

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021119\
 Data File : BG039451.D
 Acq On : 12 Feb 2019 2:02
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 12 04:26:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	91120	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	409326	20.00	ng	-0.02
39) Acenaphthene-d10	14.80	164	267254	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	568133	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	546555	20.00	ng	-0.02
87) Perylene-d12	25.21	264	580821	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	421298	79.13	ng	0.00
7) Phenol-d6	7.31	99	637508	81.35	ng	0.00
23) Nitrobenzene-d5	9.35	82	606802	92.61	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	242587	84.29	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	1373538	73.73	ng	-0.02
79) Terphenyl-d14	20.13	244	1803258	69.84	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	85856	36.867	ng	92
3) Pyridine	4.00	79	251725	40.826	ng	92
4) n-Nitrosodimethylamine	3.93	42	112675	36.540	ng	87
6) Aniline	7.50	93	392263	39.961	ng	100
8) 2-Chlorophenol	7.73	128	239460	41.147	ng	94
9) Benzaldehyde	7.31	77	163961	42.701	ng	98
10) Phenol	7.34	94	330381	40.442	ng	97
11) bis(2-Chloroethyl)ether	7.59	93	258450	40.038	ng	97
12) 1,3-Dichlorobenzene	8.06	146	278782	39.544	ng	96
13) 1,4-Dichlorobenzene	8.21	146	280122	39.865	ng	98
14) 1,2-Dichlorobenzene	8.53	146	271092	39.852	ng	99
15) Benzyl Alcohol	8.41	79	248813	40.441	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.69	45	504990	34.642	ng	98
17) 2-Methylphenol	8.60	107	214254	40.529	ng	98
18) Hexachloroethane	9.26	117	101250	41.882	ng	98
19) n-Nitroso-di-n-propylamine	8.98	70	217754	39.149	ng	93
20) 3+4-Methylphenols	8.93	107	303622	41.707	ng	97
22) Acetophenone	9.00	105	421446	38.330	ng	94
24) Nitrobenzene	9.40	77	314645	44.451	ng	96
25) Isophorone	9.91	82	545091	37.542	ng	98
26) 2-Nitrophenol	10.10	139	155859	54.010	ng	96
27) 2,4-Dimethylphenol	10.14	122	234401	39.908	ng	98
28) bis(2-Chloroethoxy)methane	10.39	93	350180	39.156	ng	96
29) 2,4-Dichlorophenol	10.63	162	273641	42.627	ng	97
30) 1,2,4-Trichlorobenzene	10.85	180	299684	41.582	ng	97
31) Naphthalene	11.05	128	770733	37.955	ng	98
32) Benzoic acid	10.28	122	144000	39.425	ng	95
33) 4-Chloroaniline	11.15	127	364360	38.698	ng	99
34) Hexachlorobutadiene	11.31	225	198247	41.363	ng	94
35) Caprolactam	11.96	113	106368	40.042	ng	90
36) 4-Chloro-3-methylphenol	12.25	107	300412	40.465	ng	99
37) 2-Methylnaphthalene	12.64	142	571010	37.966	ng	98
38) 1-Methylnaphthalene	12.86	142	546612	37.703	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	351492	41.336	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	204298	44.091	ng	98
43) 2,4,6-Trichlorophenol	13.23	196	232186	44.410	ng	99
44) 2,4,5-Trichlorophenol	13.30	196	239444	43.697	ng	97
46) 1,1'-Biphenyl	13.63	154	846066	38.049	ng	98
47) 2-Chloronaphthalene	13.68	162	658767	39.382	ng	98
48) 2-Nitroaniline	13.89	65	216432	45.552	ng	94
49) Acenaphthylene	14.52	152	943927	37.397	ng	97
50) Dimethylphthalate	14.25	163	810285	37.540	ng	99
51) 2,6-Dinitrotoluene	14.38	165	180648	45.221	ng	98
52) Acenaphthene	14.86	154	608059	37.112	ng	99
53) 3-Nitroaniline	14.71	138	185442	43.254	ng	# 94
54) 2,4-Dinitrophenol	14.91	184	65063	46.215	ng	96
55) Dibenzofuran	15.19	168	980431	37.322	ng	97
56) 4-Nitrophenol	14.99	139	145650	40.412	ng	92
57) 2,4-Dinitrotoluene	15.15	165	245601	47.606	ng	88
58) Fluorene	15.84	166	708887	36.199	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	222704	43.407	ng	96
60) Diethylphthalate	15.60	149	787630	35.293	ng	97
61) 4-Chlorophenyl-phenylether	15.83	204	429628	38.746	ng	97
62) 4-Nitroaniline	15.87	138	183006	41.095	ng	95
63) Azobenzene	16.12	77	734836	33.689	ng	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	115601	50.556	ng	97
66) n-Nitrosodiphenylamine	16.05	169	698793	40.451	ng	99
67) 4-Bromophenyl-phenylether	16.72	248	276076	43.802	ng	94
68) Hexachlorobenzene	16.83	284	272520	43.096	ng	96
69) Atrazine	16.98	200	232499	36.829	ng	96
70) Pentachlorophenol	17.18	266	188100	42.798	ng	97
71) Phenanthrene	17.59	178	1097143	37.312	ng	97
72) Anthracene	17.67	178	1081121	37.327	ng	98
73) Carbazole	17.94	167	1042557	36.068	ng	98
74) Di-n-butylphthalate	18.48	149	1174709	34.835	ng	99
75) Fluoranthene	19.58	202	1234754	36.178	ng	98
77) Benzidine	19.76	184	702888	39.226	ng	99
78) Pyrene	19.95	202	1250937	36.766	ng	98
80) Butylbenzylphthalate	20.81	149	566619	39.478	ng	94
81) Benzo(a)anthracene	21.81	228	1241207	38.433	ng	98
82) 3,3'-Dichlorobenzidine	21.72	252	490800	40.985	ng	98
83) Chrysene	21.88	228	1191373	38.752	ng	99
84) Bis(2-ethylhexyl)phthalate	21.68	149	795505	38.850	ng	98
85) Di-n-octyl phthalate	22.95	149	1331995	39.375	ng	97
86) Indeno(1,2,3-cd)pyrene	29.11	276	1426306	43.241	ng	99
88) Benzo(b)fluoranthene	24.13	252	1246567	39.354	ng	98
89) Benzo(k)fluoranthene	24.20	252	1207667	37.975	ng	99
90) Benzo(a)pyrene	25.05	252	1201092	39.373	ng	99
91) Dibenzo(a,h)anthracene	29.18	278	1158627	40.556	ng	97
92) Benzo(g,h,i)perylene	30.34	276	1176465	41.316	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.17 min Scan# 866

Delta R.T. -0.01 min

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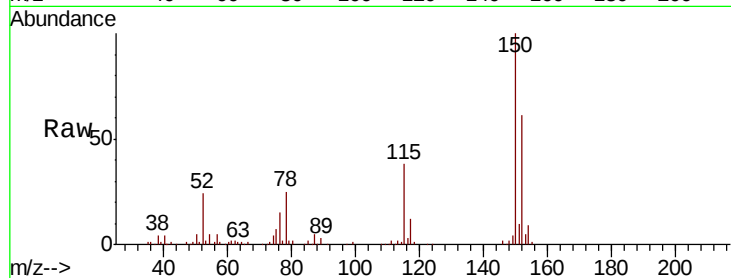
Tgt Ion:152 Resp: 91120

Ion Ratio Lower Upper

152 100

150 163.6 123.7 185.5

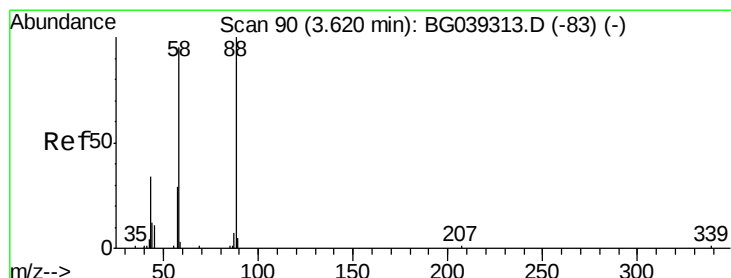
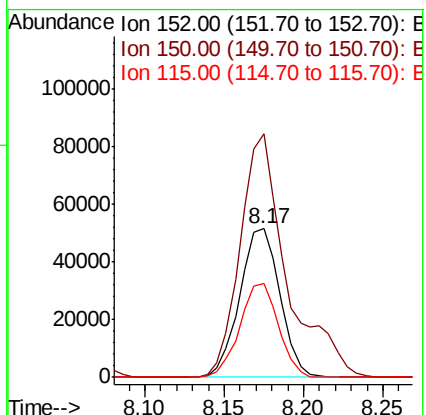
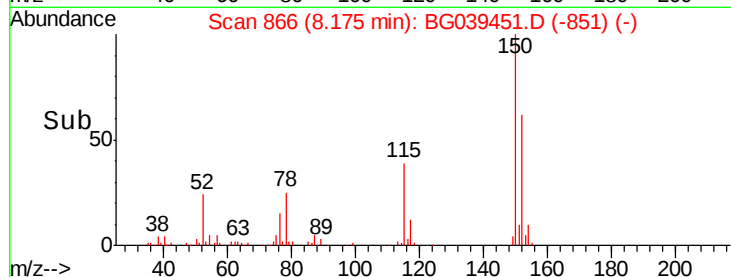
115 62.7 45.9 68.9



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: 36.867 ng

RT: 3.60 min Scan# 88

Delta R.T. -0.02 min

Lab File: BG039451.D

Acq: 12 Feb 2019 2:02

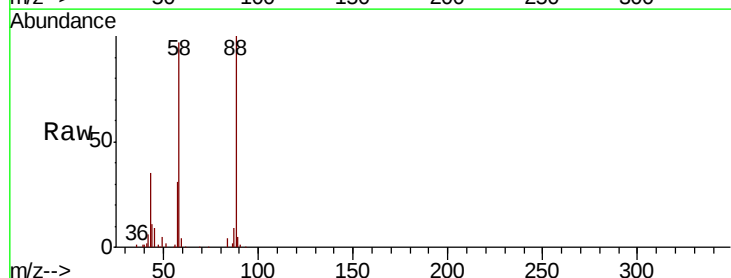
Tgt Ion: 88 Resp: 85856

Ion Ratio Lower Upper

88 100

58 94.2 81.1 121.7

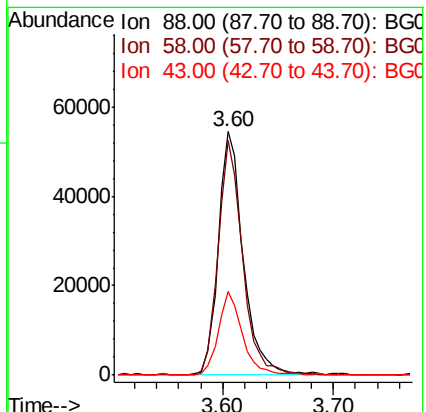
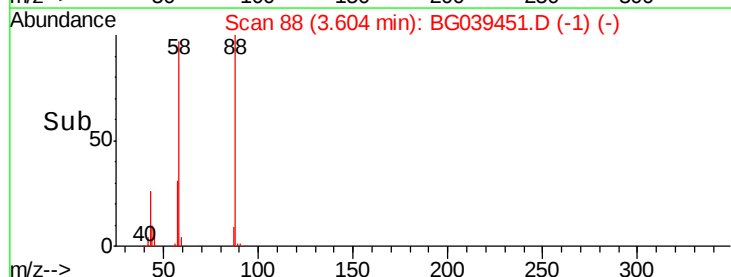
43 32.8 31.4 47.0



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: 40.826 ng

RT: 4.00 min Scan# 156

Delta R.T. -0.02 min

Lab File: BG039451.D

Acq: 12 Feb 2019 2:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

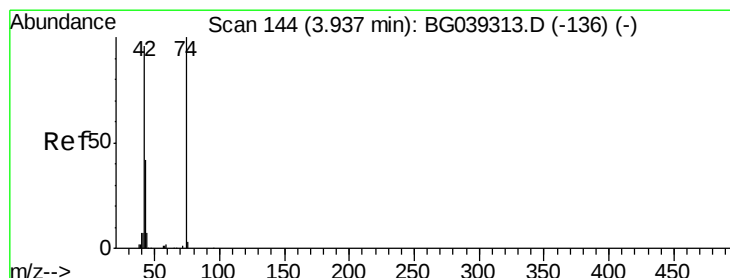
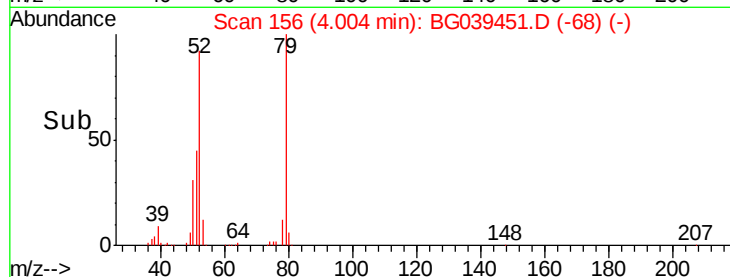
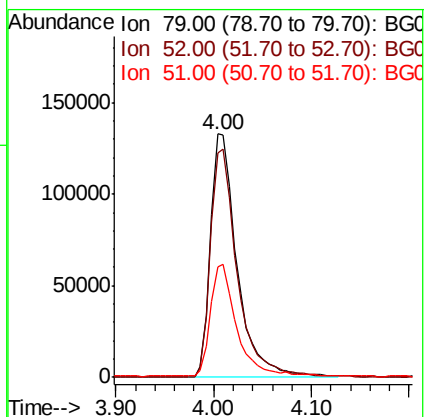
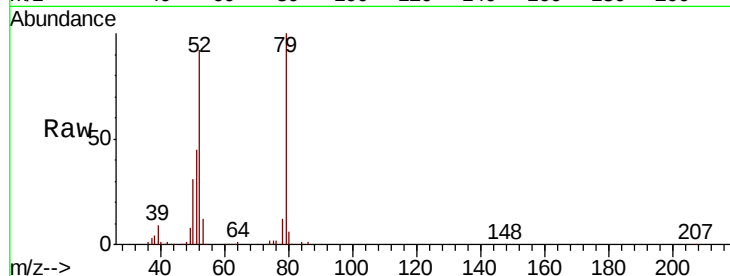
Tgt Ion: 79 Resp: 251725

Ion Ratio Lower Upper

79 100

52 92.1 82.6 124.0

51 45.3 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 36.540 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG039451.D

Acq: 12 Feb 2019 2:02

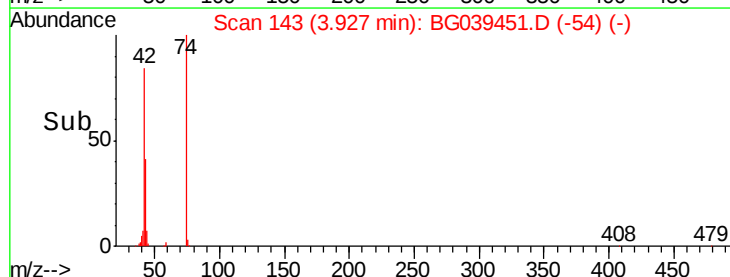
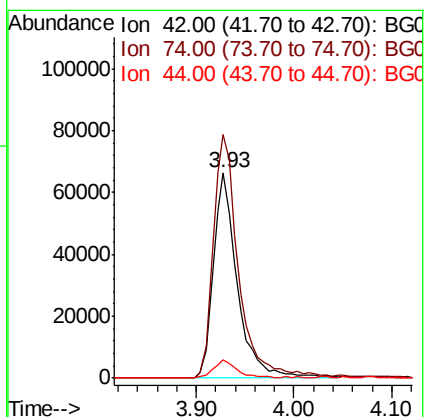
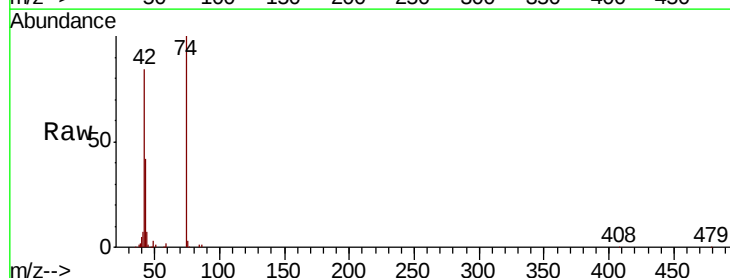
Tgt Ion: 42 Resp: 112675

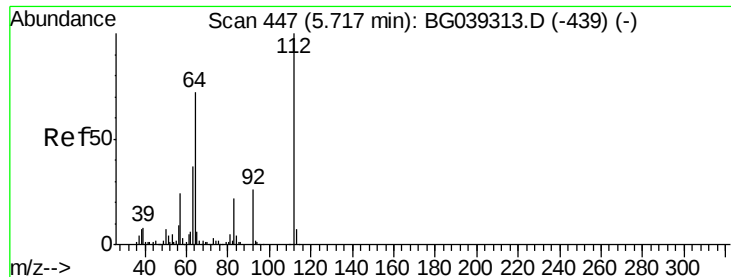
Ion Ratio Lower Upper

42 100

74 118.4 83.6 125.4

44 8.8 6.9 10.3





#5

2-Fluorophenol

Concen: 79.132 ng

RT: 5.71 min Scan# 446

Delta R.T. -0.01 min

Lab File: BG039451.D

Acq: 12 Feb 2019 2:02

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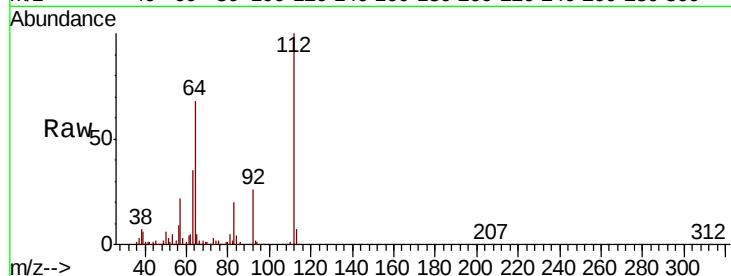
Tgt Ion: 112 Resp: 421298

Ion Ratio Lower Upper

112 100

64 68.2 57.8 86.8

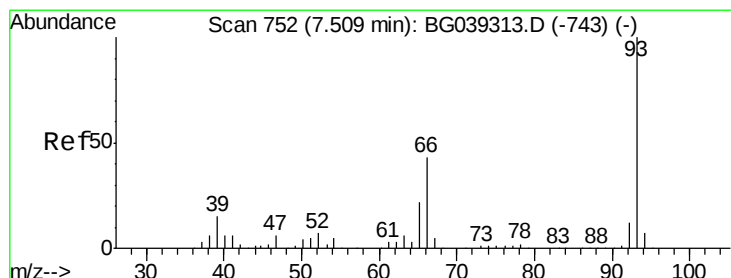
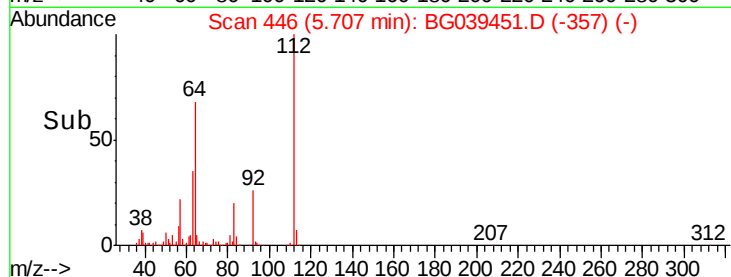
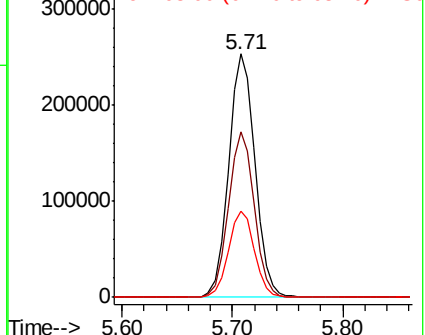
63 35.3 29.8 44.6



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: 39.961 ng

RT: 7.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BG039451.D

Acq: 12 Feb 2019 2:02

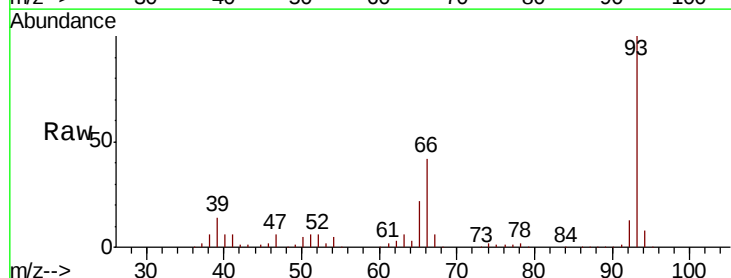
Tgt Ion: 93 Resp: 392263

Ion Ratio Lower Upper

93 100

66 42.5 34.2 51.4

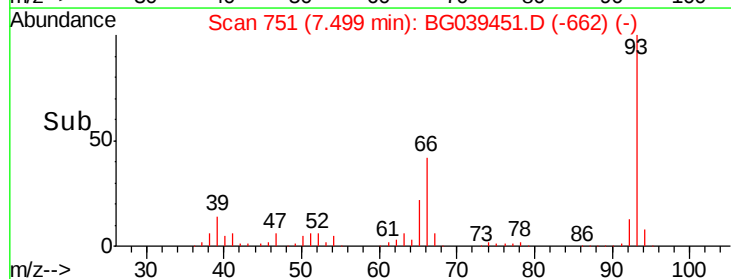
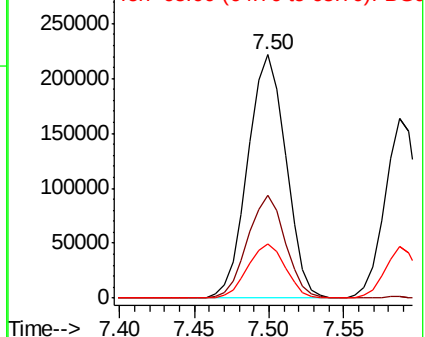
65 22.3 17.7 26.5

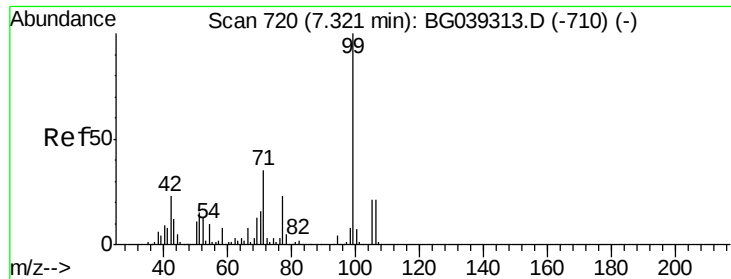


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 81.349 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

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Acq: 12 Feb 2019 2:02

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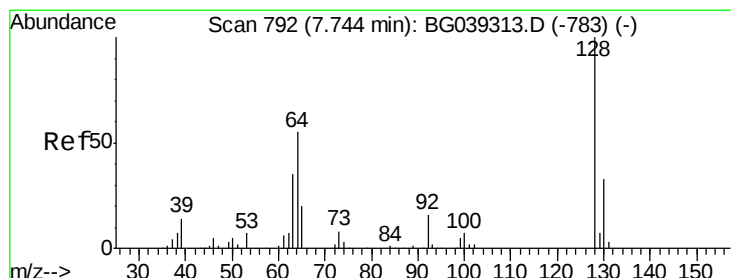
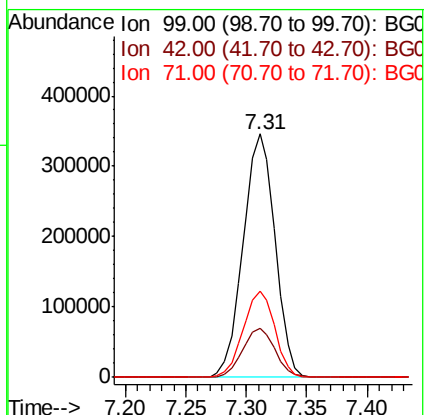
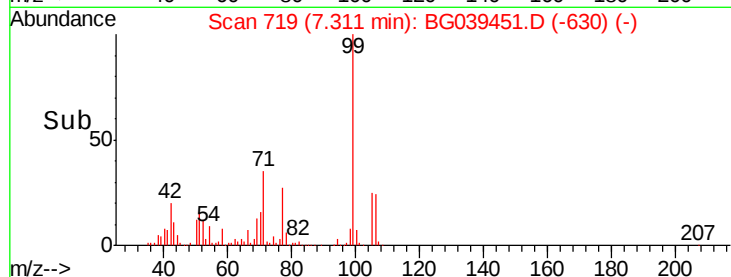
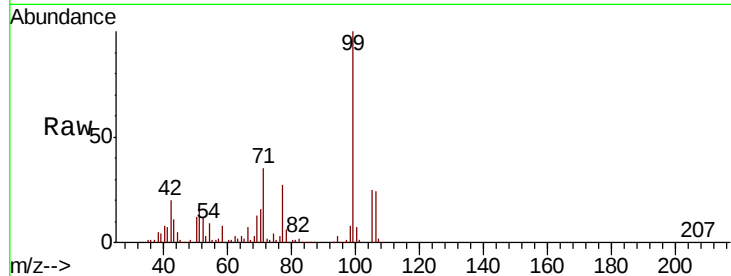
Tgt Ion: 99 Resp: 637508

Ion Ratio Lower Upper

99 100

42 20.2 18.2 27.2

71 35.3 28.0 42.0



#8

2-Chlorophenol

Concen: 41.147 ng

RT: 7.73 min Scan# 790

Delta R.T. -0.02 min

Lab File: BG039451.D

Acq: 12 Feb 2019 2:02

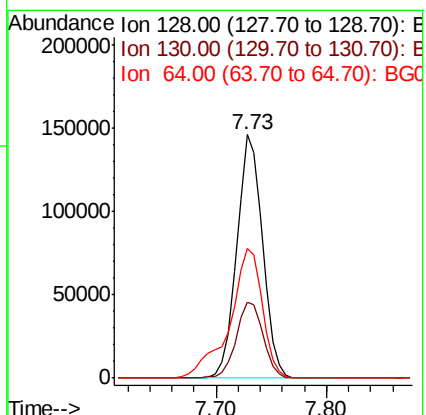
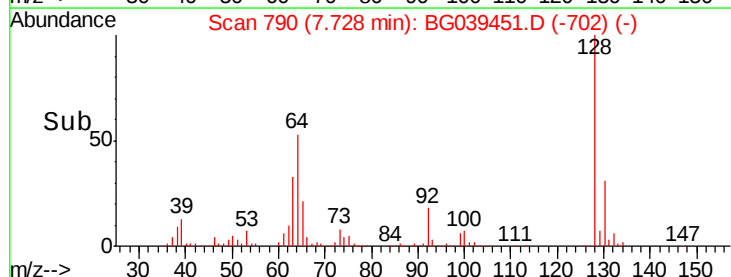
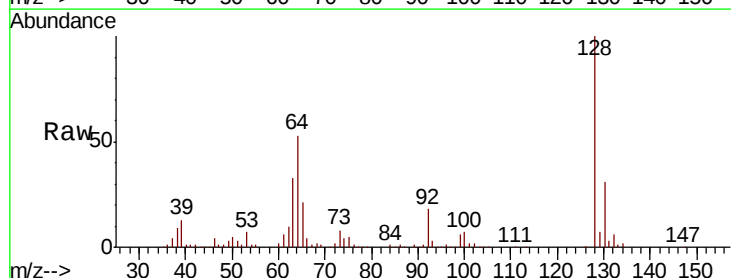
Tgt Ion: 128 Resp: 239460

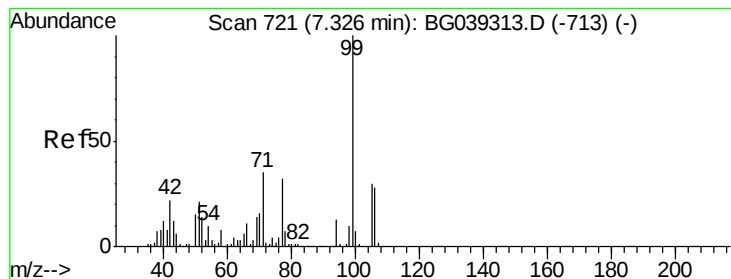
Ion Ratio Lower Upper

128 100

130 31.1 12.9 52.9

64 53.4 38.7 78.7





#9

Benzaldehyde

Concen: 42.701 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039451.D

Acq: 12 Feb 2019 2:02

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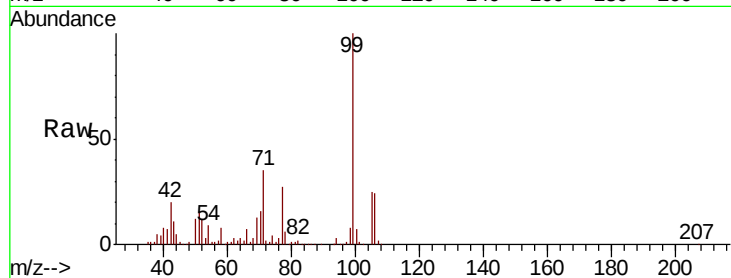
Tgt Ion: 77 Resp: 163961

Ion Ratio Lower Upper

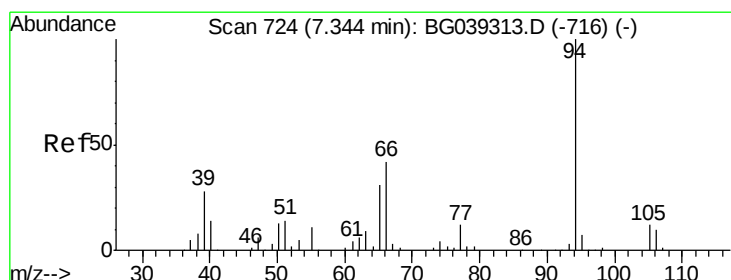
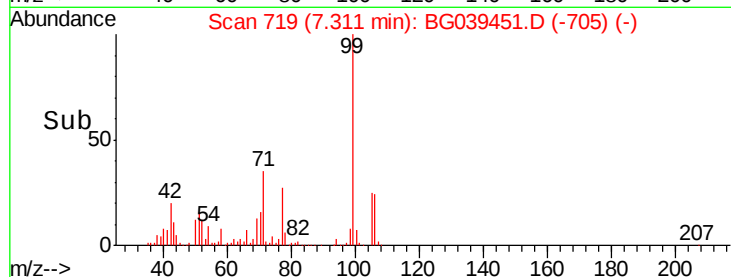
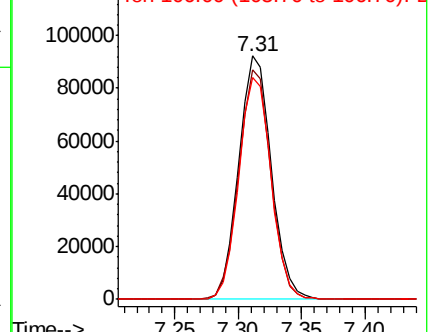
77 100

105 94.1 74.5 114.5

106 91.2 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: 40.442 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039451.D

Acq: 12 Feb 2019 2:02

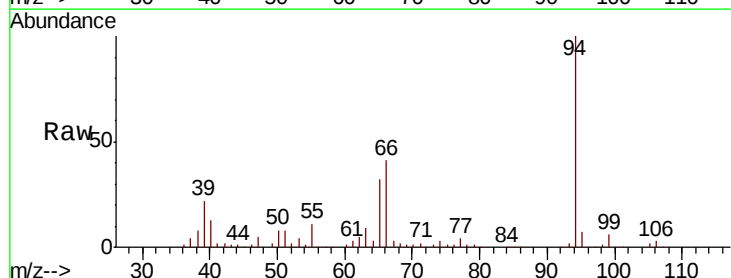
Tgt Ion: 94 Resp: 330381

Ion Ratio Lower Upper

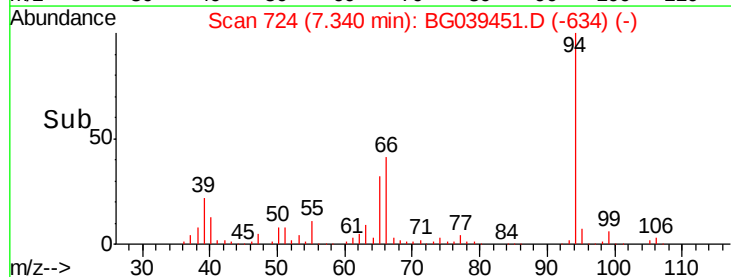
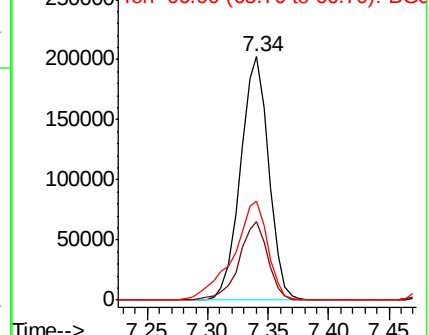
94 100

65 32.4 11.7 51.7

66 40.7 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: 40.038 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.02 min

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SSTDCCC040

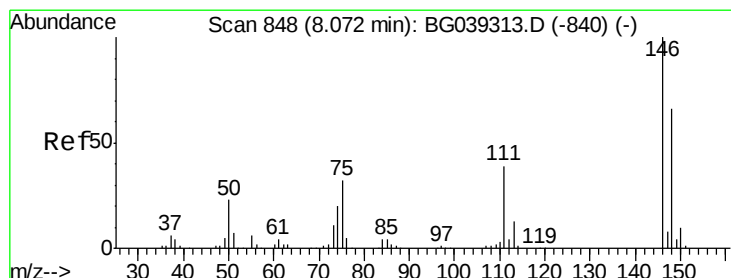
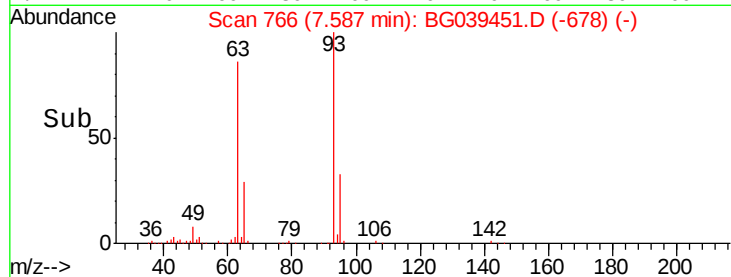
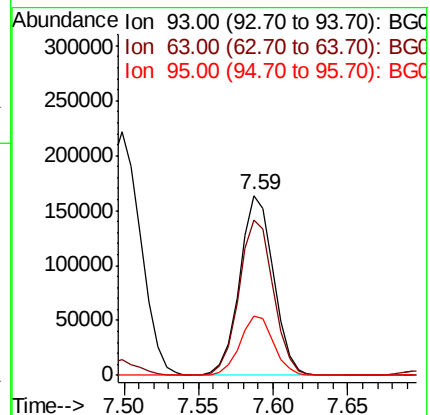
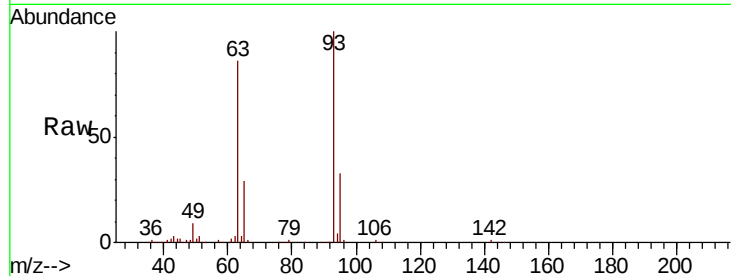
Tgt Ion: 93 Resp: 258450

Ion Ratio Lower Upper

93 100

63 86.3 69.5 109.5

95 32.6 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 39.544 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.02 min

Lab File: BG039451.D

Acq: 12 Feb 2019 2:02

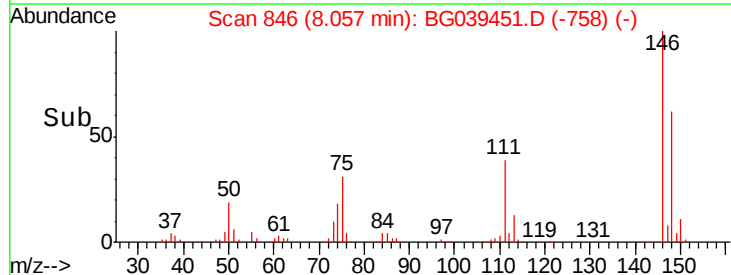
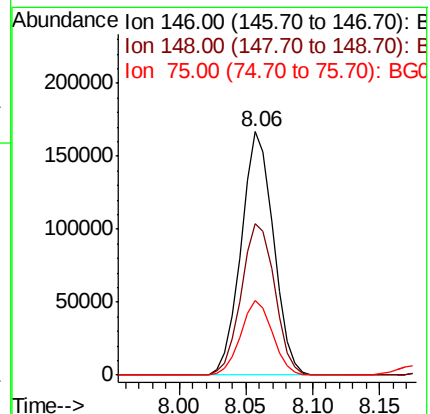
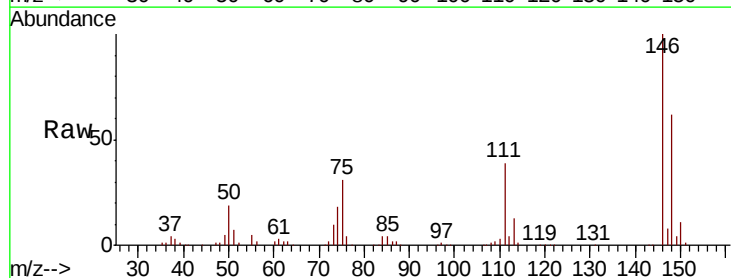
Tgt Ion: 146 Resp: 278782

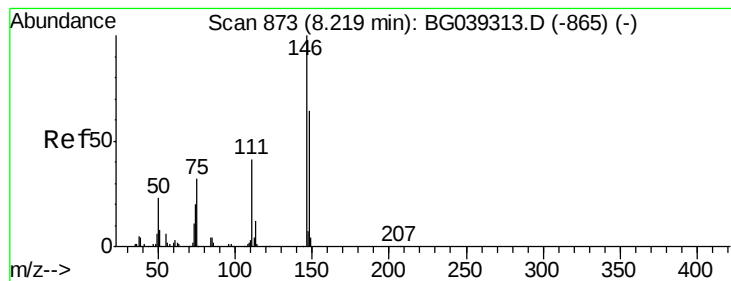
Ion Ratio Lower Upper

146 100

148 62.2 52.6 79.0

75 30.9 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 39.865 ng

RT: 8.21 min Scan# 872

Delta R.T. -0.01 min

Lab File: BG039451.D

Acq: 12 Feb 2019 2:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

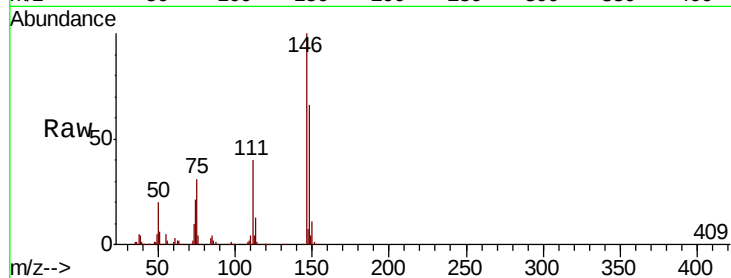
Tgt Ion:146 Resp: 280122

Ion Ratio Lower Upper

146 100

148 65.9 51.1 76.7

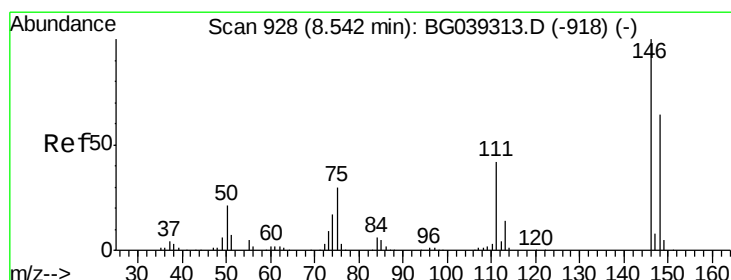
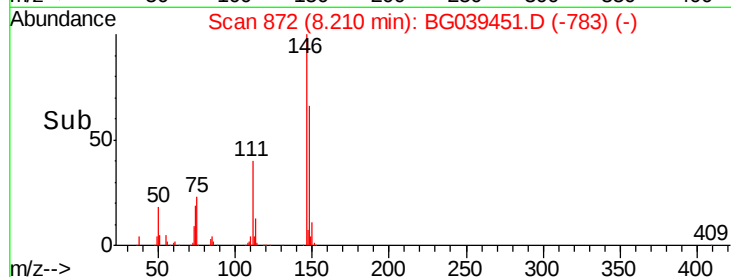
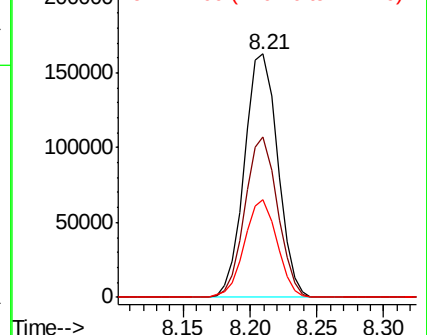
111 40.3 32.6 48.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.852 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.02 min

Lab File: BG039451.D

Acq: 12 Feb 2019 2:02

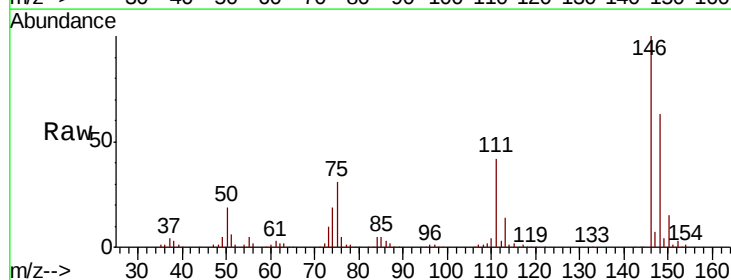
Tgt Ion:146 Resp: 271092

Ion Ratio Lower Upper

146 100

148 63.0 51.5 77.3

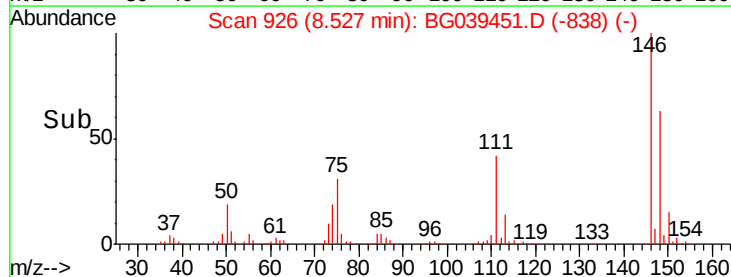
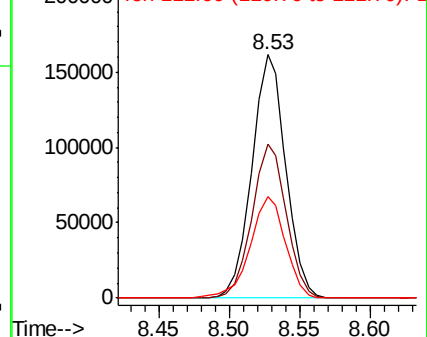
111 41.5 33.8 50.6

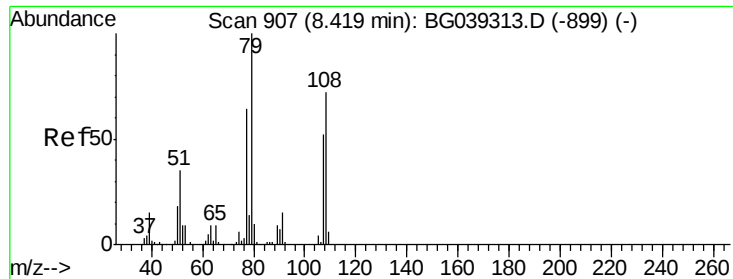


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.441 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG039451.D

Acq: 12 Feb 2019 2:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

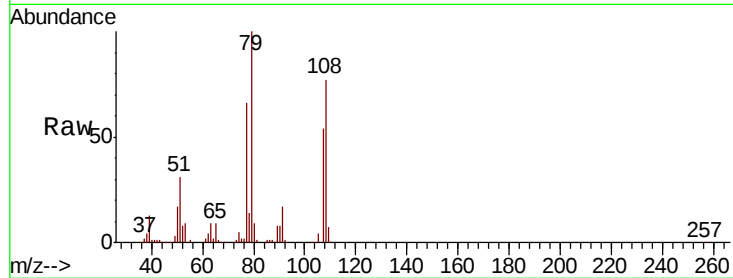
Tgt Ion: 79 Resp: 248813

Ion Ratio Lower Upper

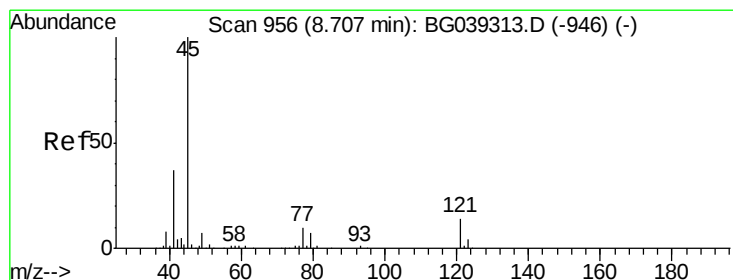
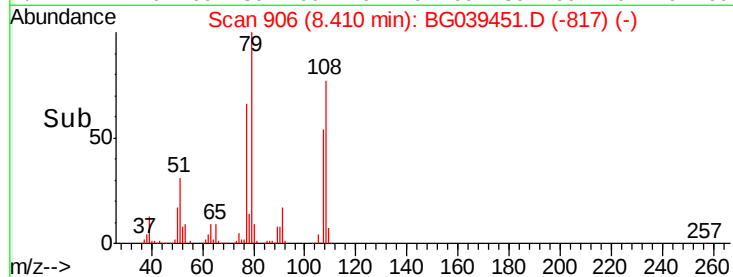
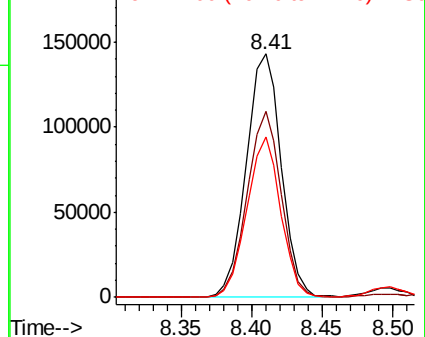
79 100

108 76.7 57.8 86.6

77 65.9 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: 34.642 ng

RT: 8.69 min Scan# 954

Delta R.T. -0.02 min

Lab File: BG039451.D

Acq: 12 Feb 2019 2:02

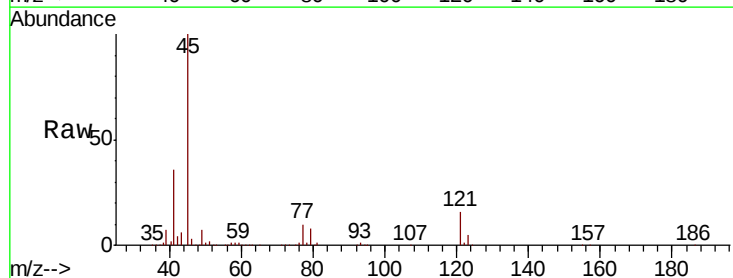
Tgt Ion: 45 Resp: 504990

Ion Ratio Lower Upper

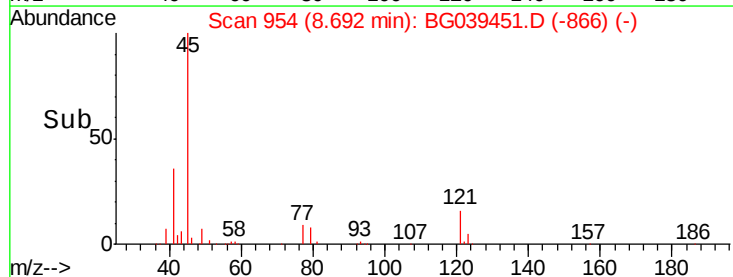
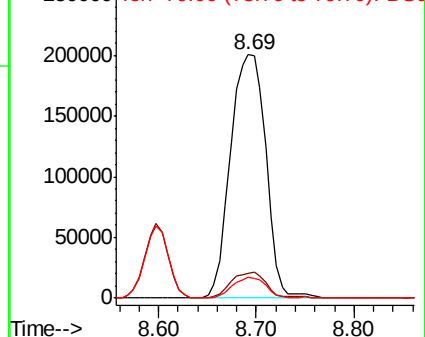
45 100

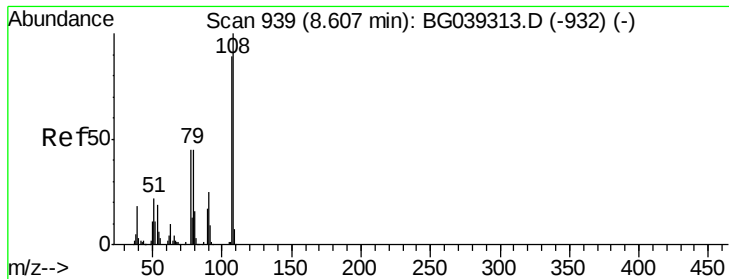
77 10.2 0.0 30.0

79 8.5 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

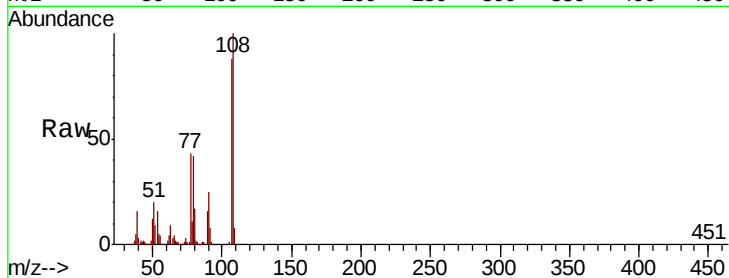




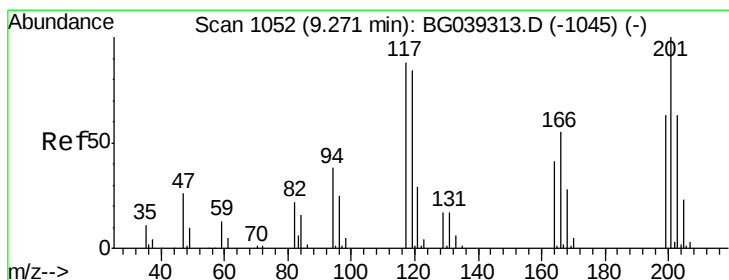
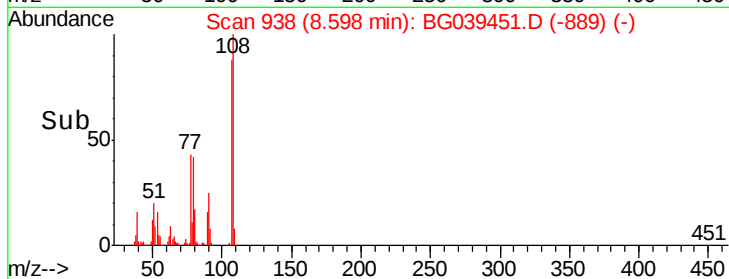
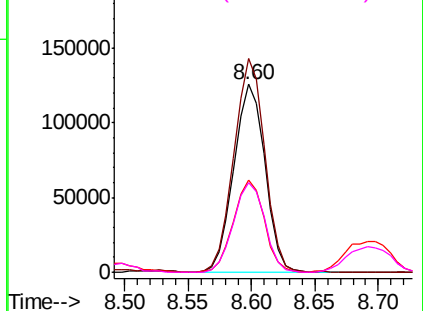
#17
2-Methylphenol
Concen: 40.529 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG039451.D
Acq: 12 Feb 2019 2:02

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:	107	Resp:	214254
Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.8	136.2
77	49.2	40.7	61.1
79	47.5	40.6	60.8

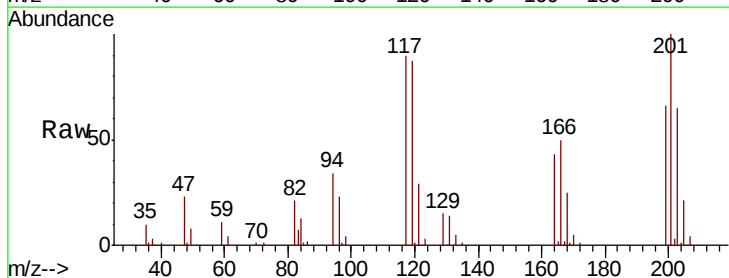


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

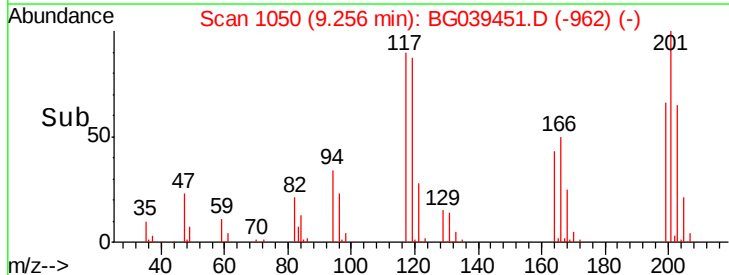
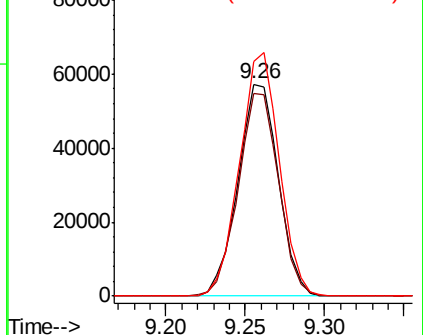


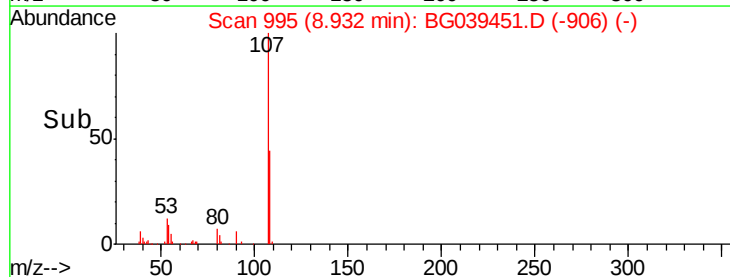
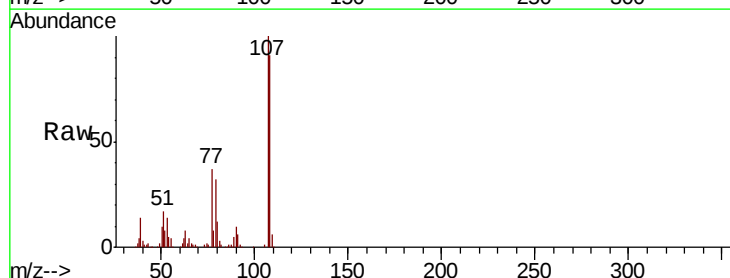
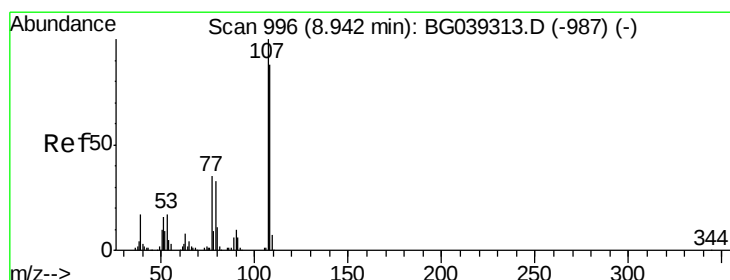
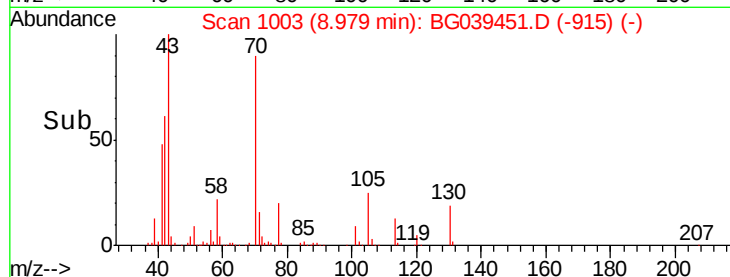
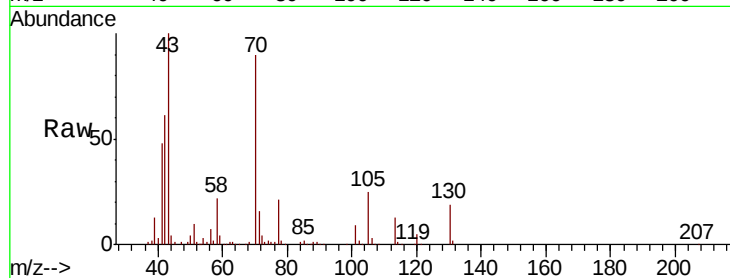
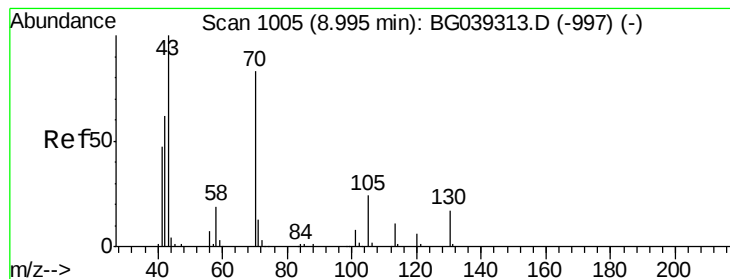
#18
Hexachloroethane
Concen: 41.882 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.02 min
Lab File: BG039451.D
Acq: 12 Feb 2019 2:02

Tgt Ion:	117	Resp:	101250
Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.3	114.5
201	110.7	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: 39.149 ng

RT: 8.98 min Scan# 1003

Delta R.T. -0.02 min

Lab File: BG039451.D

Acq: 12 Feb 2019 2:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 217754

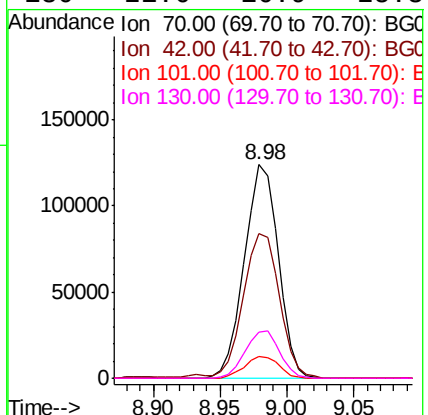
Ion Ratio Lower Upper

70 100

42 67.6 60.4 90.6

101 10.1 7.5 11.3

130 21.6 16.9 25.3



#20

3+4-Methylphenols

Concen: 41.707 ng

RT: 8.93 min Scan# 995

Delta R.T. -0.01 min

Lab File: BG039451.D

Acq: 12 Feb 2019 2:02

Tgt Ion: 107 Resp: 303622

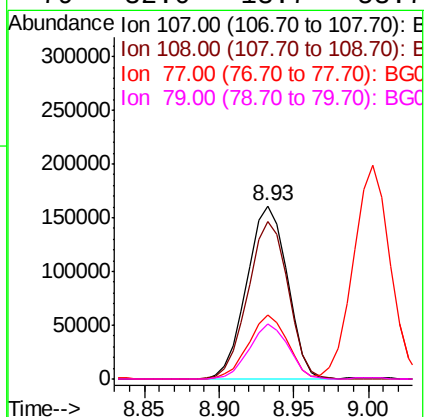
Ion Ratio Lower Upper

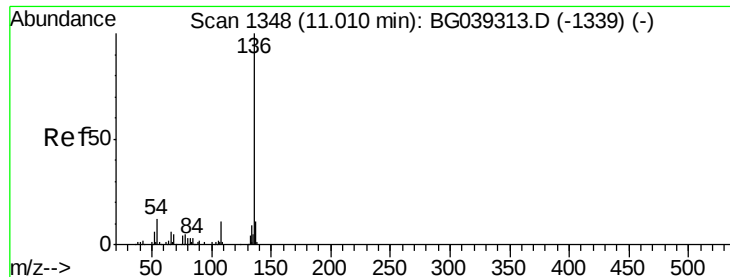
107 100

108 90.9 67.9 107.9

77 36.7 15.4 55.4

79 32.0 13.7 53.7

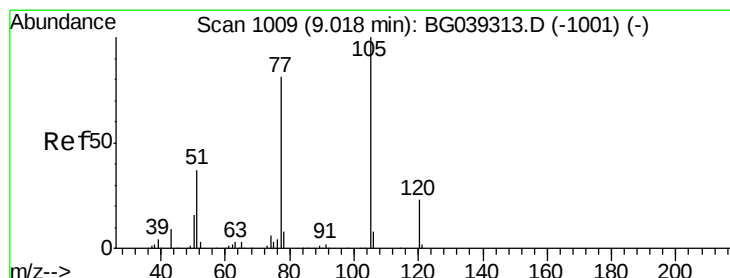
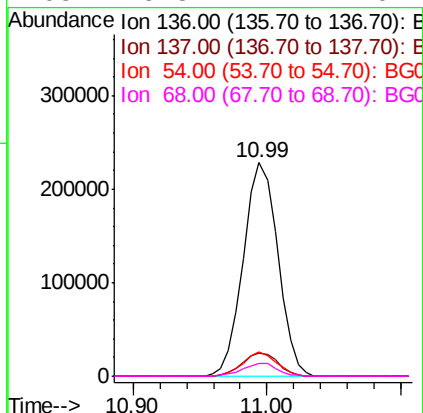
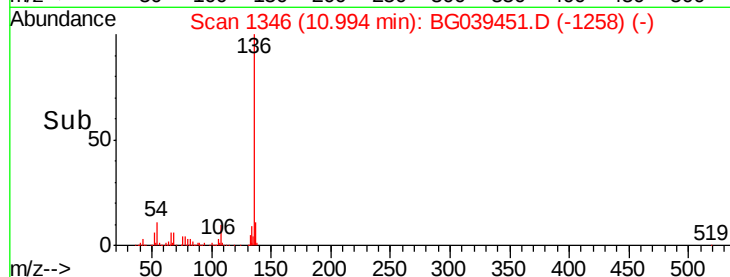
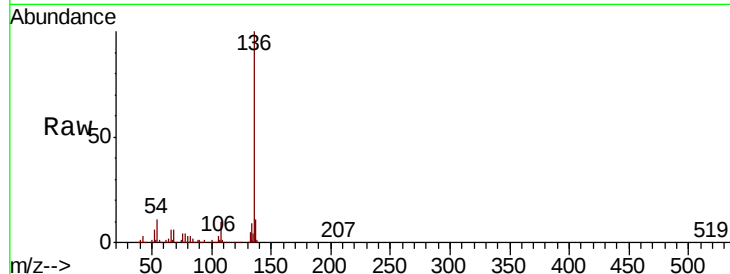




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BG039451.D
Acq: 12 Feb 2019 2:02

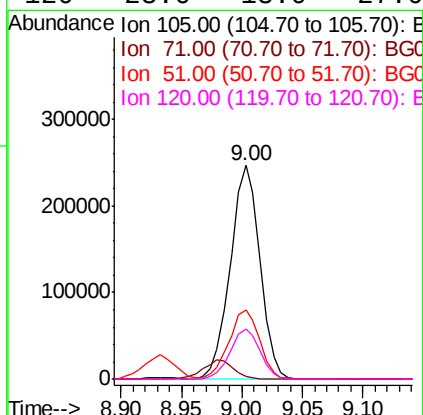
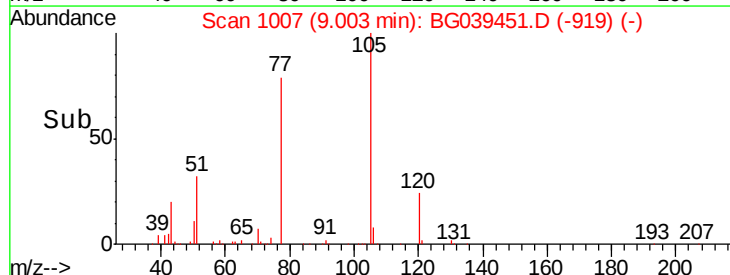
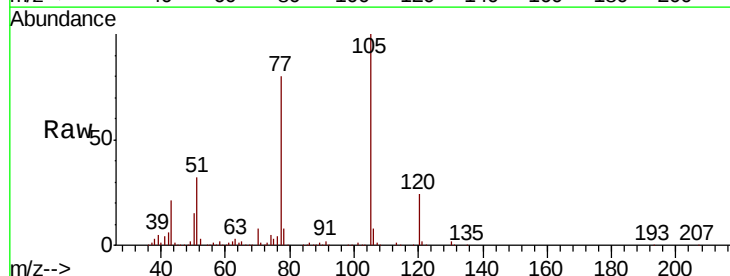
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	409326
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	11.2	9.4	14.2
68	5.8	4.2	6.4



#22
Acetophenone
Concen: 38.330 ng
RT: 9.00 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BG039451.D
Acq: 12 Feb 2019 2:02

Tgt Ion:	105	Resp:	421446
Ion	Ratio	Lower	Upper
105	100		
71	1.1	0.8	1.2
51	32.3	30.2	45.2
120	23.6	18.0	27.0

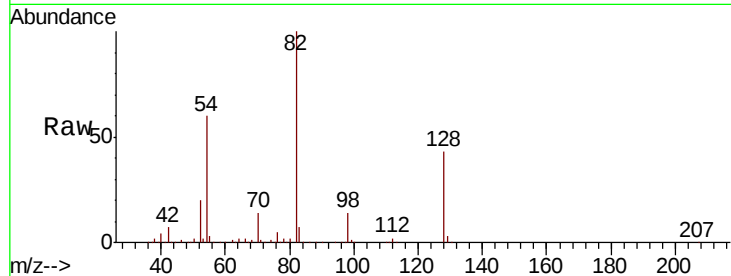




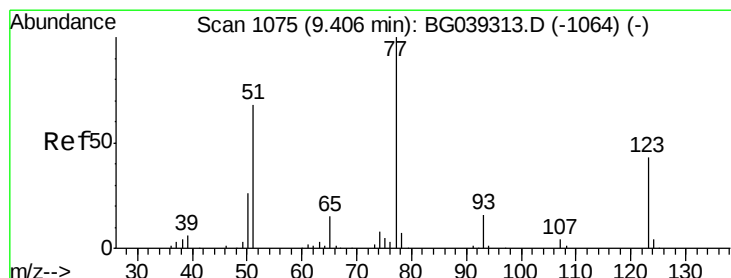
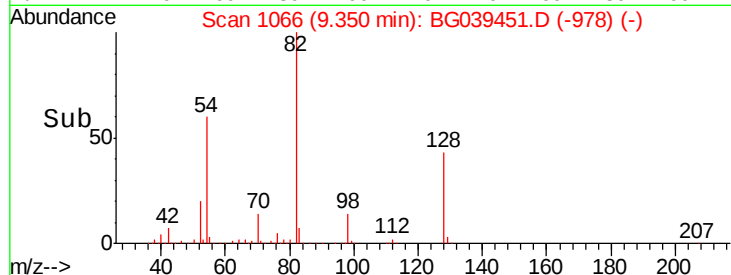
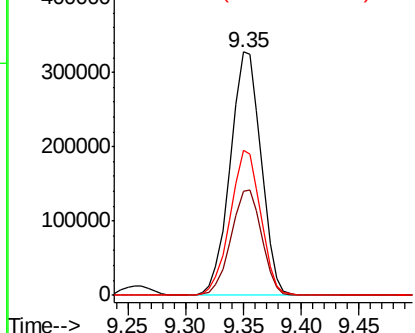
#23
 Nitrobenzene-d5
 Concen: 92.610 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG039451.D
 Acq: 12 Feb 2019 2:02

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.8	31.3	46.9
54	59.8	50.9	76.3

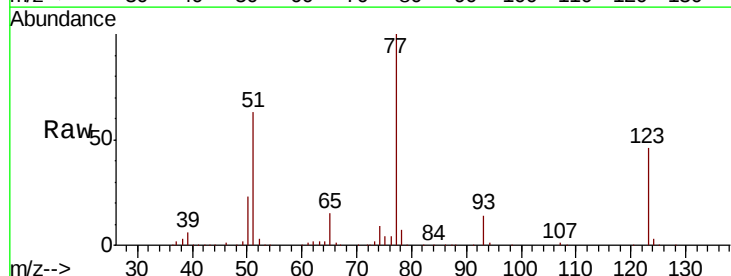


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

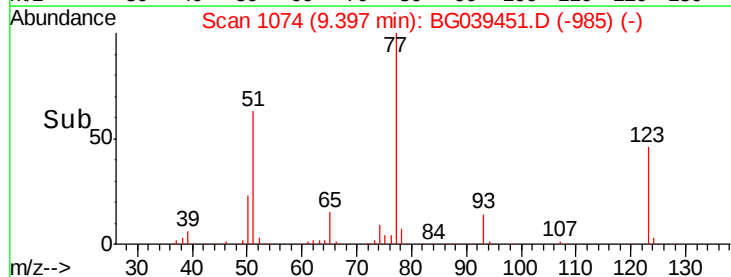
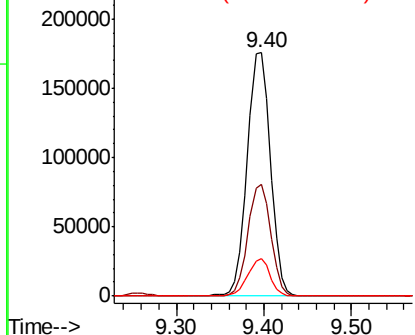


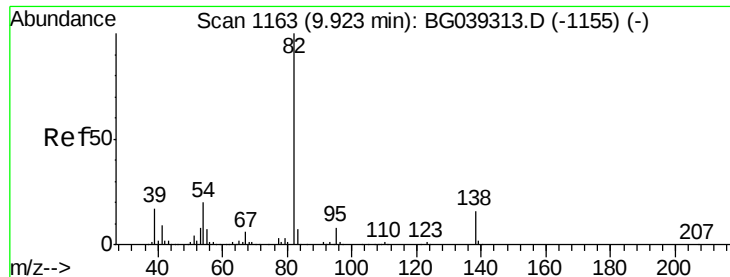
#24
 Nitrobenzene
 Concen: 44.451 ng
 RT: 9.40 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: BG039451.D
 Acq: 12 Feb 2019 2:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.0	34.1	51.1
65	15.4	12.3	18.5



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





#25

Isophorone

Concen: 37.542 ng

RT: 9.91 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BG039451.D

Acq: 12 Feb 2019 2:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

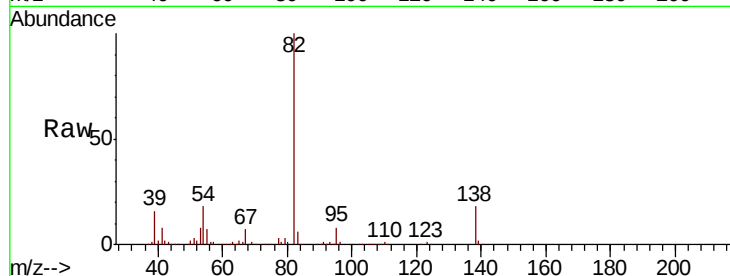
Tgt Ion: 82 Resp: 545091

Ion Ratio Lower Upper

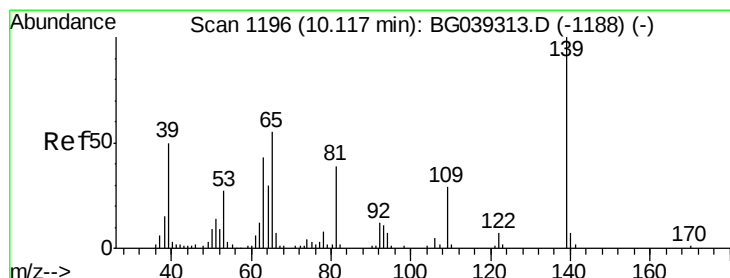
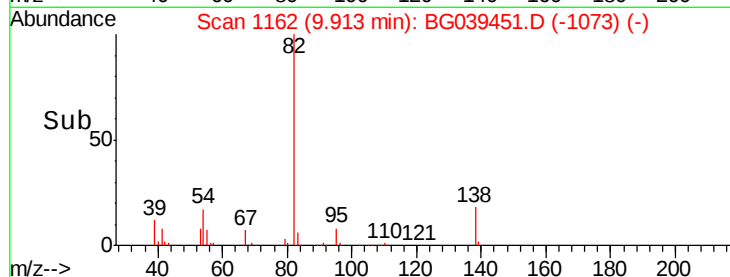
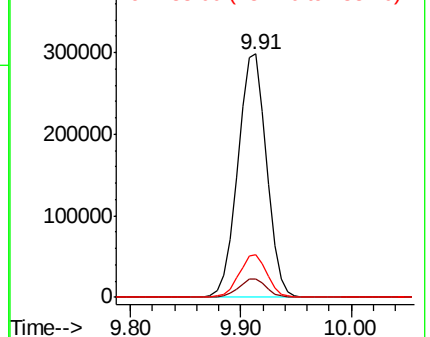
82 100

95 7.6 6.2 9.2

138 17.6 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: 54.010 ng

RT: 10.10 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BG039451.D

Acq: 12 Feb 2019 2:02

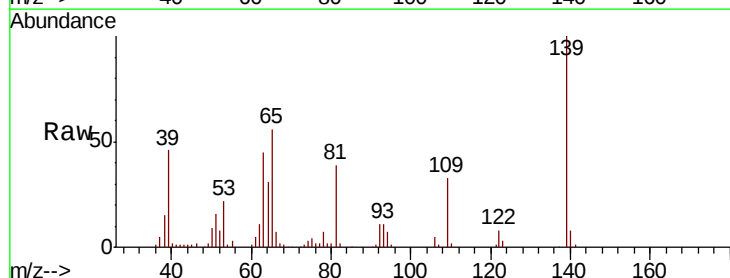
Tgt Ion: 139 Resp: 155859

Ion Ratio Lower Upper

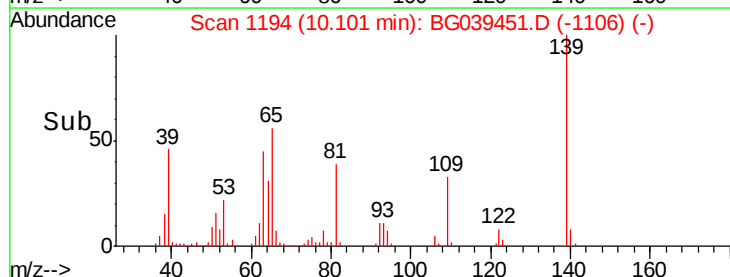
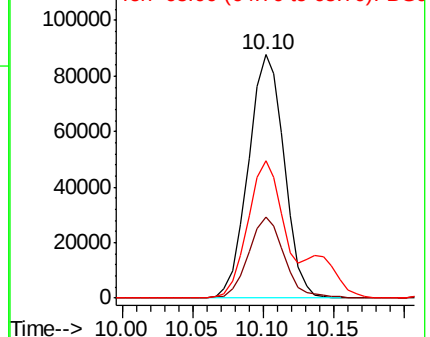
139 100

109 33.4 23.4 35.0

65 56.3 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

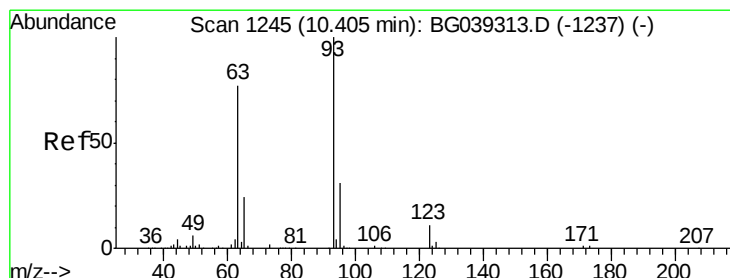
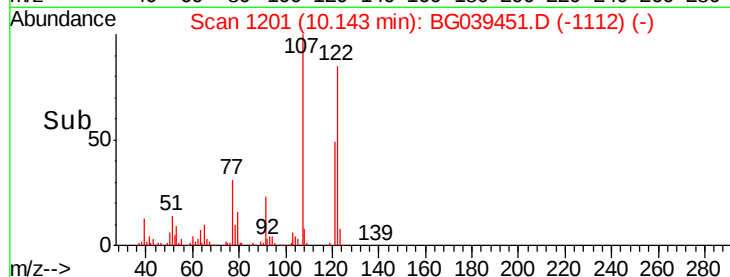
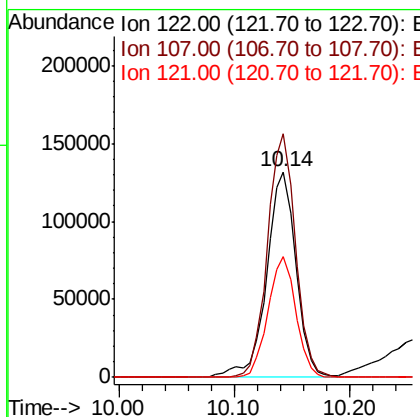
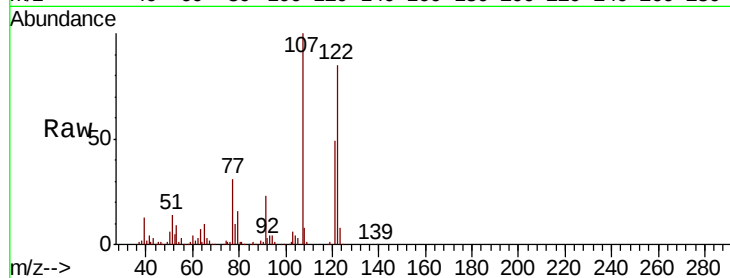




#27
 2,4-Dimethylphenol
 Concen: 39.908 ng
 RT: 10.14 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BG039451.D
 Acq: 12 Feb 2019 2:02

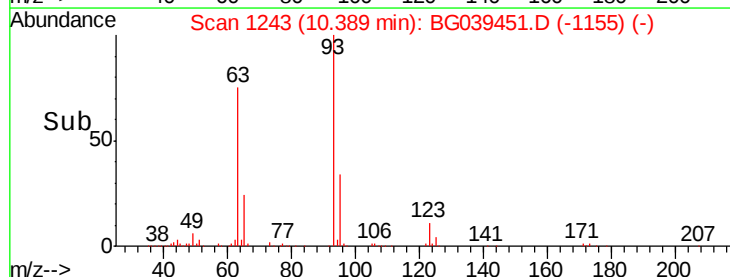
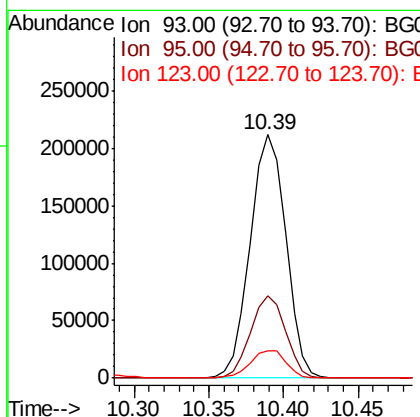
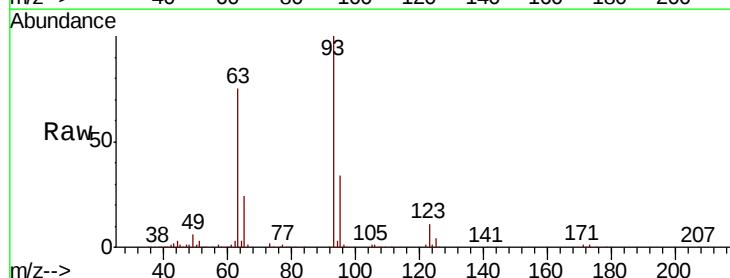
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
122	100		
107	118.3	91.7	137.5
121	58.5	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.156 ng
 RT: 10.39 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BG039451.D
 Acq: 12 Feb 2019 2:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.1	25.0	37.4
123	11.2	8.6	12.8

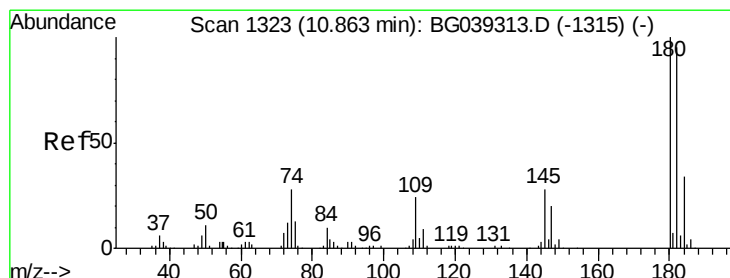
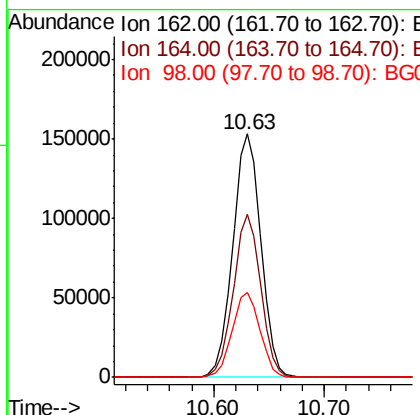
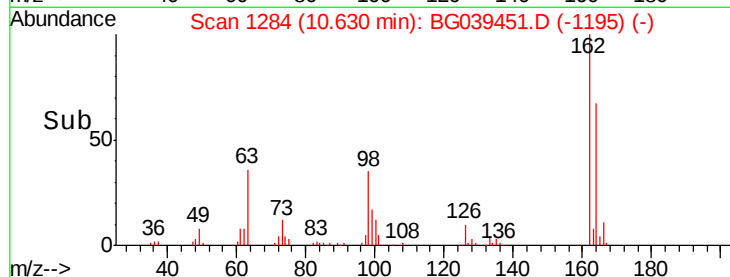
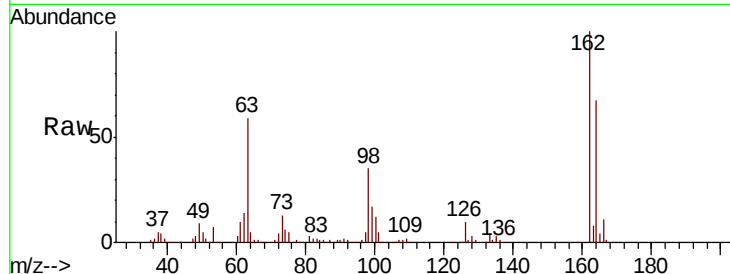




#29
2,4-Dichlorophenol
Concen: 42.627 ng
RT: 10.63 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG039451.D
Acq: 12 Feb 2019 2:02

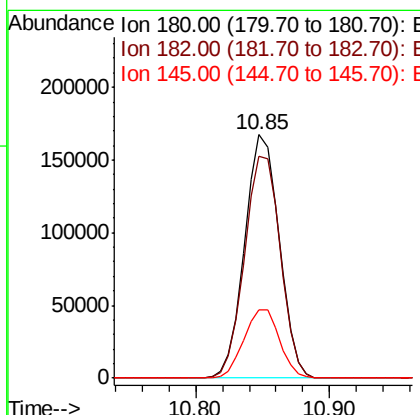
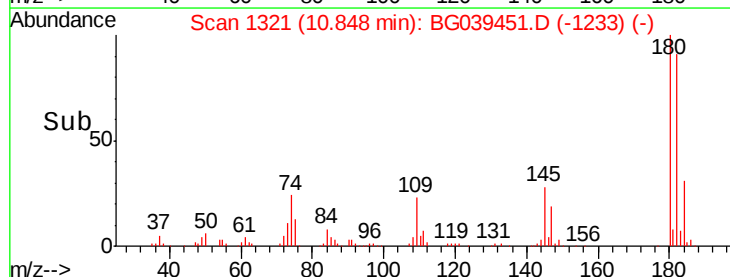
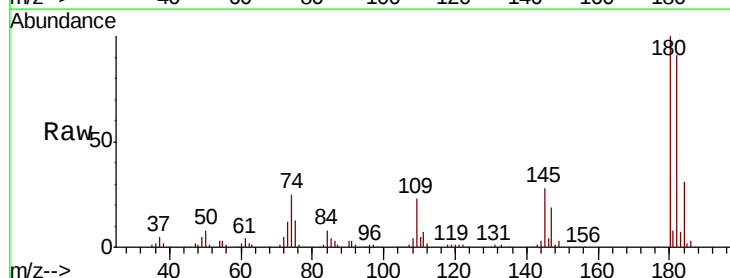
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

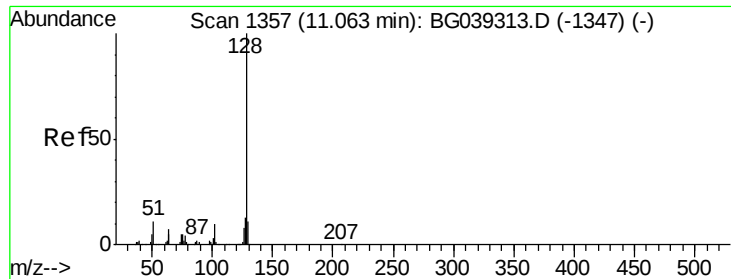
Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.9	48.1	88.1
98	35.0	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 41.582 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BG039451.D
Acq: 12 Feb 2019 2:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.1	76.0	114.0
145	28.1	22.7	34.1

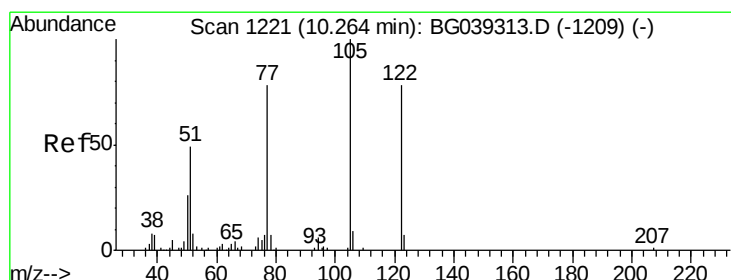
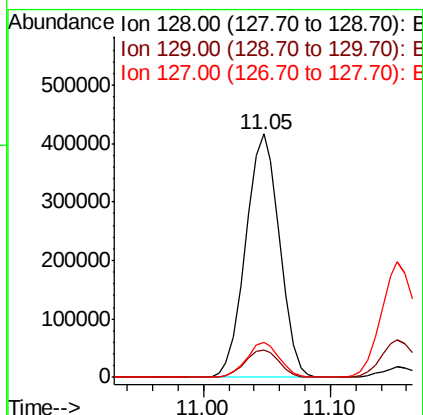
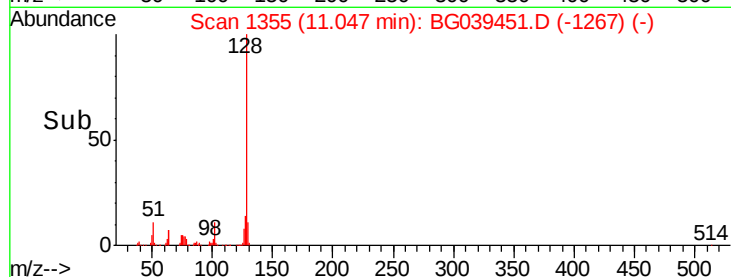
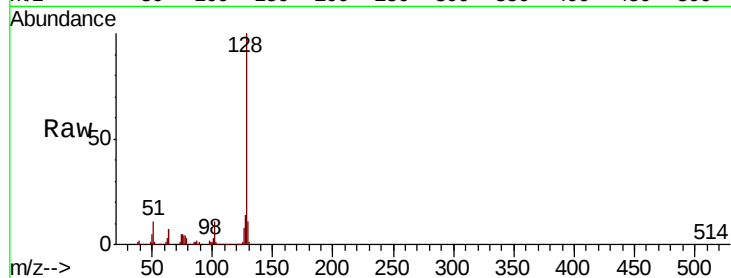




#31
Naphthalene
Concen: 37.955 ng
RT: 11.05 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BG039451.D
Acq: 12 Feb 2019 2:02

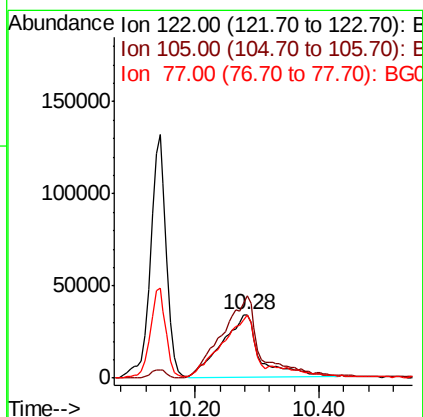
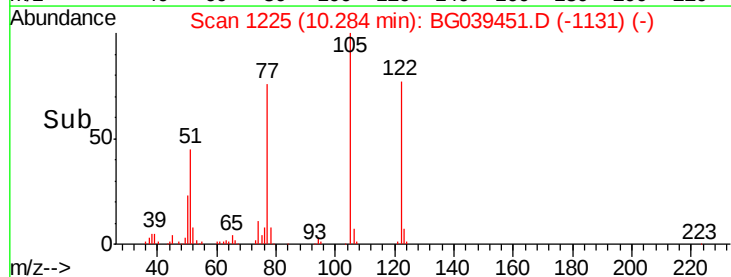
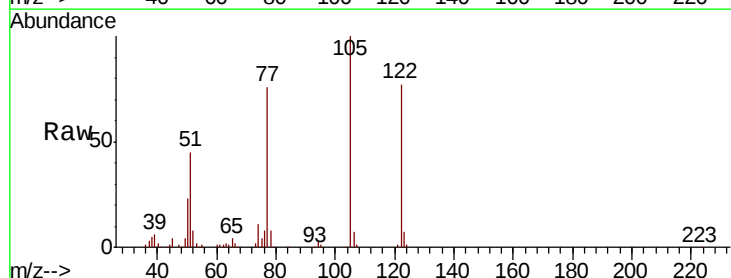
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 770733
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 14.2 10.8 16.2



#32
Benzoic acid
Concen: 39.425 ng
RT: 10.28 min Scan# 1225
Delta R.T. 0.02 min
Lab File: BG039451.D
Acq: 12 Feb 2019 2:02

Tgt Ion:122 Resp: 144000
Ion Ratio Lower Upper
122 100
105 130.3 101.8 141.8
77 98.5 76.3 116.3

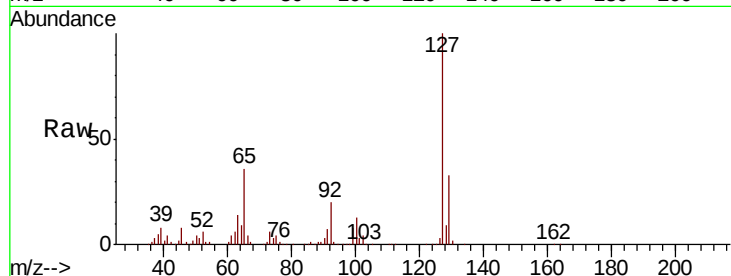




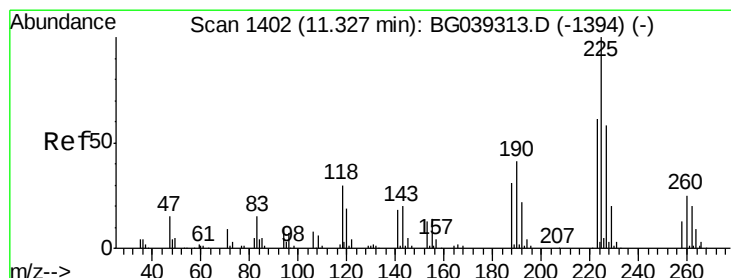
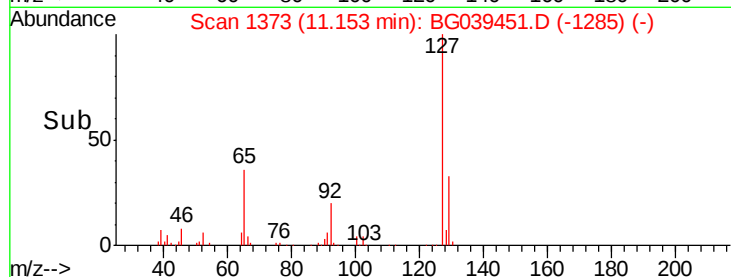
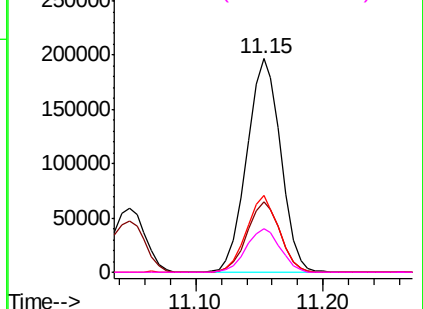
#33
4-Chloroaniline
Concen: 38.698 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BG039451.D
Acq: 12 Feb 2019 2:02

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	364360
Ion	Ratio	Lower	Upper
127	100		
129	33.1	27.0	40.4
65	36.2	28.8	43.2
92	20.5	16.6	25.0

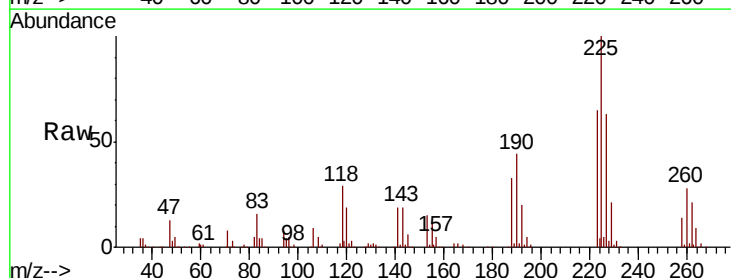


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

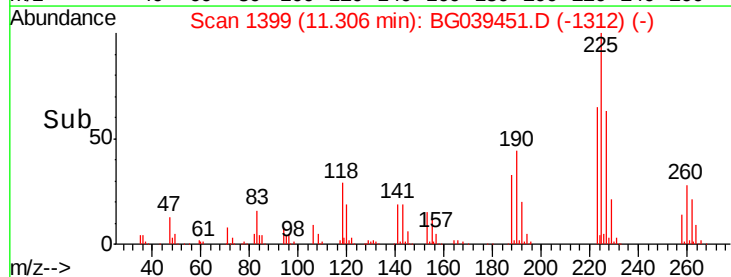
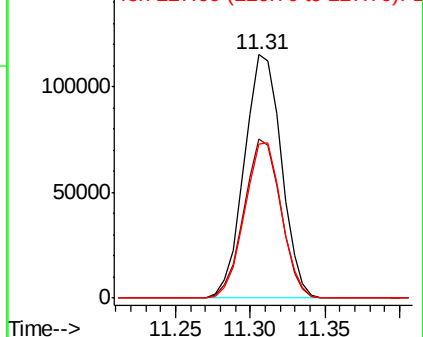


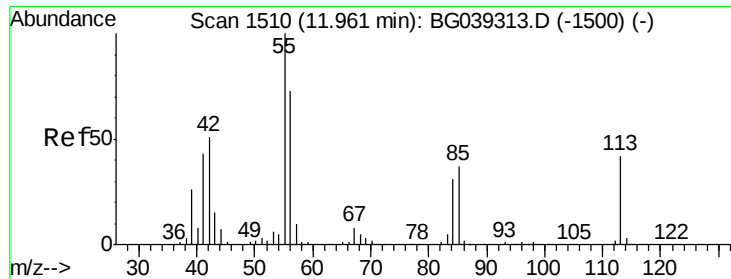
#34
Hexachlorobutadiene
Concen: 41.363 ng
RT: 11.31 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BG039451.D
Acq: 12 Feb 2019 2:02

Tgt Ion:	225	Resp:	198247
Ion	Ratio	Lower	Upper
225	100		
223	65.2	49.0	73.6
227	63.3	46.3	69.5



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





#35

Caprolactam

Concen: 40.042 ng

RT: 11.96 min Scan# 1511

Delta R.T. 0.00 min

Lab File: BG039451.D

Acq: 12 Feb 2019 2:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

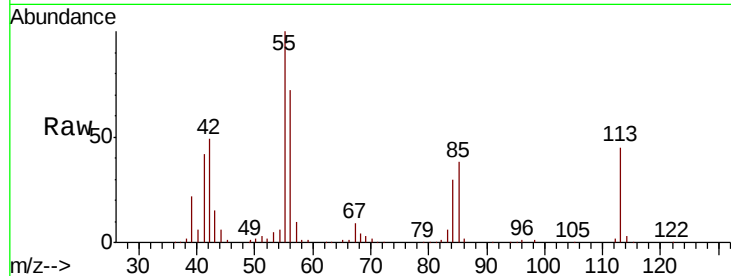
Tgt Ion:113 Resp: 106368

Ion Ratio Lower Upper

113 100

55 220.4 216.9 256.9

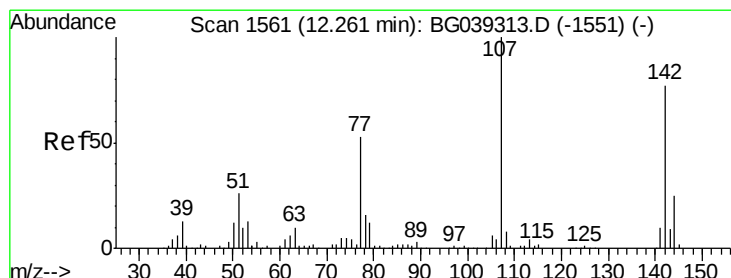
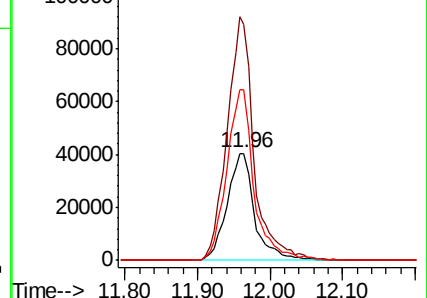
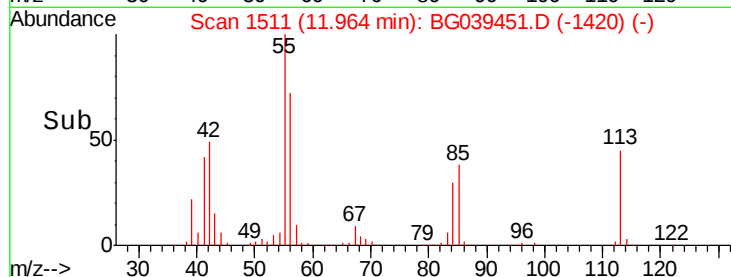
56 159.5 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 40.465 ng

RT: 12.25 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BG039451.D

Acq: 12 Feb 2019 2:02

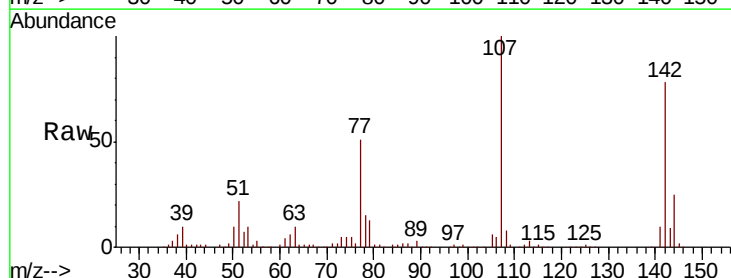
Tgt Ion:107 Resp: 300412

Ion Ratio Lower Upper

107 100

144 25.4 20.2 30.2

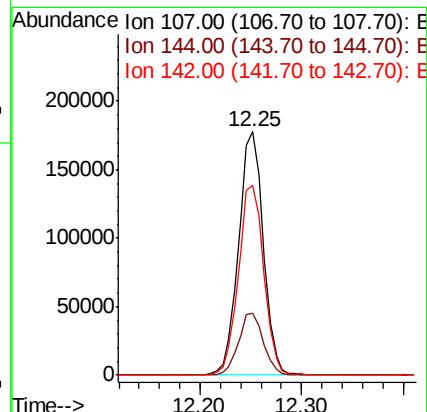
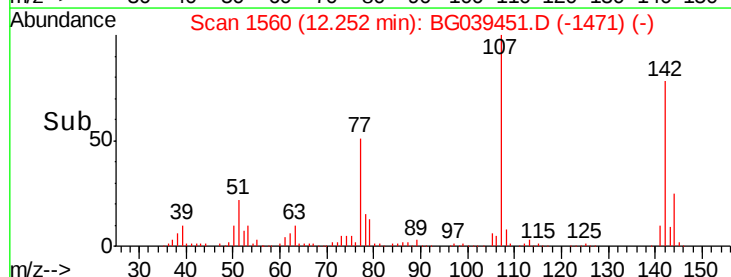
142 77.7 61.4 92.2

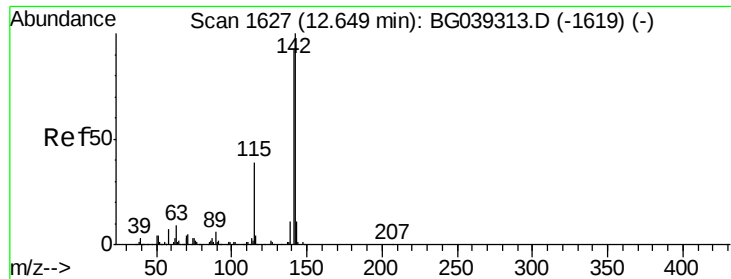


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

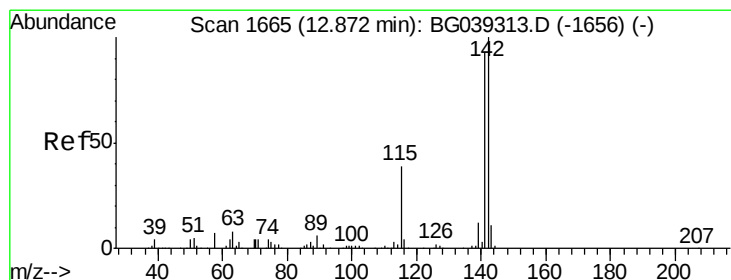
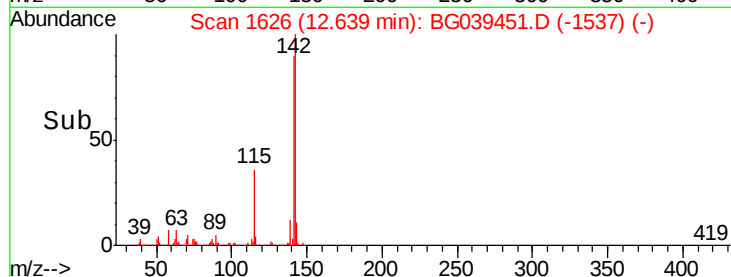
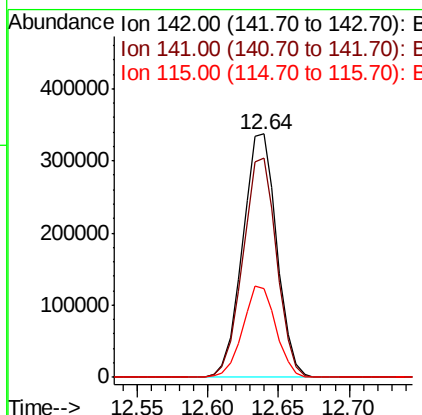
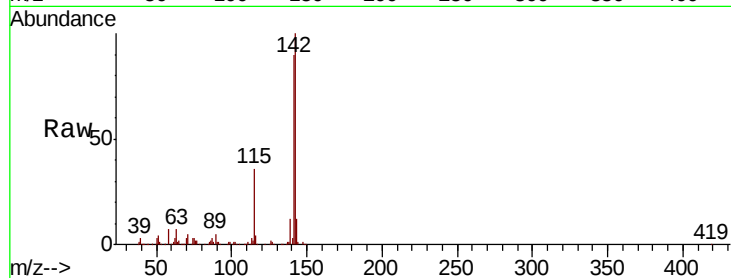




#37
 2-Methylnaphthalene
 Concen: 37.966 ng
 RT: 12.64 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BG039451.D
 Acq: 12 Feb 2019 2:02

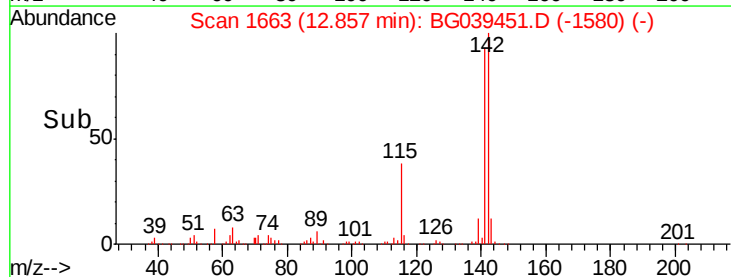
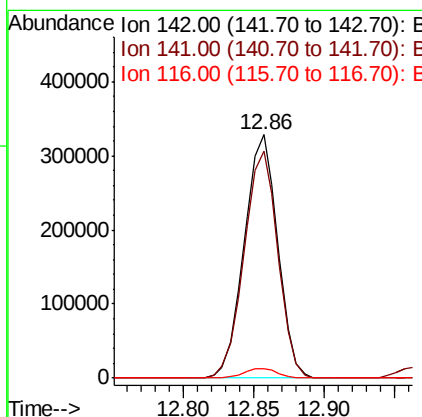
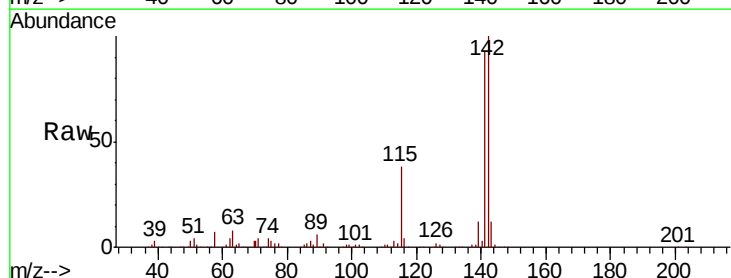
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

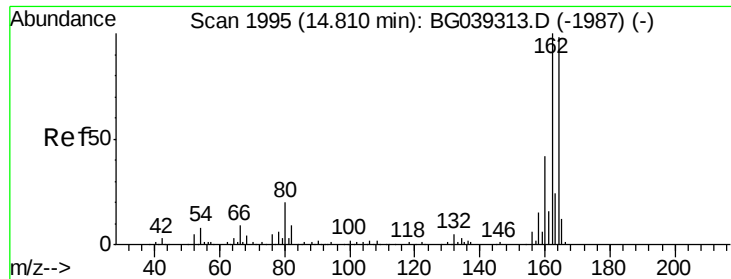
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	73.5	110.3
115	36.5	30.8	46.2



#38
 1-Methylnaphthalene
 Concen: 37.703 ng
 RT: 12.86 min Scan# 1663
 Delta R.T. -0.02 min
 Lab File: BG039451.D
 Acq: 12 Feb 2019 2:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.2	111.4
116	4.1	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BG039451.D

Acq: 12 Feb 2019 2:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

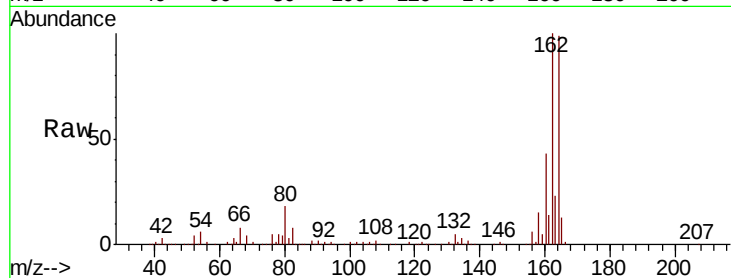
Tgt Ion:164 Resp: 267254

Ion Ratio Lower Upper

164 100

162 100.6 81.6 122.4

160 43.2 34.2 51.2

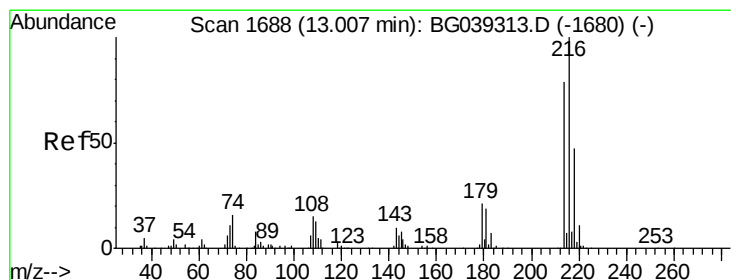
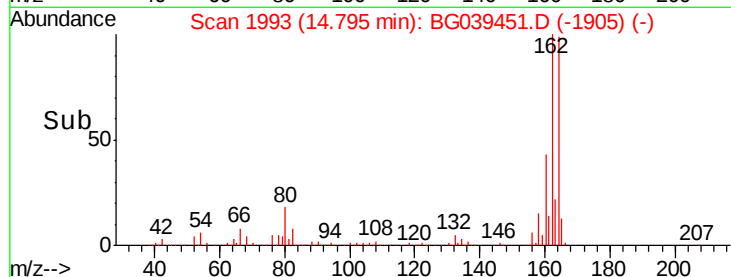
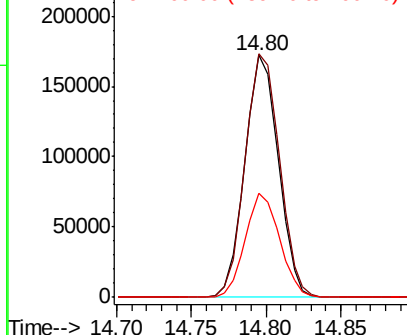


Abundance

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: 41.336 ng

RT: 12.99 min Scan# 1686

Delta R.T. -0.02 min

Lab File: BG039451.D

Acq: 12 Feb 2019 2:02

Tgt Ion:216 Resp: 351492

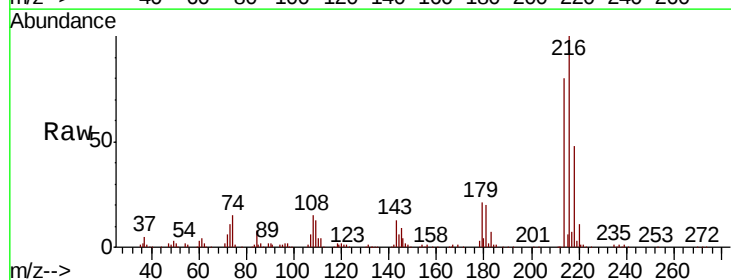
Ion Ratio Lower Upper

216 100

214 80.4 62.6 94.0

179 20.8 16.6 25.0

108 16.7 14.0 21.0



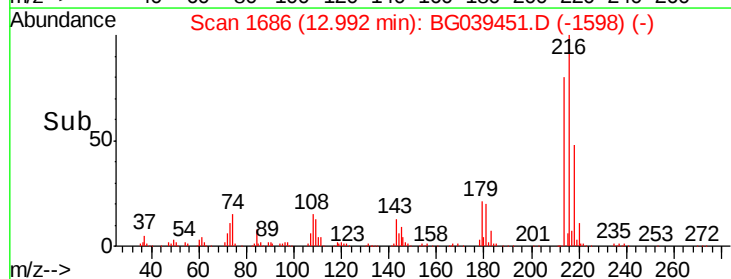
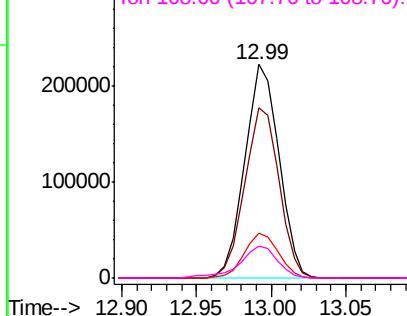
Abundance

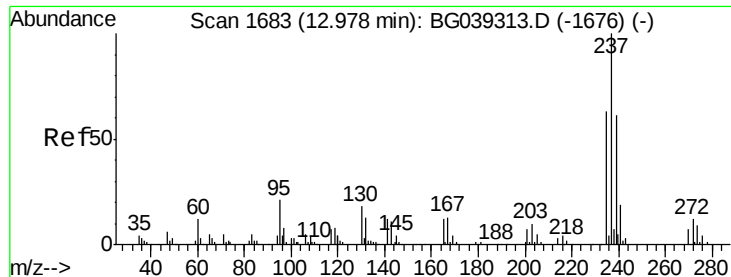
Ion 216.00 (215.70 to 216.70): E

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

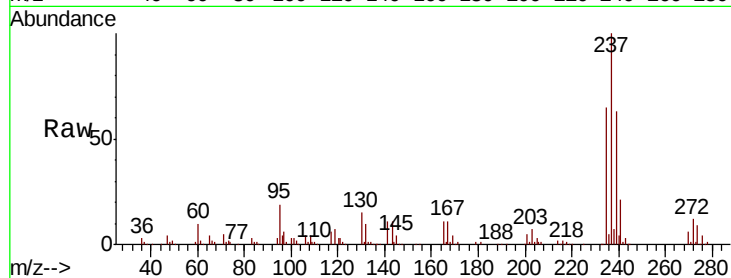




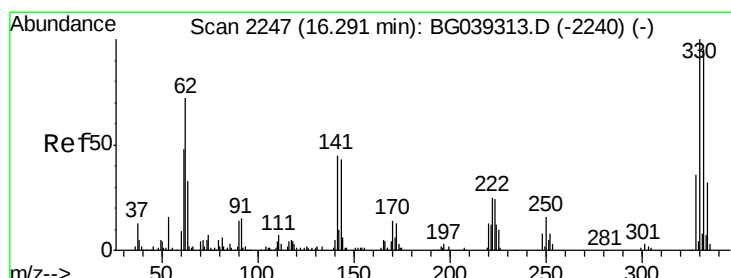
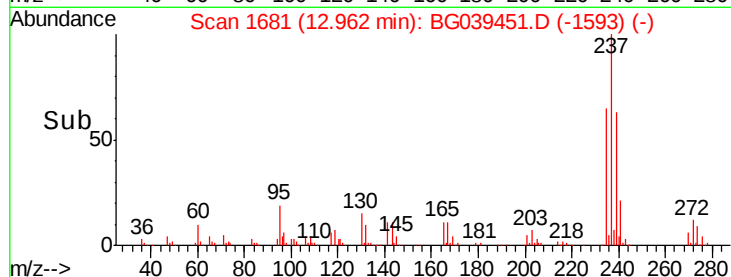
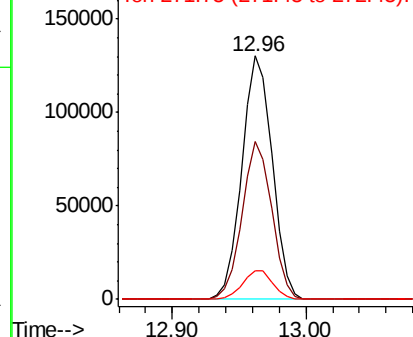
#41
Hexachlorocyclopentadiene
Concen: 44.091 ng
RT: 12.96 min Scan# 1681
Delta R.T. -0.02 min
Lab File: BG039451.D
Acq: 12 Feb 2019 2:02

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 237 Resp: 204298
Ion Ratio Lower Upper
237 100
235 64.8 43.3 83.3
272 11.7 0.0 32.3

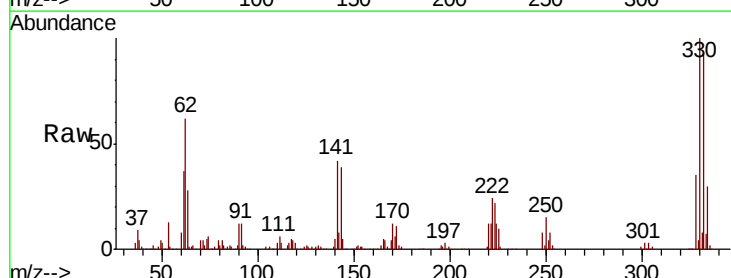


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

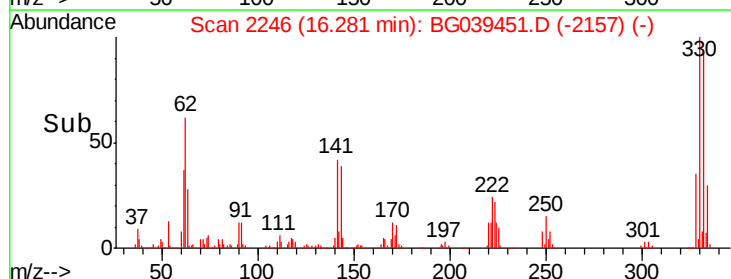
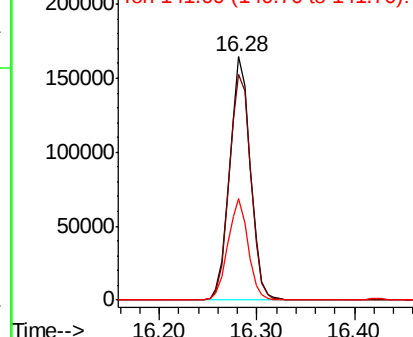


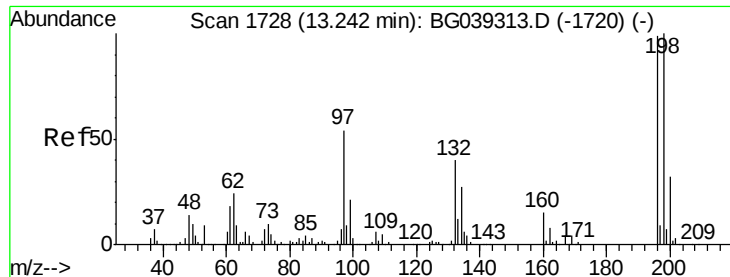
#42
2,4,6-Tribromophenol
Concen: 84.294 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039451.D
Acq: 12 Feb 2019 2:02

Tgt Ion: 330 Resp: 242587
Ion Ratio Lower Upper
330 100
332 96.1 75.7 113.5
141 40.5 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

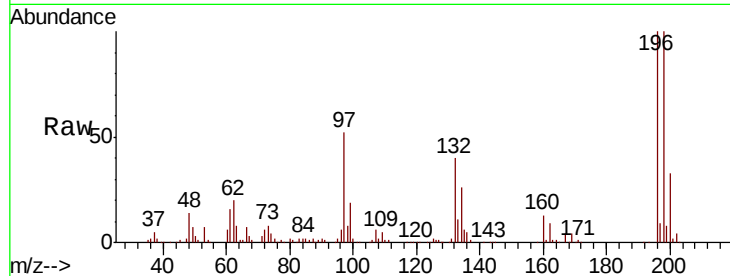




#43
 2,4,6-Trichlorophenol
 Concen: 44.410 ng
 RT: 13.23 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BG039451.D
 Acq: 12 Feb 2019 2:02

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	232186		
198	100.4	80.6	121.0	
200	33.2	26.1	39.1	

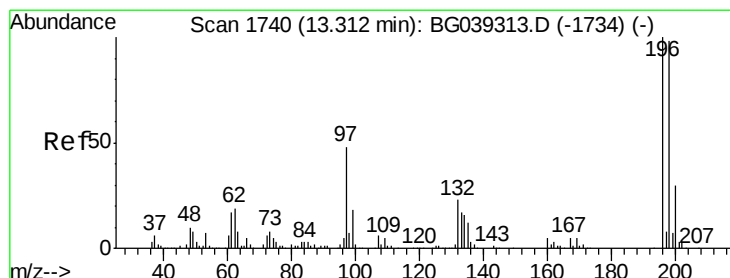
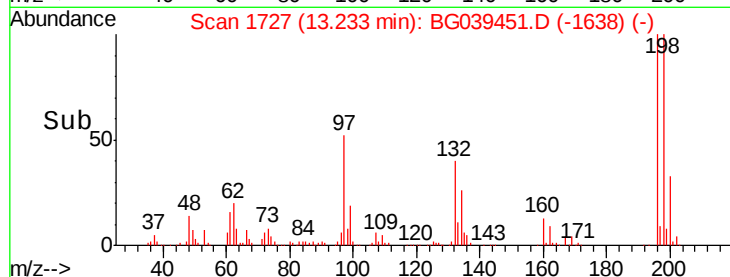
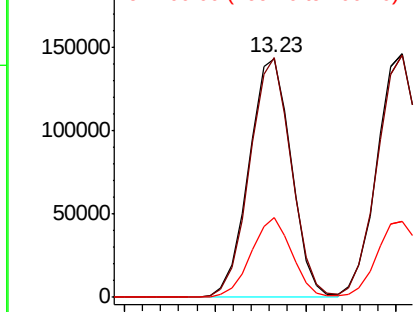


Abundance

Ion 196.00 (195.70 to 196.70): E

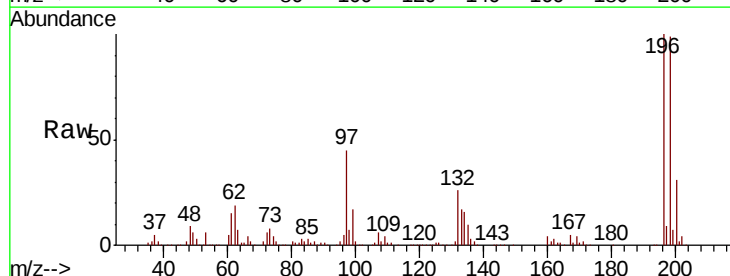
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 43.697 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG039451.D
 Acq: 12 Feb 2019 2:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	239444		
198	99.4	78.5	117.7	
97	45.1	38.4	57.6	
132	26.0	19.2	28.8	



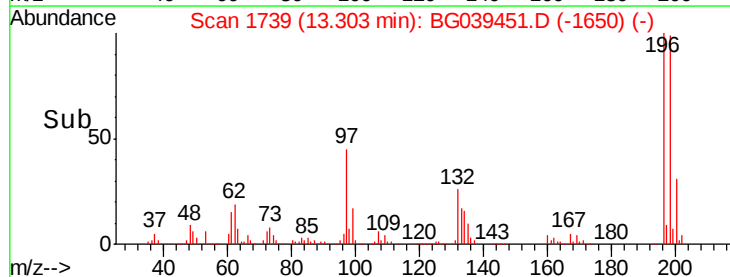
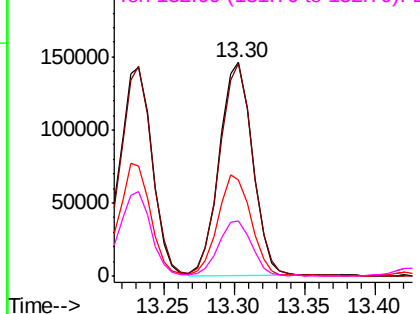
Abundance

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

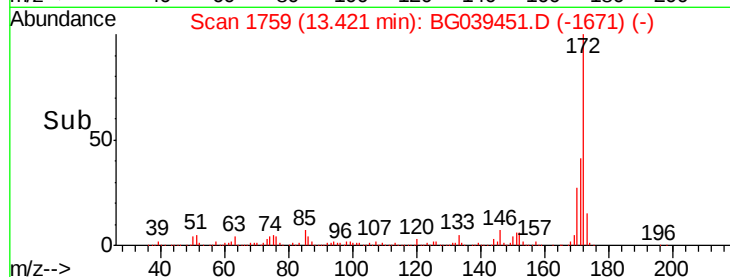
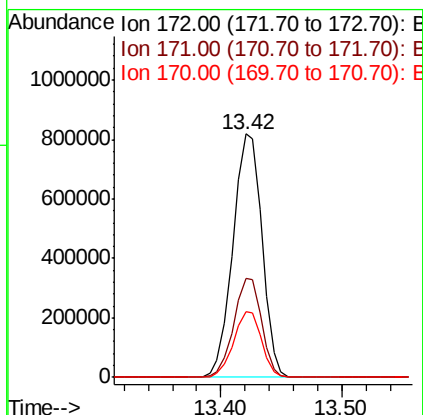
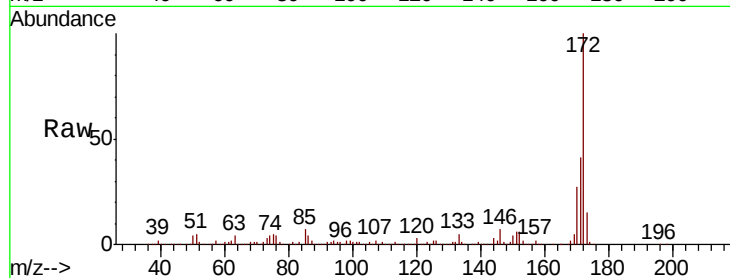




#45
 2-Fluorobiphenyl
 Concen: 73.728 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.02 min
 Lab File: BG039451.D
 Acq: 12 Feb 2019 2:02

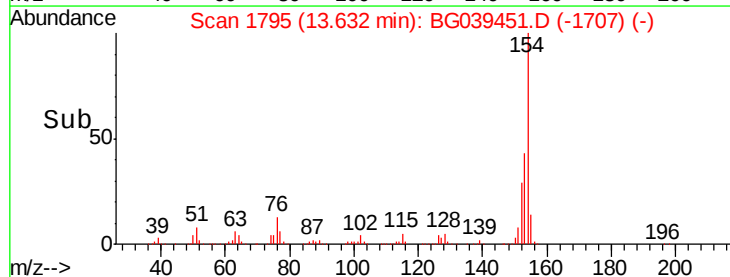
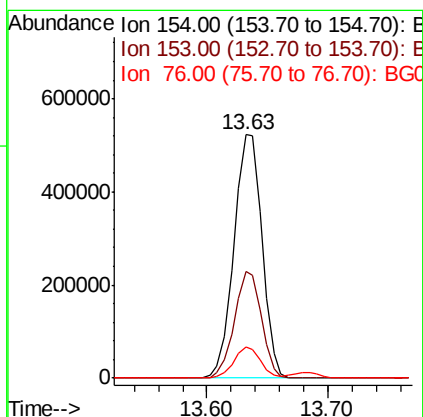
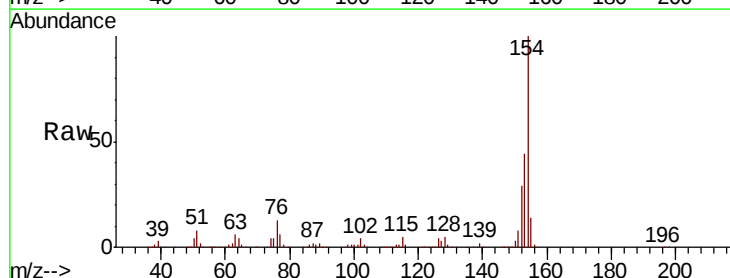
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

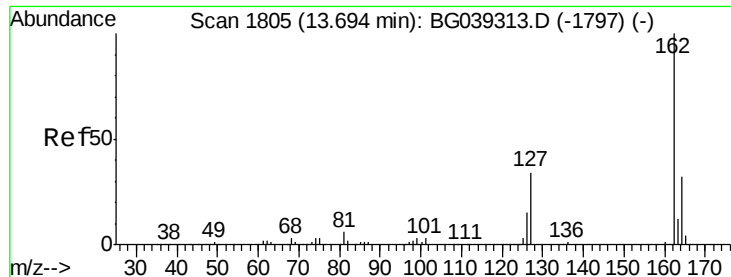
Tgt Ion:172 Resp: 1373538
 Ion Ratio Lower Upper
 172 100
 171 40.7 30.8 46.2
 170 26.9 20.2 30.4



#46
 1,1'-Biphenyl
 Concen: 38.049 ng
 RT: 13.63 min Scan# 1795
 Delta R.T. -0.02 min
 Lab File: BG039451.D
 Acq: 12 Feb 2019 2:02

Tgt Ion:154 Resp: 846066
 Ion Ratio Lower Upper
 154 100
 153 43.6 22.1 62.1
 76 12.7 0.0 32.4

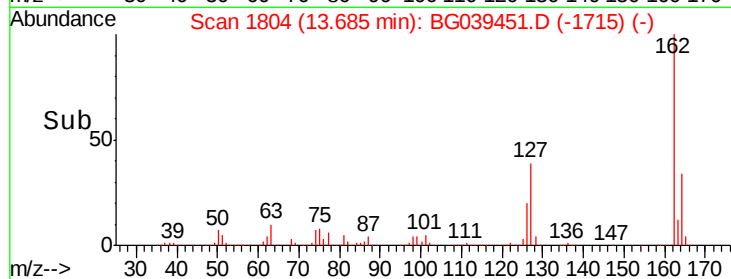
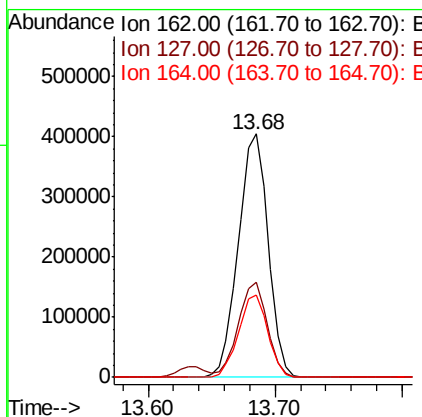
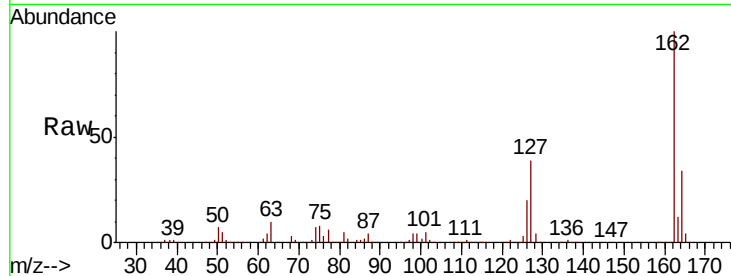




#47
2-Chloronaphthalene
Concen: 39.382 ng
RT: 13.68 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BG039451.D
Acq: 12 Feb 2019 2:02

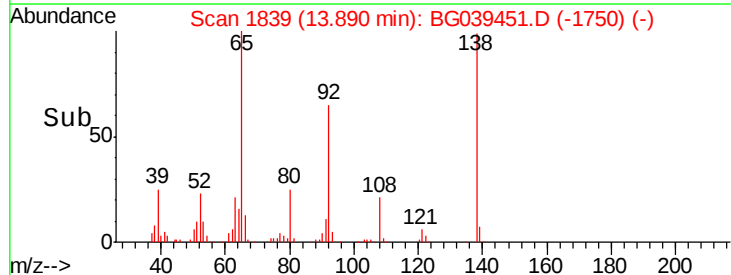
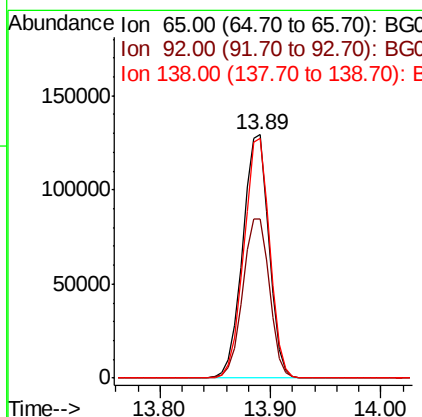
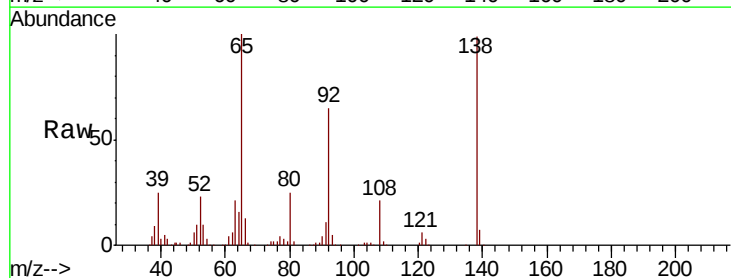
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

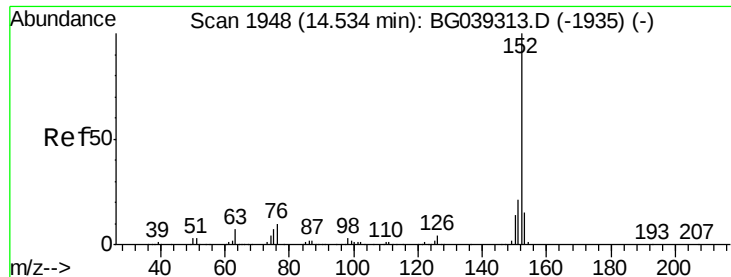
Tgt Ion: 162 Resp: 658767
Ion Ratio Lower Upper
162 100
127 39.1 31.0 46.6
164 33.7 25.7 38.5



#48
2-Nitroaniline
Concen: 45.552 ng
RT: 13.89 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BG039451.D
Acq: 12 Feb 2019 2:02

Tgt Ion: 65 Resp: 216432
Ion Ratio Lower Upper
65 100
92 65.2 51.4 77.2
138 98.6 71.4 107.2





#49

Acenaphthylene

Concen: 37.397 ng

RT: 14.52 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG039451.D

Acq: 12 Feb 2019 2:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

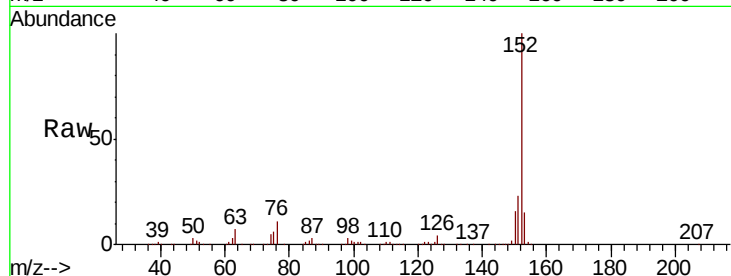
Tgt Ion:152 Resp: 943927

Ion Ratio Lower Upper

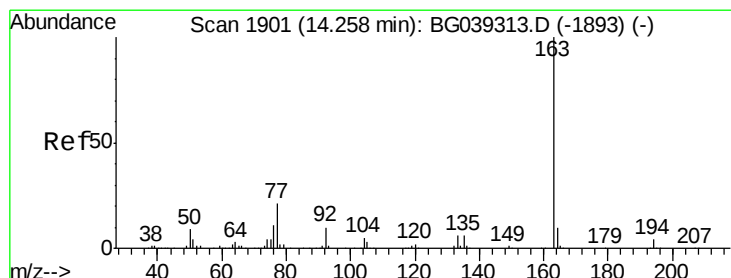
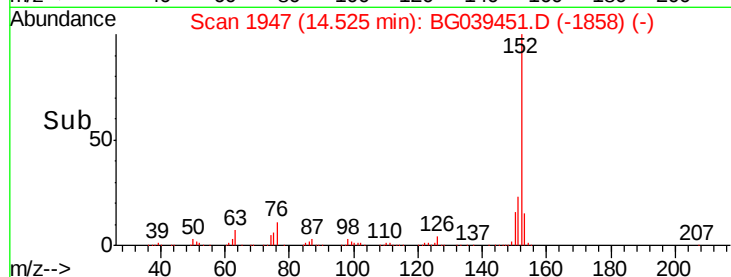
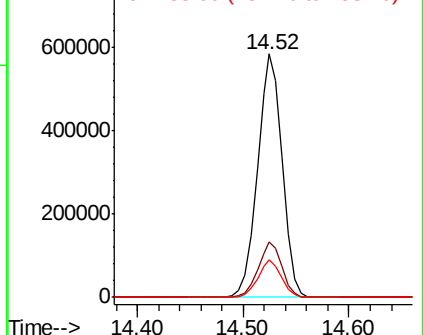
152 100

151 22.7 16.8 25.2

153 15.4 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: 37.540 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG039451.D

Acq: 12 Feb 2019 2:02

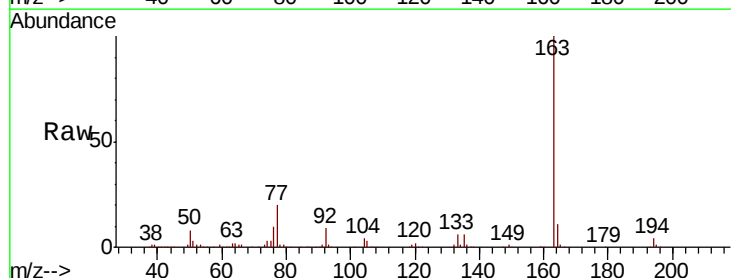
Tgt Ion:163 Resp: 810285

Ion Ratio Lower Upper

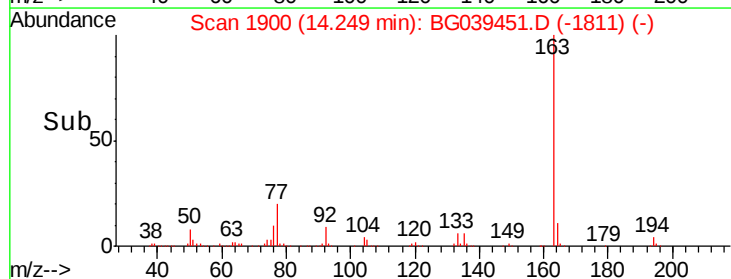
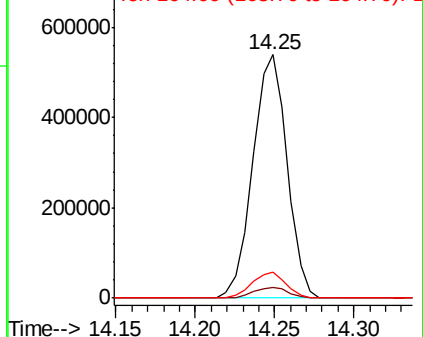
163 100

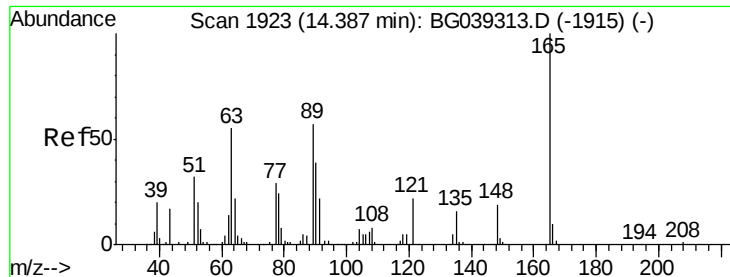
194 4.3 3.6 5.4

164 10.9 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

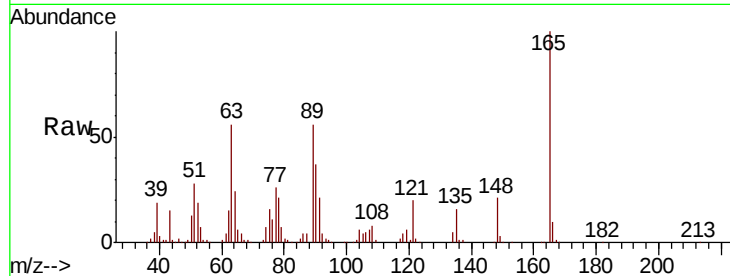




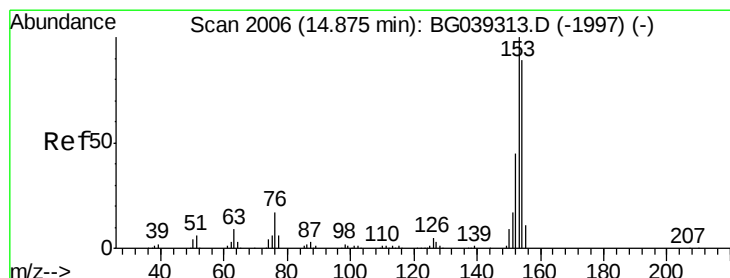
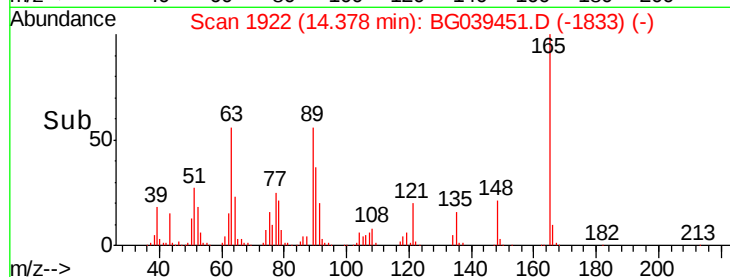
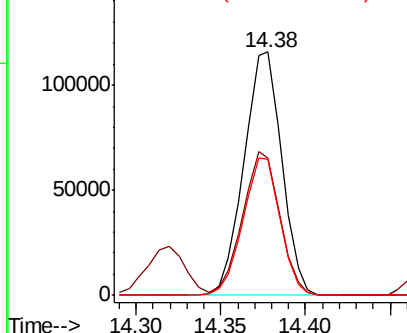
#51
 2,6-Dinitrotoluene
 Concen: 45.221 ng
 RT: 14.38 min Scan# 1922
 Delta R.T. -0.01 min
 Lab File: BG039451.D
 Acq: 12 Feb 2019 2:02

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:165 Resp: 180648
 Ion Ratio Lower Upper
 165 100
 63 56.4 47.0 70.6
 89 56.0 45.8 68.8

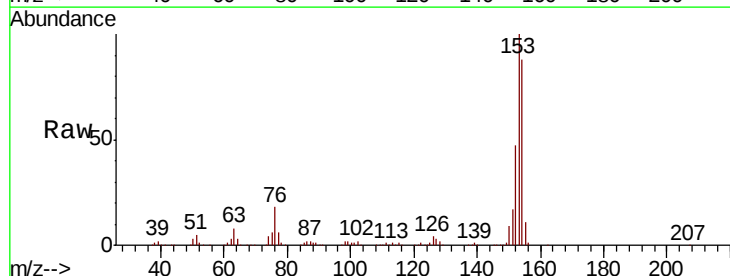


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

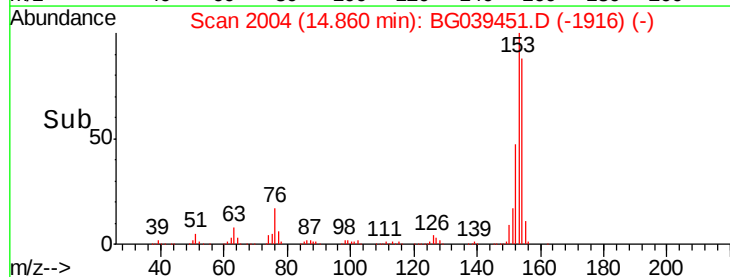
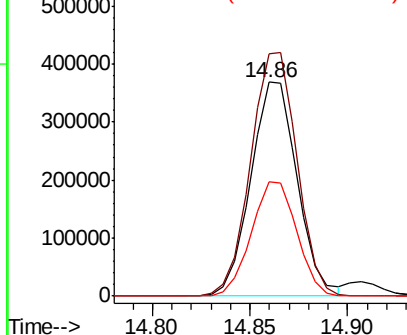


#52
 Acenaphthene
 Concen: 37.112 ng
 RT: 14.86 min Scan# 2004
 Delta R.T. -0.02 min
 Lab File: BG039451.D
 Acq: 12 Feb 2019 2:02

Tgt Ion:154 Resp: 608059
 Ion Ratio Lower Upper
 154 100
 153 113.4 90.1 135.1
 152 53.2 40.9 61.3



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

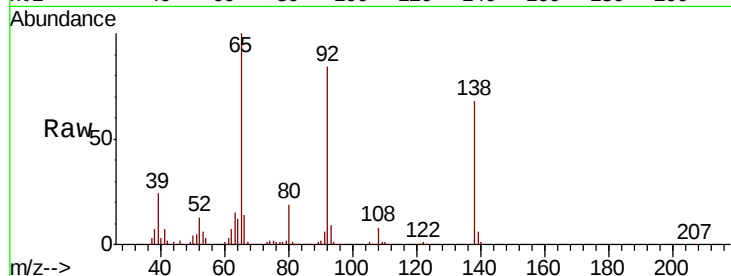




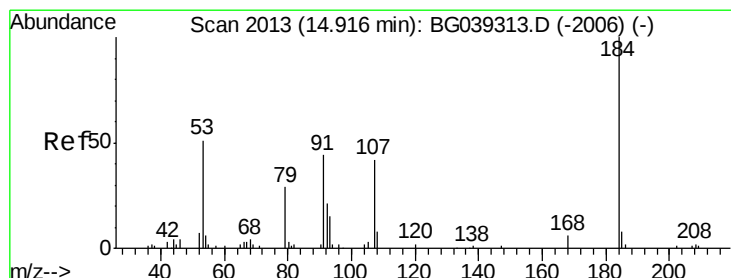
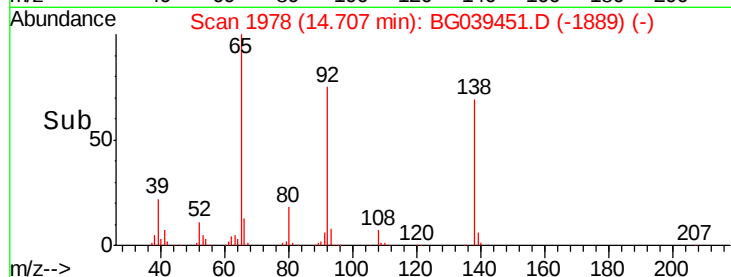
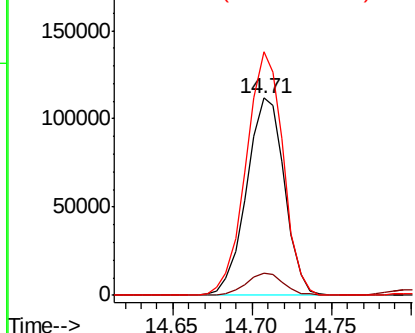
#53
3-Nitroaniline
Concen: 43.254 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG039451.D
Acq: 12 Feb 2019 2:02

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 185442
Ion Ratio Lower Upper
138 100
108 11.0 13.8 20.8#
92 123.3 103.7 155.5

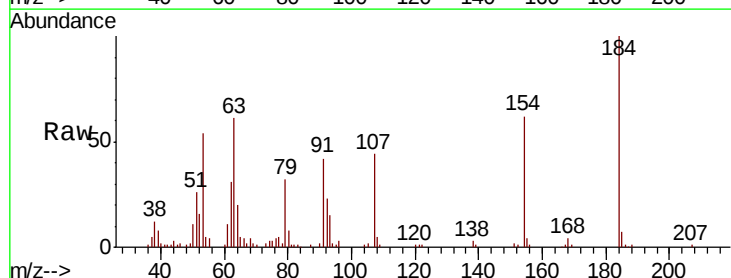


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

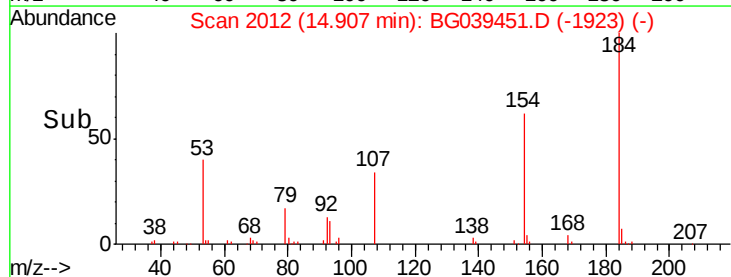
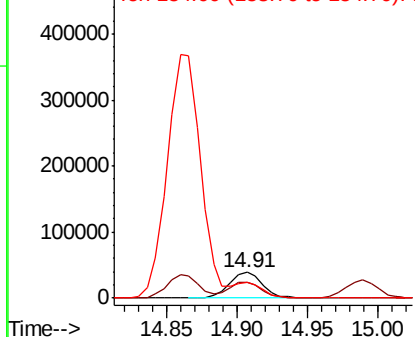


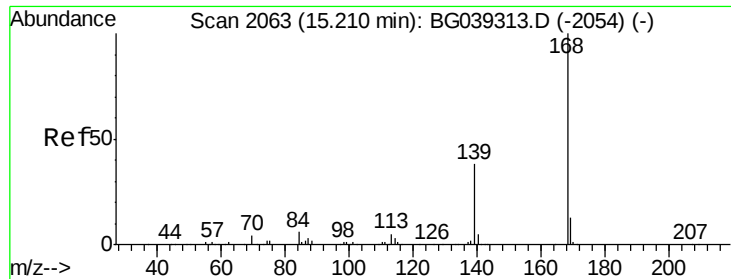
#54
2,4-Dinitrophenol
Concen: 46.215 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG039451.D
Acq: 12 Feb 2019 2:02

Tgt Ion:184 Resp: 65063
Ion Ratio Lower Upper
184 100
63 61.4 50.9 76.3
154 62.4 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

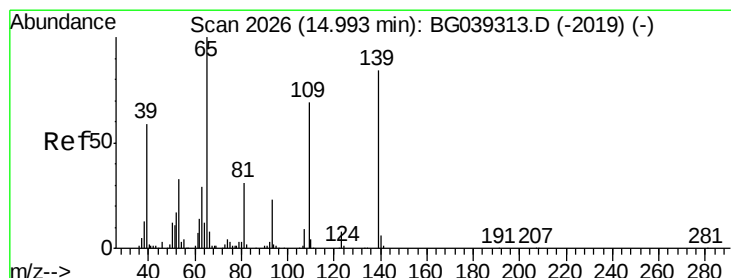
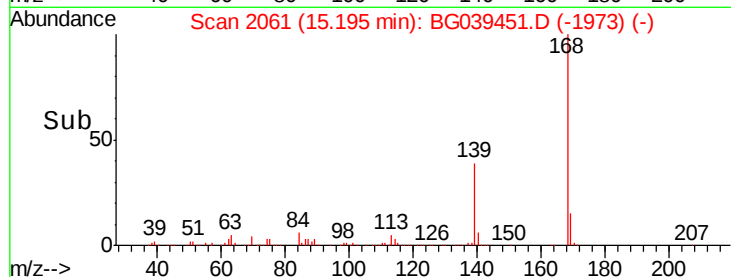
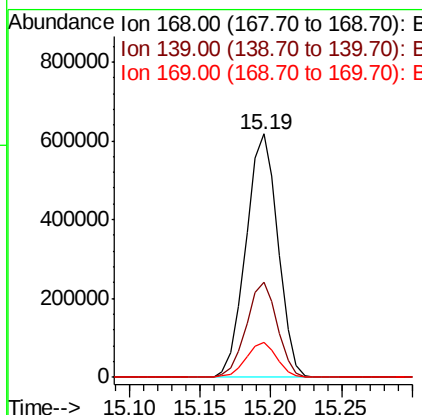
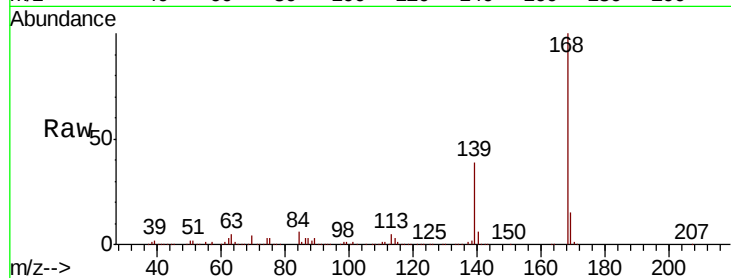




#55
Dibenzofuran
Concen: 37.322 ng
RT: 15.19 min Scan# 2061
Delta R.T. -0.02 min
Lab File: BG039451.D
Acq: 12 Feb 2019 2:02

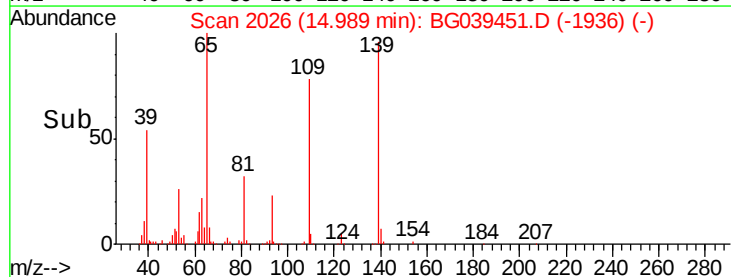
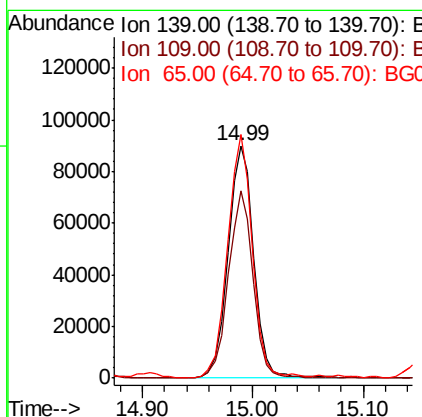
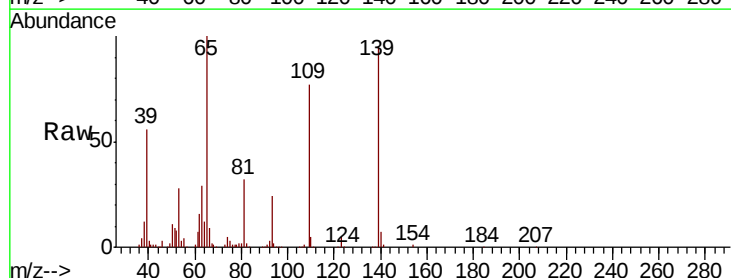
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

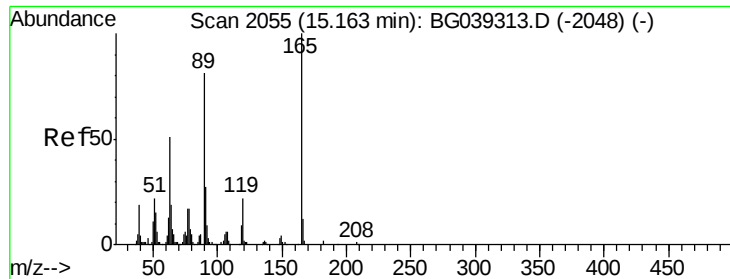
Tgt Ion:168 Resp: 980431
Ion Ratio Lower Upper
168 100
139 39.0 30.1 45.1
169 14.5 10.6 16.0



#56
4-Nitrophenol
Concen: 40.412 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG039451.D
Acq: 12 Feb 2019 2:02

Tgt Ion:139 Resp: 145650
Ion Ratio Lower Upper
139 100
109 80.7 61.9 101.9
65 104.7 99.1 139.1

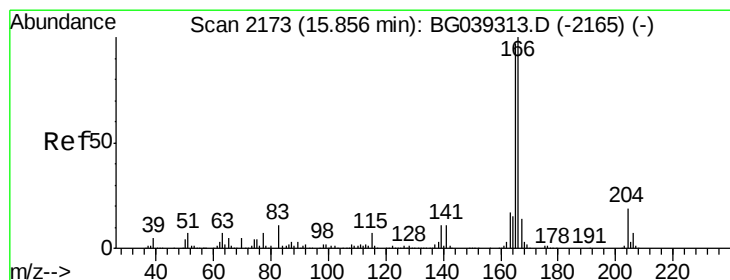
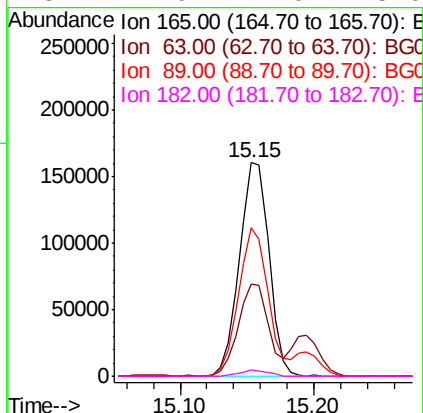
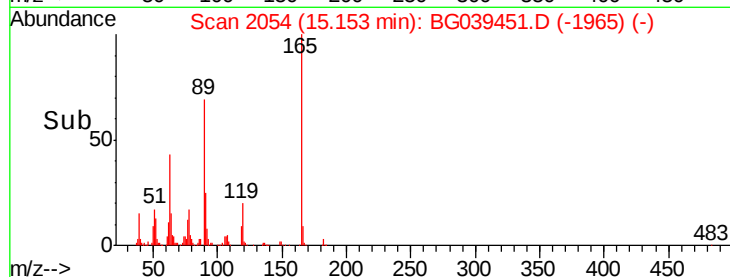
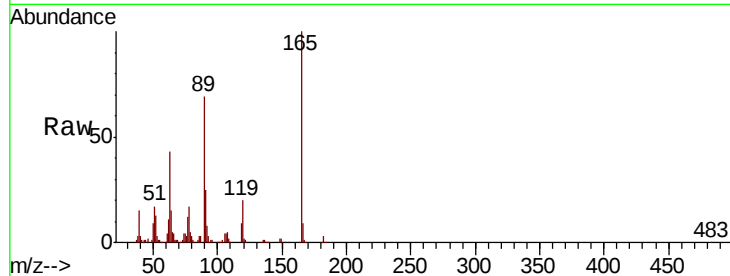




#57
2,4-Dinitrotoluene
Concen: 47.606 ng
RT: 15.15 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG039451.D
Acq: 12 Feb 2019 2:02

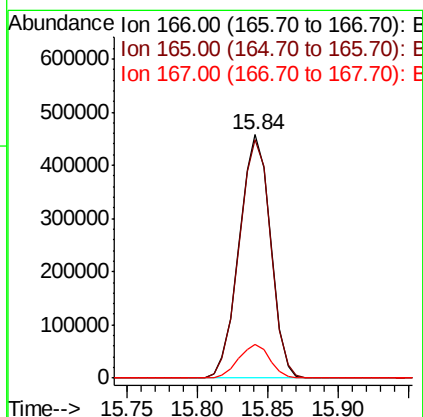
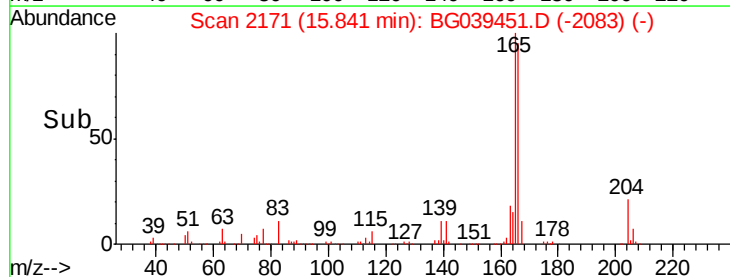
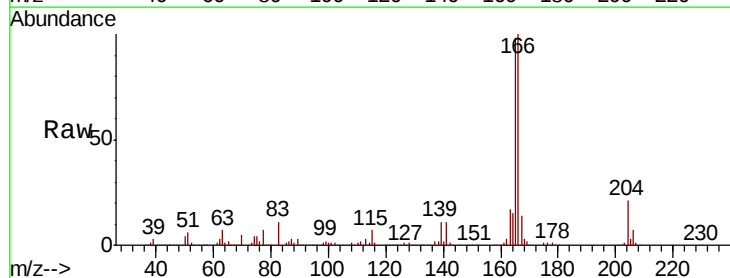
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 245601
Ion Ratio Lower Upper
165 100
63 43.3 41.0 61.6
89 69.4 64.6 96.8
182 2.9 2.0 3.0



#58
Fluorene
Concen: 36.199 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BG039451.D
Acq: 12 Feb 2019 2:02

Tgt Ion:166 Resp: 708887
Ion Ratio Lower Upper
166 100
165 98.1 77.9 116.9
167 13.9 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.407 ng

RT: 15.41 min Scan# 2097

Delta R.T. -0.02 min

Lab File: BG039451.D

Acq: 12 Feb 2019 2:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:232 Resp: 222704

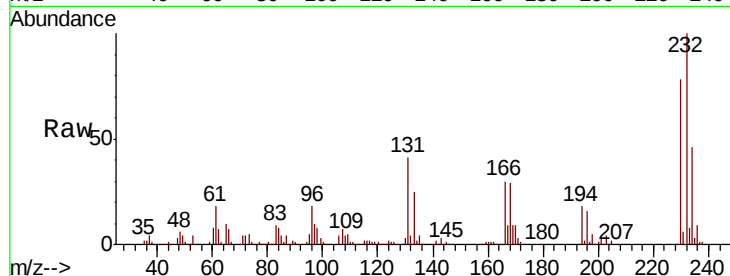
Ion Ratio Lower Upper

232 100

131 39.1 34.9 52.3

130 2.5 2.0 3.0

166 29.4 24.1 36.1

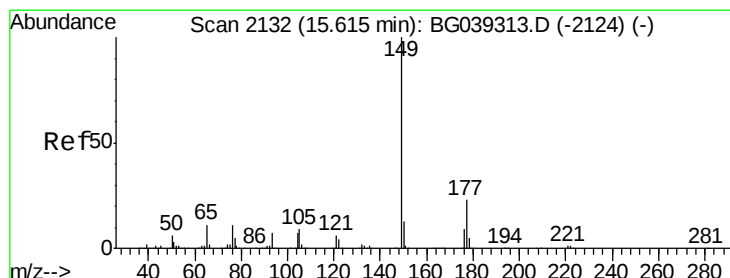
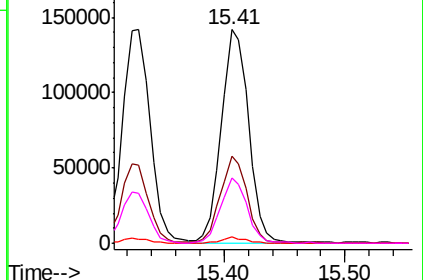
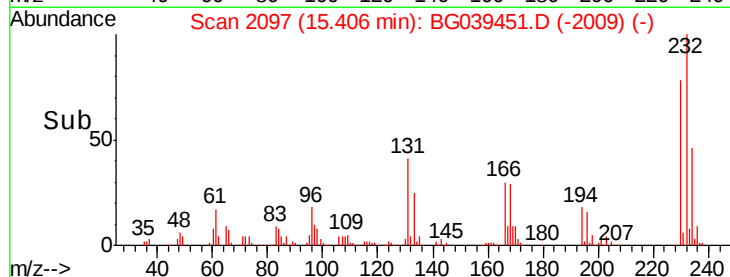


Abundance Ion 232.00 (231.70 to 232.70): E

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: 35.293 ng

RT: 15.60 min Scan# 2130

Delta R.T. -0.02 min

Lab File: BG039451.D

Acq: 12 Feb 2019 2:02

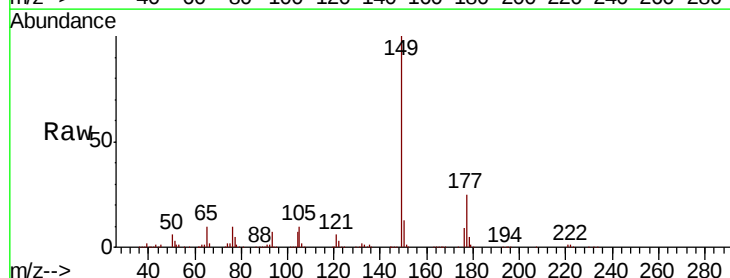
Tgt Ion:149 Resp: 787630

Ion Ratio Lower Upper

149 100

177 24.9 18.3 27.5

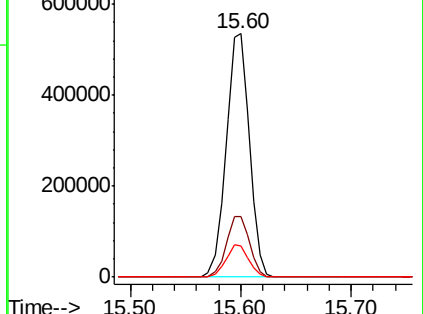
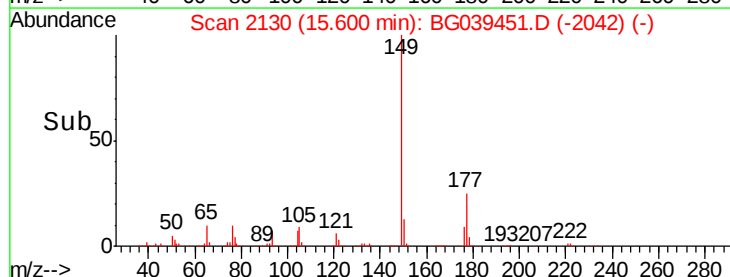
150 12.8 10.2 15.2

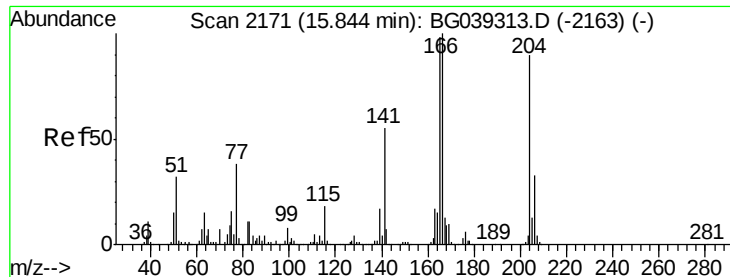


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

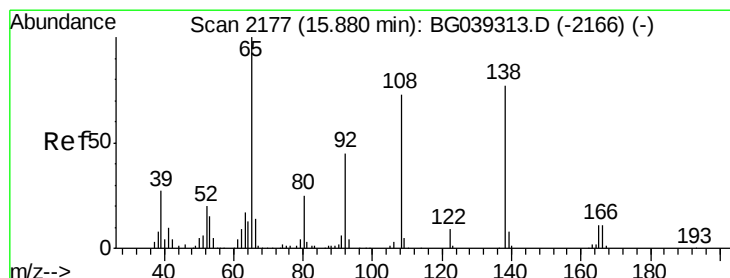
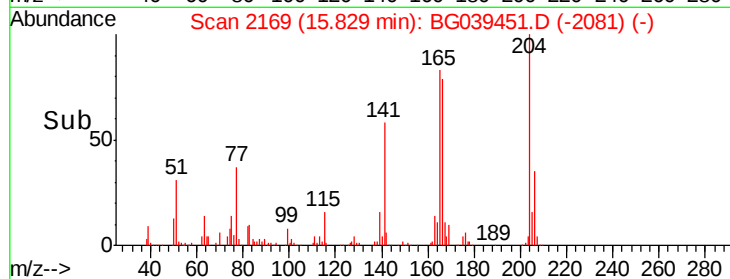
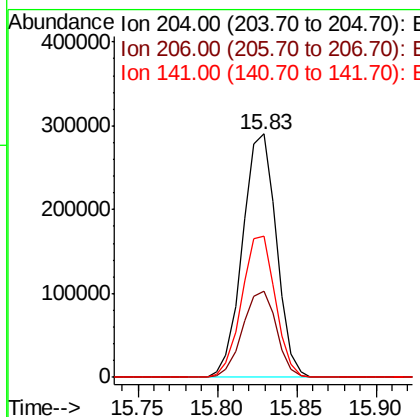
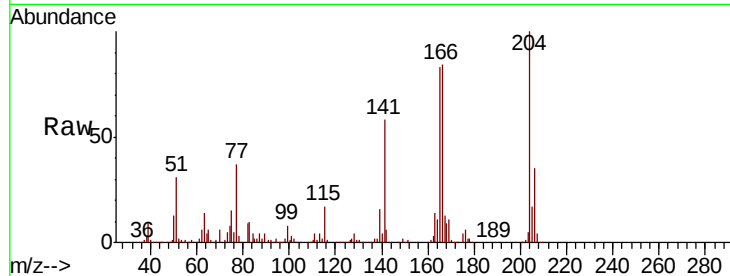




#61
 4-Chlorophenyl-phenylether
 Concen: 38.746 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. -0.02 min
 Lab File: BG039451.D
 Acq: 12 Feb 2019 2:02

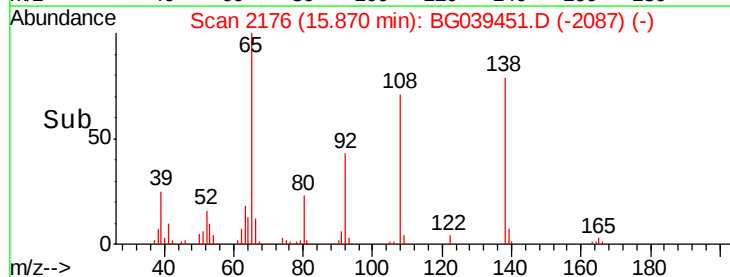
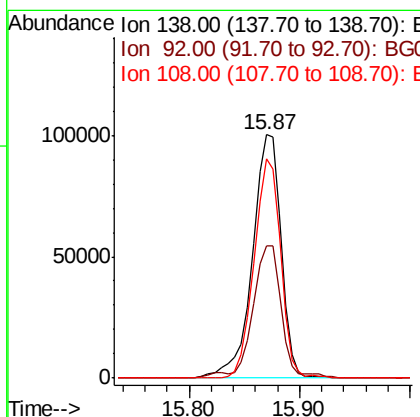
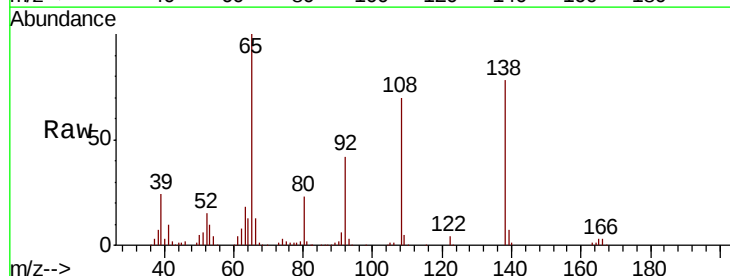
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

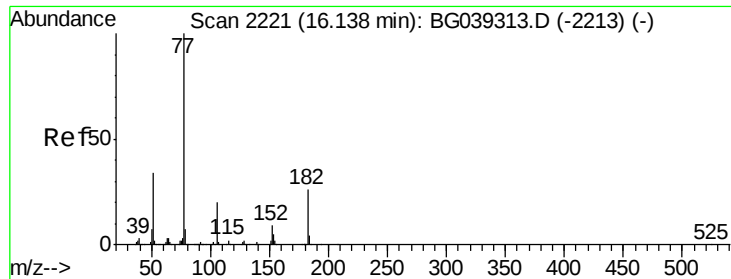
Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.4	29.2	43.8
141	58.2	49.0	73.4



#62
 4-Nitroaniline
 Concen: 41.095 ng
 RT: 15.87 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: BG039451.D
 Acq: 12 Feb 2019 2:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.1	38.7	78.7
108	90.3	74.6	114.6

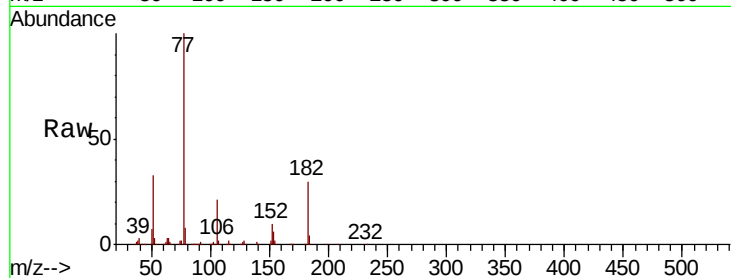




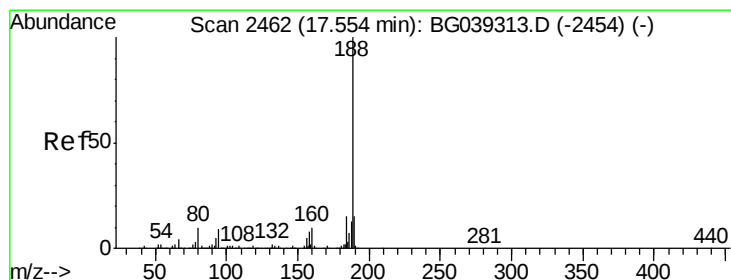
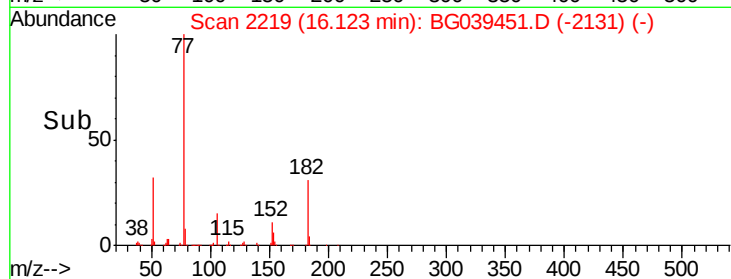
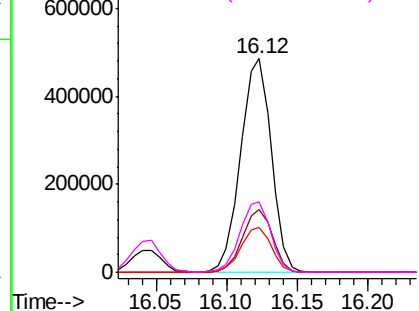
#63
Azobenzene
Concen: 33.689 ng
RT: 16.12 min Scan# 2219
Delta R.T. -0.02 min
Lab File: BG039451.D
Acq: 12 Feb 2019 2:02

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:	77	Resp:	734836
Ion	Ratio	Lower	Upper
77	100		
182	29.6	6.4	46.4
105	20.9	0.0	39.8
51	33.1	14.1	54.1

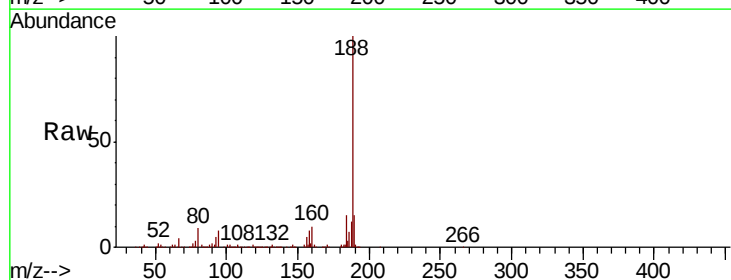


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

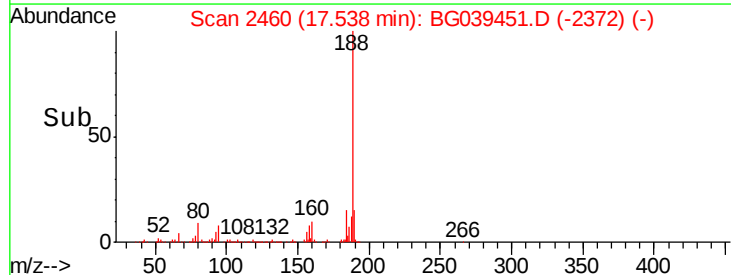
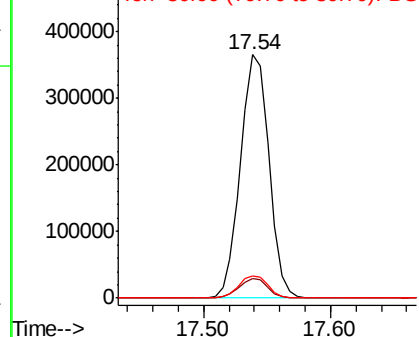


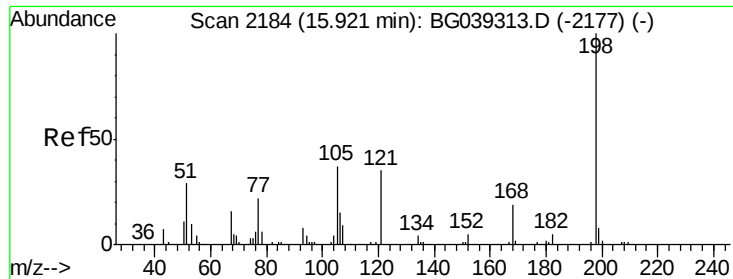
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.02 min
Lab File: BG039451.D
Acq: 12 Feb 2019 2:02

Tgt Ion:	188	Resp:	568133
Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.9	10.3
80	9.2	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: 50.556 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039451.D

Acq: 12 Feb 2019 2:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

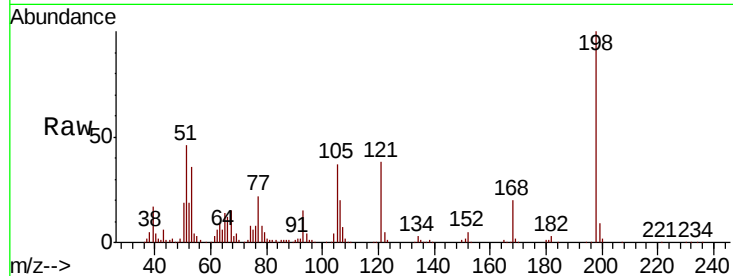
Tgt Ion:198 Resp: 115601

Ion Ratio Lower Upper

198 100

51 46.1 27.4 67.4

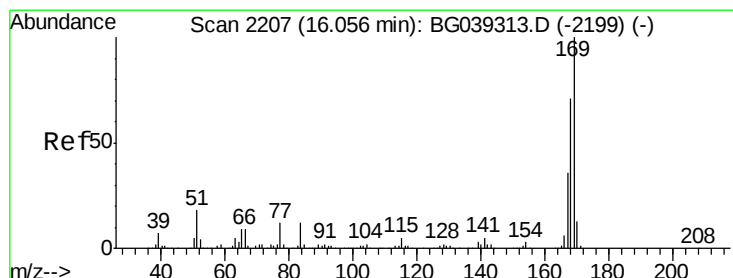
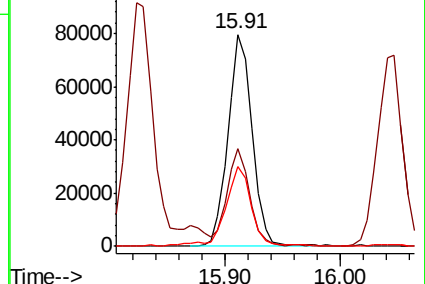
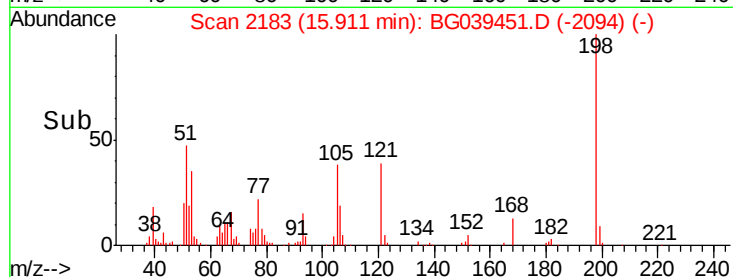
105 37.3 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039313.D (-2177) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.451 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BG039451.D

Acq: 12 Feb 2019 2:02

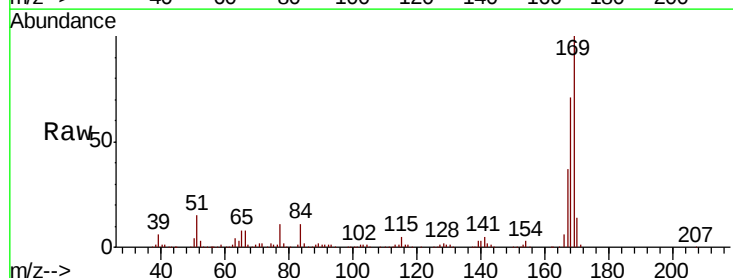
Tgt Ion:169 Resp: 698793

Ion Ratio Lower Upper

169 100

168 70.6 56.6 85.0

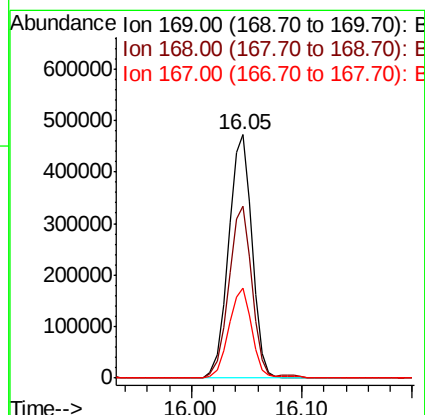
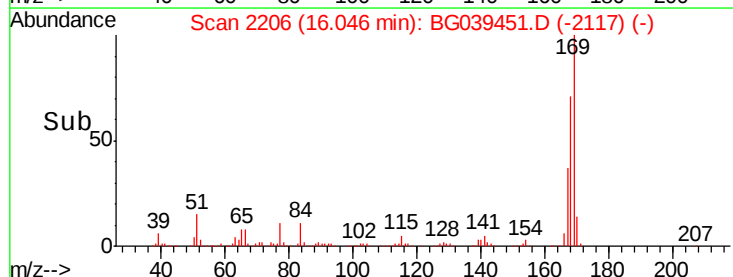
167 37.1 28.8 43.2

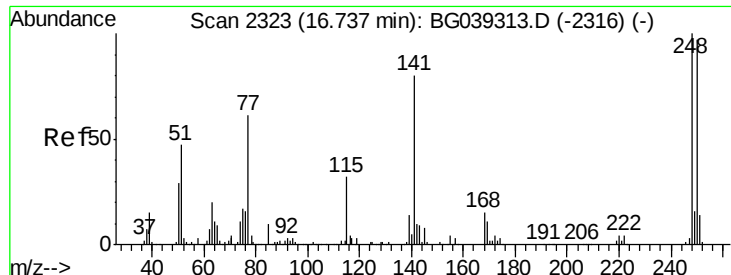


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

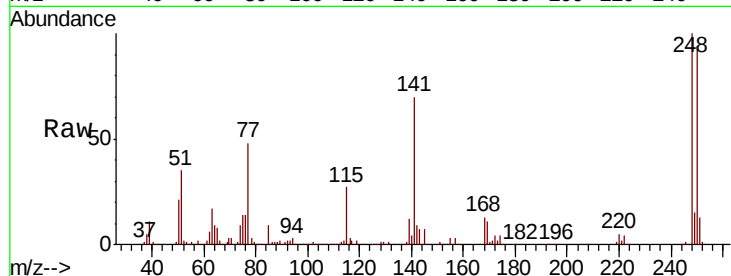




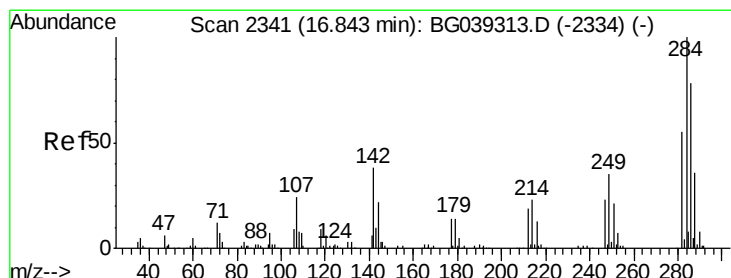
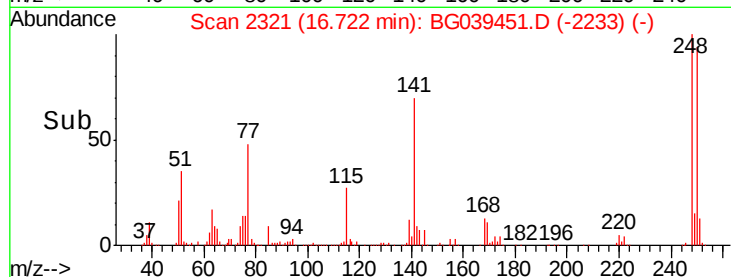
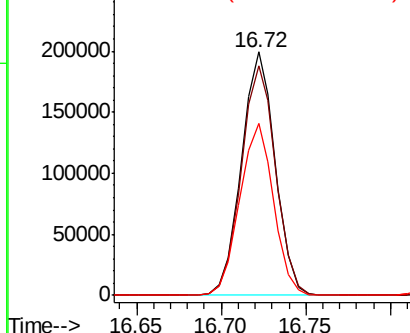
#67
4-Bromophenyl-phenylether
Concen: 43.802 ng
RT: 16.72 min Scan# 2321
Delta R.T. -0.02 min
Lab File: BG039451.D
Acq: 12 Feb 2019 2:02

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 276076
Ion Ratio Lower Upper
248 100
250 94.3 77.6 116.4
141 70.4 63.9 95.9

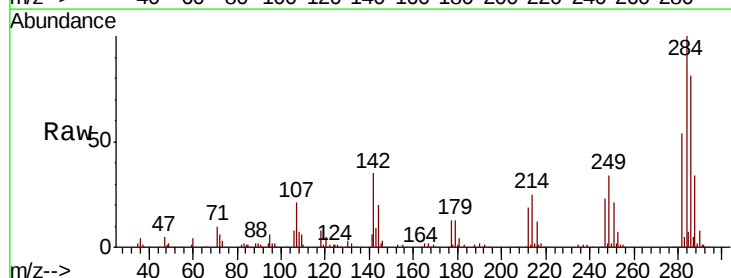


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

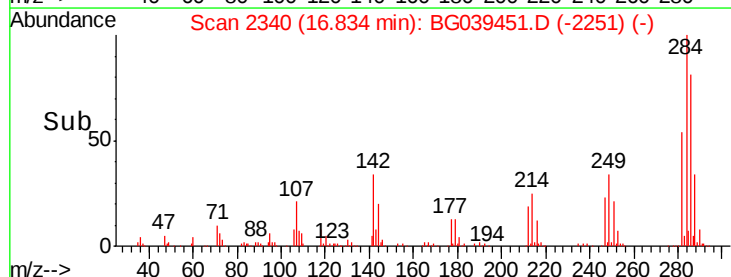
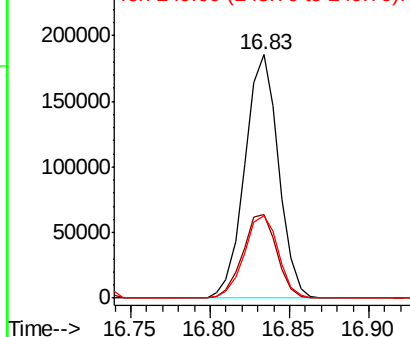


#68
Hexachlorobenzene
Concen: 43.096 ng
RT: 16.83 min Scan# 2340
Delta R.T. -0.01 min
Lab File: BG039451.D
Acq: 12 Feb 2019 2:02

Tgt Ion:284 Resp: 272520
Ion Ratio Lower Upper
284 100
142 34.6 30.6 45.8
249 34.1 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: 36.829 ng

RT: 16.98 min Scan# 2365

Delta R.T. -0.02 min

Lab File: BG039451.D

Acq: 12 Feb 2019 2:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

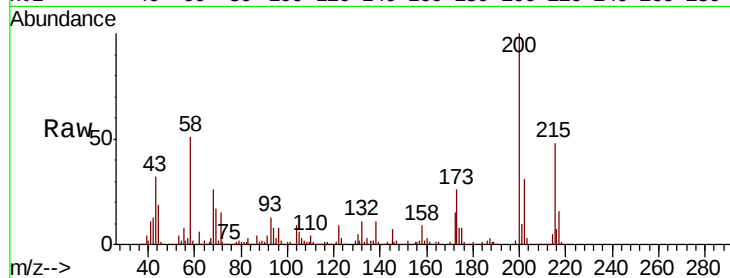
Tgt Ion:200 Resp: 232499

Ion Ratio Lower Upper

200 100

173 25.6 3.9 43.9

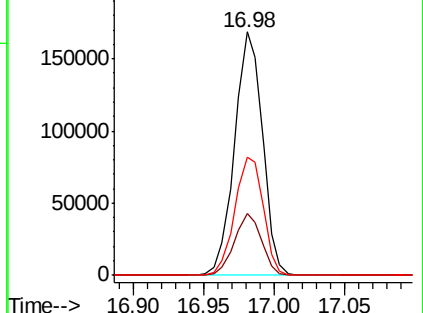
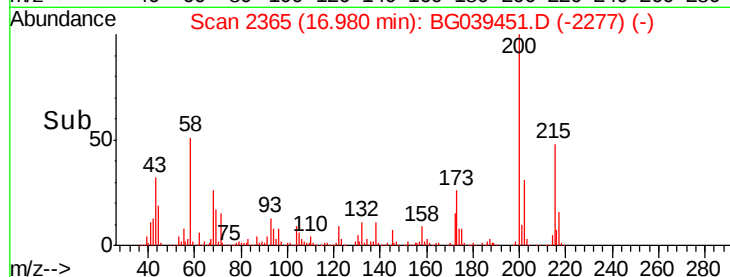
215 48.4 30.9 70.9



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: 42.798 ng

RT: 17.18 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG039451.D

Acq: 12 Feb 2019 2:02

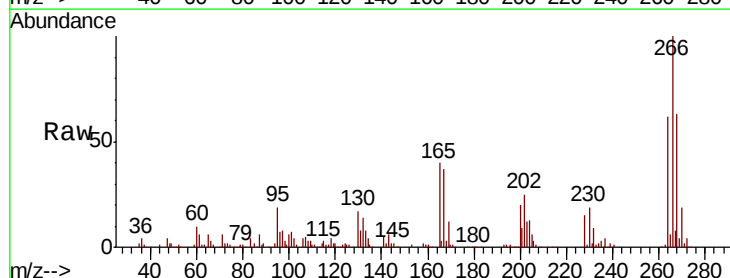
Tgt Ion:266 Resp: 188100

Ion Ratio Lower Upper

266 100

268 63.2 51.1 76.7

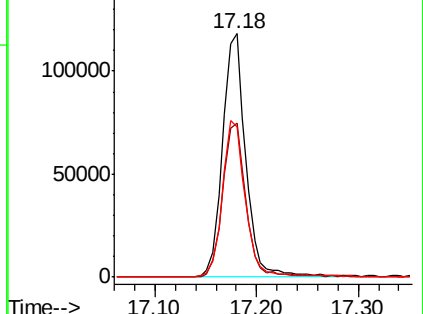
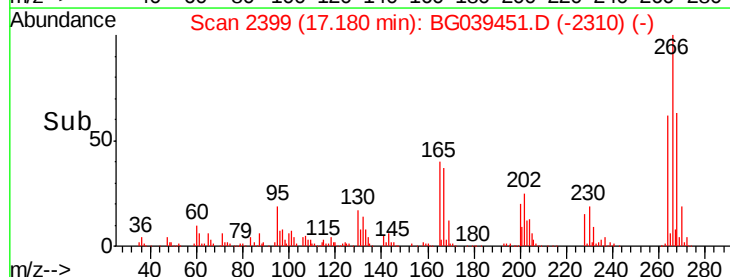
264 61.6 52.1 78.1

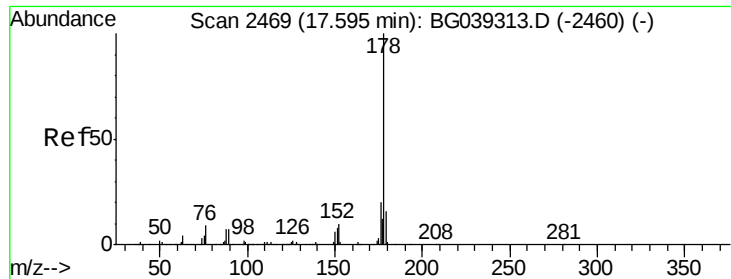


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

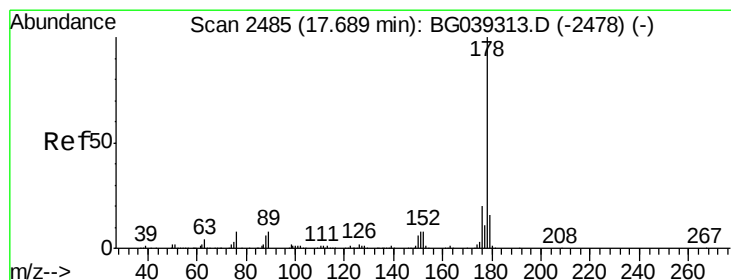
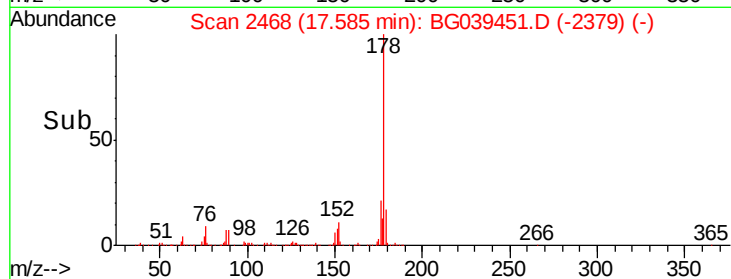
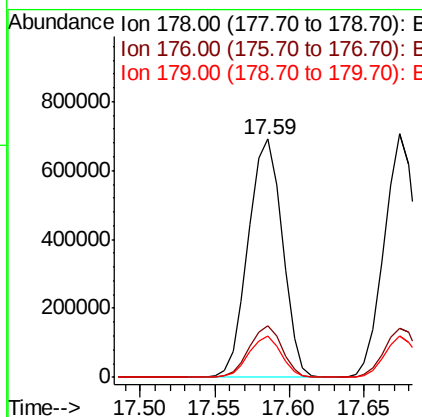
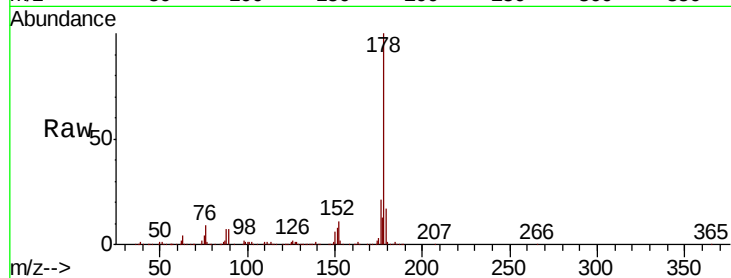




#71
Phenanthrene
Concen: 37.312 ng
RT: 17.59 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BG039451.D
Acq: 12 Feb 2019 2:02

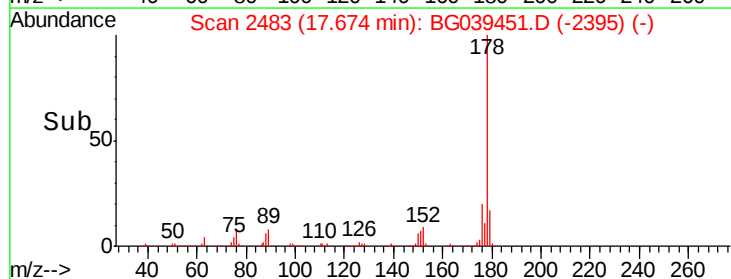
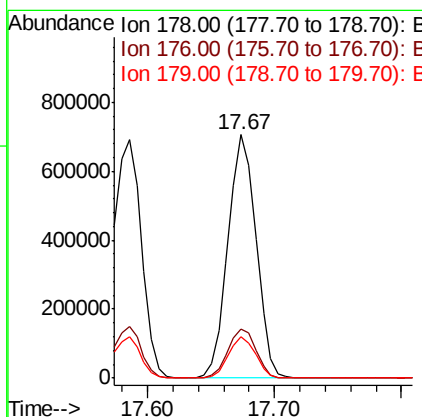
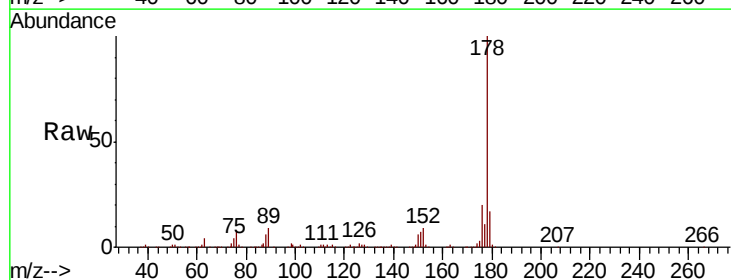
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

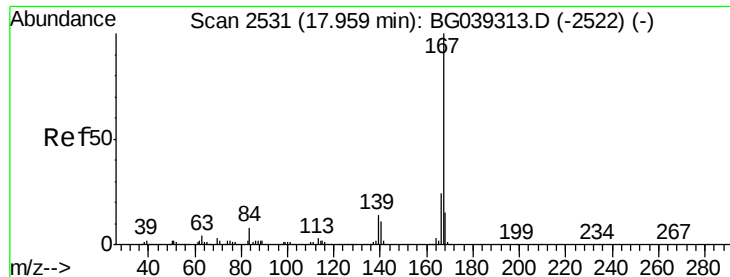
Tgt Ion:178 Resp: 1097143
Ion Ratio Lower Upper
178 100
176 21.5 16.2 24.4
179 17.2 12.6 19.0



#72
Anthracene
Concen: 37.327 ng
RT: 17.67 min Scan# 2483
Delta R.T. -0.02 min
Lab File: BG039451.D
Acq: 12 Feb 2019 2:02

Tgt Ion:178 Resp: 1081121
Ion Ratio Lower Upper
178 100
176 20.3 15.8 23.6
179 17.2 12.5 18.7

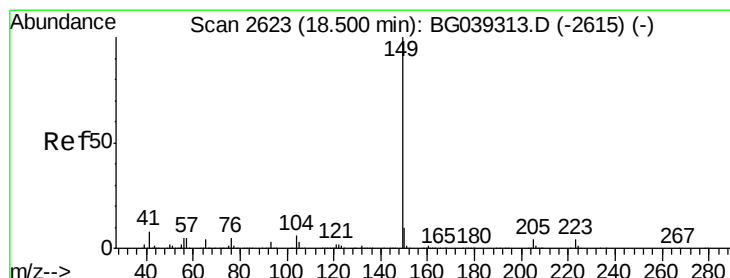
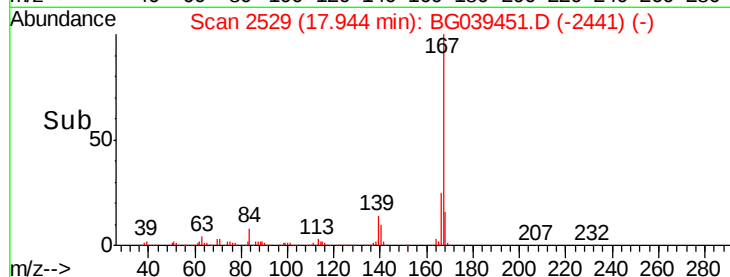
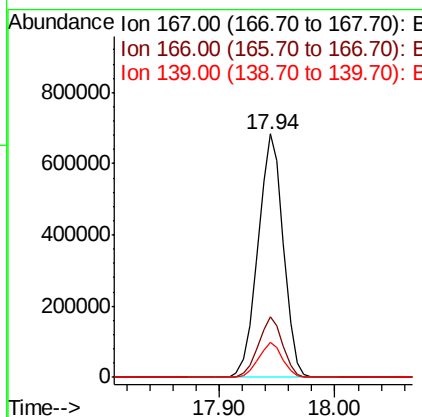
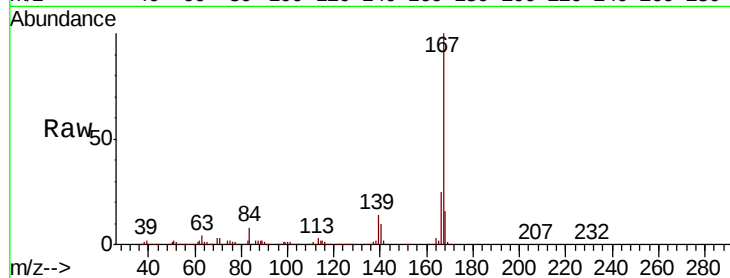




#73
 Carbazole
 Concen: 36.068 ng
 RT: 17.94 min Scan# 2529
 Delta R.T. -0.02 min
 Lab File: BG039451.D
 Acq: 12 Feb 2019 2:02

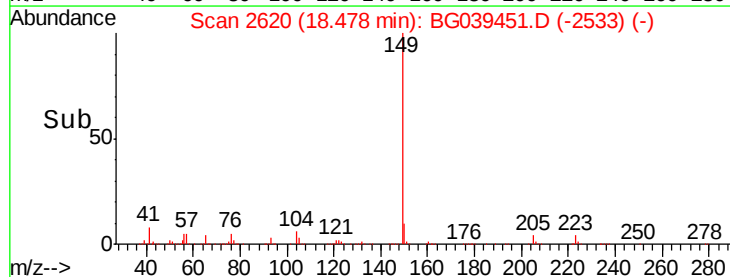
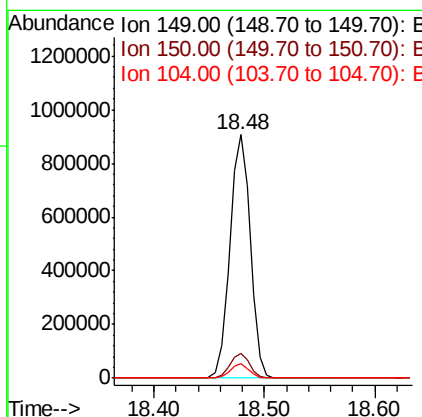
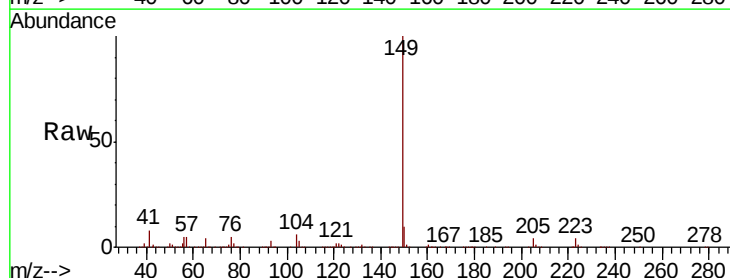
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:167 Resp: 1042557
 Ion Ratio Lower Upper
 167 100
 166 24.9 19.4 29.2
 139 14.4 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 34.835 ng
 RT: 18.48 min Scan# 2620
 Delta R.T. -0.02 min
 Lab File: BG039451.D
 Acq: 12 Feb 2019 2:02

Tgt Ion:149 Resp: 1174709
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.7 11.5
 104 5.8 4.5 6.7





#75

Fluoranthene

Concen: 36.178 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.02 min

Lab File: BG039451.D

Acq: 12 Feb 2019 2:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

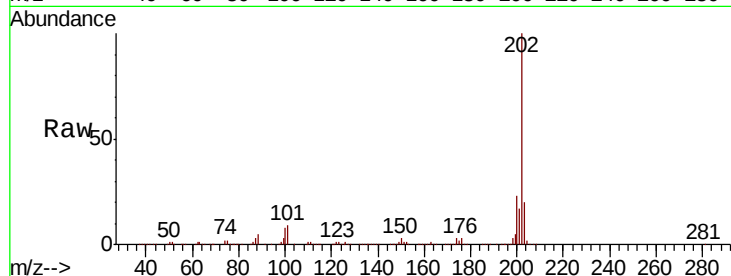
Tgt Ion:202 Resp: 1234754

Ion Ratio Lower Upper

202 100

101 9.4 0.0 30.0

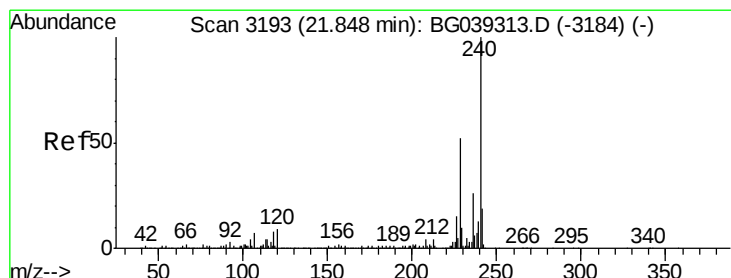
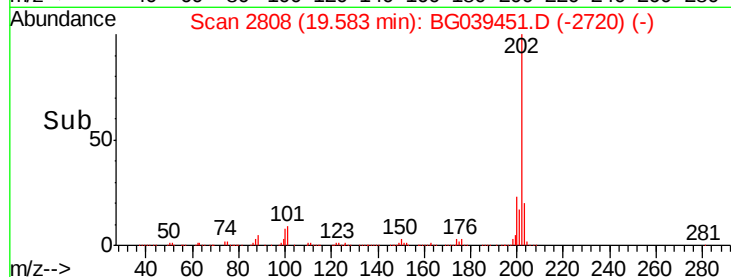
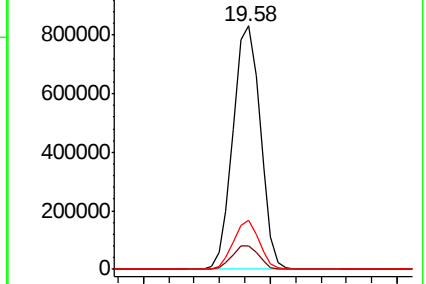
203 19.9 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3191

Delta R.T. -0.02 min

Lab File: BG039451.D

Acq: 12 Feb 2019 2:02

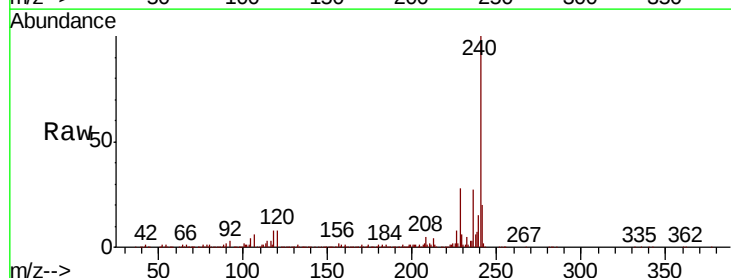
Tgt Ion:240 Resp: 546555

Ion Ratio Lower Upper

240 100

120 8.4 7.0 10.6

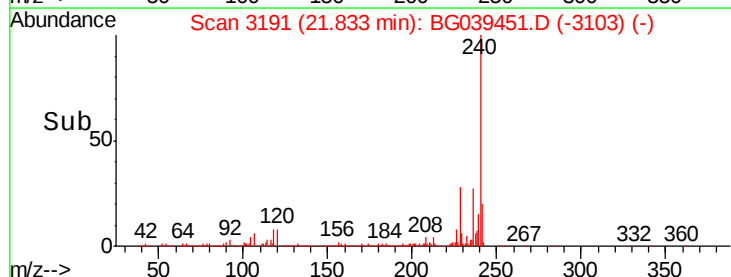
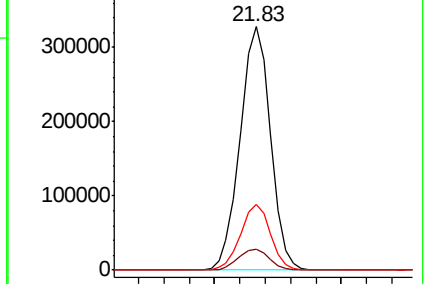
236 26.9 21.0 31.4

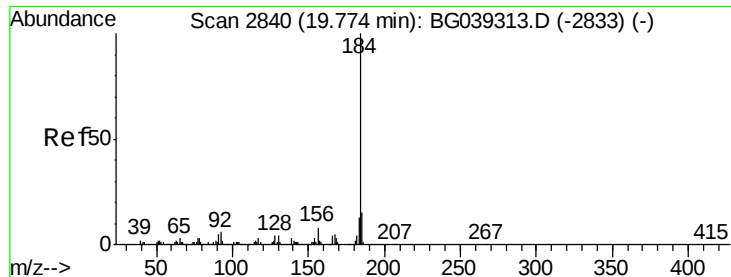


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.226 ng

RT: 19.76 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BG039451.D

Acq: 12 Feb 2019 2:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

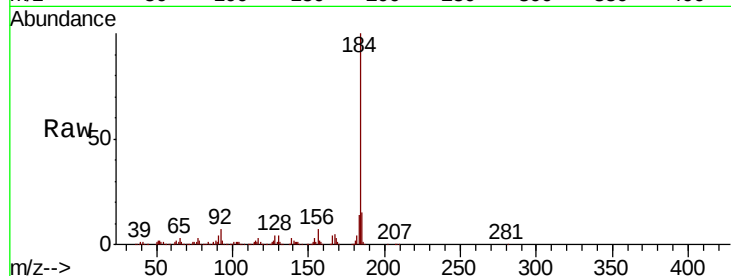
Tgt Ion:184 Resp: 702888

Ion Ratio Lower Upper

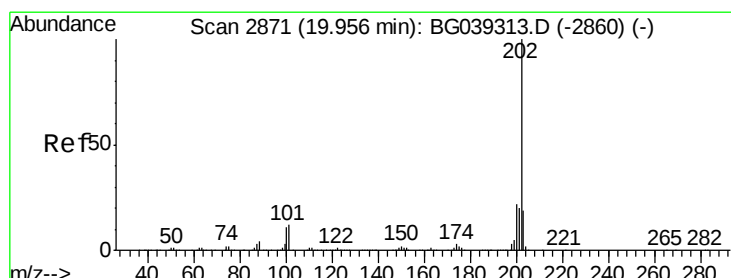
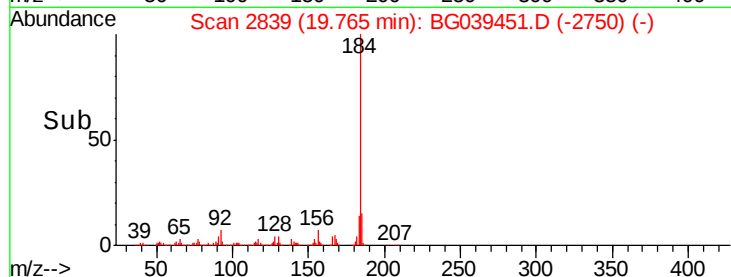
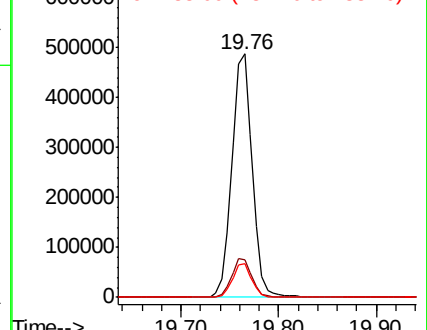
184 100

185 15.2 12.2 18.2

183 14.0 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: 36.766 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG039451.D

Acq: 12 Feb 2019 2:02

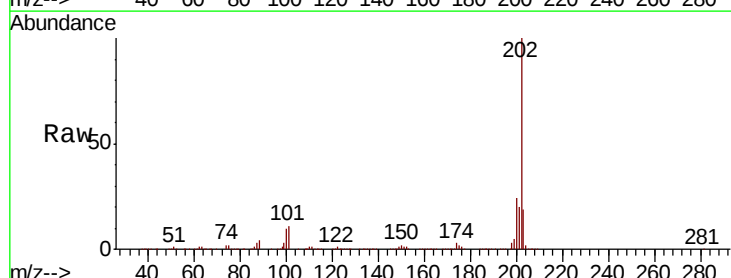
Tgt Ion:202 Resp: 1250937

Ion Ratio Lower Upper

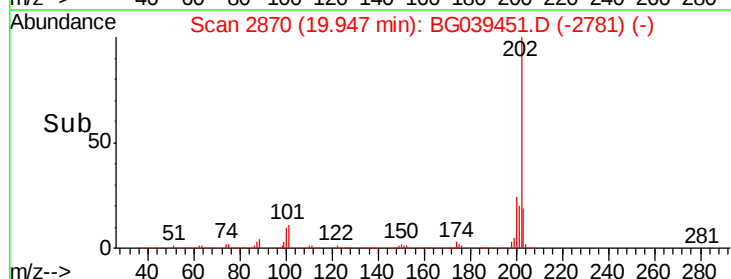
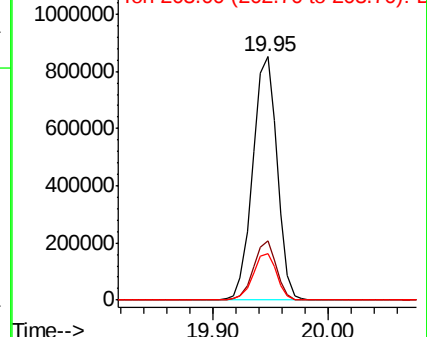
202 100

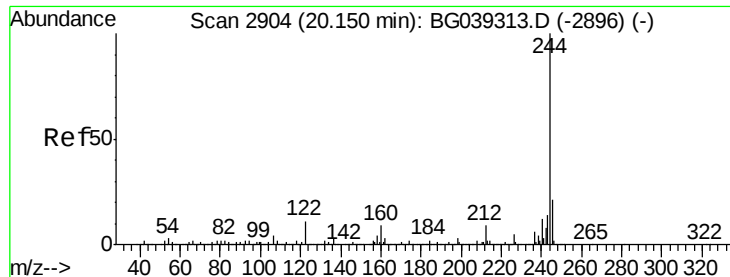
200 24.2 17.8 26.8

203 19.0 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: 69.836 ng

RT: 20.13 min Scan# 2902

Delta R.T. -0.02 min

Lab File: BG039451.D

Acq: 12 Feb 2019 2:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

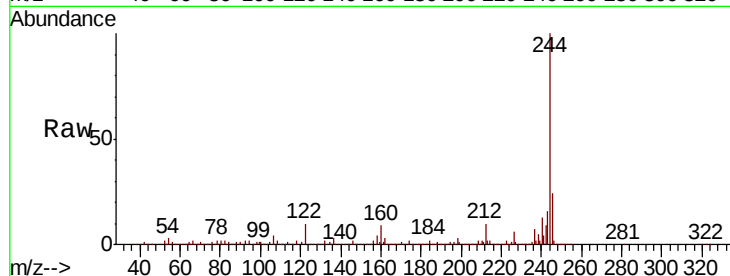
Tgt Ion:244 Resp: 1803258

Ion Ratio Lower Upper

244 100

212 10.3 7.3 10.9

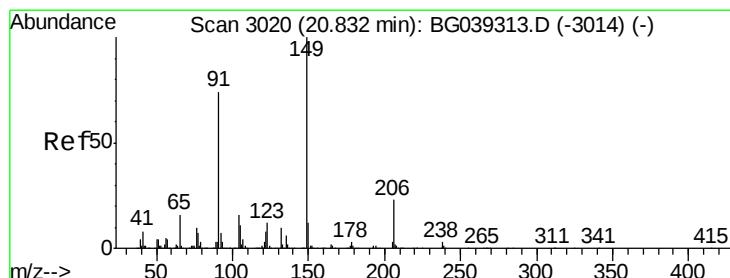
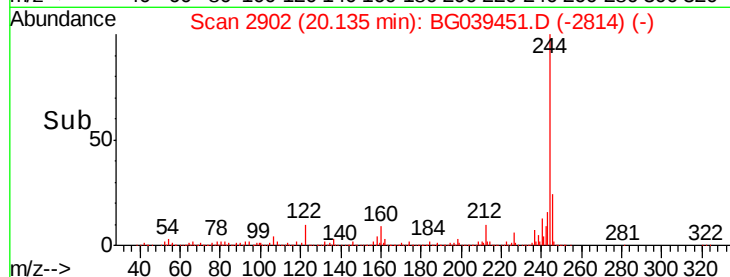
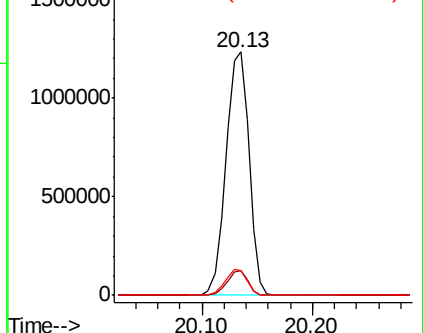
122 10.1 8.4 12.6



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: 39.478 ng

RT: 20.81 min Scan# 3017

Delta R.T. -0.02 min

Lab File: BG039451.D

Acq: 12 Feb 2019 2:02

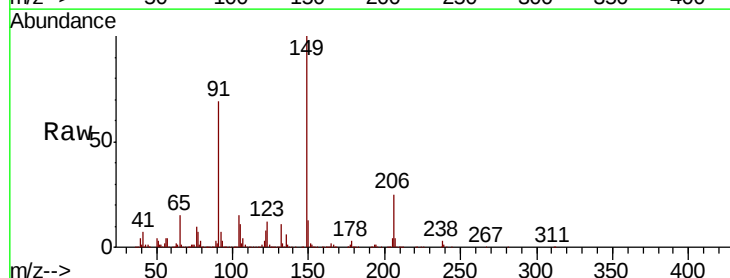
Tgt Ion:149 Resp: 566619

Ion Ratio Lower Upper

149 100

91 69.1 59.5 89.3

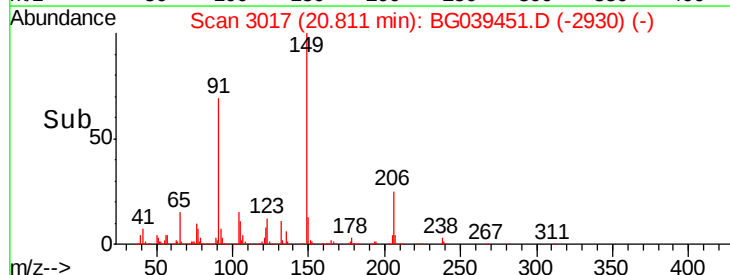
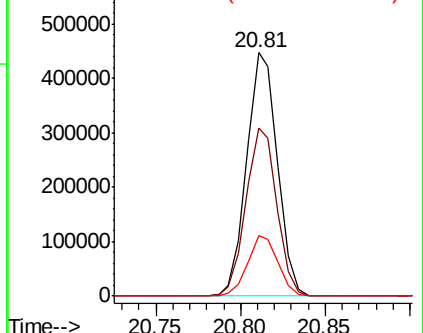
206 24.7 18.6 27.8

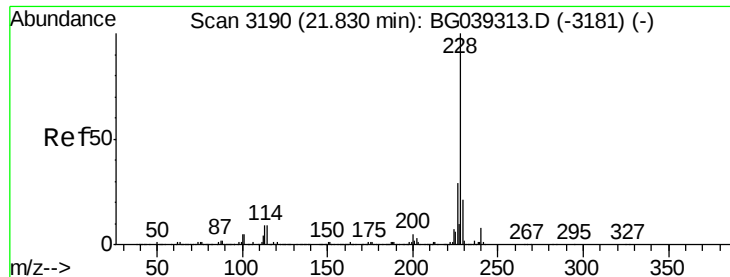


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.433 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039451.D

Acq: 12 Feb 2019 2:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

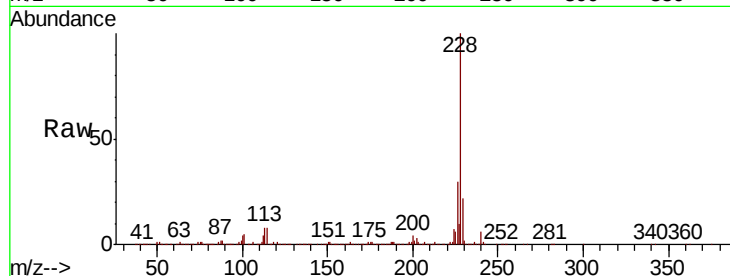
Tgt Ion:228 Resp: 1241207

Ion Ratio Lower Upper

228 100

226 29.8 23.0 34.6

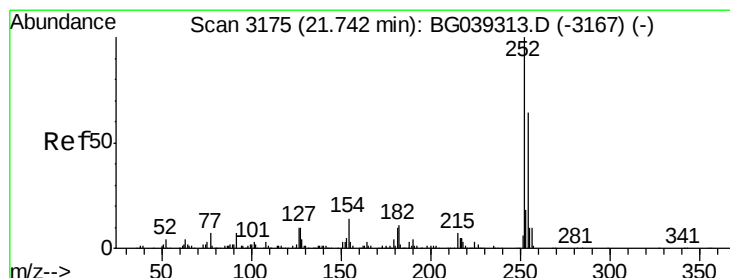
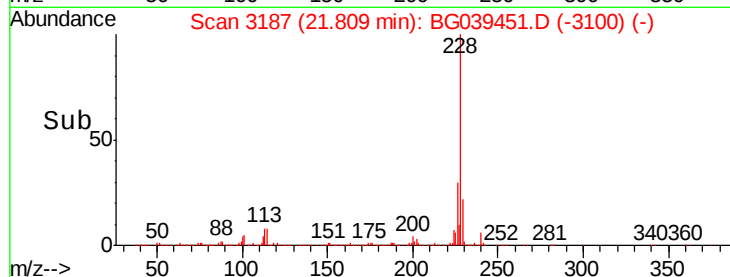
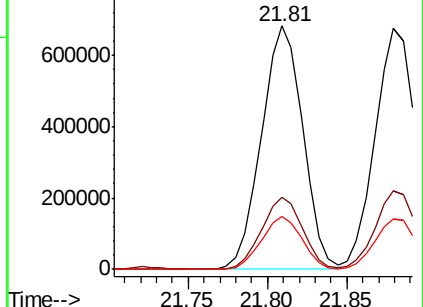
229 21.6 16.9 25.3



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: 40.985 ng

RT: 21.72 min Scan# 3172

Delta R.T. -0.02 min

Lab File: BG039451.D

Acq: 12 Feb 2019 2:02

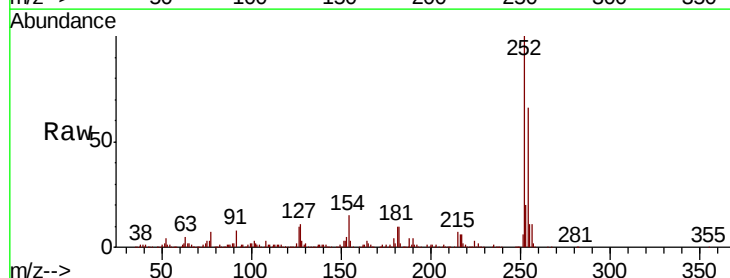
Tgt Ion:252 Resp: 490800

Ion Ratio Lower Upper

252 100

254 66.1 51.3 76.9

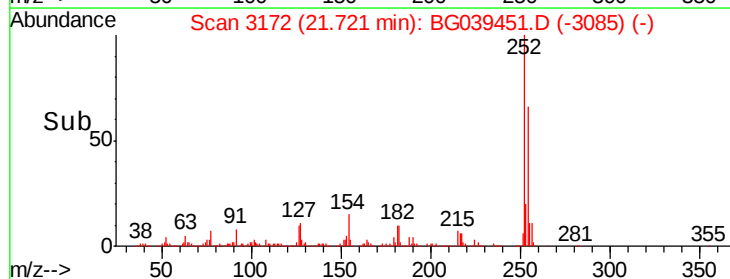
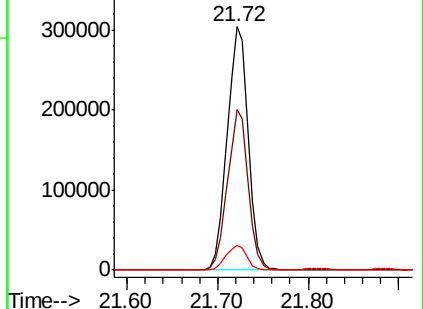
126 10.3 8.0 12.0



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: 38.752 ng

RT: 21.88 min Scan# 3199

Delta R.T. -0.02 min

Lab File: BG039451.D

Acq: 12 Feb 2019 2:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

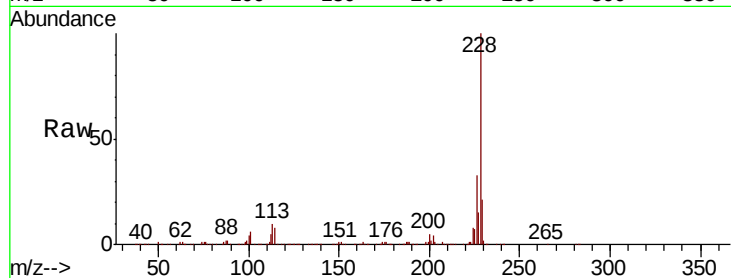
Tgt Ion:228 Resp: 1191373

Ion Ratio Lower Upper

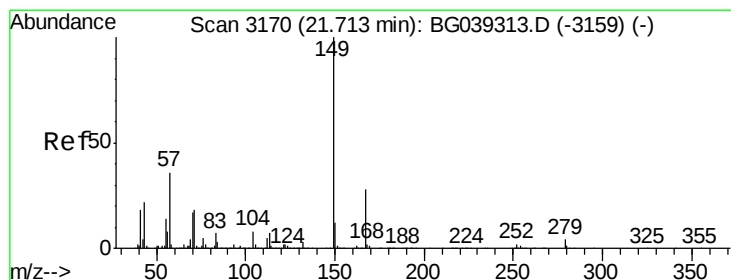
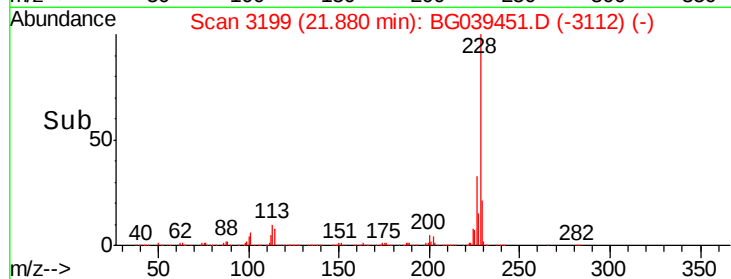
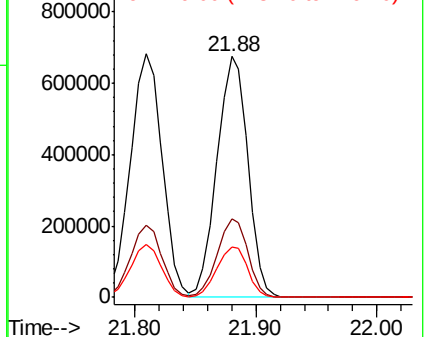
228 100

226 32.7 25.8 38.6

229 21.0 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: 38.850 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.03 min

Lab File: BG039451.D

Acq: 12 Feb 2019 2:02

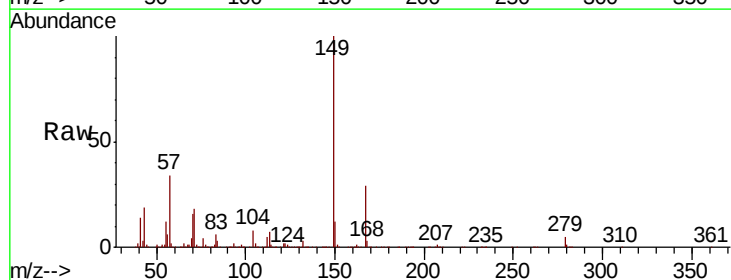
Tgt Ion:149 Resp: 795505

Ion Ratio Lower Upper

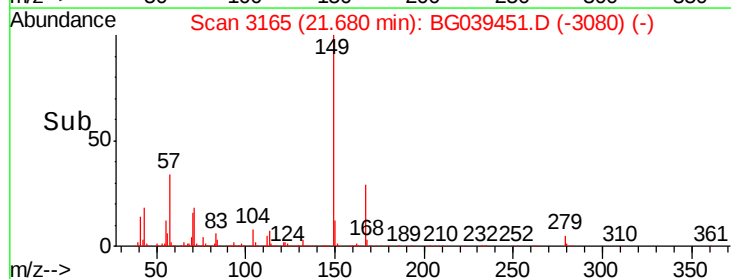
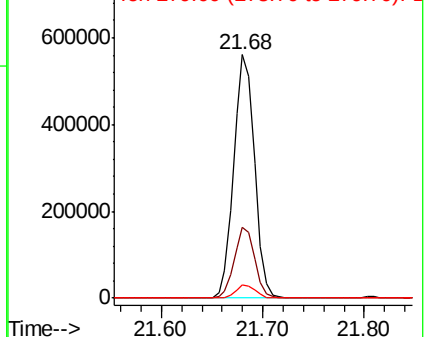
149 100

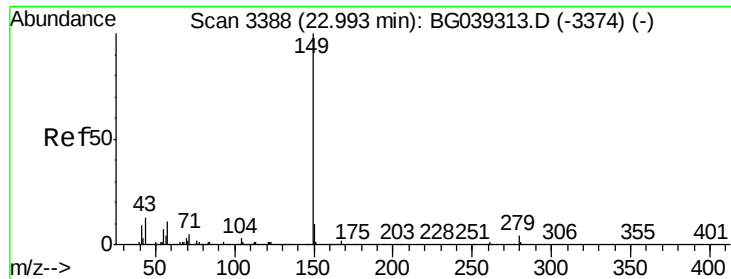
167 29.3 22.6 34.0

279 5.2 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

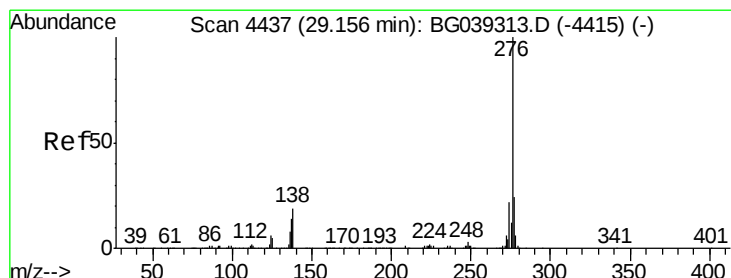
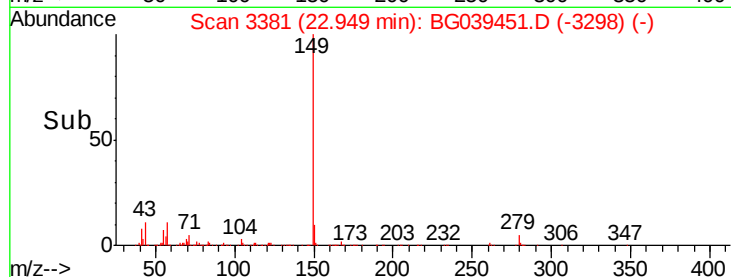
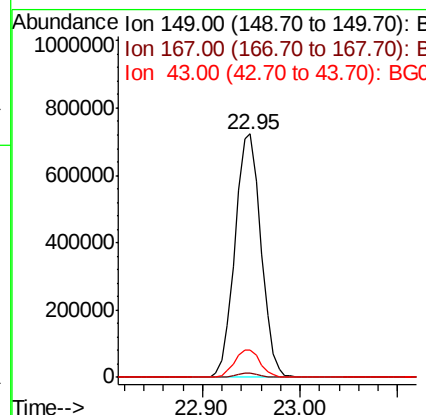
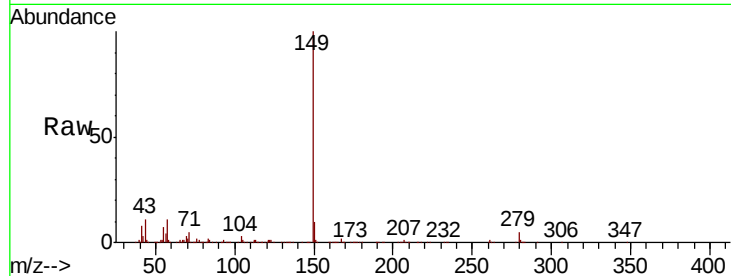




#85
 Di-n-octyl phthalate
 Concen: 39.375 ng
 RT: 22.95 min Scan# 3381
 Delta R.T. -0.04 min
 Lab File: BG039451.D
 Acq: 12 Feb 2019 2:02

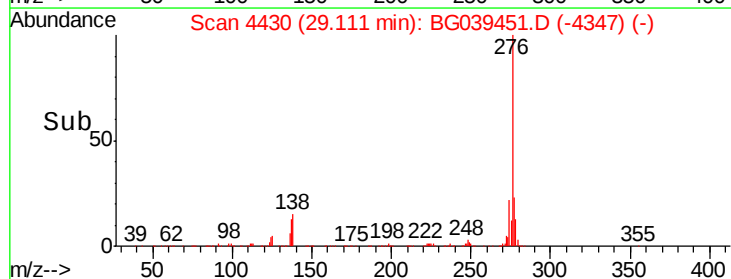
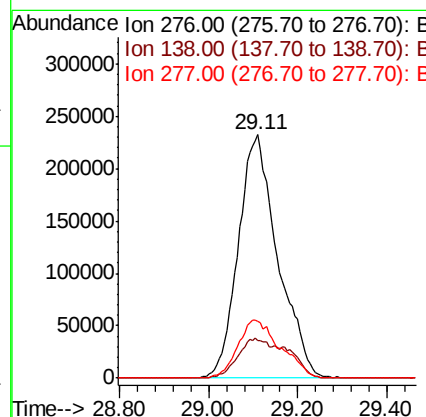
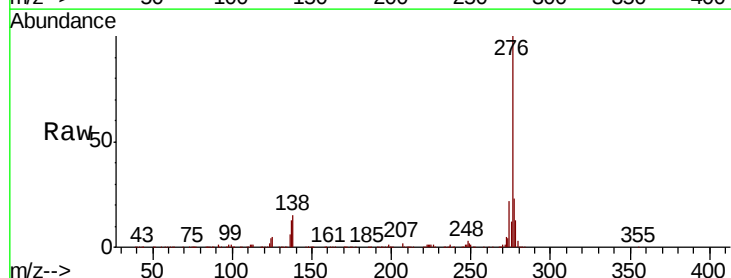
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:149 Resp: 1331995
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 11.4 10.2 15.4



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 43.241 ng
 RT: 29.11 min Scan# 4430
 Delta R.T. -0.04 min
 Lab File: BG039451.D
 Acq: 12 Feb 2019 2:02

Tgt Ion:276 Resp: 1426306
 Ion Ratio Lower Upper
 276 100
 138 14.9 12.6 19.0
 277 25.9 20.8 31.2





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.21 min Scan# 3766

Delta R.T. -0.03 min

Lab File: BG039451.D

Acq: 12 Feb 2019 2:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

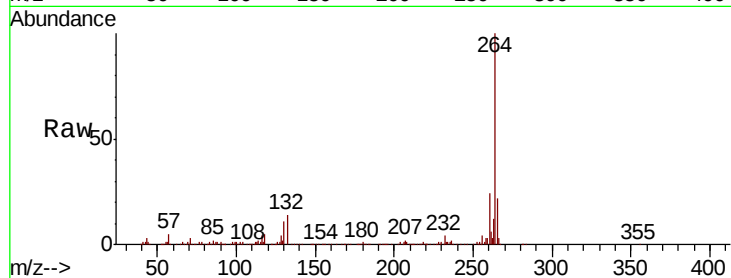
Tgt Ion:264 Resp: 580821

Ion Ratio Lower Upper

264 100

260 24.5 18.2 27.4

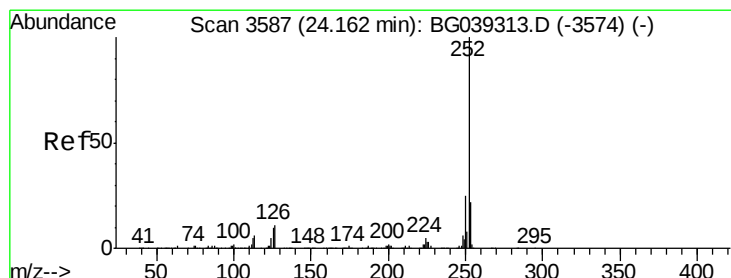
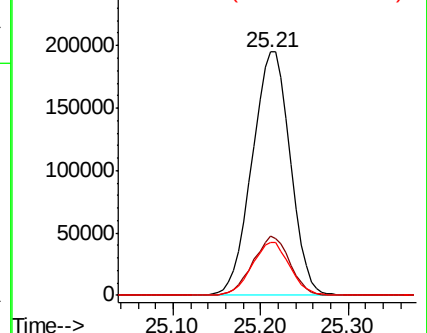
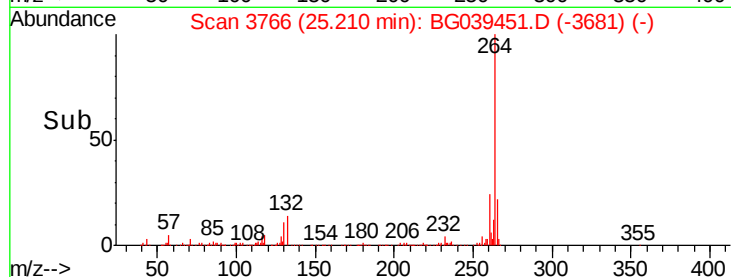
265 21.8 18.5 27.7



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: 39.354 ng

RT: 24.13 min Scan# 3582

Delta R.T. -0.03 min

Lab File: BG039451.D

Acq: 12 Feb 2019 2:02

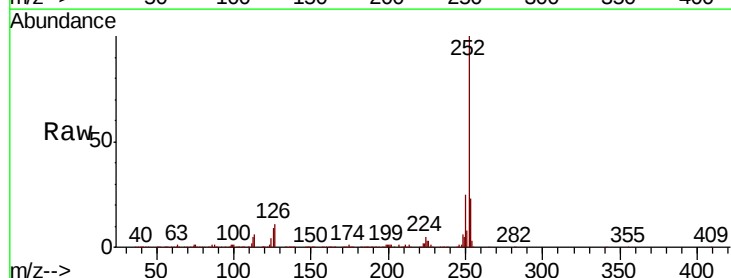
Tgt Ion:252 Resp: 1246567

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.8

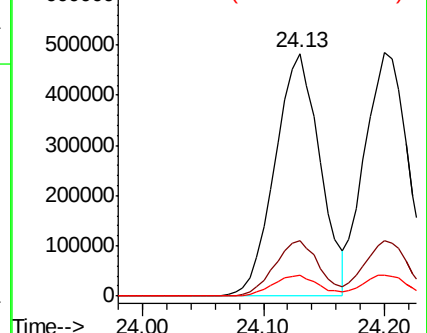
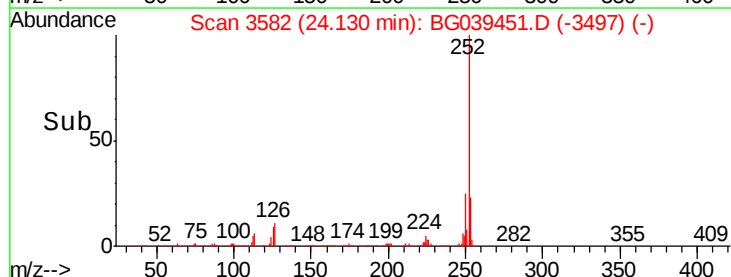
125 8.7 7.8 11.6



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: 37.975 ng

RT: 24.20 min Scan# 3594

Delta R.T. -0.03 min

Lab File: BG039451.D

Acq: 12 Feb 2019 2:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

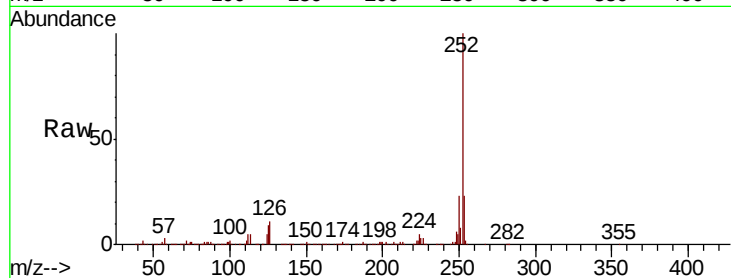
Tgt Ion:252 Resp: 1207667

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.2

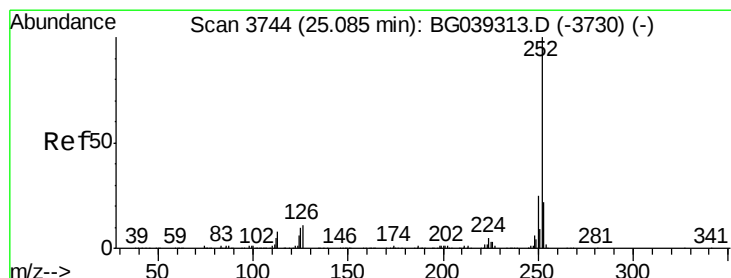
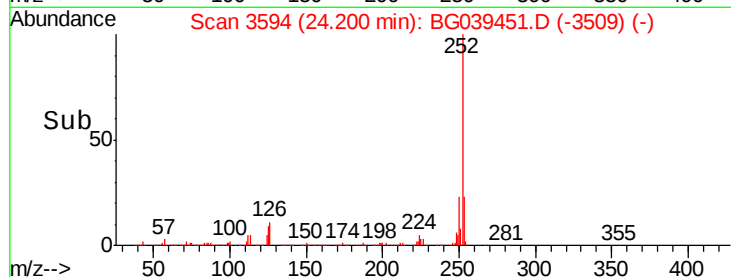
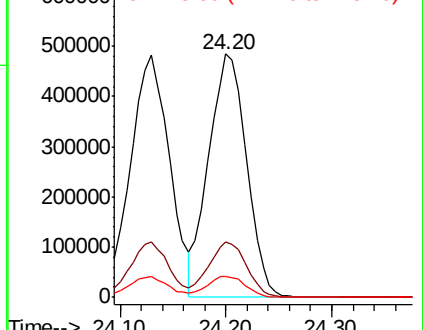
125 8.7 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.373 ng

RT: 25.05 min Scan# 3739

Delta R.T. -0.03 min

Lab File: BG039451.D

Acq: 12 Feb 2019 2:02

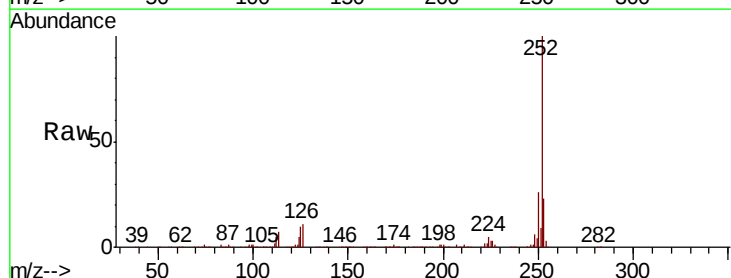
Tgt Ion:252 Resp: 1201092

Ion Ratio Lower Upper

252 100

253 22.8 17.9 26.9

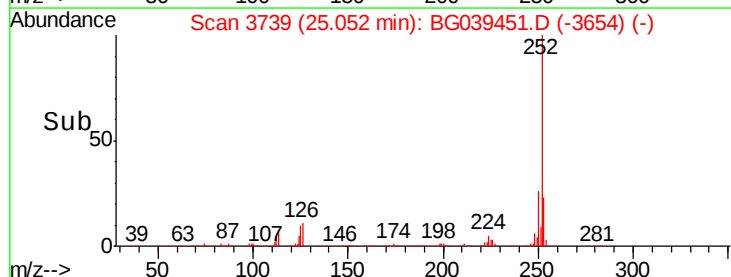
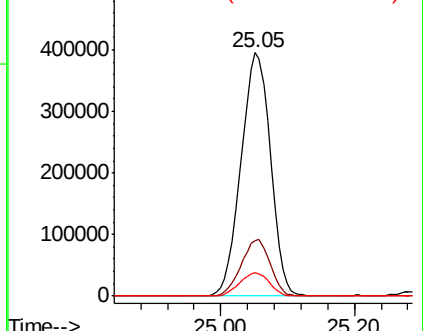
125 9.5 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 40.556 ng

RT: 29.18 min Scan# 4442

Delta R.T. -0.06 min

Lab File: BG039451.D

Acq: 12 Feb 2019 2:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

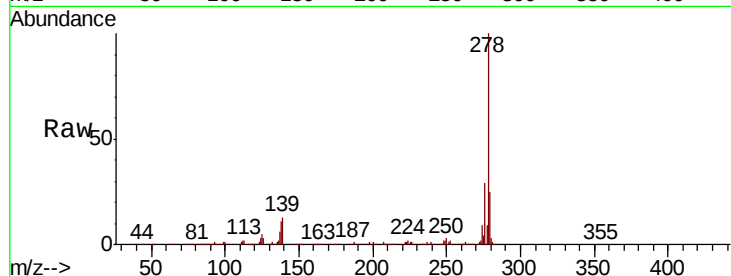
Tgt Ion:278 Resp: 1158627

Ion Ratio Lower Upper

278 100

139 13.1 11.7 17.5

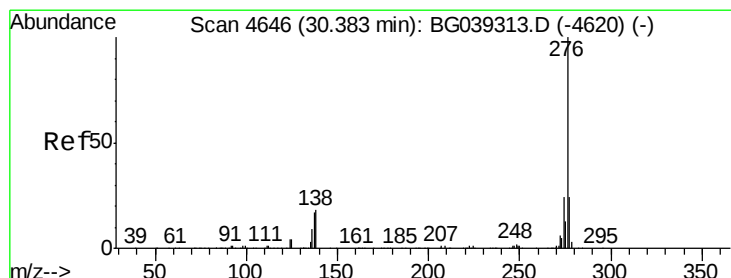
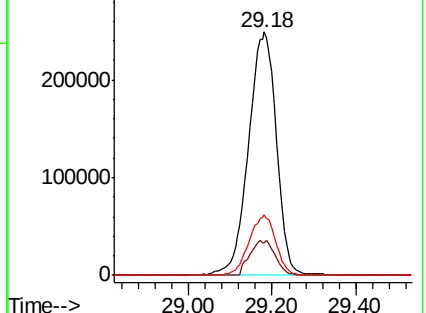
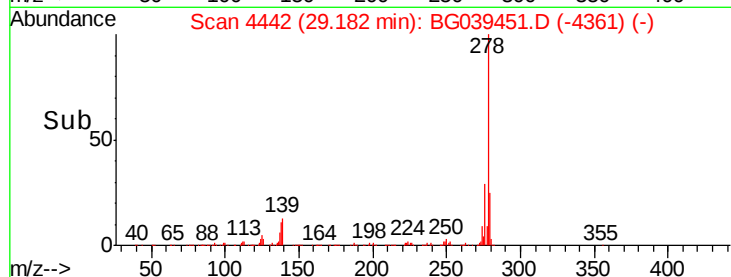
279 25.1 19.1 28.7



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: 41.316 ng

RT: 30.34 min Scan# 4639

Delta R.T. -0.04 min

Lab File: BG039451.D

Acq: 12 Feb 2019 2:02

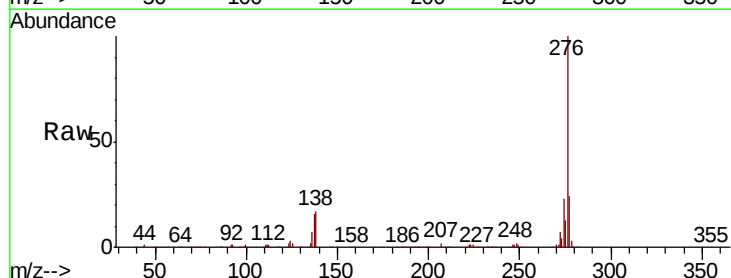
Tgt Ion:276 Resp: 1176465

Ion Ratio Lower Upper

276 100

277 24.2 19.6 29.4

138 17.2 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

