

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040419\
 Data File : BG040362.D
 Acq On : 4 Apr 2019 16:36
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 04 17:12:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	54114	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	227029	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	141770	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	365364	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	386752	20.00	ng	-0.03
87) Perylene-d12	24.97	264	402772	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	265803	81.66	ng	-0.02
7) Phenol-d6	7.20	99	361128	80.27	ng	-0.02
23) Nitrobenzene-d5	9.22	82	337706	79.07	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	142305	92.88	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	776843	81.19	ng	-0.02
79) Terphenyl-d14	20.02	244	1295648	75.37	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	61972	40.488	ng	98
3) Pyridine	3.90	79	169079	41.028	ng	97
4) n-Nitrosodimethylamine	3.82	42	71990	37.764	ng	# 86
6) Aniline	7.38	93	224319	38.380	ng	95
8) 2-Chlorophenol	7.61	128	148161	38.883	ng	94
9) Benzaldehyde	7.19	77	113819	36.884	ng	99
10) Phenol	7.23	94	197944	40.538	ng	96
11) bis(2-Chloroethyl)ether	7.47	93	150465	38.473	ng	99
12) 1,3-Dichlorobenzene	7.94	146	161817	39.065	ng	95
13) 1,4-Dichlorobenzene	8.08	146	162098	39.291	ng	98
14) 1,2-Dichlorobenzene	8.40	146	155299	39.363	ng	98
15) Benzyl Alcohol	8.29	79	130728	36.083	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	273695	36.464	ng	98
17) 2-Methylphenol	8.48	107	131084	38.795	ng	98
18) Hexachloroethane	9.12	117	60528	38.571	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	116352	36.073	ng	94
20) 3+4-Methylphenols	8.81	107	178798	39.061	ng	98
22) Acetophenone	8.88	105	221937	39.189	ng	# 98
24) Nitrobenzene	9.27	77	176169	39.831	ng	98
25) Isophorone	9.77	82	338782	38.549	ng	99
26) 2-Nitrophenol	9.97	139	87620	41.808	ng	97
27) 2,4-Dimethylphenol	10.02	122	132521	39.808	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	203441	39.128	ng	99
29) 2,4-Dichlorophenol	10.50	162	149133	41.272	ng	96
30) 1,2,4-Trichlorobenzene	10.72	180	161777	40.774	ng	99
31) Naphthalene	10.91	128	469191	40.319	ng	99
32) Benzoic acid	10.15	122	68238	33.926	ng	# 86
33) 4-Chloroaniline	11.03	127	201158	40.525	ng	97
34) Hexachlorobutadiene	11.17	225	101769	40.106	ng	99
35) Caprolactam	11.81	113	57577	40.153	ng	98
36) 4-Chloro-3-methylphenol	12.14	107	176352	42.453	ng	99
37) 2-Methylnaphthalene	12.51	142	349368	40.594	ng	99
38) 1-Methylnaphthalene	12.73	142	337891	40.487	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	181831	40.354	ng	99

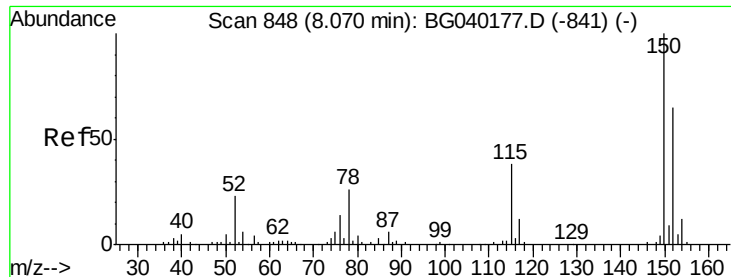
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040419\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	82662	33.411	ng	98
43) 2,4,6-Trichlorophenol	13.11	196	123265	42.430	ng	97
44) 2,4,5-Trichlorophenol	13.19	196	134479	42.469	ng	97
46) 1,1'-Biphenyl	13.51	154	455843	40.694	ng	99
47) 2-Chloronaphthalene	13.56	162	347508	40.444	ng	99
48) 2-Nitroaniline	13.78	65	120431	41.552	ng	96
49) Acenaphthylene	14.40	152	605752	41.580	ng	100
50) Dimethylphthalate	14.13	163	457688	41.250	ng	100
51) 2,6-Dinitrotoluene	14.26	165	107528	43.161	ng	94
52) Acenaphthene	14.75	154	338005	40.490	ng	98
53) 3-Nitroaniline	14.60	138	112053	42.490	ng	88
54) 2,4-Dinitrophenol	14.80	184	45744	34.525	ng	94
55) Dibenzofuran	15.07	168	561033	41.825	ng	99
56) 4-Nitrophenol	14.90	139	91211	42.854	ng	94
57) 2,4-Dinitrotoluene	15.04	165	152870	44.160	ng	99
58) Fluorene	15.73	166	449796	42.650	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	125511	43.680	ng	98
60) Diethylphthalate	15.48	149	476669	41.983	ng	100
61) 4-Chlorophenyl-phenylether	15.71	204	239290	42.448	ng	98
62) 4-Nitroaniline	15.76	138	121894	43.070	ng	98
63) Azobenzene	16.00	77	449804	42.000	ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	82895	40.384	ng	97
66) n-Nitrosodiphenylamine	15.93	169	411964	38.532	ng	99
67) 4-Bromophenyl-phenylether	16.61	248	162149	39.437	ng	98
68) Hexachlorobenzene	16.72	284	163675	39.592	ng	97
69) Atrazine	16.87	200	157866	39.693	ng	98
70) Pentachlorophenol	17.07	266	89157	37.303	ng	93
71) Phenanthrene	17.47	178	769950	40.093	ng	99
72) Anthracene	17.56	178	769033	40.008	ng	99
73) Carbazole	17.83	167	748577	41.150	ng	99
74) Di-n-butylphthalate	18.36	149	878906	40.760	ng	99
75) Fluoranthene	19.48	202	951673	41.850	ng	99
77) Benzidine	19.66	184	471669	33.773	ng	98
78) Pyrene	19.83	202	971832	38.211	ng	99
80) Butylbenzylphthalate	20.70	149	421826	38.759	ng	97
81) Benzo(a)anthracene	21.68	228	935503	39.271	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	353398	38.998	ng	99
83) Chrysene	21.74	228	904221	39.496	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	605487	38.920	ng	99
85) Di-n-octyl phthalate	22.77	149	1018969	38.443	ng	99
86) Indeno(1,2,3-cd)pyrene	28.74	276	1116972	39.890	ng	# 91
88) Benzo(b)fluoranthene	23.92	252	982173	39.830	ng	99
89) Benzo(k)fluoranthene	23.99	252	900909	39.728	ng	99
90) Benzo(a)pyrene	24.82	252	922711	39.881	ng	98
91) Dibenzo(a,h)anthracene	28.79	278	889106	41.376	ng	99
92) Benzo(g,h,i)perylene	29.92	276	906198	41.035	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.02 min

Lab File: BG040362.D

Acq: 4 Apr 2019 16:36

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

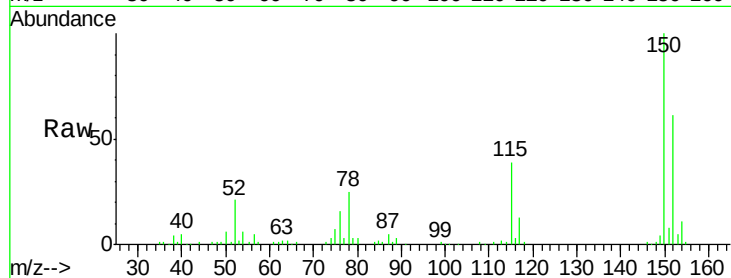
Tgt Ion:152 Resp: 54114

Ion Ratio Lower Upper

152 100

150 163.5 123.7 185.5

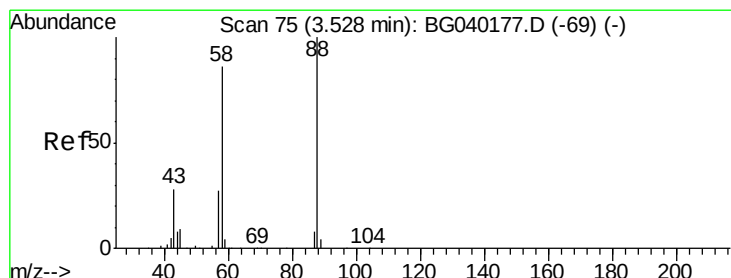
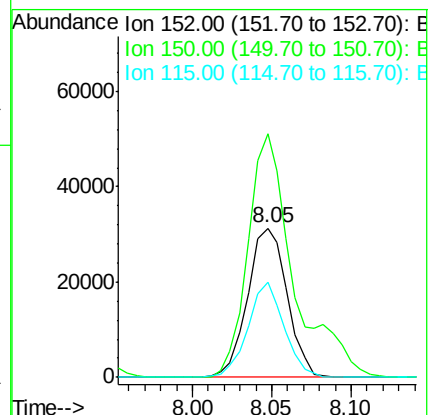
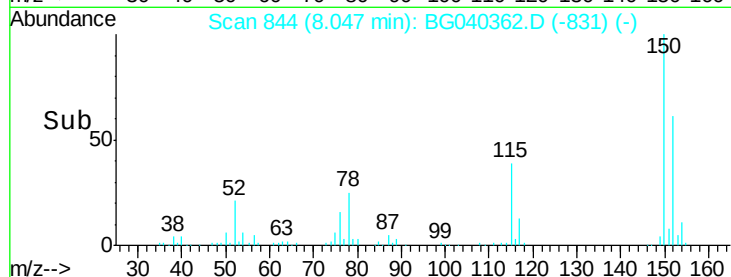
115 63.5 46.9 70.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.488 ng

RT: 3.50 min Scan# 70

Delta R.T. -0.03 min

Lab File: BG040362.D

Acq: 4 Apr 2019 16:36

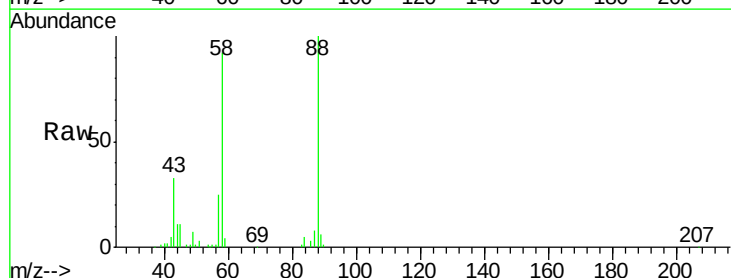
Tgt Ion: 88 Resp: 61972

Ion Ratio Lower Upper

88 100

58 86.5 70.6 106.0

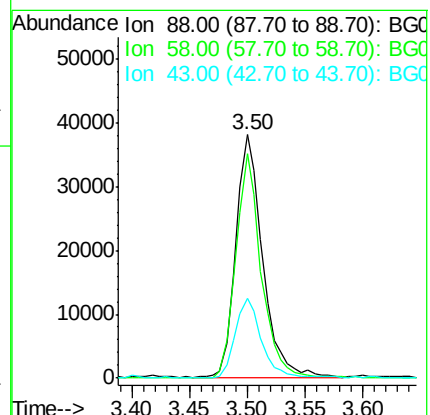
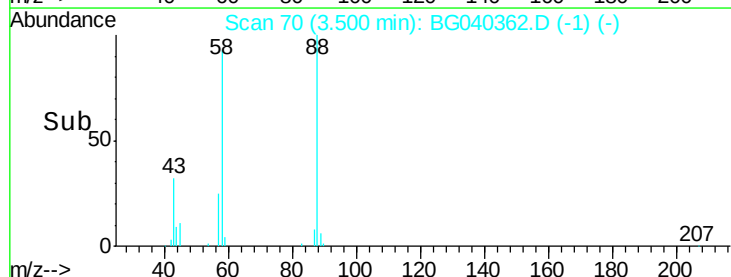
43 32.0 24.8 37.2

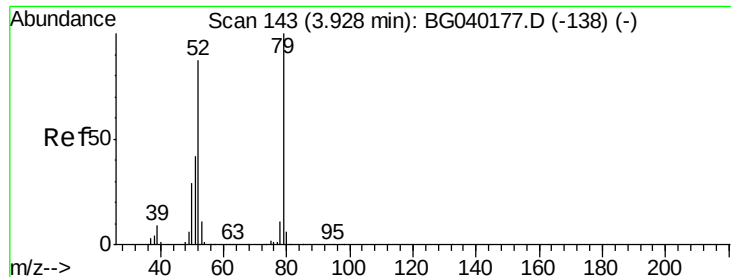


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 41.028 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.02 min

Lab File: BG040362.D

Acq: 4 Apr 2019 16:36

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

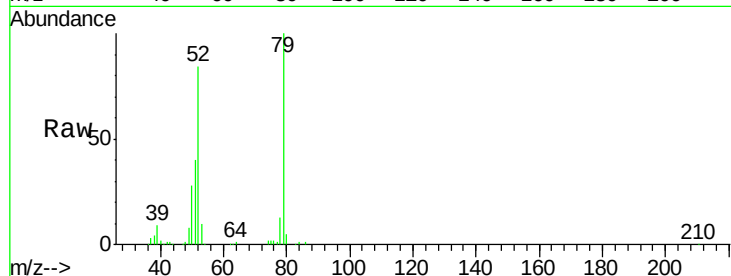
Tgt Ion: 79 Resp: 169079

Ion Ratio Lower Upper

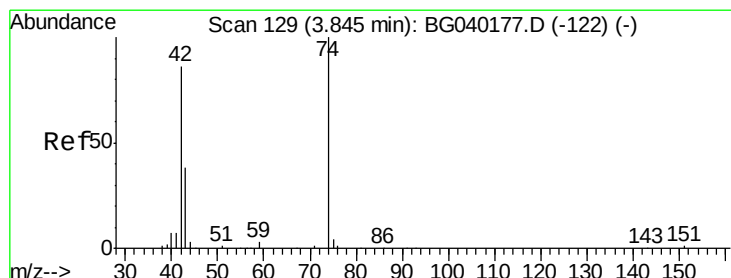
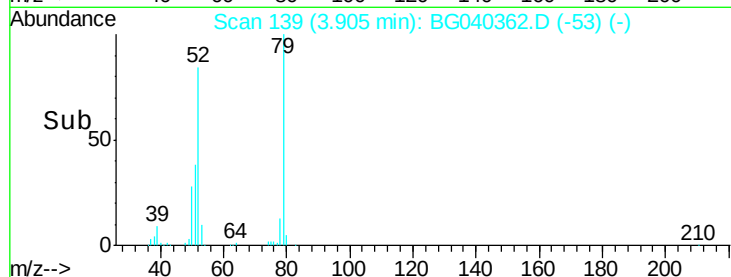
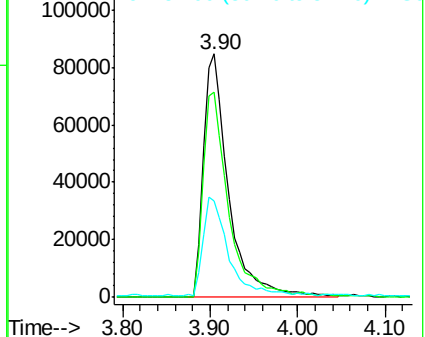
79 100

52 84.5 69.8 104.8

51 39.9 33.9 50.9



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



#4

n-Nitrosodimethylamine

Concen: 37.764 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.02 min

Lab File: BG040362.D

Acq: 4 Apr 2019 16:36

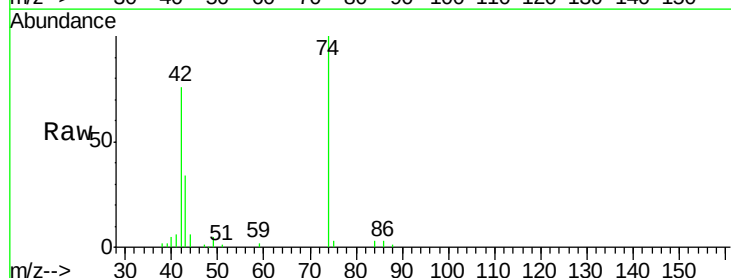
Tgt Ion: 42 Resp: 71990

Ion Ratio Lower Upper

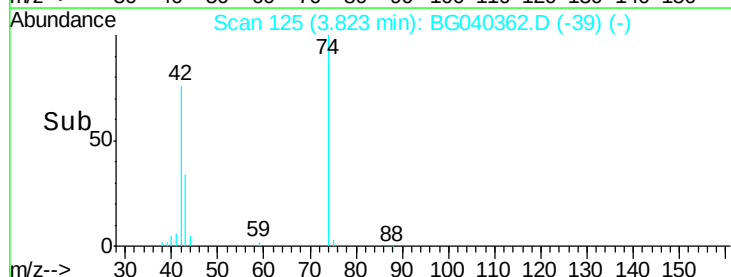
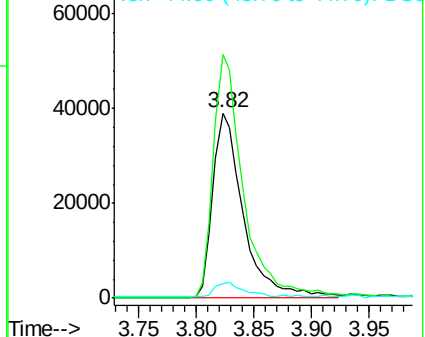
42 100

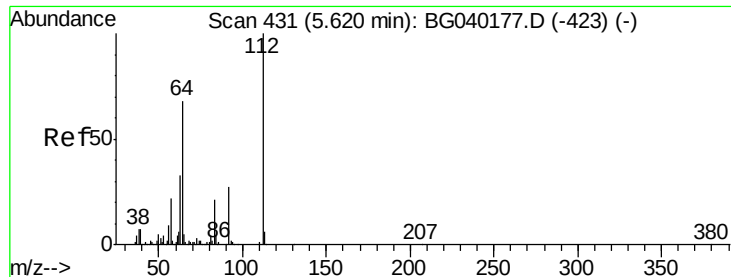
74 131.7 92.9 139.3

44 7.6 9.7 14.5#



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





#5

2-Fluorophenol

Concen: 81.656 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.02 min

Lab File: BG040362.D

Acq: 4 Apr 2019 16:36

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

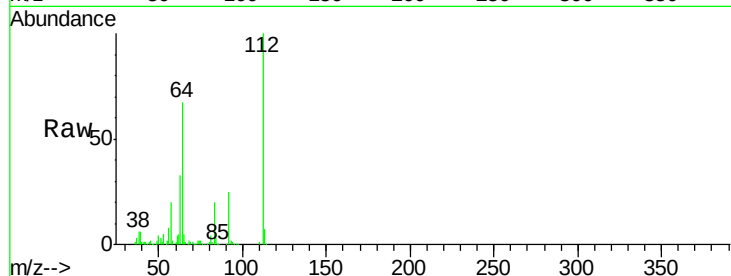
Tgt Ion: 112 Resp: 265803

Ion Ratio Lower Upper

112 100

64 67.4 54.2 81.2

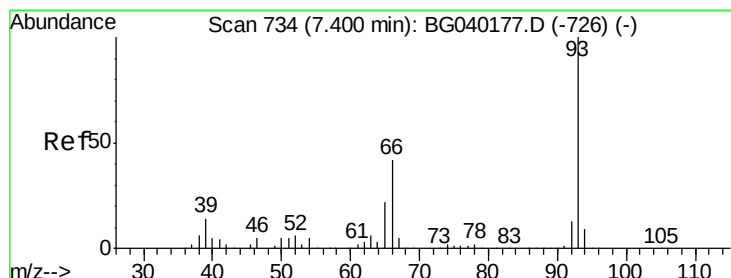
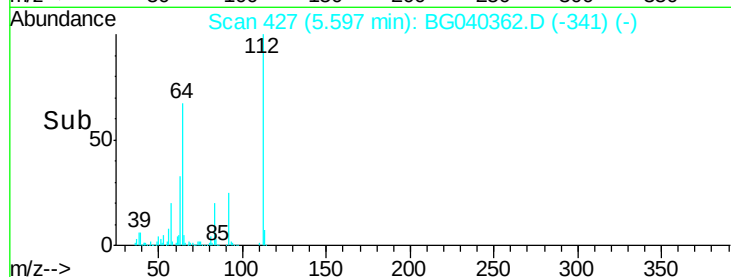
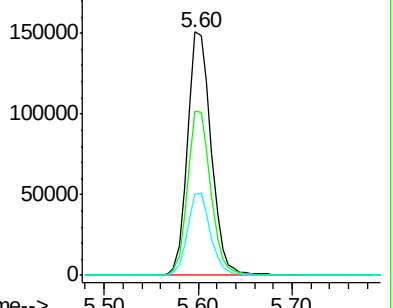
63 33.4 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 38.380 ng

RT: 7.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BG040362.D

Acq: 4 Apr 2019 16:36

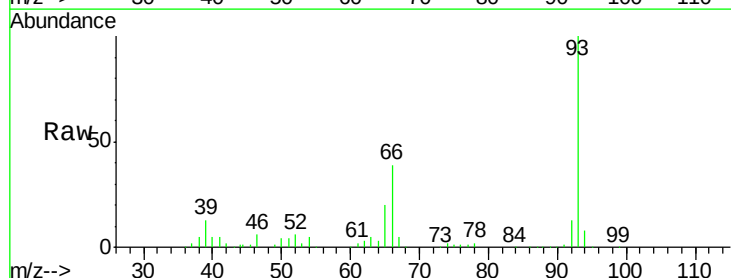
Tgt Ion: 93 Resp: 224319

Ion Ratio Lower Upper

93 100

66 38.5 33.6 50.4

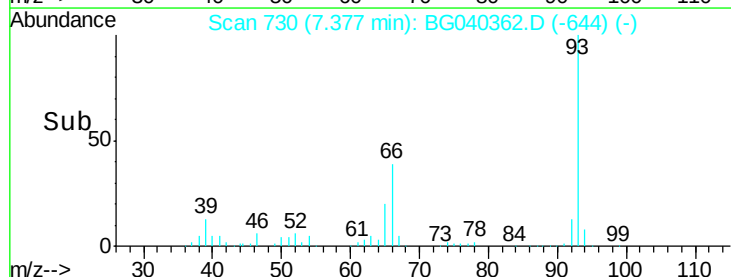
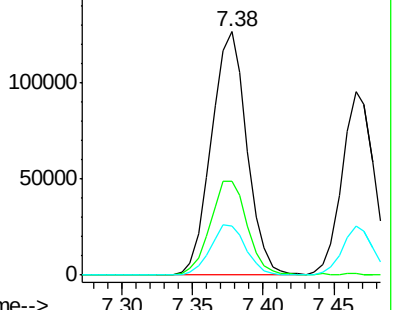
65 20.3 17.4 26.2

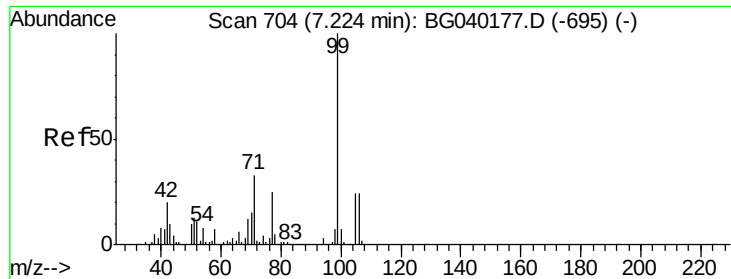


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 80.274 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040362.D

Acq: 4 Apr 2019 16:36

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ClientSampleId :

SSTDCCC040

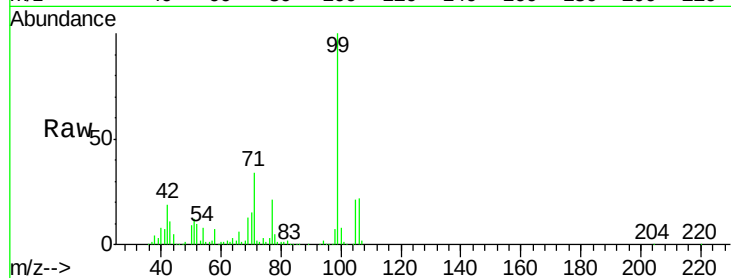
Tgt Ion: 99 Resp: 361128

Ion Ratio Lower Upper

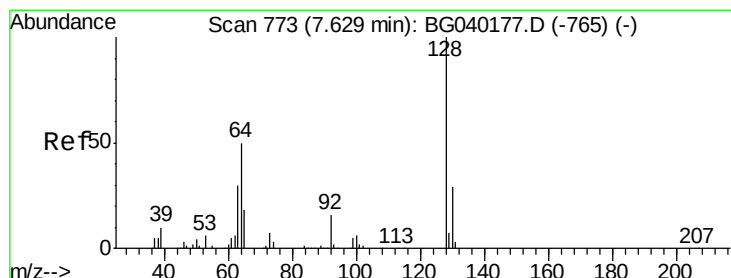
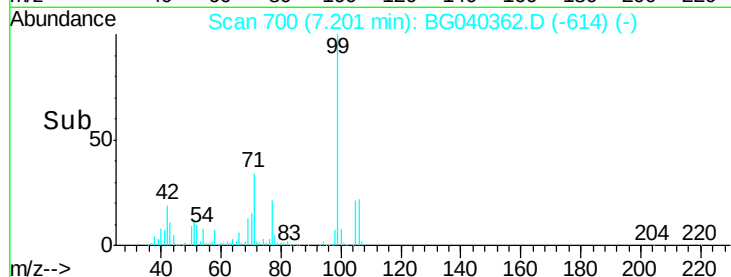
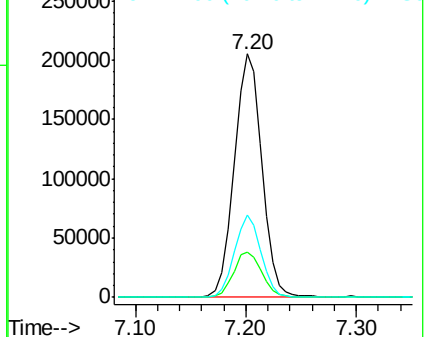
99 100

42 18.8 16.2 24.2

71 33.7 26.8 40.2



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



#8

2-Chlorophenol

Concen: 38.883 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG040362.D

Acq: 4 Apr 2019 16:36

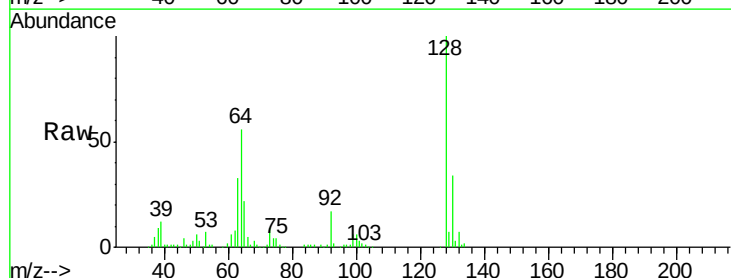
Tgt Ion: 128 Resp: 148161

Ion Ratio Lower Upper

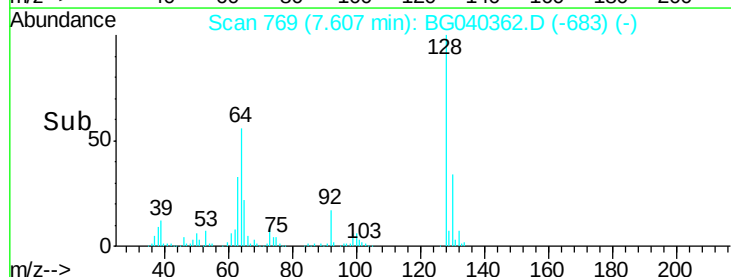
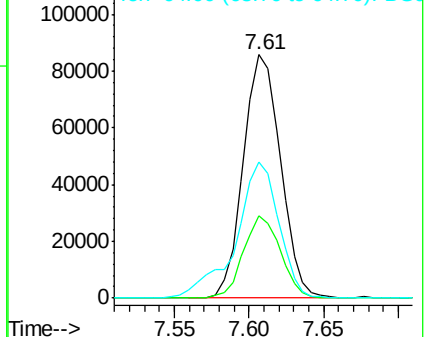
128 100

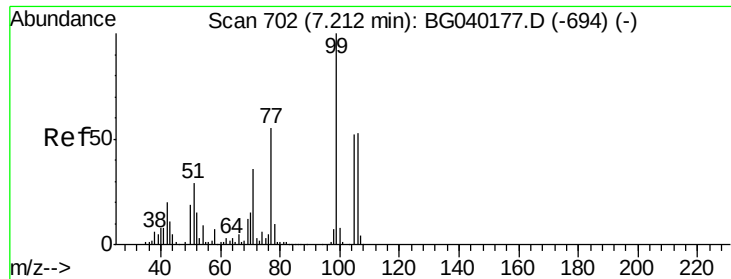
130 33.6 9.1 49.1

64 56.0 33.1 73.1



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





#9

Benzaldehyde

Concen: 36.884 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BG040362.D

Acq: 4 Apr 2019 16:36

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

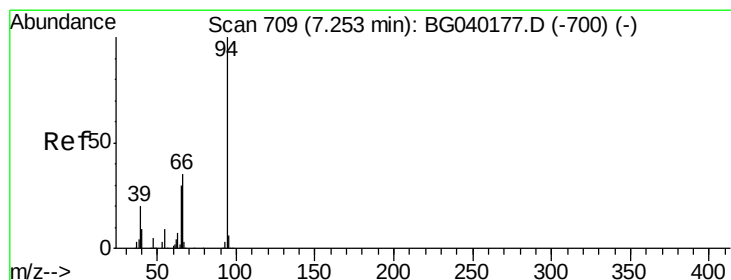
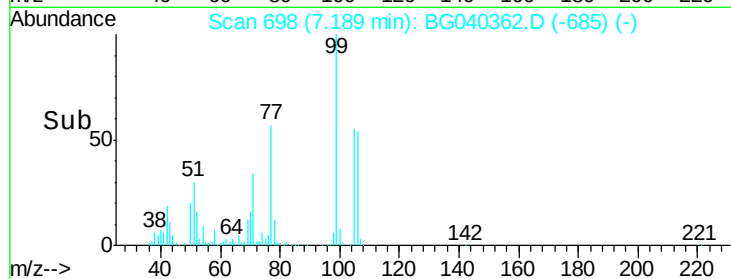
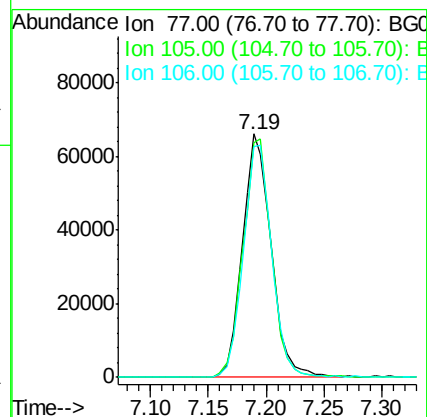
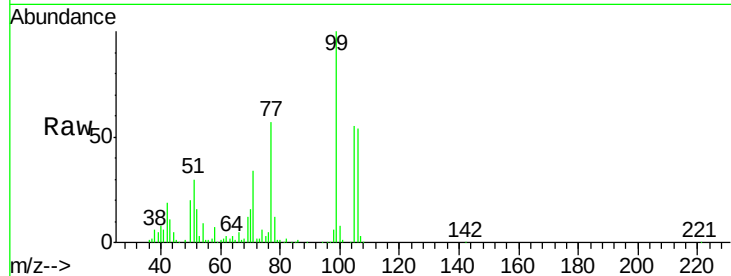
Tgt Ion: 77 Resp: 113819

Ion Ratio Lower Upper

77 100

105 96.1 75.0 115.0

106 94.6 75.7 115.7



#10

Phenol

Concen: 40.538 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.02 min

Lab File: BG040362.D

Acq: 4 Apr 2019 16:36

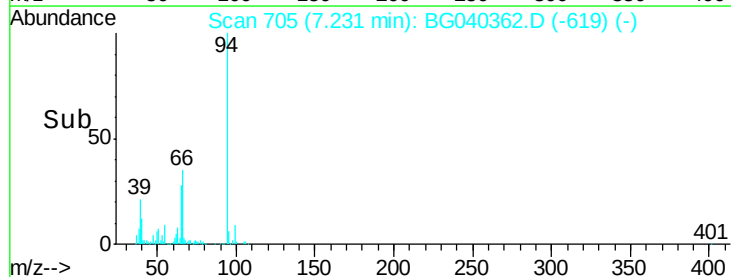
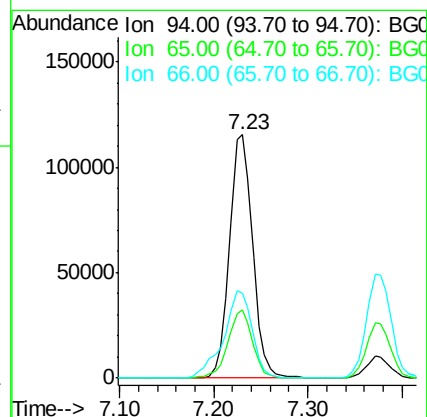
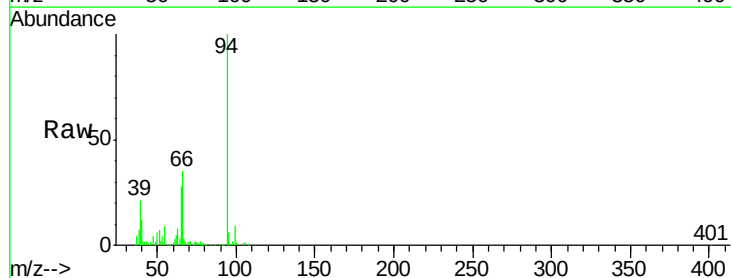
Tgt Ion: 94 Resp: 197944

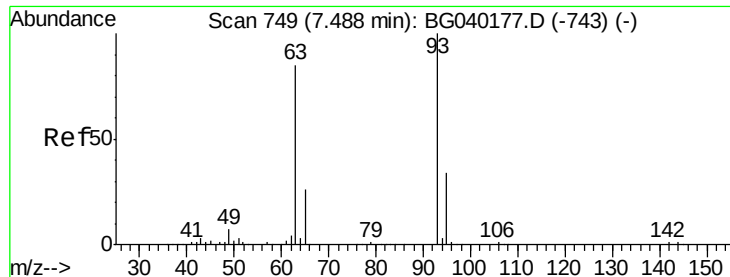
Ion Ratio Lower Upper

94 100

65 27.8 10.5 50.5

66 35.1 16.9 56.9

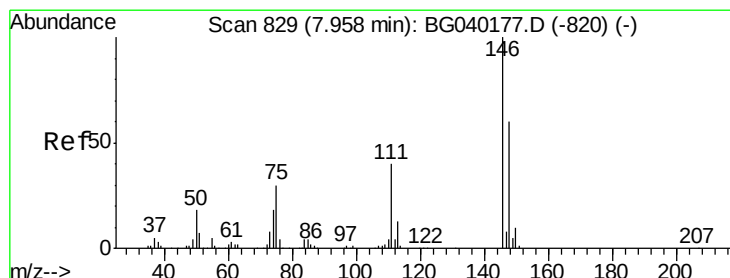
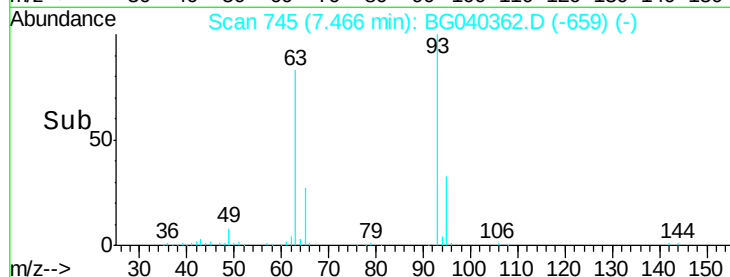
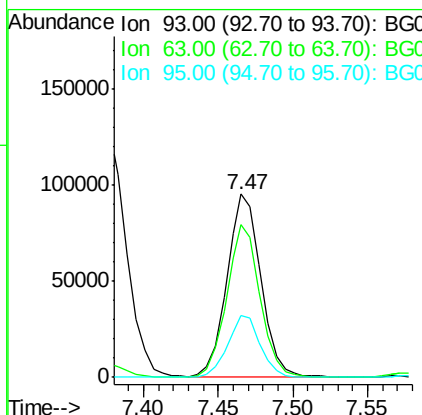
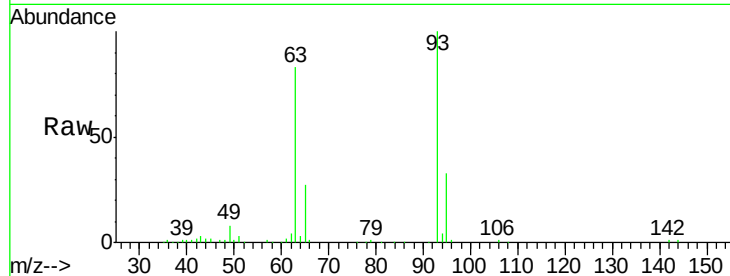




#11
 bis(2-Chloroethyl)ether
 Concen: 38.473 ng
 RT: 7.47 min Scan# 745
 Delta R.T. -0.02 min
 Lab File: BG040362.D
 Acq: 4 Apr 2019 16:36

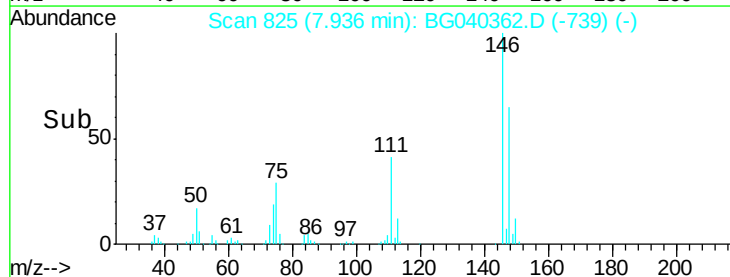
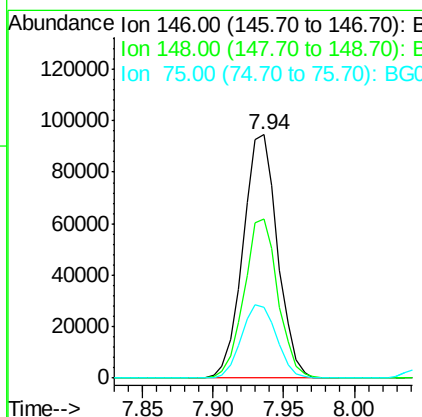
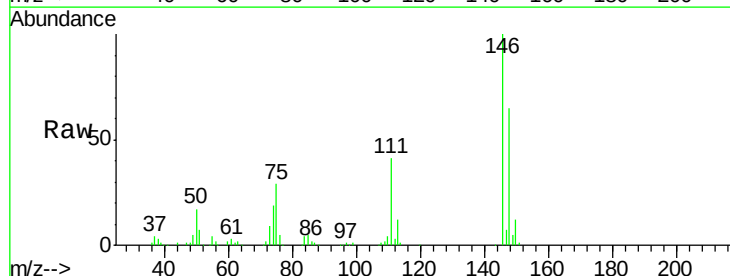
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

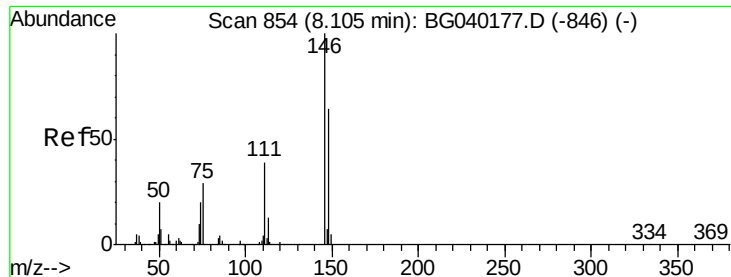
Tgt Ion: 93 Resp: 150465
 Ion Ratio Lower Upper
 93 100
 63 83.4 64.2 104.2
 95 33.4 14.0 54.0



#12
 1,3-Dichlorobenzene
 Concen: 39.065 ng
 RT: 7.94 min Scan# 825
 Delta R.T. -0.02 min
 Lab File: BG040362.D
 Acq: 4 Apr 2019 16:36

Tgt Ion: 146 Resp: 161817
 Ion Ratio Lower Upper
 146 100
 148 65.5 48.2 72.2
 75 29.2 24.1 36.1

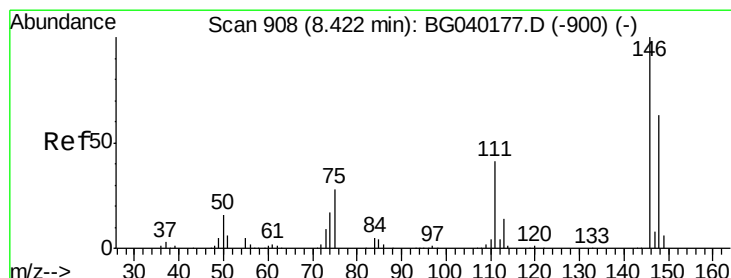
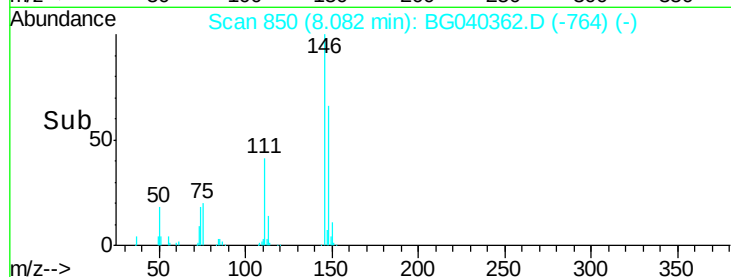
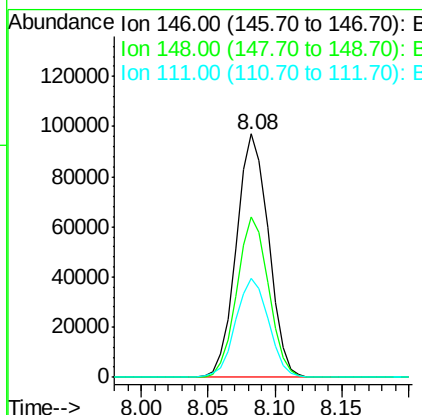
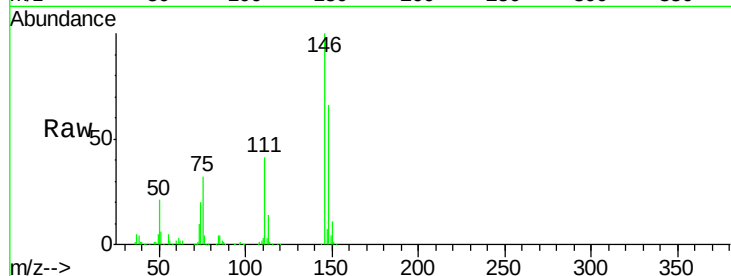




#13
 1,4-Dichlorobenzene
 Concen: 39.291 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.02 min
 Lab File: BG040362.D
 Acq: 4 Apr 2019 16:36

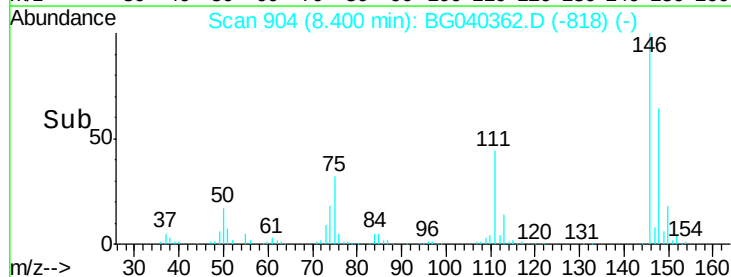
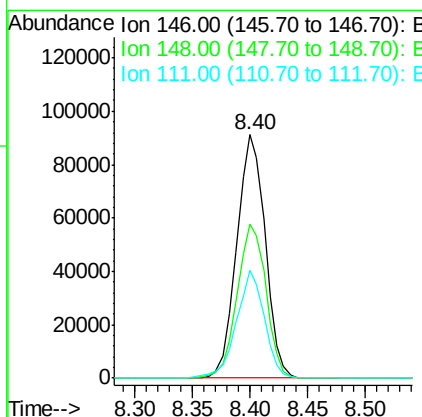
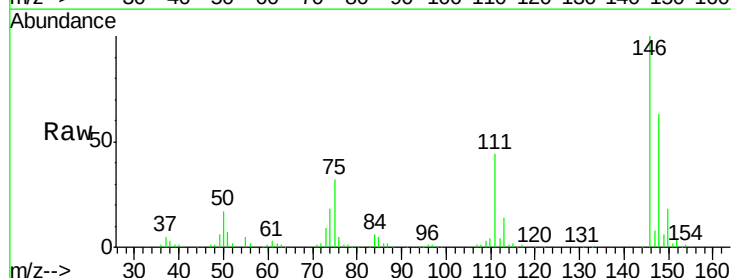
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

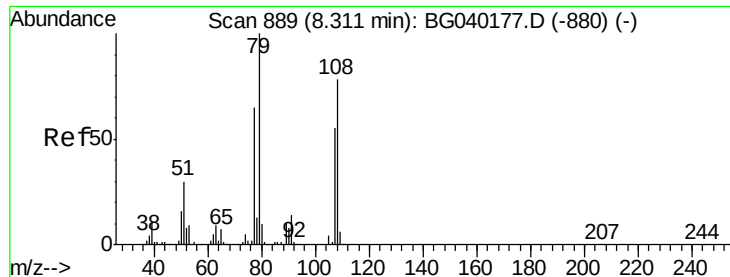
Tgt Ion:146 Resp: 162098
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.0 76.4
 111 40.7 31.8 47.6



#14
 1,2-Dichlorobenzene
 Concen: 39.363 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG040362.D
 Acq: 4 Apr 2019 16:36

Tgt Ion:146 Resp: 155299
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.8 76.2
 111 44.1 33.4 50.0





#15

Benzyl Alcohol

Concen: 36.083 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BG040362.D

Acq: 4 Apr 2019 16:36

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

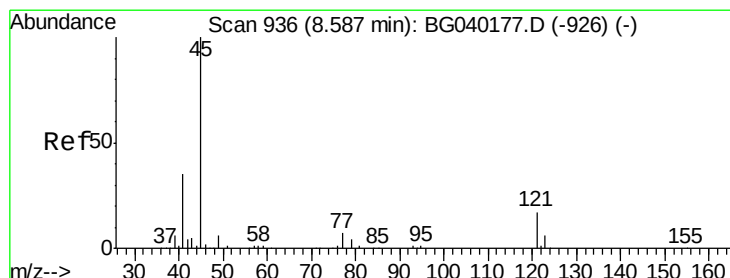
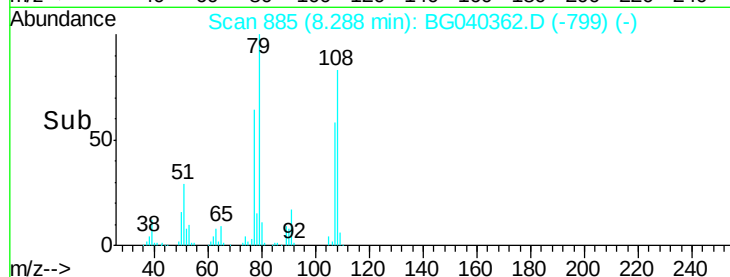
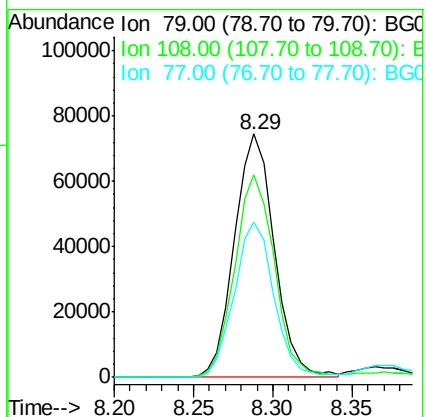
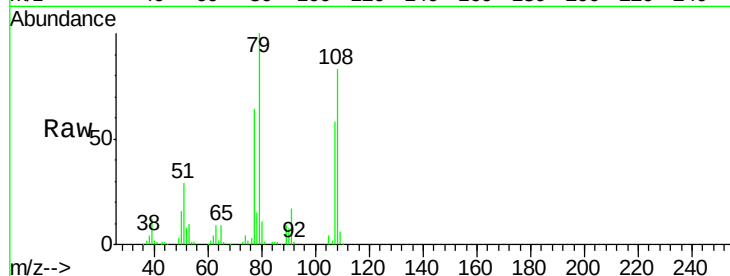
Tgt Ion: 79 Resp: 130728

Ion Ratio Lower Upper

79 100

108 83.2 62.1 93.1

77 63.8 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.464 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.02 min

Lab File: BG040362.D

Acq: 4 Apr 2019 16:36

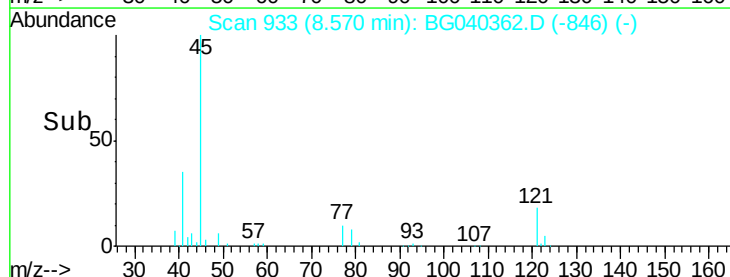
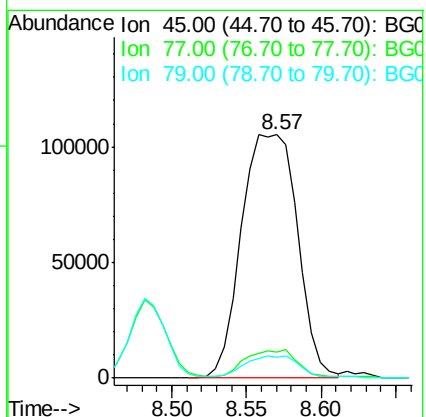
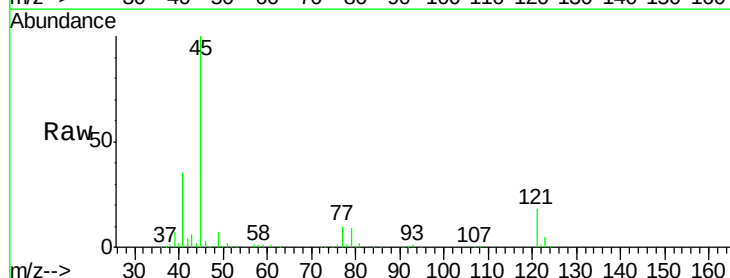
Tgt Ion: 45 Resp: 273695

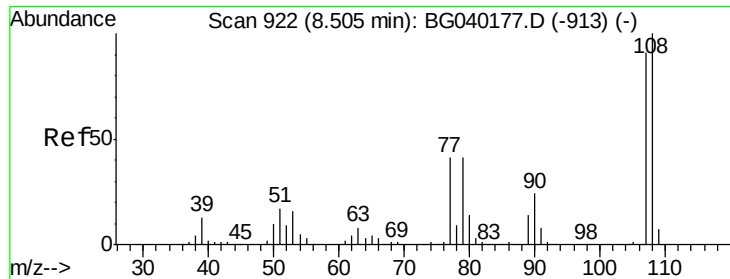
Ion Ratio Lower Upper

45 100

77 10.5 0.0 31.4

79 8.7 0.0 28.3

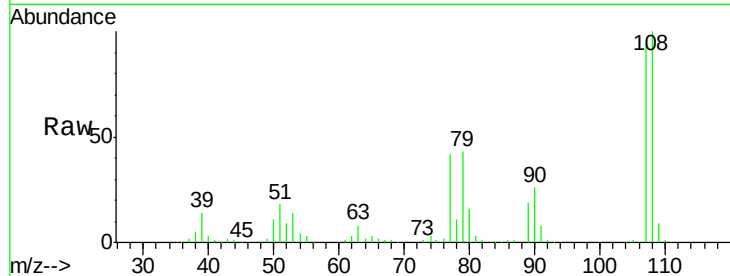




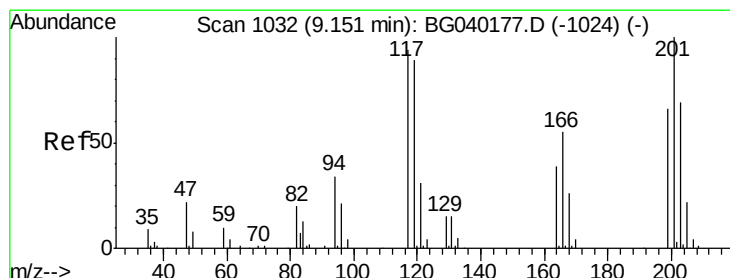
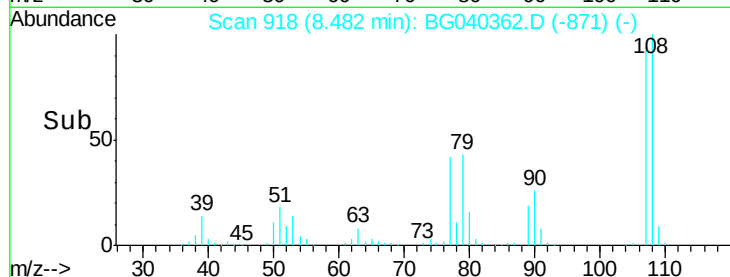
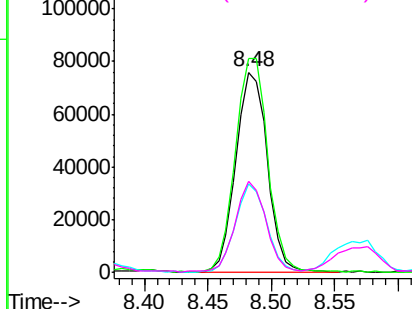
#17
2-Methylphenol
Concen: 38.795 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.02 min
Lab File: BG040362.D
Acq: 4 Apr 2019 16:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 131084
Ion Ratio Lower Upper
107 100
108 106.5 88.2 132.4
77 44.4 36.6 55.0
79 45.6 36.5 54.7

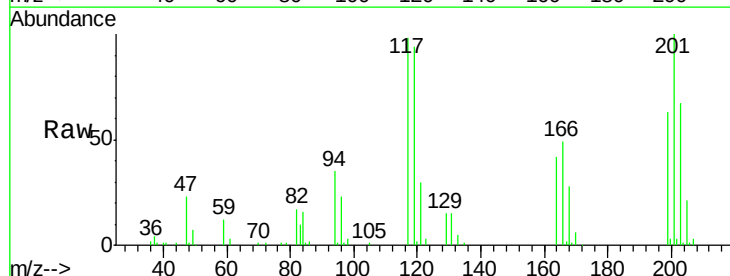


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

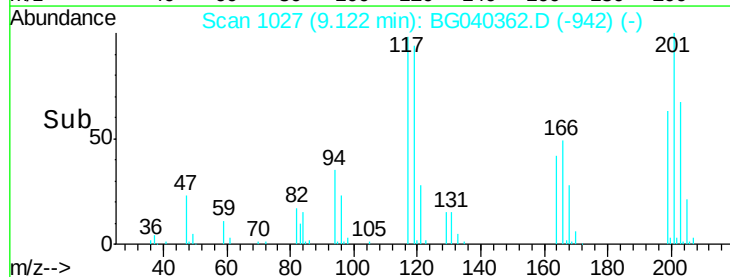
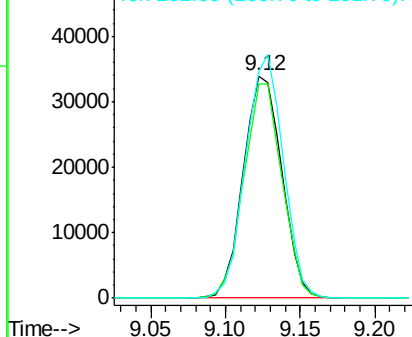


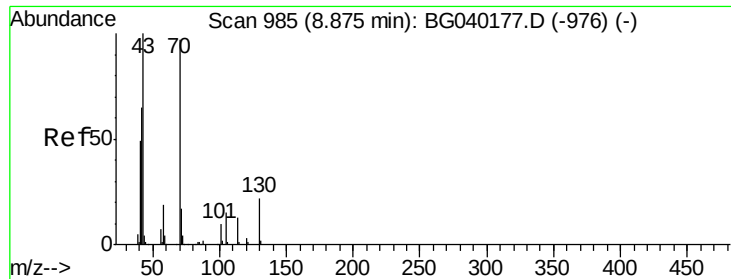
#18
Hexachloroethane
Concen: 38.571 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.03 min
Lab File: BG040362.D
Acq: 4 Apr 2019 16:36

Tgt Ion:117 Resp: 60528
Ion Ratio Lower Upper
117 100
119 96.3 76.6 115.0
201 102.4 85.0 127.4



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

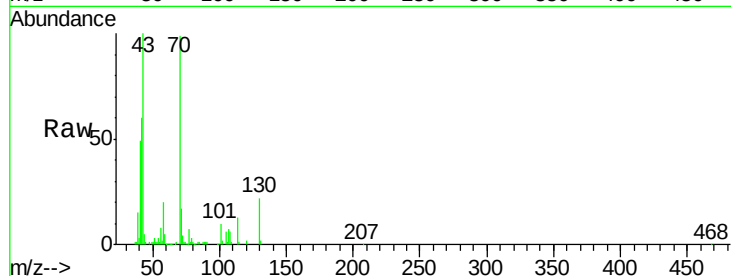




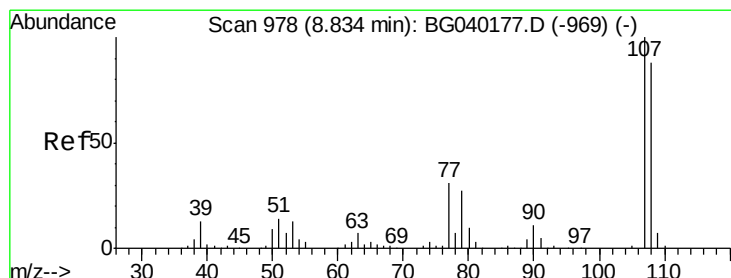
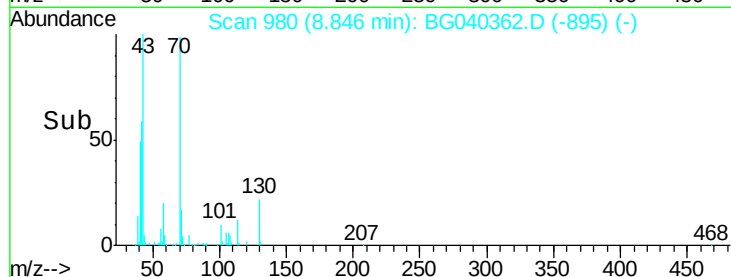
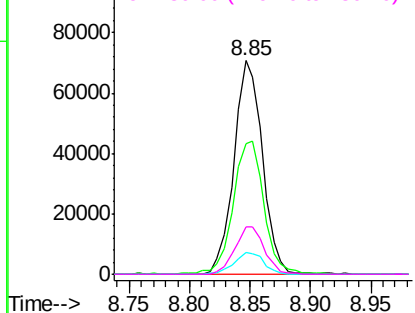
#19
n-Nitroso-di-n-propylamine
Concen: 36.073 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.03 min
Lab File: BG040362.D
Acq: 4 Apr 2019 16:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:	70	Resp:	116352
Ion	Ratio	Lower	Upper
70	100		
42	61.1	54.0	81.0
101	10.2	8.6	13.0
130	22.2	18.2	27.2

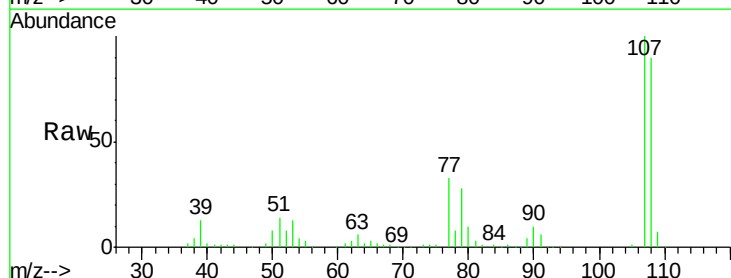


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

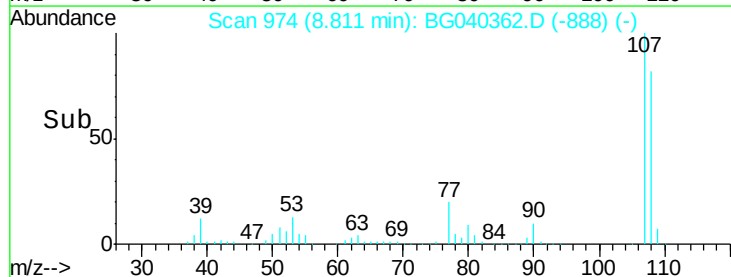
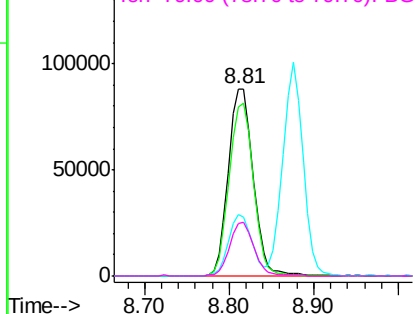


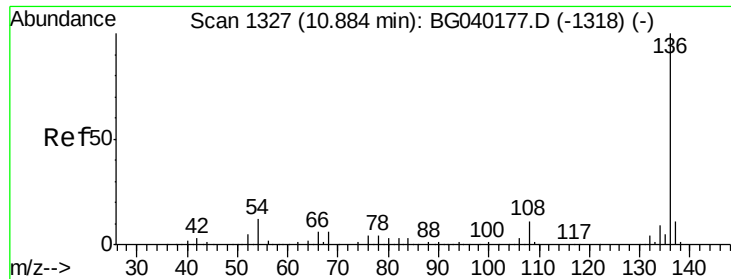
#20
3+4-Methylphenols
Concen: 39.061 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.02 min
Lab File: BG040362.D
Acq: 4 Apr 2019 16:36

Tgt Ion:	107	Resp:	178798
Ion	Ratio	Lower	Upper
107	100		
108	90.2	68.3	108.3
77	32.8	11.3	51.3
79	28.2	7.3	47.3



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

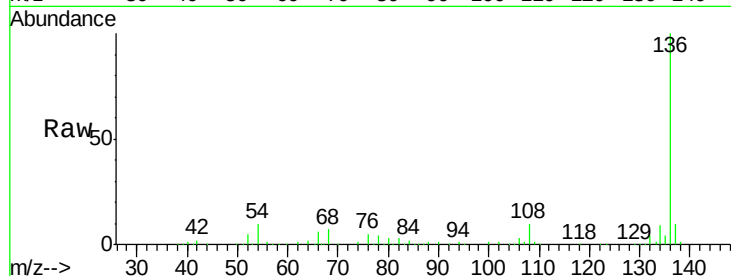




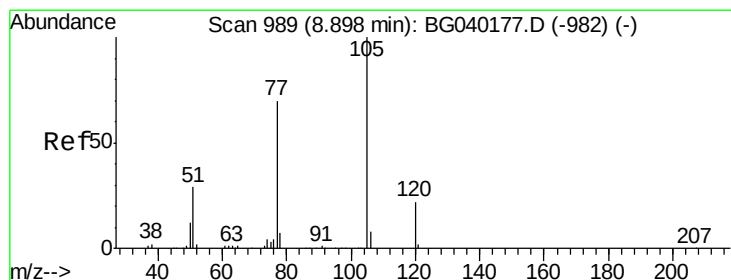
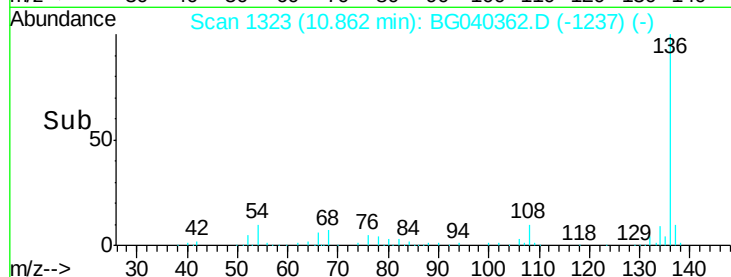
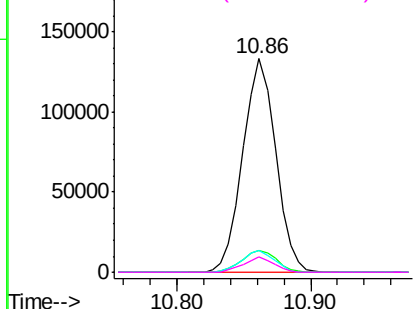
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040362.D
Acq: 4 Apr 2019 16:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	227029
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	10.3	9.6	14.4
68	7.0	5.1	7.7

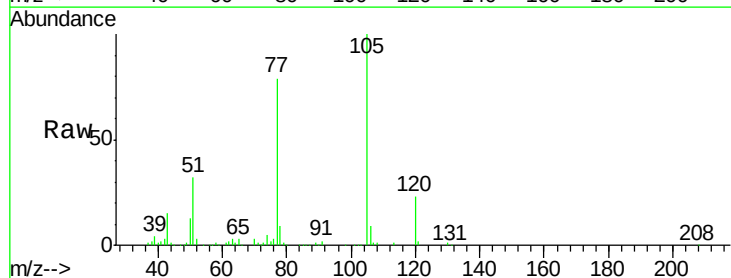


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

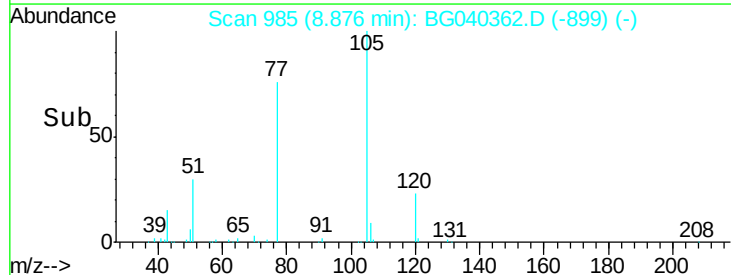
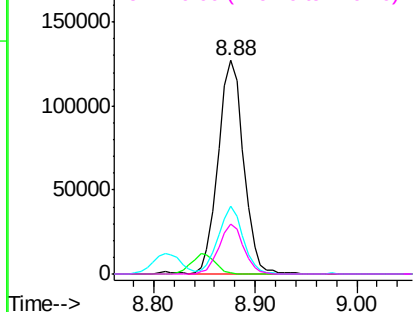


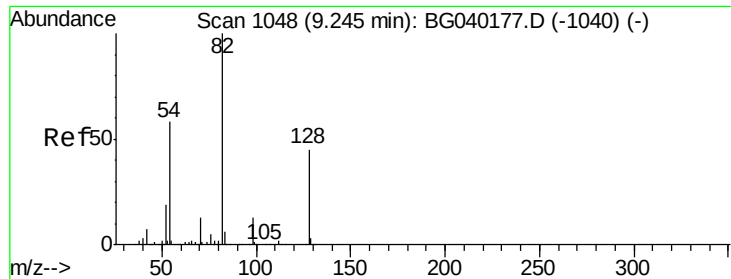
#22
Acetophenone
Concen: 39.189 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG040362.D
Acq: 4 Apr 2019 16:36

Tgt Ion:	105	Resp:	221937
Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.6	1.0#
51	31.8	25.1	37.7
120	23.5	17.6	26.4



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





#23

Nitrobenzene-d5

Concen: 79.066 ng

RT: 9.22 min Scan# 1044

Delta R.T. -0.02 min

Lab File: BG040362.D

Acq: 4 Apr 2019 16:36

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

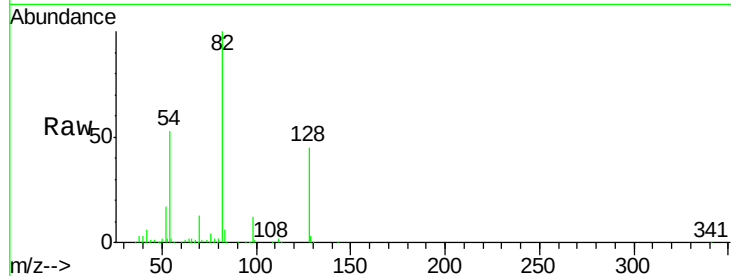
Tgt Ion: 82 Resp: 337706

Ion Ratio Lower Upper

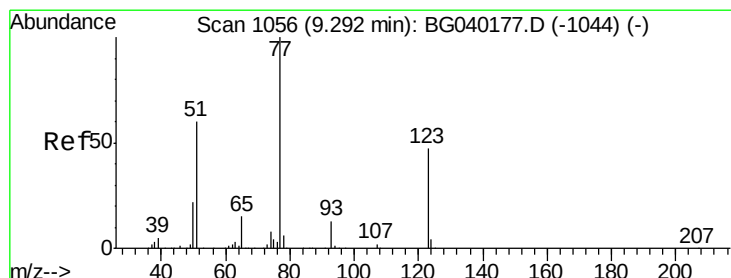
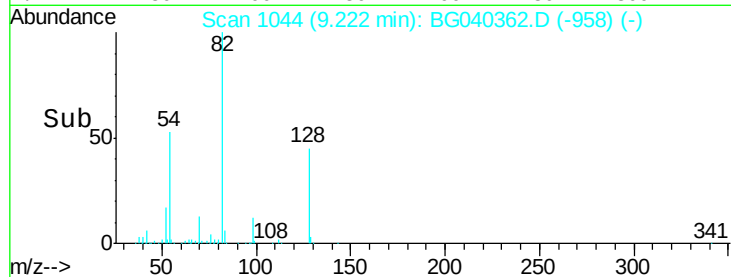
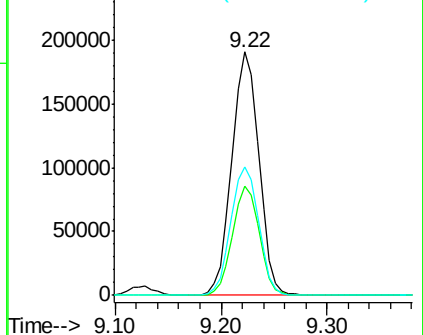
82 100

128 44.7 35.8 53.8

54 52.5 46.2 69.2



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



#24

Nitrobenzene

Concen: 39.831 ng

RT: 9.27 min Scan# 1052

Delta R.T. -0.02 min

Lab File: BG040362.D

Acq: 4 Apr 2019 16:36

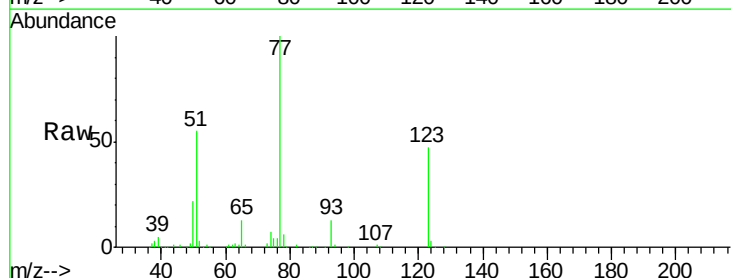
Tgt Ion: 77 Resp: 176169

Ion Ratio Lower Upper

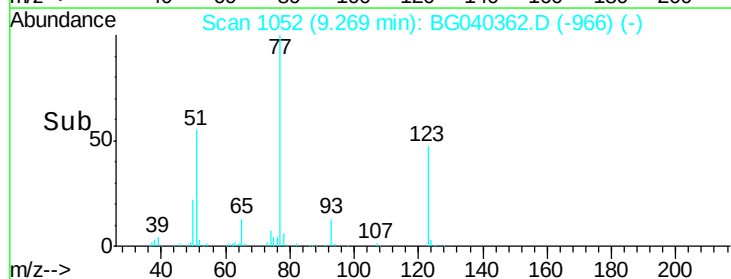
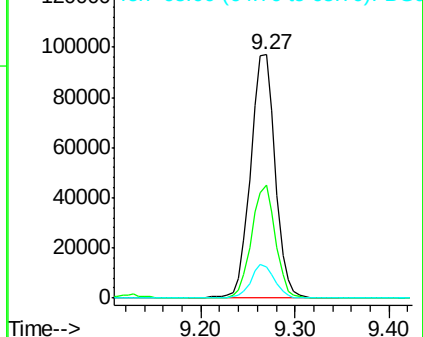
77 100

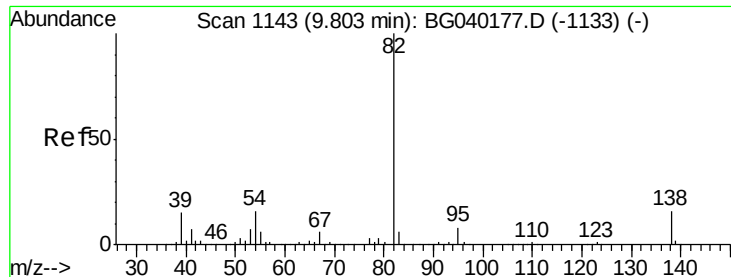
123 46.7 37.8 56.6

65 12.6 12.0 18.0



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





#25

Isophorone

Concen: 38.549 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.03 min

Lab File: BG040362.D

Acq: 4 Apr 2019 16:36

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

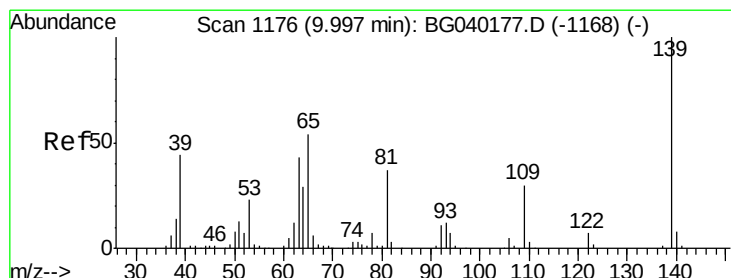
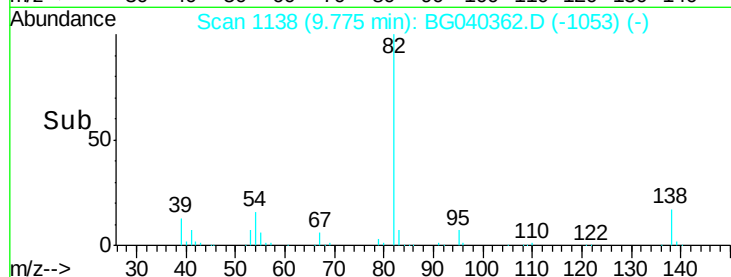
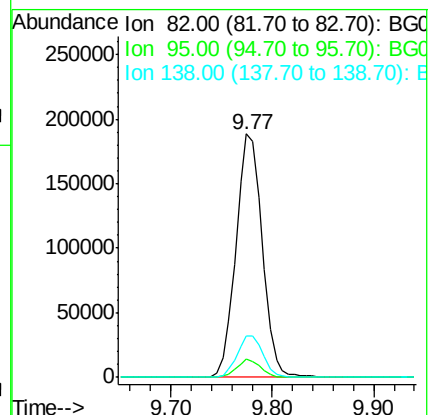
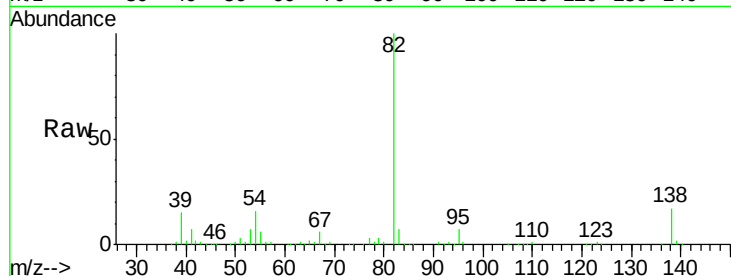
Tgt Ion: 82 Resp: 338782

Ion Ratio Lower Upper

82 100

95 7.4 6.1 9.1

138 16.8 13.2 19.8



#26

2-Nitrophenol

Concen: 41.808 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG040362.D

Acq: 4 Apr 2019 16:36

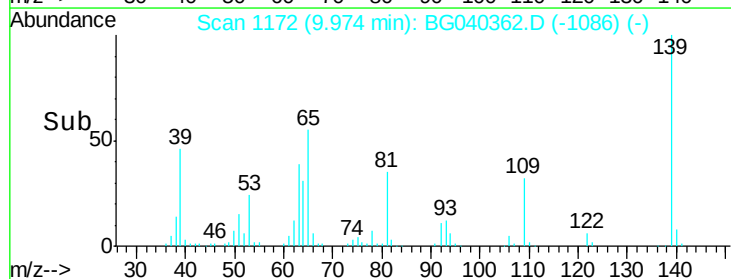
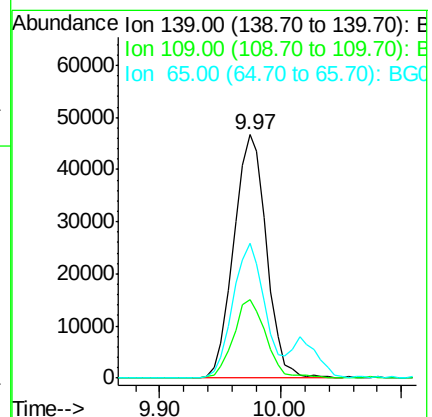
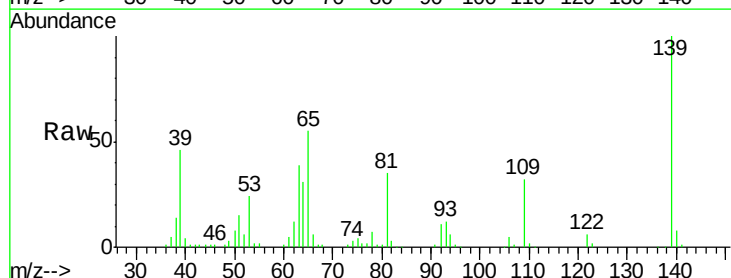
Tgt Ion: 139 Resp: 87620

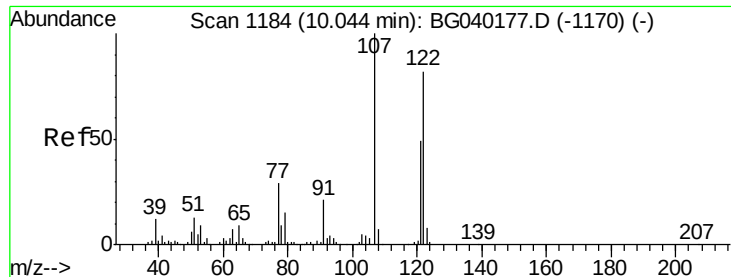
Ion Ratio Lower Upper

139 100

109 32.4 24.1 36.1

65 55.3 43.0 64.6

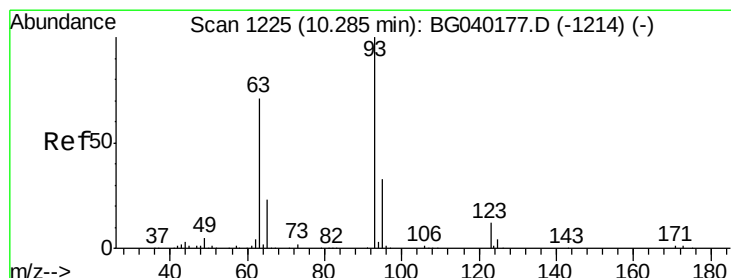
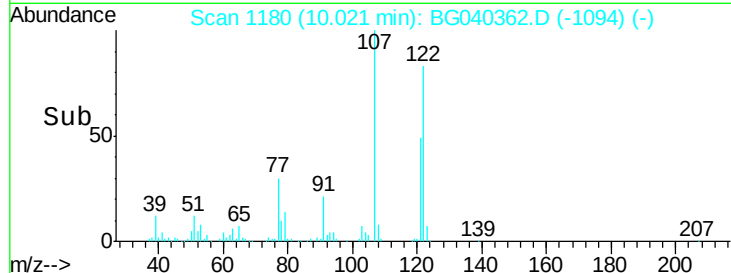
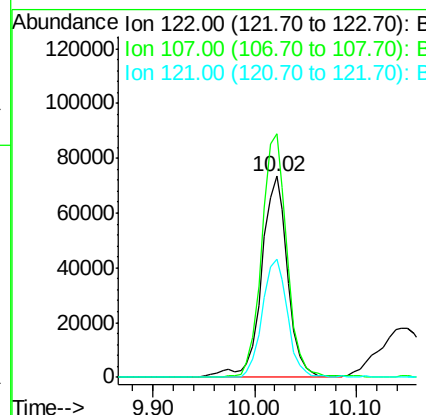
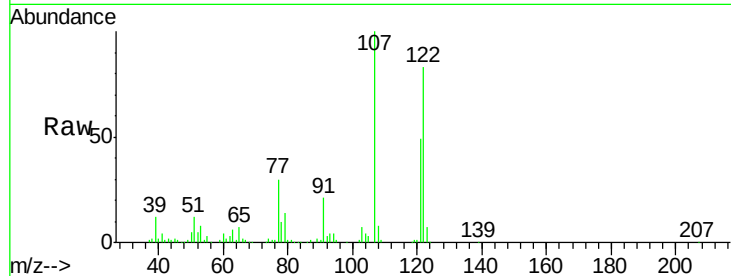




#27
 2,4-Dimethylphenol
 Concen: 39.808 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BG040362.D
 Acq: 4 Apr 2019 16:36

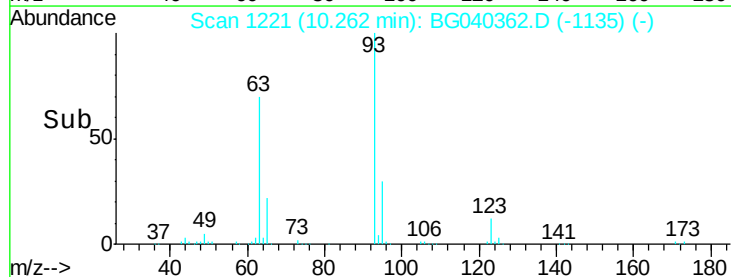
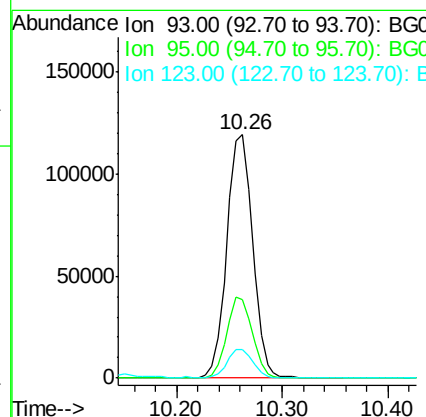
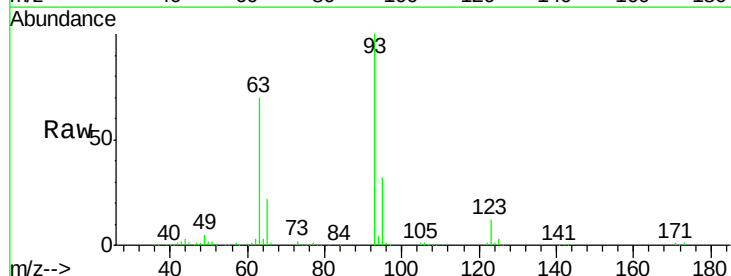
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

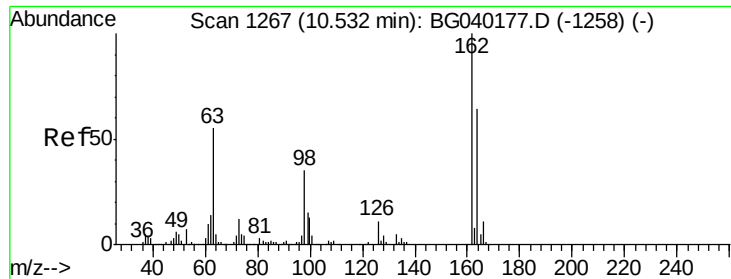
Tgt Ion: 122 Resp: 132521
 Ion Ratio Lower Upper
 122 100
 107 121.1 97.4 146.2
 121 59.0 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.128 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BG040362.D
 Acq: 4 Apr 2019 16:36

Tgt Ion: 93 Resp: 203441
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.2 39.4
 123 12.0 9.4 14.0

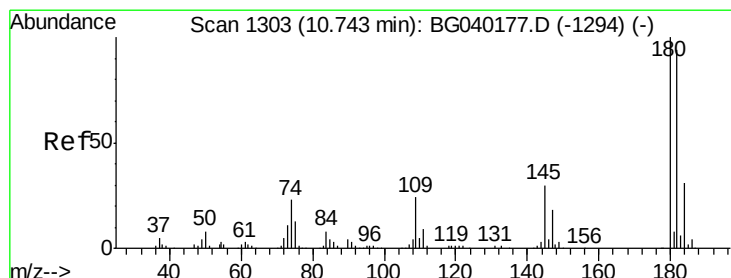
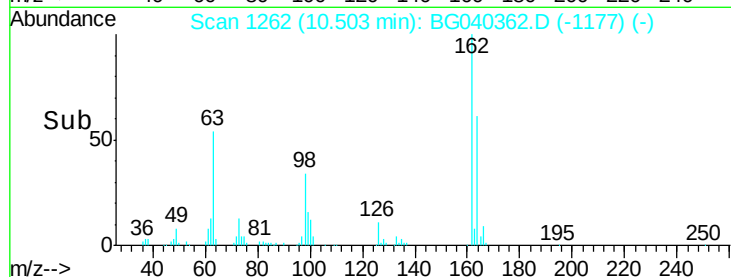
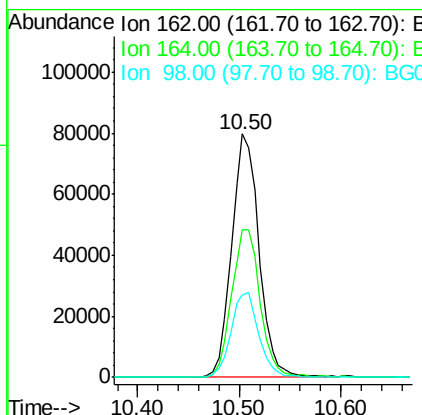
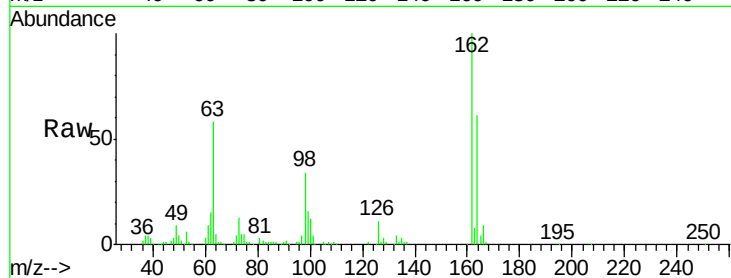




#29
2,4-Dichlorophenol
Concen: 41.272 ng
RT: 10.50 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BG040362.D
Acq: 4 Apr 2019 16:36

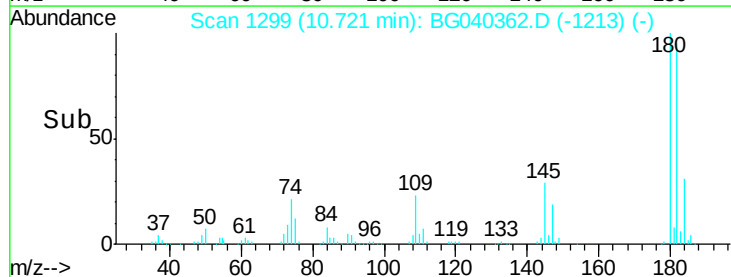
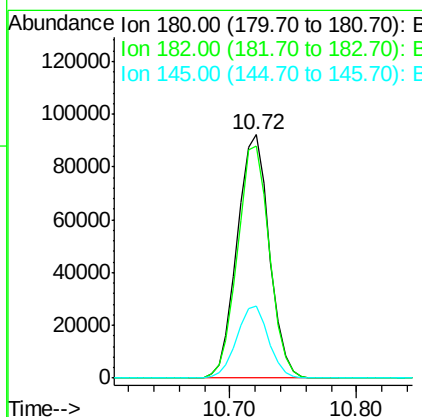
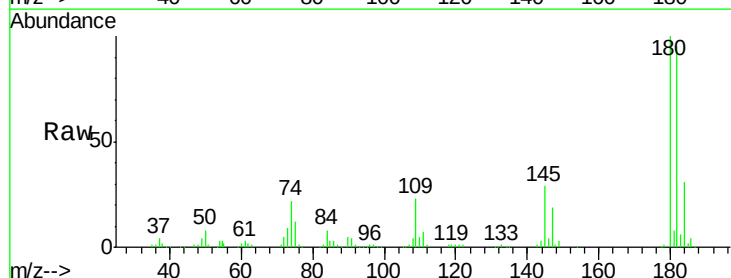
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

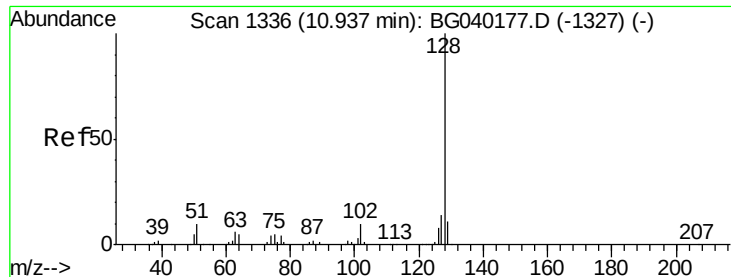
Tgt Ion:162 Resp: 149133
Ion Ratio Lower Upper
162 100
164 60.9 43.9 83.9
98 33.6 15.6 55.6



#30
1,2,4-Trichlorobenzene
Concen: 40.774 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BG040362.D
Acq: 4 Apr 2019 16:36

Tgt Ion:180 Resp: 161777
Ion Ratio Lower Upper
180 100
182 95.2 75.1 112.7
145 29.5 24.1 36.1

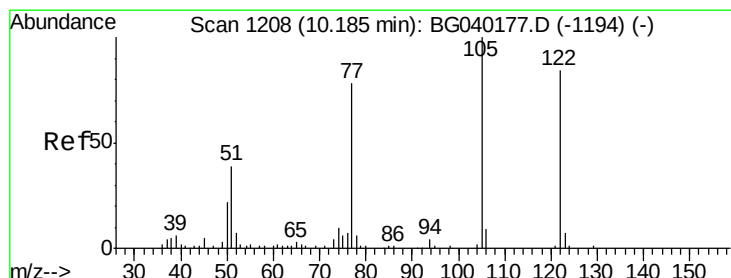
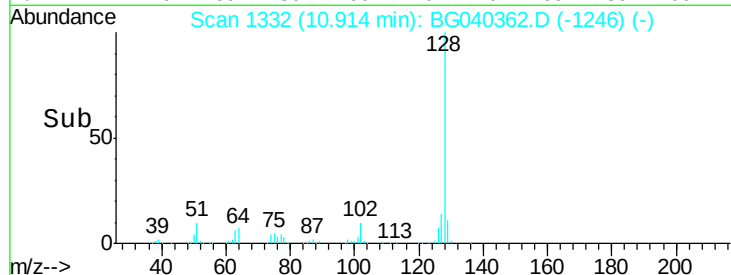
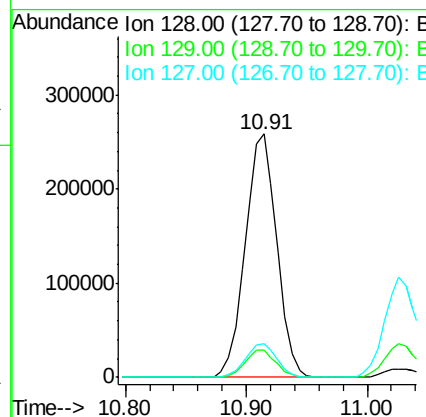
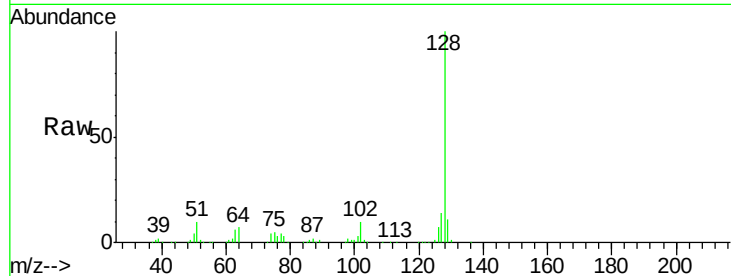




#31
Naphthalene
Concen: 40.319 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG040362.D
Acq: 4 Apr 2019 16:36

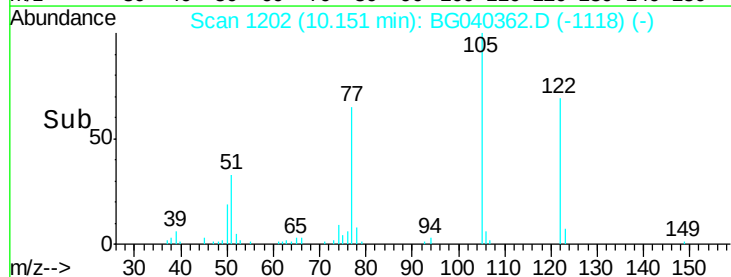
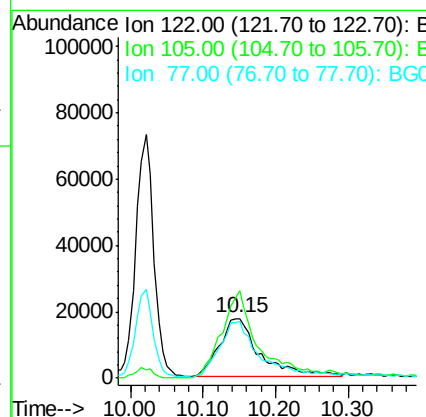
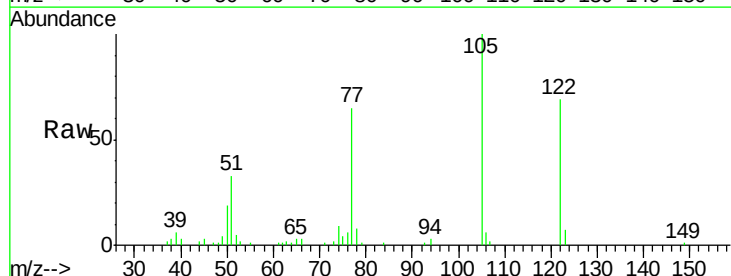
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

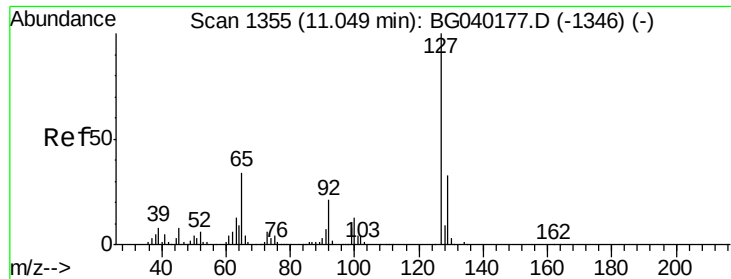
Tgt Ion:128 Resp: 469191
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.8 11.4 17.0



#32
Benzoic acid
Concen: 33.926 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.03 min
Lab File: BG040362.D
Acq: 4 Apr 2019 16:36

Tgt Ion:122 Resp: 68238
Ion Ratio Lower Upper
122 100
105 145.6 98.2 138.2#
77 94.6 73.6 113.6

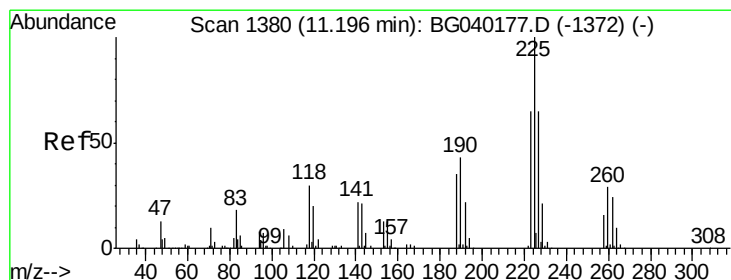
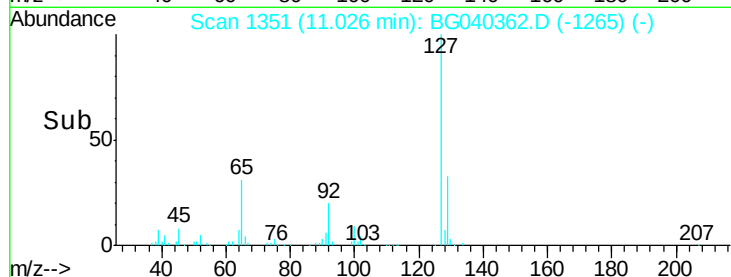
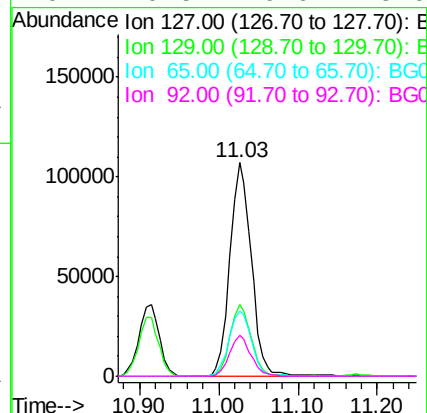
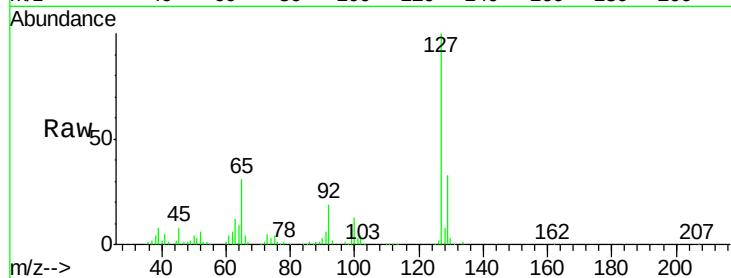




#33
4-Chloroaniline
Concen: 40.525 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG040362.D
Acq: 4 Apr 2019 16:36

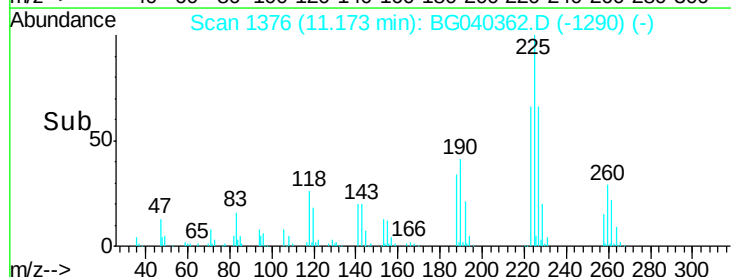
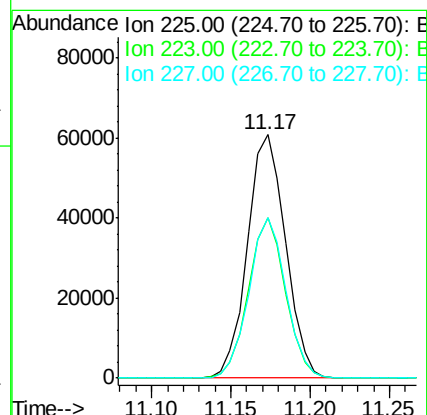
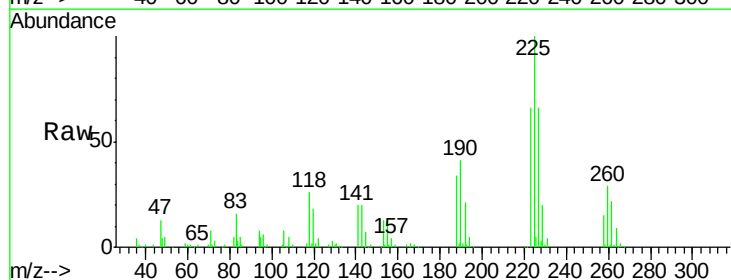
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

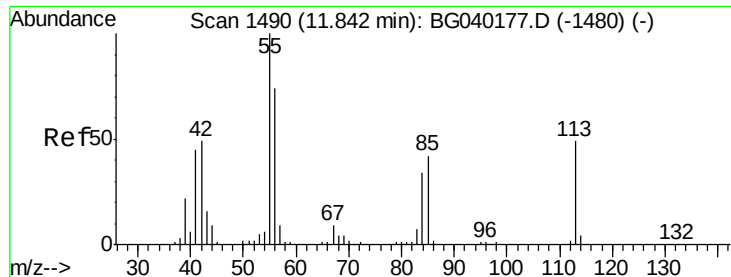
Tgt Ion:	127	Resp:	201158
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.6	40.0
65	30.8	27.0	40.4
92	19.5	16.6	25.0



#34
Hexachlorobutadiene
Concen: 40.106 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG040362.D
Acq: 4 Apr 2019 16:36

Tgt Ion:	225	Resp:	101769
Ion	Ratio	Lower	Upper
225	100		
223	65.9	51.8	77.8
227	69.2	54.9	82.3





#35

Caprolactam

Concen: 40.153 ng

RT: 11.81 min Scan# 1485

Delta R.T. -0.03 min

Lab File: BG040362.D

Acq: 4 Apr 2019 16:36

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

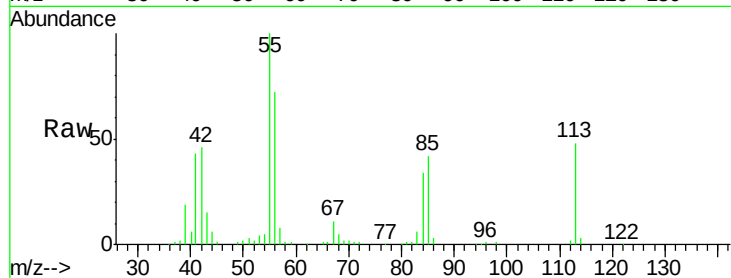
Tgt Ion:113 Resp: 57577

Ion Ratio Lower Upper

113 100

55 209.3 184.2 224.2

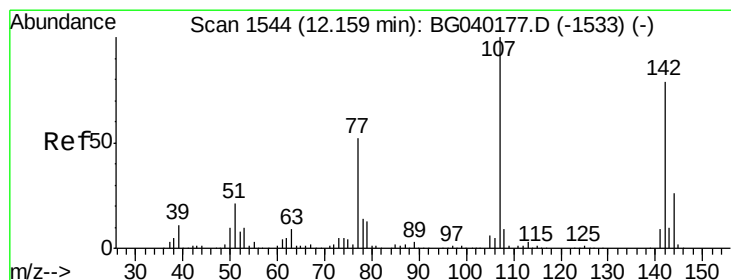
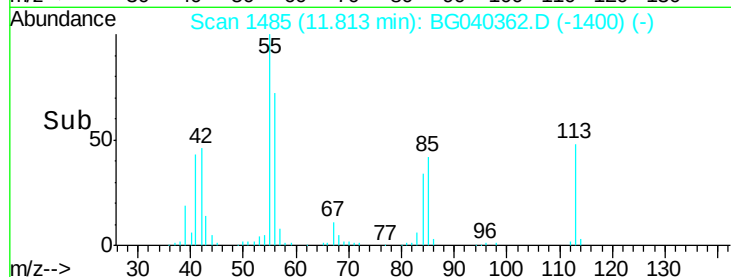
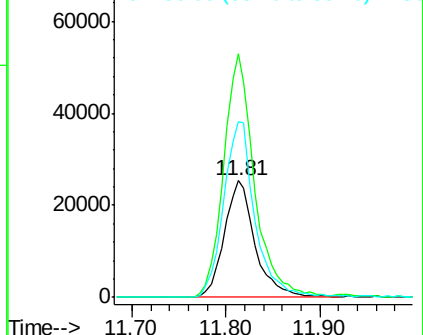
56 151.2 131.3 171.3



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: 42.453 ng

RT: 12.14 min Scan# 1540

Delta R.T. -0.02 min

Lab File: BG040362.D

Acq: 4 Apr 2019 16:36

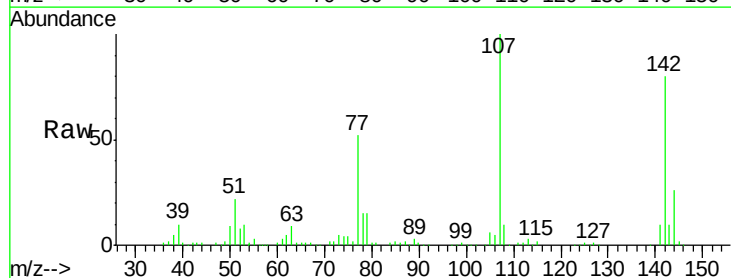
Tgt Ion:107 Resp: 176352

Ion Ratio Lower Upper

107 100

144 26.0 20.5 30.7

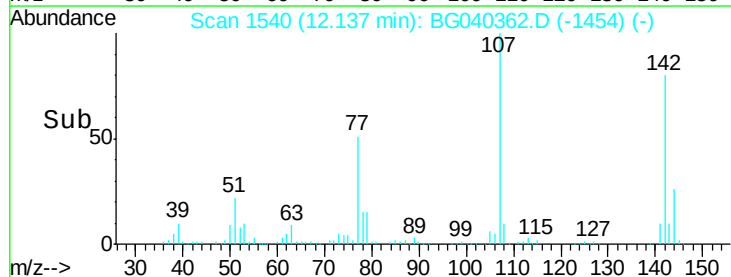
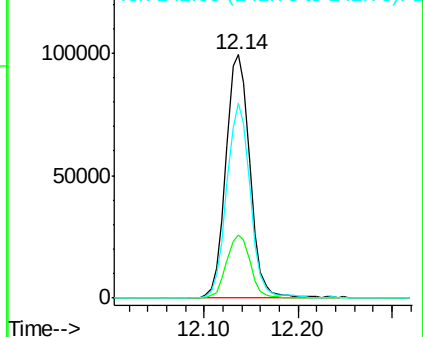
142 80.1 63.1 94.7

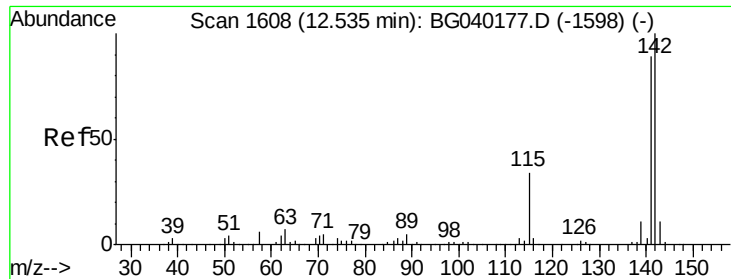


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

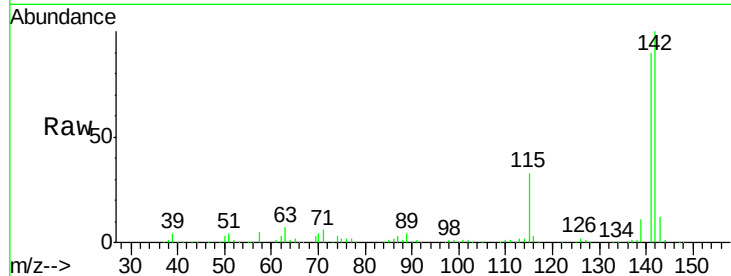




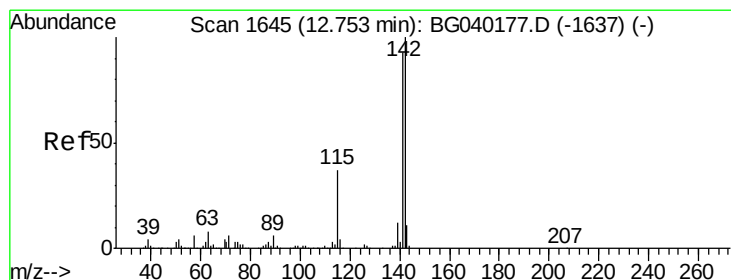
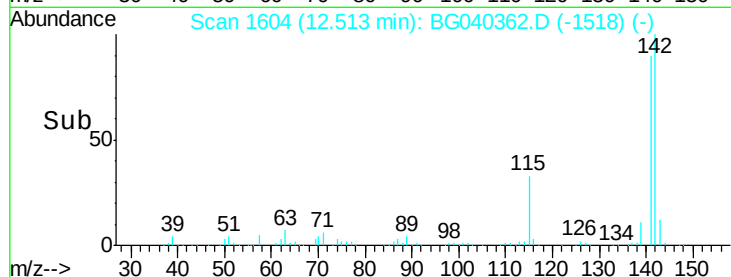
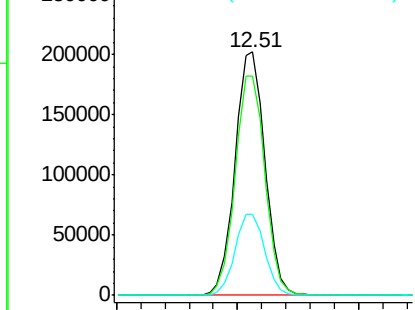
#37
 2-Methylnaphthalene
 Concen: 40.594 ng
 RT: 12.51 min Scan# 1604
 Delta R.T. -0.02 min
 Lab File: BG040362.D
 Acq: 4 Apr 2019 16:36

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tgt Ion:142 Resp: 349368
 Ion Ratio Lower Upper
 142 100
 141 90.0 71.0 106.6
 115 33.0 27.3 40.9

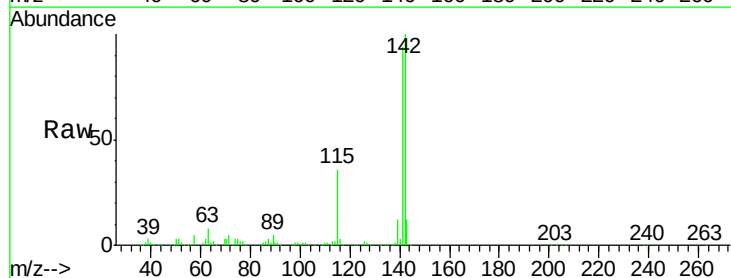


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

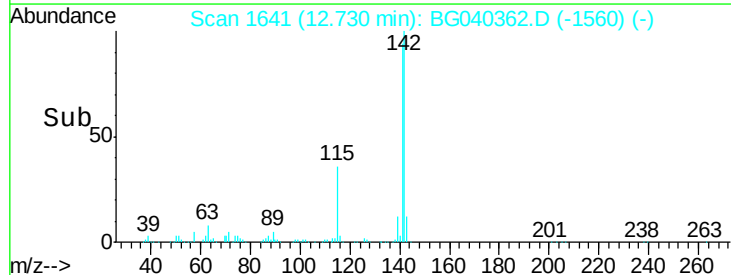
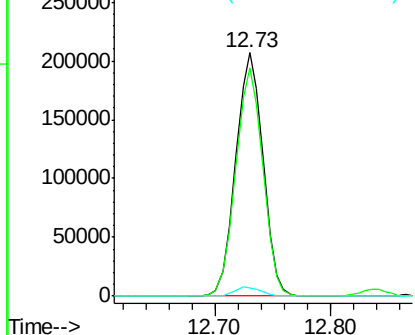


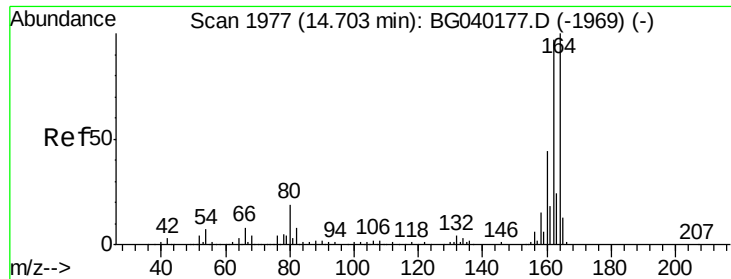
#38
 1-Methylnaphthalene
 Concen: 40.487 ng
 RT: 12.73 min Scan# 1641
 Delta R.T. -0.02 min
 Lab File: BG040362.D
 Acq: 4 Apr 2019 16:36

Tgt Ion:142 Resp: 337891
 Ion Ratio Lower Upper
 142 100
 141 93.6 74.2 111.4
 116 3.3 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG040362.D

Acq: 4 Apr 2019 16:36

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

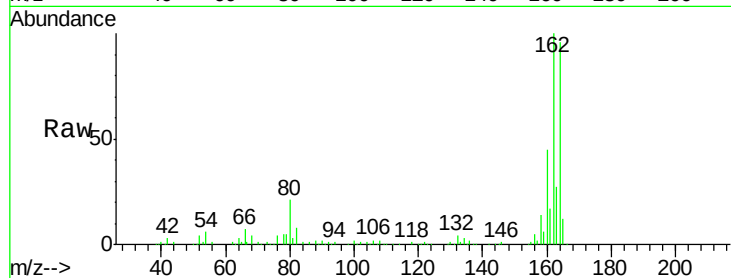
Tgt Ion:164 Resp: 141770

Ion Ratio Lower Upper

164 100

162 104.0 77.4 116.2

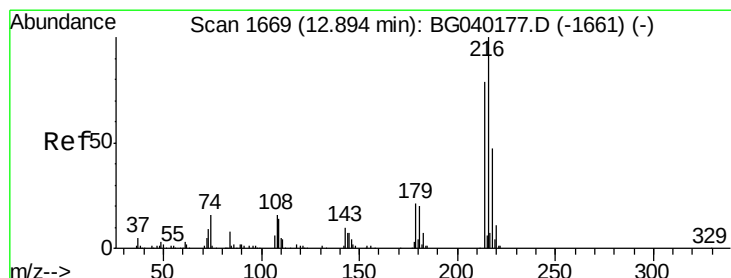
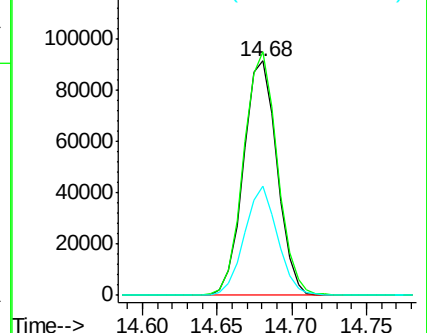
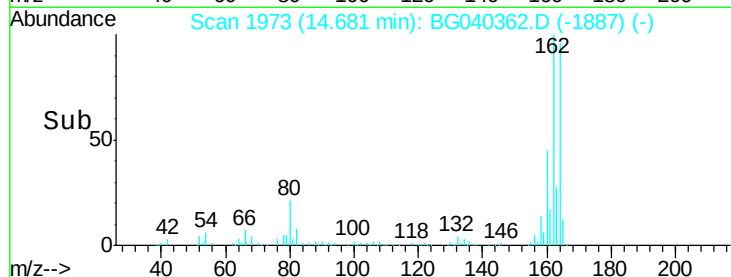
160 46.7 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.354 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.02 min

Lab File: BG040362.D

Acq: 4 Apr 2019 16:36

Tgt Ion:216 Resp: 181831

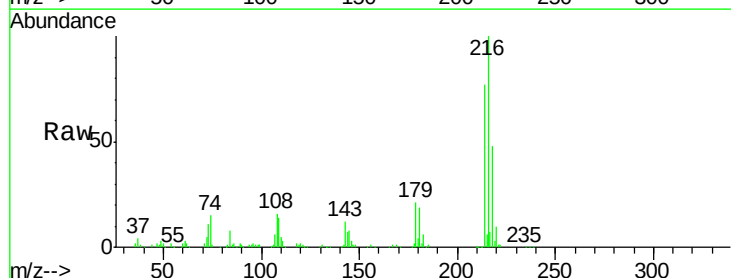
Ion Ratio Lower Upper

216 100

214 80.1 63.5 95.3

179 20.5 16.6 25.0

108 17.6 13.8 20.8

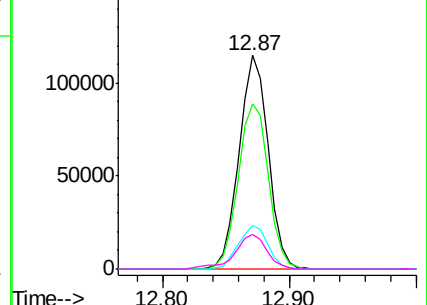
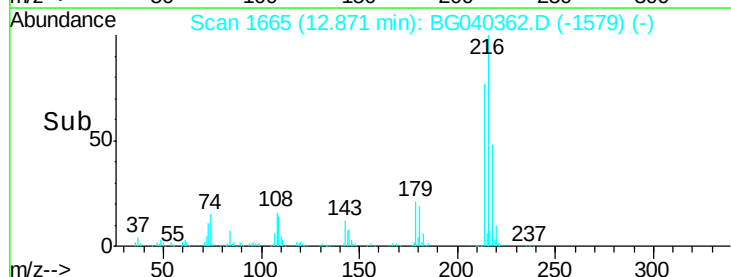


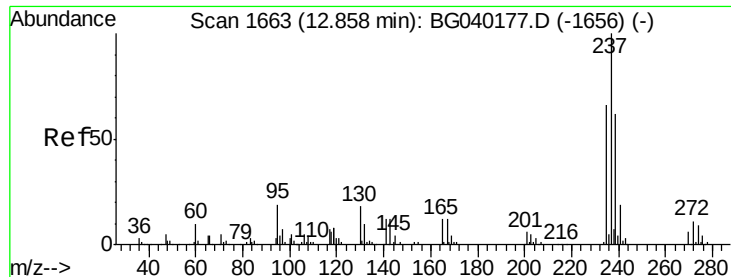
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 33.411 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BG040362.D

Acq: 4 Apr 2019 16:36

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

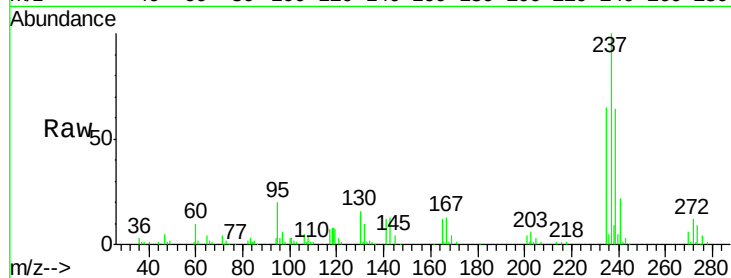
Tgt Ion: 237 Resp: 82662

Ion Ratio Lower Upper

237 100

235 64.5 46.2 86.2

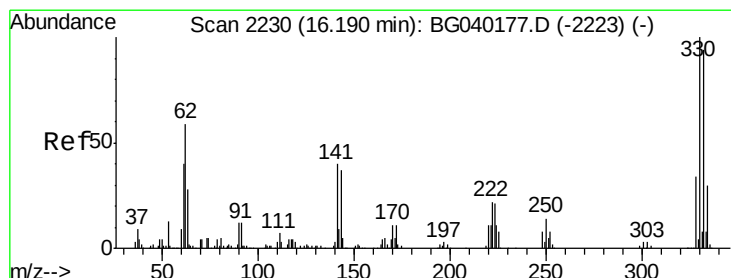
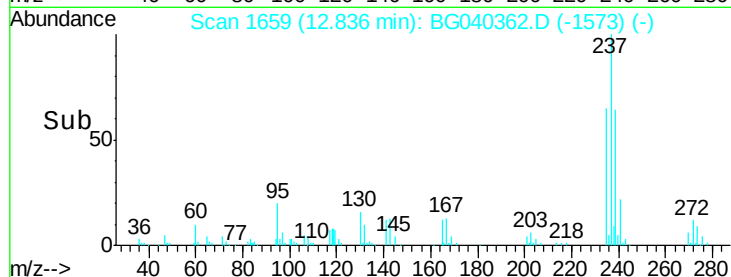
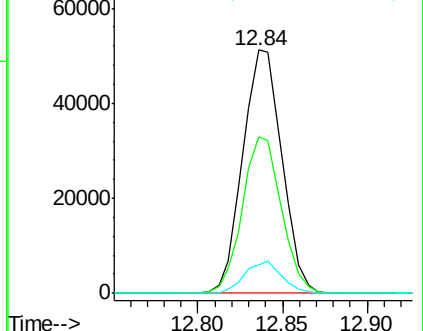
272 11.7 0.0 30.5



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: 92.878 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040362.D

Acq: 4 Apr 2019 16:36

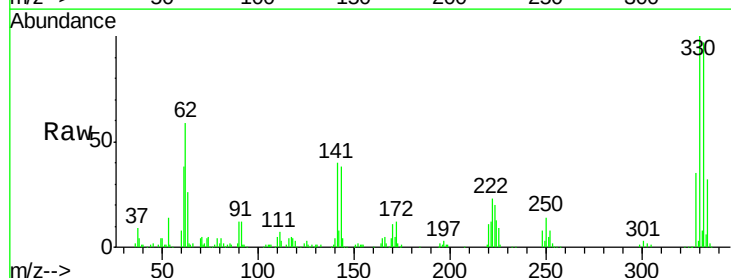
Tgt Ion: 330 Resp: 142305

Ion Ratio Lower Upper

330 100

332 96.6 76.6 115.0

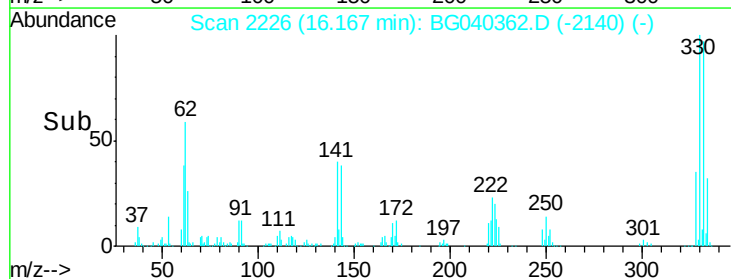
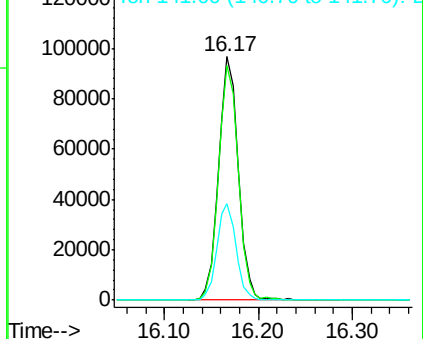
141 38.6 32.6 48.8

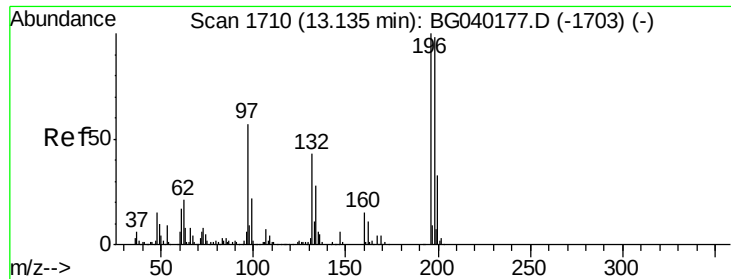


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

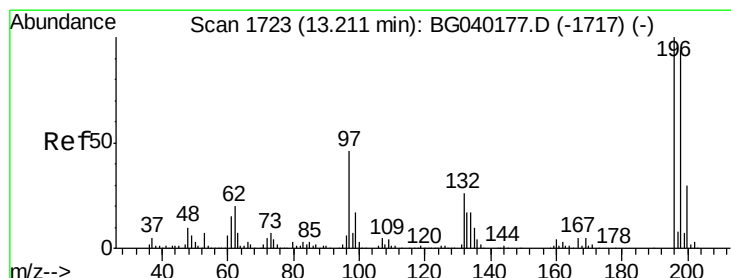
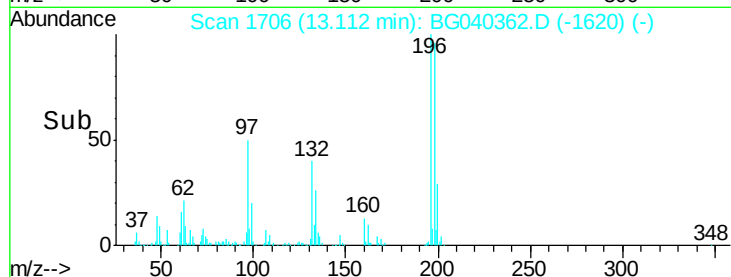
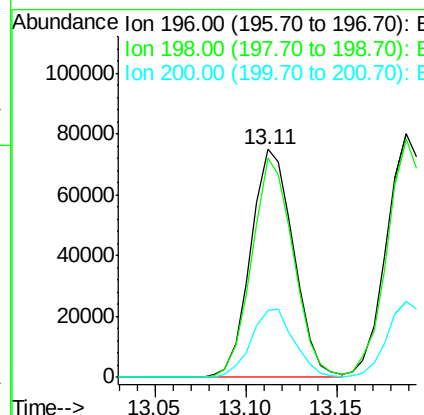
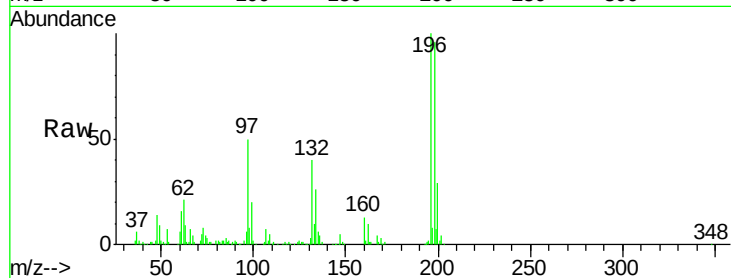




#43
 2,4,6-Trichlorophenol
 Concen: 42.430 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG040362.D
 Acq: 4 Apr 2019 16:36

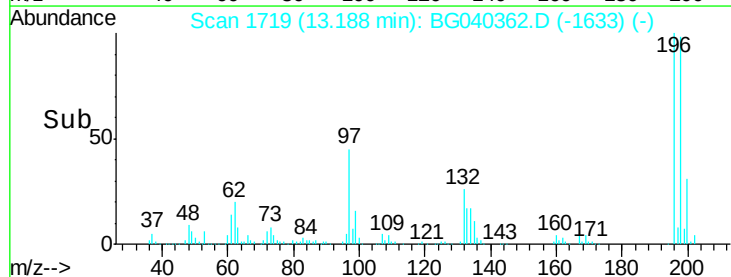
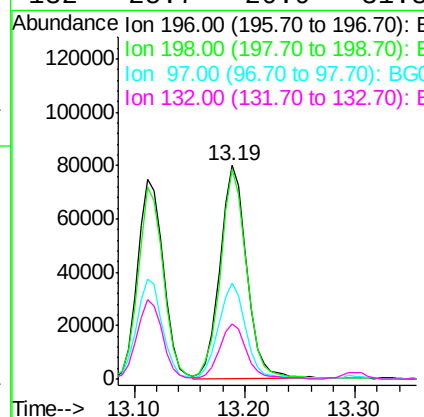
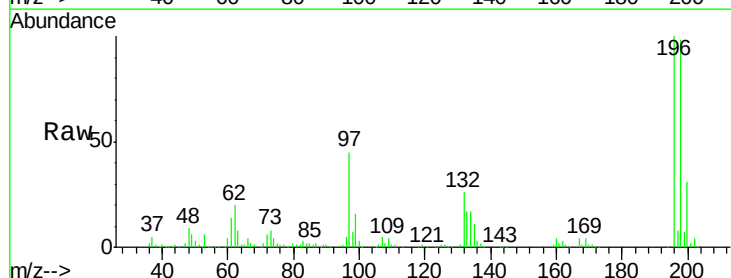
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

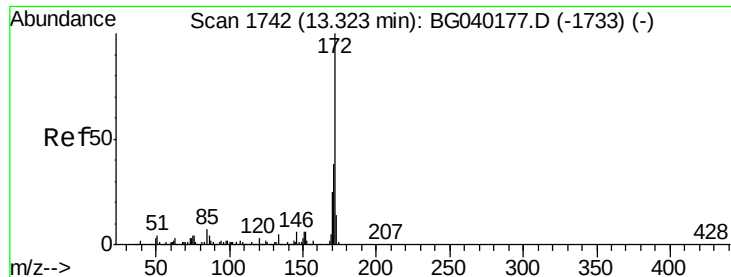
Tgt Ion:196 Resp: 123265
 Ion Ratio Lower Upper
 196 100
 198 96.2 78.3 117.5
 200 29.2 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 42.469 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040362.D
 Acq: 4 Apr 2019 16:36

Tgt Ion:196 Resp: 134479
 Ion Ratio Lower Upper
 196 100
 198 98.2 75.0 112.6
 97 44.8 37.3 55.9
 132 25.7 20.9 31.3





#45

2-Fluorobiphenyl

Concen: 81.195 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.02 min

Lab File: BG040362.D

Acq: 4 Apr 2019 16:36

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

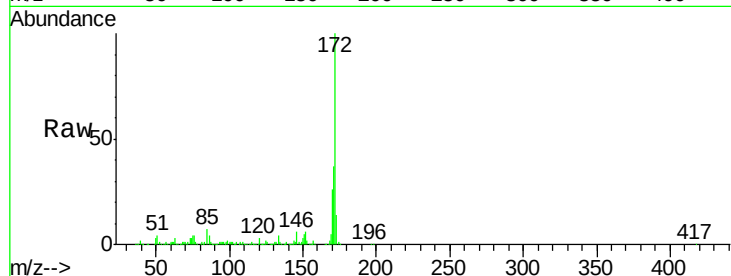
Tgt Ion:172 Resp: 776843

Ion Ratio Lower Upper

172 100

171 36.8 30.5 45.7

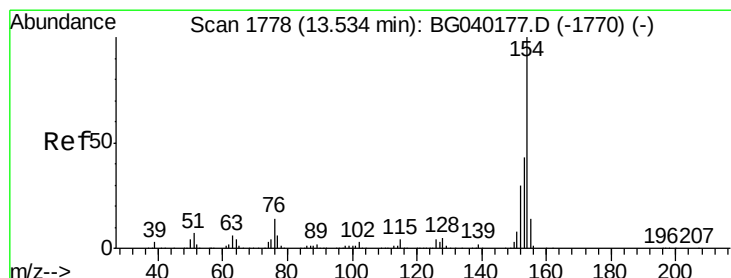
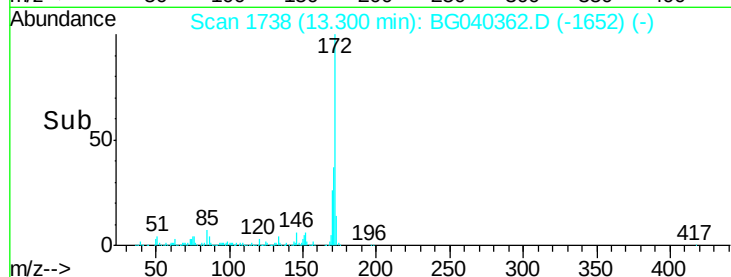
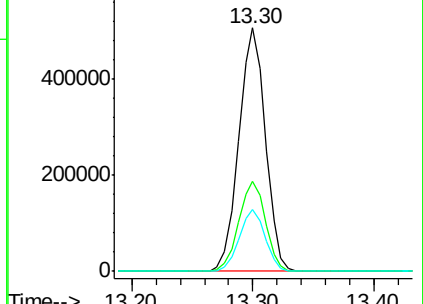
170 25.6 20.1 30.1



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 40.694 ng

RT: 13.51 min Scan# 1774

Delta R.T. -0.02 min

Lab File: BG040362.D

Acq: 4 Apr 2019 16:36

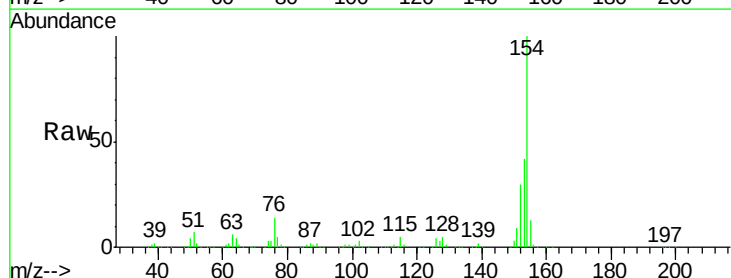
Tgt Ion:154 Resp: 455843

Ion Ratio Lower Upper

154 100

153 41.6 22.5 62.5

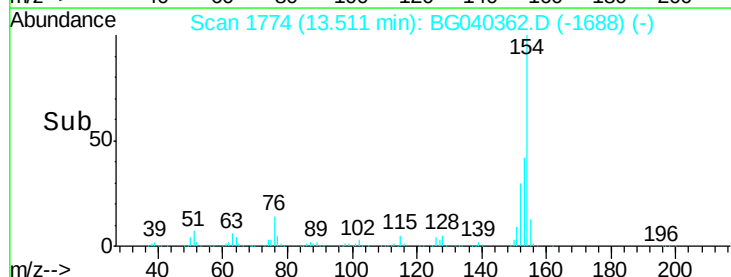
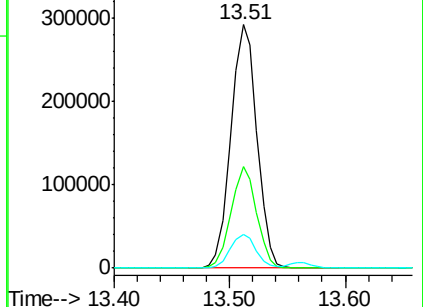
76 13.6 0.0 33.7

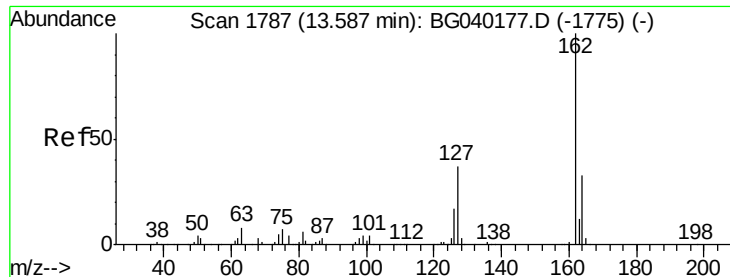


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

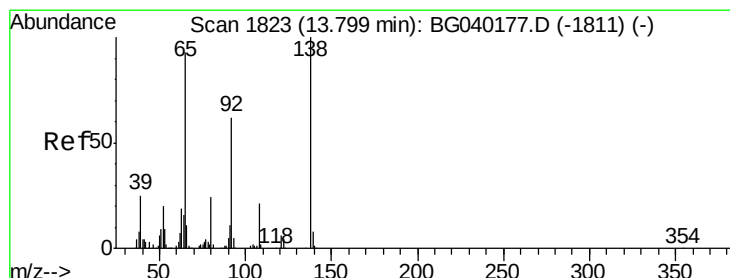
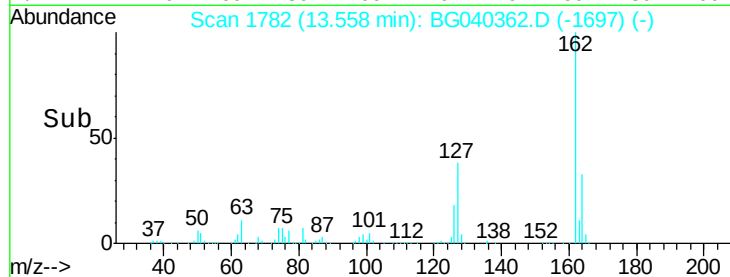
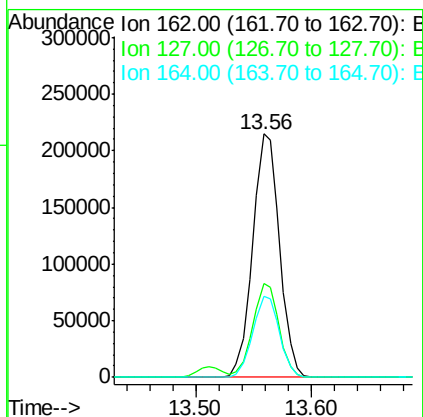
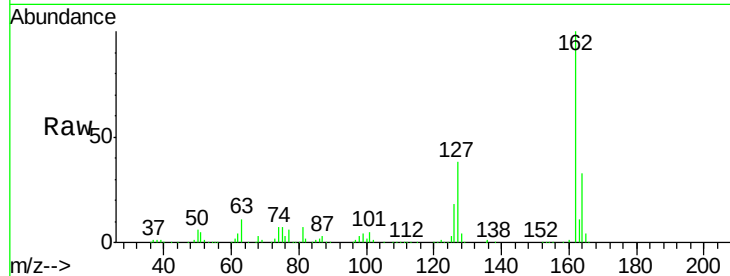




#47
 2-Chloronaphthalene
 Concen: 40.444 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.03 min
 Lab File: BG040362.D
 Acq: 4 Apr 2019 16:36

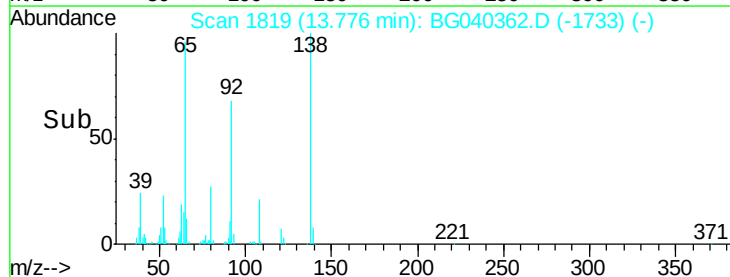
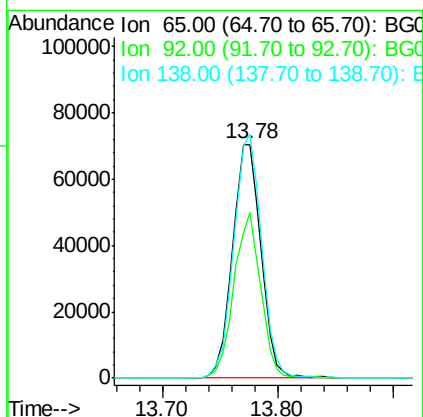
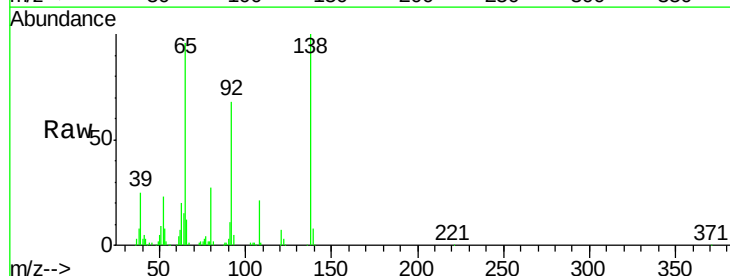
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

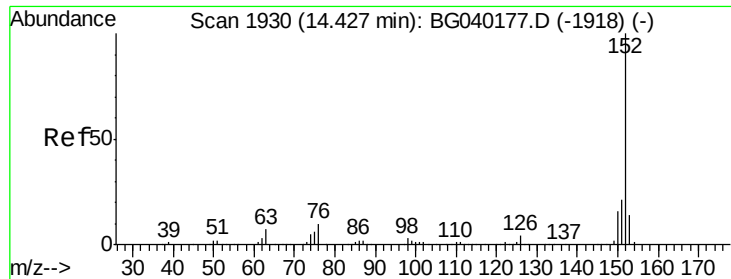
Tgt Ion: 162 Resp: 347508
 Ion Ratio Lower Upper
 162 100
 127 38.5 30.6 45.8
 164 33.1 26.2 39.4



#48
 2-Nitroaniline
 Concen: 41.552 ng
 RT: 13.78 min Scan# 1819
 Delta R.T. -0.02 min
 Lab File: BG040362.D
 Acq: 4 Apr 2019 16:36

Tgt Ion: 65 Resp: 120431
 Ion Ratio Lower Upper
 65 100
 92 70.7 53.8 80.6
 138 104.2 86.3 129.5





#49

Acenaphthylene

Concen: 41.580 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG040362.D

Acq: 4 Apr 2019 16:36

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

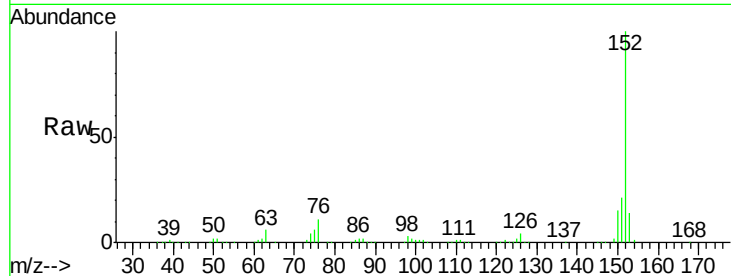
Tgt Ion:152 Resp: 605752

Ion Ratio Lower Upper

152 100

151 21.1 17.0 25.6

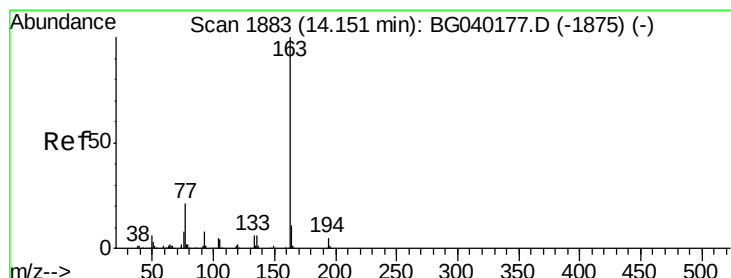
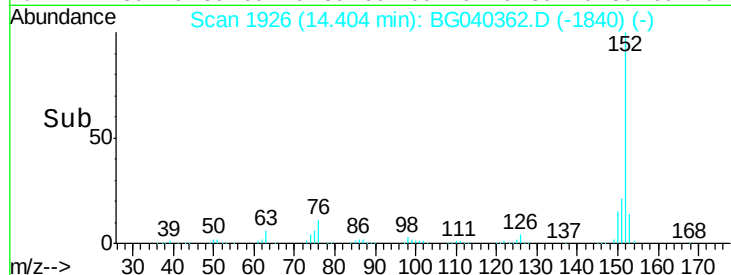
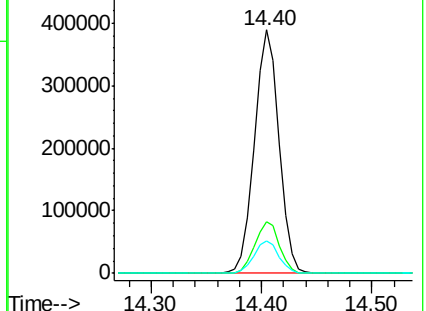
153 13.6 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.250 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040362.D

Acq: 4 Apr 2019 16:36

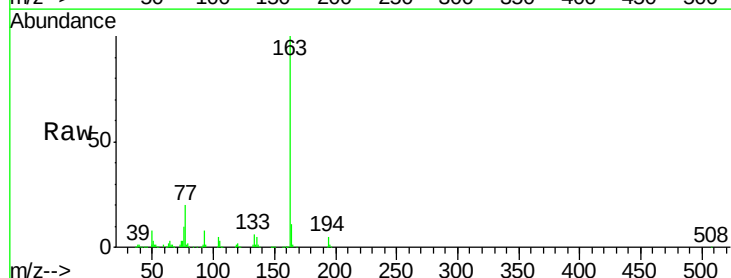
Tgt Ion:163 Resp: 457688

Ion Ratio Lower Upper

163 100

194 4.6 4.1 6.1

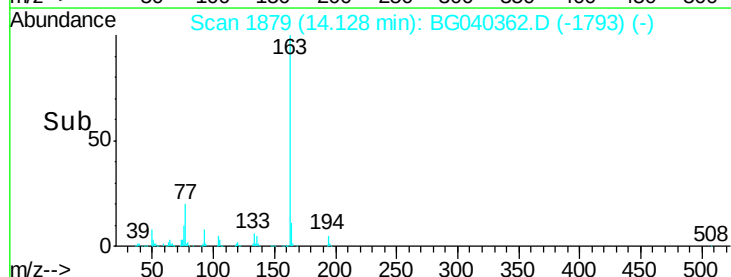
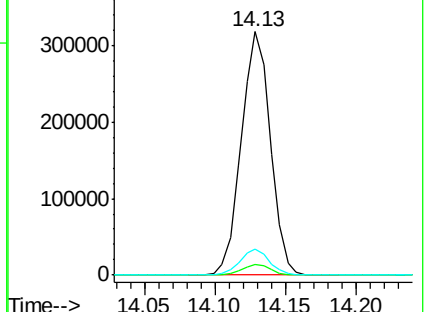
164 10.8 8.6 13.0

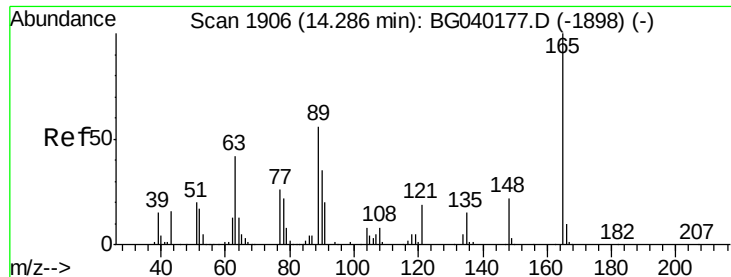


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

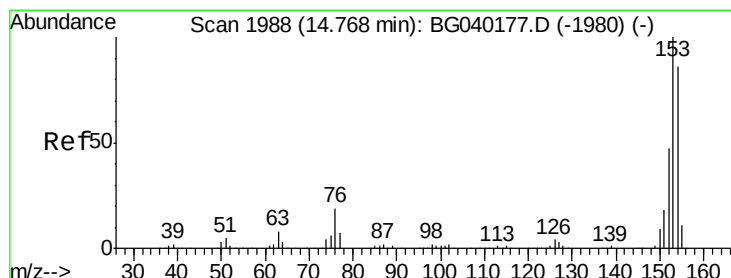
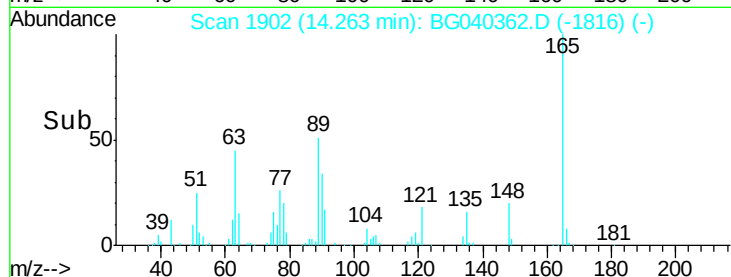
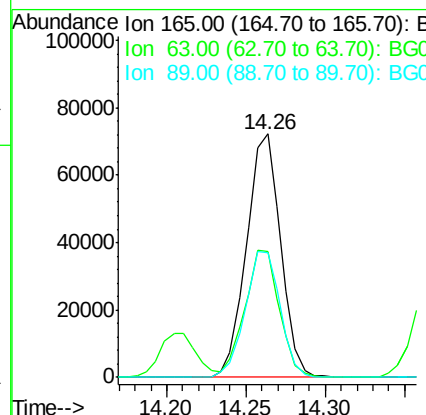
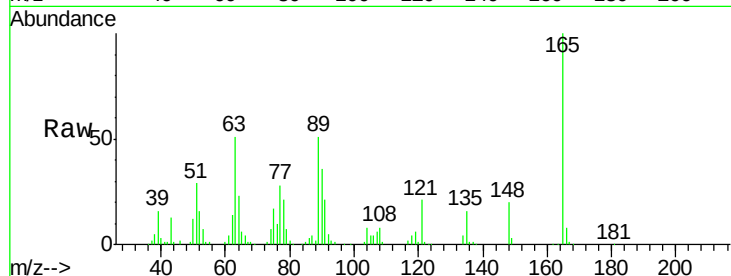




#51
 2,6-Dinitrotoluene
 Concen: 43.161 ng
 RT: 14.26 min Scan# 1902
 Delta R.T. -0.02 min
 Lab File: BG040362.D
 Acq: 4 Apr 2019 16:36

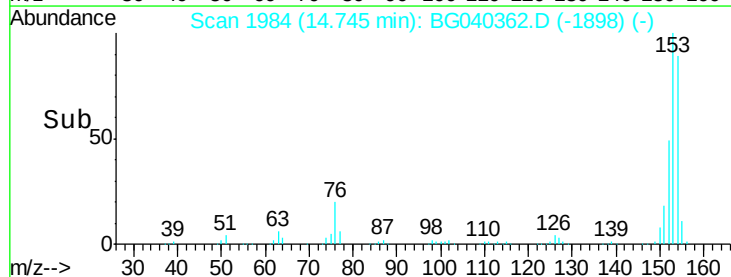
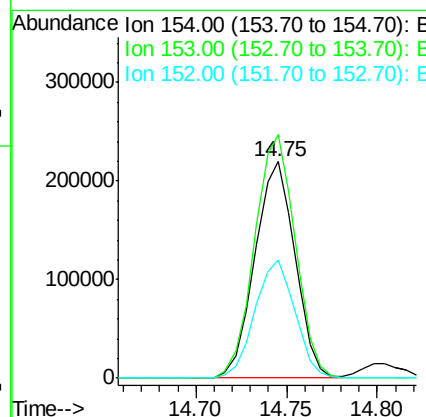
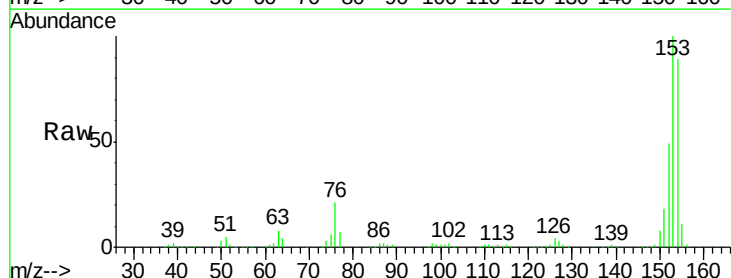
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

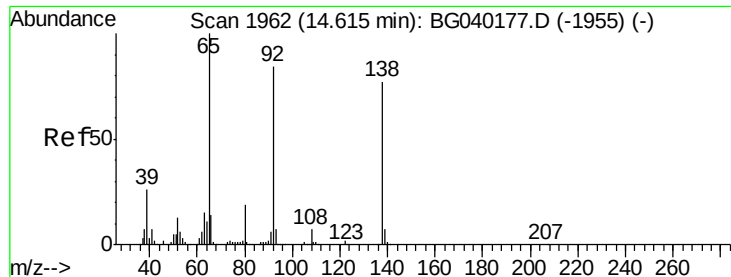
Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.5	44.1	66.1
89	51.3	44.9	67.3



#52
 Acenaphthene
 Concen: 40.490 ng
 RT: 14.75 min Scan# 1984
 Delta R.T. -0.02 min
 Lab File: BG040362.D
 Acq: 4 Apr 2019 16:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.5	92.8	139.2
152	54.9	43.4	65.2





#53

3-Nitroaniline

Concen: 42.490 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.02 min

Lab File: BG040362.D

Acq: 4 Apr 2019 16:36

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

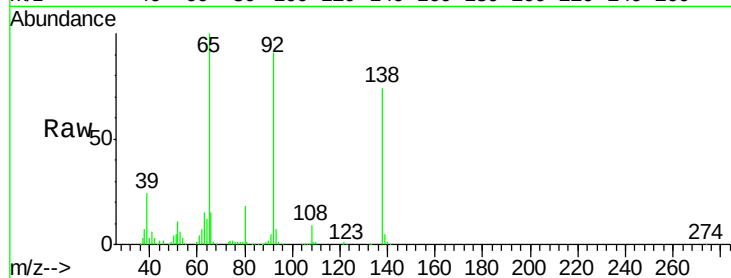
Tgt Ion:138 Resp: 112053

Ion Ratio Lower Upper

138 100

108 11.7 7.8 11.8

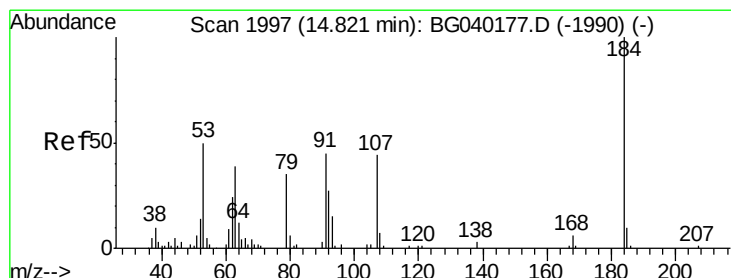
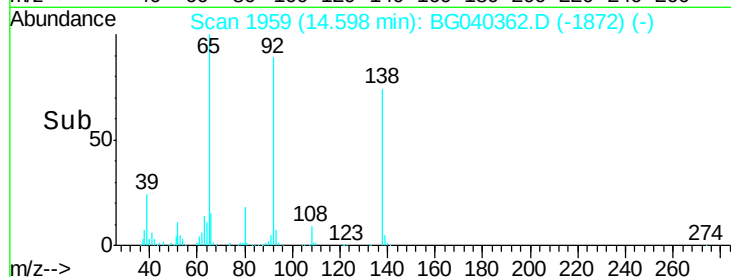
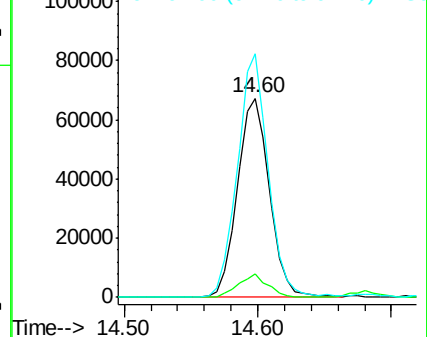
92 122.4 87.5 131.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 34.525 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BG040362.D

Acq: 4 Apr 2019 16:36

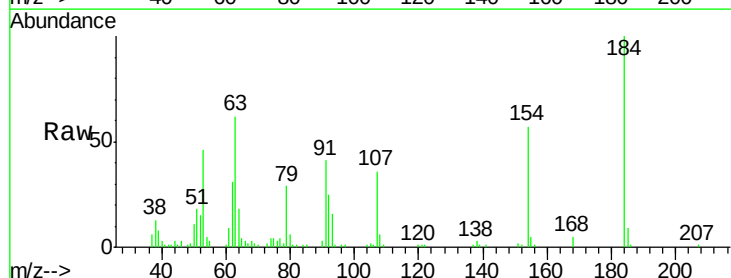
Tgt Ion:184 Resp: 45744

Ion Ratio Lower Upper

184 100

63 62.2 51.8 77.8

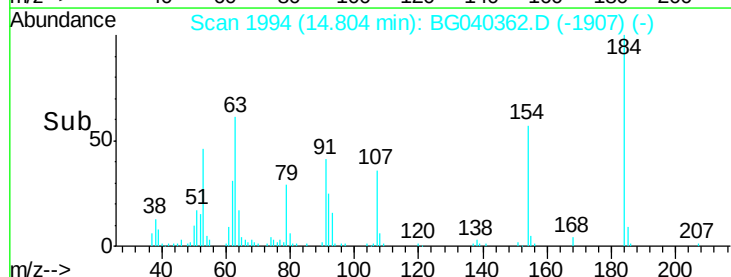
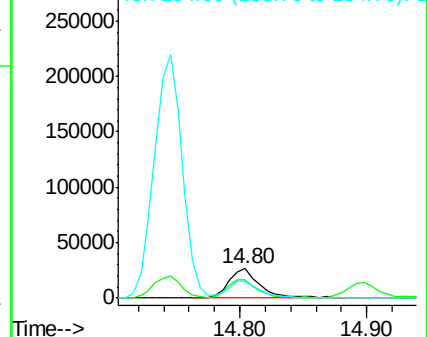
154 57.0 50.9 76.3

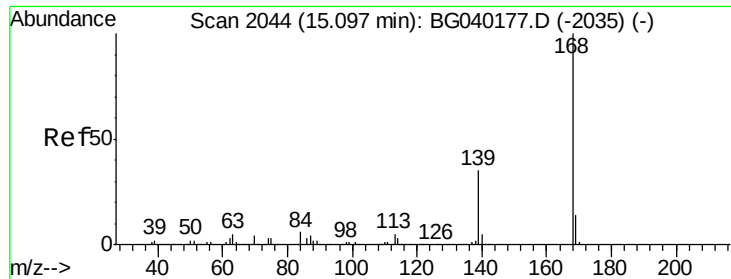


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

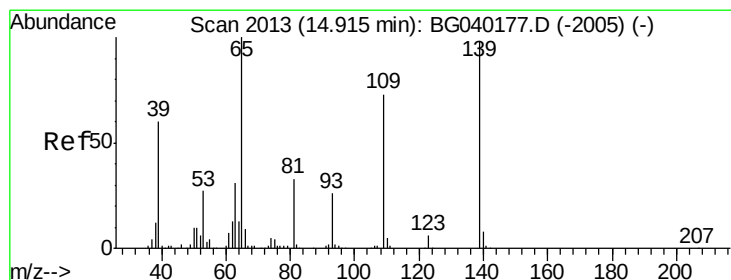
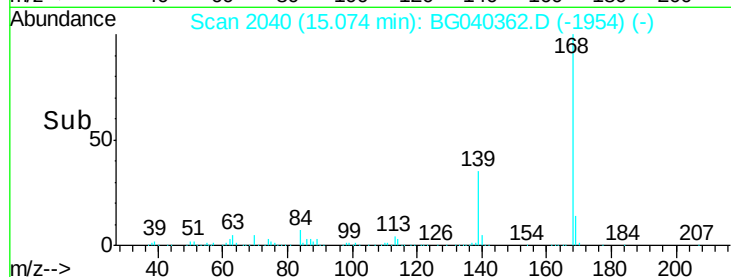
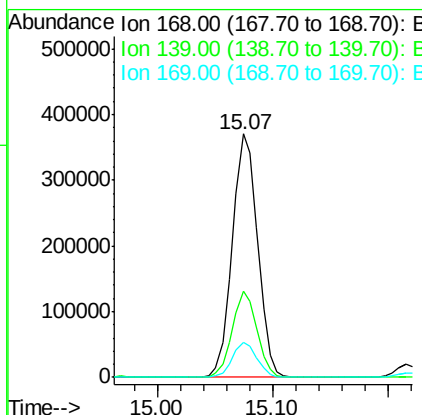
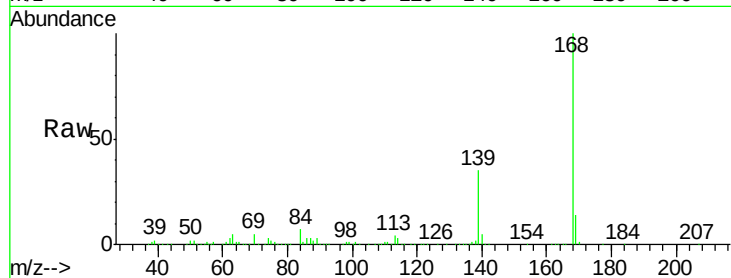




#55
Dibenzofuran
Concen: 41.825 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BG040362.D
Acq: 4 Apr 2019 16:36

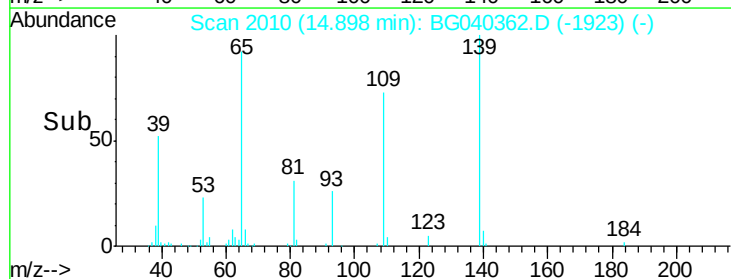
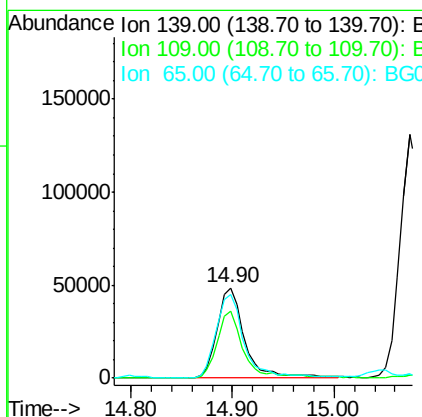
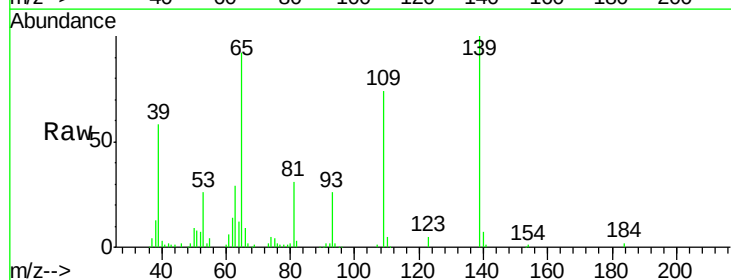
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

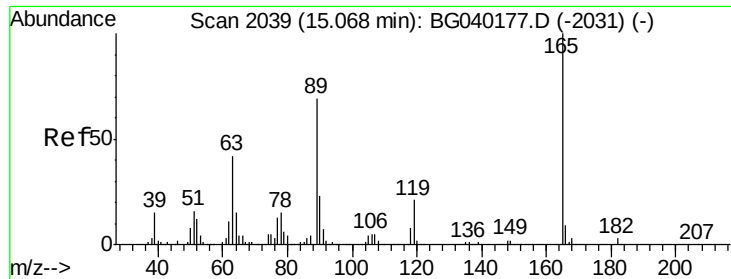
Tgt Ion:168 Resp: 561033
Ion Ratio Lower Upper
168 100
139 35.3 27.9 41.9
169 14.2 11.3 16.9



#56
4-Nitrophenol
Concen: 42.854 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BG040362.D
Acq: 4 Apr 2019 16:36

Tgt Ion:139 Resp: 91211
Ion Ratio Lower Upper
139 100
109 73.6 54.3 94.3
65 92.3 82.5 122.5

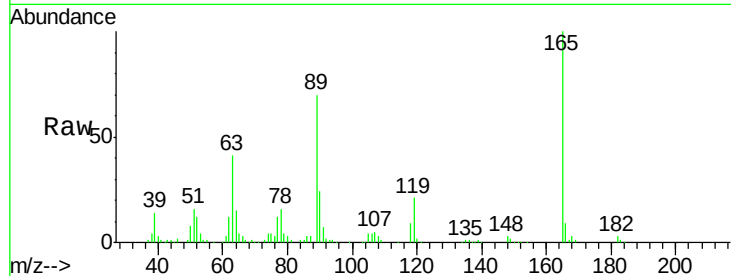




#57
2,4-Dinitrotoluene
Concen: 44.160 ng
RT: 15.04 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BG040362.D
Acq: 4 Apr 2019 16:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.9	33.8	50.6
89	70.0	55.4	83.2
182	3.2	2.2	3.4



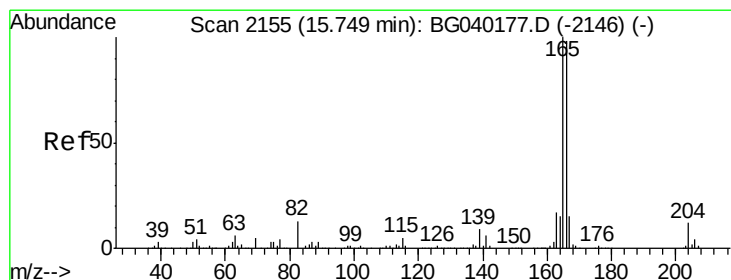
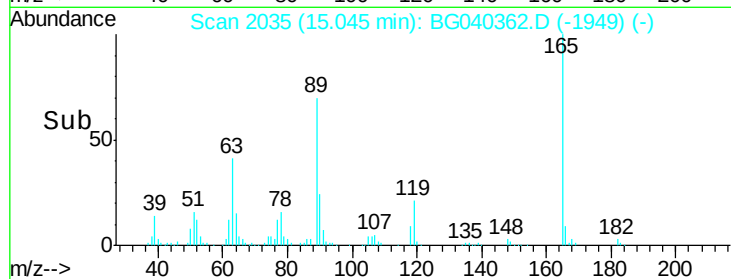
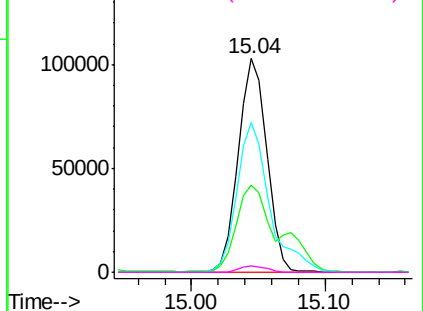
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

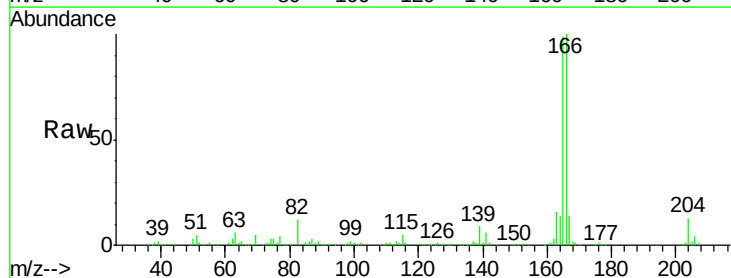
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.650 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.02 min
Lab File: BG040362.D
Acq: 4 Apr 2019 16:36

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	81.7	122.5
167	14.0	11.9	17.9

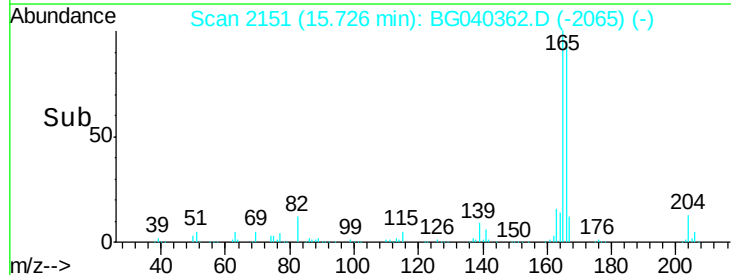
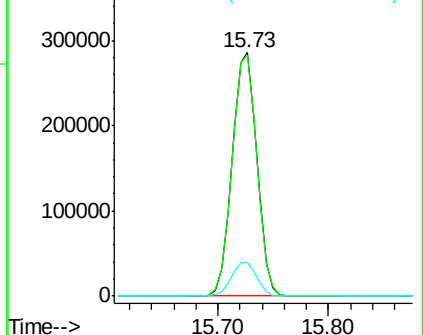


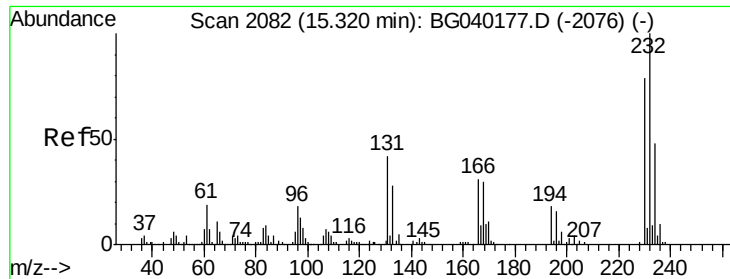
Abundance

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

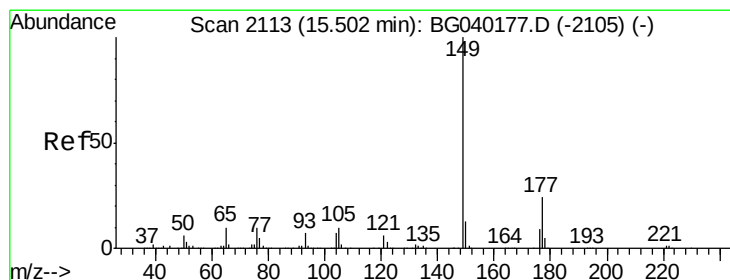
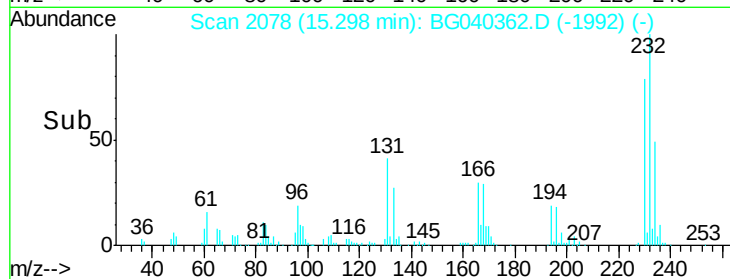
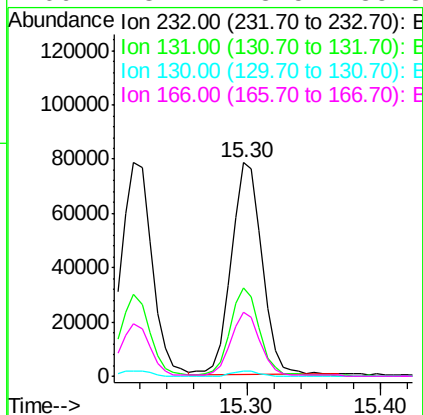
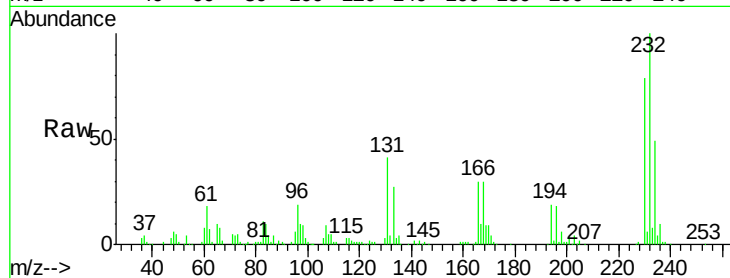




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.680 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.02 min
 Lab File: BG040362.D
 Acq: 4 Apr 2019 16:36

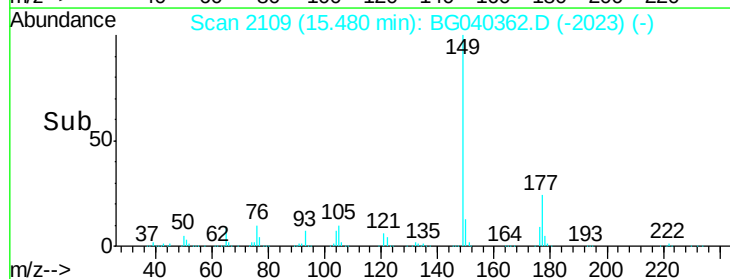
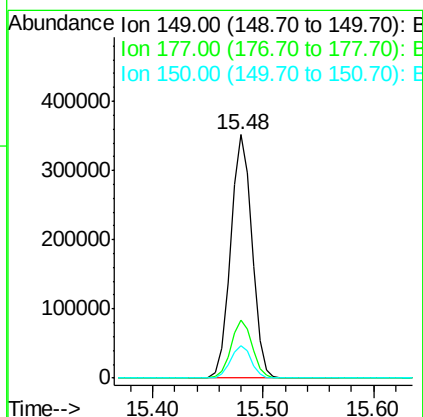
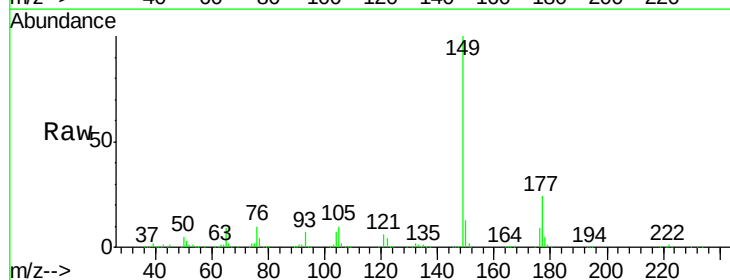
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

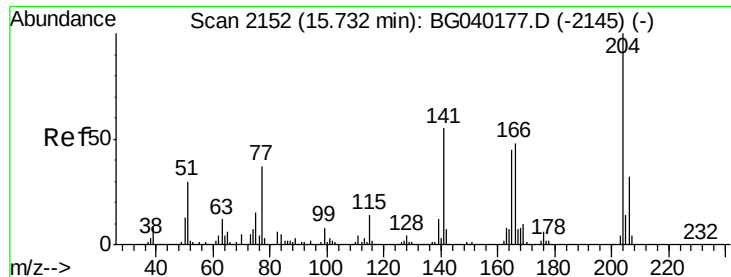
Tgt Ion:	232	Resp:	125511
Ion	Ratio	Lower	Upper
232	100		
131	39.6	32.9	49.3
130	2.3	1.8	2.8
166	28.7	23.5	35.3



#60
 Diethylphthalate
 Concen: 41.983 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.02 min
 Lab File: BG040362.D
 Acq: 4 Apr 2019 16:36

Tgt Ion:	149	Resp:	476669
Ion	Ratio	Lower	Upper
149	100		
177	23.6	19.1	28.7
150	13.2	10.6	15.8

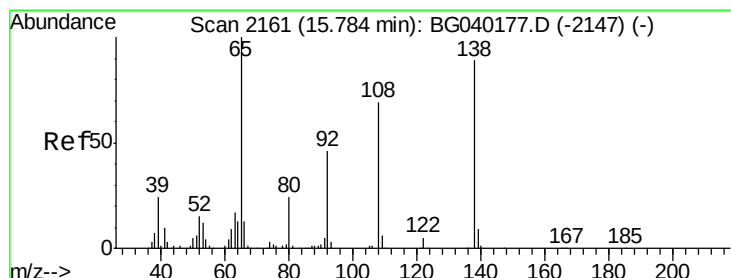
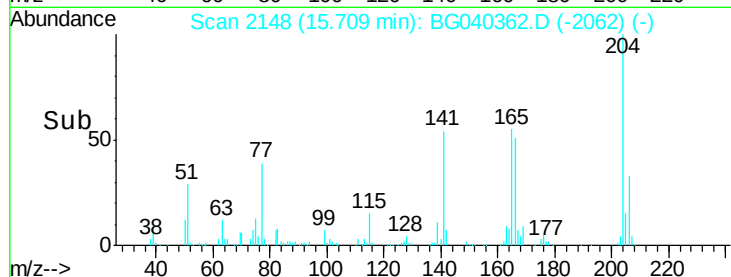
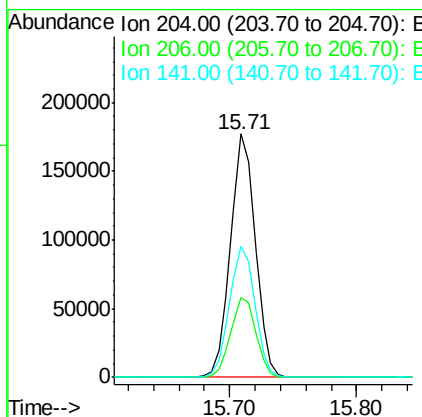
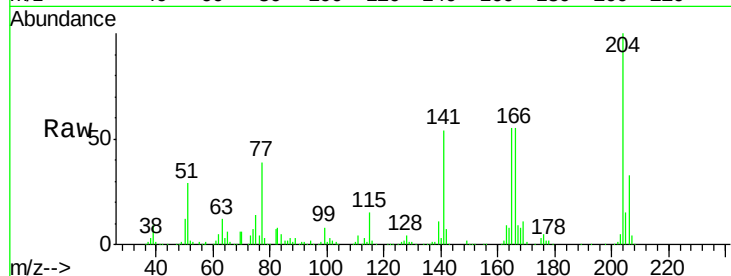




#61
 4-Chlorophenyl-phenylether
 Concen: 42.448 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BG040362.D
 Acq: 4 Apr 2019 16:36

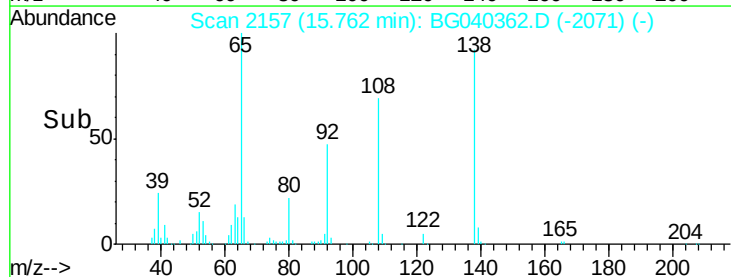
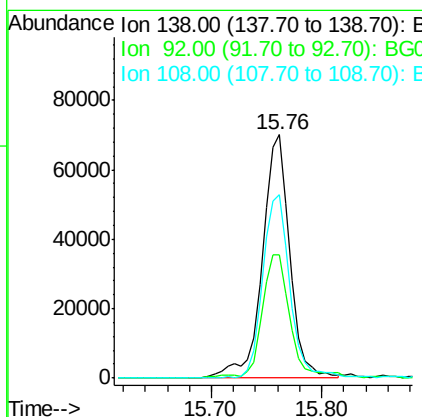
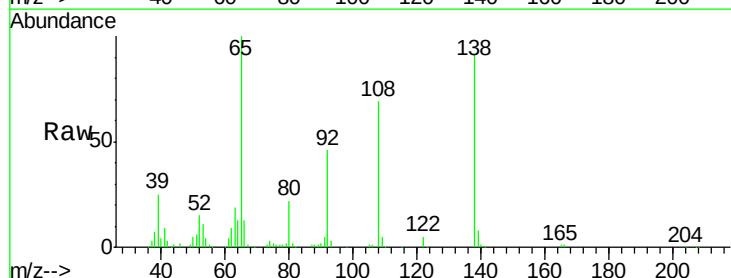
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

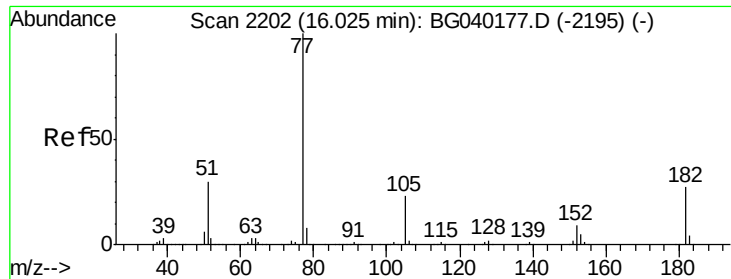
Tgt Ion: 204 Resp: 239290
 Ion Ratio Lower Upper
 204 100
 206 33.0 25.7 38.5
 141 53.8 44.0 66.0



#62
 4-Nitroaniline
 Concen: 43.070 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BG040362.D
 Acq: 4 Apr 2019 16:36

Tgt Ion: 138 Resp: 121894
 Ion Ratio Lower Upper
 138 100
 92 50.7 31.8 71.8
 108 75.5 57.2 97.2

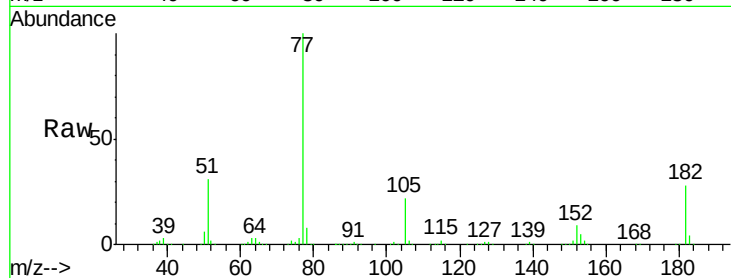




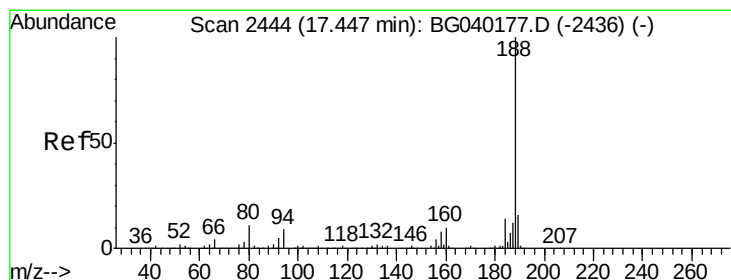
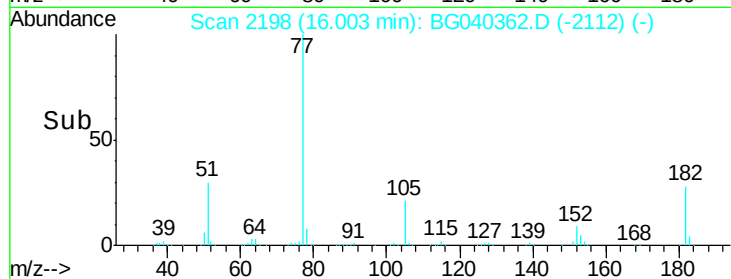
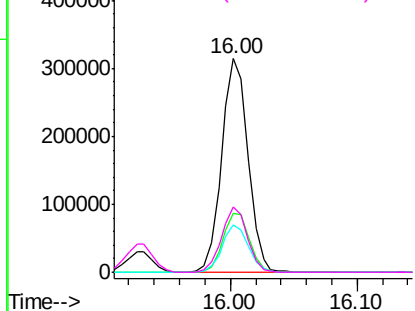
#63
Azobenzene
Concen: 42.000 ng
RT: 16.00 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BG040362.D
Acq: 4 Apr 2019 16:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 449804
Ion Ratio Lower Upper
77 100
182 27.6 7.2 47.2
105 22.4 2.8 42.8
51 30.6 10.4 50.4

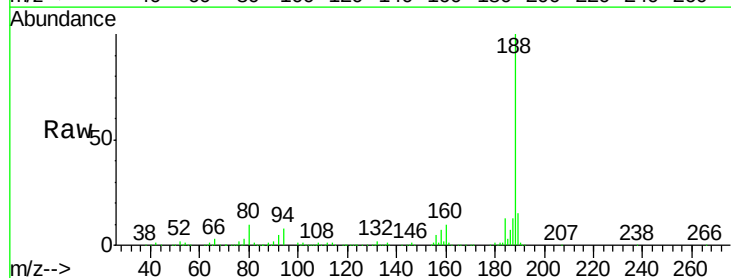


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

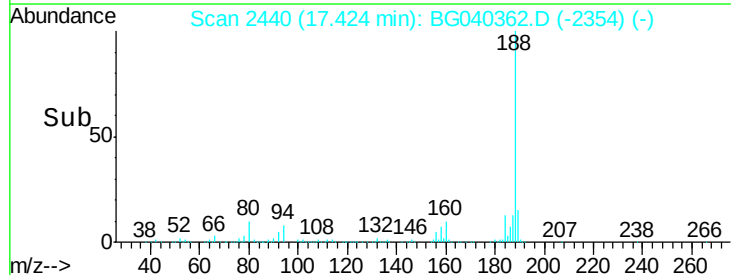
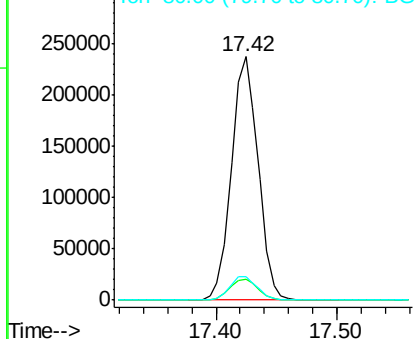


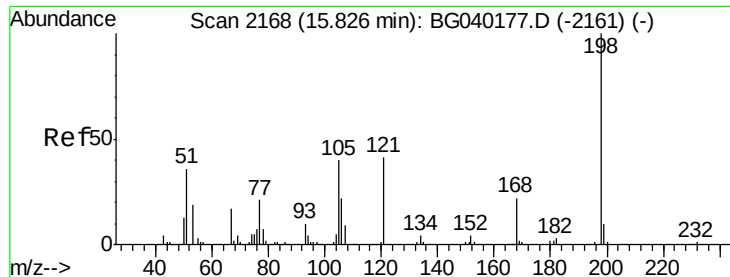
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040362.D
Acq: 4 Apr 2019 16:36

Tgt Ion: 188 Resp: 365364
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.4
80 9.9 8.6 13.0



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

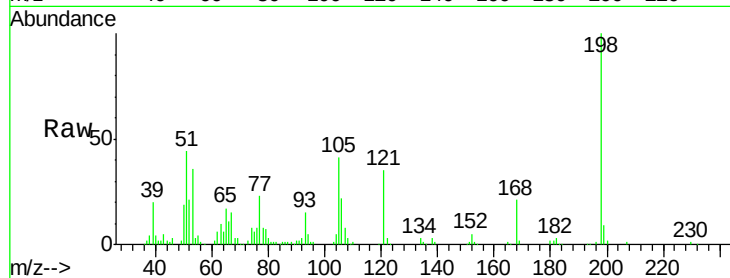




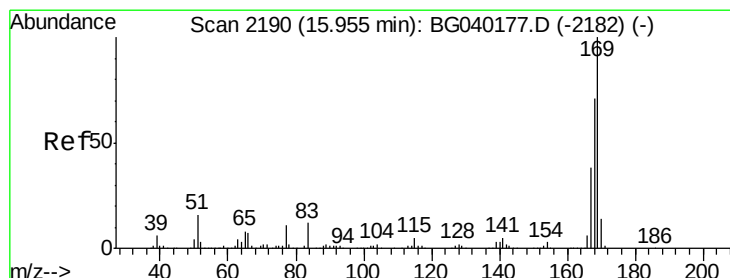
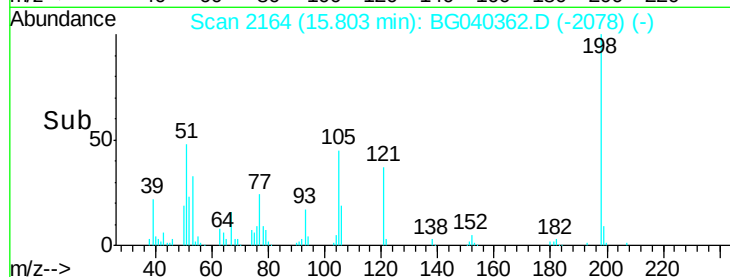
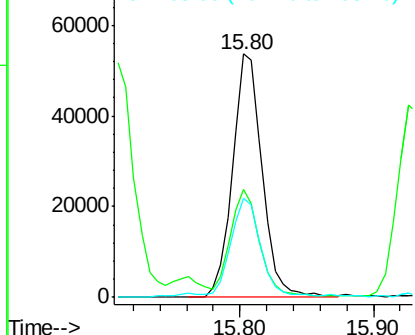
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.384 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.02 min
 Lab File: BG040362.D
 Acq: 4 Apr 2019 16:36

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:198 Resp: 82895
 Ion Ratio Lower Upper
 198 100
 51 44.2 27.3 67.3
 105 40.7 21.7 61.7

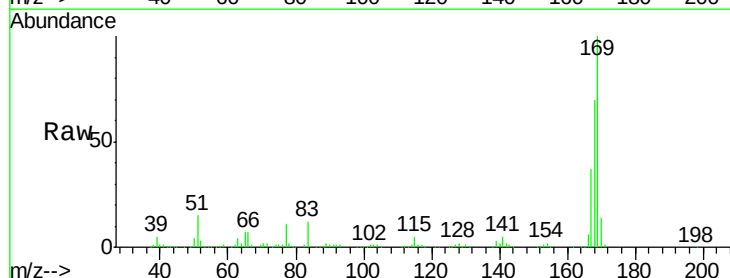


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

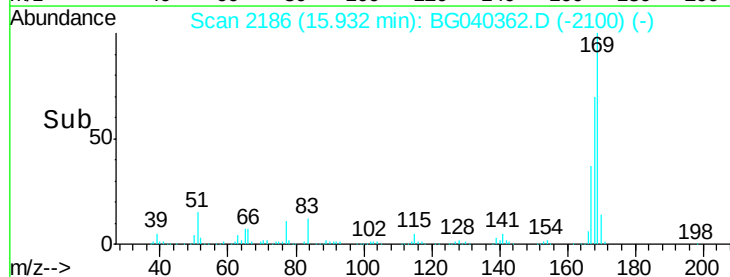
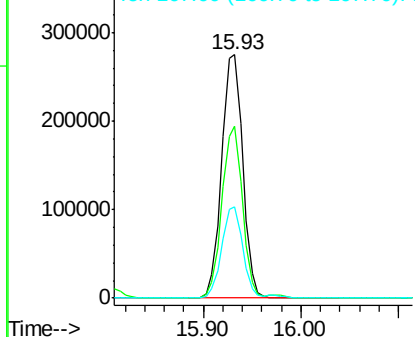


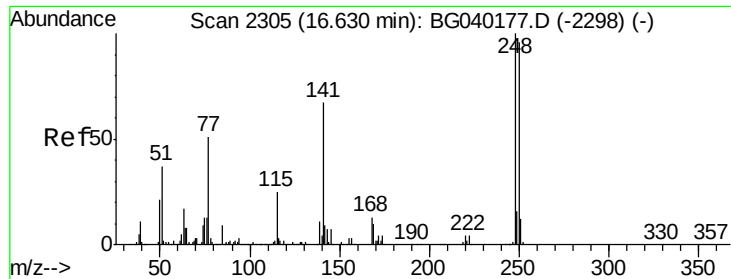
#66
 n-Nitrosodiphenylamine
 Concen: 38.532 ng
 RT: 15.93 min Scan# 2186
 Delta R.T. -0.02 min
 Lab File: BG040362.D
 Acq: 4 Apr 2019 16:36

Tgt Ion:169 Resp: 411964
 Ion Ratio Lower Upper
 169 100
 168 70.4 56.8 85.2
 167 37.3 30.2 45.4



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

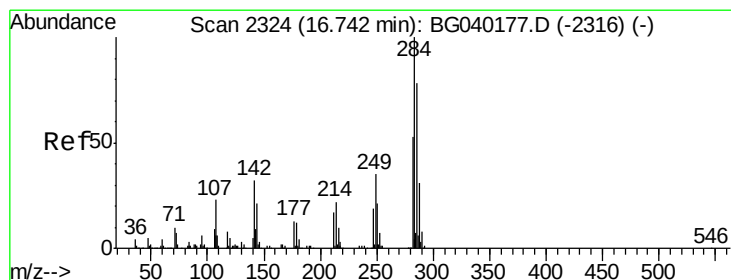
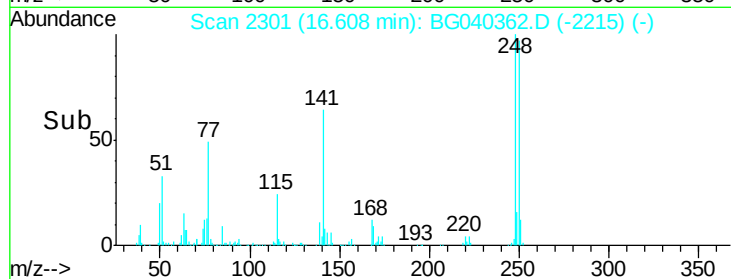
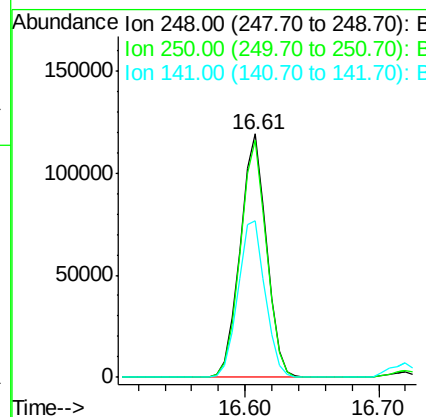
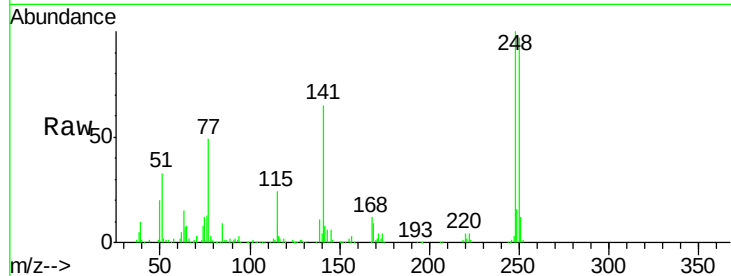




#67
4-Bromophenyl-phenylether
Concen: 39.437 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.02 min
Lab File: BG040362.D
Acq: 4 Apr 2019 16:36

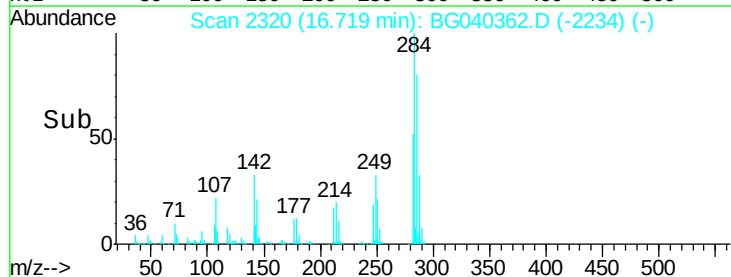
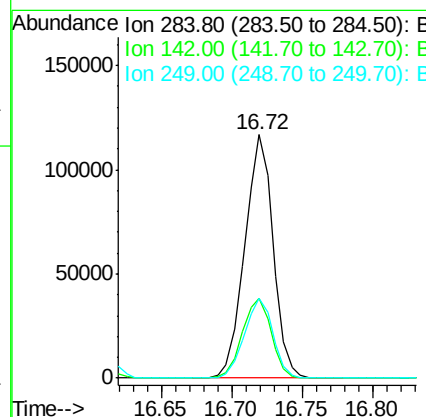
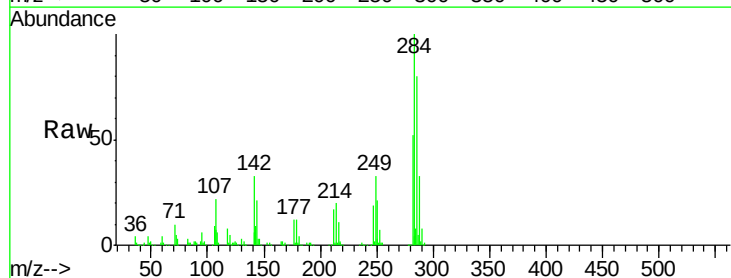
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

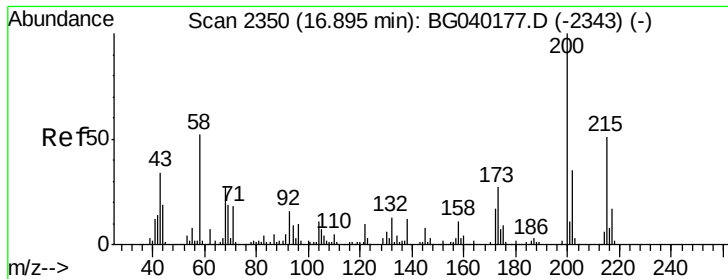
Tgt Ion:248 Resp: 162149
Ion Ratio Lower Upper
248 100
250 97.3 76.4 114.6
141 64.6 53.8 80.8



#68
Hexachlorobenzene
Concen: 39.592 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BG040362.D
Acq: 4 Apr 2019 16:36

Tgt Ion:284 Resp: 163675
Ion Ratio Lower Upper
284 100
142 32.7 25.3 37.9
249 32.7 28.2 42.2





#69

Atrazine

Concen: 39.693 ng

RT: 16.87 min Scan# 2346

Delta R.T. -0.02 min

Lab File: BG040362.D

Acq: 4 Apr 2019 16:36

Instrument :

BNA_G

ClientSampled :

SSTDCCC040

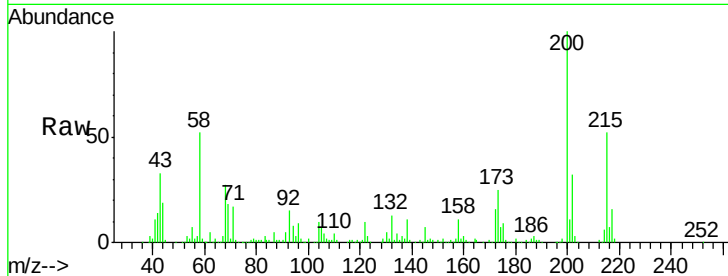
Tgt Ion:200 Resp: 157866

Ion Ratio Lower Upper

200 100

173 25.2 7.1 47.1

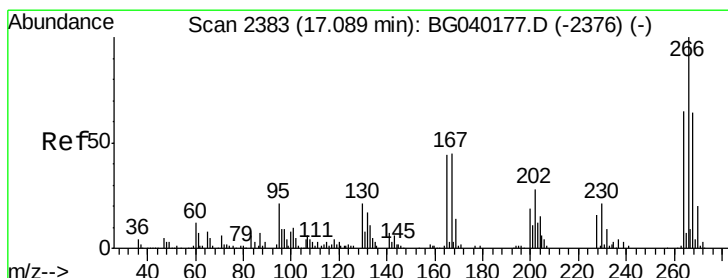
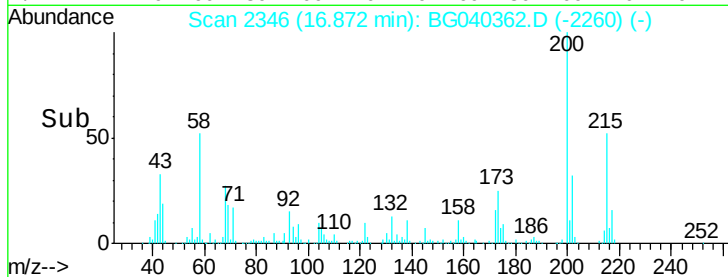
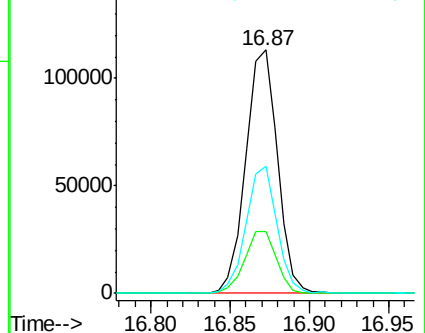
215 52.2 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 37.303 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.02 min

Lab File: BG040362.D

Acq: 4 Apr 2019 16:36

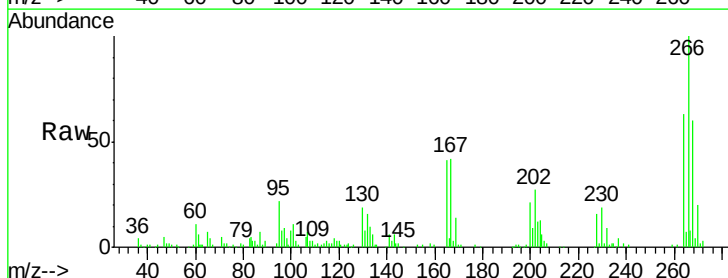
Tgt Ion:266 Resp: 89157

Ion Ratio Lower Upper

266 100

268 59.7 55.0 82.4

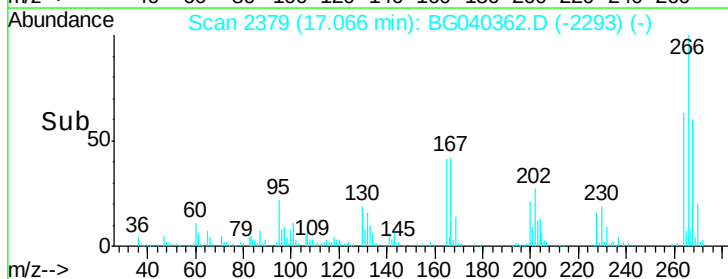
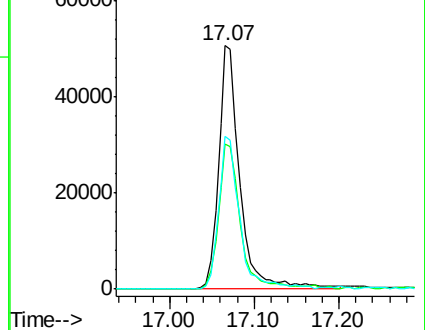
264 62.6 51.8 77.8

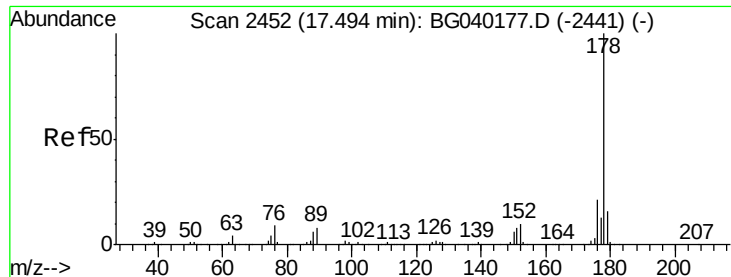


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

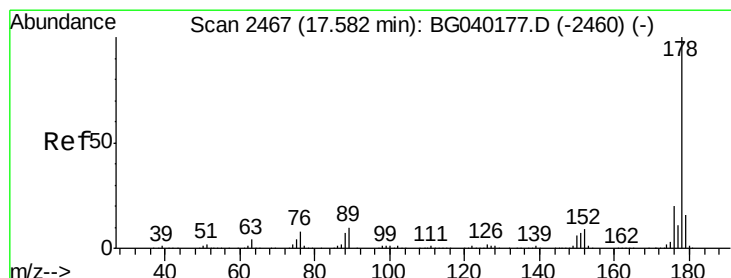
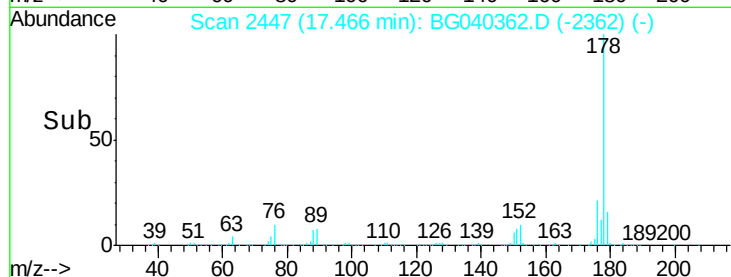
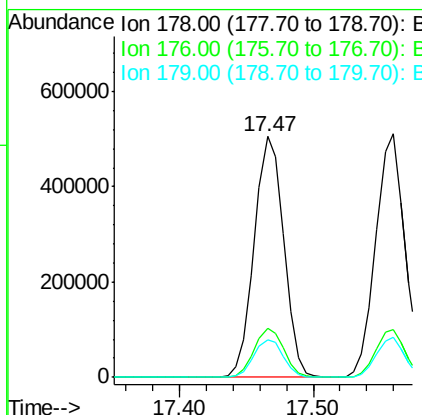
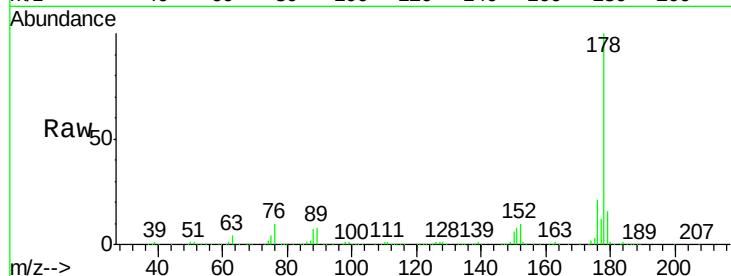




#71
 Phenanthrene
 Concen: 40.093 ng
 RT: 17.47 min Scan# 2447
 Delta R.T. -0.03 min
 Lab File: BG040362.D
 Acq: 4 Apr 2019 16:36

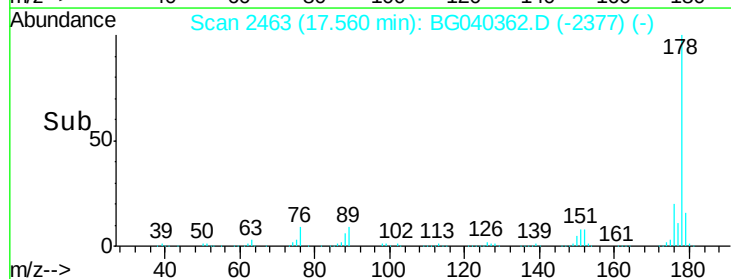
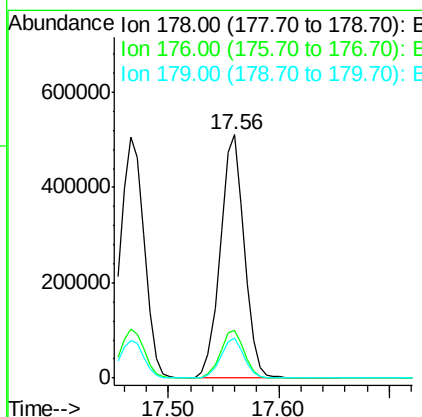
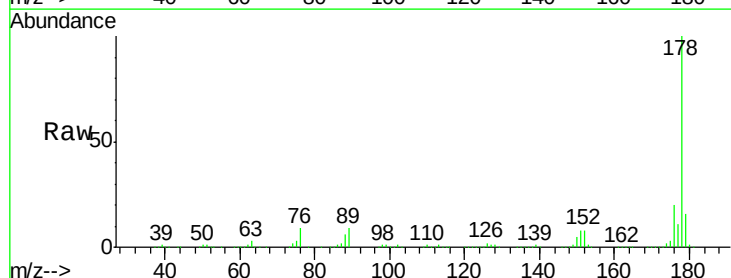
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

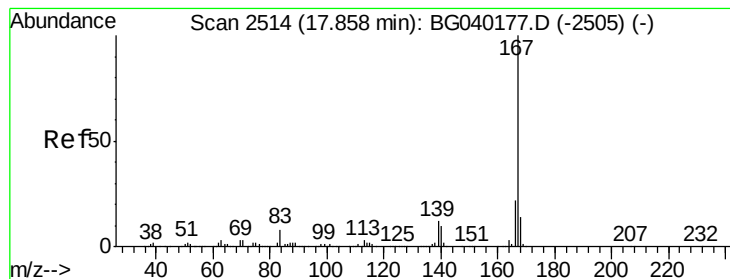
Tgt Ion:178 Resp: 769950
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.7 25.1
 179 15.7 12.8 19.2



#72
 Anthracene
 Concen: 40.008 ng
 RT: 17.56 min Scan# 2463
 Delta R.T. -0.02 min
 Lab File: BG040362.D
 Acq: 4 Apr 2019 16:36

Tgt Ion:178 Resp: 769033
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.9 23.9
 179 16.4 12.9 19.3





#73

Carbazole

Concen: 41.150 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.03 min

Lab File: BG040362.D

Acq: 4 Apr 2019 16:36

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

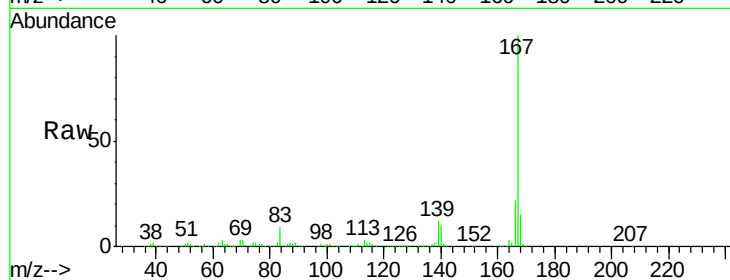
Tgt Ion:167 Resp: 748577

Ion Ratio Lower Upper

167 100

166 21.7 17.5 26.3

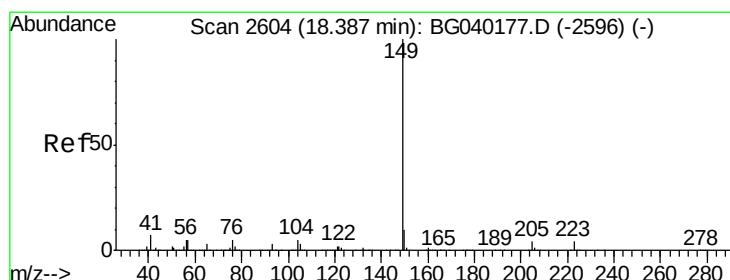
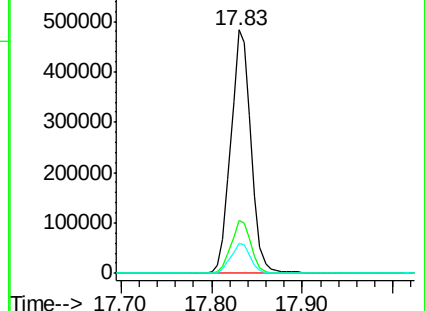
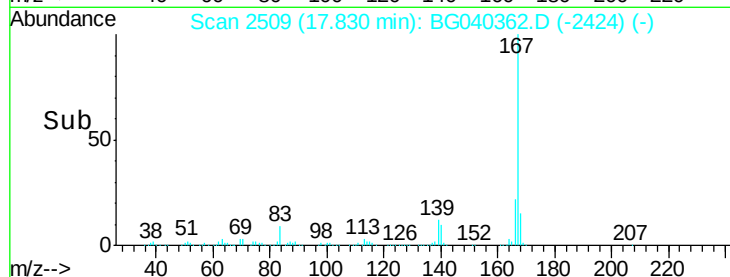
139 12.0 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.760 ng

RT: 18.36 min Scan# 2600

Delta R.T. -0.02 min

Lab File: BG040362.D

Acq: 4 Apr 2019 16:36

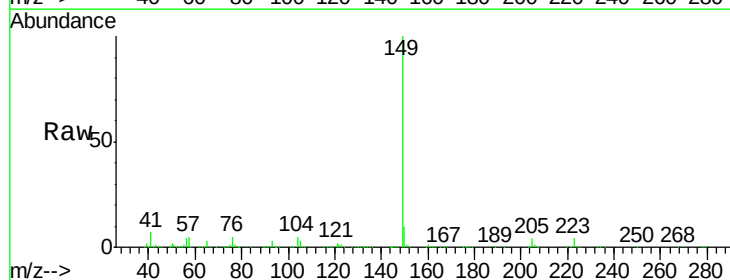
Tgt Ion:149 Resp: 878906

Ion Ratio Lower Upper

149 100

150 9.7 7.9 11.9

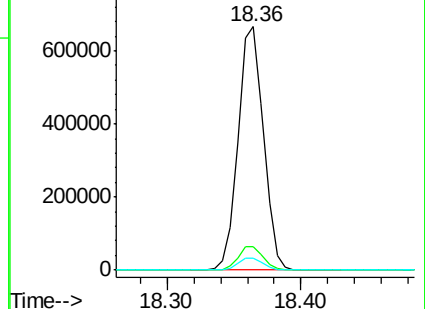
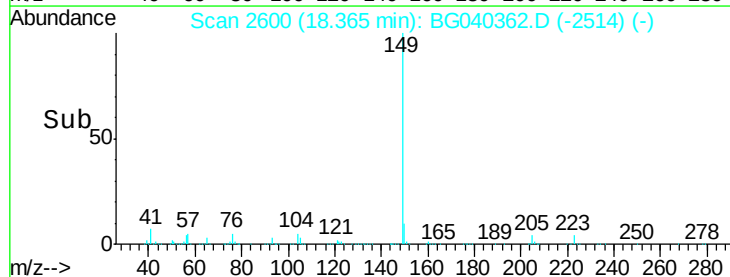
104 4.8 4.1 6.1

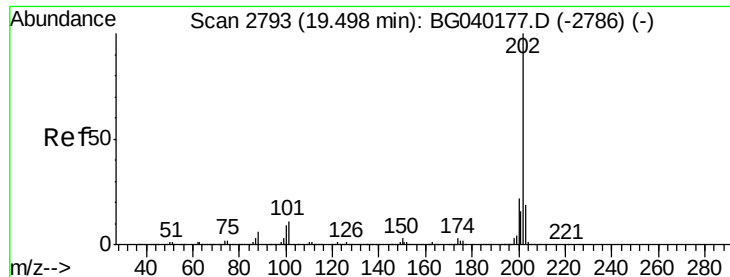


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.850 ng

RT: 19.48 min Scan# 2789

Delta R.T. -0.02 min

Lab File: BG040362.D

Acq: 4 Apr 2019 16:36

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

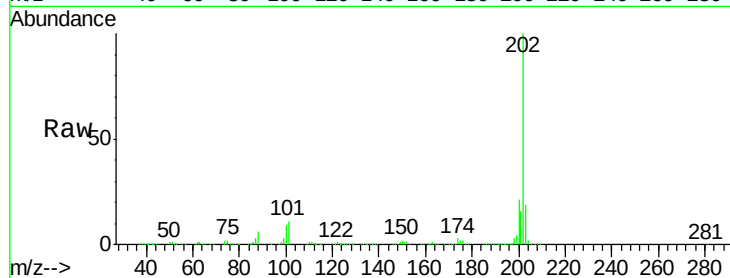
Tgt Ion:202 Resp: 951673

Ion Ratio Lower Upper

202 100

101 11.0 0.0 30.8

203 19.1 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

800000

600000

400000

200000

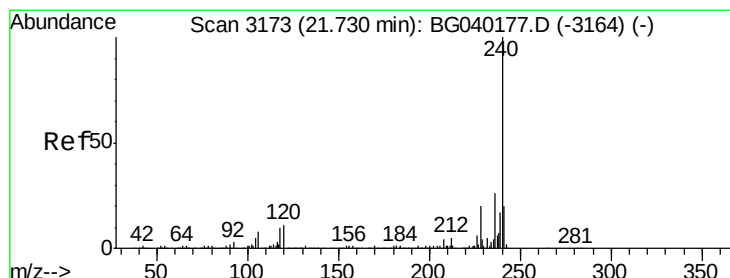
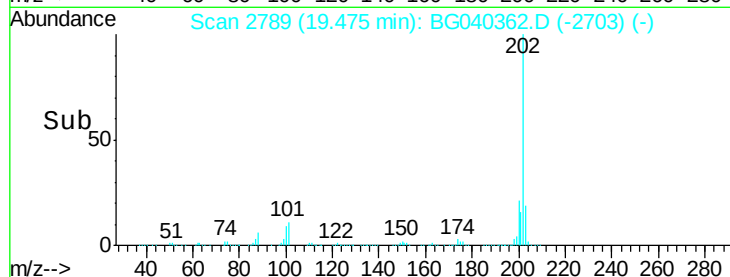
0

19.48

19.40

19.50

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.03 min

Lab File: BG040362.D

Acq: 4 Apr 2019 16:36

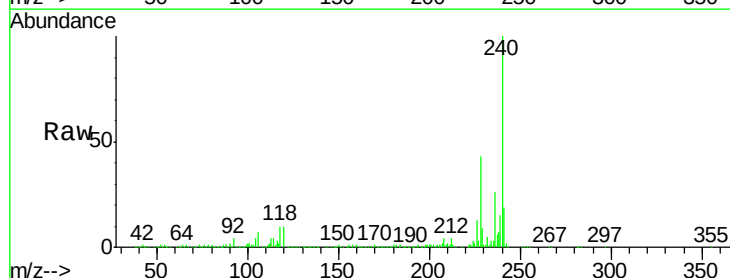
Tgt Ion:240 Resp: 386752

Ion Ratio Lower Upper

240 100

120 10.1 8.4 12.6

236 26.2 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

300000

200000

100000

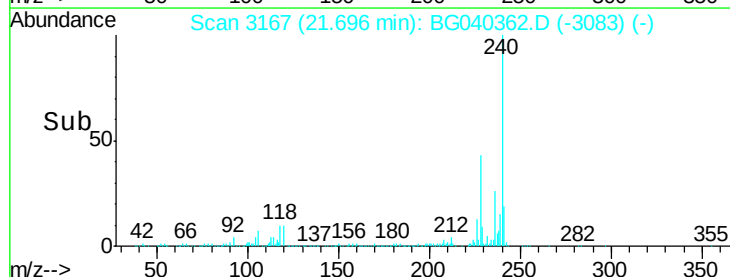
0

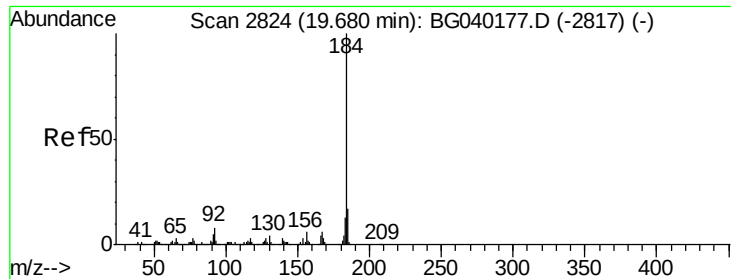
21.70

21.60

21.80

Time-->





#77

Benzidine

Concen: 33.773 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BG040362.D

Acq: 4 Apr 2019 16:36

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

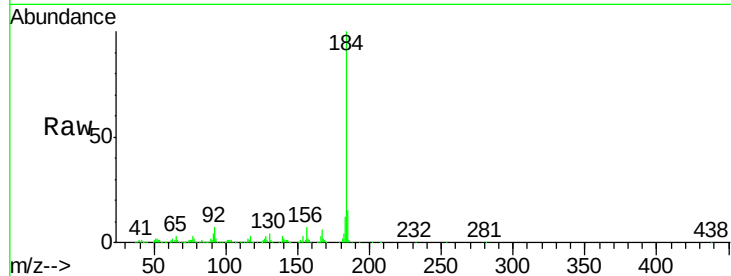
Tgt Ion:184 Resp: 471669

Ion Ratio Lower Upper

184 100

185 15.5 13.3 19.9

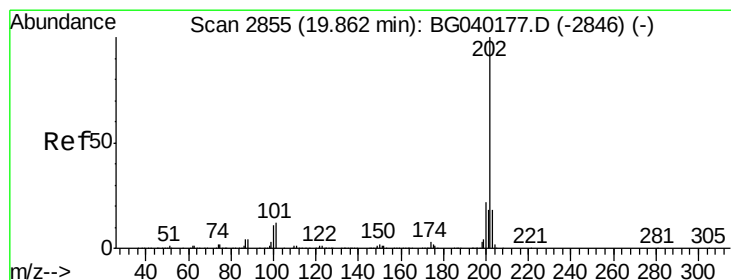
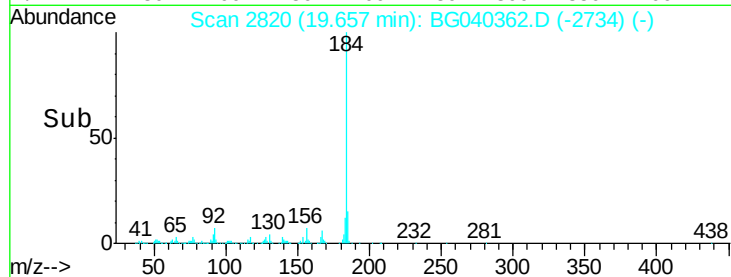
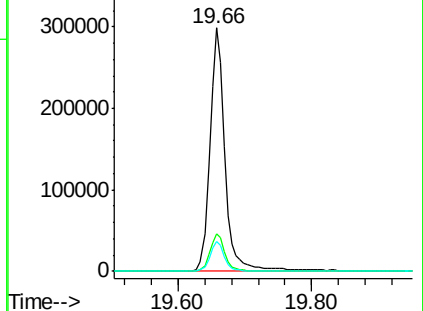
183 12.1 10.3 15.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.211 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.03 min

Lab File: BG040362.D

Acq: 4 Apr 2019 16:36

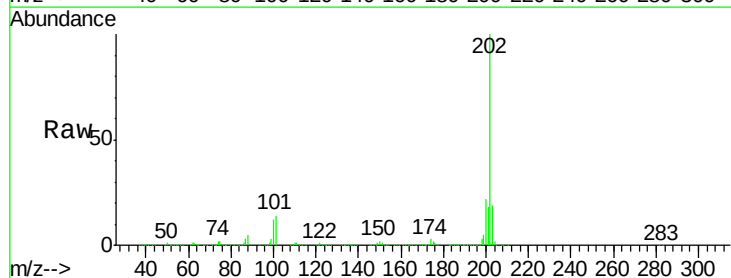
Tgt Ion:202 Resp: 971832

Ion Ratio Lower Upper

202 100

200 21.7 17.3 25.9

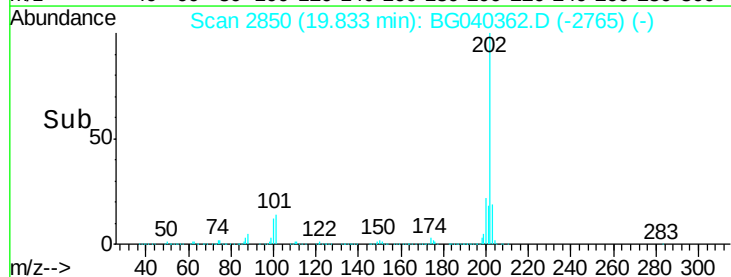
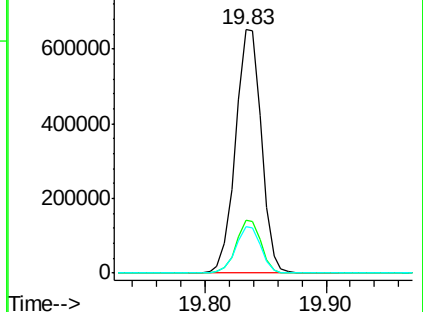
203 19.0 14.6 22.0

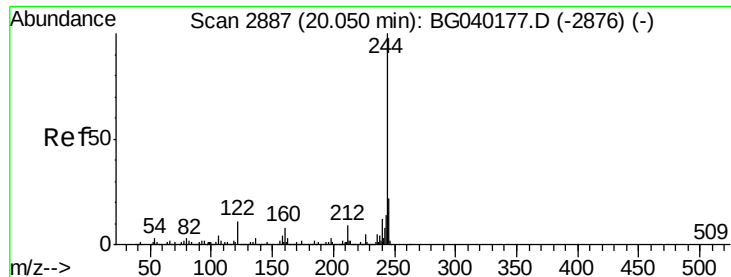


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.365 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040362.D

Acq: 4 Apr 2019 16:36

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

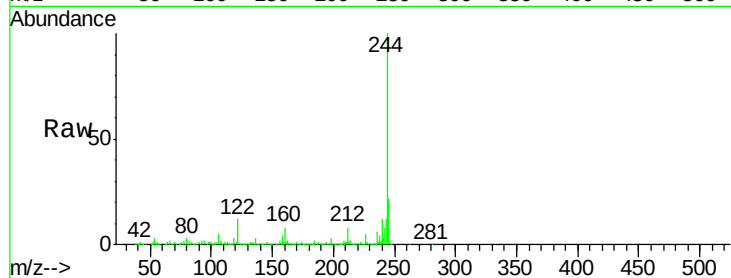
Tgt Ion:244 Resp: 1295648

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

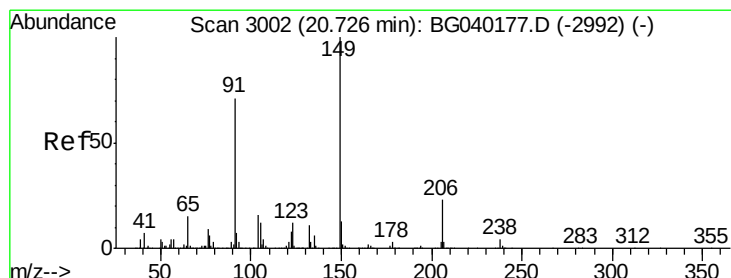
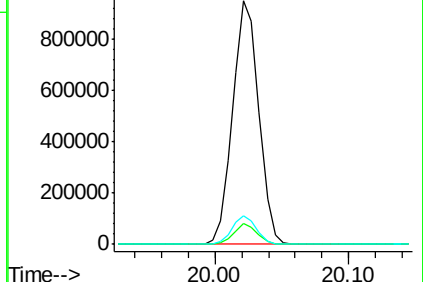
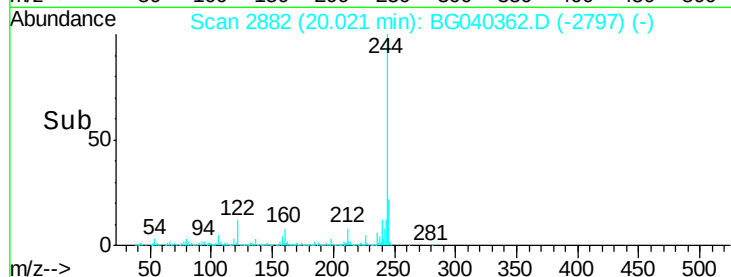
122 11.9 8.5 12.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.759 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.02 min

Lab File: BG040362.D

Acq: 4 Apr 2019 16:36

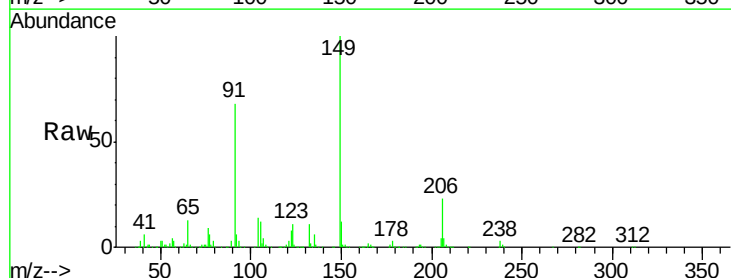
Tgt Ion:149 Resp: 421826

Ion Ratio Lower Upper

149 100

91 68.4 57.0 85.4

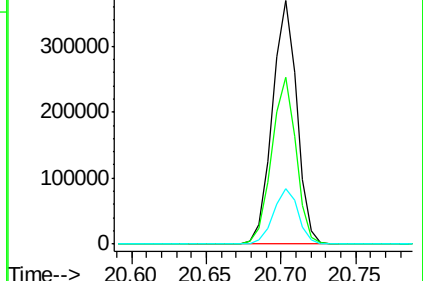
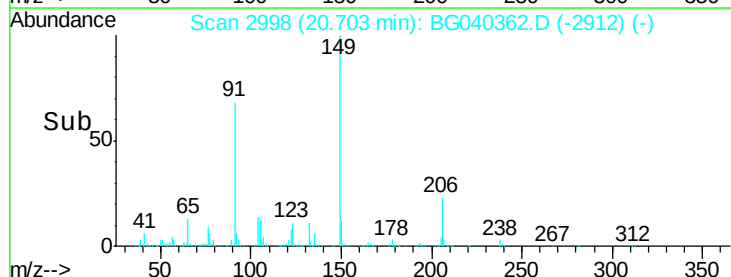
206 23.0 18.2 27.4

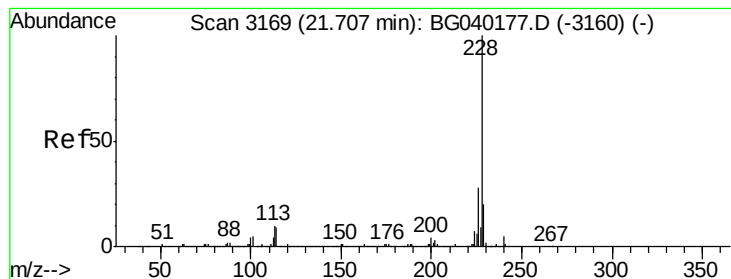


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.271 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.03 min

Lab File: BG040362.D

Acq: 4 Apr 2019 16:36

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

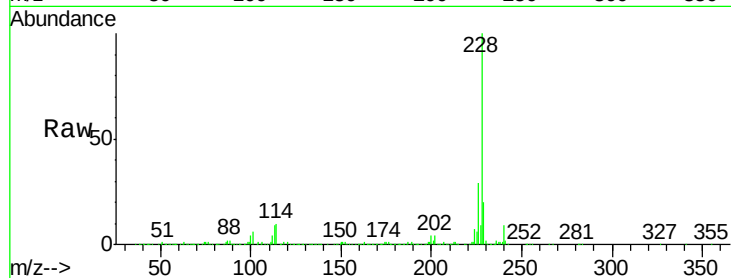
Tgt Ion:228 Resp: 935503

Ion Ratio Lower Upper

228 100

226 28.8 22.6 34.0

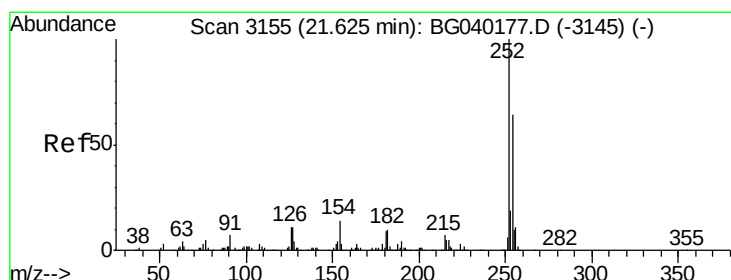
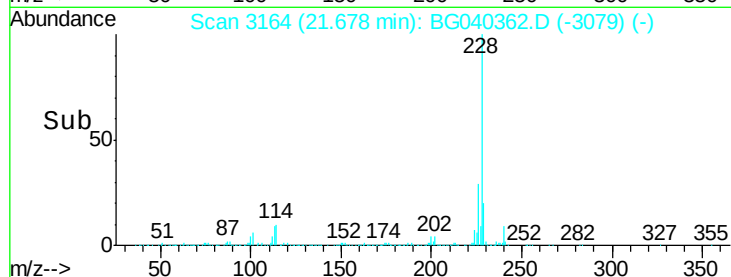
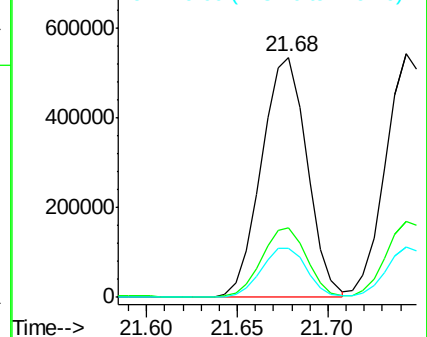
229 20.5 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.998 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.03 min

Lab File: BG040362.D

Acq: 4 Apr 2019 16:36

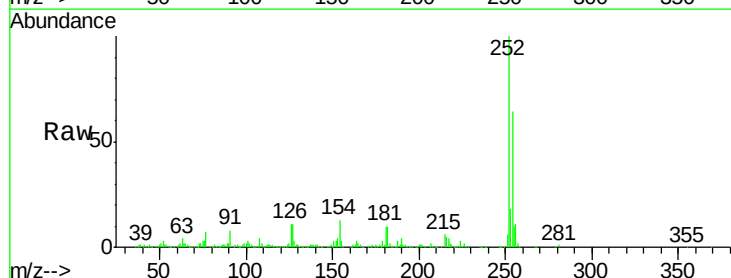
Tgt Ion:252 Resp: 353398

Ion Ratio Lower Upper

252 100

254 63.7 51.4 77.2

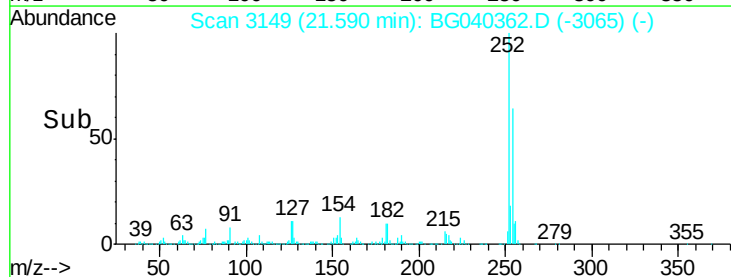
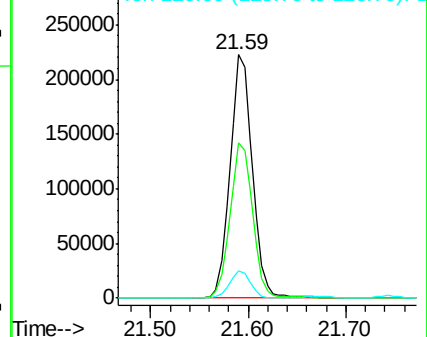
126 11.2 8.5 12.7

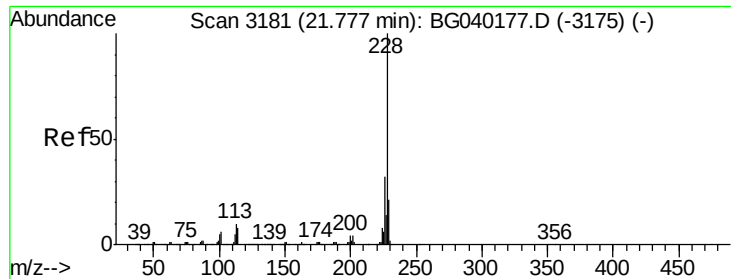


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.496 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.03 min

Lab File: BG040362.D

Acq: 4 Apr 2019 16:36

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

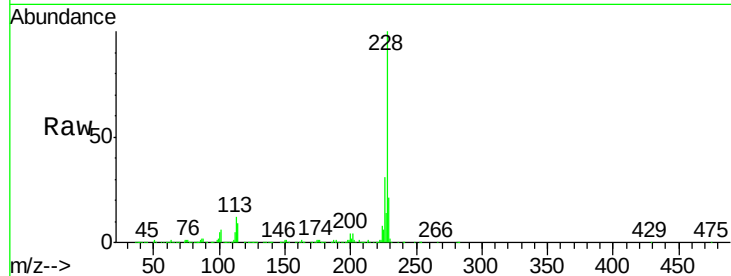
Tgt Ion:228 Resp: 904221

Ion Ratio Lower Upper

228 100

226 31.4 25.4 38.0

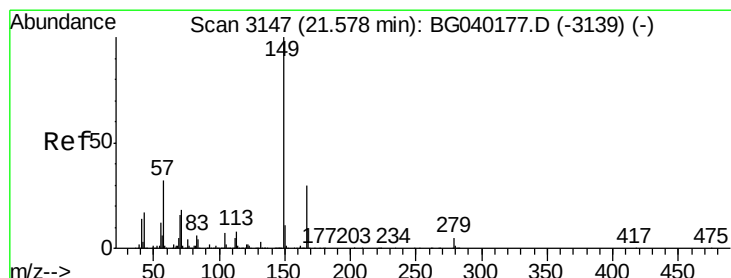
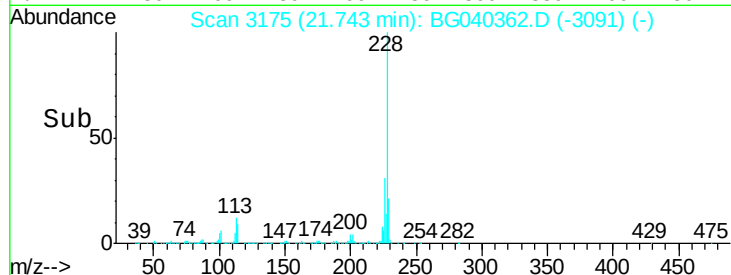
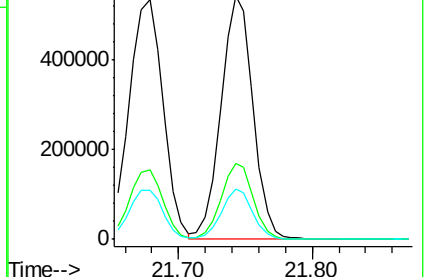
229 20.7 17.0 25.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.920 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.03 min

Lab File: BG040362.D

Acq: 4 Apr 2019 16:36

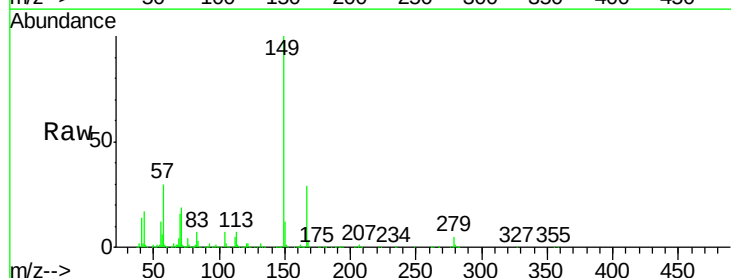
Tgt Ion:149 Resp: 605487

Ion Ratio Lower Upper

149 100

167 29.4 24.1 36.1

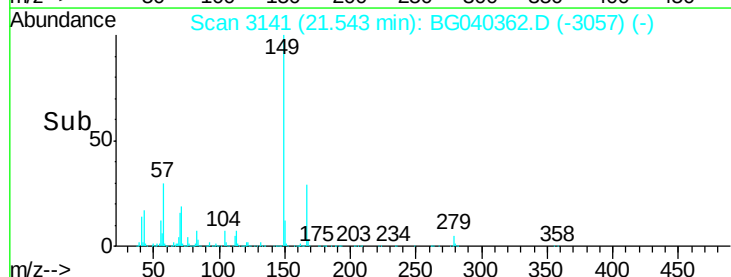
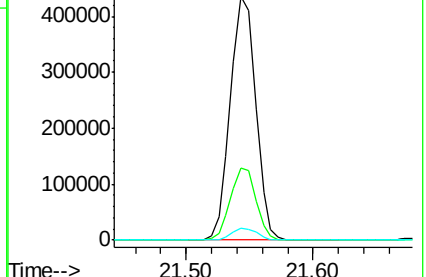
279 5.2 4.1 6.1

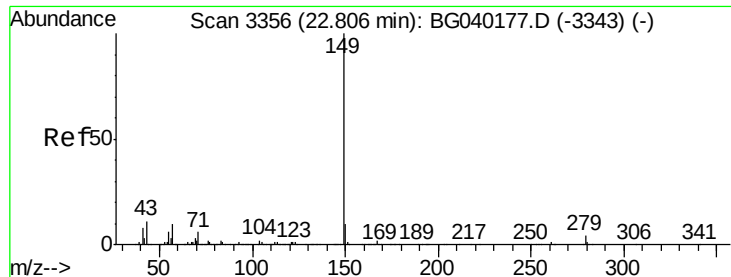


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

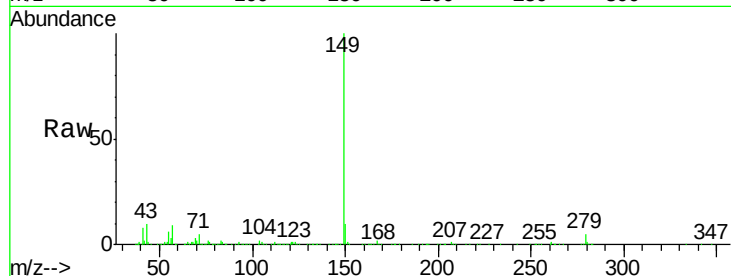




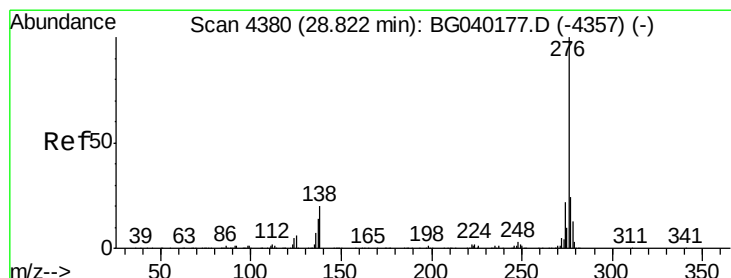
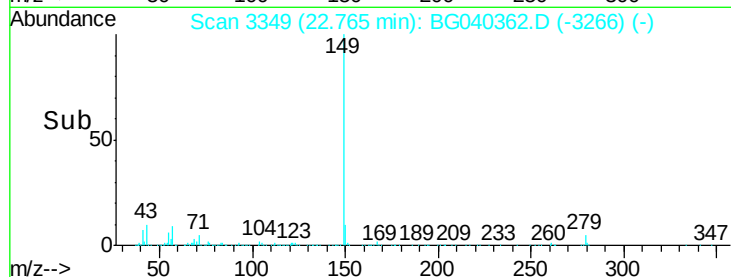
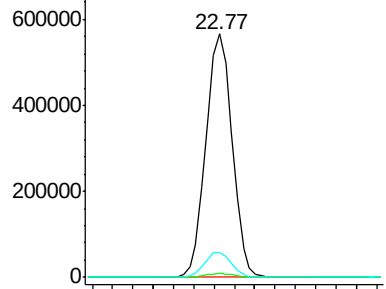
#85
Di-n-octyl phthalate
Concen: 38.443 ng
RT: 22.77 min Scan# 3349
Delta R.T. -0.04 min
Lab File: BG040362.D
Acq: 4 Apr 2019 16:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 1018969
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.4 8.7 13.1

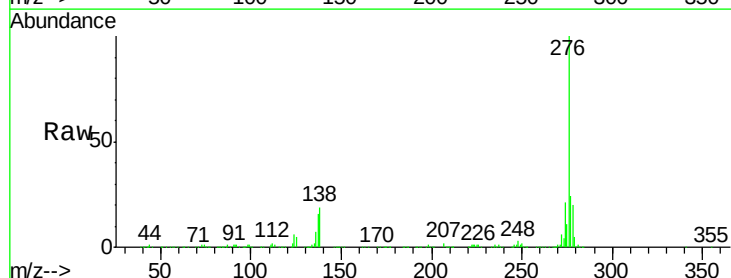


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

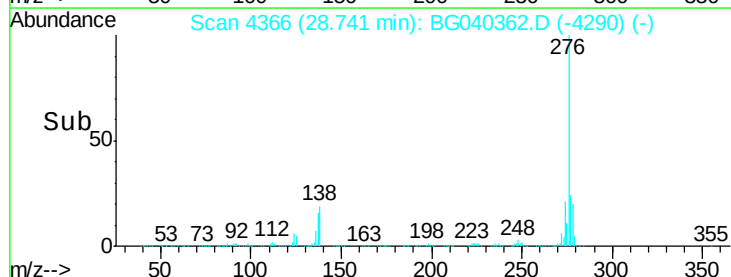
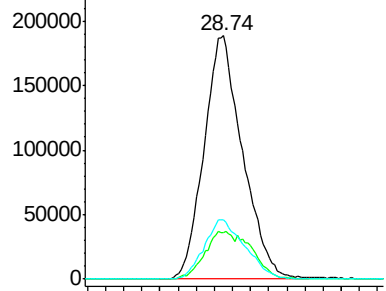


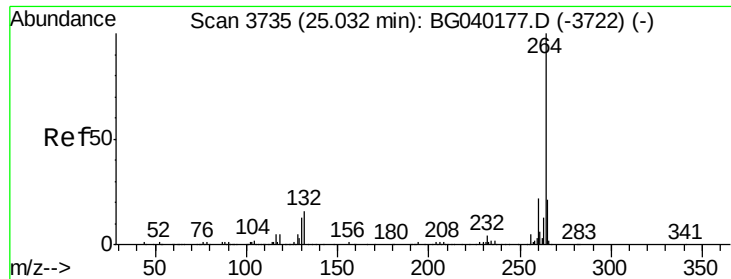
#86
Indeno(1,2,3-cd)pyrene
Concen: 39.890 ng
RT: 28.74 min Scan# 4366
Delta R.T. -0.08 min
Lab File: BG040362.D
Acq: 4 Apr 2019 16:36

Tgt Ion:276 Resp: 1116972
Ion Ratio Lower Upper
276 100
138 14.3 18.8 28.2#
277 25.7 21.0 31.4



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

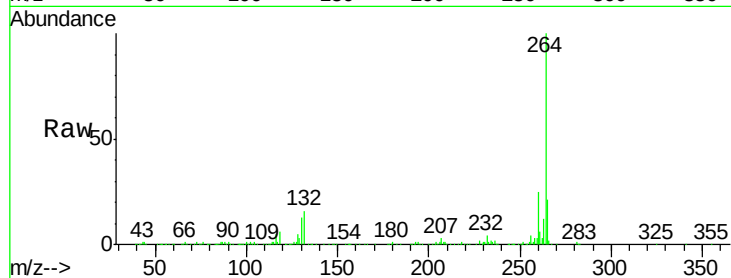




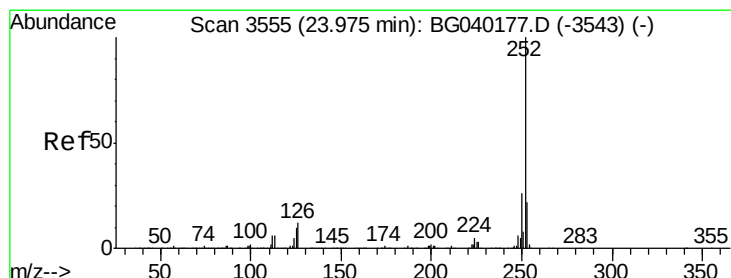
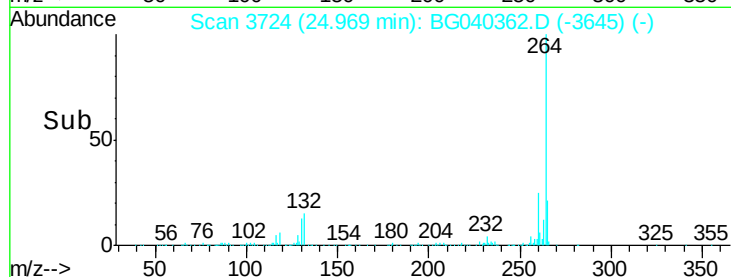
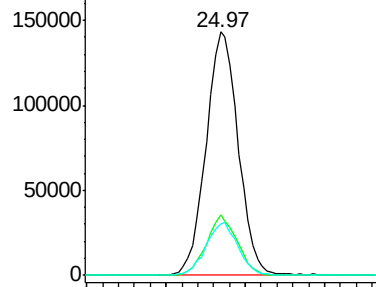
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3724
Delta R.T. -0.06 min
Lab File: BG040362.D
Acq: 4 Apr 2019 16:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 264 Resp: 402772
Ion Ratio Lower Upper
264 100
260 24.6 17.9 26.9
265 21.0 16.8 25.2

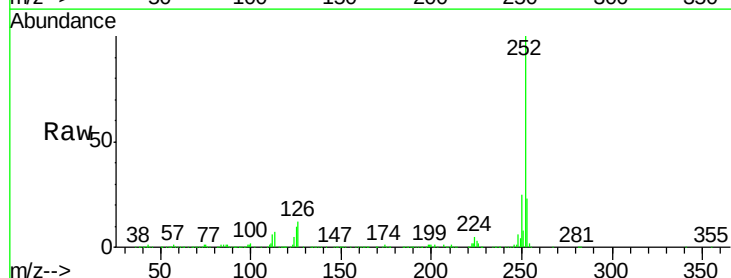


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

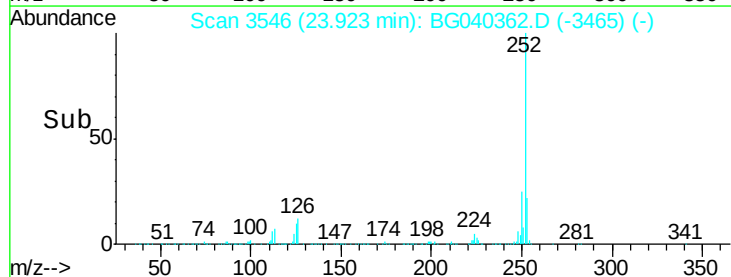
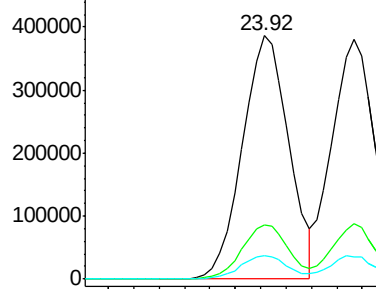


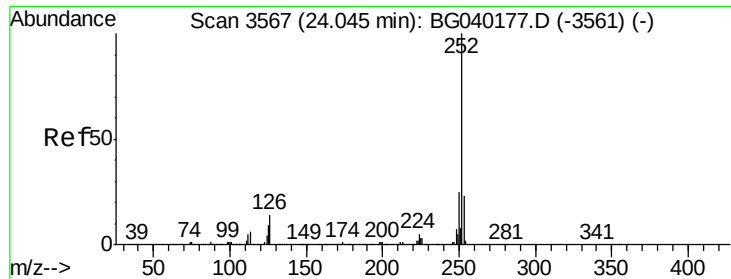
#88
Benzo(b)fluoranthene
Concen: 39.830 ng
RT: 23.92 min Scan# 3546
Delta R.T. -0.05 min
Lab File: BG040362.D
Acq: 4 Apr 2019 16:36

Tgt Ion: 252 Resp: 982173
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 9.8 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 39.728 ng

RT: 23.99 min Scan# 3558

Delta R.T. -0.05 min

Lab File: BG040362.D

Acq: 4 Apr 2019 16:36

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

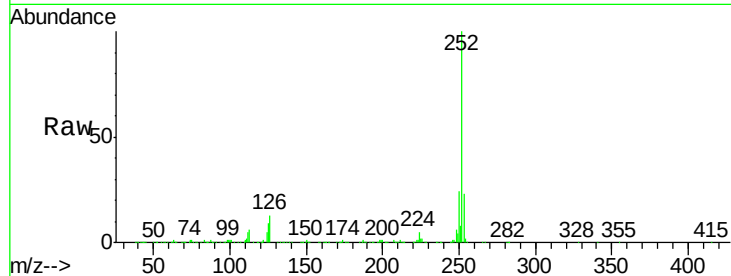
Tgt Ion:252 Resp: 900909

Ion Ratio Lower Upper

252 100

253 22.9 18.6 28.0

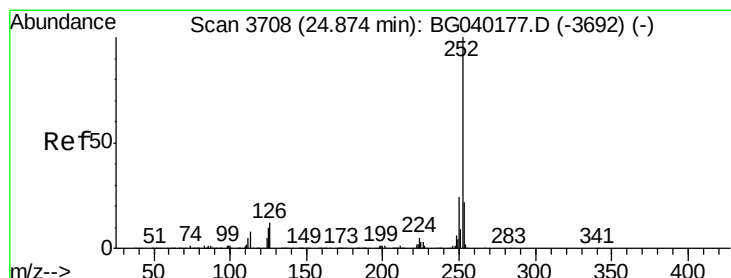
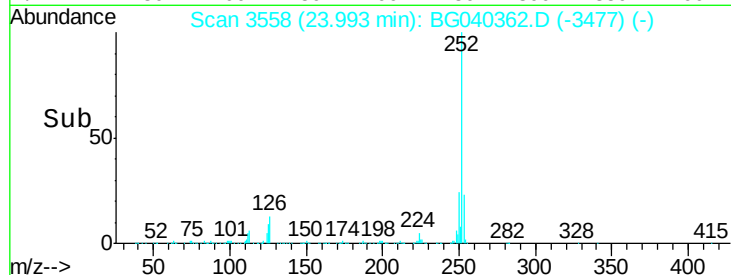
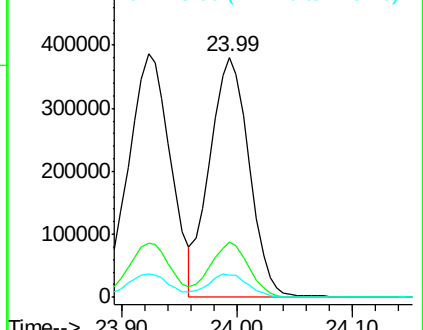
125 9.5 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.881 ng

RT: 24.82 min Scan# 3699

Delta R.T. -0.05 min

Lab File: BG040362.D

Acq: 4 Apr 2019 16:36

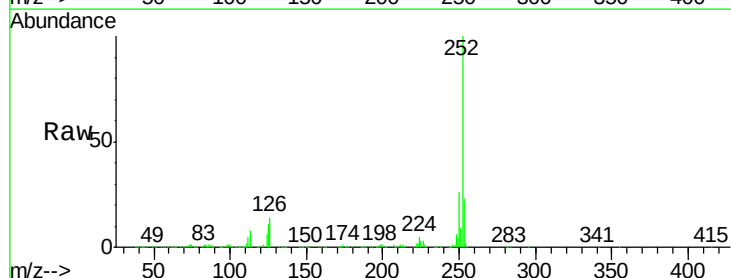
Tgt Ion:252 Resp: 922711

Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.8

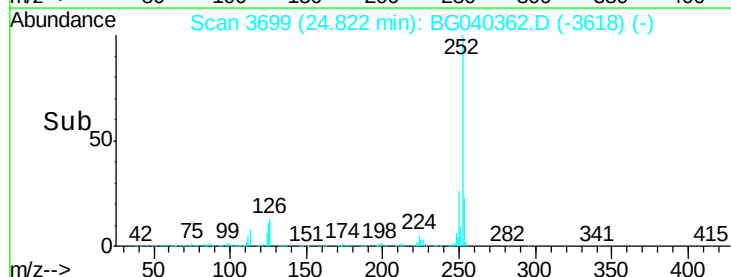
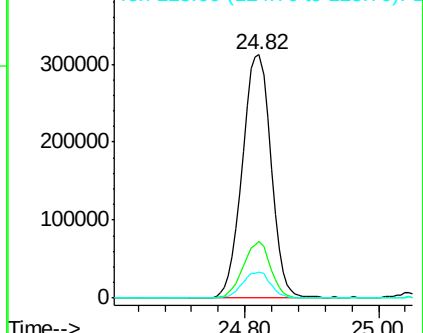
125 10.8 8.3 12.5

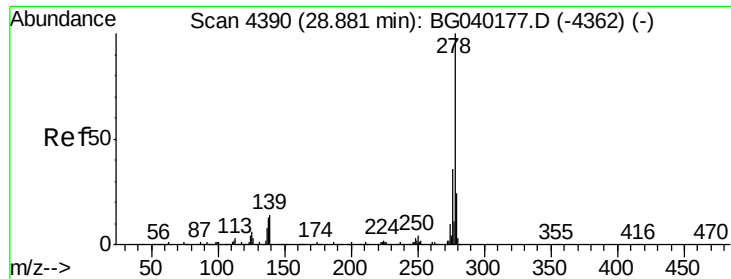


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

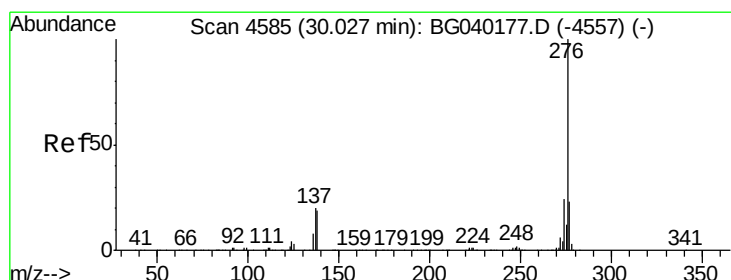
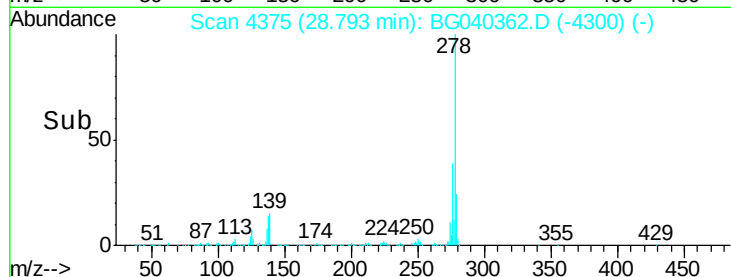
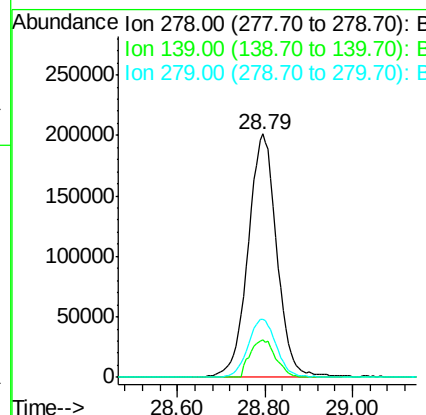
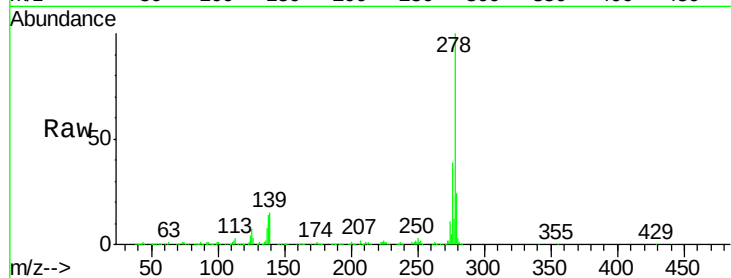




#91
Dibenzo(a,h)anthracene
Concen: 41.376 ng
RT: 28.79 min Scan# 4375
Delta R.T. -0.09 min
Lab File: BG040362.D
Acq: 4 Apr 2019 16:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 278 Resp: 889106
Ion Ratio Lower Upper
278 100
139 15.5 11.2 16.8
279 23.6 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 41.035 ng
RT: 29.92 min Scan# 4566
Delta R.T. -0.11 min
Lab File: BG040362.D
Acq: 4 Apr 2019 16:36

Tgt Ion: 276 Resp: 906198
Ion Ratio Lower Upper
276 100
277 23.2 18.6 28.0
138 19.2 15.2 22.8

