

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121119\
 Data File : BG043798.D
 Acq On : 11 Dec 2019 16:52
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 12 02:19:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 18:16:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	129290	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	564926	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	399166	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	881338	20.00	ng	0.00
76) Chrysene-d12	21.63	240	734180	20.00	ng	0.00
87) Perylene-d12	24.78	264	846686	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	553448	81.11	ng	0.00
7) Phenol-d6	7.16	99	800505	81.34	ng	0.00
23) Nitrobenzene-d5	9.15	82	804971	80.00	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	311536	81.87	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1796577	79.06	ng	0.00
79) Terphenyl-d14	19.98	244	2477352	81.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	124901	39.526	ng	98
3) Pyridine	3.88	79	373166	42.736	ng	98
4) n-Nitrosodimethylamine	3.79	42	164030	39.179	ng	96
6) Aniline	7.32	93	524051	40.246	ng	99
8) 2-Chlorophenol	7.56	128	318828	40.094	ng	97
9) Benzaldehyde	7.13	77	229797	43.447	ng	90
10) Phenol	7.18	94	406088	39.969	ng	99
11) bis(2-Chloroethyl)ether	7.42	93	341907	39.659	ng	97
12) 1,3-Dichlorobenzene	7.89	146	375790	39.434	ng	98
13) 1,4-Dichlorobenzene	8.04	146	373890	39.252	ng	98
14) 1,2-Dichlorobenzene	8.36	146	359245	39.144	ng	97
15) Benzyl Alcohol	8.23	79	317358	40.523	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	542302	39.249	ng	99
17) 2-Methylphenol	8.44	107	289771	39.954	ng	99
18) Hexachloroethane	9.09	117	140678	40.643	ng	95
19) n-Nitroso-di-n-propylamine	8.81	70	296350	39.390	ng	99
20) 3+4-Methylphenols	8.77	107	409847	40.584	ng	98
22) Acetophenone	8.82	105	546871	38.816	ng	# 98
24) Nitrobenzene	9.20	77	399243	38.956	ng	98
25) Isophorone	9.72	82	792804	39.454	ng	99
26) 2-Nitrophenol	9.91	139	155448	40.394	ng	96
27) 2,4-Dimethylphenol	9.97	122	281565	39.653	ng	99
28) bis(2-Chloroethoxy)methane	10.21	93	504592	39.230	ng	97
29) 2,4-Dichlorophenol	10.44	162	351777	40.342	ng	97
30) 1,2,4-Trichlorobenzene	10.66	180	401737	38.920	ng	97
31) Naphthalene	10.85	128	1070516	39.492	ng	99
32) Benzoic acid	10.10	122	205253	42.898	ng	95
33) 4-Chloroaniline	10.95	127	520467	39.601	ng	98
34) Hexachlorobutadiene	11.15	225	241710	38.646	ng	94
35) Caprolactam	11.71	113	140615	41.090	ng	96
36) 4-Chloro-3-methylphenol	12.07	107	380384	40.520	ng	99
37) 2-Methylnaphthalene	12.46	142	827300	39.376	ng	99
38) 1-Methylnaphthalene	12.67	142	782698	39.177	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	451427	37.636	ng	100

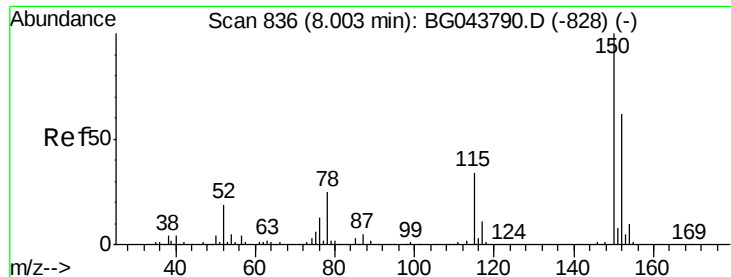
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121119\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 18:16:57 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	210238	37.343	nq	98
43) 2,4,6-Trichlorophenol	13.06	196	307524	40.338	nq	99
44) 2,4,5-Trichlorophenol	13.13	196	326609	40.892	nq	97
46) 1,1'-Biphenyl	13.46	154	1074470	39.045	nq	99
47) 2-Chloronaphthalene	13.50	162	872696	38.792	nq	99
48) 2-Nitroaniline	13.69	65	274223	41.331	nq	95
49) Acenaphthylene	14.35	152	1329627	39.676	nq	99
50) Dimethylphthalate	14.08	163	1141516	40.067	nq	100
51) 2,6-Dinitrotoluene	14.19	165	246956	40.223	nq	95
52) Acenaphthene	14.70	154	855418	38.801	nq	97
53) 3-Nitroaniline	14.52	138	285248	40.599	nq	98
54) 2,4-Dinitrophenol	14.72	184	82949	41.906	nq	# 87
55) Dibenzofuran	15.02	168	1288453	39.481	nq	99
56) 4-Nitrophenol	14.82	139	220447	43.007	nq	94
57) 2,4-Dinitrotoluene	14.98	165	343651	41.423	nq	96
58) Fluorene	15.68	166	1048103	39.845	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.17	232	288704	40.286	nq	98
60) Diethylphthalate	15.45	149	1135970	39.917	nq	99
61) 4-Chlorophenyl-phenylether	15.67	204	571244	38.777	nq	99
62) 4-Nitroaniline	15.68	138	294629	40.471	nq	97
63) Azobenzene	15.96	77	1028306	39.332	nq	99
65) 4,6-Dinitro-2-methylphenol	15.74	198	119963	37.798	nq	98
66) n-Nitrosodiphenylamine	15.88	169	959559	39.173	nq	99
67) 4-Bromophenyl-phenylether	16.56	248	365843	38.826	nq	97
68) Hexachlorobenzene	16.68	284	386262	38.650	nq	98
69) Atrazine	16.83	200	296664	37.990	nq	99
70) Pentachlorophenol	17.02	266	220823	41.539	nq	96
71) Phenanthrene	17.41	178	1664096	39.884	nq	100
72) Anthracene	17.50	178	1639014	39.684	nq	99
73) Carbazole	17.76	167	1530314	39.638	nq	99
74) Di-n-butylphthalate	18.34	149	1820277	41.128	nq	99
75) Fluoranthene	19.42	202	1916075	40.125	nq	98
77) Benzidine	19.59	184	818121	51.078	nq	97
78) Pyrene	19.78	202	1901628	39.634	nq	98
80) Butylbenzylphthalate	20.68	149	837704	41.922	nq	95
81) Benzo(a)anthracene	21.61	228	1853380	39.998	nq	100
82) 3,3'-Dichlorobenzidine	21.52	252	694847	40.593	nq	98
83) Chrysene	21.67	228	1758840	39.840	nq	100
84) Bis(2-ethylhexyl)phthalate	21.54	149	1172068	40.892	nq	100
85) Di-n-octyl phthalate	22.74	149	1977748	42.208	nq	100
86) Indeno(1,2,3-cd)pyrene	28.37	276	2192109	38.795	nq	99
88) Benzo(b)fluoranthene	23.78	252	1866345	38.285	nq	100
89) Benzo(k)fluoranthene	23.85	252	1847929	39.241	nq	99
90) Benzo(a)pyrene	24.63	252	1797639	38.694	nq	99
91) Dibenzo(a,h)anthracene	28.43	278	1772040	38.188	nq	100
92) Benzo(g,h,i)perylene	29.48	276	1753867	38.301	nq	100

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

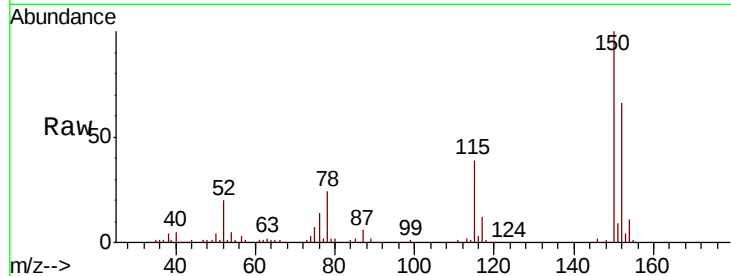


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. 0.00 min
Lab File: BG043798.D
Acq: 11 Dec 2019 16:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	128.6	192.8
115	59.0	44.3	66.5

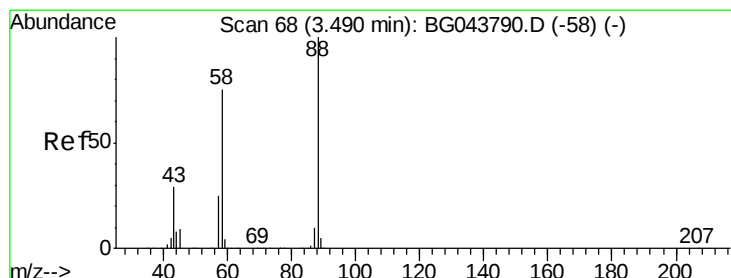
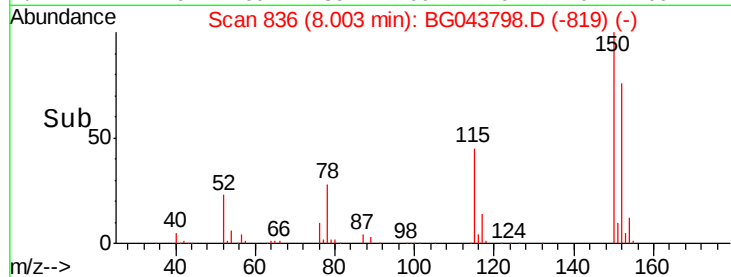
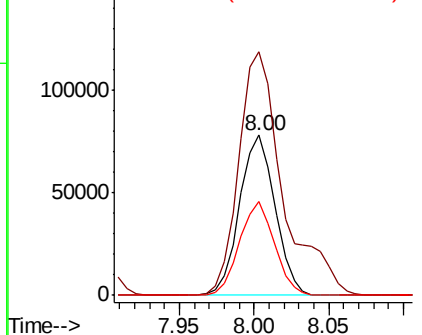


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

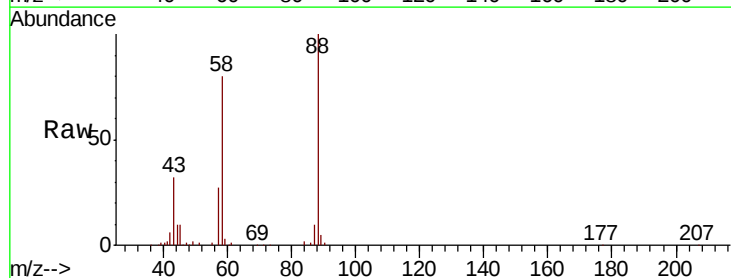
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.526 ng
RT: 3.49 min Scan# 67
Delta R.T. -0.01 min
Lab File: BG043798.D
Acq: 11 Dec 2019 16:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.0	62.2	93.4
43	30.8	24.3	36.5

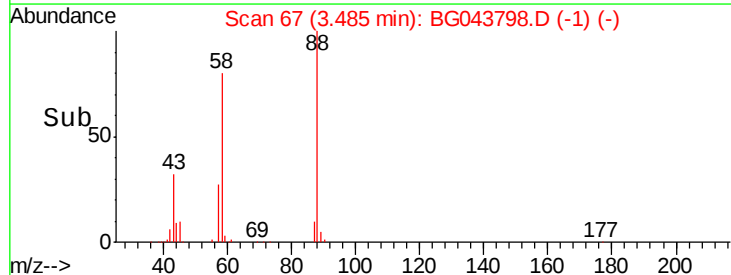
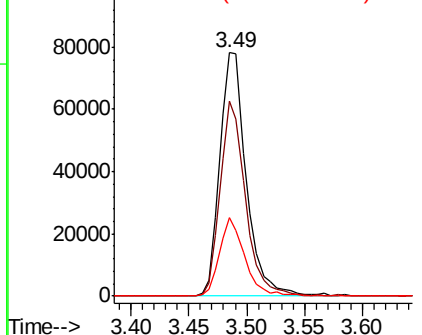


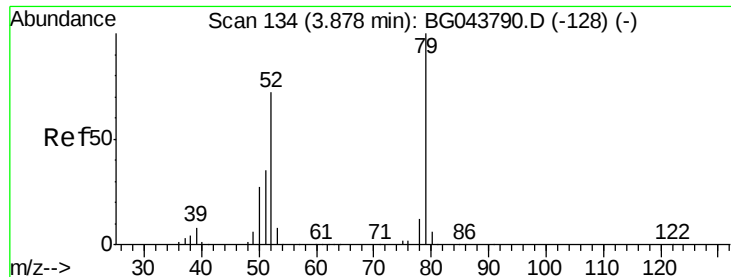
Abundance

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: 42.736 ng

RT: 3.88 min Scan# 134

Delta R.T. 0.00 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

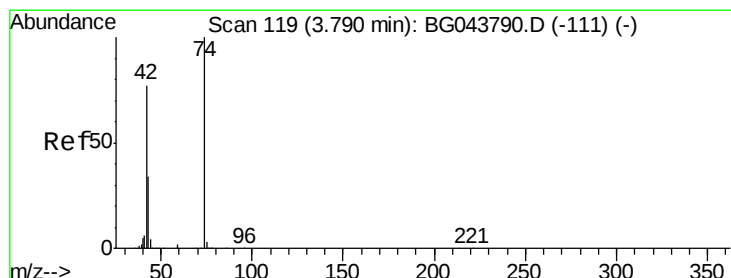
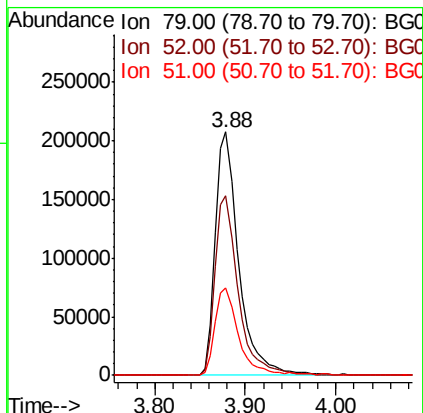
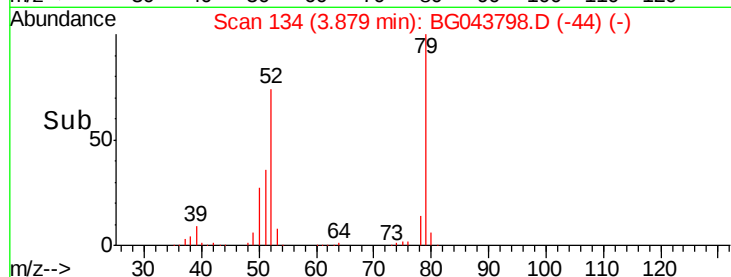
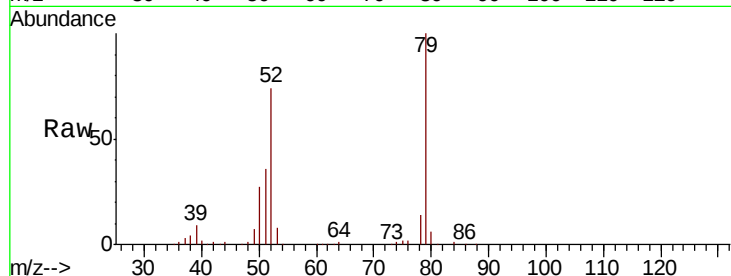
Tot Ion: 79 Resp: 373166

Ion Ratio Lower Upper

79 100

52 73.7 57.6 86.4

51 36.2 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 39.179 ng

RT: 3.79 min Scan# 119

Delta R.T. 0.00 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

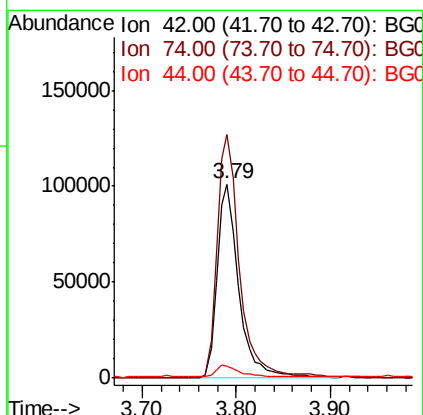
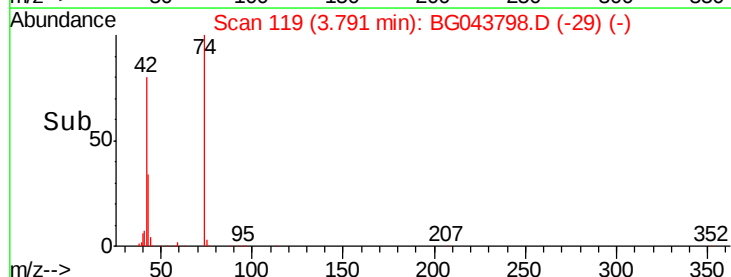
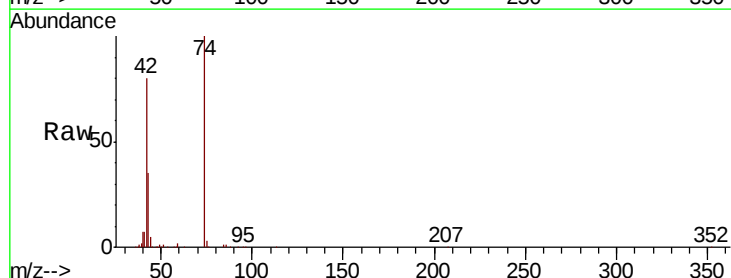
Tgt Ion: 42 Resp: 164030

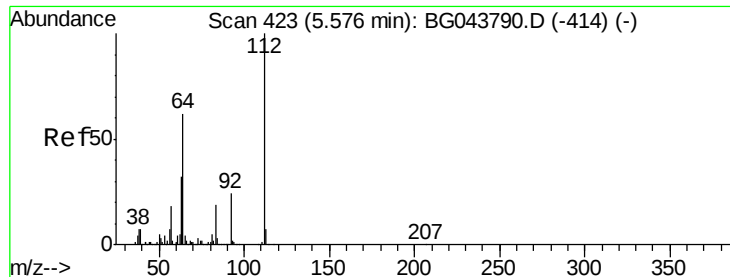
Ion Ratio Lower Upper

42 100

74 125.5 104.2 156.4

44 6.1 5.6 8.4





#5

2-Fluorophenol

Concen: 81.107 ng

RT: 5.58 min Scan# 423

Delta R.T. 0.00 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

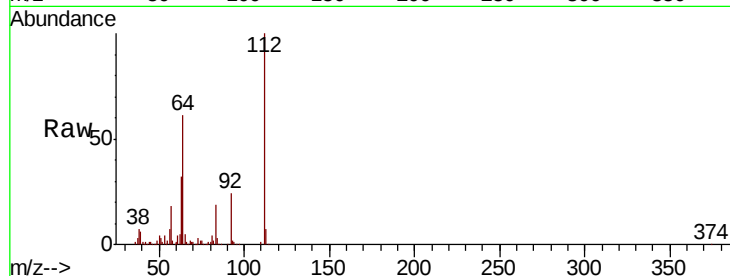
Tot Ion:112 Resp: 553448

Ion Ratio Lower Upper

112 100

64 61.1 49.9 74.9

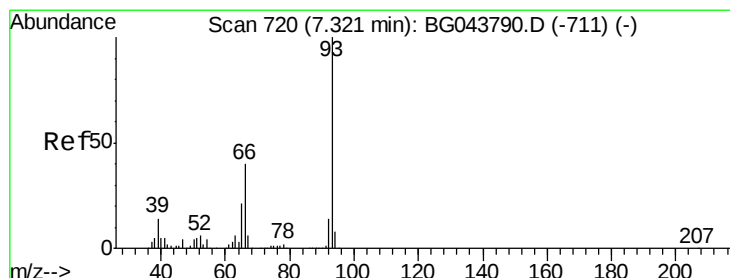
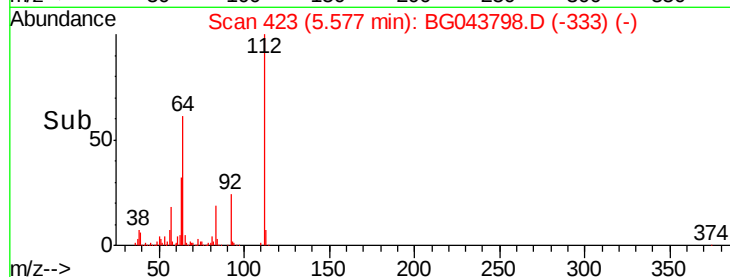
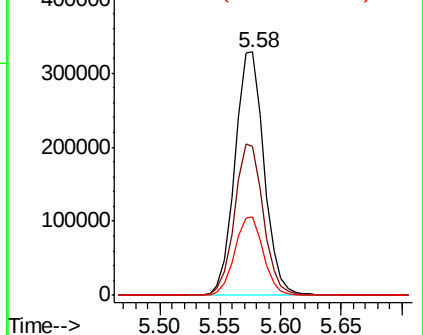
63 32.4 26.0 39.0



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: 40.246 ng

RT: 7.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

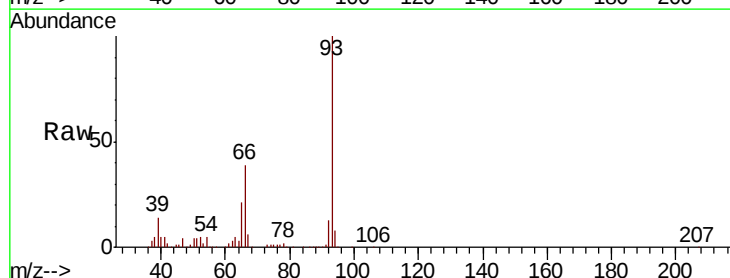
Tgt Ion: 93 Resp: 524051

Ion Ratio Lower Upper

93 100

66 39.0 31.9 47.9

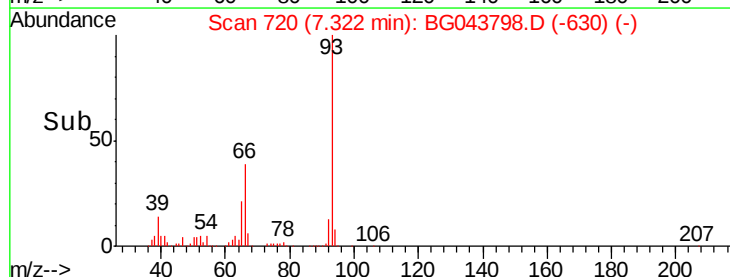
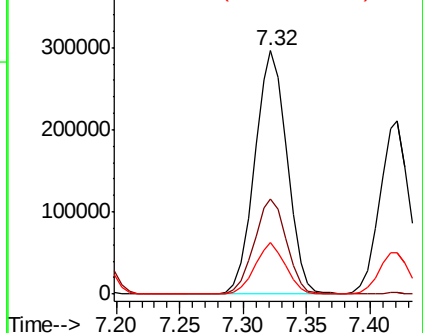
65 21.3 16.8 25.2

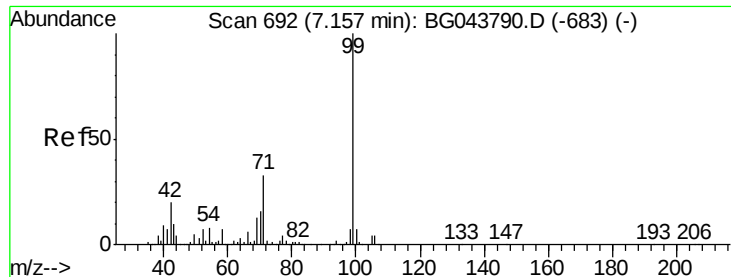


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 81.344 ng

RT: 7.16 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

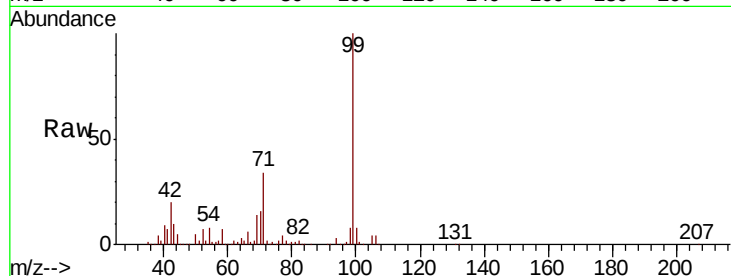
Tot Ion: 99 Resp: 800505

Ion Ratio Lower Upper

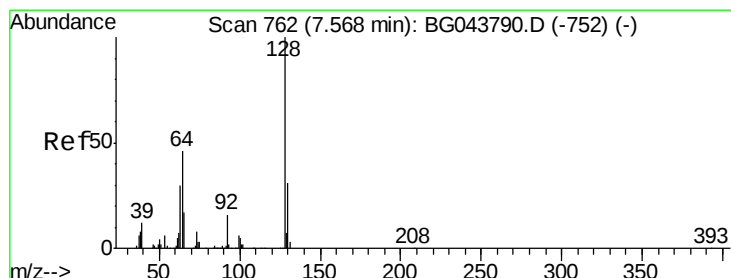
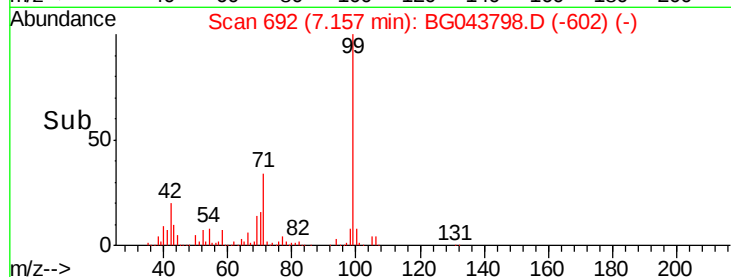
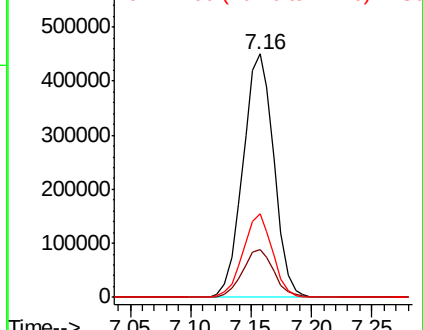
99 100

42 19.7 16.2 24.2

71 34.1 26.6 40.0



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



#8

2-Chlorophenol

Concen: 40.094 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

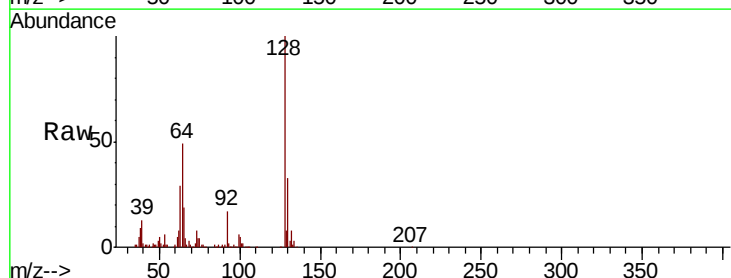
Tgt Ion: 128 Resp: 318828

Ion Ratio Lower Upper

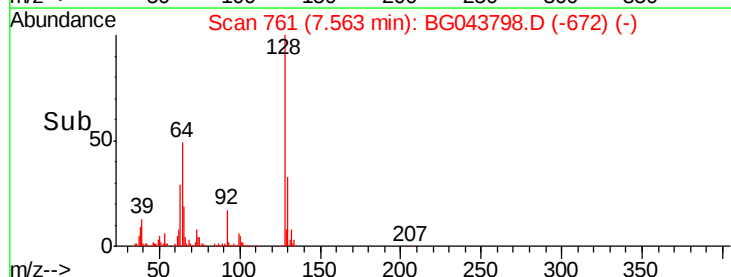
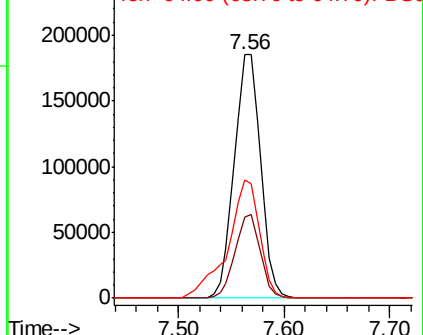
128 100

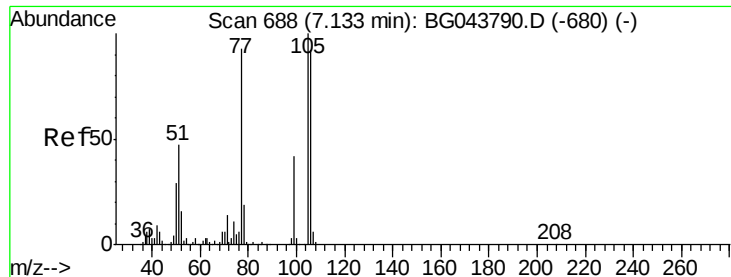
130 33.1 11.1 51.1

64 48.6 26.5 66.5



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





#9

Benzaldehyde

Concen: 43.447 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.00 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

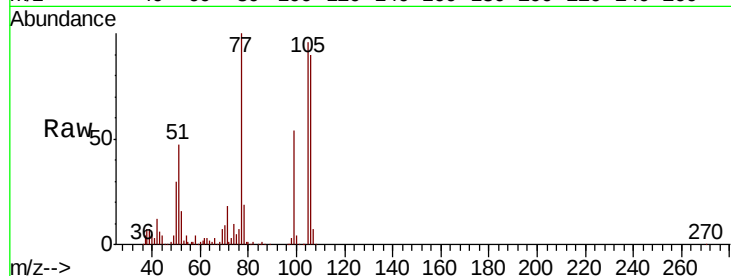
Tot Ion: 77 Resp: 229797

Ion Ratio Lower Upper

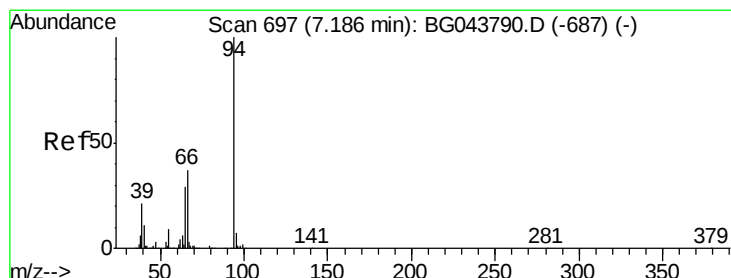
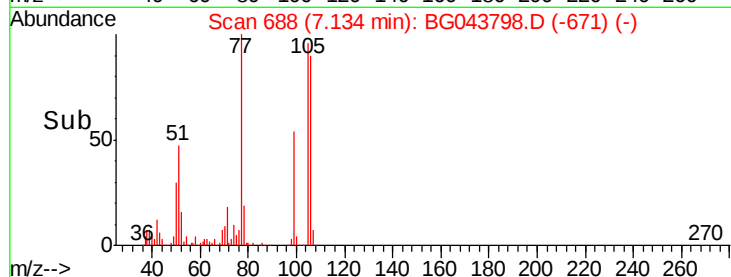
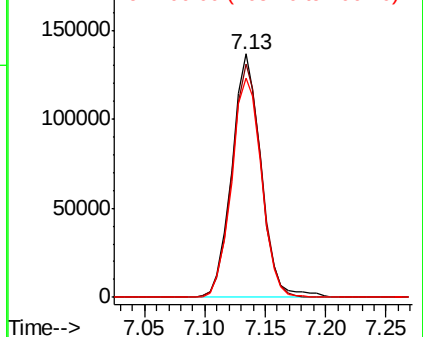
77 100

105 96.0 87.1 127.1

106 89.9 78.2 118.2



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



#10

Phenol

Concen: 39.969 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

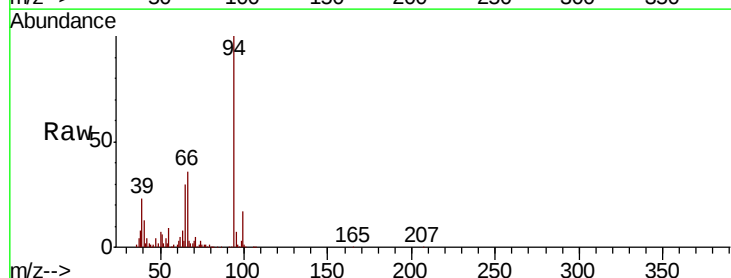
Tgt Ion: 94 Resp: 406088

Ion Ratio Lower Upper

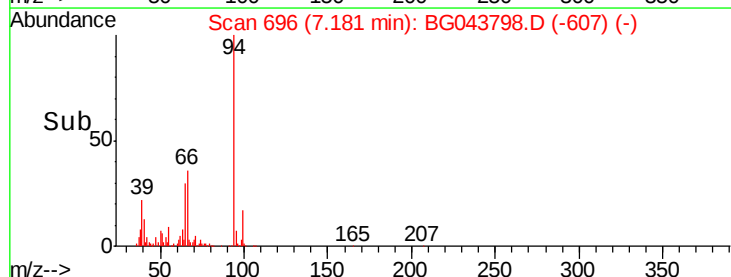
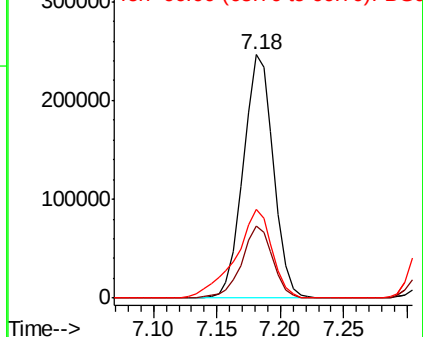
94 100

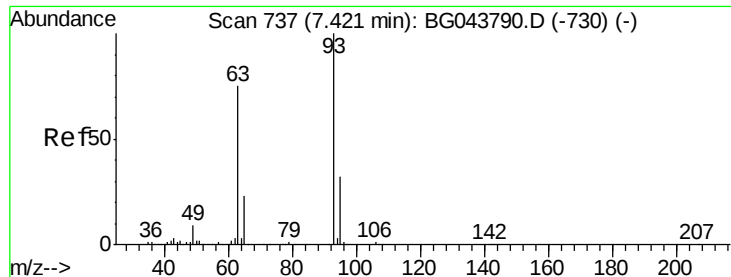
65 29.8 9.5 49.5

66 36.4 16.8 56.8



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

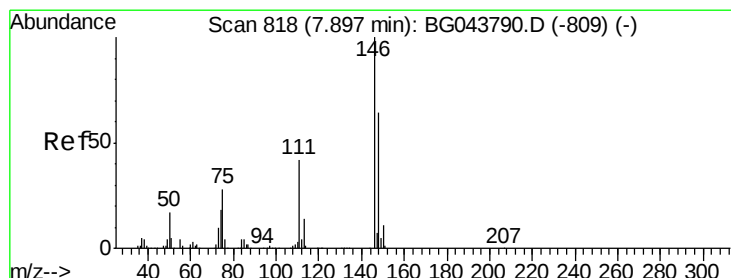
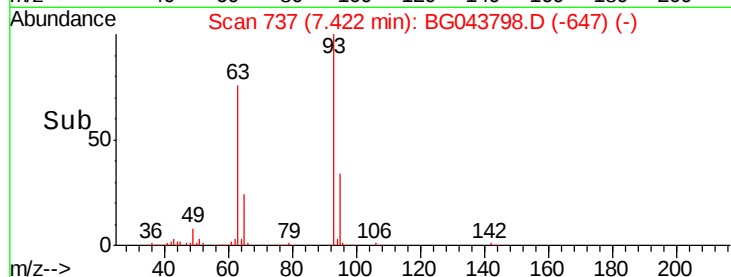
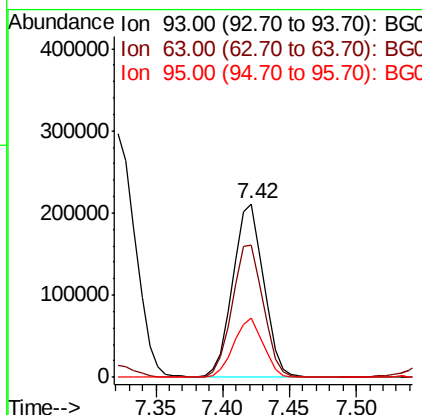
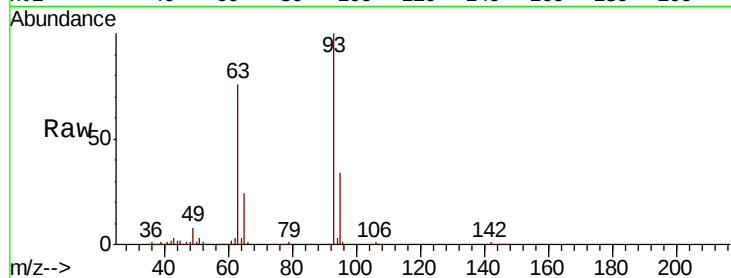




#11
bis(2-Chloroethyl)ether
Concen: 39.659 ng
RT: 7.42 min Scan# 737
Delta R.T. 0.00 min
Lab File: BG043798.D
Acq: 11 Dec 2019 16:52

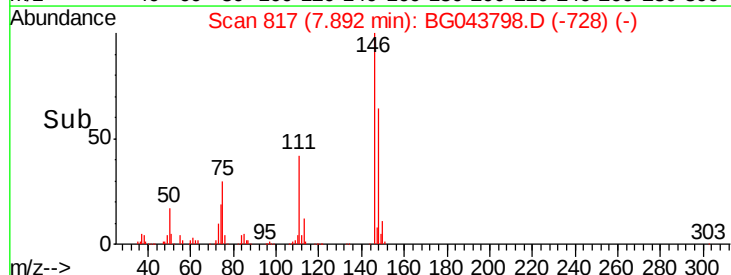
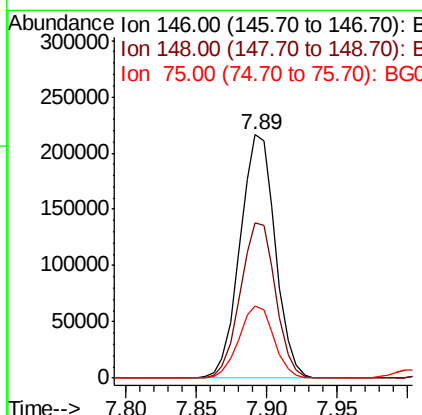
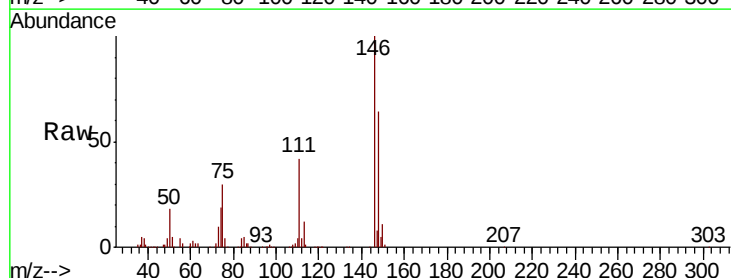
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

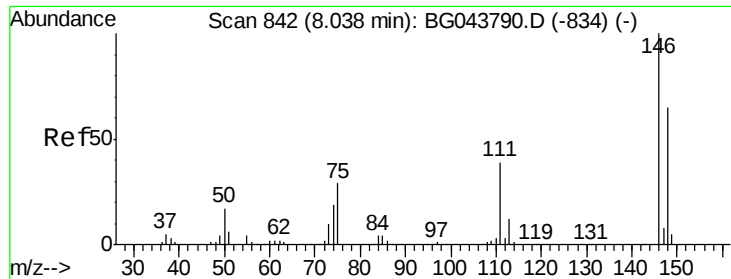
Tot Ion	93.00	Resp	341907
Ion Ratio	100	Lower	Upper
93	100		
63	76.1	54.7	94.7
95	34.2	11.3	51.3



#12
1,3-Dichlorobenzene
Concen: 39.434 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG043798.D
Acq: 11 Dec 2019 16:52

Tgt Ion	146	Resp	375790
Ion Ratio	100	Lower	Upper
146	100		
148	63.7	51.4	77.2
75	29.8	22.4	33.6

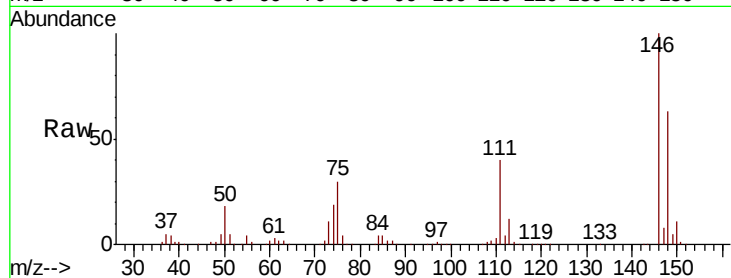




#13
 1,4-Dichlorobenzene
 Concen: 39.252 ng
 RT: 8.04 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BG043798.D
 Acq: 11 Dec 2019 16:52

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.8	77.8
111	39.7	31.4	47.2

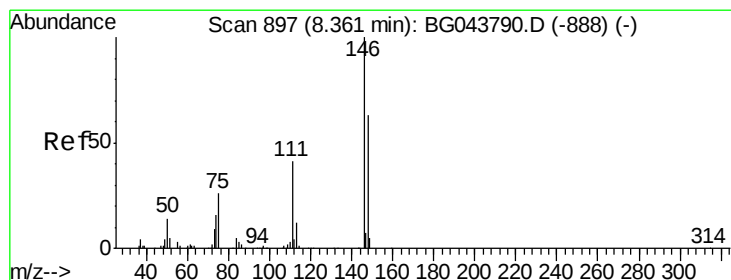
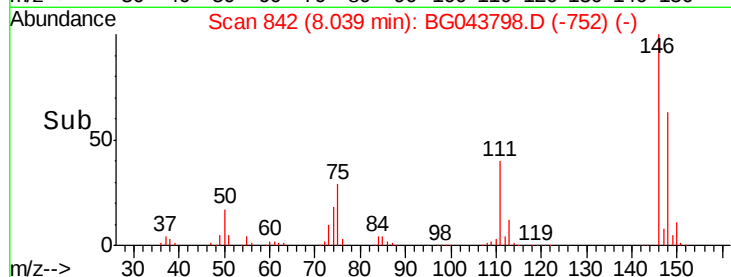
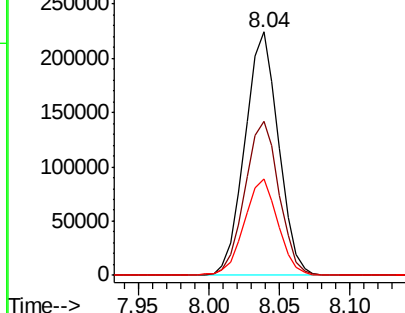


Abundance

Ion 146.00 (145.70 to 146.70): E

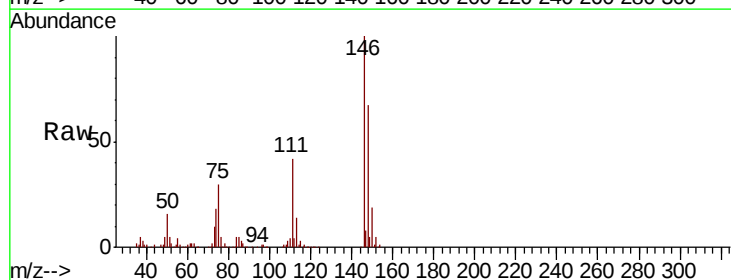
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.144 ng
 RT: 8.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG043798.D
 Acq: 11 Dec 2019 16:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.8	50.2	75.2
111	41.6	33.4	50.2

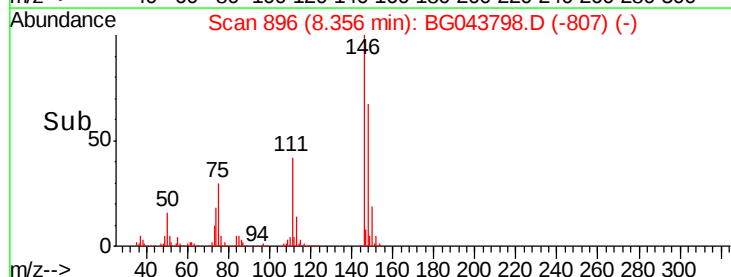
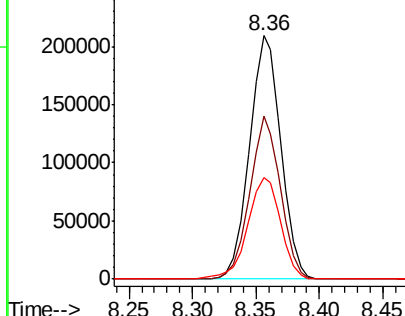


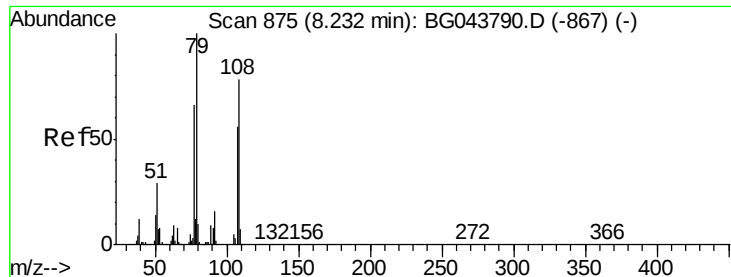
Abundance

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: 40.523 ng

RT: 8.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

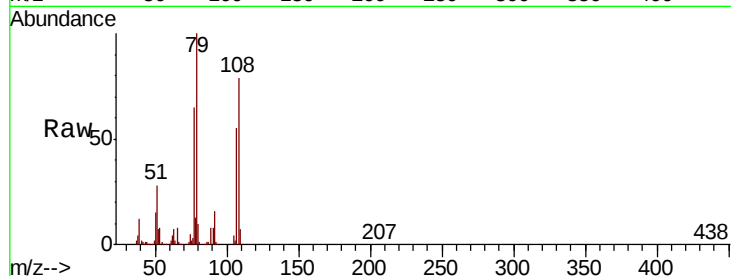
Tot Ion: 79 Resp: 317358

Ion Ratio Lower Upper

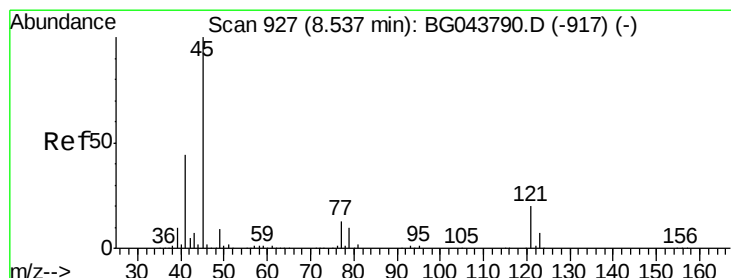
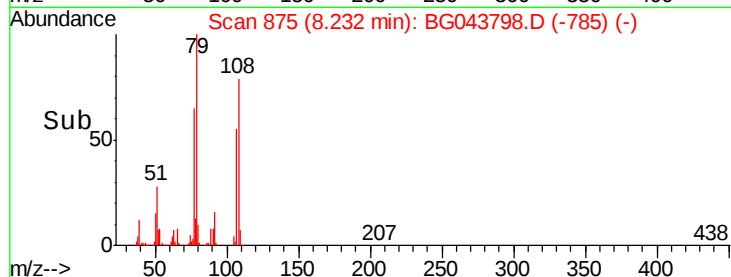
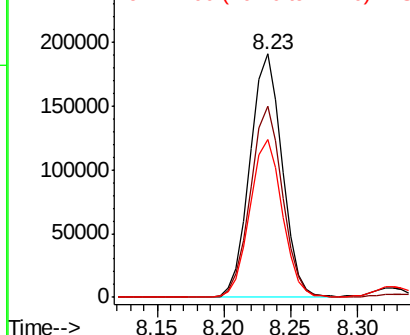
79 100

108 78.6 62.2 93.2

77 64.8 52.8 79.2



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: 39.249 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

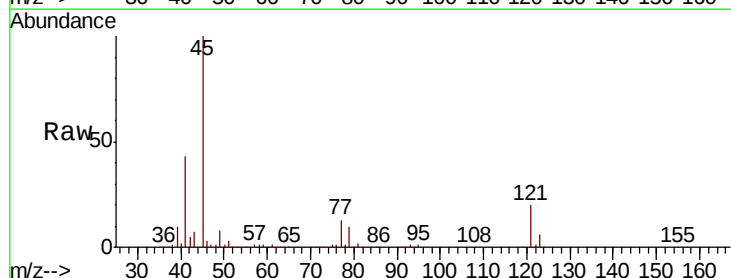
Tgt Ion: 45 Resp: 542302

Ion Ratio Lower Upper

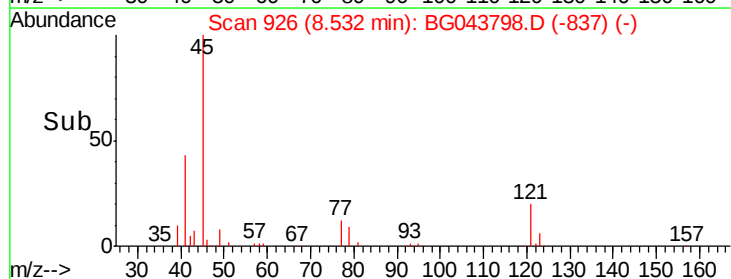
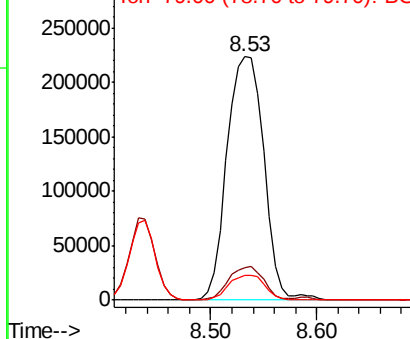
45 100

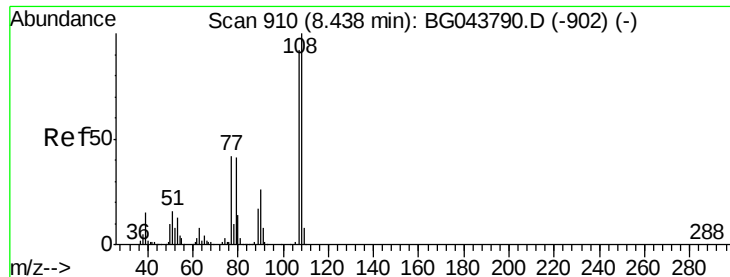
77 13.1 0.0 33.6

79 10.3 0.0 29.9



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: 39.954 ng

RT: 8.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 289771

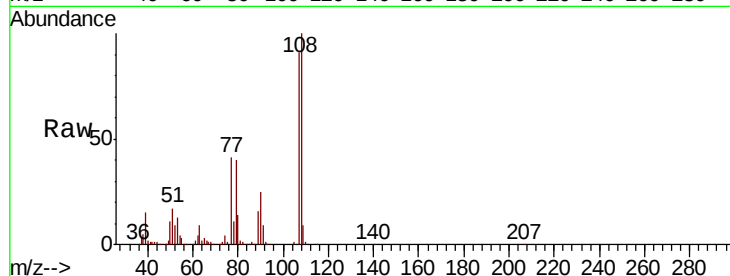
Ion Ratio Lower Upper

107 100

108 109.7 87.2 130.8

77 44.7 36.6 54.8

79 43.7 35.5 53.3

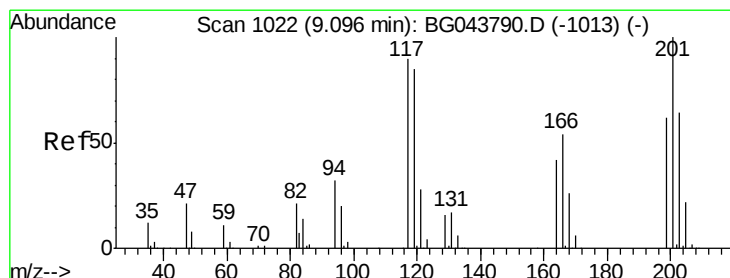
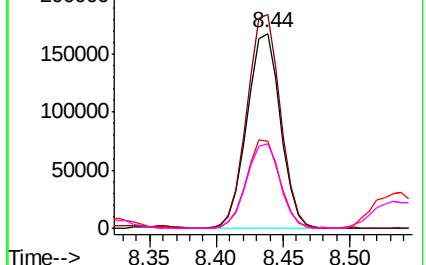
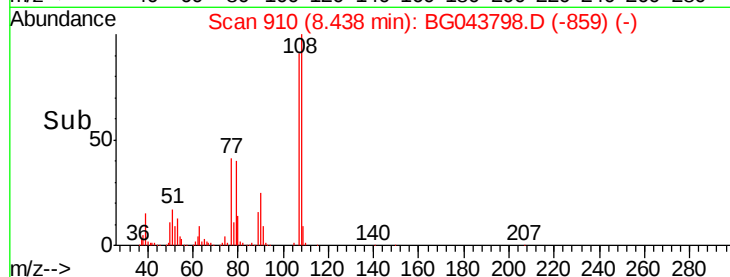


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.643 ng

RT: 9.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

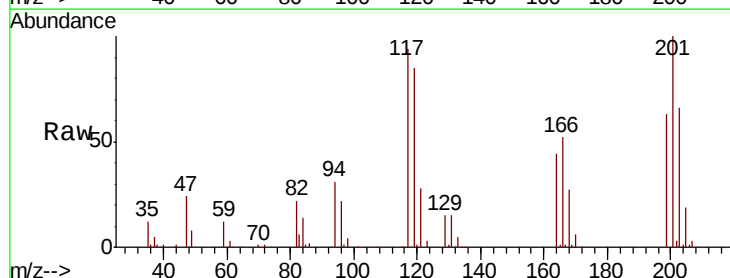
Tgt Ion:117 Resp: 140678

Ion Ratio Lower Upper

117 100

119 89.7 75.6 113.4

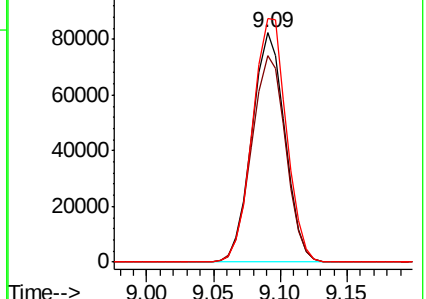
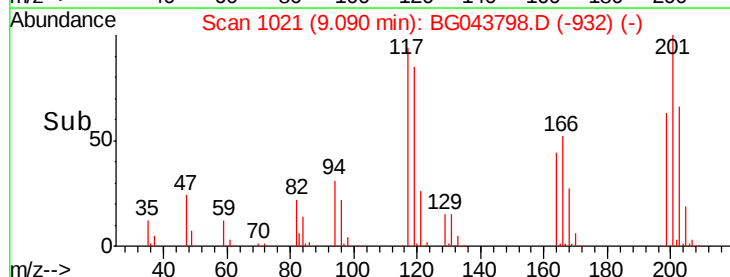
201 106.1 88.6 133.0

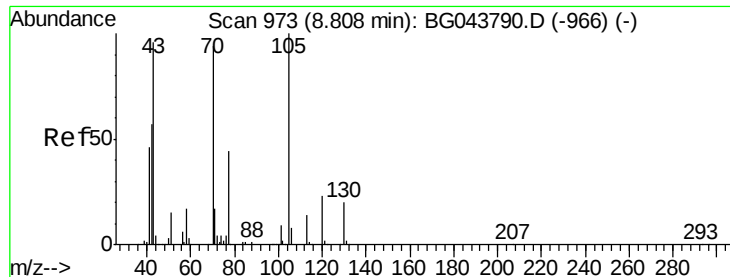


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

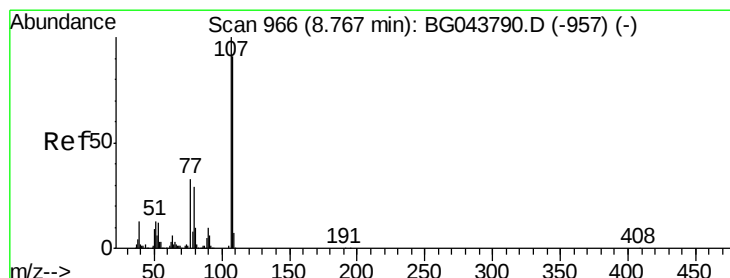
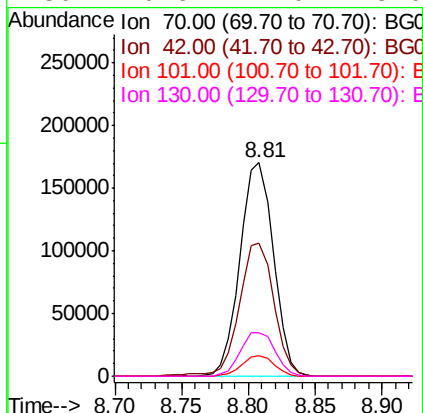
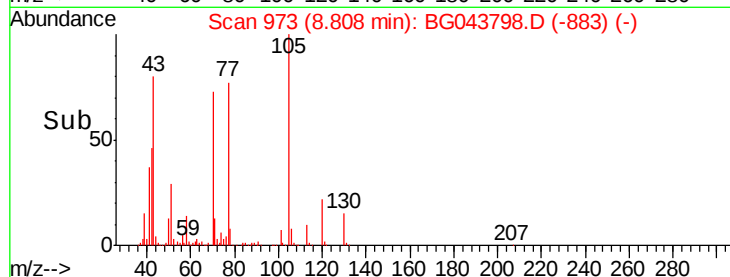
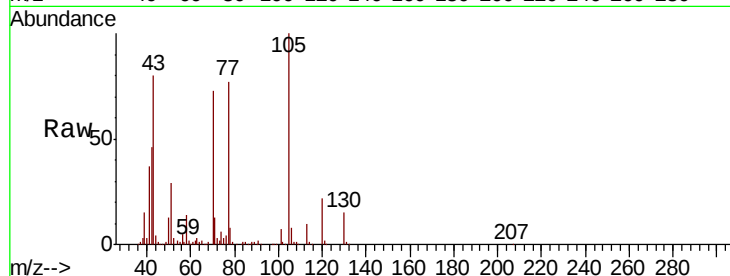




#19
n-Nitroso-di-n-propylamine
Concen: 39.390 ng
RT: 8.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BG043798.D
Acq: 11 Dec 2019 16:52

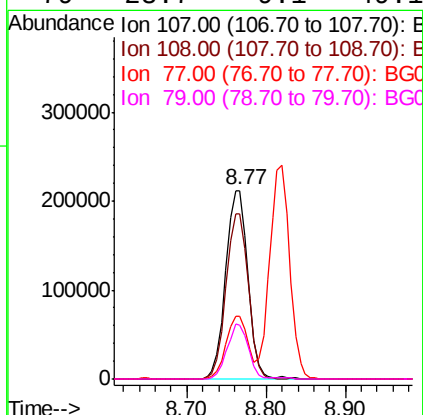
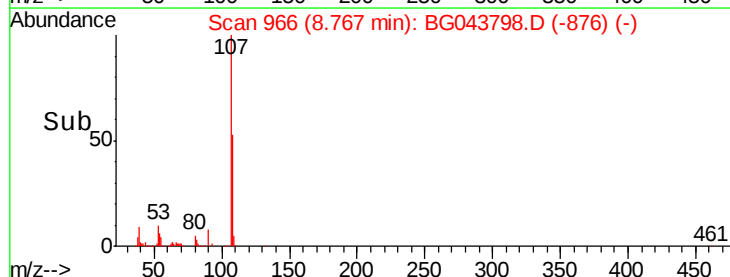
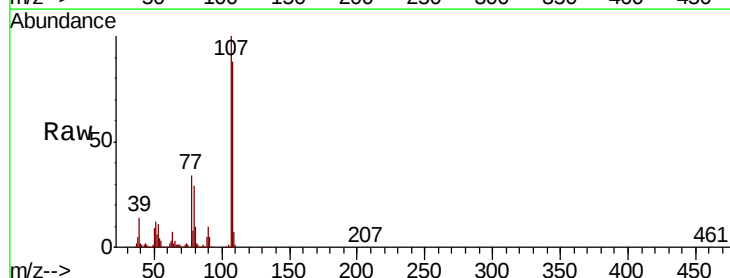
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

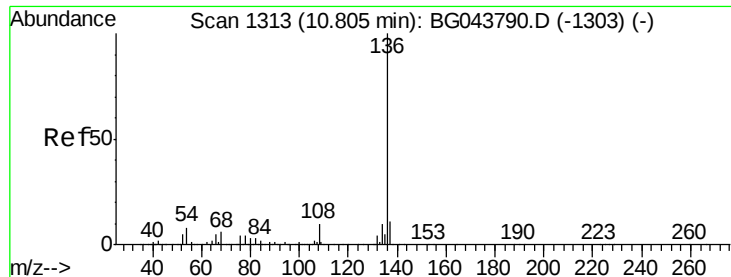
Tot Ion:	70	Resp:	296350
Ion	Ratio	Lower	Upper
70	100		
42	62.5	49.2	73.8
101	9.9	7.8	11.6
130	20.6	17.0	25.6



#20
3+4-Methylphenols
Concen: 40.584 ng
RT: 8.77 min Scan# 966
Delta R.T. 0.00 min
Lab File: BG043798.D
Acq: 11 Dec 2019 16:52

Tgt Ion:	107	Resp:	409847
Ion	Ratio	Lower	Upper
107	100		
108	87.8	70.9	110.9
77	33.6	12.7	52.7
79	28.7	9.1	49.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 564926

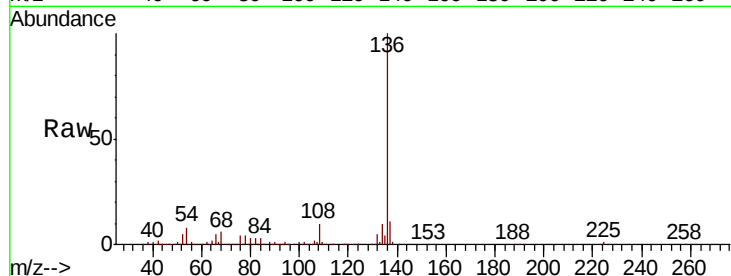
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 8.1 6.8 10.2

68 6.4 5.0 7.4

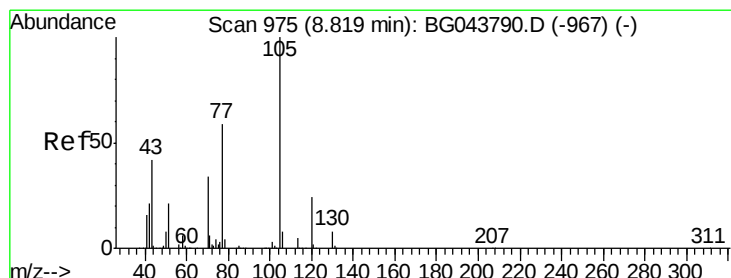
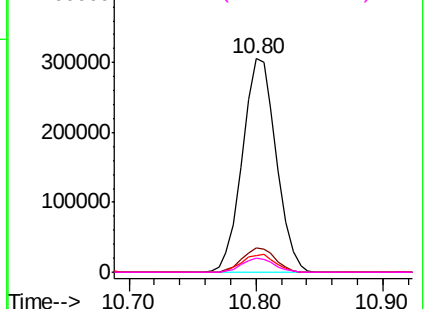
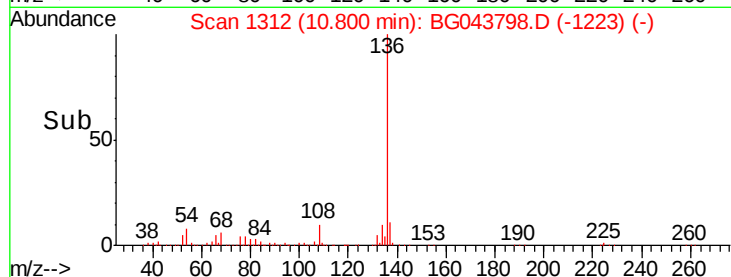


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.816 ng

RT: 8.82 min Scan# 975

Delta R.T. 0.00 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

Tgt Ion:105 Resp: 546871

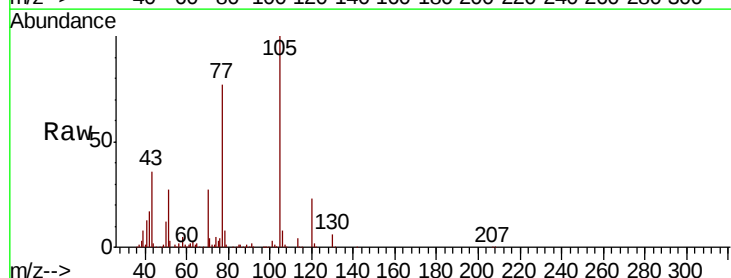
Ion Ratio Lower Upper

105 100

71 4.3 4.9 7.3#

51 27.3 22.2 33.4

120 23.0 19.0 28.6

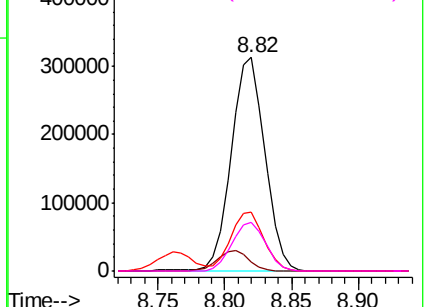
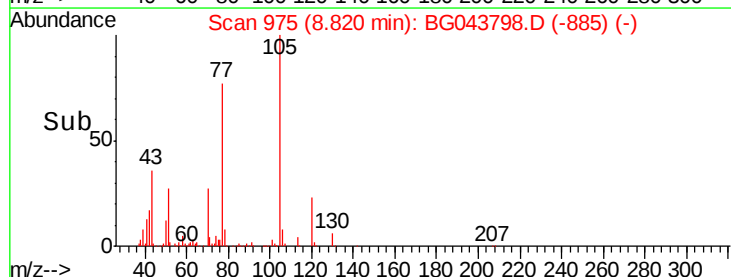


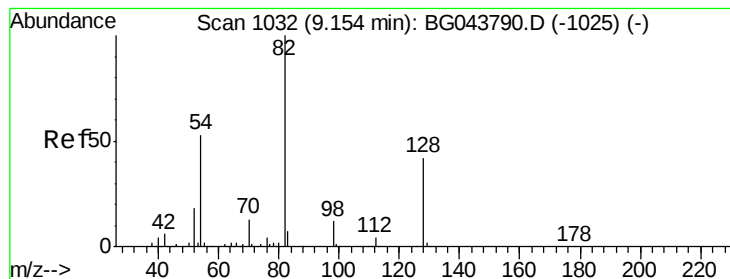
Abundance Ion 105.00 (104.70 to 105.70): E

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: 80.005 ng

RT: 9.15 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

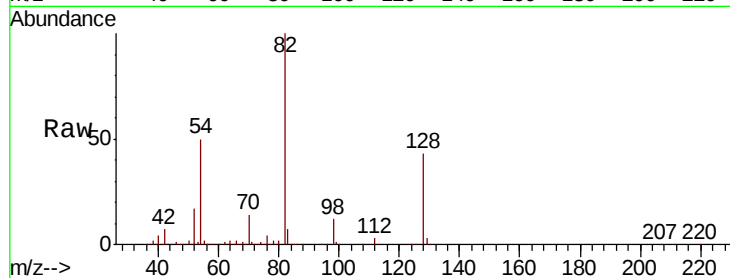
Tot Ion: 82 Resp: 804971

Ion Ratio Lower Upper

82 100

128 43.1 33.6 50.4

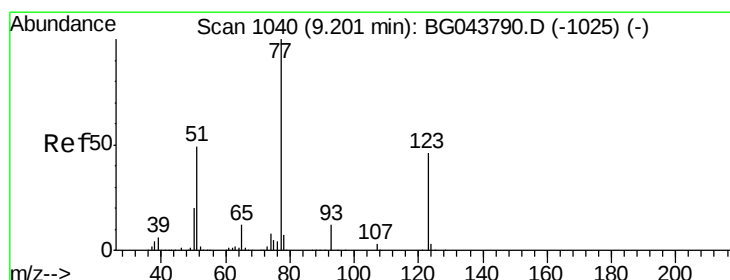
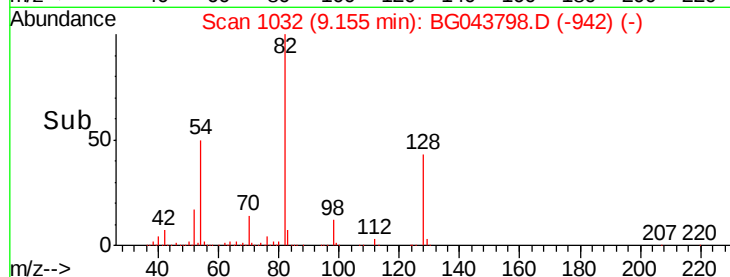
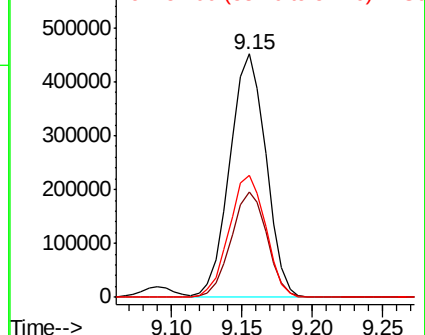
54 50.2 42.1 63.1



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 38.956 ng

RT: 9.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

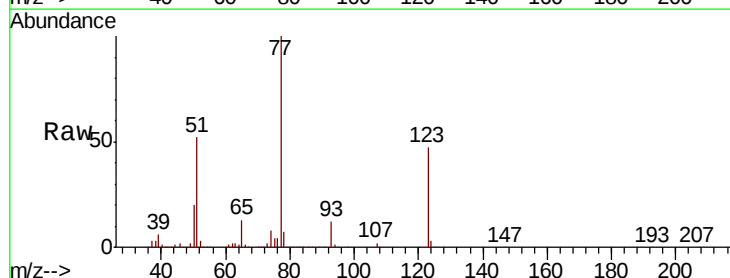
Tgt Ion: 77 Resp: 399243

Ion Ratio Lower Upper

77 100

123 46.8 36.6 55.0

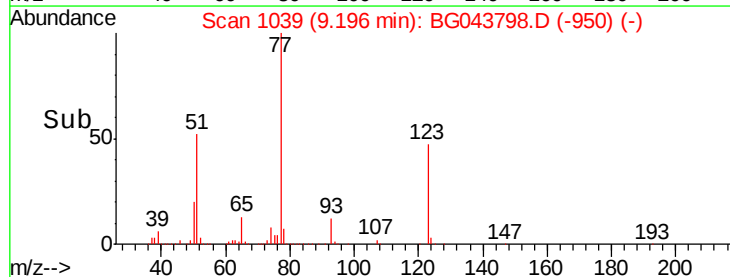
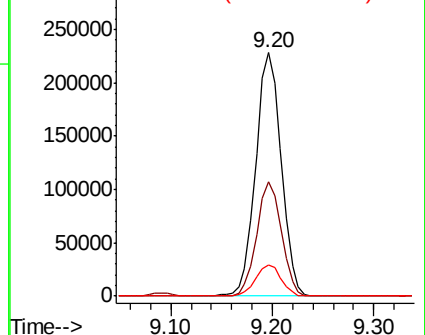
65 13.0 9.8 14.6

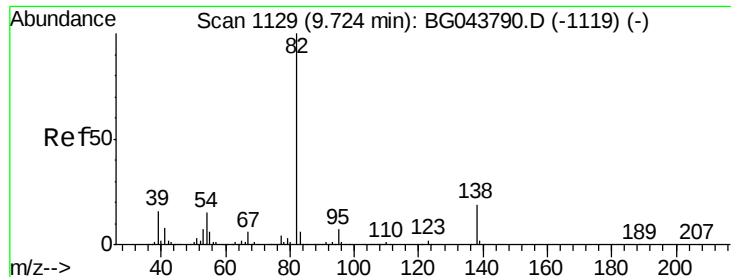


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 39.454 ng

RT: 9.72 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

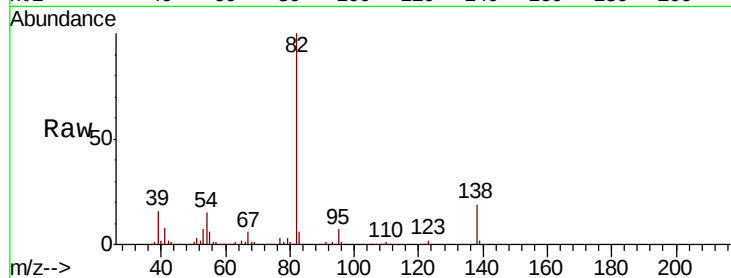
Tot Ion: 82 Resp: 792804

Ion Ratio Lower Upper

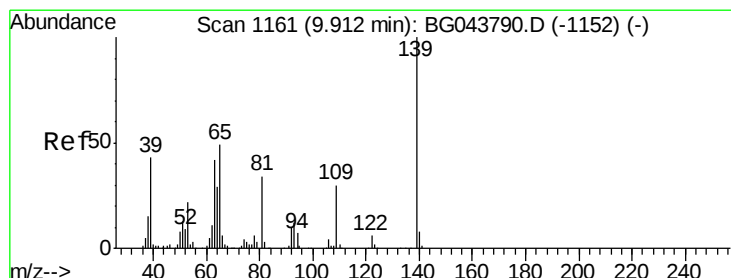
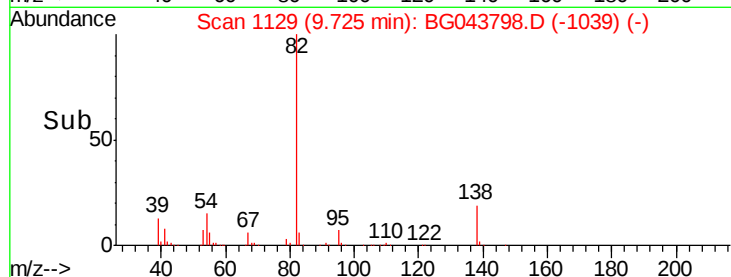
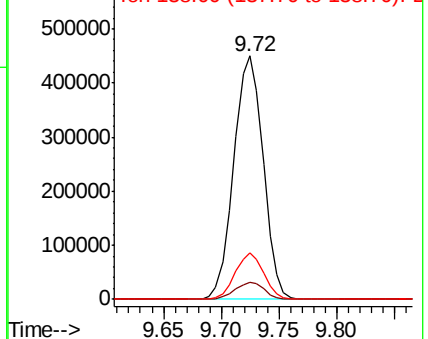
82 100

95 7.0 5.6 8.4

138 19.3 14.8 22.2



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



#26

2-Nitrophenol

Concen: 40.394 ng

RT: 9.91 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

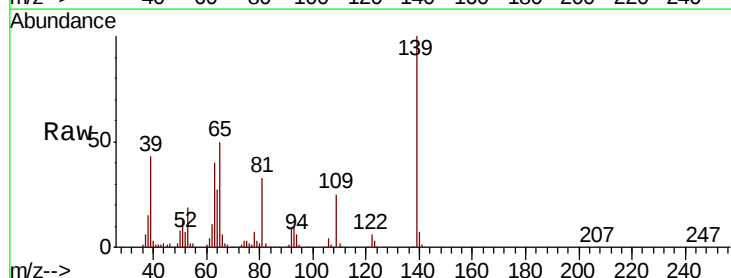
Tgt Ion: 139 Resp: 155448

Ion Ratio Lower Upper

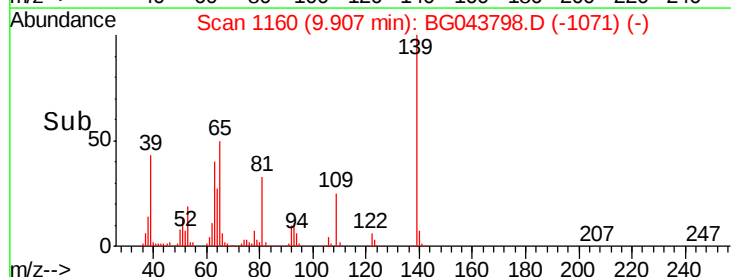
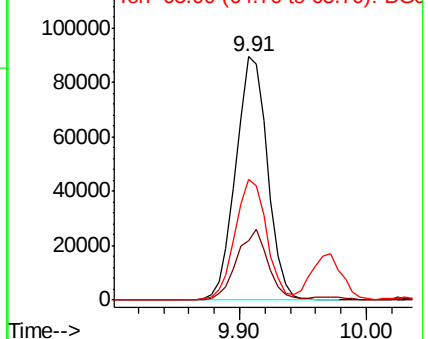
139 100

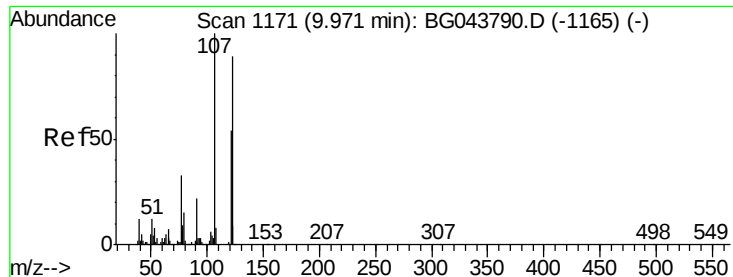
109 24.6 23.9 35.9

65 49.7 39.3 58.9



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





#27

2,4-Dimethylphenol

Concen: 39.653 ng

RT: 9.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

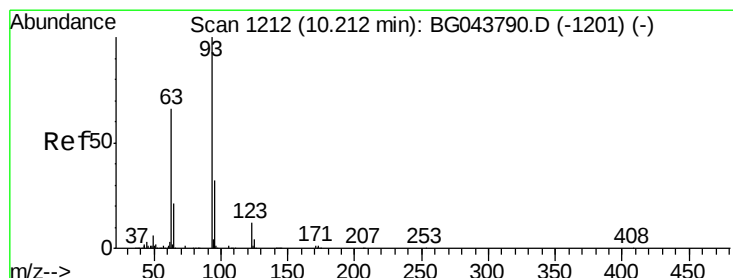
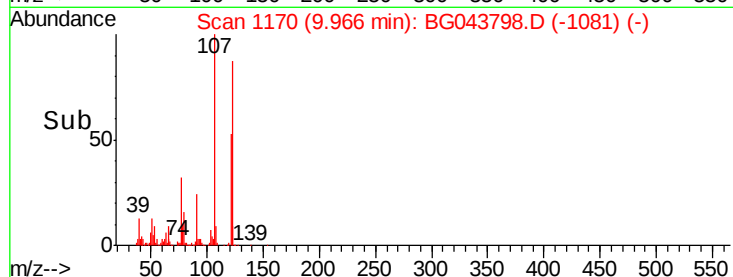
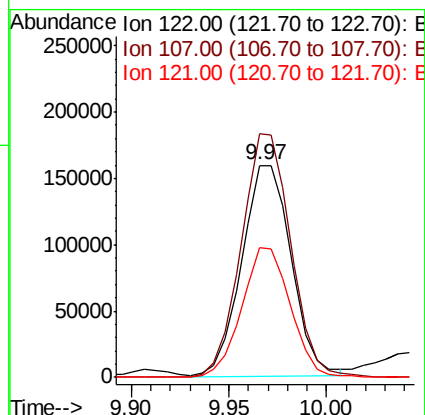
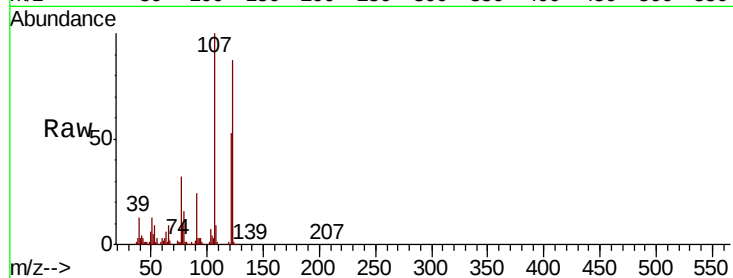
Tot Ion:122 Resp: 281565

Ion Ratio Lower Upper

122 100

107 114.7 90.0 135.0

121 60.8 48.6 73.0



#28

bis(2-Chloroethoxy)methane

Concen: 39.230 ng

RT: 10.21 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

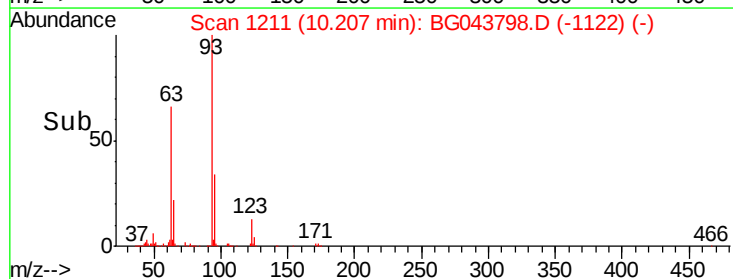
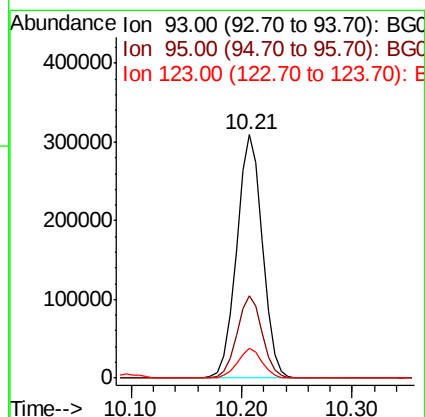
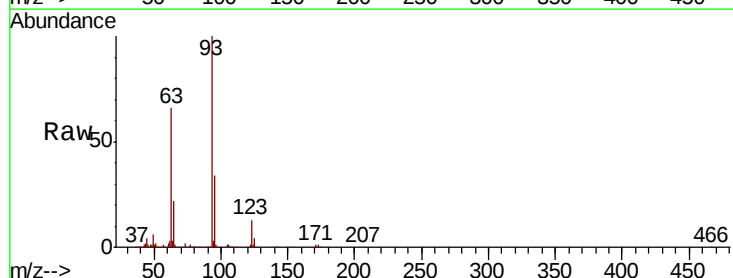
Tgt Ion: 93 Resp: 504592

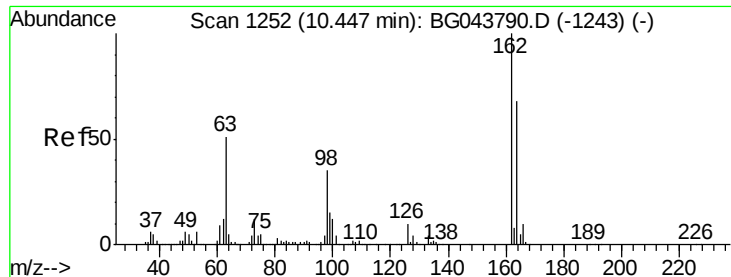
Ion Ratio Lower Upper

93 100

95 33.9 25.7 38.5

123 12.5 9.5 14.3

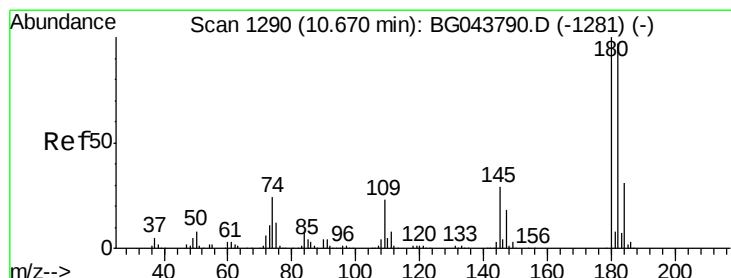
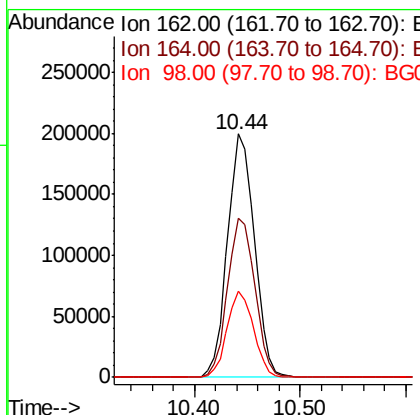
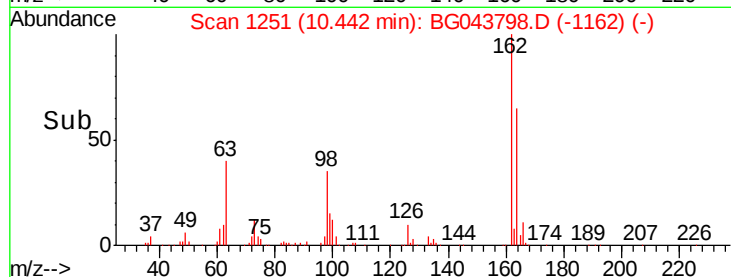
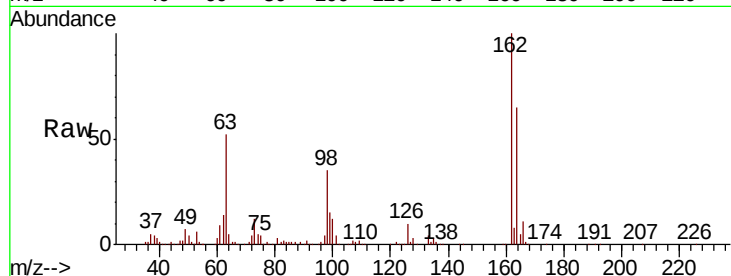




#29
 2,4-Dichlorophenol
 Concen: 40.342 ng
 RT: 10.44 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BG043798.D
 Acq: 11 Dec 2019 16:52

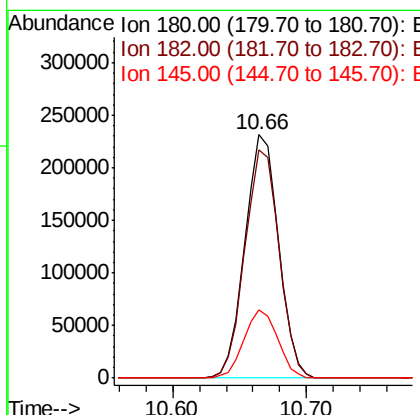
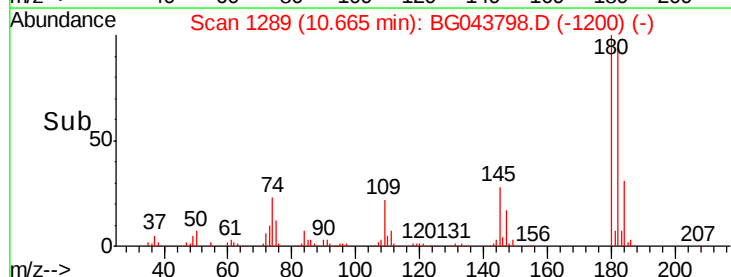
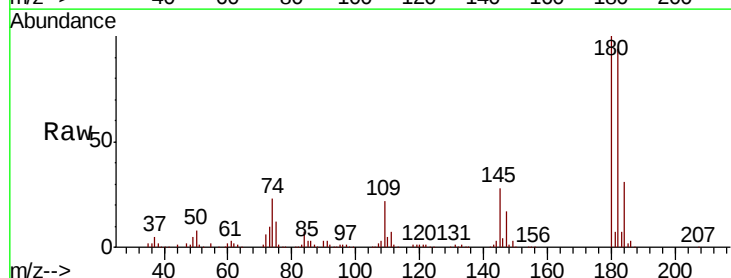
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

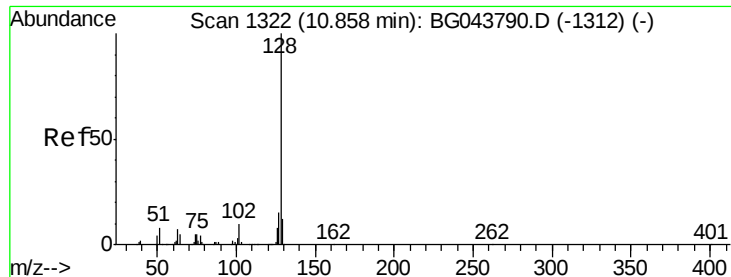
Tot Ion	Ion	Ratio	Lower	Upper
162	100			
164	65.3	48.0	88.0	
98	35.4	14.9	54.9	



#30
 1,2,4-Trichlorobenzene
 Concen: 38.920 ng
 RT: 10.66 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: BG043798.D
 Acq: 11 Dec 2019 16:52

Tgt Ion	Ion	Ratio	Lower	Upper
180	100			
182	93.6	77.8	116.8	
145	28.1	23.0	34.6	

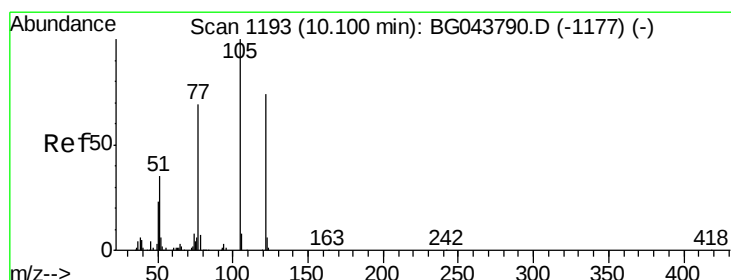
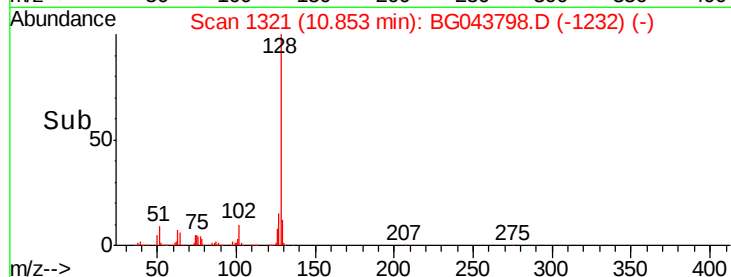
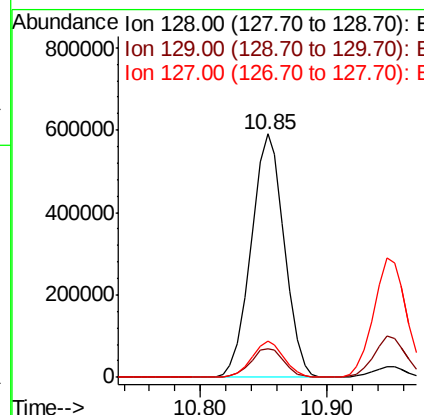
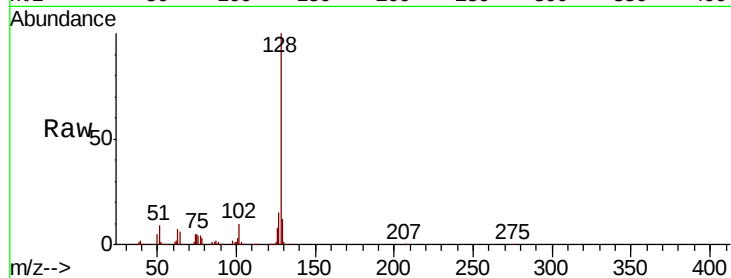




#31
Naphthalene
Concen: 39.492 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG043798.D
Acq: 11 Dec 2019 16:52

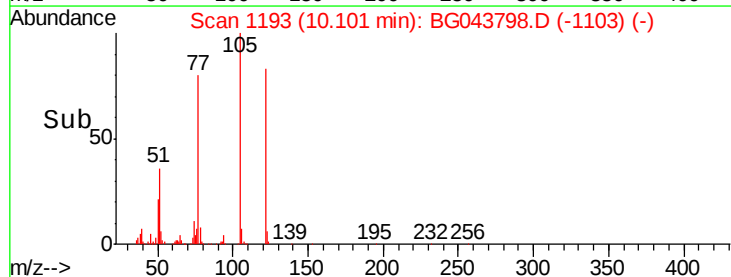
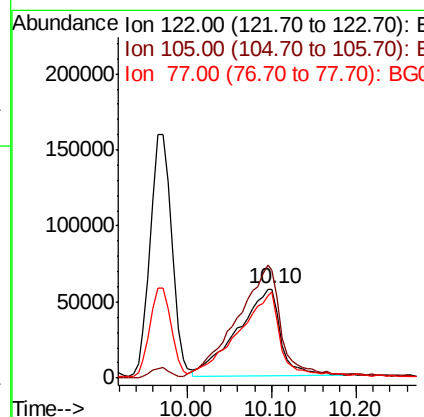
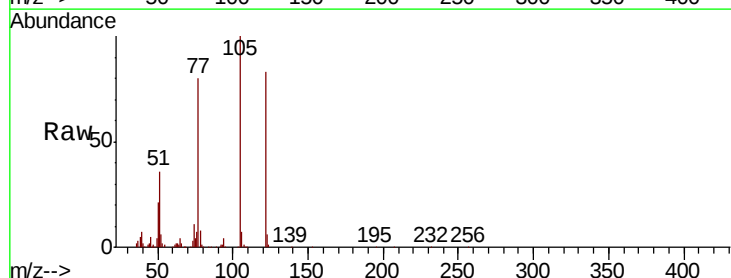
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

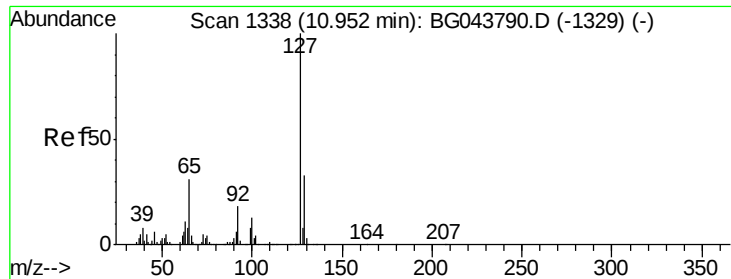
Tot Ion:128 Resp: 1070516
Ion Ratio Lower Upper
128 100
129 11.8 9.8 14.6
127 15.2 11.9 17.9



#32
Benzoic acid
Concen: 42.898 ng
RT: 10.10 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BG043798.D
Acq: 11 Dec 2019 16:52

Tgt Ion:122 Resp: 205253
Ion Ratio Lower Upper
122 100
105 120.9 107.5 147.5
77 96.5 71.7 111.7

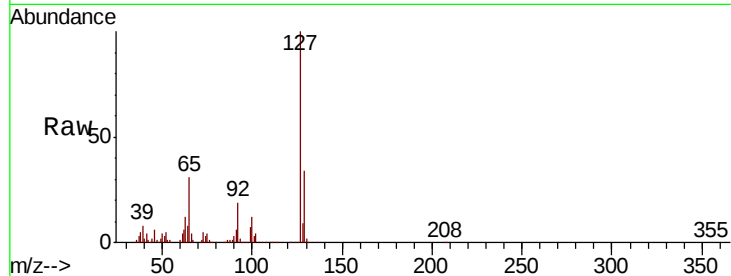




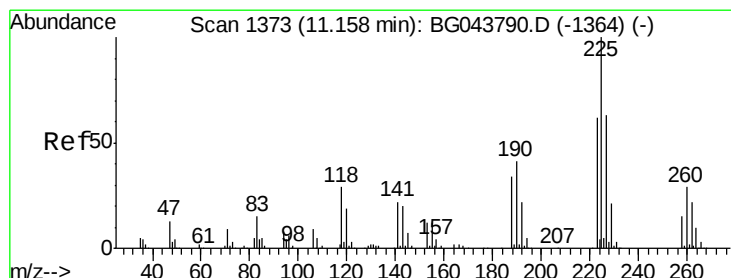
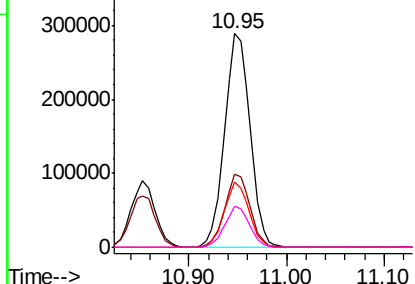
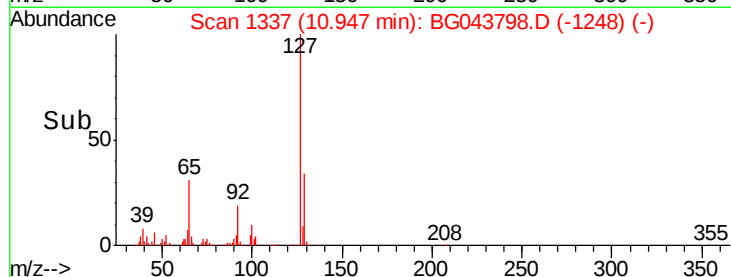
#33
4-Chloroaniline
Concen: 39.601 ng
RT: 10.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BG043798.D
Acq: 11 Dec 2019 16:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	520467
Ion	Ratio	Lower	Upper
127	100		
129	34.2	26.1	39.1
65	30.8	24.4	36.6
92	18.9	14.6	22.0

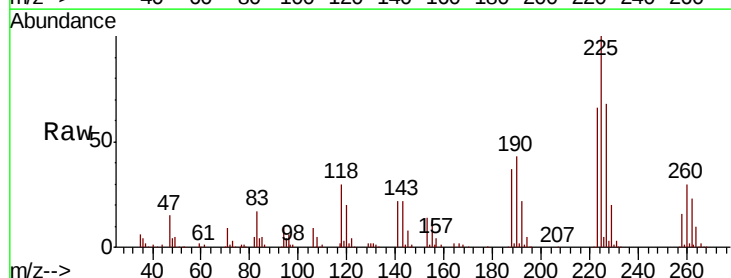


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

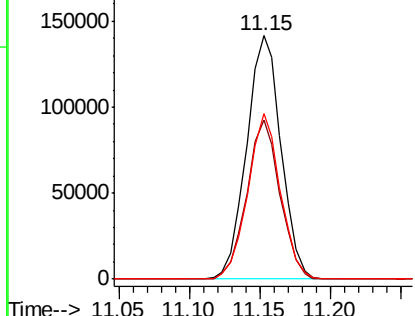
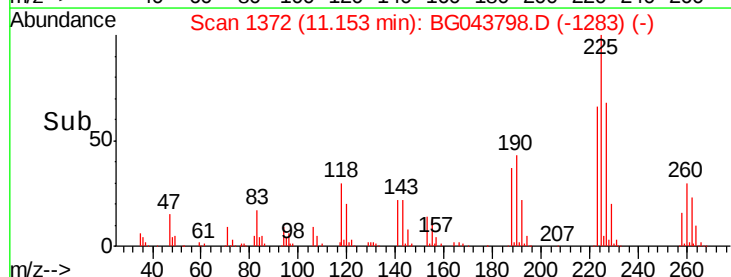


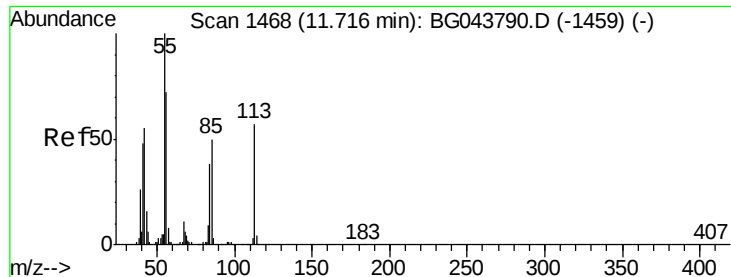
#34
Hexachlorobutadiene
Concen: 38.646 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BG043798.D
Acq: 11 Dec 2019 16:52

Tgt Ion:	225	Resp:	241710
Ion	Ratio	Lower	Upper
225	100		
223	65.5	49.3	73.9
227	68.1	50.2	75.2



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





#35

Caprolactam

Concen: 41.090 ng

RT: 11.71 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

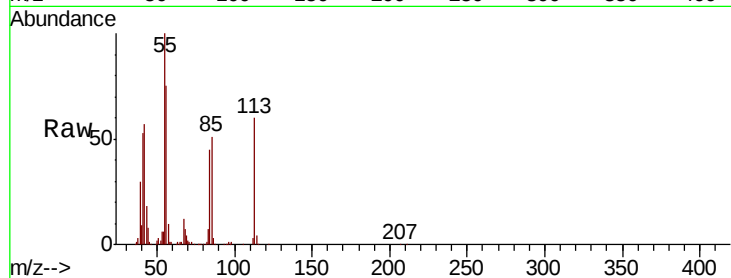
Tot Ion:113 Resp: 140615

Ion Ratio Lower Upper

113 100

55 166.0 154.2 194.2

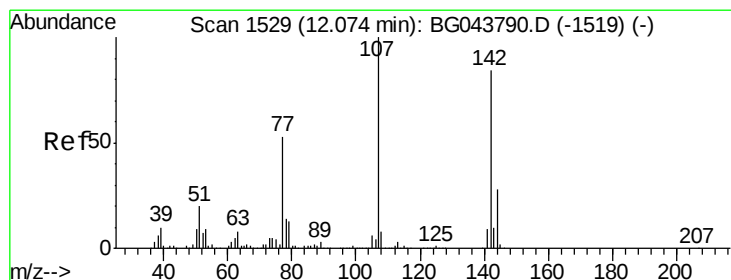
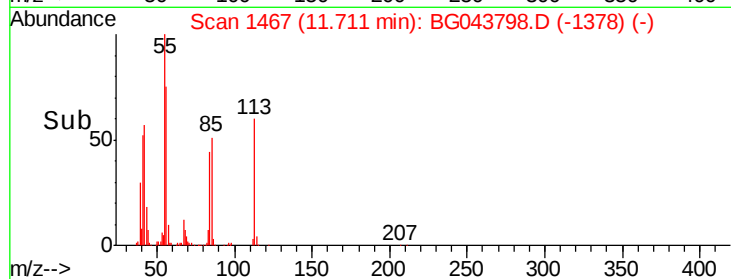
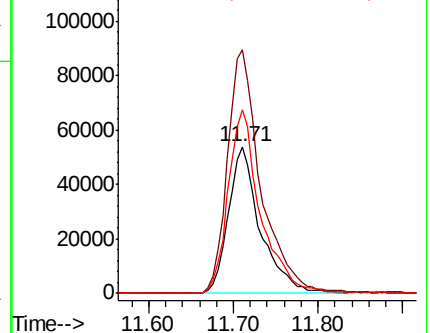
56 125.1 105.6 145.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 40.520 ng

RT: 12.07 min Scan# 1528

Delta R.T. -0.01 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

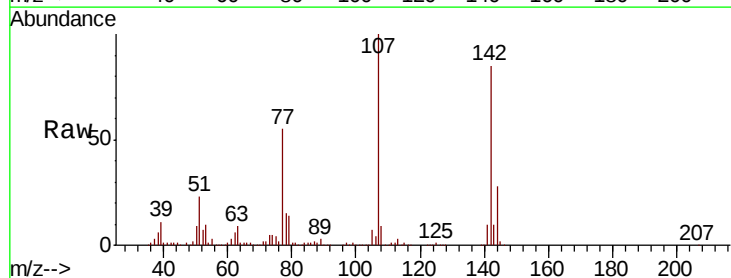
Tgt Ion:107 Resp: 380384

Ion Ratio Lower Upper

107 100

144 28.2 22.2 33.4

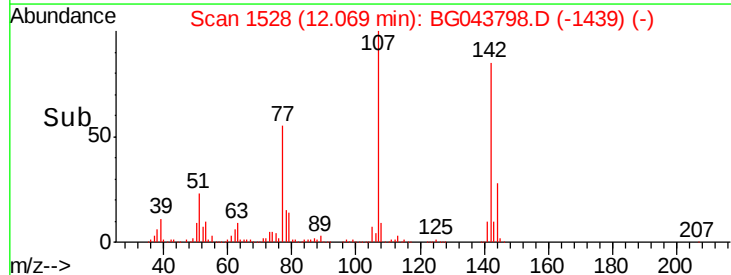
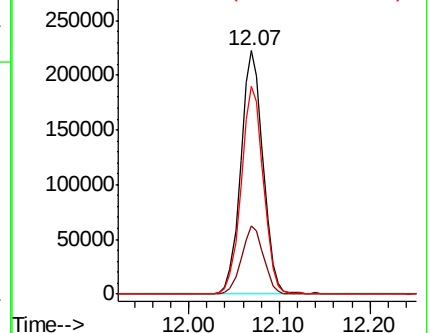
142 85.3 67.0 100.6

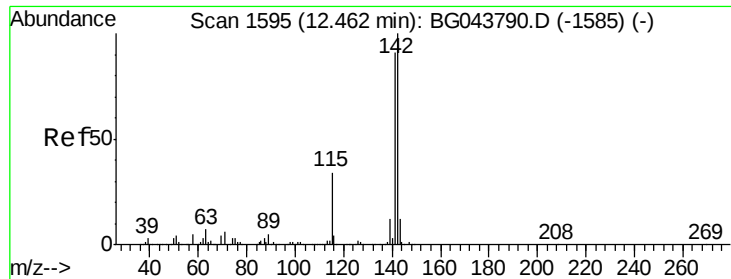


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

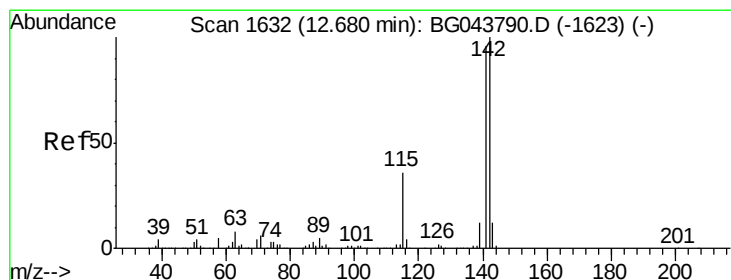
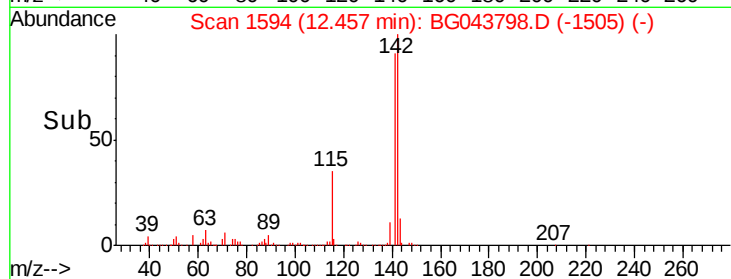
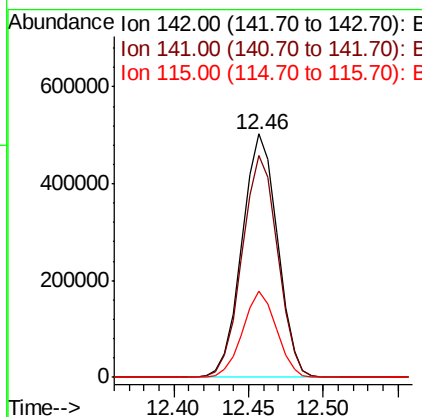
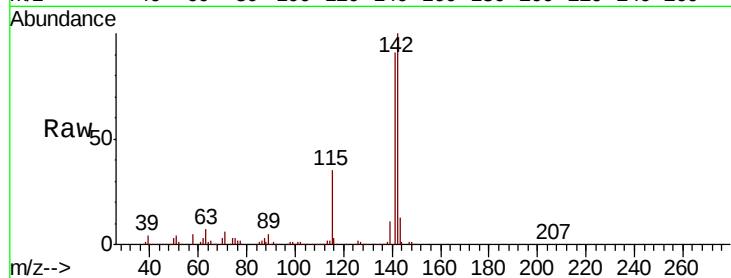




#37
2-Methylnaphthalene
Concen: 39.376 ng
RT: 12.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BG043798.D
Acq: 11 Dec 2019 16:52

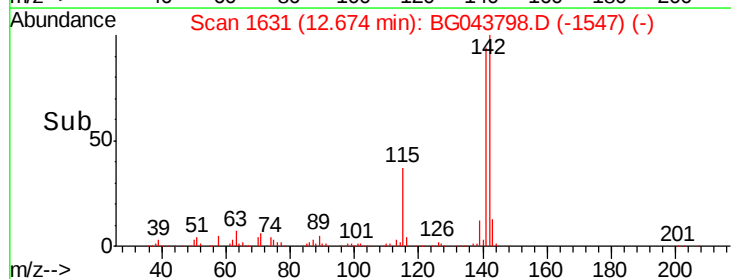
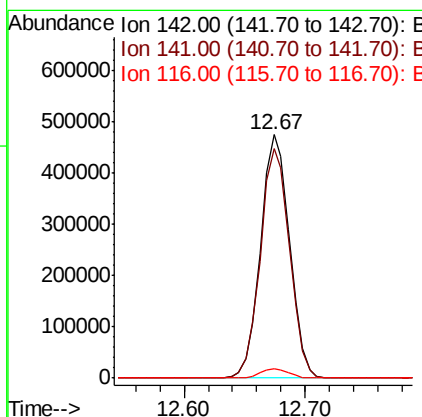
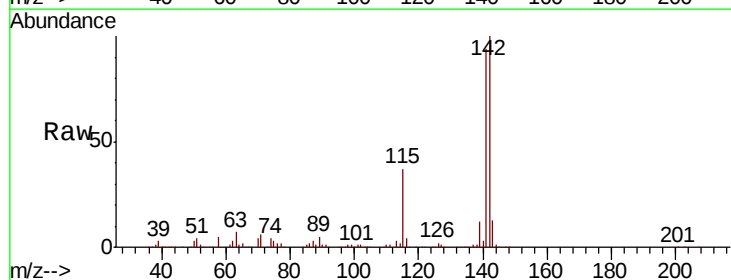
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

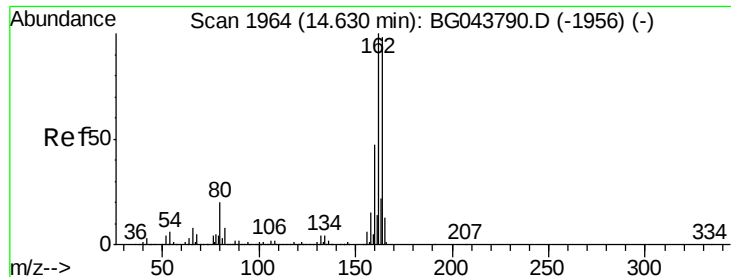
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.2	109.8
115	35.3	27.3	40.9



#38
1-Methylnaphthalene
Concen: 39.177 ng
RT: 12.67 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BG043798.D
Acq: 11 Dec 2019 16:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.1	76.9	115.3
116	4.1	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

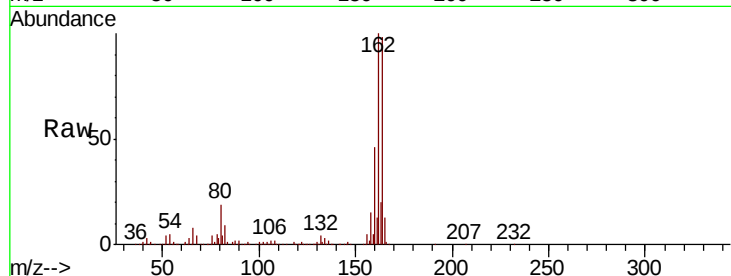
Tot Ion:164 Resp: 399166

Ion Ratio Lower Upper

164 100

162 102.2 81.9 122.9

160 46.6 38.3 57.5

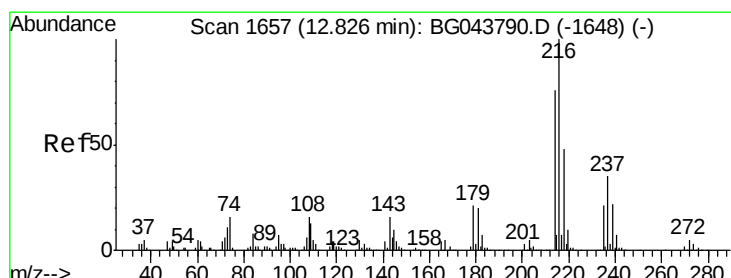
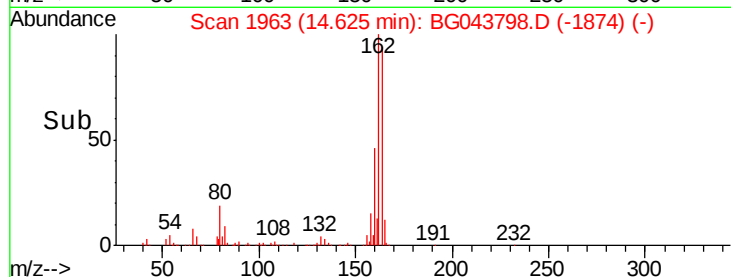
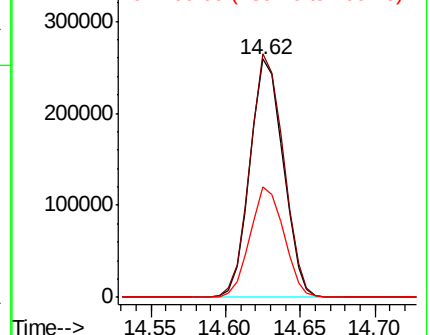


Abundance

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: 37.636 ng

RT: 12.83 min Scan# 1657

Delta R.T. 0.00 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

Tgt Ion:216 Resp: 451427

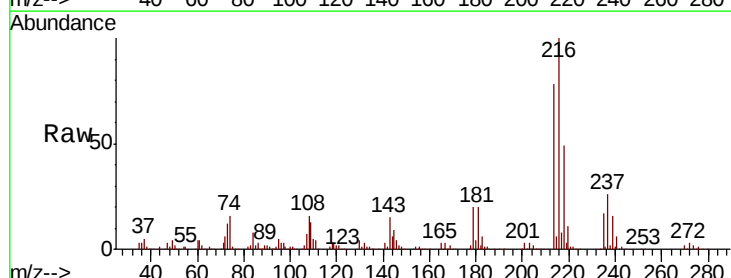
Ion Ratio Lower Upper

216 100

214 78.1 62.2 93.4

179 20.8 16.6 25.0

108 17.2 13.7 20.5



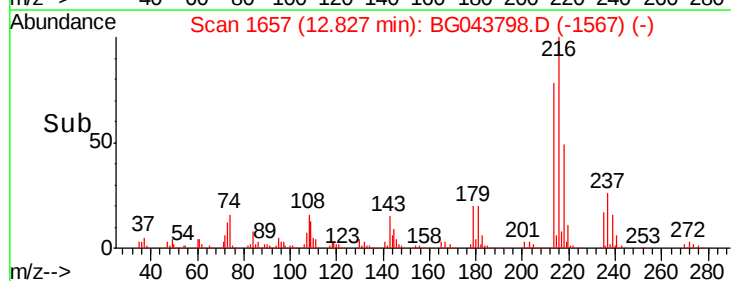
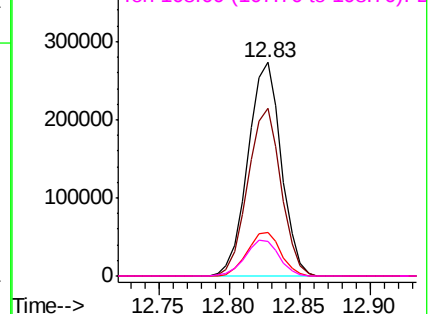
Abundance

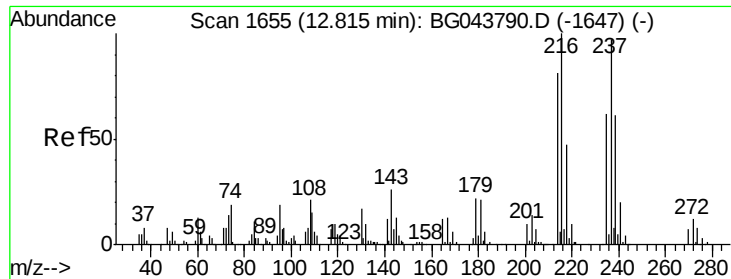
Ion 216.00 (215.70 to 216.70): E

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: 37.343 ng

RT: 12.82 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

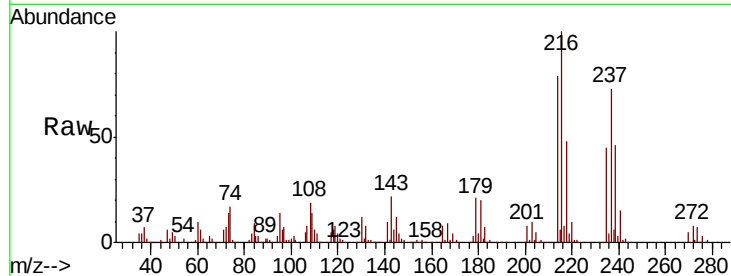
Tot Ion:237 Resp: 210238

Ion Ratio Lower Upper

237 100

235 62.5 43.9 83.9

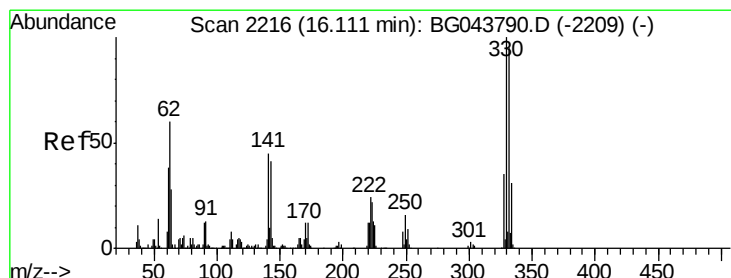
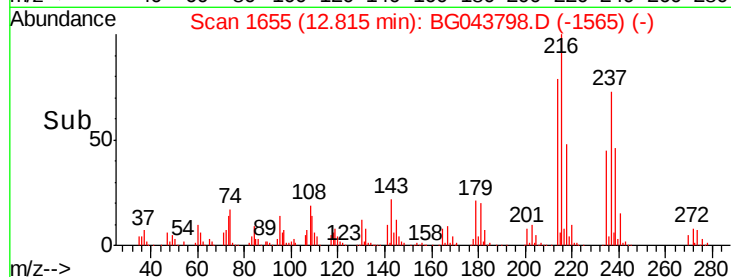
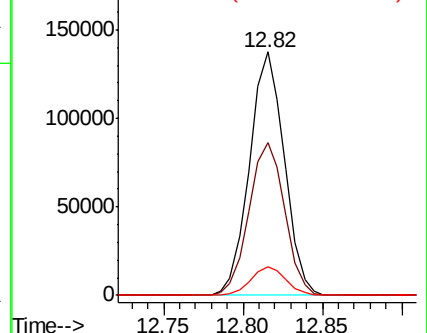
272 11.7 0.0 32.0



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: 81.866 ng

RT: 16.11 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

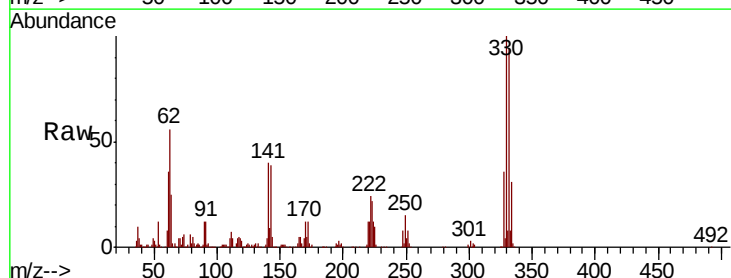
Tgt Ion:330 Resp: 311536

Ion Ratio Lower Upper

330 100

332 95.6 76.9 115.3

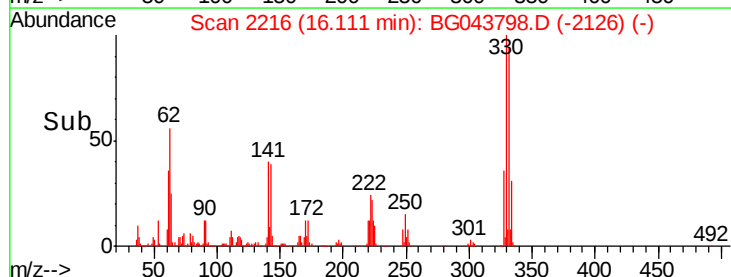
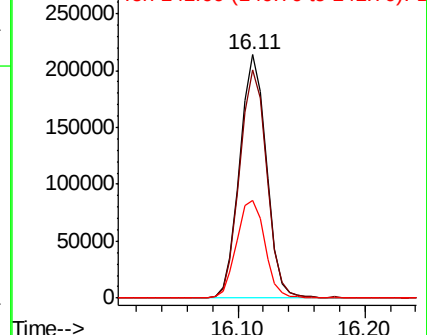
141 42.5 33.8 50.8

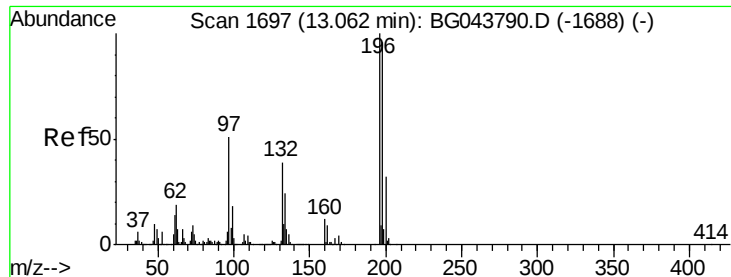


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

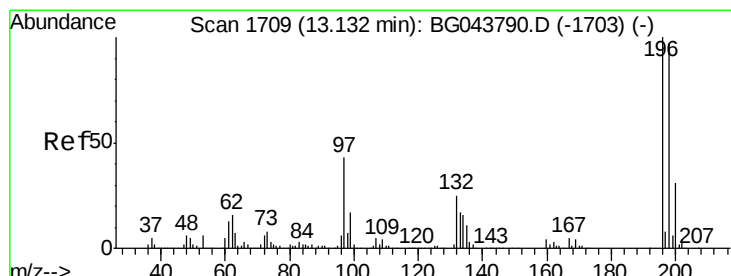
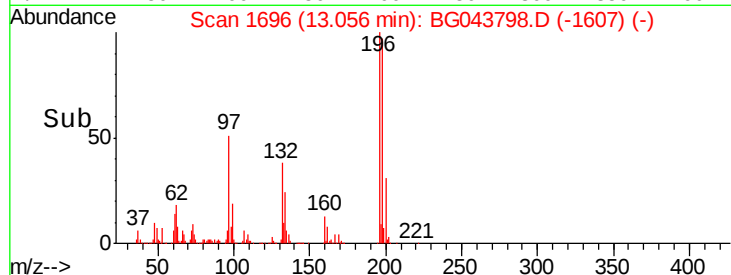
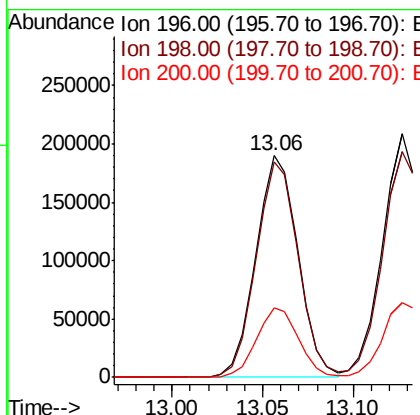
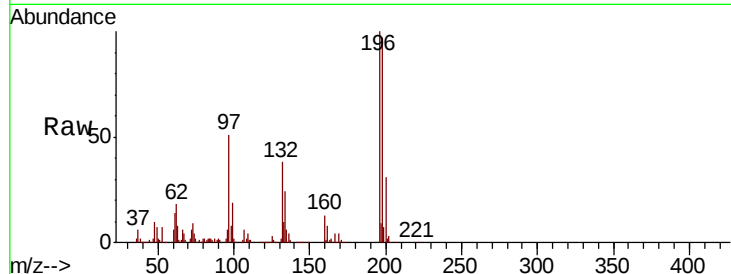




#43
 2,4,6-Trichlorophenol
 Concen: 40.338 ng
 RT: 13.06 min Scan# 1696
 Delta R.T. -0.01 min
 Lab File: BG043798.D
 Acq: 11 Dec 2019 16:52

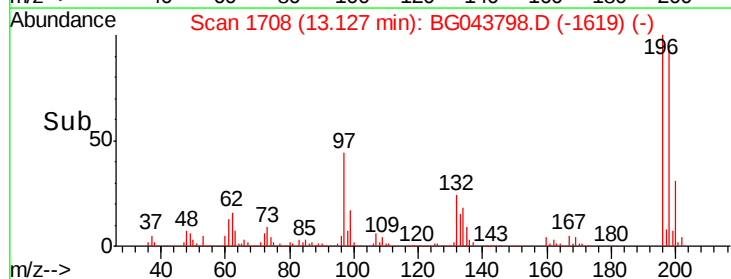
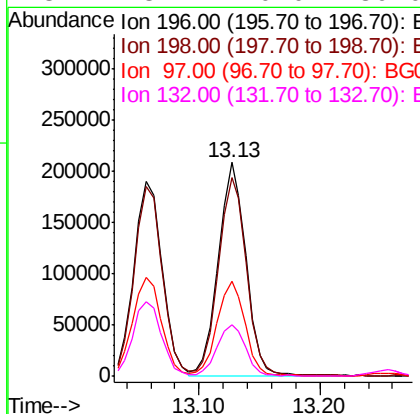
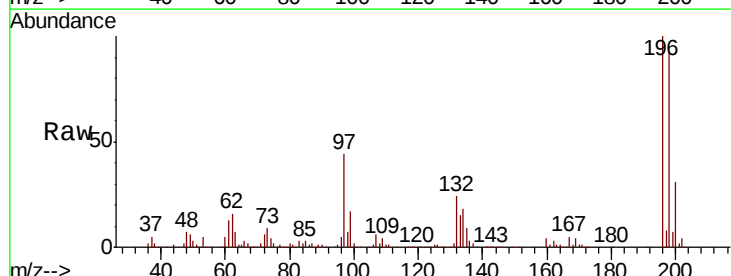
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

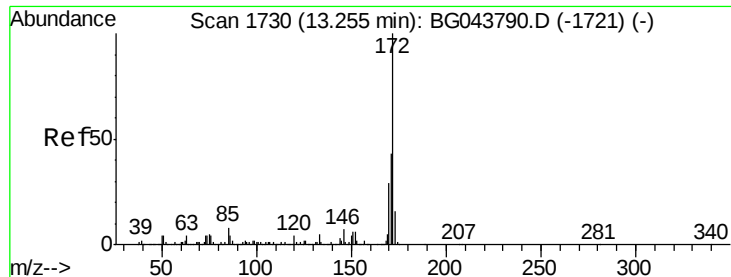
Tot Ion:196 Resp: 307524
 Ion Ratio Lower Upper
 196 100
 198 97.1 77.0 115.6
 200 31.2 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 40.892 ng
 RT: 13.13 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG043798.D
 Acq: 11 Dec 2019 16:52

Tgt Ion:196 Resp: 326609
 Ion Ratio Lower Upper
 196 100
 198 92.7 77.4 116.0
 97 44.3 34.7 52.1
 132 23.7 20.0 30.0

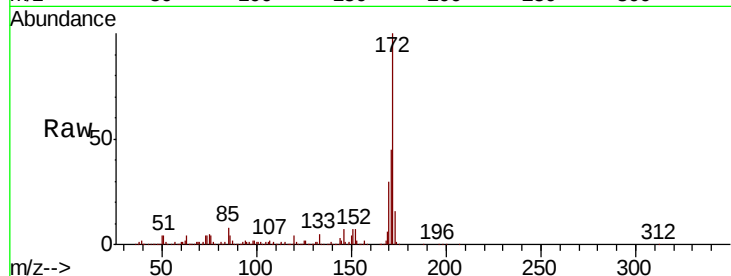




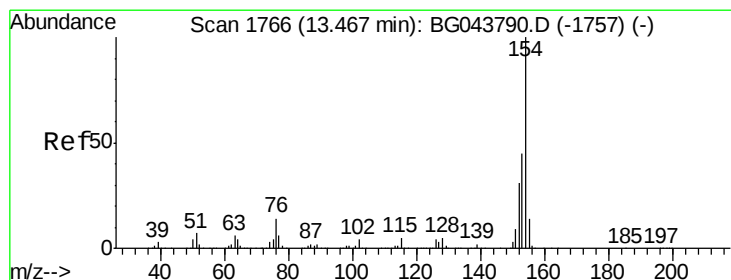
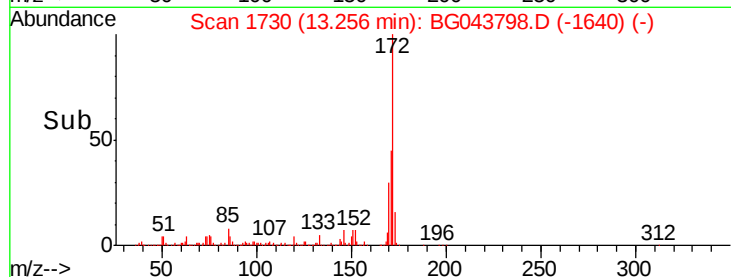
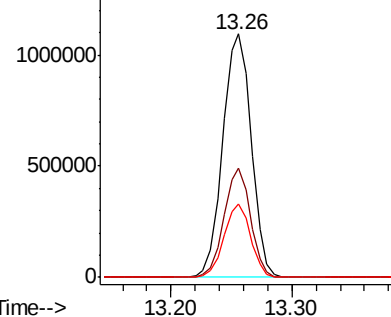
#45
2-Fluorobiphenyl
Concen: 79.060 ng
RT: 13.26 min Scan# 1730
Delta R.T. 0.00 min
Lab File: BG043798.D
Acq: 11 Dec 2019 16:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 1796577
Ion Ratio Lower Upper
172 100
171 44.8 34.6 51.8
170 30.1 23.3 34.9

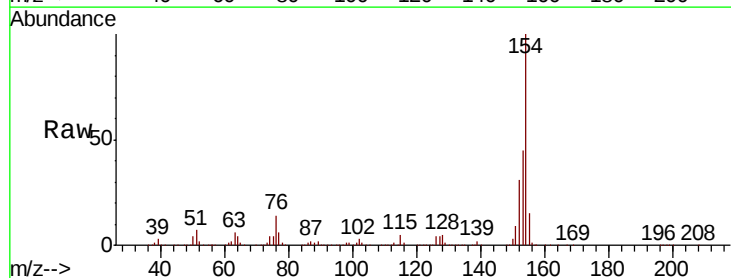


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

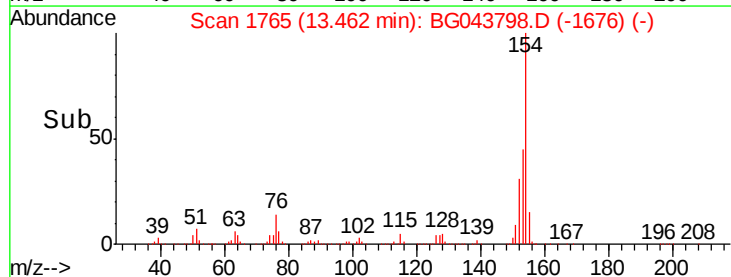
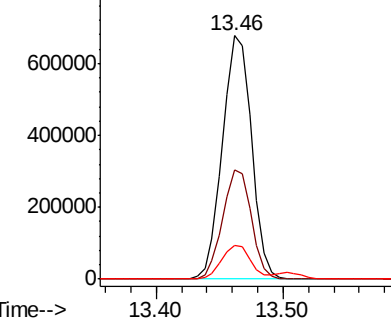


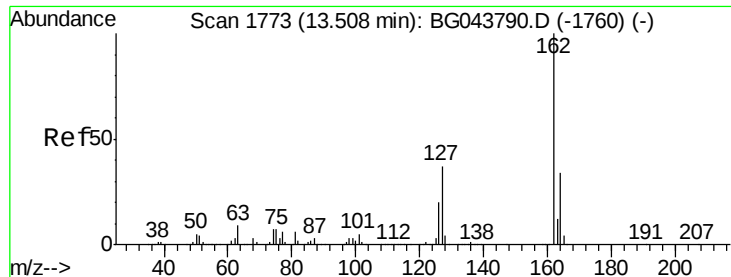
#46
1,1'-Biphenyl
Concen: 39.045 ng
RT: 13.46 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BG043798.D
Acq: 11 Dec 2019 16:52

Tgt Ion:154 Resp: 1074470
Ion Ratio Lower Upper
154 100
153 44.9 24.5 64.5
76 14.1 0.0 33.9



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

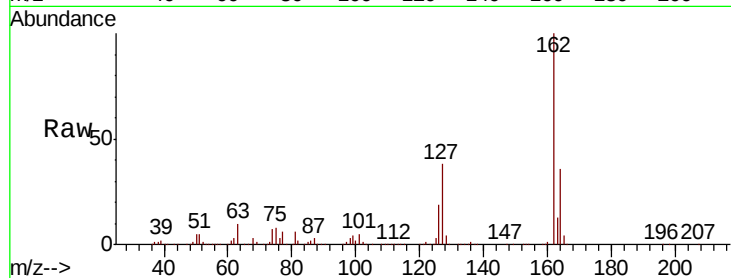




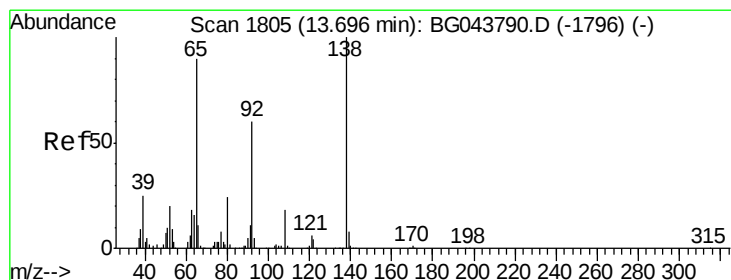
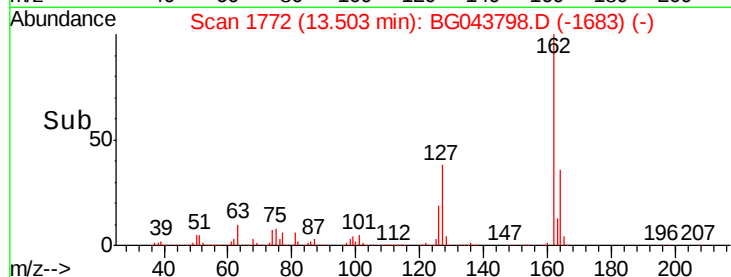
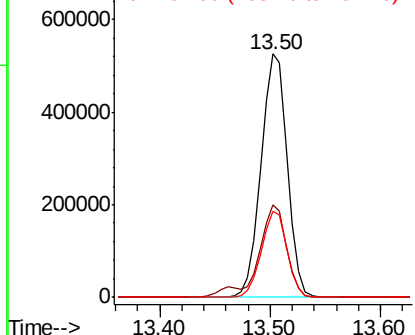
#47
2-Chloronaphthalene
Concen: 38.792 ng
RT: 13.50 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BG043798.D
Acq: 11 Dec 2019 16:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.1	30.0	45.0
164	35.6	27.6	41.4

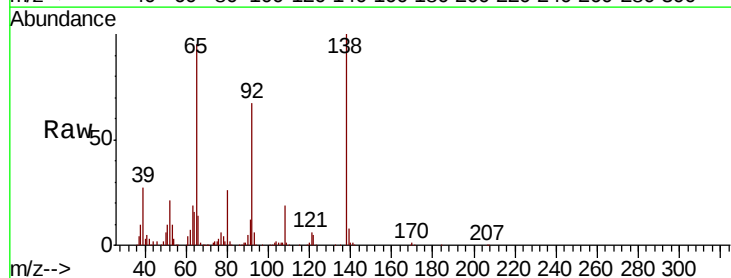


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

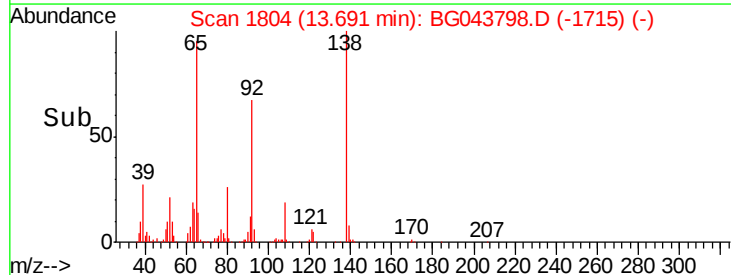
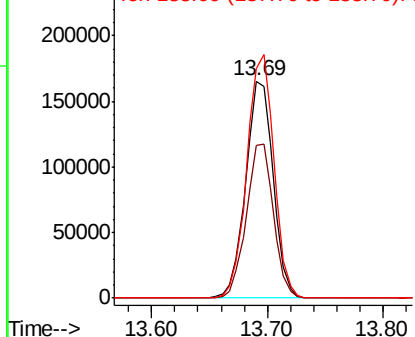


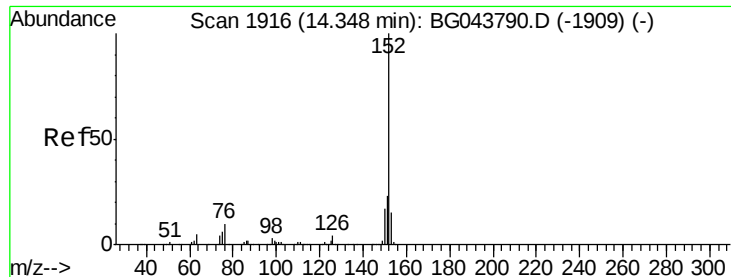
#48
2-Nitroaniline
Concen: 41.331 ng
RT: 13.69 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BG043798.D
Acq: 11 Dec 2019 16:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.4	53.7	80.5
138	105.4	88.8	133.2



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: 39.676 ng

RT: 14.35 min Scan# 1916

Delta R.T. 0.00 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

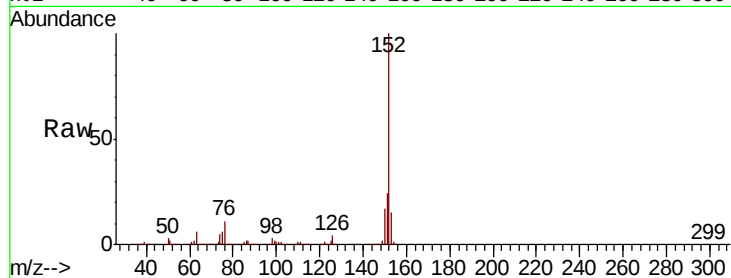
Tot Ion:152 Resp: 1329627

Ion Ratio Lower Upper

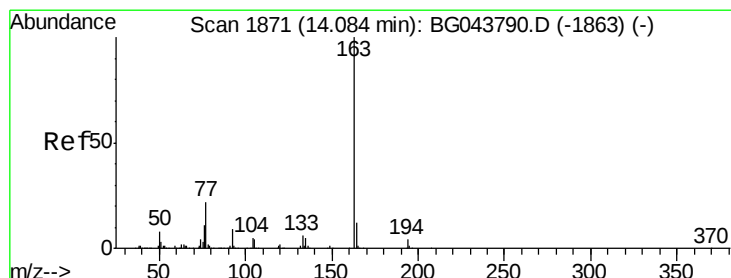
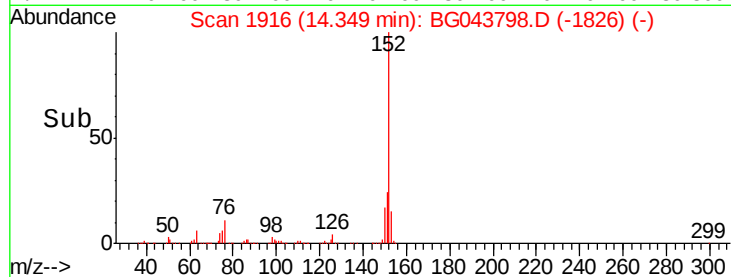
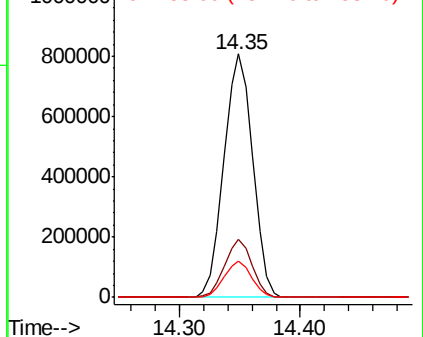
152 100

151 23.7 18.5 27.7

153 15.0 11.8 17.8



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: 40.067 ng

RT: 14.08 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

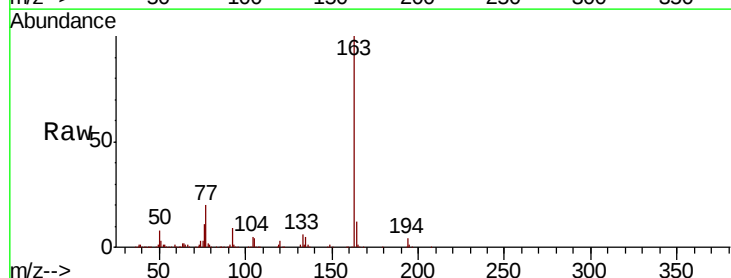
Tgt Ion:163 Resp: 1141516

Ion Ratio Lower Upper

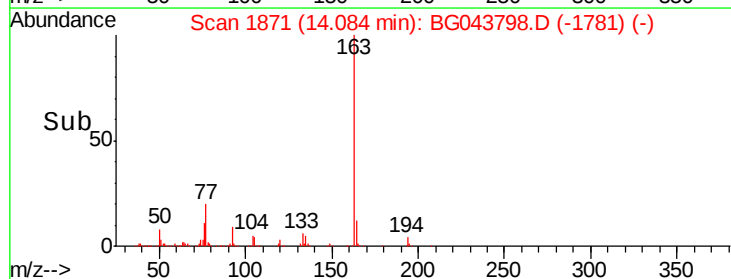
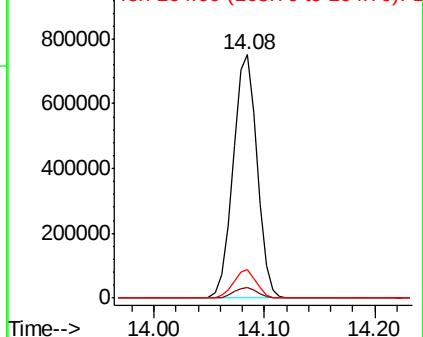
163 100

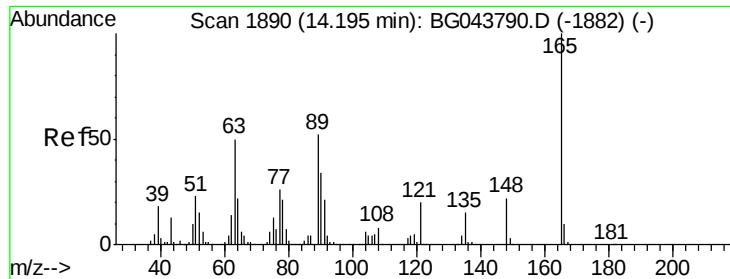
194 4.5 3.6 5.4

164 11.7 9.4 14.0



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

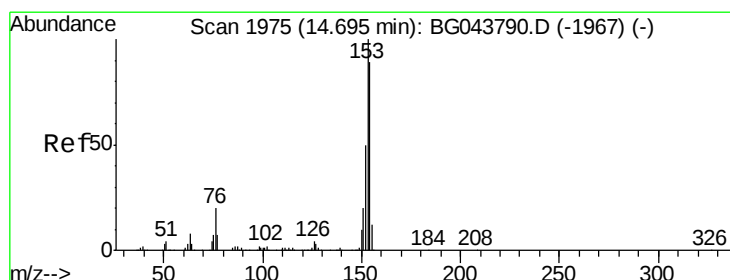
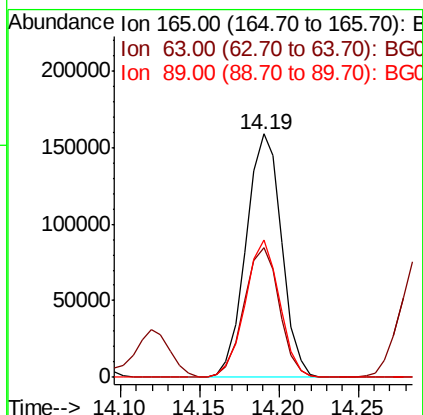
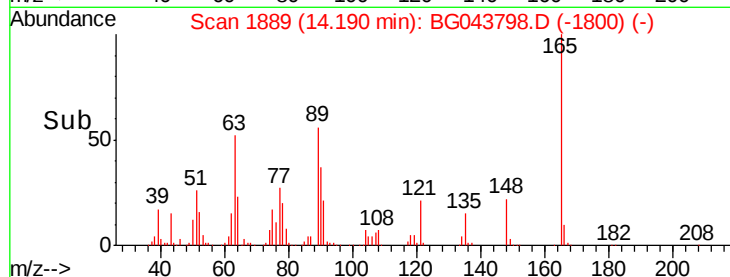
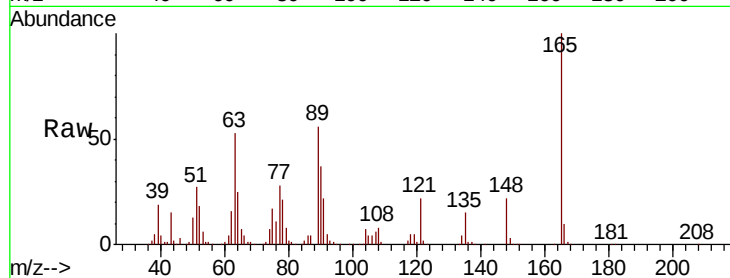




#51
 2,6-Dinitrotoluene
 Concen: 40.223 ng
 RT: 14.19 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: BG043798.D
 Acq: 11 Dec 2019 16:52

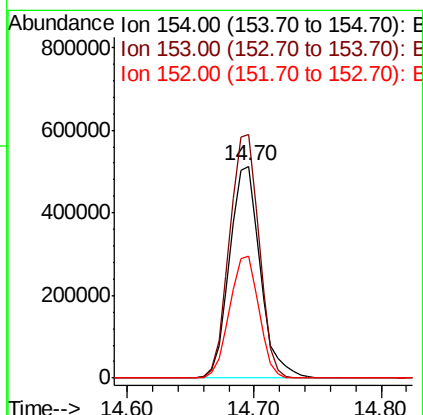
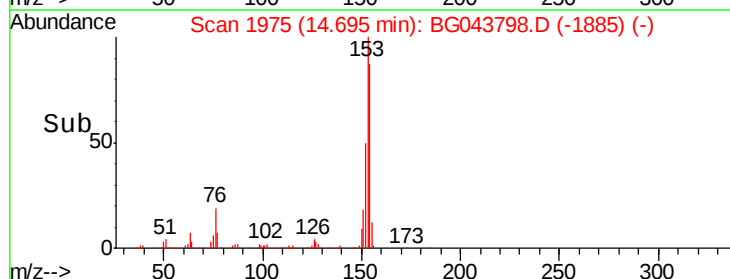
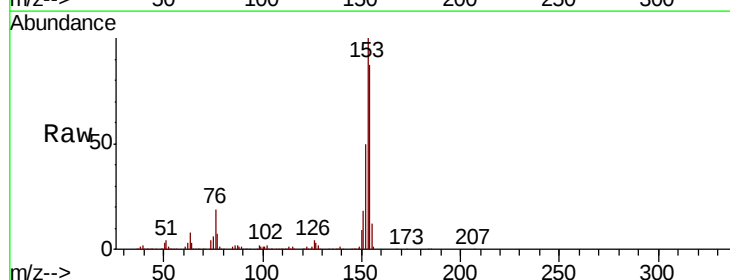
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

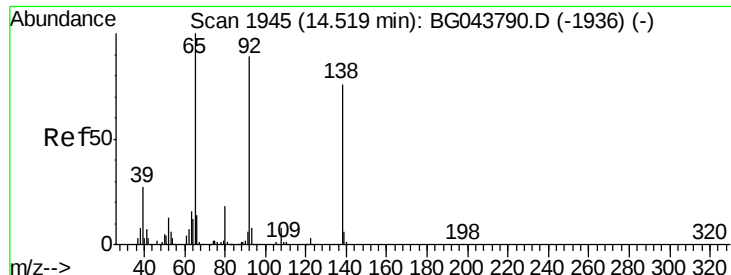
Tot Ion:165 Resp: 246956
 Ion Ratio Lower Upper
 165 100
 63 53.5 40.3 60.5
 89 56.4 41.8 62.8



#52
 Acenaphthene
 Concen: 38.801 ng
 RT: 14.70 min Scan# 1975
 Delta R.T. 0.00 min
 Lab File: BG043798.D
 Acq: 11 Dec 2019 16:52

Tgt Ion:154 Resp: 855418
 Ion Ratio Lower Upper
 154 100
 153 115.0 89.5 134.3
 152 57.7 45.0 67.4





#53

3-Nitroaniline

Concen: 40.599 ng

RT: 14.52 min Scan# 1945

Delta R.T. 0.00 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

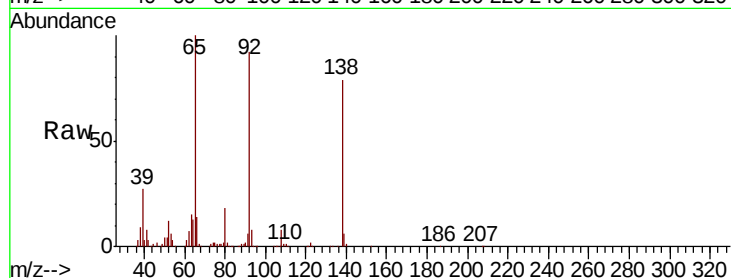
Tot Ion:138 Resp: 285248

Ion Ratio Lower Upper

138 100

108 10.3 8.1 12.1

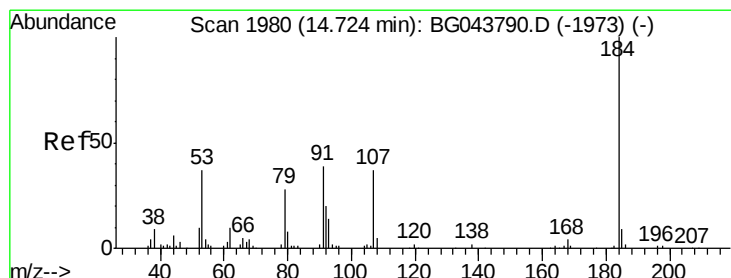
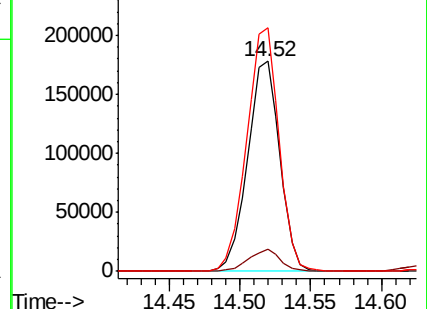
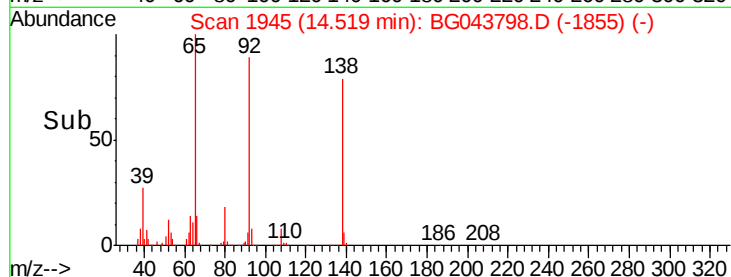
92 115.8 94.6 141.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 41.906 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

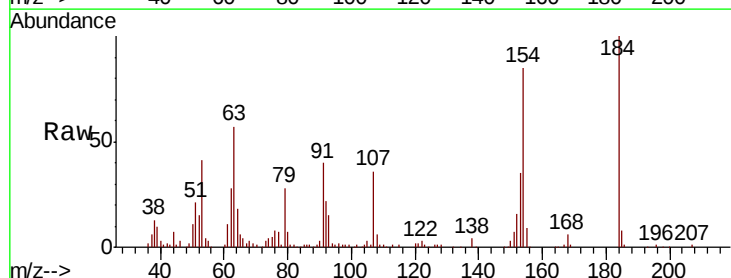
Tgt Ion:184 Resp: 82949

Ion Ratio Lower Upper

184 100

63 57.2 43.4 65.0

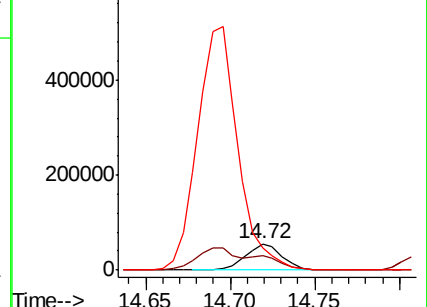
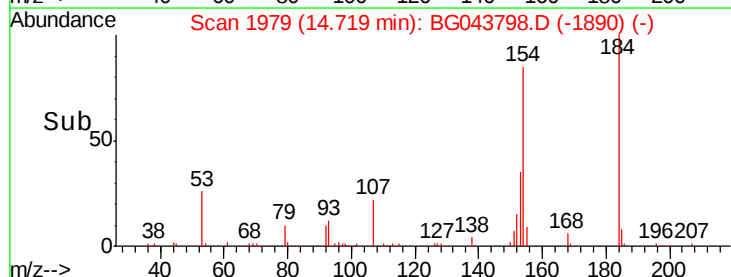
154 84.8 54.8 82.2#

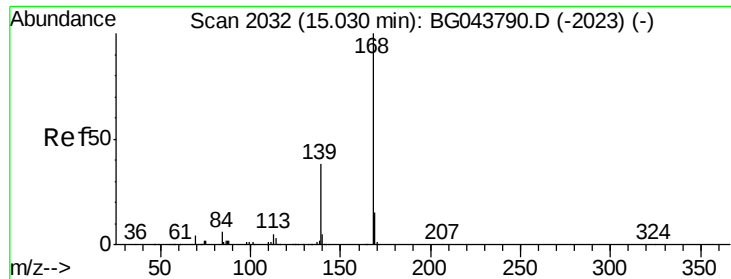


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

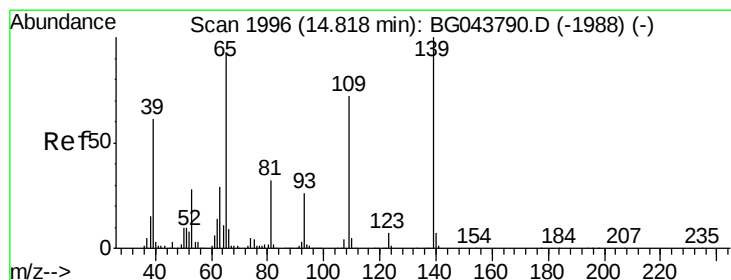
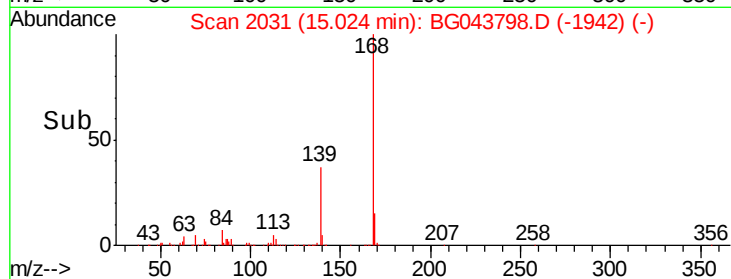
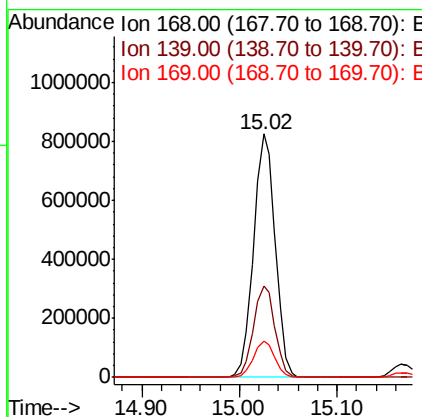
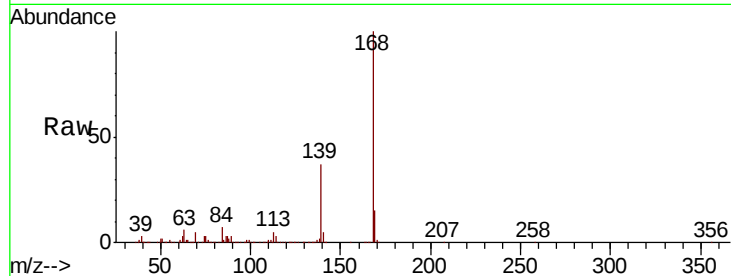




#55
Dibenzofuran
Concen: 39.481 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BG043798.D
Acq: 11 Dec 2019 16:52

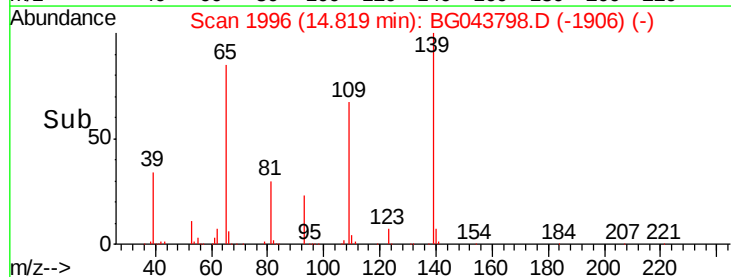
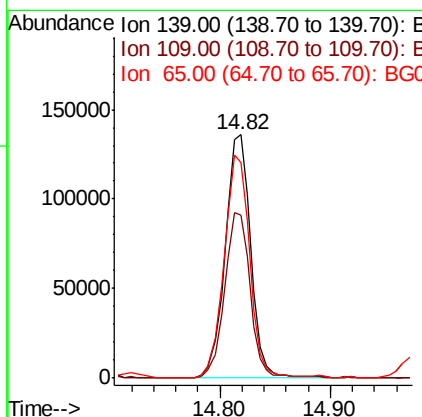
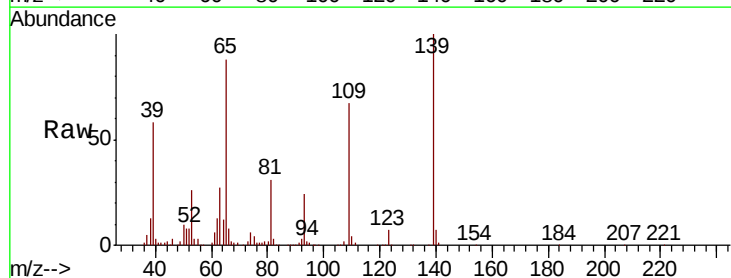
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

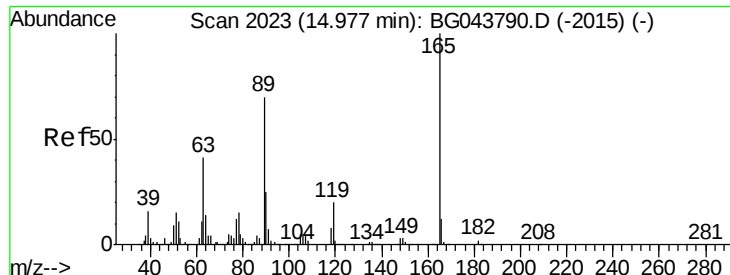
Tot Ion:168 Resp: 1288453
Ion Ratio Lower Upper
168 100
139 37.4 30.4 45.6
169 15.0 12.0 18.0



#56
4-Nitrophenol
Concen: 43.007 ng
RT: 14.82 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BG043798.D
Acq: 11 Dec 2019 16:52

Tgt Ion:139 Resp: 220447
Ion Ratio Lower Upper
139 100
109 66.9 51.5 91.5
65 88.2 73.7 113.7

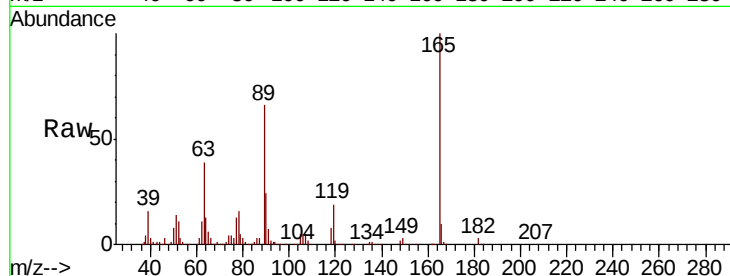




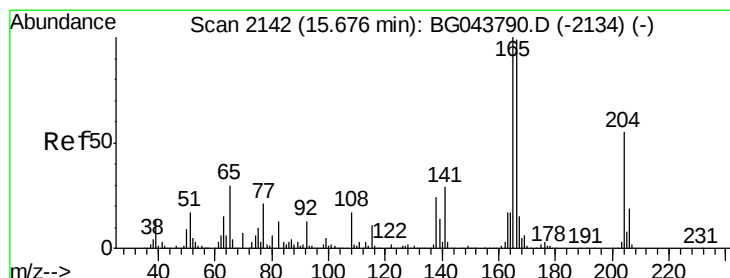
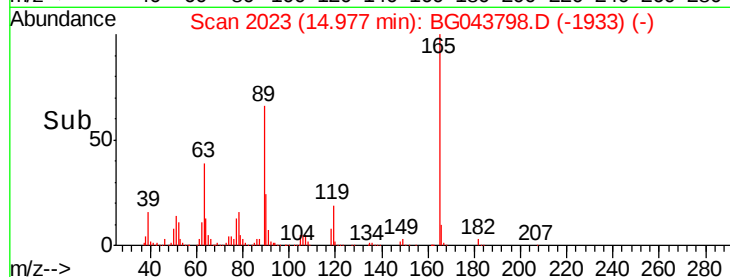
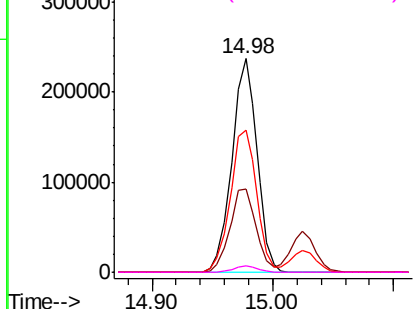
#57
2,4-Dinitrotoluene
Concen: 41.423 ng
RT: 14.98 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BG043798.D
Acq: 11 Dec 2019 16:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:165 Resp: 343651
Ion Ratio Lower Upper
165 100
63 38.8 32.7 49.1
89 66.5 56.1 84.1
182 2.7 2.0 3.0

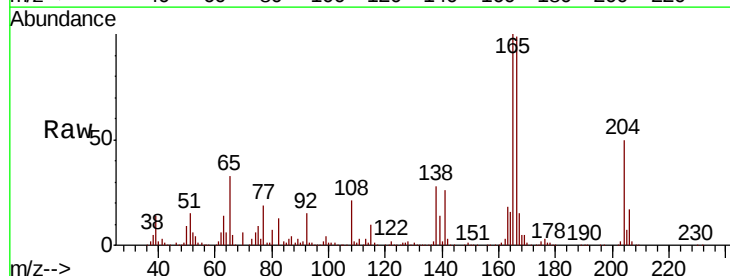


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

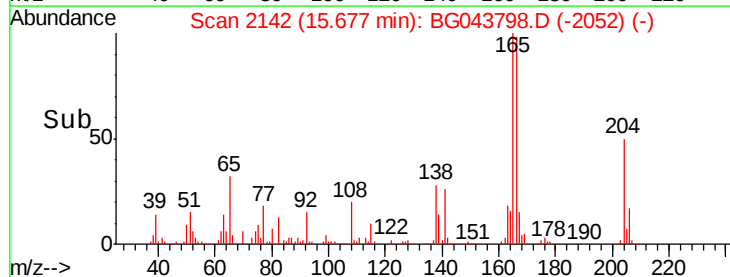
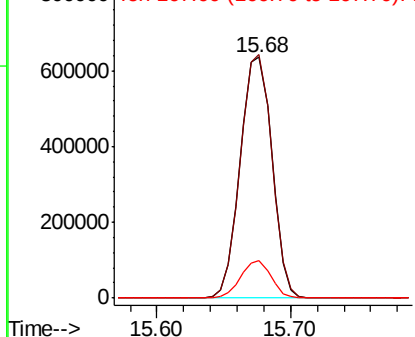


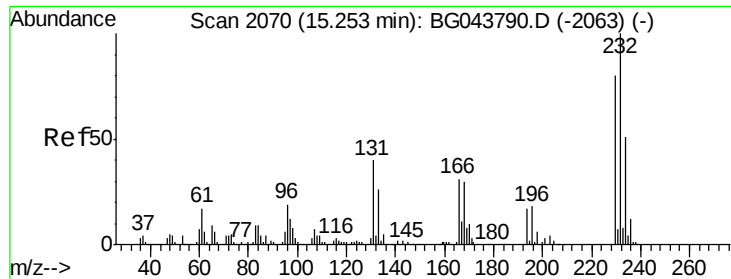
#58
Fluorene
Concen: 39.845 ng
RT: 15.68 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG043798.D
Acq: 11 Dec 2019 16:52

Tgt Ion:166 Resp: 1048103
Ion Ratio Lower Upper
166 100
165 101.1 80.5 120.7
167 15.4 12.1 18.1



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

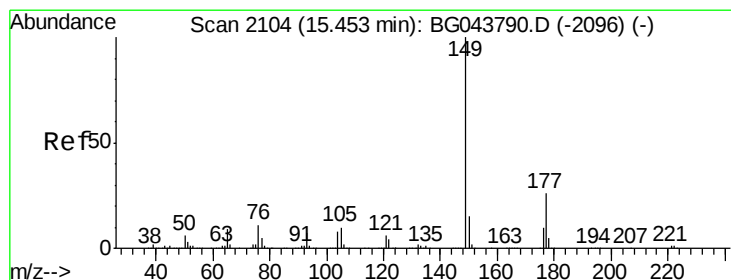
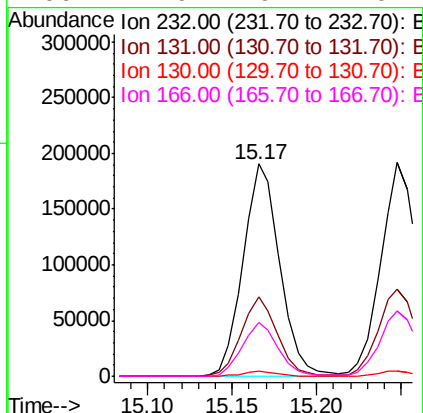
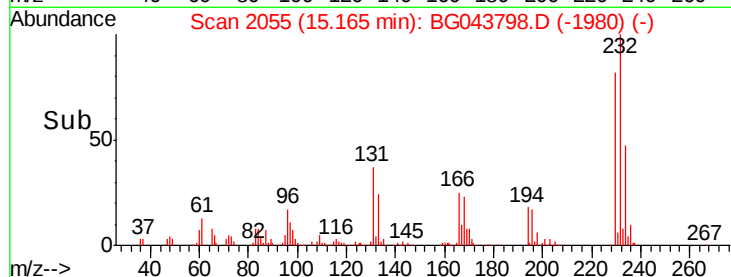
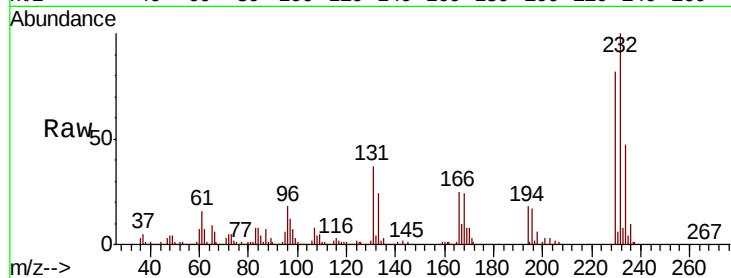




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.286 ng
 RT: 15.17 min Scan# 2055
 Delta R.T. -0.09 min
 Lab File: BG043798.D
 Acq: 11 Dec 2019 16:52

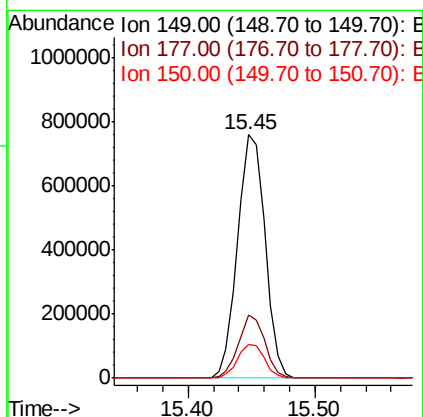
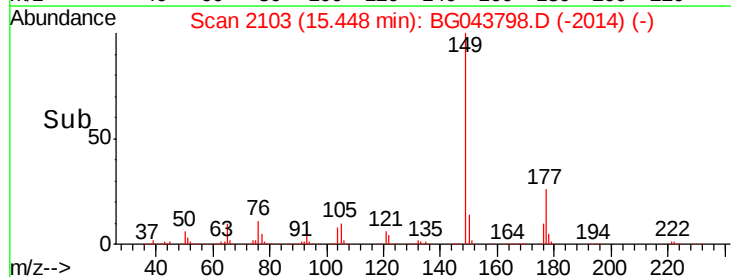
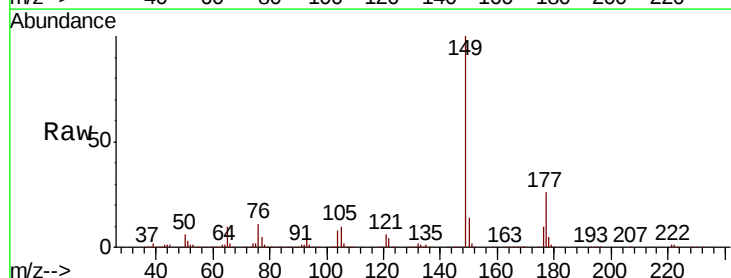
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

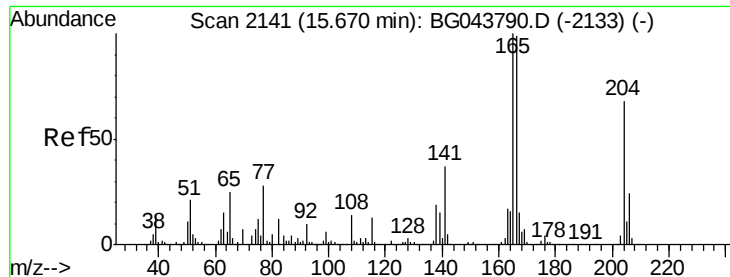
Tot Ion:232	Resp:	288704	
Ion Ratio	Lower	Upper	
232 100			
131 36.7	27.9	41.9	
130 2.3	1.8	2.8	
166 24.9	19.4	29.2	



#60
 Diethylphthalate
 Concen: 39.917 ng
 RT: 15.45 min Scan# 2103
 Delta R.T. -0.01 min
 Lab File: BG043798.D
 Acq: 11 Dec 2019 16:52

Tgt Ion:149	Resp: 1135970
Ion Ratio	Lower Upper
149 100	
177 25.7	20.4 30.6
150 13.9	11.6 17.4

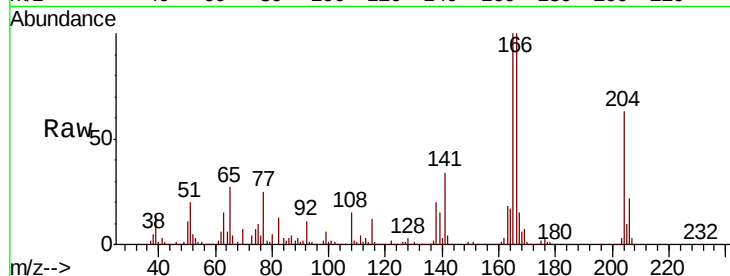




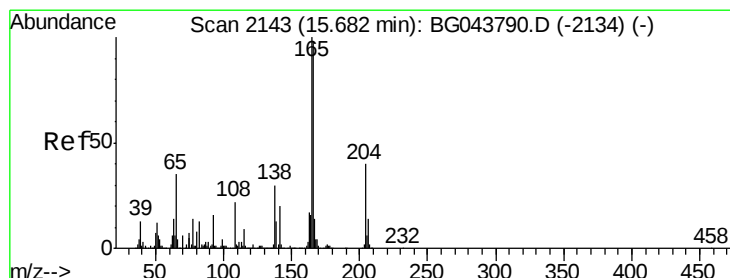
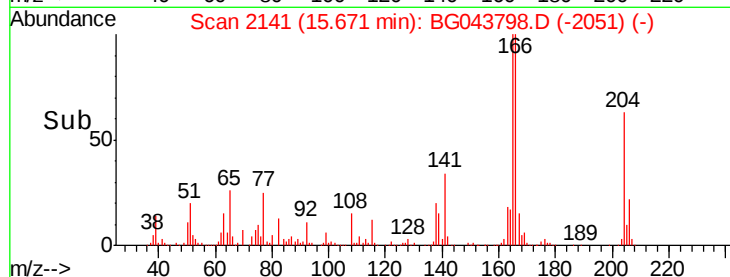
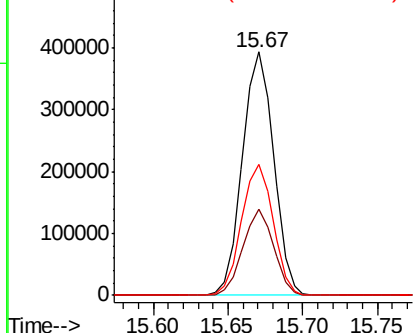
#61
 4-Chlorophenyl-phenylether
 Concen: 38.777 ng
 RT: 15.67 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: BG043798.D
 Acq: 11 Dec 2019 16:52

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion: 204 Resp: 571244
 Ion Ratio Lower Upper
 204 100
 206 35.2 28.1 42.1
 141 53.9 44.1 66.1

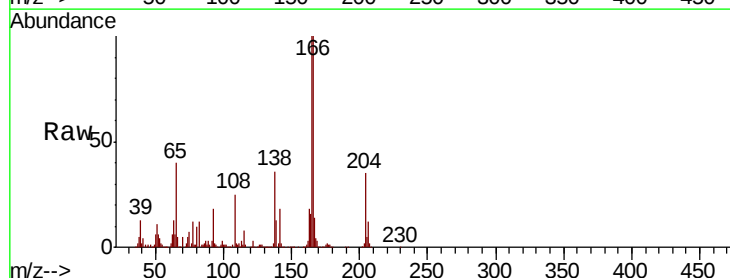


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

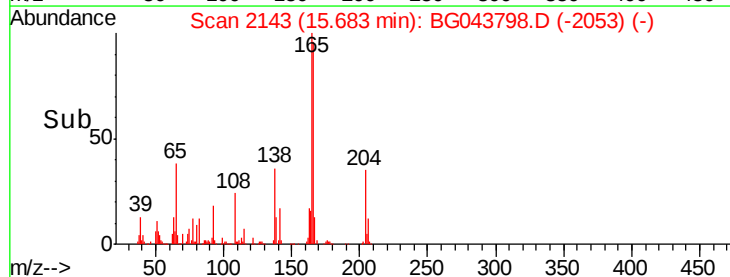
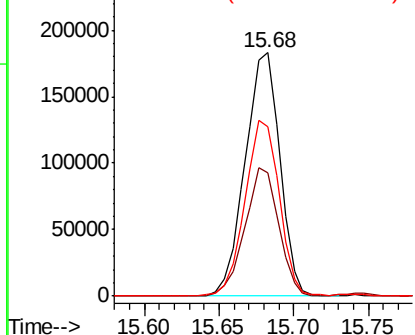


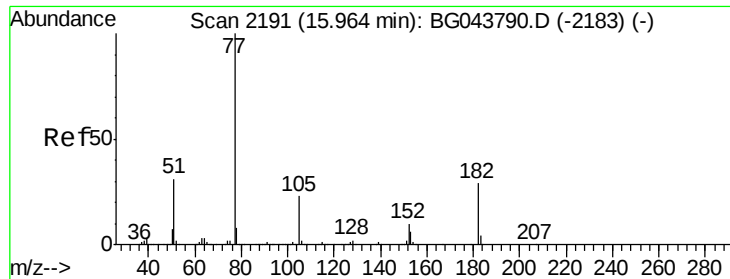
#62
 4-Nitroaniline
 Concen: 40.471 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: BG043798.D
 Acq: 11 Dec 2019 16:52

Tgt Ion: 138 Resp: 294629
 Ion Ratio Lower Upper
 138 100
 92 50.5 31.5 71.5
 108 69.5 53.1 93.1



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





#63

Azobenzene

Concen: 39.332 ng

RT: 15.96 min Scan# 2191

Delta R.T. 0.00 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1028306

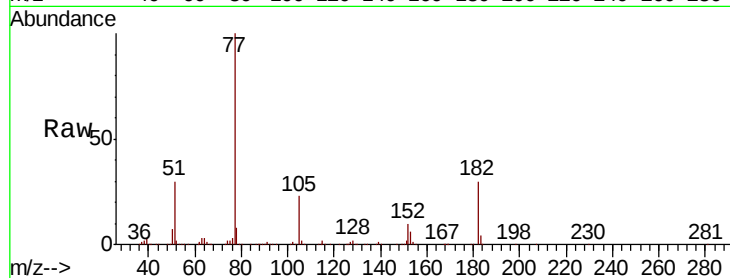
Ion Ratio Lower Upper

77 100

182 30.3 9.0 49.0

105 23.0 2.9 42.9

51 30.1 10.6 50.6

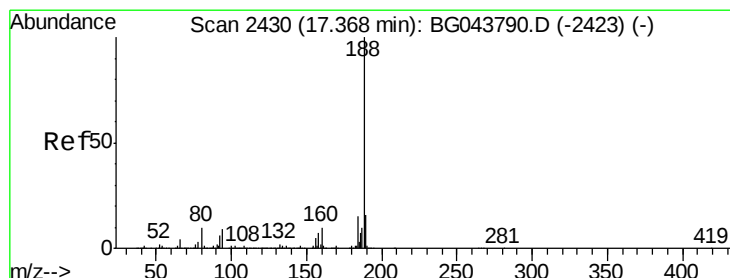
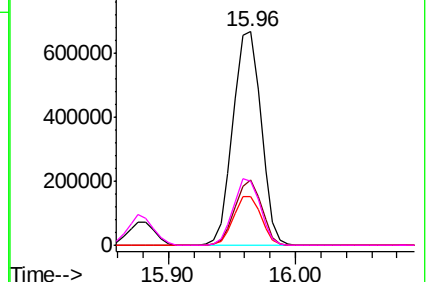
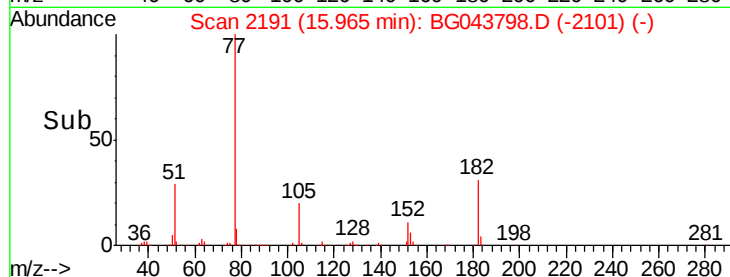


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.37 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

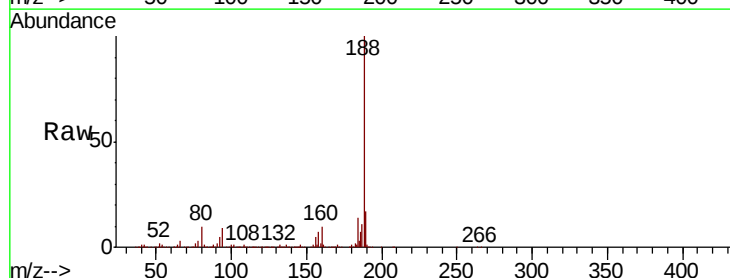
Tgt Ion: 188 Resp: 881338

Ion Ratio Lower Upper

188 100

94 8.9 6.9 10.3

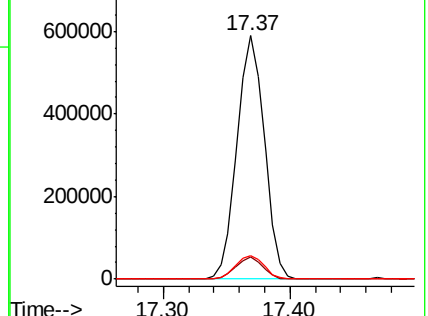
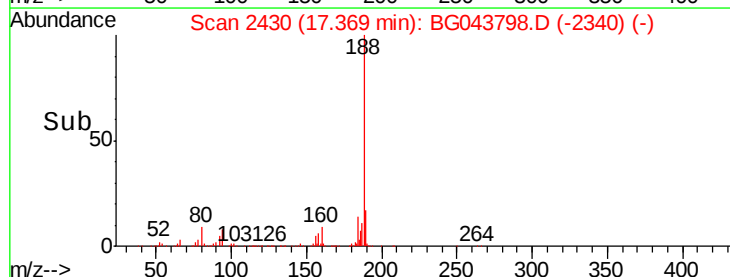
80 9.5 7.8 11.8

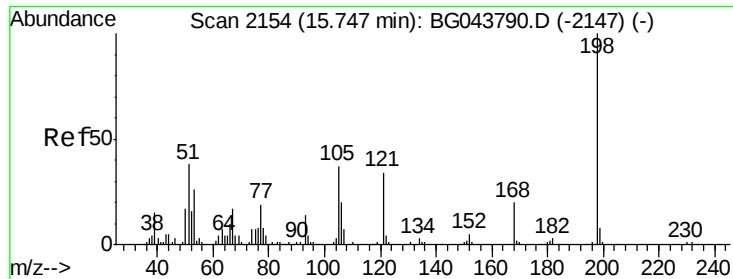


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 37.798 ng

RT: 15.74 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

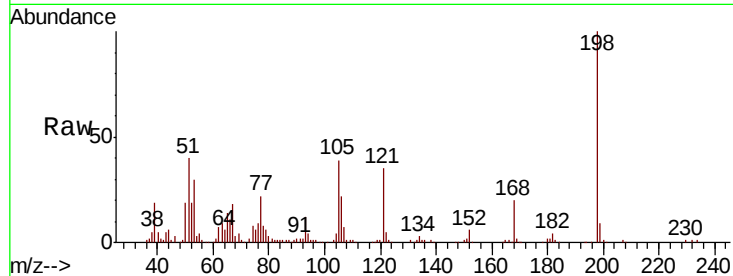
Tot Ion:198 Resp: 119963

Ion Ratio Lower Upper

198 100

51 40.0 18.9 58.9

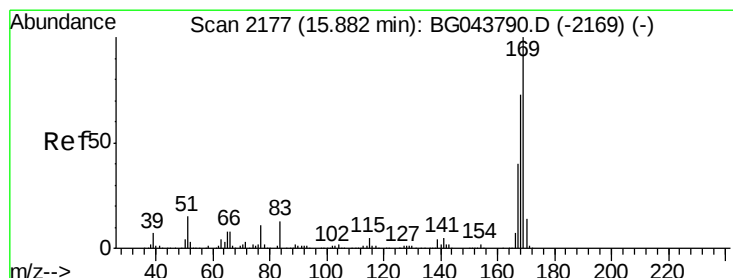
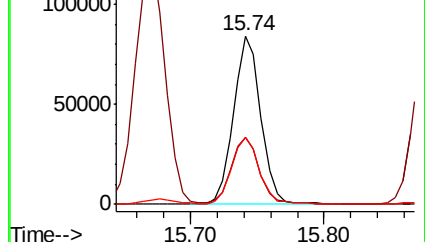
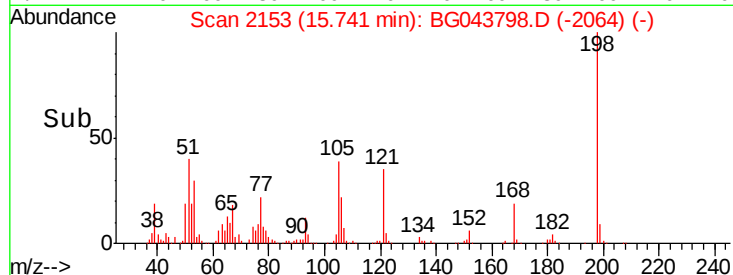
105 39.4 18.1 58.1



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: 39.173 ng

RT: 15.88 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

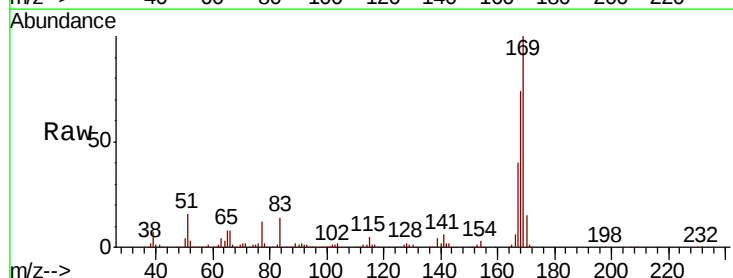
Tgt Ion:169 Resp: 959559

Ion Ratio Lower Upper

169 100

168 74.1 58.5 87.7

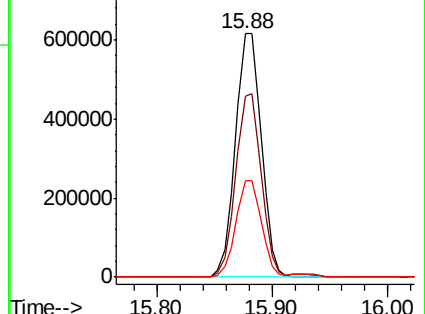
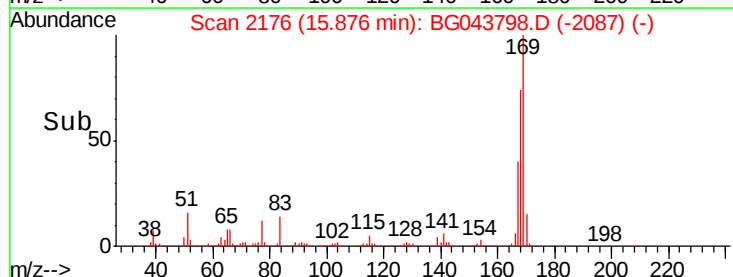
167 39.7 32.1 48.1

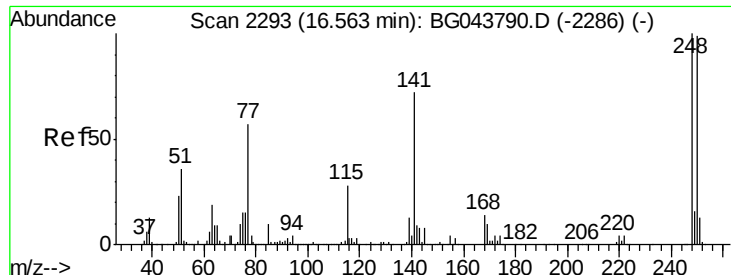


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

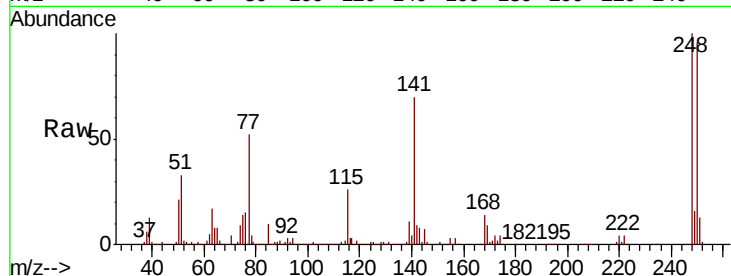




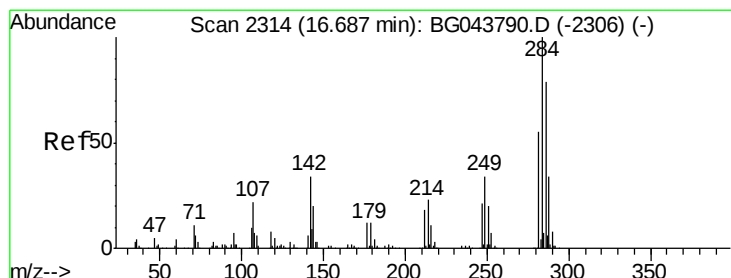
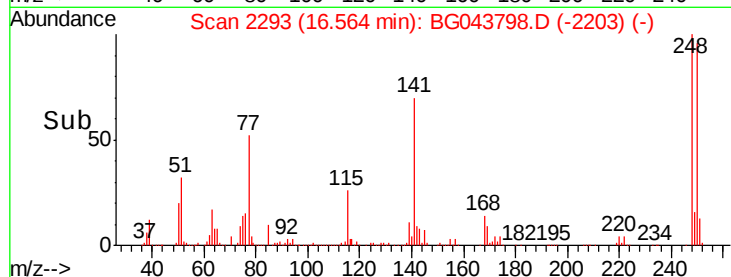
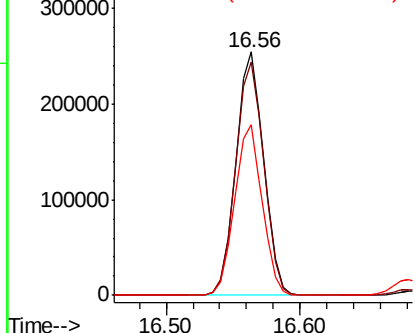
#67
4-Bromophenyl-phenylether
Concen: 38.826 ng
RT: 16.56 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BG043798.D
Acq: 11 Dec 2019 16:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 365843
Ion Ratio Lower Upper
248 100
250 96.0 79.0 118.6
141 70.3 57.8 86.6

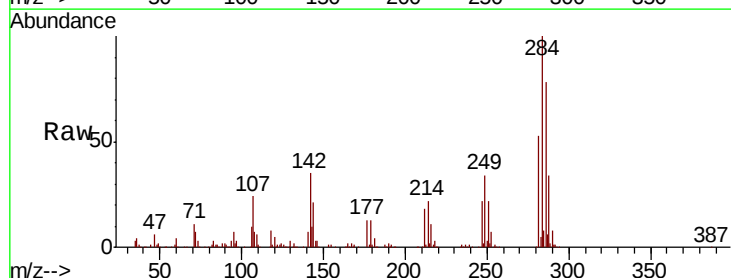


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

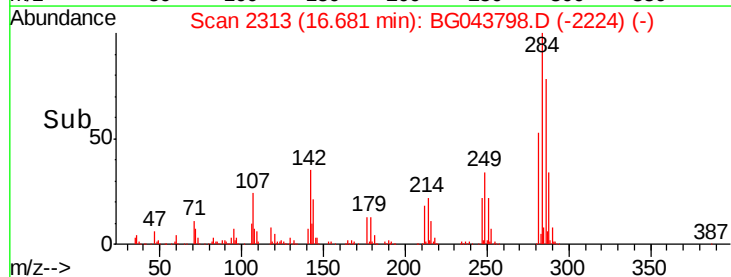
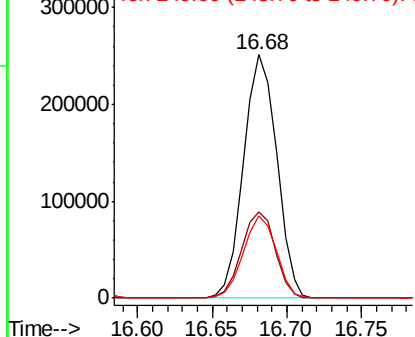


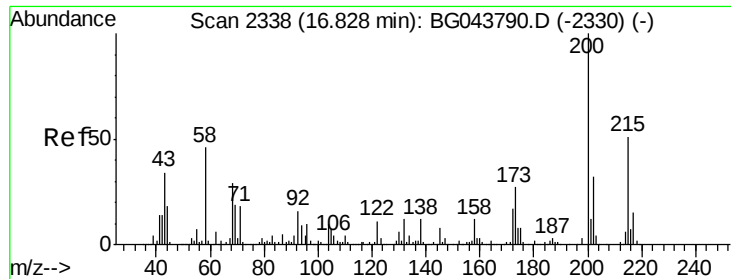
#68
Hexachlorobenzene
Concen: 38.650 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BG043798.D
Acq: 11 Dec 2019 16:52

Tgt Ion:284 Resp: 386262
Ion Ratio Lower Upper
284 100
142 35.4 27.0 40.6
249 33.8 27.2 40.8



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: 37.990 ng

RT: 16.83 min Scan# 2338

Delta R.T. 0.00 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

Instrument :

BNA_G

ClientSampled :

SSTDCCC040

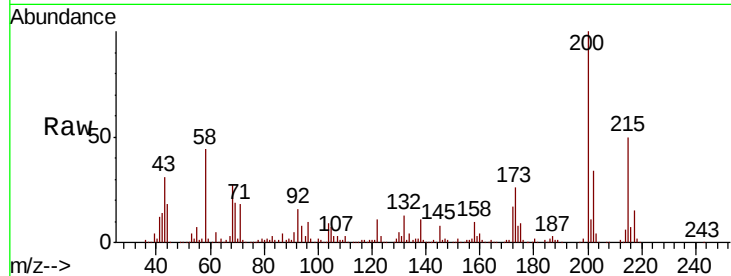
Tot Ion:200 Resp: 296664

Ion Ratio Lower Upper

200 100

173 26.2 7.4 47.4

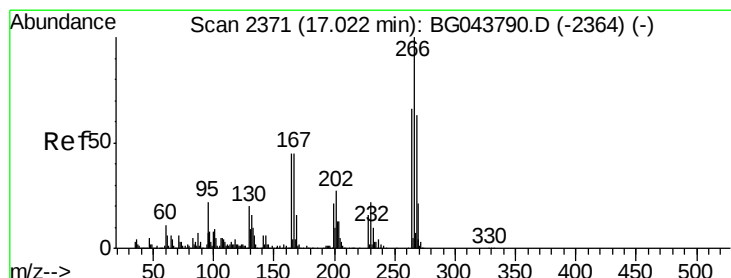
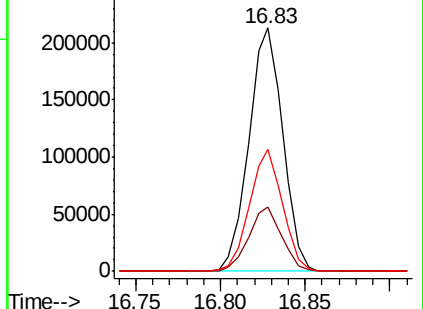
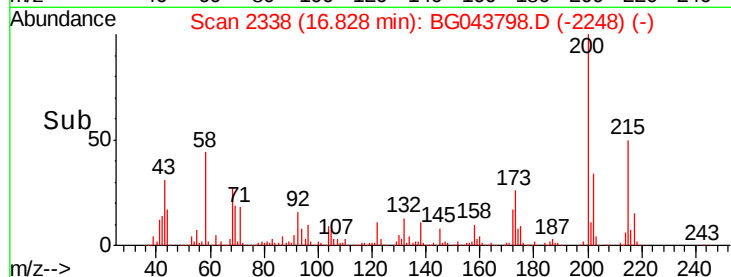
215 49.9 30.5 70.5



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: 41.539 ng

RT: 17.02 min Scan# 2370

Delta R.T. -0.01 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

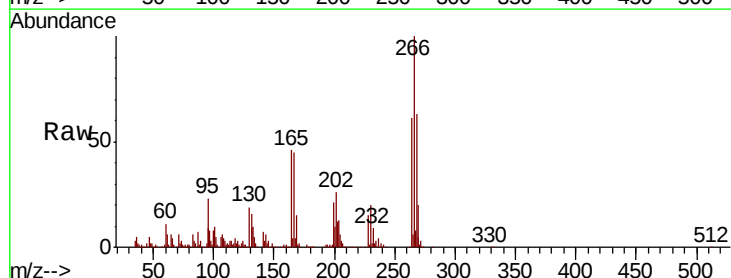
Tgt Ion:266 Resp: 220823

Ion Ratio Lower Upper

266 100

268 62.7 50.8 76.2

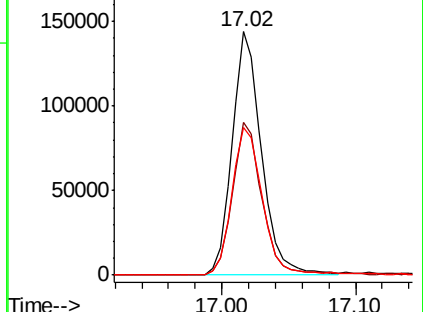
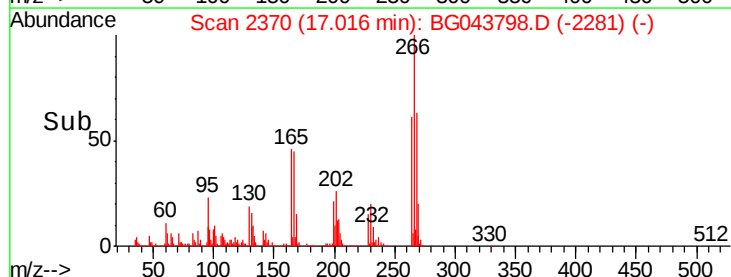
264 60.8 53.0 79.4

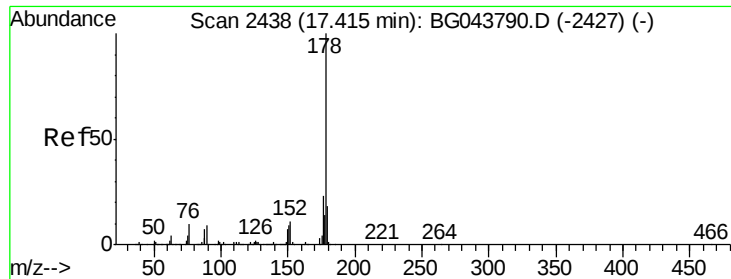


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.884 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

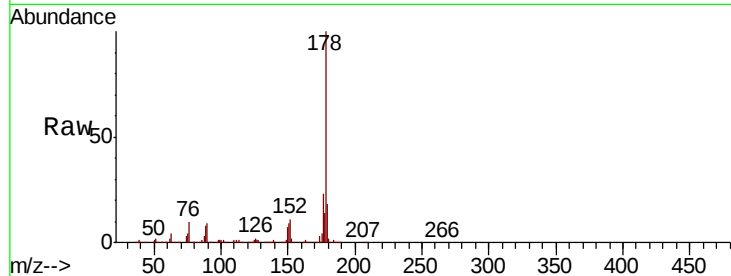
Tot Ion:178 Resp: 1664096

Ion Ratio Lower Upper

178 100

176 23.0 18.6 27.8

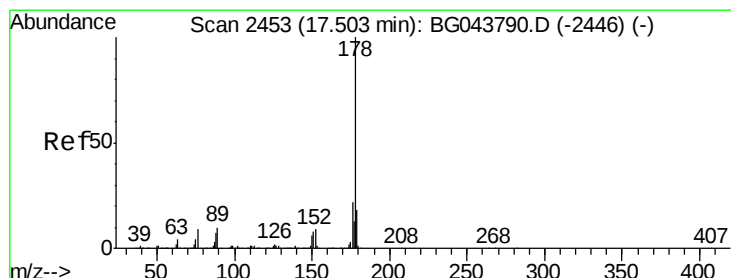
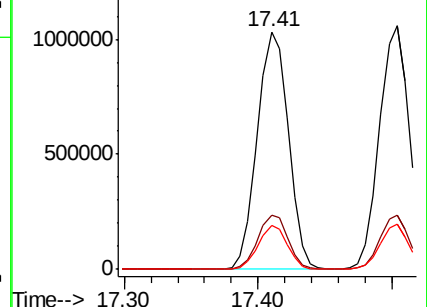
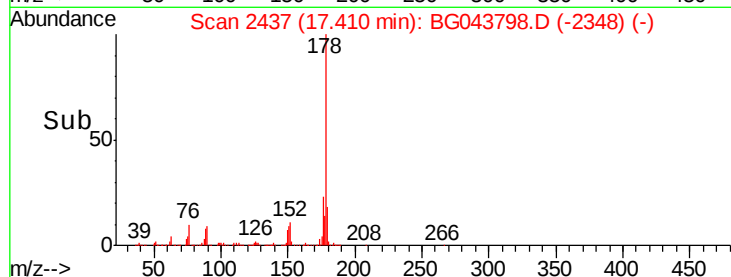
179 18.5 14.7 22.1



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: 39.684 ng

RT: 17.50 min Scan# 2453

Delta R.T. 0.00 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

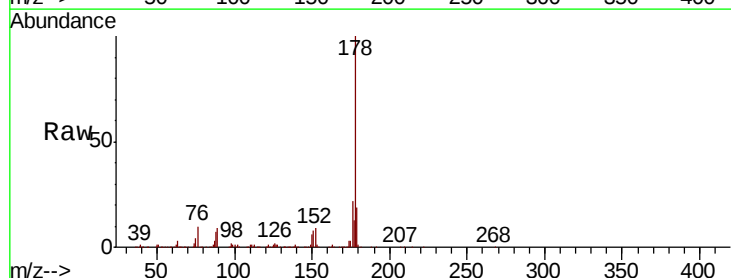
Tgt Ion:178 Resp: 1639014

Ion Ratio Lower Upper

178 100

176 22.5 17.7 26.5

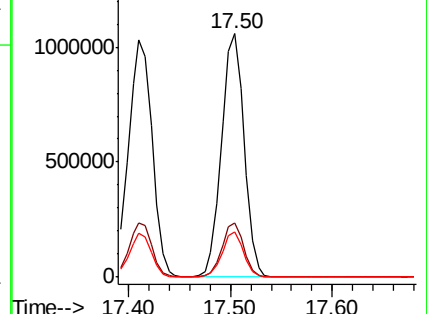
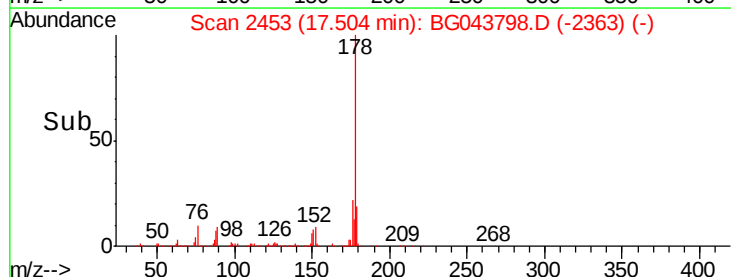
179 18.7 14.5 21.7

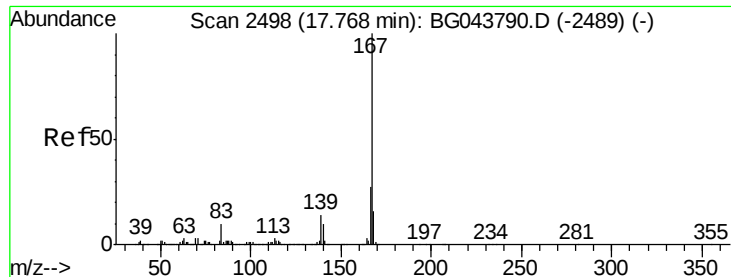


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



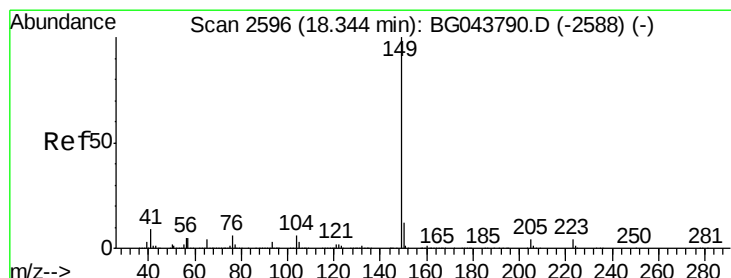
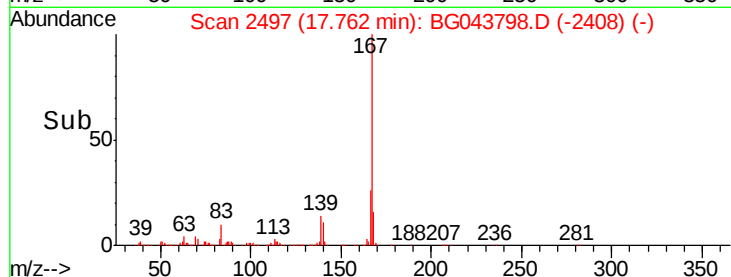
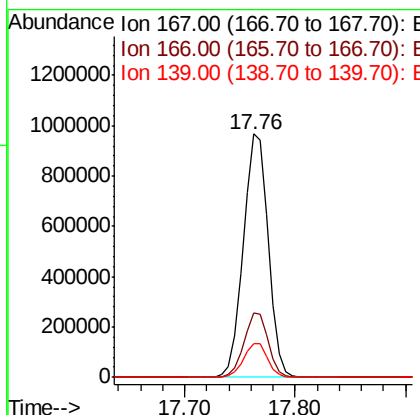
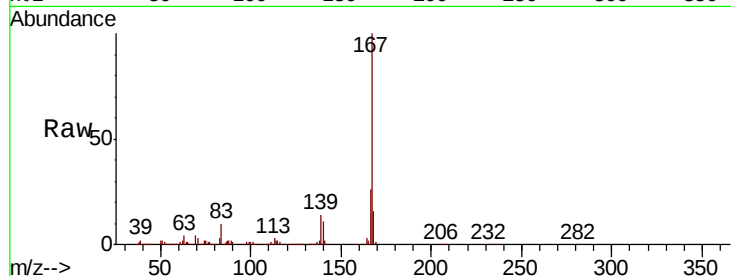


#73
 Carbazole
 Concen: 39.638 ng
 RT: 17.76 min Scan# 2497
 Delta R.T. -0.01 min
 Lab File: BG043798.D
 Acq: 11 Dec 2019 16:52

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 1530314

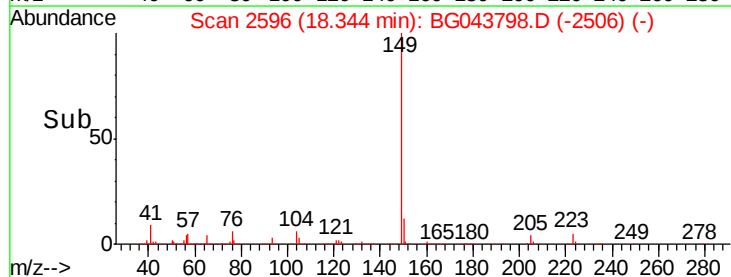
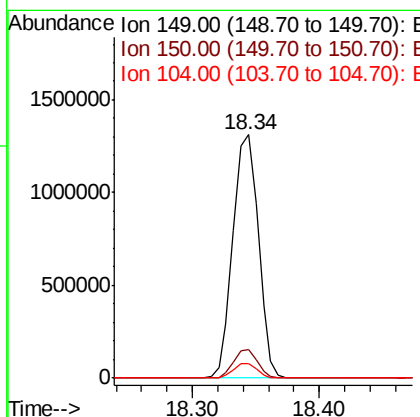
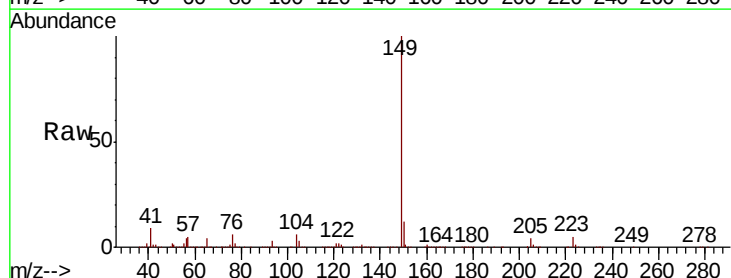
Ion	Ratio	Lower	Upper
167	100		
166	26.3	21.4	32.2
139	13.8	11.0	16.4

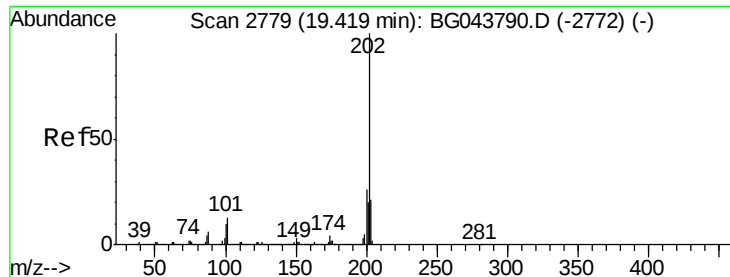


#74
 Di-n-butylphthalate
 Concen: 41.128 ng
 RT: 18.34 min Scan# 2596
 Delta R.T. 0.00 min
 Lab File: BG043798.D
 Acq: 11 Dec 2019 16:52

Tgt Ion:149 Resp: 1820277

Ion	Ratio	Lower	Upper
149	100		
150	11.9	9.4	14.0
104	6.2	4.8	7.2

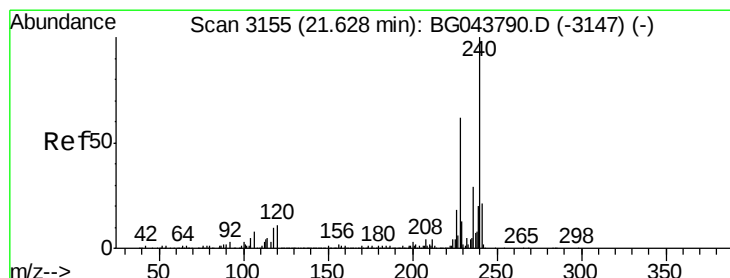
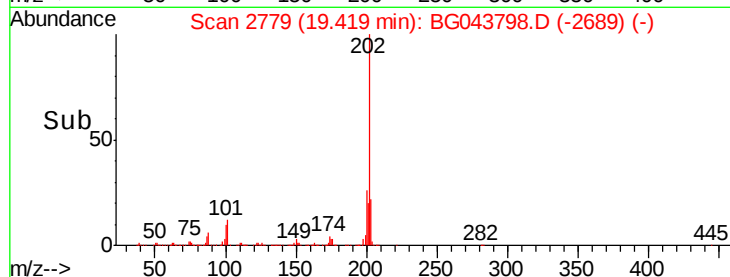
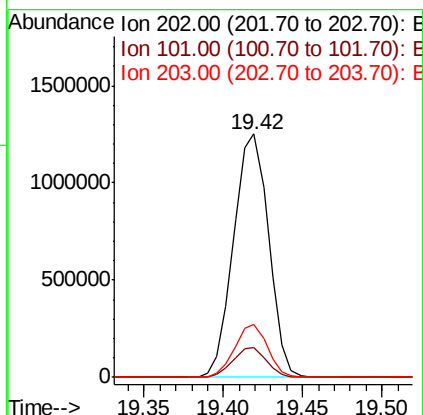
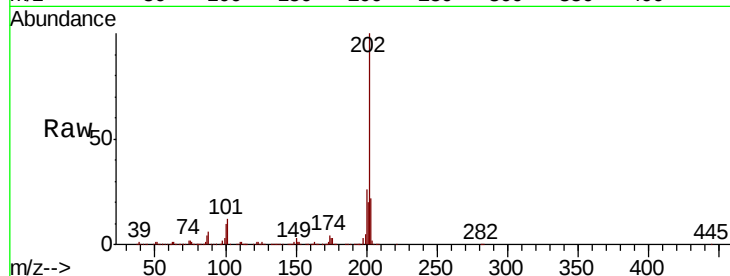




#75
Fluoranthene
Concen: 40.125 ng
RT: 19.42 min Scan# 2779
Delta R.T. 0.00 min
Lab File: BG043798.D
Acq: 11 Dec 2019 16:52

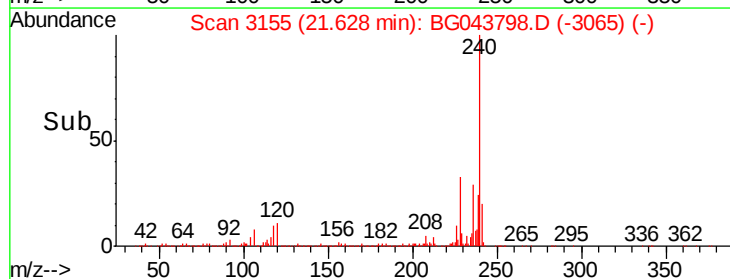
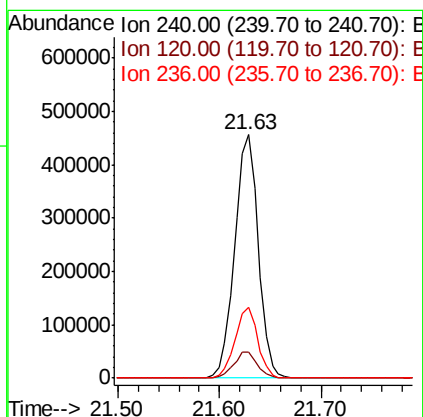
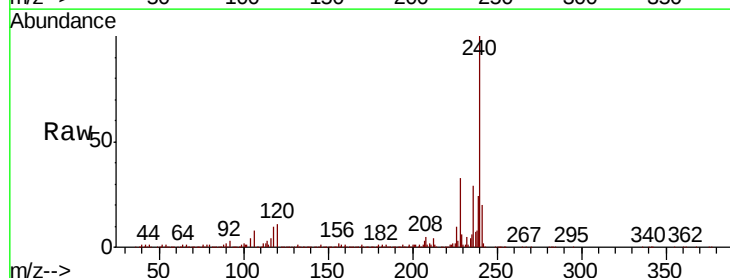
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

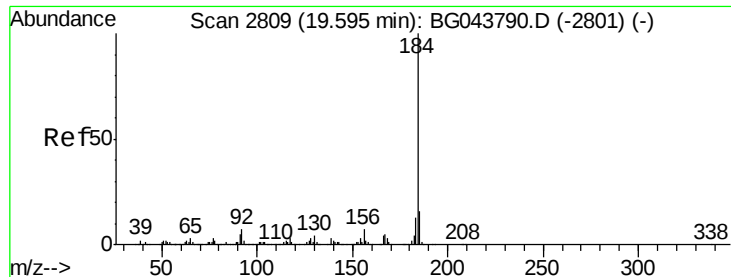
Tot Ion:202 Resp: 1916075
Ion Ratio Lower Upper
202 100
101 12.1 0.0 32.7
203 21.8 1.0 41.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3155
Delta R.T. 0.00 min
Lab File: BG043798.D
Acq: 11 Dec 2019 16:52

Tgt Ion:240 Resp: 734180
Ion Ratio Lower Upper
240 100
120 10.6 8.6 12.8
236 29.1 23.1 34.7





#77

Benzidine

Concen: 51.078 ng

RT: 19.59 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

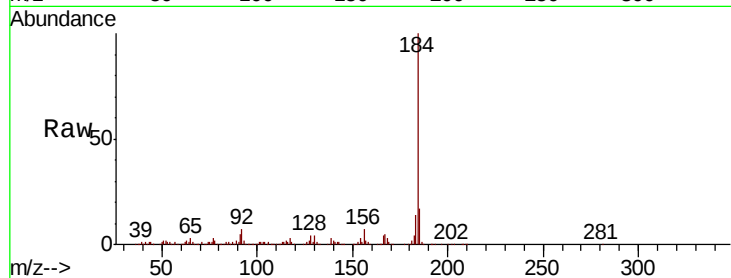
Tot Ion:184 Resp: 818121

Ion Ratio Lower Upper

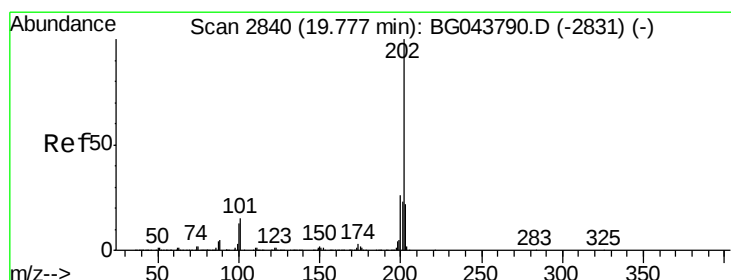
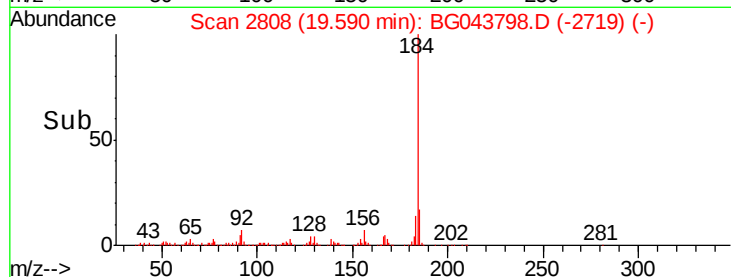
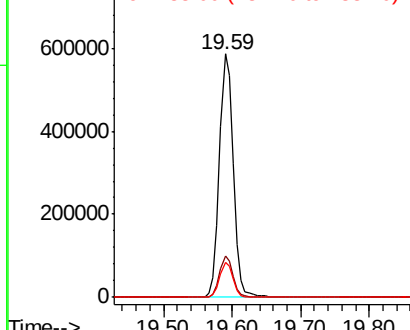
184 100

185 17.0 12.9 19.3

183 14.1 10.3 15.5



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: 39.634 ng

RT: 19.78 min Scan# 2840

Delta R.T. 0.00 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

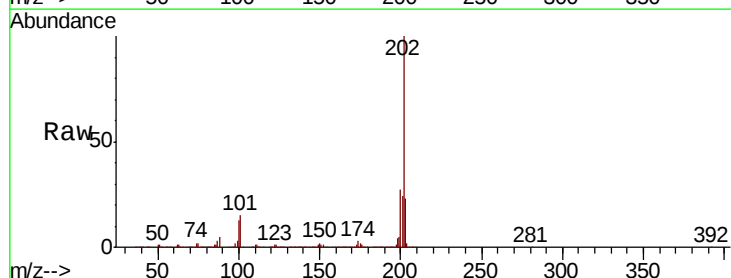
Tgt Ion:202 Resp: 1901628

Ion Ratio Lower Upper

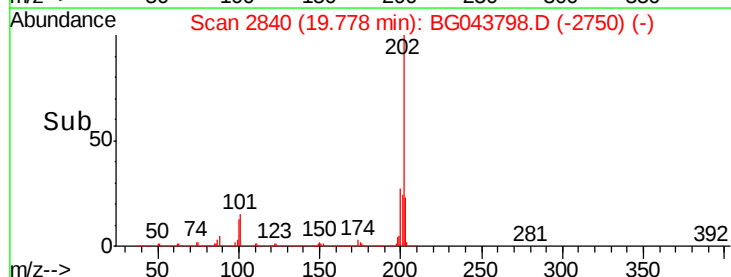
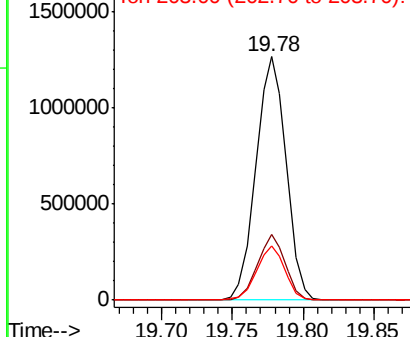
202 100

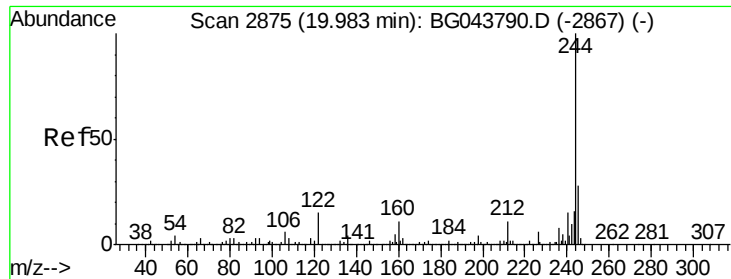
200 27.2 20.8 31.2

203 22.5 17.7 26.5



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: 81.178 ng

RT: 19.98 min Scan# 2875

Delta R.T. 0.00 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

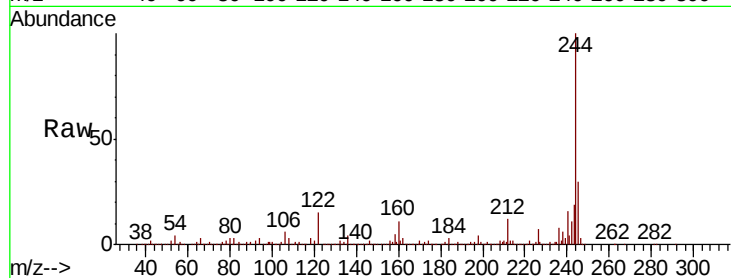
Tot Ion:244 Resp: 2477352

Ion Ratio Lower Upper

244 100

212 12.0 9.1 13.7

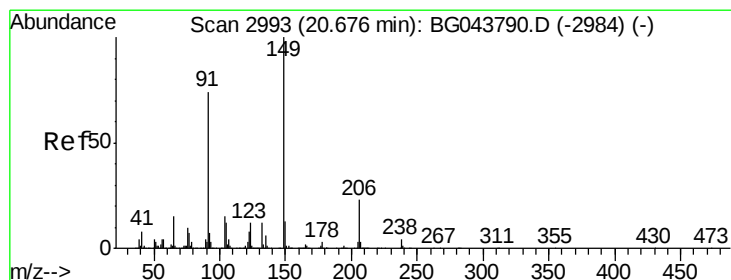
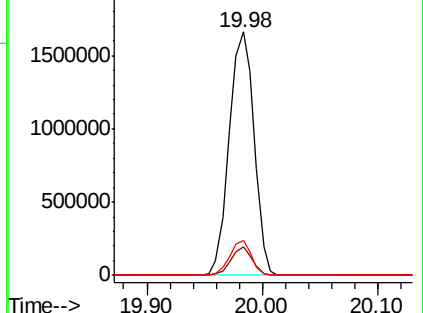
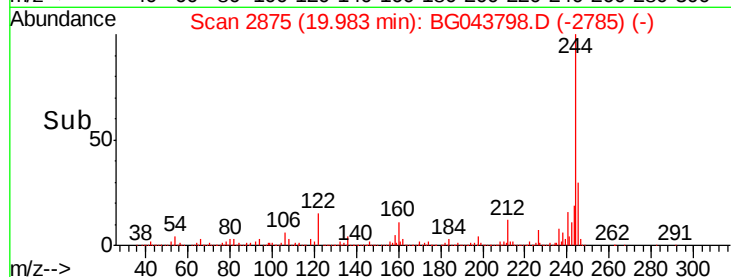
122 14.5 11.6 17.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.922 ng

RT: 20.68 min Scan# 2993

Delta R.T. 0.00 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

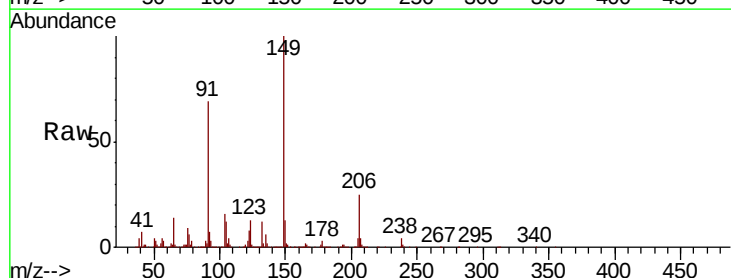
Tgt Ion:149 Resp: 837704

Ion Ratio Lower Upper

149 100

91 69.1 59.0 88.4

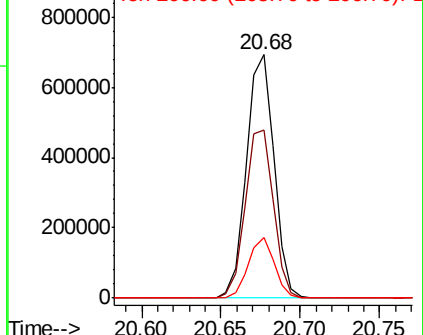
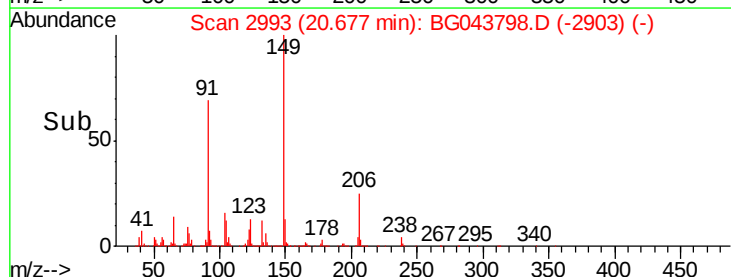
206 24.9 18.6 28.0

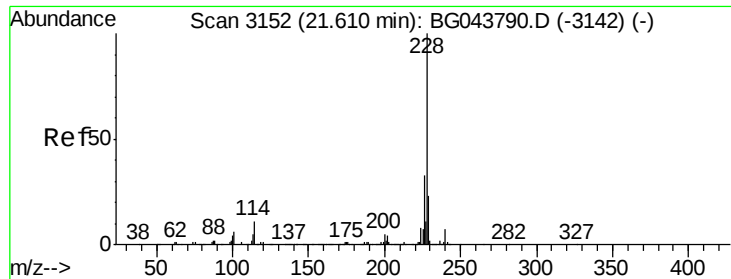


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

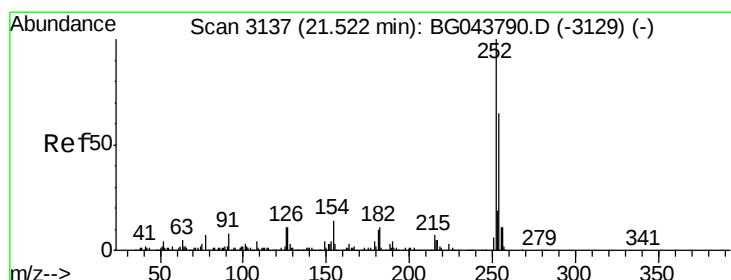
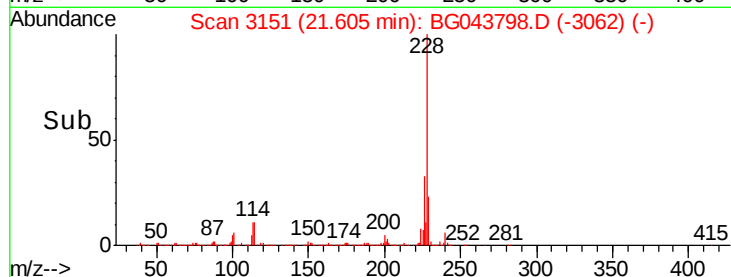
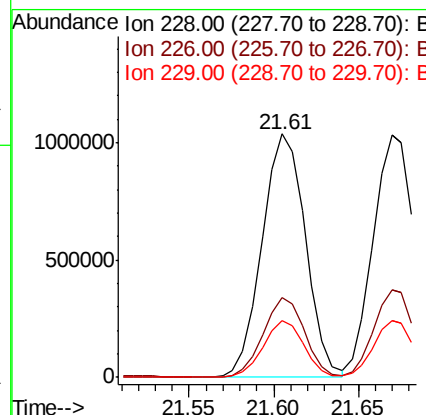
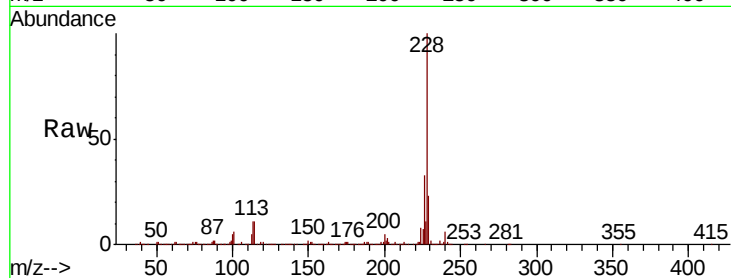




#81
Benzo(a)anthracene
Concen: 39.998 ng
RT: 21.61 min Scan# 3151
Delta R.T. -0.01 min
Lab File: BG043798.D
Acq: 11 Dec 2019 16:52

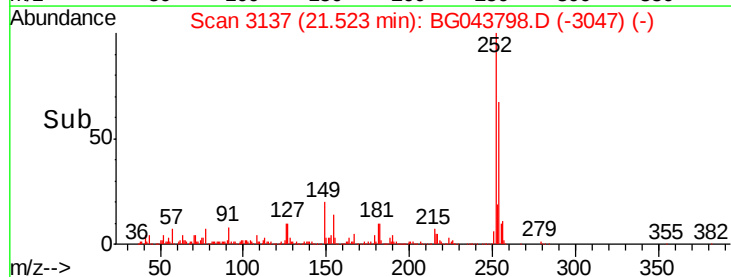
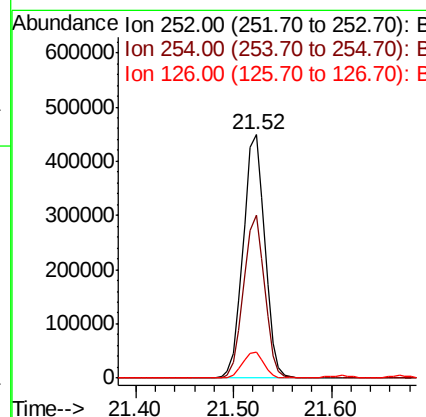
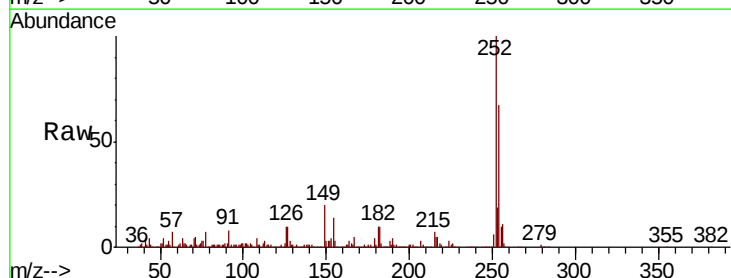
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

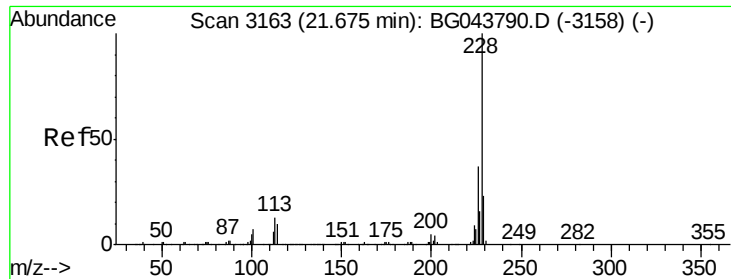
Tot Ion:228 Resp: 1853380
Ion Ratio Lower Upper
228 100
226 32.6 26.1 39.1
229 23.1 18.6 27.8



#82
3,3'-Dichlorobenzidine
Concen: 40.593 ng
RT: 21.52 min Scan# 3137
Delta R.T. 0.00 min
Lab File: BG043798.D
Acq: 11 Dec 2019 16:52

Tgt Ion:252 Resp: 694847
Ion Ratio Lower Upper
252 100
254 66.9 52.2 78.2
126 10.4 8.7 13.1

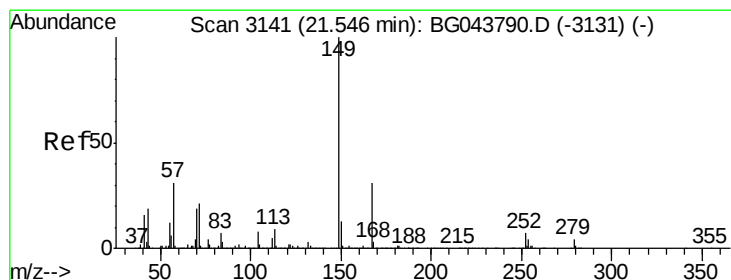
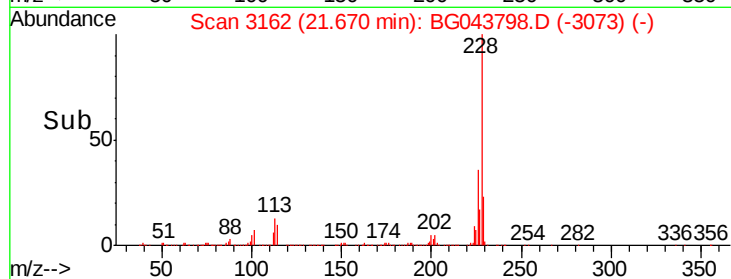
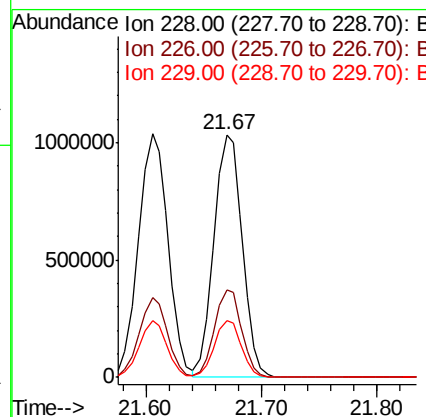
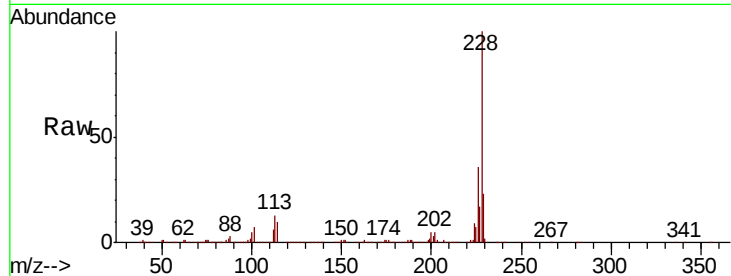




#83
 Chrvsene
 Concen: 39.840 ng
 RT: 21.67 min Scan# 3162
 Delta R.T. -0.01 min
 Lab File: BG043798.D
 Acq: 11 Dec 2019 16:52

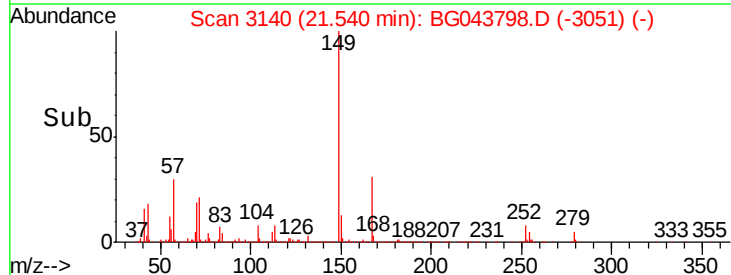
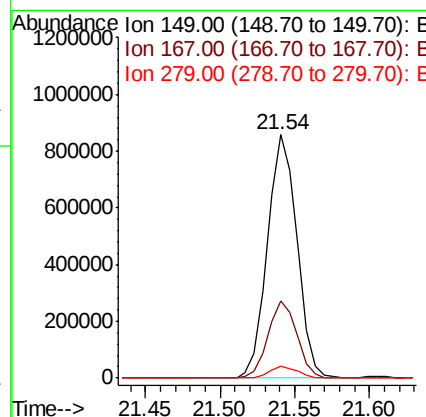
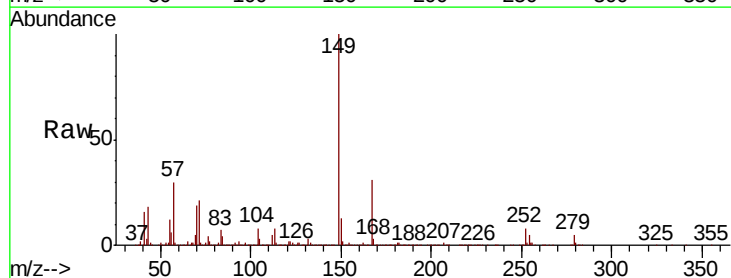
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

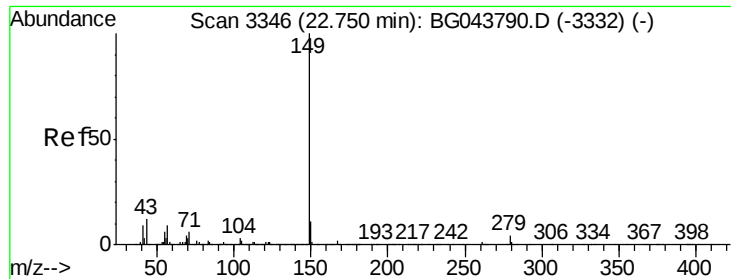
Tot Ion:228 Resp: 1758840
 Ion Ratio Lower Upper
 228 100
 226 36.1 29.1 43.7
 229 23.4 18.6 28.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.892 ng
 RT: 21.54 min Scan# 3140
 Delta R.T. -0.01 min
 Lab File: BG043798.D
 Acq: 11 Dec 2019 16:52

Tgt Ion:149 Resp: 1172068
 Ion Ratio Lower Upper
 149 100
 167 31.5 25.1 37.7
 279 4.7 3.5 5.3

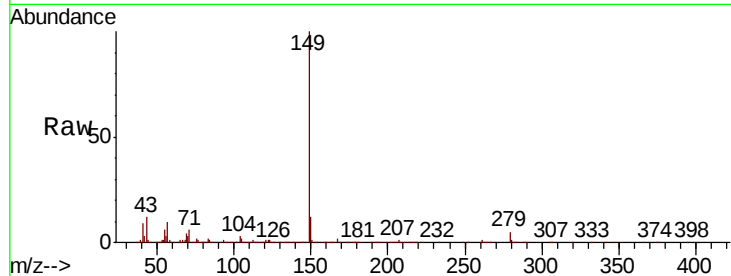




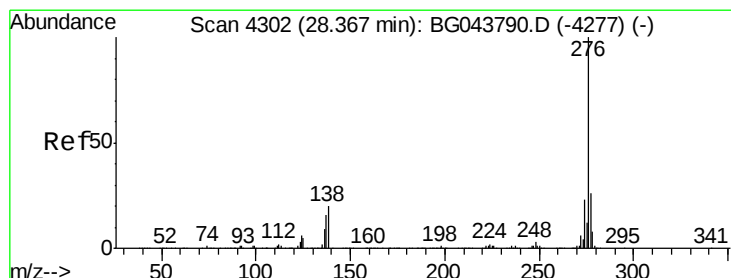
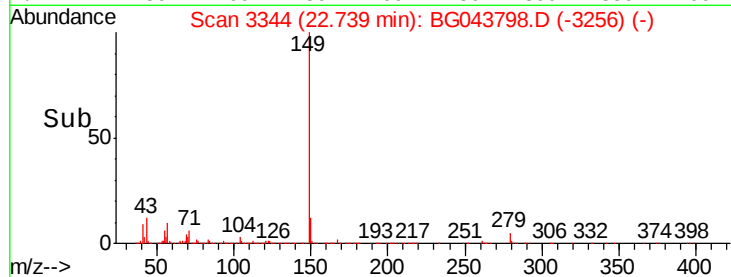
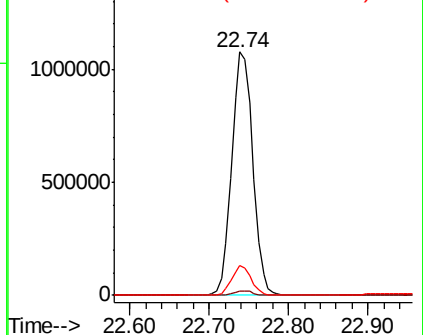
#85
Di-n-octyl phthalate
Concen: 42.208 ng
RT: 22.74 min Scan# 3344
Delta R.T. -0.01 min
Lab File: BG043798.D
Acq: 11 Dec 2019 16:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1977748
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.2
43 11.2 8.8 13.2

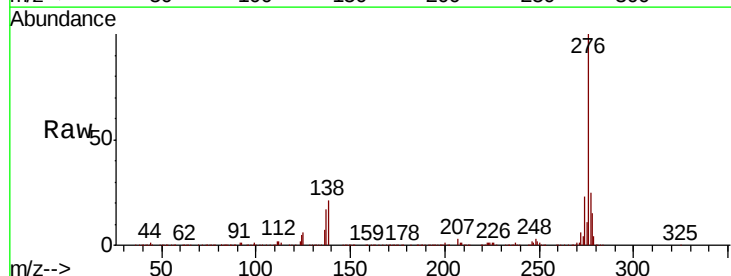


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

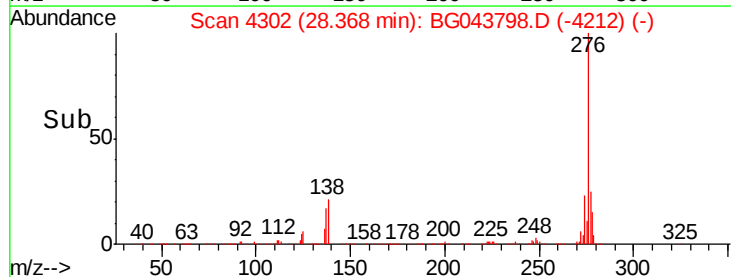
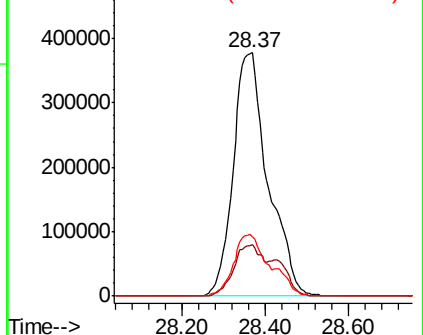


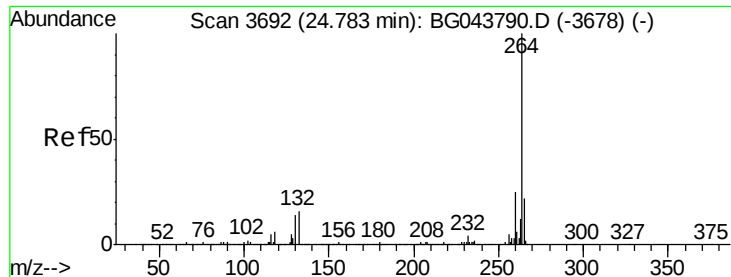
#86
Indeno(1,2,3-cd)pyrene
Concen: 38.795 ng
RT: 28.37 min Scan# 4302
Delta R.T. 0.00 min
Lab File: BG043798.D
Acq: 11 Dec 2019 16:52

Tgt Ion:276 Resp: 2192109
Ion Ratio Lower Upper
276 100
138 17.6 14.6 21.8
277 26.6 21.2 31.8



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



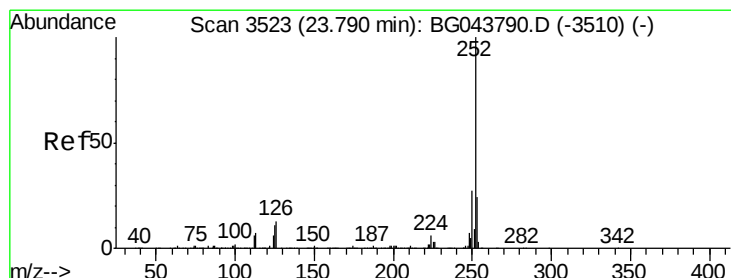
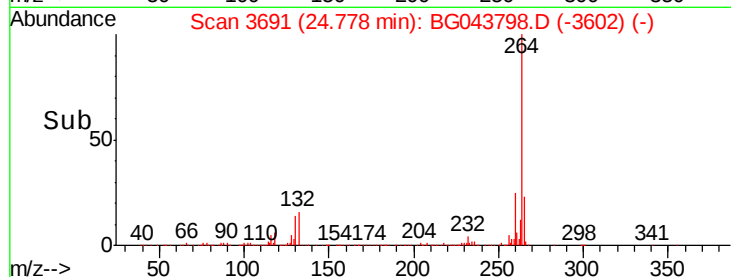
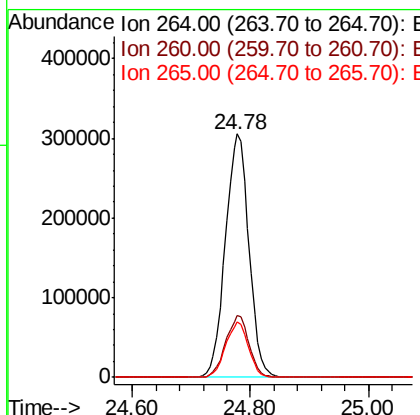
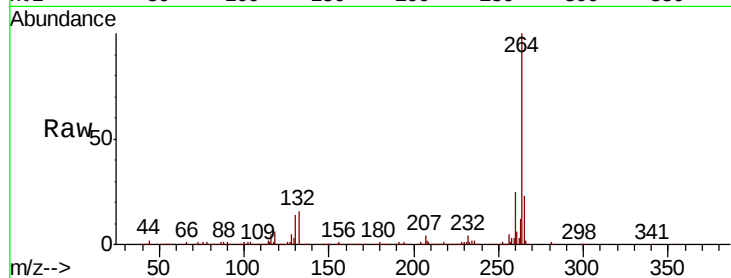


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BG043798.D
Acq: 11 Dec 2019 16:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 846686

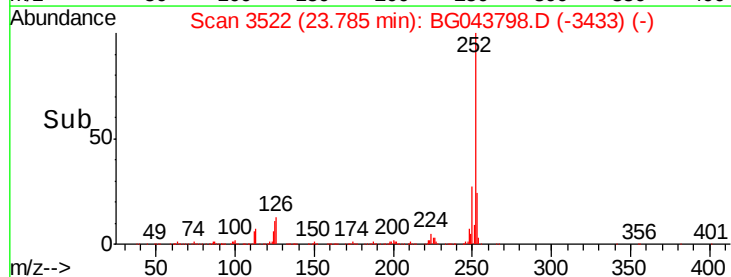
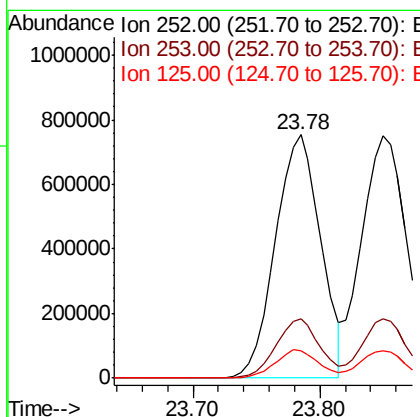
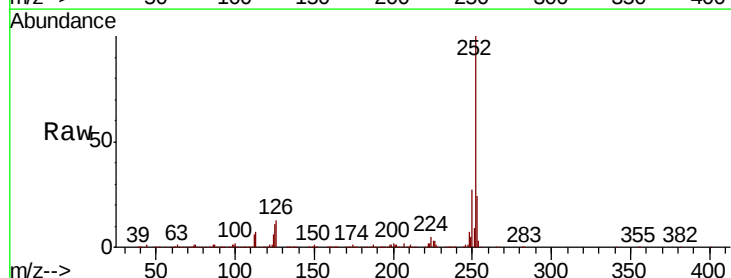
Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.8	29.8
265	22.9	17.9	26.9

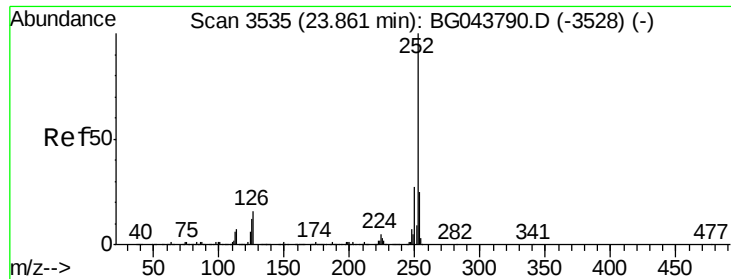


#88
Benzo(b)fluoranthene
Concen: 38.285 ng
RT: 23.78 min Scan# 3522
Delta R.T. -0.01 min
Lab File: BG043798.D
Acq: 11 Dec 2019 16:52

Tgt Ion:252 Resp: 1866345

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.5	29.3
125	11.2	9.0	13.4





#89

Benzo(k)fluoranthene

Concen: 39.241 ng

RT: 23.85 min Scan# 3533

Delta R.T. -0.01 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

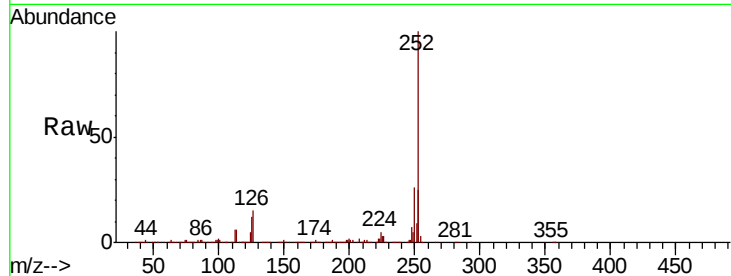
Tot Ion:252 Resp: 1847929

Ion Ratio Lower Upper

252 100

253 24.7 19.4 29.0

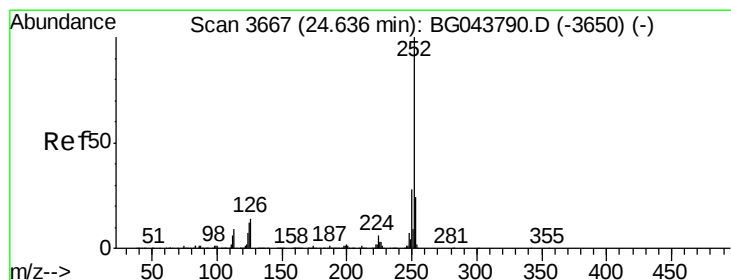
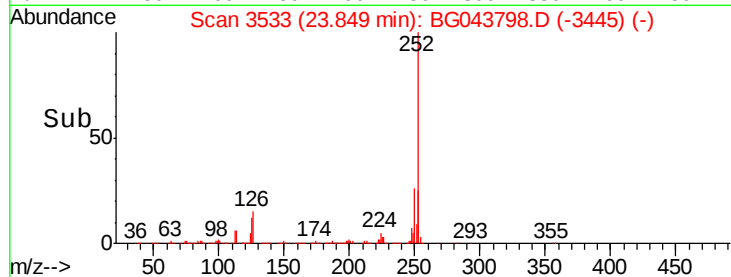
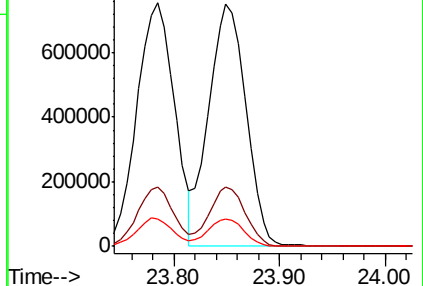
125 11.5 8.9 13.3



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



#90

Benzo(a)pyrene

Concen: 38.694 ng

RT: 24.63 min Scan# 3666

Delta R.T. -0.01 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

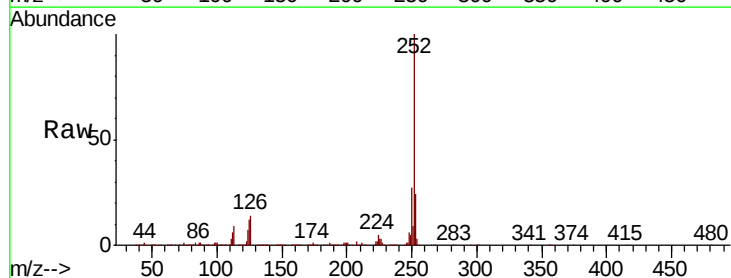
Tgt Ion:252 Resp: 1797639

Ion Ratio Lower Upper

252 100

253 24.0 19.1 28.7

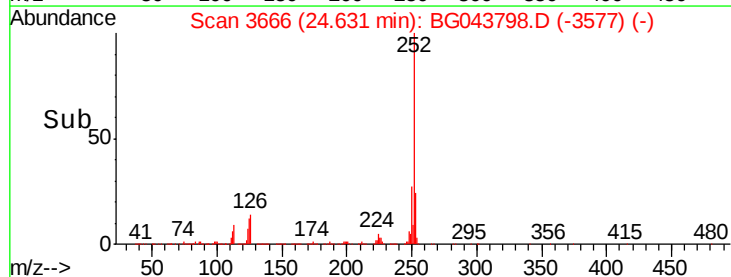
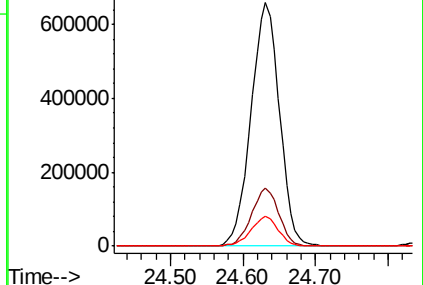
125 12.5 9.4 14.0

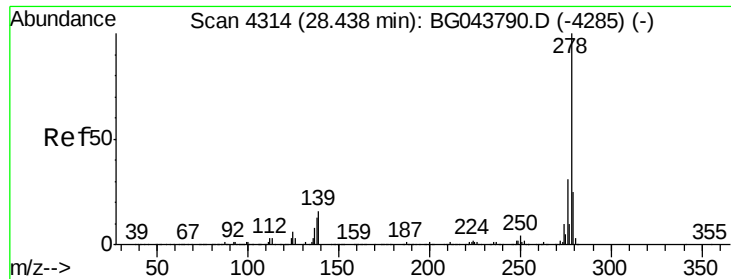


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 38.188 ng

RT: 28.43 min Scan# 4313

Delta R.T. -0.01 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

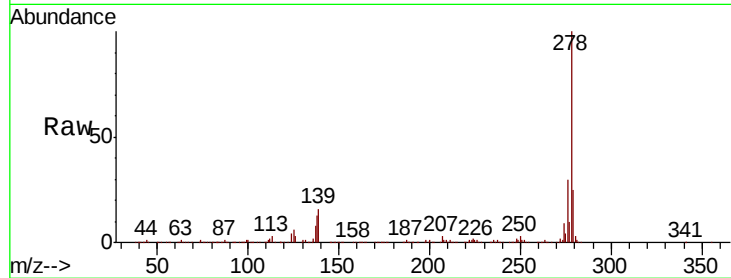
Tot Ion:278 Resp: 1772040

Ion Ratio Lower Upper

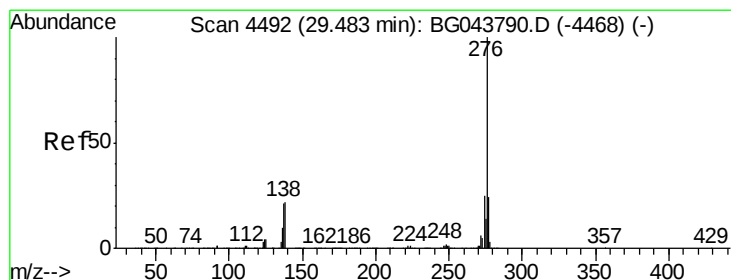
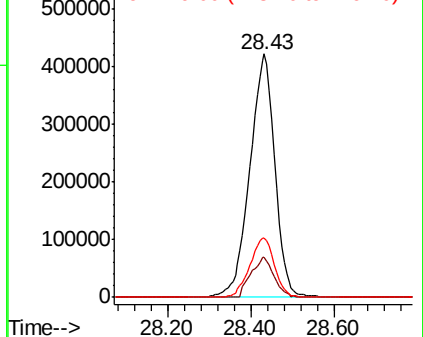
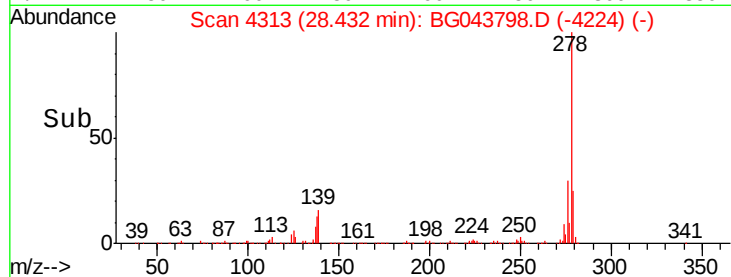
278 100

139 16.5 13.2 19.8

279 24.6 19.8 29.6



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: 38.301 ng

RT: 29.48 min Scan# 4491

Delta R.T. -0.01 min

Lab File: BG043798.D

Acq: 11 Dec 2019 16:52

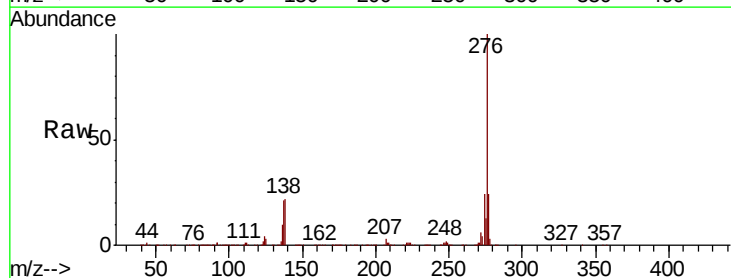
Tgt Ion:276 Resp: 1753867

Ion Ratio Lower Upper

276 100

277 23.7 19.3 28.9

138 22.0 17.6 26.4



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

