

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG050919\
 Data File : BG040837.D
 Acq On : 10 May 2019 5:52
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: May 10 07:07:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	52560	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	236359	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	175962	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	445872	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	433109	20.00	ng	-0.02
87) Perylene-d12	25.15	264	462395	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	280348	94.02	ng	-0.02
7) Phenol-d6	7.28	99	427620	93.14	ng	-0.02
23) Nitrobenzene-d5	9.32	82	483761	94.57	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	240517	99.44	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	1067256	87.59	ng	-0.02
79) Terphenyl-d14	20.11	244	1804760	92.32	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	61856	45.616	ng	# 88
3) Pyridine	3.95	79	184867	47.035	ng	95
4) n-Nitrosodimethylamine	3.87	42	93927	43.084	ng	# 93
6) Aniline	7.47	93	263249	43.261	ng	99
8) 2-Chlorophenol	7.70	128	165881	45.562	ng	99
9) Benzaldehyde	7.28	77	124164	47.409	ng	97
10) Phenol	7.31	94	231833	46.977	ng	99
11) bis(2-Chloroethyl)ether	7.55	93	162293	43.855	ng	98
12) 1,3-Dichlorobenzene	8.03	146	183012	46.054	ng	96
13) 1,4-Dichlorobenzene	8.18	146	185049	45.936	ng	98
14) 1,2-Dichlorobenzene	8.50	146	176851	45.522	ng	98
15) Benzyl Alcohol	8.38	79	200897	42.056	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.67	45	272808	37.027	ng	96
17) 2-Methylphenol	8.57	107	151174	43.286	ng	96
18) Hexachloroethane	9.23	117	70081	42.409	ng	93
19) n-Nitroso-di-n-propylamine	8.95	70	167533	40.539	ng	98
20) 3+4-Methylphenols	8.90	107	215574	44.309	ng	94
22) Acetophenone	8.97	105	291606	44.367	ng	# 95
24) Nitrobenzene	9.36	77	251476	46.077	ng	96
25) Isophorone	9.88	82	453239	39.778	ng	99
26) 2-Nitrophenol	10.07	139	104891	53.615	ng	97
27) 2,4-Dimethylphenol	10.11	122	157089	42.796	ng	99
28) bis(2-Chloroethoxy)methane	10.36	93	239647	41.920	ng	97
29) 2,4-Dichlorophenol	10.60	162	200616	48.074	ng	95
30) 1,2,4-Trichlorobenzene	10.82	180	221389	47.840	ng	98
31) Naphthalene	11.02	128	553297	44.063	ng	98
32) Benzoic acid	10.25	122	110892	44.130	ng	89
33) 4-Chloroaniline	11.12	127	247764	44.502	ng	96
34) Hexachlorobutadiene	11.28	225	168116	49.207	ng	98
35) Caprolactam	11.92	113	71569	43.439	ng	93
36) 4-Chloro-3-methylphenol	12.22	107	243659	46.284	ng	97
37) 2-Methylnaphthalene	12.61	142	420312	44.768	ng	98
38) 1-Methylnaphthalene	12.83	142	408916	44.560	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	308949	47.132	ng	98

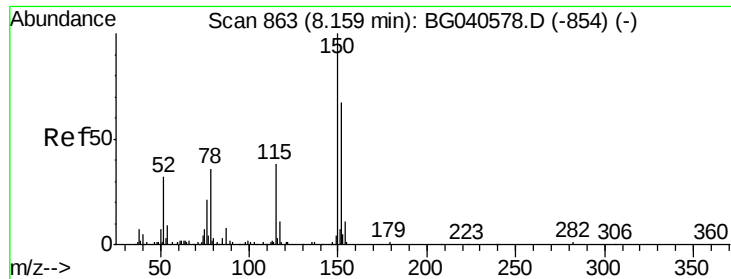
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG050919\
 Data File : BG040837.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	183062	47.327	ng	98
43) 2,4,6-Trichlorophenol	13.20	196	189690	47.886	ng	99
44) 2,4,5-Trichlorophenol	13.27	196	207536	48.094	ng	97
46) 1,1'-Biphenyl	13.61	154	592233	43.349	ng	97
47) 2-Chloronaphthalene	13.66	162	478709	44.774	ng	97
48) 2-Nitroaniline	13.87	65	190207	49.978	ng	96
49) Acenaphthylene	14.50	152	766205	42.239	ng	98
50) Dimethylphthalate	14.22	163	635179	43.144	ng	99
51) 2,6-Dinitrotoluene	14.35	165	146806	51.092	ng	90
52) Acenaphthene	14.83	154	446976	42.312	ng	96
53) 3-Nitroaniline	14.68	138	145419	49.394	ng	# 93
54) 2,4-Dinitrophenol	14.88	184	74533	48.974	ng	# 87
55) Dibenzofuran	15.17	168	763989	44.154	ng	100
56) 4-Nitrophenol	14.96	139	117731	46.118	ng	88
57) 2,4-Dinitrotoluene	15.13	165	207143	53.053	ng	90
58) Fluorene	15.82	166	611830	43.748	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	205009	47.201	ng	97
60) Diethylphthalate	15.57	149	660833	42.543	ng	99
61) 4-Chlorophenyl-phenylether	15.80	204	373426	45.910	ng	97
62) 4-Nitroaniline	15.85	138	152826	46.405	ng	86
63) Azobenzene	16.10	77	638812	39.933	ng	95
65) 4,6-Dinitro-2-methylphenol	15.89	198	103449	47.223	ng	92
66) n-Nitrosodiphenylamine	16.02	169	548087	41.781	ng	99
67) 4-Bromophenyl-phenylether	16.70	248	253421	45.621	ng	95
68) Hexachlorobenzene	16.81	284	261604	45.545	ng	98
69) Atrazine	16.96	200	177324	34.118	ng	97
70) Pentachlorophenol	17.16	266	152785	45.457	ng	97
71) Phenanthrene	17.56	178	1012631	42.165	ng	97
72) Anthracene	17.65	178	1010014	41.840	ng	99
73) Carbazole	17.92	167	898812	40.867	ng	100
74) Di-n-butylphthalate	18.45	149	1068352	40.246	ng	100
75) Fluoranthene	19.56	202	1271780	42.495	ng	99
77) Benzidine	19.74	184	427759	36.071	ng	99
78) Pyrene	19.92	202	1281857	47.222	ng	98
80) Butylbenzylphthalate	20.79	149	486423	45.976	ng	95
81) Benzo(a)anthracene	21.78	228	1283700	46.897	ng	98
82) 3,3'-Dichlorobenzidine	21.69	252	452625	46.393	ng	99
83) Chrysene	21.85	228	1231691	47.314	ng	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	684480	44.818	ng	97
85) Di-n-octyl phthalate	22.90	149	1133623	44.075	ng	97
86) Indeno(1,2,3-cd)pyrene	29.01	276	1329268	42.233	ng	# 92
88) Benzo(b)fluoranthene	24.08	252	1260132	44.596	ng	97
89) Benzo(k)fluoranthene	24.15	252	1166510	44.205	ng	99
90) Benzo(a)pyrene	25.00	252	1169637	43.730	ng	98
91) Dibenzo(a,h)anthracene	29.08	278	1008258	37.250	ng	98
92) Benzo(g,h,i)perylene	30.23	276	1085132	40.282	ng	97

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

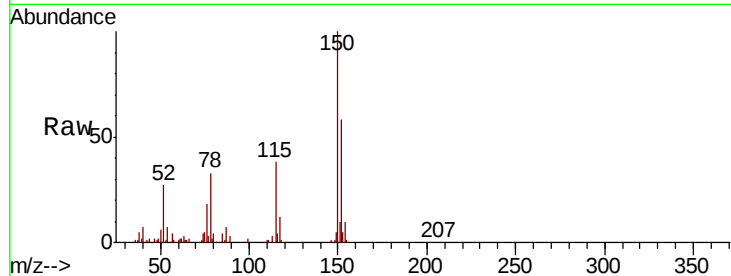


#1

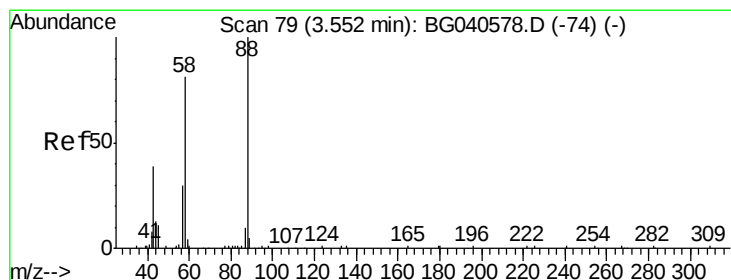
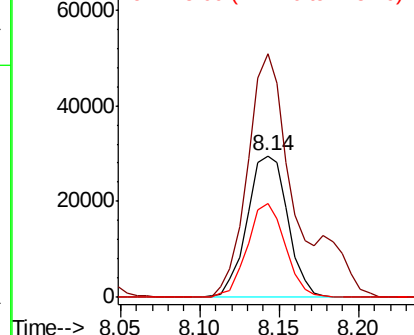
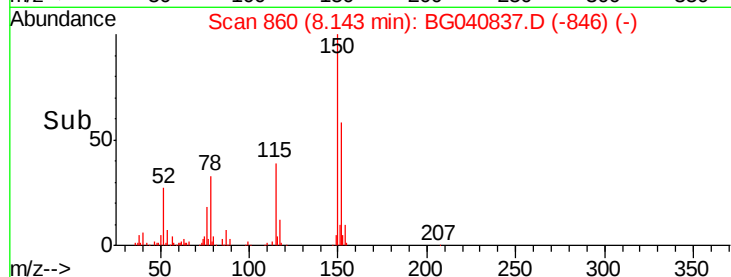
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.14 min Scan# 860
 Delta R.T. -0.02 min
 Lab File: BG040837.D
 Acq: 10 May 2019 5:52

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	172.4	120.2	180.2
115	66.2	46.2	69.2



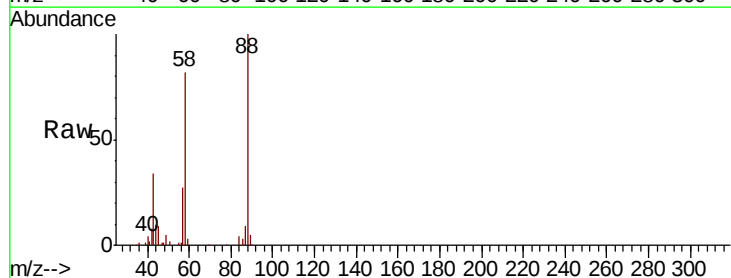
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



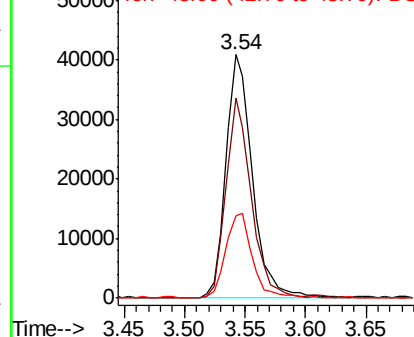
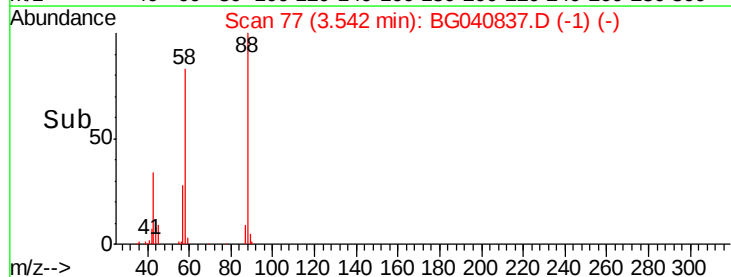
#2

1,4-Dioxane
 Concen: 45.616 ng
 RT: 3.54 min Scan# 77
 Delta R.T. -0.01 min
 Lab File: BG040837.D
 Acq: 10 May 2019 5:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.3	71.2	106.8
43	35.1	35.6	53.4



Abundance Ion 88.00 (87.70 to 88.70): BGC
 Ion 58.00 (57.70 to 58.70): BGC
 Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 47.035 ng

RT: 3.95 min Scan# 147

Delta R.T. -0.02 min

Lab File: BG040837.D

Acq: 10 May 2019 5:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

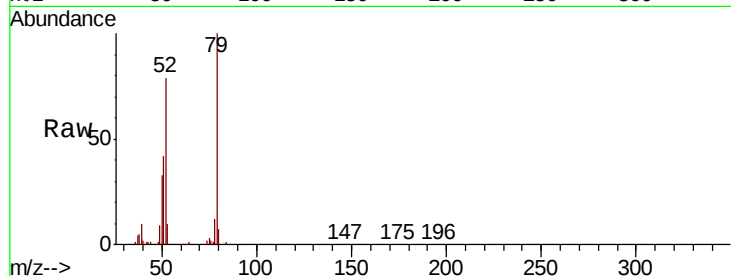
Tgt Ion: 79 Resp: 184867

Ion Ratio Lower Upper

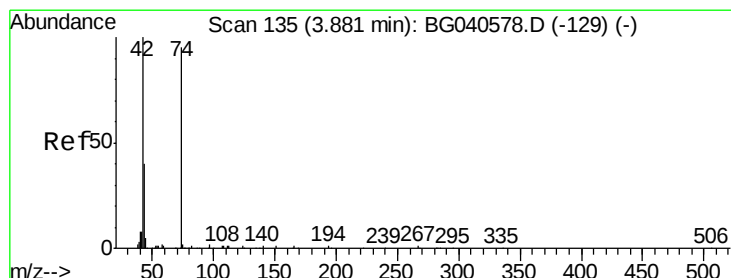
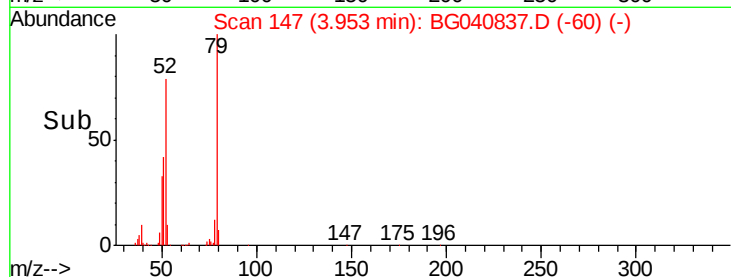
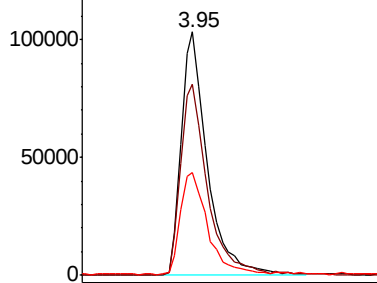
79 100

52 78.6 67.5 101.3

51 42.5 35.6 53.4



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: 43.084 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG040837.D

Acq: 10 May 2019 5:52

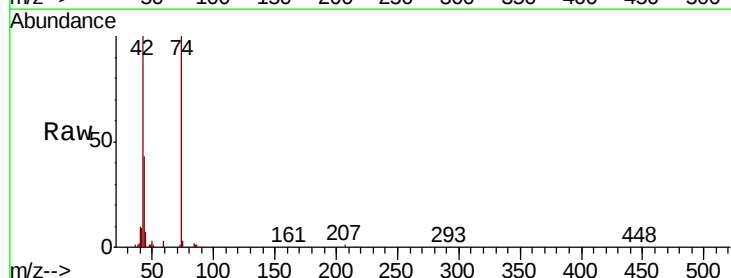
Tgt Ion: 42 Resp: 93927

Ion Ratio Lower Upper

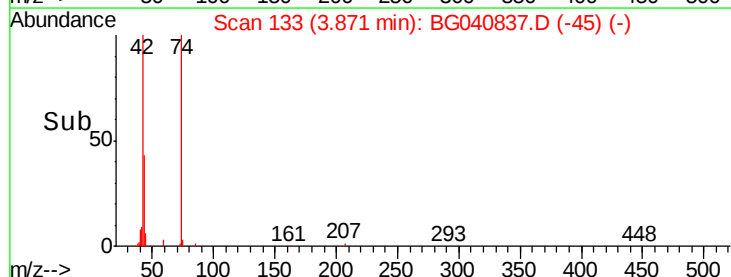
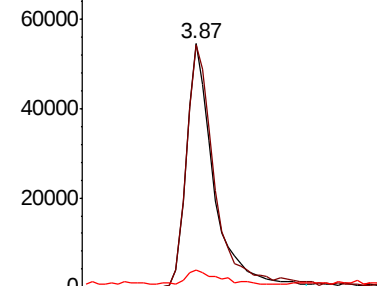
42 100

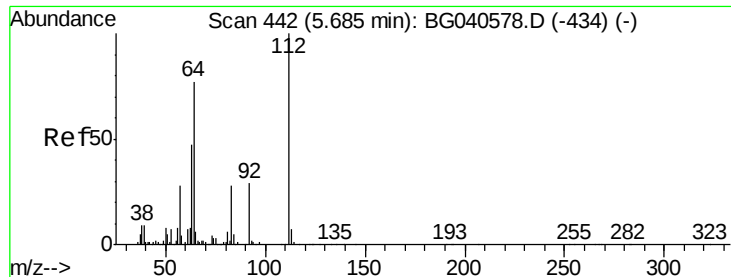
74 99.5 74.6 111.8

44 7.2 7.4 11.0#



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: 94.024 ng

RT: 5.67 min Scan# 439

Delta R.T. -0.02 min

Lab File: BG040837.D

Acq: 10 May 2019 5:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

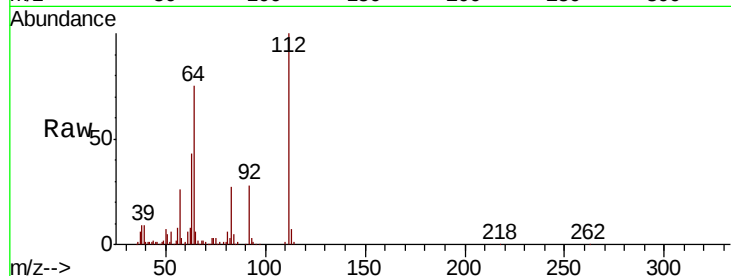
Tgt Ion: 112 Resp: 280348

Ion Ratio Lower Upper

112 100

64 74.9 61.4 92.0

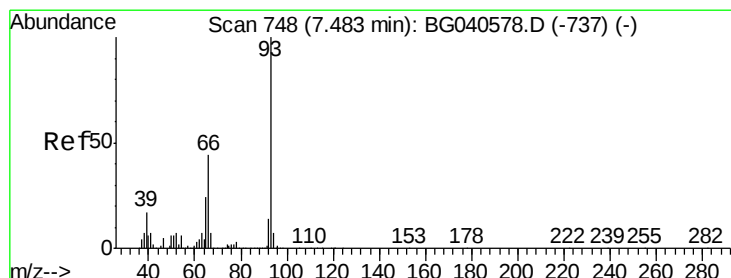
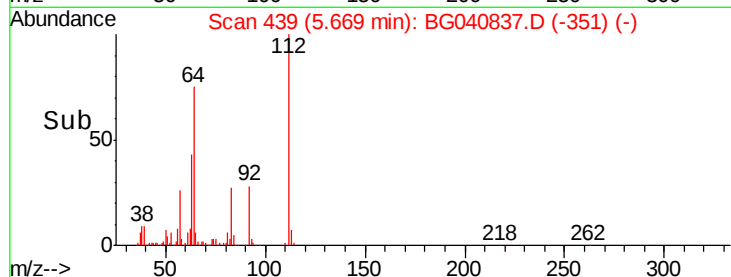
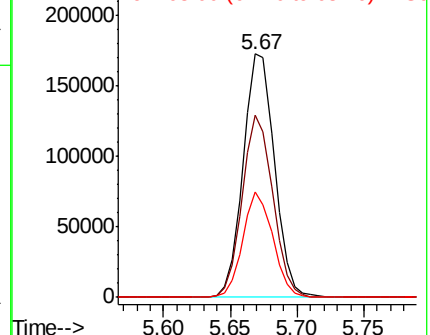
63 43.2 37.8 56.6



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: 43.261 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BG040837.D

Acq: 10 May 2019 5:52

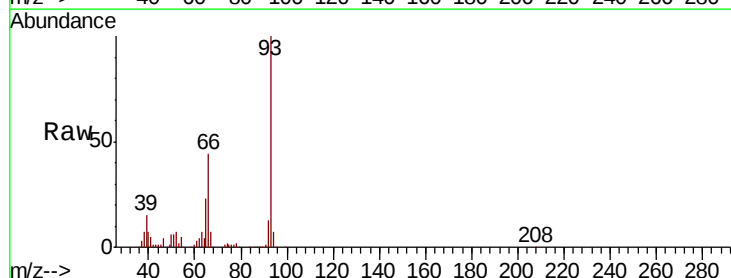
Tgt Ion: 93 Resp: 263249

Ion Ratio Lower Upper

93 100

66 43.5 35.5 53.3

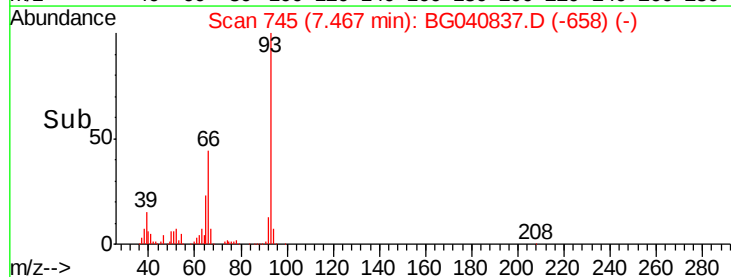
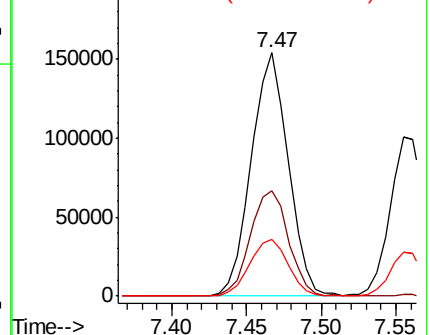
65 23.5 19.2 28.8



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: 93.144 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040837.D

Acq: 10 May 2019 5:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

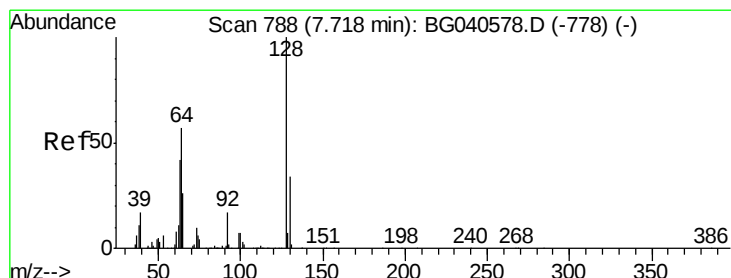
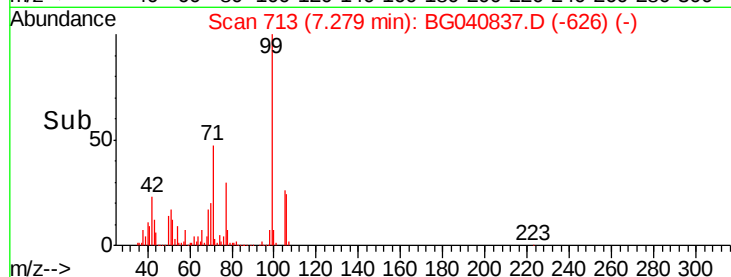
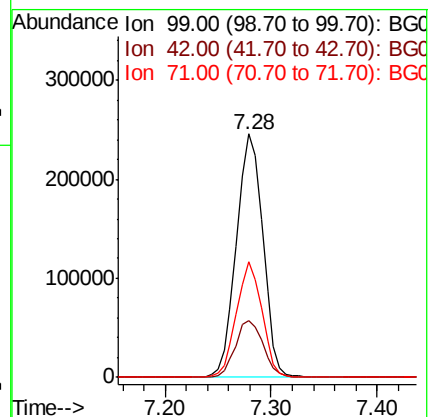
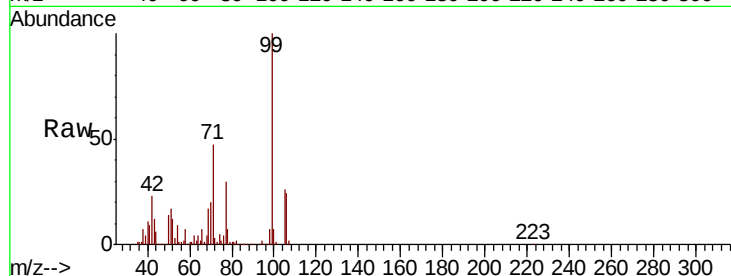
Tgt Ion: 99 Resp: 427620

Ion Ratio Lower Upper

99 100

42 23.5 21.8 32.8

71 47.5 38.6 57.8



#8

2-Chlorophenol

Concen: 45.562 ng

RT: 7.70 min Scan# 785

Delta R.T. -0.02 min

Lab File: BG040837.D

Acq: 10 May 2019 5:52

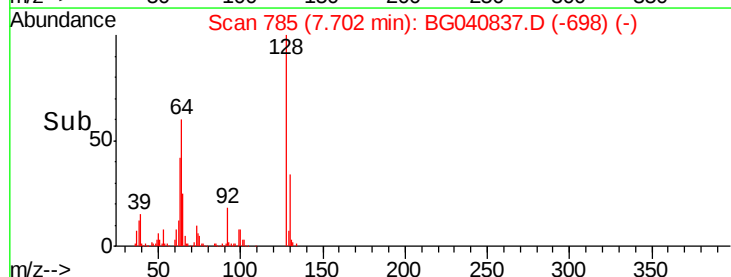
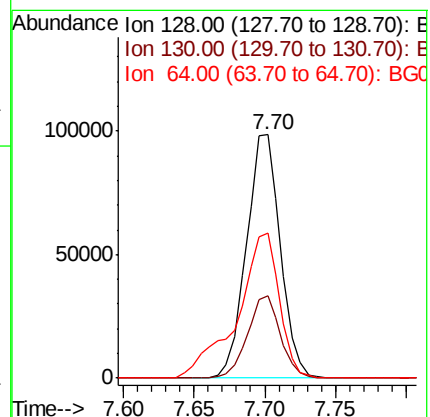
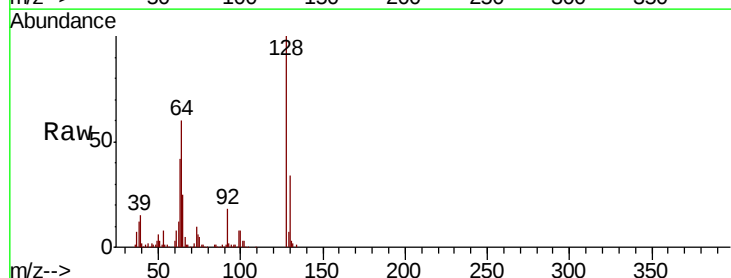
Tgt Ion: 128 Resp: 165881

Ion Ratio Lower Upper

128 100

130 33.9 14.5 54.5

64 59.6 38.4 78.4





#9

Benzaldehyde

Concen: 47.409 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040837.D

Acq: 10 May 2019 5:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

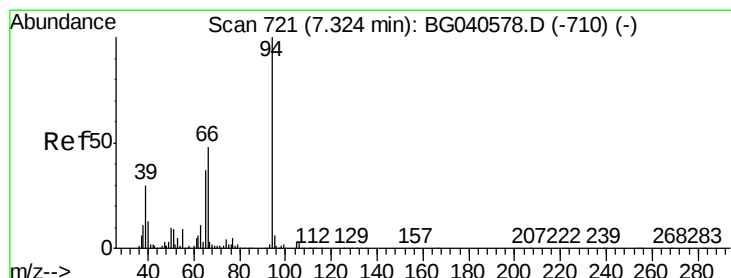
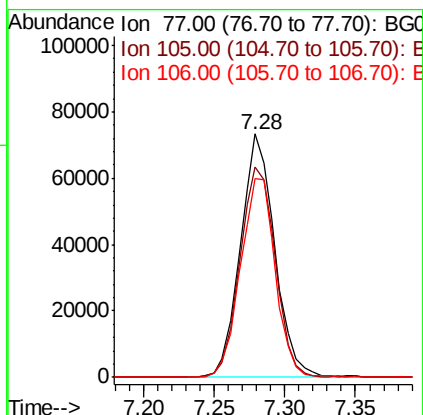
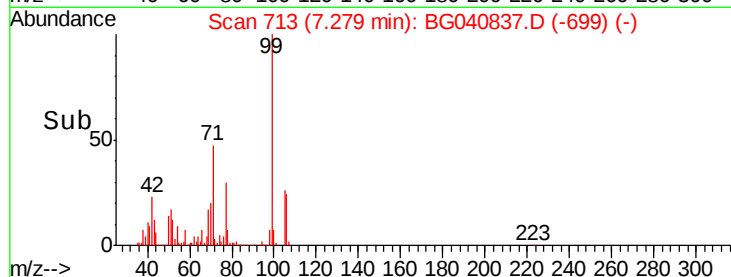
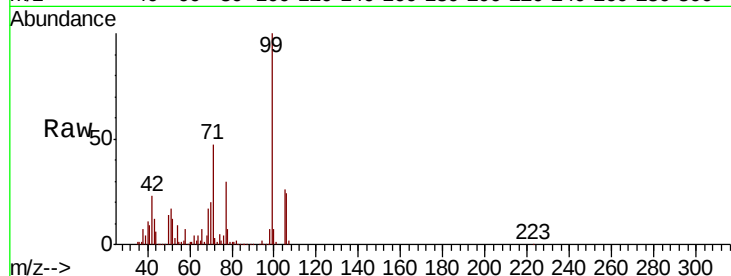
Tgt Ion: 77 Resp: 124164

Ion Ratio Lower Upper

77 100

105 86.6 72.0 112.0

106 81.5 61.2 101.2



#10

Phenol

Concen: 46.977 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG040837.D

Acq: 10 May 2019 5:52

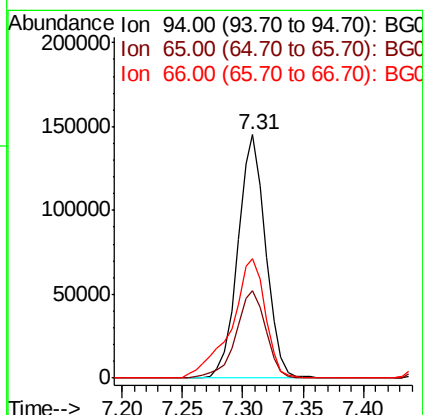
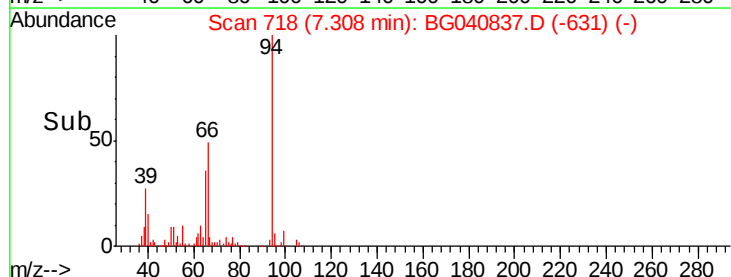
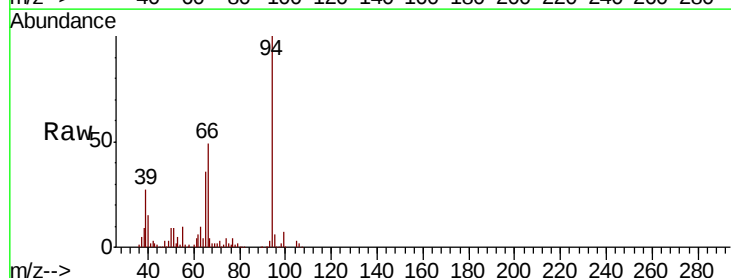
Tgt Ion: 94 Resp: 231833

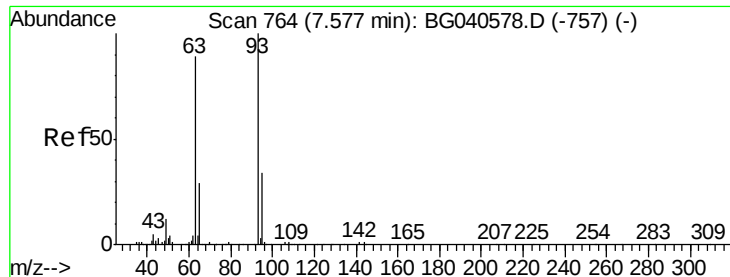
Ion Ratio Lower Upper

94 100

65 36.1 17.0 57.0

66 49.0 28.6 68.6

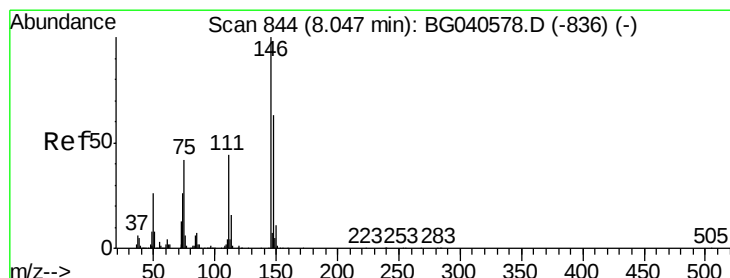
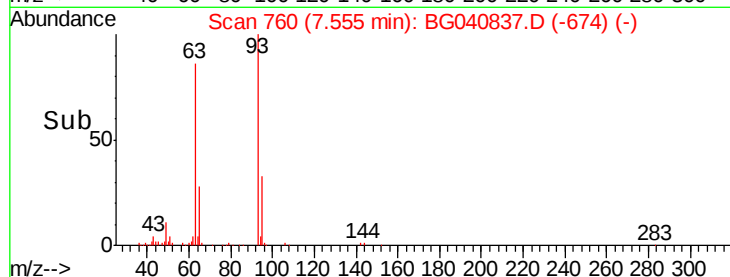
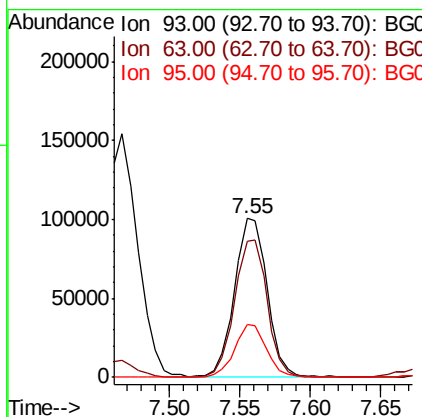
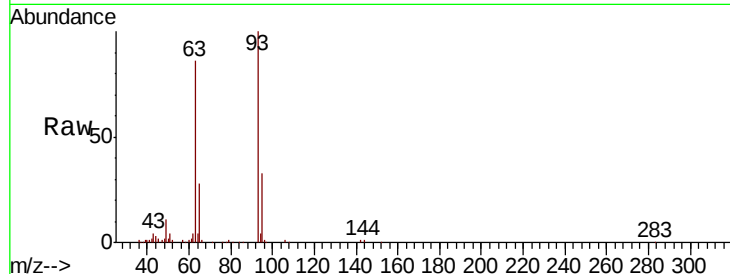




#11
 bis(2-Chloroethyl)ether
 Concen: 43.855 ng
 RT: 7.55 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BG040837.D
 Acq: 10 May 2019 5:52

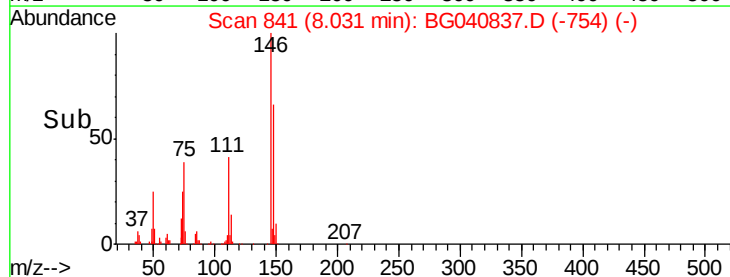
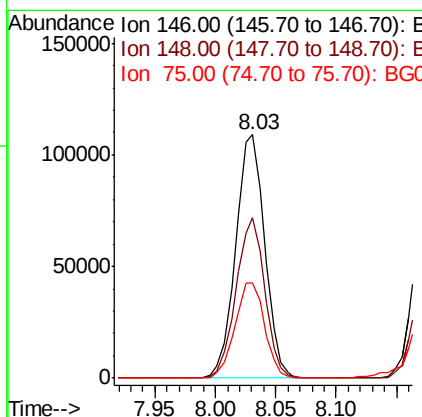
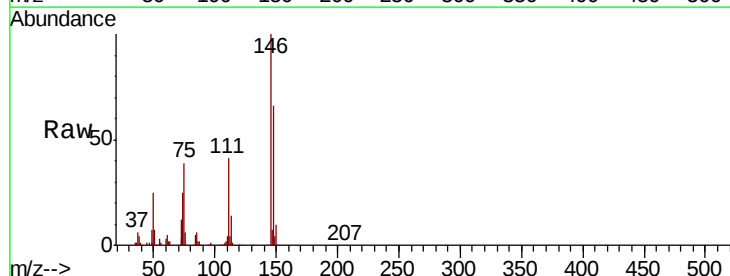
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

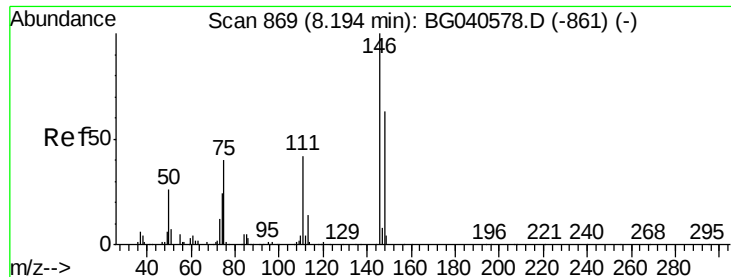
Tgt Ion:	93	Resp:	162293
Ion	Ratio	Lower	Upper
93	100		
63	85.9	68.2	108.2
95	33.2	14.3	54.3



#12
 1,3-Dichlorobenzene
 Concen: 46.054 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BG040837.D
 Acq: 10 May 2019 5:52

Tgt Ion:	146	Resp:	183012
Ion	Ratio	Lower	Upper
146	100		
148	66.0	50.7	76.1
75	39.3	33.4	50.2

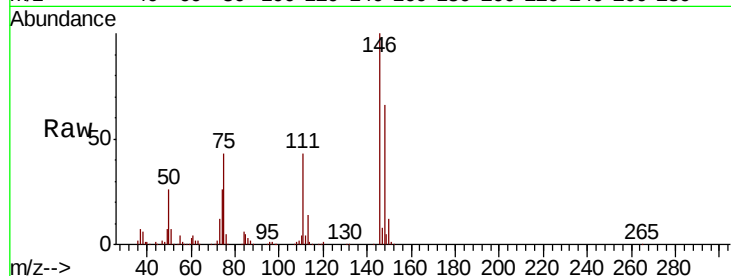




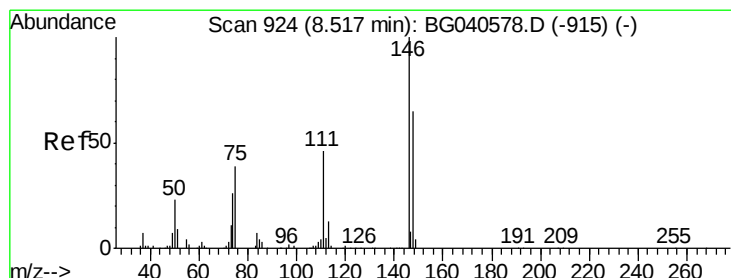
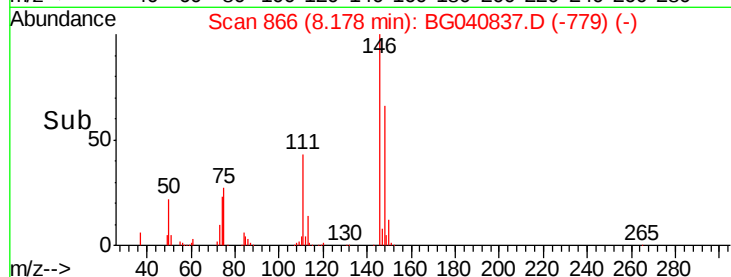
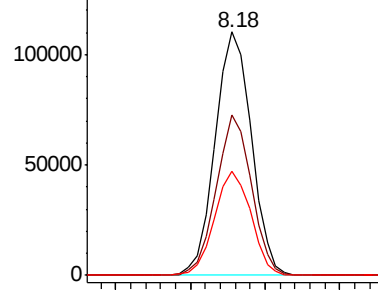
#13
 1,4-Dichlorobenzene
 Concen: 45.936 ng
 RT: 8.18 min Scan# 866
 Delta R.T. -0.02 min
 Lab File: BG040837.D
 Acq: 10 May 2019 5:52

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	50.6	75.8
111	42.8	34.3	51.5

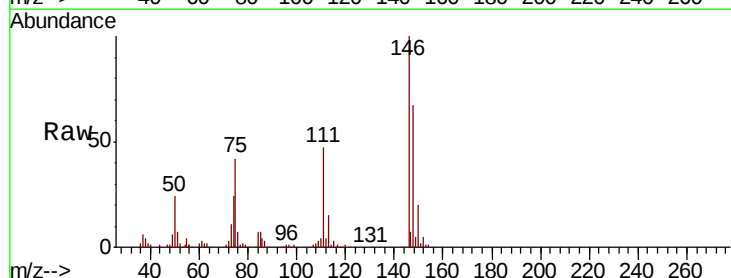


Abundance Ion 146.00 (145.70 to 146.70): E
 150000
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

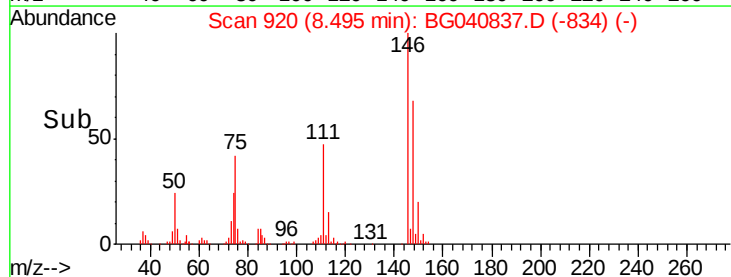
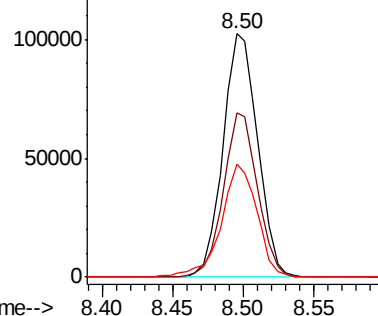


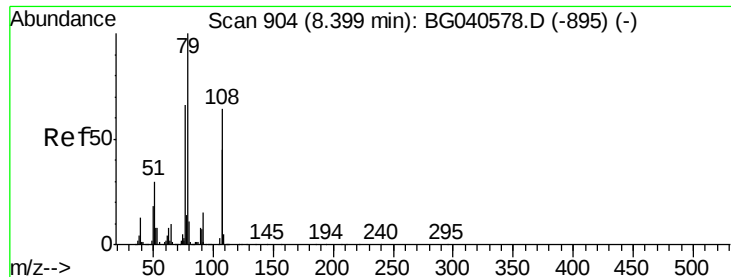
#14
 1,2-Dichlorobenzene
 Concen: 45.522 ng
 RT: 8.50 min Scan# 920
 Delta R.T. -0.02 min
 Lab File: BG040837.D
 Acq: 10 May 2019 5:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.4	52.2	78.4
111	46.6	37.4	56.0



Abundance Ion 146.00 (145.70 to 146.70): E
 100000
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.056 ng

RT: 8.38 min Scan# 900

Delta R.T. -0.02 min

Lab File: BG040837.D

Acq: 10 May 2019 5:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

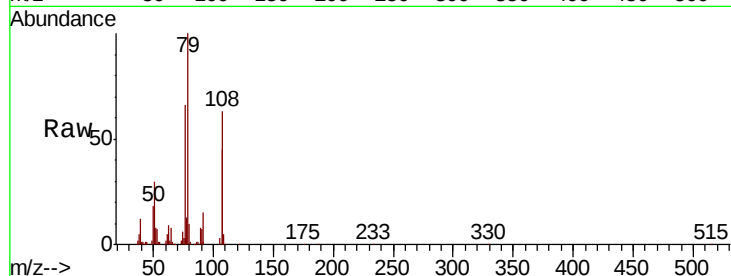
Tgt Ion: 79 Resp: 200897

Ion Ratio Lower Upper

79 100

108 63.4 51.4 77.0

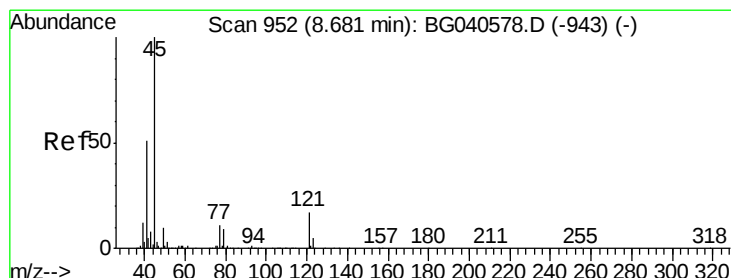
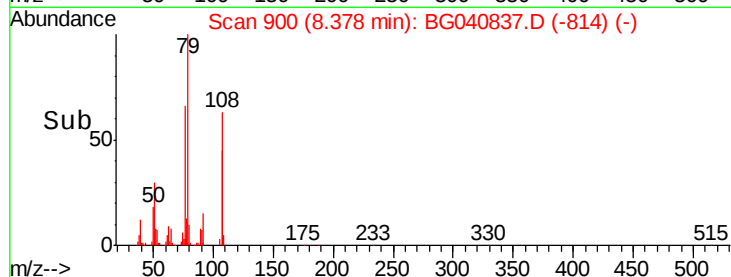
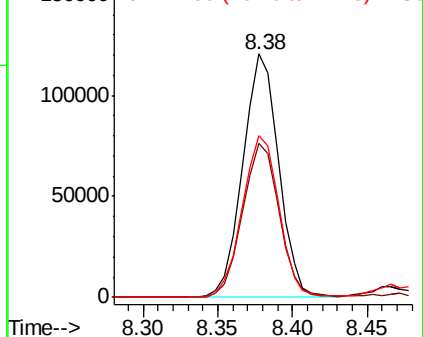
77 66.4 52.6 79.0



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: 37.027 ng

RT: 8.67 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG040837.D

Acq: 10 May 2019 5:52

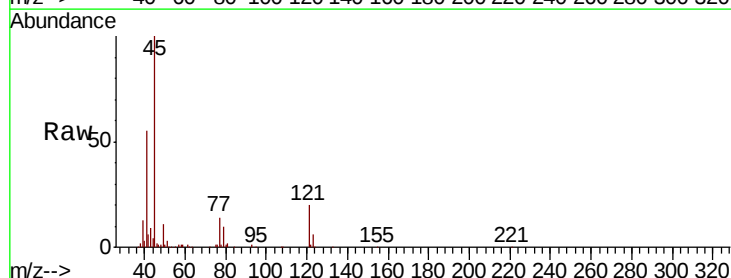
Tgt Ion: 45 Resp: 272808

Ion Ratio Lower Upper

45 100

77 13.7 0.0 31.5

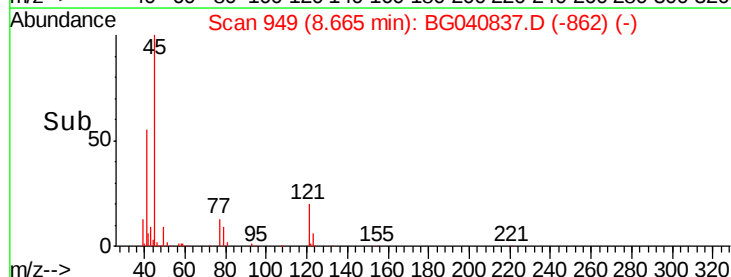
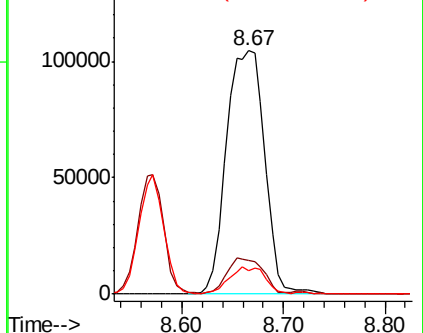
79 9.8 0.0 29.4

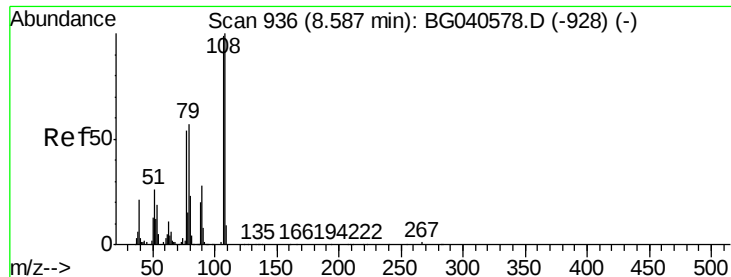


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

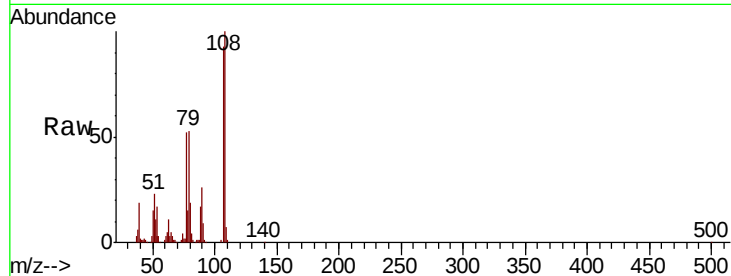




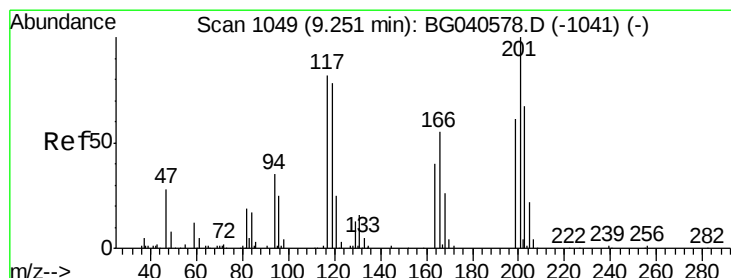
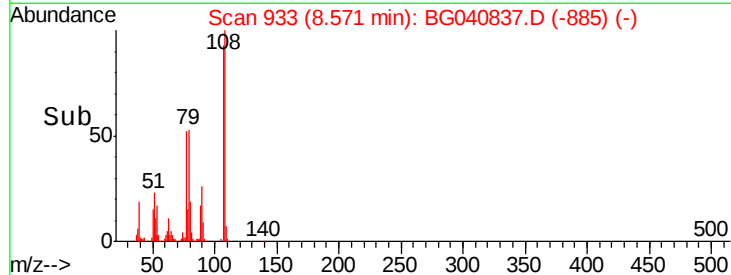
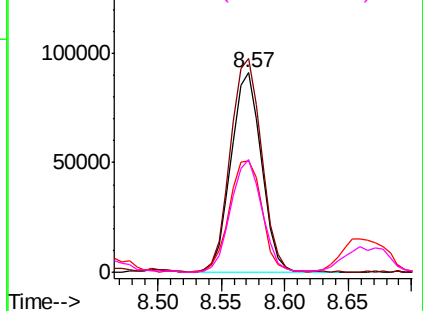
#17
2-Methylphenol
Concen: 43.286 ng
RT: 8.57 min Scan# 933
Delta R.T. -0.02 min
Lab File: BG040837.D
Acq: 10 May 2019 5:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.2	151174	81.2	121.8
77	56.2		44.4	66.6
79	56.7		47.0	70.4

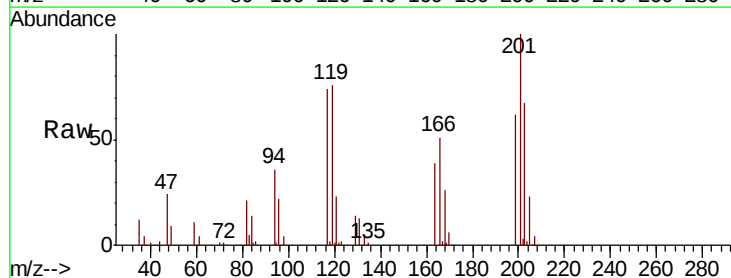


Abundance Ion 107.00 (106.70 to 107.70): E
150000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

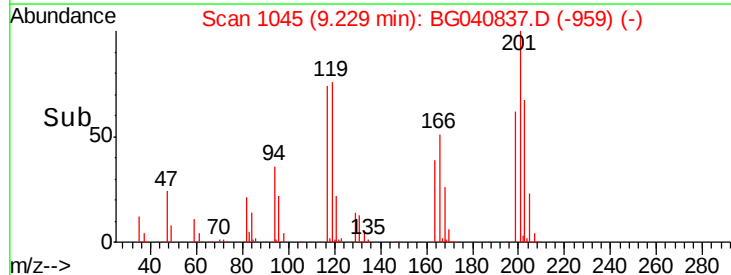
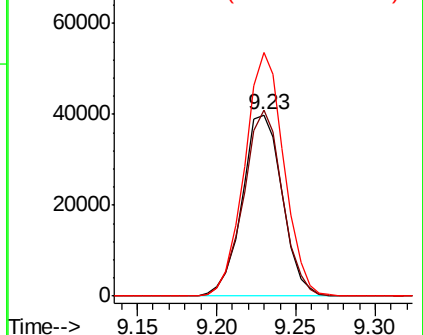


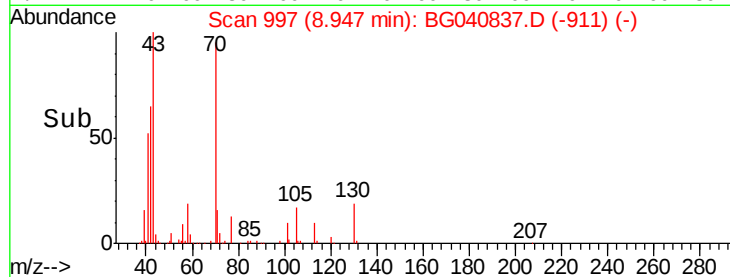
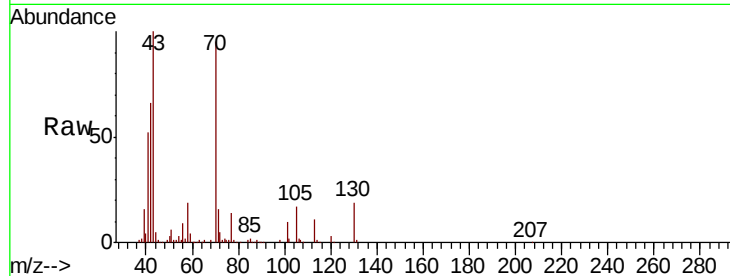
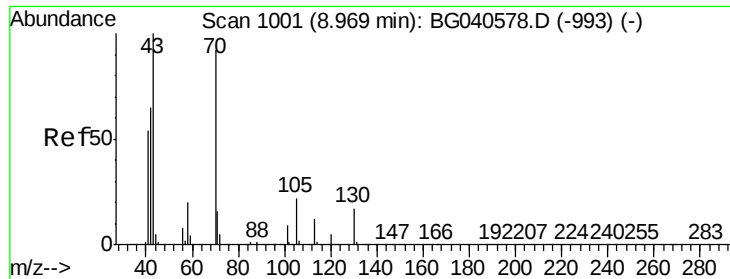
#18
Hexachloroethane
Concen: 42.409 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040837.D
Acq: 10 May 2019 5:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	70081		
119	102.7		76.6	114.8
201	134.4		101.0	151.6



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

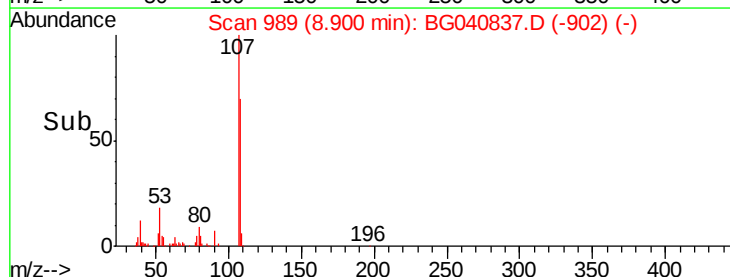
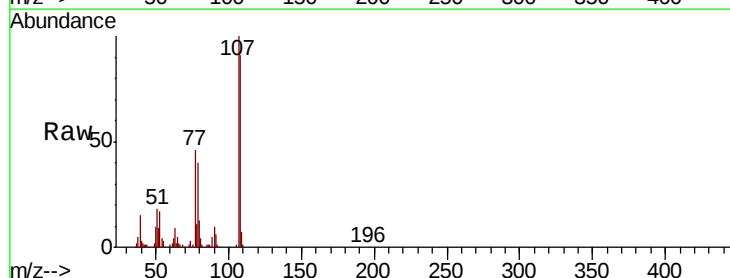
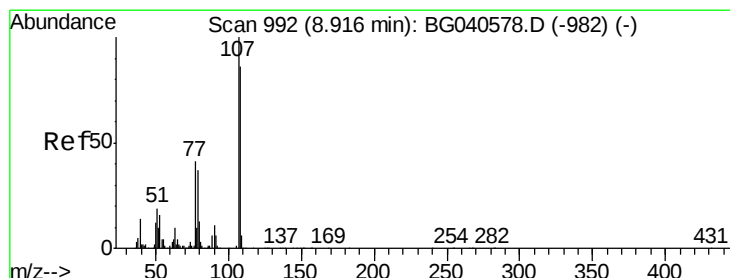
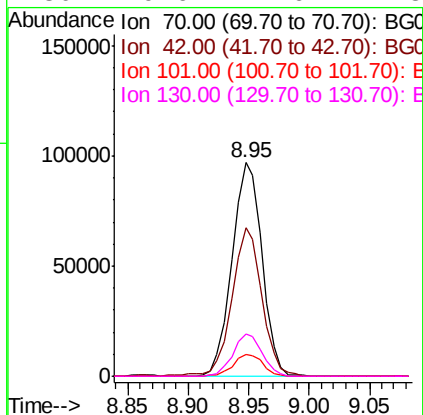




#19
n-Nitroso-di-n-propylamine
Concen: 40.539 ng
RT: 8.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BG040837.D
Acq: 10 May 2019 5:52

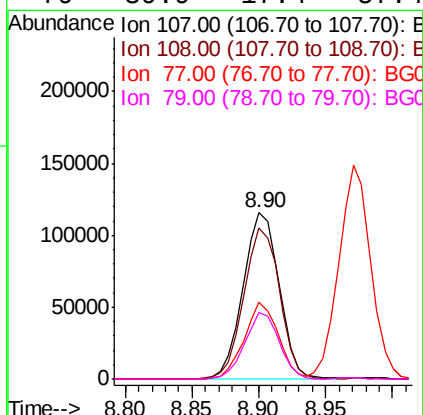
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

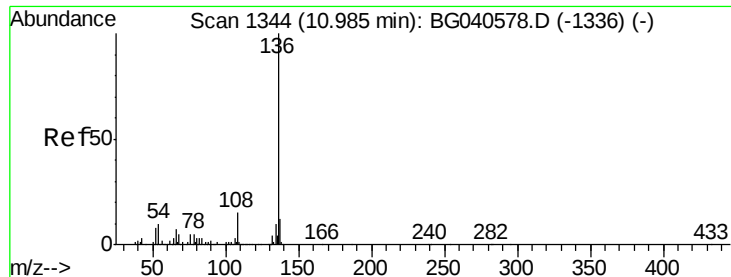
Tgt Ion:	70	Resp:	167533
Ion	Ratio	Lower	Upper
70	100		
42	69.3	57.1	85.7
101	10.0	7.8	11.8
130	19.6	14.6	21.8



#20
3+4-Methylphenols
Concen: 44.309 ng
RT: 8.90 min Scan# 989
Delta R.T. -0.02 min
Lab File: BG040837.D
Acq: 10 May 2019 5:52

Tgt Ion:	107	Resp:	215574
Ion	Ratio	Lower	Upper
107	100		
108	91.1	66.1	106.1
77	46.1	21.6	61.6
79	39.9	17.4	57.4

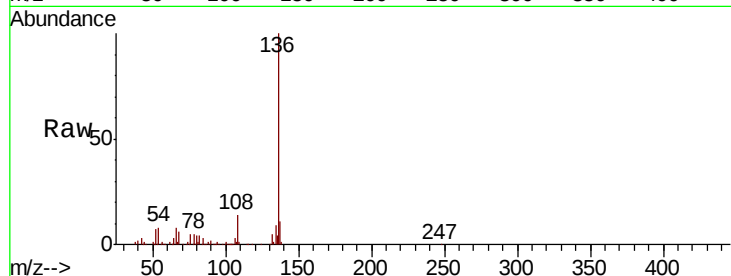




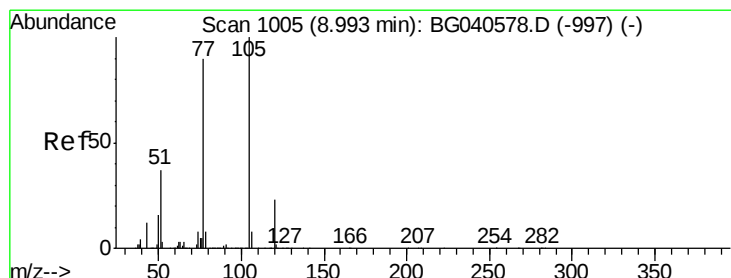
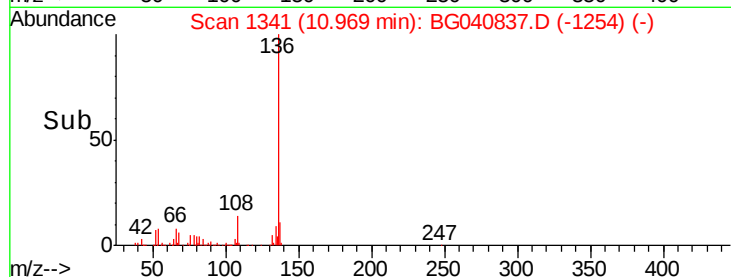
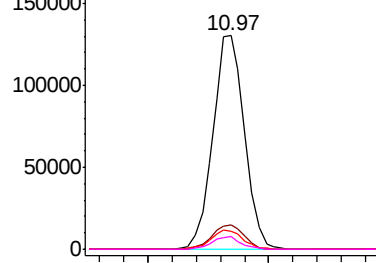
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040837.D
Acq: 10 May 2019 5:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	236359
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.7	14.5
54	8.1	8.6	12.8#
68	6.1	4.8	7.2

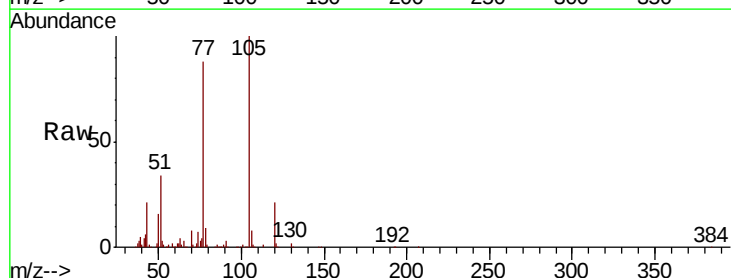


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

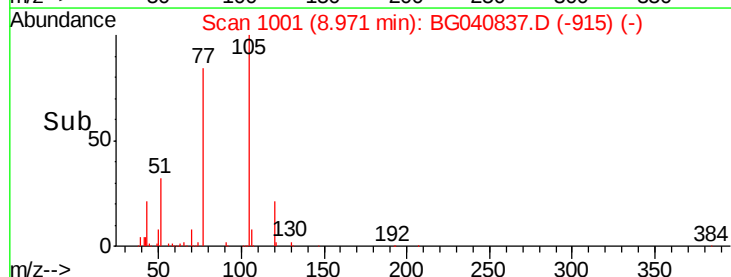
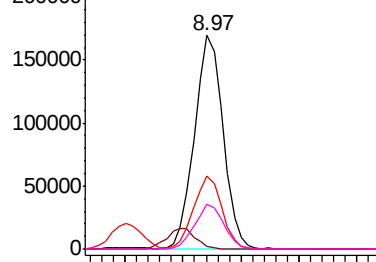


#22
Acetophenone
Concen: 44.367 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG040837.D
Acq: 10 May 2019 5:52

Tgt Ion:	105	Resp:	291606
Ion	Ratio	Lower	Upper
105	100		
71	1.1	1.8	2.8#
51	34.2	29.8	44.8
120	20.9	18.4	27.6



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

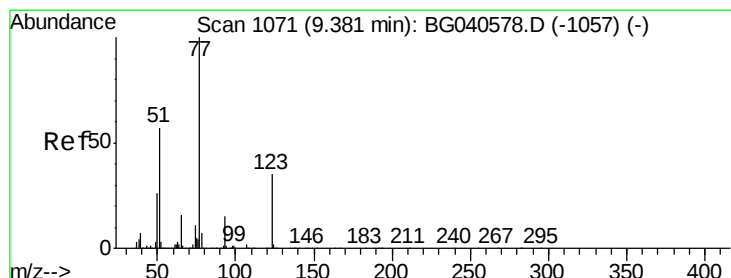
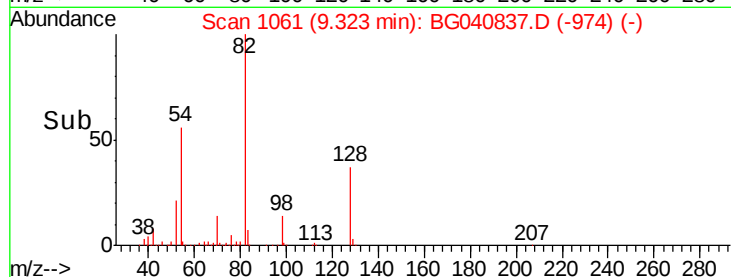
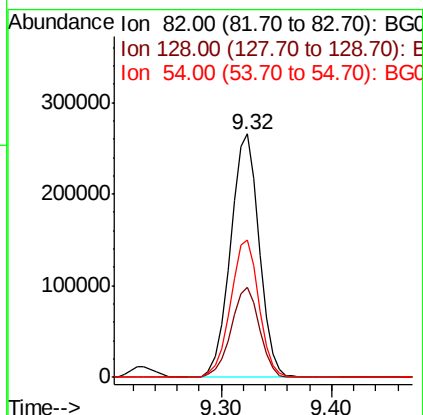
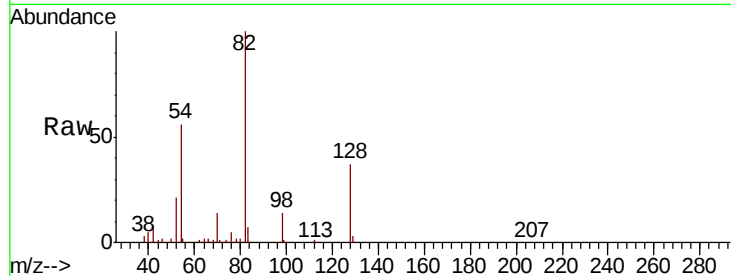




#23
 Nitrobenzene-d5
 Concen: 94.571 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040837.D
 Acq: 10 May 2019 5:52

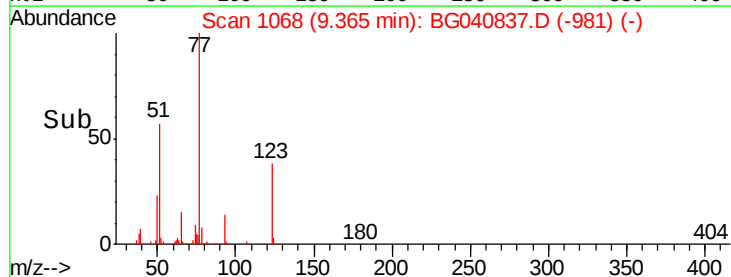
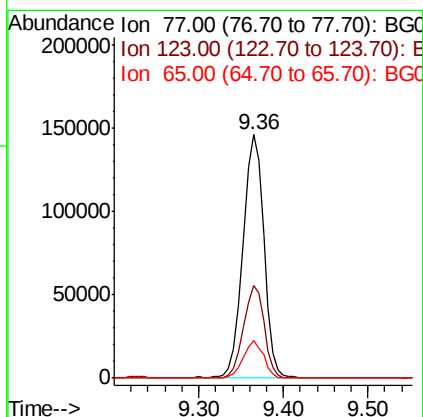
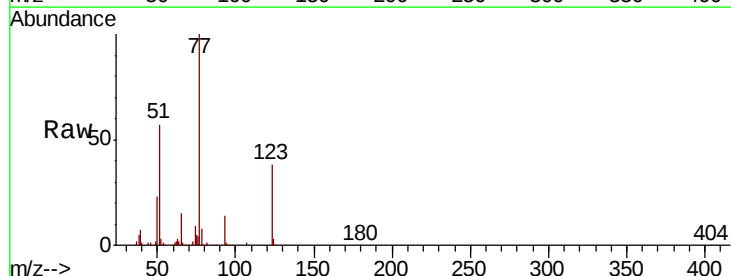
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.2	28.9	43.3
54	56.4	47.2	70.8



#24
 Nitrobenzene
 Concen: 46.077 ng
 RT: 9.36 min Scan# 1068
 Delta R.T. -0.02 min
 Lab File: BG040837.D
 Acq: 10 May 2019 5:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.9	27.8	41.6
65	15.3	12.4	18.6





#25

Isophorone

Concen: 39.778 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG040837.D

Acq: 10 May 2019 5:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

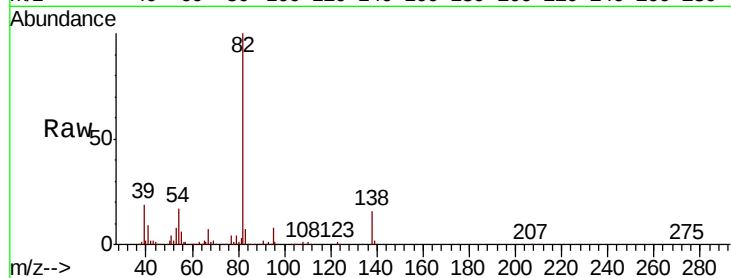
Tgt Ion: 82 Resp: 453239

Ion Ratio Lower Upper

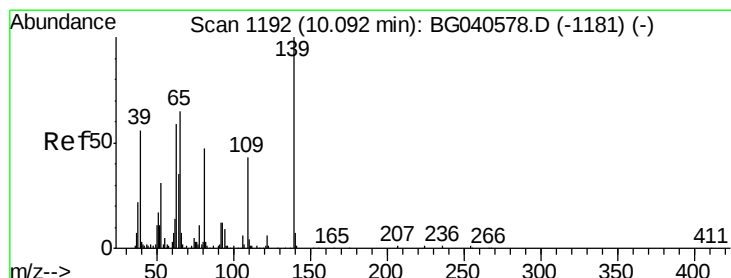
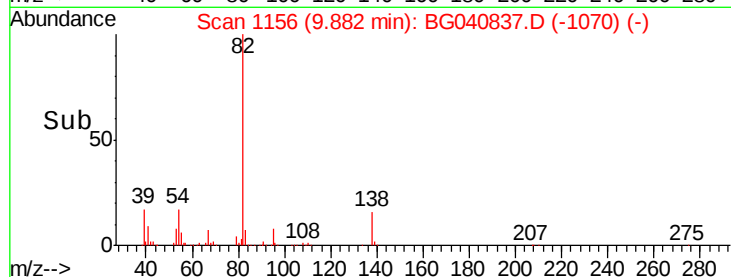
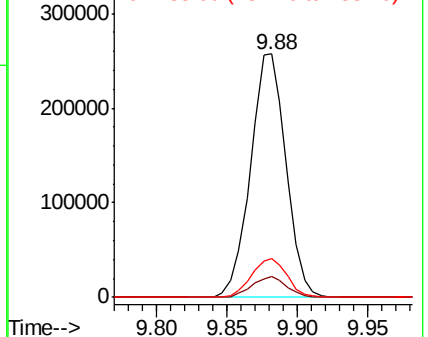
82 100

95 8.4 6.9 10.3

138 16.0 12.3 18.5



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: 53.615 ng

RT: 10.07 min Scan# 1188

Delta R.T. -0.02 min

Lab File: BG040837.D

Acq: 10 May 2019 5:52

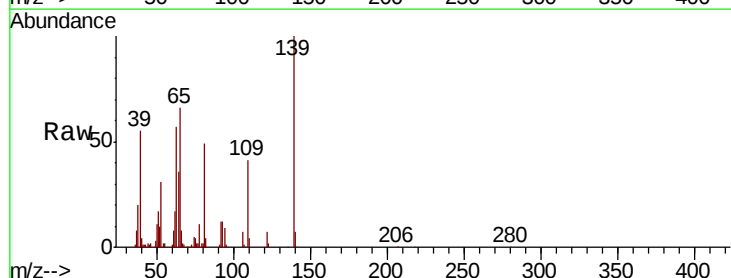
Tgt Ion: 139 Resp: 104891

Ion Ratio Lower Upper

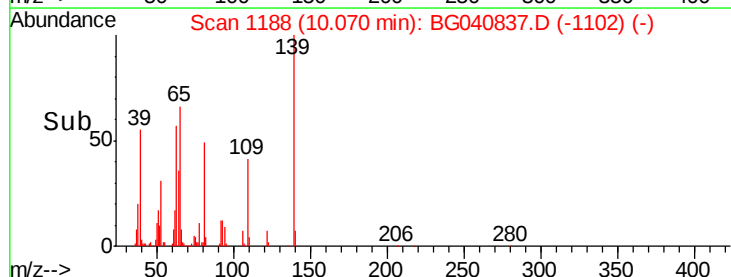
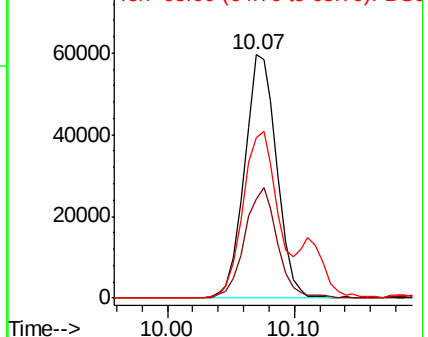
139 100

109 40.8 35.6 53.4

65 66.1 52.3 78.5



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

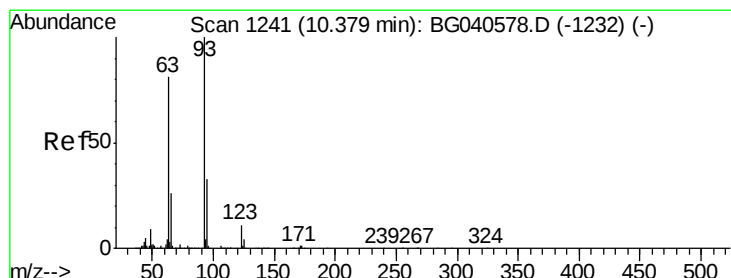
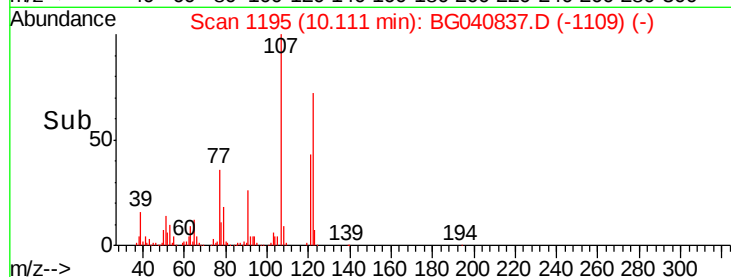
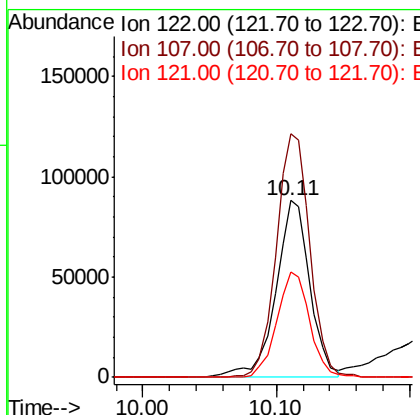
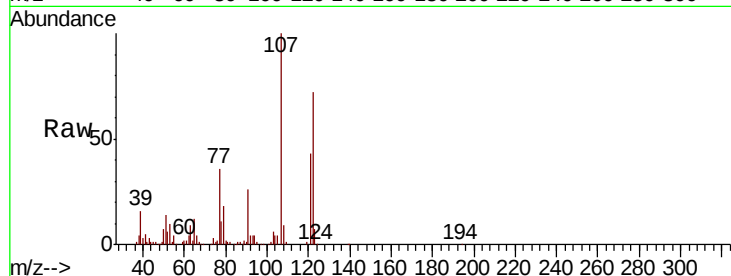




#27
2,4-Dimethylphenol
Concen: 42.796 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BG040837.D
Acq: 10 May 2019 5:52

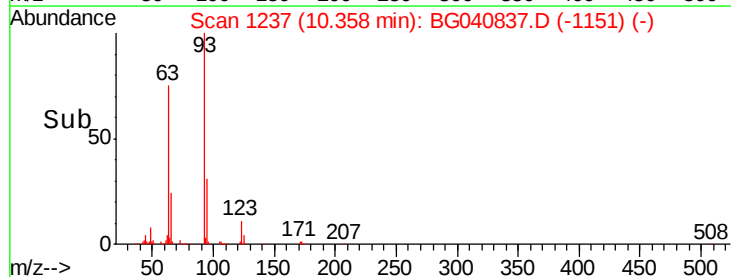
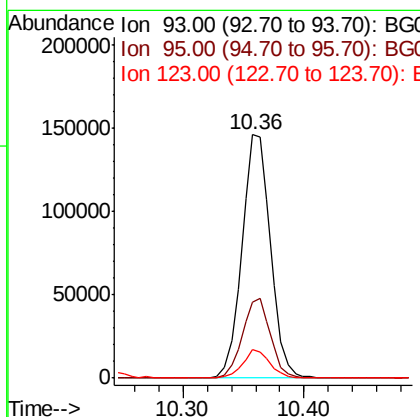
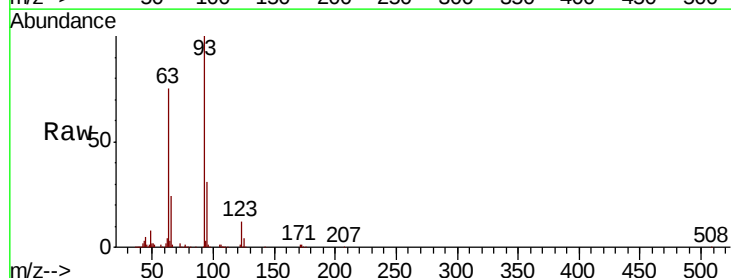
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

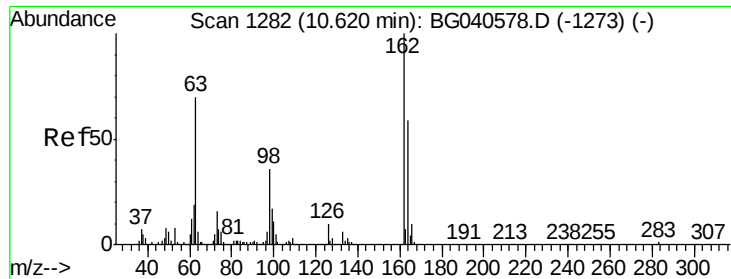
Tgt Ion	Ratio	Lower	Upper
122	100		
107	138.0	110.1	165.1
121	59.8	49.4	74.0



#28
bis(2-Chloroethoxy)methane
Concen: 41.920 ng
RT: 10.36 min Scan# 1237
Delta R.T. -0.02 min
Lab File: BG040837.D
Acq: 10 May 2019 5:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.4	26.6	40.0
123	11.6	9.0	13.4

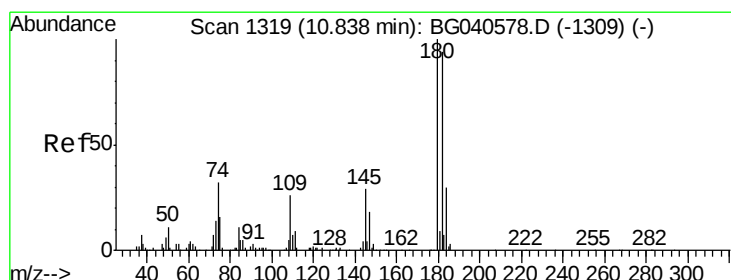
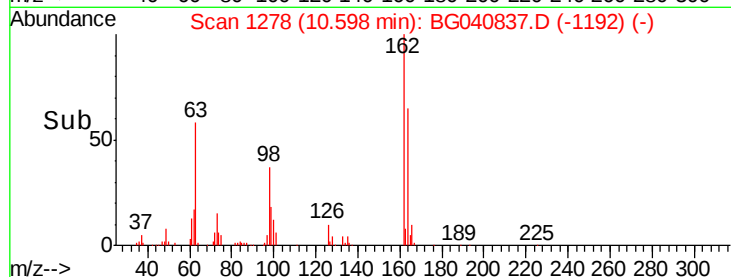
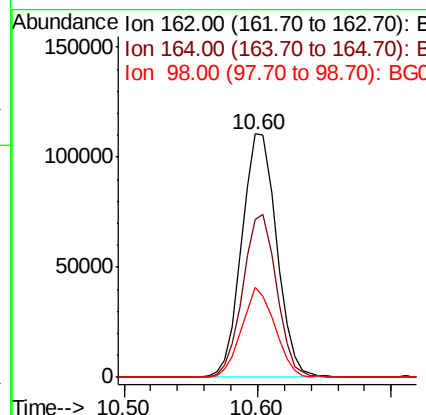
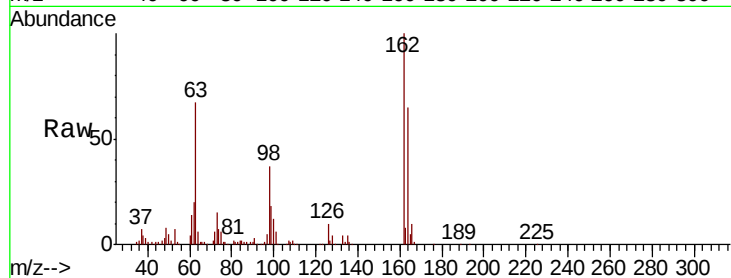




#29
 2,4-Dichlorophenol
 Concen: 48.074 ng
 RT: 10.60 min Scan# 1278
 Delta R.T. -0.02 min
 Lab File: BG040837.D
 Acq: 10 May 2019 5:52

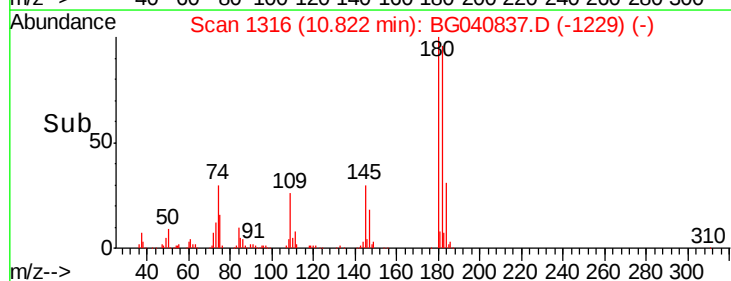
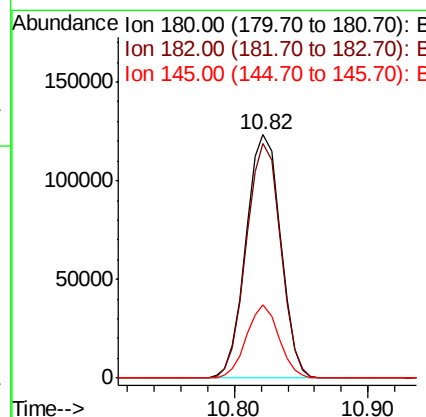
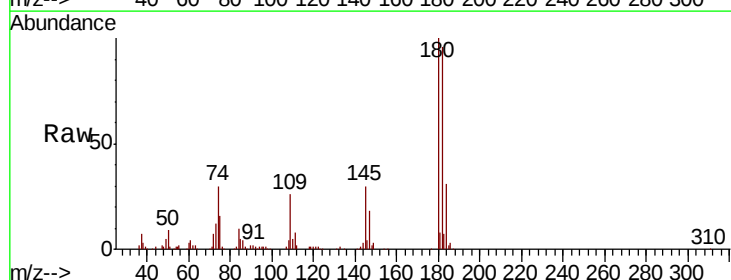
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.8	38.9	78.9
98	37.0	16.8	56.8



#30
 1,2,4-Trichlorobenzene
 Concen: 47.840 ng
 RT: 10.82 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG040837.D
 Acq: 10 May 2019 5:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.2	112.8
145	30.1	23.6	35.4

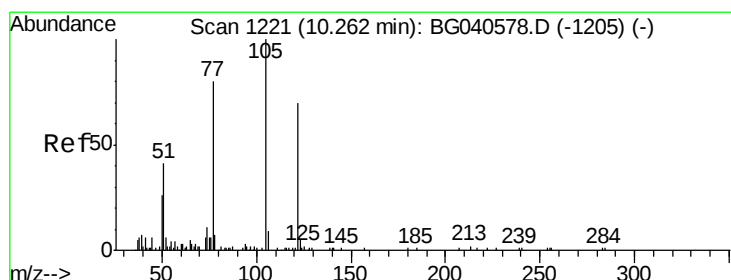
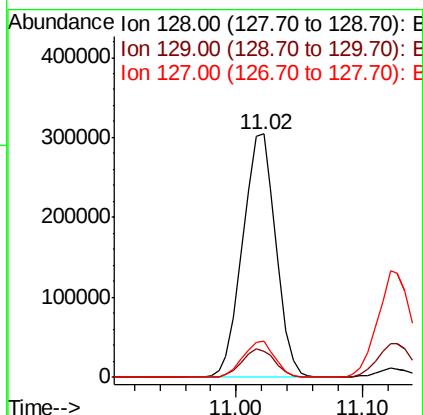
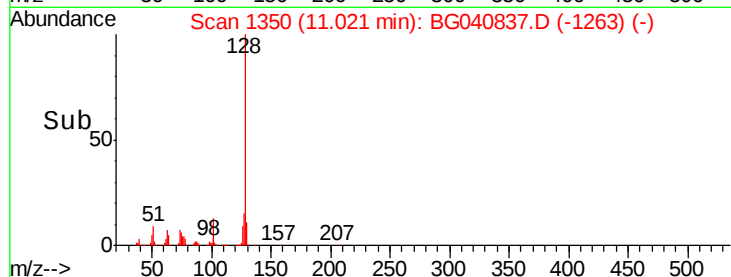
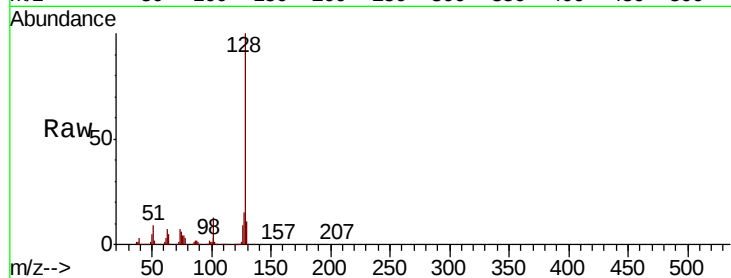




#31
Naphthalene
Concen: 44.063 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG040837.D
Acq: 10 May 2019 5:52

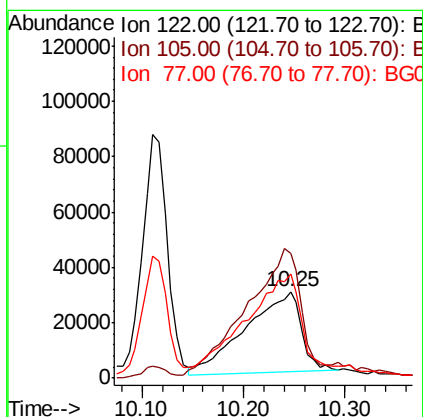
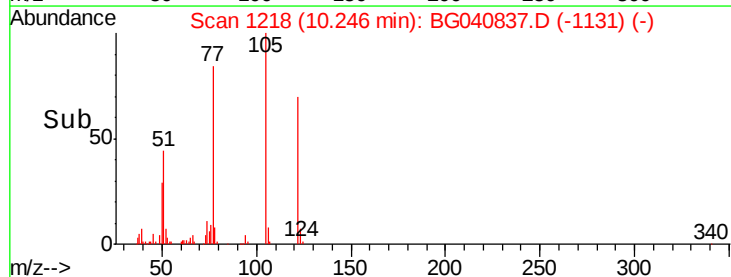
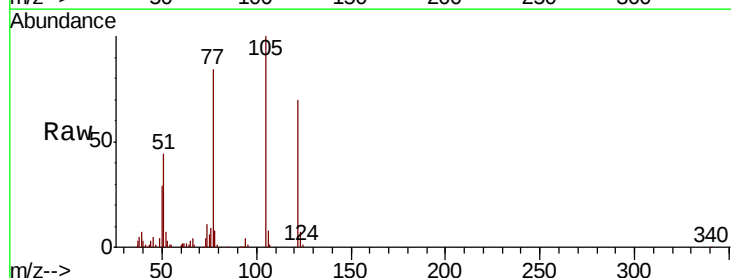
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

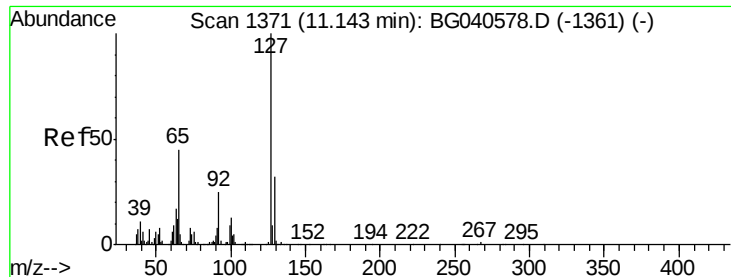
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.6
127	14.9	11.3	16.9



#32
Benzoic acid
Concen: 44.130 ng
RT: 10.25 min Scan# 1218
Delta R.T. -0.02 min
Lab File: BG040837.D
Acq: 10 May 2019 5:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	143.3	110.9	150.9
77	120.3	87.6	127.6

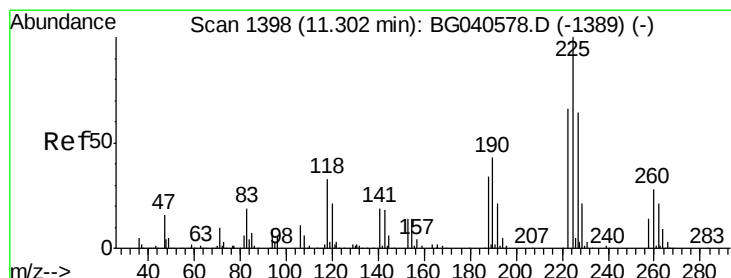
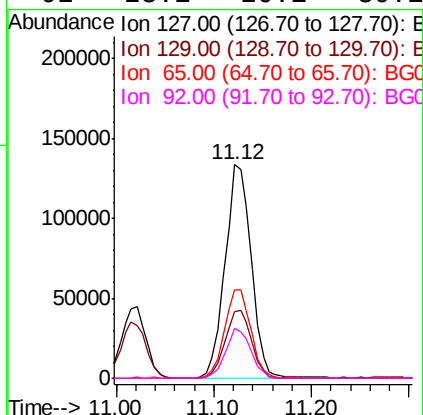
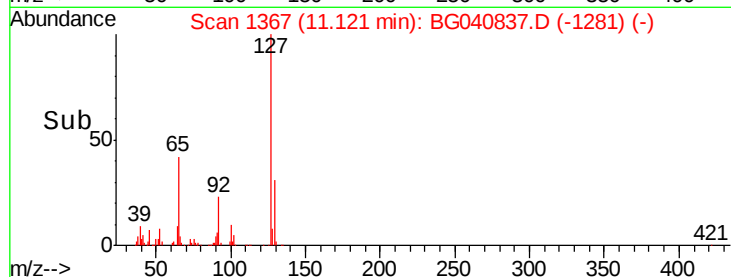
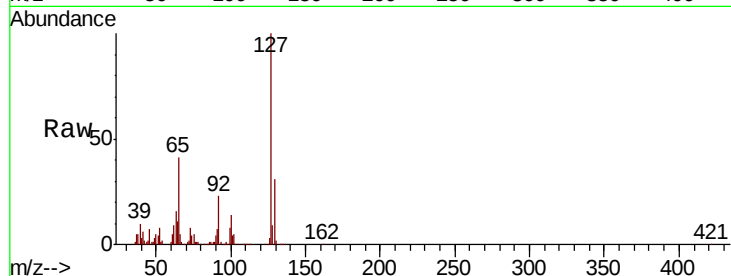




#33
4-Chloroaniline
Concen: 44.502 ng
RT: 11.12 min Scan# 1367
Delta R.T. -0.02 min
Lab File: BG040837.D
Acq: 10 May 2019 5:52

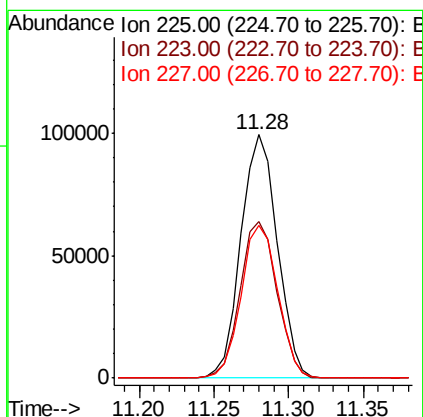
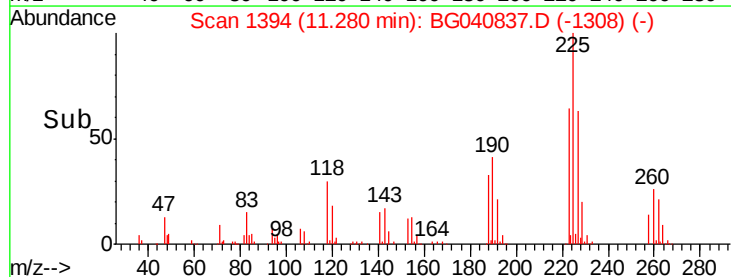
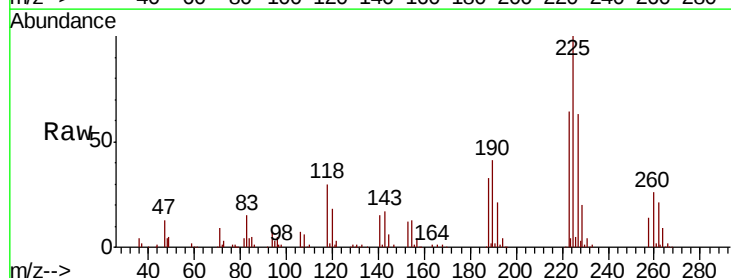
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	247764
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.7	38.5
65	41.5	36.1	54.1
92	23.1	20.1	30.1



#34
Hexachlorobutadiene
Concen: 49.207 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BG040837.D
Acq: 10 May 2019 5:52

Tgt Ion:	225	Resp:	168116
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.4	75.6
227	62.6	51.0	76.6





#35

Caprolactam

Concen: 43.439 ng

RT: 11.92 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BG040837.D

Acq: 10 May 2019 5:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

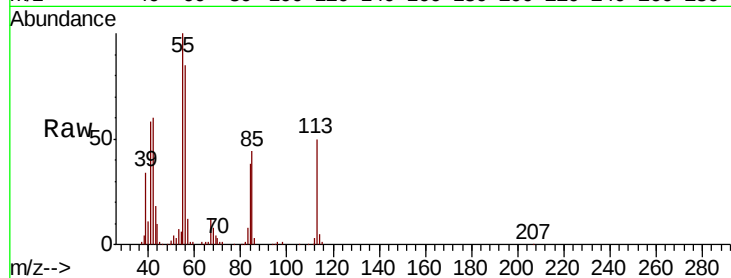
Tgt Ion:113 Resp: 71569

Ion Ratio Lower Upper

113 100

55 200.0 198.6 238.6

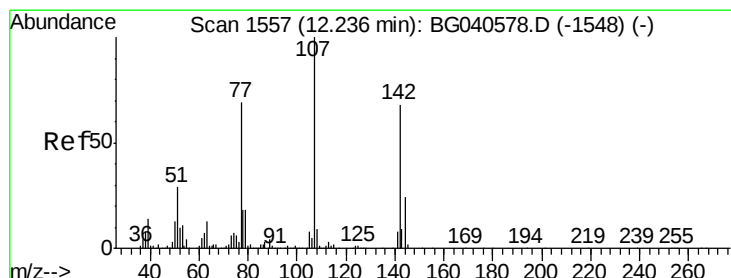
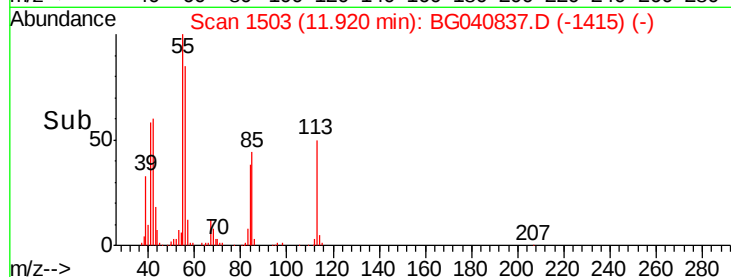
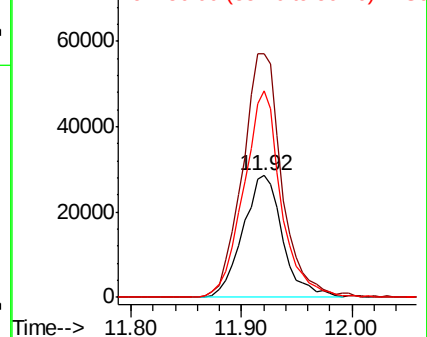
56 169.5 148.4 188.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 46.284 ng

RT: 12.22 min Scan# 1554

Delta R.T. -0.02 min

Lab File: BG040837.D

Acq: 10 May 2019 5:52

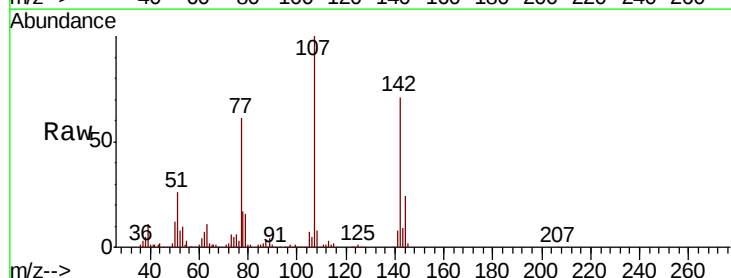
Tgt Ion:107 Resp: 243659

Ion Ratio Lower Upper

107 100

144 24.1 19.3 28.9

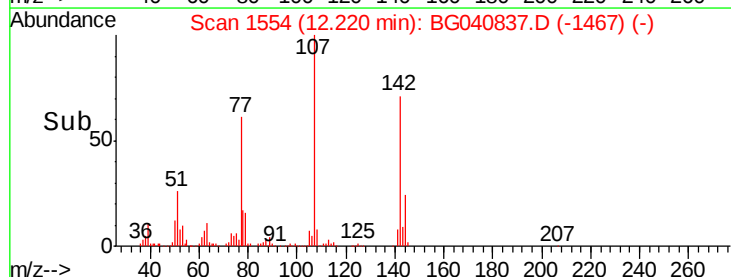
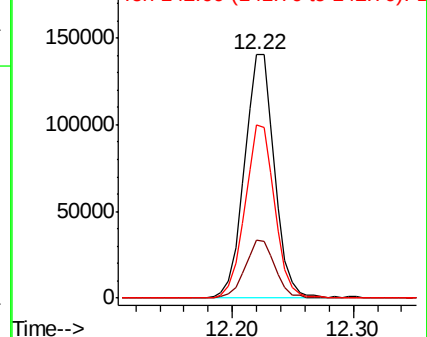
142 71.1 54.6 81.8



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

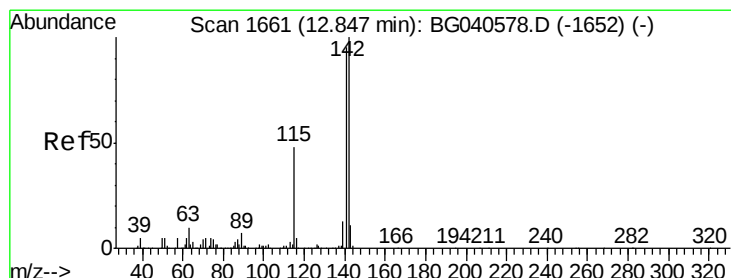
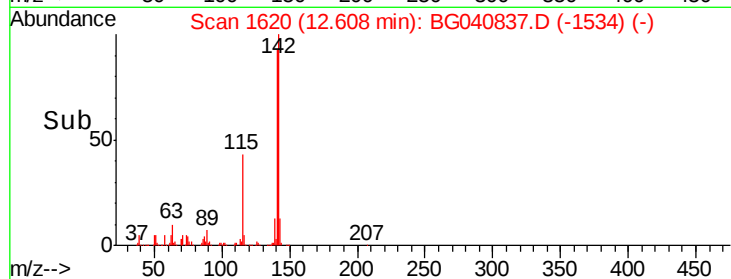
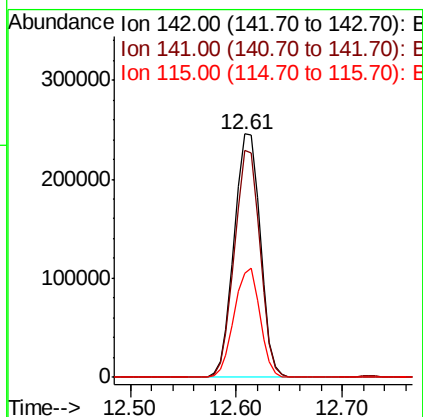
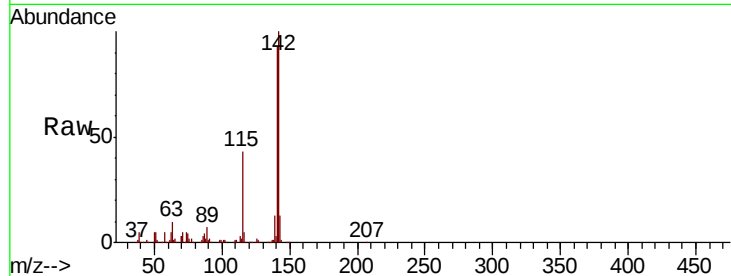




#37
 2-Methylnaphthalene
 Concen: 44.768 ng
 RT: 12.61 min Scan# 1620
 Delta R.T. -0.02 min
 Lab File: BG040837.D
 Acq: 10 May 2019 5:52

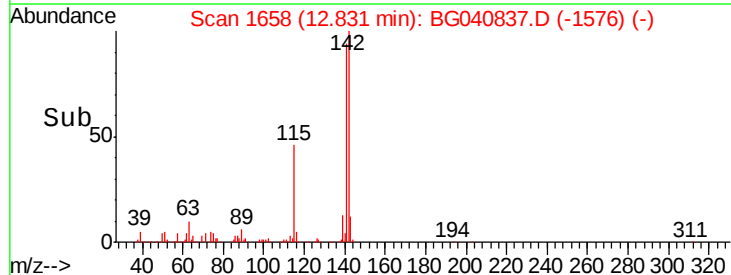
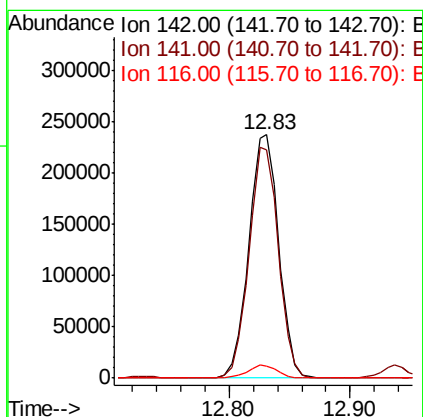
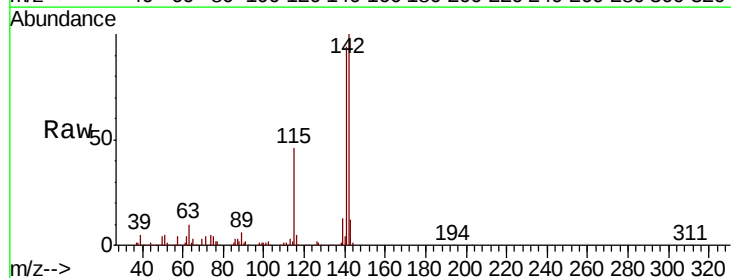
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	73.4	110.2
115	42.6	36.2	54.4



#38
 1-Methylnaphthalene
 Concen: 44.560 ng
 RT: 12.83 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BG040837.D
 Acq: 10 May 2019 5:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	75.9	113.9
116	4.7	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040837.D

Acq: 10 May 2019 5:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

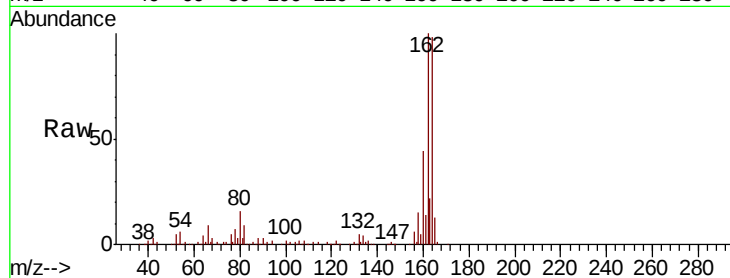
Tgt Ion:164 Resp: 175962

Ion Ratio Lower Upper

164 100

162 102.3 81.9 122.9

160 44.8 35.4 53.2

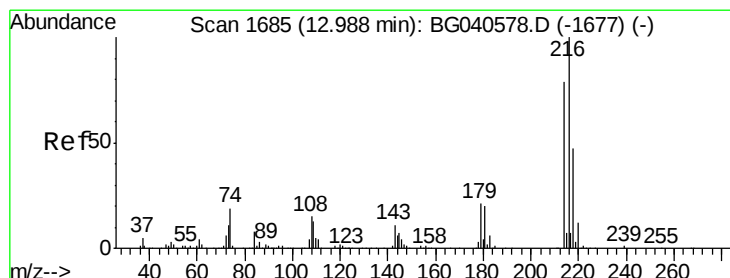
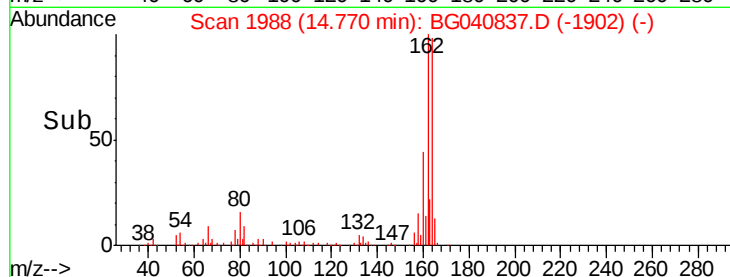
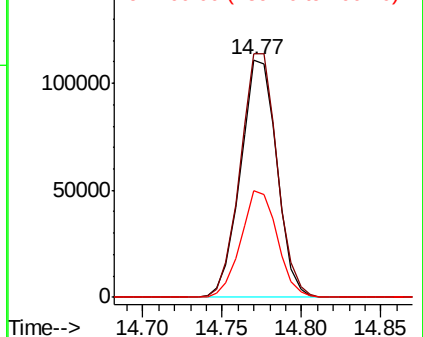


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.132 ng

RT: 12.97 min Scan# 1681

Delta R.T. -0.02 min

Lab File: BG040837.D

Acq: 10 May 2019 5:52

Tgt Ion:216 Resp: 308949

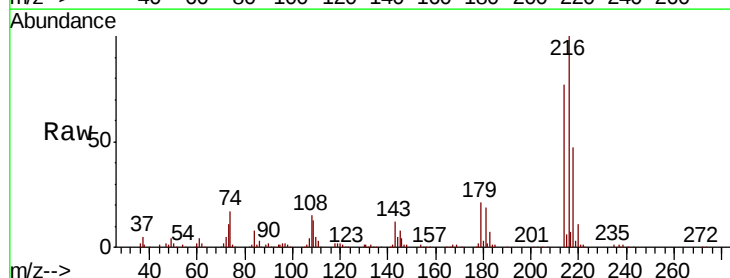
Ion Ratio Lower Upper

216 100

214 79.7 63.7 95.5

179 19.1 16.6 24.8

108 15.9 14.7 22.1



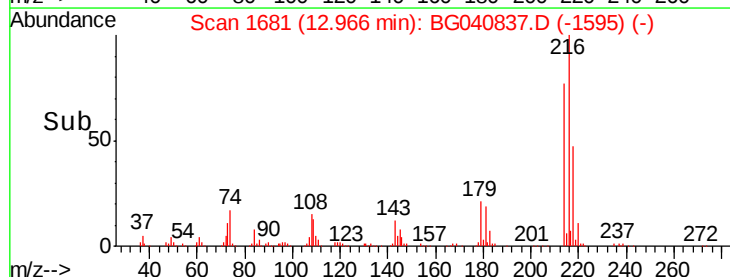
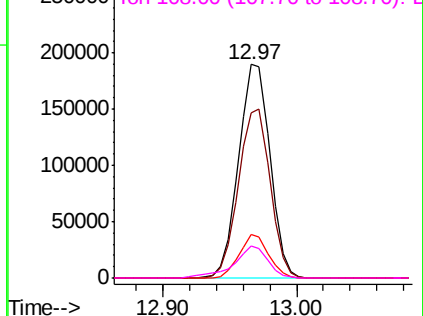
Abundance

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: 47.327 ng

RT: 12.94 min Scan# 1676

Delta R.T. -0.02 min

Lab File: BG040837.D

Acq: 10 May 2019 5:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

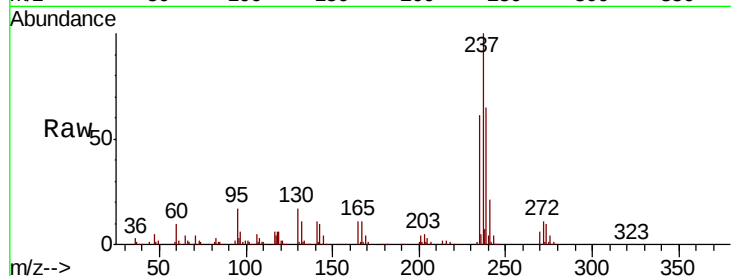
Tgt Ion: 237 Resp: 183062

Ion Ratio Lower Upper

237 100

235 60.6 42.5 82.5

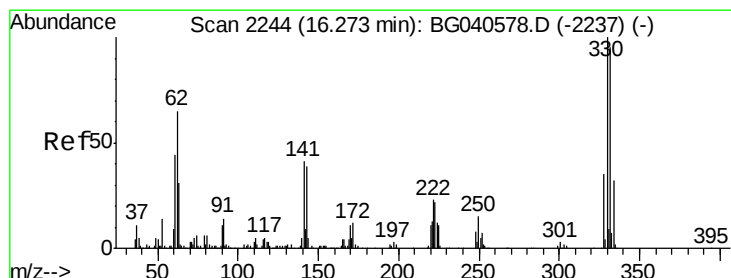
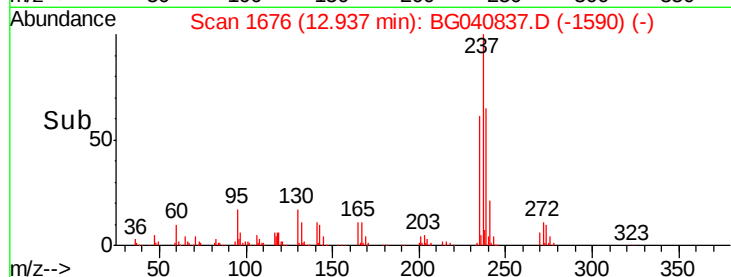
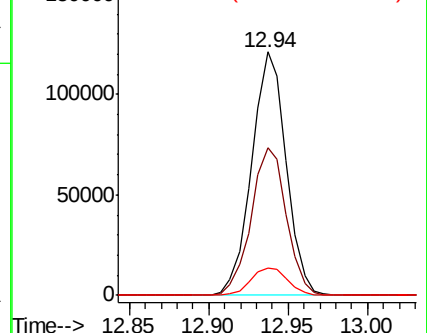
272 11.0 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 99.443 ng

RT: 16.26 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040837.D

Acq: 10 May 2019 5:52

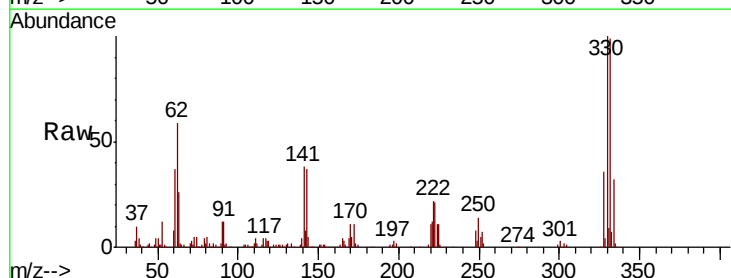
Tgt Ion: 330 Resp: 240517

Ion Ratio Lower Upper

330 100

332 96.6 75.9 113.9

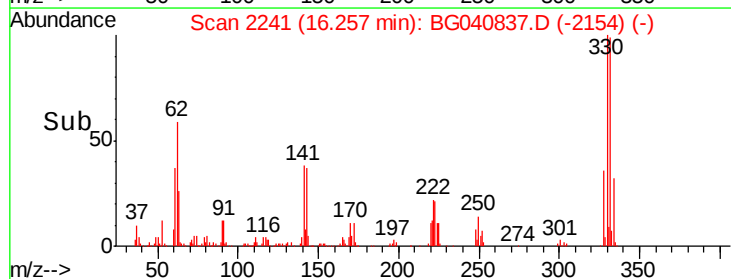
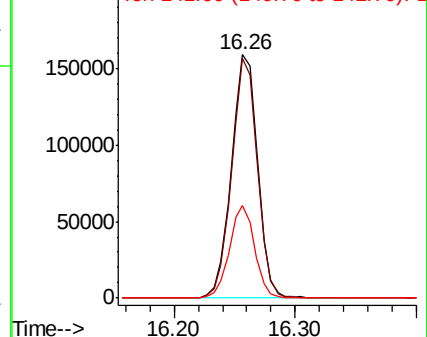
141 36.3 32.4 48.6



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

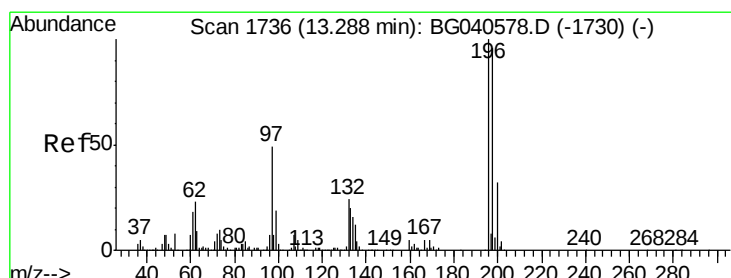
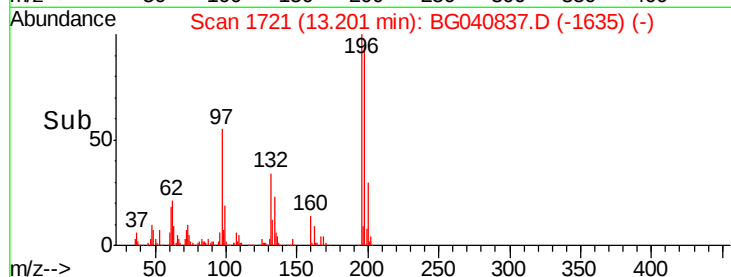
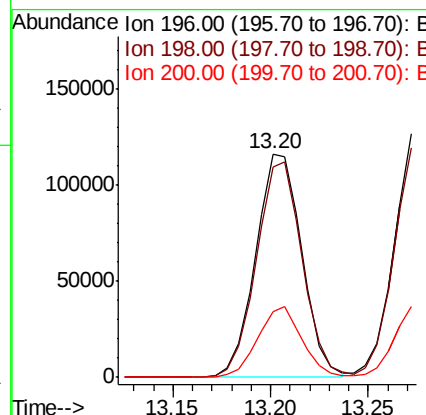
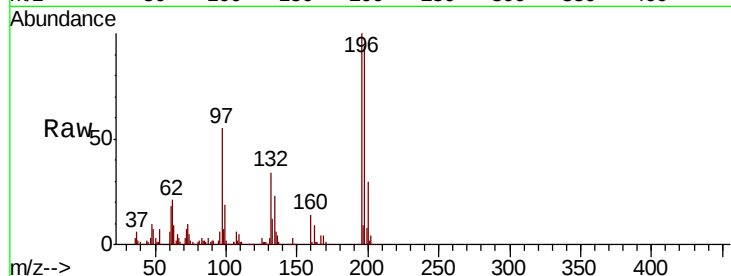




#43
 2,4,6-Trichlorophenol
 Concen: 47.886 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.02 min
 Lab File: BG040837.D
 Acq: 10 May 2019 5:52

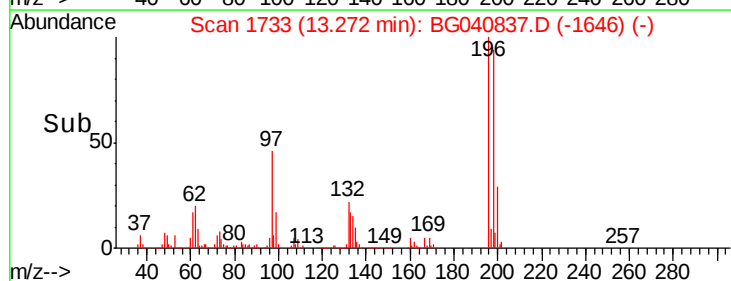
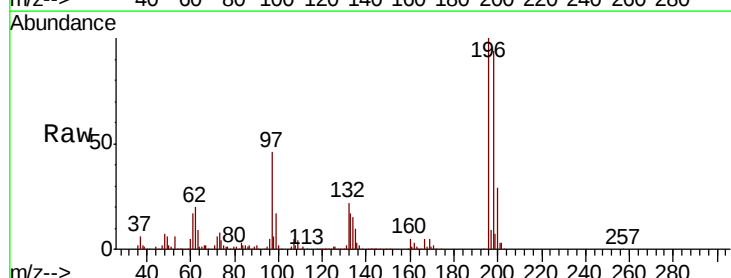
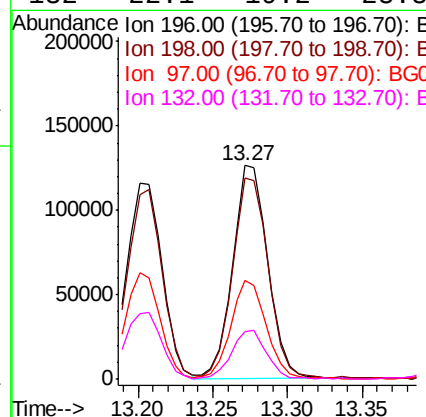
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.2	74.8	112.2
200	29.7	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 48.094 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.02 min
 Lab File: BG040837.D
 Acq: 10 May 2019 5:52

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.1	77.0	115.6
97	46.3	40.0	60.0
132	22.1	19.2	28.8

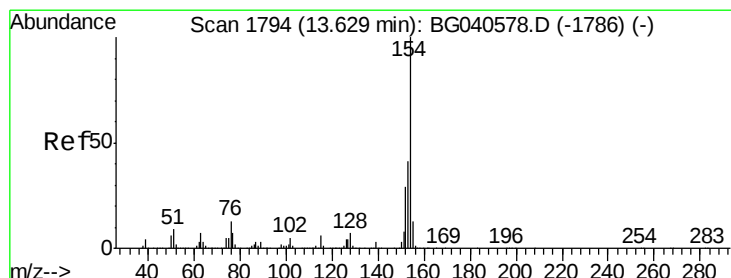
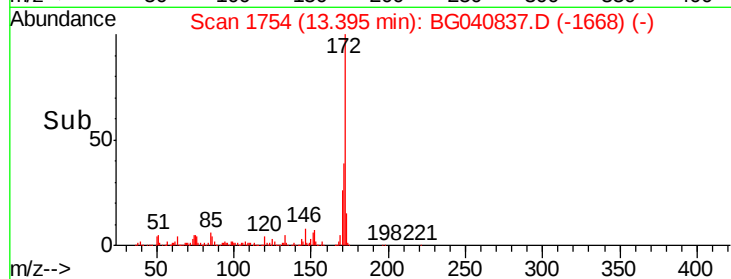
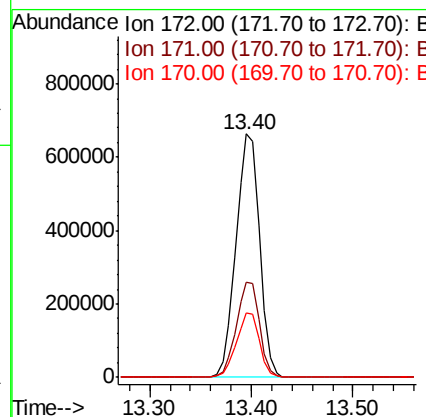
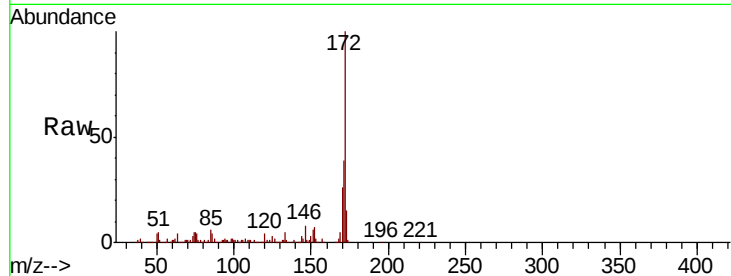




#45
2-Fluorobiphenyl
Concen: 87.595 ng
RT: 13.40 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040837.D
Acq: 10 May 2019 5:52

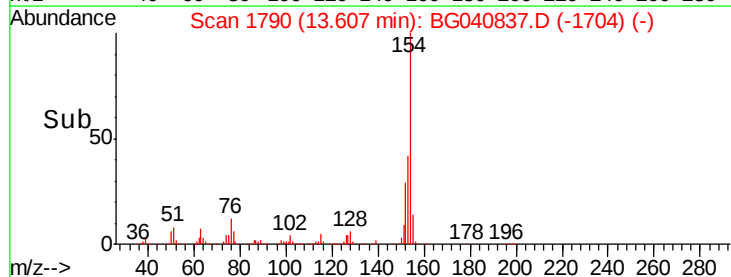
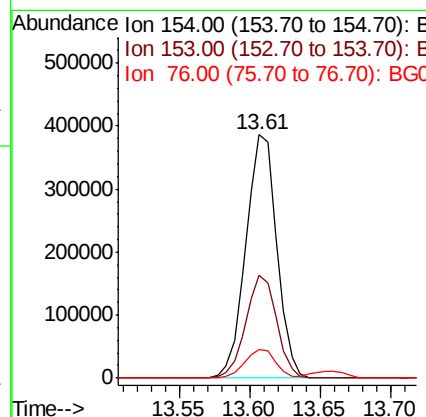
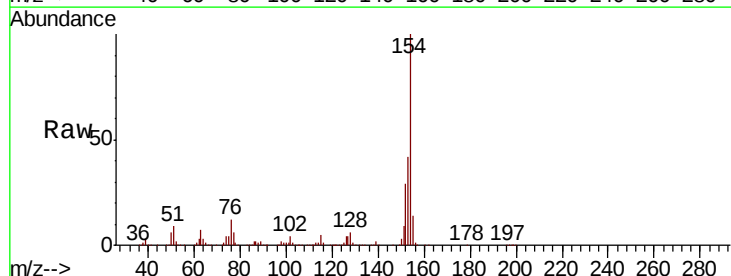
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

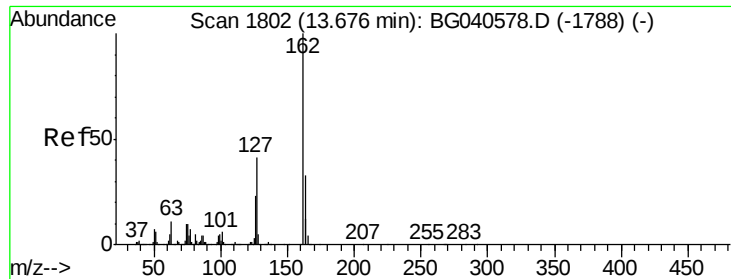
Tgt Ion:172 Resp: 1067256
Ion Ratio Lower Upper
172 100
171 38.9 29.4 44.2
170 26.3 19.9 29.9



#46
1,1'-Biphenyl
Concen: 43.349 ng
RT: 13.61 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BG040837.D
Acq: 10 May 2019 5:52

Tgt Ion:154 Resp: 592233
Ion Ratio Lower Upper
154 100
153 42.1 20.5 60.5
76 11.6 0.0 32.5





#47

2-Chloronaphthalene

Concen: 44.774 ng

RT: 13.66 min Scan# 1799

Delta R.T. -0.02 min

Lab File: BG040837.D

Acq: 10 May 2019 5:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

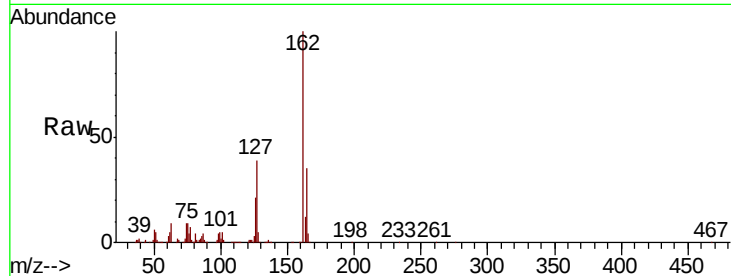
Tgt Ion: 162 Resp: 478709

Ion Ratio Lower Upper

162 100

127 39.2 33.0 49.4

164 34.6 26.8 40.2

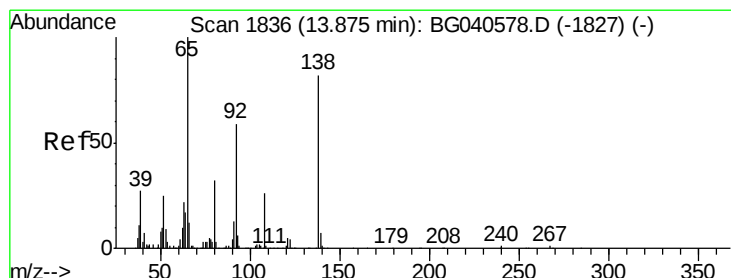
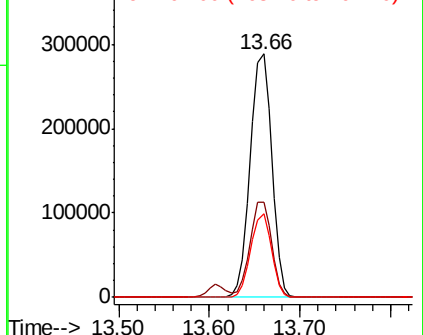
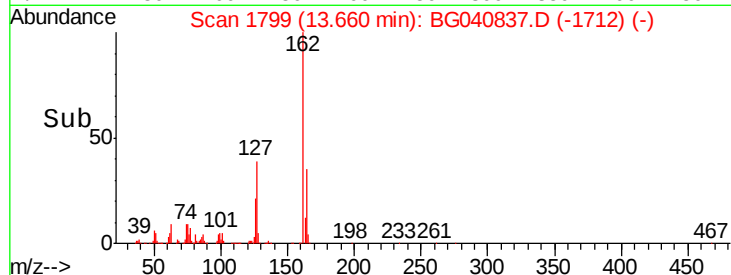


Abundance

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: 49.978 ng

RT: 13.87 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BG040837.D

Acq: 10 May 2019 5:52

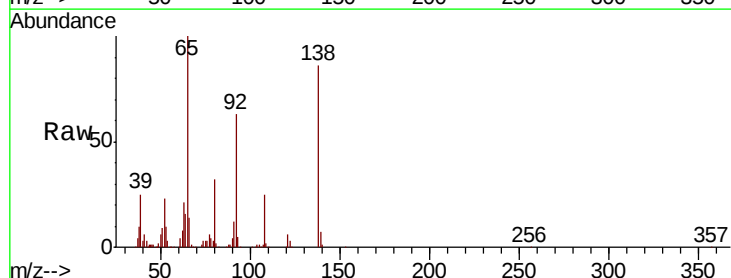
Tgt Ion: 65 Resp: 190207

Ion Ratio Lower Upper

65 100

92 62.5 47.4 71.0

138 86.2 66.1 99.1

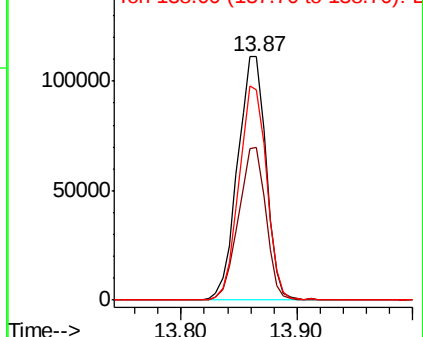
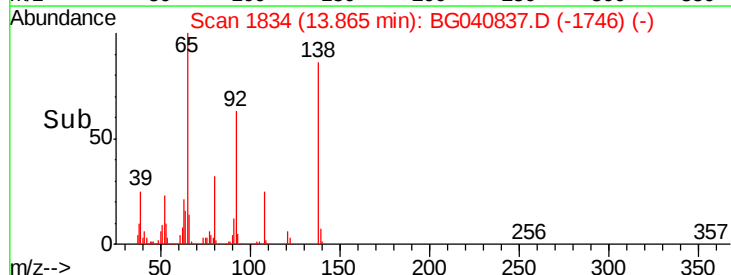


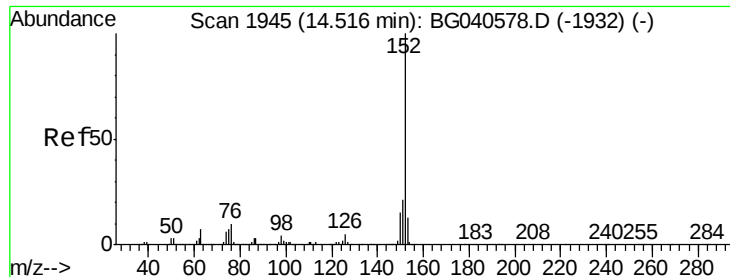
Abundance

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: 42.239 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG040837.D

Acq: 10 May 2019 5:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

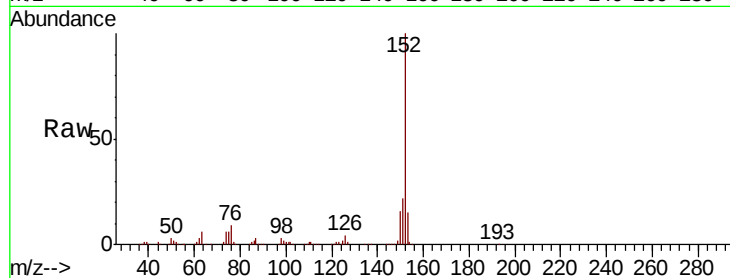
Tgt Ion:152 Resp: 766205

Ion Ratio Lower Upper

152 100

151 22.0 17.2 25.8

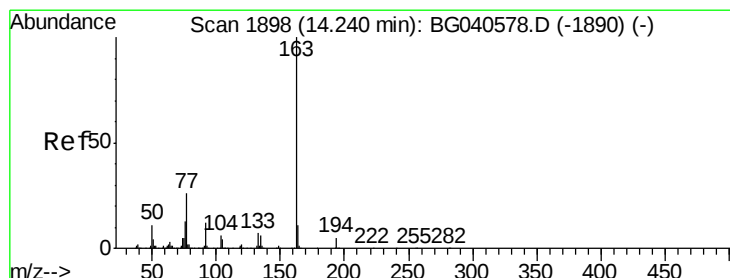
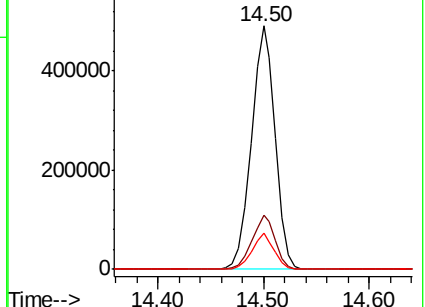
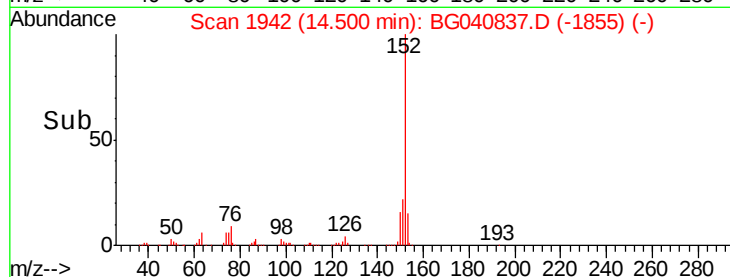
153 14.7 10.7 16.1



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: 43.144 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG040837.D

Acq: 10 May 2019 5:52

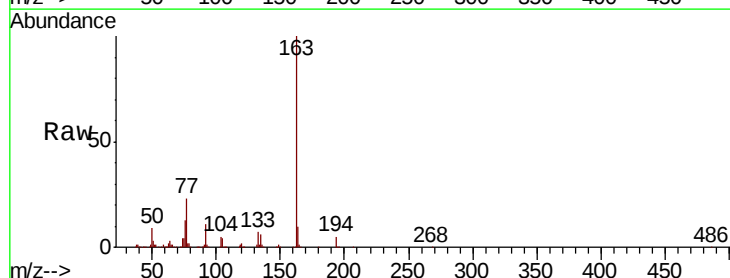
Tgt Ion:163 Resp: 635179

Ion Ratio Lower Upper

163 100

194 5.0 3.8 5.8

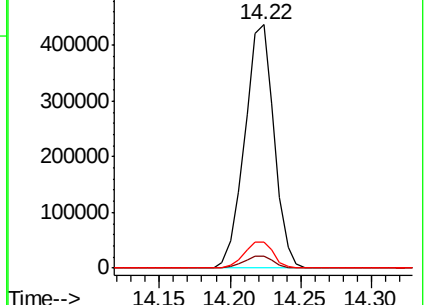
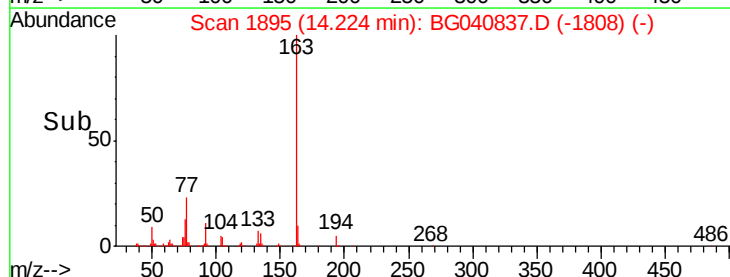
164 10.5 8.8 13.2



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: 51.092 ng

RT: 14.35 min Scan# 1916

Delta R.T. -0.02 min

Lab File: BG040837.D

Acq: 10 May 2019 5:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

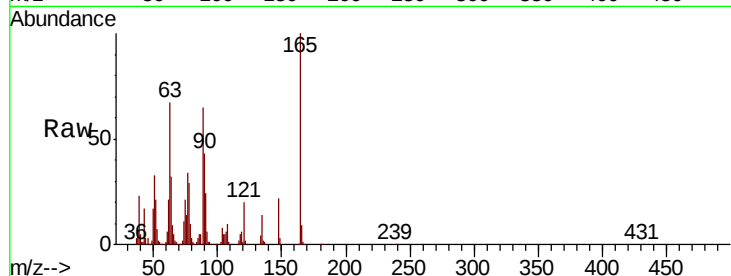
Tgt Ion:165 Resp: 146806

Ion Ratio Lower Upper

165 100

63 67.1 61.0 91.4

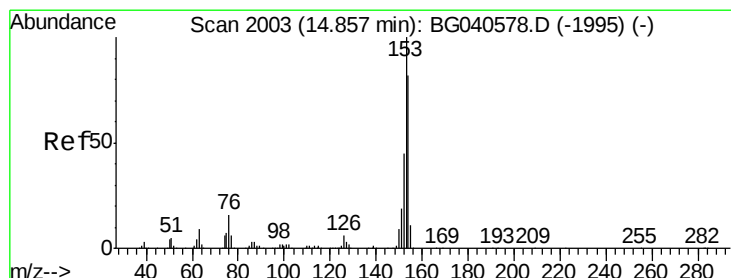
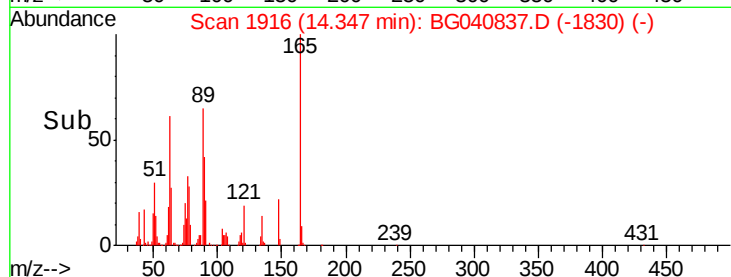
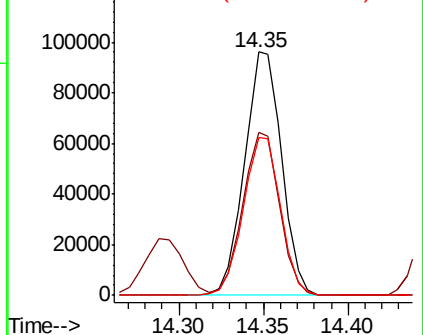
89 65.0 58.6 87.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 42.312 ng

RT: 14.83 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BG040837.D

Acq: 10 May 2019 5:52

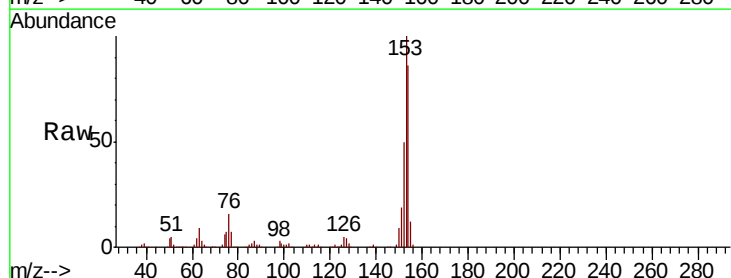
Tgt Ion:154 Resp: 446976

Ion Ratio Lower Upper

154 100

153 116.4 97.0 145.6

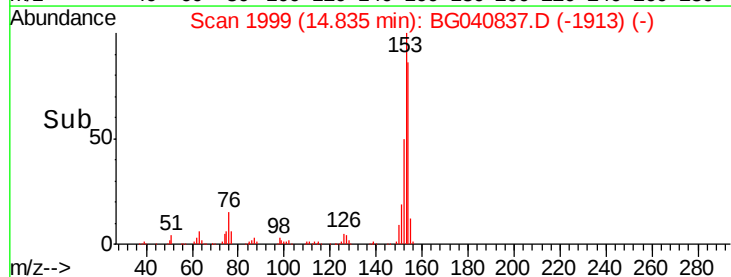
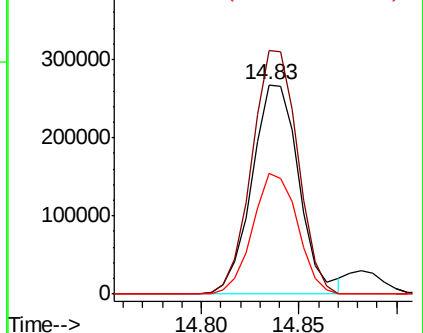
152 57.9 44.1 66.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

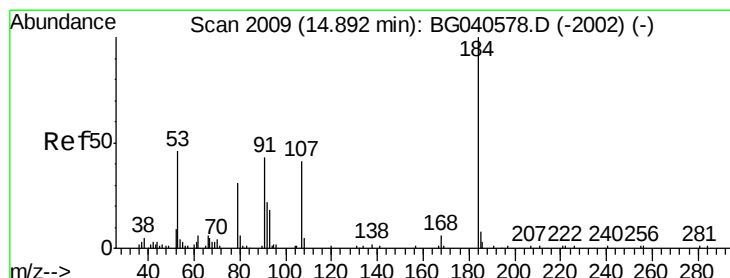
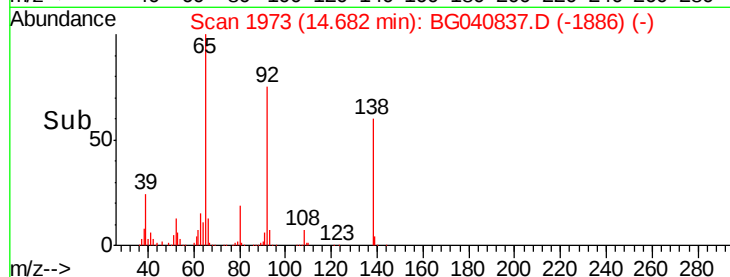
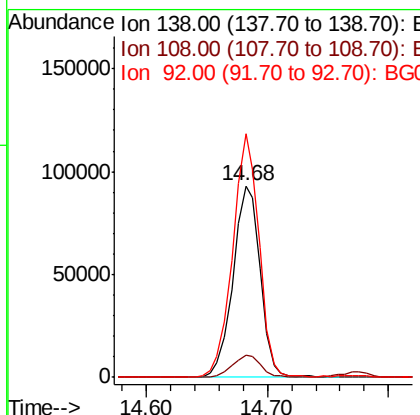
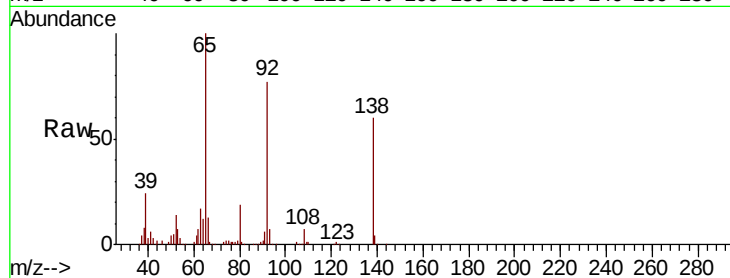




#53
 3-Nitroaniline
 Concen: 49.394 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.02 min
 Lab File: BG040837.D
 Acq: 10 May 2019 5:52

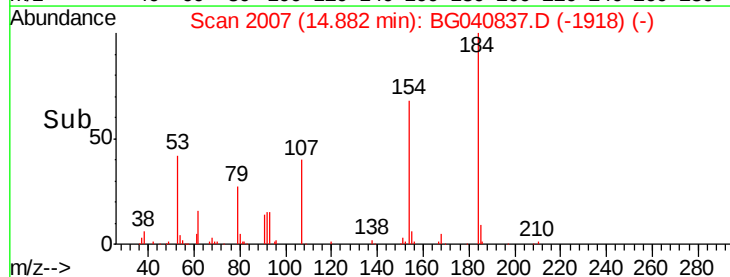
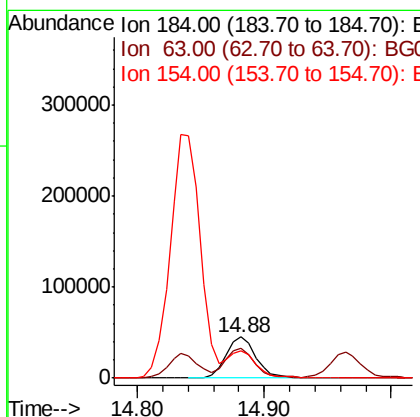
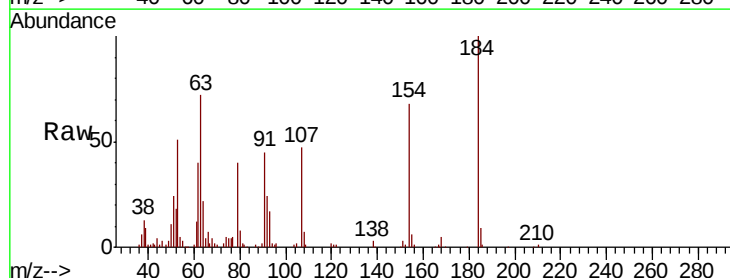
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

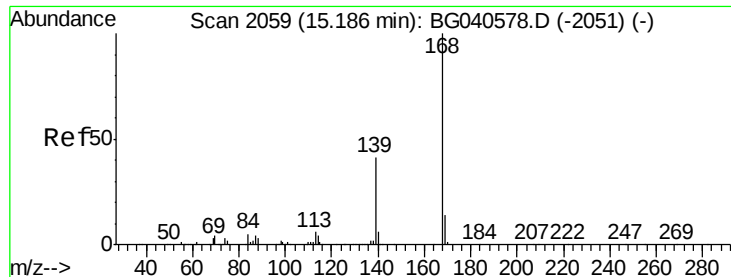
Tgt Ion:138 Resp: 145419
 Ion Ratio Lower Upper
 138 100
 108 11.7 12.4 18.6#
 92 127.0 108.6 162.8



#54
 2,4-Dinitrophenol
 Concen: 48.974 ng
 RT: 14.88 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BG040837.D
 Acq: 10 May 2019 5:52

Tgt Ion:184 Resp: 74533
 Ion Ratio Lower Upper
 184 100
 63 71.6 51.8 77.6
 154 67.6 43.6 65.4#





#55

Dibenzenofuran

Concen: 44.154 ng

RT: 15.17 min Scan# 2056

Delta R.T. -0.02 min

Lab File: BG040837.D

Acq: 10 May 2019 5:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

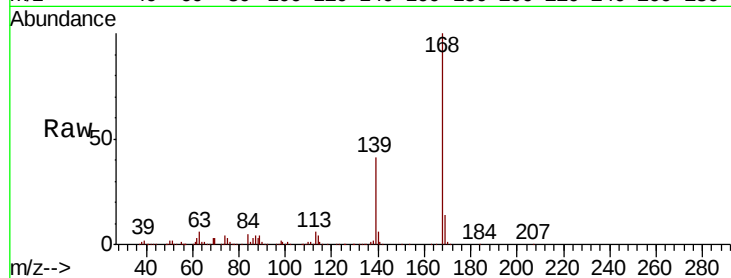
Tgt Ion:168 Resp: 763989

Ion Ratio Lower Upper

168 100

139 41.2 33.0 49.4

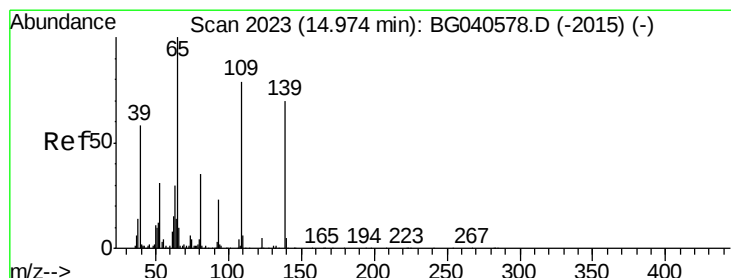
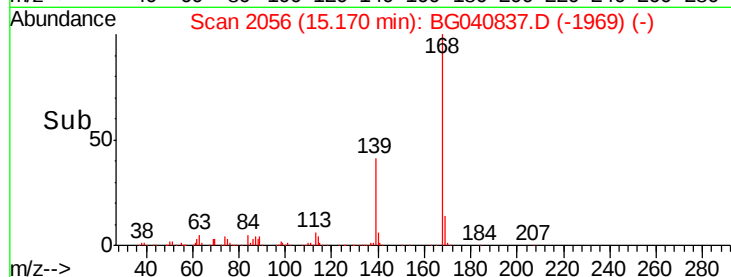
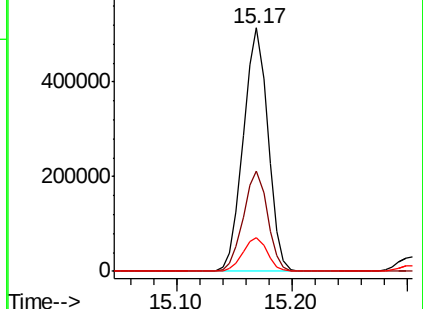
169 13.8 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 46.118 ng

RT: 14.96 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BG040837.D

Acq: 10 May 2019 5:52

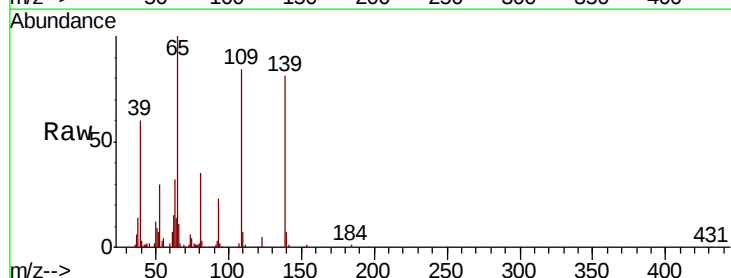
Tgt Ion:139 Resp: 117731

Ion Ratio Lower Upper

139 100

109 104.3 93.8 133.8

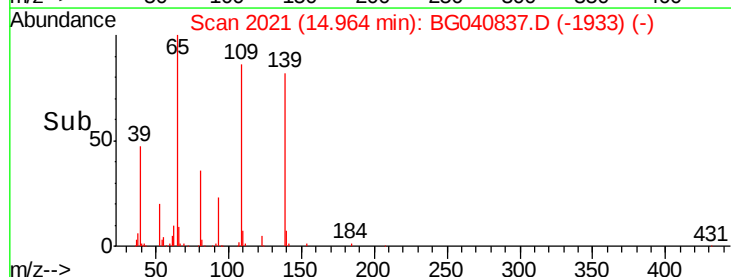
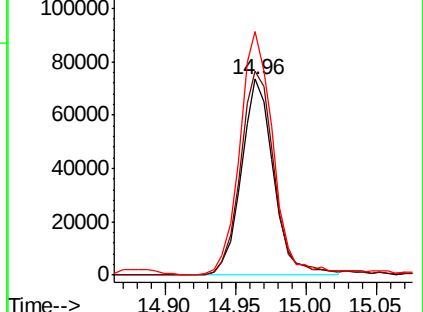
65 124.2 122.7 162.7



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

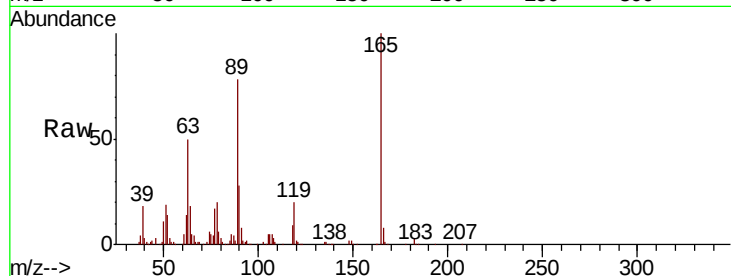




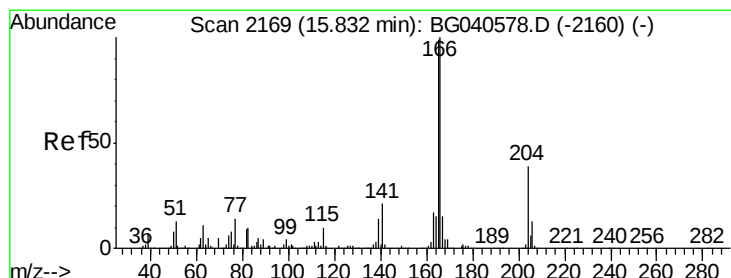
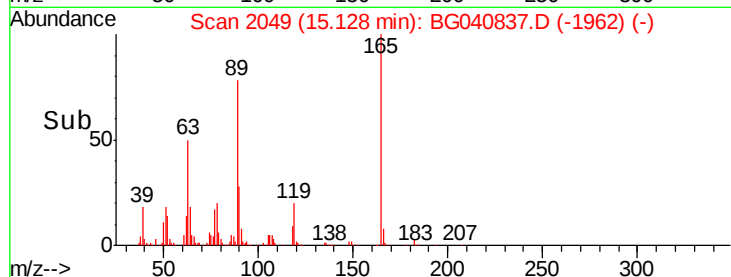
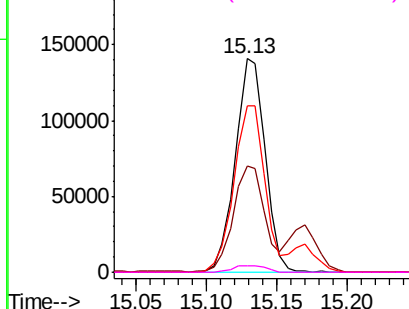
#57
2,4-Dinitrotoluene
Concen: 53.053 ng
RT: 15.13 min Scan# 2049
Delta R.T. -0.02 min
Lab File: BG040837.D
Acq: 10 May 2019 5:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 207143
Ion Ratio Lower Upper
165 100
63 50.0 45.8 68.8
89 78.0 69.4 104.2
182 3.0 2.2 3.4

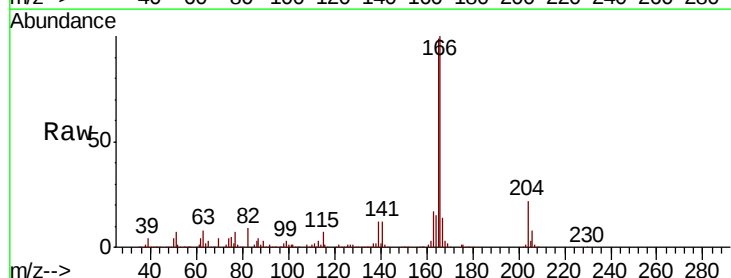


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

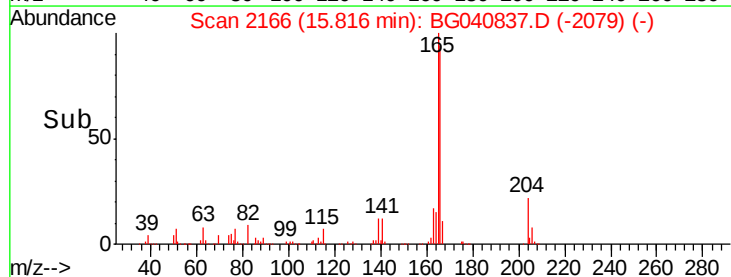
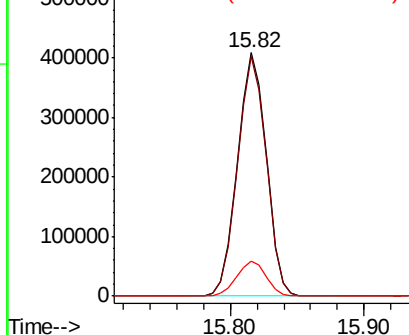


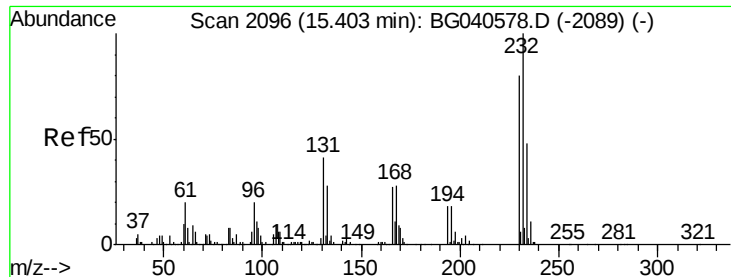
#58
Fluorene
Concen: 43.748 ng
RT: 15.82 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BG040837.D
Acq: 10 May 2019 5:52

Tgt Ion:166 Resp: 611830
Ion Ratio Lower Upper
166 100
165 98.6 79.6 119.4
167 14.1 12.2 18.2



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

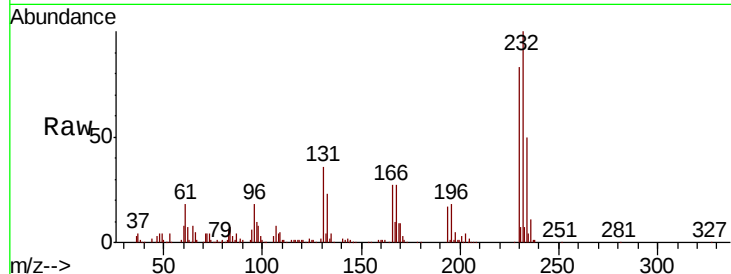




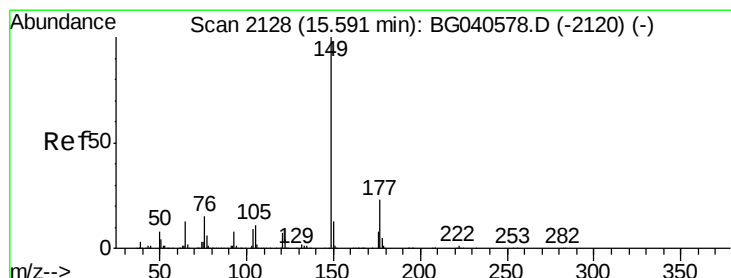
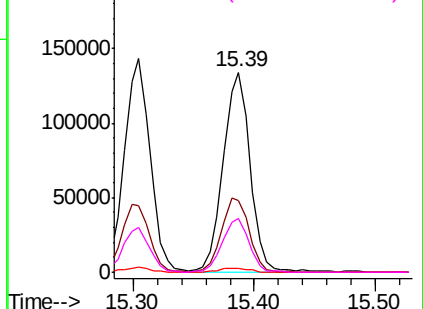
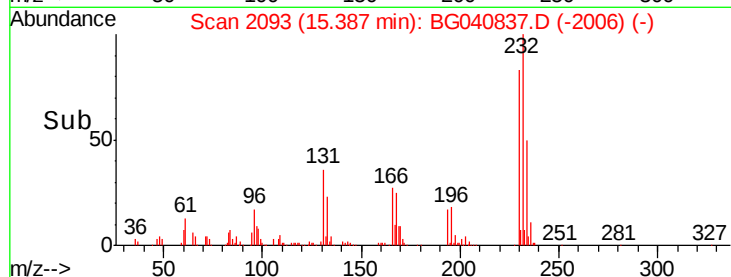
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.201 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. -0.02 min
 Lab File: BG040837.D
 Acq: 10 May 2019 5:52

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	232	Resp:	205009
Ion	Ratio	Lower	Upper
232	100		
131	37.9	33.0	49.4
130	2.3	2.0	3.0
166	27.2	22.1	33.1

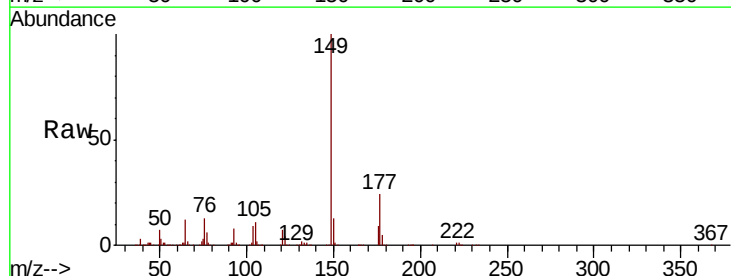


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

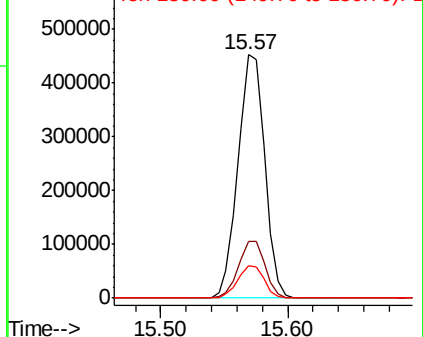
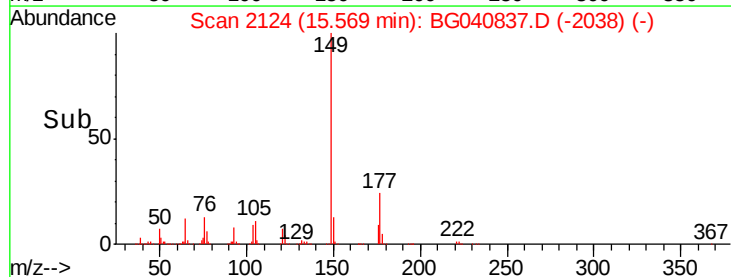


#60
 Diethylphthalate
 Concen: 42.543 ng
 RT: 15.57 min Scan# 2124
 Delta R.T. -0.02 min
 Lab File: BG040837.D
 Acq: 10 May 2019 5:52

Tgt Ion:	149	Resp:	660833
Ion	Ratio	Lower	Upper
149	100		
177	23.6	18.5	27.7
150	13.3	10.2	15.4



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

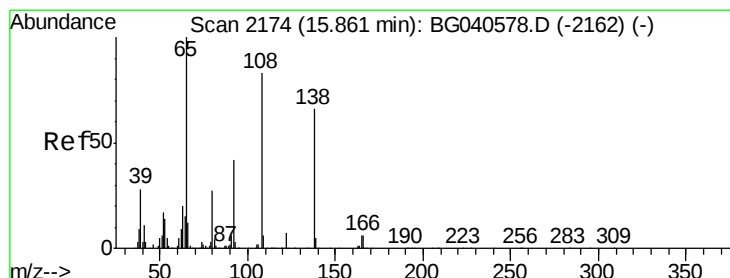
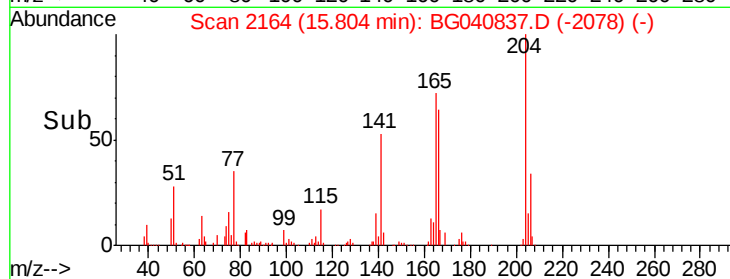
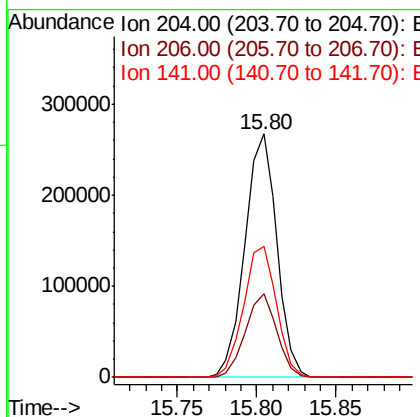
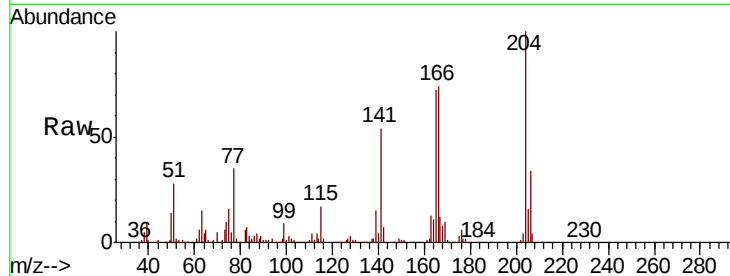




#61
 4-Chlorophenyl-phenylether
 Concen: 45.910 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.02 min
 Lab File: BG040837.D
 Acq: 10 May 2019 5:52

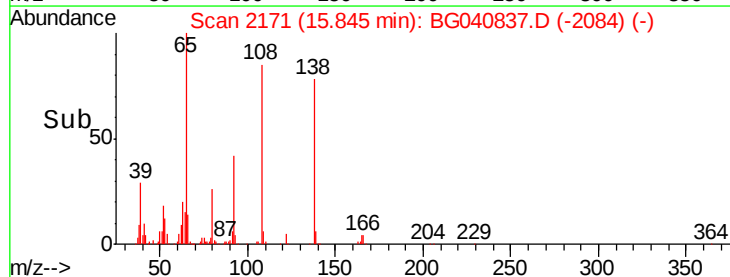
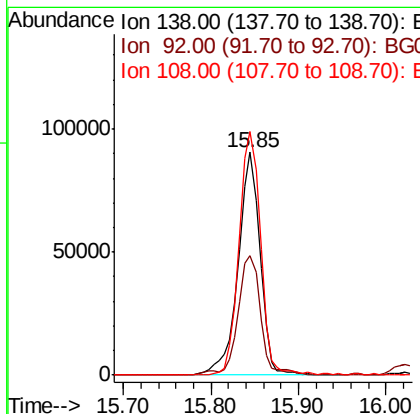
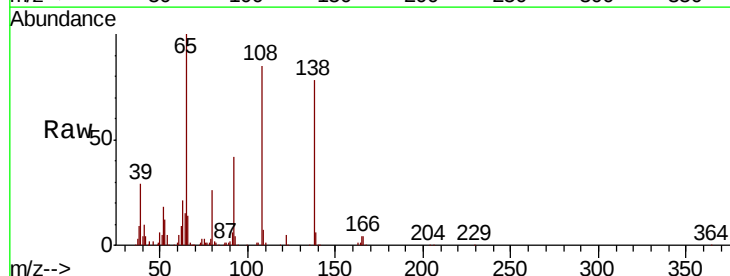
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

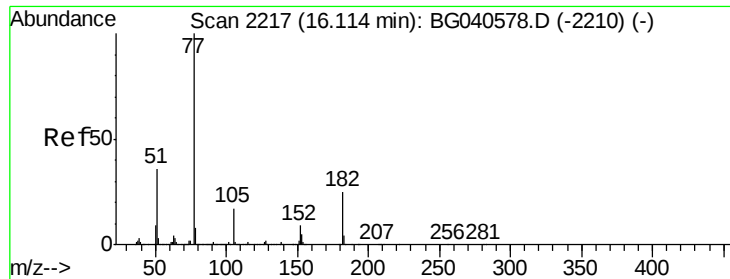
Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.2	27.4	41.2
141	53.5	46.0	69.0



#62
 4-Nitroaniline
 Concen: 46.405 ng
 RT: 15.85 min Scan# 2171
 Delta R.T. -0.02 min
 Lab File: BG040837.D
 Acq: 10 May 2019 5:52

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.6	43.9	83.9
108	109.4	106.5	146.5

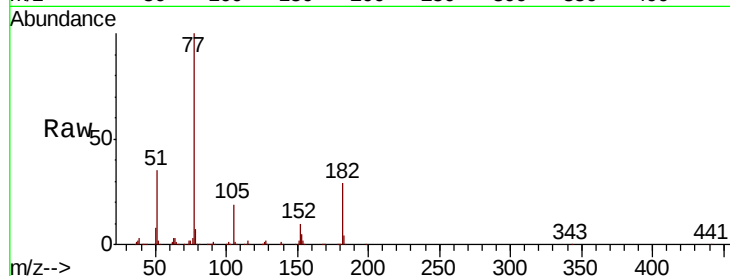




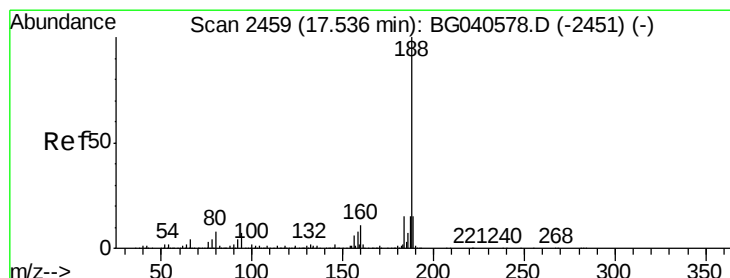
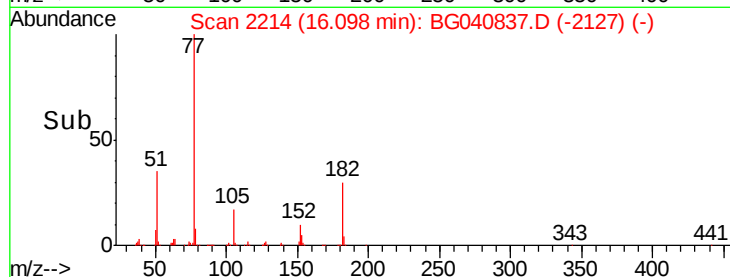
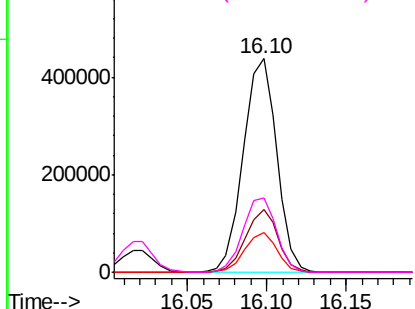
#63
Azobenzene
Concen: 39.933 ng
RT: 16.10 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG040837.D
Acq: 10 May 2019 5:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:	77	Resp:	638812
Ion	Ratio	Lower	Upper
77	100		
182	29.5	5.0	45.0
105	18.5	0.0	37.6
51	34.7	16.3	56.3

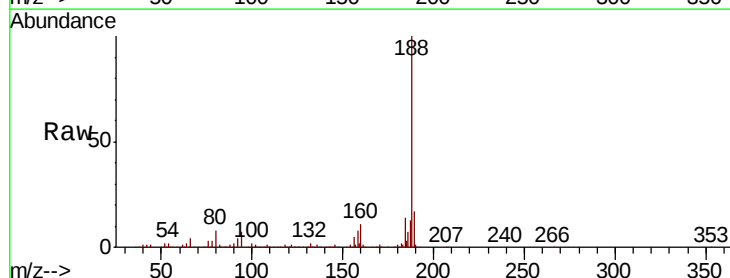


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC

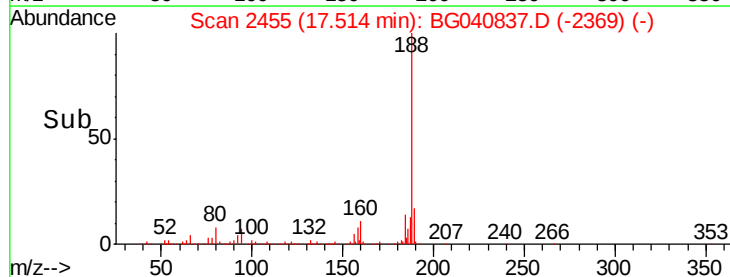
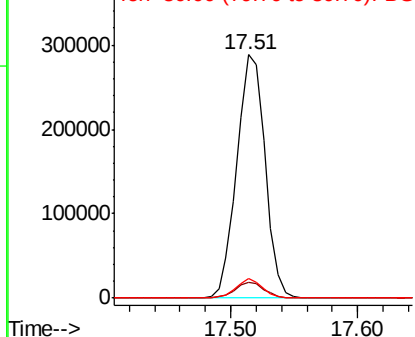


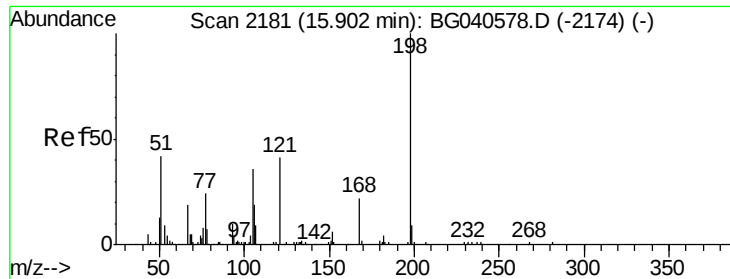
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040837.D
Acq: 10 May 2019 5:52

Tgt Ion:	188	Resp:	445872
Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.6	8.4
80	7.9	6.4	9.6



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

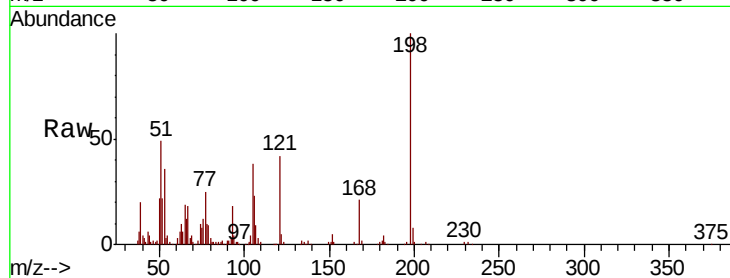




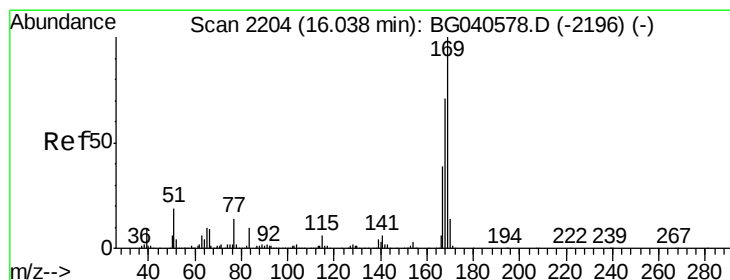
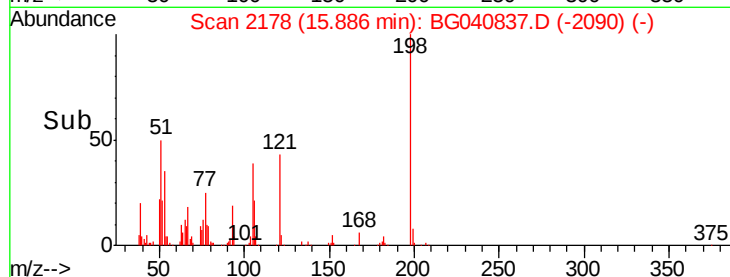
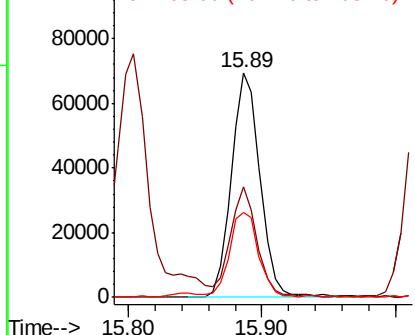
#65
 4,6-Dinitro-2-methylphenol
 Concen: 47.223 ng
 RT: 15.89 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BG040837.D
 Acq: 10 May 2019 5:52

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
198	100		
51	49.0	35.9	75.9
105	37.6	21.2	61.2

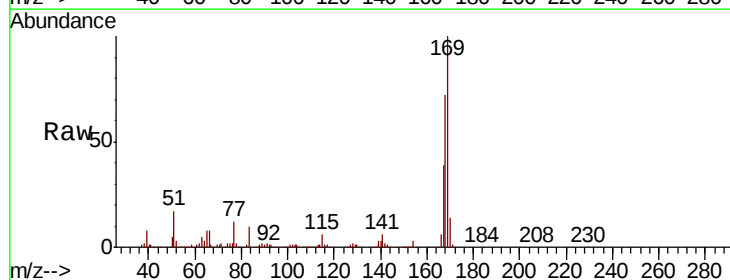


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

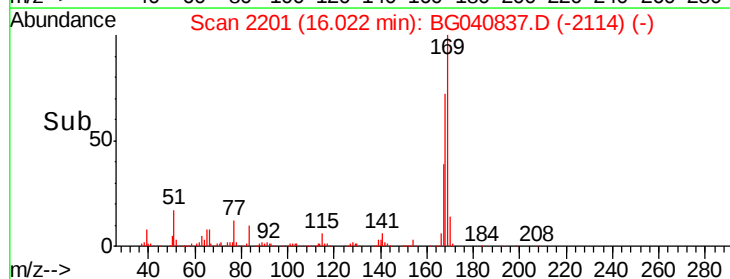
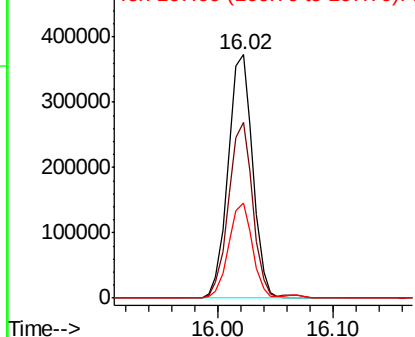


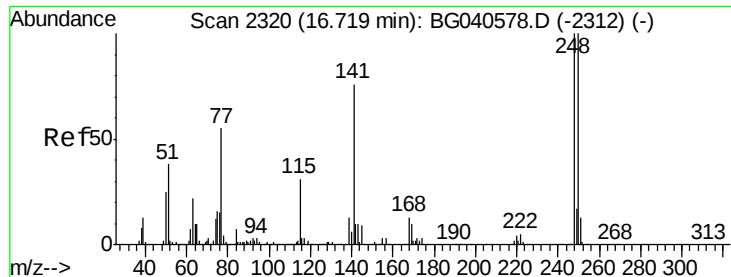
#66
 n-Nitrosodiphenylamine
 Concen: 41.781 ng
 RT: 16.02 min Scan# 2201
 Delta R.T. -0.02 min
 Lab File: BG040837.D
 Acq: 10 May 2019 5:52

Tgt Ion	Ratio	Lower	Upper
169	100		
168	72.4	56.8	85.2
167	39.3	31.4	47.0



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

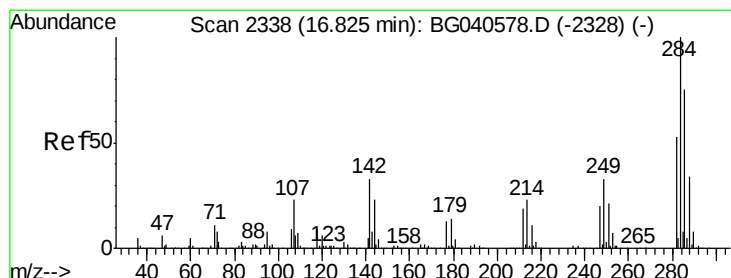
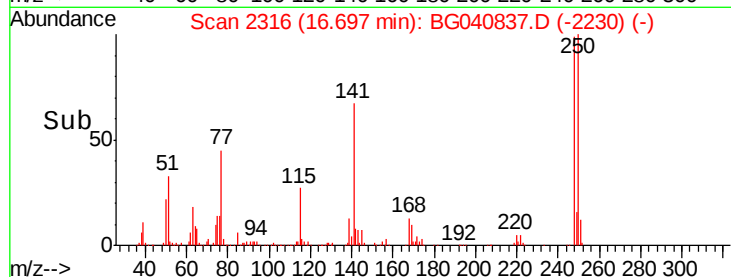
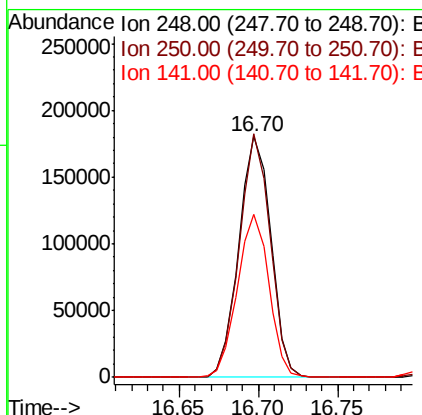
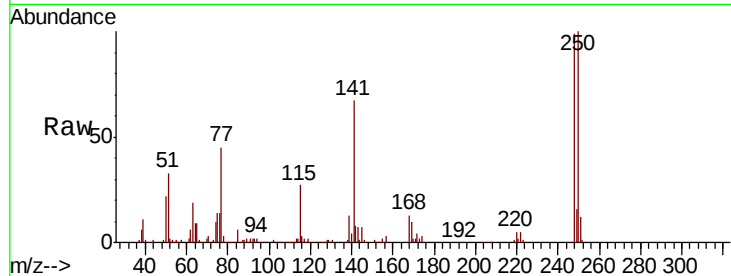




#67
 4-Bromophenyl-phenylether
 Concen: 45.621 ng
 RT: 16.70 min Scan# 2316
 Delta R.T. -0.02 min
 Lab File: BG040837.D
 Acq: 10 May 2019 5:52

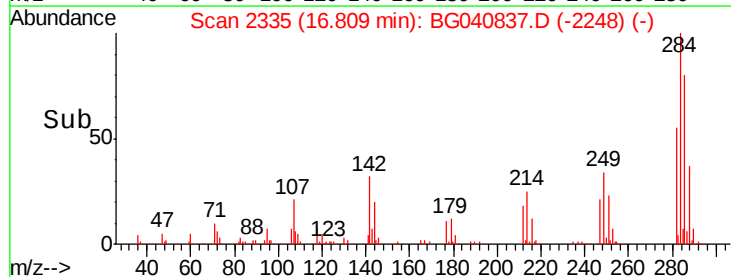
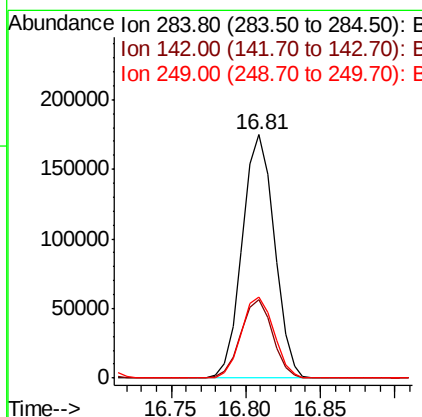
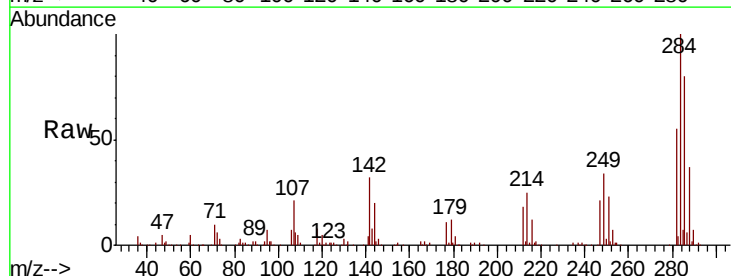
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

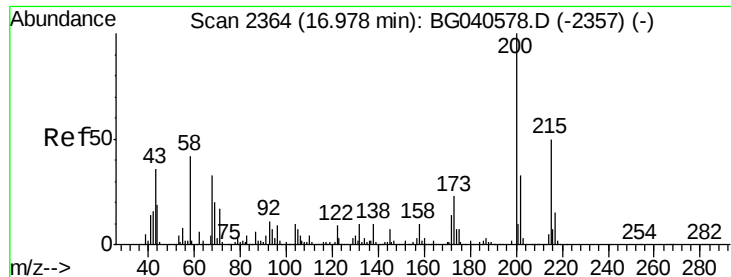
Tgt Ion	Ratio	Lower	Upper
248	100		
250	101.1	79.8	119.6
141	67.9	60.8	91.2



#68
 Hexachlorobenzene
 Concen: 45.545 ng
 RT: 16.81 min Scan# 2335
 Delta R.T. -0.02 min
 Lab File: BG040837.D
 Acq: 10 May 2019 5:52

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.4	26.6	40.0
249	33.5	26.0	39.0

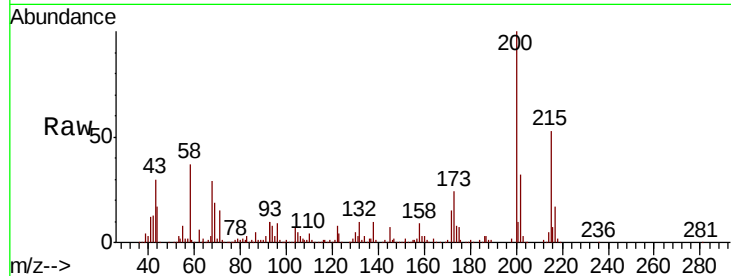




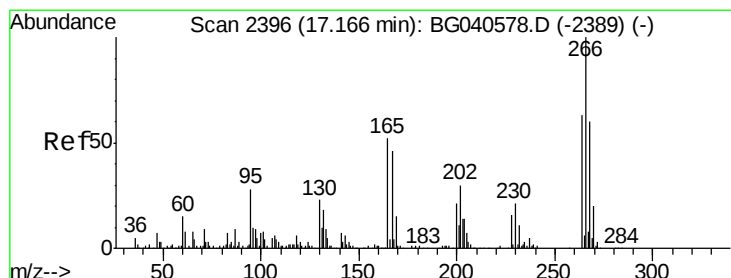
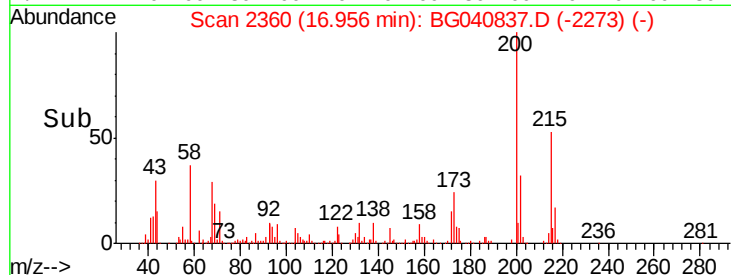
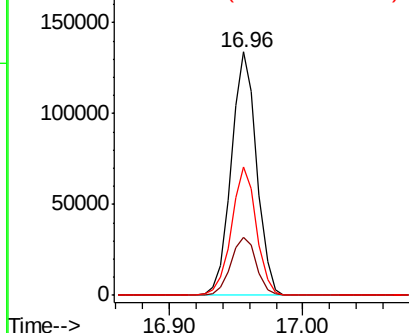
#69
Atrazine
Concen: 34.118 ng
RT: 16.96 min Scan# 2360
Delta R.T. -0.02 min
Lab File: BG040837.D
Acq: 10 May 2019 5:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.8	2.8	42.8
215	52.9	30.2	70.2

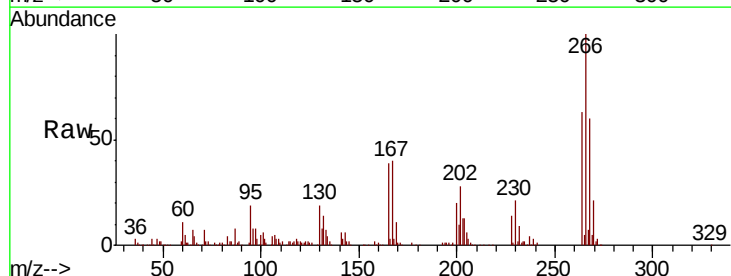


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

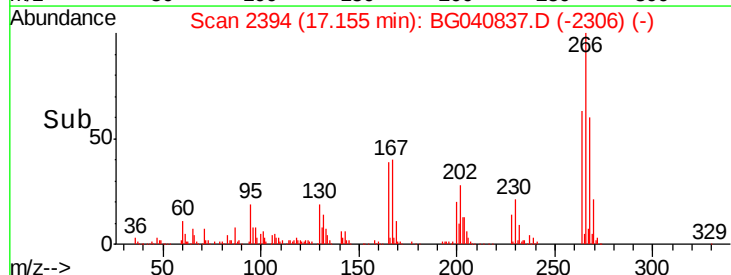
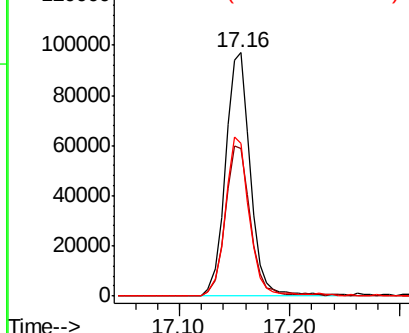


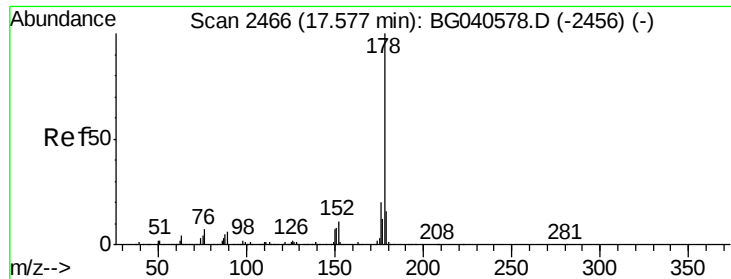
#70
Pentachlorophenol
Concen: 45.457 ng
RT: 17.16 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BG040837.D
Acq: 10 May 2019 5:52

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.4	52.3	78.5
264	62.5	50.0	75.0



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

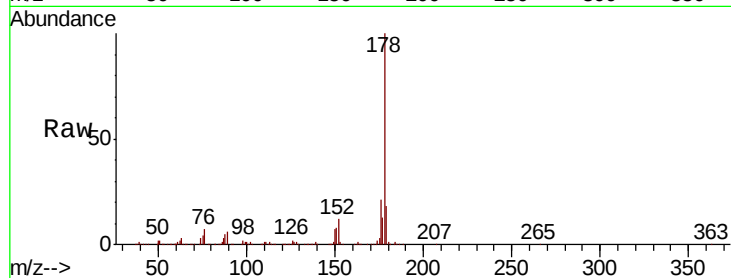




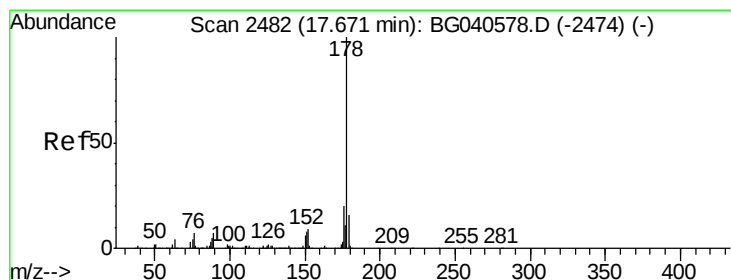
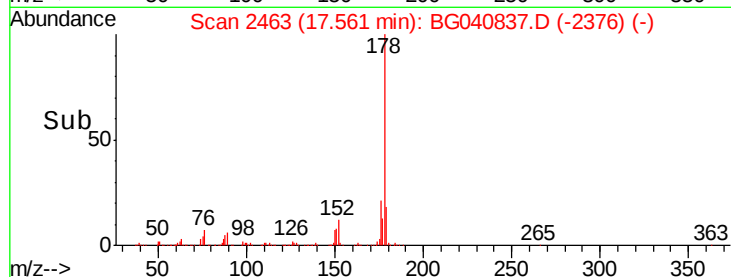
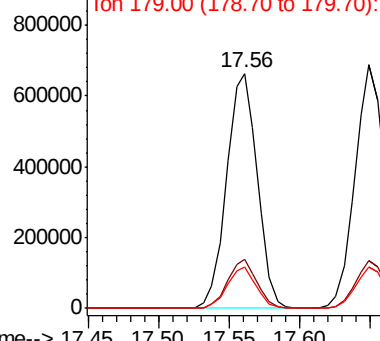
#71
Phenanthrene
Concen: 42.165 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040837.D
Acq: 10 May 2019 5:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 1012631
Ion Ratio Lower Upper
178 100
176 20.8 15.8 23.6
179 17.5 12.6 18.8

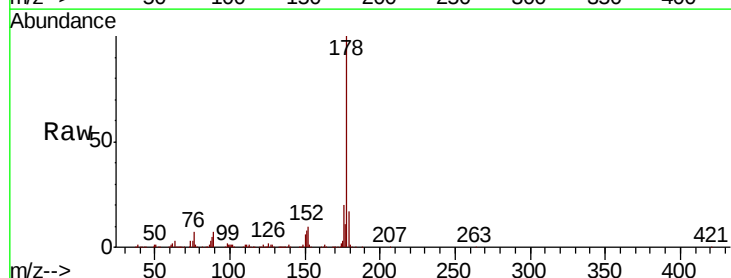


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

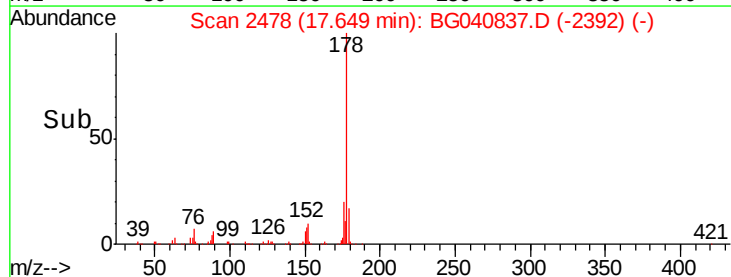
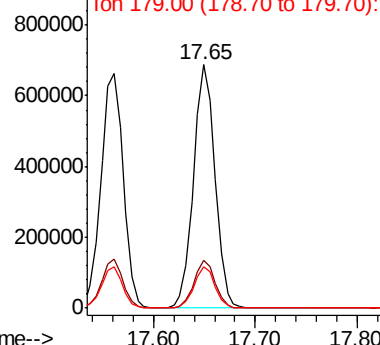


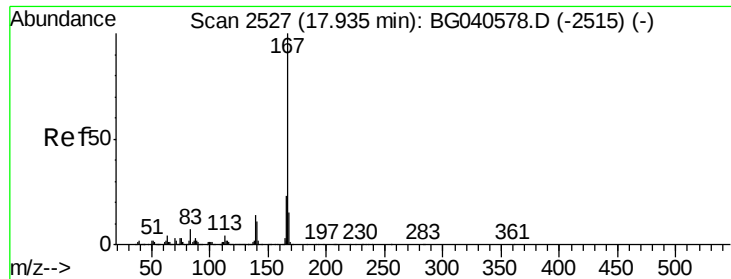
#72
Anthracene
Concen: 41.840 ng
RT: 17.65 min Scan# 2478
Delta R.T. -0.02 min
Lab File: BG040837.D
Acq: 10 May 2019 5:52

Tgt Ion:178 Resp: 1010014
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 16.9 12.9 19.3



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

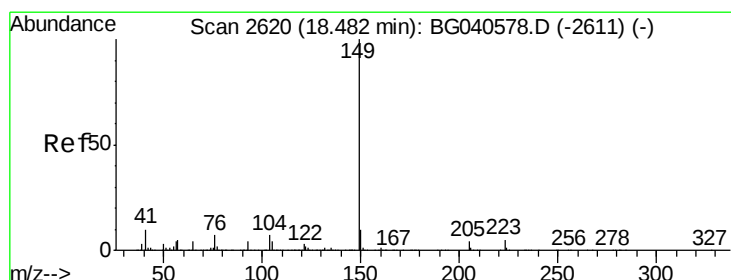
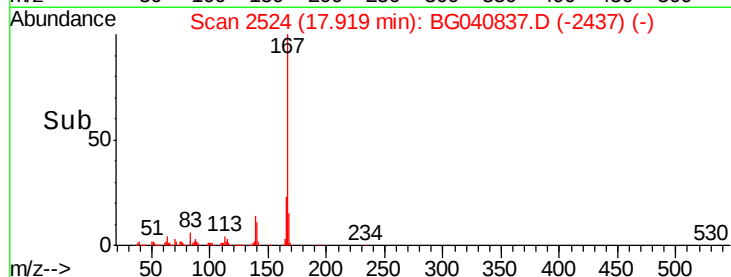
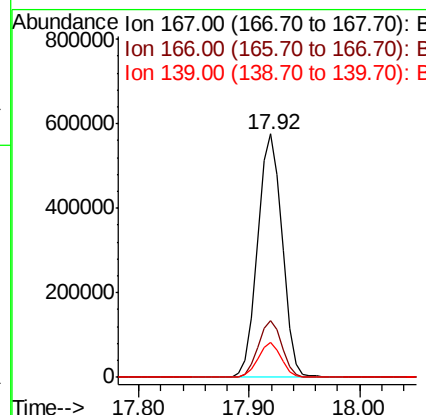
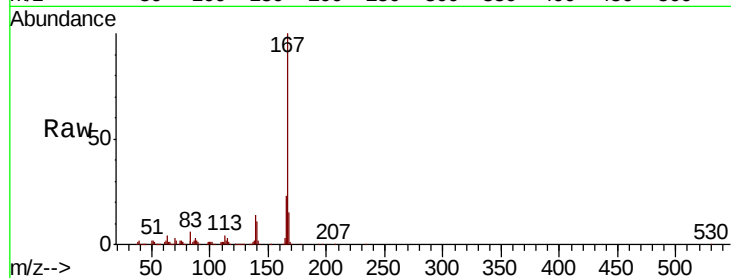




#73
 Carbazole
 Concen: 40.867 ng
 RT: 17.92 min Scan# 2524
 Delta R.T. -0.02 min
 Lab File: BG040837.D
 Acq: 10 May 2019 5:52

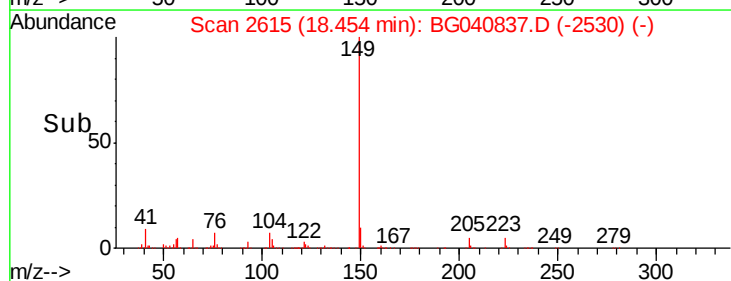
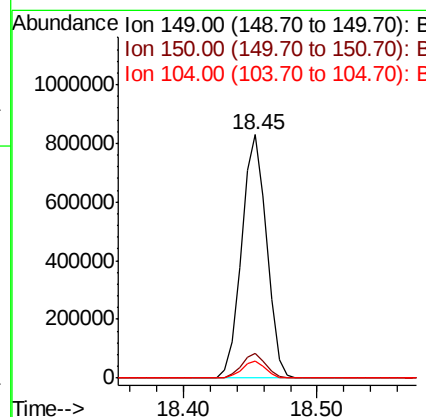
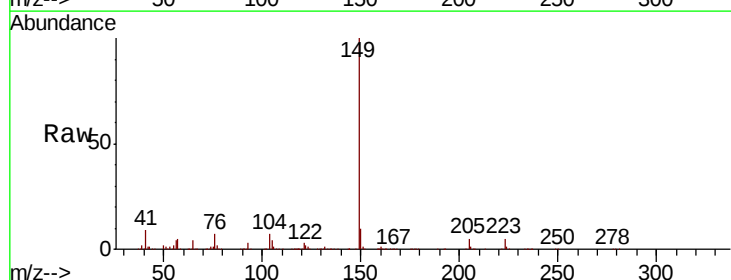
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.2	27.4
139	14.2	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 40.246 ng
 RT: 18.45 min Scan# 2615
 Delta R.T. -0.03 min
 Lab File: BG040837.D
 Acq: 10 May 2019 5:52

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.2	12.2
104	7.1	5.4	8.2





#75

Fluoranthene

Concen: 42.495 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.02 min

Lab File: BG040837.D

Acq: 10 May 2019 5:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

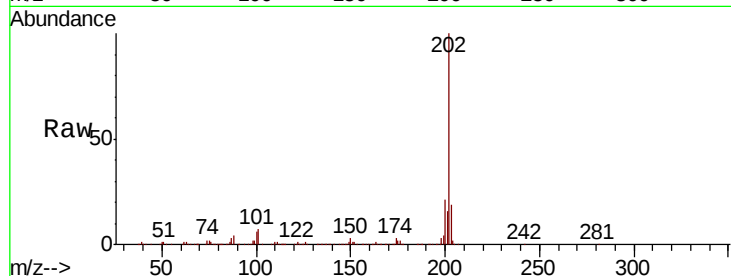
Tgt Ion:202 Resp: 1271780

Ion Ratio Lower Upper

202 100

101 7.1 0.0 27.5

203 18.9 0.0 39.3

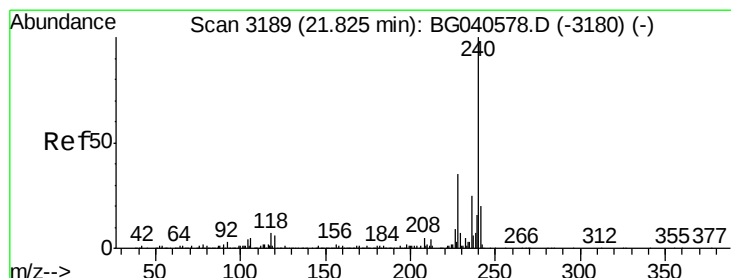
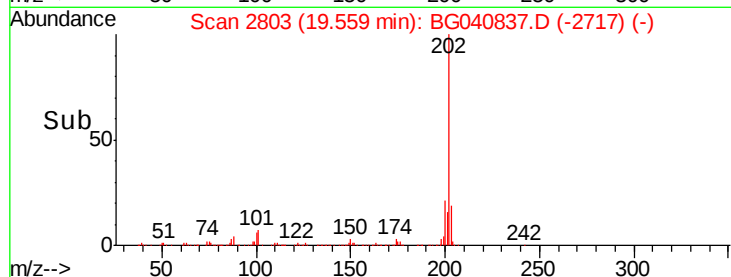
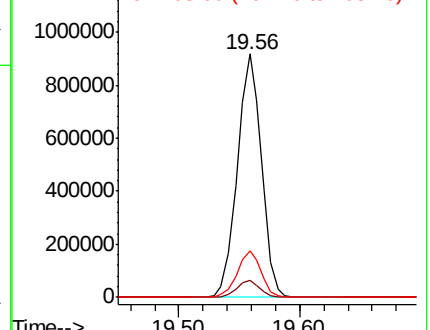


Abundance

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: 21.80 min Scan# 3185

Delta R.T. -0.02 min

Lab File: BG040837.D

Acq: 10 May 2019 5:52

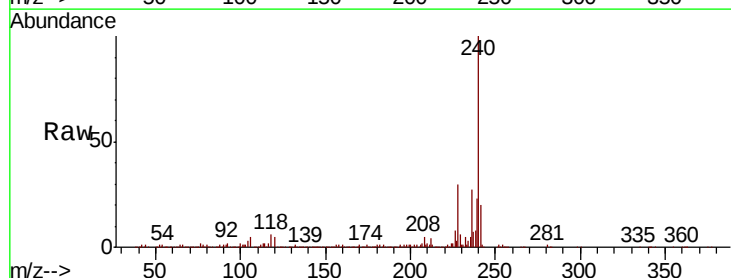
Tgt Ion:240 Resp: 433109

Ion Ratio Lower Upper

240 100

120 4.9 5.0 7.6#

236 26.8 20.3 30.5

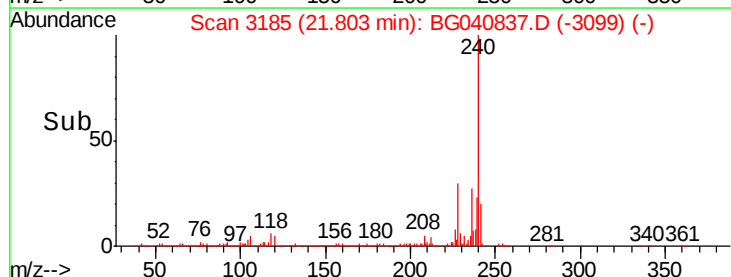
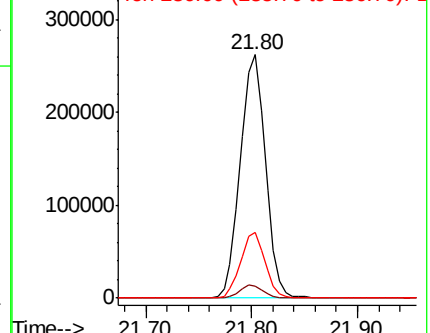


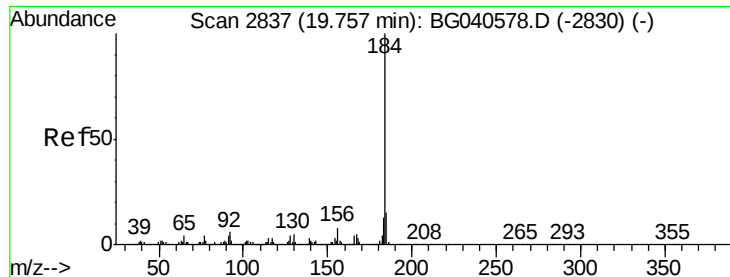
Abundance

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: 36.071 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG040837.D

Acq: 10 May 2019 5:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

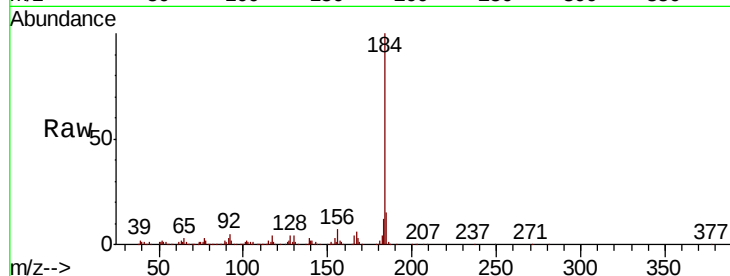
Tgt Ion:184 Resp: 427759

Ion Ratio Lower Upper

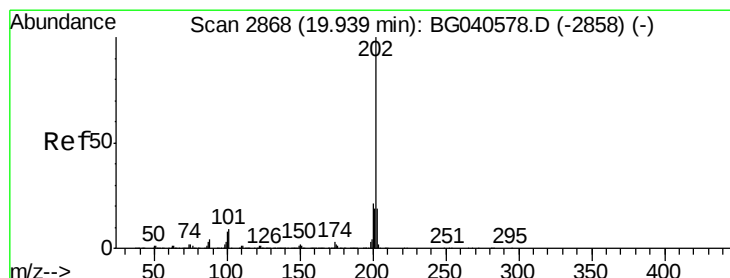
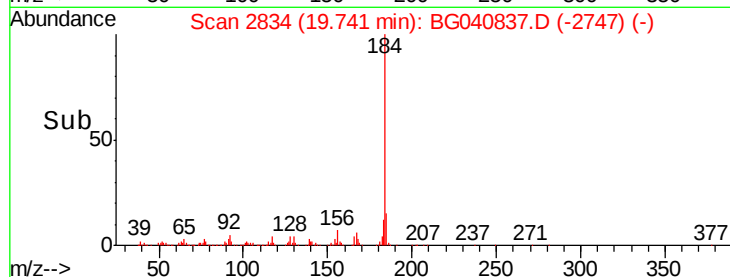
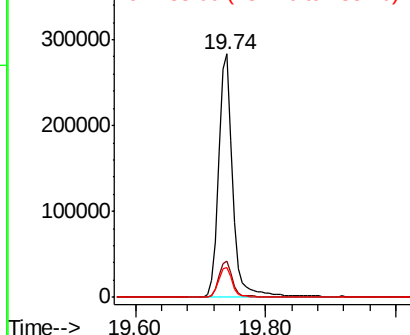
184 100

185 14.9 11.8 17.8

183 12.3 10.2 15.2



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: 47.222 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.02 min

Lab File: BG040837.D

Acq: 10 May 2019 5:52

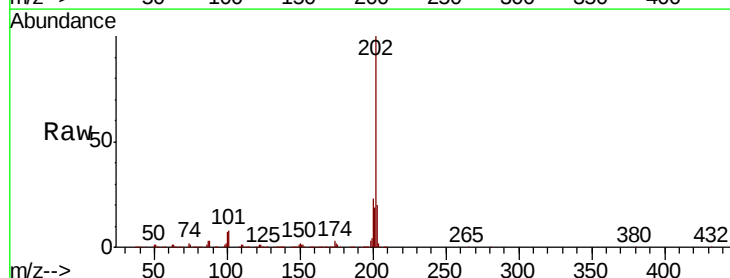
Tgt Ion:202 Resp: 1281857

Ion Ratio Lower Upper

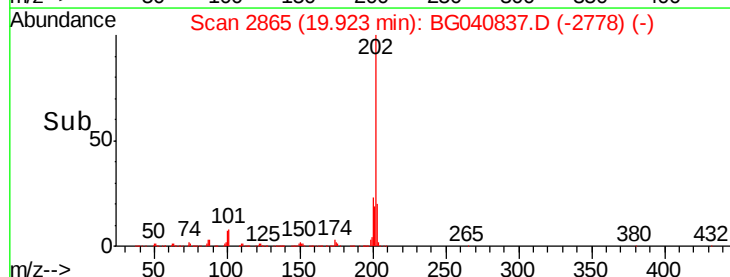
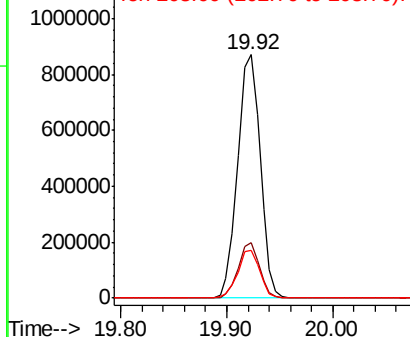
202 100

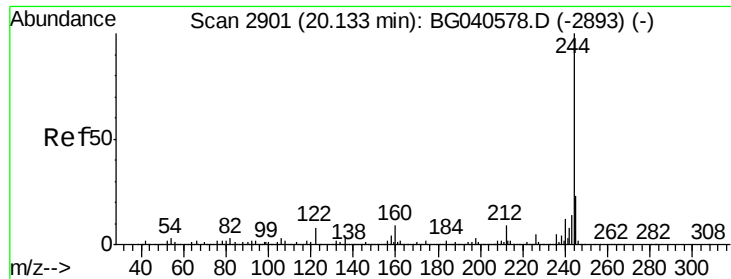
200 22.6 17.2 25.8

203 19.7 15.0 22.4



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: 92.316 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040837.D

Acq: 10 May 2019 5:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

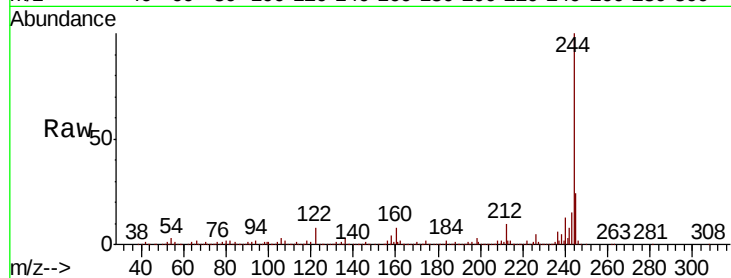
Tgt Ion:244 Resp: 1804760

Ion Ratio Lower Upper

244 100

212 9.7 7.2 10.8

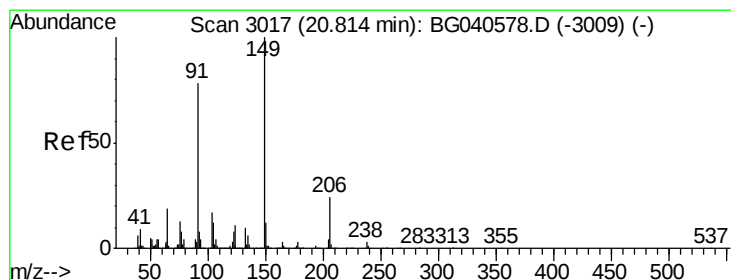
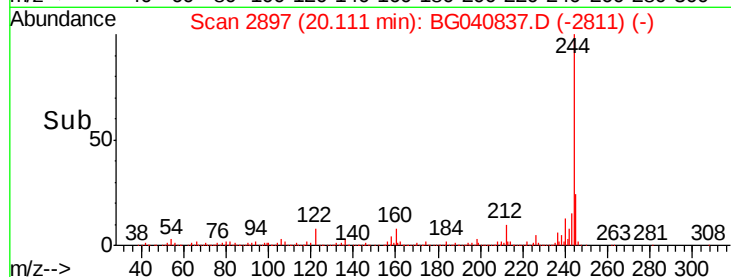
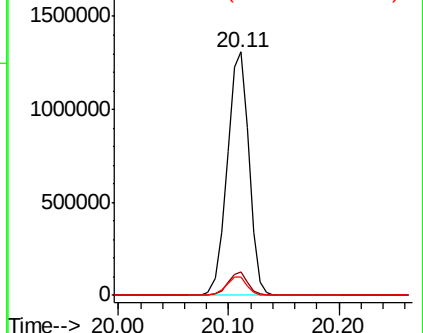
122 7.6 6.6 10.0



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: 45.976 ng

RT: 20.79 min Scan# 3012

Delta R.T. -0.03 min

Lab File: BG040837.D

Acq: 10 May 2019 5:52

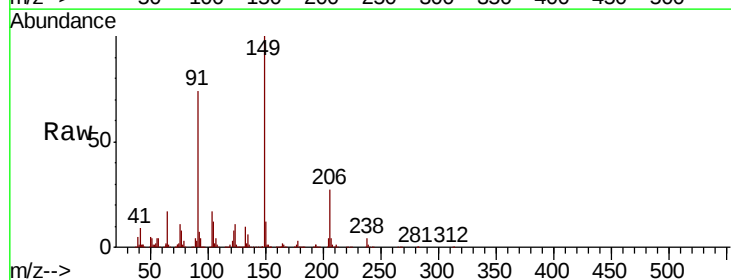
Tgt Ion:149 Resp: 486423

Ion Ratio Lower Upper

149 100

91 73.8 62.6 93.8

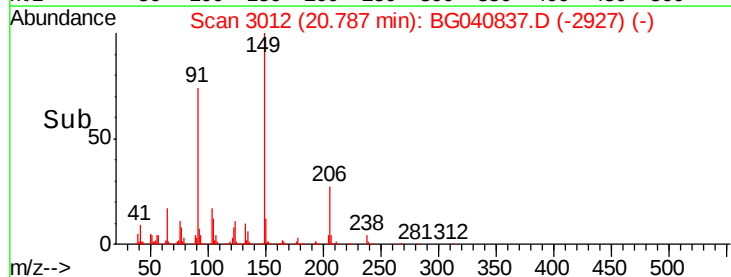
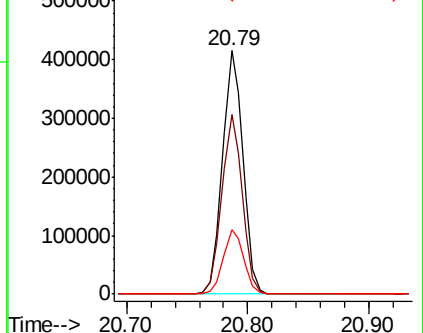
206 26.5 19.4 29.2

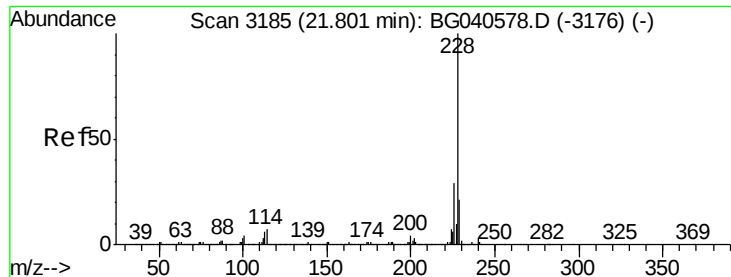


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.897 ng

RT: 21.78 min Scan# 3181

Delta R.T. -0.02 min

Lab File: BG040837.D

Acq: 10 May 2019 5:52

Instrument :

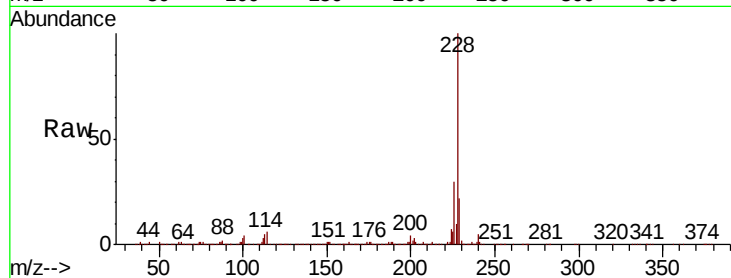
BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 1283700

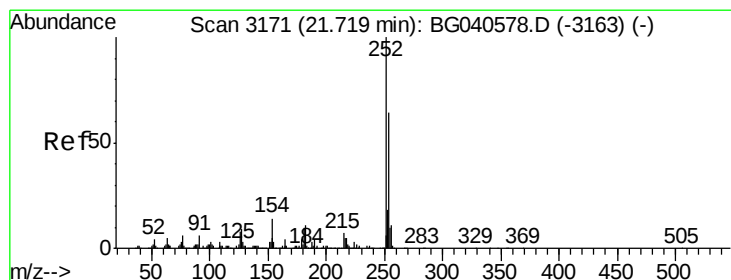
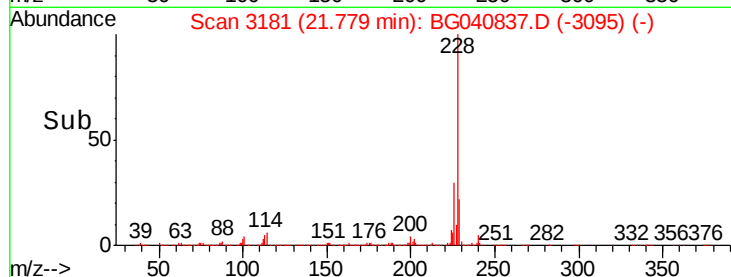
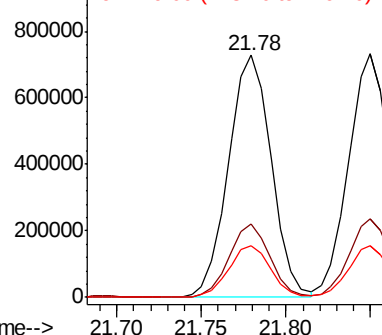
Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.1	34.7
229	21.6	17.0	25.4



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



#82

3,3'-Dichlorobenzidine

Concen: 46.393 ng

RT: 21.69 min Scan# 3166

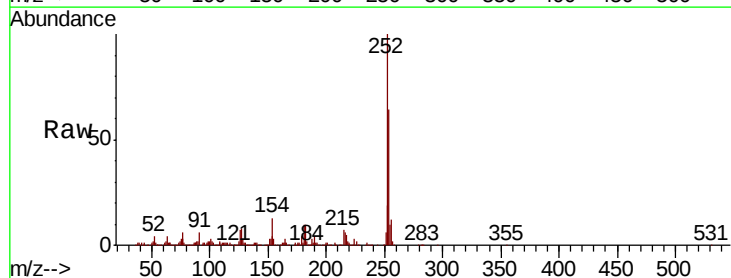
Delta R.T. -0.03 min

Lab File: BG040837.D

Acq: 10 May 2019 5:52

Tgt Ion:252 Resp: 452625

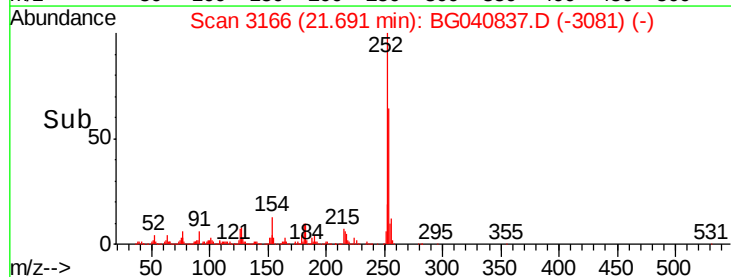
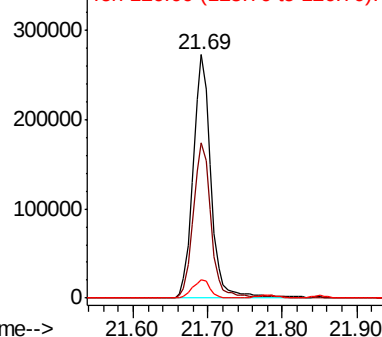
Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.2	76.8
126	7.3	6.6	10.0



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: 47.314 ng

RT: 21.85 min Scan# 3193

Delta R.T. -0.02 min

Lab File: BG040837.D

Acq: 10 May 2019 5:52

Instrument :

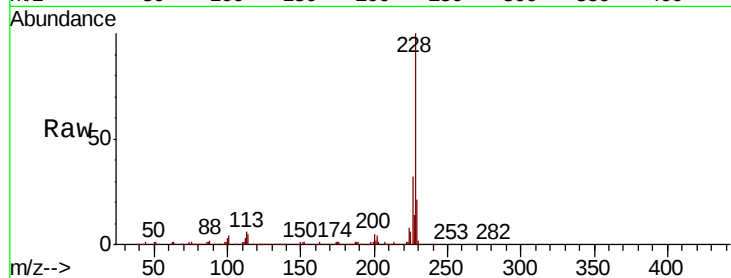
BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 228 Resp: 1231691

Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.5	38.3
229	21.0	16.8	25.2

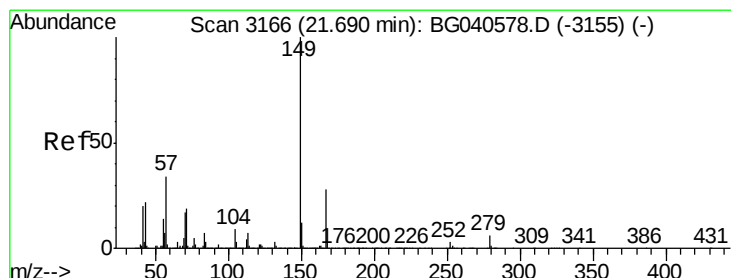
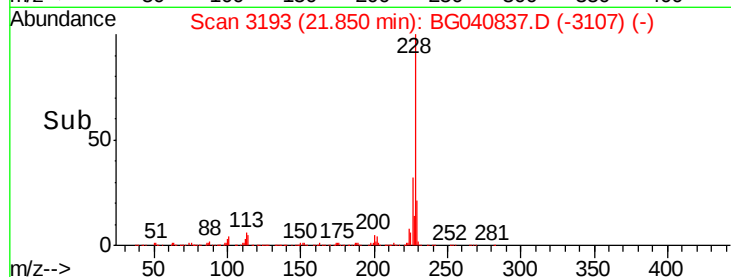
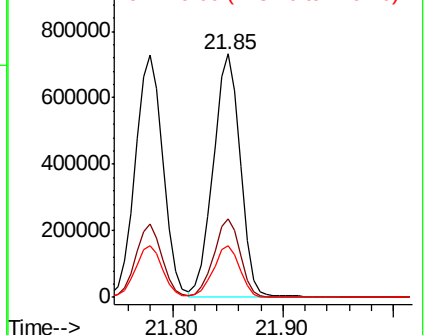


Abundance

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: 44.818 ng

RT: 21.65 min Scan# 3159

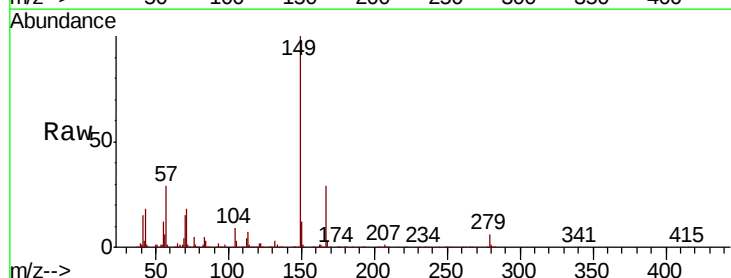
Delta R.T. -0.04 min

Lab File: BG040837.D

Acq: 10 May 2019 5:52

Tgt Ion: 149 Resp: 684480

Ion	Ratio	Lower	Upper
149	100		
167	29.4	22.4	33.6
279	6.2	4.6	6.8

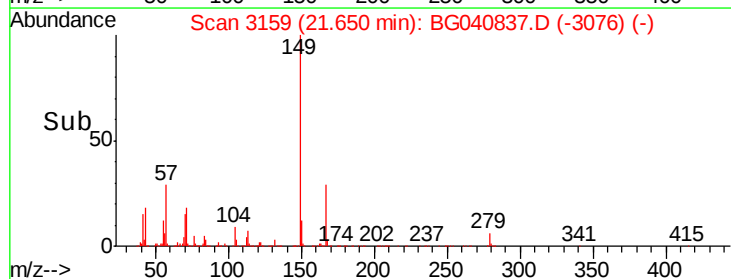
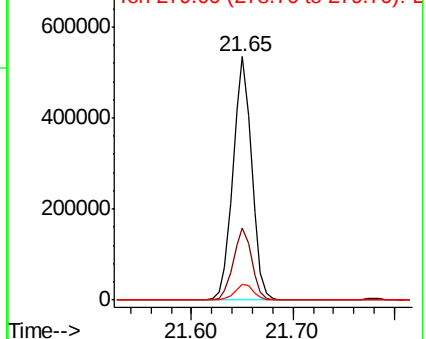


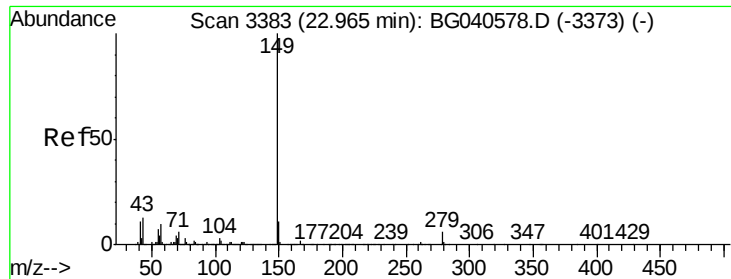
Abundance

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: 44.075 ng

RT: 22.90 min Scan# 3372

Delta R.T. -0.06 min

Lab File: BG040837.D

Acq: 10 May 2019 5:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

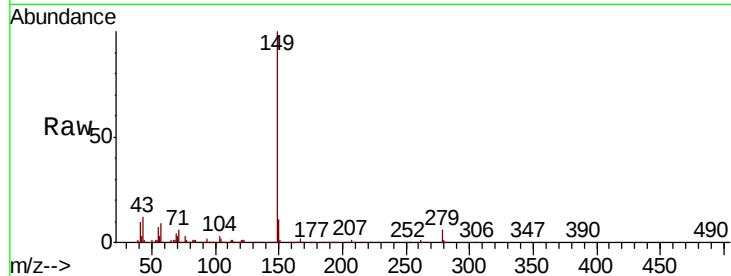
Tgt Ion:149 Resp: 1133623

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

43 11.2 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

22.90

800000

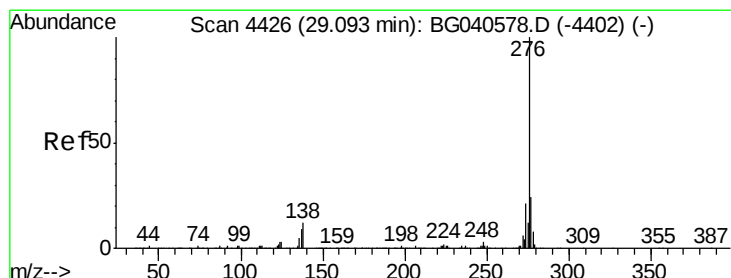
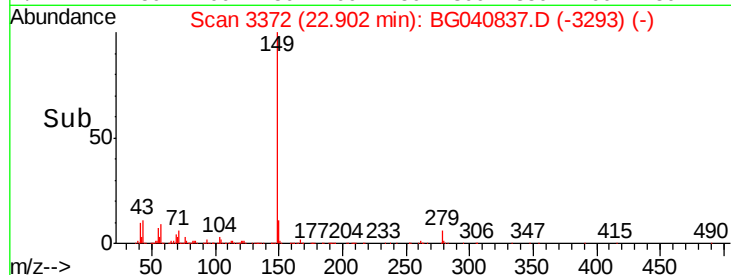
600000

400000

200000

0

Time--> 22.80 22.90 23.00



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.233 ng

RT: 29.01 min Scan# 4411

Delta R.T. -0.09 min

Lab File: BG040837.D

Acq: 10 May 2019 5:52

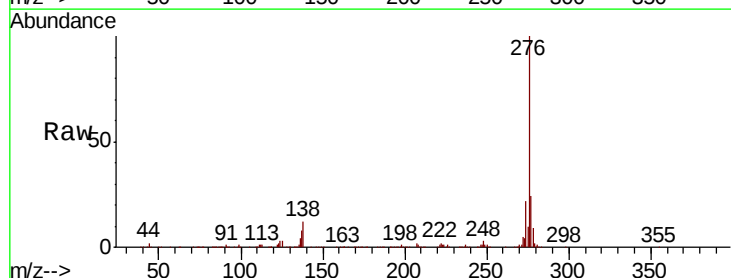
Tgt Ion:276 Resp: 1329268

Ion Ratio Lower Upper

276 100

138 8.3 9.8 14.6#

277 24.9 17.3 25.9



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

29.01

250000

200000

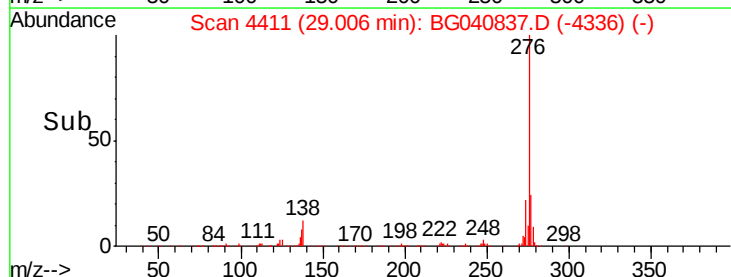
150000

100000

50000

0

Time--> 28.80 29.00 29.20

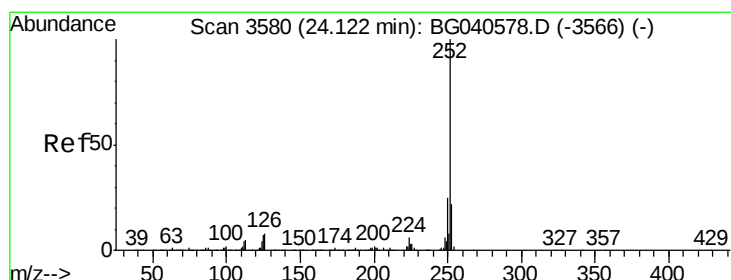
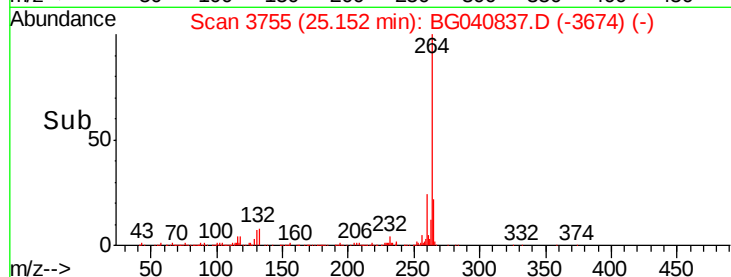
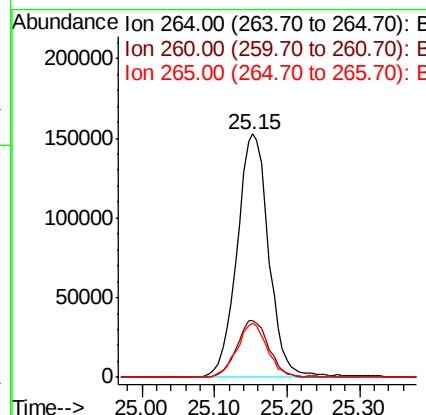
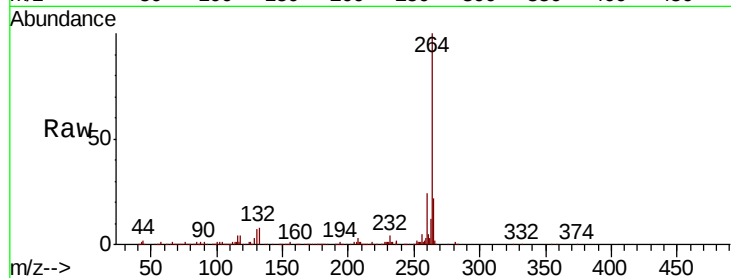




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.15 min Scan# 3755
Delta R.T. -0.05 min
Lab File: BG040837.D
Acq: 10 May 2019 5:52

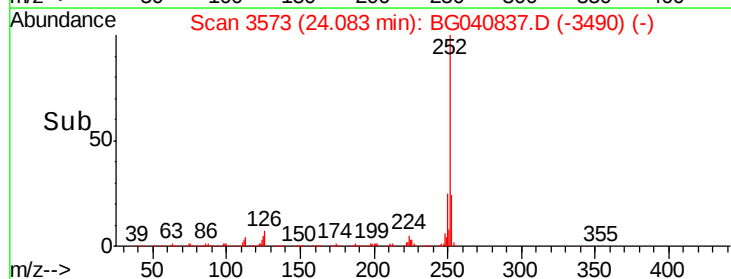
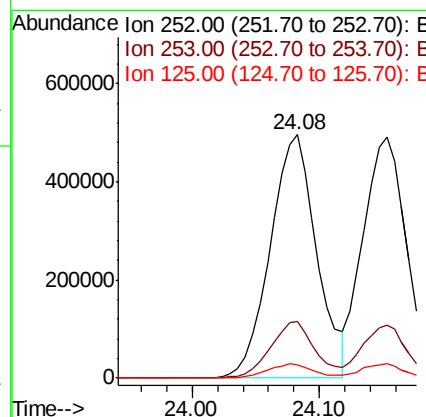
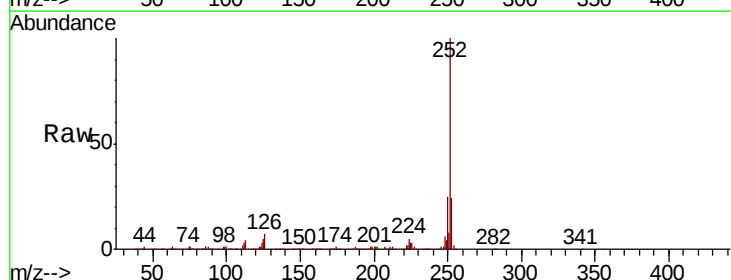
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.1	16.6	25.0



#88
Benzo(b)fluoranthene
Concen: 44.596 ng
RT: 24.08 min Scan# 3573
Delta R.T. -0.04 min
Lab File: BG040837.D
Acq: 10 May 2019 5:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.6	26.4
125	5.4	5.4	8.0

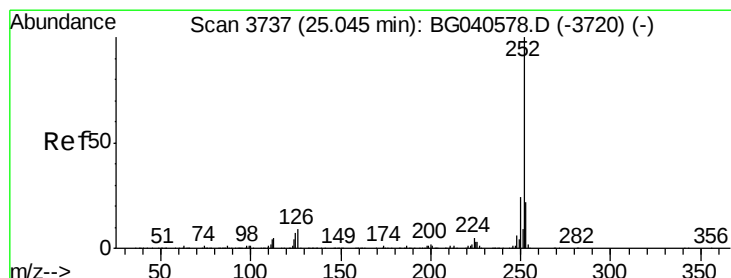
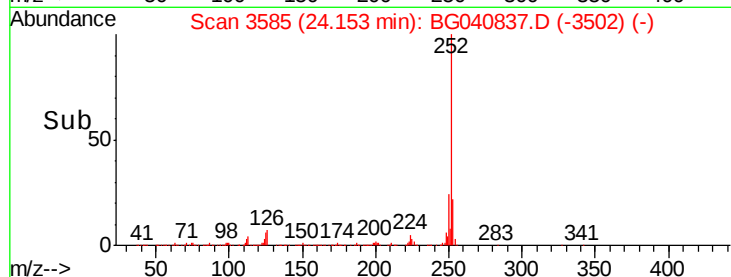
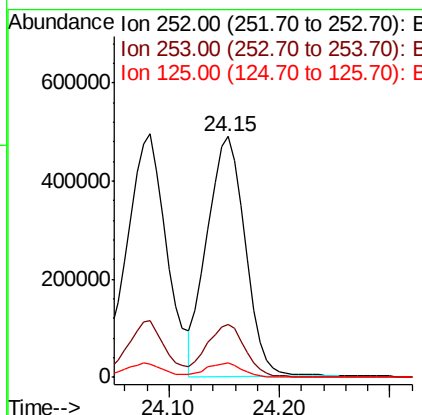
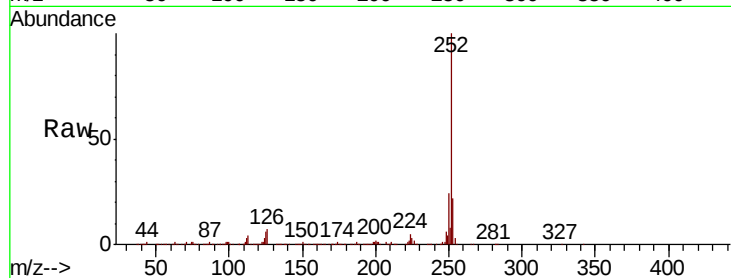




#89
Benzo(k)fluoranthene
Concen: 44.205 ng
RT: 24.15 min Scan# 3585
Delta R.T. -0.04 min
Lab File: BG040837.D
Acq: 10 May 2019 5:52

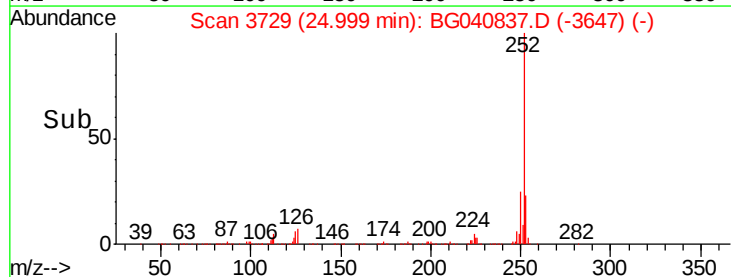
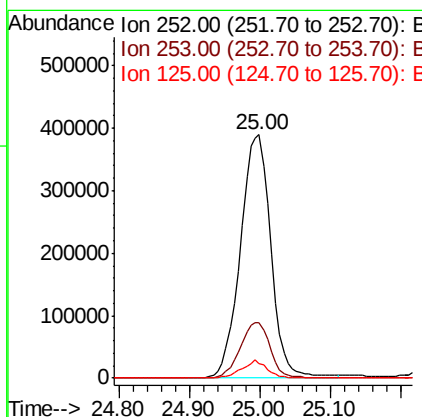
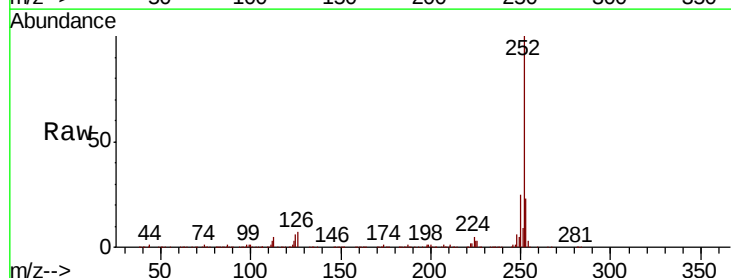
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 1166510
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 5.8 5.5 8.3



#90
Benzo(a)pyrene
Concen: 43.730 ng
RT: 25.00 min Scan# 3729
Delta R.T. -0.05 min
Lab File: BG040837.D
Acq: 10 May 2019 5:52

Tgt Ion:252 Resp: 1169637
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 5.8 5.7 8.5

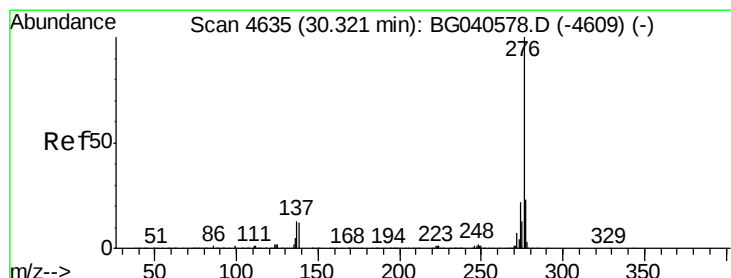
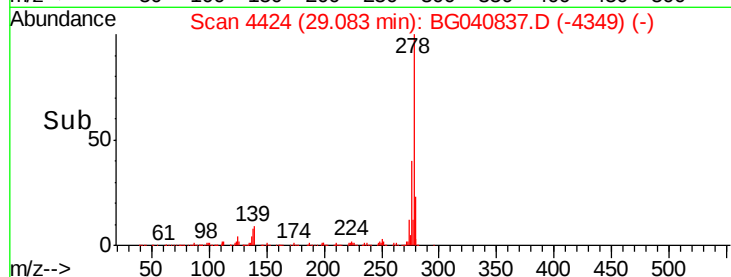
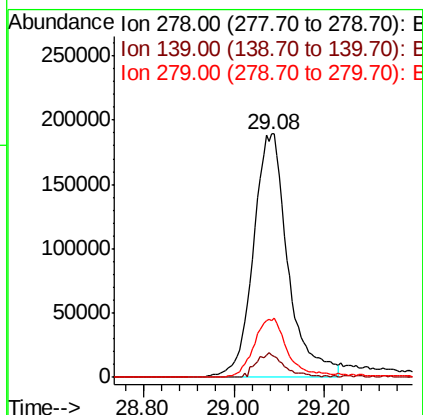
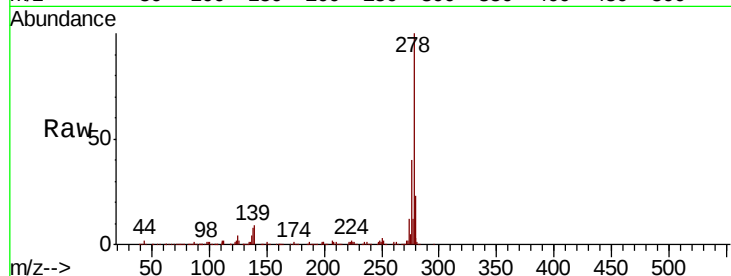




#91
Dibenzo(a,h)anthracene
Concen: 37.250 ng
RT: 29.08 min Scan# 4424
Delta R.T. -0.09 min
Lab File: BG040837.D
Acq: 10 May 2019 5:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 1008258
Ion Ratio Lower Upper
278 100
139 9.1 8.2 12.4
279 23.5 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 40.282 ng
RT: 30.23 min Scan# 4619
Delta R.T. -0.09 min
Lab File: BG040837.D
Acq: 10 May 2019 5:52

Tgt Ion:276 Resp: 1085132
Ion Ratio Lower Upper
276 100
277 24.4 18.4 27.6
138 11.2 9.8 14.6

