

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
 Data File : BG039751.D
 Acq On : 5 Mar 2019 4:39
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 05 06:30:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	47830	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	229547	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	152272	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	358634	20.00	ng	0.00
76) Chrysene-d12	21.82	240	356285	20.00	ng	0.00
87) Perylene-d12	25.19	264	369981	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.70	112	236673	84.42	ng	-0.01
7) Phenol-d6	7.30	99	353697	84.61	ng	-0.01
23) Nitrobenzene-d5	9.34	82	348220	82.04	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	147898	83.33	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	846647	79.17	ng	0.00
79) Terphenyl-d14	20.12	244	1258616	77.78	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.59	88	52565	40.611	ng	93
3) Pyridine	3.99	79	152514	44.013	ng	95
4) n-Nitrosodimethylamine	3.92	42	71773	43.661	ng	81
6) Aniline	7.48	93	229502	41.904	ng	99
8) 2-Chlorophenol	7.72	128	139563	41.032	ng	96
9) Benzaldehyde	7.30	77	114194	42.348	ng	98
10) Phenol	7.33	94	190564	42.079	ng	96
11) bis(2-Chloroethyl)ether	7.58	93	145504	41.209	ng	97
12) 1,3-Dichlorobenzene	8.05	146	157273	40.884	ng	97
13) 1,4-Dichlorobenzene	8.19	146	159008	40.581	ng	99
14) 1,2-Dichlorobenzene	8.52	146	152176	40.196	ng	97
15) Benzyl Alcohol	8.39	79	140483	42.364	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.67	45	289733	41.028	ng	99
17) 2-Methylphenol	8.59	107	122533	42.433	ng	94
18) Hexachloroethane	9.24	117	57551	40.934	ng	92
19) n-Nitroso-di-n-propylamine	8.96	70	125823	41.817	ng	91
20) 3+4-Methylphenols	8.92	107	170304	42.453	ng	96
22) Acetophenone	8.99	105	244810	39.736	ng	# 94
24) Nitrobenzene	9.38	77	182993	41.099	ng	99
25) Isophorone	9.89	82	359113	40.381	ng	99
26) 2-Nitrophenol	10.08	139	89407	41.589	ng	96
27) 2,4-Dimethylphenol	10.13	122	137323	41.072	ng	97
28) bis(2-Chloroethoxy)methane	10.37	93	212698	39.357	ng	98
29) 2,4-Dichlorophenol	10.62	162	156535	41.583	ng	96
30) 1,2,4-Trichlorobenzene	10.84	180	168181	39.703	ng	98
31) Naphthalene	11.03	128	479321	39.439	ng	99
32) Benzoic acid	10.27	122	87528	39.485	ng	96
33) 4-Chloroaniline	11.14	127	207820	40.325	ng	98
34) Hexachlorobutadiene	11.29	225	111415	38.491	ng	96
35) Caprolactam	11.93	113	58662	40.795	ng	92
36) 4-Chloro-3-methylphenol	12.24	107	175877	40.758	ng	97
37) 2-Methylnaphthalene	12.62	142	363176	39.969	ng	97
38) 1-Methylnaphthalene	12.84	142	350858	39.734	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	207838	40.290	ng	99

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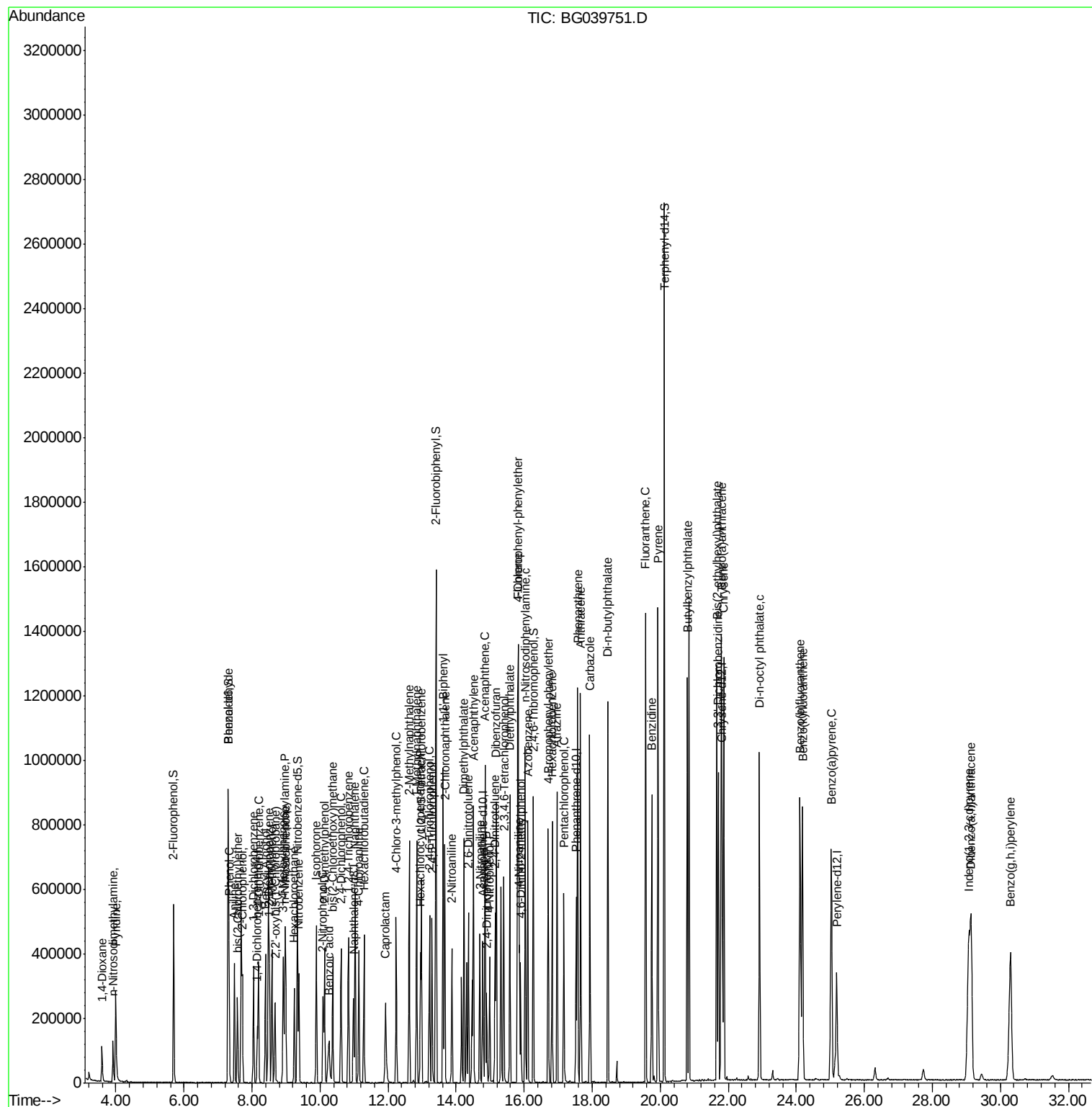
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	116268	42.057	ng	99
43) 2,4,6-Trichlorophenol	13.22	196	129479	42.872	ng	97
44) 2,4,5-Trichlorophenol	13.29	196	140996	41.418	ng	98
46) 1,1'-Biphenyl	13.62	154	504153	40.254	ng	99
47) 2-Chloronaphthalene	13.67	162	382391	40.586	ng	99
48) 2-Nitroaniline	13.87	65	130839	43.211	ng	96
49) Acenaphthylene	14.51	152	627125	40.546	ng	100
50) Dimethylphthalate	14.23	163	509568	40.020	ng	100
51) 2,6-Dinitrotoluene	14.36	165	113424	42.020	ng	98
52) Acenaphthene	14.85	154	373064	40.075	ng	99
53) 3-Nitroaniline	14.69	138	115706	42.643	ng	# 95
54) 2,4-Dinitrophenol	14.89	184	61736	39.140	ng	98
55) Dibenzofuran	15.18	168	605585	39.650	ng	98
56) 4-Nitrophenol	14.98	139	99803	41.117	ng	91
57) 2,4-Dinitrotoluene	15.15	165	162352	42.805	ng	# 85
58) Fluorene	15.83	166	486310	40.502	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	141986	42.707	ng	97
60) Diethylphthalate	15.58	149	500531	39.710	ng	98
61) 4-Chlorophenyl-phenylether	15.81	204	255409	39.863	ng	95
62) 4-Nitroaniline	15.86	138	122295	41.574	ng	94
63) Azobenzene	16.10	77	458000	40.085	ng	98
65) 4,6-Dinitro-2-methylphenol	15.90	198	91350	43.080	ng	97
66) n-Nitrosodiphenylamine	16.03	169	431079	41.520	ng	98
67) 4-Bromophenyl-phenylether	16.71	248	167789	41.798	ng	95
68) Hexachlorobenzene	16.82	284	172838	41.537	ng	97
69) Atrazine	16.97	200	170535	41.735	ng	98
70) Pentachlorophenol	17.17	266	112897	42.960	ng	98
71) Phenanthrene	17.57	178	795174	40.254	ng	100
72) Anthracene	17.66	178	790152	41.047	ng	98
73) Carbazole	17.93	167	702855	40.501	ng	98
74) Di-n-butylphthalate	18.46	149	833799	40.836	ng	98
75) Fluoranthene	19.57	202	931763	39.912	ng	99
77) Benzidine	19.75	184	487630	43.130	ng	98
78) Pyrene	19.93	202	934352	40.358	ng	99
80) Butylbenzylphthalate	20.80	149	381360	42.517	ng	93
81) Benzo(a)anthracene	21.80	228	900448	40.326	ng	100
82) 3,3'-Dichlorobenzidine	21.71	252	339800	41.681	ng	100
83) Chrysene	21.87	228	855719	39.529	ng	100
84) Bis(2-ethylhexyl)phthalate	21.66	149	531184	42.143	ng	99
85) Di-n-octyl phthalate	22.92	149	893452	42.810	ng	96
86) Indeno(1,2,3-cd)pyrene	29.07	276	1016531	41.393	ng	# 93
88) Benzo(b)fluoranthene	24.11	252	904666	41.004	ng	98
89) Benzo(k)fluoranthene	24.18	252	820354	39.945	ng	99
90) Benzo(a)pyrene	25.03	252	839457	41.176	ng	99
91) Dibenzo(a,h)anthracene	29.14	278	809651	40.509	ng	98
92) Benzo(g,h,i)perylene	30.30	276	827443	41.221	ng	96

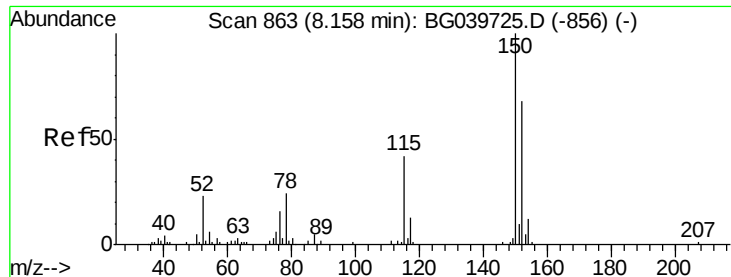
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

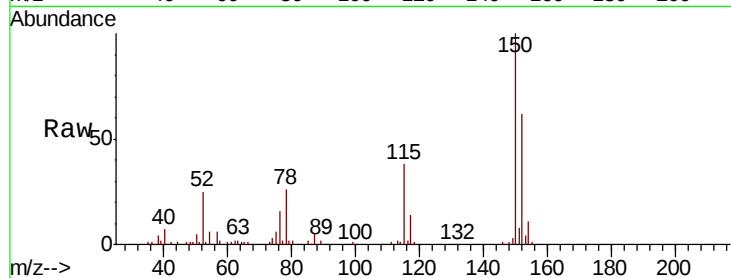
Tgt Ion:152 Resp: 47830

Ion Ratio Lower Upper

152 100

150 160.7 123.7 185.5

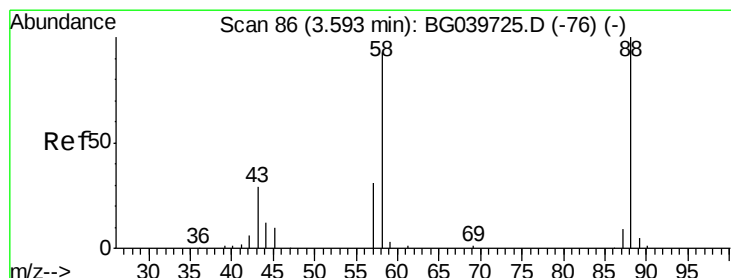
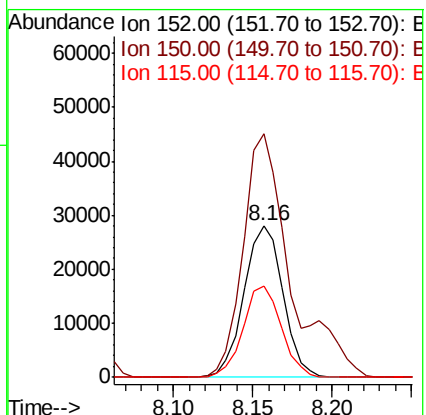
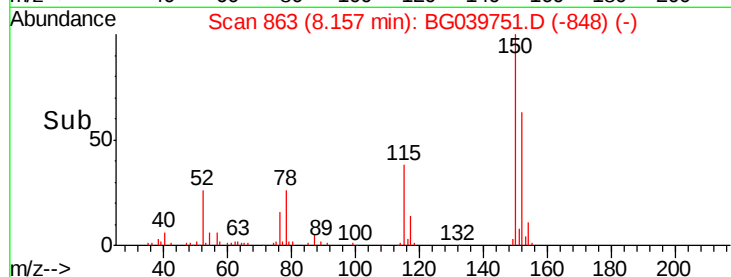
115 60.3 45.9 68.9



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: 40.611 ng

RT: 3.59 min Scan# 86

Delta R.T. -0.01 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

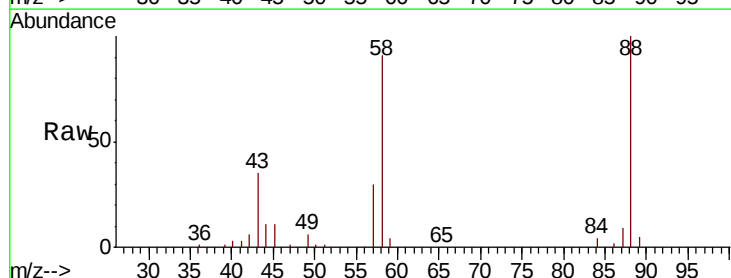
Tgt Ion: 88 Resp: 52565

Ion Ratio Lower Upper

88 100

58 94.8 81.1 121.7

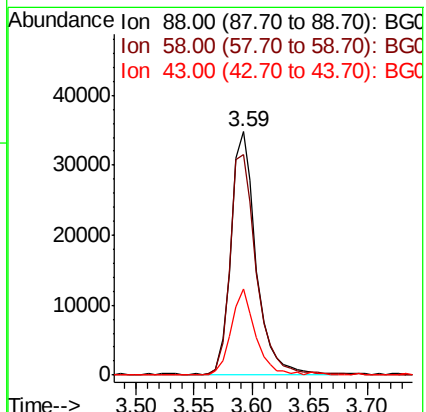
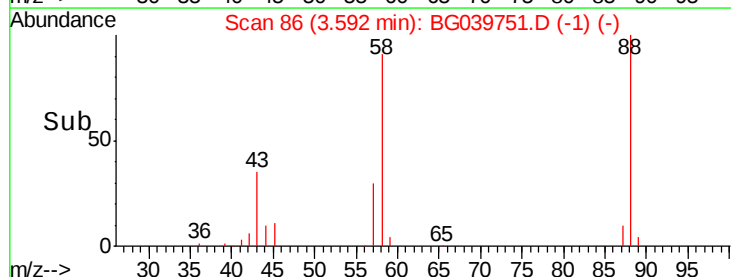
43 33.8 31.4 47.0



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: 44.013 ng

RT: 3.99 min Scan# 154

Delta R.T. -0.01 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

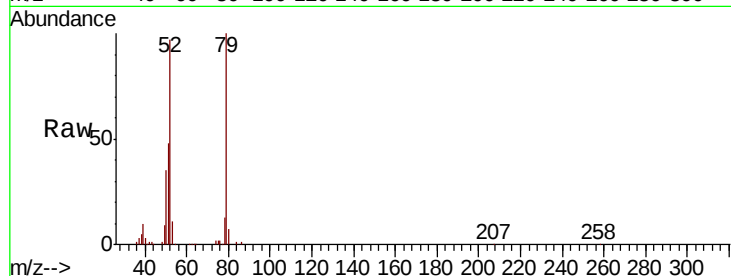
Tgt Ion: 79 Resp: 152514

Ion Ratio Lower Upper

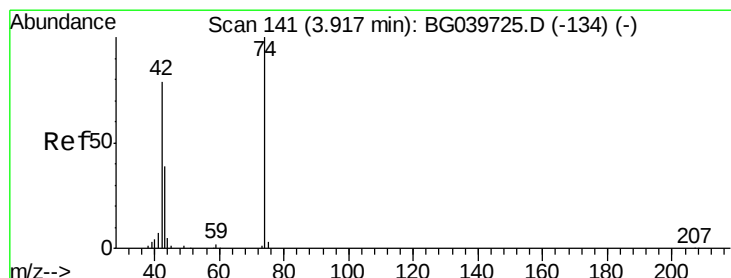
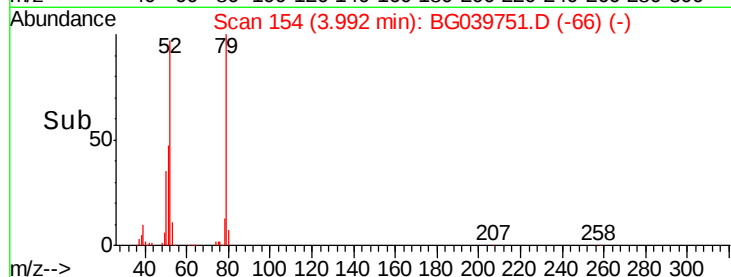
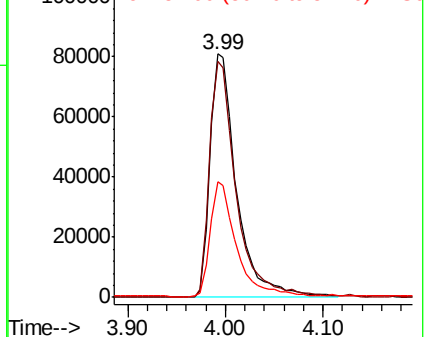
79 100

52 96.8 82.6 124.0

51 47.6 37.5 56.3



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



#4

n-Nitrosodimethylamine

Concen: 43.661 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.01 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

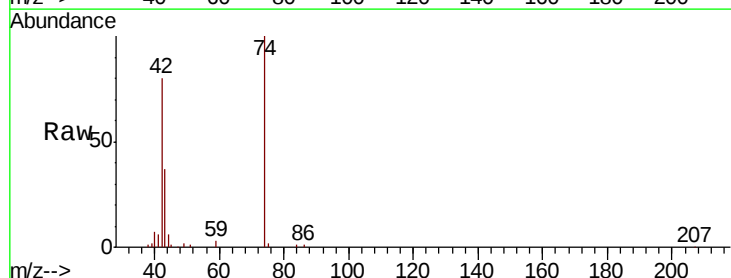
Tgt Ion: 42 Resp: 71773

Ion Ratio Lower Upper

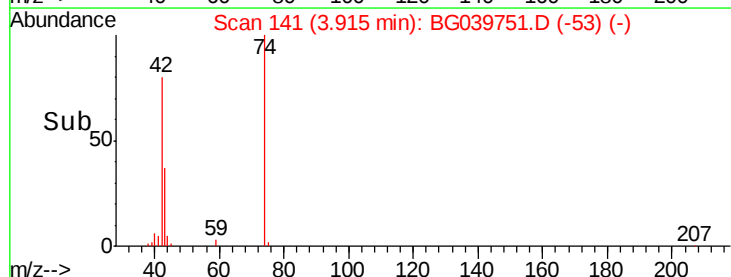
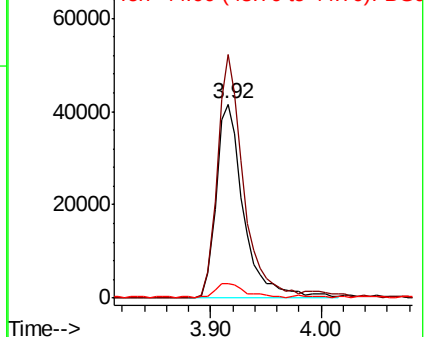
42 100

74 125.3 83.6 125.4

44 7.5 6.9 10.3



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: 84.417 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

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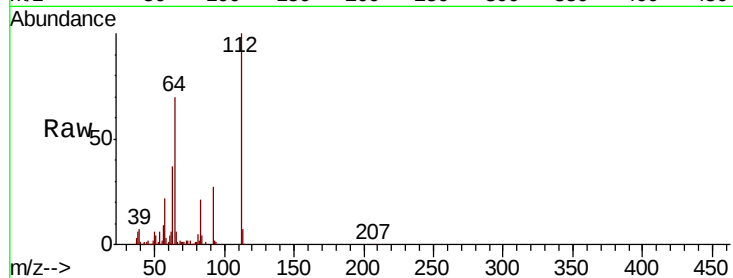
Tgt Ion: 112 Resp: 236673

Ion Ratio Lower Upper

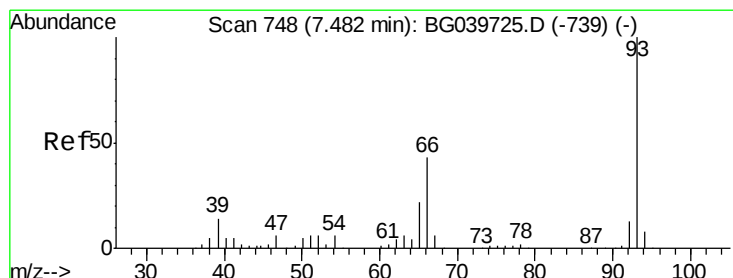
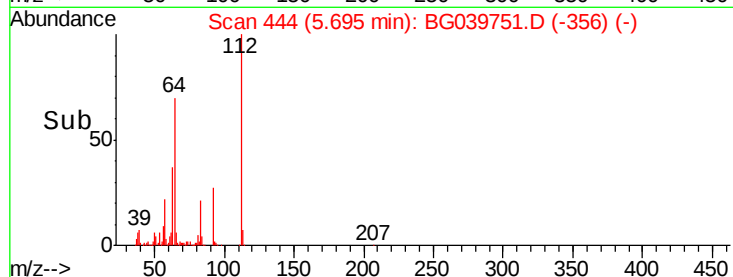
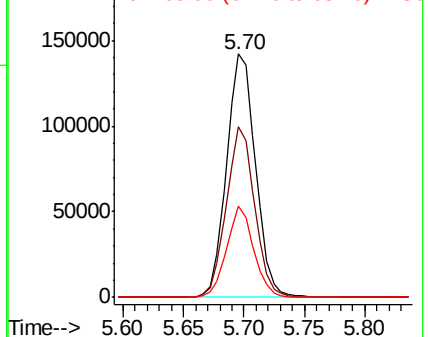
112 100

64 70.1 57.8 86.8

63 37.5 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 41.904 ng

RT: 7.48 min Scan# 748

Delta R.T. -0.01 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

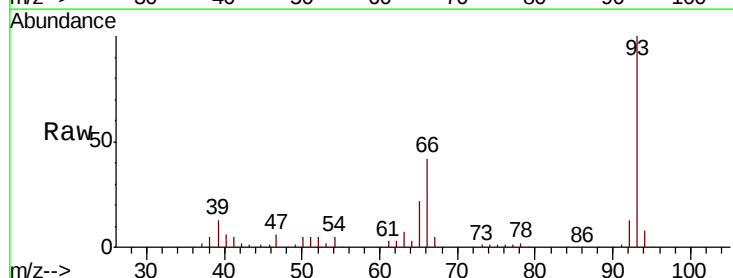
Tgt Ion: 93 Resp: 229502

Ion Ratio Lower Upper

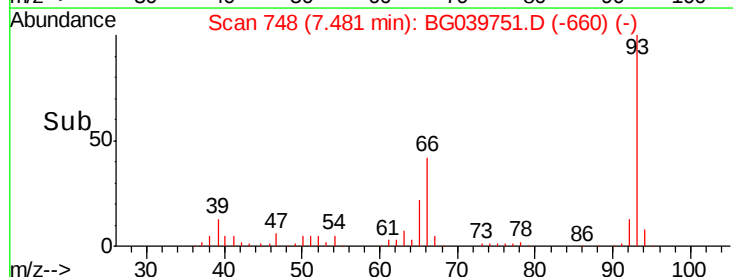
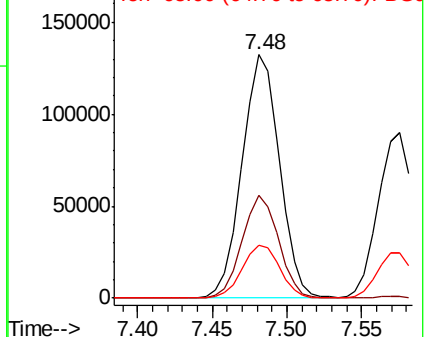
93 100

66 42.4 34.2 51.4

65 21.6 17.7 26.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 84.609 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

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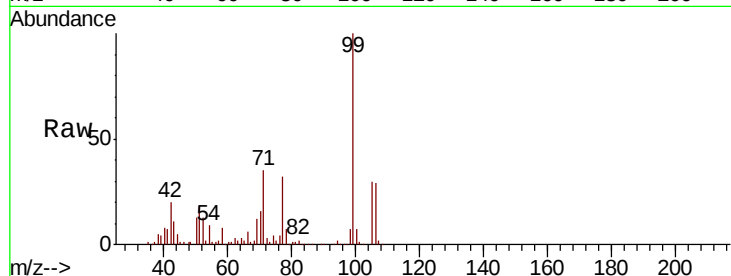
Tgt Ion: 99 Resp: 353697

Ion Ratio Lower Upper

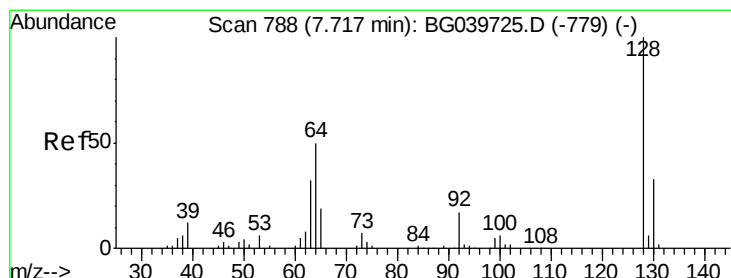
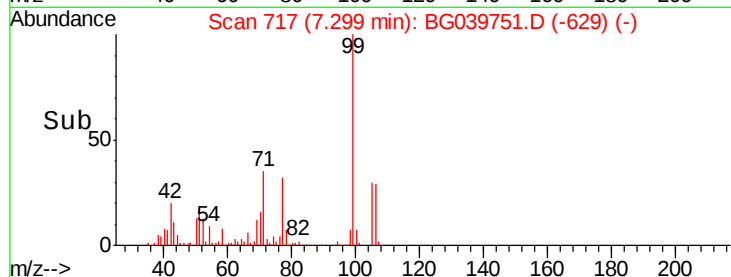
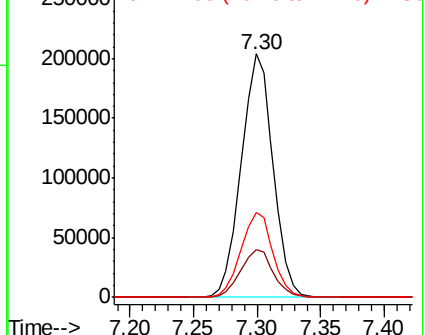
99 100

42 19.7 18.2 27.2

71 34.8 28.0 42.0



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



#8

2-Chlorophenol

Concen: 41.032 ng

RT: 7.72 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

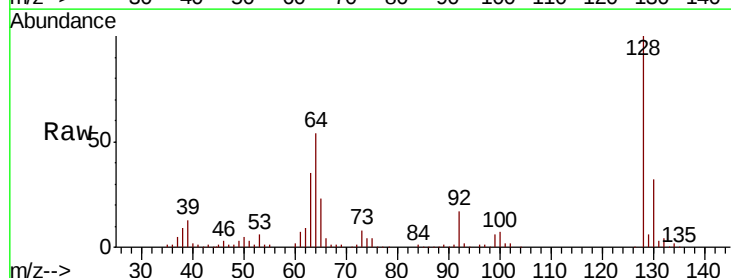
Tgt Ion: 128 Resp: 139563

Ion Ratio Lower Upper

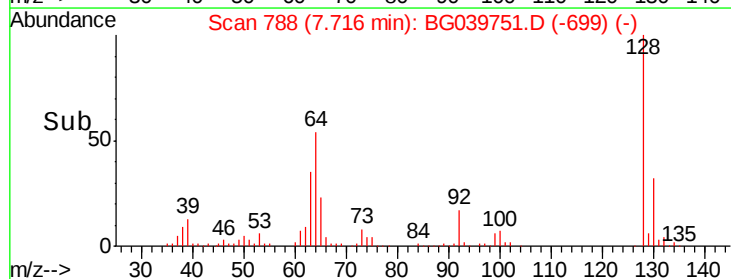
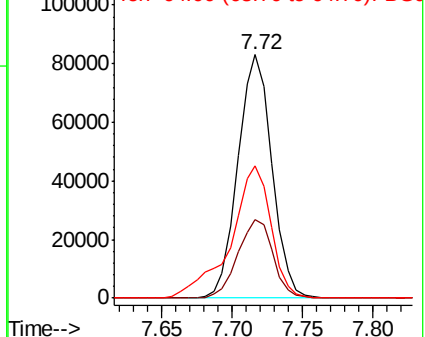
128 100

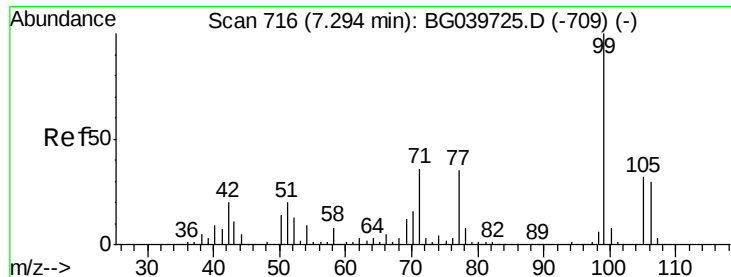
130 32.4 12.9 52.9

64 54.1 38.7 78.7



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: 42.348 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

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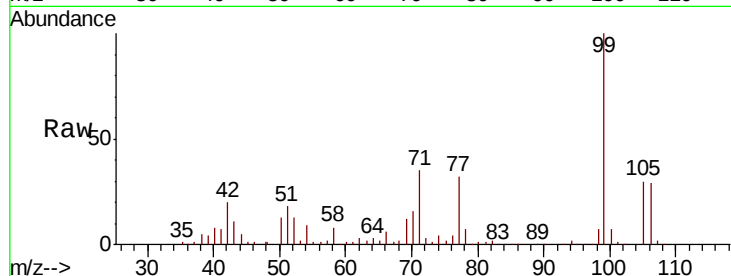
Tgt Ion: 77 Resp: 114194

Ion Ratio Lower Upper

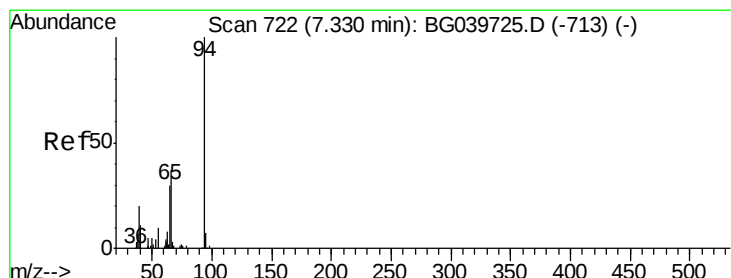
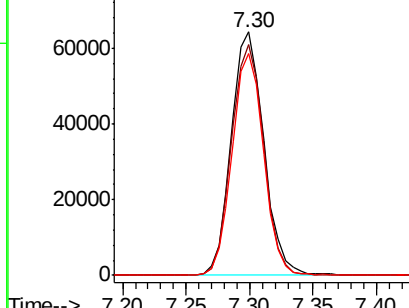
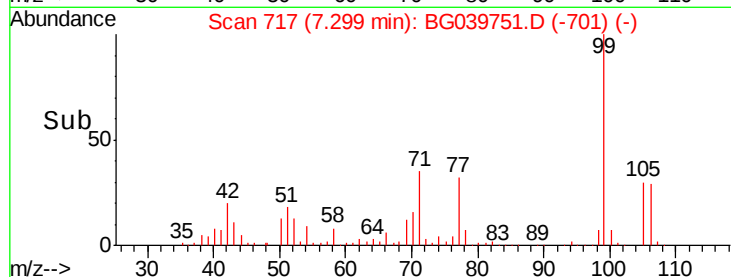
77 100

105 94.9 74.5 114.5

106 90.9 68.0 108.0



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



#10

Phenol

Concen: 42.079 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

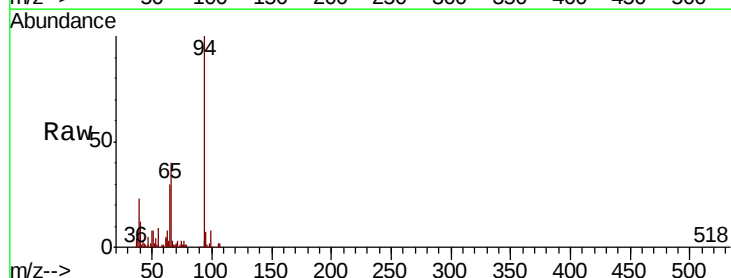
Tgt Ion: 94 Resp: 190564

Ion Ratio Lower Upper

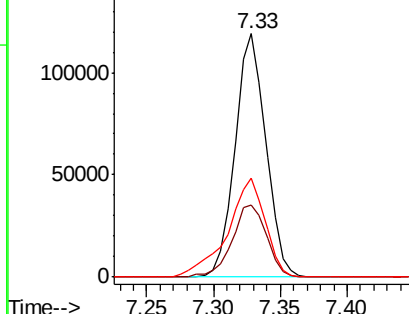
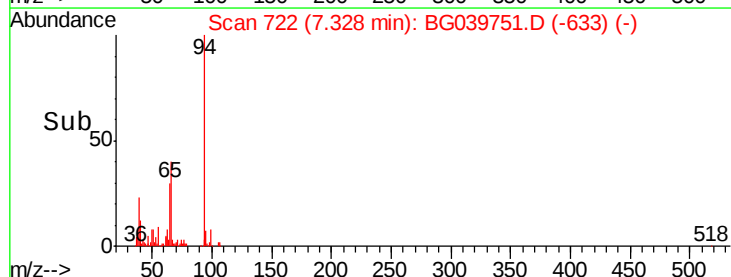
94 100

65 29.9 11.7 51.7

66 40.5 23.7 63.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

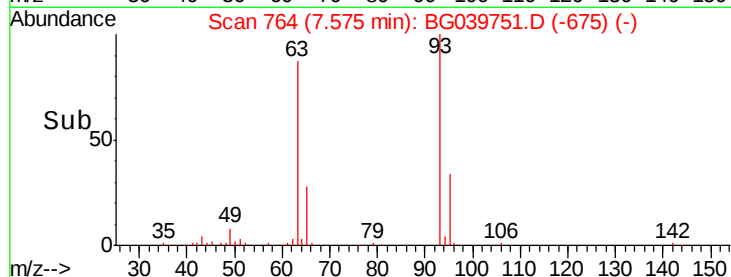
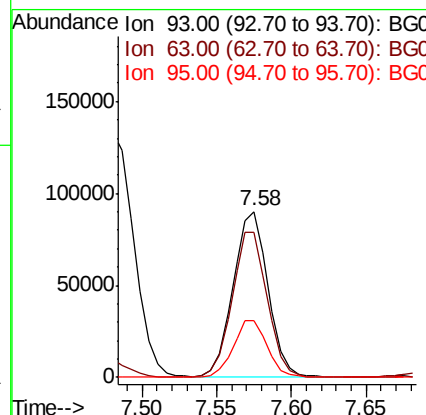
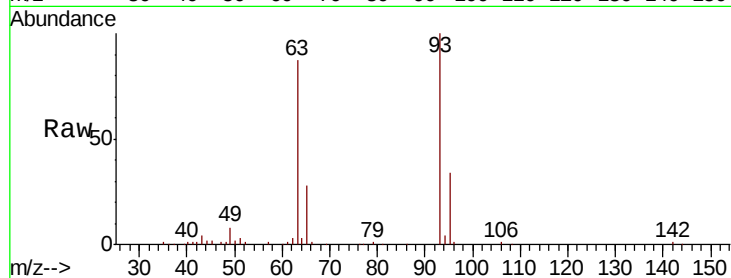




#11
bis(2-Chloroethyl)ether
Concen: 41.209 ng
RT: 7.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BG039751.D
Acq: 5 Mar 2019 4:39

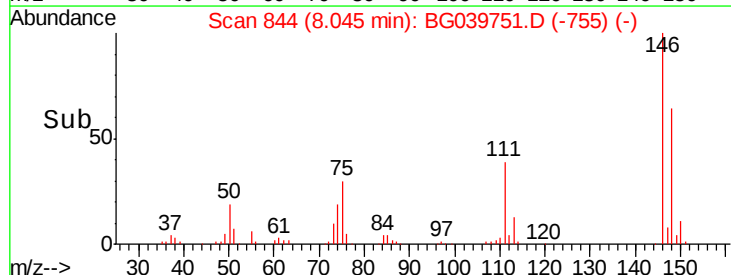
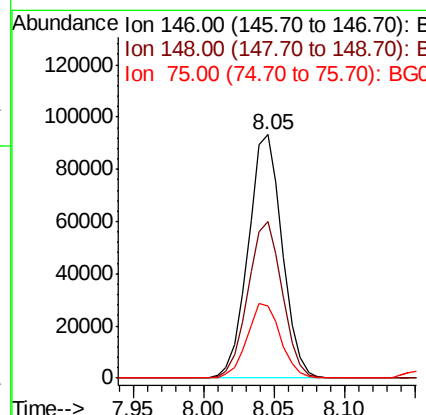
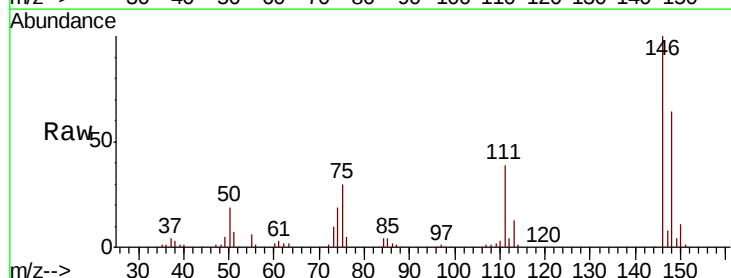
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 145504
Ion Ratio Lower Upper
93 100
63 87.0 69.5 109.5
95 34.0 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 40.884 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG039751.D
Acq: 5 Mar 2019 4:39

Tgt Ion: 146 Resp: 157273
Ion Ratio Lower Upper
146 100
148 64.1 52.6 79.0
75 29.7 25.8 38.6

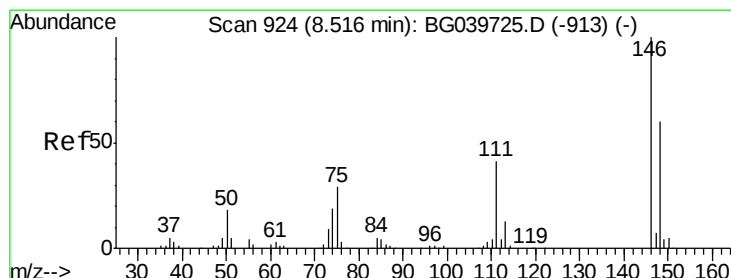
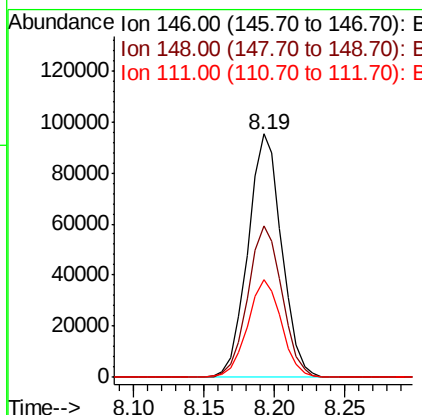
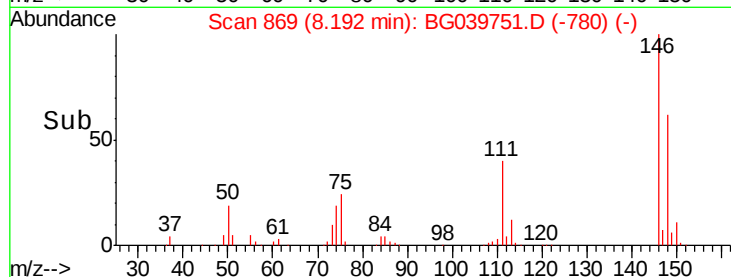
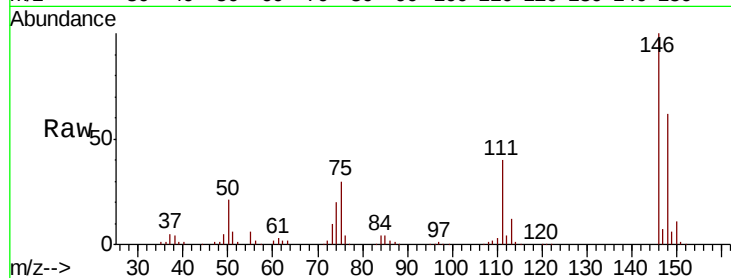




#13
 1,4-Dichlorobenzene
 Concen: 40.581 ng
 RT: 8.19 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BG039751.D
 Acq: 5 Mar 2019 4:39

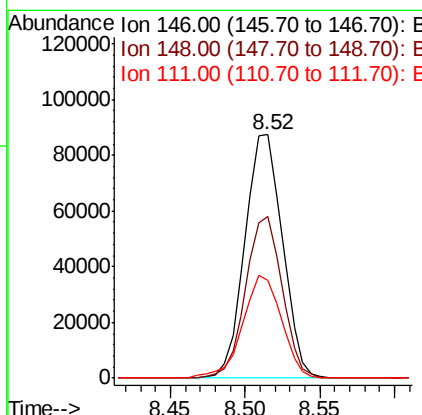
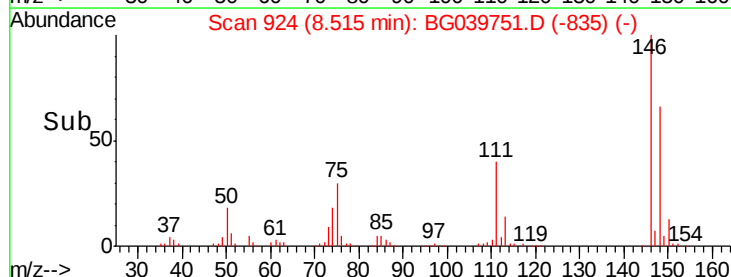
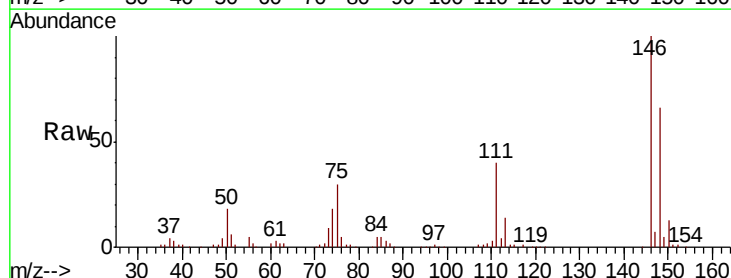
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tgt Ion:146 Resp: 159008
 Ion Ratio Lower Upper
 146 100
 148 62.4 51.1 76.7
 111 40.1 32.6 48.8



#14
 1,2-Dichlorobenzene
 Concen: 40.196 ng
 RT: 8.52 min Scan# 924
 Delta R.T. -0.01 min
 Lab File: BG039751.D
 Acq: 5 Mar 2019 4:39

Tgt Ion:146 Resp: 152176
 Ion Ratio Lower Upper
 146 100
 148 66.3 51.5 77.3
 111 40.3 33.8 50.6





#15

Benzyl Alcohol

Concen: 42.364 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

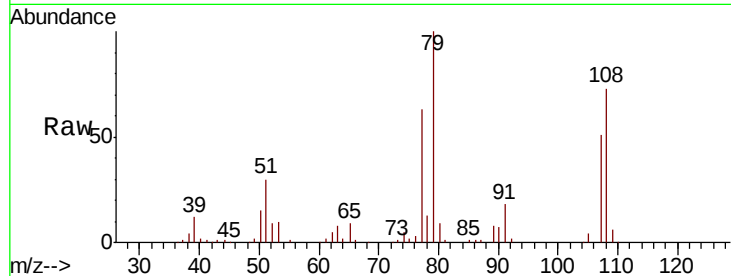
Tgt Ion: 79 Resp: 140483

Ion Ratio Lower Upper

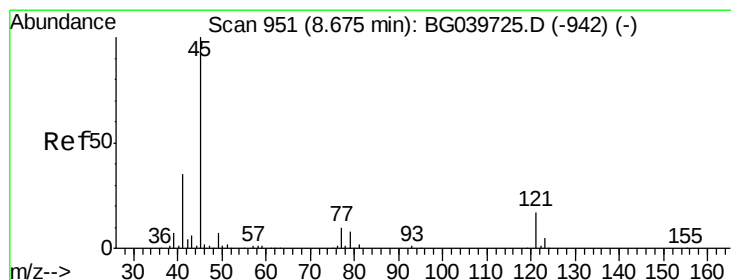
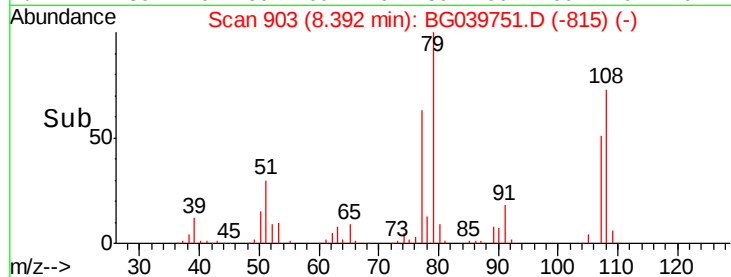
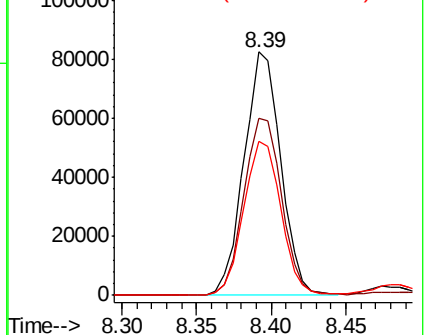
79 100

108 72.6 57.8 86.6

77 63.1 51.1 76.7



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.028 ng

RT: 8.67 min Scan# 951

Delta R.T. -0.01 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

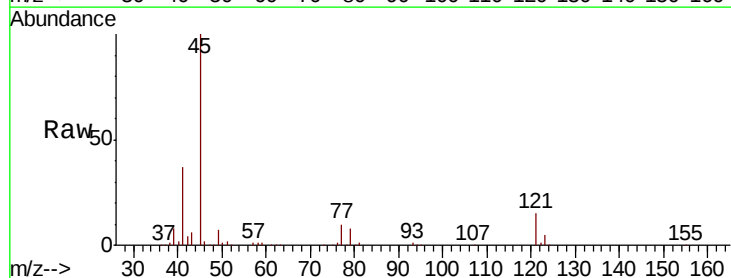
Tgt Ion: 45 Resp: 289733

Ion Ratio Lower Upper

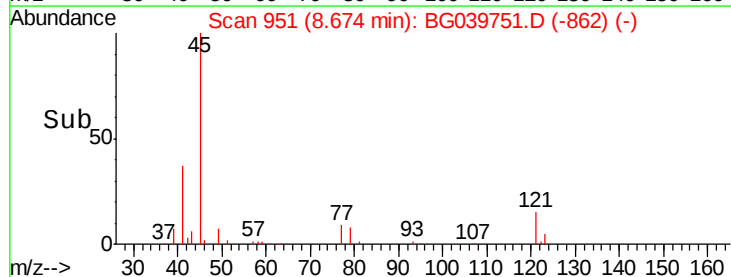
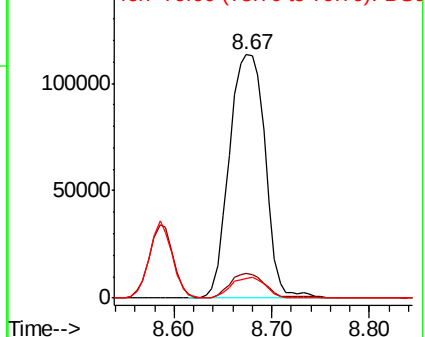
45 100

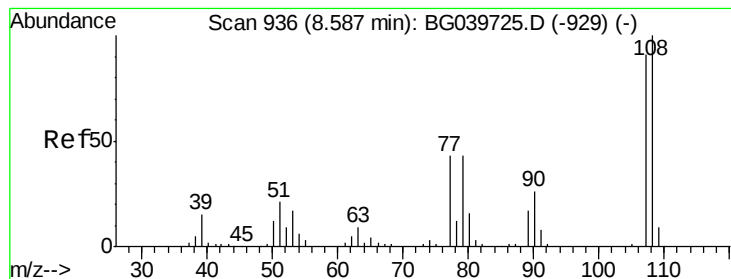
77 9.9 0.0 30.0

79 8.3 0.0 27.5



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





#17

2-Methylphenol

Concen: 42.433 ng

RT: 8.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 122533

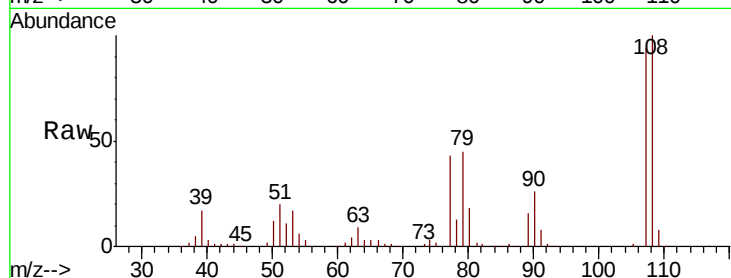
Ion Ratio Lower Upper

107 100

108 106.8 90.8 136.2

77 45.4 40.7 61.1

79 48.0 40.6 60.8

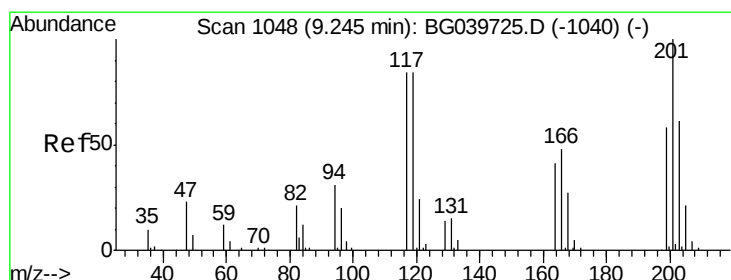
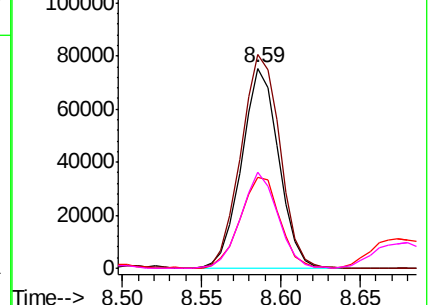
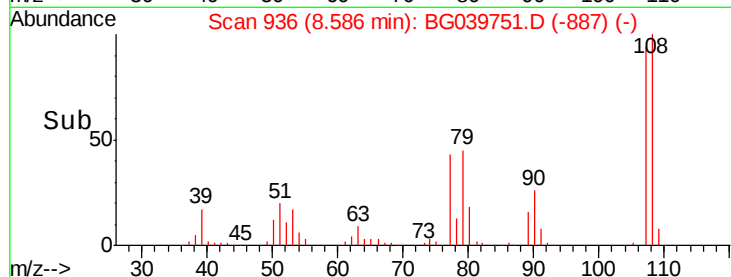


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 40.934 ng

RT: 9.24 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

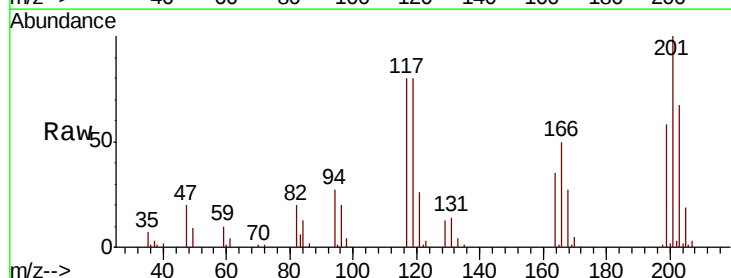
Tgt Ion:117 Resp: 57551

Ion Ratio Lower Upper

117 100

119 100.6 76.3 114.5

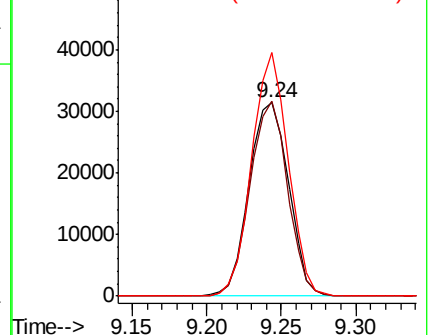
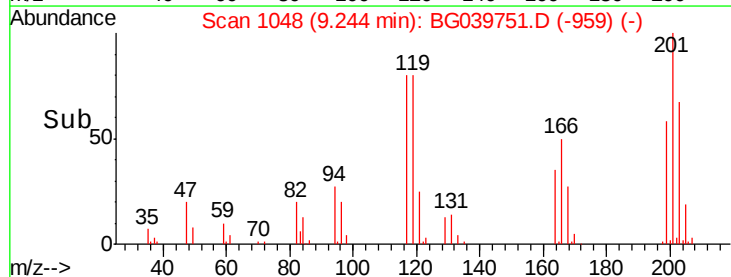
201 125.8 91.1 136.7

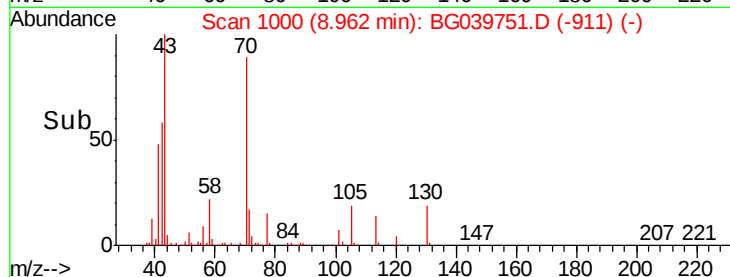
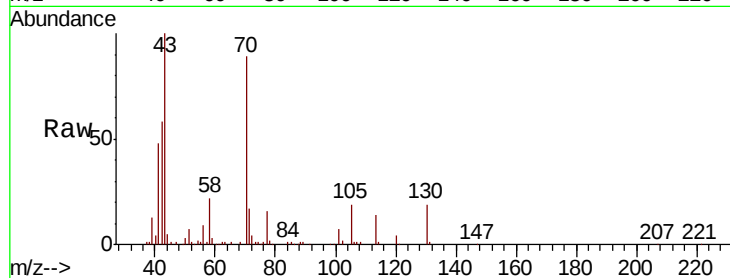
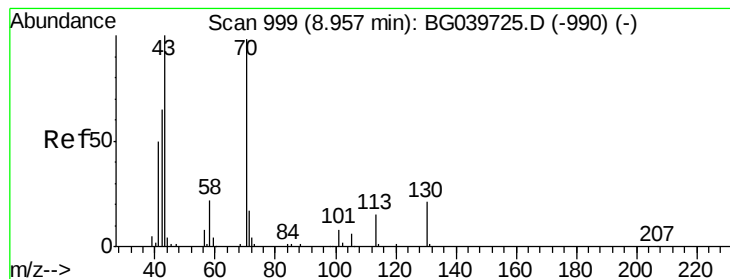


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.817 ng

RT: 8.96 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 125823

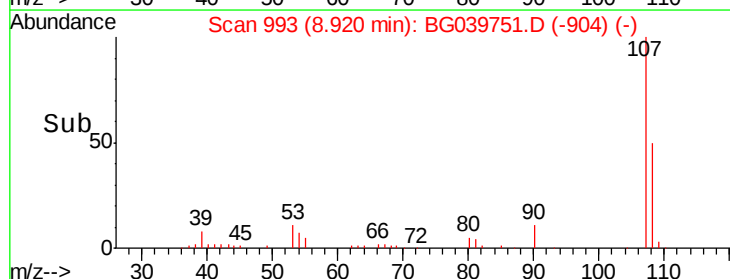
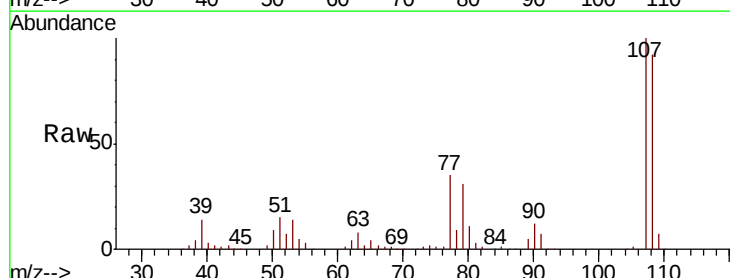
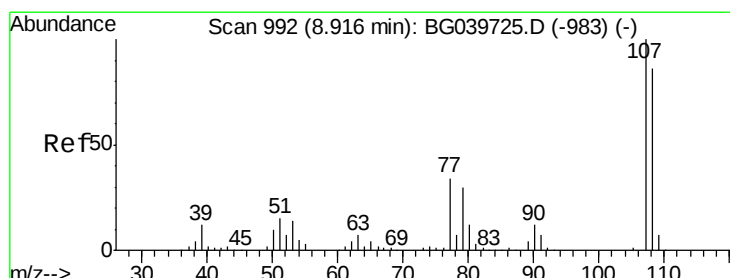
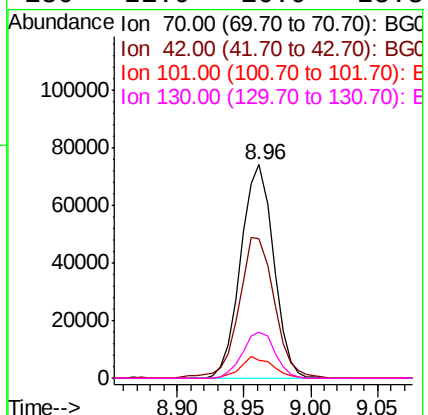
Ion Ratio Lower Upper

70 100

42 65.4 60.4 90.6

101 8.2 7.5 11.3

130 21.9 16.9 25.3



#20

3+4-Methylphenols

Concen: 42.453 ng

RT: 8.92 min Scan# 993

Delta R.T. -0.01 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

Tgt Ion: 107 Resp: 170304

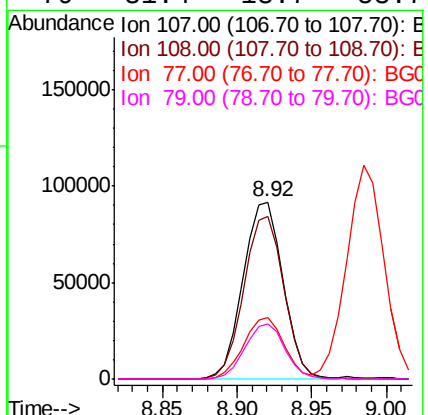
Ion Ratio Lower Upper

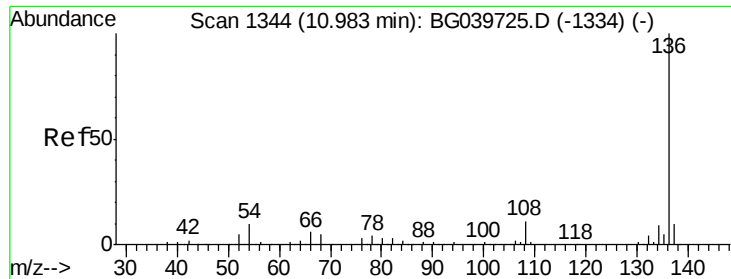
107 100

108 91.8 67.9 107.9

77 34.6 15.4 55.4

79 31.4 13.7 53.7

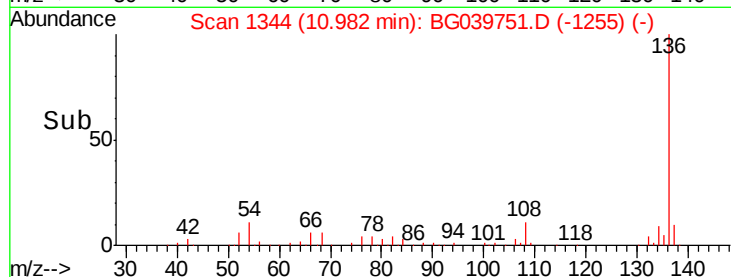
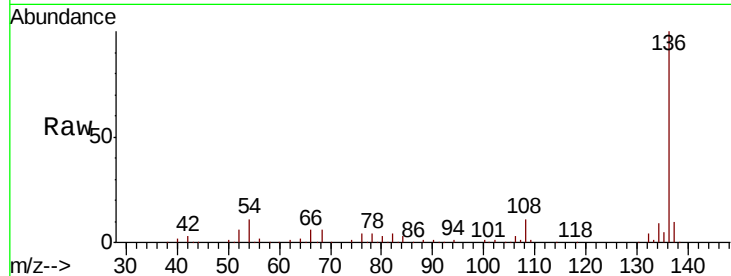




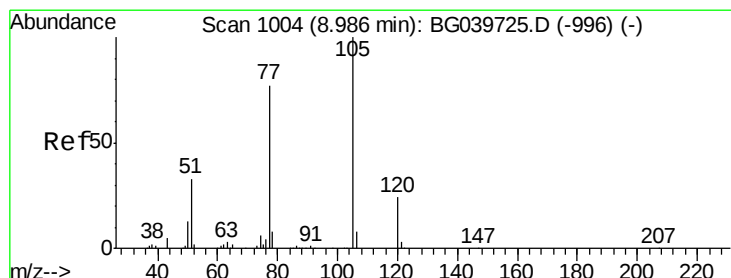
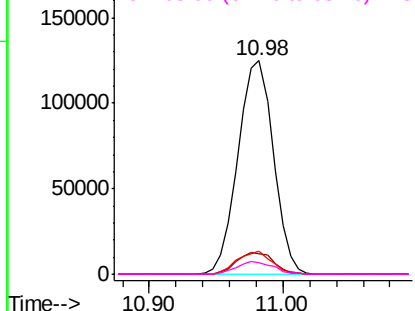
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BG039751.D
Acq: 5 Mar 2019 4:39

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	229547
Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.1	13.7
54	10.6	9.4	14.2
68	5.6	4.2	6.4

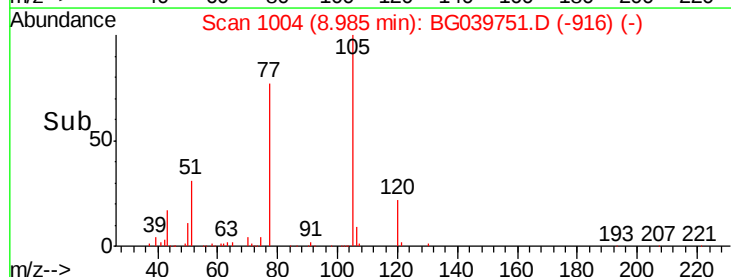
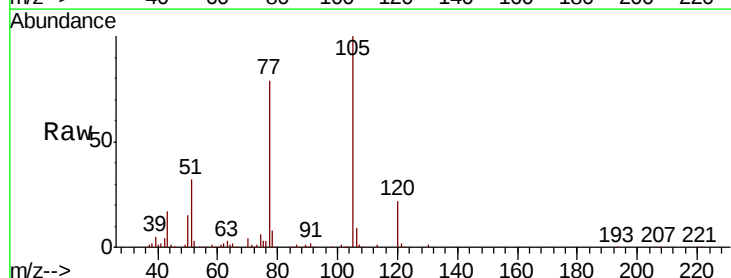


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

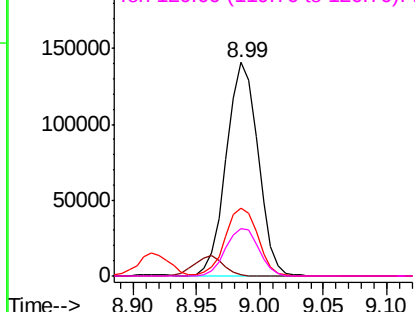


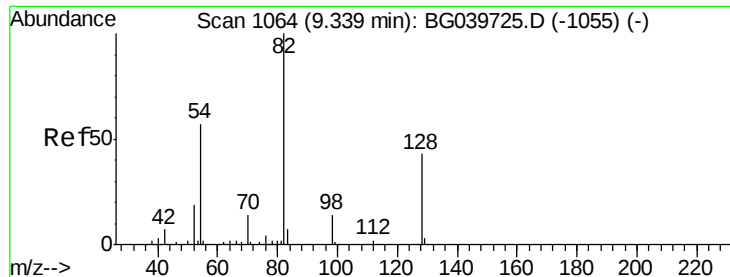
#22
Acetophenone
Concen: 39.736 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG039751.D
Acq: 5 Mar 2019 4:39

Tgt Ion:	105	Resp:	244810
Ion	Ratio	Lower	Upper
105	100		
71	0.7	0.8	1.2#
51	31.8	30.2	45.2
120	22.4	18.0	27.0



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

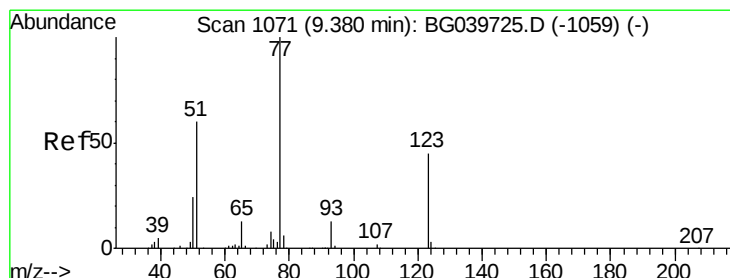
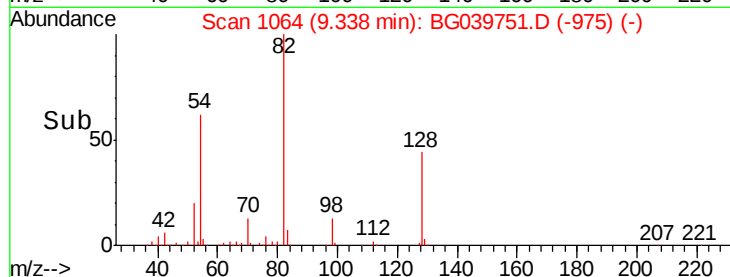
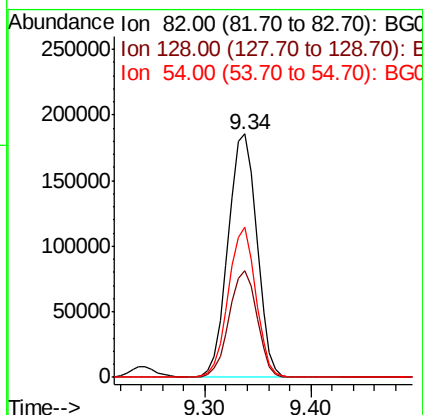
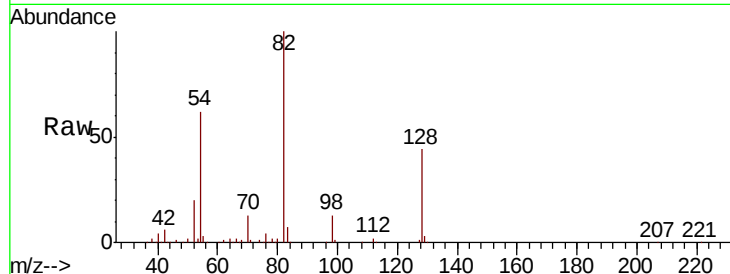




#23
 Nitrobenzene-d5
 Concen: 82.045 ng
 RT: 9.34 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BG039751.D
 Acq: 5 Mar 2019 4:39

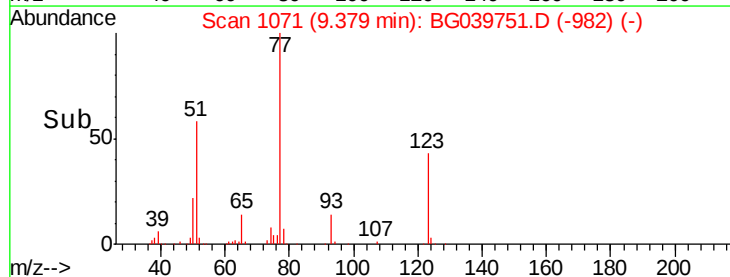
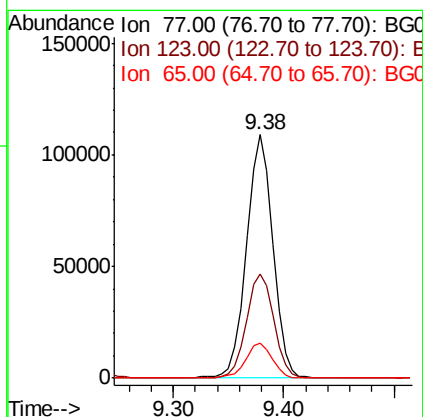
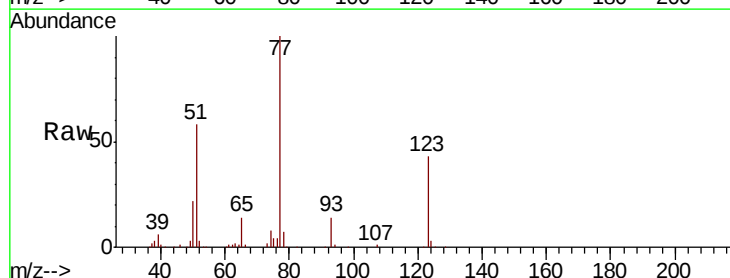
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

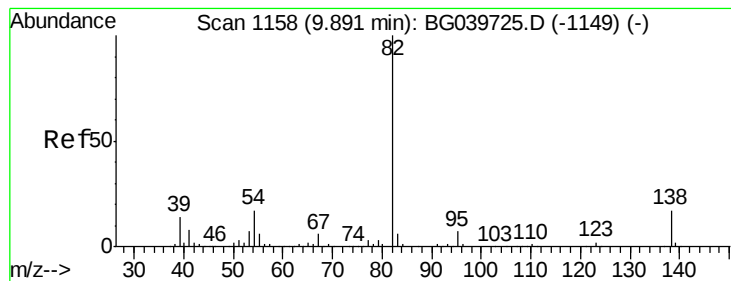
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.7	31.3	46.9
54	61.6	50.9	76.3



#24
 Nitrobenzene
 Concen: 41.099 ng
 RT: 9.38 min Scan# 1071
 Delta R.T. -0.01 min
 Lab File: BG039751.D
 Acq: 5 Mar 2019 4:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.9	34.1	51.1
65	14.2	12.3	18.5





#25

Isophorone

Concen: 40.381 ng

RT: 9.89 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

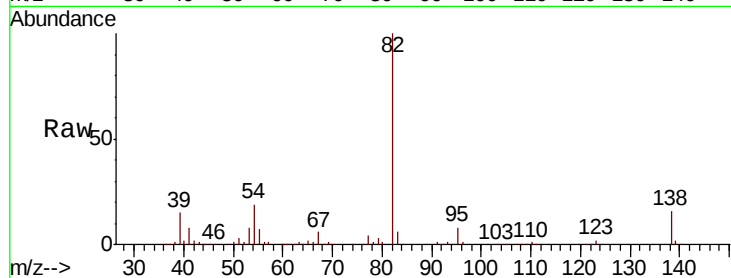
Tgt Ion: 82 Resp: 359113

Ion Ratio Lower Upper

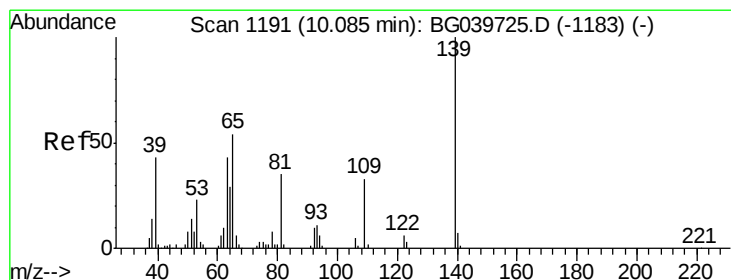
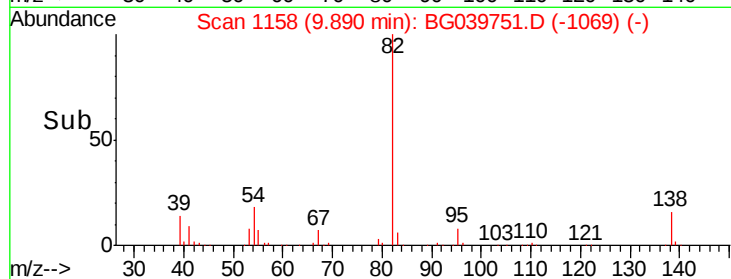
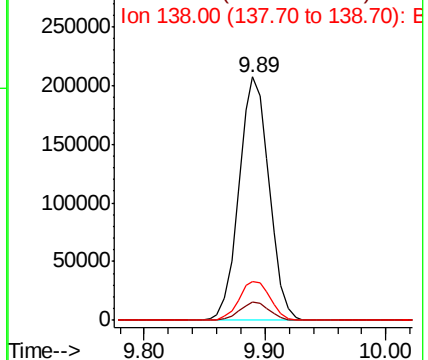
82 100

95 7.8 6.2 9.2

138 15.9 13.0 19.4



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



#26

2-Nitrophenol

Concen: 41.589 ng

RT: 10.08 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

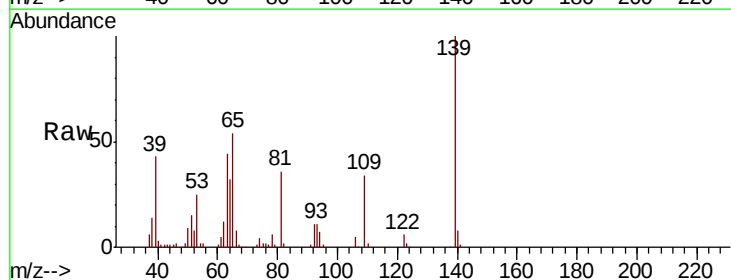
Tgt Ion: 139 Resp: 89407

Ion Ratio Lower Upper

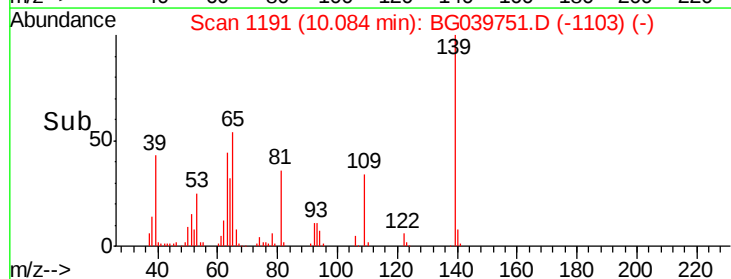
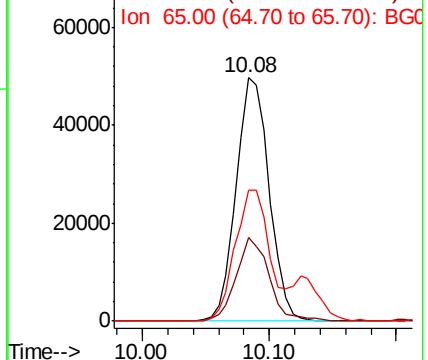
139 100

109 34.1 23.4 35.0

65 54.0 44.3 66.5



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

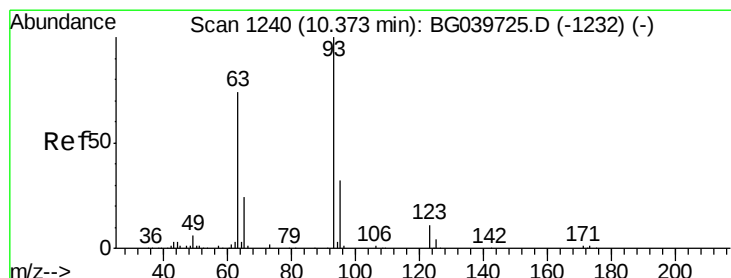
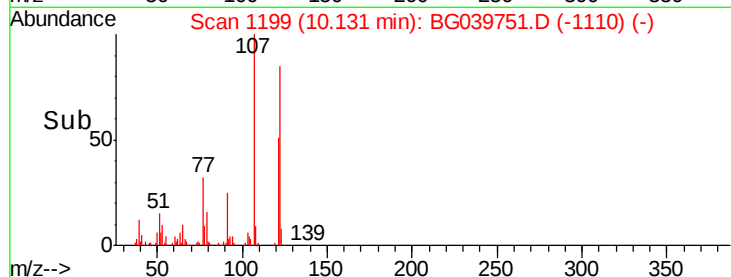
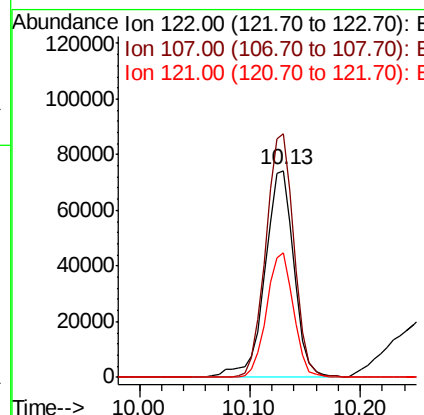
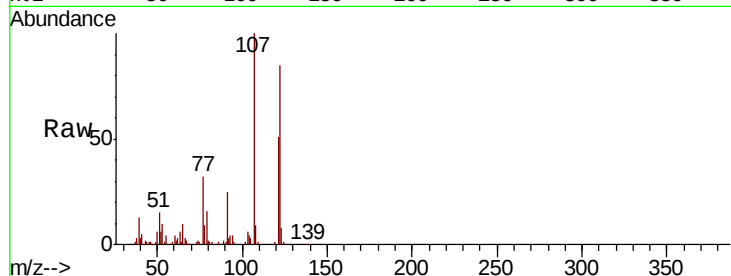




#27
2,4-Dimethylphenol
Concen: 41.072 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BG039751.D
Acq: 5 Mar 2019 4:39

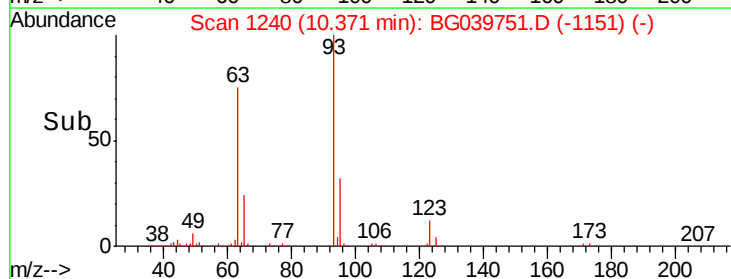
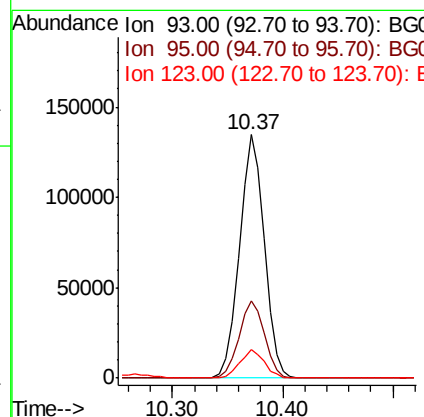
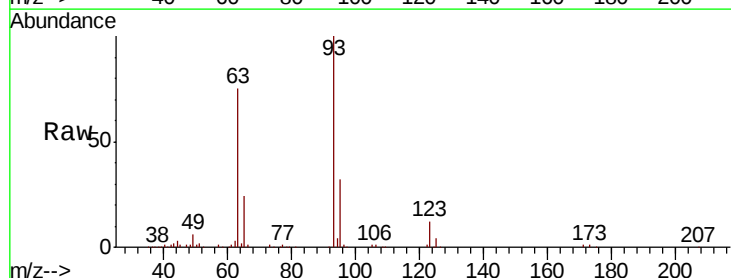
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
122	100		
107	117.7	91.7	137.5
121	60.4	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 39.357 ng
RT: 10.37 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BG039751.D
Acq: 5 Mar 2019 4:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.0	37.4
123	11.7	8.6	12.8





#29

2,4-Dichlorophenol

Concen: 41.583 ng

RT: 10.62 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

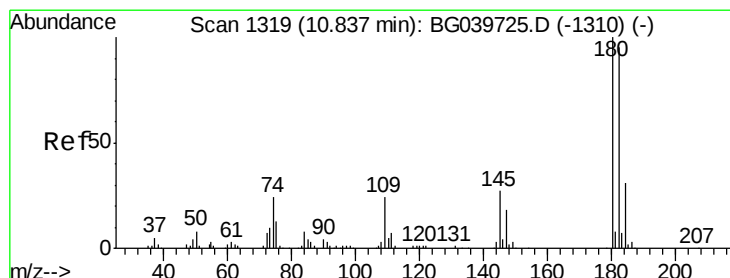
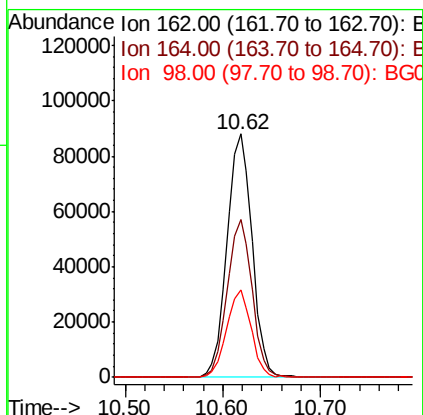
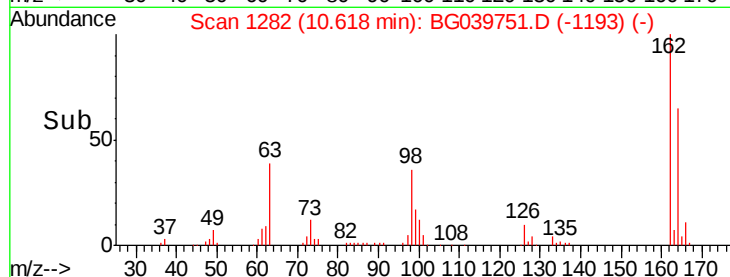
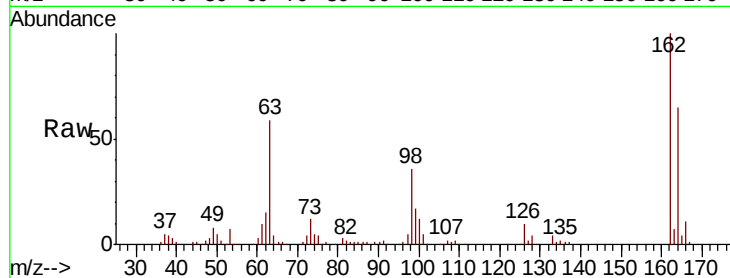
Tgt Ion:162 Resp: 156535

Ion Ratio Lower Upper

162 100

164 64.8 48.1 88.1

98 36.1 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 39.703 ng

RT: 10.84 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

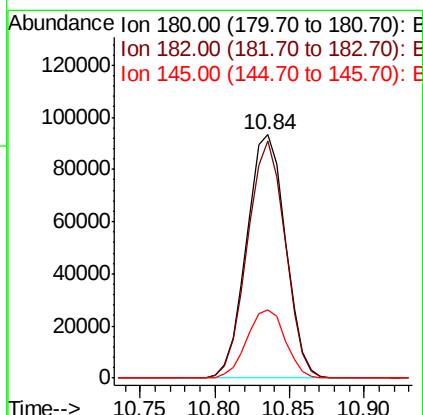
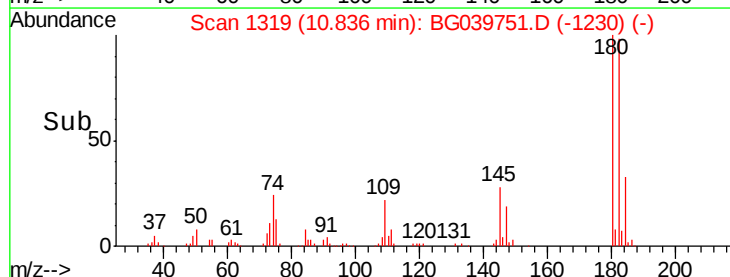
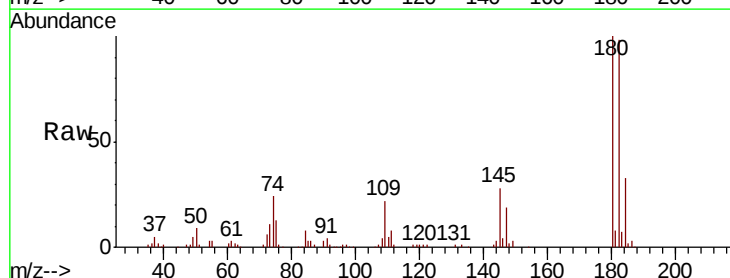
Tgt Ion:180 Resp: 168181

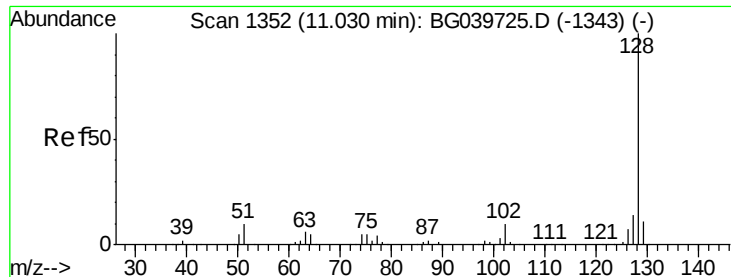
Ion Ratio Lower Upper

180 100

182 97.5 76.0 114.0

145 28.1 22.7 34.1

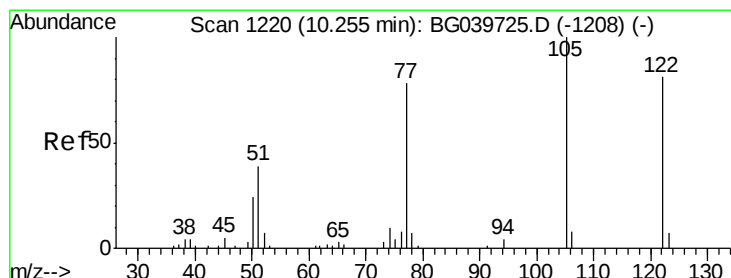
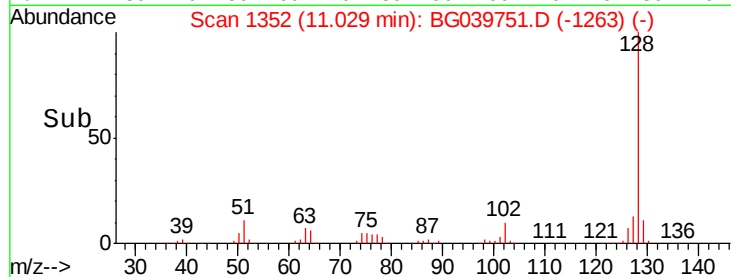
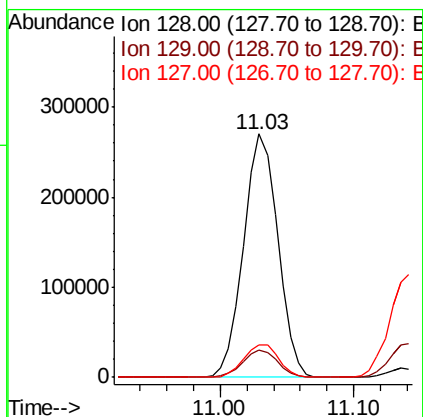
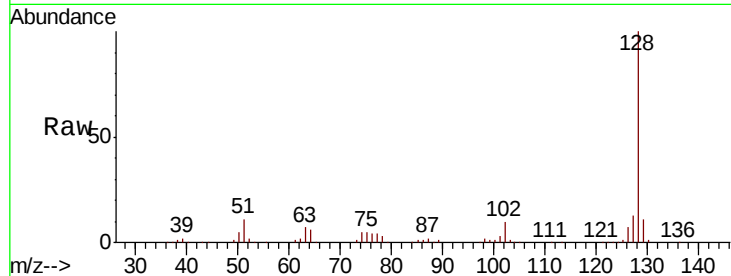




#31
Naphthalene
Concen: 39.439 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG039751.D
Acq: 5 Mar 2019 4:39

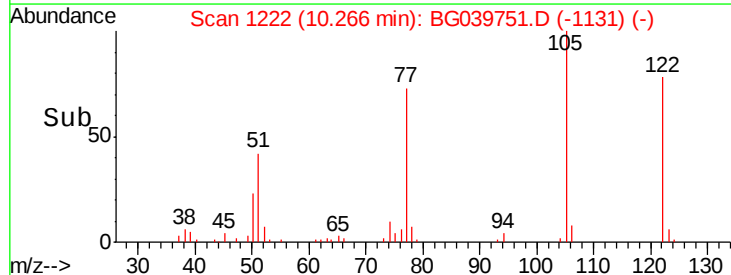
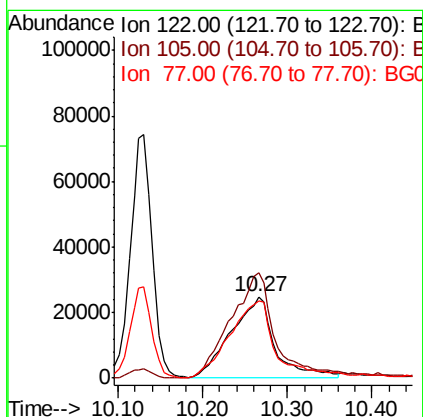
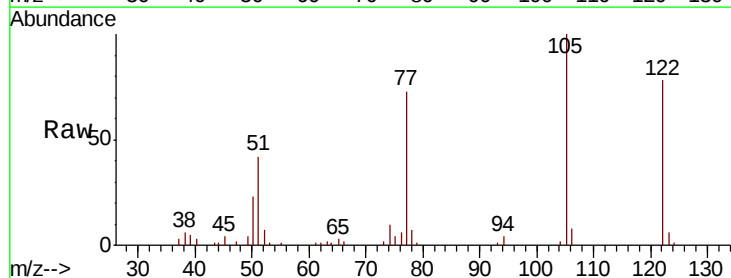
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 479321
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 39.485 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BG039751.D
Acq: 5 Mar 2019 4:39

Tgt Ion:122 Resp: 87528
Ion Ratio Lower Upper
122 100
105 129.0 101.8 141.8
77 94.5 76.3 116.3

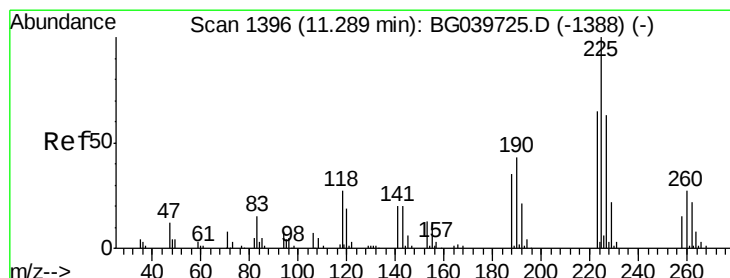
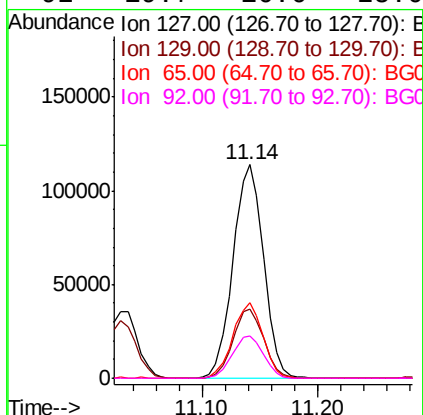
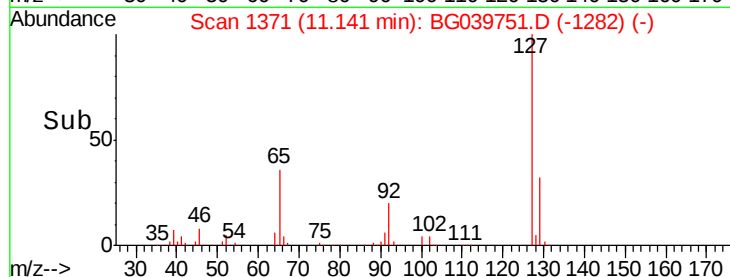
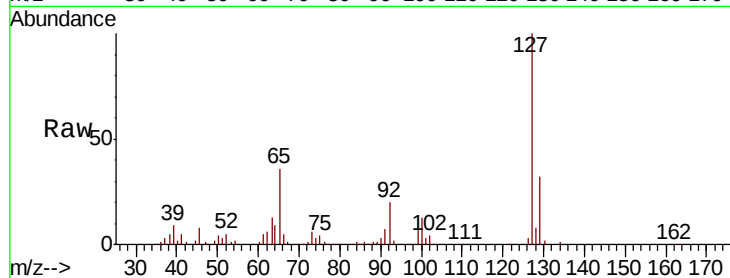




#33
4-Chloroaniline
Concen: 40.325 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BG039751.D
Acq: 5 Mar 2019 4:39

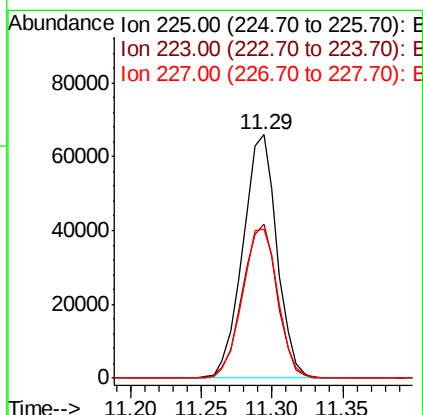
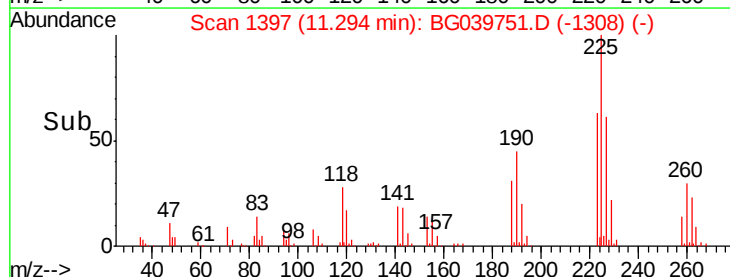
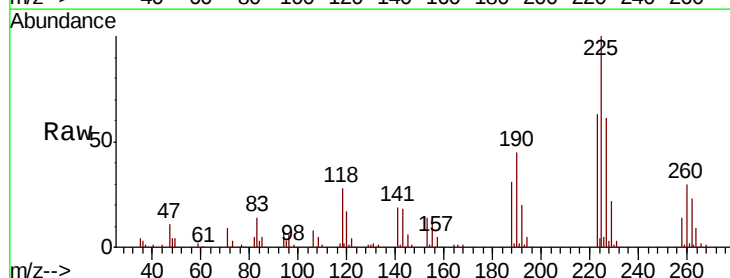
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

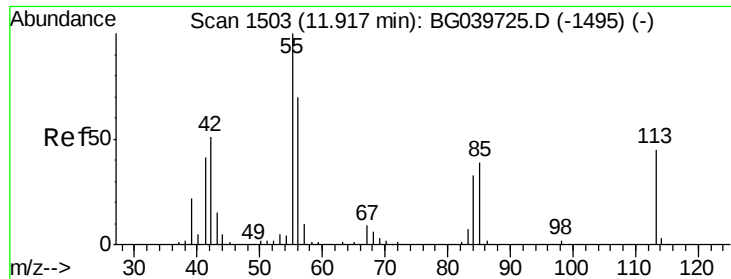
Tgt Ion:	127	Resp:	207820
Ion	Ratio	Lower	Upper
127	100		
129	32.3	27.0	40.4
65	35.7	28.8	43.2
92	19.7	16.6	25.0



#34
Hexachlorobutadiene
Concen: 38.491 ng
RT: 11.29 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BG039751.D
Acq: 5 Mar 2019 4:39

Tgt Ion:	225	Resp:	111415
Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.0	73.6
227	61.3	46.3	69.5

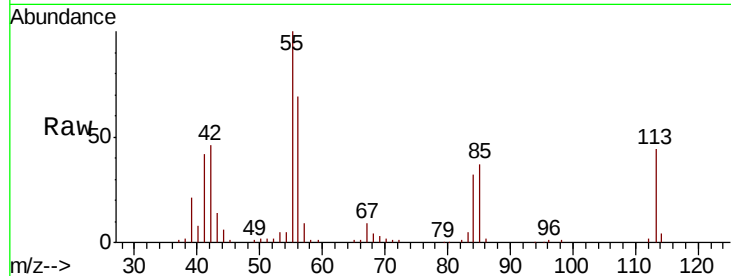




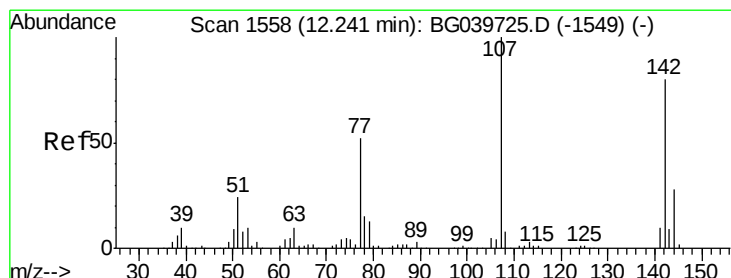
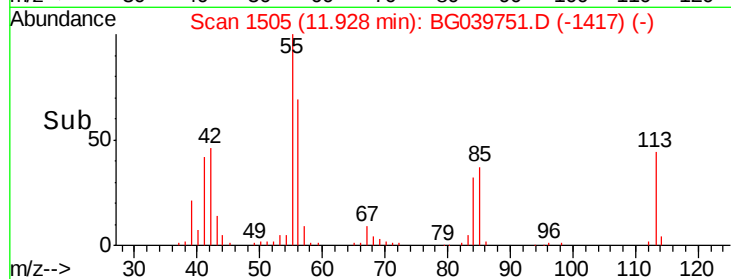
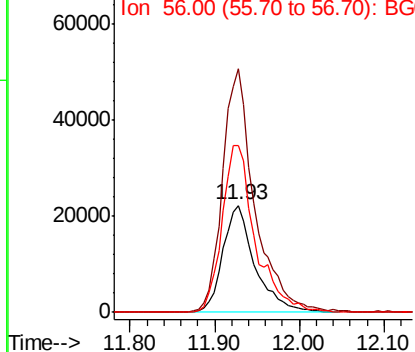
#35
 Caprolactam
 Concen: 40.795 ng
 RT: 11.93 min Scan# 1505
 Delta R.T. -0.01 min
 Lab File: BG039751.D
 Acq: 5 Mar 2019 4:39

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 58662
 Ion Ratio Lower Upper
 113 100
 55 227.1 216.9 256.9
 56 156.1 152.6 192.6

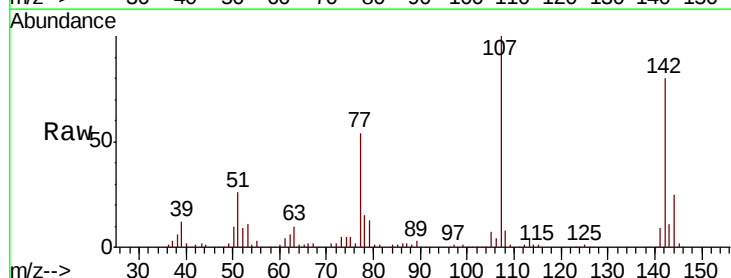


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

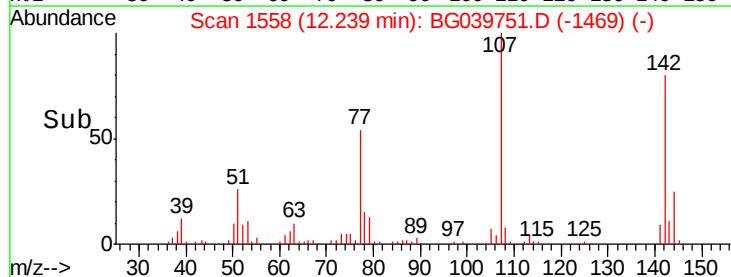
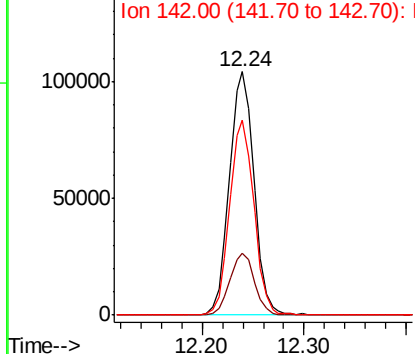


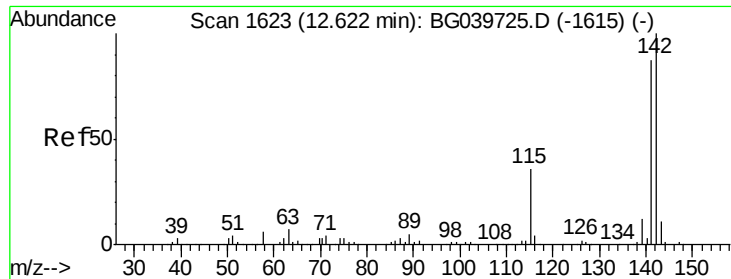
#36
 4-Chloro-3-methylphenol
 Concen: 40.758 ng
 RT: 12.24 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BG039751.D
 Acq: 5 Mar 2019 4:39

Tgt Ion:107 Resp: 175877
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.2 30.2
 142 80.2 61.4 92.2



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

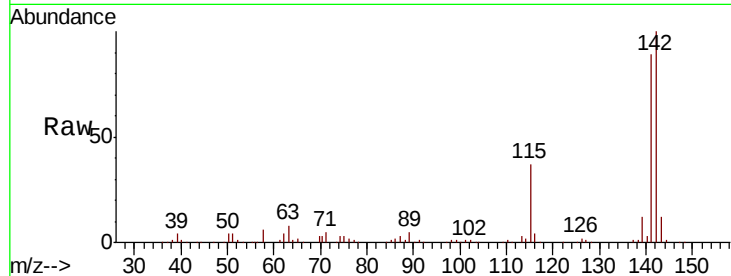




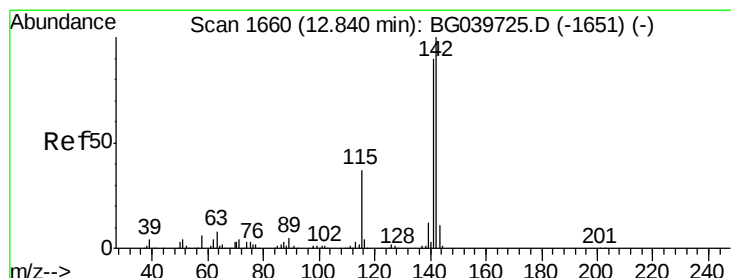
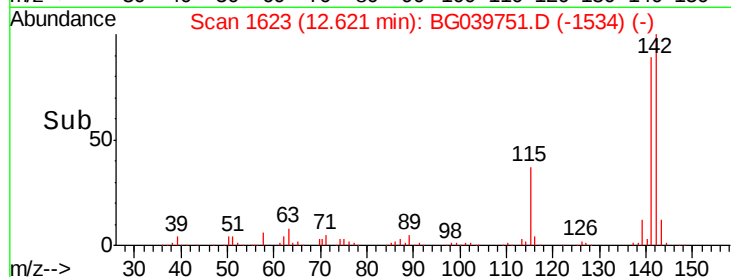
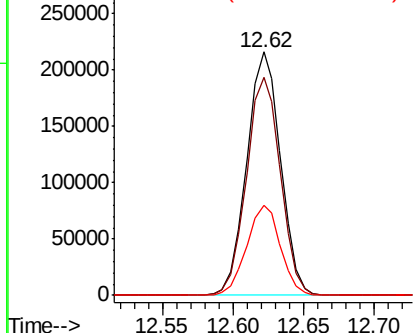
#37
 2-Methylnaphthalene
 Concen: 39.969 ng
 RT: 12.62 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BG039751.D
 Acq: 5 Mar 2019 4:39

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:142 Resp: 363176
 Ion Ratio Lower Upper
 142 100
 141 89.3 73.5 110.3
 115 37.0 30.8 46.2

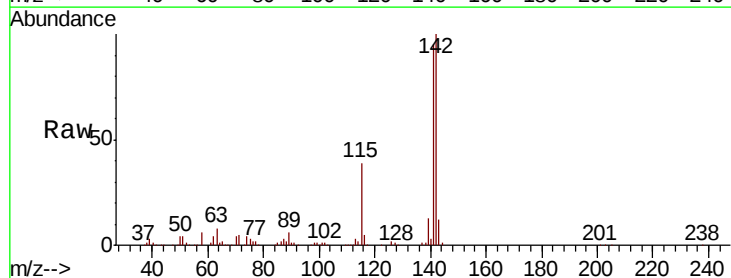


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

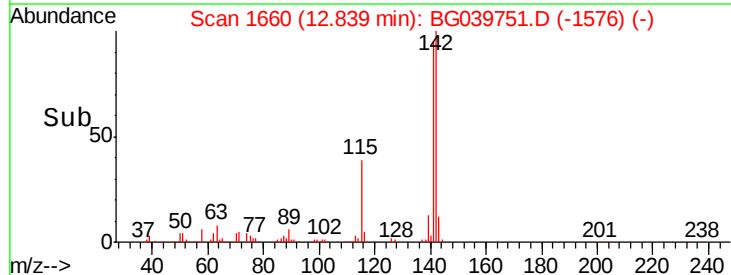
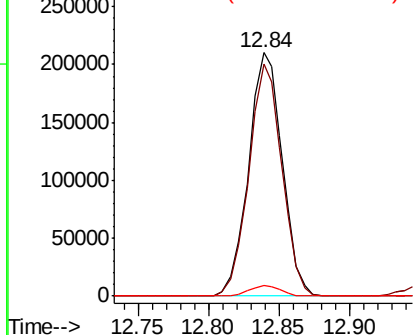


#38
 1-Methylnaphthalene
 Concen: 39.734 ng
 RT: 12.84 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BG039751.D
 Acq: 5 Mar 2019 4:39

Tgt Ion:142 Resp: 350858
 Ion Ratio Lower Upper
 142 100
 141 95.1 74.2 111.4
 116 4.5 3.0 4.6



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: 14.78 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

Instrument :

BNA_G

ClientSampled :

SSTDCCC040

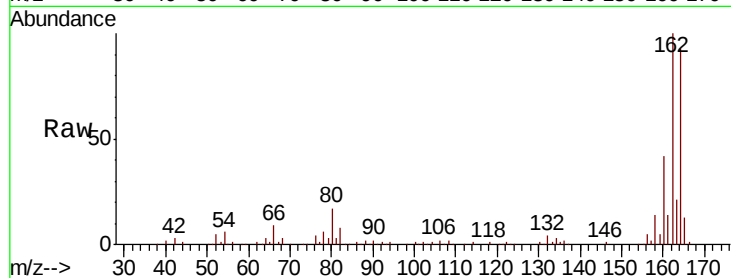
Tgt Ion:164 Resp: 152272

Ion Ratio Lower Upper

164 100

162 108.1 81.6 122.4

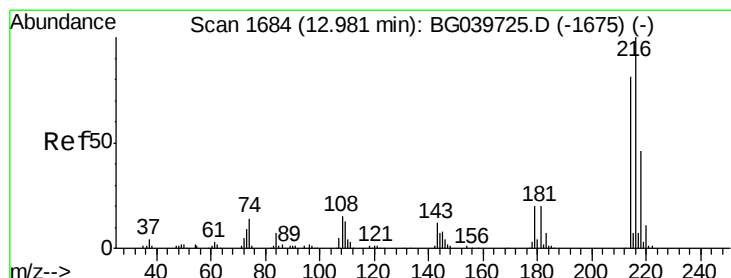
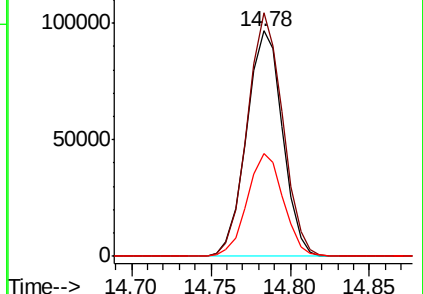
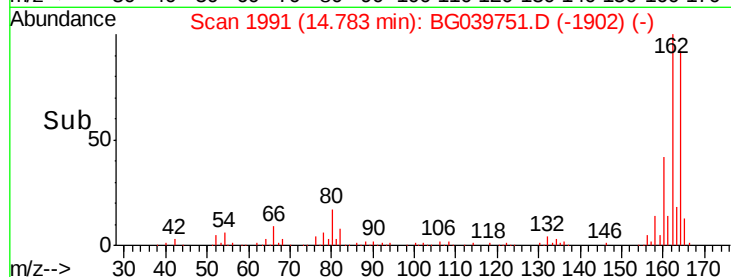
160 45.7 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.290 ng

RT: 12.98 min Scan# 1684

Delta R.T. -0.01 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

Tgt Ion:216 Resp: 207838

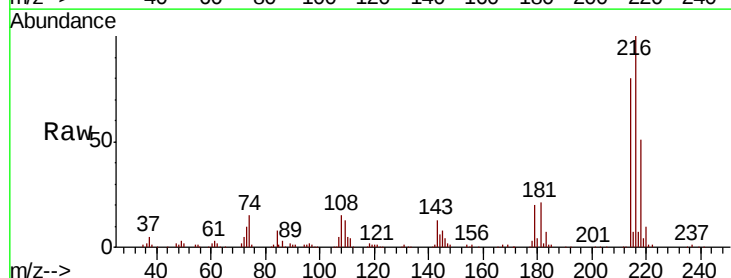
Ion Ratio Lower Upper

216 100

214 78.8 62.6 94.0

179 20.2 16.6 25.0

108 15.9 14.0 21.0

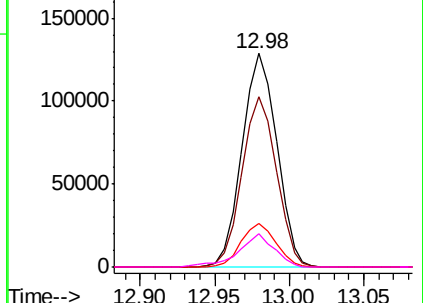
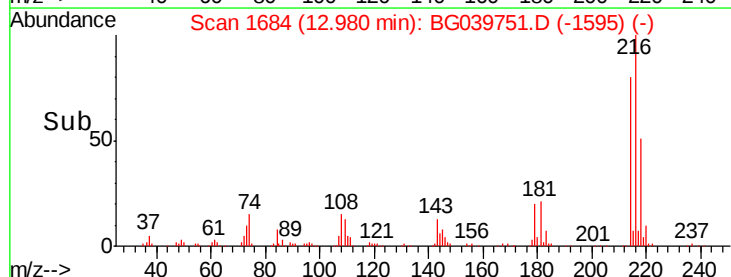


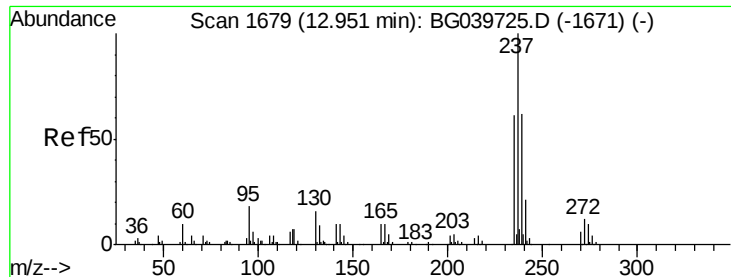
Abundance Ion 216.00 (215.70 to 216.70): E

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: 42.057 ng

RT: 12.95 min Scan# 1679

Delta R.T. -0.01 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

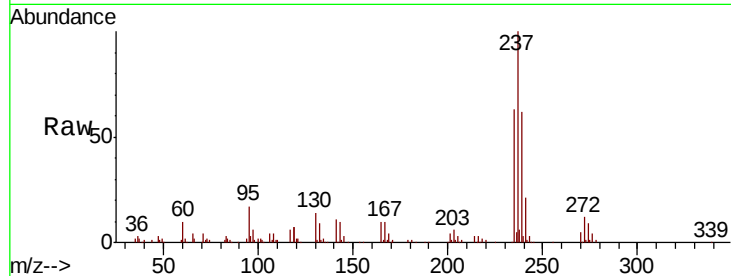
Tgt Ion: 237 Resp: 116268

Ion Ratio Lower Upper

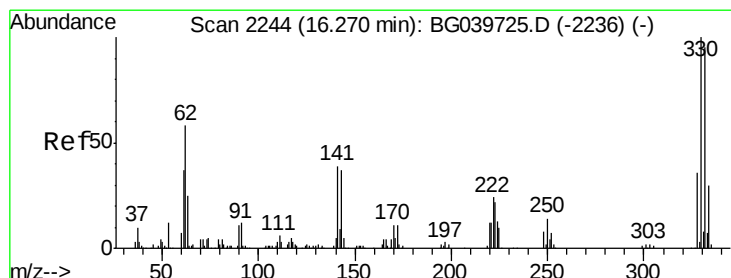
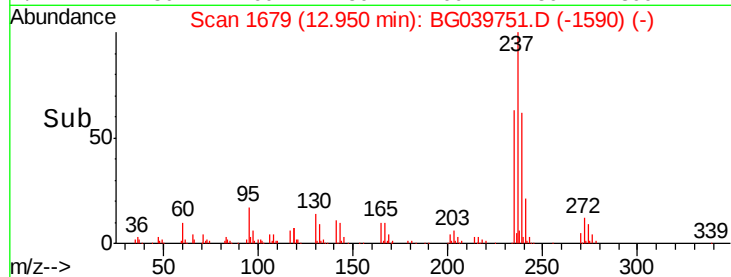
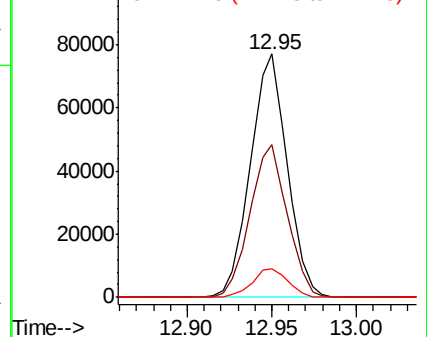
237 100

235 62.9 43.3 83.3

272 11.6 0.0 32.3



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: 83.330 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

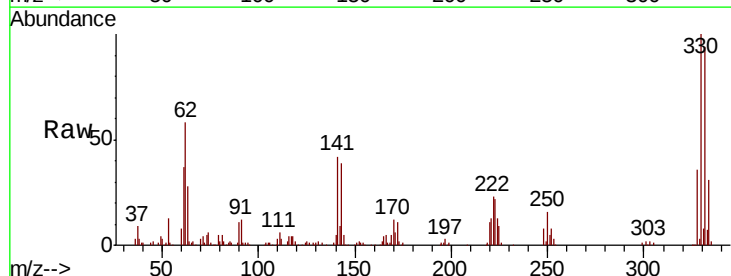
Tgt Ion: 330 Resp: 147898

Ion Ratio Lower Upper

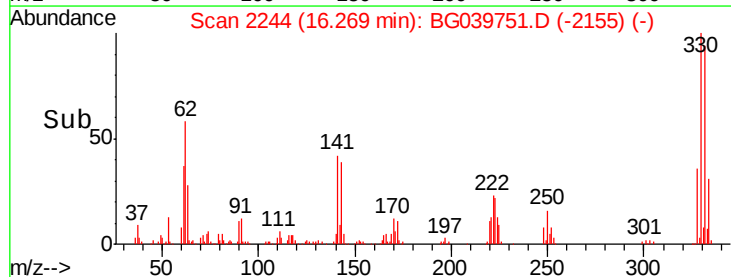
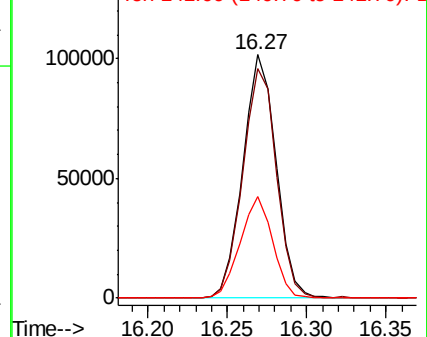
330 100

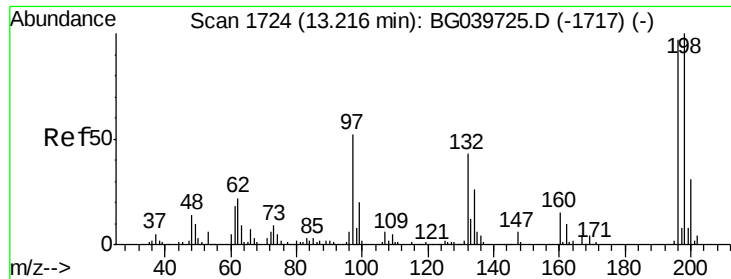
332 96.0 75.7 113.5

141 40.8 35.6 53.4



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

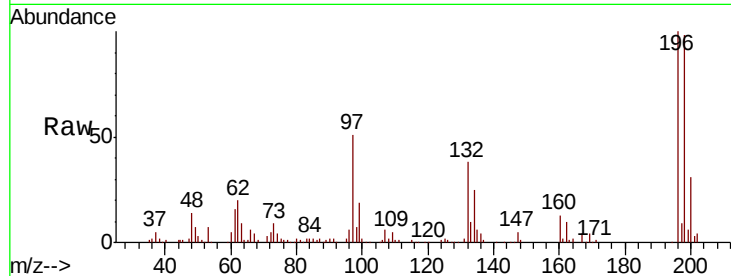




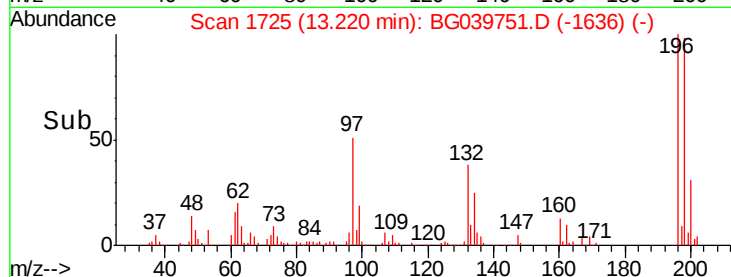
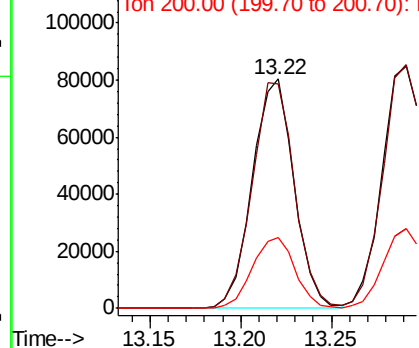
#43
 2,4,6-Trichlorophenol
 Concen: 42.872 ng
 RT: 13.22 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: BG039751.D
 Acq: 5 Mar 2019 4:39

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 129479
 Ion Ratio Lower Upper
 196 100
 198 98.0 80.6 121.0
 200 30.8 26.1 39.1



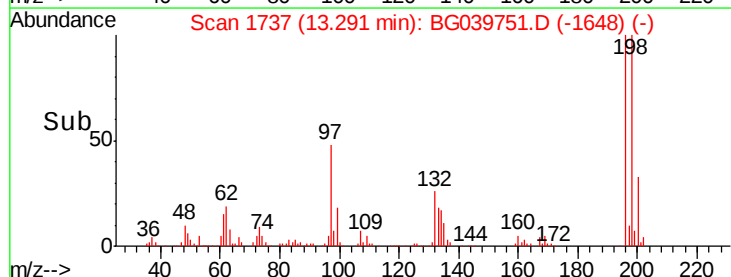
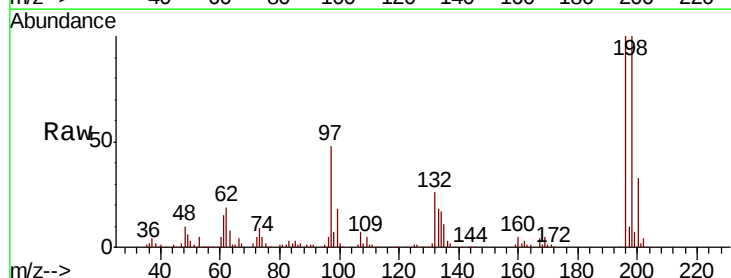
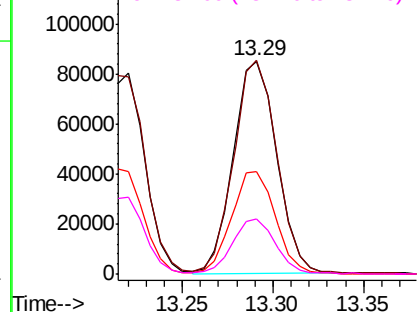
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

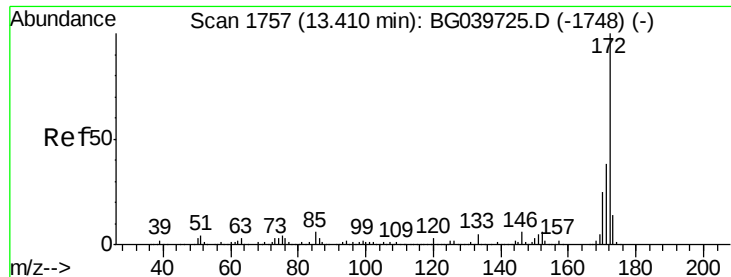


#44
 2,4,5-Trichlorophenol
 Concen: 41.418 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG039751.D
 Acq: 5 Mar 2019 4:39

Tgt Ion:196 Resp: 140996
 Ion Ratio Lower Upper
 196 100
 198 100.5 78.5 117.7
 97 48.2 38.4 57.6
 132 25.7 19.2 28.8

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

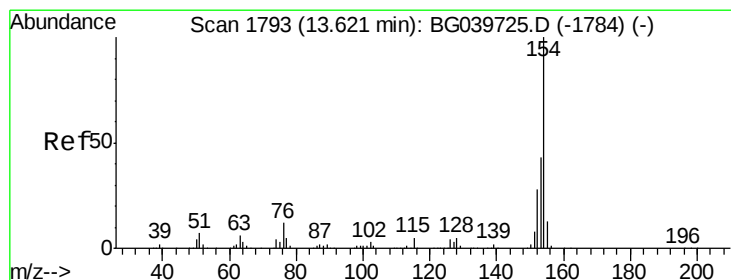
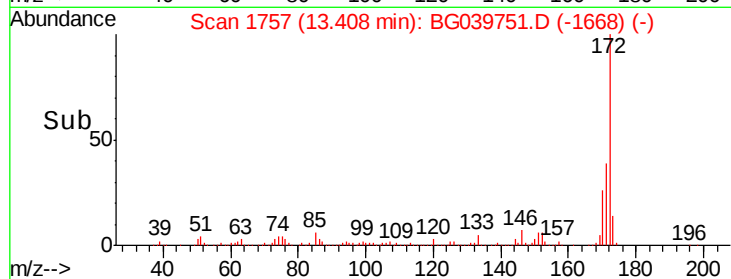
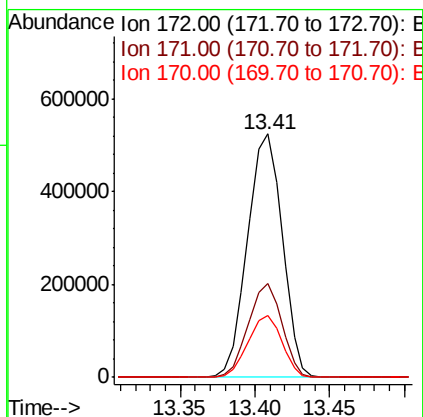
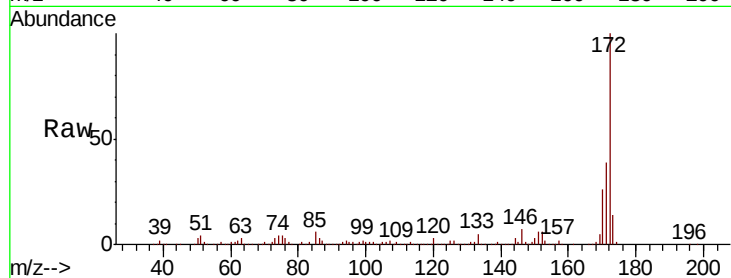




#45
 2-Fluorobiphenyl
 Concen: 79.166 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG039751.D
 Acq: 5 Mar 2019 4:39

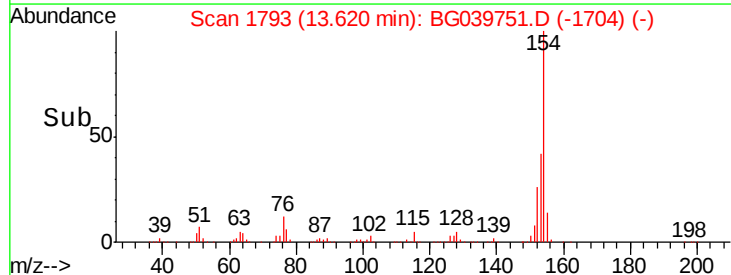
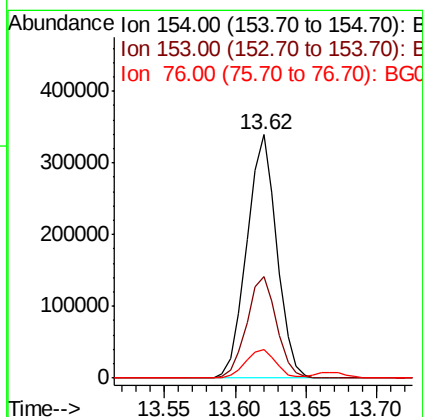
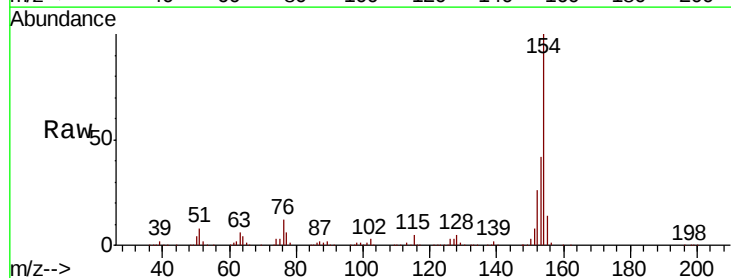
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:172 Resp: 846647
 Ion Ratio Lower Upper
 172 100
 171 38.8 30.8 46.2
 170 25.6 20.2 30.4



#46
 1,1'-Biphenyl
 Concen: 40.254 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BG039751.D
 Acq: 5 Mar 2019 4:39

Tgt Ion:154 Resp: 504153
 Ion Ratio Lower Upper
 154 100
 153 41.9 22.1 62.1
 76 11.6 0.0 32.4

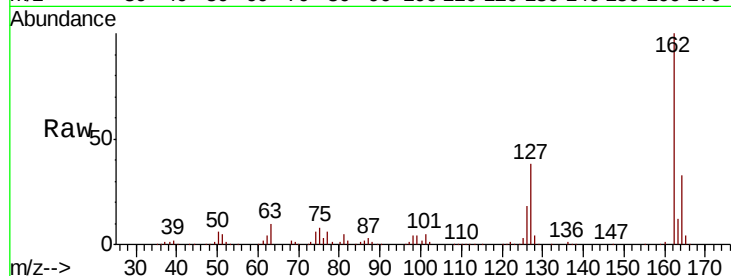




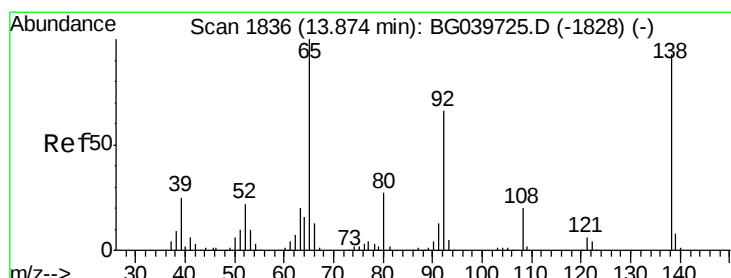
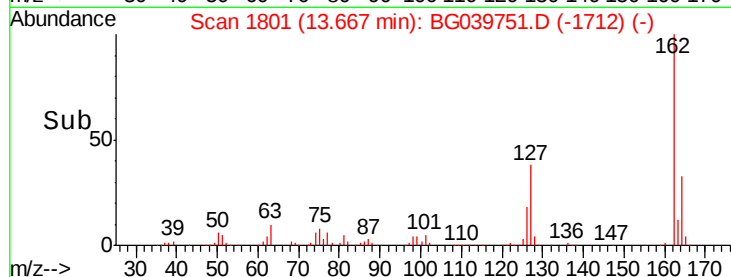
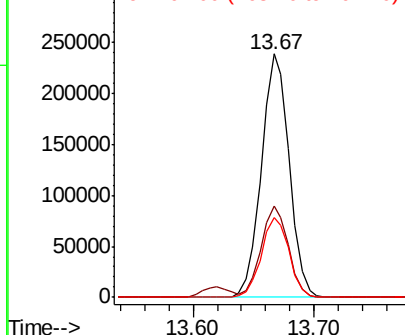
#47
 2-Chloronaphthalene
 Concen: 40.586 ng
 RT: 13.67 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG039751.D
 Acq: 5 Mar 2019 4:39

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 162 Resp: 382391
 Ion Ratio Lower Upper
 162 100
 127 37.7 31.0 46.6
 164 32.5 25.7 38.5

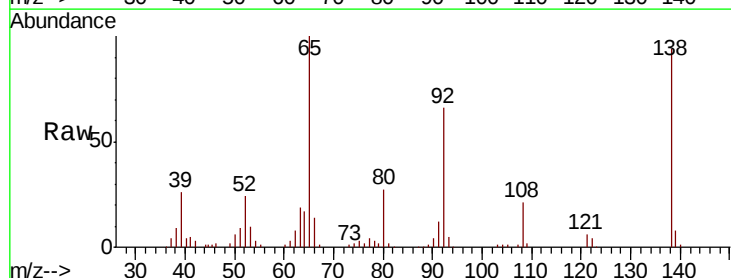


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

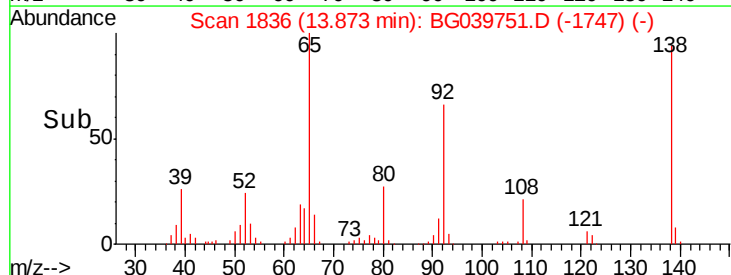
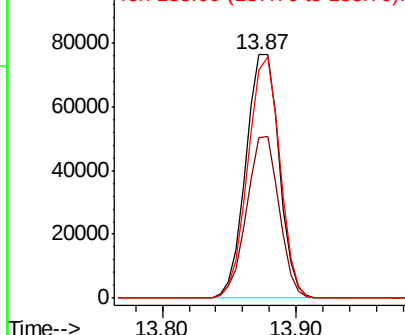


#48
 2-Nitroaniline
 Concen: 43.211 ng
 RT: 13.87 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BG039751.D
 Acq: 5 Mar 2019 4:39

Tgt Ion: 65 Resp: 130839
 Ion Ratio Lower Upper
 65 100
 92 65.9 51.4 77.2
 138 93.9 71.4 107.2



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





#49

Acenaphthylene

Concen: 40.546 ng

RT: 14.51 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

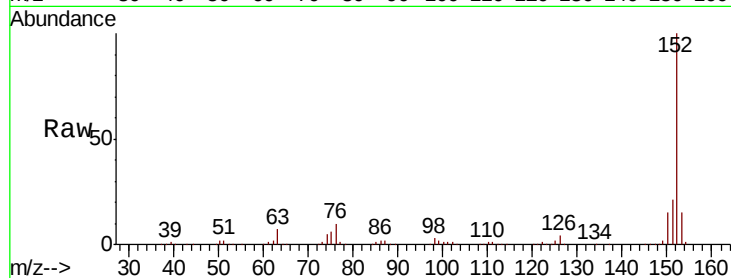
Tgt Ion:152 Resp: 627125

Ion Ratio Lower Upper

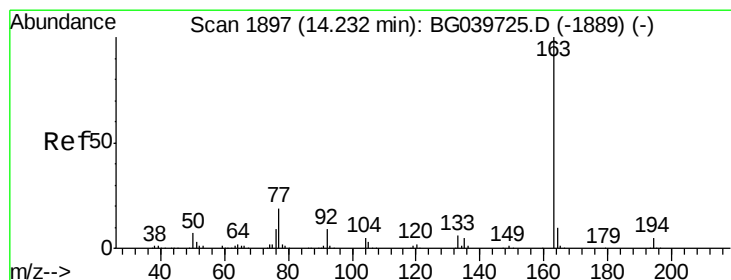
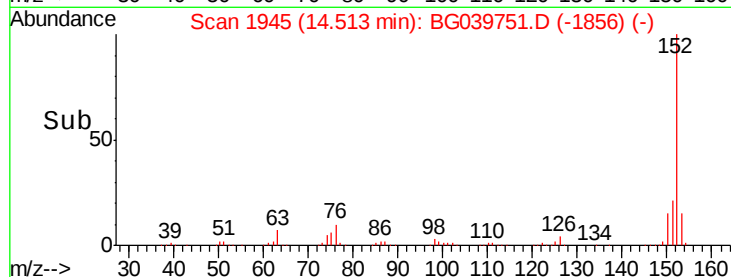
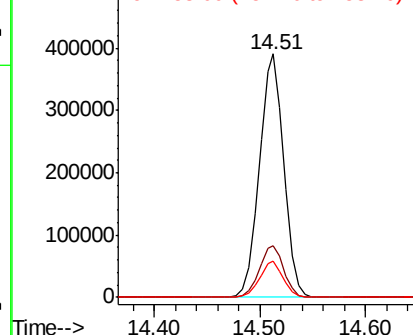
152 100

151 21.0 16.8 25.2

153 15.0 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.020 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

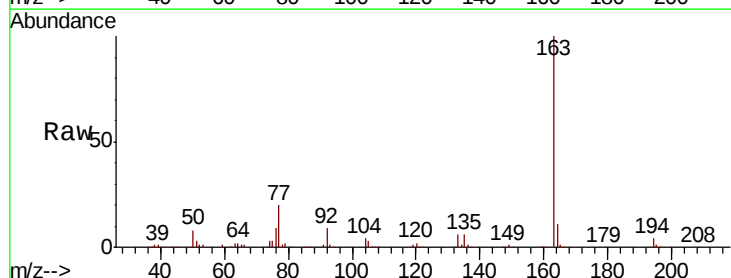
Tgt Ion:163 Resp: 509568

Ion Ratio Lower Upper

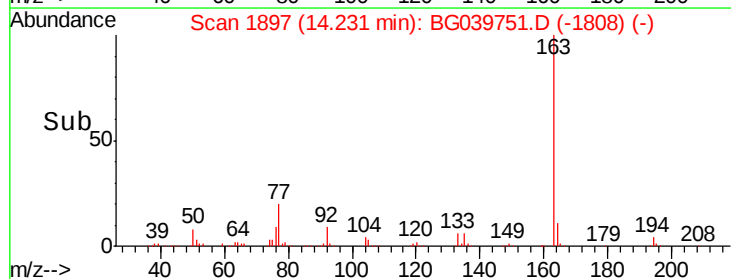
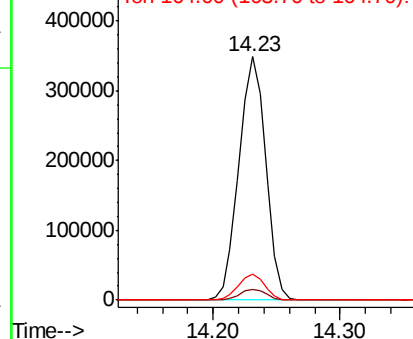
163 100

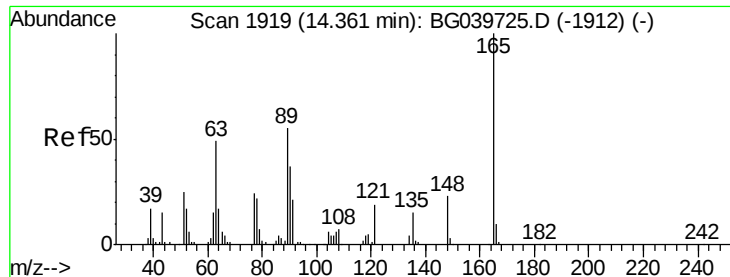
194 4.4 3.6 5.4

164 10.5 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

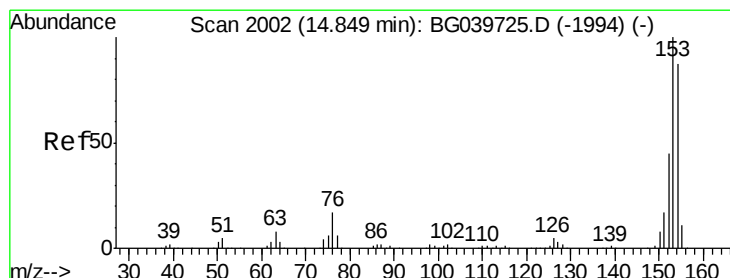
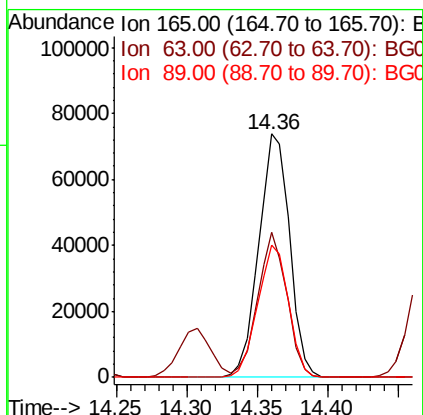
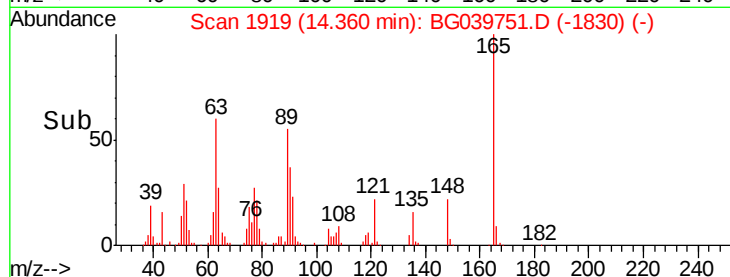
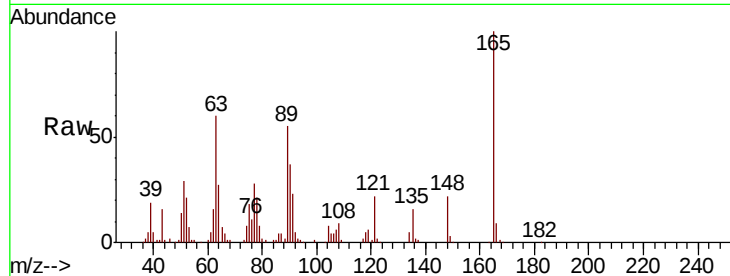




#51
 2,6-Dinitrotoluene
 Concen: 42.020 ng
 RT: 14.36 min Scan# 1919
 Delta R.T. -0.01 min
 Lab File: BG039751.D
 Acq: 5 Mar 2019 4:39

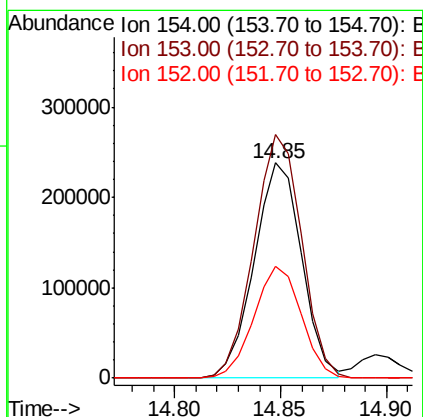
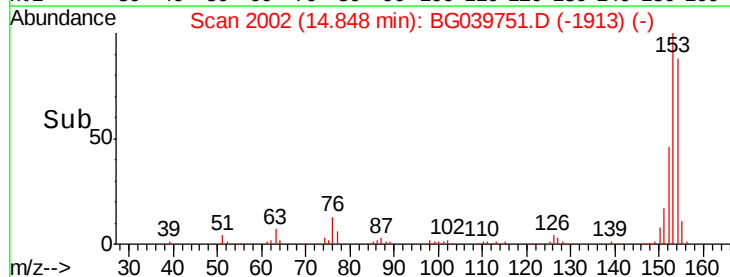
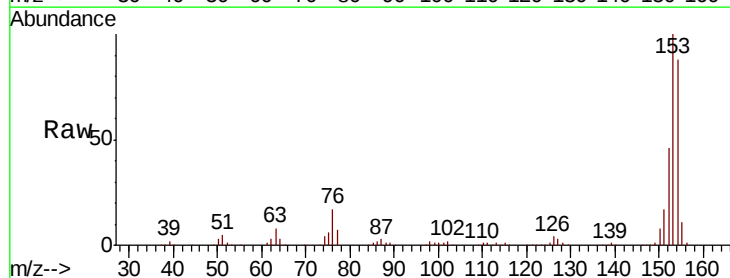
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

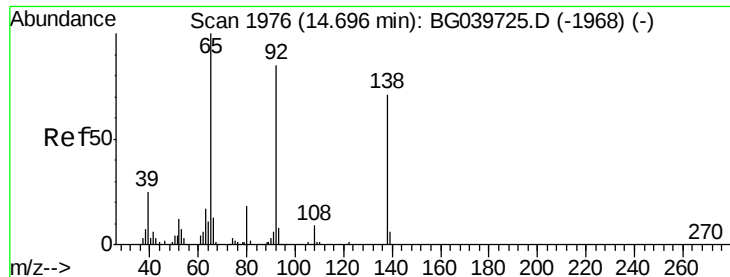
Tgt Ion:165 Resp: 113424
 Ion Ratio Lower Upper
 165 100
 63 59.6 47.0 70.6
 89 54.6 45.8 68.8



#52
 Acenaphthene
 Concen: 40.075 ng
 RT: 14.85 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BG039751.D
 Acq: 5 Mar 2019 4:39

Tgt Ion:154 Resp: 373064
 Ion Ratio Lower Upper
 154 100
 153 113.3 90.1 135.1
 152 51.8 40.9 61.3





#53

3-Nitroaniline

Concen: 42.643 ng

RT: 14.69 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

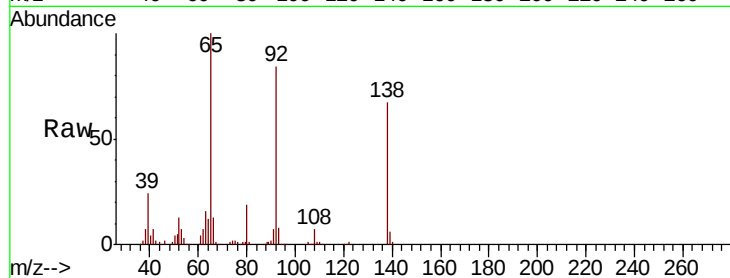
Tgt Ion:138 Resp: 115706

Ion Ratio Lower Upper

138 100

108 11.0 13.8 20.8#

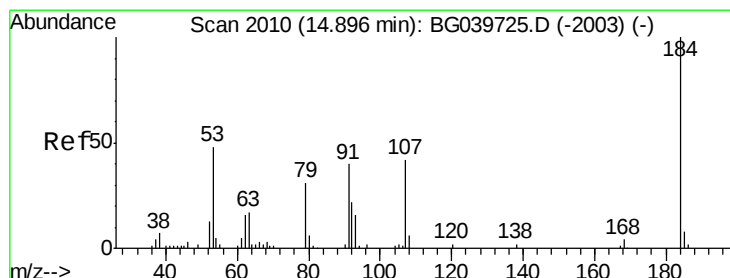
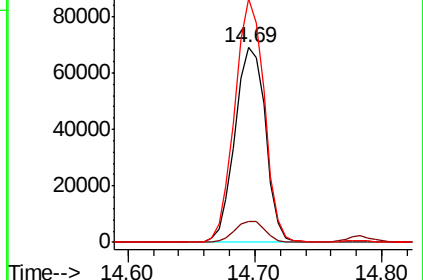
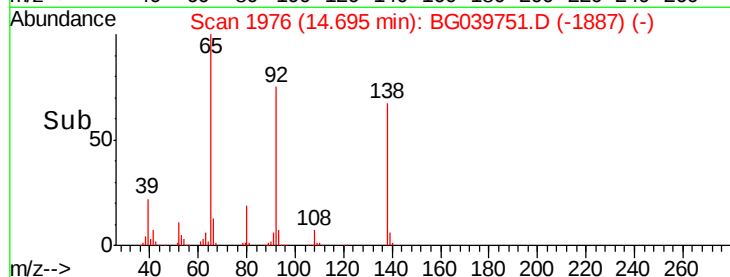
92 125.2 103.7 155.5



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: 39.140 ng

RT: 14.89 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

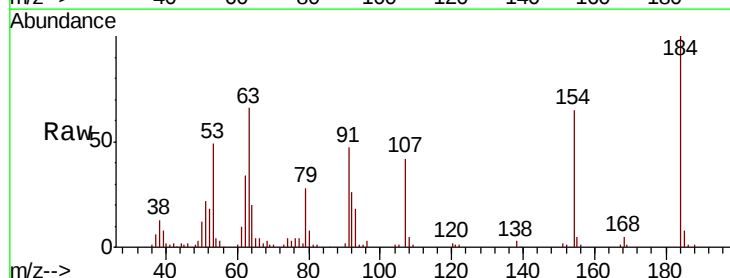
Tgt Ion:184 Resp: 61736

Ion Ratio Lower Upper

184 100

63 65.8 50.9 76.3

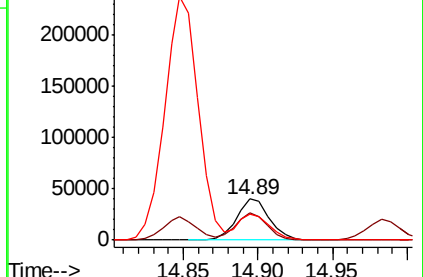
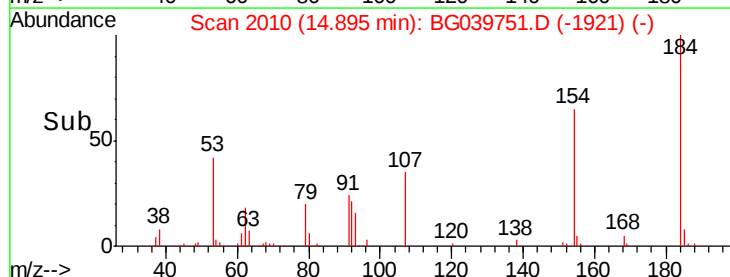
154 64.8 53.0 79.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

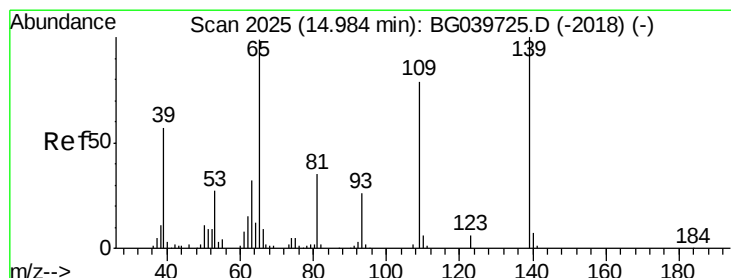
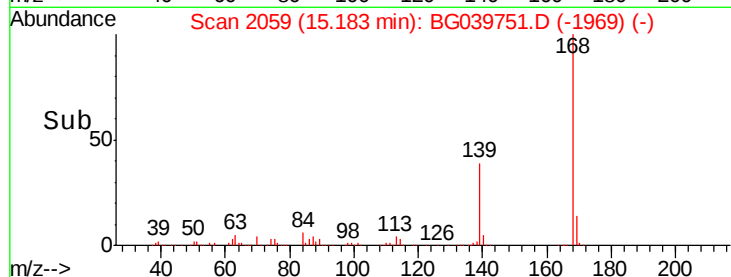
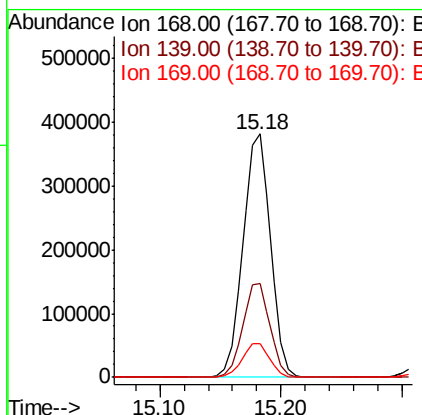
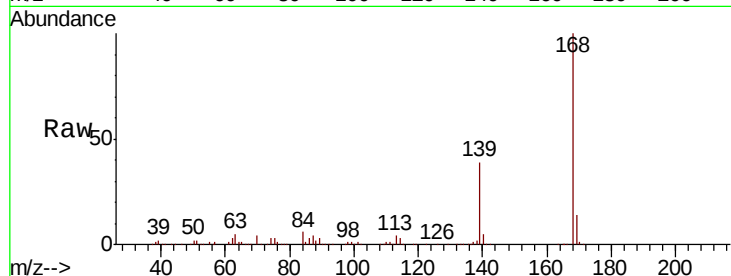




#55
Dibenzenofuran
Concen: 39.650 ng
RT: 15.18 min Scan# 2059
Delta R.T. -0.00 min
Lab File: BG039751.D
Acq: 5 Mar 2019 4:39

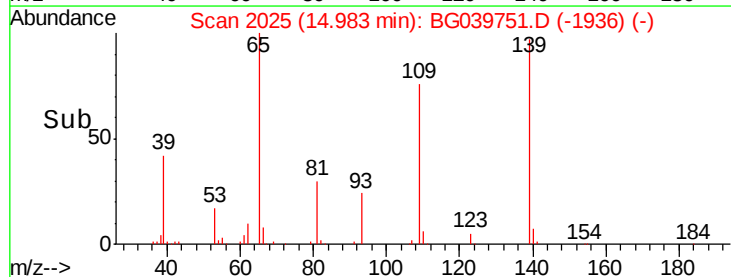
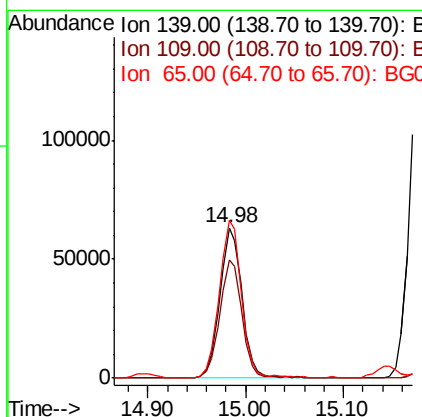
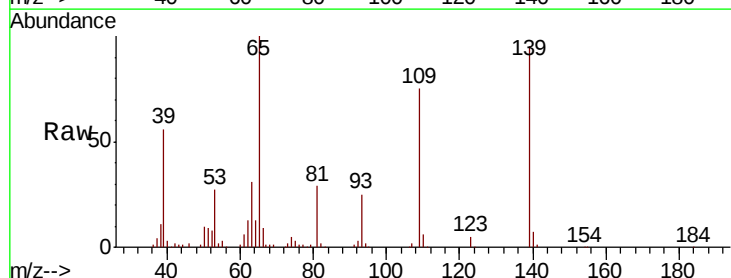
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

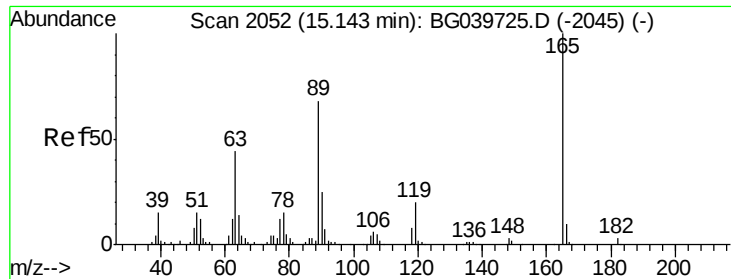
Tgt Ion:168 Resp: 605585
Ion Ratio Lower Upper
168 100
139 38.6 30.1 45.1
169 13.7 10.6 16.0



#56
4-Nitrophenol
Concen: 41.117 ng
RT: 14.98 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BG039751.D
Acq: 5 Mar 2019 4:39

Tgt Ion:139 Resp: 99803
Ion Ratio Lower Upper
139 100
109 78.6 61.9 101.9
65 105.4 99.1 139.1





#57

2,4-Dinitrotoluene

Concen: 42.805 ng

RT: 15.15 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 162352

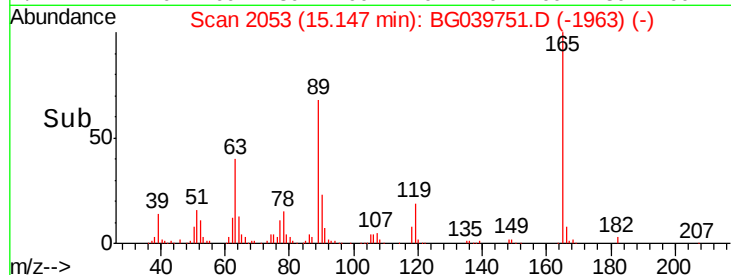
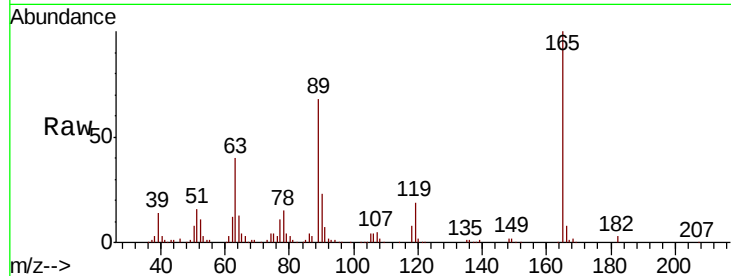
Ion Ratio Lower Upper

165 100

63 40.1 41.0 61.6#

89 68.0 64.6 96.8

182 2.7 2.0 3.0

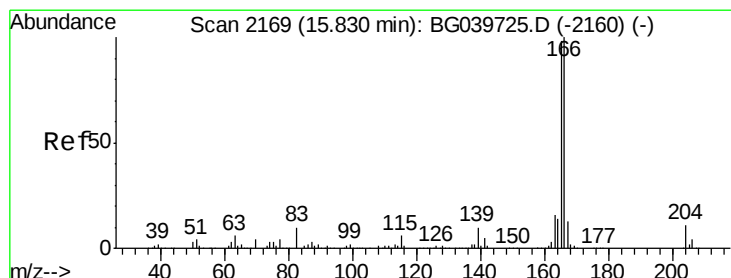
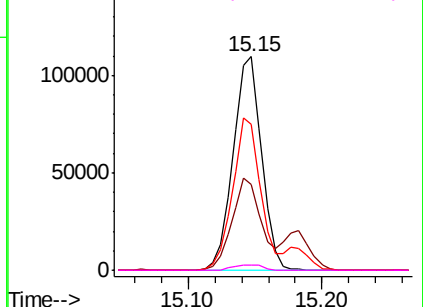


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 40.502 ng

RT: 15.83 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

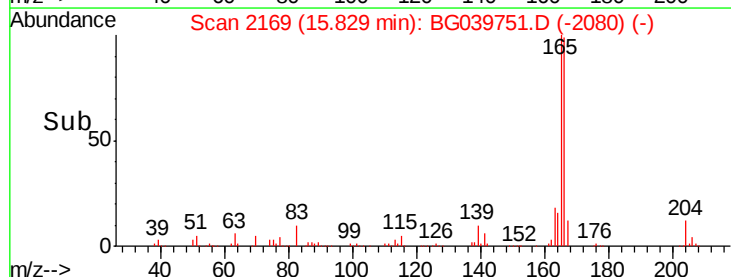
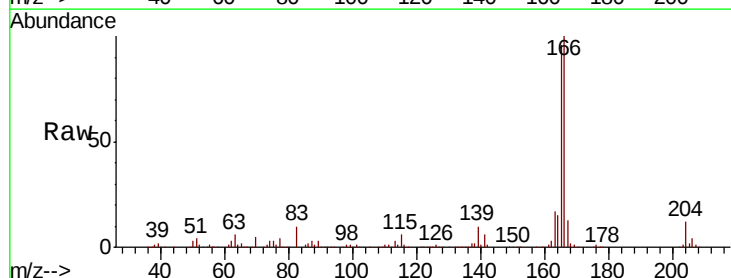
Tgt Ion:166 Resp: 486310

Ion Ratio Lower Upper

166 100

165 96.4 77.9 116.9

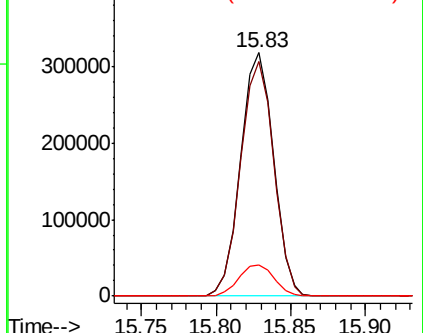
167 13.0 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

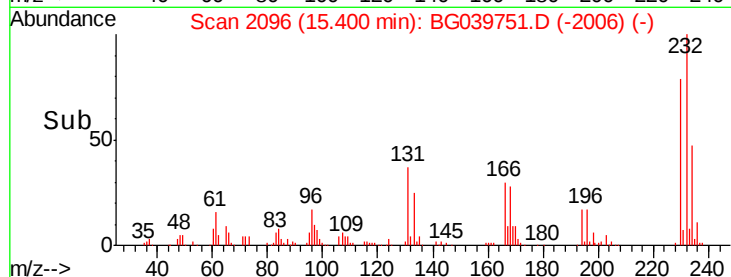
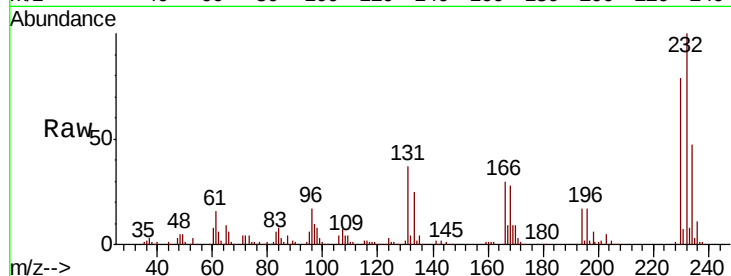




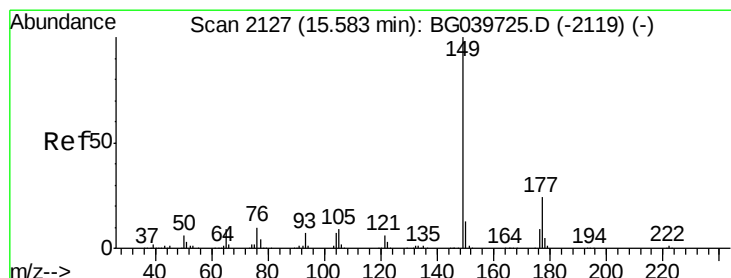
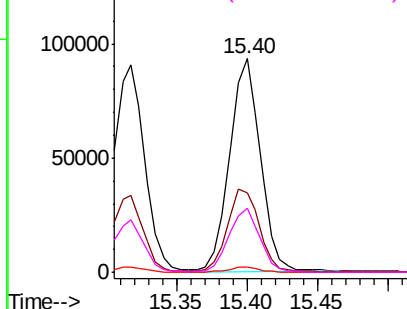
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.707 ng
RT: 15.40 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BG039751.D
Acq: 5 Mar 2019 4:39

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:	232	Resp:	141986
Ion	Ratio	Lower	Upper
232	100		
131	40.0	34.9	52.3
130	2.3	2.0	3.0
166	30.1	24.1	36.1

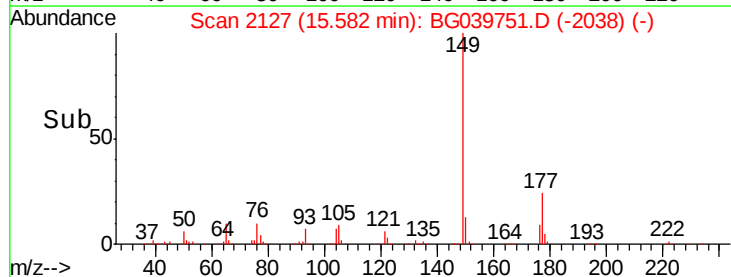
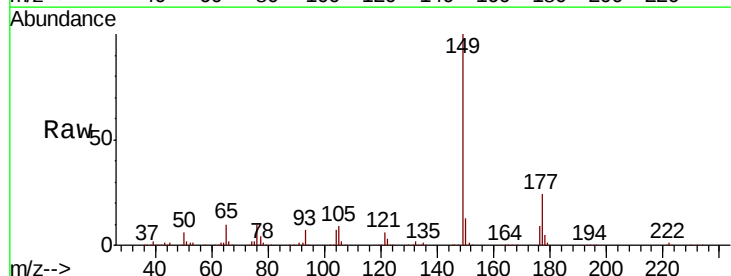


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

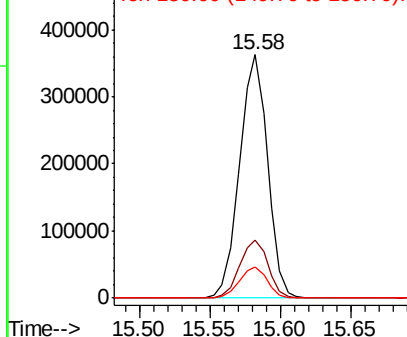


#60
Diethylphthalate
Concen: 39.710 ng
RT: 15.58 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BG039751.D
Acq: 5 Mar 2019 4:39

Tgt Ion:	149	Resp:	500531
Ion	Ratio	Lower	Upper
149	100		
177	24.1	18.3	27.5
150	13.0	10.2	15.2



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

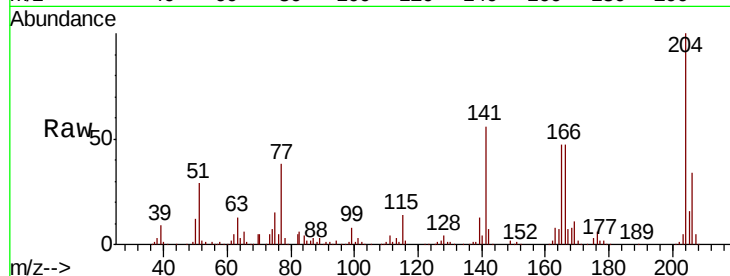




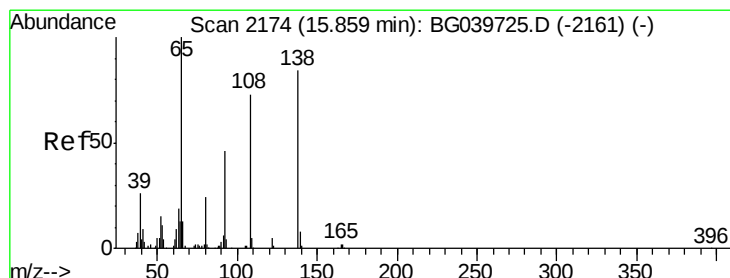
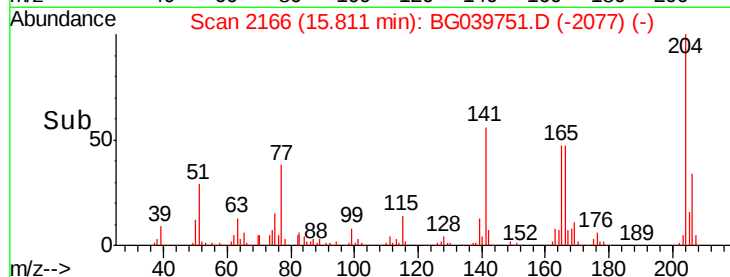
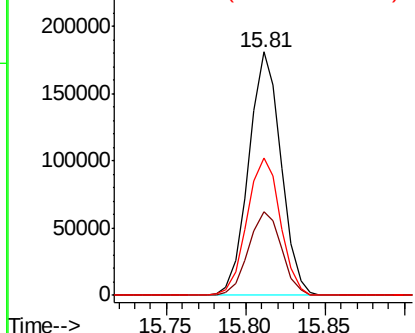
#61
 4-Chlorophenyl-phenylether
 Concen: 39.863 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BG039751.D
 Acq: 5 Mar 2019 4:39

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 204 Resp: 255409
 Ion Ratio Lower Upper
 204 100
 206 34.2 29.2 43.8
 141 56.4 49.0 73.4

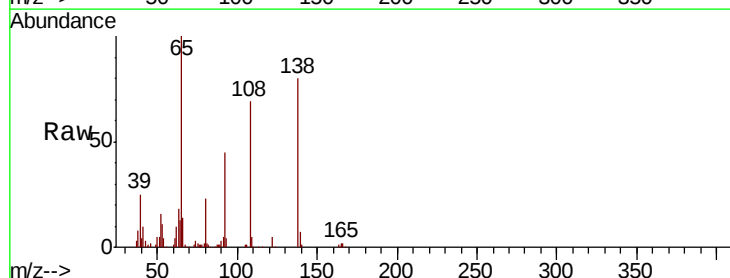


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

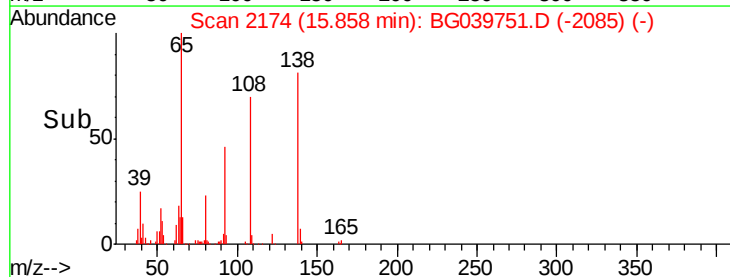
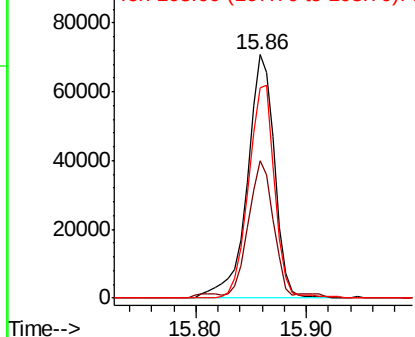


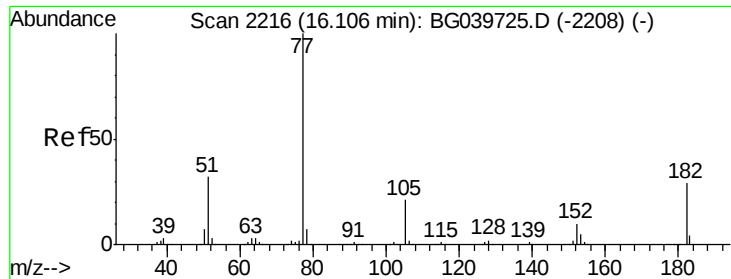
#62
 4-Nitroaniline
 Concen: 41.574 ng
 RT: 15.86 min Scan# 2174
 Delta R.T. -0.01 min
 Lab File: BG039751.D
 Acq: 5 Mar 2019 4:39

Tgt Ion: 138 Resp: 122295
 Ion Ratio Lower Upper
 138 100
 92 56.6 38.7 78.7
 108 86.5 74.6 114.6



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





#63

Azobenzene

Concen: 40.085 ng

RT: 16.10 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 458000

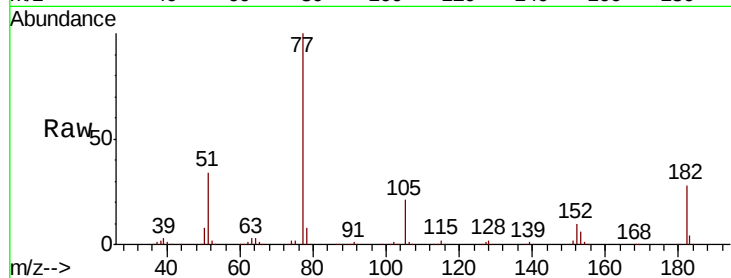
Ion Ratio Lower Upper

77 100

182 28.1 6.4 46.4

105 20.9 0.0 39.8

51 33.8 14.1 54.1

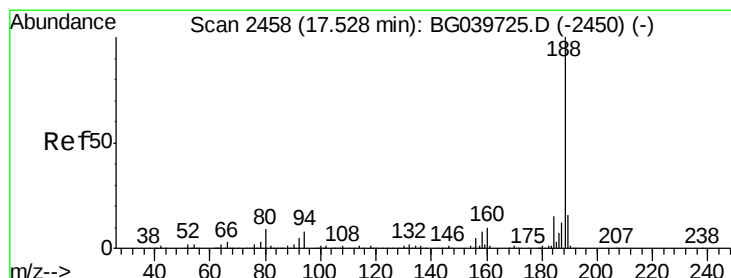
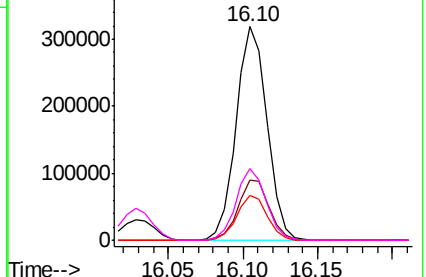
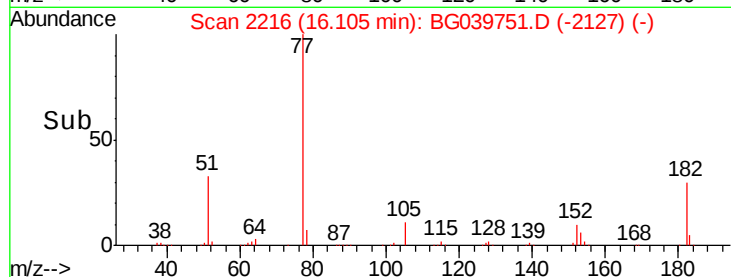


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.53 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

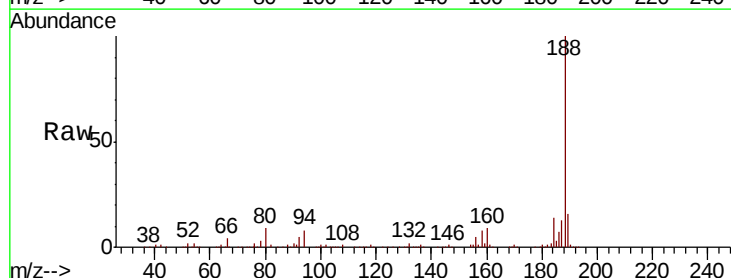
Tgt Ion: 188 Resp: 358634

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

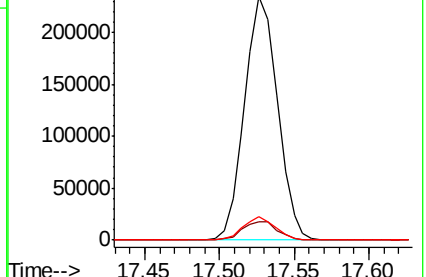
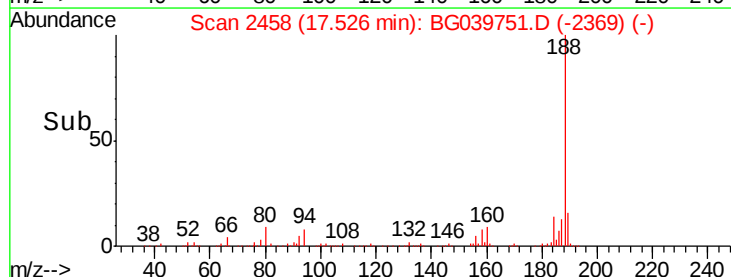
80 9.5 8.1 12.1

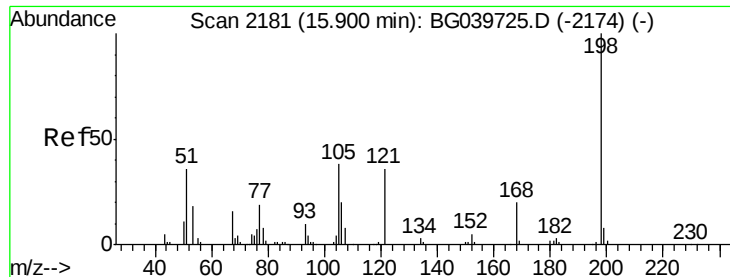


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

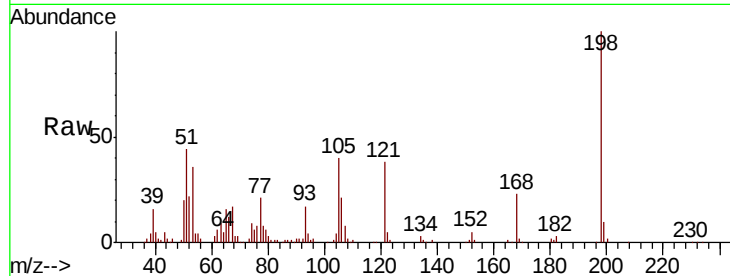




#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.080 ng
 RT: 15.90 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BG039751.D
 Acq: 5 Mar 2019 4:39

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Resp	Lower	Upper
198	100		
51	43.8	27.4	67.4
105	39.8	19.7	59.7

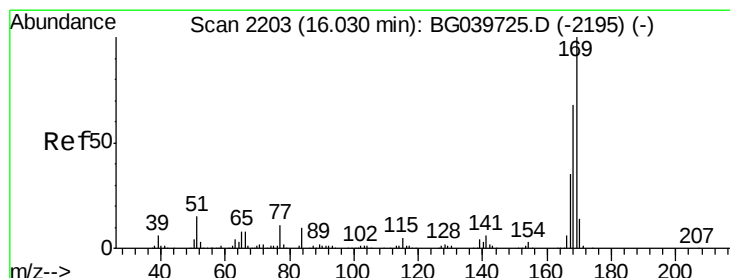
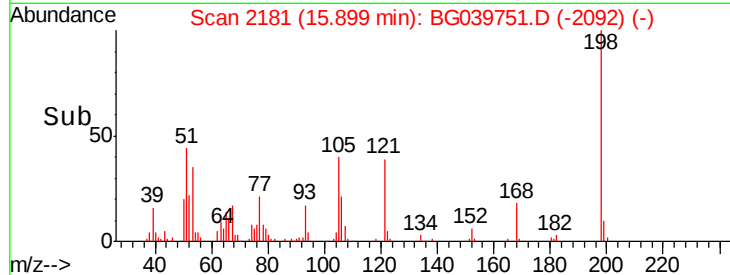
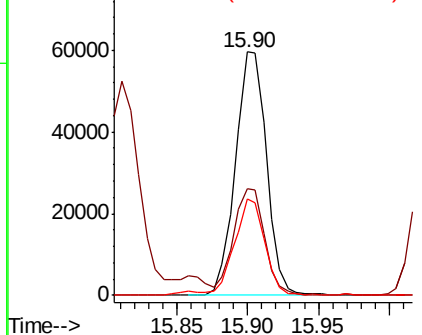


Abundance

Ion 198.00 (197.70 to 198.70): E

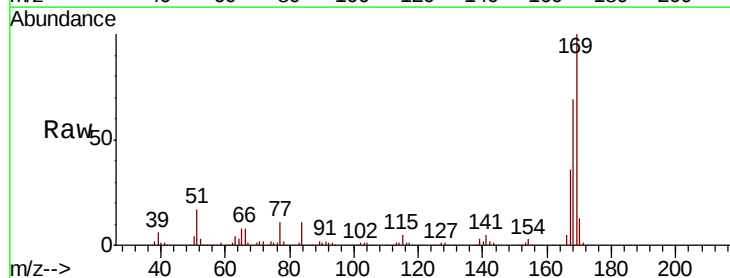
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66
 n-Nitrosodiphenylamine
 Concen: 41.520 ng
 RT: 16.03 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BG039751.D
 Acq: 5 Mar 2019 4:39

Tgt Ion	Resp	Lower	Upper
169	100		
168	68.7	56.6	85.0
167	35.7	28.8	43.2

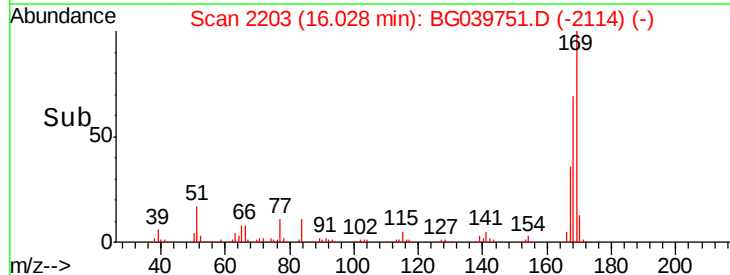
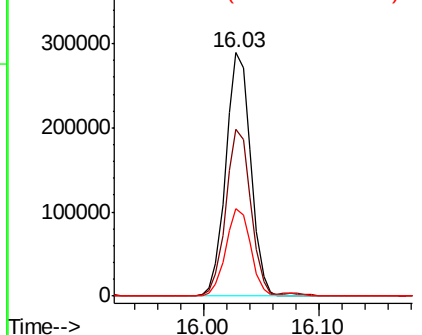


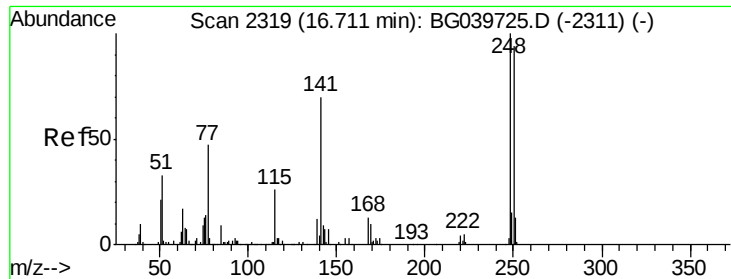
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

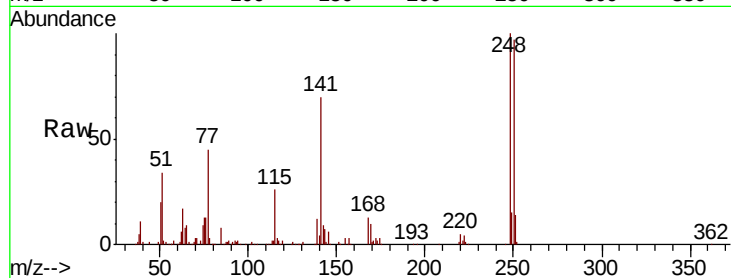




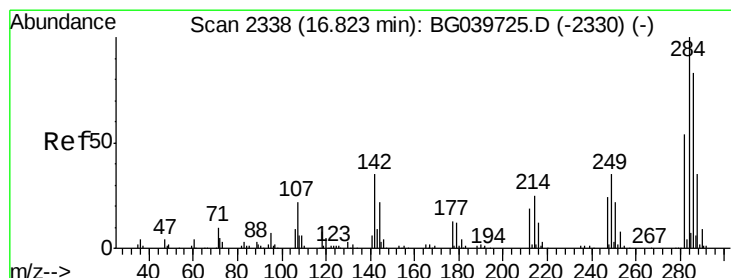
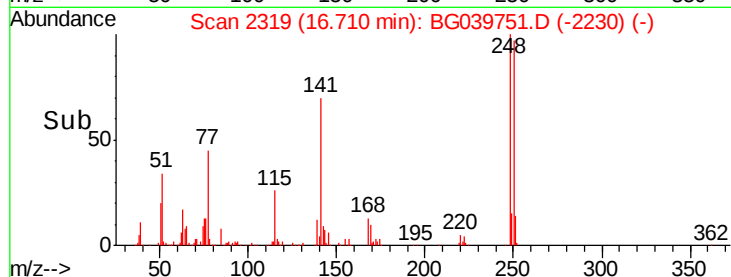
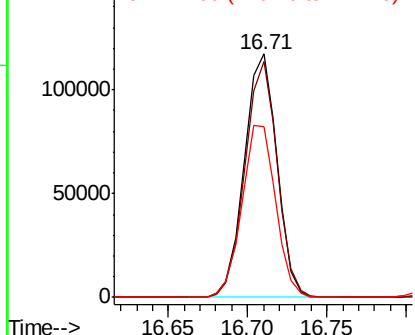
#67
4-Bromophenyl-phenylether
Concen: 41.798 ng
RT: 16.71 min Scan# 2319
Delta R.T. -0.01 min
Lab File: BG039751.D
Acq: 5 Mar 2019 4:39

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 167789
Ion Ratio Lower Upper
248 100
250 97.0 77.6 116.4
141 70.2 63.9 95.9

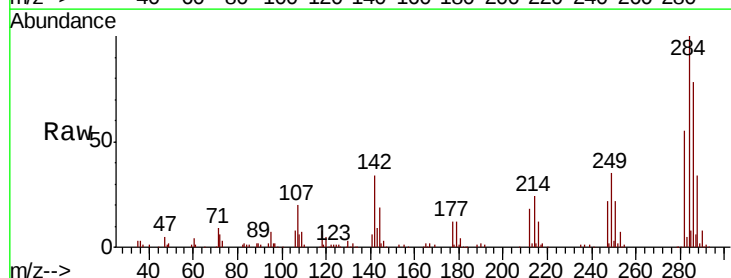


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

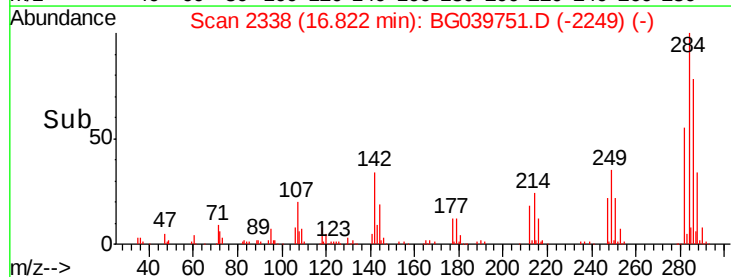
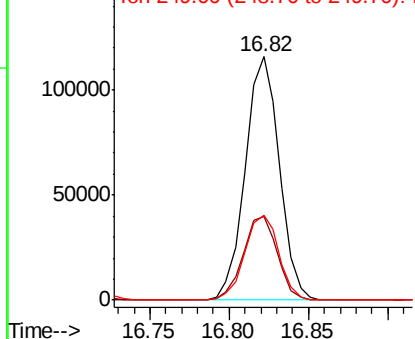


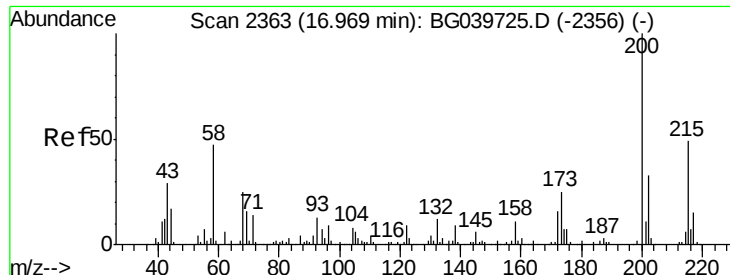
#68
Hexachlorobenzene
Concen: 41.537 ng
RT: 16.82 min Scan# 2338
Delta R.T. -0.01 min
Lab File: BG039751.D
Acq: 5 Mar 2019 4:39

Tgt Ion:284 Resp: 172838
Ion Ratio Lower Upper
284 100
142 34.4 30.6 45.8
249 35.1 28.2 42.2



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





#69

Atrazine

Concen: 41.735 ng

RT: 16.97 min Scan# 2363

Delta R.T. -0.00 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

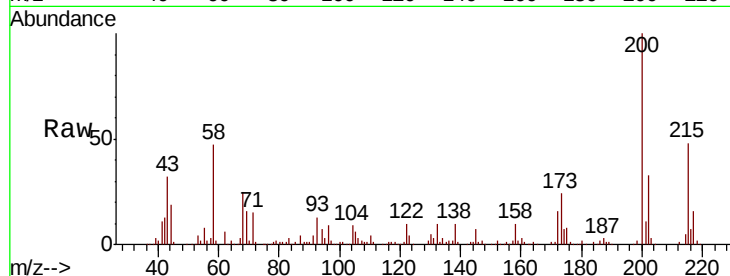
Tgt Ion:200 Resp: 170535

Ion Ratio Lower Upper

200 100

173 23.9 3.9 43.9

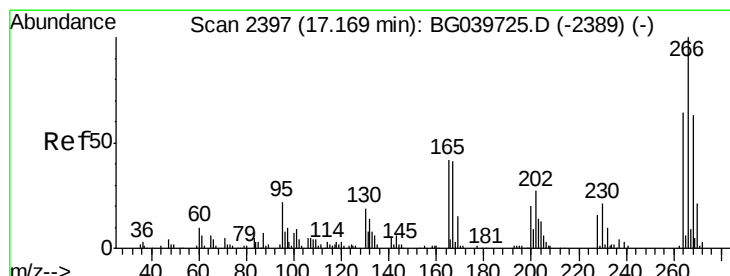
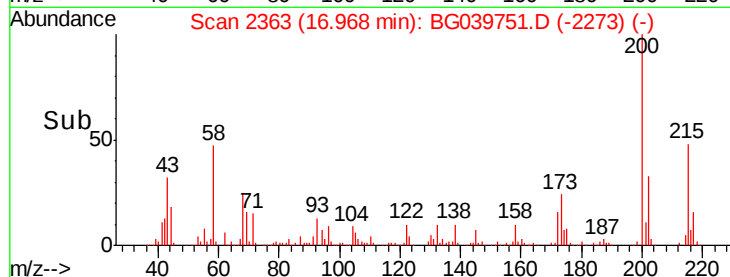
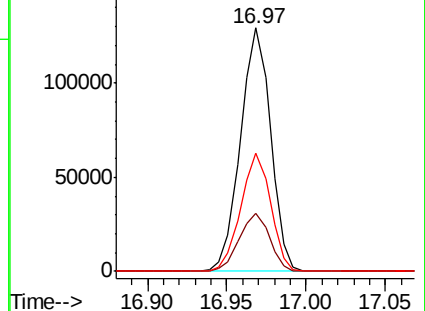
215 48.4 30.9 70.9



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: 42.960 ng

RT: 17.17 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

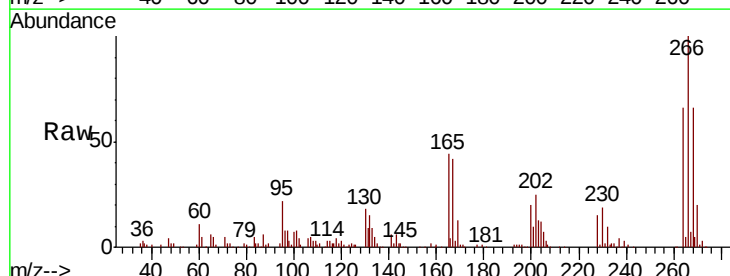
Tgt Ion:266 Resp: 112897

Ion Ratio Lower Upper

266 100

268 66.3 51.1 76.7

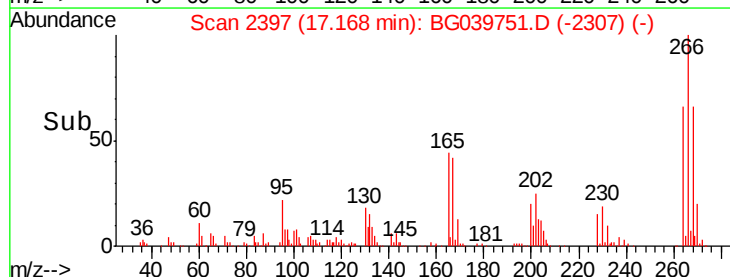
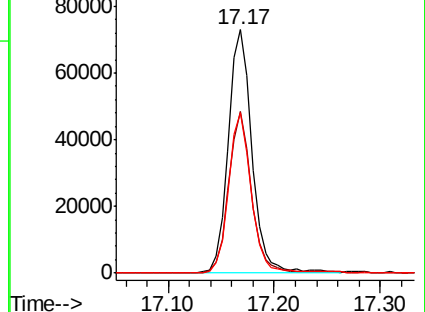
264 65.9 52.1 78.1

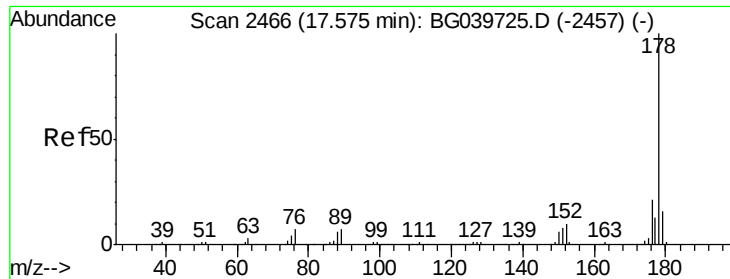


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

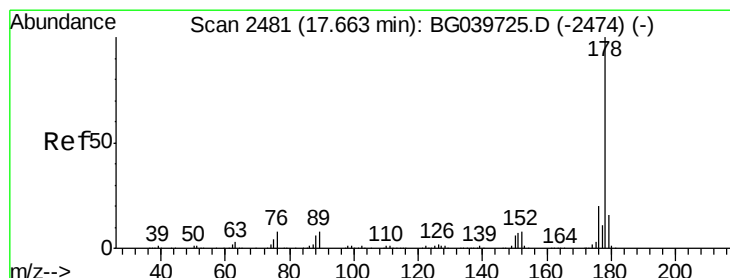
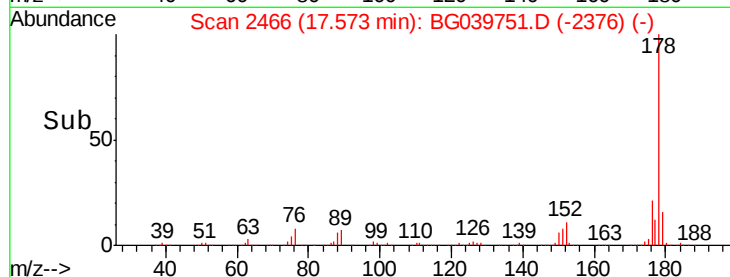
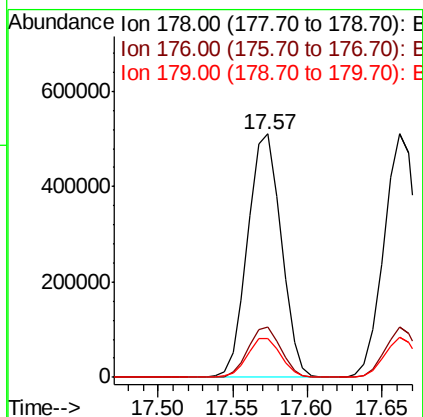
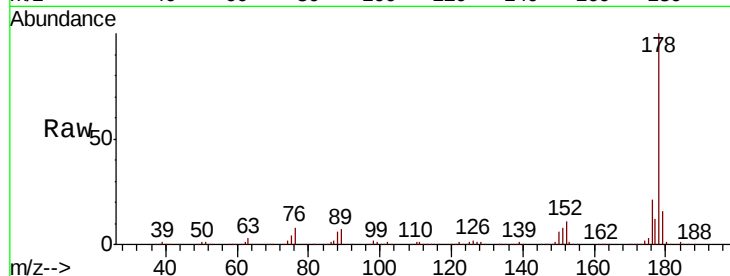




#71
 Phenanthrene
 Concen: 40.254 ng
 RT: 17.57 min Scan# 2466
 Delta R.T. -0.00 min
 Lab File: BG039751.D
 Acq: 5 Mar 2019 4:39

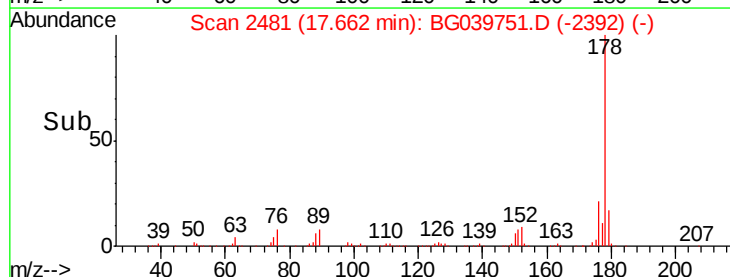
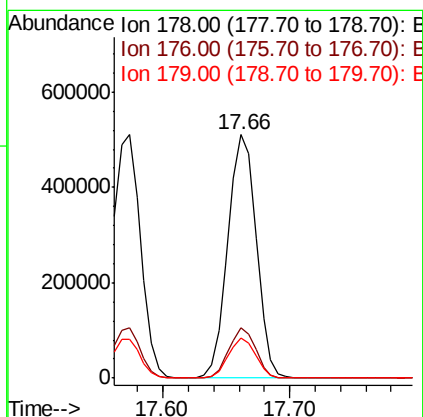
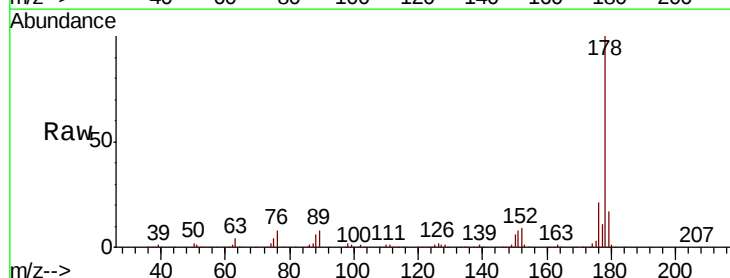
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

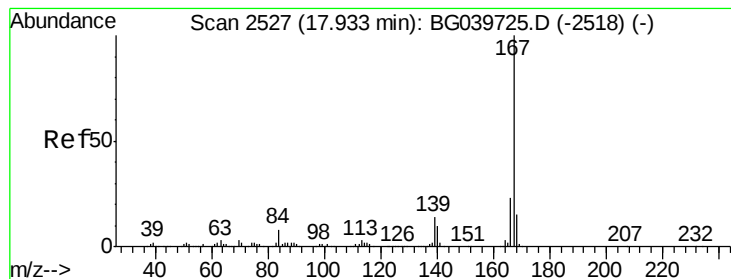
Tgt Ion:178 Resp: 795174
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.2 24.4
 179 15.9 12.6 19.0



#72
 Anthracene
 Concen: 41.047 ng
 RT: 17.66 min Scan# 2481
 Delta R.T. -0.01 min
 Lab File: BG039751.D
 Acq: 5 Mar 2019 4:39

Tgt Ion:178 Resp: 790152
 Ion Ratio Lower Upper
 178 100
 176 20.7 15.8 23.6
 179 16.7 12.5 18.7





#73

Carbazole

Concen: 40.501 ng

RT: 17.93 min Scan# 2527

Delta R.T. -0.01 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

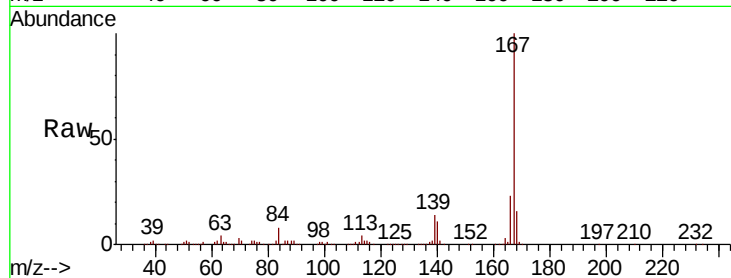
Tgt Ion:167 Resp: 702855

Ion Ratio Lower Upper

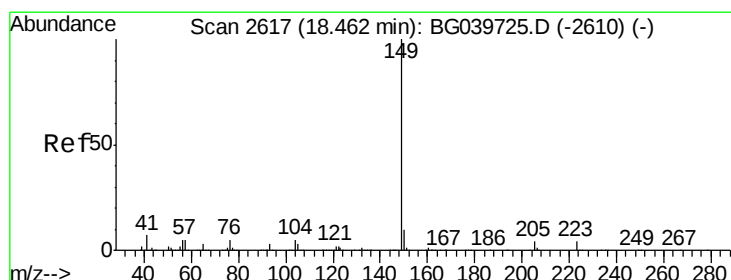
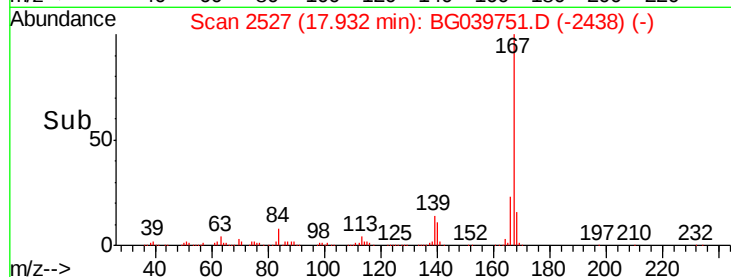
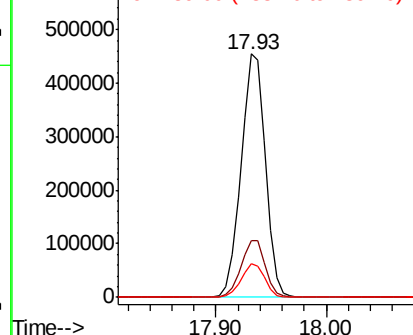
167 100

166 23.1 19.4 29.2

139 13.7 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.836 ng

RT: 18.46 min Scan# 2617

Delta R.T. -0.01 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

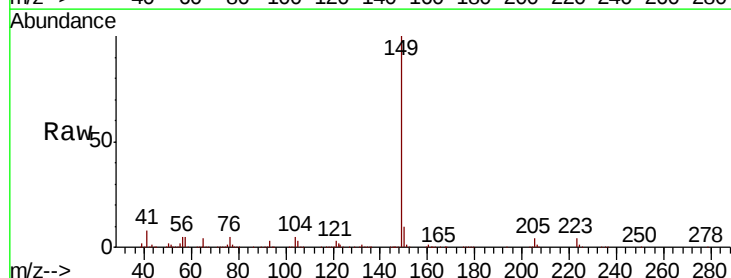
Tgt Ion:149 Resp: 833799

Ion Ratio Lower Upper

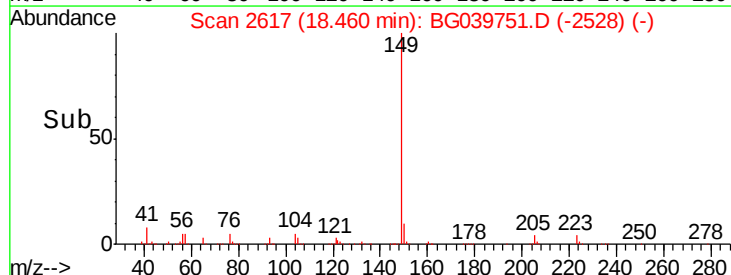
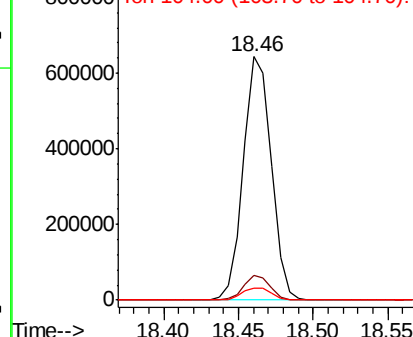
149 100

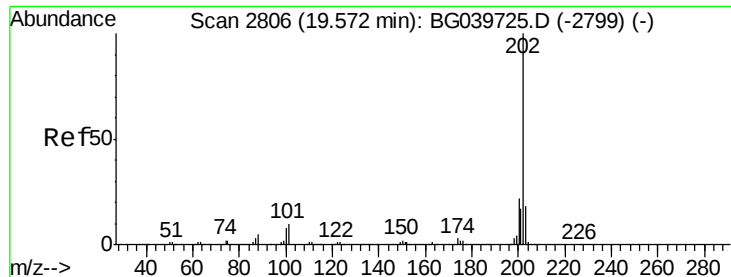
150 10.2 7.7 11.5

104 5.2 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.912 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

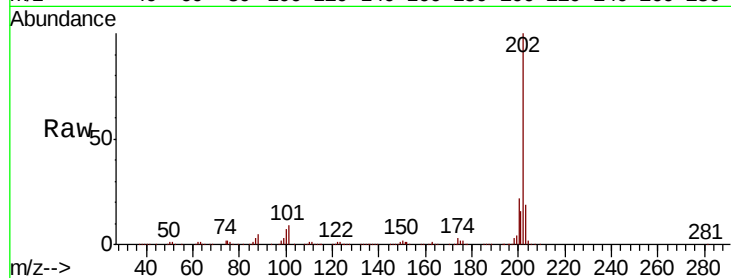
Tgt Ion:202 Resp: 931763

Ion Ratio Lower Upper

202 100

101 9.1 0.0 30.0

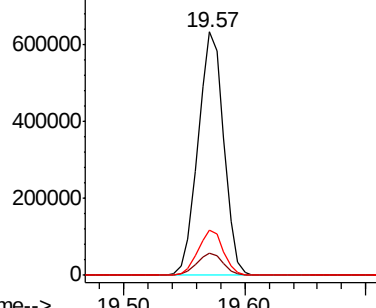
203 18.6 0.0 38.9



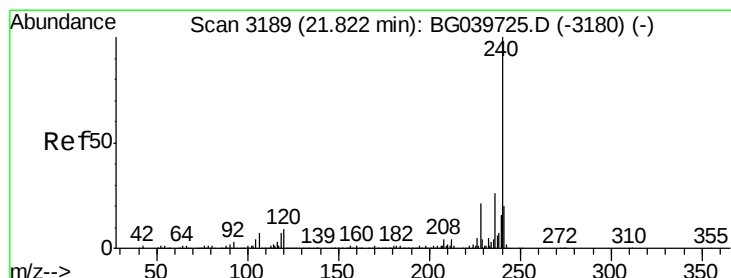
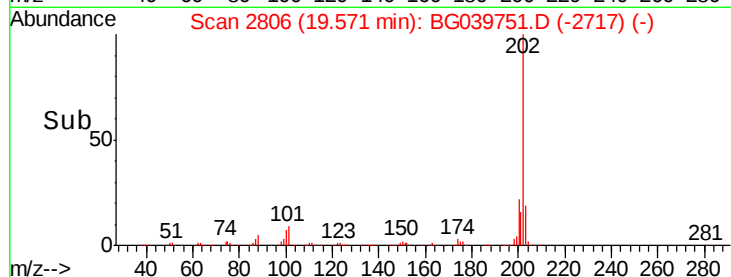
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

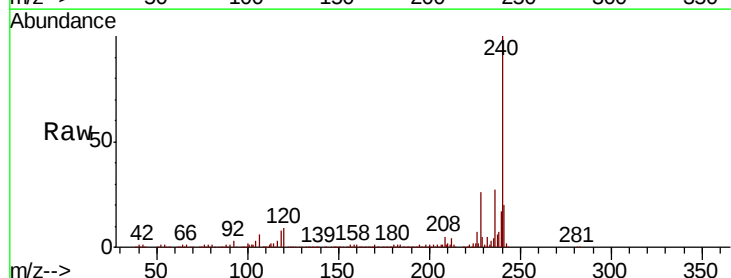
Tgt Ion:240 Resp: 356285

Ion Ratio Lower Upper

240 100

120 8.6 7.0 10.6

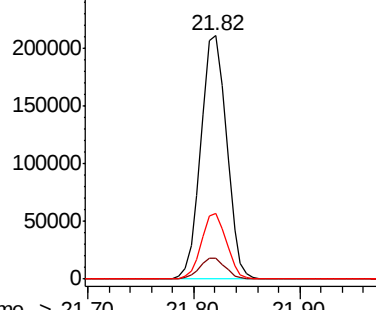
236 27.1 21.0 31.4



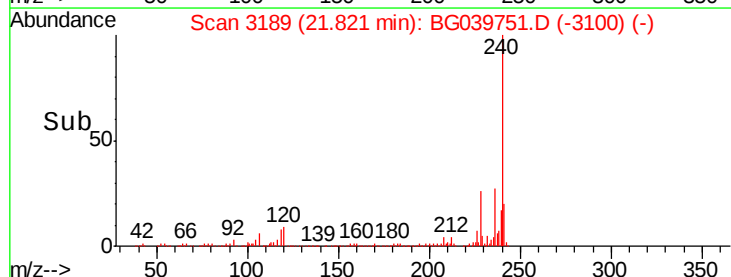
Abundance Ion 240.00 (239.70 to 240.70): E

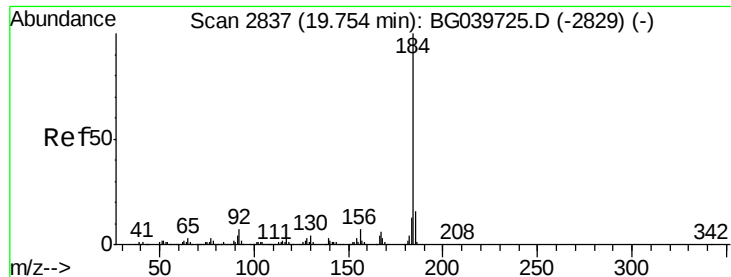
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 43.130 ng

RT: 19.75 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

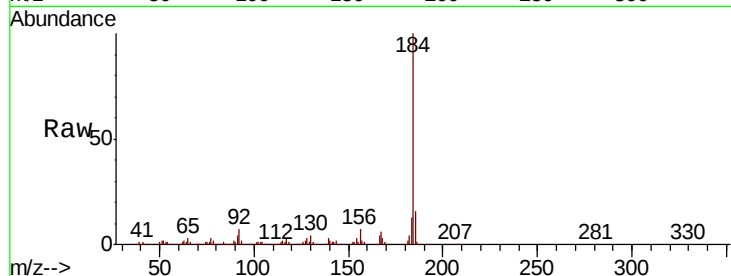
Tgt Ion:184 Resp: 487630

Ion Ratio Lower Upper

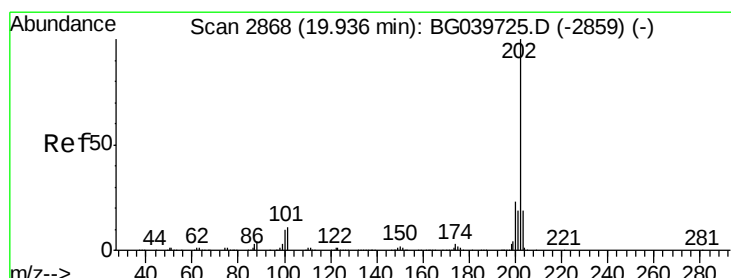
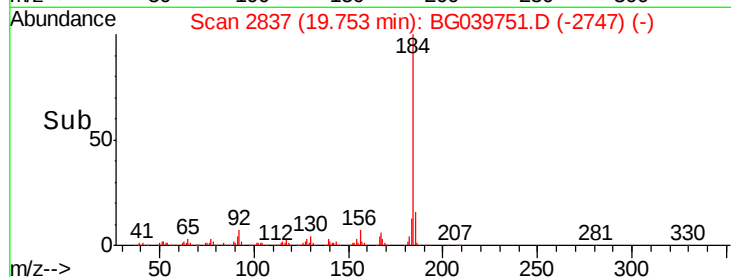
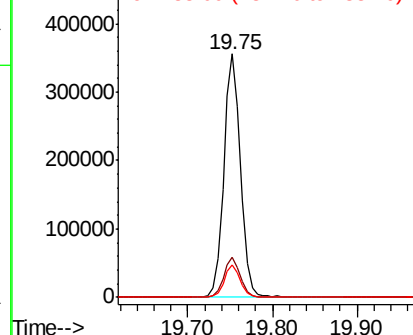
184 100

185 16.3 12.2 18.2

183 13.5 10.6 15.8



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: 40.358 ng

RT: 19.93 min Scan# 2868

Delta R.T. -0.01 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

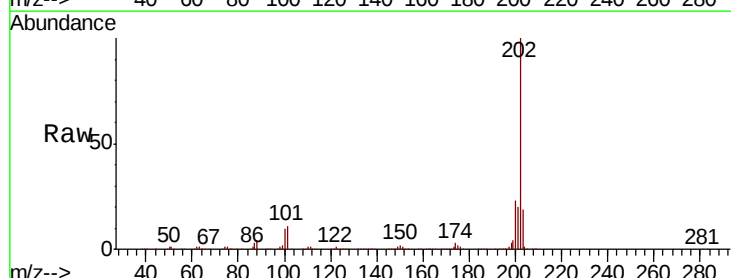
Tgt Ion:202 Resp: 934352

Ion Ratio Lower Upper

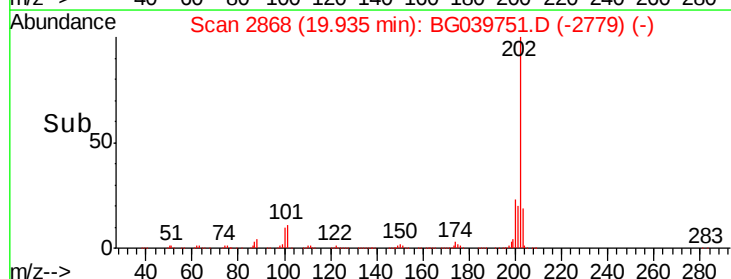
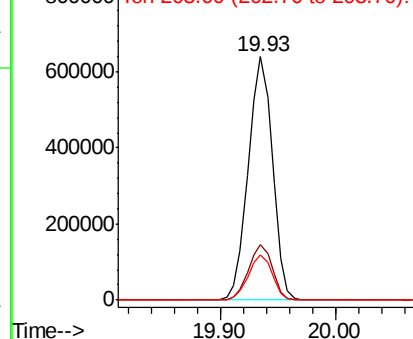
202 100

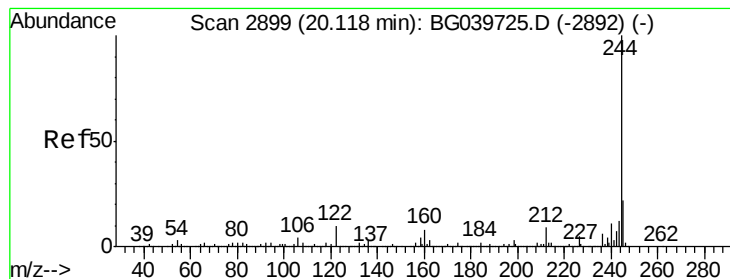
200 23.0 17.8 26.8

203 18.7 15.3 22.9



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: 77.781 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.00 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

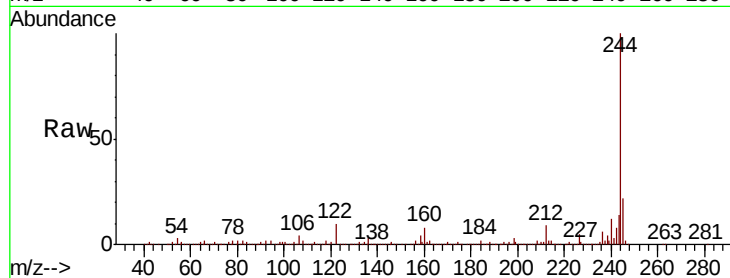
Tgt Ion:244 Resp: 1258616

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

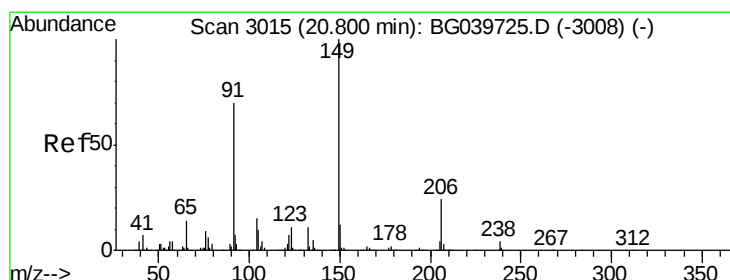
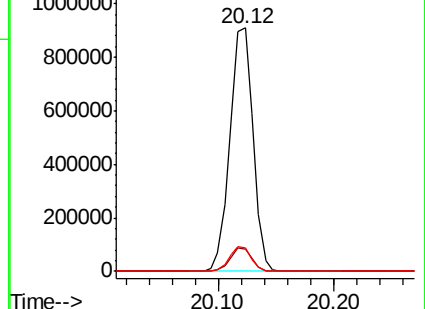
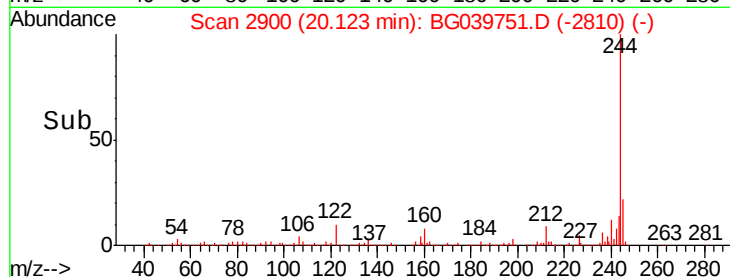
122 9.5 8.4 12.6



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: 42.517 ng

RT: 20.80 min Scan# 3015

Delta R.T. -0.01 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

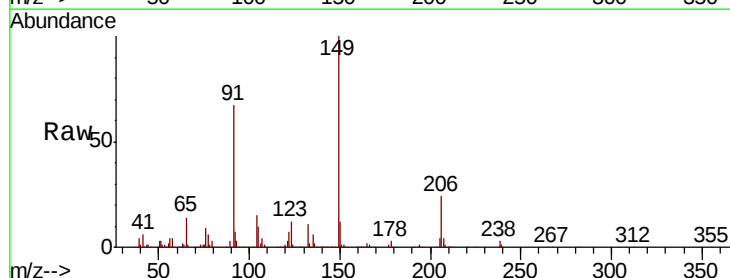
Tgt Ion:149 Resp: 381360

Ion Ratio Lower Upper

149 100

91 67.3 59.5 89.3

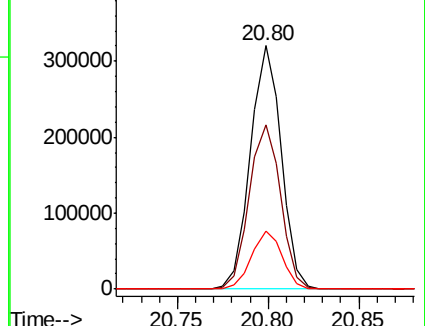
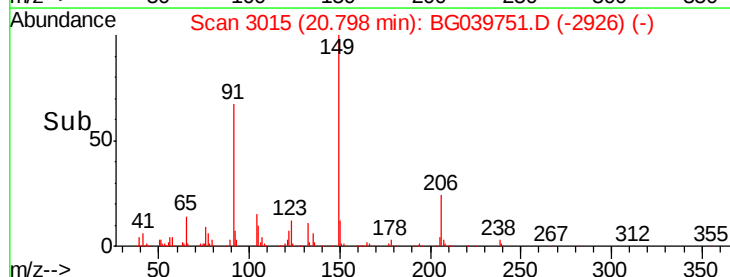
206 23.9 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.326 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.01 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

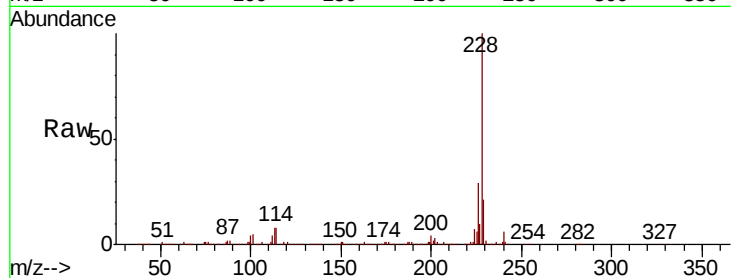
Tgt Ion:228 Resp: 900448

Ion Ratio Lower Upper

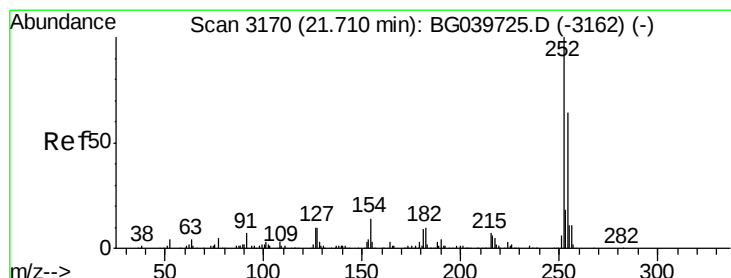
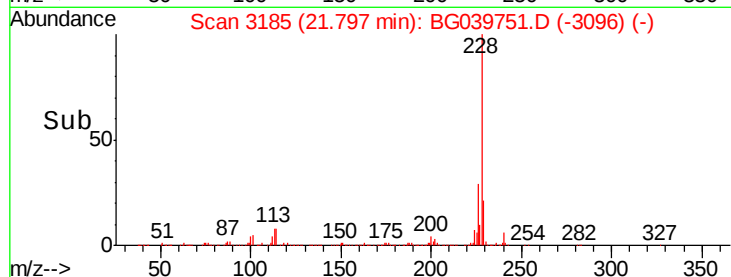
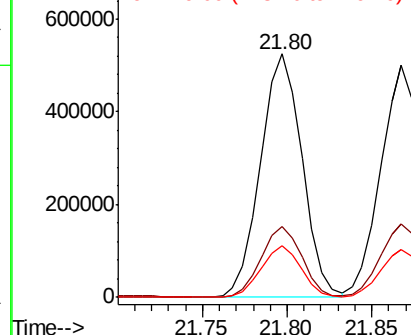
228 100

226 29.1 23.0 34.6

229 21.0 16.9 25.3



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: 41.681 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

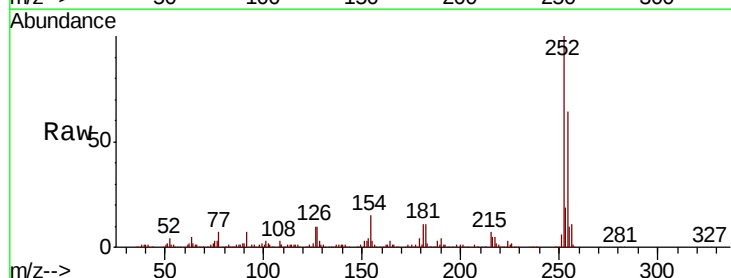
Tgt Ion:252 Resp: 339800

Ion Ratio Lower Upper

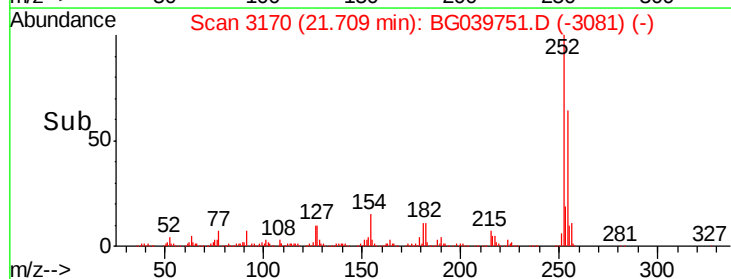
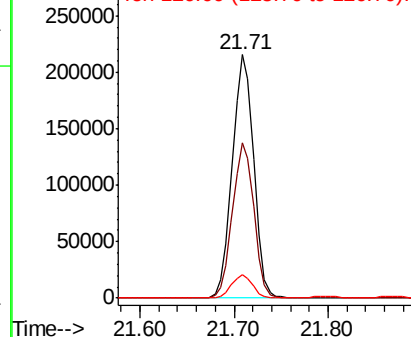
252 100

254 64.0 51.3 76.9

126 9.8 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.529 ng

RT: 21.87 min Scan# 3197

Delta R.T. -0.01 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

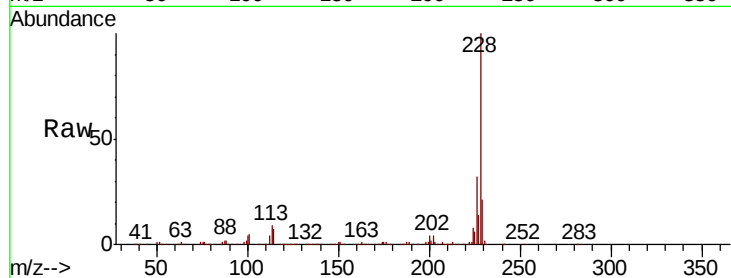
Tgt Ion: 228 Resp: 855719

Ion Ratio Lower Upper

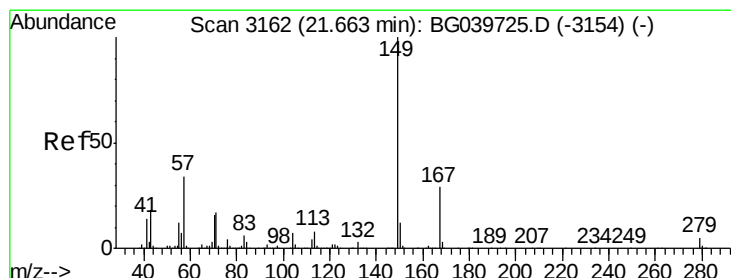
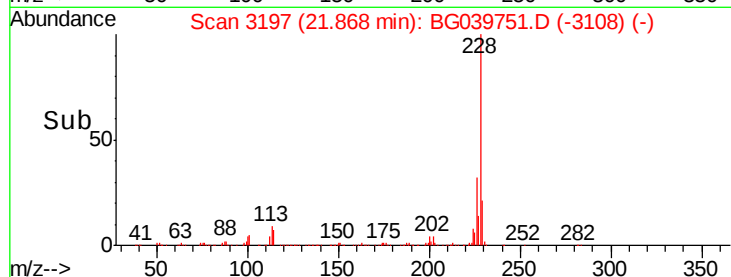
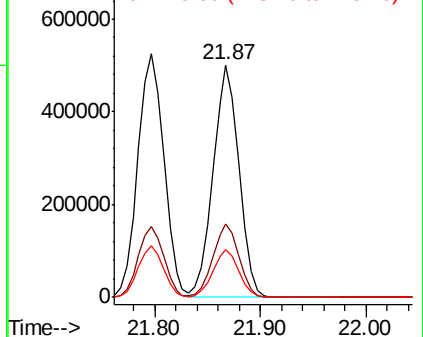
228 100

226 31.8 25.8 38.6

229 20.8 16.6 25.0



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: 42.143 ng

RT: 21.66 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

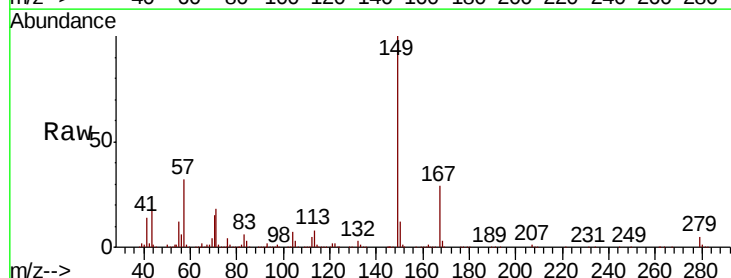
Tgt Ion: 149 Resp: 531184

Ion Ratio Lower Upper

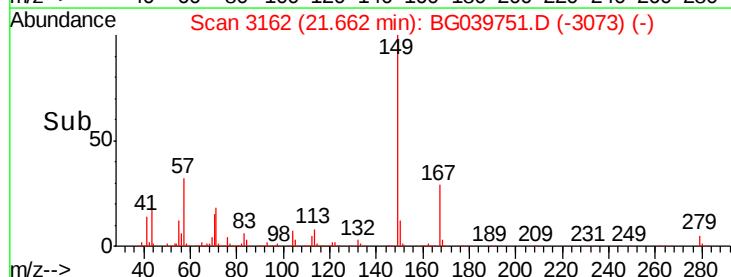
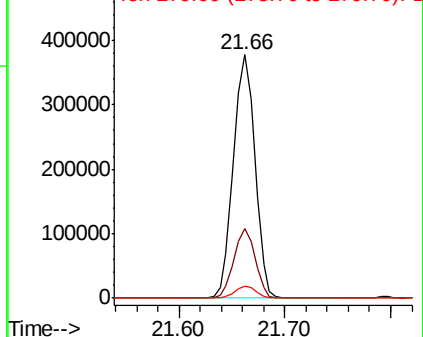
149 100

167 28.7 22.6 34.0

279 4.9 3.5 5.3



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

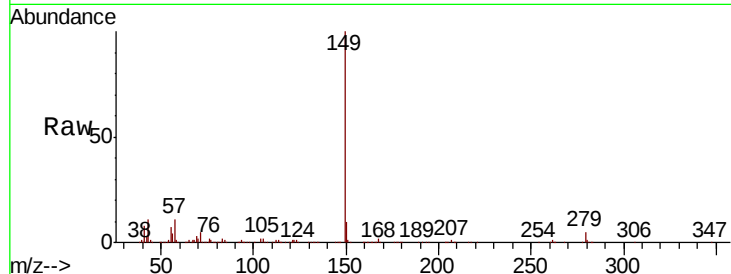




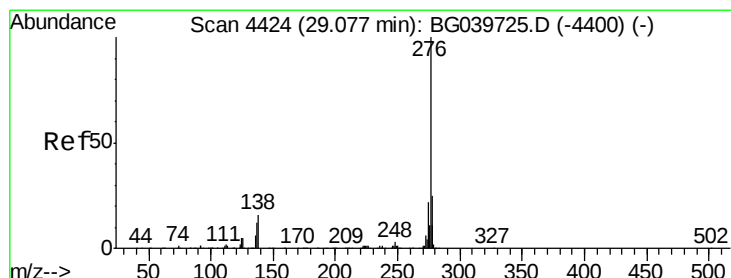
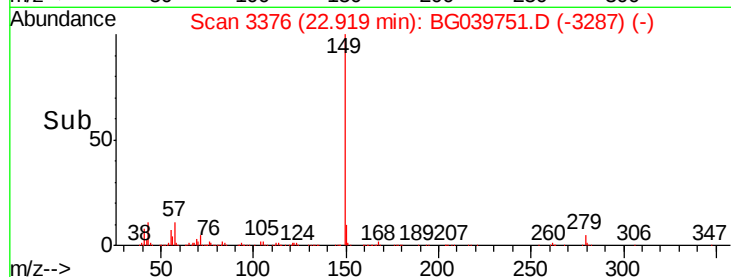
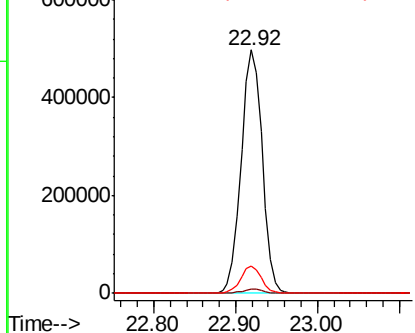
#85
Di-n-octyl phthalate
Concen: 42.810 ng
RT: 22.92 min Scan# 3376
Delta R.T. -0.01 min
Lab File: BG039751.D
Acq: 5 Mar 2019 4:39

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 893452
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.9 10.2 15.4

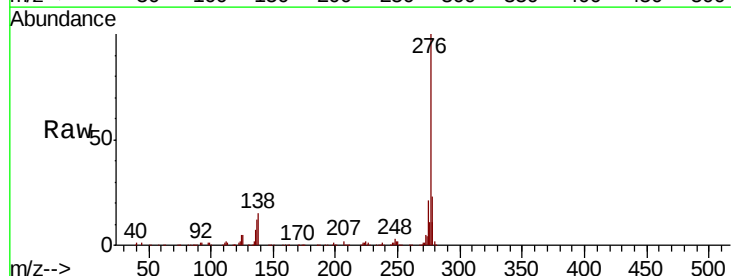


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

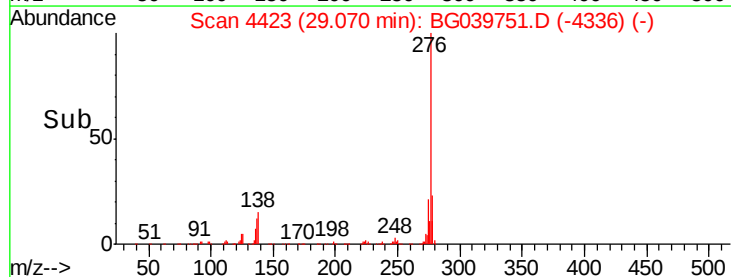
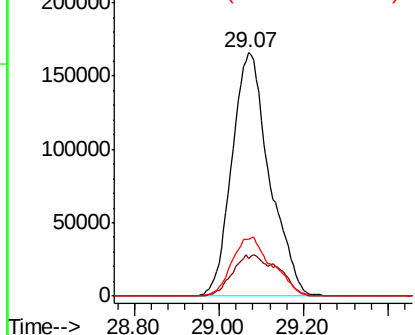


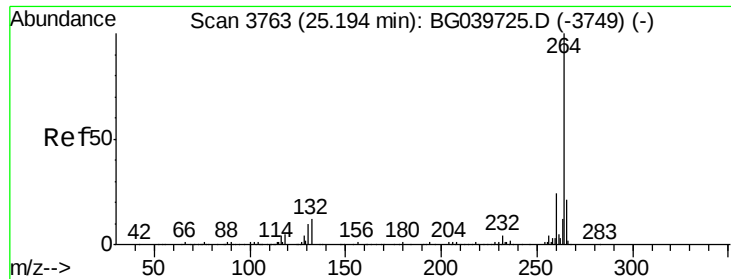
#86
Indeno(1,2,3-cd)pyrene
Concen: 41.393 ng
RT: 29.07 min Scan# 4423
Delta R.T. -0.02 min
Lab File: BG039751.D
Acq: 5 Mar 2019 4:39

Tgt Ion:276 Resp: 1016531
Ion Ratio Lower Upper
276 100
138 7.8 12.6 19.0#
277 25.8 20.8 31.2



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: 25.19 min Scan# 3762

Delta R.T. -0.01 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

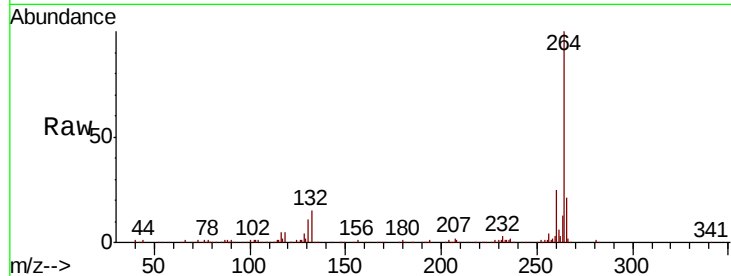
Tgt Ion:264 Resp: 369981

Ion Ratio Lower Upper

264 100

260 24.6 18.2 27.4

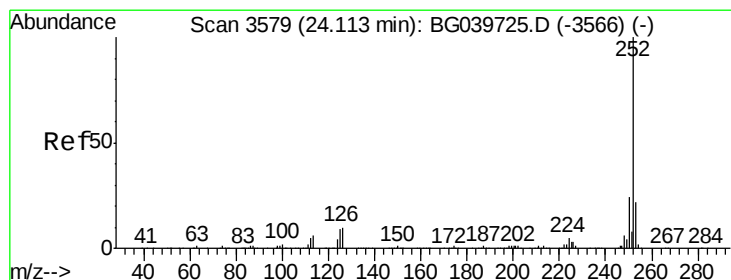
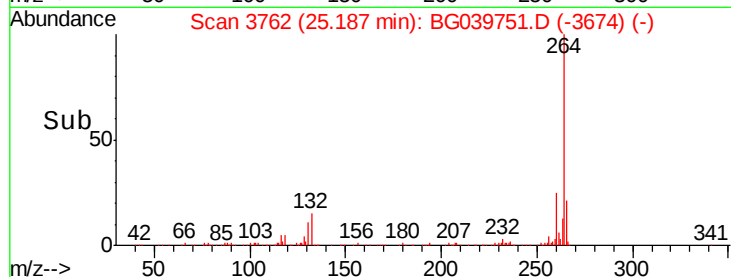
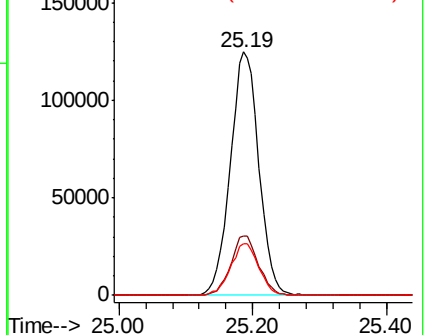
265 21.3 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.004 ng

RT: 24.11 min Scan# 3578

Delta R.T. -0.01 min

Lab File: BG039751.D

Acq: 5 Mar 2019 4:39

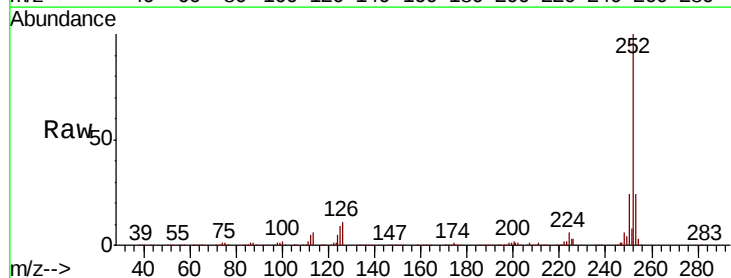
Tgt Ion:252 Resp: 904666

Ion Ratio Lower Upper

252 100

253 23.6 17.8 26.8

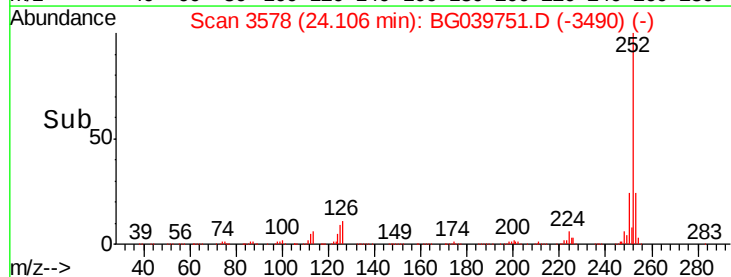
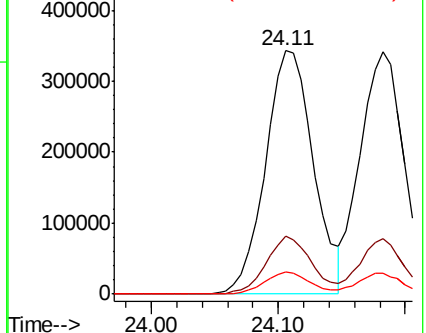
125 9.0 7.8 11.6

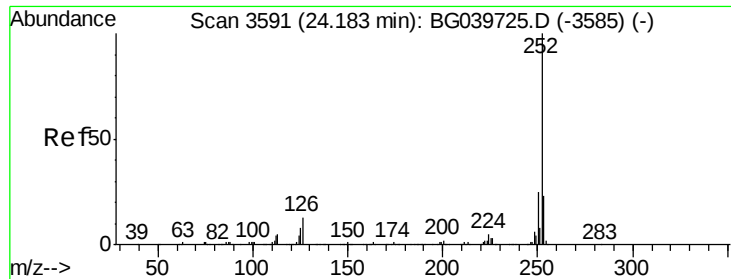


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

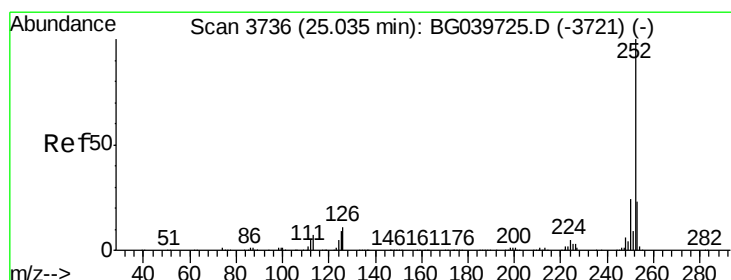
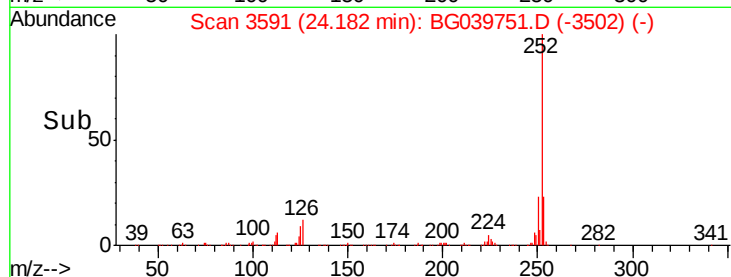
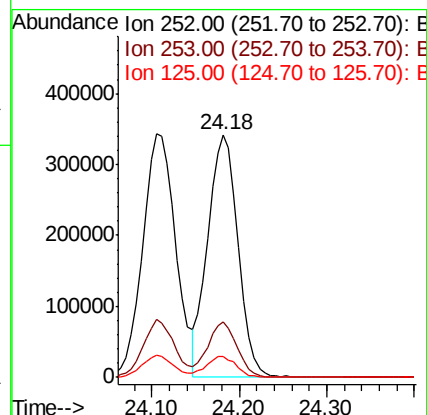
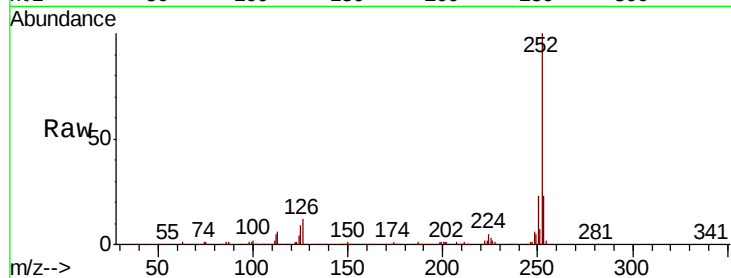




#89
Benzo(k)fluoranthene
Concen: 39.945 ng
RT: 24.18 min Scan# 3591
Delta R.T. -0.01 min
Lab File: BG039751.D
Acq: 5 Mar 2019 4:39

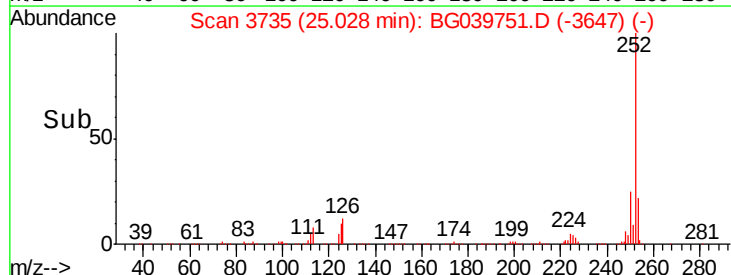
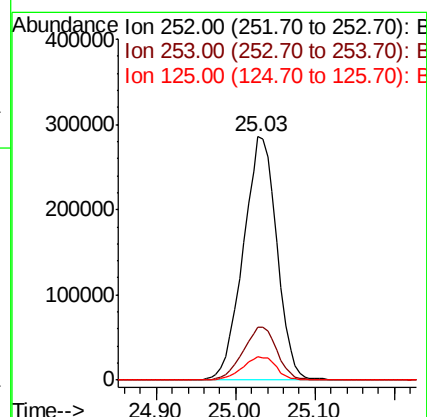
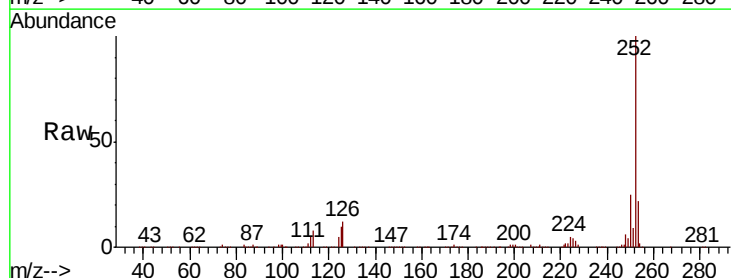
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 820354
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 8.7 7.4 11.2



#90
Benzo(a)pyrene
Concen: 41.176 ng
RT: 25.03 min Scan# 3735
Delta R.T. -0.01 min
Lab File: BG039751.D
Acq: 5 Mar 2019 4:39

Tgt Ion:252 Resp: 839457
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 9.8 8.3 12.5

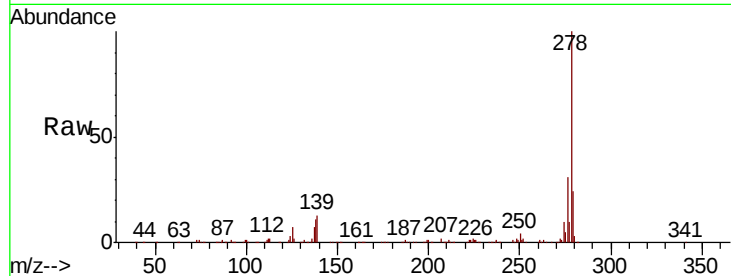




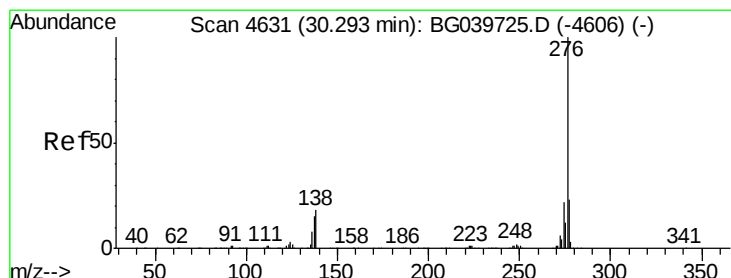
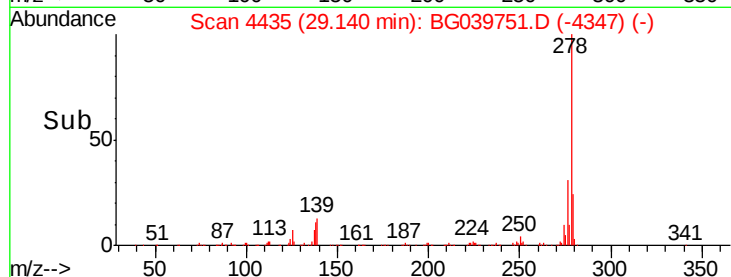
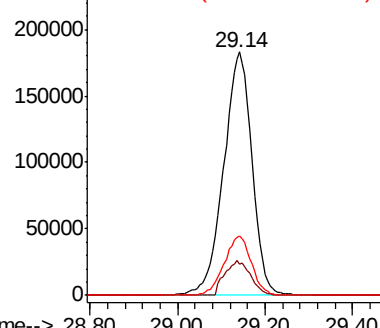
#91
Dibenzo(a,h)anthracene
Concen: 40.509 ng
RT: 29.14 min Scan# 4435
Delta R.T. -0.01 min
Lab File: BG039751.D
Acq: 5 Mar 2019 4:39

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.8	11.7	17.5
279	24.5	19.1	28.7

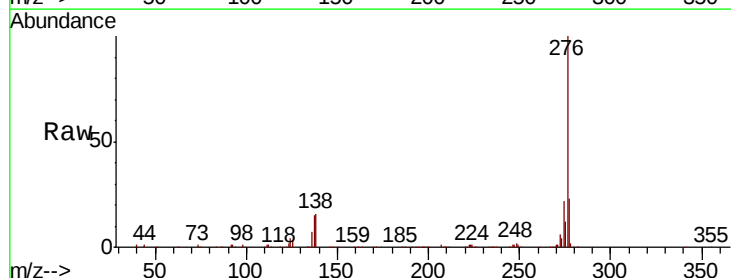


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.221 ng
RT: 30.30 min Scan# 4633
Delta R.T. -0.01 min
Lab File: BG039751.D
Acq: 5 Mar 2019 4:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.6	29.4
138	15.6	14.7	22.1



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

