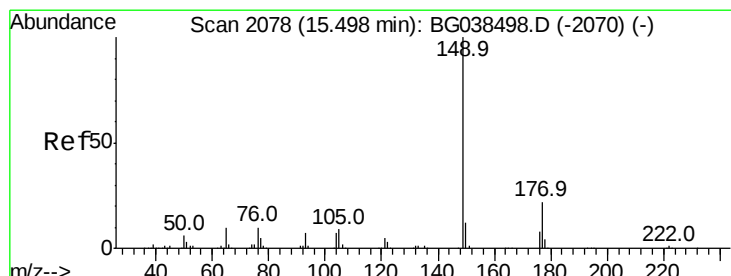
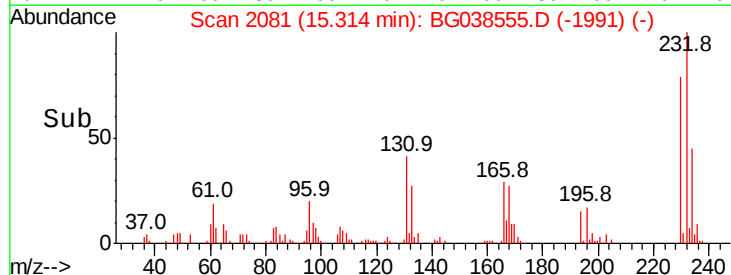
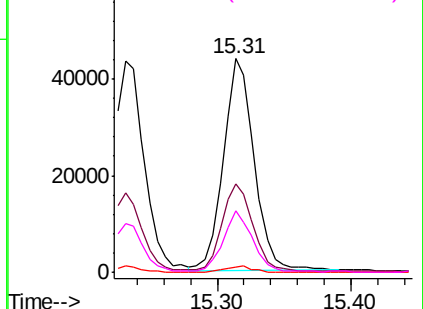
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

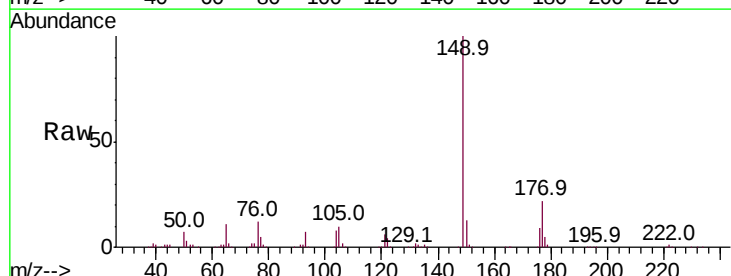
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 39.793 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG038555.D
 Acq: 14 Dec 2018 5:52

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.7	26.5
150	13.2	9.9	14.9

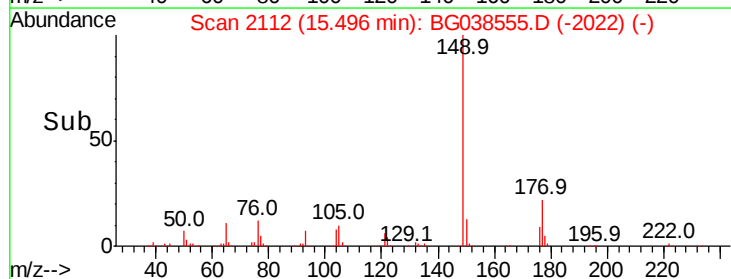
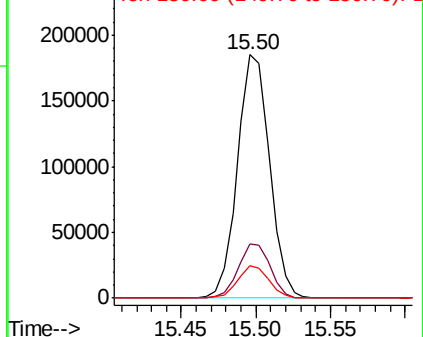


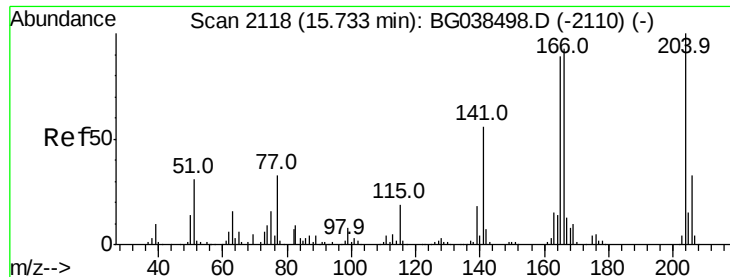
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

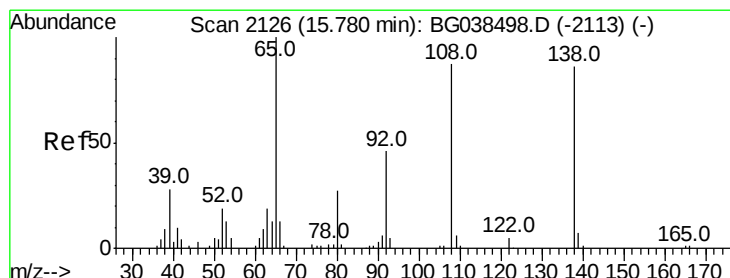
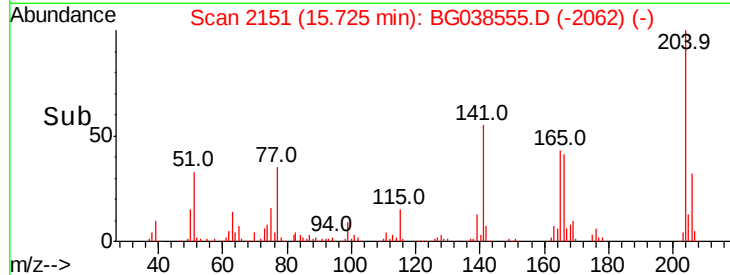
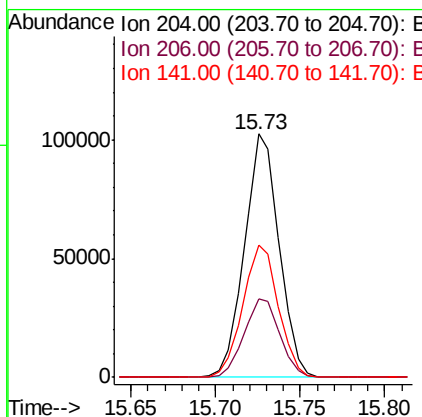
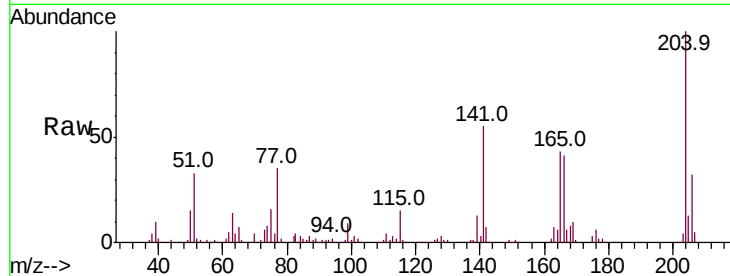




#61
 4-Chlorophenyl-phenylether
 Concen: 41.103 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG038555.D
 Acq: 14 Dec 2018 5:52

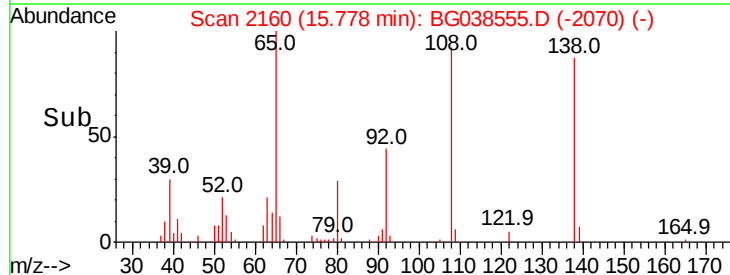
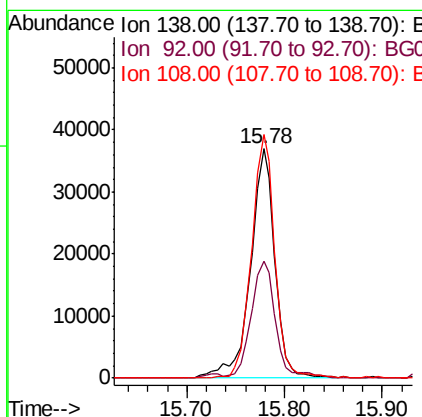
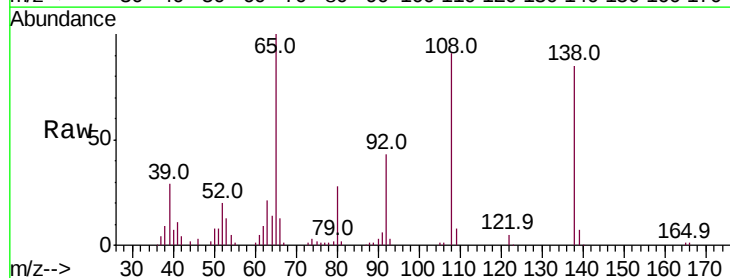
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion:	204	Resp:	145972
Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.0	39.0
141	54.6	44.4	66.6



#62
 4-Nitroaniline
 Concen: 43.019 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG038555.D
 Acq: 14 Dec 2018 5:52

Tgt Ion:	138	Resp:	64687
Ion	Ratio	Lower	Upper
138	100		
92	50.9	33.3	73.3
108	106.3	81.4	121.4





#63

Azobenzene

Concen: 41.039 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BG038555.D

Acq: 14 Dec 2018 5:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 237954

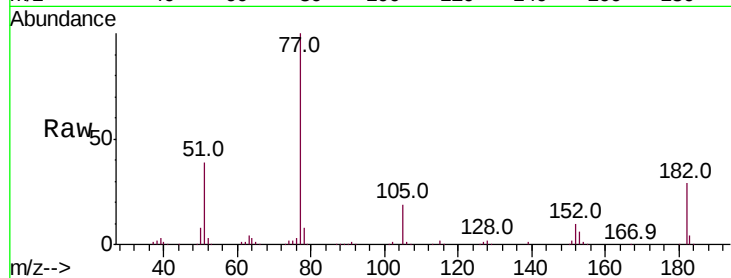
Ion Ratio Lower Upper

77 100

182 29.3 8.7 48.7

105 18.6 0.0 38.7

51 39.0 16.6 56.6



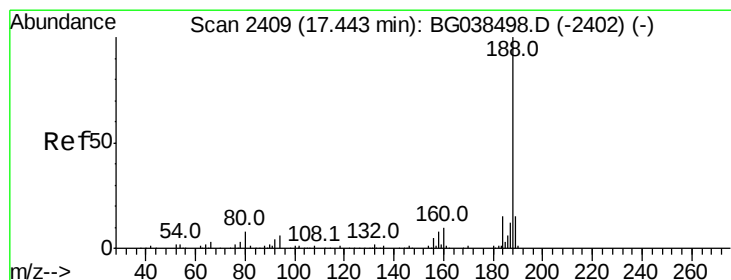
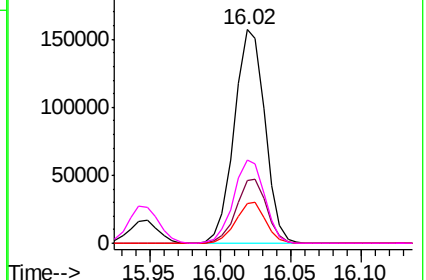
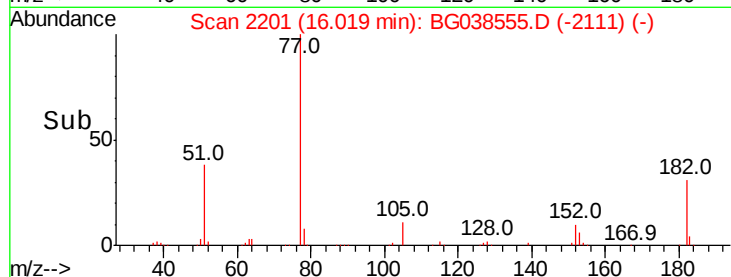
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG038555.D

Acq: 14 Dec 2018 5:52

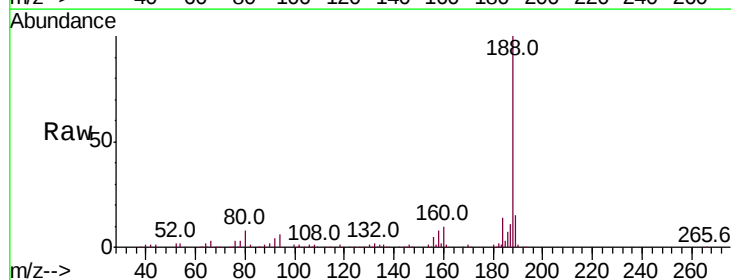
Tgt Ion: 188 Resp: 193401

Ion Ratio Lower Upper

188 100

94 6.4 5.1 7.7

80 7.7 6.1 9.1

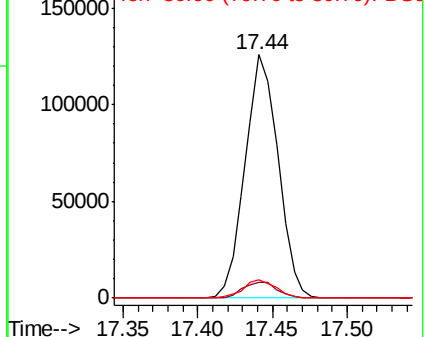
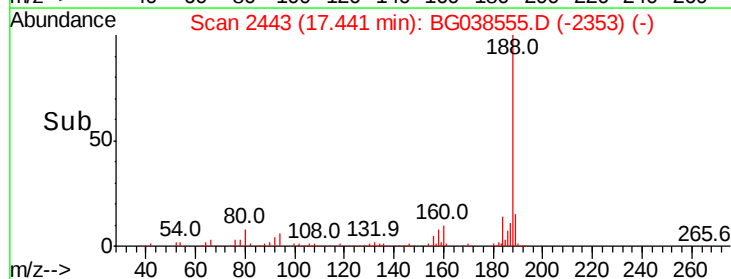


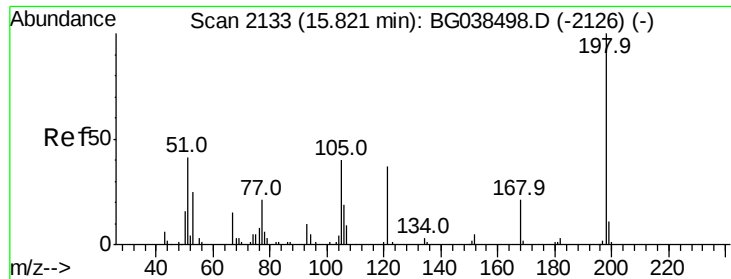
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

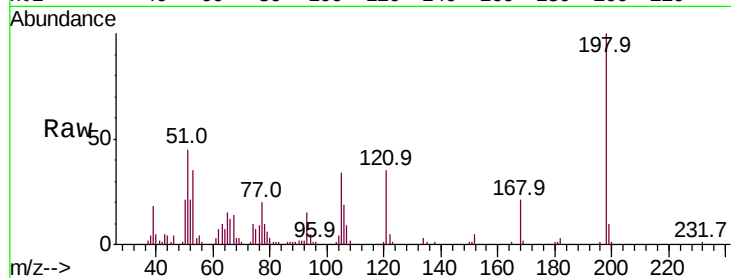




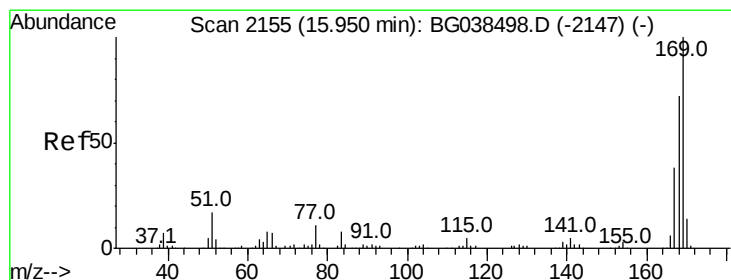
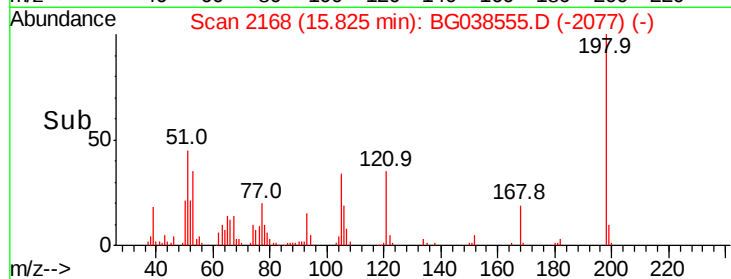
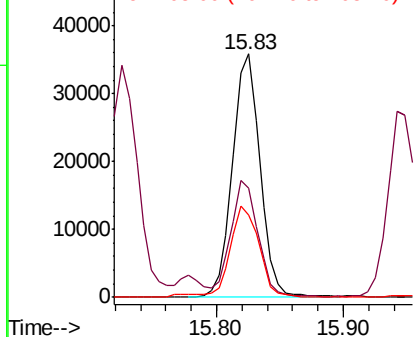
#65
4,6-Dinitro-2-methylphenol
Concen: 39.087 ng
RT: 15.83 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BG038555.D
Acq: 14 Dec 2018 5:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:198 Resp: 53925
Ion Ratio Lower Upper
198 100
51 44.9 28.6 68.6
105 33.7 20.4 60.4

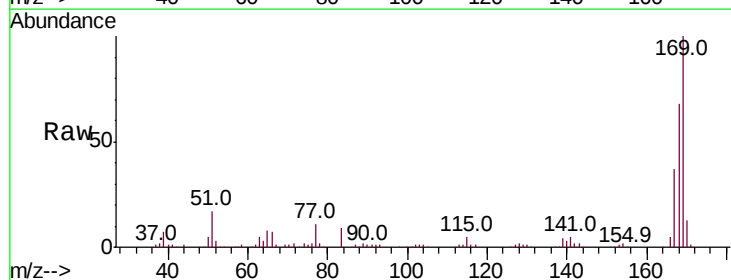


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

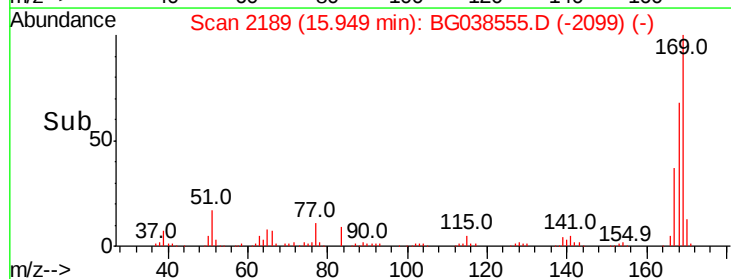
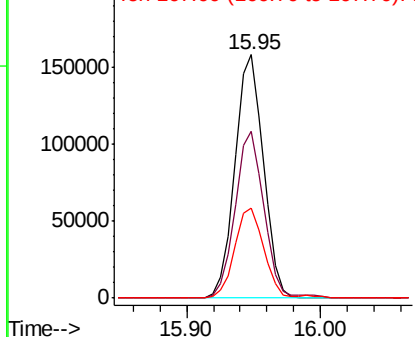


#66
n-Nitrosodiphenylamine
Concen: 41.186 ng
RT: 15.95 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BG038555.D
Acq: 14 Dec 2018 5:52

Tgt Ion:169 Resp: 234041
Ion Ratio Lower Upper
169 100
168 68.4 57.5 86.3
167 37.0 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

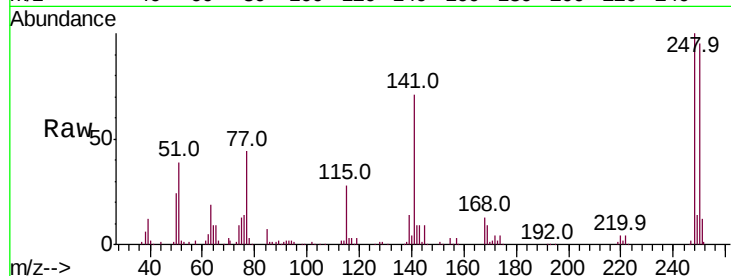




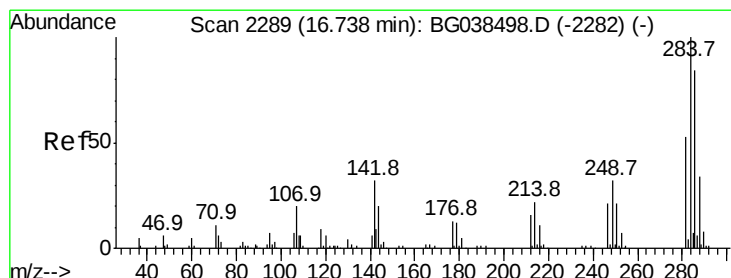
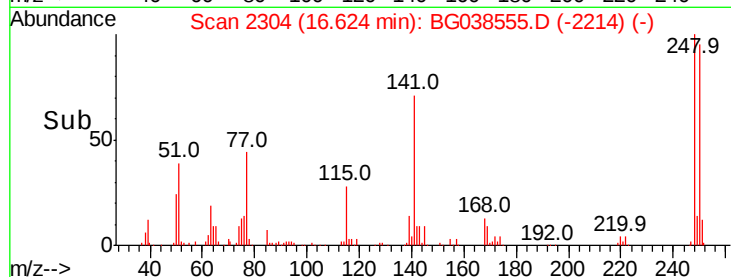
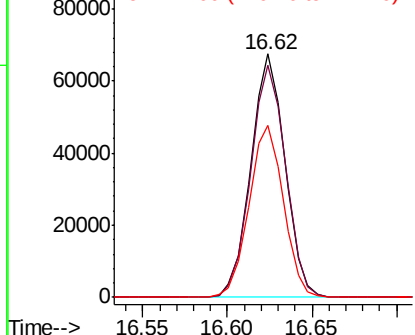
#67
4-Bromophenyl-phenylether
Concen: 40.175 ng
RT: 16.62 min Scan# 2304
Delta R.T. -0.00 min
Lab File: BG038555.D
Acq: 14 Dec 2018 5:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 94892
Ion Ratio Lower Upper
248 100
250 95.1 73.4 110.2
141 70.5 52.9 79.3

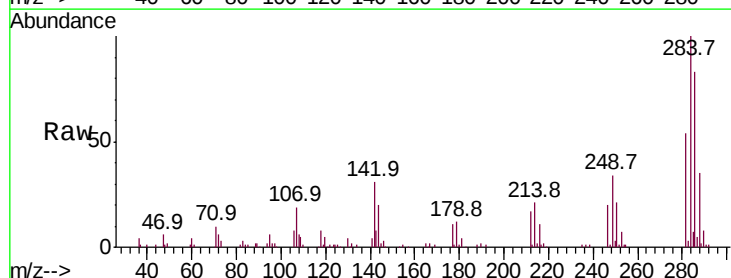


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

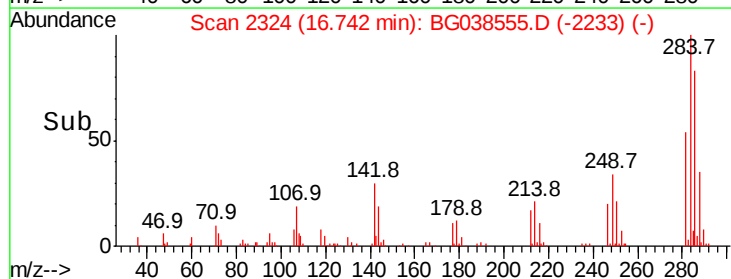
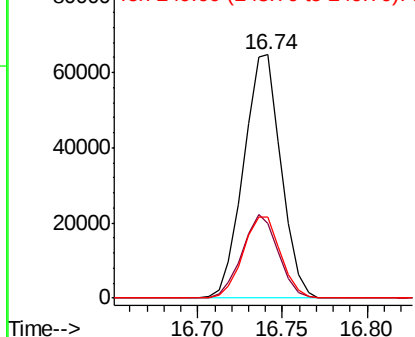


#68
Hexachlorobenzene
Concen: 40.625 ng
RT: 16.74 min Scan# 2324
Delta R.T. 0.00 min
Lab File: BG038555.D
Acq: 14 Dec 2018 5:52

Tgt Ion:284 Resp: 99469
Ion Ratio Lower Upper
284 100
142 30.9 25.8 38.6
249 36.2 27.0 40.4



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





#69

Atrazine

Concen: 42.466 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG038555.D

Acq: 14 Dec 2018 5:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

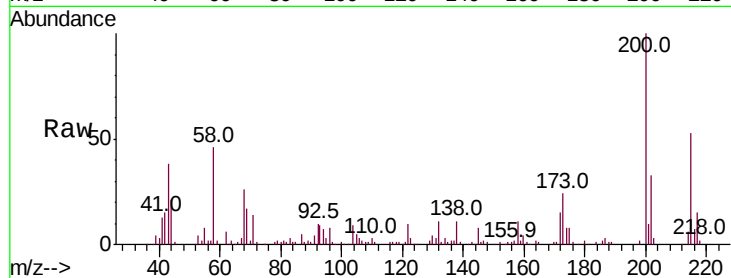
Tot Ion:200 Resp: 89554

Ion Ratio Lower Upper

200 100

173 23.7 5.9 45.9

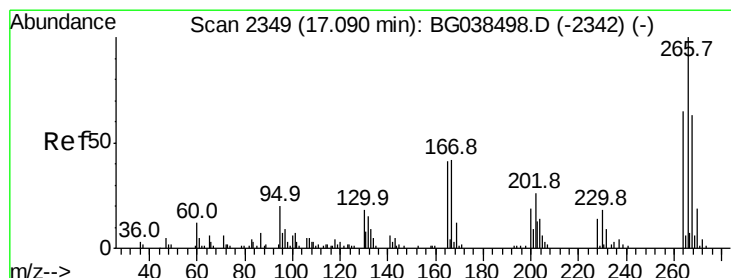
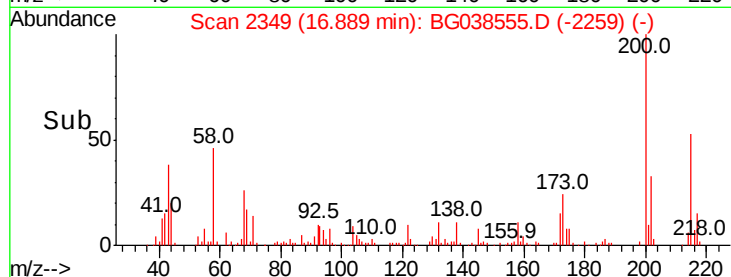
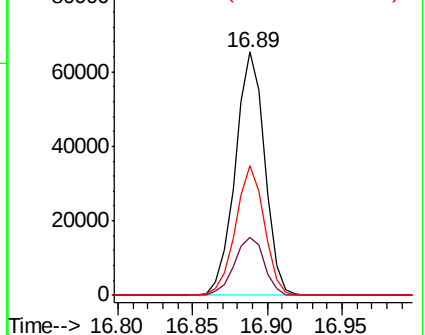
215 53.0 33.1 73.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 41.629 ng

RT: 17.09 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BG038555.D

Acq: 14 Dec 2018 5:52

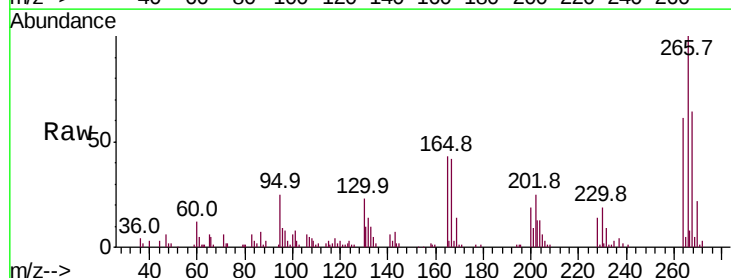
Tgt Ion:266 Resp: 60288

Ion Ratio Lower Upper

266 100

268 68.6 55.0 82.6

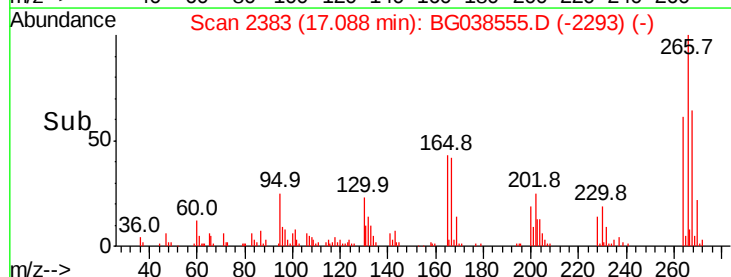
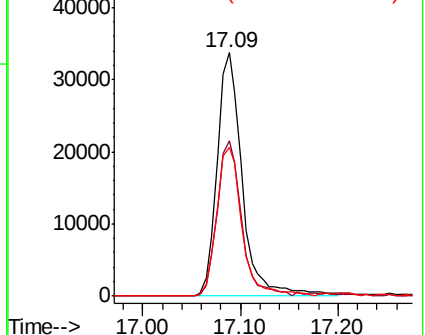
264 65.9 56.7 85.1

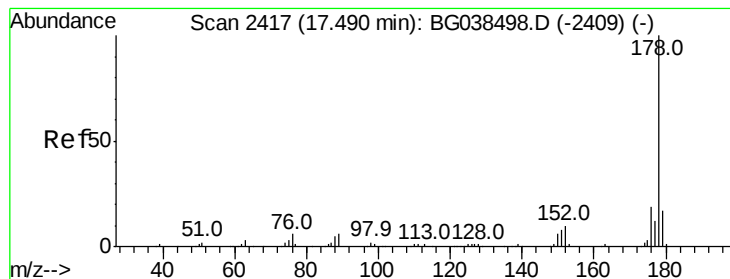


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.157 ng

RT: 17.49 min Scan# 2451

Delta R.T. -0.00 min

Lab File: BG038555.D

Acq: 14 Dec 2018 5:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

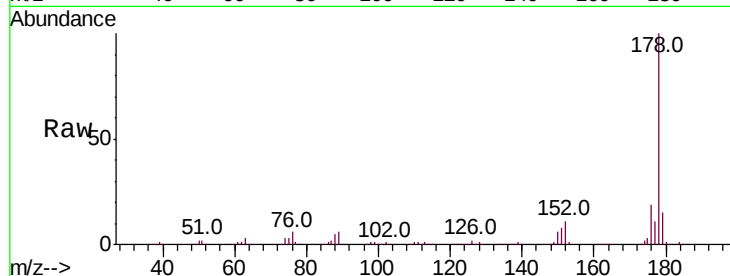
Tot Ion:178 Resp: 402742

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

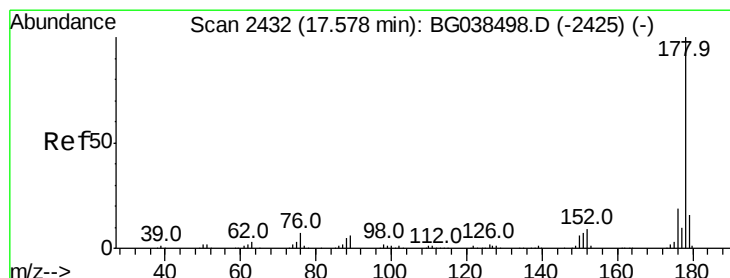
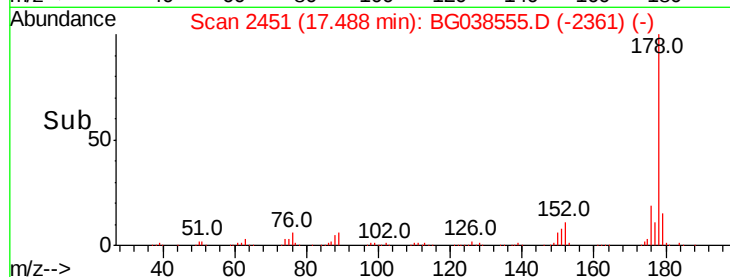
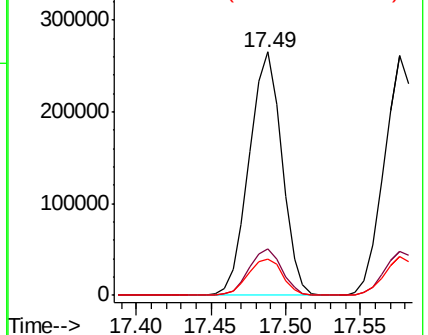
179 15.0 13.2 19.8



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: 40.354 ng

RT: 17.58 min Scan# 2466

Delta R.T. -0.00 min

Lab File: BG038555.D

Acq: 14 Dec 2018 5:52

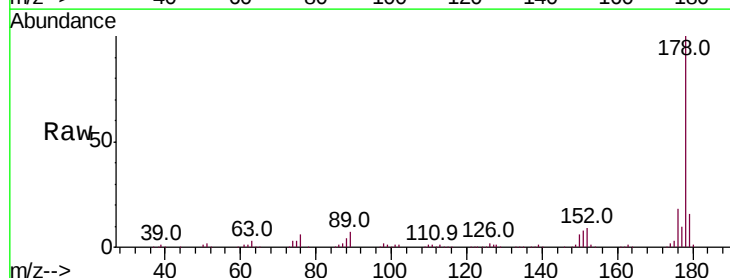
Tgt Ion:178 Resp: 399538

Ion Ratio Lower Upper

178 100

176 18.3 15.1 22.7

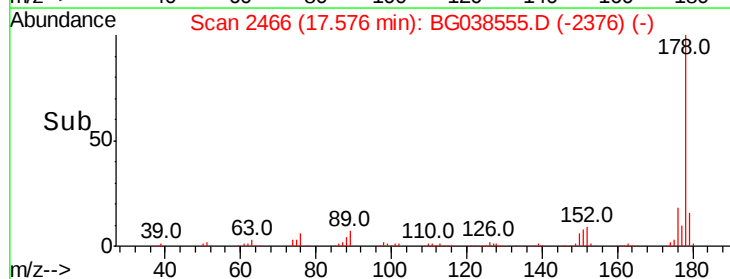
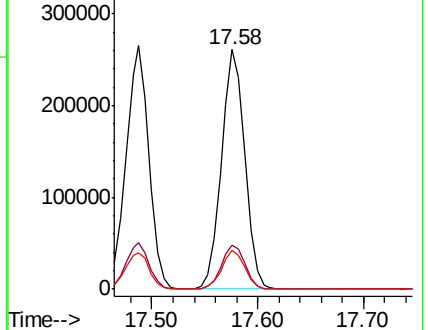
179 16.1 12.9 19.3



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





#73

Carbazole

Concen: 40.936 ng

RT: 17.85 min Scan# 2513

Delta R.T. -0.00 min

Lab File: BG038555.D

Acq: 14 Dec 2018 5:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

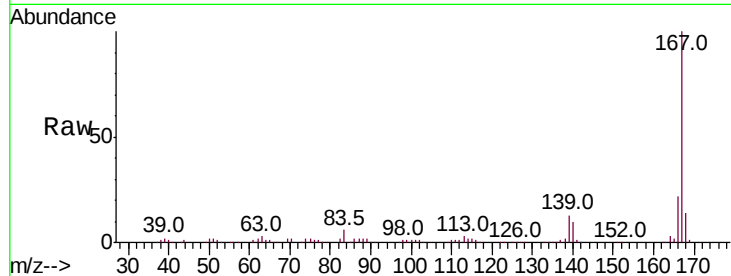
Tot Ion:167 Resp: 400830

Ion Ratio Lower Upper

167 100

166 22.1 17.9 26.9

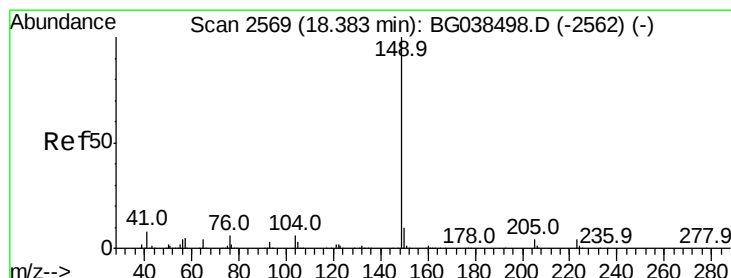
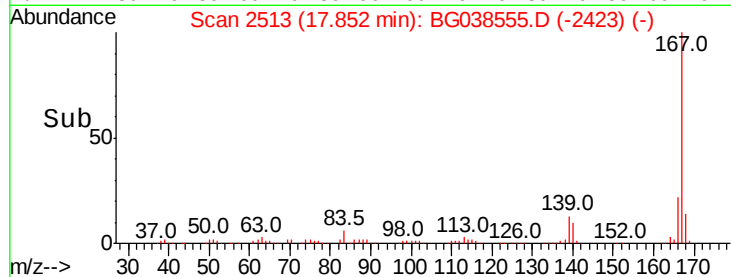
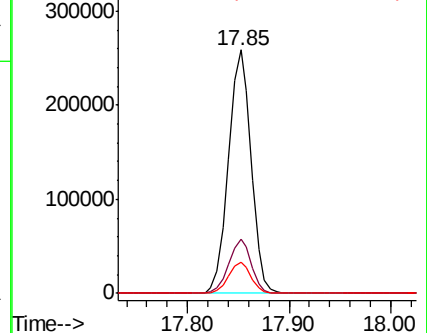
139 12.9 10.2 15.2



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



#74

Di-n-butylphthalate

Concen: 40.682 ng

RT: 18.38 min Scan# 2603

Delta R.T. -0.00 min

Lab File: BG038555.D

Acq: 14 Dec 2018 5:52

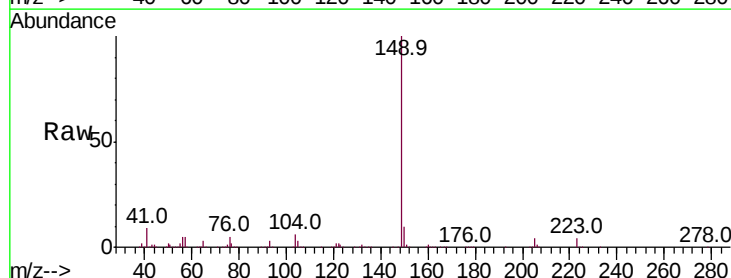
Tgt Ion:149 Resp: 457080

Ion Ratio Lower Upper

149 100

150 9.8 7.6 11.4

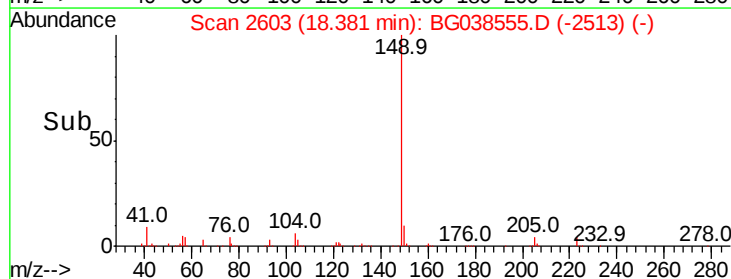
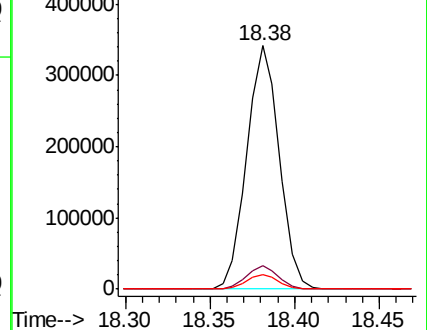
104 5.9 5.0 7.4

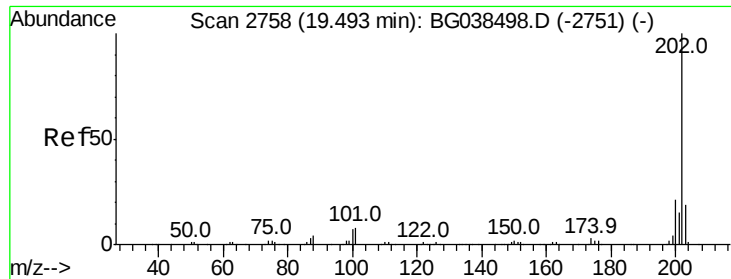


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

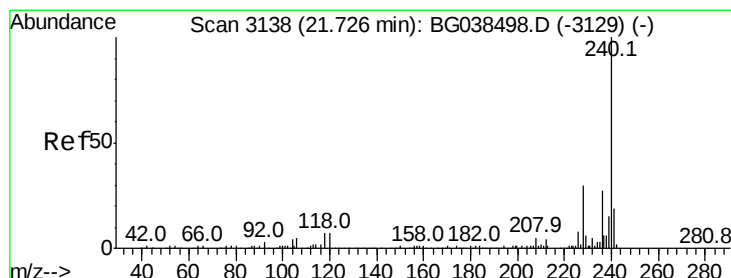
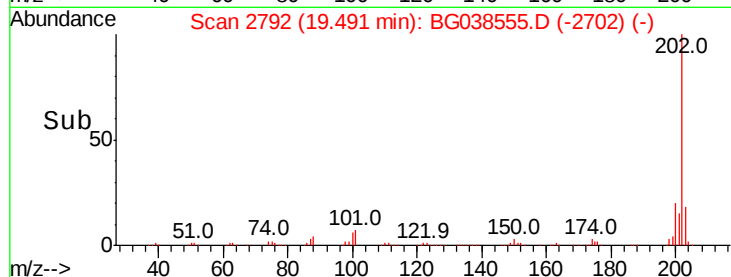
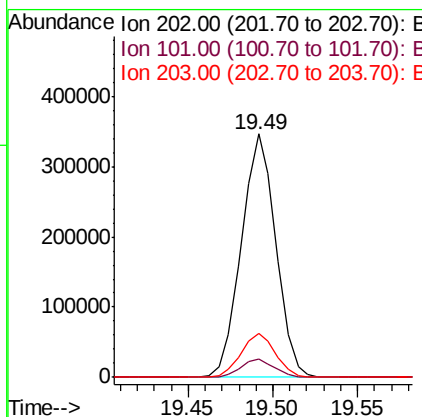
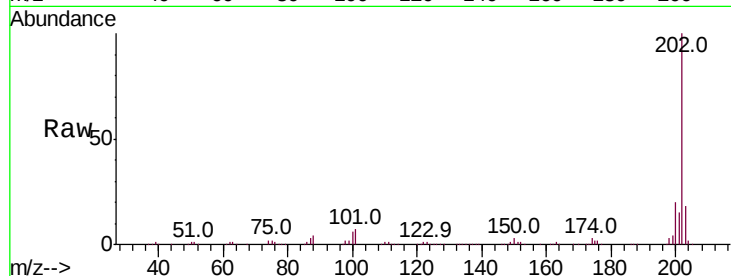




#75
 Fluoranthene
 Concen: 39.606 ng
 RT: 19.49 min Scan# 2792
 Delta R.T. -0.00 min
 Lab File: BG038555.D
 Acq: 14 Dec 2018 5:52

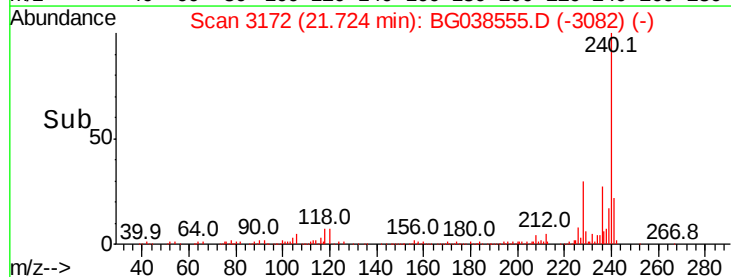
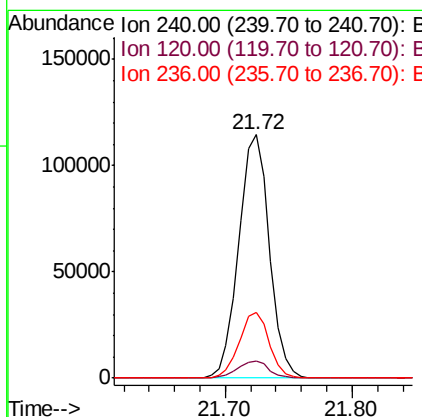
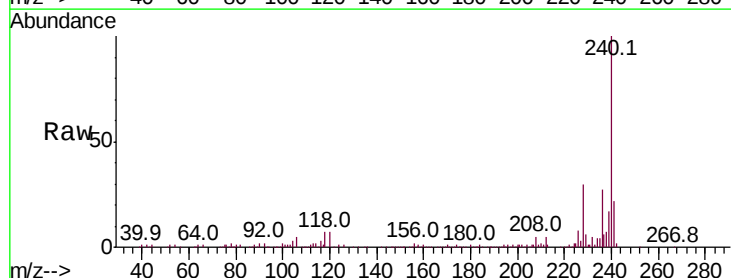
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

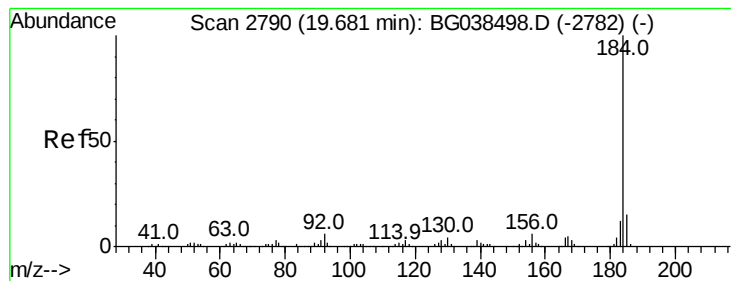
Tot Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	28.1
203	17.9	0.0	39.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3172
 Delta R.T. -0.00 min
 Lab File: BG038555.D
 Acq: 14 Dec 2018 5:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.2	5.3	7.9
236	27.1	21.4	32.2





#77

Benzidine

Concen: 40.282 ng

RT: 19.67 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG038555.D

Acq: 14 Dec 2018 5:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

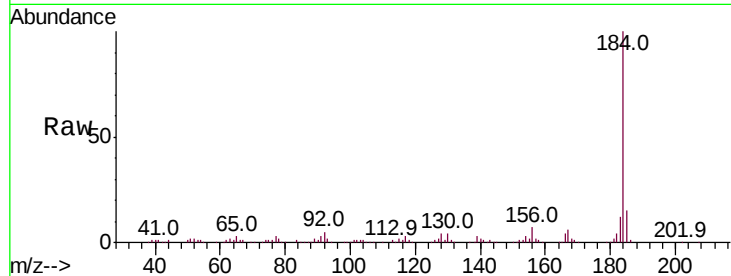
Tot Ion:184 Resp: 228494

Ion Ratio Lower Upper

184 100

185 14.9 12.2 18.2

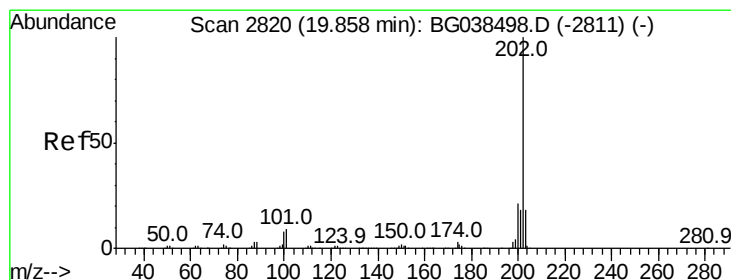
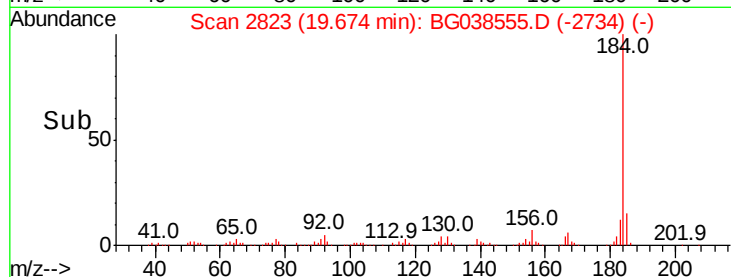
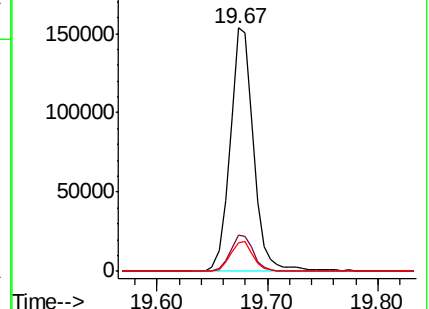
183 11.9 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.764 ng

RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038555.D

Acq: 14 Dec 2018 5:52

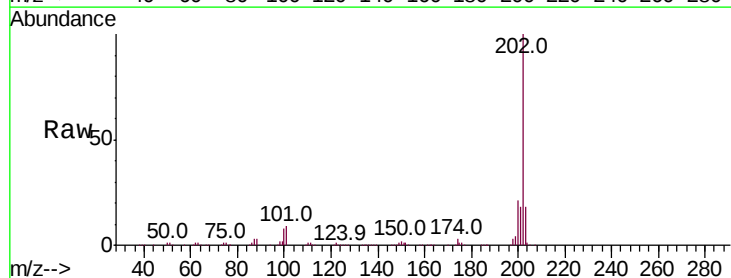
Tgt Ion:202 Resp: 503849

Ion Ratio Lower Upper

202 100

200 20.6 16.6 25.0

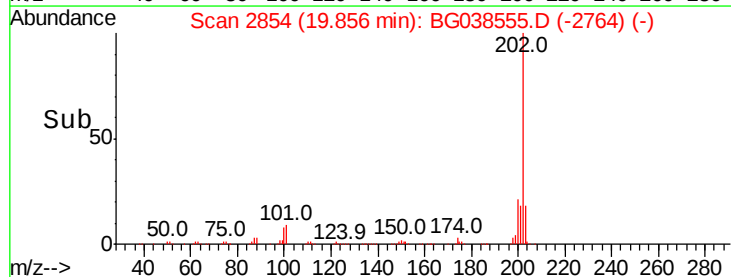
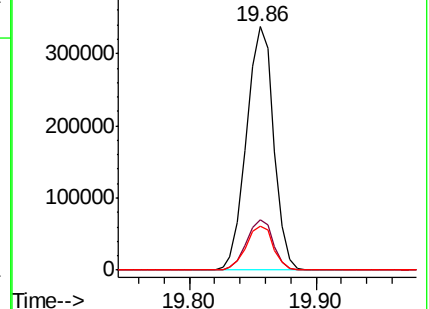
203 18.1 14.6 21.8

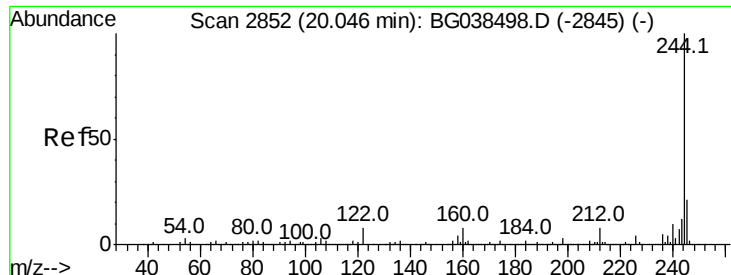


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.928 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038555.D

Acq: 14 Dec 2018 5:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

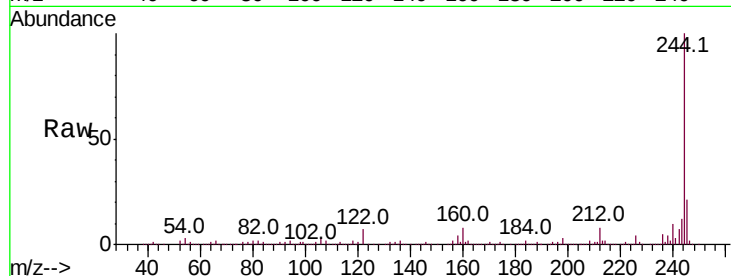
Tot Ion:244 Resp: 713221

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

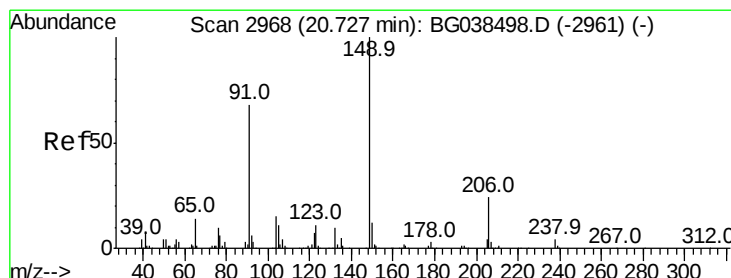
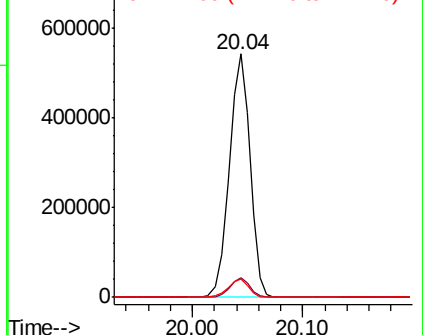
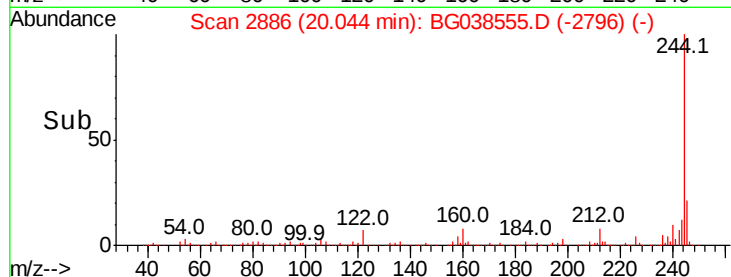
122 7.5 6.3 9.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.972 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BG038555.D

Acq: 14 Dec 2018 5:52

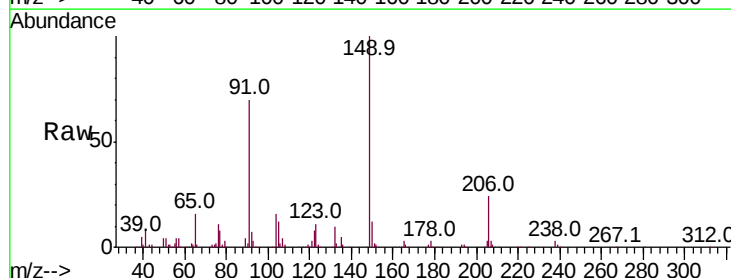
Tgt Ion:149 Resp: 202827

Ion Ratio Lower Upper

149 100

91 69.8 54.5 81.7

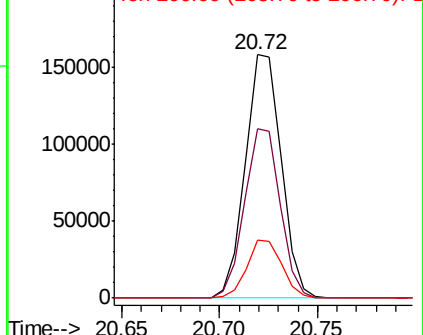
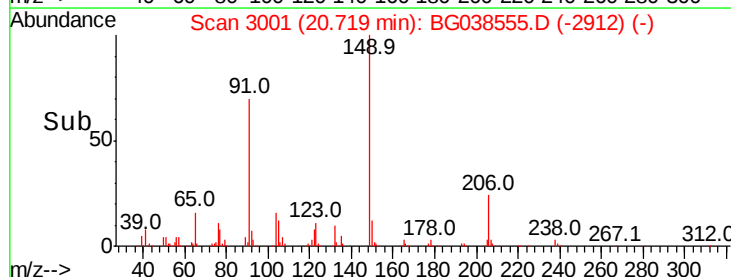
206 23.7 19.0 28.6

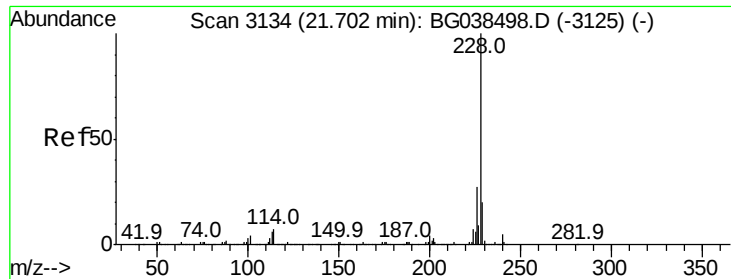


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

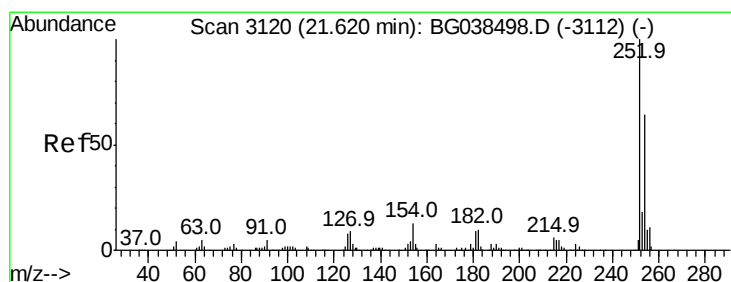
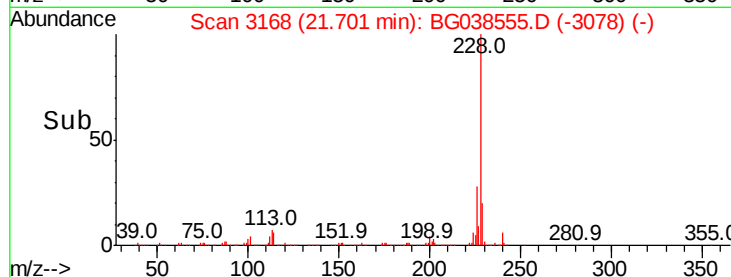
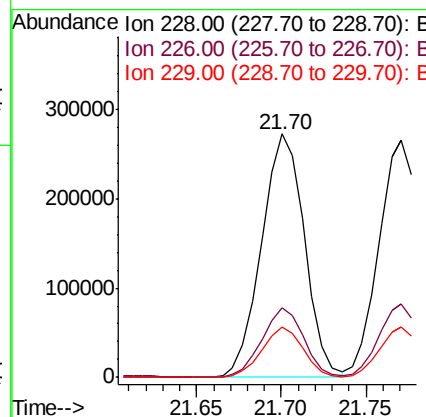
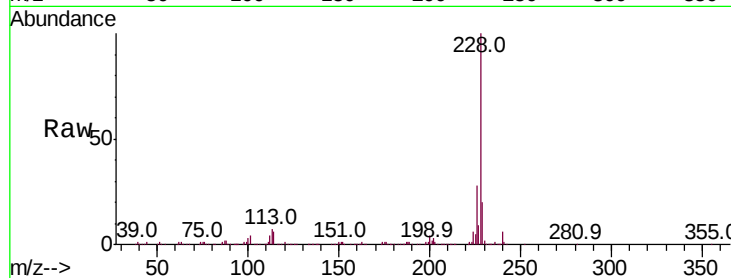




#81
Benzo(a)anthracene
Concen: 41.218 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.00 min
Lab File: BG038555.D
Acq: 14 Dec 2018 5:52

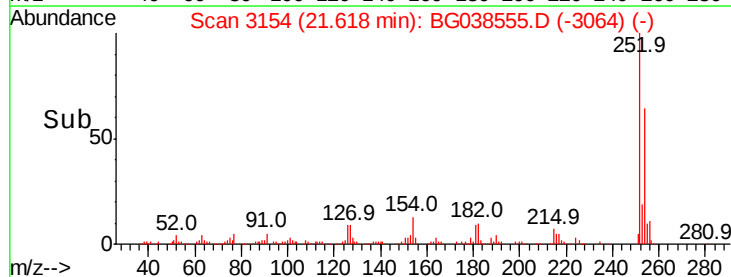
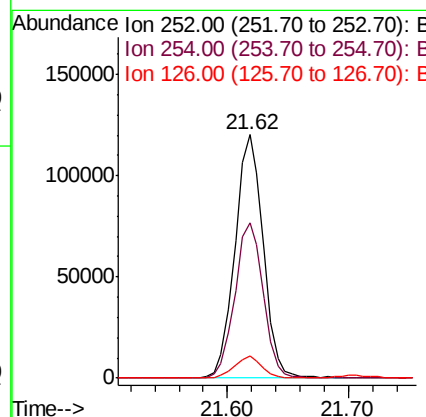
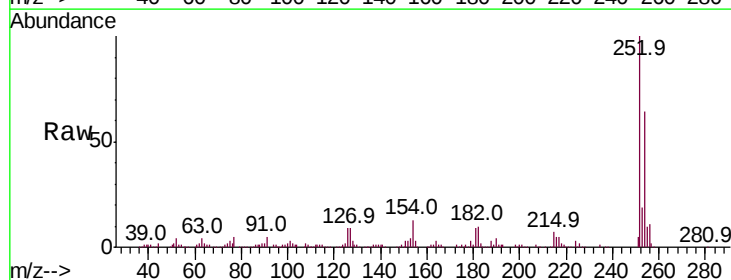
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

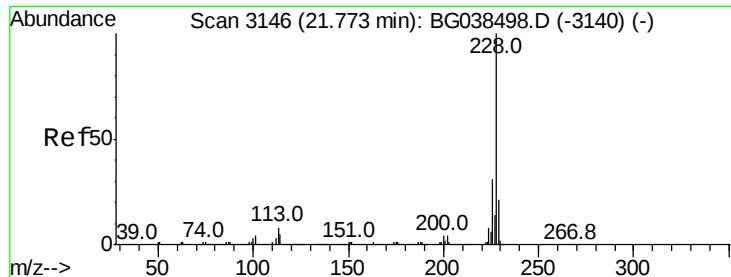
Tot Ion:228 Resp: 481732
Ion Ratio Lower Upper
228 100
226 28.4 21.8 32.8
229 20.5 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 42.096 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG038555.D
Acq: 14 Dec 2018 5:52

Tgt Ion:252 Resp: 195124
Ion Ratio Lower Upper
252 100
254 63.9 50.9 76.3
126 9.1 6.3 9.5





#83

Chrysene

Concen: 40.489 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BG038555.D

Acq: 14 Dec 2018 5:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

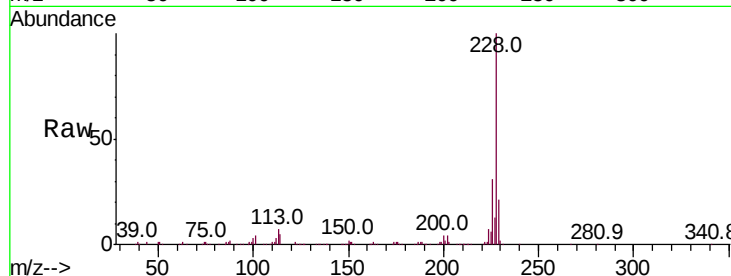
Tot Ion:228 Resp: 455792

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.4

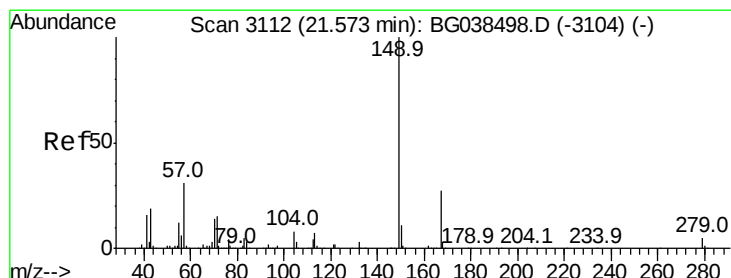
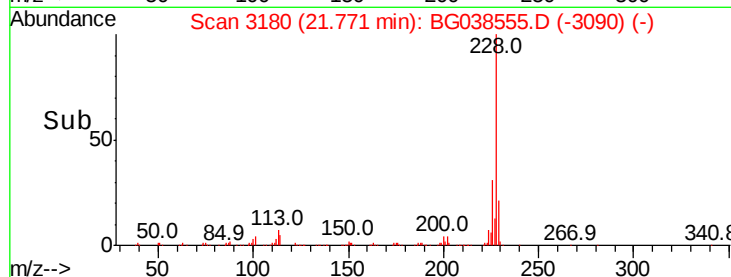
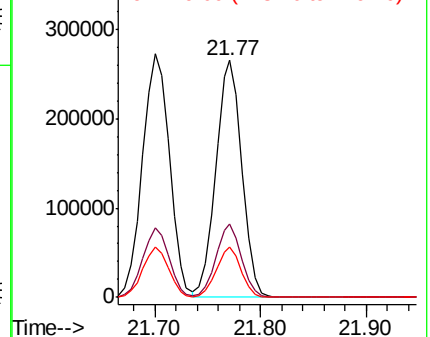
229 21.0 16.5 24.7



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: 41.380 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG038555.D

Acq: 14 Dec 2018 5:52

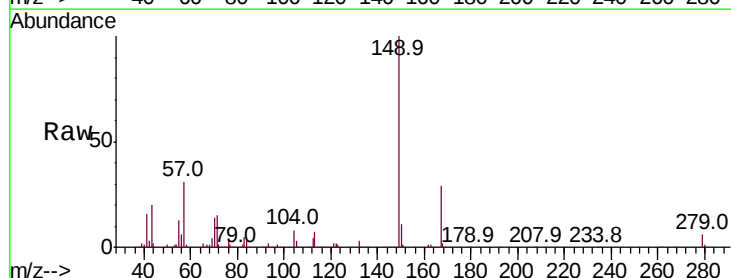
Tgt Ion:149 Resp: 290525

Ion Ratio Lower Upper

149 100

167 28.7 21.9 32.9

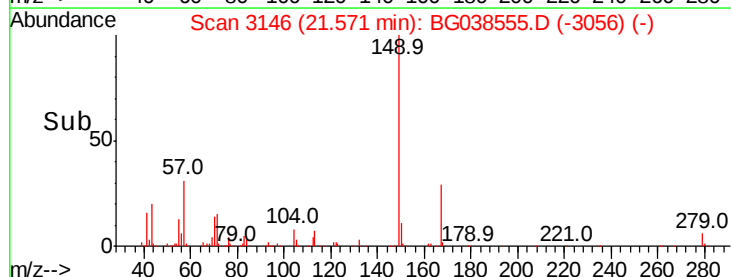
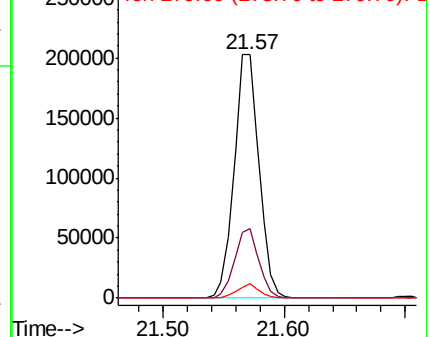
279 5.8 4.2 6.2

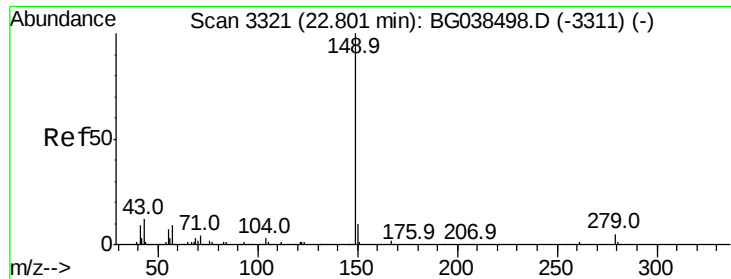


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

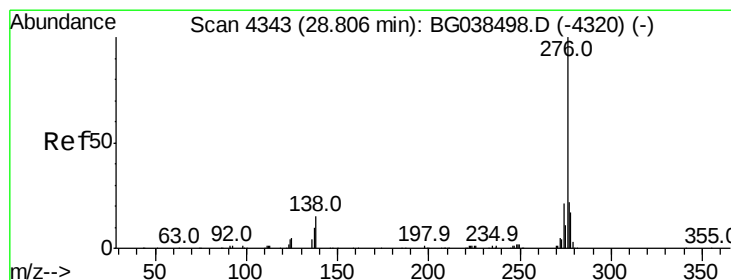
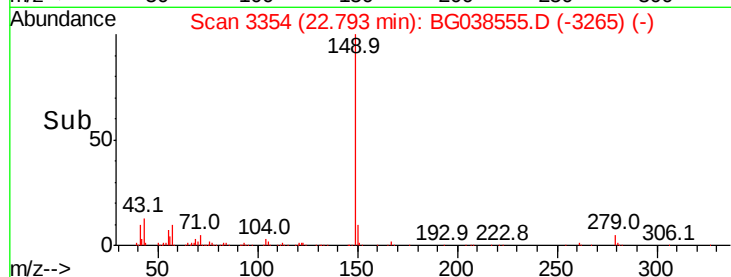
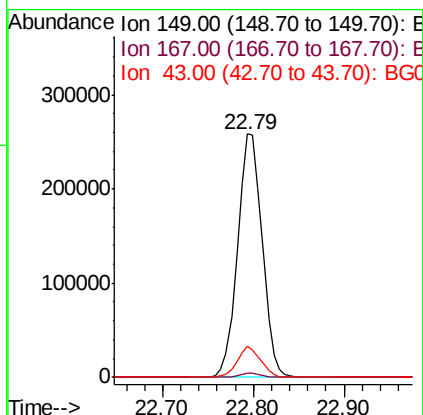
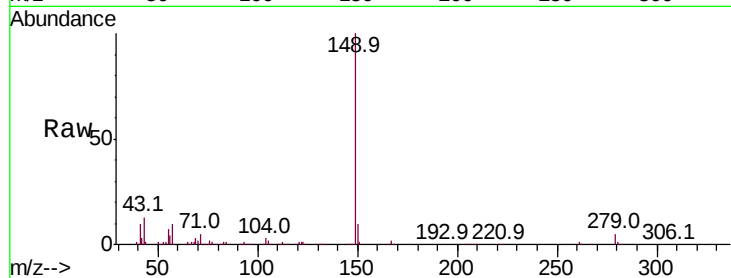




#85
Di-n-octyl phthalate
Concen: 41.450 ng
RT: 22.79 min Scan# 3354
Delta R.T. -0.01 min
Lab File: BG038555.D
Acq: 14 Dec 2018 5:52

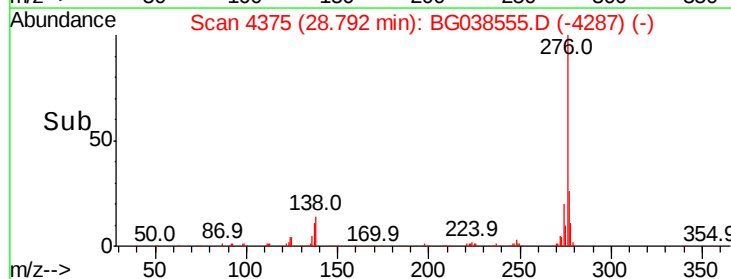
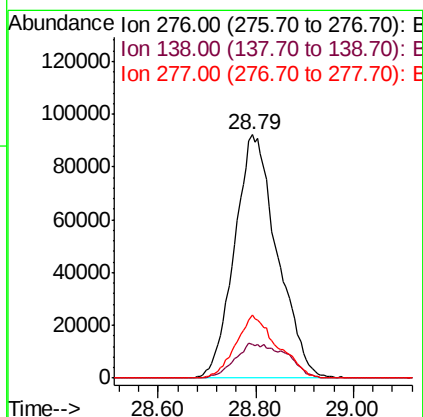
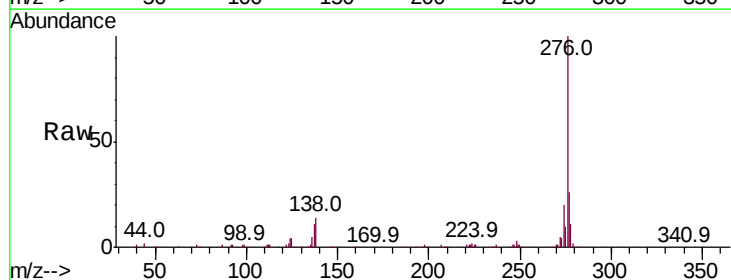
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

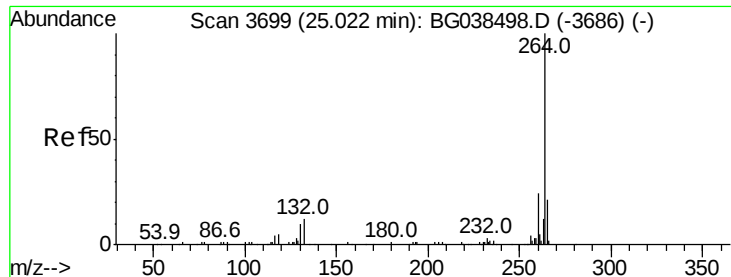
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	12.1	9.3	13.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.298 ng
RT: 28.79 min Scan# 4375
Delta R.T. -0.01 min
Lab File: BG038555.D
Acq: 14 Dec 2018 5:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.1	14.4	21.6
277	25.2	0.0	0.0#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BG038555.D

Acq: 14 Dec 2018 5:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

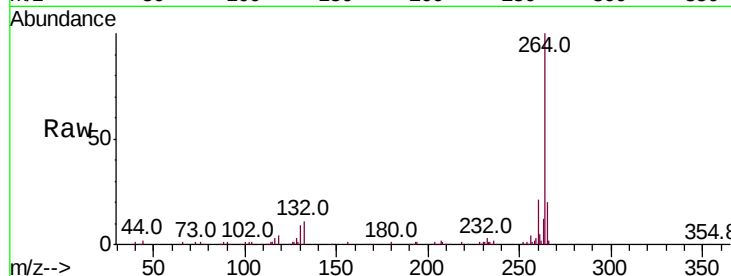
Tot Ion:264 Resp: 213997

Ion Ratio Lower Upper

264 100

260 21.4 18.9 28.3

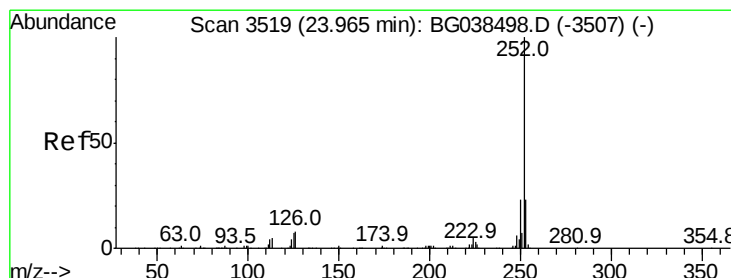
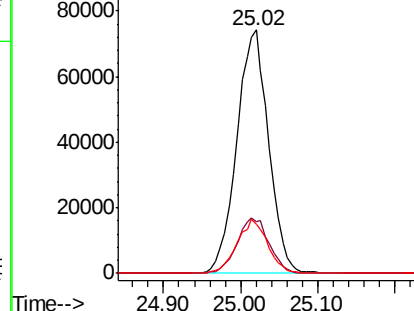
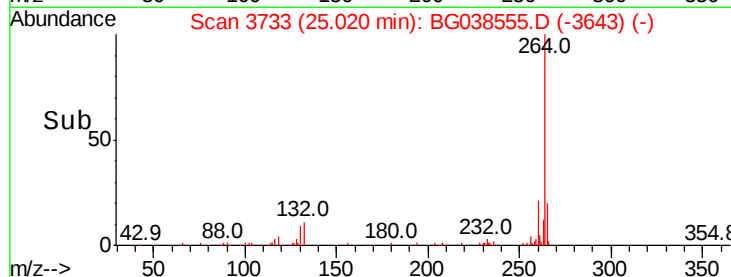
265 20.4 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.228 ng

RT: 23.96 min Scan# 3553

Delta R.T. -0.00 min

Lab File: BG038555.D

Acq: 14 Dec 2018 5:52

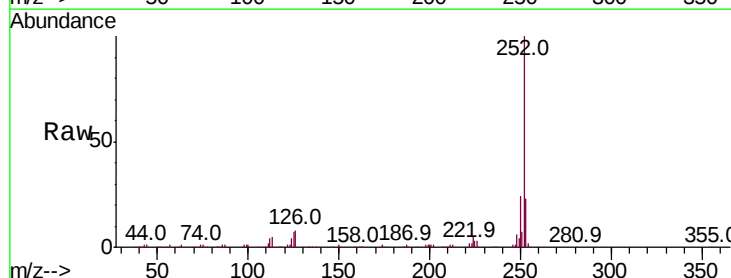
Tgt Ion:252 Resp: 484397

Ion Ratio Lower Upper

252 100

253 22.9 18.1 27.1

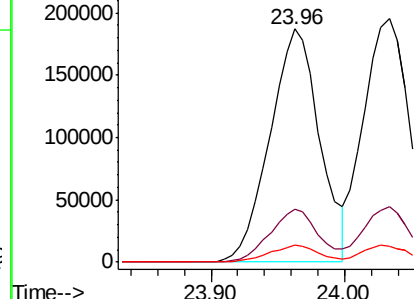
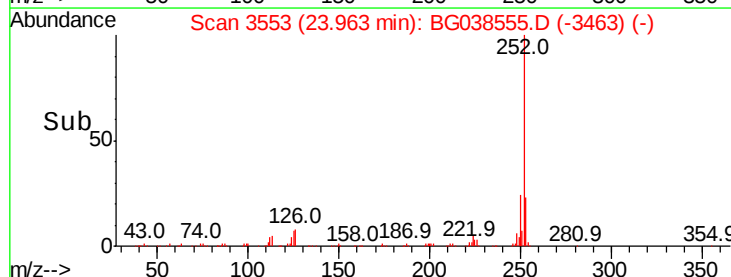
125 7.2 5.5 8.3

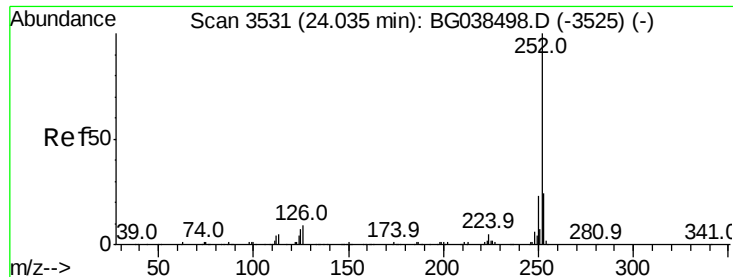


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 39.974 ng

RT: 24.03 min Scan# 3565

Delta R.T. -0.00 min

Lab File: BG038555.D

Acq: 14 Dec 2018 5:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

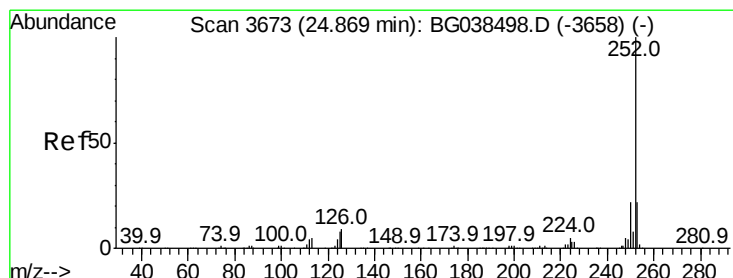
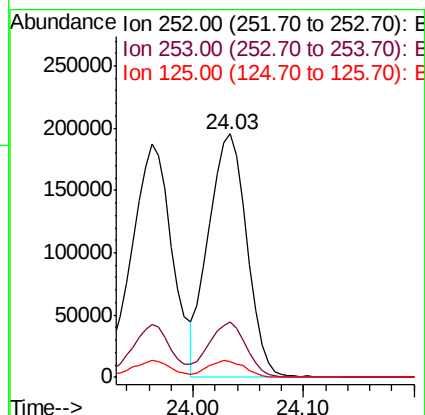
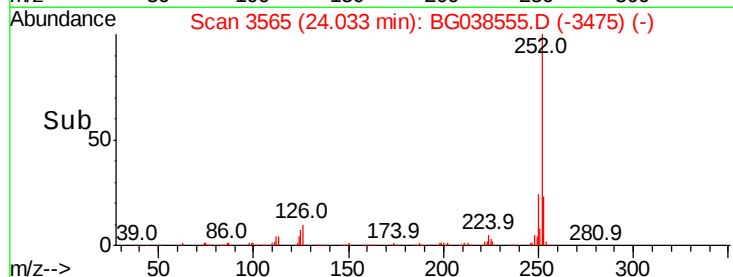
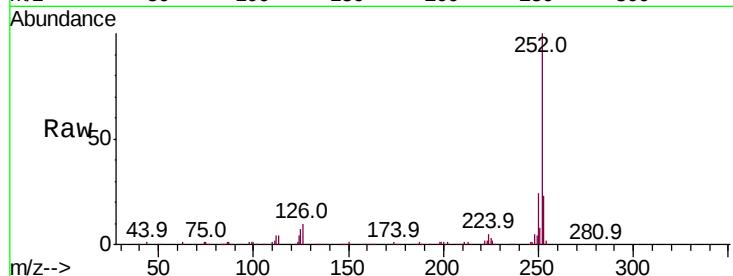
Tot Ion:252 Resp: 467692

Ion Ratio Lower Upper

252 100

253 22.7 18.9 28.3

125 6.7 5.4 8.2



#90

Benzo(a)pyrene

Concen: 41.170 ng

RT: 24.86 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG038555.D

Acq: 14 Dec 2018 5:52

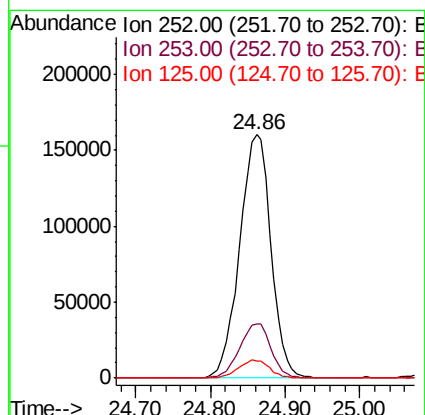
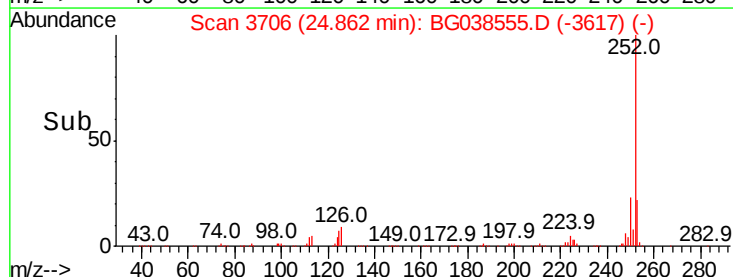
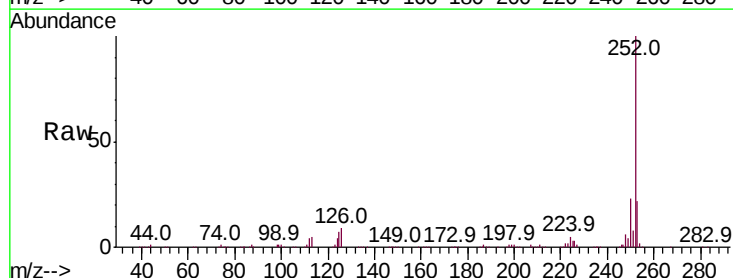
Tgt Ion:252 Resp: 466665

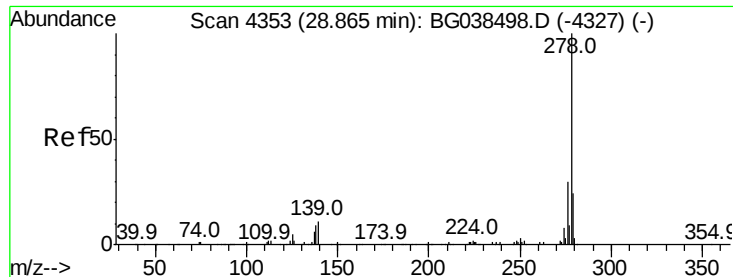
Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

125 7.1 6.4 9.6





#91

Dibenzo(a,h)anthracene

Concen: 41.280 ng

RT: 28.86 min Scan# 4387

Delta R.T. -0.00 min

Lab File: BG038555.D

Acq: 14 Dec 2018 5:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

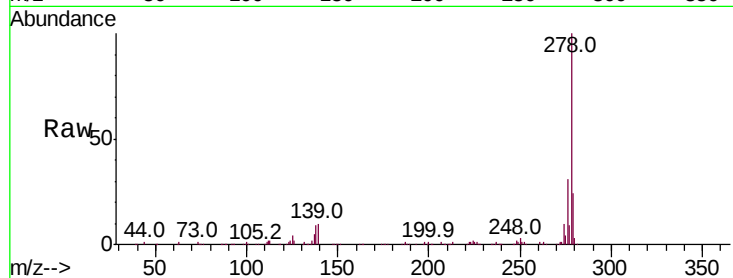
Tot Ion:278 Resp: 465887

Ion Ratio Lower Upper

278 100

139 10.3 8.6 12.8

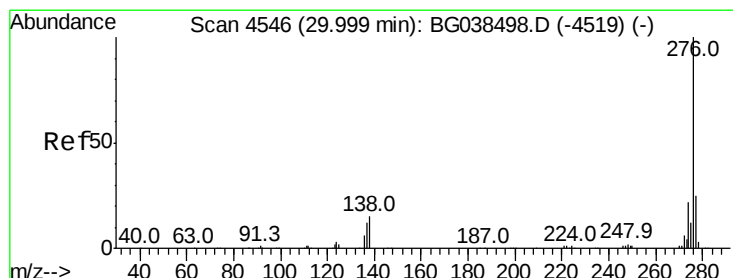
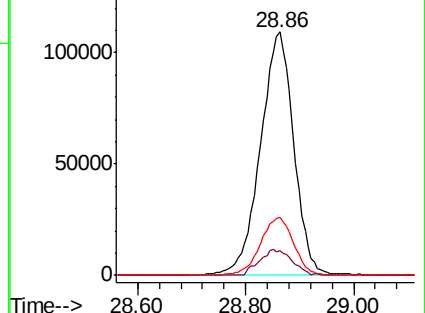
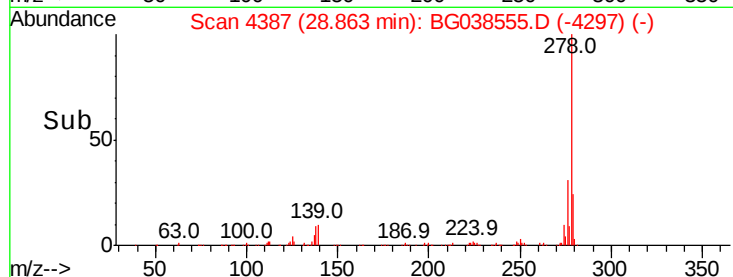
279 23.7 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.162 ng

RT: 29.99 min Scan# 4579

Delta R.T. -0.01 min

Lab File: BG038555.D

Acq: 14 Dec 2018 5:52

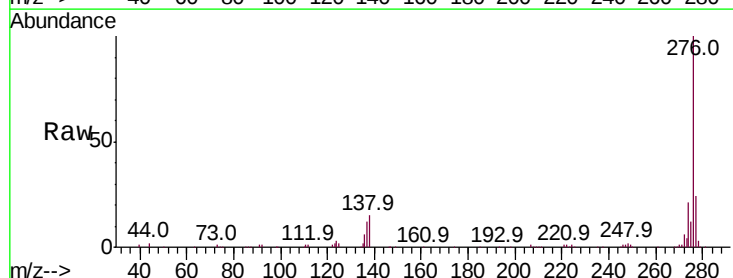
Tgt Ion:276 Resp: 457818

Ion Ratio Lower Upper

276 100

277 24.0 19.8 29.8

138 14.8 11.8 17.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

