

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
 Data File : BG040345.D
 Acq On : 4 Apr 2019 4:35
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 04 05:11:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	71007	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	306381	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	193831	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	485462	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	511955	20.00	ng	-0.03
87) Perylene-d12	24.98	264	530974	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	369273	86.45	ng	-0.02
7) Phenol-d6	7.20	99	497406	84.26	ng	-0.02
23) Nitrobenzene-d5	9.23	82	467283	81.07	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	197760	94.40	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	1045576	79.93	ng	-0.02
79) Terphenyl-d14	20.02	244	1671072	73.43	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.50	88	85135	42.389	ng	98
3) Pyridine	3.90	79	234921	43.443	ng	97
4) n-Nitrosodimethylamine	3.83	42	105633	42.229	ng	# 91
6) Aniline	7.38	93	311250	40.584	ng	97
8) 2-Chlorophenol	7.61	128	210288	42.058	ng	97
9) Benzaldehyde	7.19	77	154745	38.217	ng	95
10) Phenol	7.23	94	271776	42.417	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	206645	40.267	ng	96
12) 1,3-Dichlorobenzene	7.93	146	228503	42.041	ng	97
13) 1,4-Dichlorobenzene	8.09	146	229768	42.444	ng	100
14) 1,2-Dichlorobenzene	8.40	146	215607	41.648	ng	99
15) Benzyl Alcohol	8.29	79	185170	38.950	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	387579	39.352	ng	99
17) 2-Methylphenol	8.48	107	179923	40.581	ng	96
18) Hexachloroethane	9.13	117	84980	41.269	ng	97
19) n-Nitroso-di-n-propylamine	8.85	70	164326	38.826	ng	96
20) 3+4-Methylphenols	8.81	107	246072	40.969	ng	98
22) Acetophenone	8.88	105	299291	39.161	ng	# 97
24) Nitrobenzene	9.27	77	241132	40.398	ng	98
25) Isophorone	9.78	82	467046	39.380	ng	99
26) 2-Nitrophenol	9.98	139	119726	42.331	ng	96
27) 2,4-Dimethylphenol	10.02	122	173512	38.622	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	283112	40.348	ng	98
29) 2,4-Dichlorophenol	10.51	162	206462	42.339	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	220650	41.209	ng	99
31) Naphthalene	10.91	128	640768	40.802	ng	100
32) Benzoic acid	10.17	122	105630	38.915	ng	93
33) 4-Chloroaniline	11.03	127	279056	41.658	ng	98
34) Hexachlorobutadiene	11.17	225	138225	40.365	ng	95
35) Caprolactam	11.83	113	84668	43.753	ng	88
36) 4-Chloro-3-methylphenol	12.14	107	236516	42.190	ng	96
37) 2-Methylnaphthalene	12.51	142	474308	40.837	ng	99
38) 1-Methylnaphthalene	12.73	142	465004	41.287	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	249065	40.428	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
 Data File : BG040345.D
 Acq On : 4 Apr 2019 4:35
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTDCCC040

Quant Time: Apr 04 05:11:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	139875	41.351	ng	99
43) 2,4,6-Trichlorophenol	13.11	196	168582	42.443	ng	94
44) 2,4,5-Trichlorophenol	13.19	196	184663	42.654	ng	99
46) 1,1'-Biphenyl	13.51	154	617394	40.313	ng	99
47) 2-Chloronaphthalene	13.56	162	472003	40.178	ng	100
48) 2-Nitroaniline	13.77	65	165149	41.677	ng	97
49) Acenaphthylene	14.41	152	813651	40.850	ng	99
50) Dimethylphthalate	14.13	163	626448	41.295	ng	99
51) 2,6-Dinitrotoluene	14.26	165	146411	42.984	ng	99
52) Acenaphthene	14.74	154	469517	41.138	ng	99
53) 3-Nitroaniline	14.60	138	159078	44.120	ng	98
54) 2,4-Dinitrophenol	14.80	184	112805	62.272	ng	92
55) Dibenzofuran	15.08	168	766509	41.795	ng	100
56) 4-Nitrophenol	14.90	139	129332	44.444	ng	96
57) 2,4-Dinitrotoluene	15.05	165	210961	44.573	ng	98
58) Fluorene	15.72	166	607611	42.140	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	182756	46.519	ng	97
60) Diethylphthalate	15.48	149	660133	42.525	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	320476	41.581	ng	99
62) 4-Nitroaniline	15.76	138	177069	45.762	ng	99
63) Azobenzene	16.01	77	609824	41.647	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	123233	45.183	ng	98
66) n-Nitrosodiphenylamine	15.93	169	568154	39.994	ng	97
67) 4-Bromophenyl-phenylether	16.60	248	220397	40.343	ng	99
68) Hexachlorobenzene	16.72	284	223926	40.766	ng	96
69) Atrazine	16.88	200	221689	41.951	ng	98
70) Pentachlorophenol	17.07	266	201655	63.500	ng	97
71) Phenanthrene	17.47	178	1037097	40.644	ng	99
72) Anthracene	17.56	178	1041430	40.776	ng	99
73) Carbazole	17.83	167	1025149	42.412	ng	98
74) Di-n-butylphthalate	18.36	149	1196818	41.772	ng	99
75) Fluoranthene	19.47	202	1290800	42.720	ng	98
77) Benzidine	19.66	184	959179	51.883	ng	99
78) Pyrene	19.84	202	1294510	38.451	ng	96
80) Butylbenzylphthalate	20.71	149	580530	40.297	ng	95
81) Benzo(a)anthracene	21.68	228	1278653	40.549	ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	505688	42.156	ng	100
83) Chrysene	21.75	228	1233784	40.711	ng	98
84) Bis(2-ethylhexyl)phthalate	21.55	149	840386	40.808	ng	100
85) Di-n-octyl phthalate	22.77	149	1422150	40.533	ng	99
86) Indeno(1,2,3-cd)pyrene	28.75	276	1541526	41.589	ng	100
88) Benzo(b)fluoranthene	23.93	252	1317620	40.532	ng	98
89) Benzo(k)fluoranthene	24.00	252	1231909	41.208	ng	98
90) Benzo(a)pyrene	24.82	252	1267477	41.555	ng	99
91) Dibenzo(a,h)anthracene	28.81	278	1218579	43.016	ng	99
92) Benzo(g,h,i)perylene	29.93	276	1250443	42.951	ng	97

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

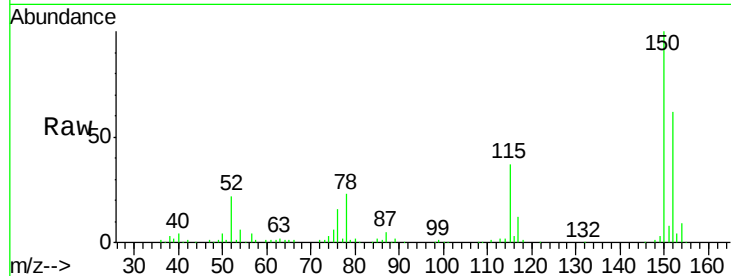


#1

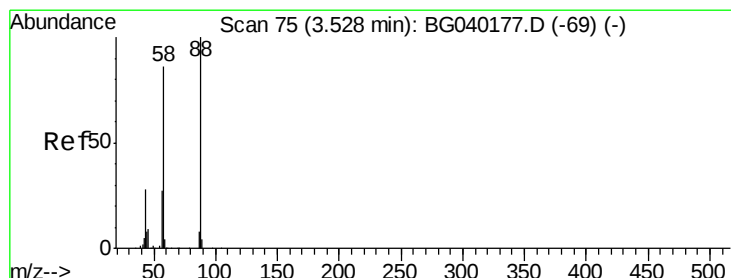
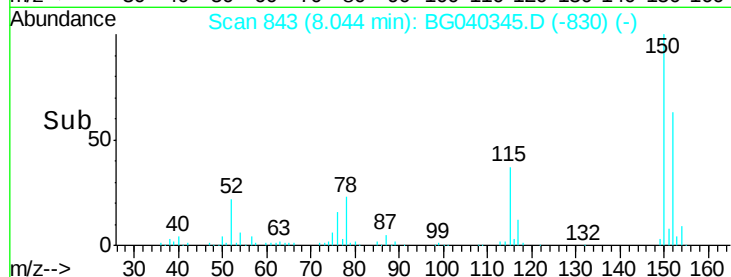
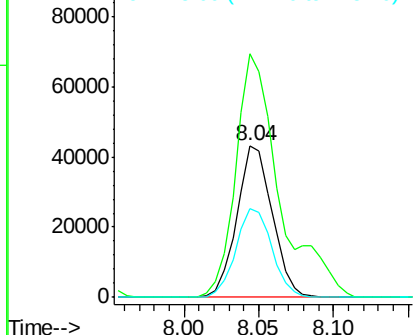
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040345.D
Acq: 4 Apr 2019 4:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 71007
Ion Ratio Lower Upper
152 100
150 160.2 123.7 185.5
115 58.7 46.9 70.3



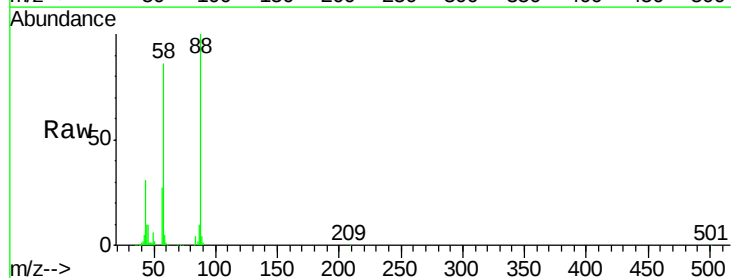
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



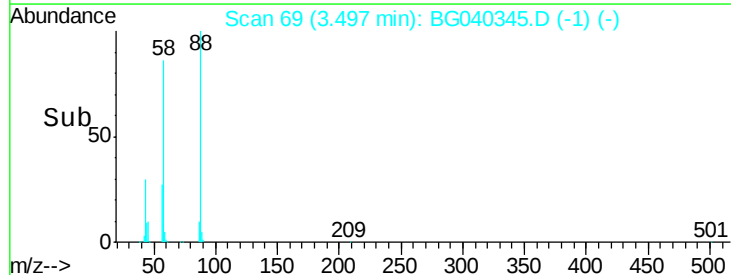
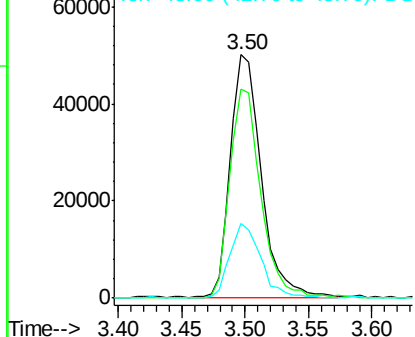
#2

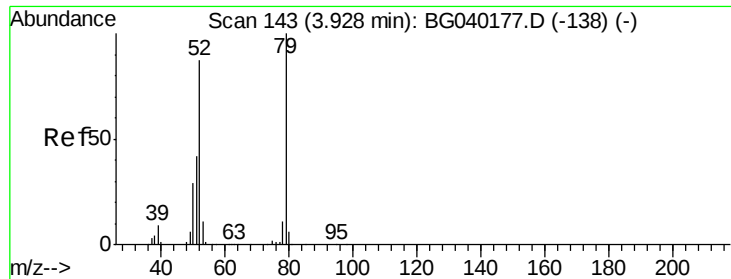
1,4-Dioxane
Concen: 42.389 ng
RT: 3.50 min Scan# 69
Delta R.T. -0.03 min
Lab File: BG040345.D
Acq: 4 Apr 2019 4:35

Tgt Ion: 88 Resp: 85135
Ion Ratio Lower Upper
88 100
58 86.1 70.6 106.0
43 30.7 24.8 37.2



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

Pyridine

Concen: 43.443 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

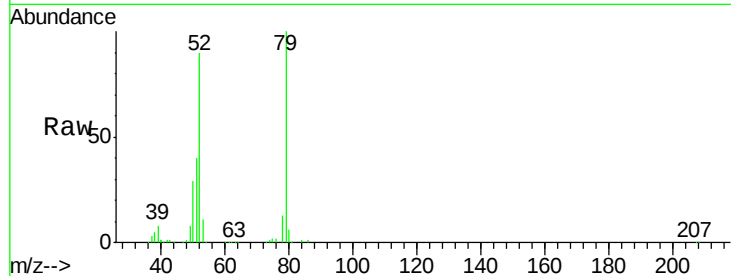
Tgt Ion: 79 Resp: 234921

Ion Ratio Lower Upper

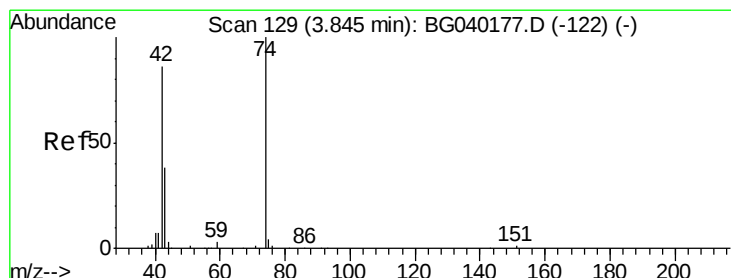
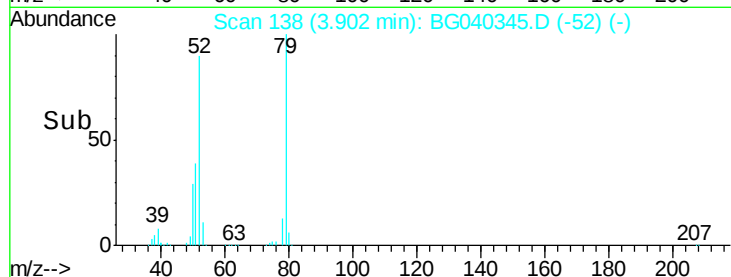
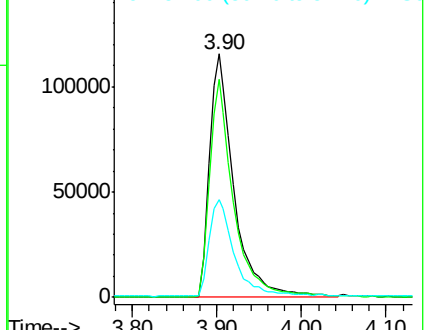
79 100

52 89.6 69.8 104.8

51 40.3 33.9 50.9



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 42.229 ng

RT: 3.83 min Scan# 125

Delta R.T. -0.02 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

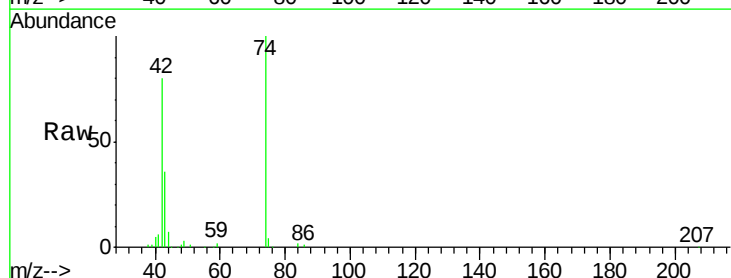
Tgt Ion: 42 Resp: 105633

Ion Ratio Lower Upper

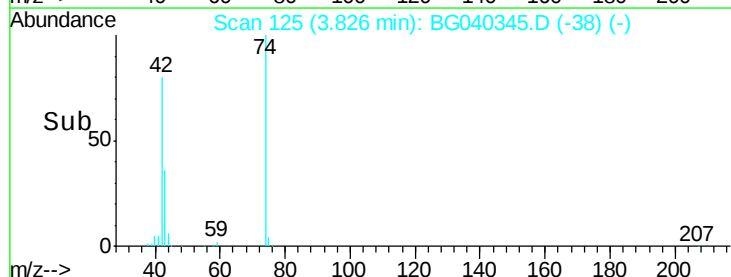
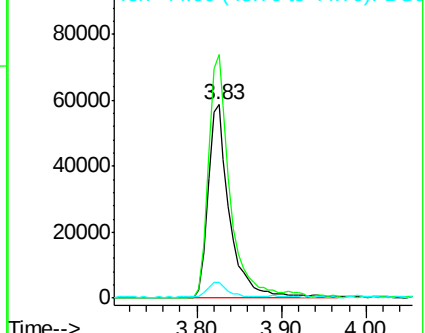
42 100

74 125.7 92.9 139.3

44 8.3 9.7 14.5#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 86.454 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.02 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

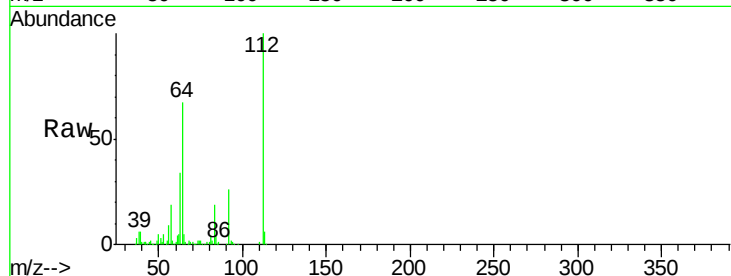
Tgt Ion: 112 Resp: 369273

Ion Ratio Lower Upper

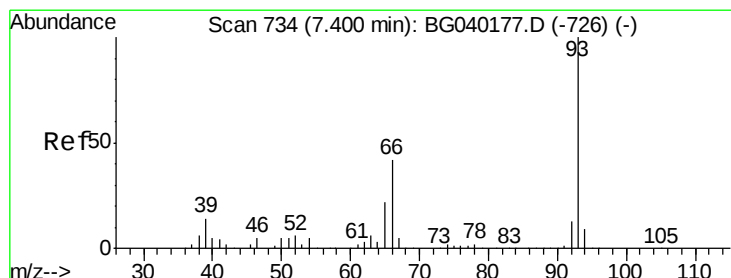
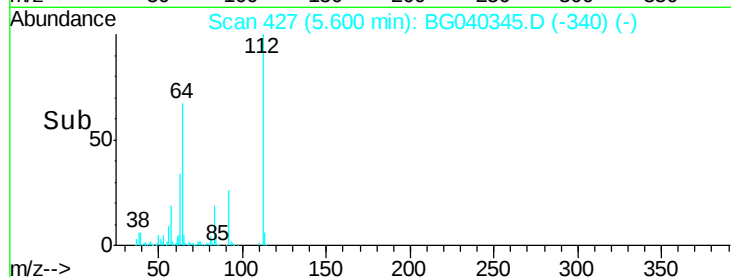
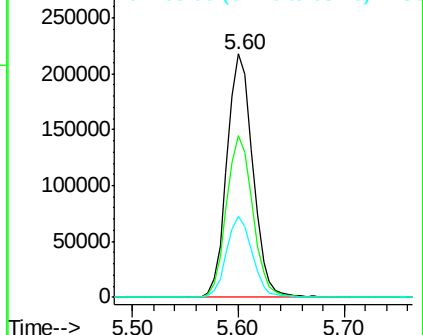
112 100

64 66.7 54.2 81.2

63 33.5 26.4 39.6



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: 40.584 ng

RT: 7.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

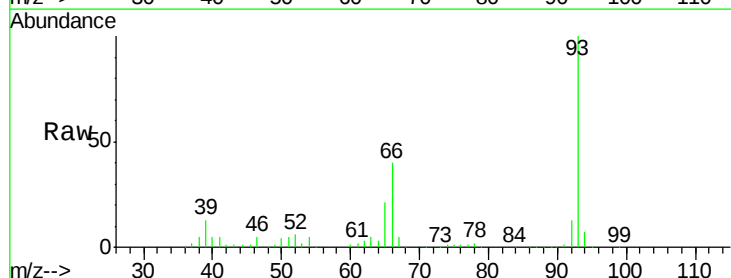
Tgt Ion: 93 Resp: 311250

Ion Ratio Lower Upper

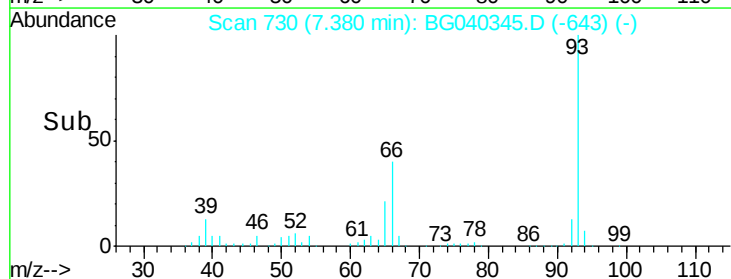
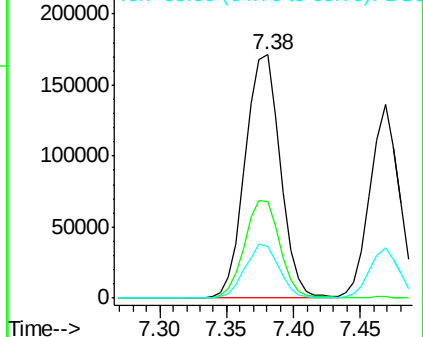
93 100

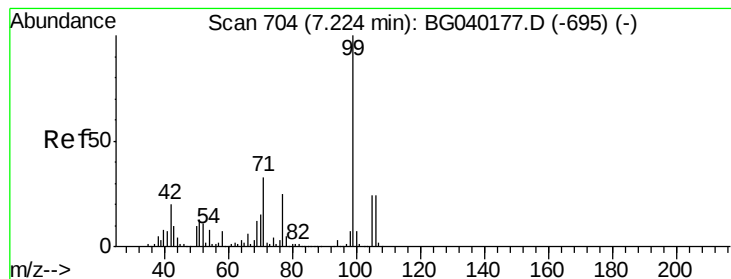
66 39.8 33.6 50.4

65 21.1 17.4 26.2



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: 84.263 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

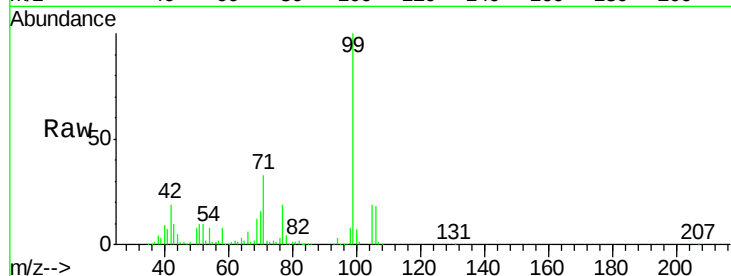
Tgt Ion: 99 Resp: 497406

Ion Ratio Lower Upper

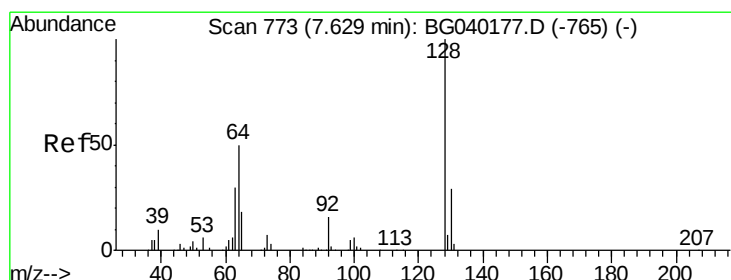
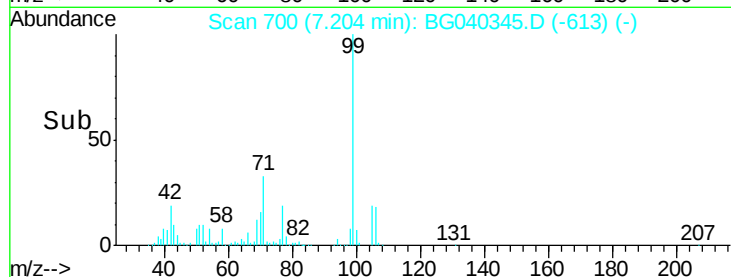
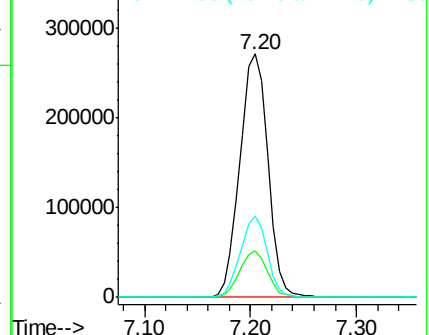
99 100

42 19.1 16.2 24.2

71 33.1 26.8 40.2



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: 42.058 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

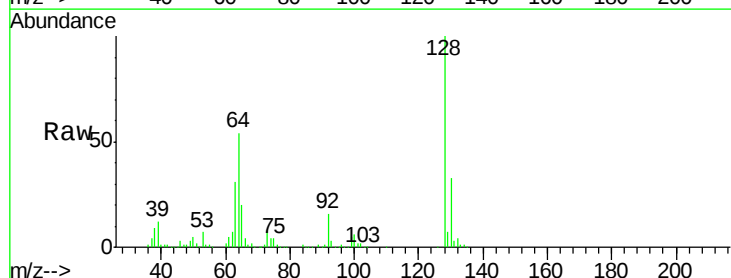
Tgt Ion: 128 Resp: 210288

Ion Ratio Lower Upper

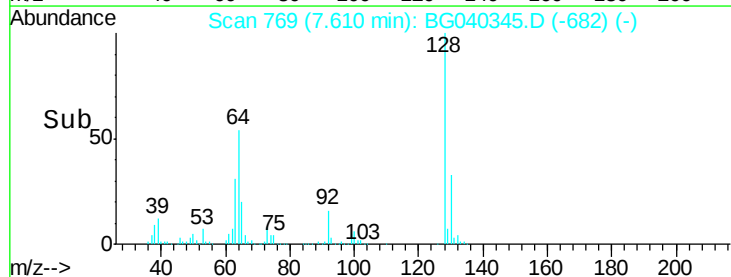
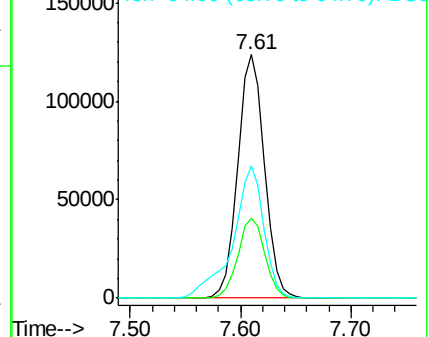
128 100

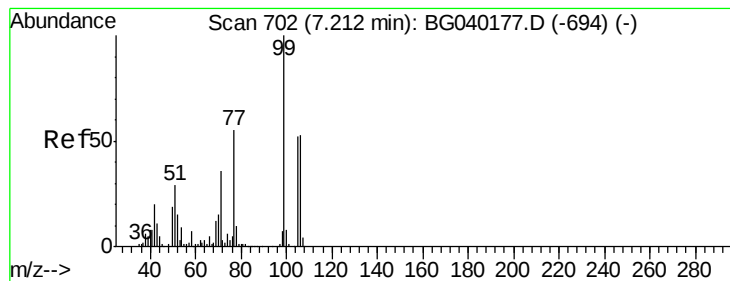
130 32.7 9.1 49.1

64 54.2 33.1 73.1



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: 38.217 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

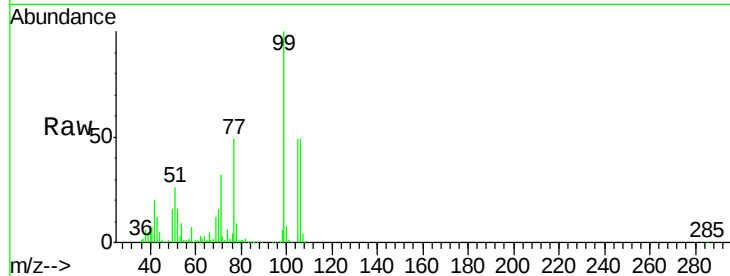
Tgt Ion: 77 Resp: 154745

Ion Ratio Lower Upper

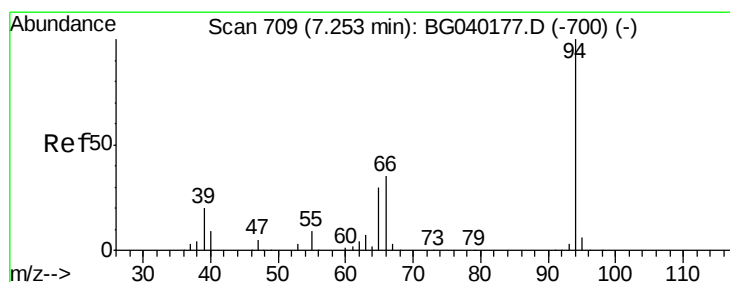
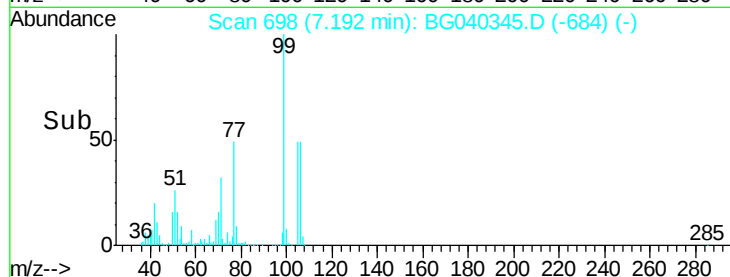
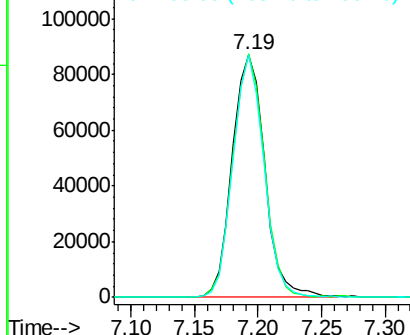
77 100

105 100.3 75.0 115.0

106 100.0 75.7 115.7



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: 42.417 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.03 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

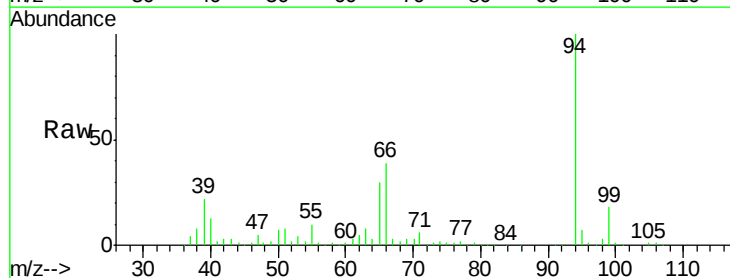
Tgt Ion: 94 Resp: 271776

Ion Ratio Lower Upper

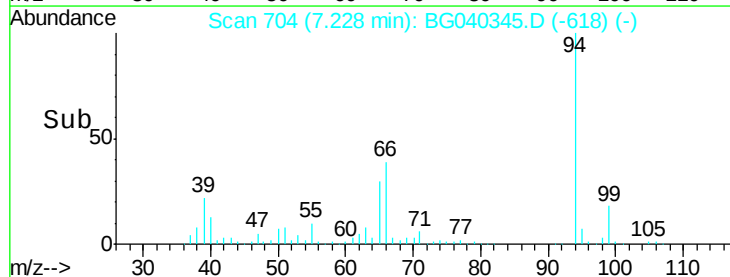
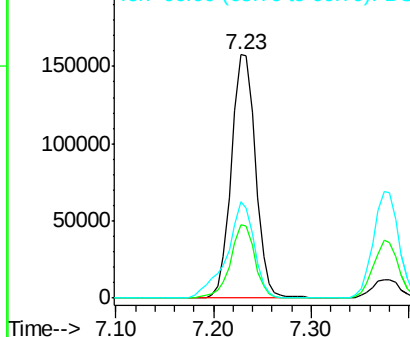
94 100

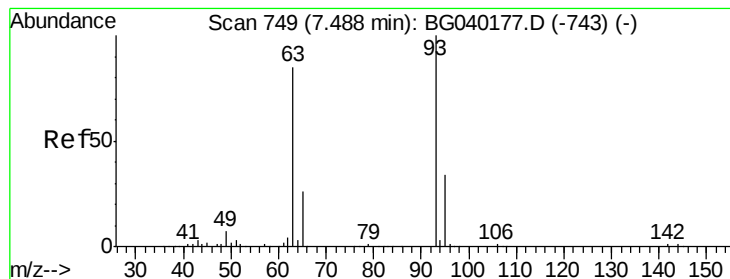
65 30.2 10.5 50.5

66 39.5 16.9 56.9



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: 40.267 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

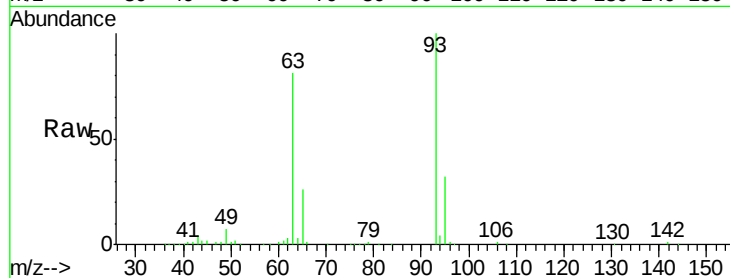
Tgt Ion: 93 Resp: 206645

Ion Ratio Lower Upper

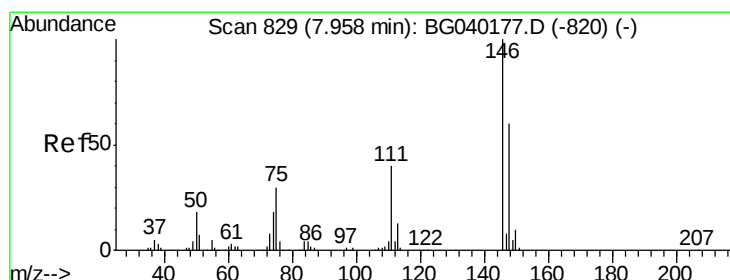
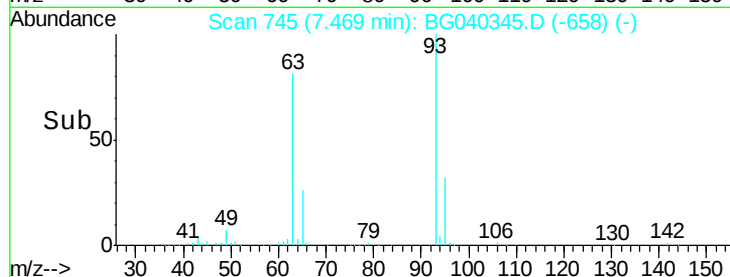
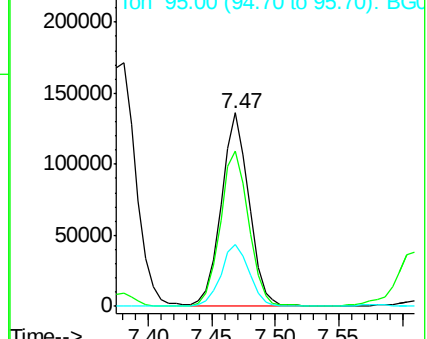
93 100

63 80.6 64.2 104.2

95 31.9 14.0 54.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 42.041 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.03 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

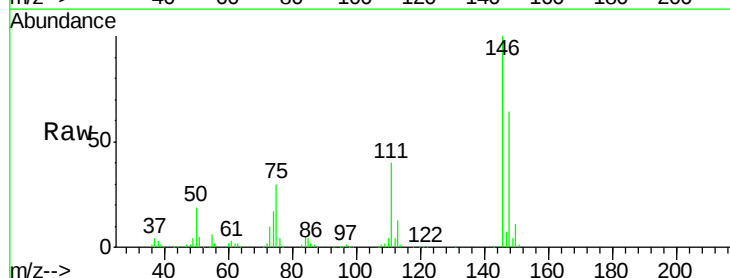
Tgt Ion: 146 Resp: 228503

Ion Ratio Lower Upper

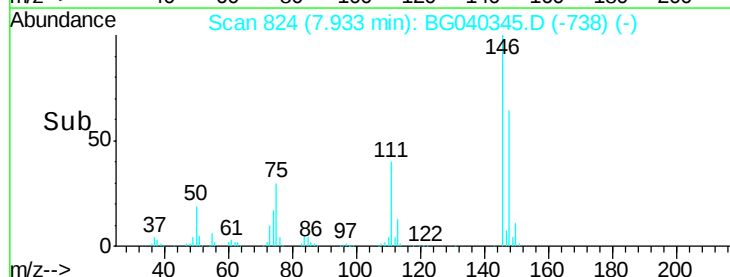
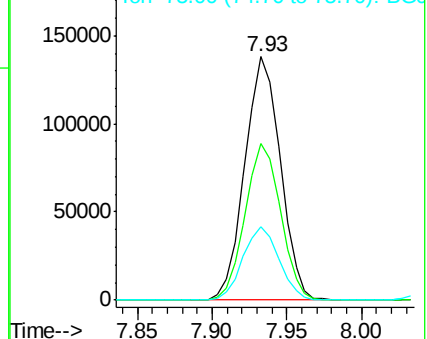
146 100

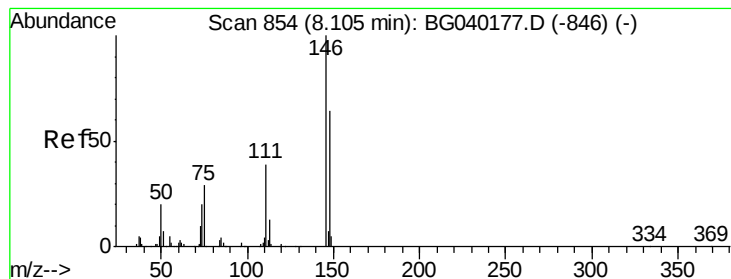
148 64.1 48.2 72.2

75 30.1 24.1 36.1



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 42.444 ng

RT: 8.09 min Scan# 850

Delta R.T. -0.02 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

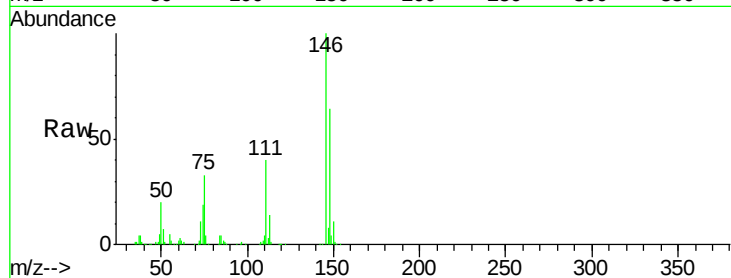
Tgt Ion:146 Resp: 229768

Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.4

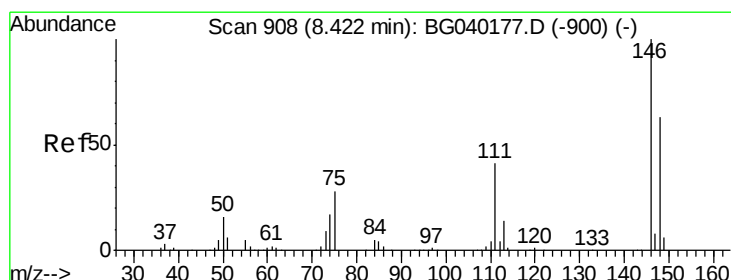
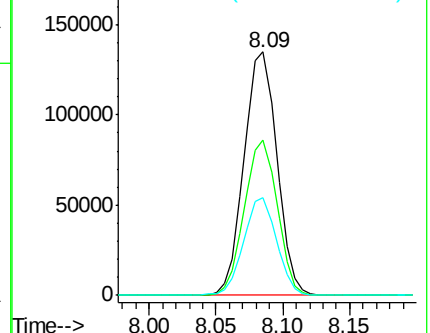
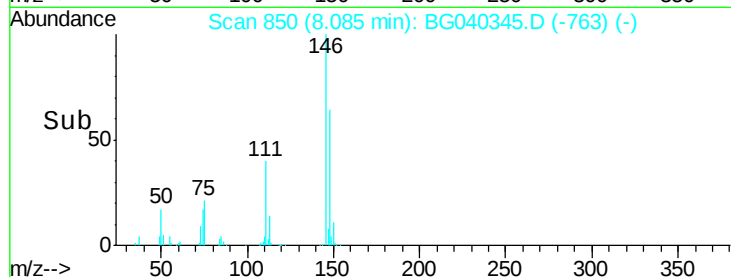
111 40.2 31.8 47.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.648 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.02 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

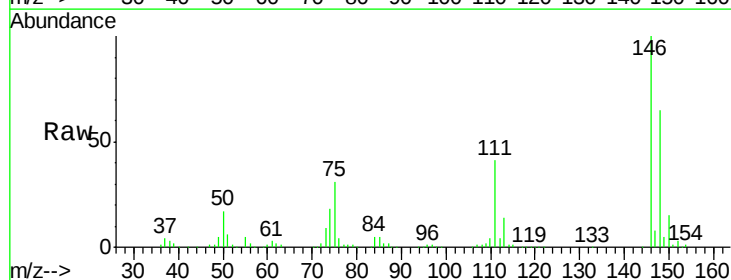
Tgt Ion:146 Resp: 215607

Ion Ratio Lower Upper

146 100

148 64.8 50.8 76.2

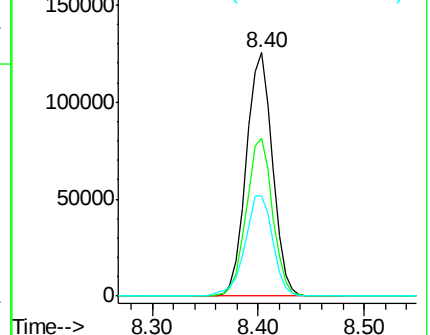
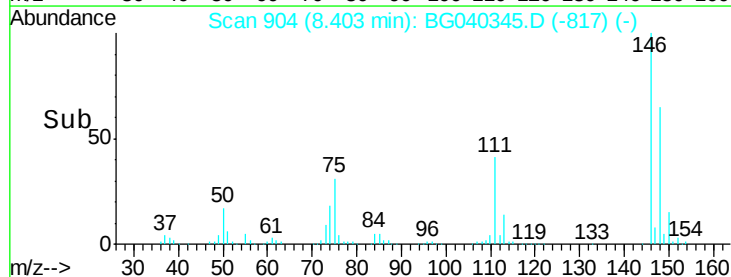
111 41.0 33.4 50.0



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: 38.950 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

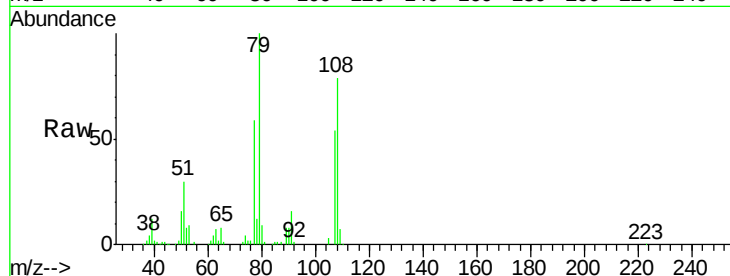
Tgt Ion: 79 Resp: 185170

Ion Ratio Lower Upper

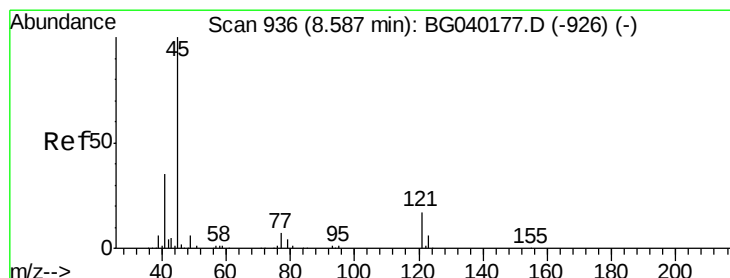
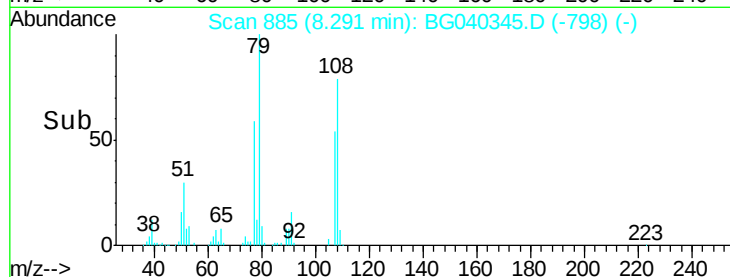
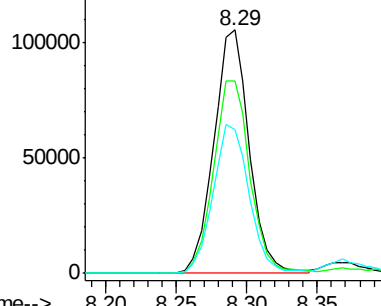
79 100

108 79.1 62.1 93.1

77 59.1 51.9 77.9



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: 39.352 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

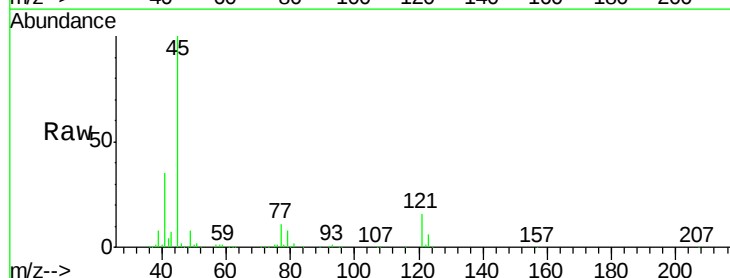
Tgt Ion: 45 Resp: 387579

Ion Ratio Lower Upper

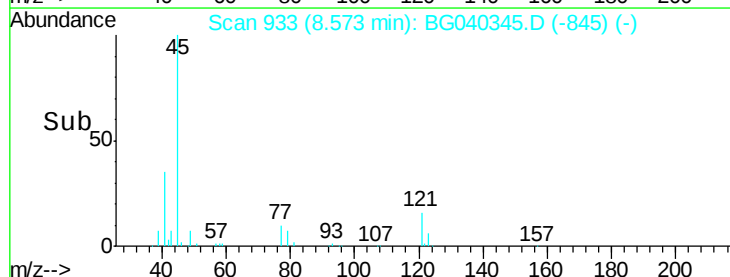
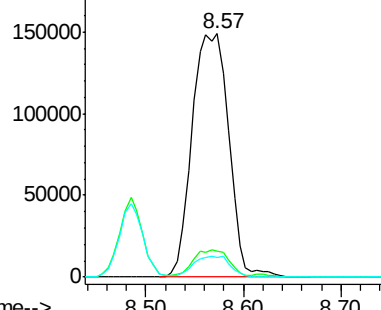
45 100

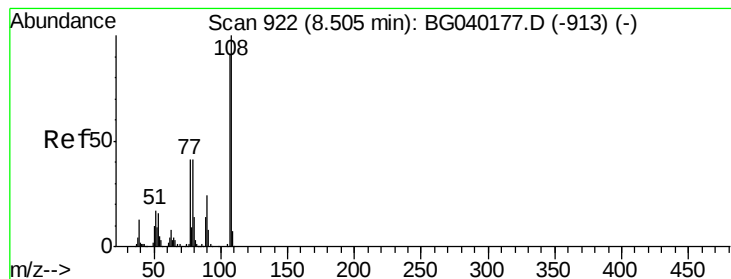
77 10.6 0.0 31.4

79 8.2 0.0 28.3



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

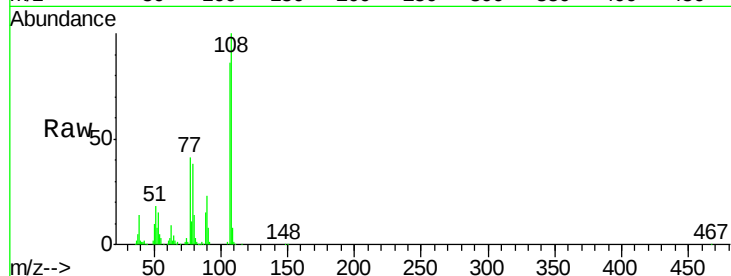




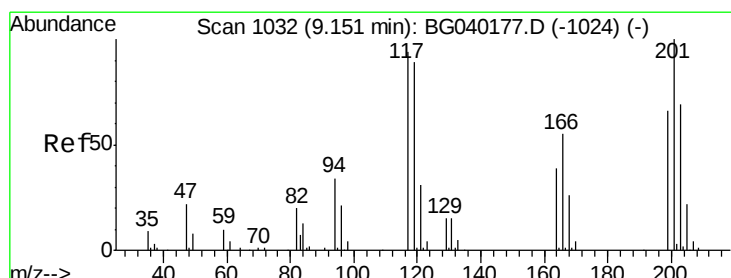
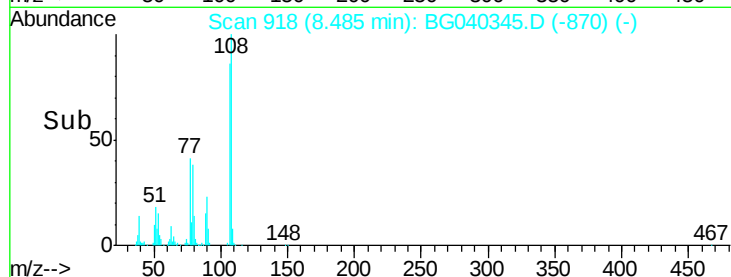
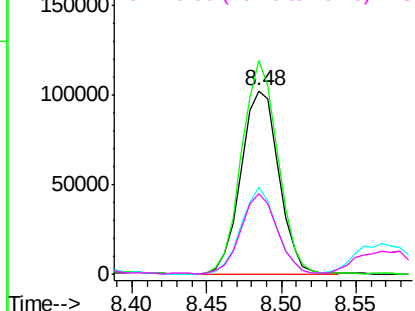
#17
2-Methylphenol
Concen: 40.581 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.02 min
Lab File: BG040345.D
Acq: 4 Apr 2019 4:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:	107	Resp:	179923
Ion	Ratio	Lower	Upper
107	100		
108	116.6	88.2	132.4
77	47.5	36.6	55.0
79	44.2	36.5	54.7

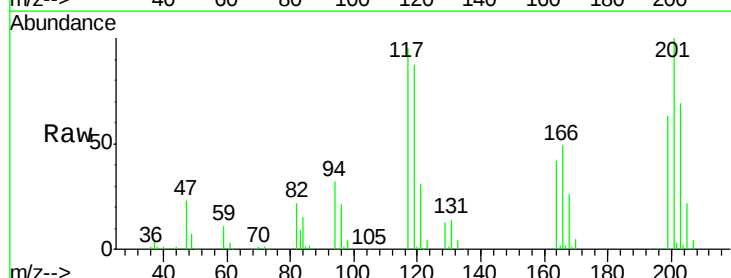


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

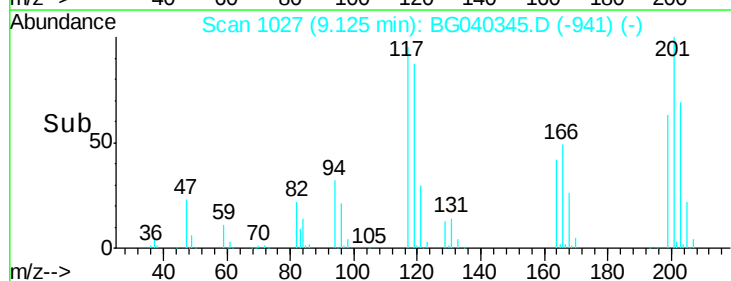
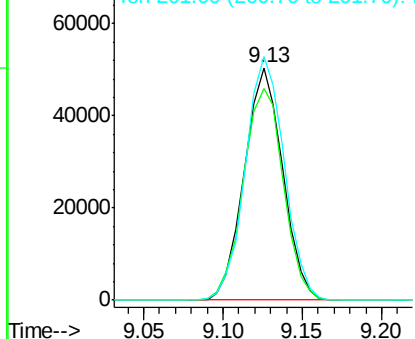


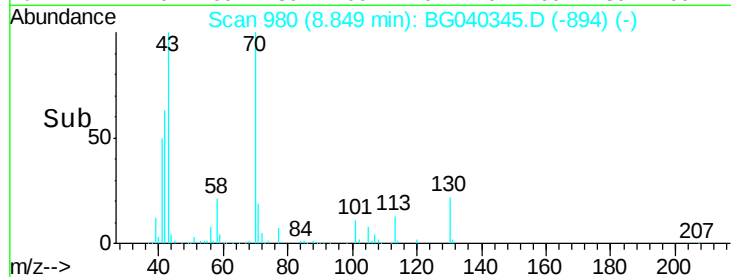
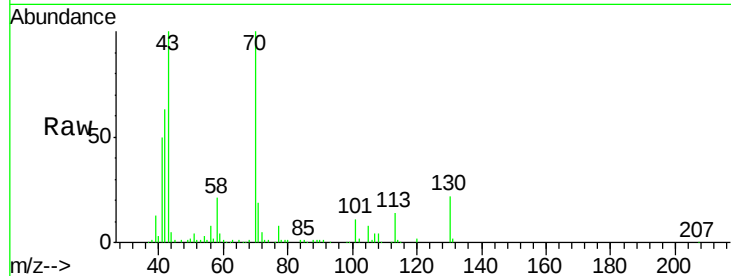
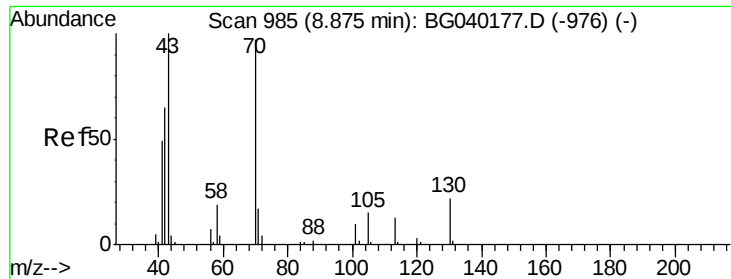
#18
Hexachloroethane
Concen: 41.269 ng
RT: 9.13 min Scan# 1027
Delta R.T. -0.03 min
Lab File: BG040345.D
Acq: 4 Apr 2019 4:35

Tgt Ion:	117	Resp:	84980
Ion	Ratio	Lower	Upper
117	100		
119	91.1	76.6	115.0
201	104.8	85.0	127.4



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

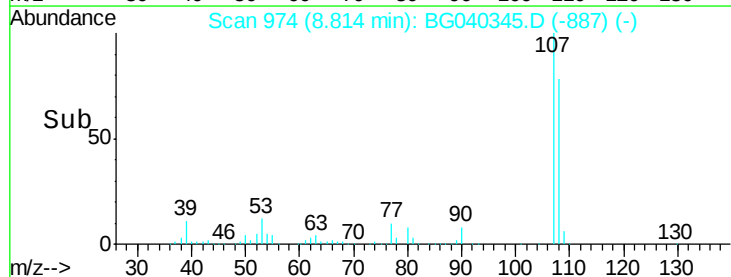
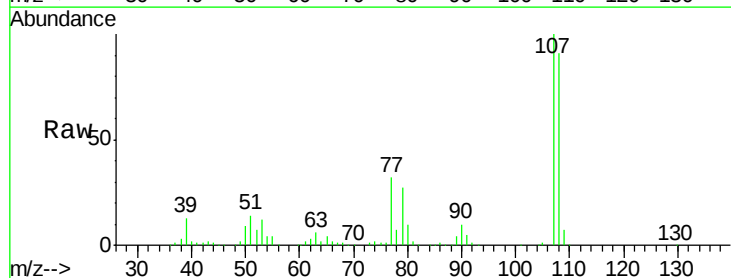
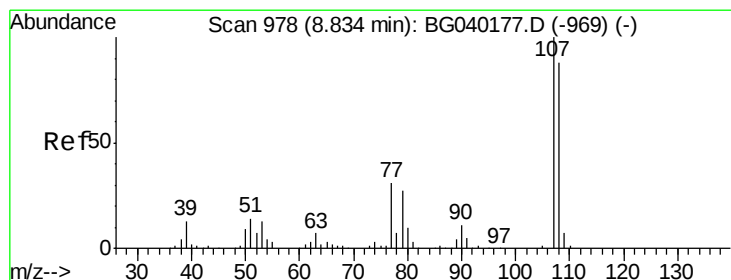
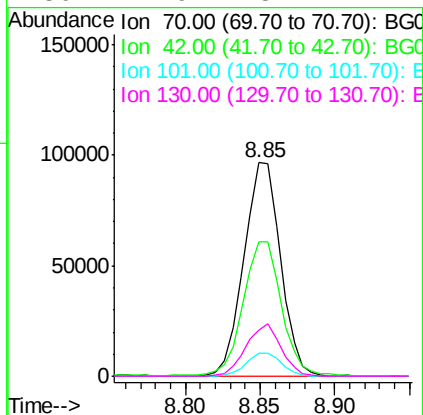




#19
n-Nitroso-di-n-propylamine
Concen: 38.826 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.03 min
Lab File: BG040345.D
Acq: 4 Apr 2019 4:35

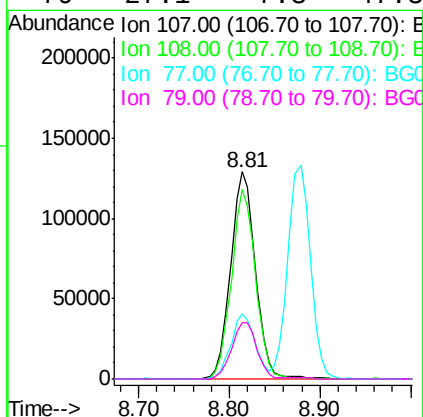
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

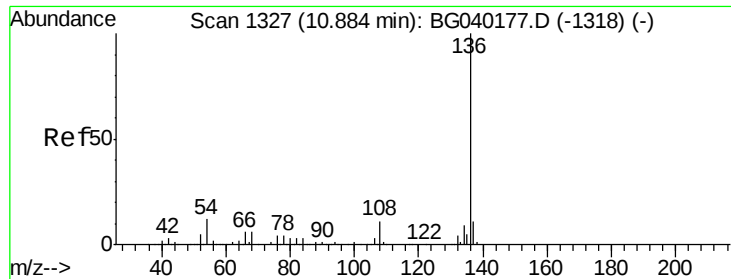
Tgt Ion: 70 Resp: 164326
Ion Ratio Lower Upper
70 100
42 63.1 54.0 81.0
101 10.7 8.6 13.0
130 21.9 18.2 27.2



#20
3+4-Methylphenols
Concen: 40.969 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.02 min
Lab File: BG040345.D
Acq: 4 Apr 2019 4:35

Tgt Ion: 107 Resp: 246072
Ion Ratio Lower Upper
107 100
108 91.3 68.3 108.3
77 31.7 11.3 51.3
79 27.1 7.3 47.3

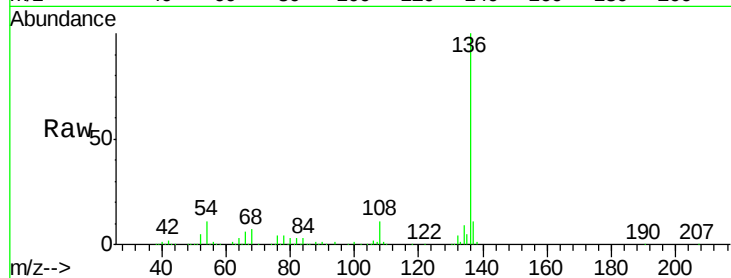




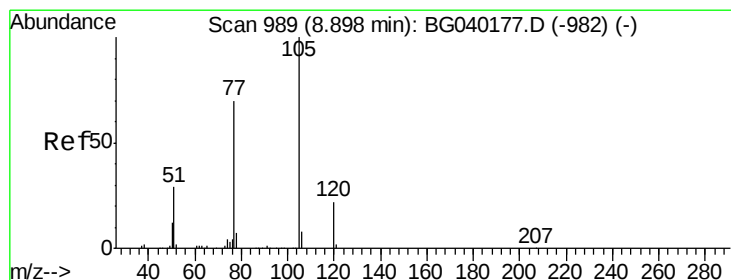
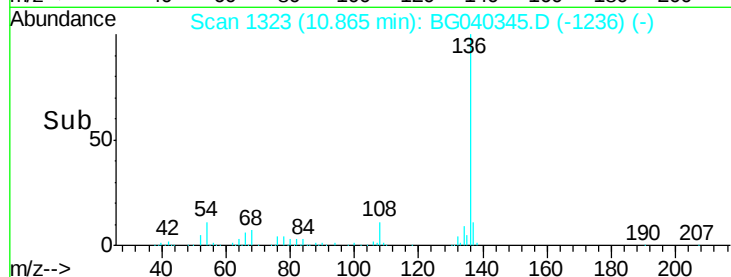
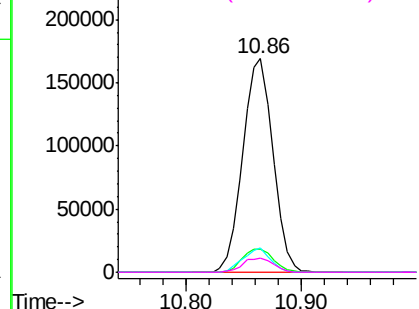
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040345.D
Acq: 4 Apr 2019 4:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	306381
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	11.4	9.6	14.4
68	6.5	5.1	7.7

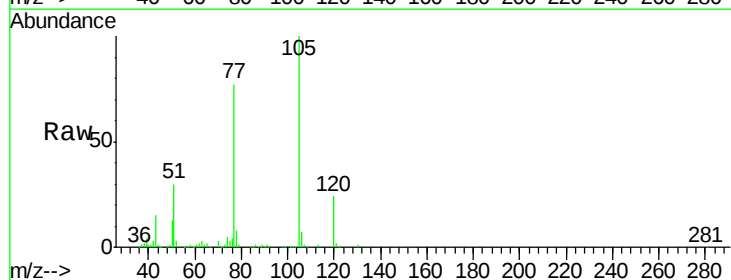


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

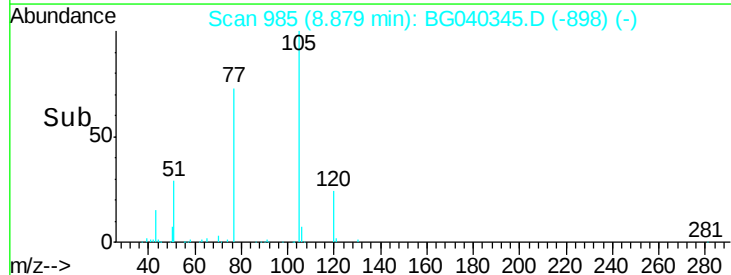
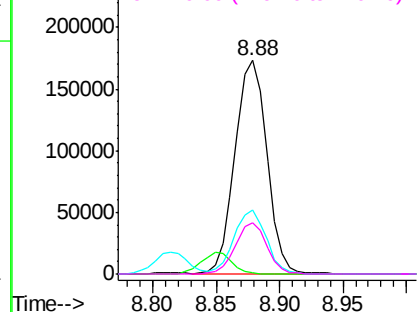


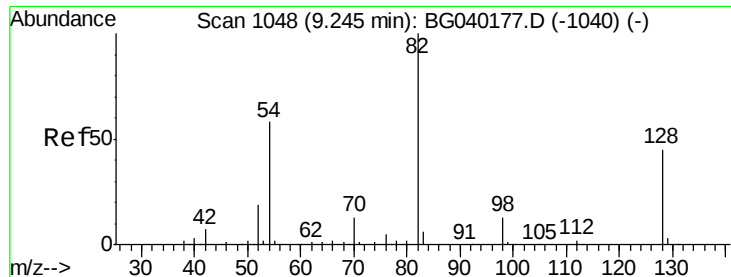
#22
Acetophenone
Concen: 39.161 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG040345.D
Acq: 4 Apr 2019 4:35

Tgt Ion:	105	Resp:	299291
Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.6	1.0#
51	30.2	25.1	37.7
120	24.0	17.6	26.4



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

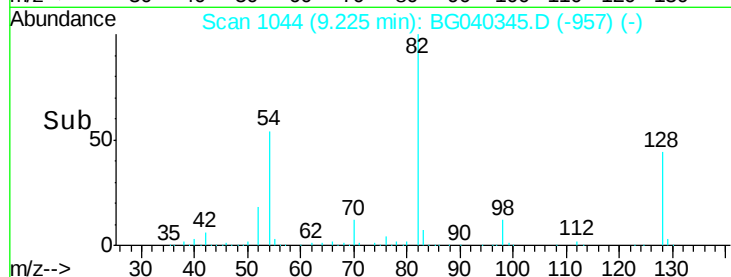
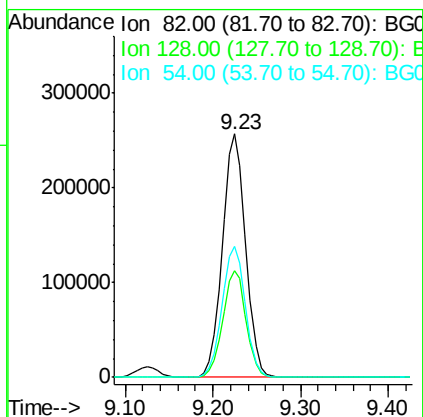
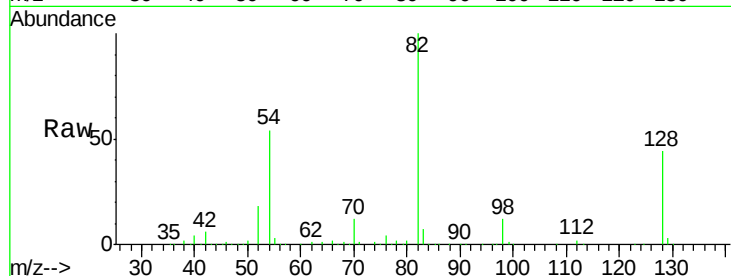




#23
 Nitrobenzene-d5
 Concen: 81.068 ng
 RT: 9.23 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040345.D
 Acq: 4 Apr 2019 4:35

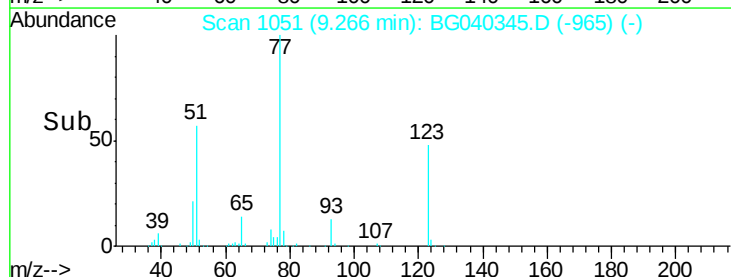
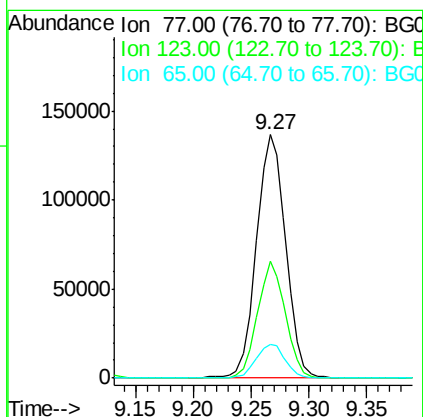
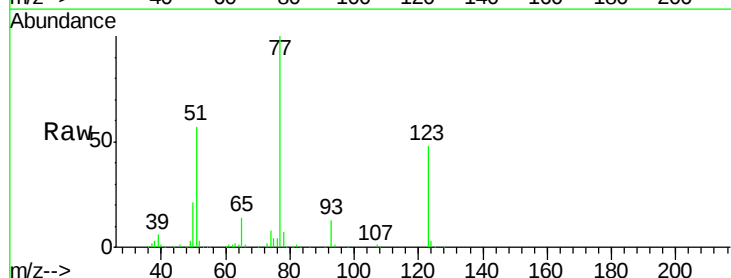
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

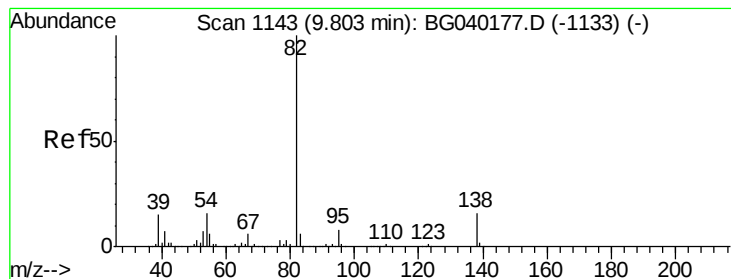
Tgt Ion: 82 Resp: 467283
 Ion Ratio Lower Upper
 82 100
 128 43.9 35.8 53.8
 54 54.0 46.2 69.2



#24
 Nitrobenzene
 Concen: 40.398 ng
 RT: 9.27 min Scan# 1051
 Delta R.T. -0.03 min
 Lab File: BG040345.D
 Acq: 4 Apr 2019 4:35

Tgt Ion: 77 Resp: 241132
 Ion Ratio Lower Upper
 77 100
 123 48.2 37.8 56.6
 65 13.9 12.0 18.0





#25

Isophorone

Concen: 39.380 ng

RT: 9.78 min Scan# 1138

Delta R.T. -0.03 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

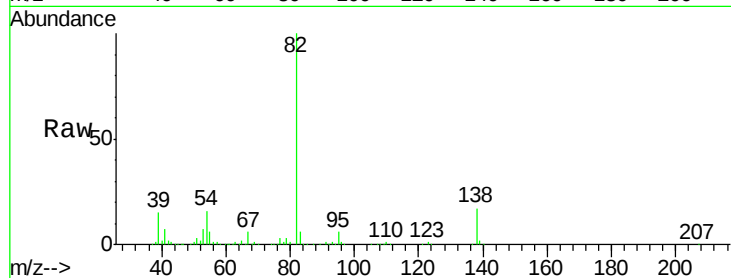
Tgt Ion: 82 Resp: 467046

Ion Ratio Lower Upper

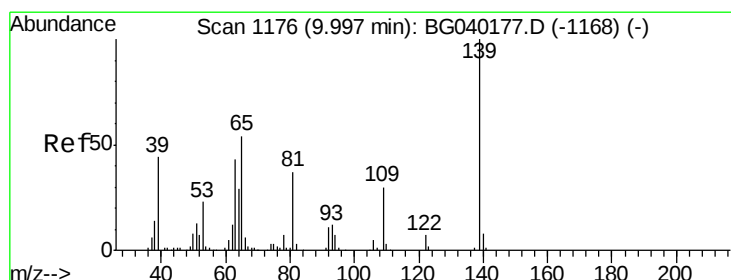
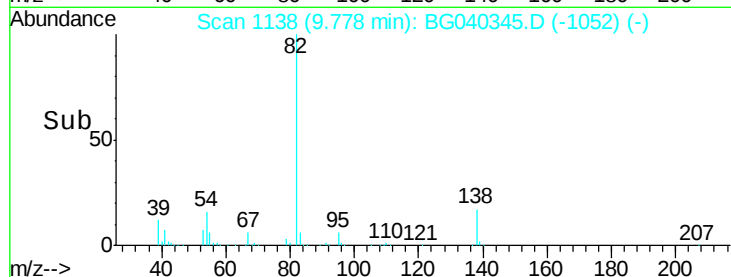
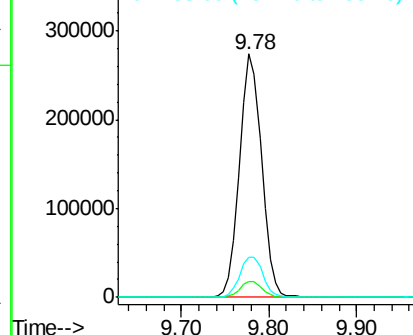
82 100

95 6.4 6.1 9.1

138 16.7 13.2 19.8



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: 42.331 ng

RT: 9.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

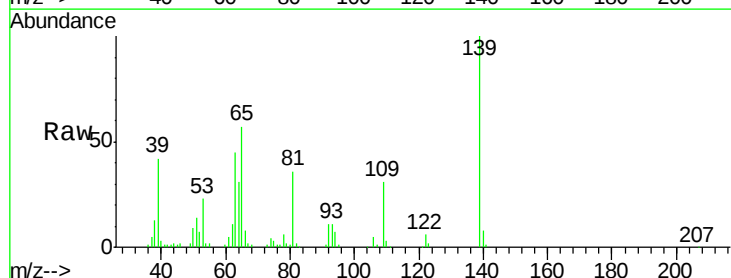
Tgt Ion: 139 Resp: 119726

Ion Ratio Lower Upper

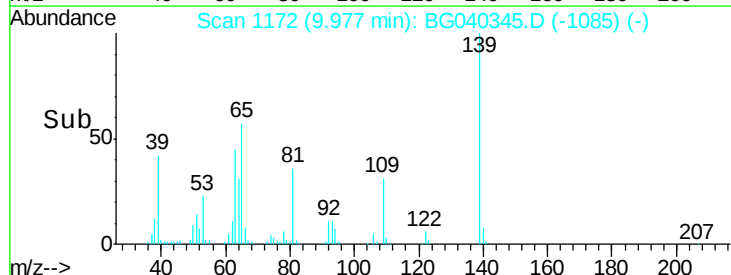
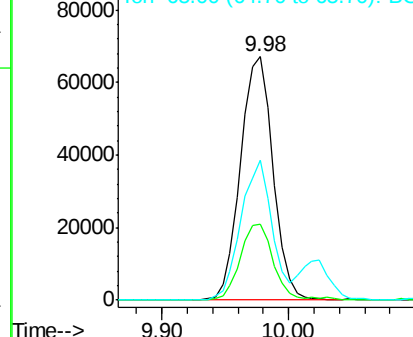
139 100

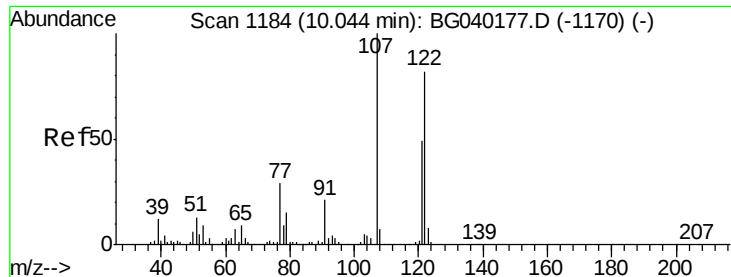
109 31.2 24.1 36.1

65 57.3 43.0 64.6



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

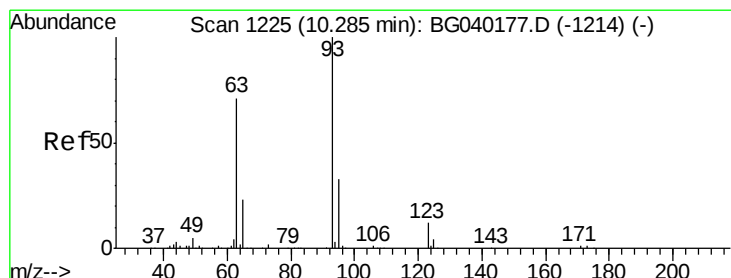
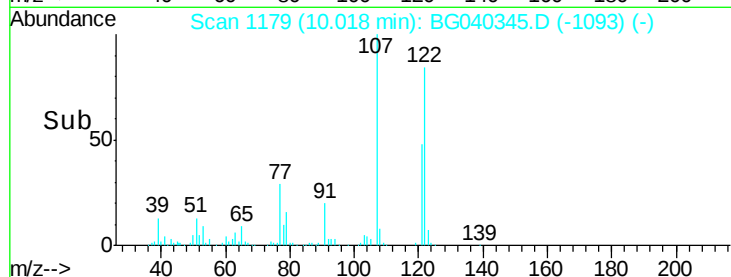
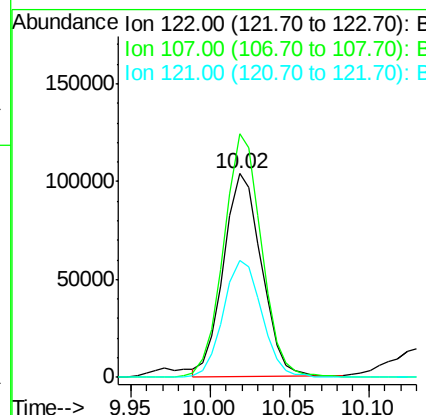
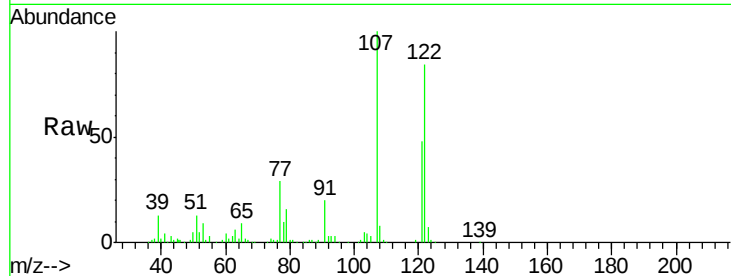




#27
 2,4-Dimethylphenol
 Concen: 38.622 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.03 min
 Lab File: BG040345.D
 Acq: 4 Apr 2019 4:35

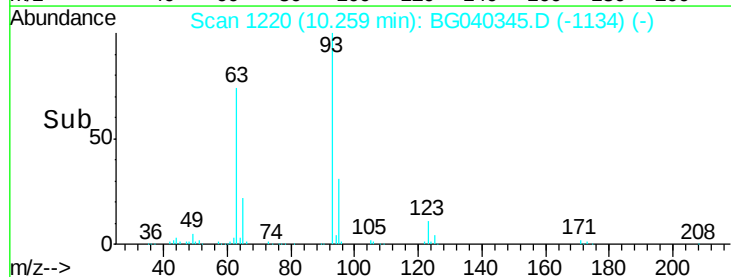
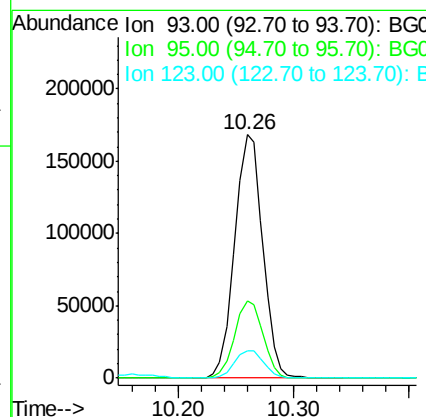
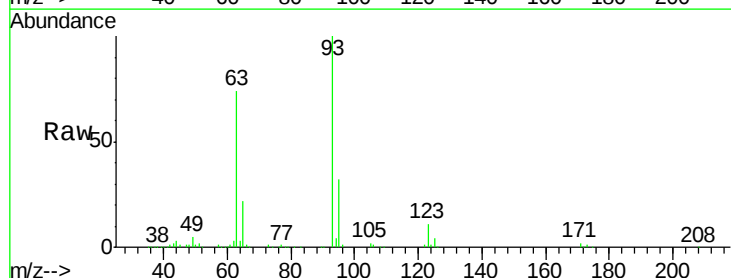
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

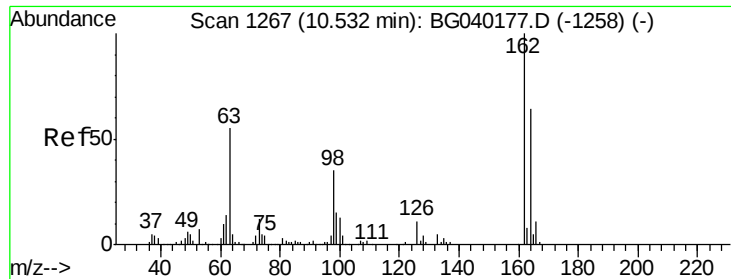
Tgt Ion: 122 Resp: 173512
 Ion Ratio Lower Upper
 122 100
 107 119.7 97.4 146.2
 121 57.6 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.348 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.03 min
 Lab File: BG040345.D
 Acq: 4 Apr 2019 4:35

Tgt Ion: 93 Resp: 283112
 Ion Ratio Lower Upper
 93 100
 95 31.7 26.2 39.4
 123 11.3 9.4 14.0

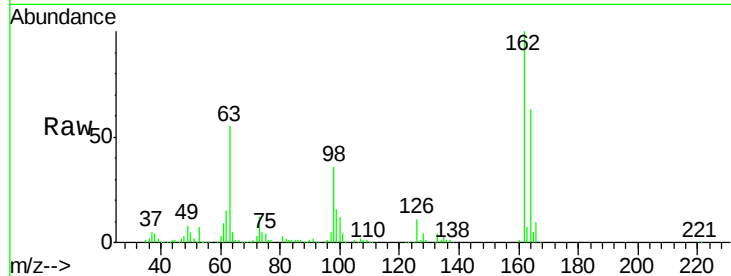




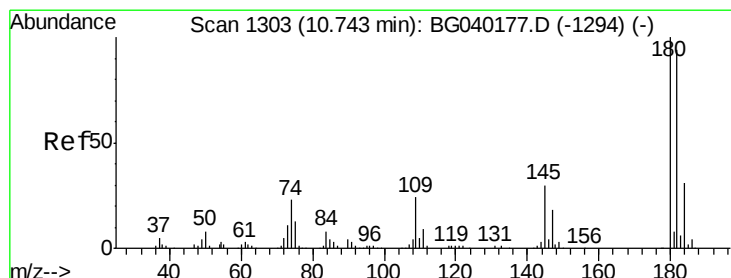
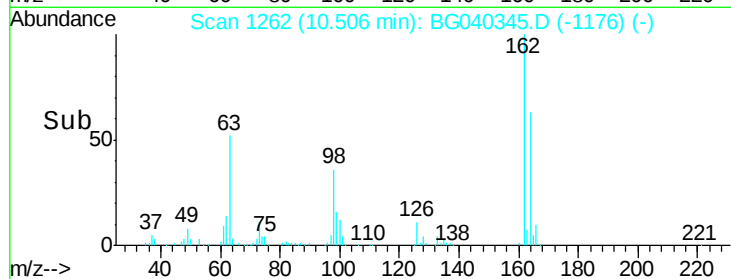
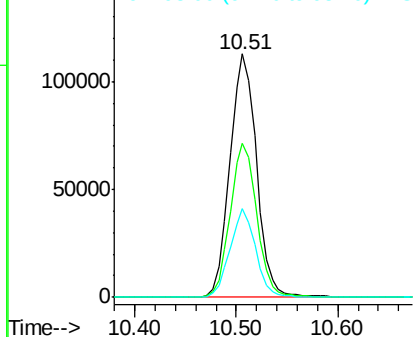
#29
2,4-Dichlorophenol
Concen: 42.339 ng
RT: 10.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BG040345.D
Acq: 4 Apr 2019 4:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.4	43.9	83.9
98	36.3	15.6	55.6

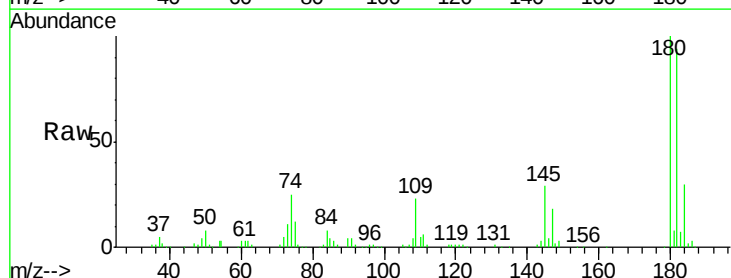


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

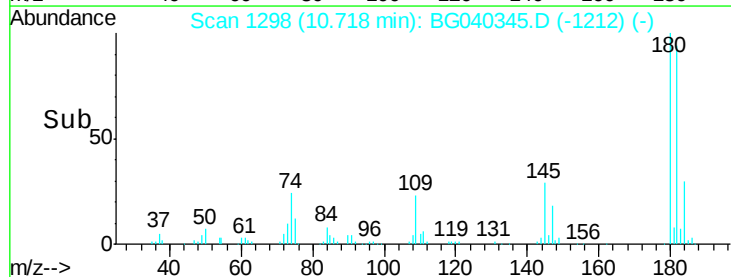
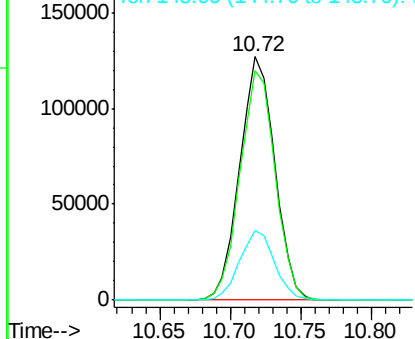


#30
1,2,4-Trichlorobenzene
Concen: 41.209 ng
RT: 10.72 min Scan# 1298
Delta R.T. -0.03 min
Lab File: BG040345.D
Acq: 4 Apr 2019 4:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.1	112.7
145	28.7	24.1	36.1



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

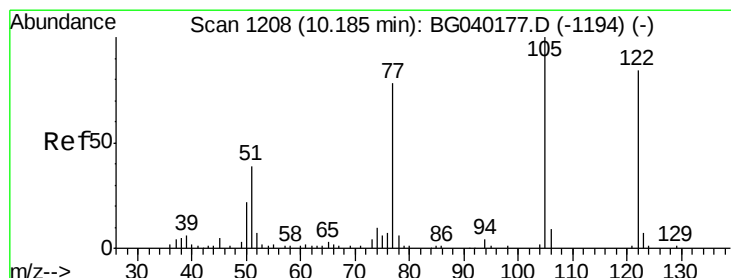
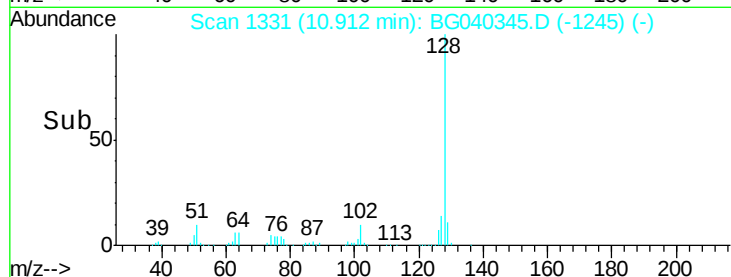
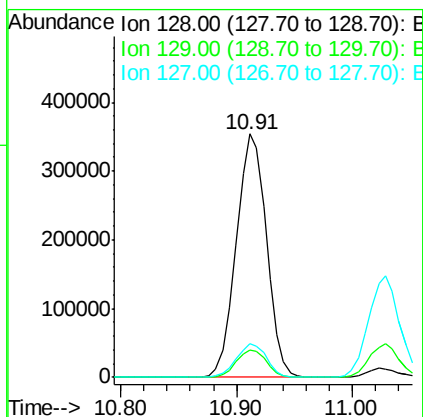
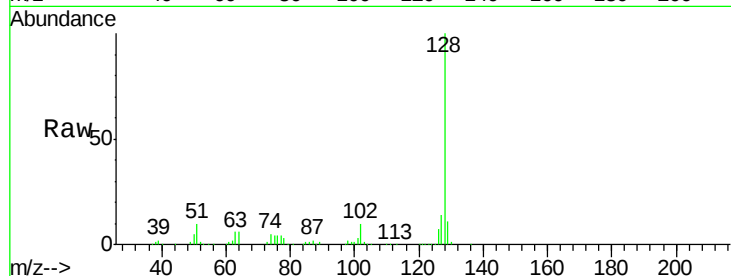




#31
Naphthalene
Concen: 40.802 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BG040345.D
Acq: 4 Apr 2019 4:35

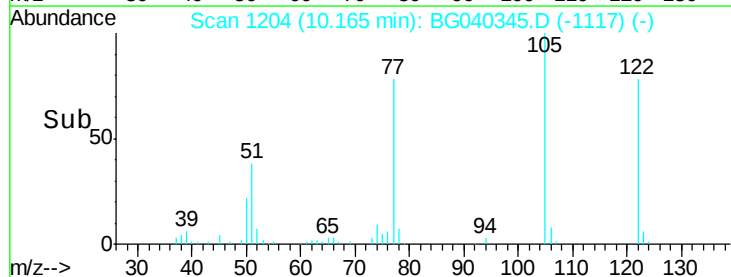
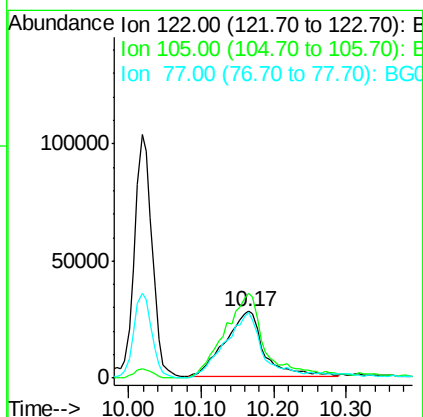
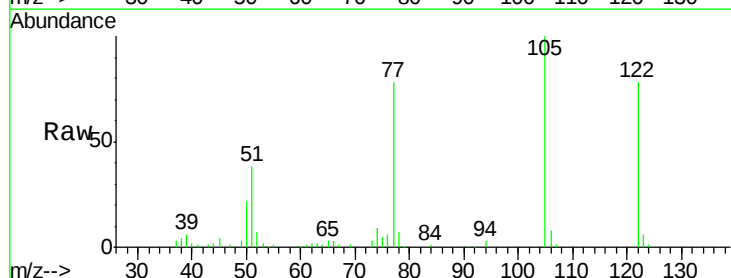
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

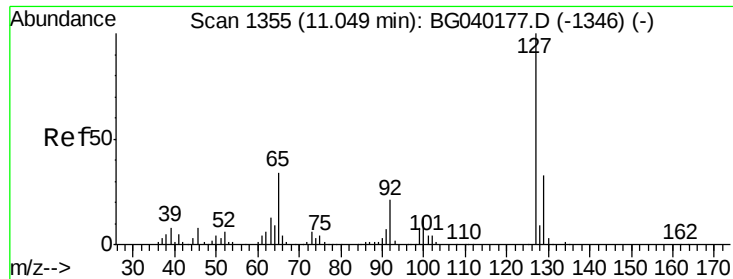
Tgt Ion:128 Resp: 640768
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 14.0 11.4 17.0



#32
Benzoic acid
Concen: 38.915 ng
RT: 10.17 min Scan# 1204
Delta R.T. -0.02 min
Lab File: BG040345.D
Acq: 4 Apr 2019 4:35

Tgt Ion:122 Resp: 105630
Ion Ratio Lower Upper
122 100
105 127.6 98.2 138.2
77 99.2 73.6 113.6

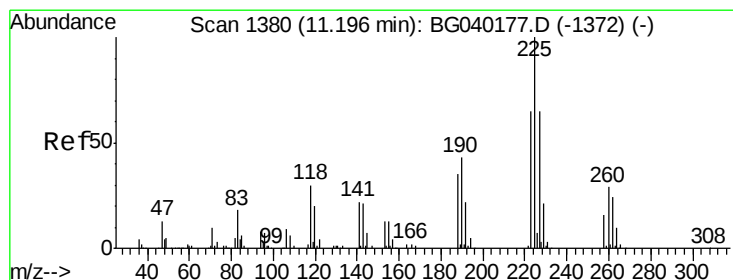
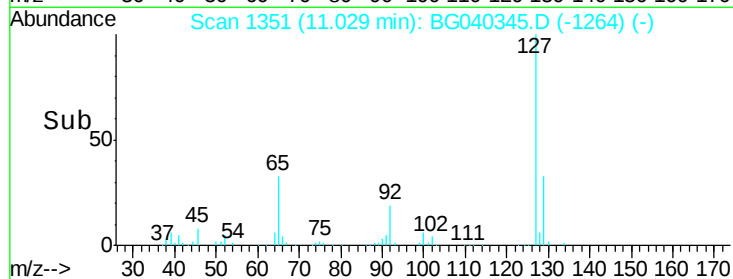
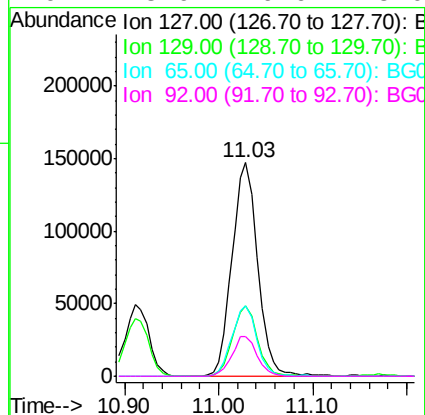
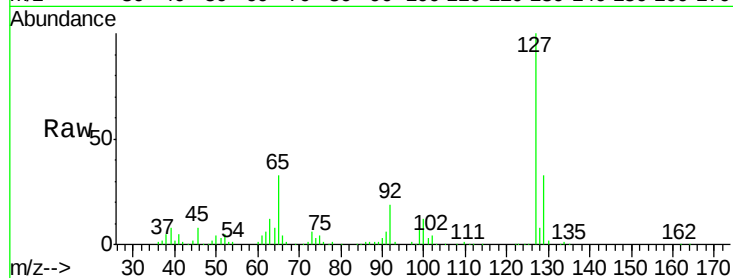




#33
4-Chloroaniline
Concen: 41.658 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG040345.D
Acq: 4 Apr 2019 4:35

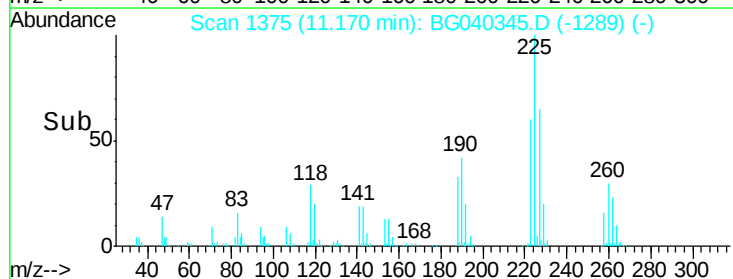
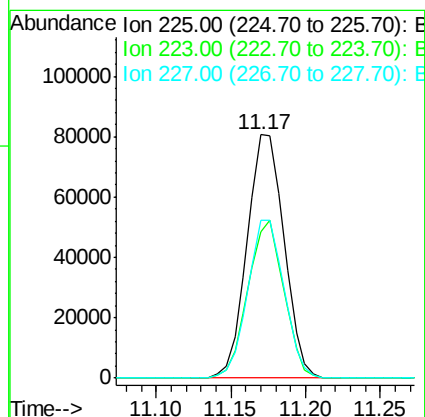
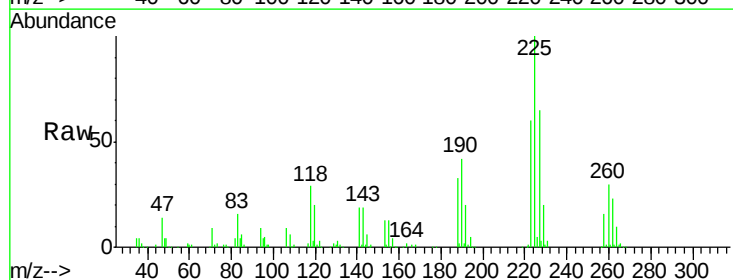
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

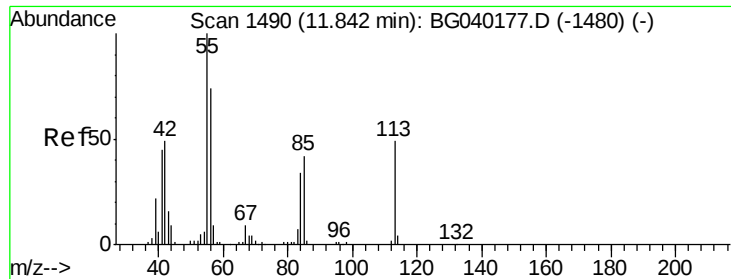
Tgt Ion:	127	Resp:	279056
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.6	40.0
65	32.7	27.0	40.4
92	18.9	16.6	25.0



#34
Hexachlorobutadiene
Concen: 40.365 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.03 min
Lab File: BG040345.D
Acq: 4 Apr 2019 4:35

Tgt Ion:	225	Resp:	138225
Ion	Ratio	Lower	Upper
225	100		
223	60.3	51.8	77.8
227	64.6	54.9	82.3





#35

Caprolactam

Concen: 43.753 ng

RT: 11.83 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

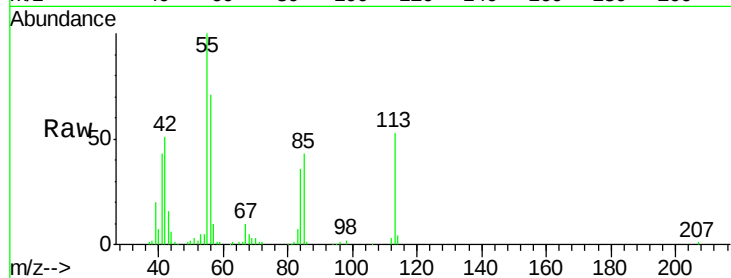
Tgt Ion:113 Resp: 84668

Ion Ratio Lower Upper

113 100

55 187.6 184.2 224.2

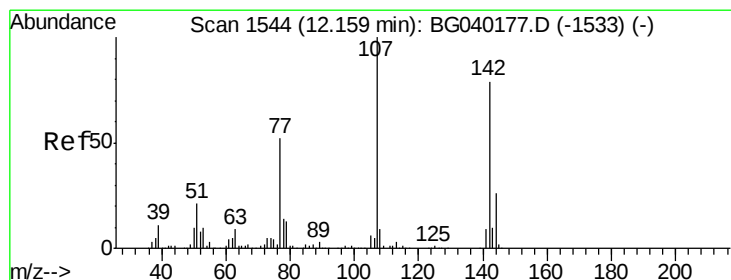
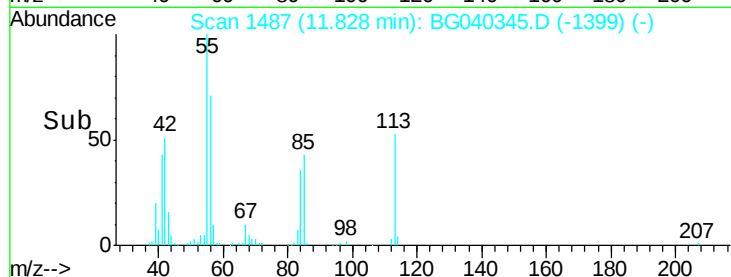
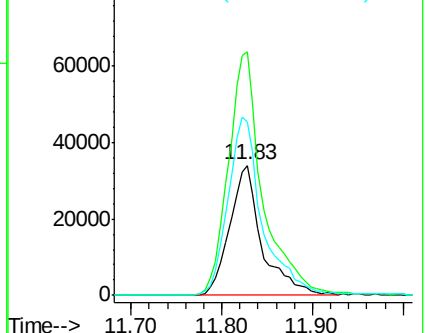
56 133.4 131.3 171.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 42.190 ng

RT: 12.14 min Scan# 1540

Delta R.T. -0.02 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

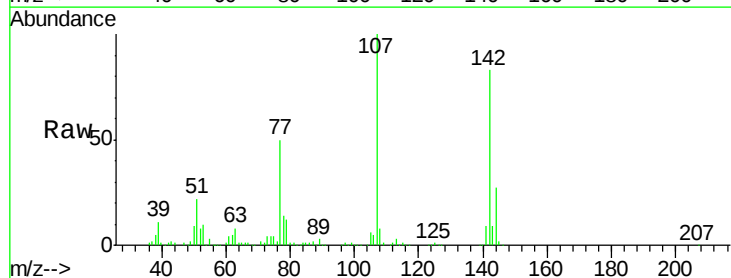
Tgt Ion:107 Resp: 236516

Ion Ratio Lower Upper

107 100

144 26.9 20.5 30.7

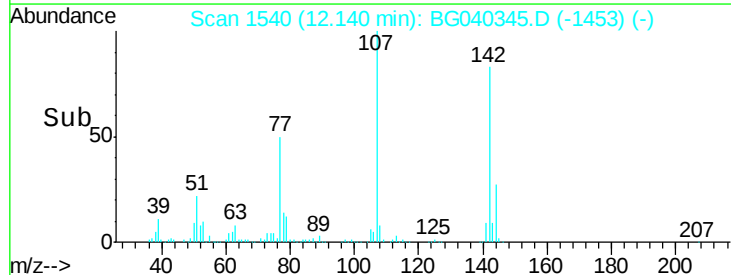
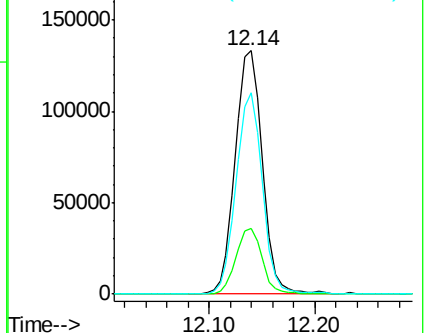
142 82.8 63.1 94.7

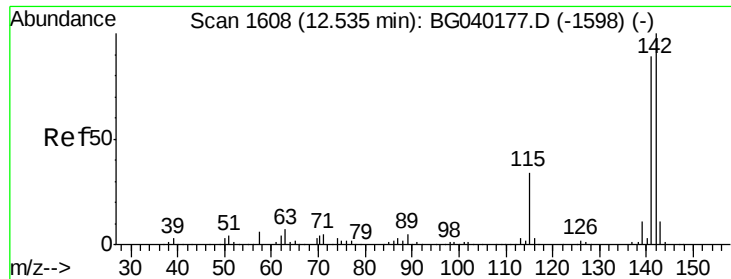


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

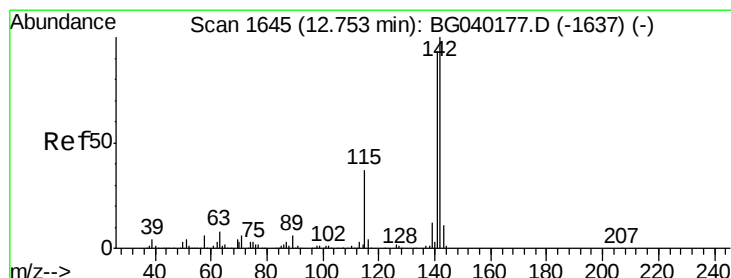
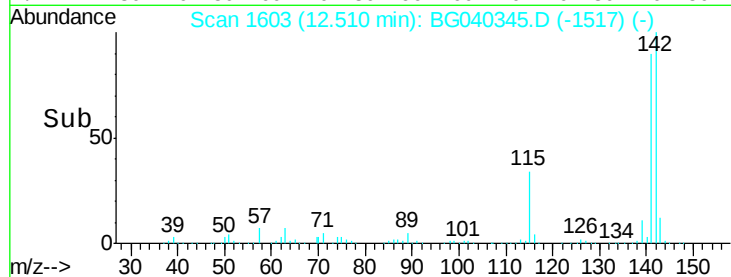
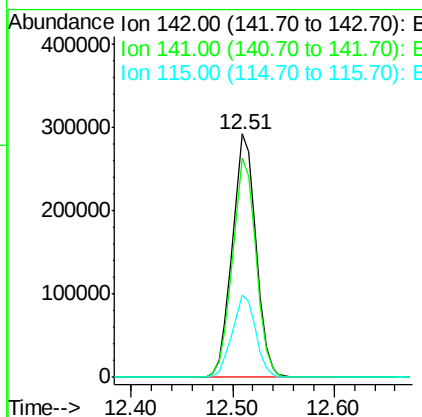
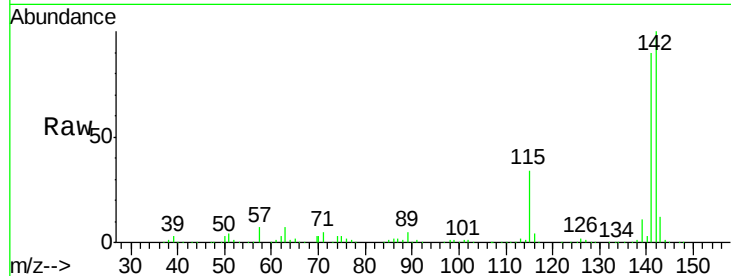




#37
2-Methylnaphthalene
Concen: 40.837 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.03 min
Lab File: BG040345.D
Acq: 4 Apr 2019 4:35

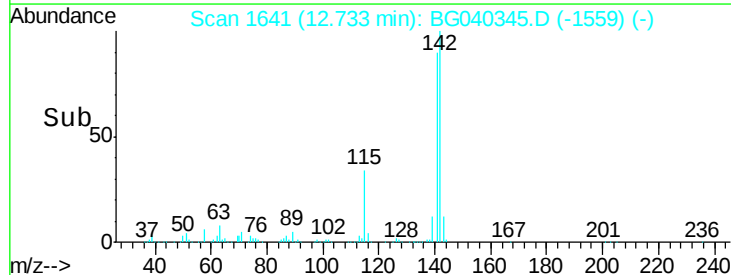
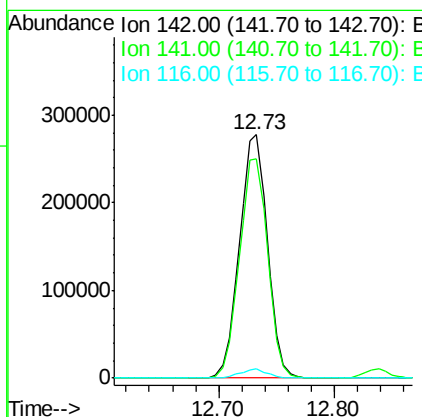
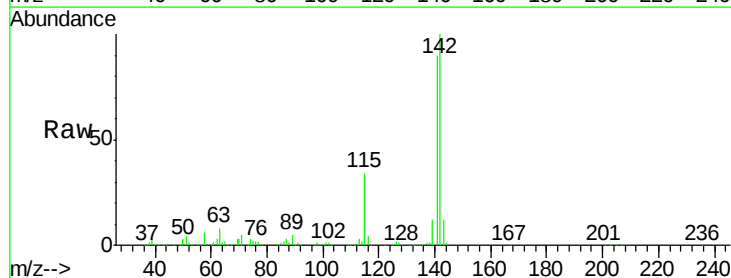
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 474308
Ion Ratio Lower Upper
142 100
141 90.0 71.0 106.6
115 33.6 27.3 40.9



#38
1-Methylnaphthalene
Concen: 41.287 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.02 min
Lab File: BG040345.D
Acq: 4 Apr 2019 4:35

Tgt Ion:142 Resp: 465004
Ion Ratio Lower Upper
142 100
141 90.3 74.2 111.4
116 3.8 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.03 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

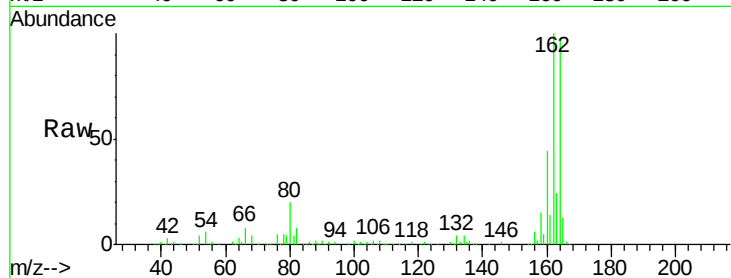
Tgt Ion:164 Resp: 193831

Ion Ratio Lower Upper

164 100

162 102.6 77.4 116.2

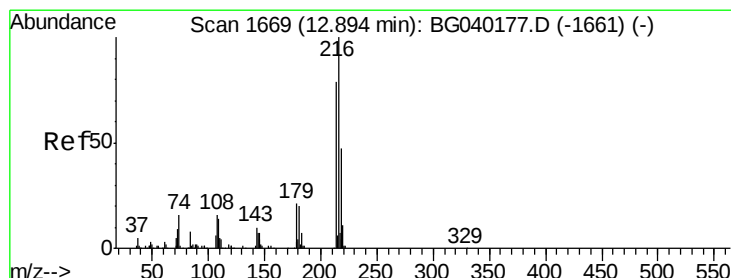
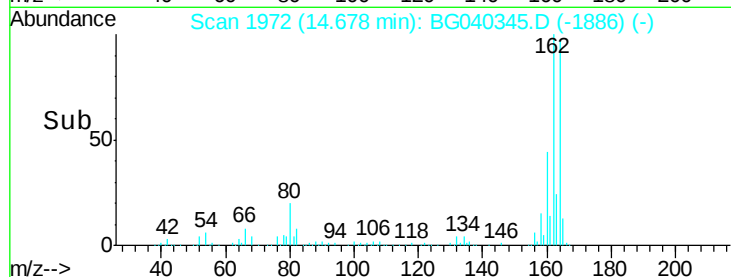
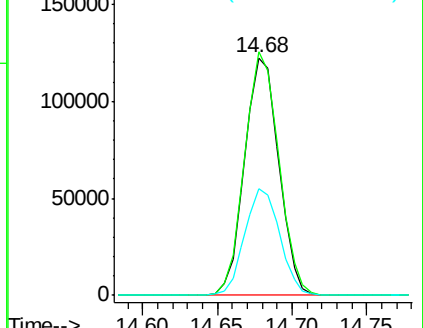
160 45.2 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.428 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.02 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

Tgt Ion:216 Resp: 249065

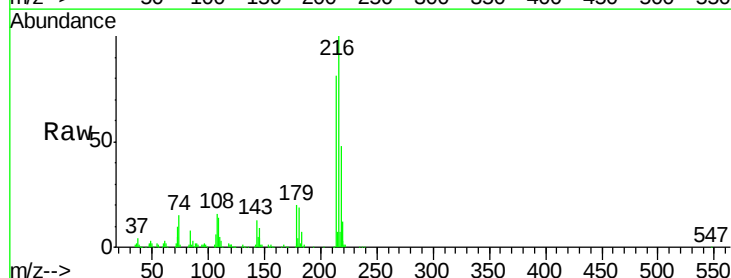
Ion Ratio Lower Upper

216 100

214 80.5 63.5 95.3

179 20.2 16.6 25.0

108 17.5 13.8 20.8

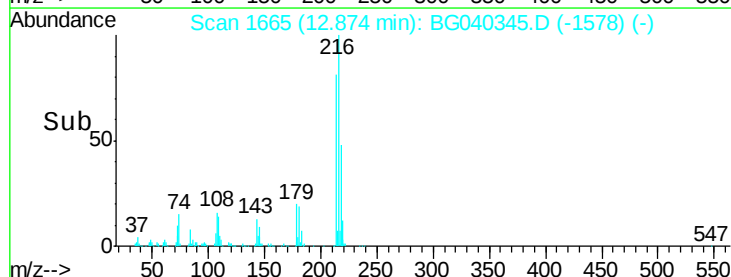
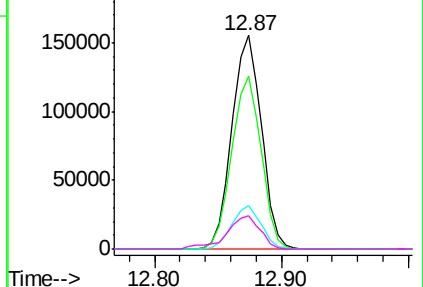


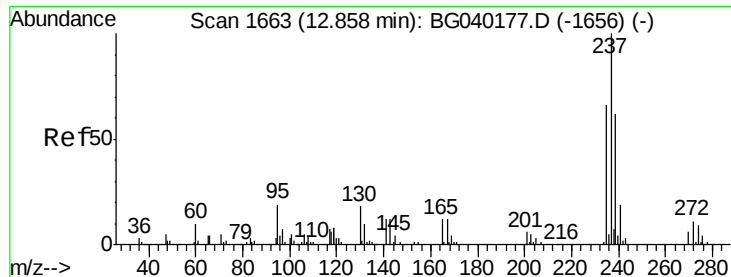
Abundance Ion 216.00 (215.70 to 216.70): E

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

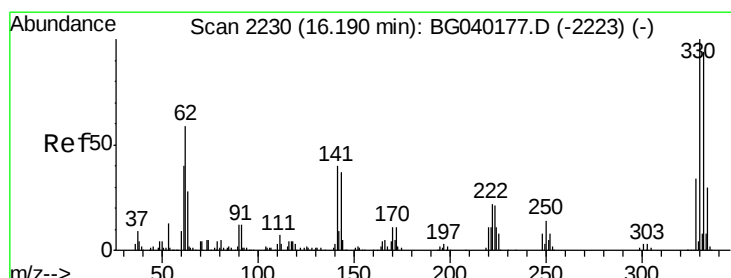
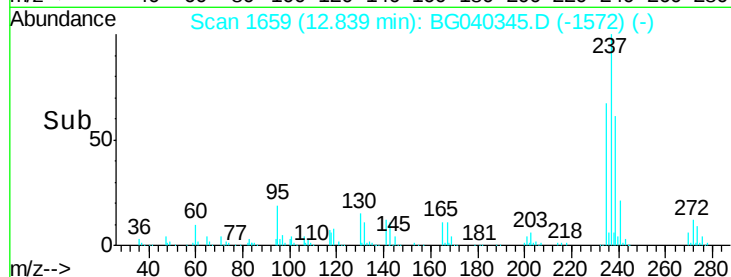
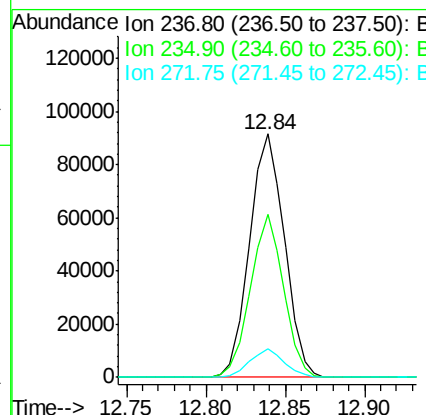
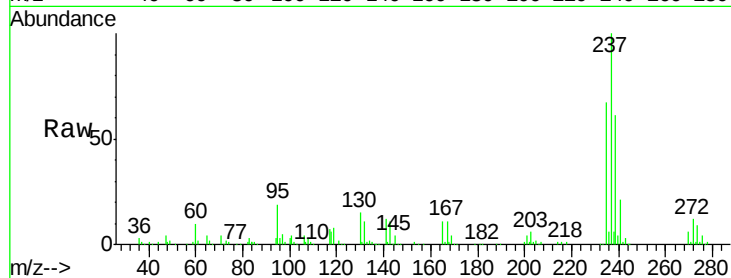




#41
Hexachlorocyclopentadiene
Concen: 41.351 ng
RT: 12.84 min Scan# 1659
Delta R.T. -0.02 min
Lab File: BG040345.D
Acq: 4 Apr 2019 4:35

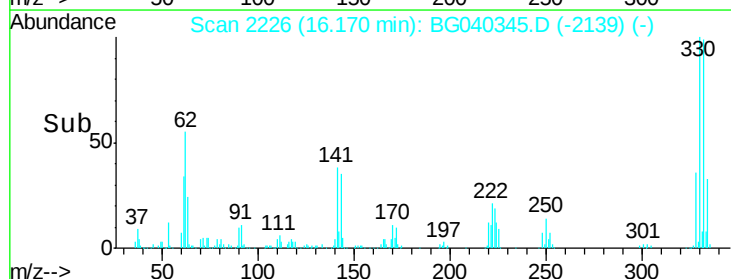
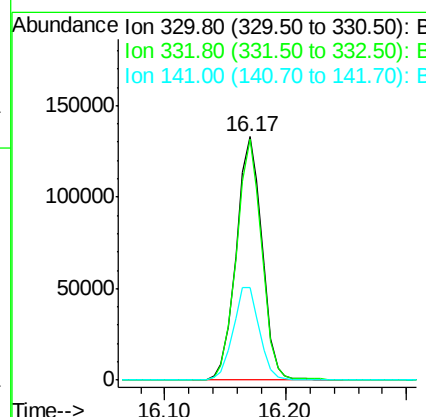
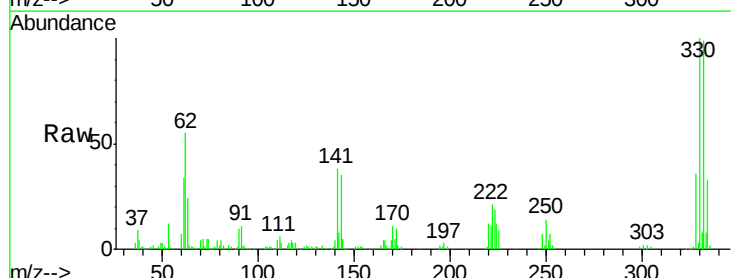
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

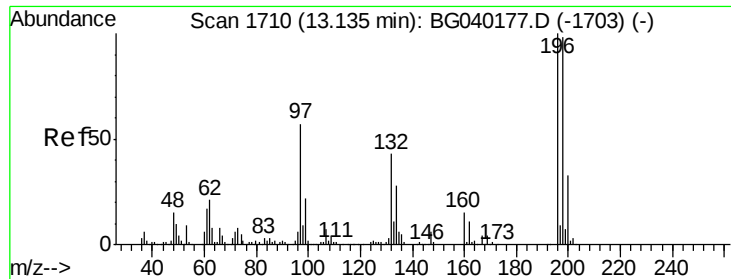
Tgt Ion: 237 Resp: 139875
Ion Ratio Lower Upper
237 100
235 66.8 46.2 86.2
272 11.8 0.0 30.5



#42
2,4,6-Tribromophenol
Concen: 94.405 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BG040345.D
Acq: 4 Apr 2019 4:35

Tgt Ion: 330 Resp: 197760
Ion Ratio Lower Upper
330 100
332 97.1 76.6 115.0
141 38.8 32.6 48.8

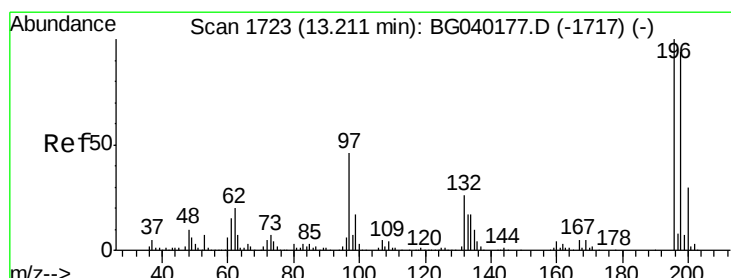
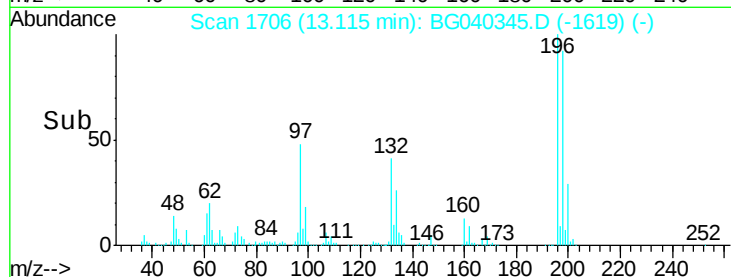
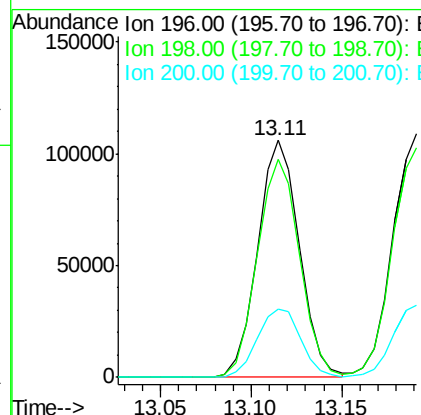
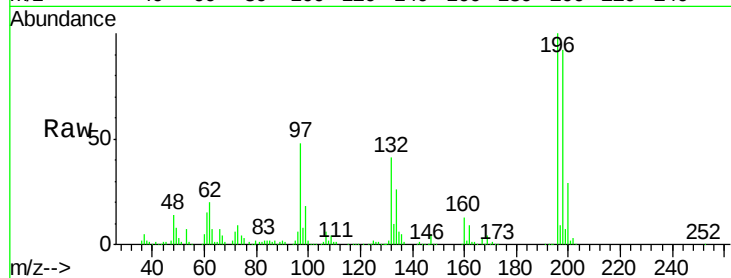




#43
 2,4,6-Trichlorophenol
 Concen: 42.443 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG040345.D
 Acq: 4 Apr 2019 4:35

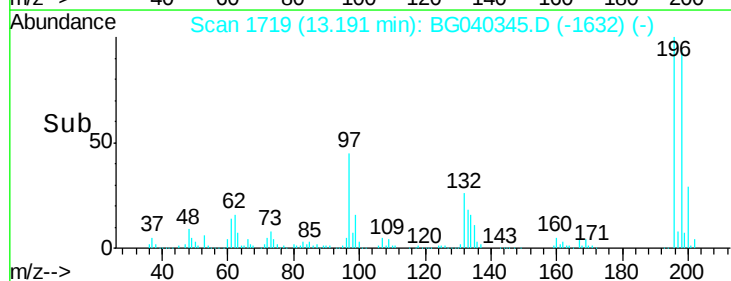
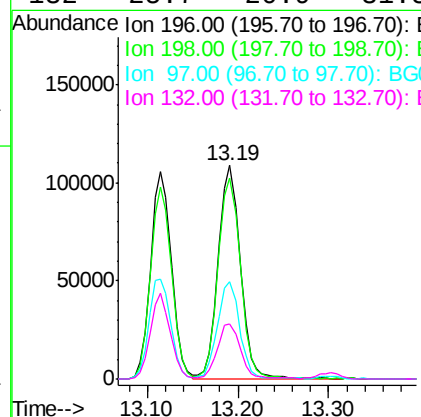
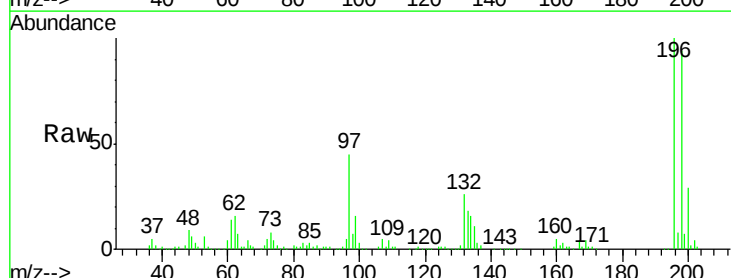
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 168582
 Ion Ratio Lower Upper
 196 100
 198 92.4 78.3 117.5
 200 28.9 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 42.654 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040345.D
 Acq: 4 Apr 2019 4:35

Tgt Ion:196 Resp: 184663
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.0 112.6
 97 45.4 37.3 55.9
 132 25.7 20.9 31.3

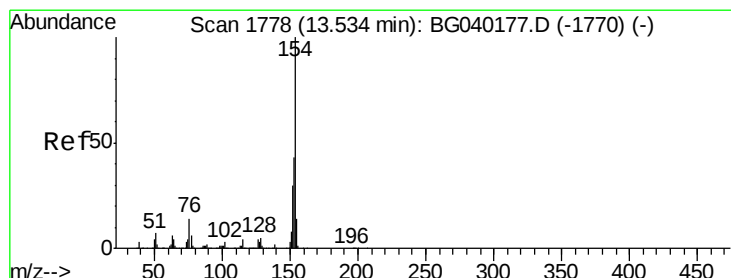
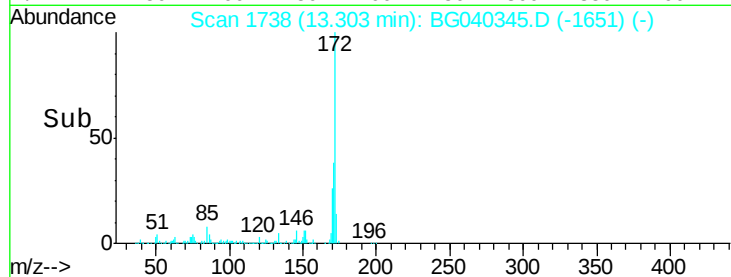
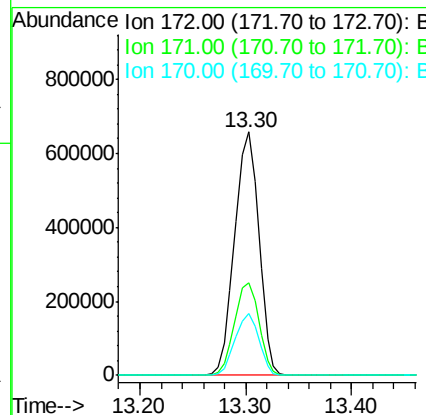
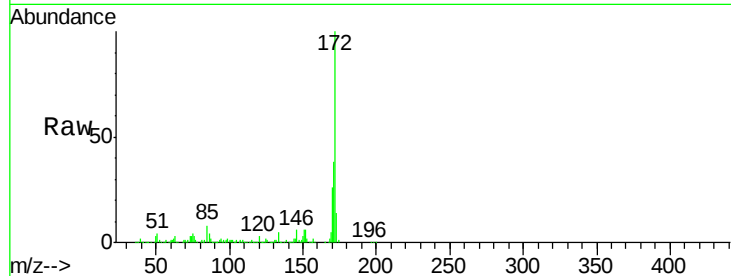




#45
2-Fluorobiphenyl
Concen: 79.930 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040345.D
Acq: 4 Apr 2019 4:35

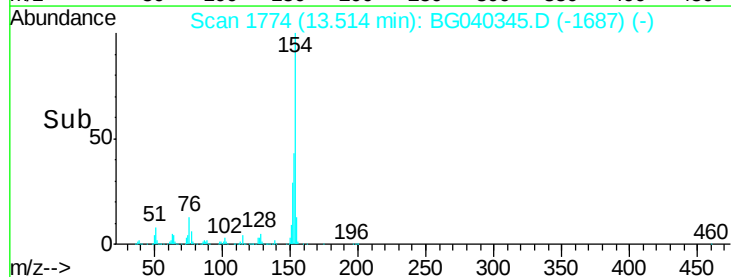
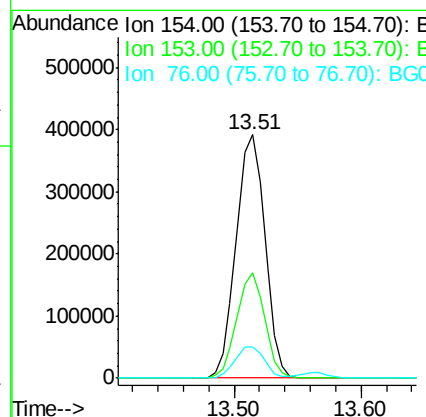
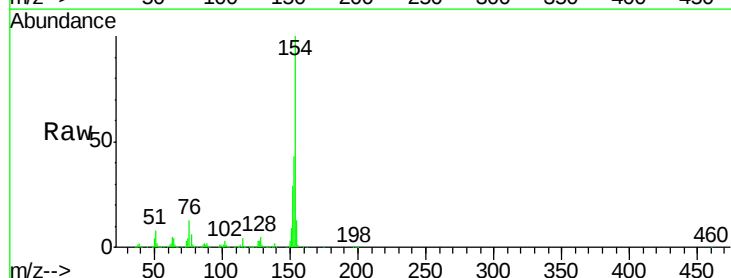
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

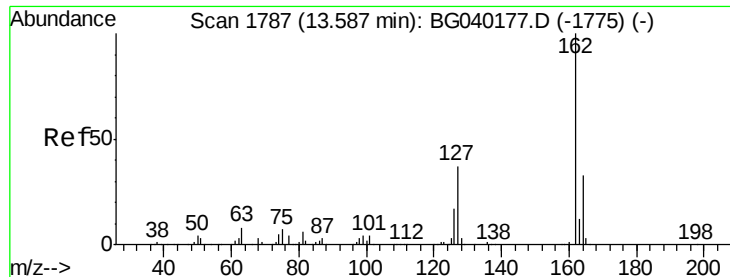
Tgt Ion:172 Resp: 1045576
Ion Ratio Lower Upper
172 100
171 37.8 30.5 45.7
170 25.5 20.1 30.1



#46
1,1'-Biphenyl
Concen: 40.313 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG040345.D
Acq: 4 Apr 2019 4:35

Tgt Ion:154 Resp: 617394
Ion Ratio Lower Upper
154 100
153 43.3 22.5 62.5
76 12.8 0.0 33.7

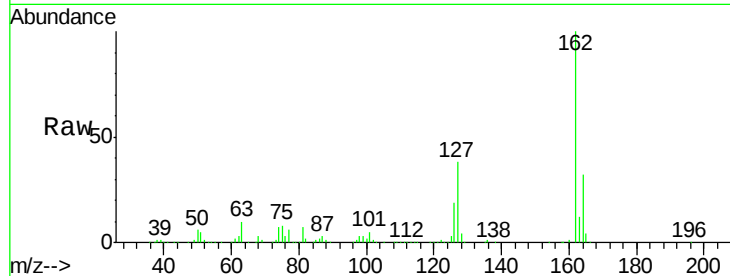




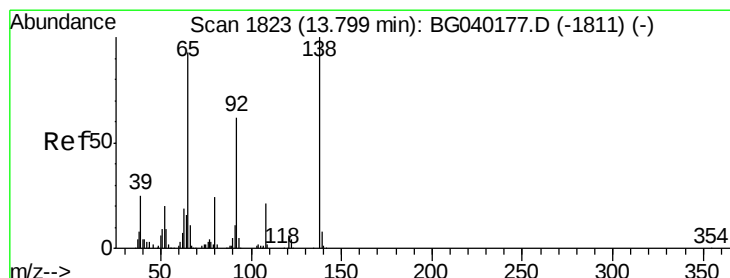
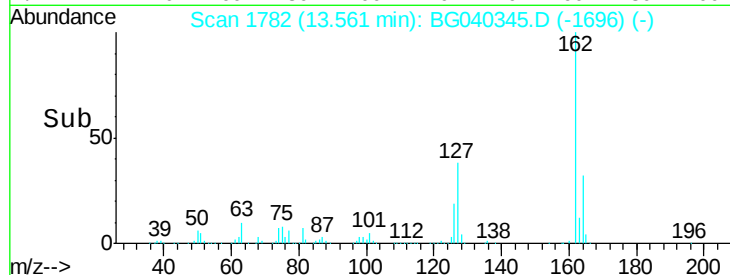
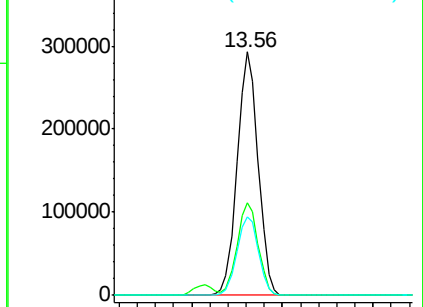
#47
 2-Chloronaphthalene
 Concen: 40.178 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.03 min
 Lab File: BG040345.D
 Acq: 4 Apr 2019 4:35

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 162 Resp: 472003
 Ion Ratio Lower Upper
 162 100
 127 38.3 30.6 45.8
 164 32.4 26.2 39.4

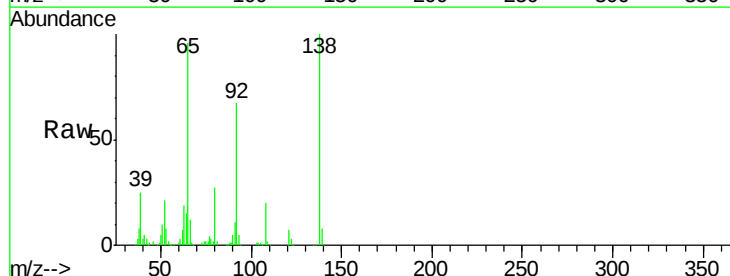


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

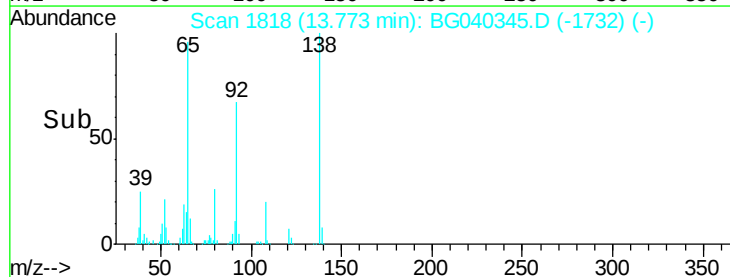
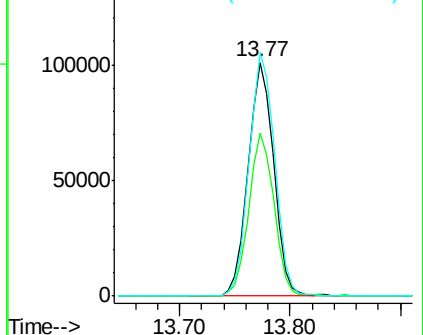


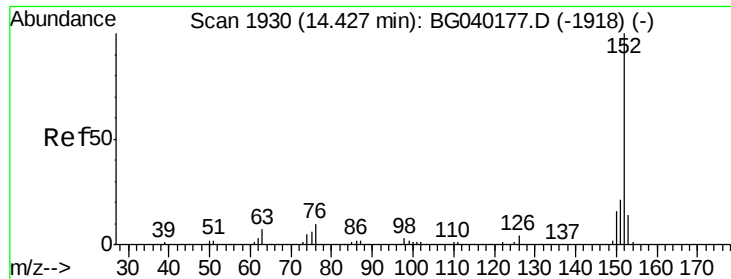
#48
 2-Nitroaniline
 Concen: 41.677 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. -0.03 min
 Lab File: BG040345.D
 Acq: 4 Apr 2019 4:35

Tgt Ion: 65 Resp: 165149
 Ion Ratio Lower Upper
 65 100
 92 69.7 53.8 80.6
 138 104.1 86.3 129.5



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





#49

Acenaphthylene

Concen: 40.850 ng

RT: 14.41 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

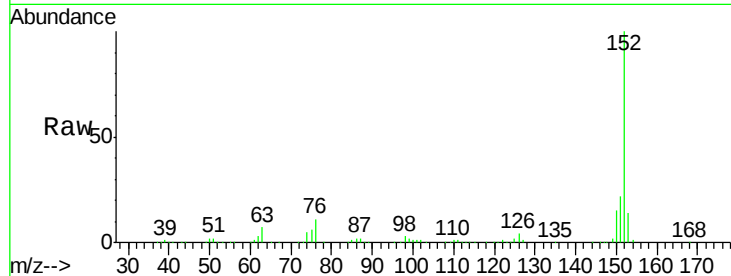
Tgt Ion:152 Resp: 813651

Ion Ratio Lower Upper

152 100

151 21.6 17.0 25.6

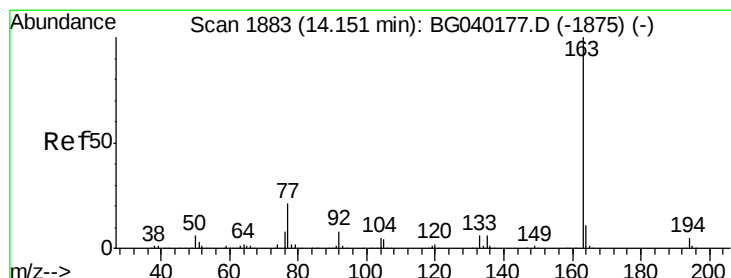
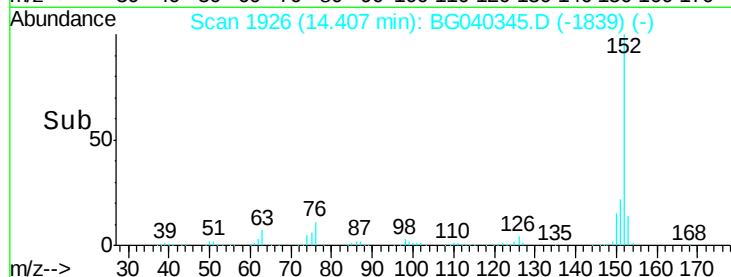
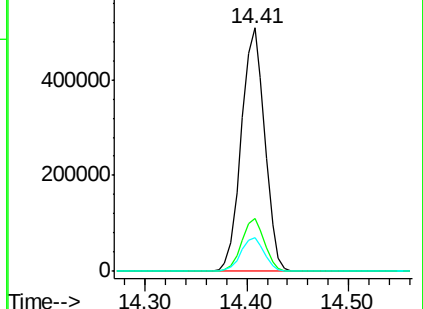
153 13.8 10.8 16.2



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: 41.295 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

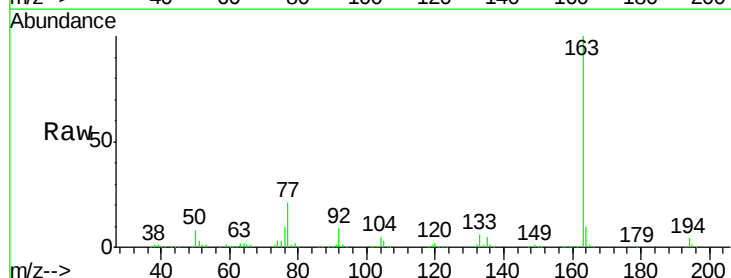
Tgt Ion:163 Resp: 626448

Ion Ratio Lower Upper

163 100

194 4.5 4.1 6.1

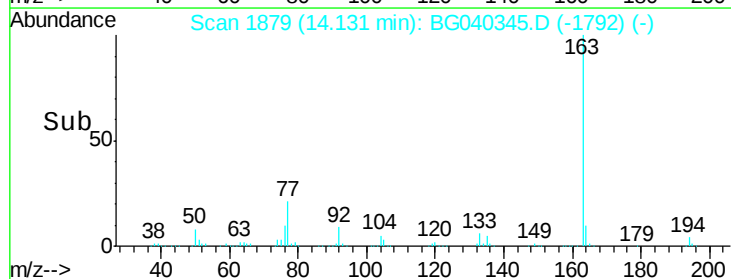
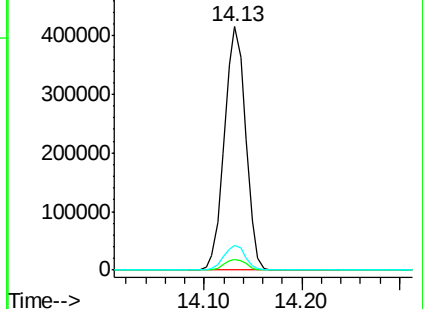
164 10.3 8.6 13.0

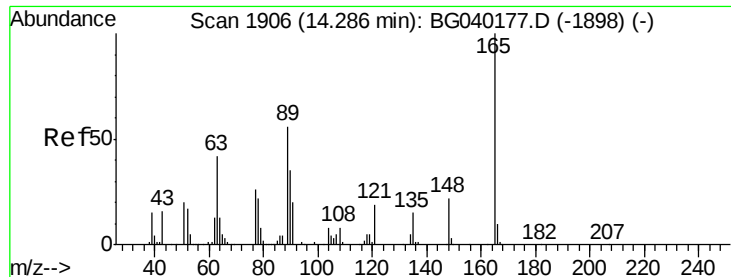


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

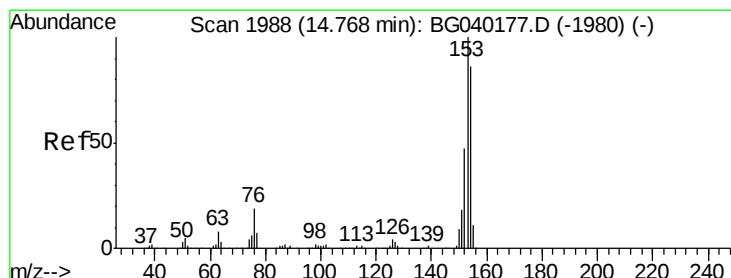
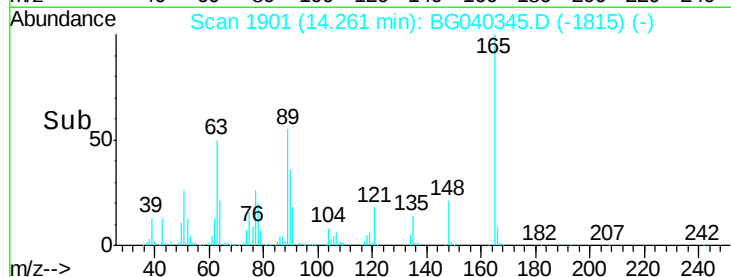
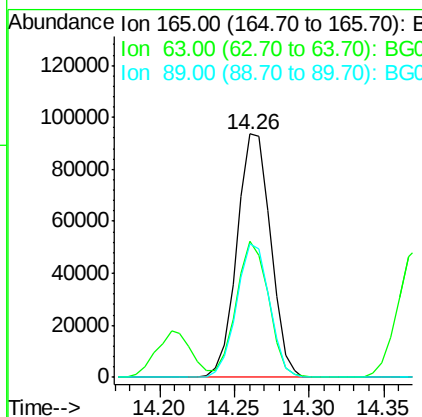
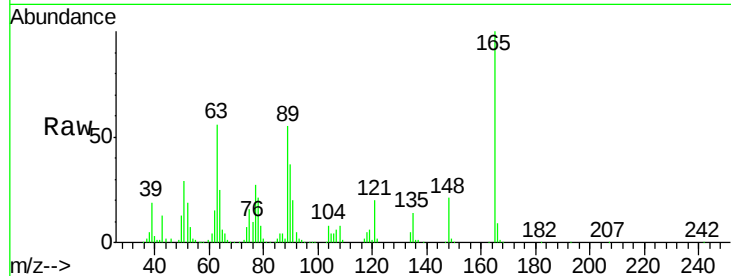




#51
 2,6-Dinitrotoluene
 Concen: 42.984 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.03 min
 Lab File: BG040345.D
 Acq: 4 Apr 2019 4:35

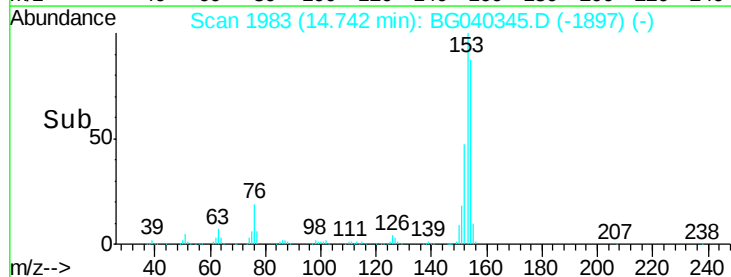
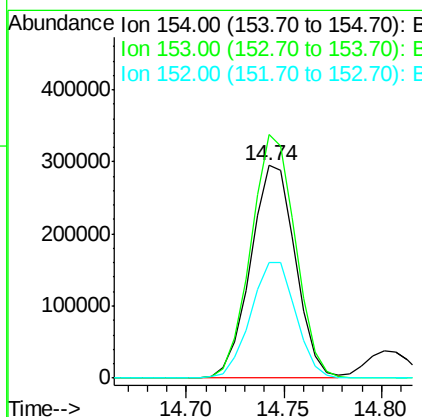
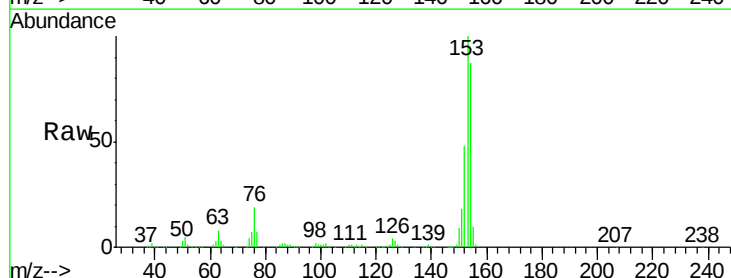
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:165 Resp: 146411
 Ion Ratio Lower Upper
 165 100
 63 55.8 44.1 66.1
 89 54.9 44.9 67.3



#52
 Acenaphthene
 Concen: 41.138 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.03 min
 Lab File: BG040345.D
 Acq: 4 Apr 2019 4:35

Tgt Ion:154 Resp: 469517
 Ion Ratio Lower Upper
 154 100
 153 114.5 92.8 139.2
 152 54.4 43.4 65.2





#53

3-Nitroaniline

Concen: 44.120 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

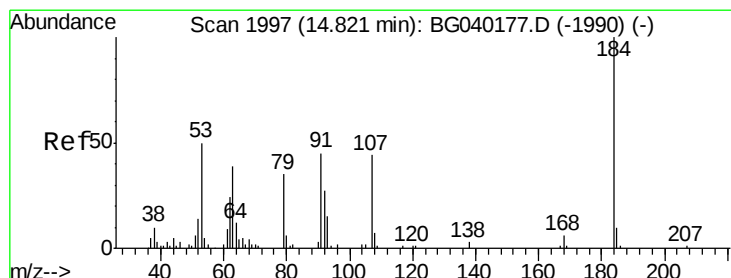
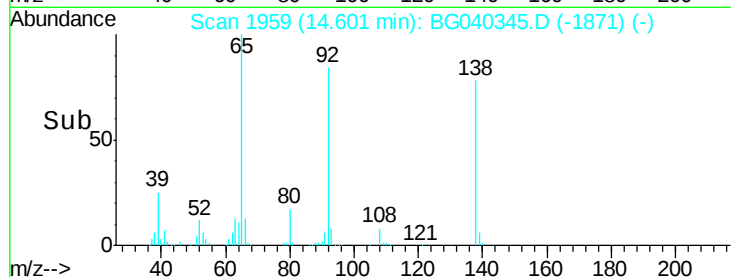
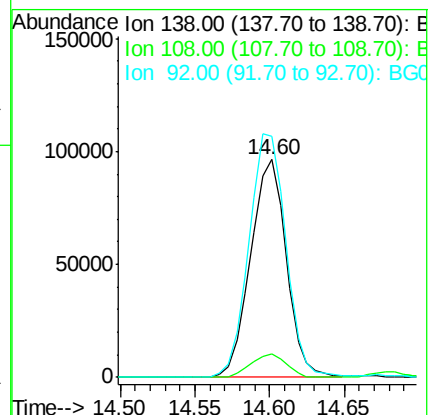
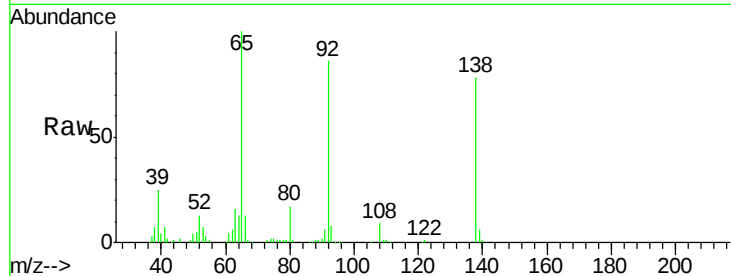
Tgt Ion:138 Resp: 159078

Ion Ratio Lower Upper

138 100

108 11.0 7.8 11.8

92 111.0 87.5 131.3



#54

2,4-Dinitrophenol

Concen: 62.272 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

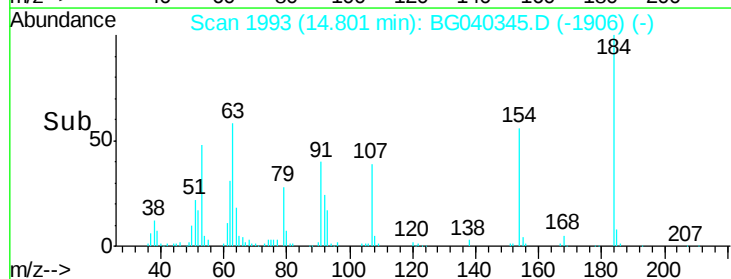
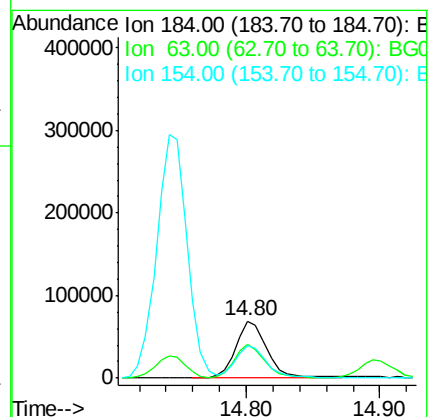
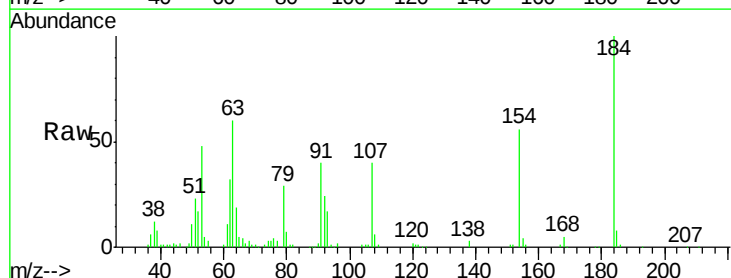
Tgt Ion:184 Resp: 112805

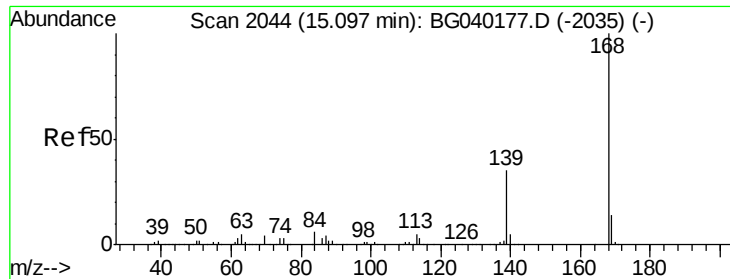
Ion Ratio Lower Upper

184 100

63 59.9 51.8 77.8

154 55.9 50.9 76.3

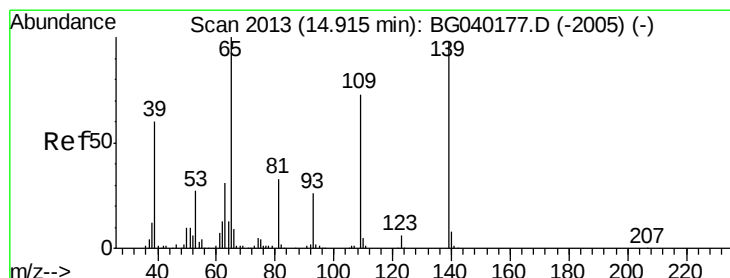
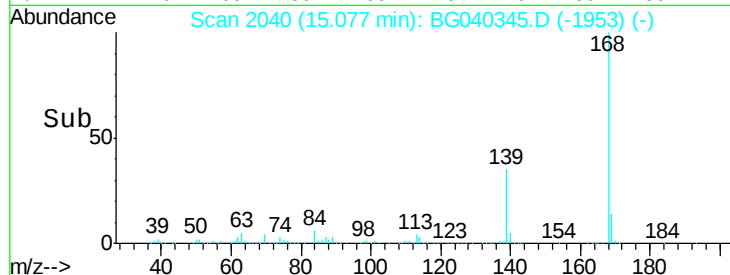
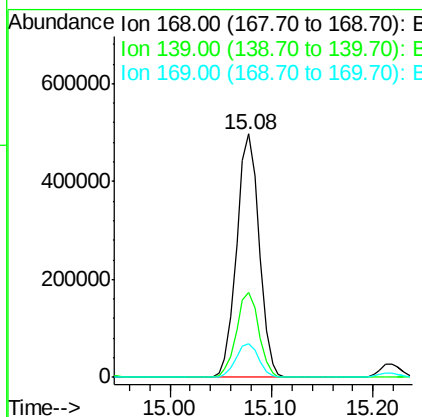
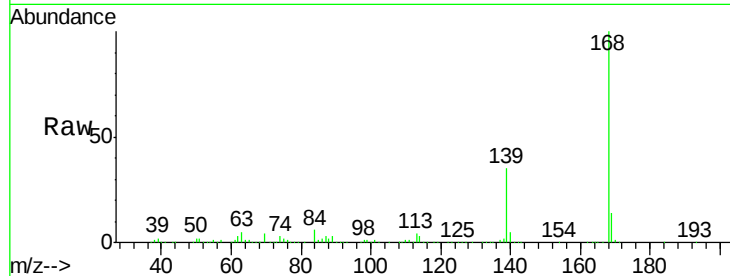




#55
Dibenzenofuran
Concen: 41.795 ng
RT: 15.08 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BG040345.D
Acq: 4 Apr 2019 4:35

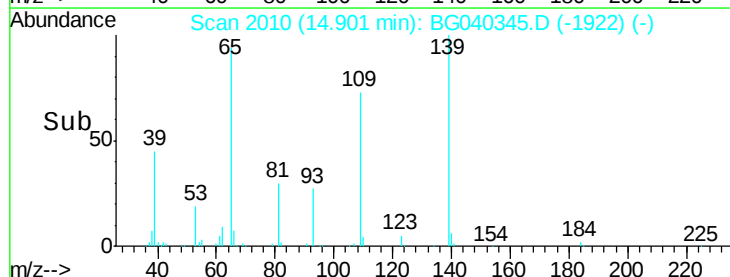
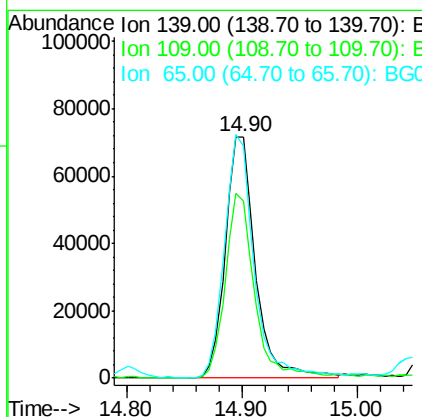
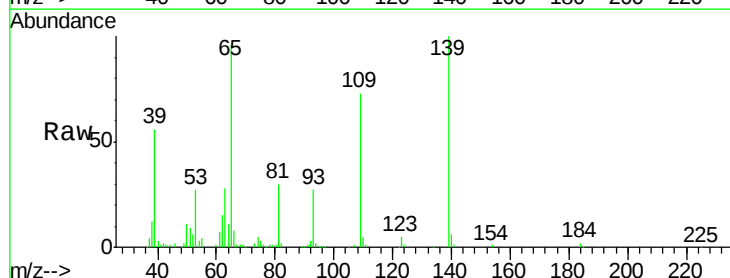
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

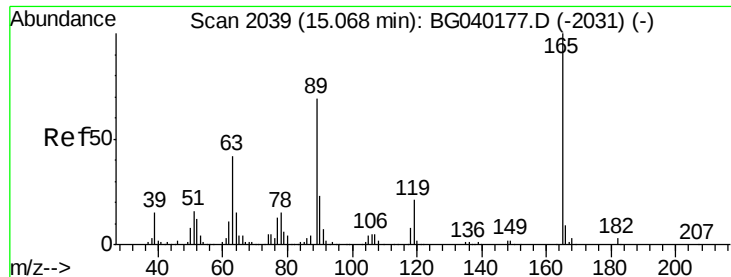
Tgt Ion:168 Resp: 766509
Ion Ratio Lower Upper
168 100
139 34.9 27.9 41.9
169 14.0 11.3 16.9



#56
4-Nitrophenol
Concen: 44.444 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG040345.D
Acq: 4 Apr 2019 4:35

Tgt Ion:139 Resp: 129332
Ion Ratio Lower Upper
139 100
109 73.4 54.3 94.3
65 95.9 82.5 122.5

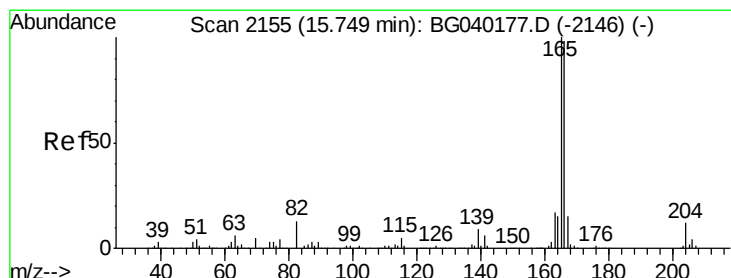
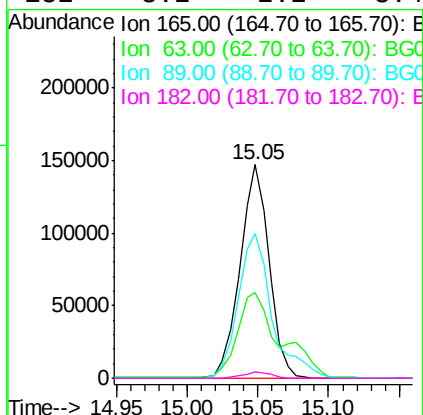
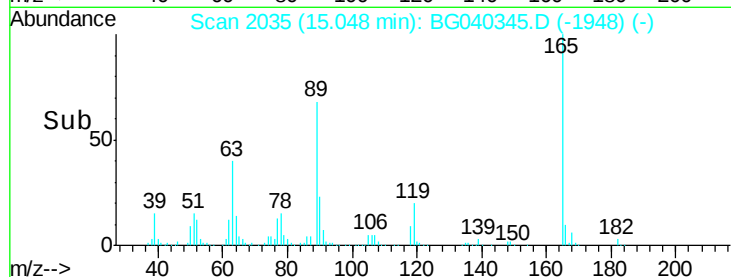
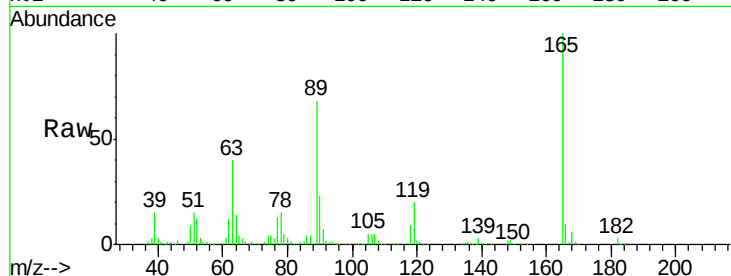




#57
2,4-Dinitrotoluene
Concen: 44.573 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BG040345.D
Acq: 4 Apr 2019 4:35

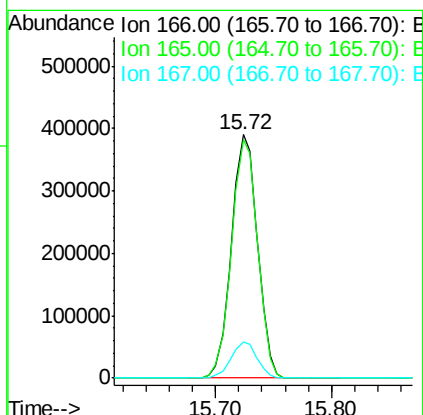
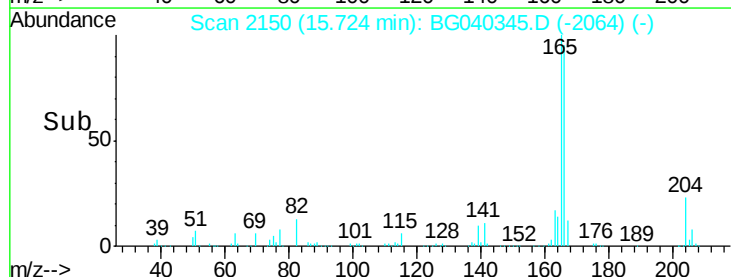
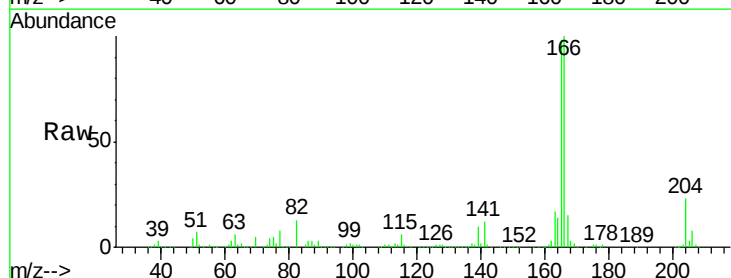
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

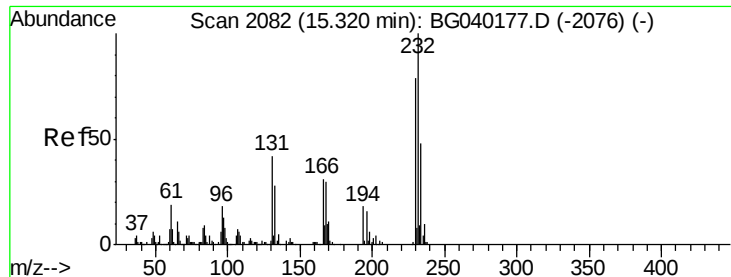
Tgt Ion:	165	Resp:	210961
Ion	Ratio	Lower	Upper
165	100		
63	40.2	33.8	50.6
89	67.6	55.4	83.2
182	3.2	2.2	3.4



#58
Fluorene
Concen: 42.140 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.03 min
Lab File: BG040345.D
Acq: 4 Apr 2019 4:35

Tgt Ion:	166	Resp:	607611
Ion	Ratio	Lower	Upper
166	100		
165	98.2	81.7	122.5
167	14.8	11.9	17.9

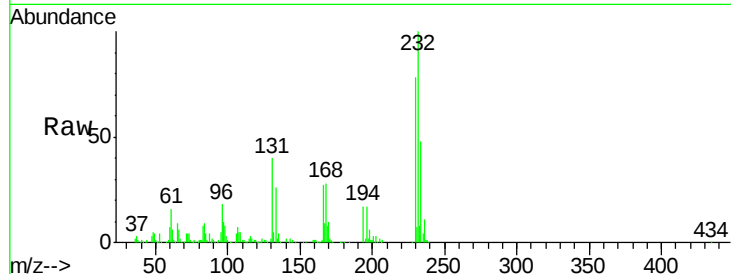




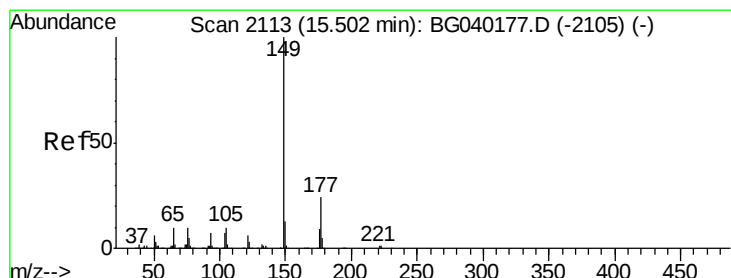
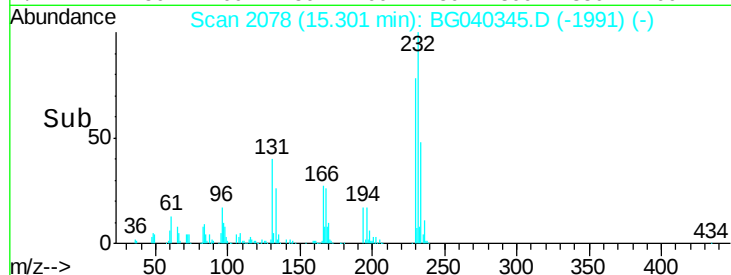
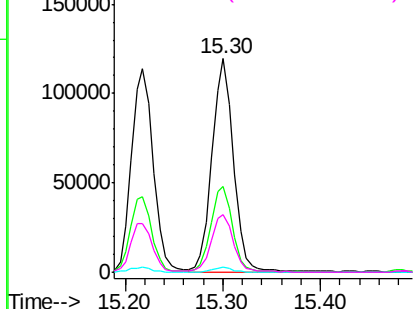
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.519 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.02 min
 Lab File: BG040345.D
 Acq: 4 Apr 2019 4:35

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	232	Resp:	182756
Ion	Ratio	Lower	Upper
232	100		
131	39.6	32.9	49.3
130	2.1	1.8	2.8
166	27.9	23.5	35.3

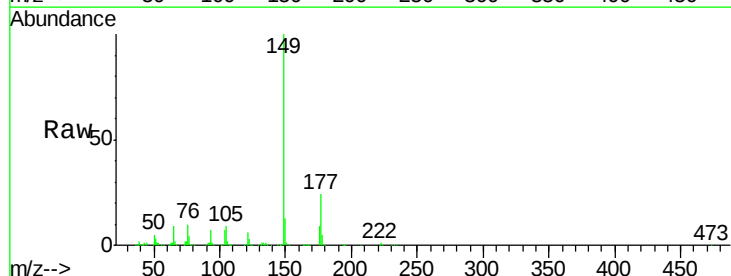


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

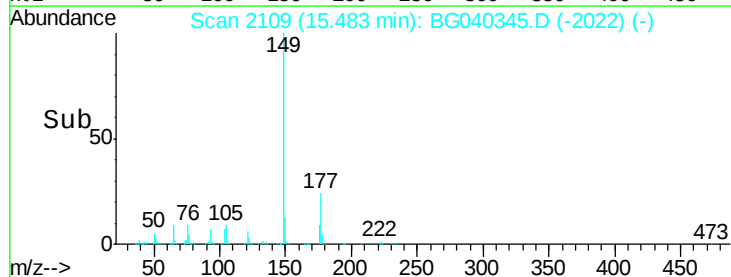
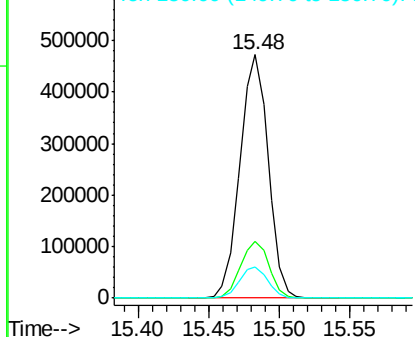


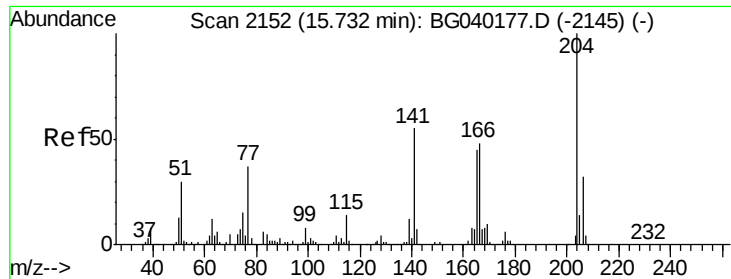
#60
 Diethylphthalate
 Concen: 42.525 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.02 min
 Lab File: BG040345.D
 Acq: 4 Apr 2019 4:35

Tgt Ion:	149	Resp:	660133
Ion	Ratio	Lower	Upper
149	100		
177	23.5	19.1	28.7
150	12.8	10.6	15.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

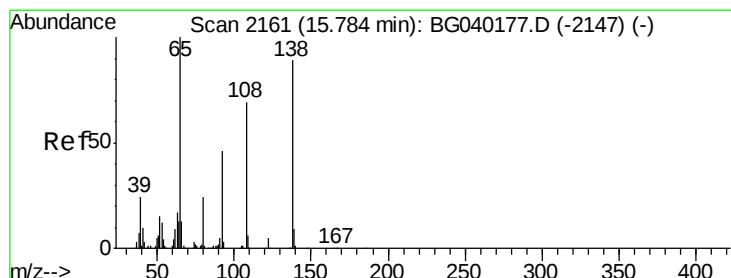
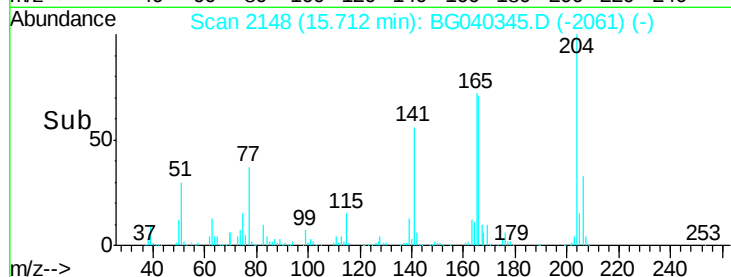
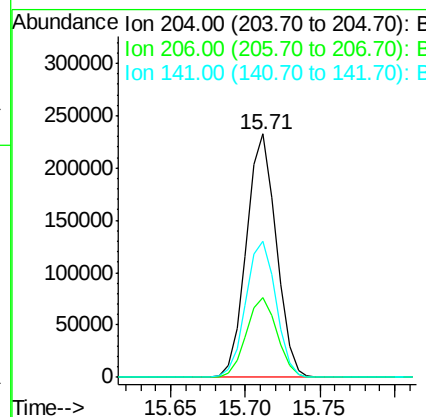
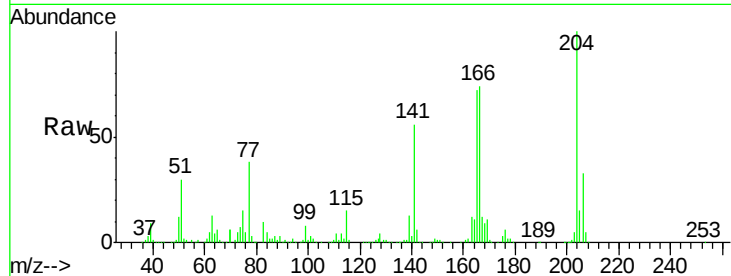




#61
 4-Chlorophenyl-phenylether
 Concen: 41.581 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BG040345.D
 Acq: 4 Apr 2019 4:35

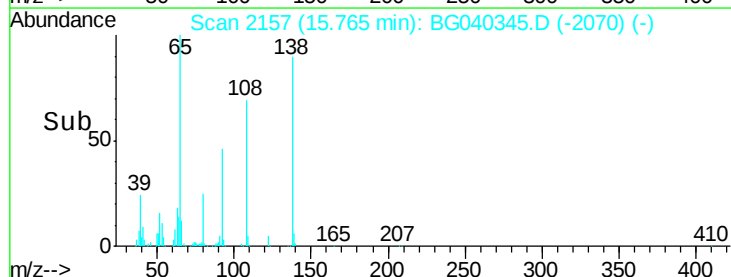
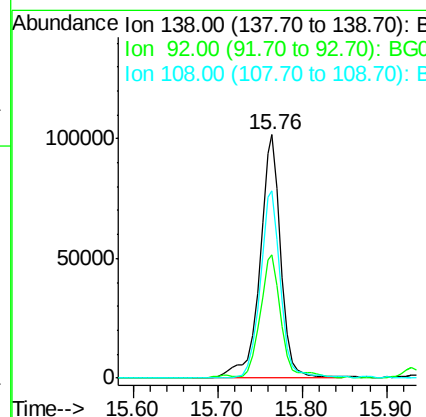
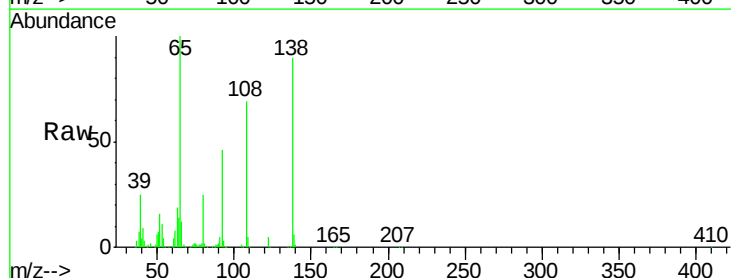
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

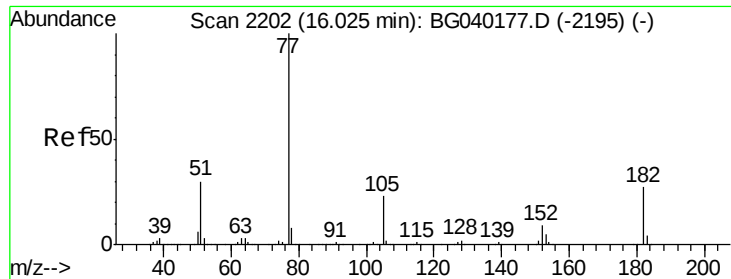
Tgt Ion: 204 Resp: 320476
 Ion Ratio Lower Upper
 204 100
 206 33.0 25.7 38.5
 141 55.8 44.0 66.0



#62
 4-Nitroaniline
 Concen: 45.762 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BG040345.D
 Acq: 4 Apr 2019 4:35

Tgt Ion: 138 Resp: 177069
 Ion Ratio Lower Upper
 138 100
 92 50.8 31.8 71.8
 108 77.0 57.2 97.2

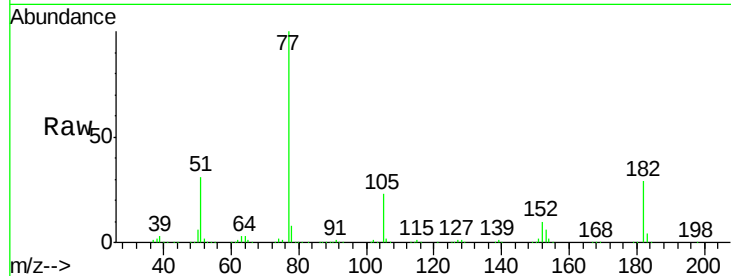




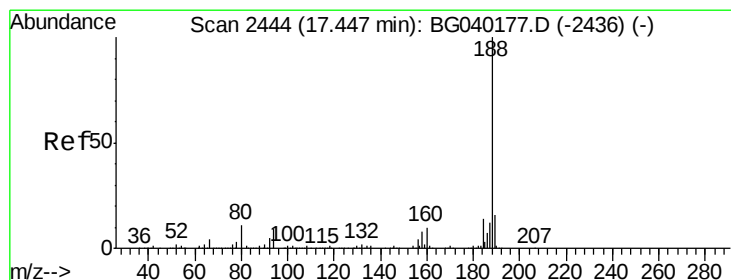
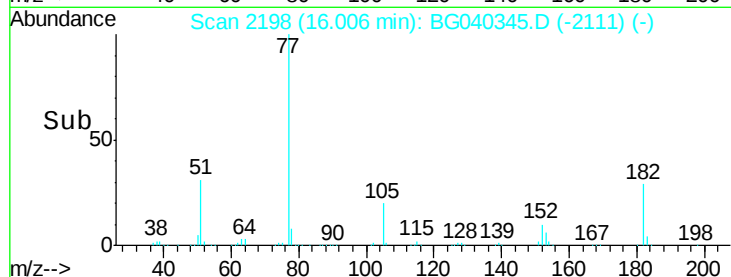
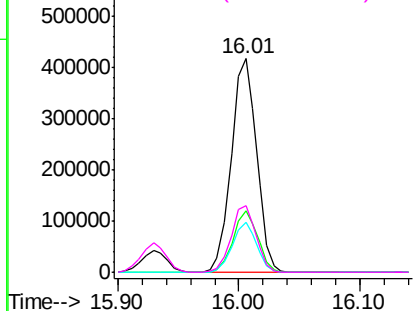
#63
Azobenzene
Concen: 41.647 ng
RT: 16.01 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BG040345.D
Acq: 4 Apr 2019 4:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 609824
Ion Ratio Lower Upper
77 100
182 28.5 7.2 47.2
105 23.2 2.8 42.8
51 31.3 10.4 50.4

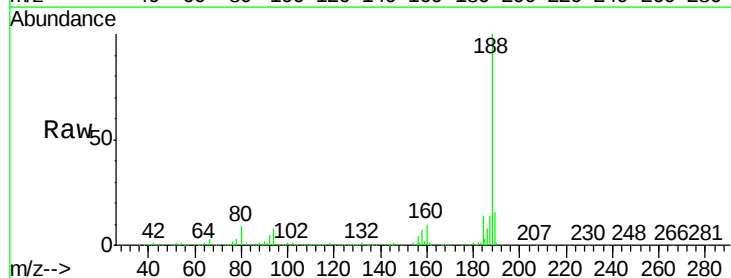


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

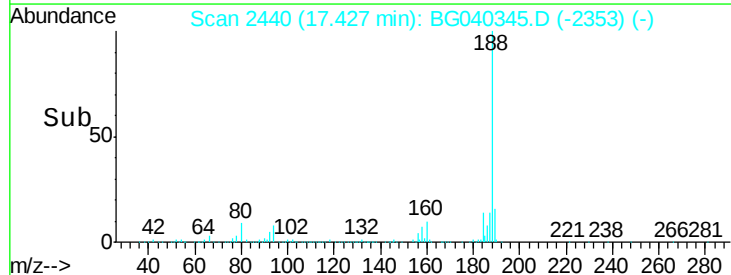
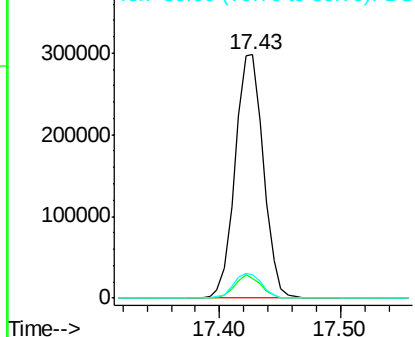


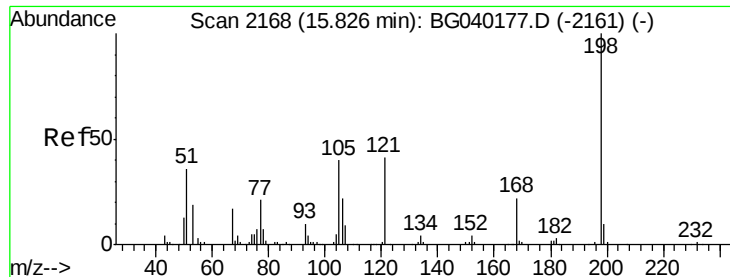
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040345.D
Acq: 4 Apr 2019 4:35

Tgt Ion: 188 Resp: 485462
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.4
80 9.5 8.6 13.0



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: 45.183 ng

RT: 15.81 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

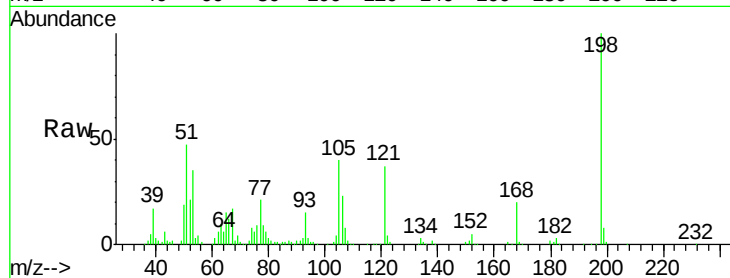
Tgt Ion:198 Resp: 123233

Ion Ratio Lower Upper

198 100

51 47.3 27.3 67.3

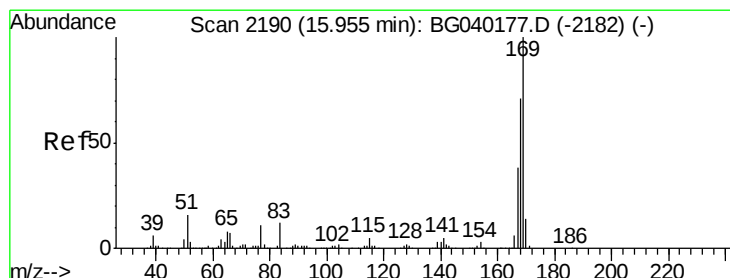
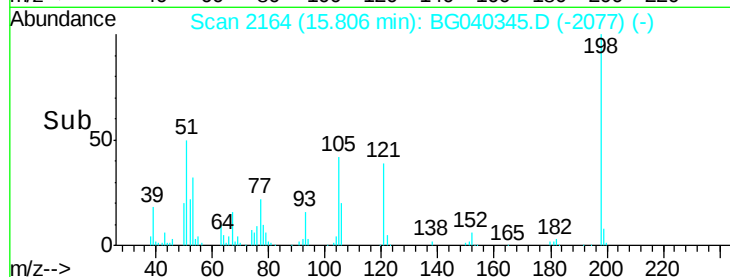
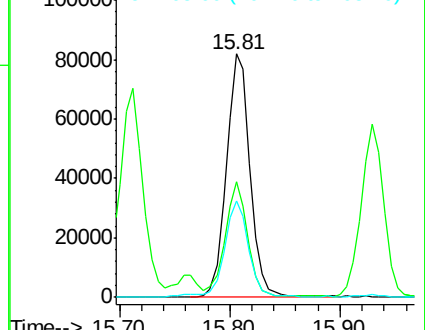
105 39.5 21.7 61.7



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: 39.994 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.03 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

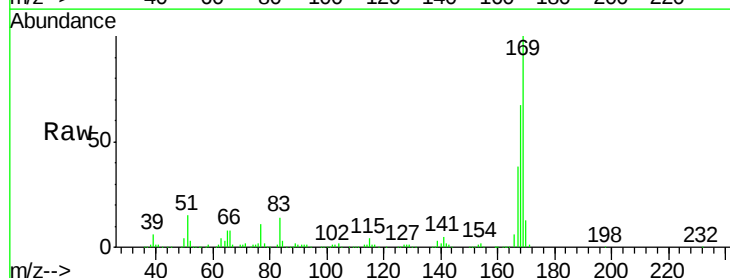
Tgt Ion:169 Resp: 568154

Ion Ratio Lower Upper

169 100

168 67.4 56.8 85.2

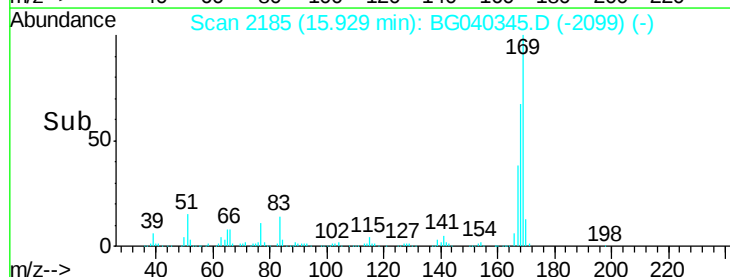
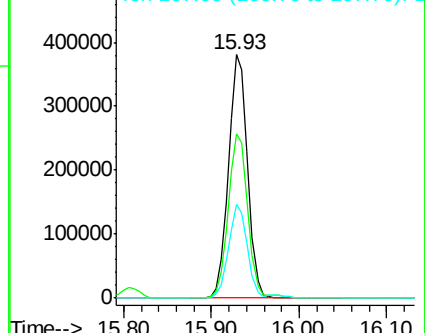
167 38.5 30.2 45.4

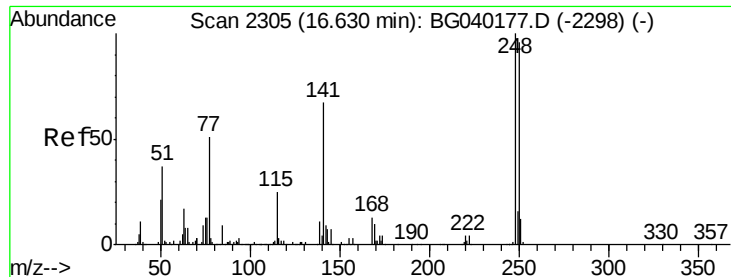


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

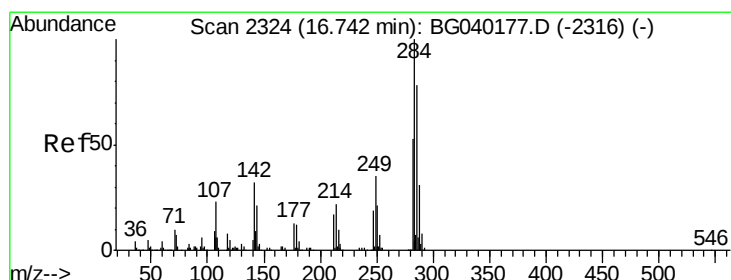
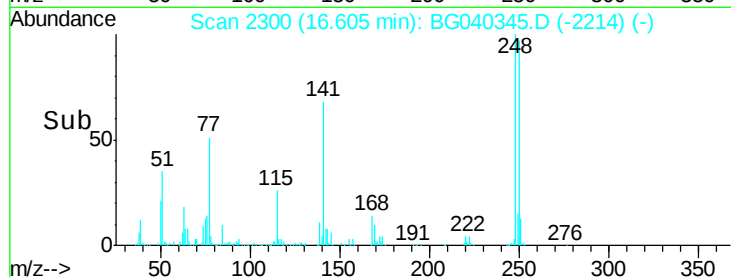
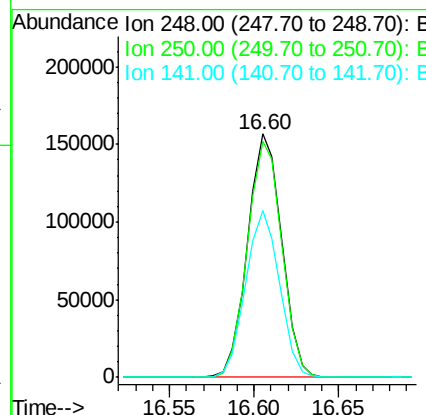
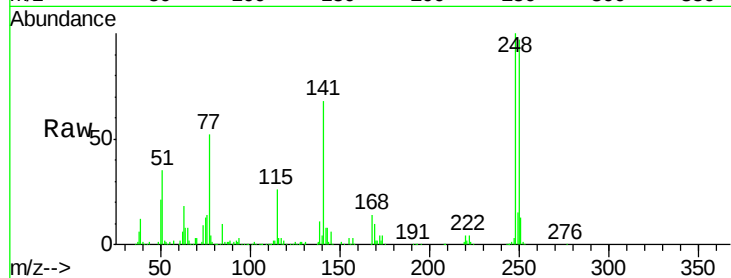




#67
 4-Bromophenyl-phenylether
 Concen: 40.343 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.03 min
 Lab File: BG040345.D
 Acq: 4 Apr 2019 4:35

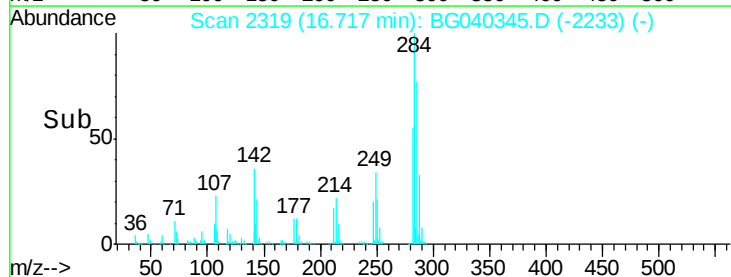
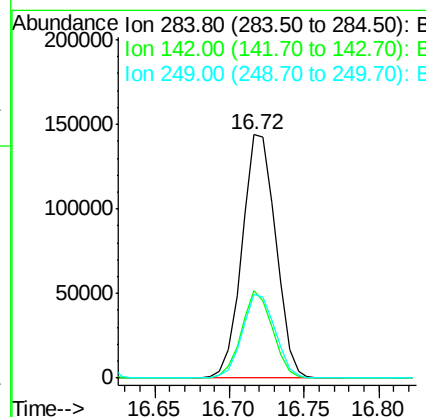
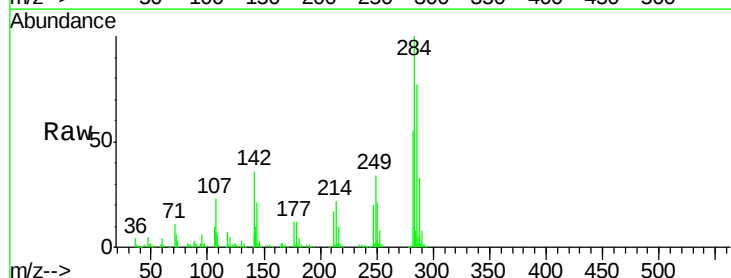
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

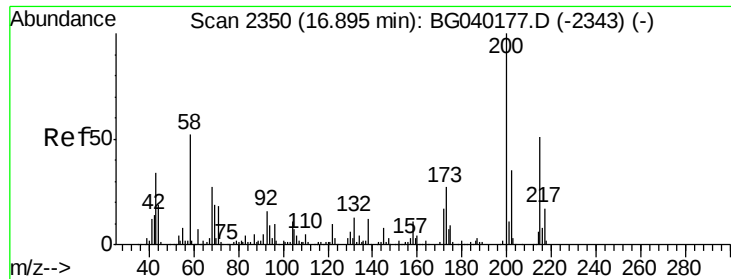
Tgt Ion:248 Resp: 220397
 Ion Ratio Lower Upper
 248 100
 250 96.9 76.4 114.6
 141 68.5 53.8 80.8



#68
 Hexachlorobenzene
 Concen: 40.766 ng
 RT: 16.72 min Scan# 2319
 Delta R.T. -0.03 min
 Lab File: BG040345.D
 Acq: 4 Apr 2019 4:35

Tgt Ion:284 Resp: 223926
 Ion Ratio Lower Upper
 284 100
 142 35.7 25.3 37.9
 249 34.1 28.2 42.2





#69

Atrazine

Concen: 41.951 ng

RT: 16.88 min Scan# 2346

Delta R.T. -0.02 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

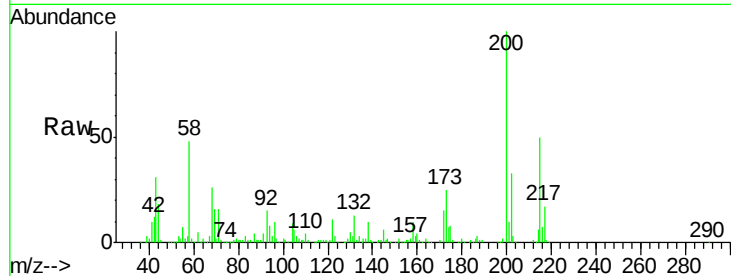
Tgt Ion:200 Resp: 221689

Ion Ratio Lower Upper

200 100

173 25.3 7.1 47.1

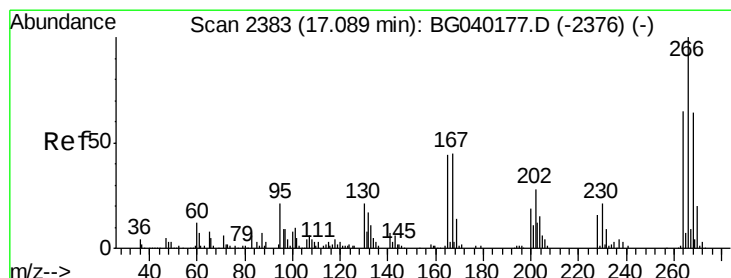
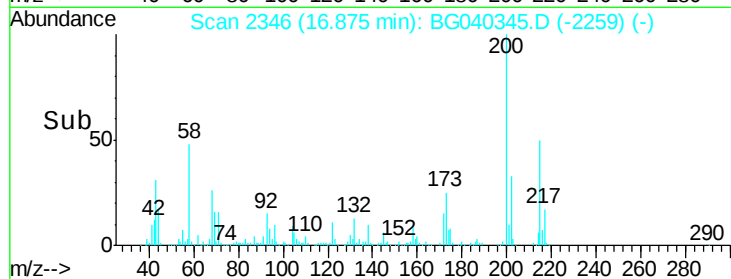
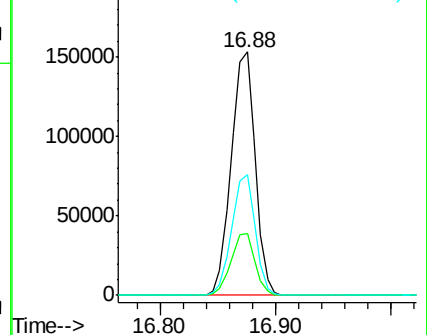
215 49.6 30.9 70.9



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: 63.500 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.02 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

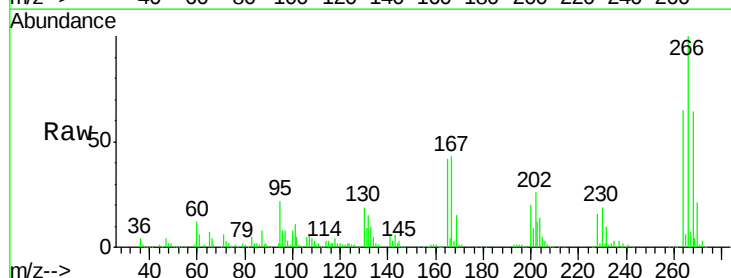
Tgt Ion:266 Resp: 201655

Ion Ratio Lower Upper

266 100

268 63.9 55.0 82.4

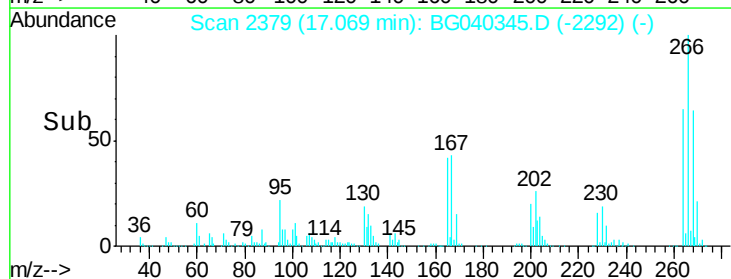
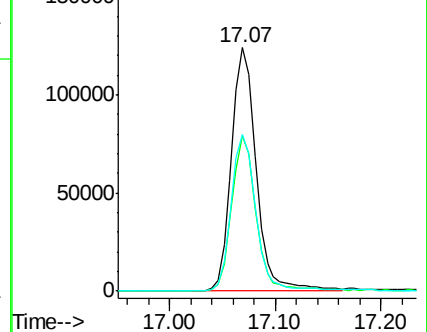
264 64.5 51.8 77.8

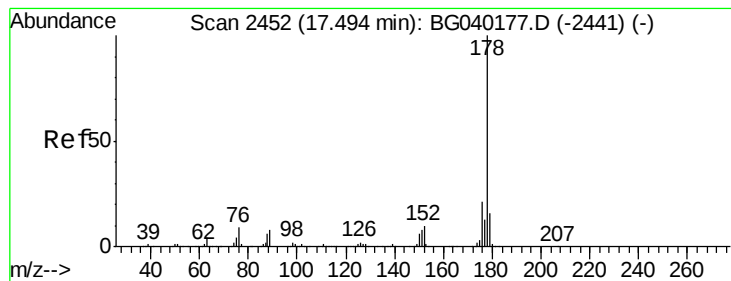


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.644 ng

RT: 17.47 min Scan# 2447

Delta R.T. -0.03 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

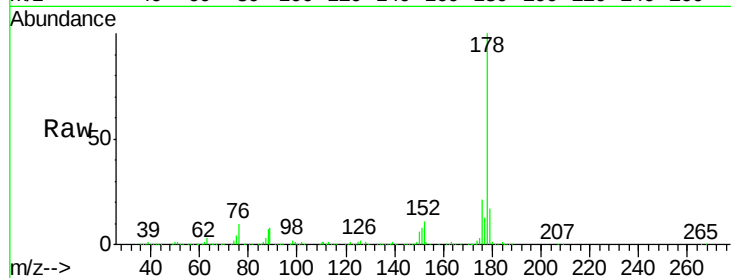
Tgt Ion:178 Resp: 1037097

Ion Ratio Lower Upper

178 100

176 21.0 16.7 25.1

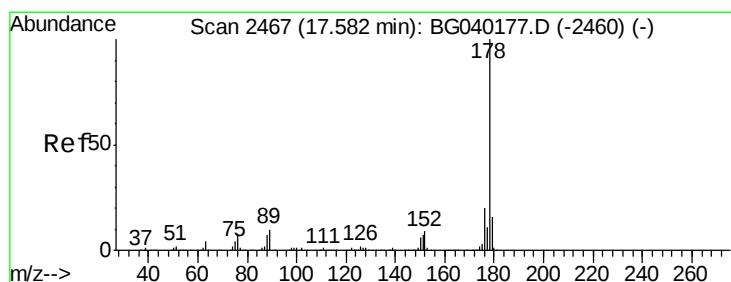
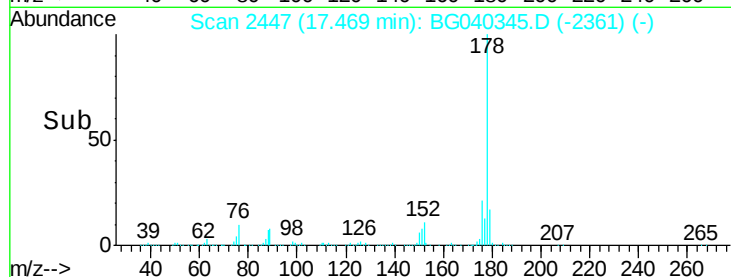
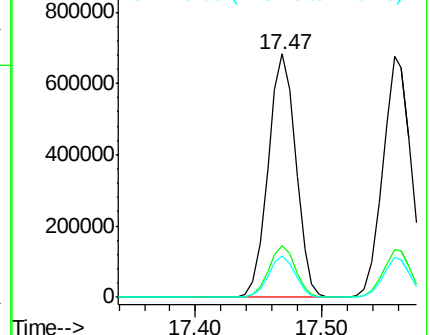
179 16.9 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.776 ng

RT: 17.56 min Scan# 2462

Delta R.T. -0.03 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

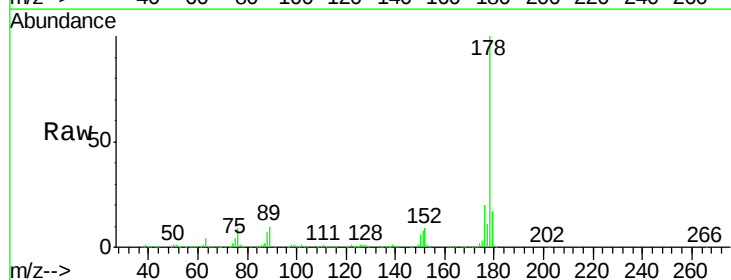
Tgt Ion:178 Resp: 1041430

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

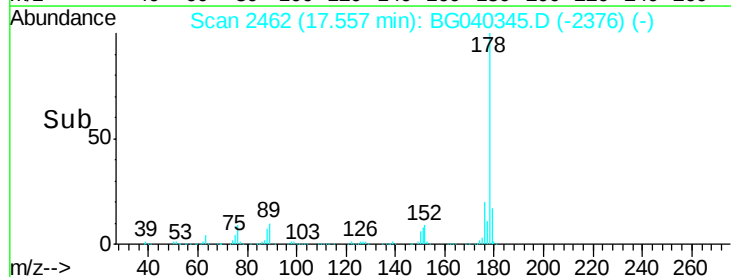
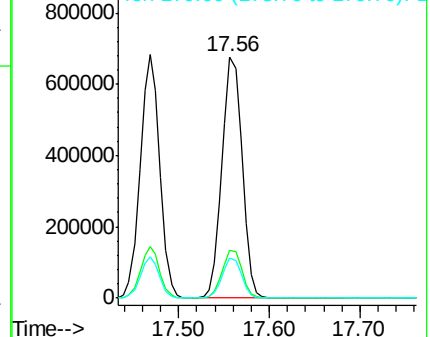
179 16.6 12.9 19.3

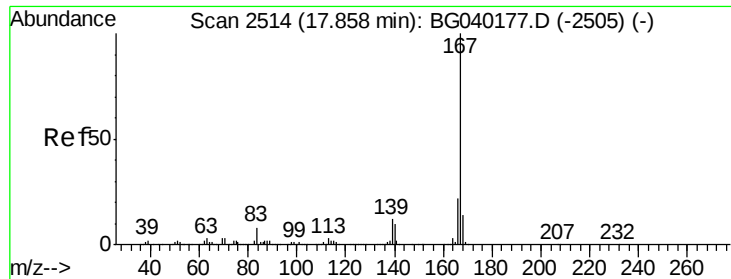


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

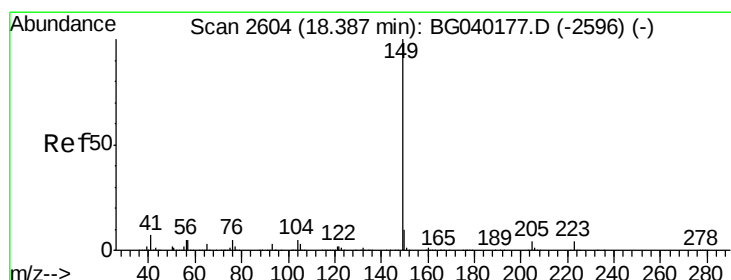
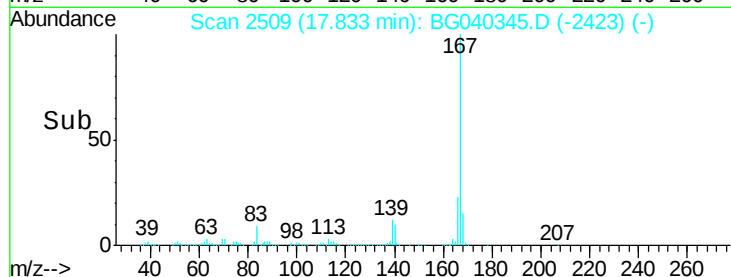
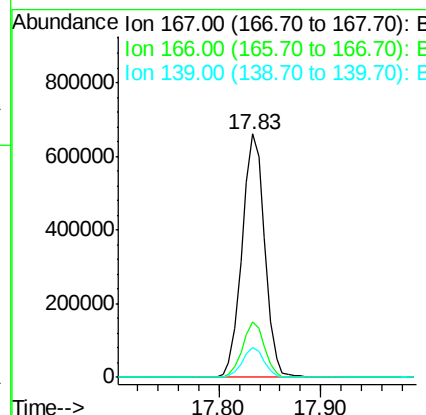
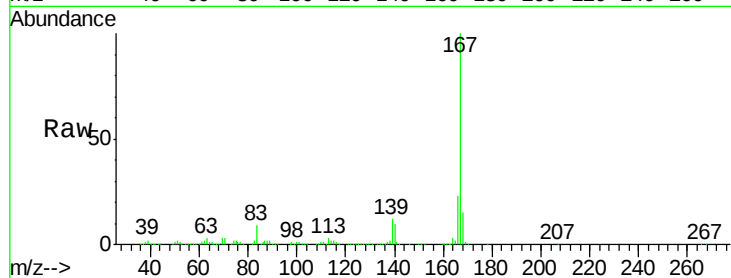




#73
 Carbazole
 Concen: 42.412 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.03 min
 Lab File: BG040345.D
 Acq: 4 Apr 2019 4:35

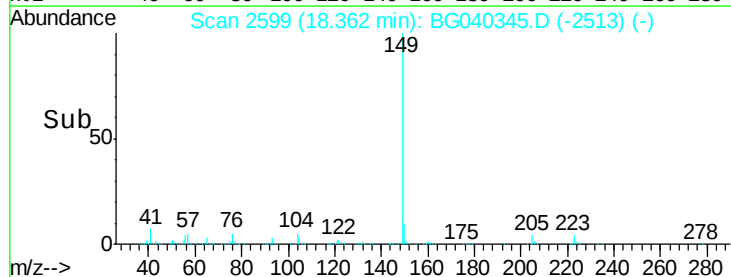
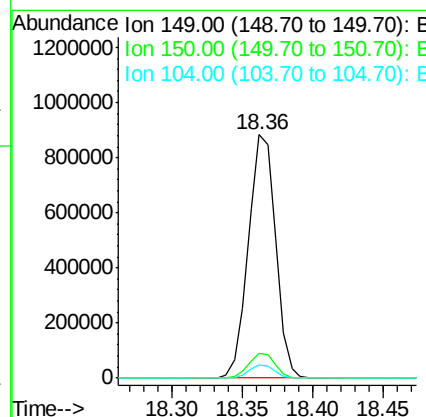
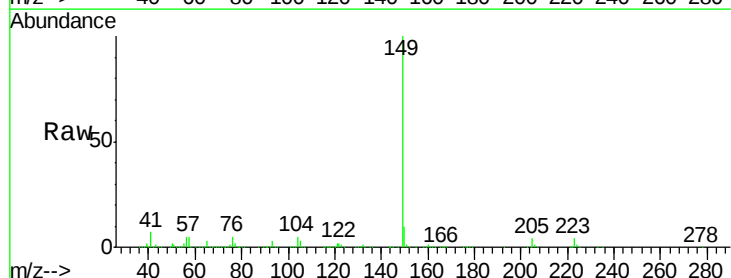
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

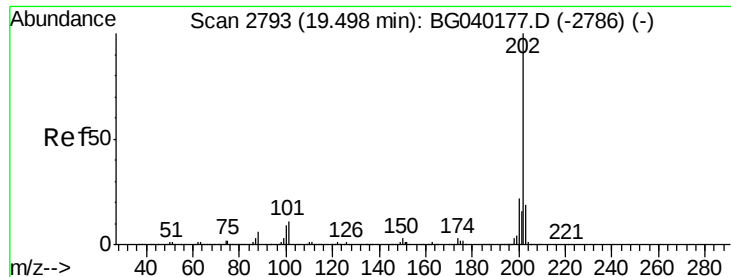
Tgt Ion:167 Resp: 1025149
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.5 26.3
 139 12.1 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 41.772 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.03 min
 Lab File: BG040345.D
 Acq: 4 Apr 2019 4:35

Tgt Ion:149 Resp: 1196818
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.9 11.9
 104 5.5 4.1 6.1





#75

Fluoranthene

Concen: 42.720 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.03 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

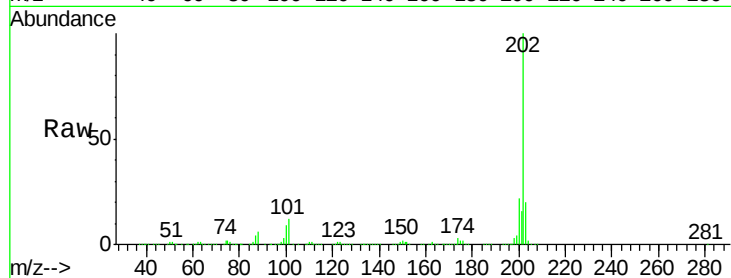
Tgt Ion:202 Resp: 1290800

Ion Ratio Lower Upper

202 100

101 11.7 0.0 30.8

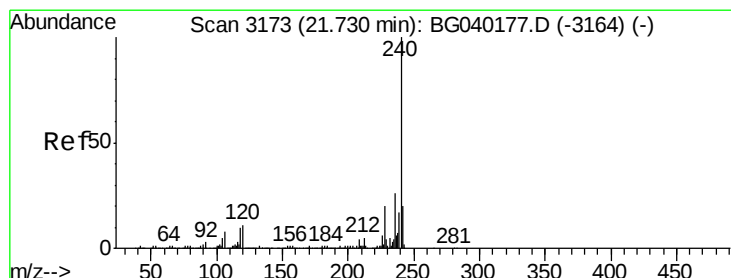
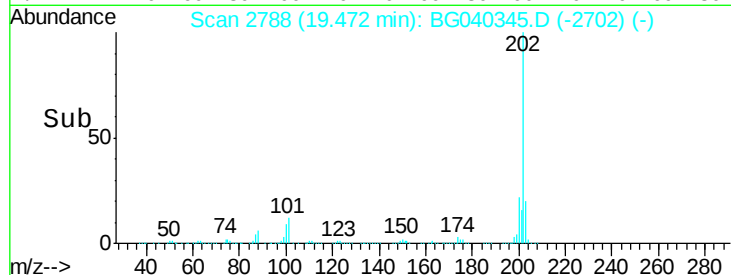
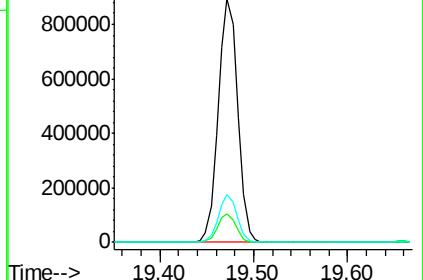
203 19.6 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.03 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

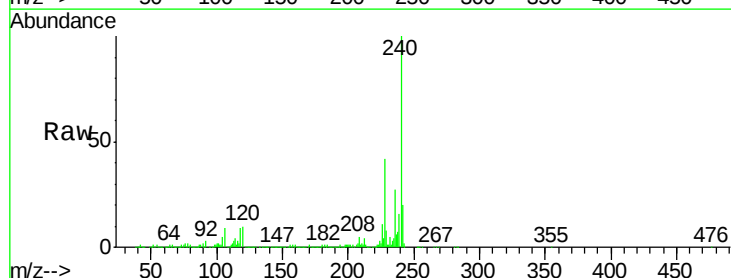
Tgt Ion:240 Resp: 511955

Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

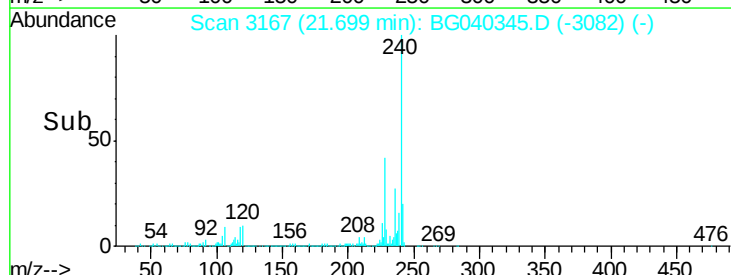
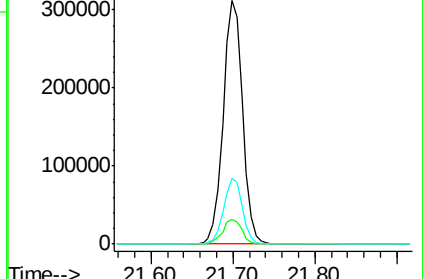
236 27.1 20.8 31.2

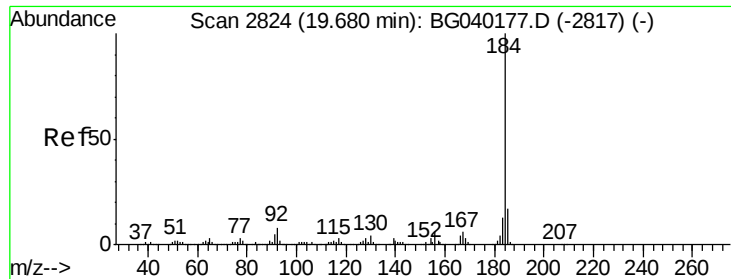


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 51.883 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

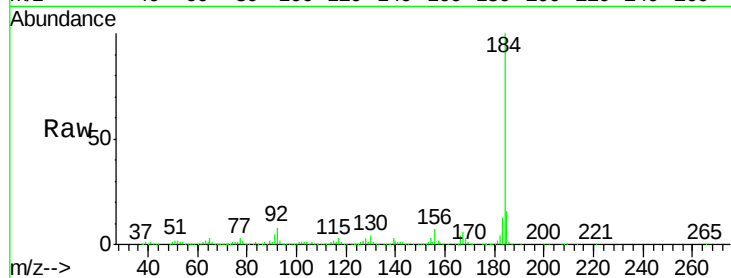
Tgt Ion:184 Resp: 959179

Ion Ratio Lower Upper

184 100

185 16.2 13.3 19.9

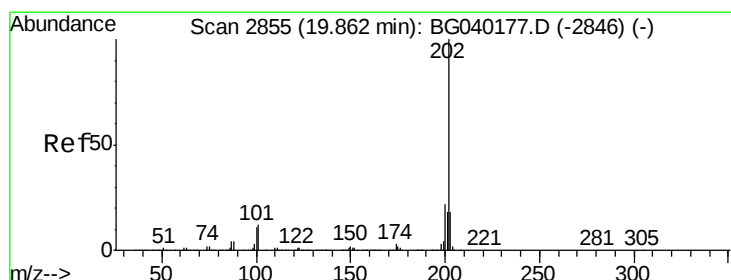
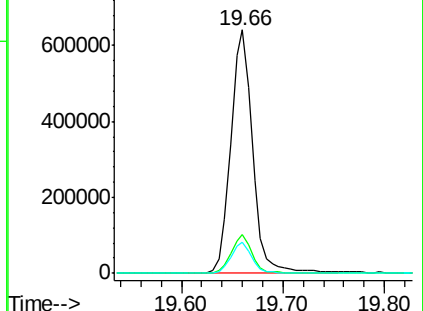
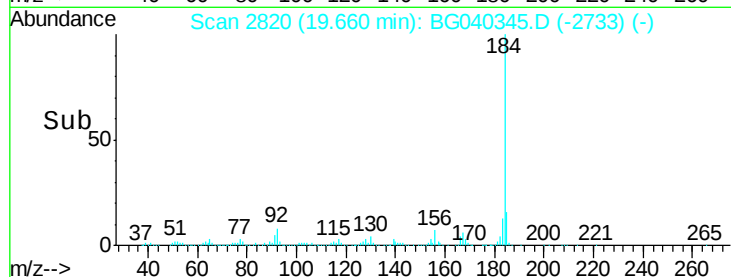
183 12.8 10.3 15.5



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: 38.451 ng

RT: 19.84 min Scan# 2850

Delta R.T. -0.03 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

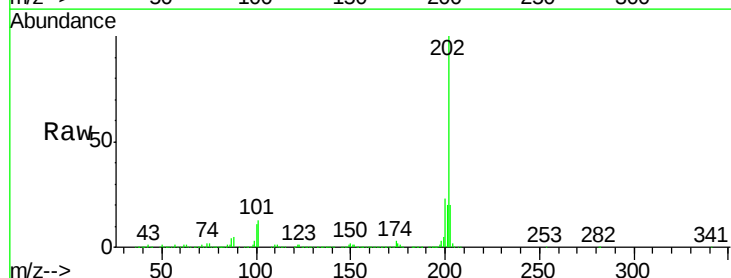
Tgt Ion:202 Resp: 1294510

Ion Ratio Lower Upper

202 100

200 23.4 17.3 25.9

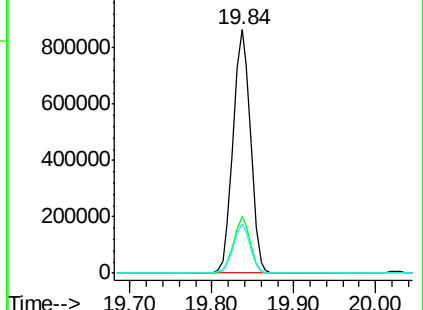
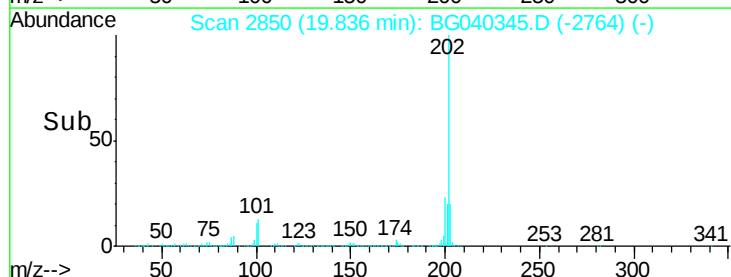
203 19.9 14.6 22.0

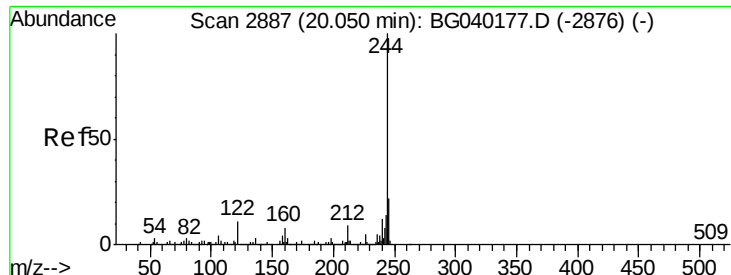


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.431 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

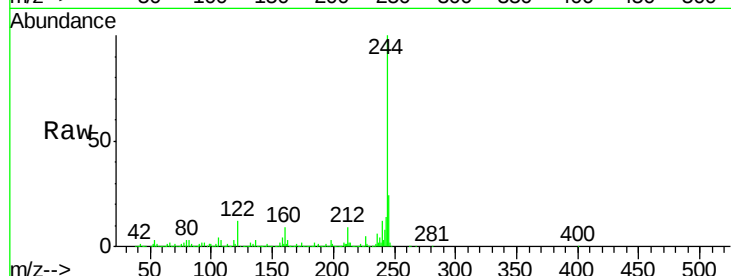
Tgt Ion:244 Resp: 1671072

Ion Ratio Lower Upper

244 100

212 9.4 7.0 10.6

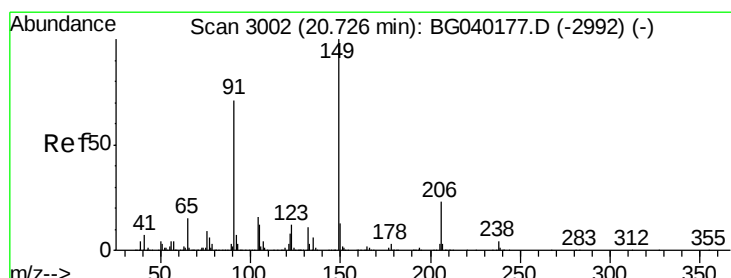
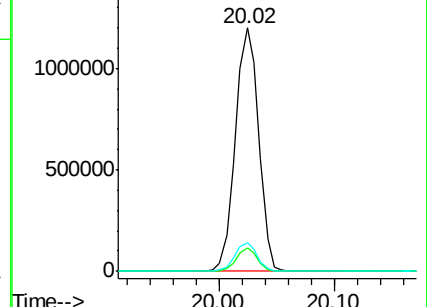
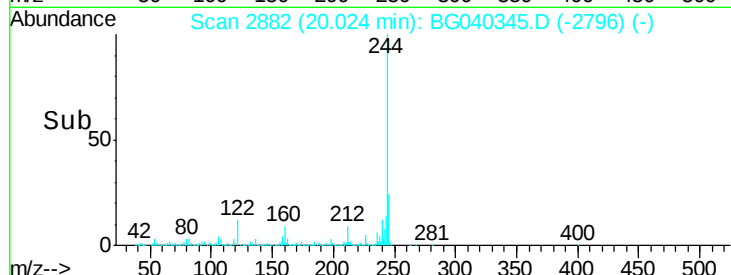
122 11.9 8.5 12.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.297 ng

RT: 20.71 min Scan# 2998

Delta R.T. -0.02 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

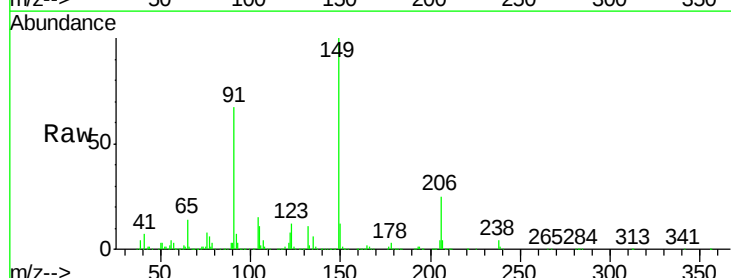
Tgt Ion:149 Resp: 580530

Ion Ratio Lower Upper

149 100

91 66.8 57.0 85.4

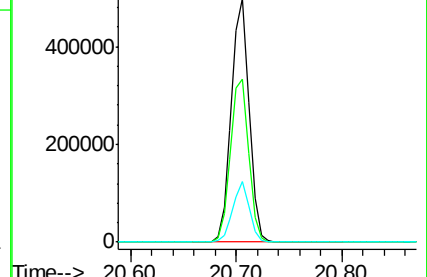
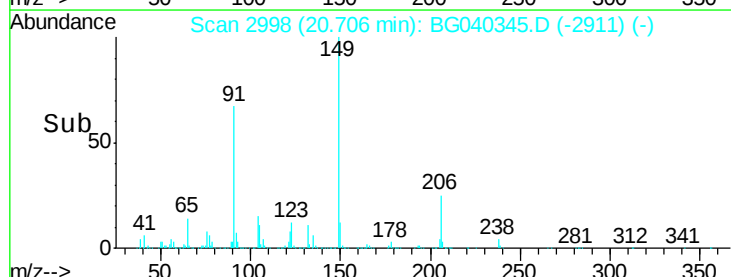
206 24.7 18.2 27.4

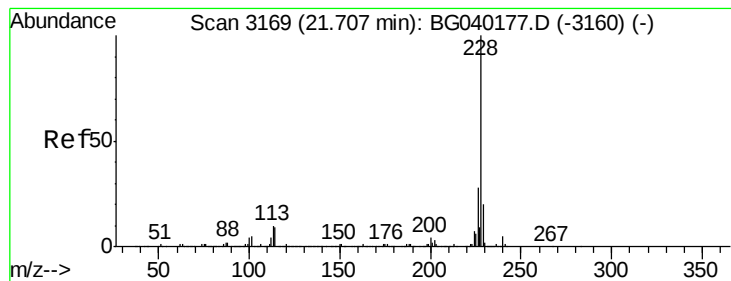


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.549 ng

RT: 21.68 min Scan# 3163

Delta R.T. -0.03 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

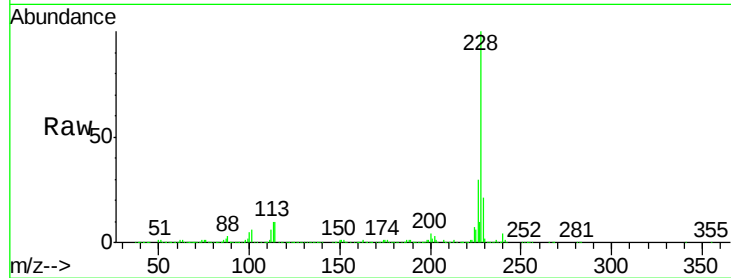
Tgt Ion:228 Resp: 1278653

Ion Ratio Lower Upper

228 100

226 29.5 22.6 34.0

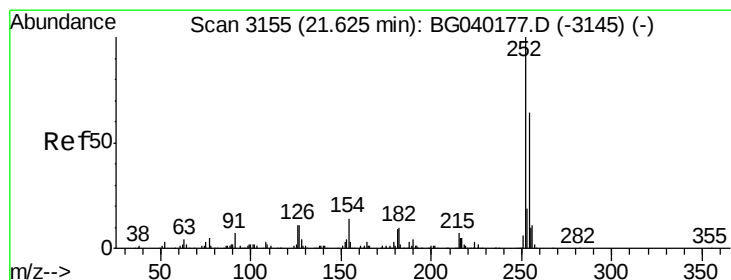
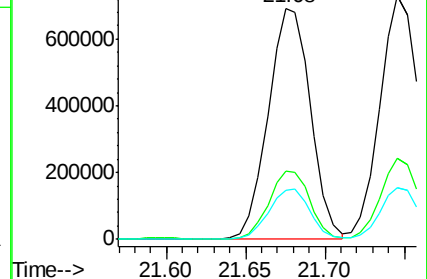
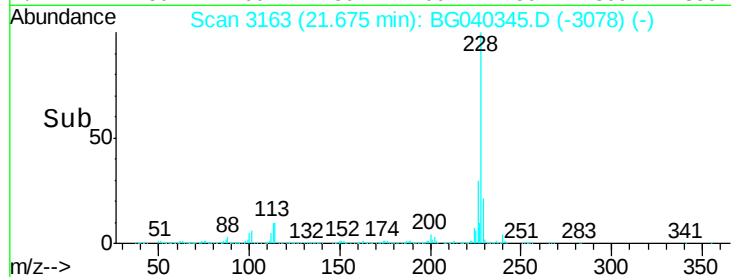
229 21.3 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.156 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.03 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

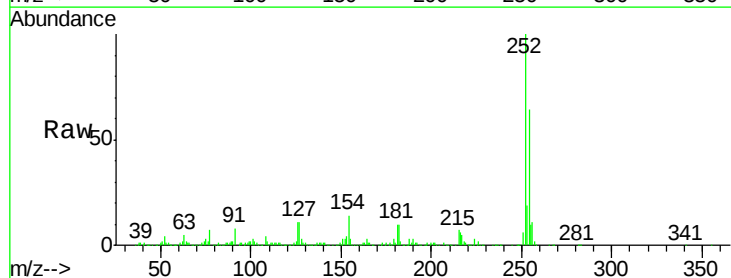
Tgt Ion:252 Resp: 505688

Ion Ratio Lower Upper

252 100

254 64.3 51.4 77.2

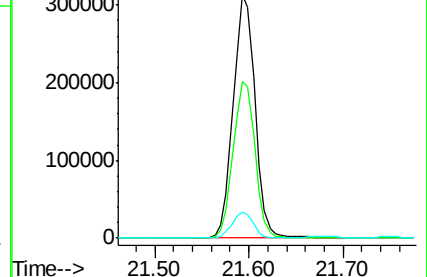
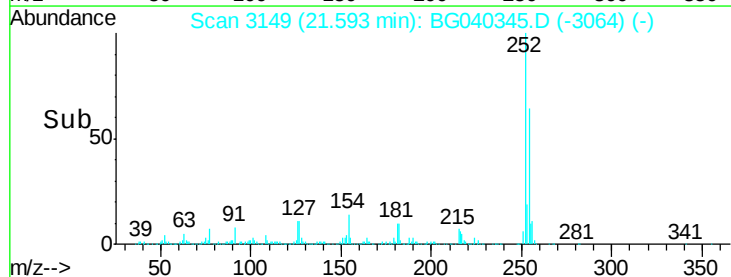
126 10.6 8.5 12.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.711 ng

RT: 21.75 min Scan# 3175

Delta R.T. -0.03 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

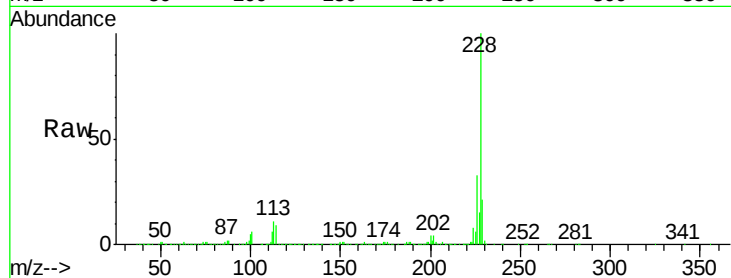
Tgt Ion:228 Resp: 1233784

Ion Ratio Lower Upper

228 100

226 33.2 25.4 38.0

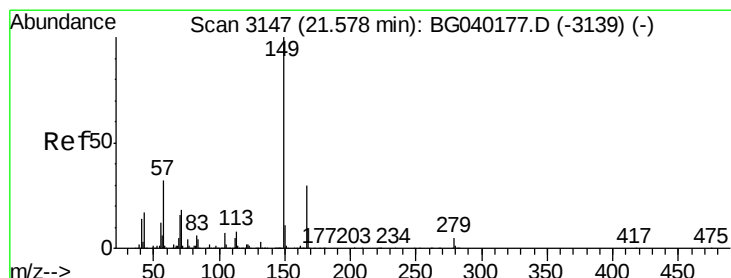
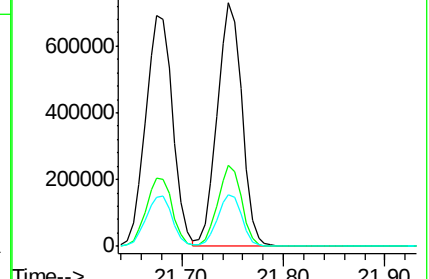
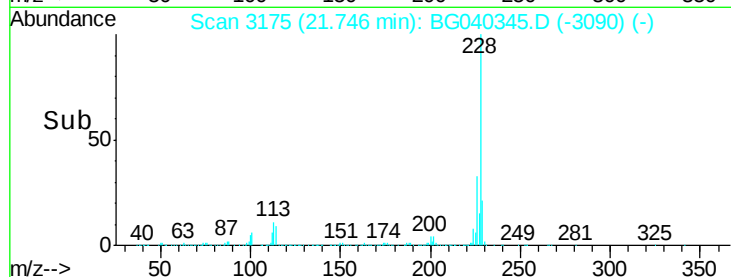
229 21.2 17.0 25.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.808 ng

RT: 21.55 min Scan# 3141

Delta R.T. -0.03 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

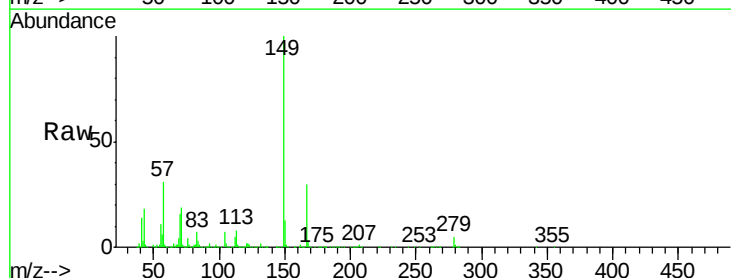
Tgt Ion:149 Resp: 840386

Ion Ratio Lower Upper

149 100

167 29.9 24.1 36.1

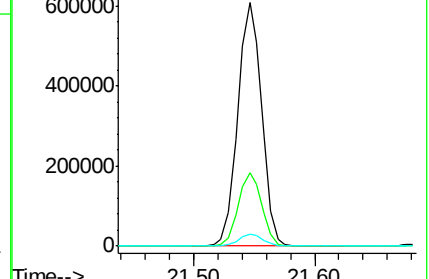
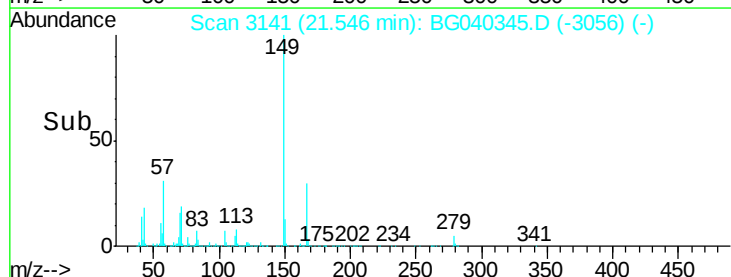
279 4.8 4.1 6.1

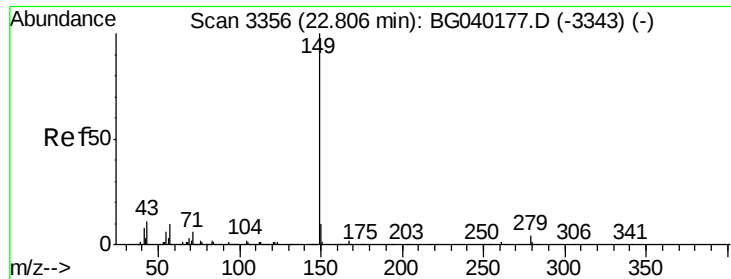


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

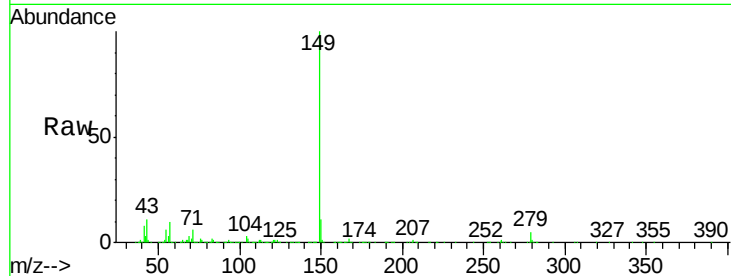




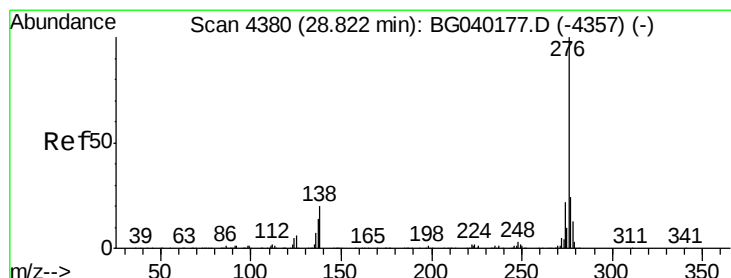
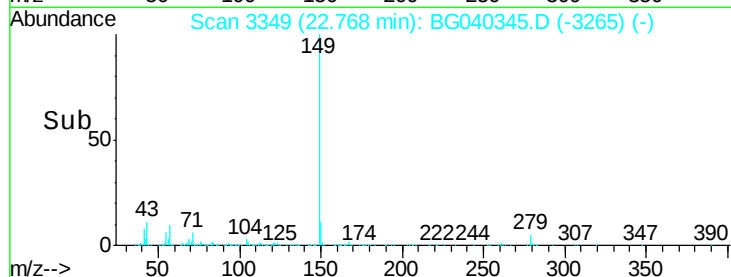
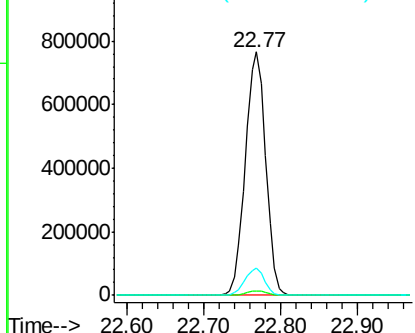
#85
Di-n-octyl phthalate
Concen: 40.533 ng
RT: 22.77 min Scan# 3349
Delta R.T. -0.04 min
Lab File: BG040345.D
Acq: 4 Apr 2019 4:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 1422150
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 10.7 8.7 13.1

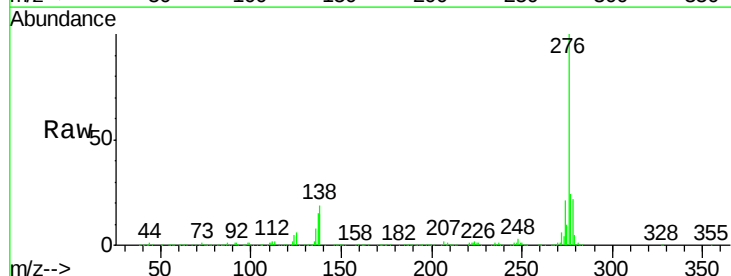


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

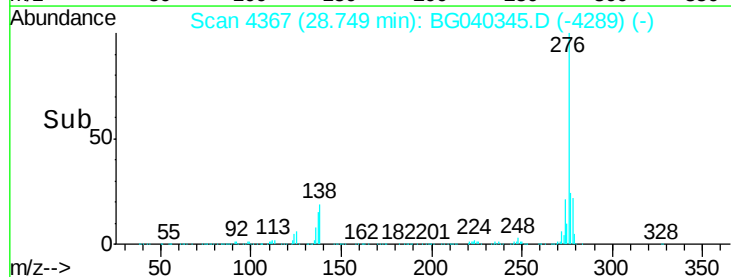
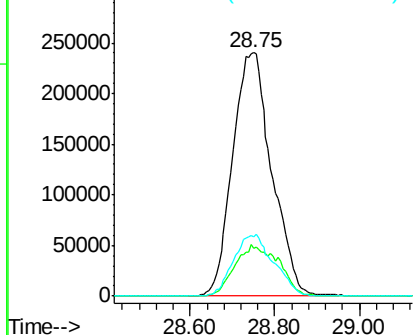


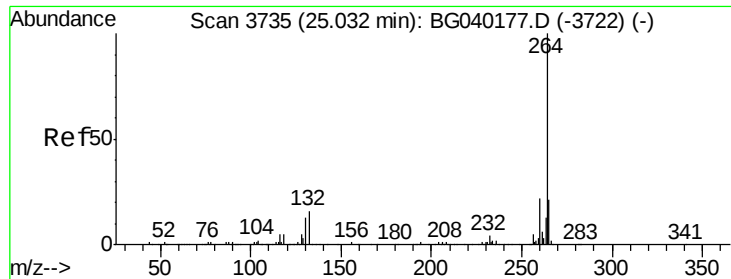
#86
Indeno(1,2,3-cd)pyrene
Concen: 41.589 ng
RT: 28.75 min Scan# 4367
Delta R.T. -0.07 min
Lab File: BG040345.D
Acq: 4 Apr 2019 4:35

Tgt Ion:276 Resp: 1541526
Ion Ratio Lower Upper
276 100
138 23.7 18.8 28.2
277 26.0 21.0 31.4



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

Perylene-d12

Concen: 20.000 ng

RT: 24.98 min Scan# 3725

Delta R.T. -0.05 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

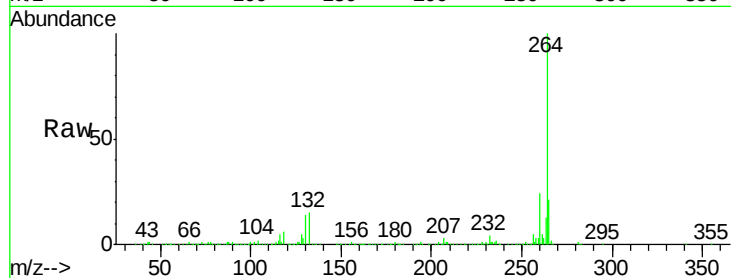
Tgt Ion:264 Resp: 530974

Ion Ratio Lower Upper

264 100

260 24.3 17.9 26.9

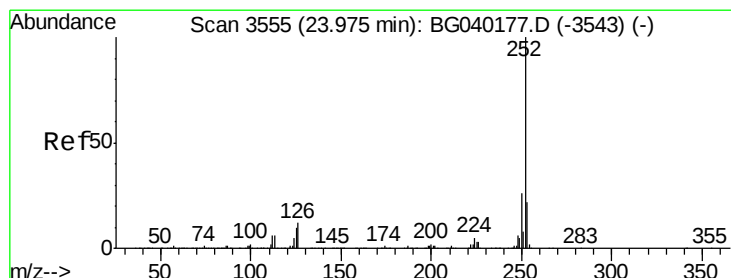
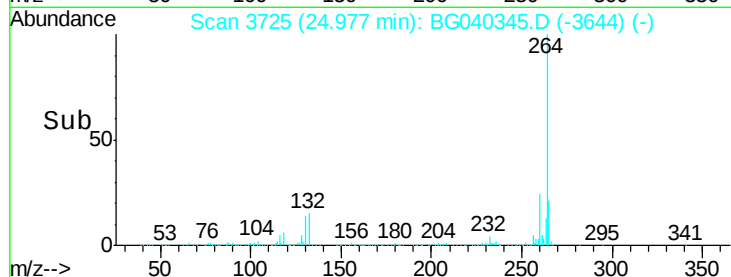
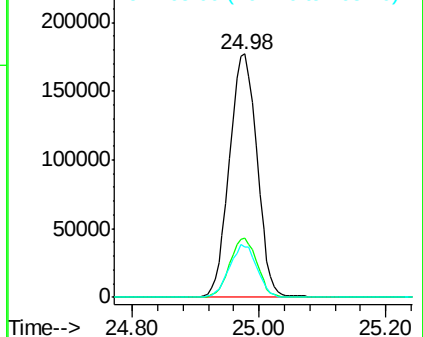
265 20.8 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.532 ng

RT: 23.93 min Scan# 3546

Delta R.T. -0.05 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

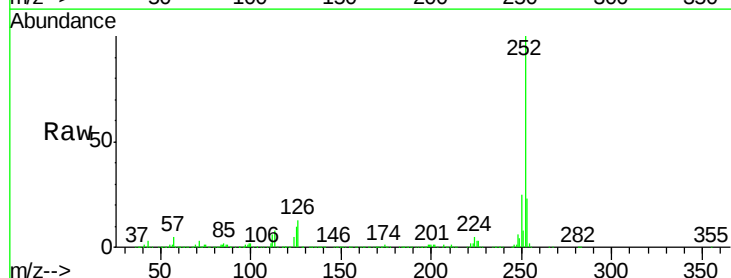
Tgt Ion:252 Resp: 1317620

Ion Ratio Lower Upper

252 100

253 23.1 17.6 26.4

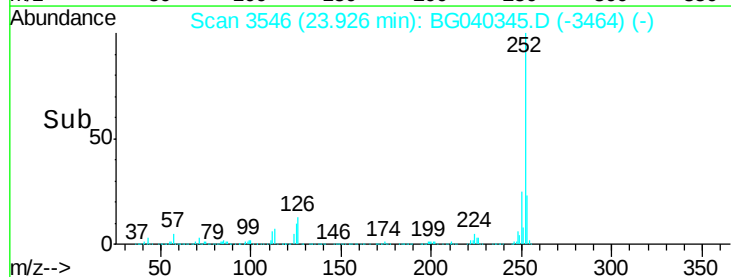
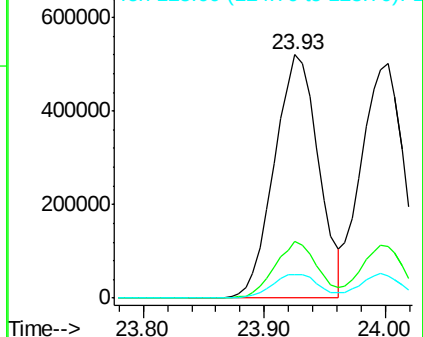
125 9.8 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.208 ng

RT: 24.00 min Scan# 3559

Delta R.T. -0.04 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

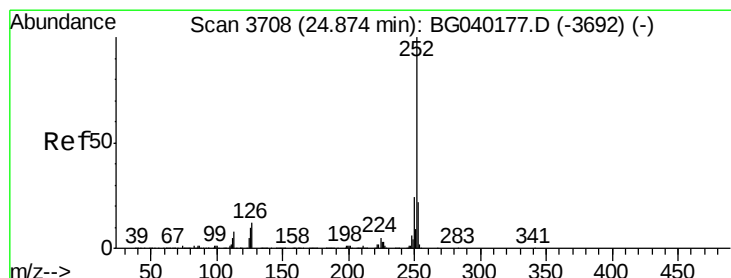
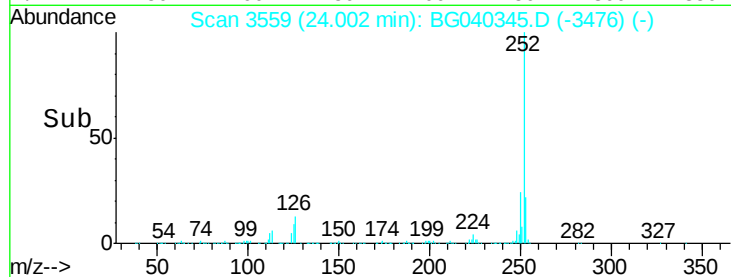
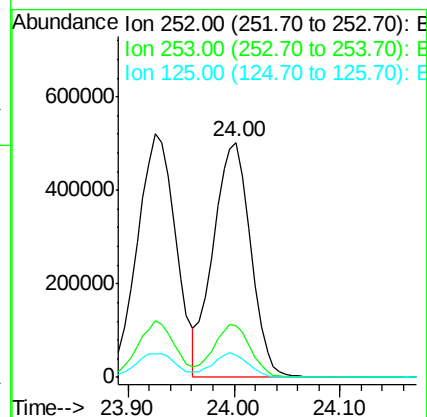
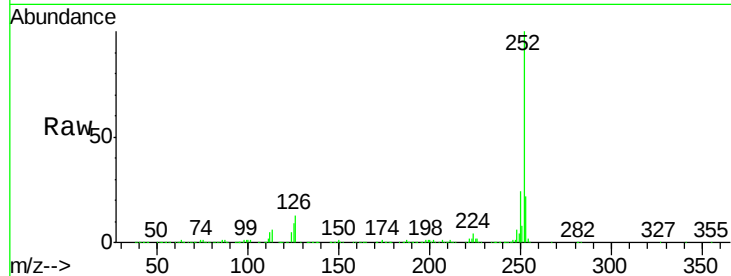
Tgt Ion:252 Resp: 1231909

Ion Ratio Lower Upper

252 100

253 22.0 18.6 28.0

125 9.4 7.3 10.9



#90

Benzo(a)pyrene

Concen: 41.555 ng

RT: 24.82 min Scan# 3699

Delta R.T. -0.05 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

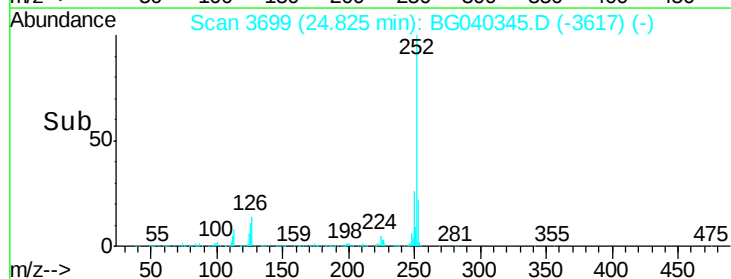
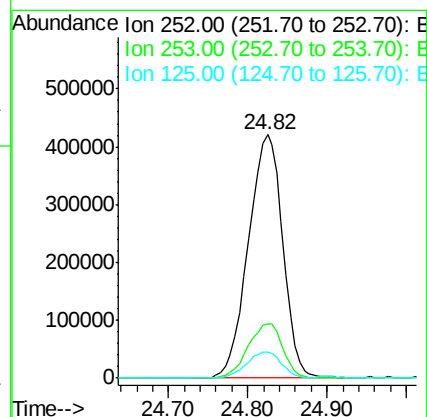
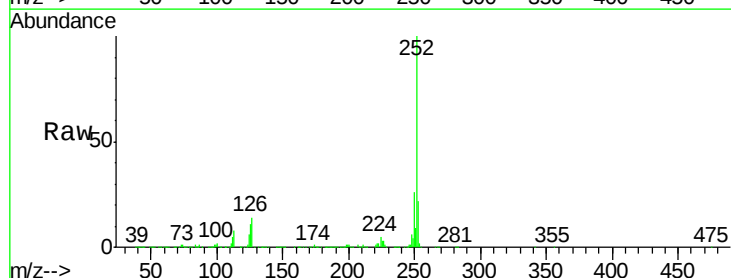
Tgt Ion:252 Resp: 1267477

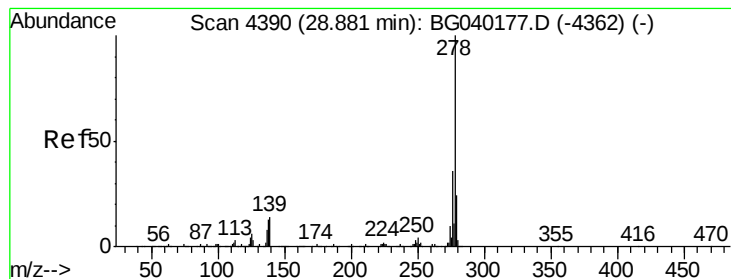
Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 10.8 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 43.016 ng

RT: 28.81 min Scan# 4377

Delta R.T. -0.07 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

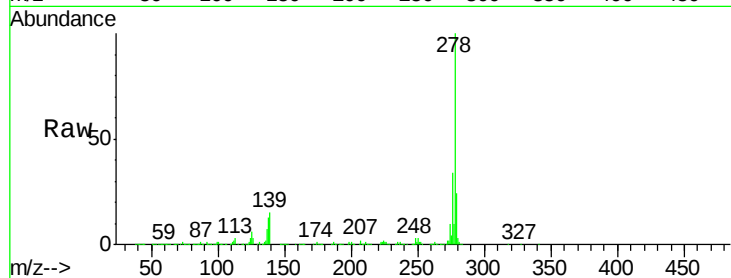
Tgt Ion:278 Resp: 1218579

Ion Ratio Lower Upper

278 100

139 14.8 11.2 16.8

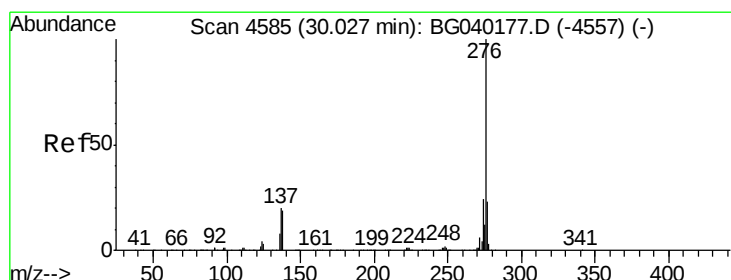
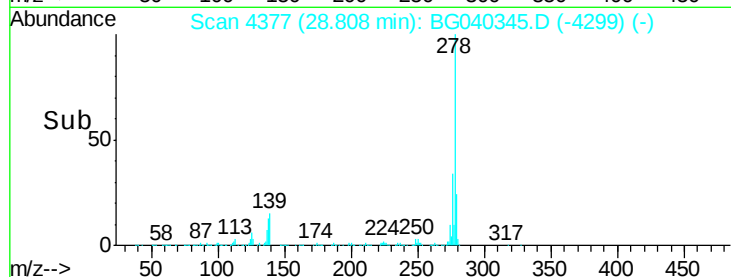
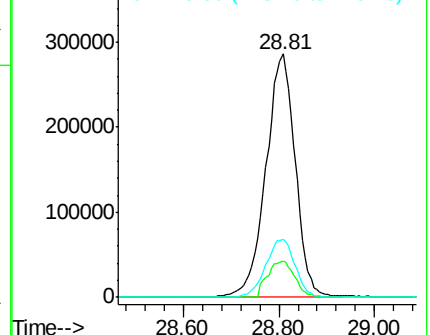
279 23.7 18.9 28.3



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: 42.951 ng

RT: 29.93 min Scan# 4568

Delta R.T. -0.10 min

Lab File: BG040345.D

Acq: 4 Apr 2019 4:35

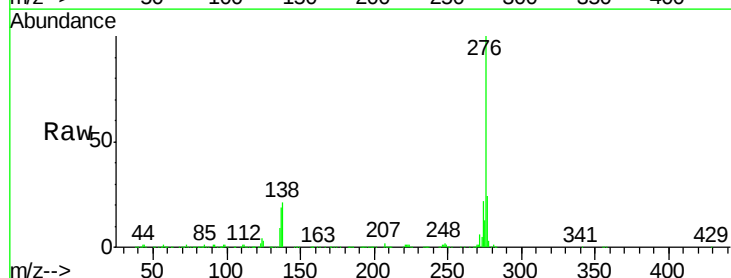
Tgt Ion:276 Resp: 1250443

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 21.1 15.2 22.8



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

