

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
 Data File : BG039431.D
 Acq On : 11 Feb 2019 12:58
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 12 00:12:47 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	61776	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	287224	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	198746	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	480211	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	462726	20.00	ng	-0.01
87) Perylene-d12	25.21	264	481197	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	290580	80.51	ng	0.00
7) Phenol-d6	7.31	99	445993	83.94	ng	0.00
23) Nitrobenzene-d5	9.35	82	425191	92.48	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	192527	89.96	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	1039079	75.00	ng	-0.01
79) Terphenyl-d14	20.14	244	1597333	73.07	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	59665	37.790	ng	95
3) Pyridine	4.01	79	181631	43.450	ng	93
4) n-Nitrosodimethylamine	3.93	42	77034	36.848	ng	90
6) Aniline	7.50	93	273936	41.163	ng	99
8) 2-Chlorophenol	7.73	128	165707	41.999	ng	98
9) Benzaldehyde	7.31	77	112018	43.175	ng	95
10) Phenol	7.34	94	230248	41.573	ng	98
11) bis(2-Chloroethyl)ether	7.59	93	177376	40.530	ng	97
12) 1,3-Dichlorobenzene	8.06	146	191903	40.150	ng	98
13) 1,4-Dichlorobenzene	8.21	146	194676	40.864	ng	97
14) 1,2-Dichlorobenzene	8.53	146	188885	40.956	ng	99
15) Benzyl Alcohol	8.41	79	177308	42.508	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.69	45	352482	35.666	ng	99
17) 2-Methylphenol	8.60	107	150616	42.024	ng	97
18) Hexachloroethane	9.26	117	67735	41.327	ng	96
19) n-Nitroso-di-n-propylamine	8.97	70	154289	40.915	ng	96
20) 3+4-Methylphenols	8.93	107	213688	43.297	ng	98
22) Acetophenone	9.00	105	301452	39.072	ng	# 94
24) Nitrobenzene	9.39	77	216980	43.684	ng	95
25) Isophorone	9.91	82	397938	39.058	ng	98
26) 2-Nitrophenol	10.10	139	101860	51.252	ng	95
27) 2,4-Dimethylphenol	10.14	122	165183	40.079	ng	97
28) bis(2-Chloroethoxy)methane	10.39	93	247568	39.450	ng	97
29) 2,4-Dichlorophenol	10.63	162	191200	42.447	ng	96
30) 1,2,4-Trichlorobenzene	10.85	180	205734	40.682	ng	99
31) Naphthalene	11.05	128	548062	38.463	ng	99
32) Benzoic acid	10.27	122	117345	44.329	ng	92
33) 4-Chloroaniline	11.15	127	267185	40.441	ng	98
34) Hexachlorobutadiene	11.31	225	138804	41.272	ng	96
35) Caprolactam	11.95	113	83873	44.997	ng	# 90
36) 4-Chloro-3-methylphenol	12.25	107	217422	41.736	ng	97
37) 2-Methylnaphthalene	12.63	142	409779	38.828	ng	98
38) 1-Methylnaphthalene	12.85	142	399085	39.229	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	251461	39.766	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	149914	43.507	ng	96
43) 2,4,6-Trichlorophenol	13.23	196	169163	43.509	ng	99
44) 2,4,5-Trichlorophenol	13.30	196	176045	43.201	ng	99
46) 1,1'-Biphenyl	13.63	154	618561	37.407	ng	99
47) 2-Chloronaphthalene	13.68	162	483393	38.859	ng	99
48) 2-Nitroaniline	13.89	65	165243	46.545	ng	96
49) Acenaphthylene	14.53	152	716254	38.158	ng	99
50) Dimethylphthalate	14.24	163	634126	39.506	ng	99
51) 2,6-Dinitrotoluene	14.37	165	139371	46.668	ng	97
52) Acenaphthene	14.86	154	458227	37.608	ng	99
53) 3-Nitroaniline	14.71	138	148713	46.190	ng	# 93
54) 2,4-Dinitrophenol	14.91	184	84004	68.252	ng	91
55) Dibenzofuran	15.20	168	757752	38.788	ng	99
56) 4-Nitrophenol	14.99	139	122690	45.006	ng	94
57) 2,4-Dinitrotoluene	15.15	165	197600	50.864	ng	89
58) Fluorene	15.84	166	556561	38.217	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	172851	45.303	ng	97
60) Diethylphthalate	15.60	149	634881	38.255	ng	97
61) 4-Chlorophenyl-phenylether	15.83	204	333676	40.465	ng	96
62) 4-Nitroaniline	15.87	138	153585	45.836	ng	91
63) Azobenzene	16.12	77	585486	36.094	ng	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	108417	54.395	ng	96
66) n-Nitrosodiphenylamine	16.04	169	554910	38.003	ng	98
67) 4-Bromophenyl-phenylether	16.72	248	219443	41.191	ng	96
68) Hexachlorobenzene	16.83	284	222352	41.600	ng	95
69) Atrazine	16.98	200	197645	37.040	ng	96
70) Pentachlorophenol	17.17	266	159876	43.037	ng	98
71) Phenanthrene	17.59	178	931770	37.489	ng	98
72) Anthracene	17.67	178	925871	37.819	ng	97
73) Carbazole	17.94	167	906049	37.084	ng	99
74) Di-n-butylphthalate	18.48	149	1059327	37.165	ng	99
75) Fluoranthene	19.58	202	1082390	37.520	ng	99
77) Benzidine	19.77	184	585401	38.587	ng	99
78) Pyrene	19.95	202	1111954	38.602	ng	99
80) Butylbenzylphthalate	20.82	149	483444	39.785	ng	93
81) Benzo(a)anthracene	21.81	228	1045387	38.233	ng	100
82) 3,3'-Dichlorobenzidine	21.72	252	408626	40.305	ng	98
83) Chrysene	21.88	228	1006635	38.675	ng	100
84) Bis(2-ethylhexyl)phthalate	21.69	149	677575	39.086	ng	98
85) Di-n-octyl phthalate	22.95	149	1117106	39.005	ng	97
86) Indeno(1,2,3-cd)pyrene	29.11	276	1164069	41.684	ng	98
88) Benzo(b)fluoranthene	24.13	252	1018067	38.795	ng	98
89) Benzo(k)fluoranthene	24.21	252	1008724	38.286	ng	99
90) Benzo(a)pyrene	25.05	252	996262	39.419	ng	99
91) Dibenzo(a,h)anthracene	29.18	278	953289	40.277	ng	99
92) Benzo(g,h,i)perylene	30.33	276	964785	40.896	ng	99

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

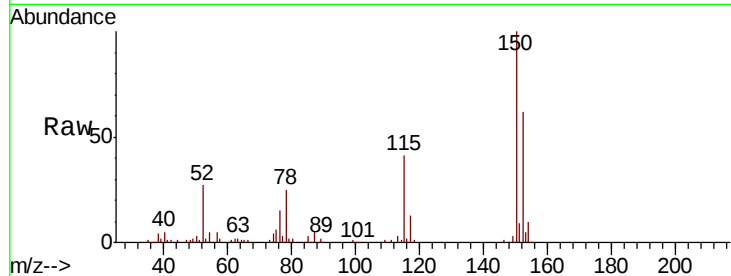


#1

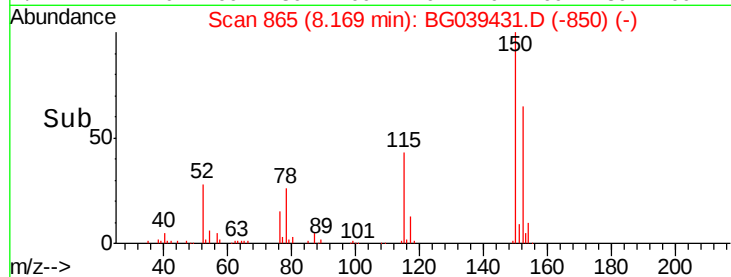
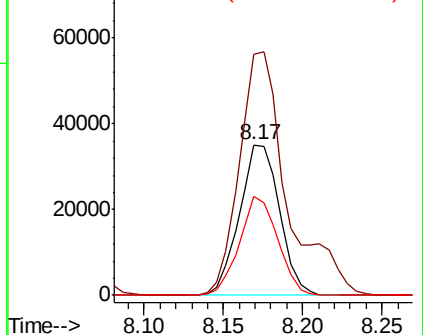
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039431.D
Acq: 11 Feb 2019 12:58

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ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	123.7	185.5
115	65.5	45.9	68.9



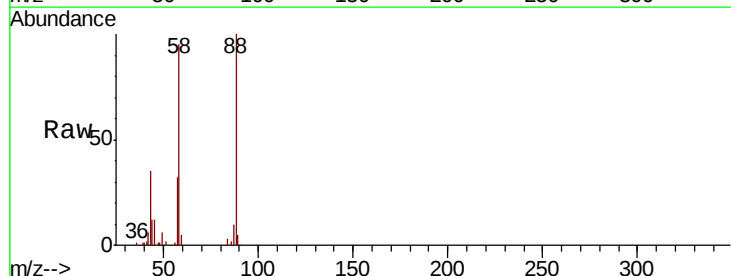
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



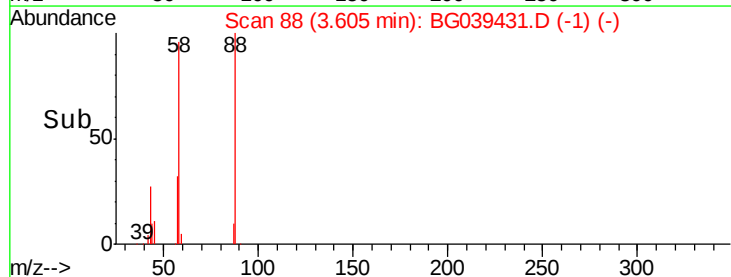
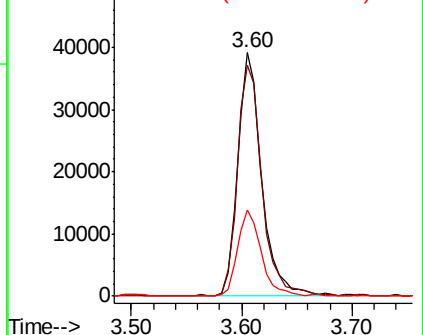
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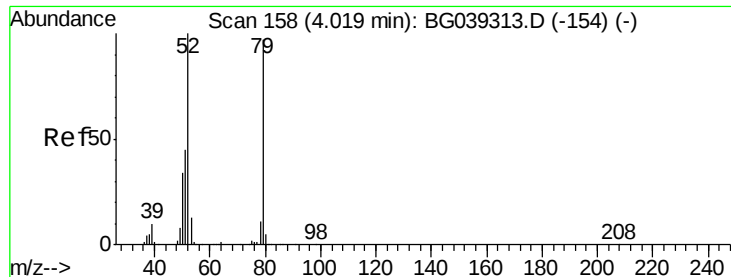
1,4-Dioxane
Concen: 37.790 ng
RT: 3.60 min Scan# 88
Delta R.T. -0.01 min
Lab File: BG039431.D
Acq: 11 Feb 2019 12:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.6	81.1	121.7
43	34.7	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

Pvridine

Concen: 43.450 ng

RT: 4.01 min Scan# 157

Delta R.T. -0.01 min

Lab File: BG039431.D

Acq: 11 Feb 2019 12:58

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

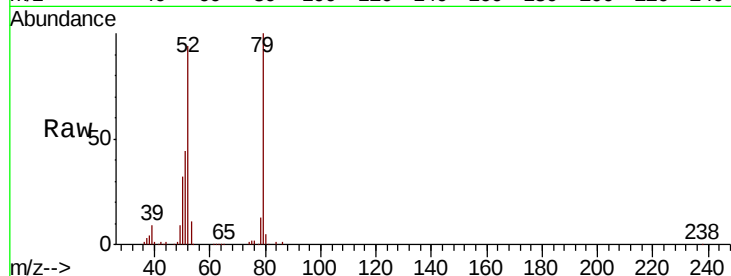
Tot Ion: 79 Resp: 181631

Ion Ratio Lower Upper

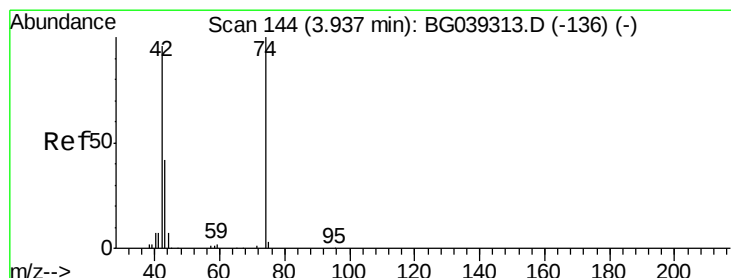
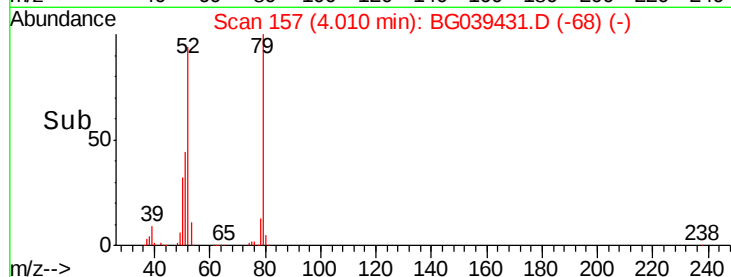
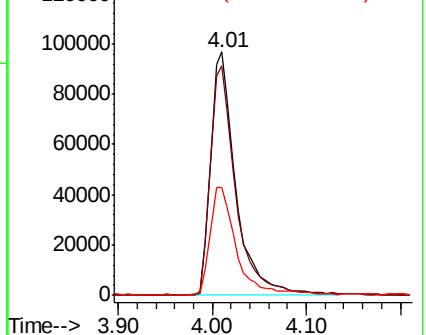
79 100

52 94.1 82.6 124.0

51 44.4 37.5 56.3



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



#4

n-Nitrosodimethylamine

Concen: 36.848 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG039431.D

Acq: 11 Feb 2019 12:58

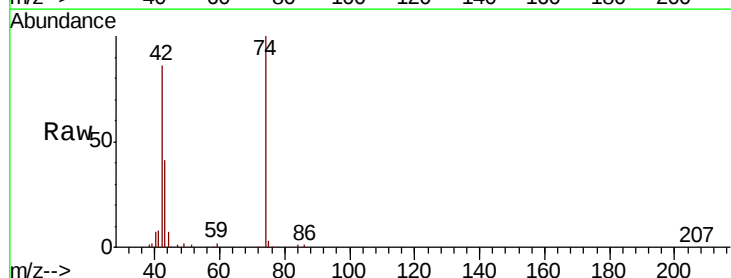
Tgt Ion: 42 Resp: 77034

Ion Ratio Lower Upper

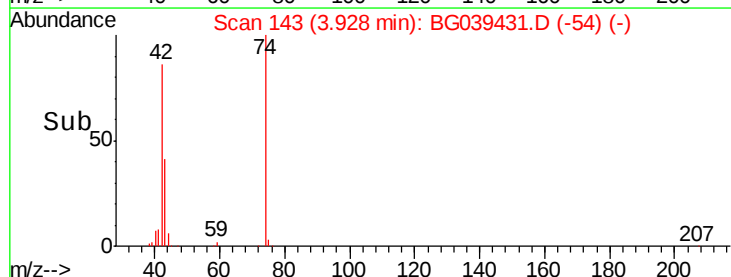
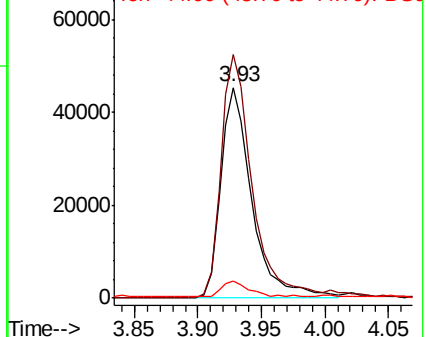
42 100

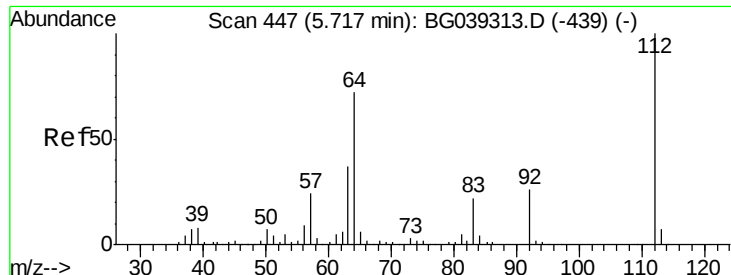
74 115.7 83.6 125.4

44 7.9 6.9 10.3



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





#5

2-Fluorophenol

Concen: 80.505 ng

RT: 5.71 min Scan# 446

Delta R.T. -0.01 min

Lab File: BG039431.D

Acq: 11 Feb 2019 12:58

Instrument :

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ClientSampleId :

SSTDCCC040

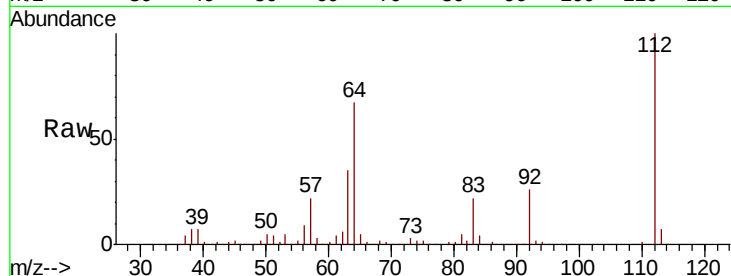
Tot Ion: 112 Resp: 290580

Ion Ratio Lower Upper

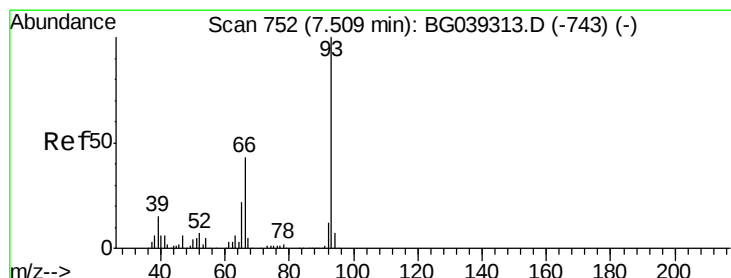
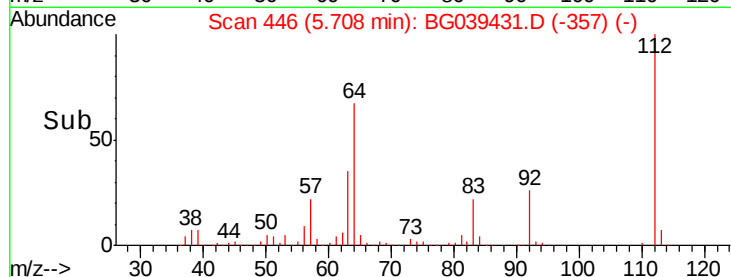
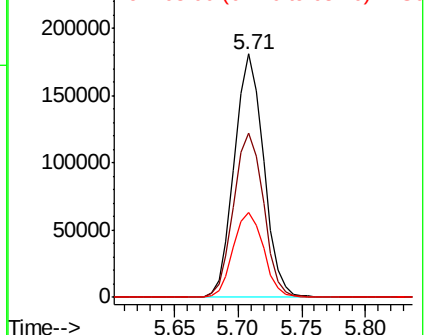
112 100

64 67.3 57.8 86.8

63 34.8 29.8 44.6



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



#6

Aniline

Concen: 41.163 ng

RT: 7.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BG039431.D

Acq: 11 Feb 2019 12:58

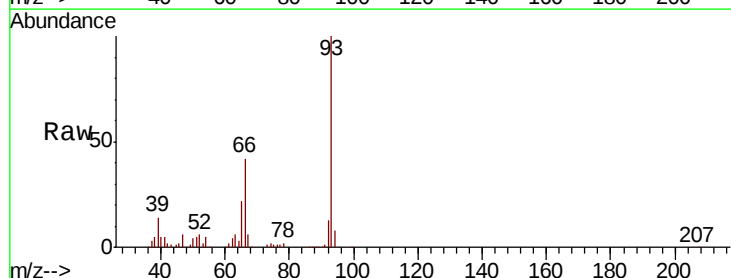
Tgt Ion: 93 Resp: 273936

Ion Ratio Lower Upper

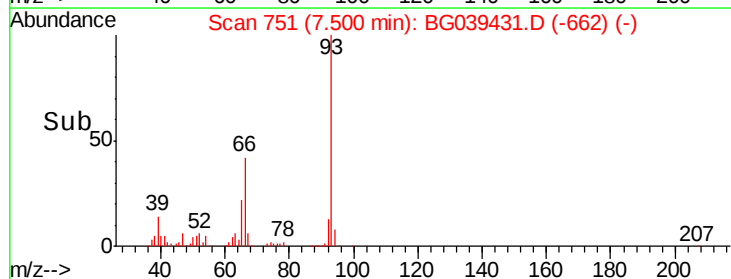
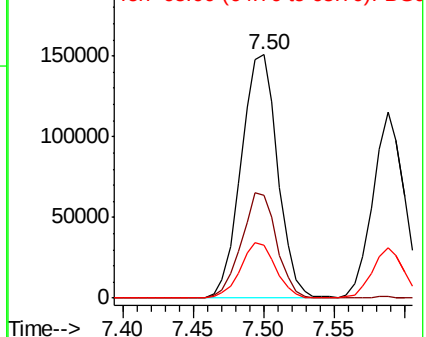
93 100

66 42.2 34.2 51.4

65 21.7 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: 83.944 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039431.D

Acq: 11 Feb 2019 12:58

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ClientSampleId :

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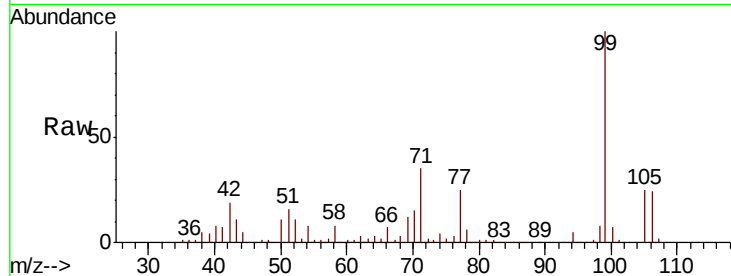
Tot Ion: 99 Resp: 445993

Ion Ratio Lower Upper

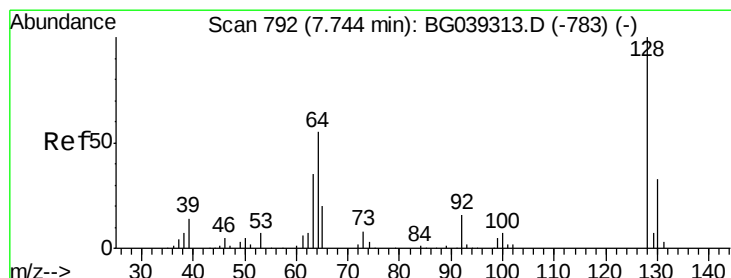
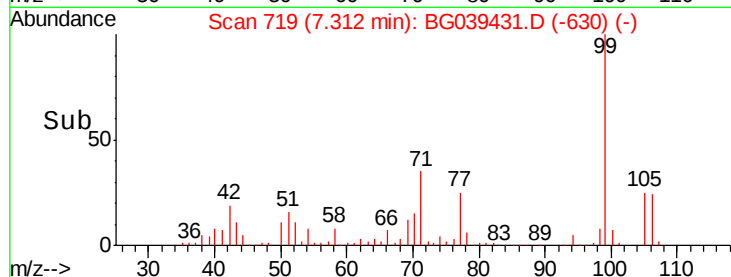
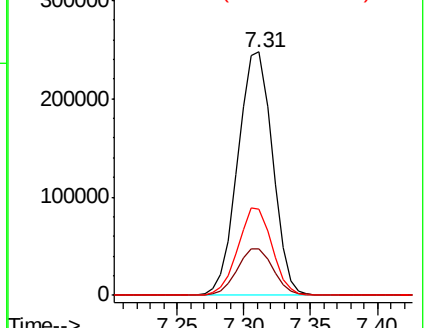
99 100

42 19.1 18.2 27.2

71 35.3 28.0 42.0



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



#8

2-Chlorophenol

Concen: 41.999 ng

RT: 7.73 min Scan# 790

Delta R.T. -0.01 min

Lab File: BG039431.D

Acq: 11 Feb 2019 12:58

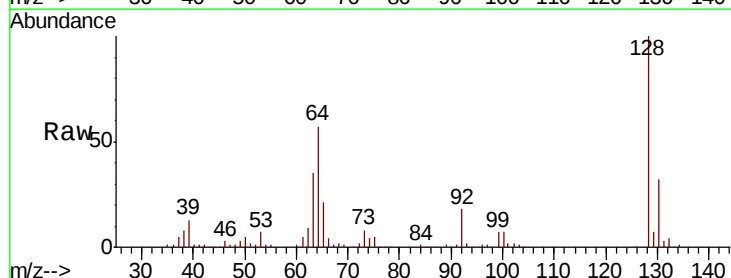
Tgt Ion: 128 Resp: 165707

Ion Ratio Lower Upper

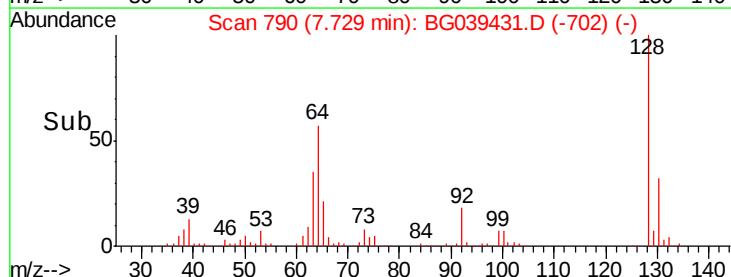
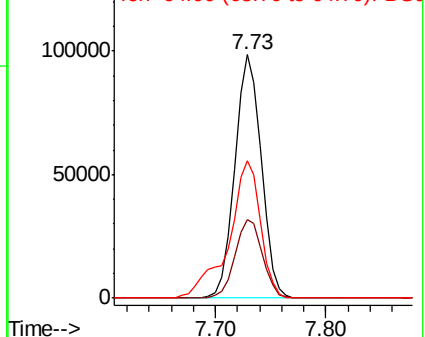
128 100

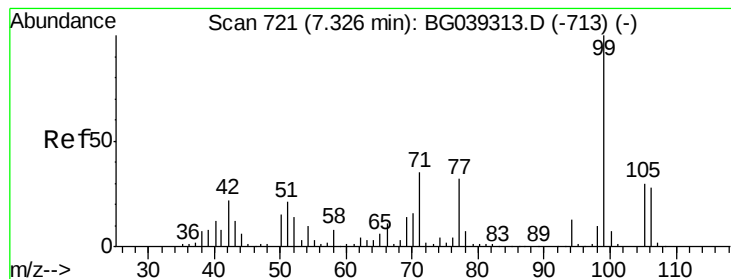
130 32.4 12.9 52.9

64 56.7 38.7 78.7



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





#9

Benzaldehyde

Concen: 43.175 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039431.D

Acq: 11 Feb 2019 12:58

Instrument :

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ClientSampleId :

SSTDCCC040

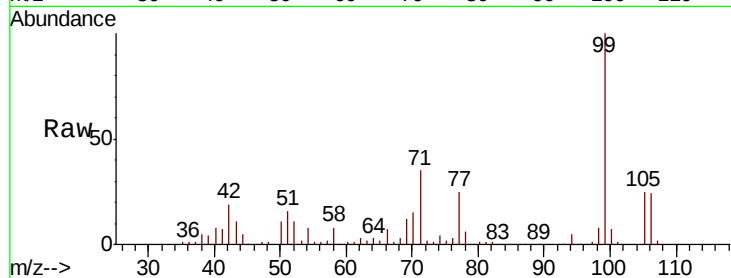
Tot Ion: 77 Resp: 112018

Ion Ratio Lower Upper

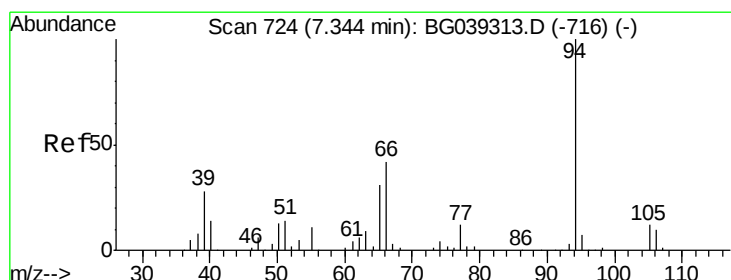
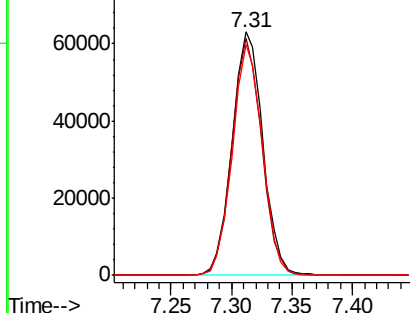
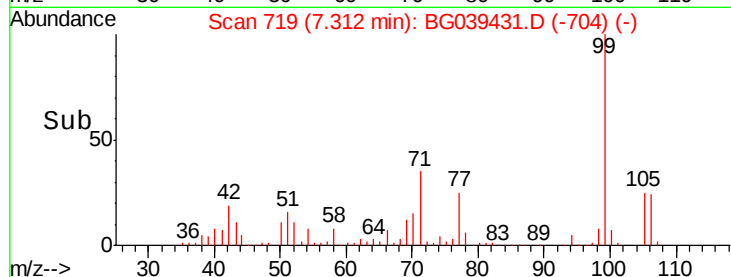
77 100

105 97.2 74.5 114.5

106 94.8 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: 41.573 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG039431.D

Acq: 11 Feb 2019 12:58

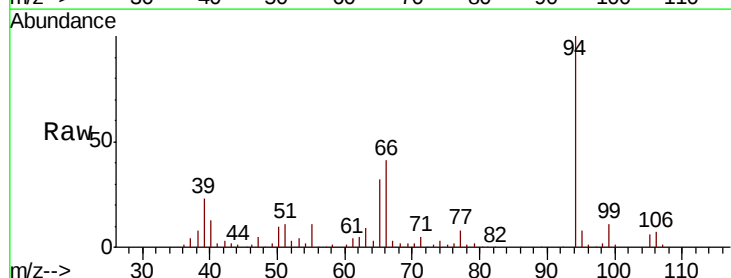
Tgt Ion: 94 Resp: 230248

Ion Ratio Lower Upper

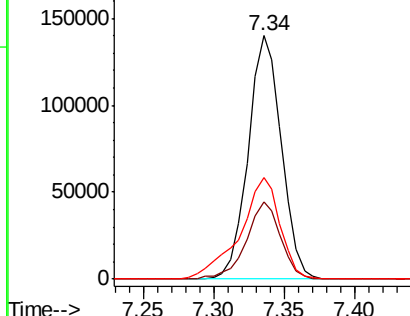
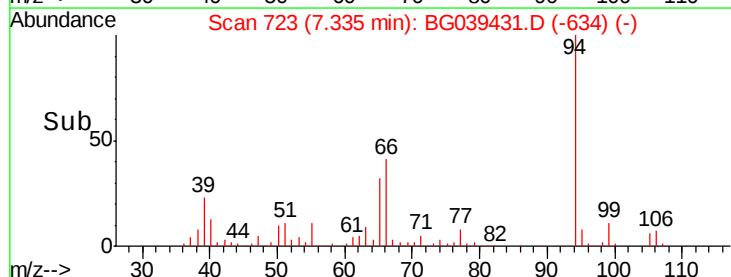
94 100

65 31.6 11.7 51.7

66 41.5 23.7 63.7



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

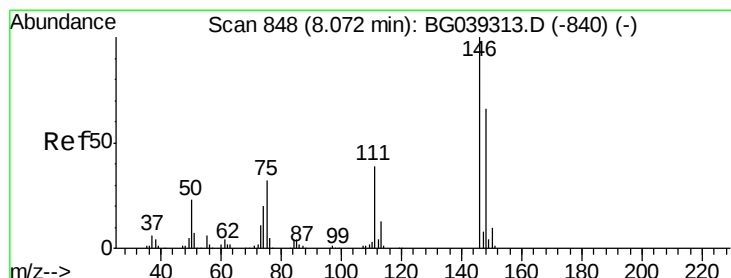
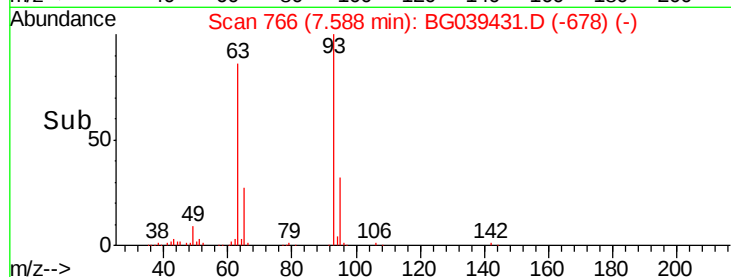
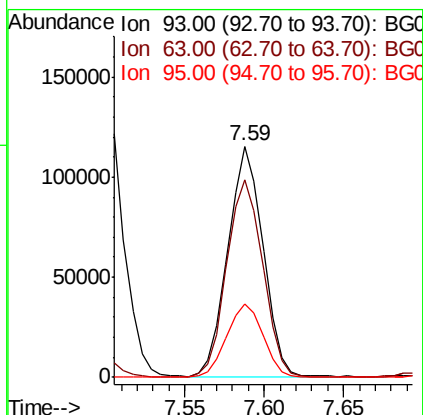
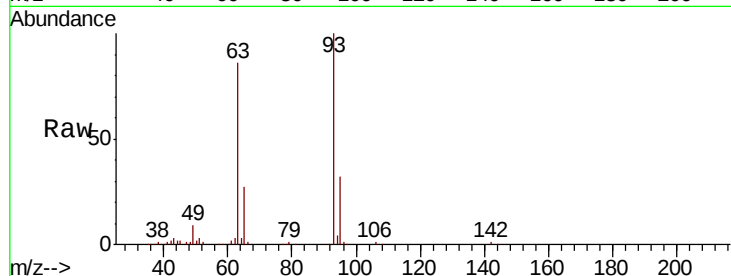




#11
bis(2-Chloroethyl)ether
Concen: 40.530 ng
RT: 7.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BG039431.D
Acq: 11 Feb 2019 12:58

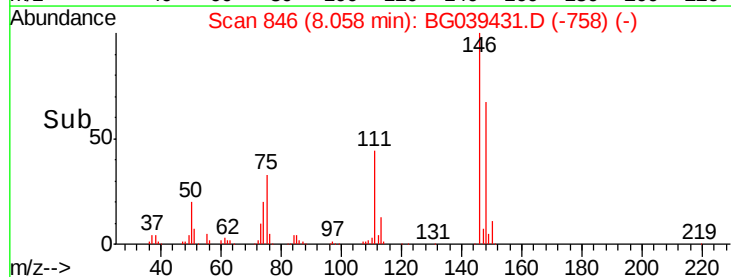
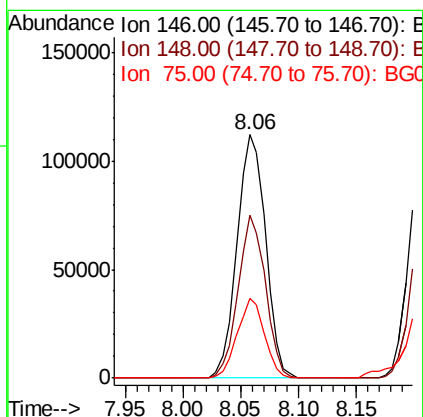
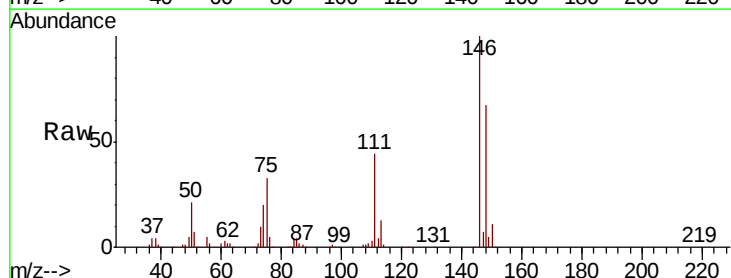
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

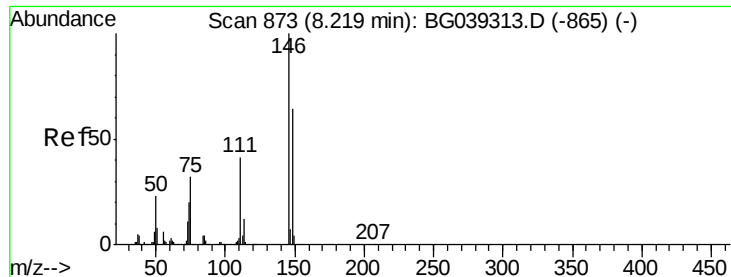
Tot Ion: 93 Resp: 177376
Ion Ratio Lower Upper
93 100
63 85.7 69.5 109.5
95 31.6 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 40.150 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BG039431.D
Acq: 11 Feb 2019 12:58

Tgt Ion: 146 Resp: 191903
Ion Ratio Lower Upper
146 100
148 67.1 52.6 79.0
75 33.0 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 40.864 ng

RT: 8.21 min Scan# 872

Delta R.T. -0.01 min

Lab File: BG039431.D

Acq: 11 Feb 2019 12:58

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

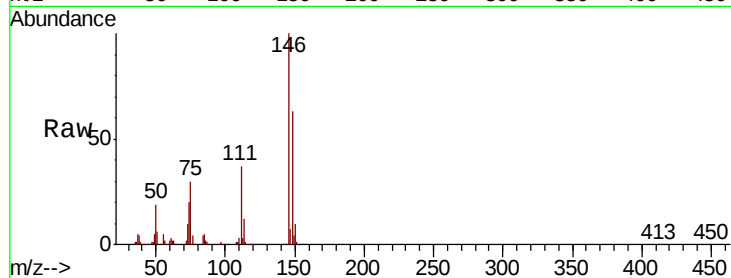
Tot Ion:146 Resp: 194676

Ion Ratio Lower Upper

146 100

148 62.7 51.1 76.7

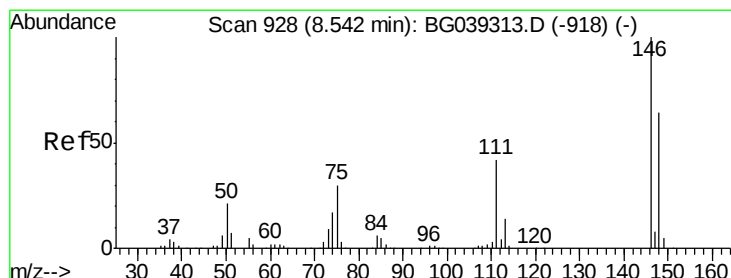
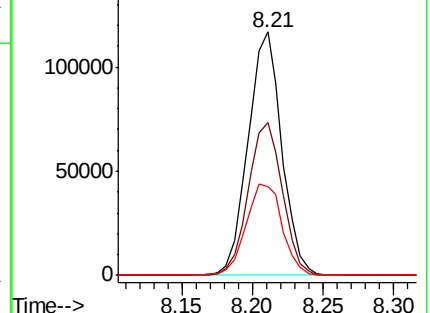
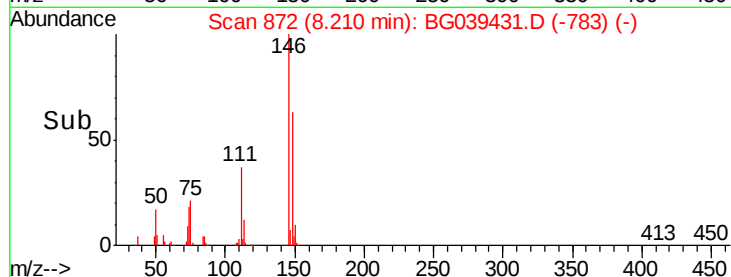
111 36.6 32.6 48.8



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: 40.956 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG039431.D

Acq: 11 Feb 2019 12:58

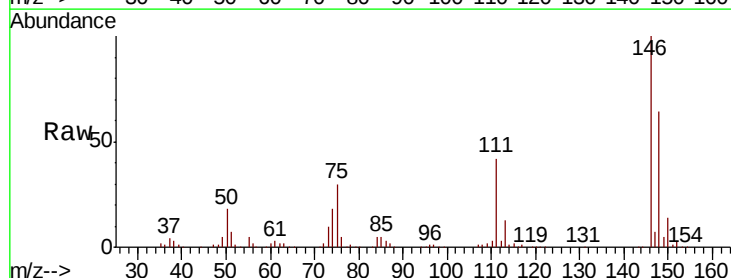
Tgt Ion:146 Resp: 188885

Ion Ratio Lower Upper

146 100

148 63.5 51.5 77.3

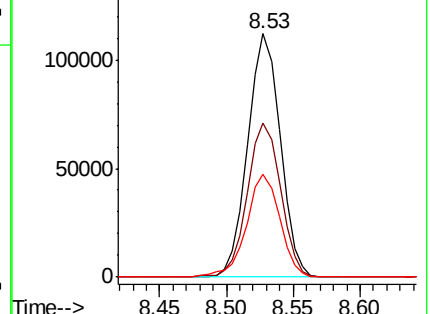
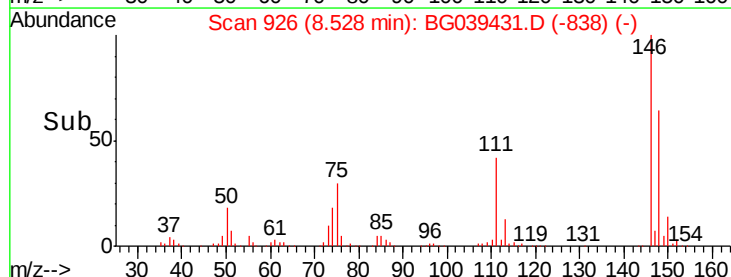
111 42.1 33.8 50.6

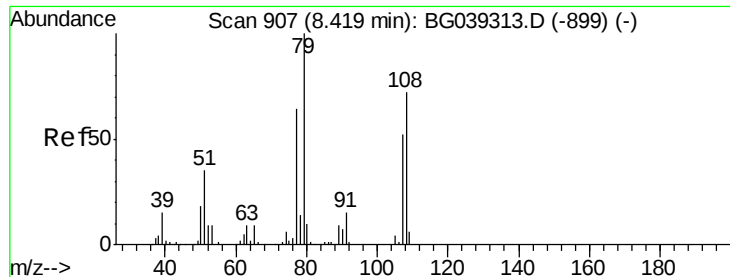


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.508 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG039431.D

Acq: 11 Feb 2019 12:58

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

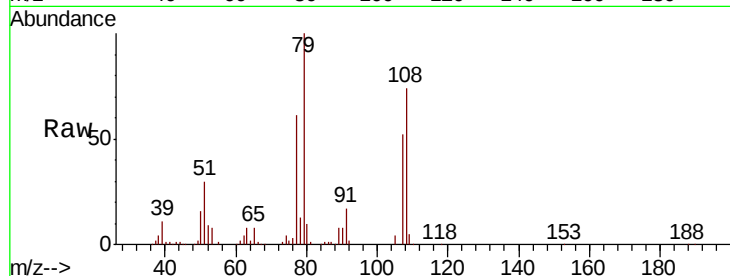
Tot Ion: 79 Resp: 177308

Ion Ratio Lower Upper

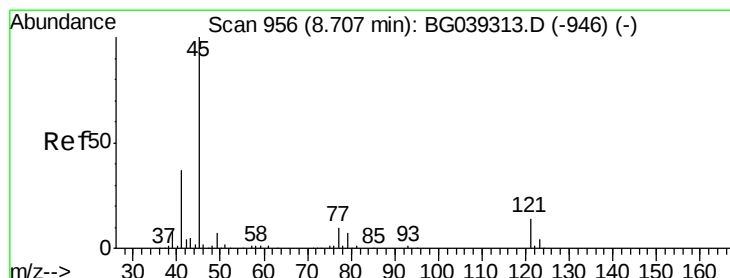
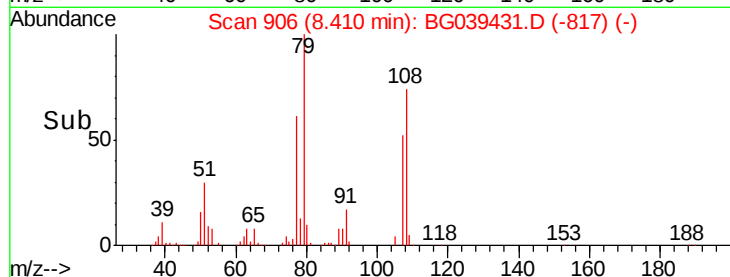
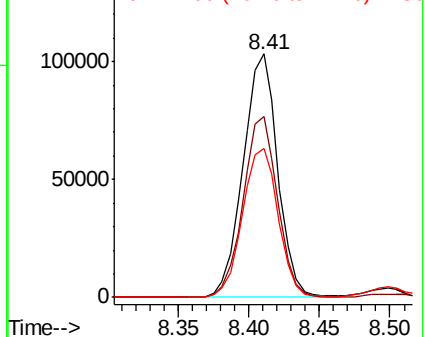
79 100

108 74.2 57.8 86.6

77 60.9 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: 35.666 ng

RT: 8.69 min Scan# 954

Delta R.T. -0.01 min

Lab File: BG039431.D

Acq: 11 Feb 2019 12:58

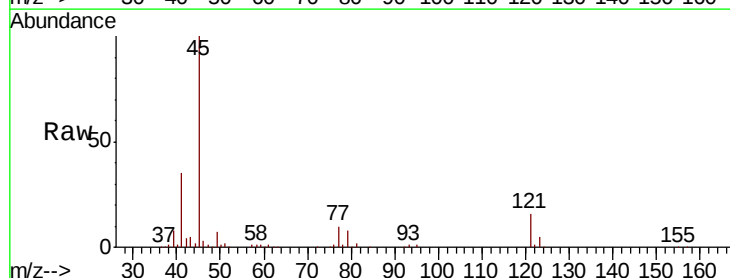
Tgt Ion: 45 Resp: 352482

Ion Ratio Lower Upper

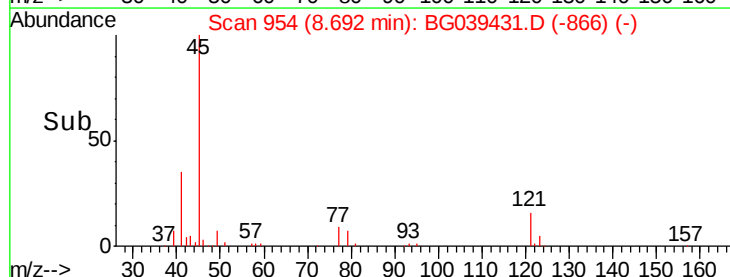
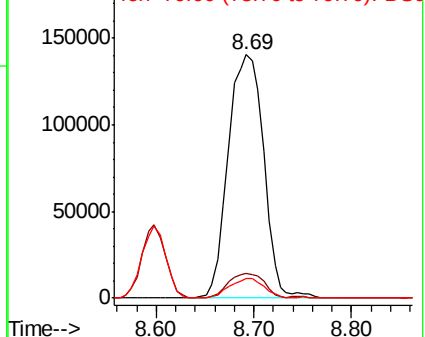
45 100

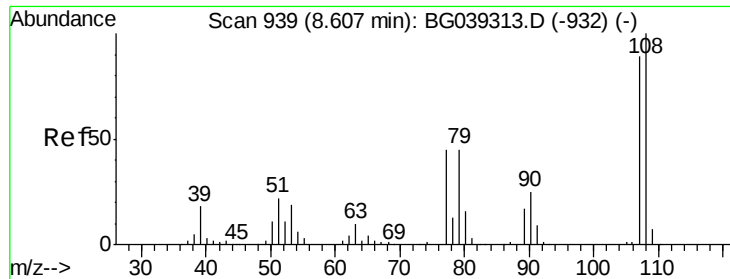
77 10.3 0.0 30.0

79 7.9 0.0 27.5



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

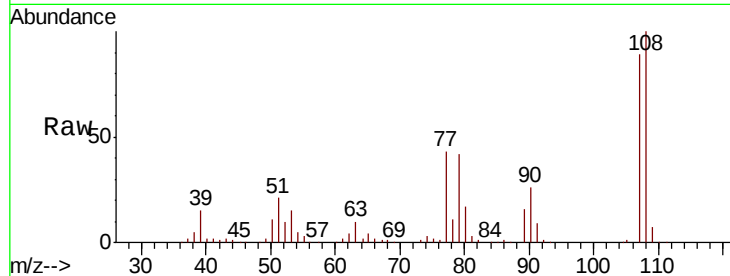




#17
2-Methylphenol
Concen: 42.024 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG039431.D
Acq: 11 Feb 2019 12:58

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.6	90.8	136.2
77	48.2	40.7	61.1
79	47.3	40.6	60.8



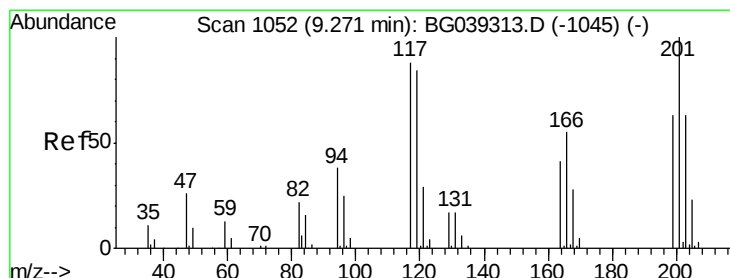
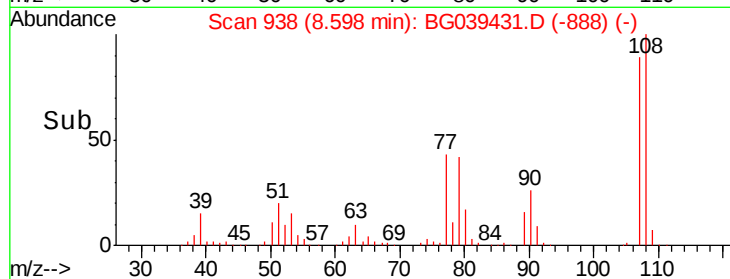
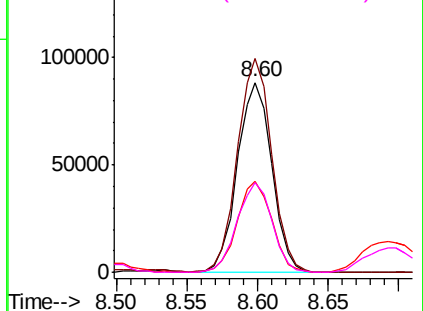
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

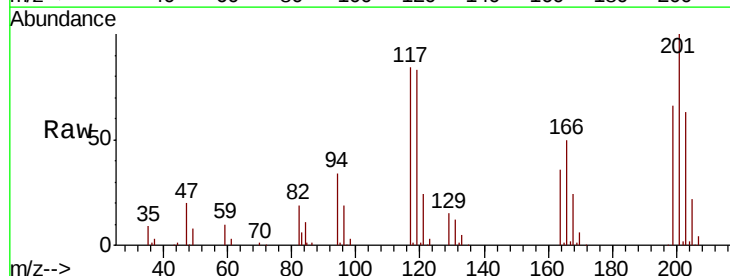
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 41.327 ng
RT: 9.26 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BG039431.D
Acq: 11 Feb 2019 12:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.1	76.3	114.5
201	119.2	91.1	136.7

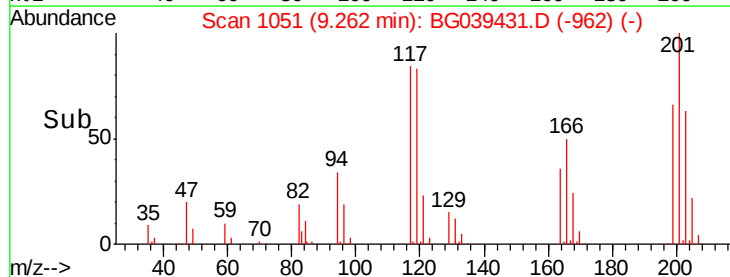
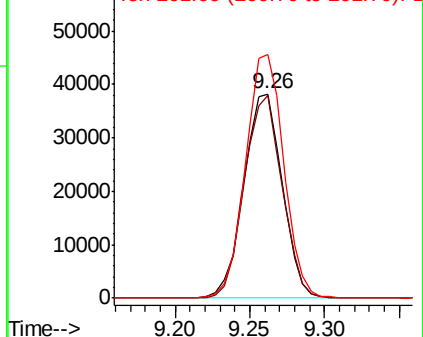


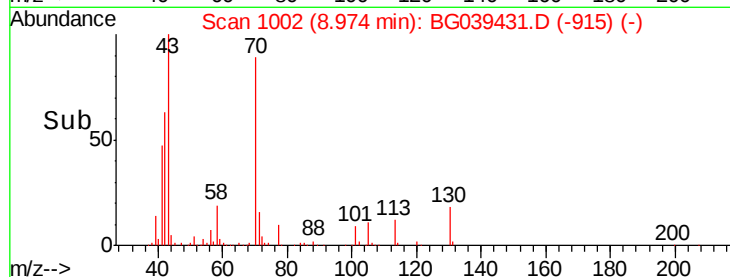
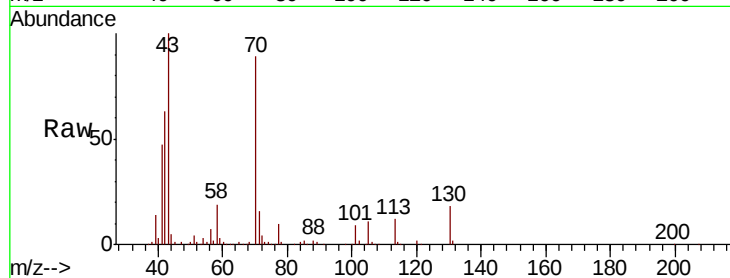
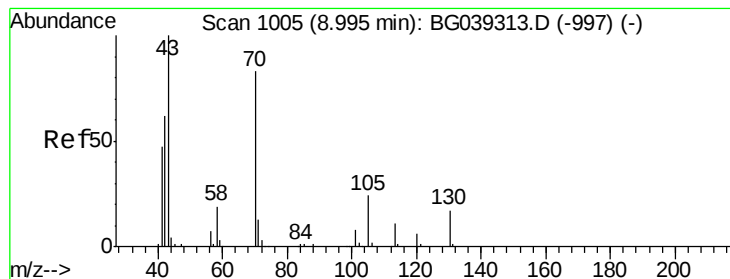
Abundance

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: 40.915 ng

RT: 8.97 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BG039431.D

Acq: 11 Feb 2019 12:58

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 154289

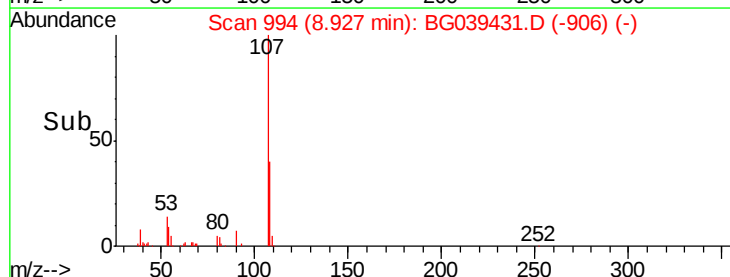
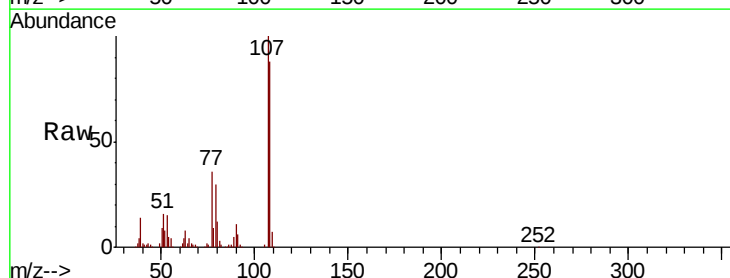
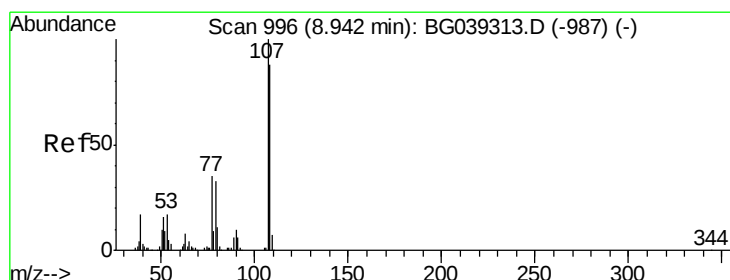
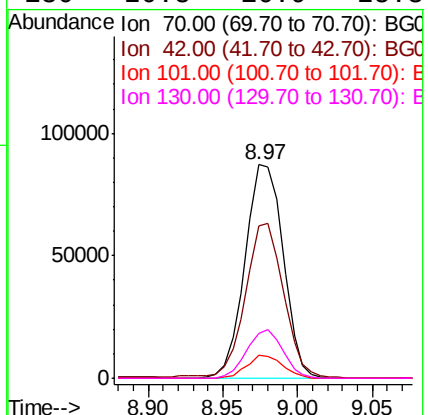
Ion Ratio Lower Upper

70 100

42 71.3 60.4 90.6

101 10.6 7.5 11.3

130 20.8 16.9 25.3



#20

3+4-Methylphenols

Concen: 43.297 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BG039431.D

Acq: 11 Feb 2019 12:58

Tgt Ion:107 Resp: 213688

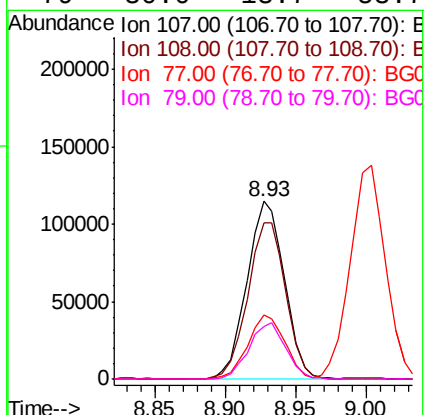
Ion Ratio Lower Upper

107 100

108 88.3 67.9 107.9

77 36.4 15.4 55.4

79 30.0 13.7 53.7

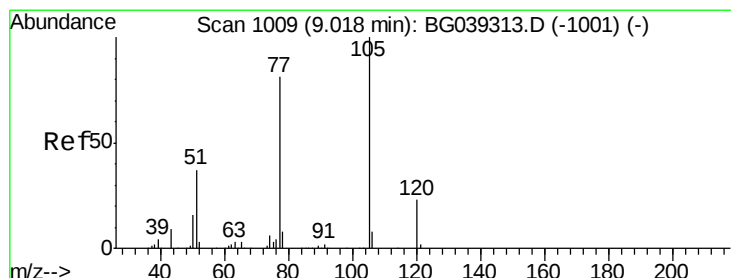
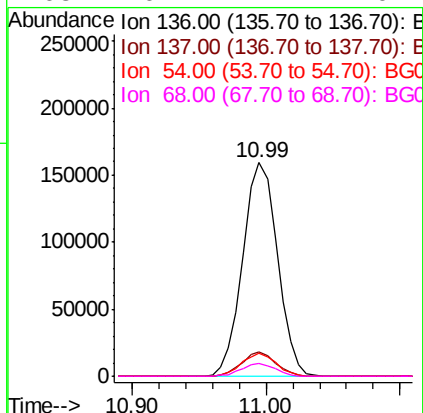
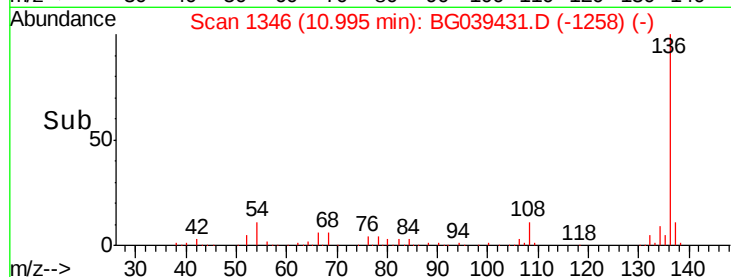
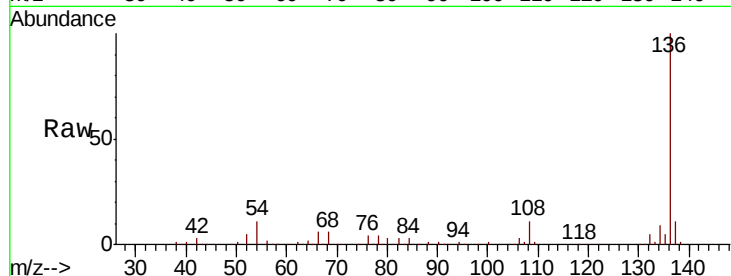




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039431.D
Acq: 11 Feb 2019 12:58

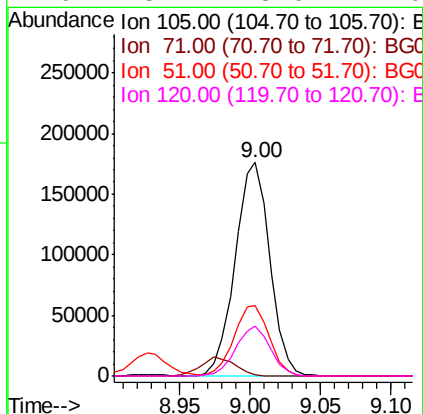
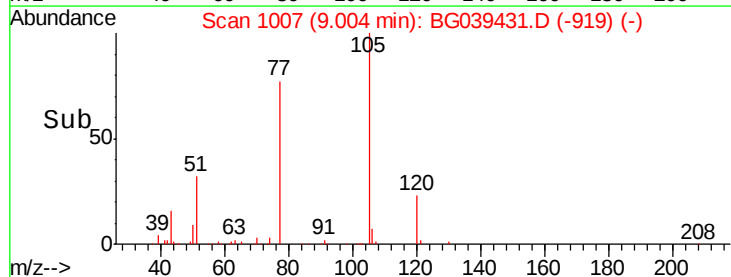
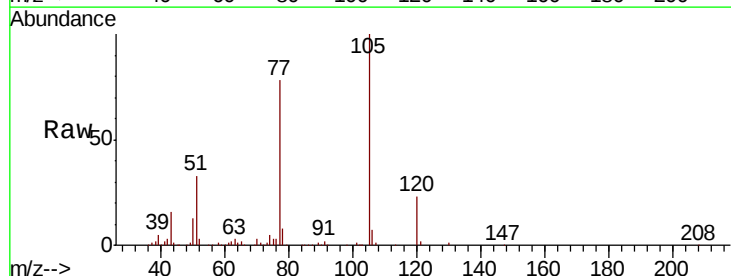
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

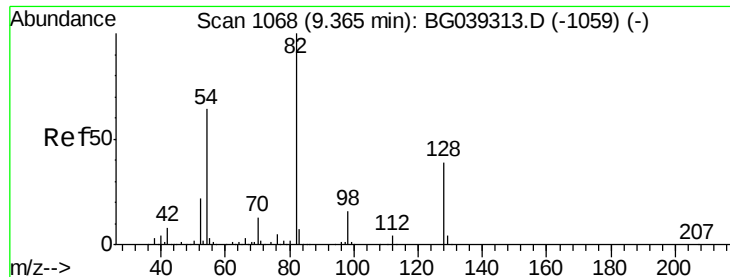
Tot Ion:136	Resp:	287224
Ion	Ratio	Lower Upper
136	100	
137	11.3	9.1 13.7
54	10.6	9.4 14.2
68	6.2	4.2 6.4



#22
Acetophenone
Concen: 39.072 ng
RT: 9.00 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG039431.D
Acq: 11 Feb 2019 12:58

Tgt Ion:105	Resp:	301452
Ion	Ratio	Lower Upper
105	100	
71	0.5	0.8 1.2#
51	33.0	30.2 45.2
120	23.4	18.0 27.0

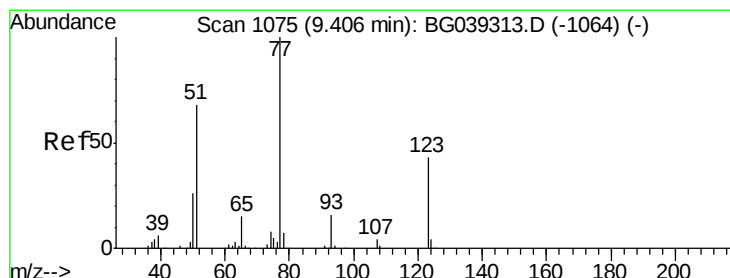
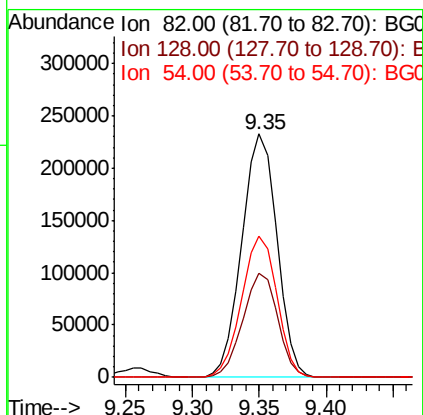
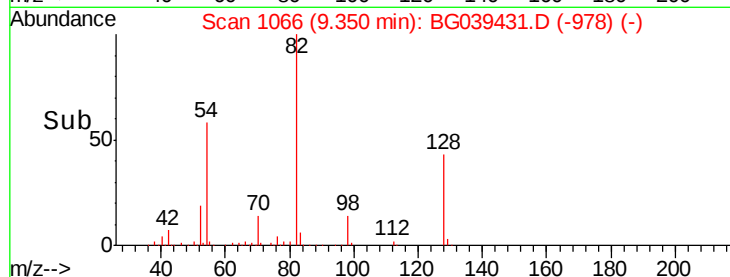
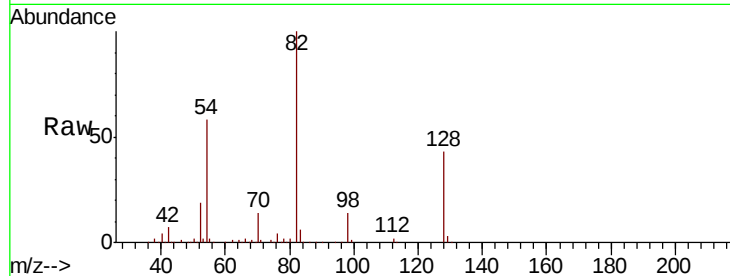




#23
Nitrobenzene-d5
Concen: 92.480 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039431.D
Acq: 11 Feb 2019 12:58

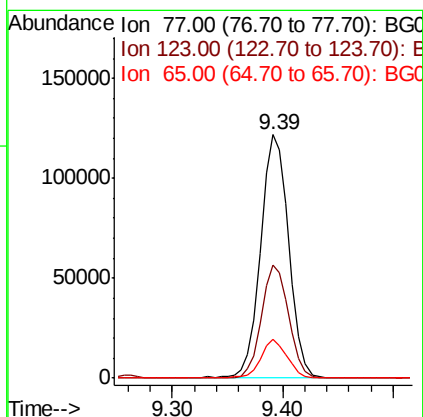
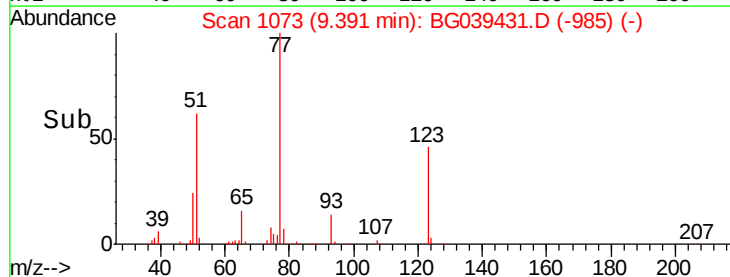
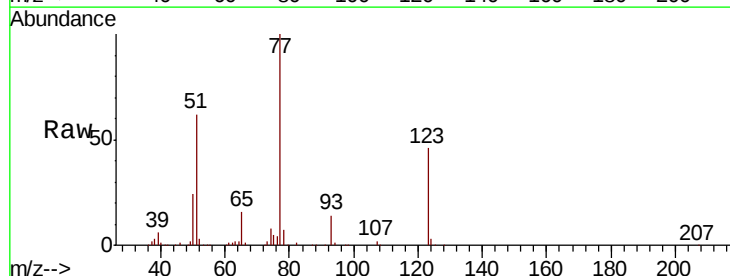
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	82	Resp	425191
Ion Ratio	100	Lower	Upper
128	42.7	31.3	46.9
54	58.0	50.9	76.3



#24
Nitrobenzene
Concen: 43.684 ng
RT: 9.39 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BG039431.D
Acq: 11 Feb 2019 12:58

Tgt Ion	77	Resp	216980
Ion Ratio	100	Lower	Upper
123	46.2	34.1	51.1
65	16.2	12.3	18.5





#25

Isophorone

Concen: 39.058 ng

RT: 9.91 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BG039431.D

Acq: 11 Feb 2019 12:58

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

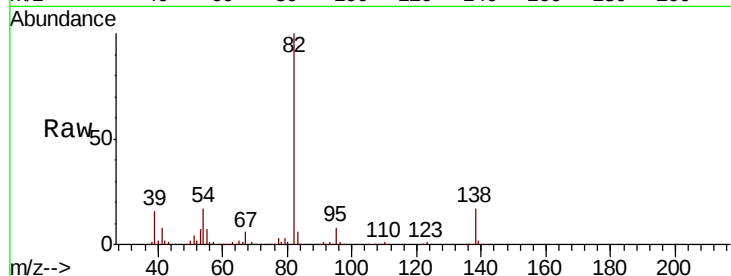
Tot Ion: 82 Resp: 397938

Ion Ratio Lower Upper

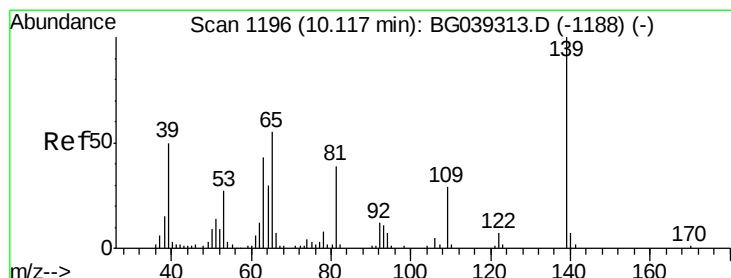
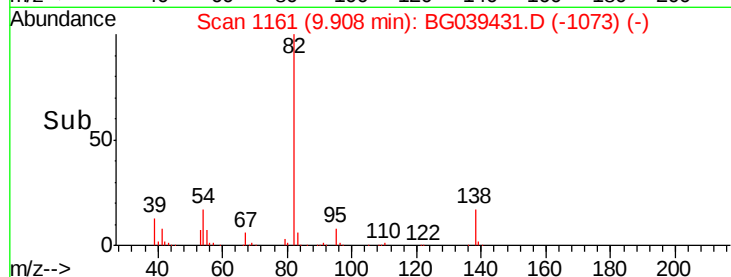
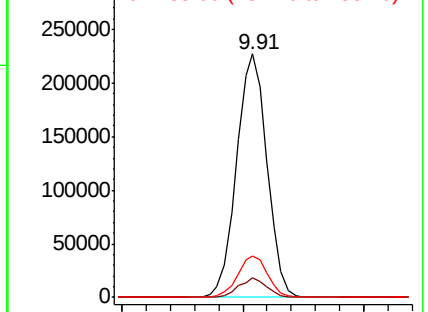
82 100

95 7.9 6.2 9.2

138 17.1 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: 51.252 ng

RT: 10.10 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BG039431.D

Acq: 11 Feb 2019 12:58

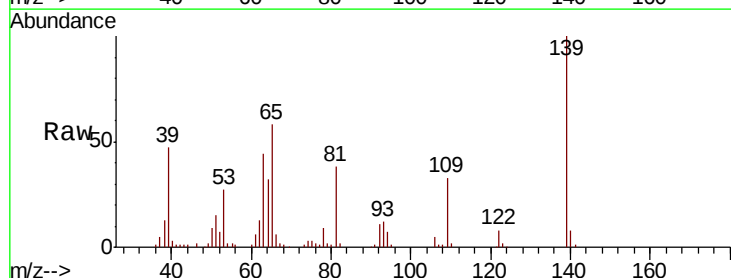
Tgt Ion: 139 Resp: 101860

Ion Ratio Lower Upper

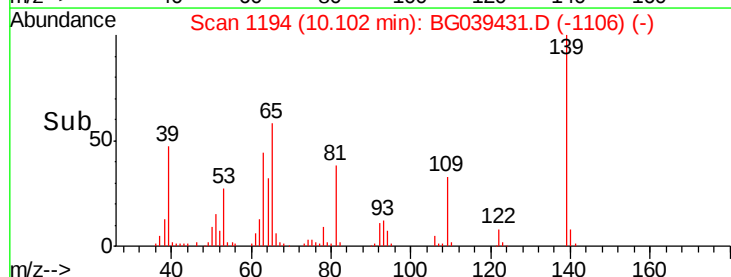
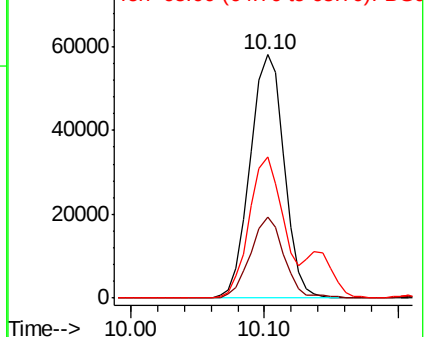
139 100

109 33.1 23.4 35.0

65 58.2 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

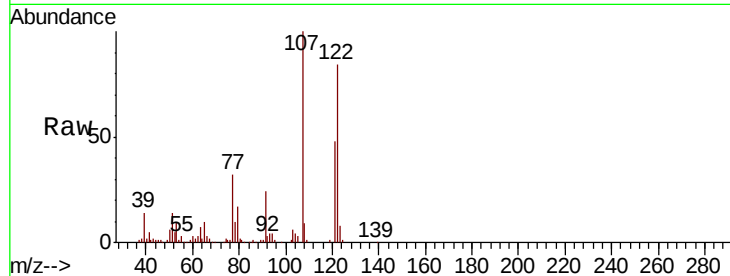




#27
2,4-Dimethylphenol
Concen: 40.079 ng
RT: 10.14 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BG039431.D
Acq: 11 Feb 2019 12:58

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.5	91.7	137.5
121	57.4	46.4	69.6

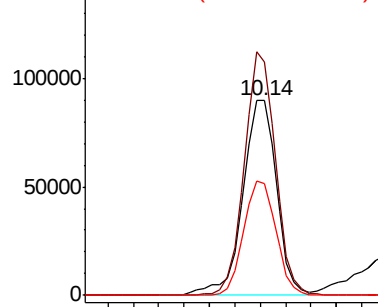


Abundance

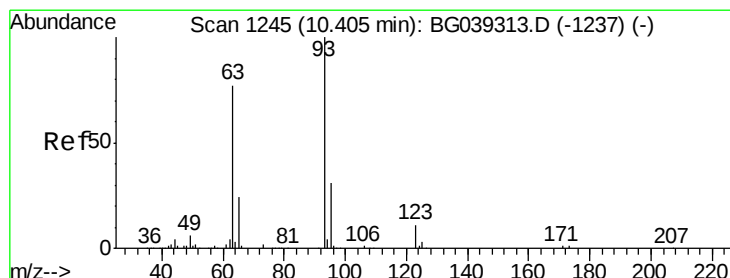
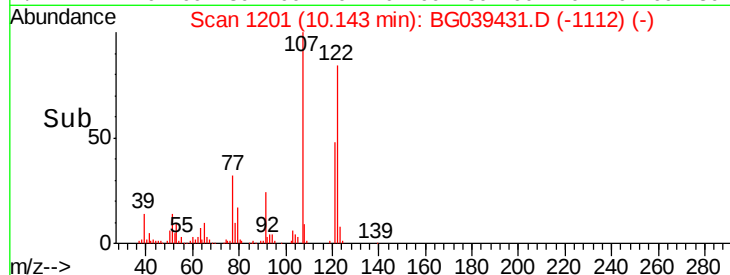
Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

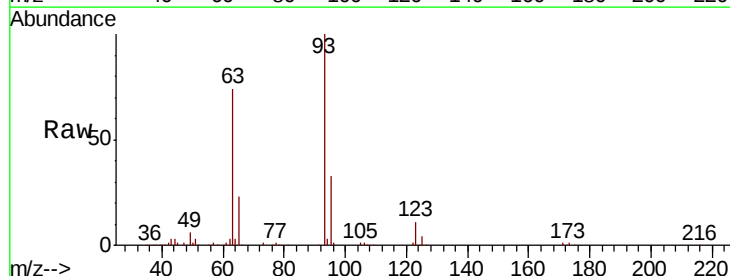


Time-->



#28
bis(2-Chloroethoxy)methane
Concen: 39.450 ng
RT: 10.39 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BG039431.D
Acq: 11 Feb 2019 12:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.0	37.4
123	11.5	8.6	12.8

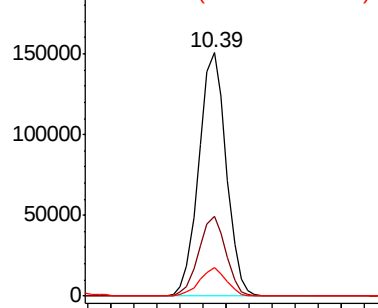


Abundance

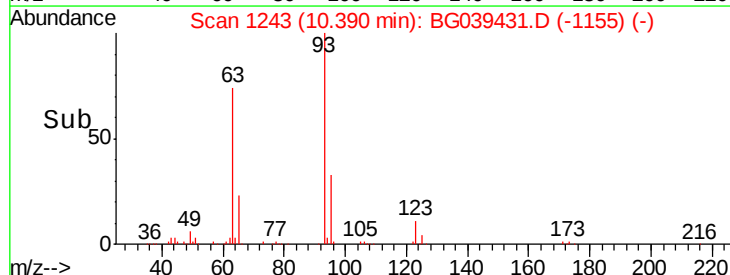
Ion 93.00 (92.70 to 93.70): BGC

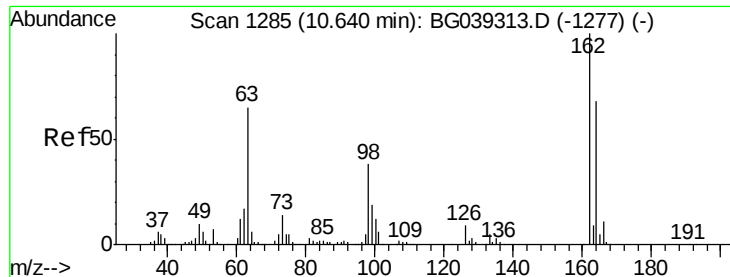
Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E



Time-->

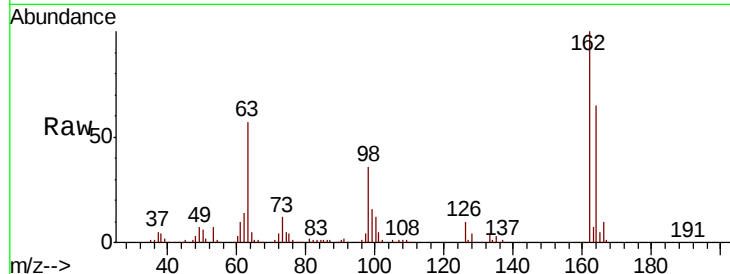




#29
2,4-Dichlorophenol
Concen: 42.447 ng
RT: 10.63 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG039431.D
Acq: 11 Feb 2019 12:58

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	48.1	88.1
98	35.6	18.1	58.1

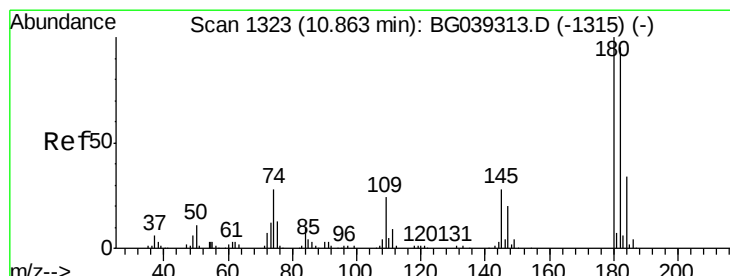
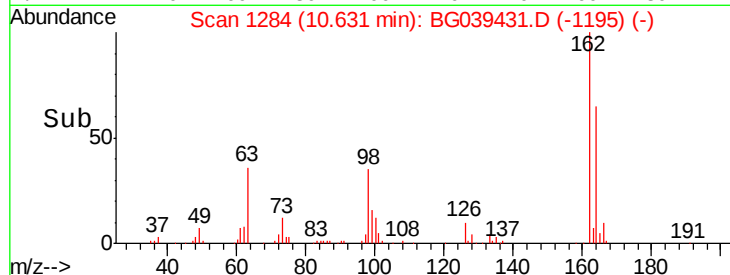
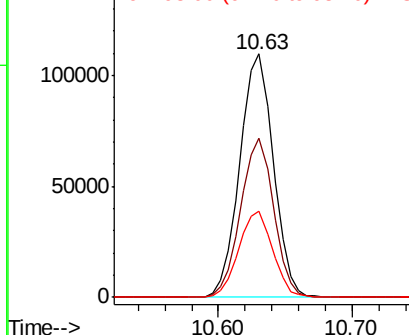


Abundance

Ion 162.00 (161.70 to 162.70): E

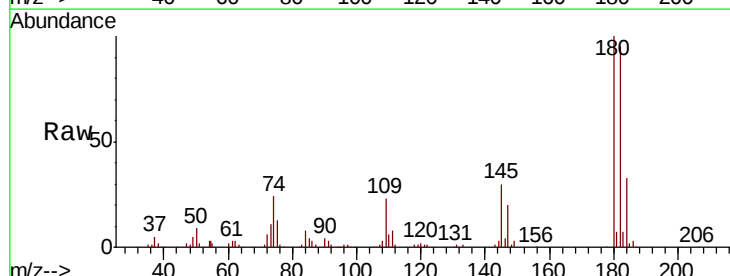
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 40.682 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG039431.D
Acq: 11 Feb 2019 12:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.0	114.0
145	30.1	22.7	34.1

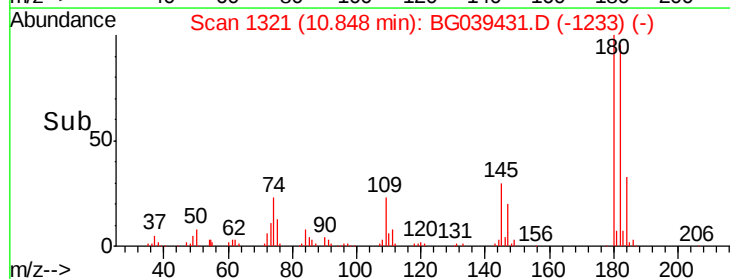
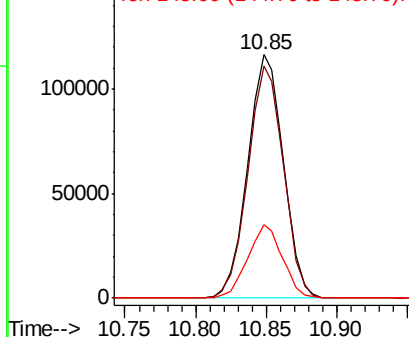


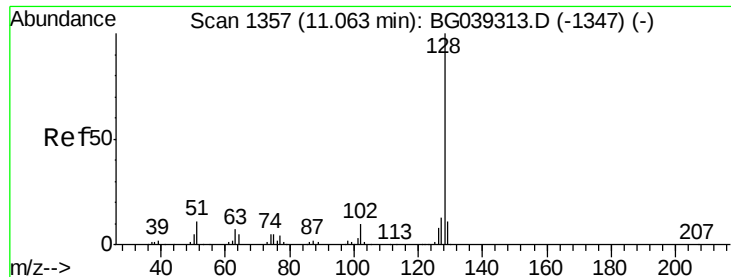
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.463 ng

RT: 11.05 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BG039431.D

Acq: 11 Feb 2019 12:58

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

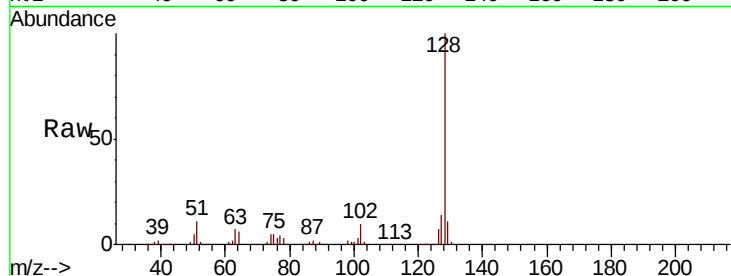
Tot Ion:128 Resp: 548062

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

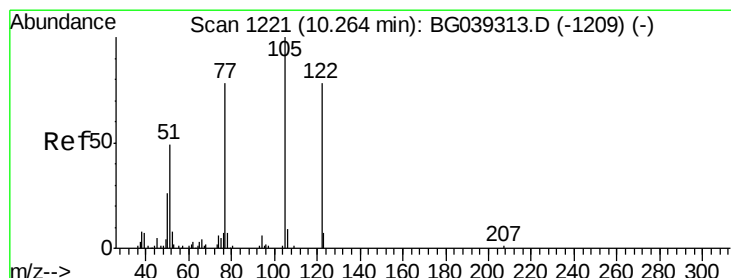
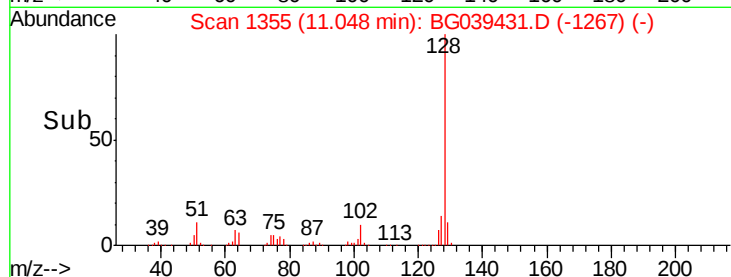
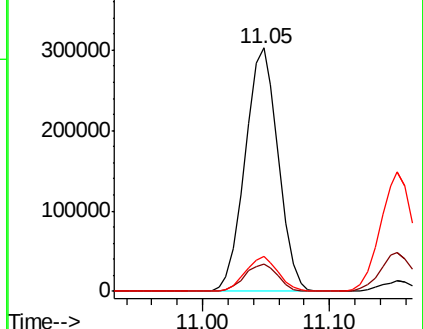
127 14.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.329 ng

RT: 10.27 min Scan# 1223

Delta R.T. 0.01 min

Lab File: BG039431.D

Acq: 11 Feb 2019 12:58

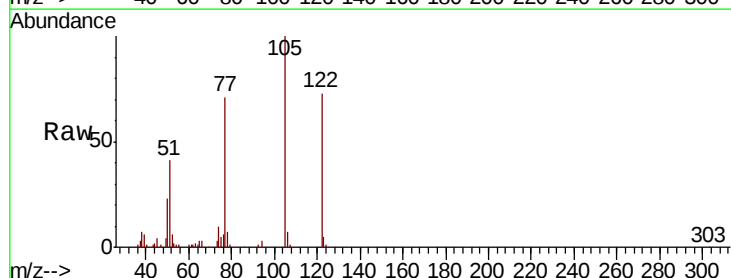
Tgt Ion:122 Resp: 117345

Ion Ratio Lower Upper

122 100

105 137.3 101.8 141.8

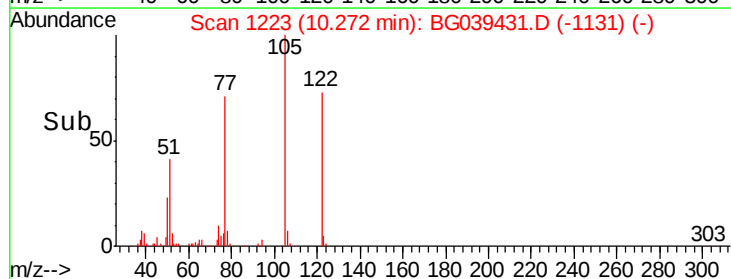
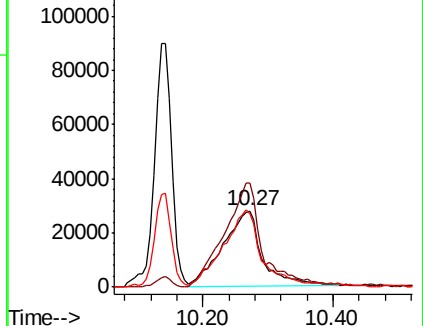
77 96.8 76.3 116.3

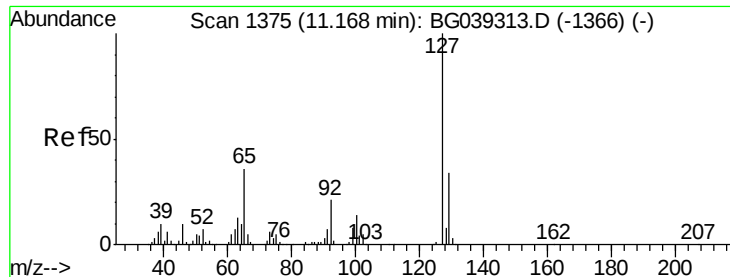


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO

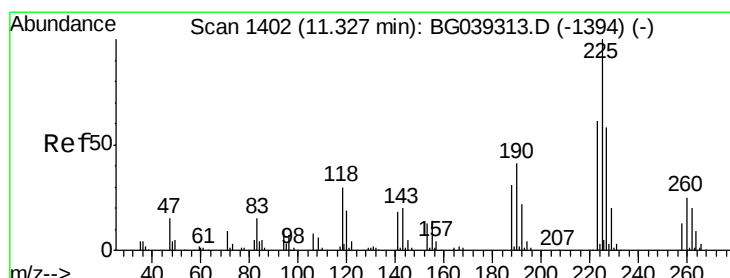
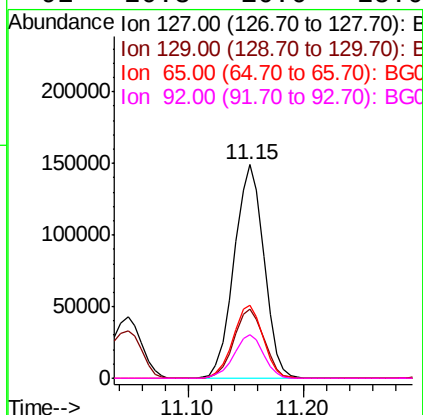
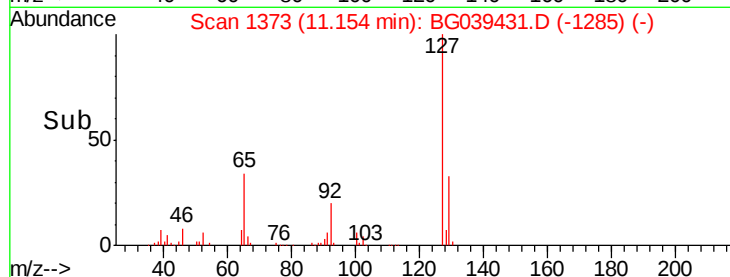
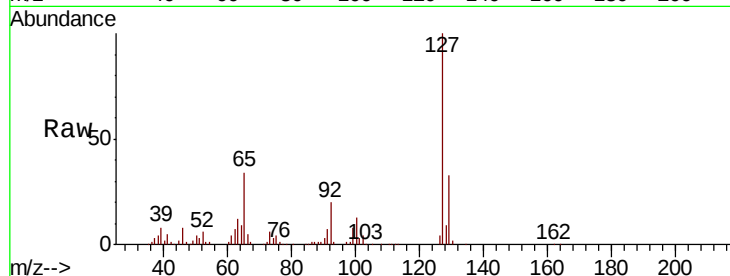




#33
4-Chloroaniline
Concen: 40.441 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG039431.D
Acq: 11 Feb 2019 12:58

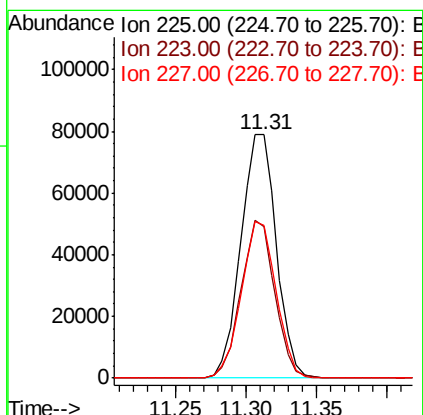
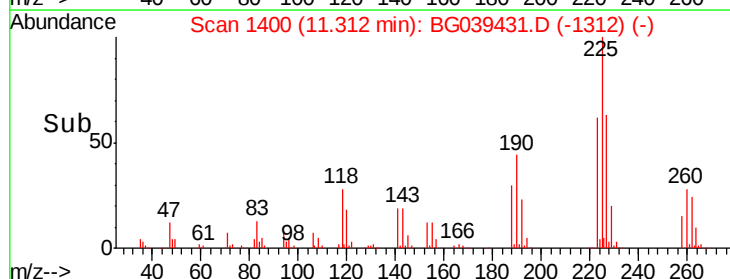
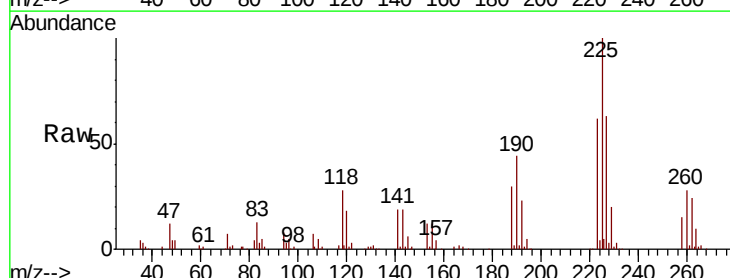
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

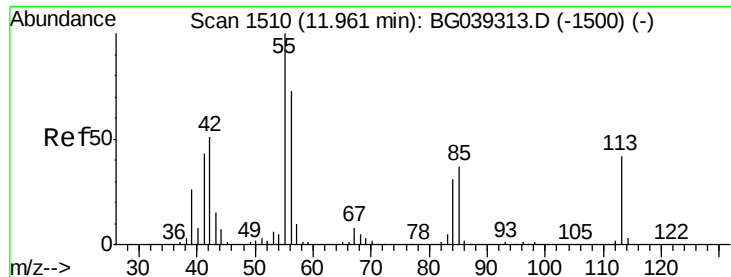
Tot Ion:127	Resp:	267185
Ion Ratio	Lower	Upper
127	100	
129	32.7	27.0 40.4
65	33.9	28.8 43.2
92	20.3	16.6 25.0



#34
Hexachlorobutadiene
Concen: 41.272 ng
RT: 11.31 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BG039431.D
Acq: 11 Feb 2019 12:58

Tgt Ion:225	Resp:	138804
Ion Ratio	Lower	Upper
225	100	
223	62.5	49.0 73.6
227	62.9	46.3 69.5

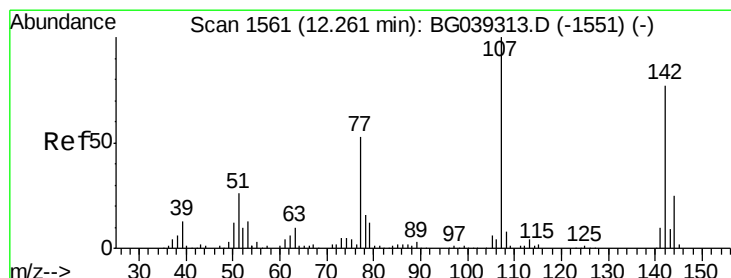
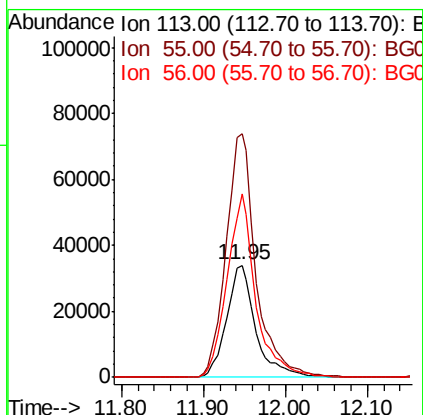
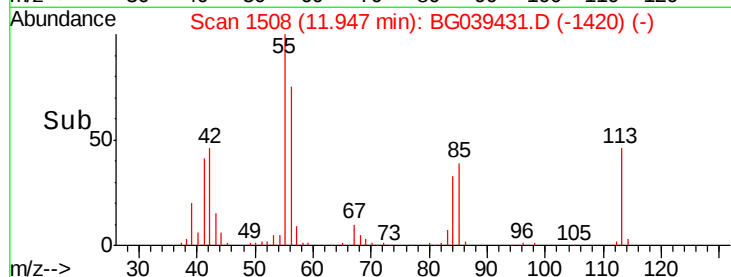
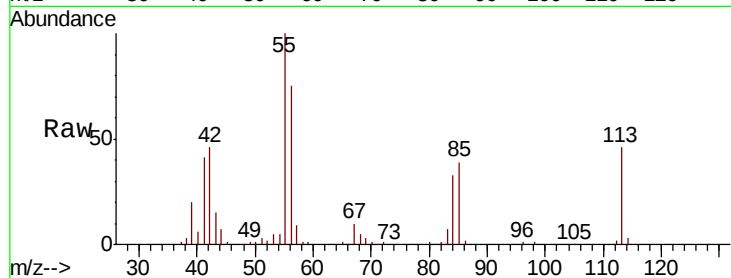




#35
Caprolactam
Concen: 44.997 ng
RT: 11.95 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BG039431.D
Acq: 11 Feb 2019 12:58

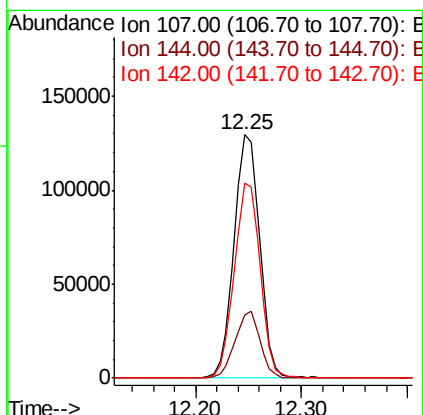
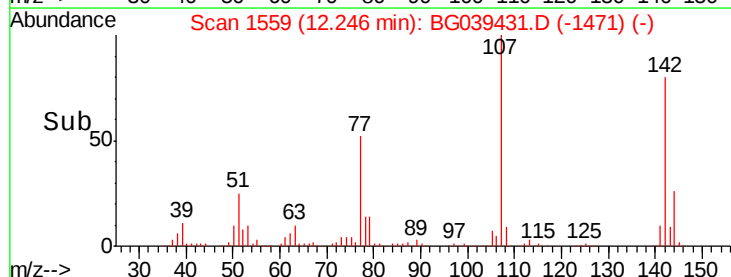
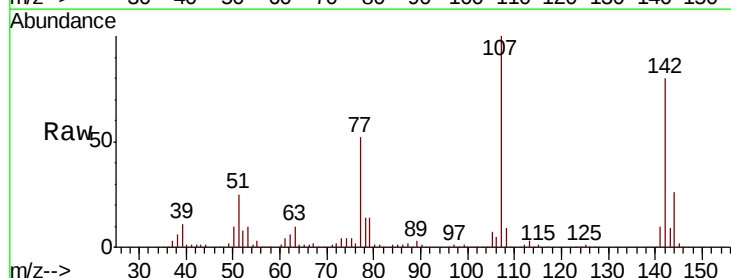
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

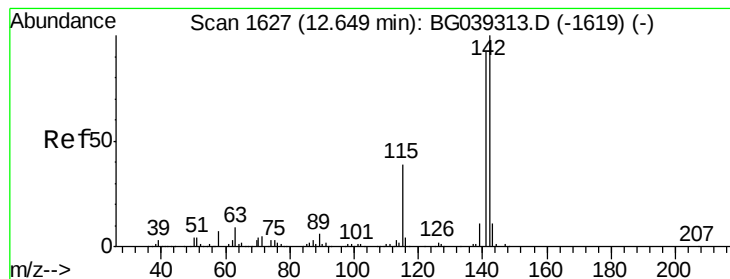
Tot Ion:113 Resp: 83873
Ion Ratio Lower Upper
113 100
55 216.6 216.9 256.9#
56 163.4 152.6 192.6



#36
4-Chloro-3-methylphenol
Concen: 41.736 ng
RT: 12.25 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BG039431.D
Acq: 11 Feb 2019 12:58

Tgt Ion:107 Resp: 217422
Ion Ratio Lower Upper
107 100
144 26.0 20.2 30.2
142 80.1 61.4 92.2





#37

2-Methylnaphthalene

Concen: 38.828 ng

RT: 12.63 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BG039431.D

Acq: 11 Feb 2019 12:58

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

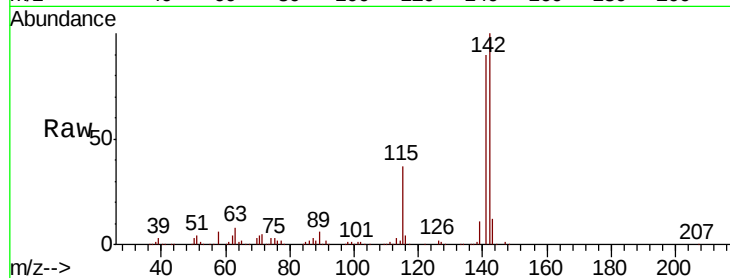
Tot Ion:142 Resp: 409779

Ion Ratio Lower Upper

142 100

141 90.3 73.5 110.3

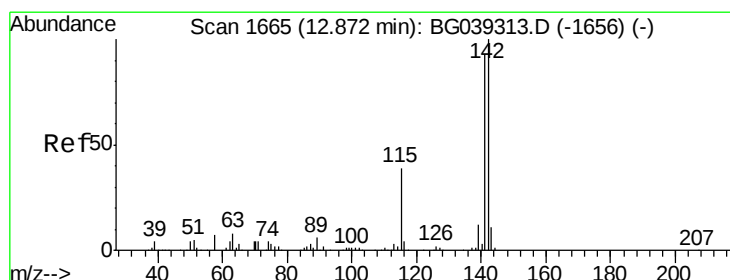
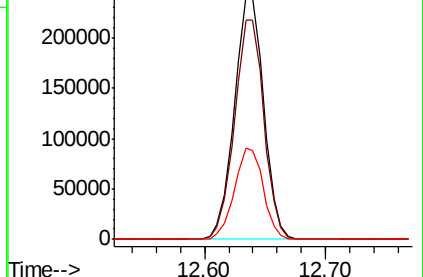
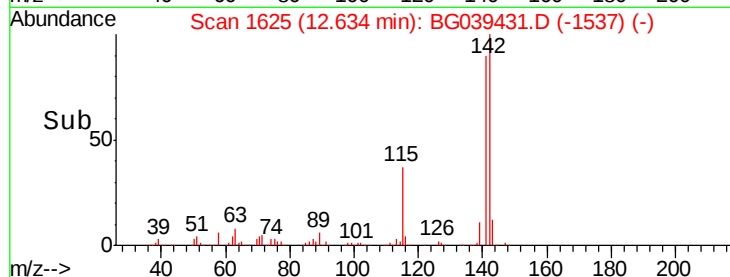
115 37.3 30.8 46.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.229 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.02 min

Lab File: BG039431.D

Acq: 11 Feb 2019 12:58

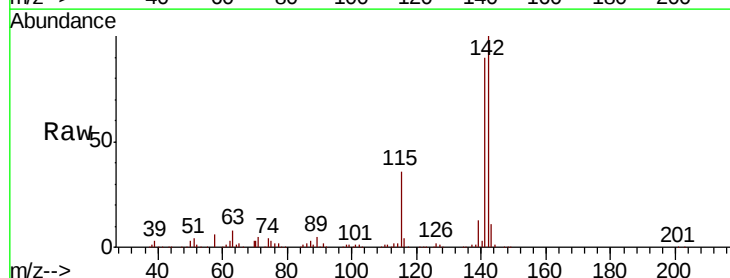
Tgt Ion:142 Resp: 399085

Ion Ratio Lower Upper

142 100

141 90.2 74.2 111.4

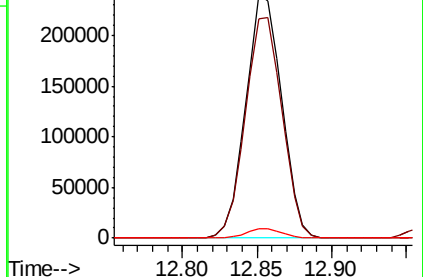
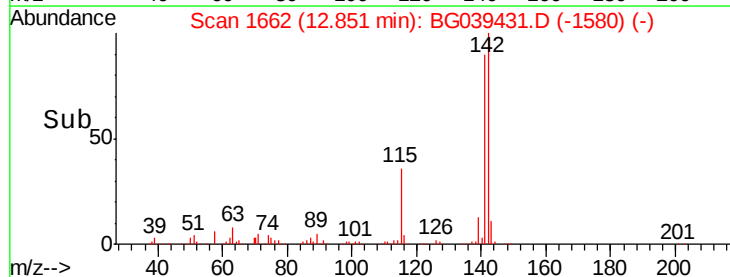
116 3.9 3.0 4.6

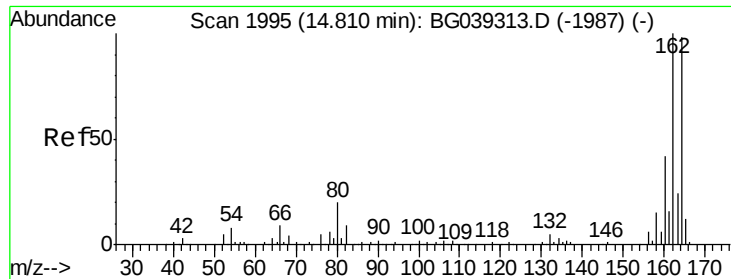


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG039431.D

Acq: 11 Feb 2019 12:58

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

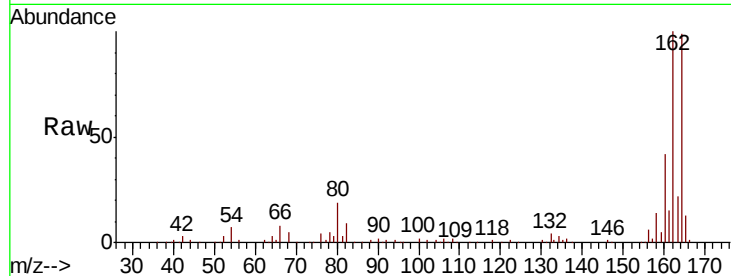
Tot Ion:164 Resp: 198746

Ion Ratio Lower Upper

164 100

162 100.9 81.6 122.4

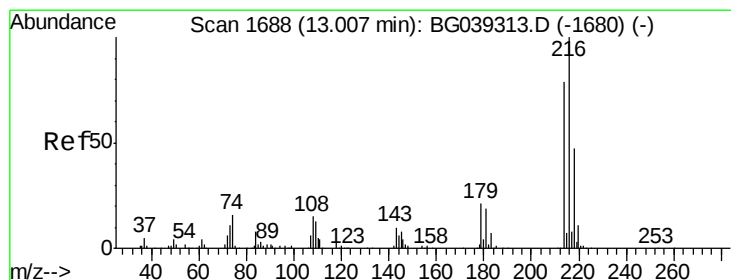
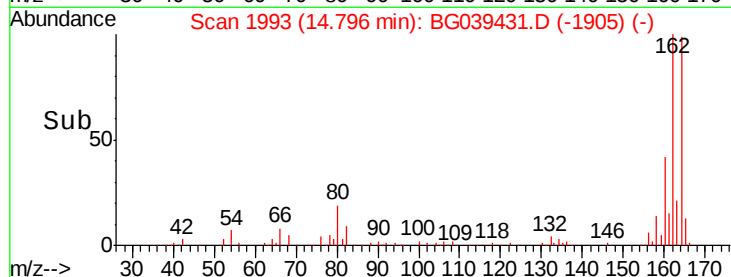
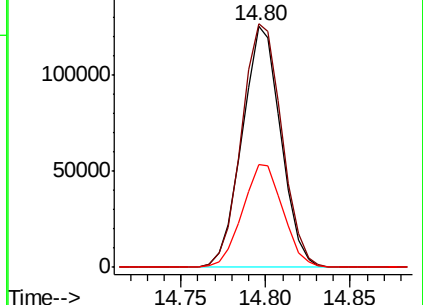
160 42.4 34.2 51.2



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: 39.766 ng

RT: 12.99 min Scan# 1686

Delta R.T. -0.01 min

Lab File: BG039431.D

Acq: 11 Feb 2019 12:58

Tgt Ion:216 Resp: 251461

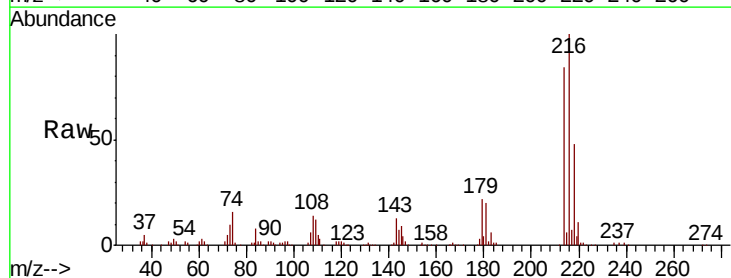
Ion Ratio Lower Upper

216 100

214 79.9 62.6 94.0

179 20.9 16.6 25.0

108 16.7 14.0 21.0

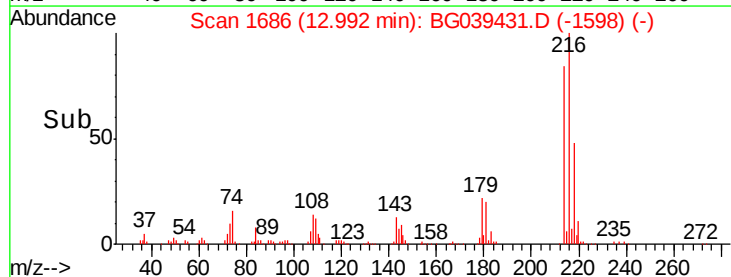
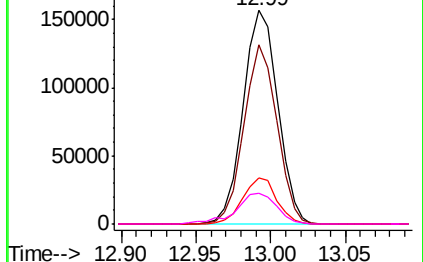


Abundance Ion 216.00 (215.70 to 216.70): E

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: 43.507 ng

RT: 12.96 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BG039431.D

Acq: 11 Feb 2019 12:58

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

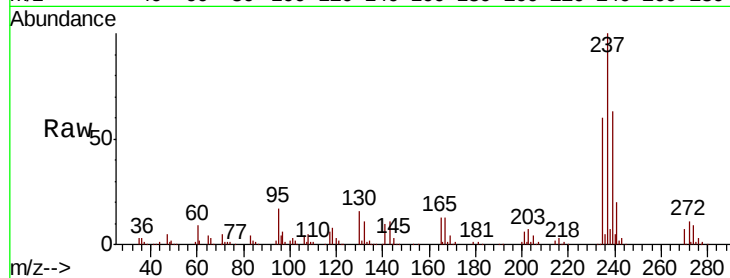
Tot Ion:237 Resp: 149914

Ion Ratio Lower Upper

237 100

235 60.1 43.3 83.3

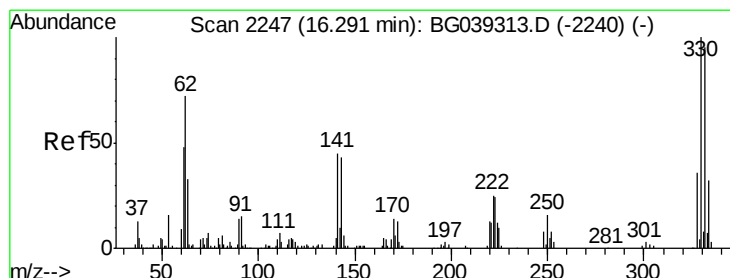
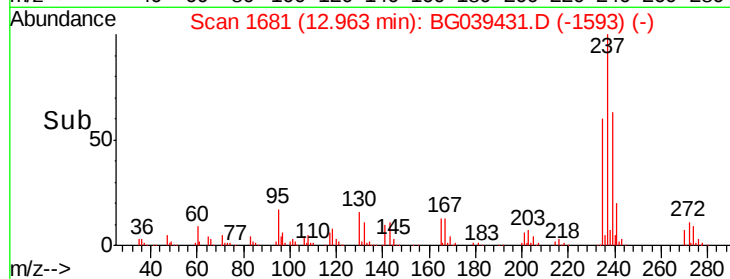
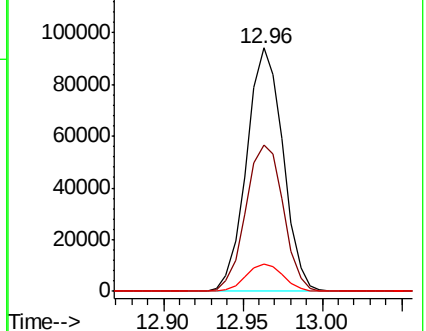
272 11.4 0.0 32.3



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: 89.959 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039431.D

Acq: 11 Feb 2019 12:58

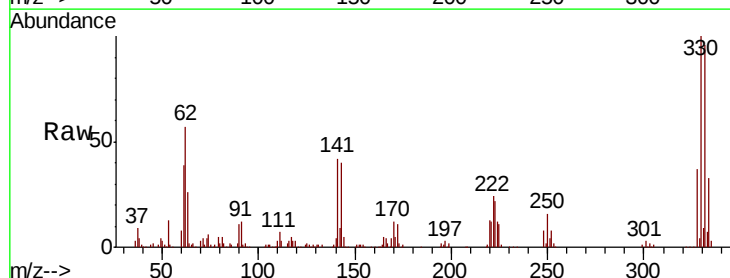
Tgt Ion:330 Resp: 192527

Ion Ratio Lower Upper

330 100

332 96.9 75.7 113.5

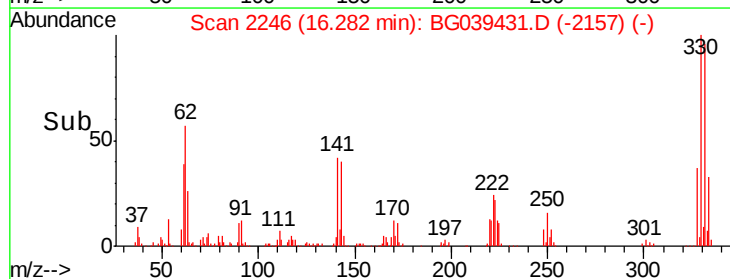
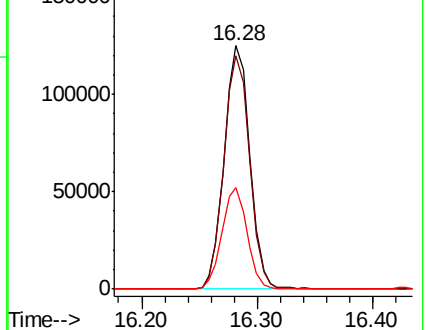
141 40.9 35.6 53.4

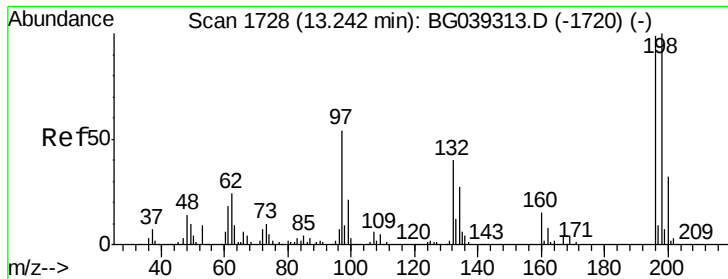


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

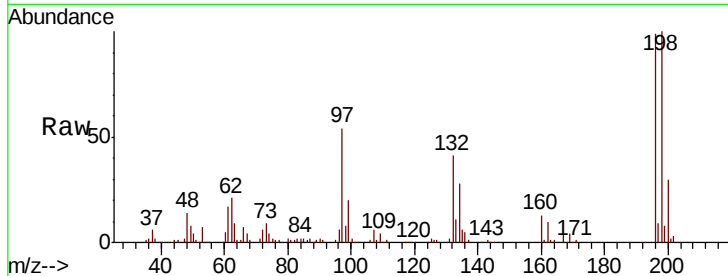




#43
 2,4,6-Trichlorophenol
 Concen: 43.509 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039431.D
 Acq: 11 Feb 2019 12:58

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	100.7	80.6	121.0
200	30.7	26.1	39.1

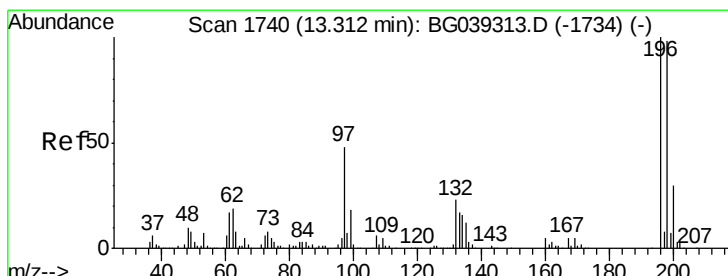
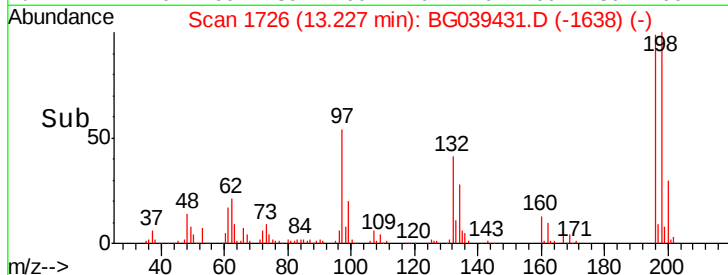
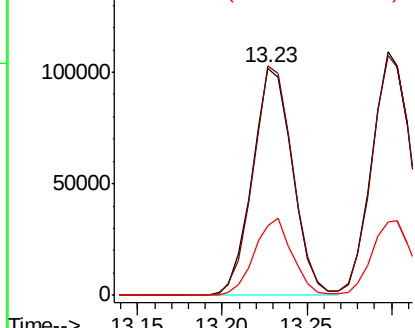


Abundance

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: 43.201 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG039431.D
 Acq: 11 Feb 2019 12:58

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.7	78.5	117.7
97	47.8	38.4	57.6
132	26.0	19.2	28.8

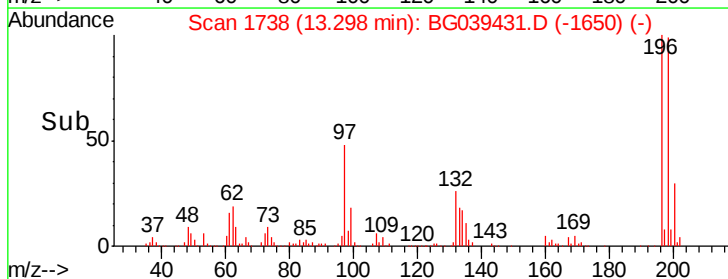
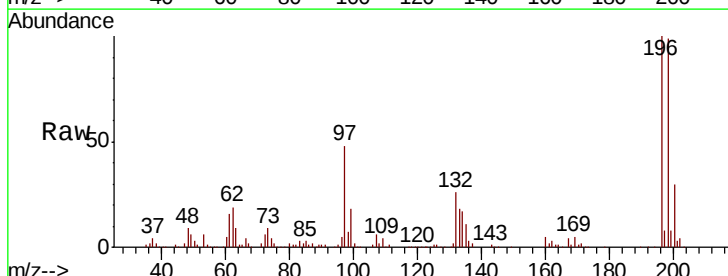
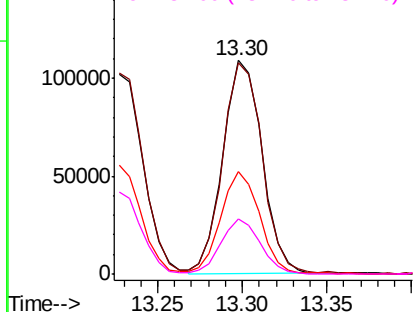
Abundance

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



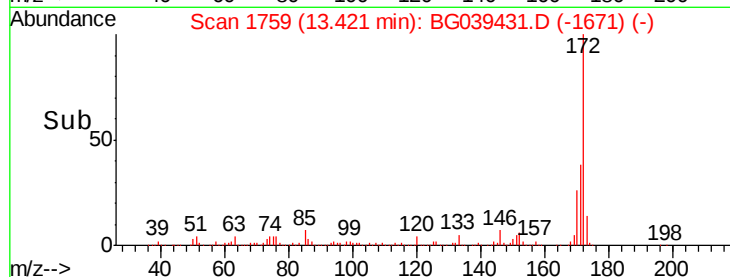
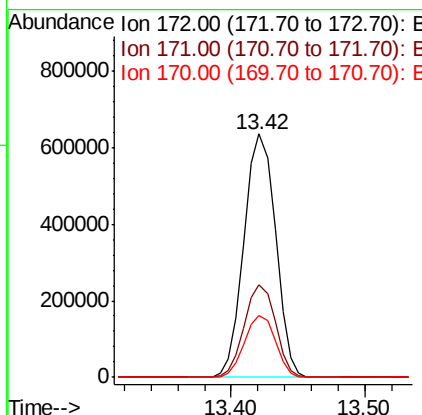
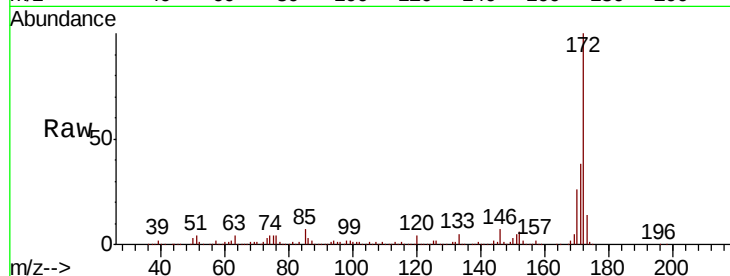


#45
 2-Fluorobiphenyl
 Concen: 75.001 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG039431.D
 Acq: 11 Feb 2019 12:58

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:172 Resp: 1039079

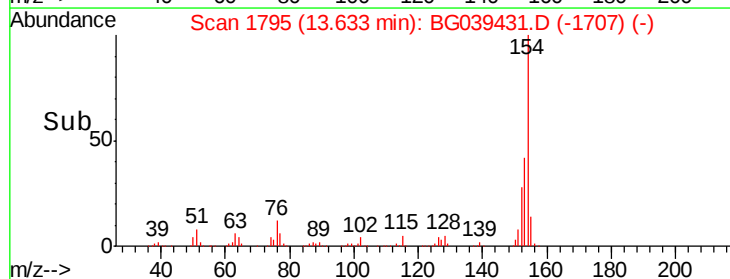
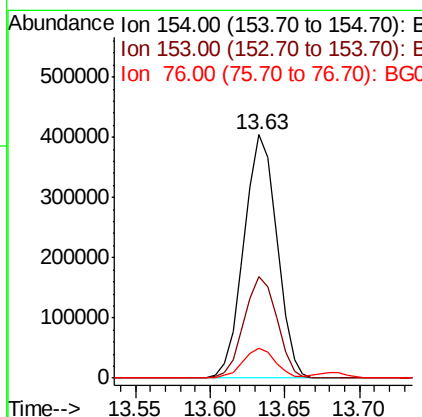
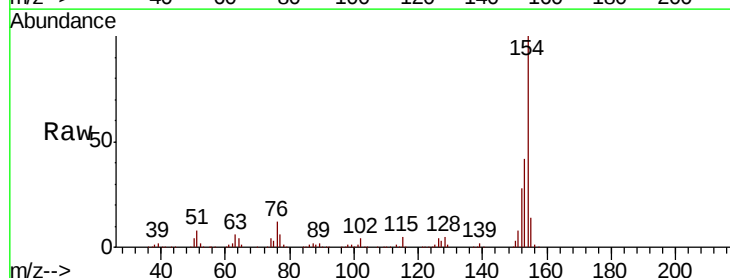
Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.8	46.2
170	25.7	20.2	30.4

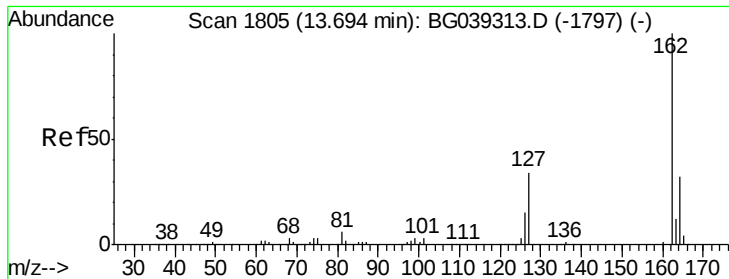


#46
 1,1'-Biphenyl
 Concen: 37.407 ng
 RT: 13.63 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG039431.D
 Acq: 11 Feb 2019 12:58

Tgt Ion:154 Resp: 618561

Ion	Ratio	Lower	Upper
154	100		
153	41.7	22.1	62.1
76	12.2	0.0	32.4

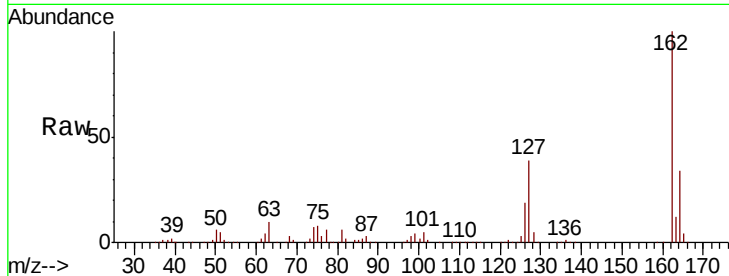




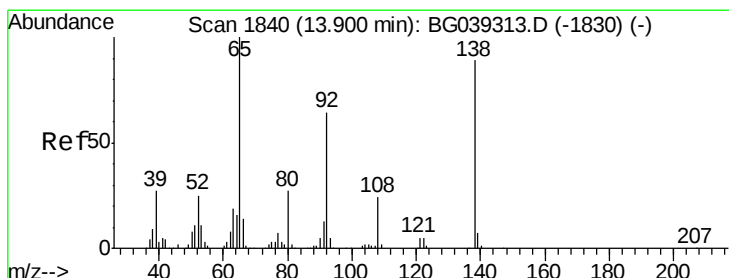
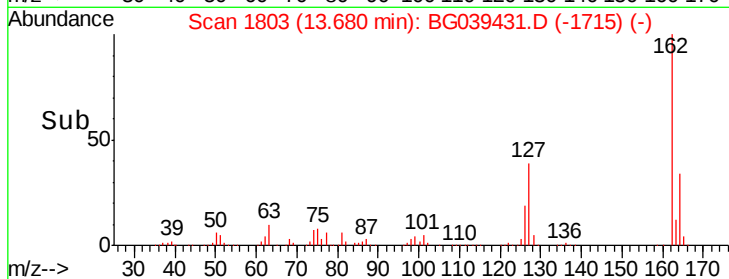
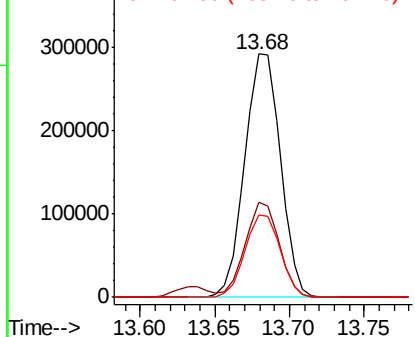
#47
 2-Chloronaphthalene
 Concen: 38.859 ng
 RT: 13.68 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BG039431.D
 Acq: 11 Feb 2019 12:58

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.9	31.0	46.6
164	33.8	25.7	38.5

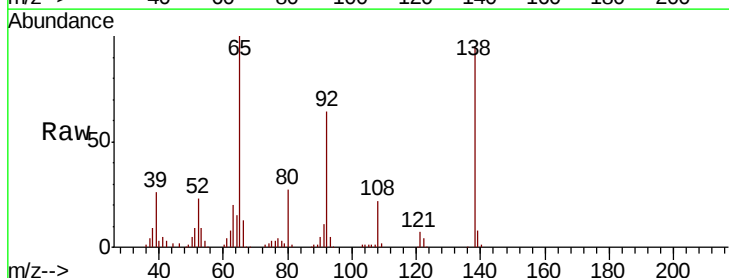


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

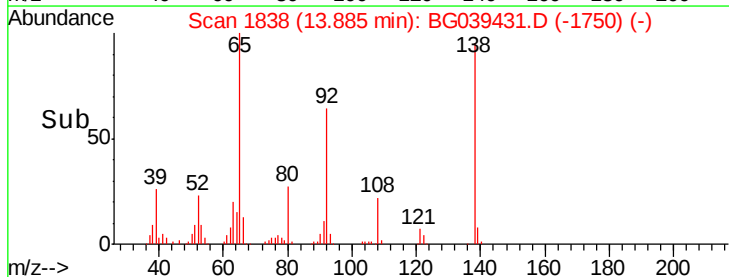
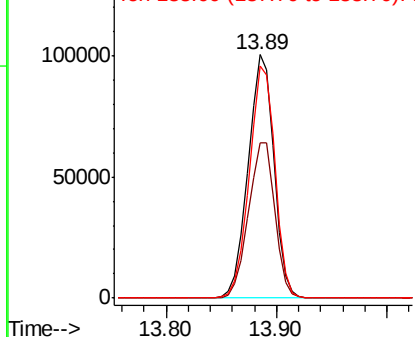


#48
 2-Nitroaniline
 Concen: 46.545 ng
 RT: 13.89 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BG039431.D
 Acq: 11 Feb 2019 12:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.9	51.4	77.2
138	95.2	71.4	107.2



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





#49

Acenaphthylene

Concen: 38.158 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG039431.D

Acq: 11 Feb 2019 12:58

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

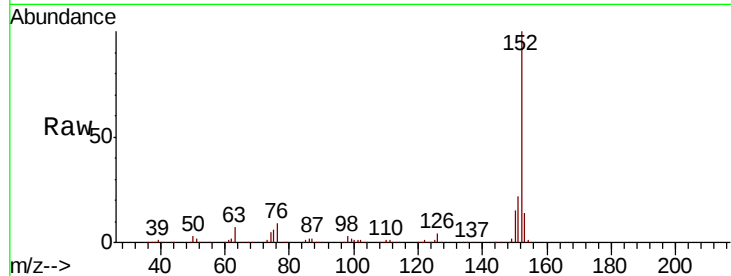
Tot Ion:152 Resp: 716254

Ion Ratio Lower Upper

152 100

151 21.8 16.8 25.2

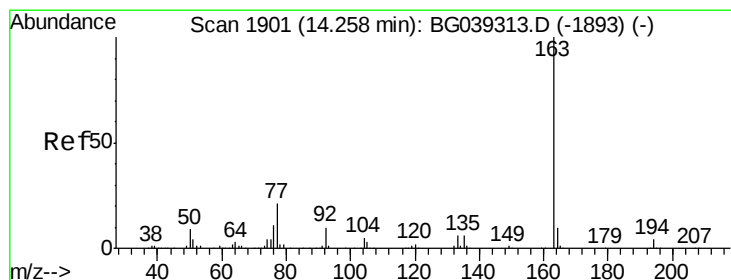
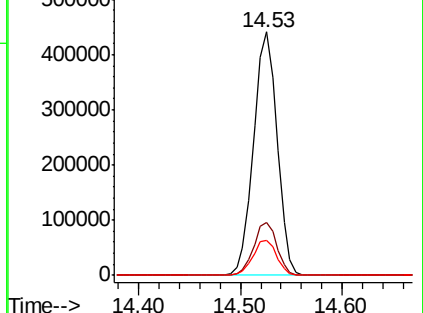
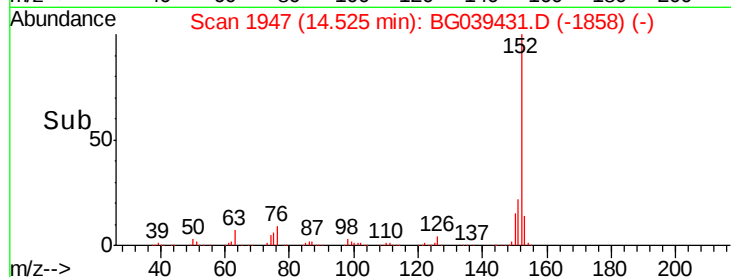
153 14.1 11.7 17.5



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: 39.506 ng

RT: 14.24 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG039431.D

Acq: 11 Feb 2019 12:58

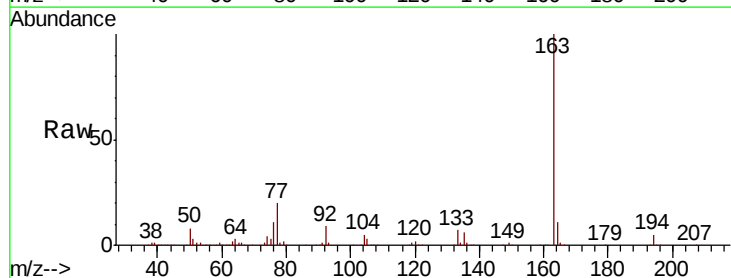
Tgt Ion:163 Resp: 634126

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

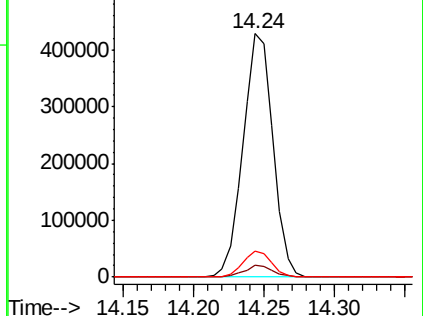
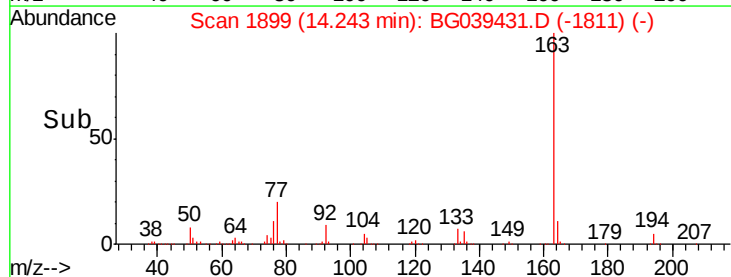
164 10.7 8.4 12.6

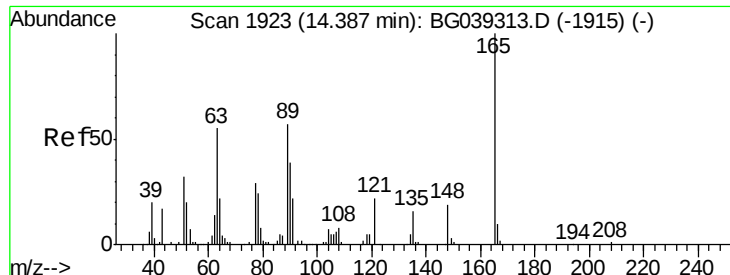


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

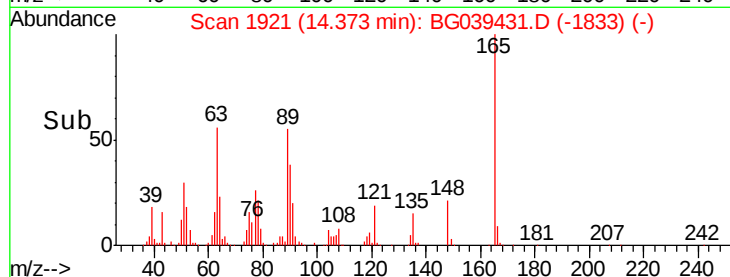
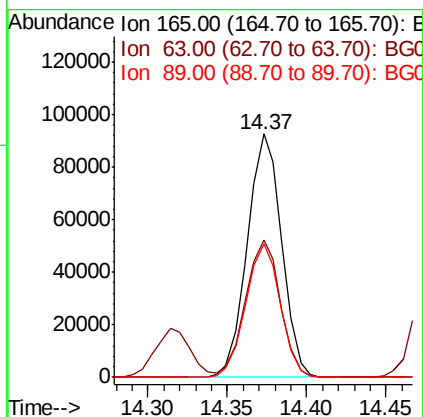
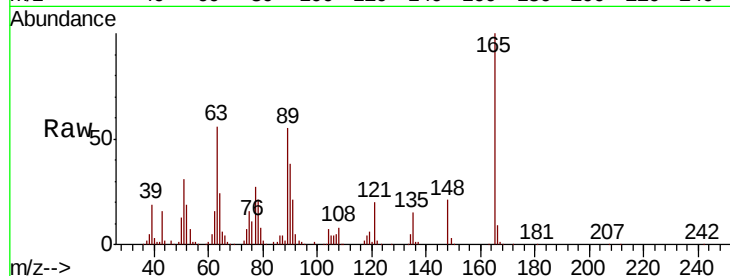




#51
 2,6-Dinitrotoluene
 Concen: 46.668 ng
 RT: 14.37 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BG039431.D
 Acq: 11 Feb 2019 12:58

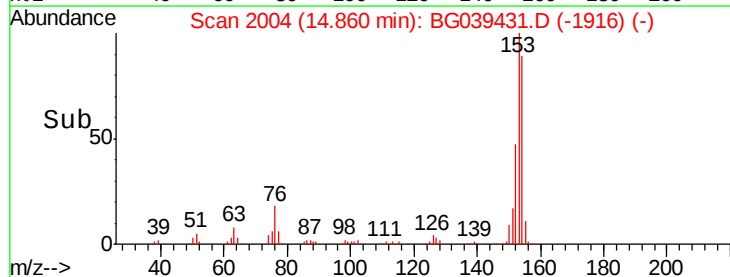
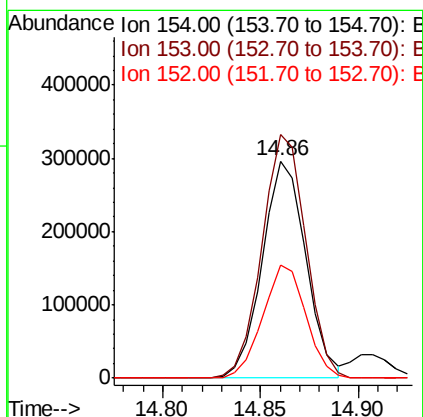
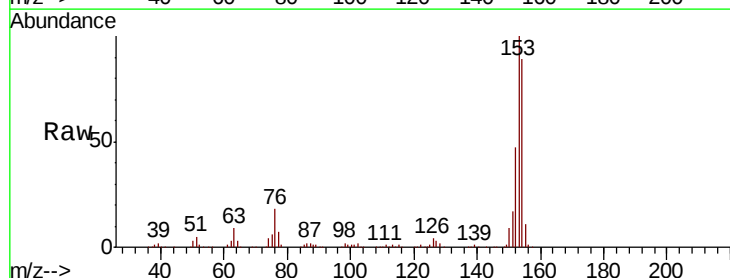
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:165 Resp: 139371
 Ion Ratio Lower Upper
 165 100
 63 56.2 47.0 70.6
 89 54.9 45.8 68.8



#52
 Acenaphthene
 Concen: 37.608 ng
 RT: 14.86 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BG039431.D
 Acq: 11 Feb 2019 12:58

Tgt Ion:154 Resp: 458227
 Ion Ratio Lower Upper
 154 100
 153 112.2 90.1 135.1
 152 52.3 40.9 61.3

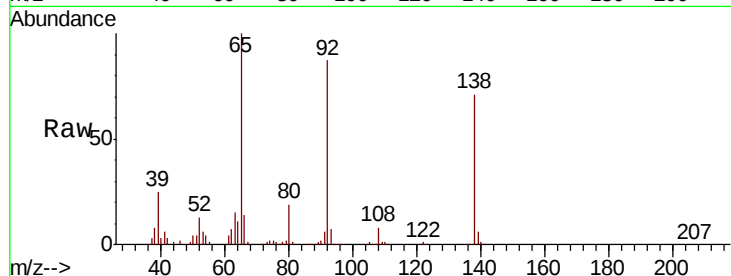




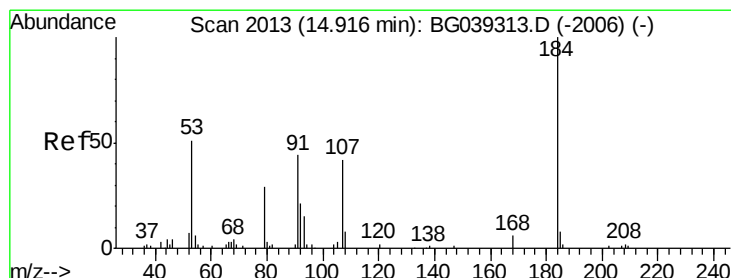
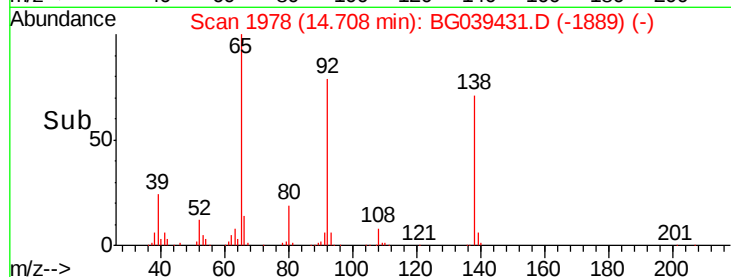
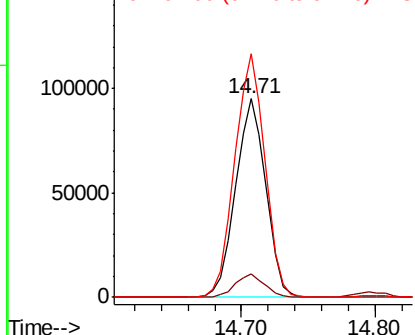
#53
3-Nitroaniline
Concen: 46.190 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG039431.D
Acq: 11 Feb 2019 12:58

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 148713
Ion Ratio Lower Upper
138 100
108 12.0 13.8 20.8#
92 122.8 103.7 155.5

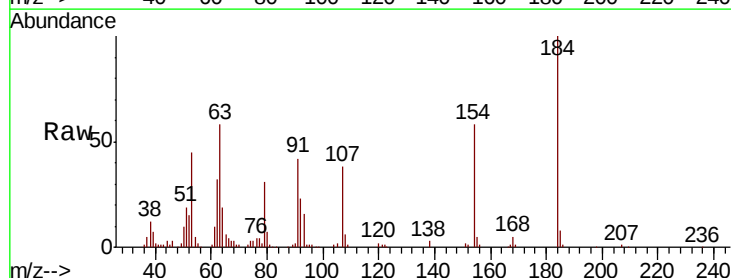


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

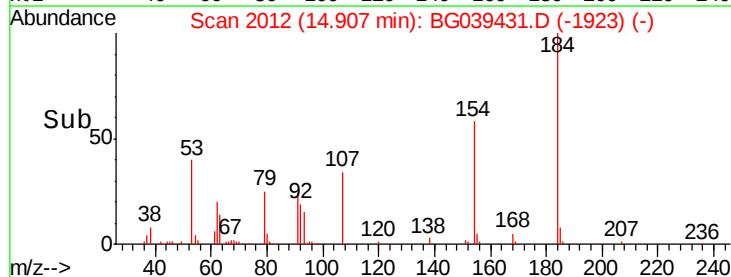
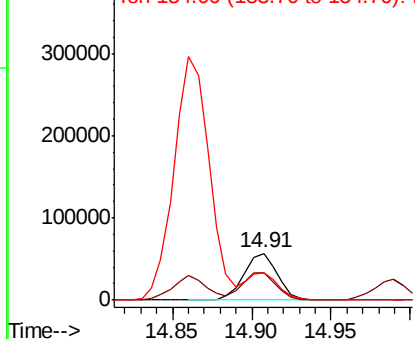


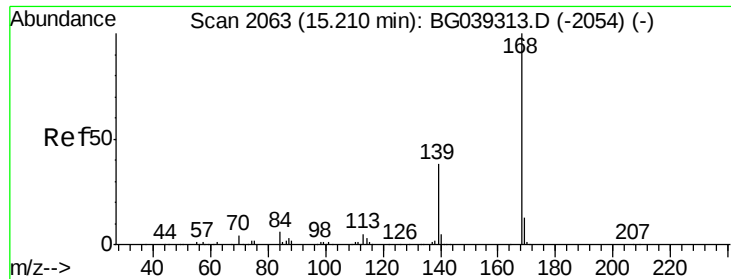
#54
2,4-Dinitrophenol
Concen: 68.252 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG039431.D
Acq: 11 Feb 2019 12:58

Tgt Ion:184 Resp: 84004
Ion Ratio Lower Upper
184 100
63 58.1 50.9 76.3
154 57.6 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

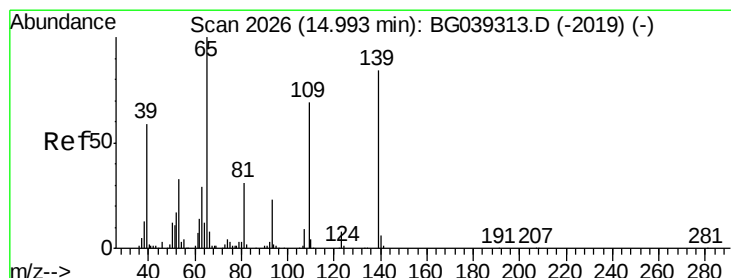
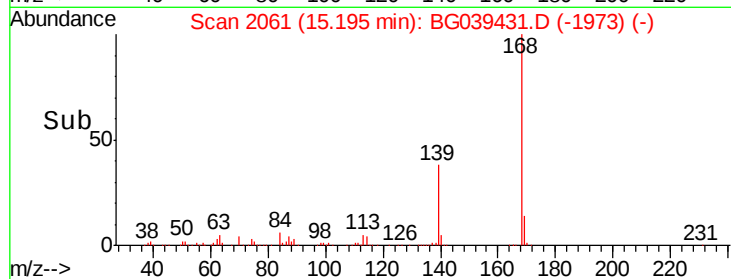
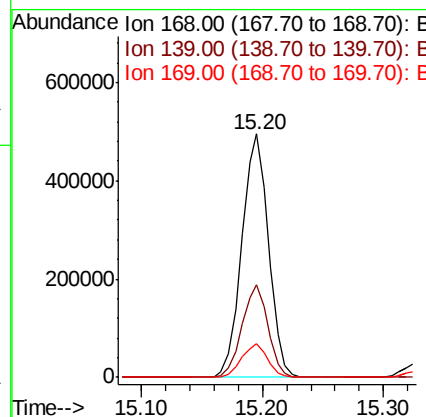
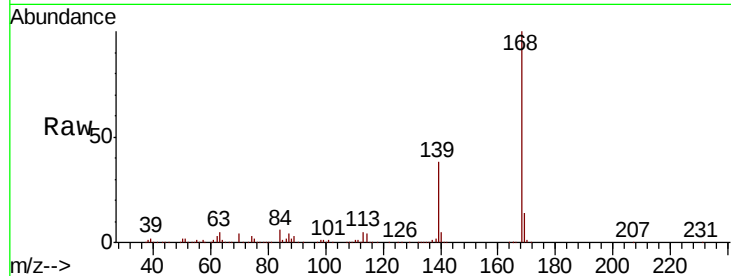




#55
Dibenzofuran
Concen: 38.788 ng
RT: 15.20 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BG039431.D
Acq: 11 Feb 2019 12:58

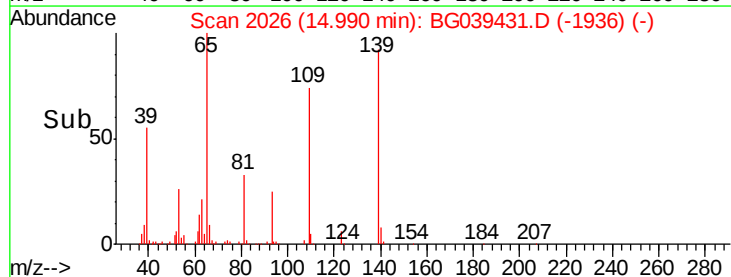
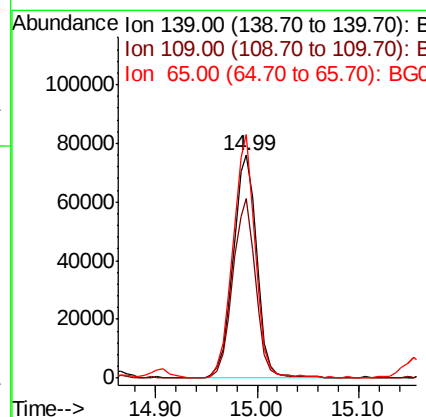
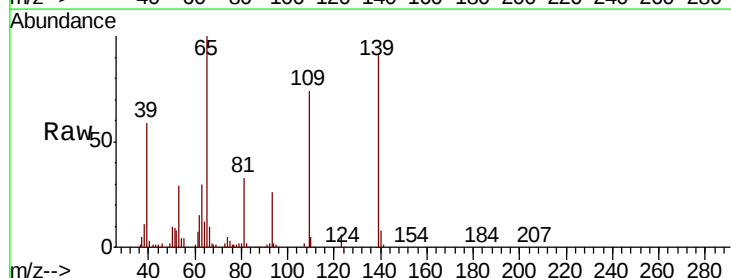
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 757752
Ion Ratio Lower Upper
168 100
139 37.9 30.1 45.1
169 14.0 10.6 16.0



#56
4-Nitrophenol
Concen: 45.006 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG039431.D
Acq: 11 Feb 2019 12:58

Tgt Ion:139 Resp: 122690
Ion Ratio Lower Upper
139 100
109 80.9 61.9 101.9
65 109.4 99.1 139.1

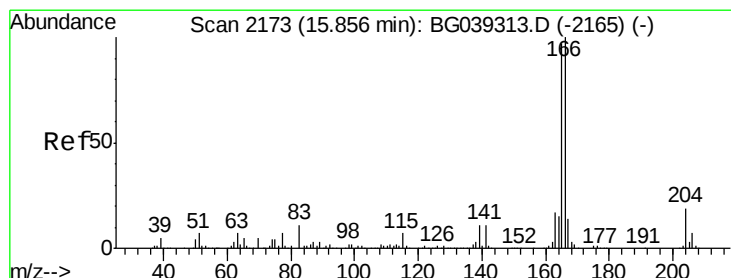
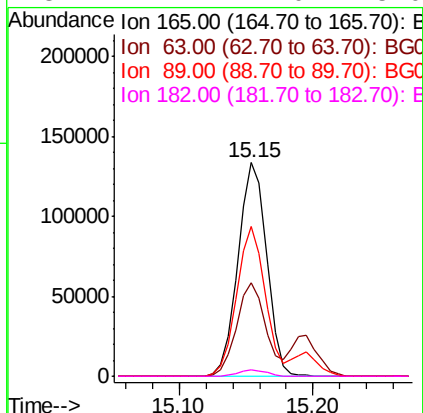
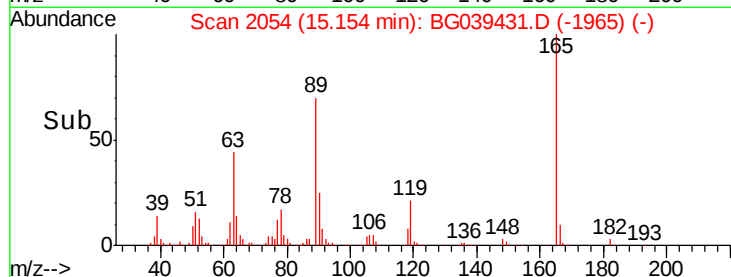
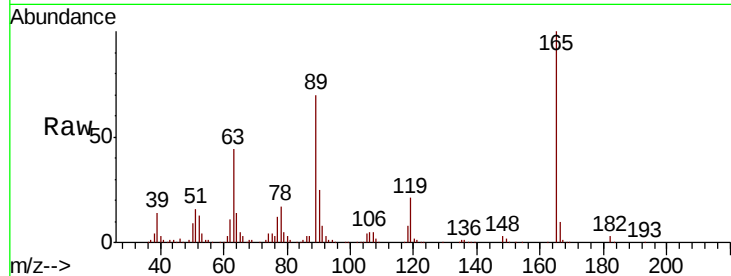




#57
2,4-Dinitrotoluene
Concen: 50.864 ng
RT: 15.15 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG039431.D
Acq: 11 Feb 2019 12:58

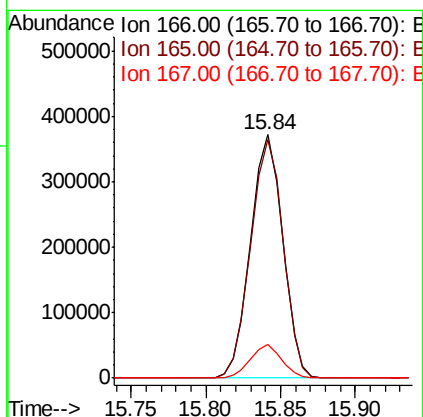
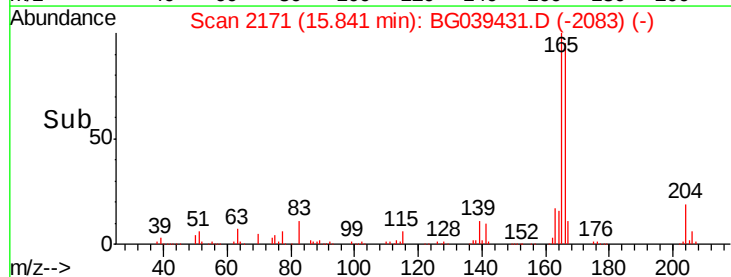
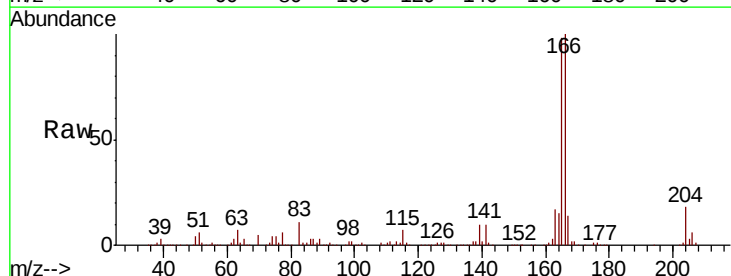
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:165 Resp: 197600
Ion Ratio Lower Upper
165 100
63 43.7 41.0 61.6
89 70.1 64.6 96.8
182 2.7 2.0 3.0



#58
Fluorene
Concen: 38.217 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG039431.D
Acq: 11 Feb 2019 12:58

Tgt Ion:166 Resp: 556561
Ion Ratio Lower Upper
166 100
165 98.1 77.9 116.9
167 13.8 10.8 16.2

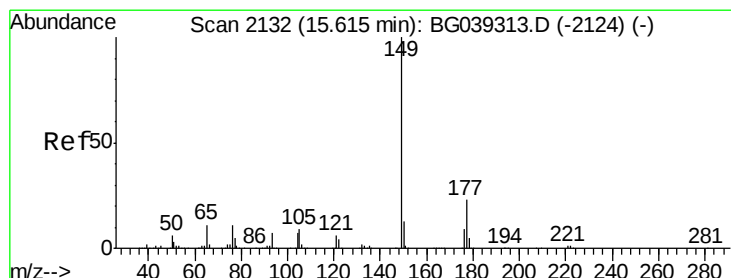
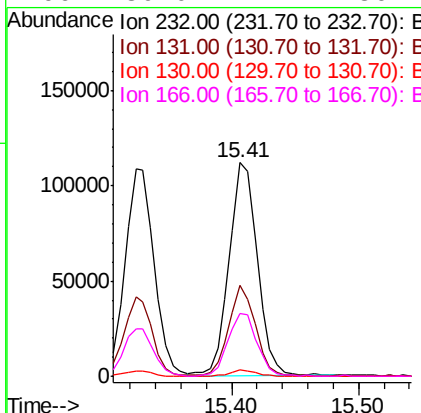
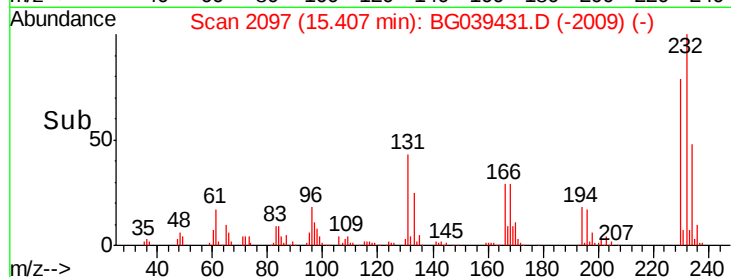
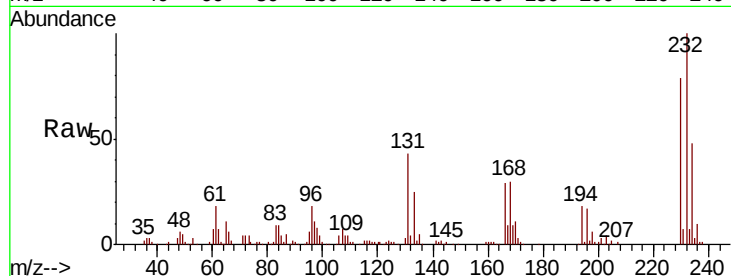




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.303 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG039431.D
 Acq: 11 Feb 2019 12:58

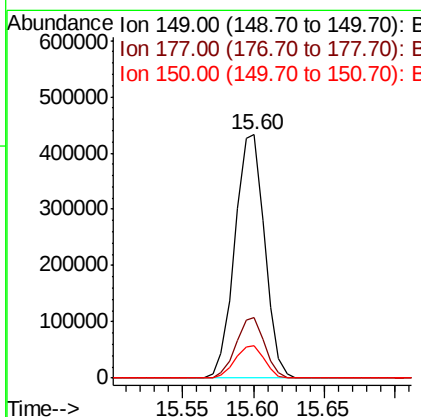
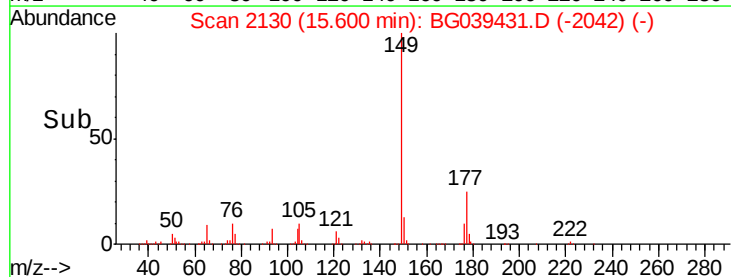
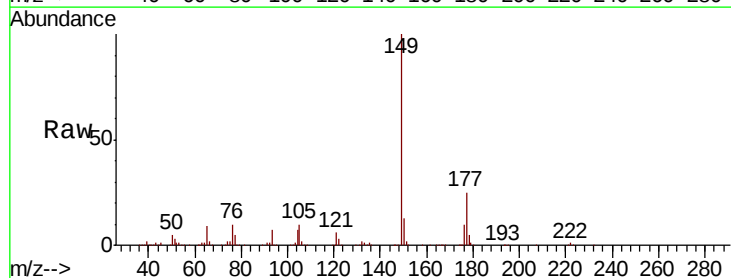
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:232	Resp:	172851
Ion Ratio	Lower	Upper
232	100	
131	40.2	34.9 52.3
130	2.6	2.0 3.0
166	30.0	24.1 36.1



#60
 Diethylphthalate
 Concen: 38.255 ng
 RT: 15.60 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BG039431.D
 Acq: 11 Feb 2019 12:58

Tgt Ion:149	Resp:	634881
Ion Ratio	Lower	Upper
149	100	
177	24.7	18.3 27.5
150	13.3	10.2 15.2

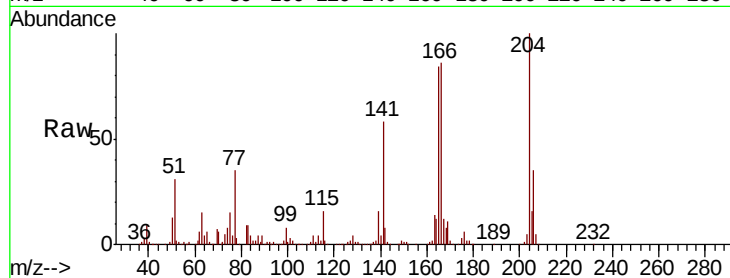




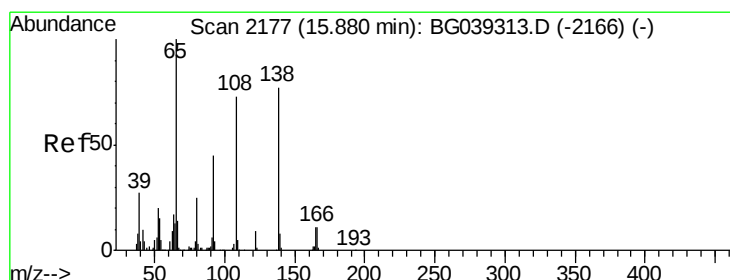
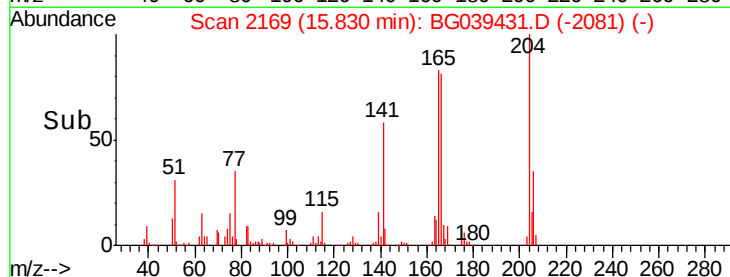
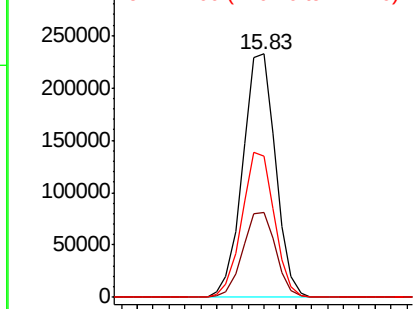
#61
4-Chlorophenyl-phenylether
Concen: 40.465 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BG039431.D
Acq: 11 Feb 2019 12:58

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 333676
Ion Ratio Lower Upper
204 100
206 35.1 29.2 43.8
141 57.9 49.0 73.4

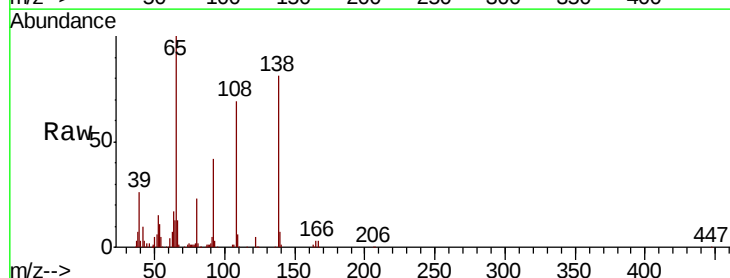


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

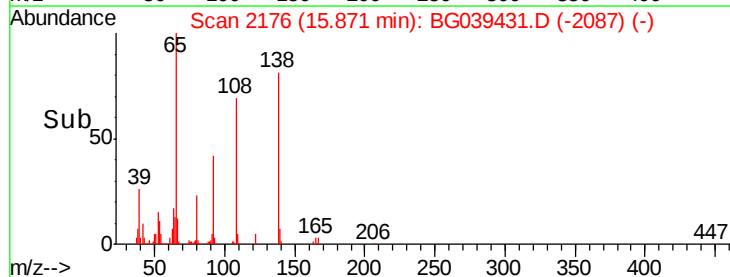
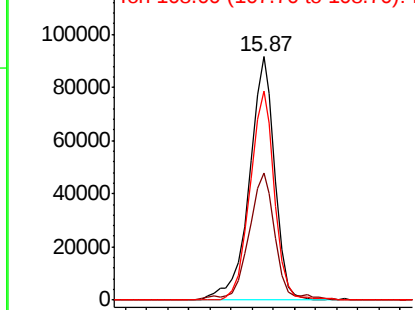


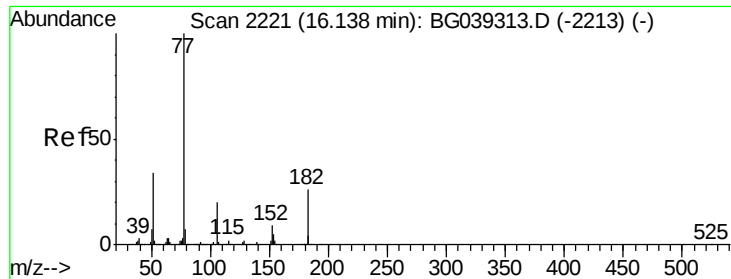
#62
4-Nitroaniline
Concen: 45.836 ng
RT: 15.87 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BG039431.D
Acq: 11 Feb 2019 12:58

Tgt Ion:138 Resp: 153585
Ion Ratio Lower Upper
138 100
92 52.3 38.7 78.7
108 85.7 74.6 114.6



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





#63

Azobenzene

Concen: 36.094 ng

RT: 16.12 min Scan# 2219

Delta R.T. -0.01 min

Lab File: BG039431.D

Acq: 11 Feb 2019 12:58

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 585486

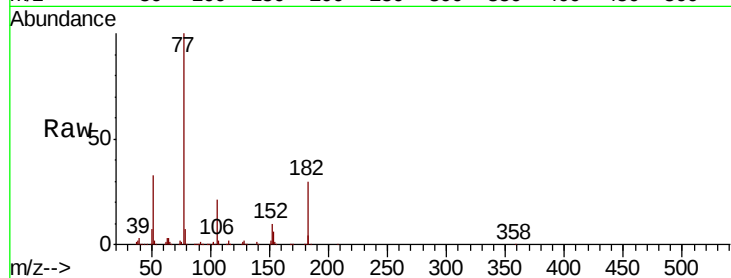
Ion Ratio Lower Upper

77 100

182 29.7 6.4 46.4

105 20.9 0.0 39.8

51 33.1 14.1 54.1

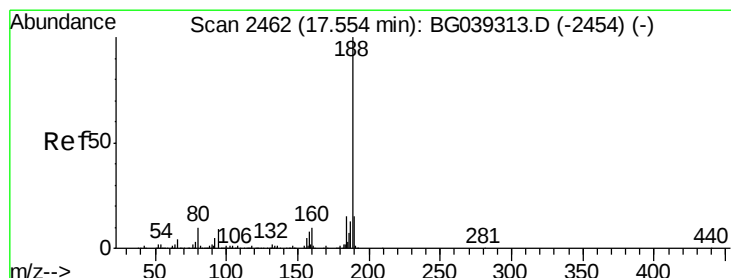
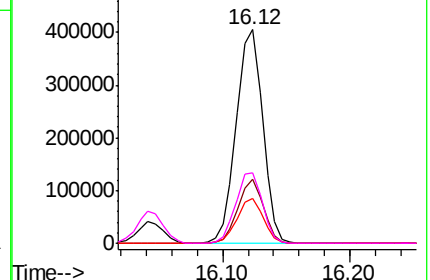
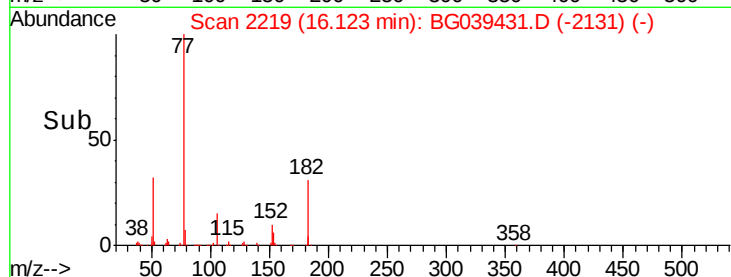


Abundance Ion 77.00 (76.70 to 77.70): BGC

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. -0.01 min

Lab File: BG039431.D

Acq: 11 Feb 2019 12:58

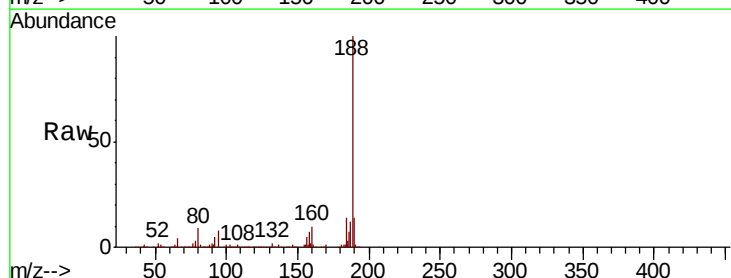
Tgt Ion: 188 Resp: 480211

Ion Ratio Lower Upper

188 100

94 8.1 6.9 10.3

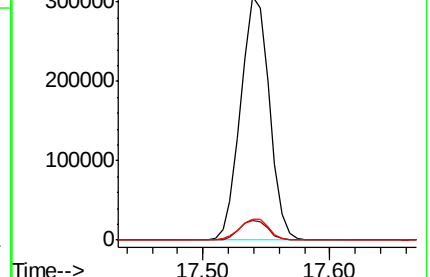
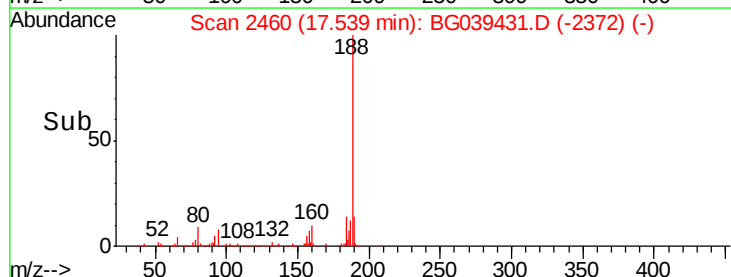
80 8.6 8.1 12.1

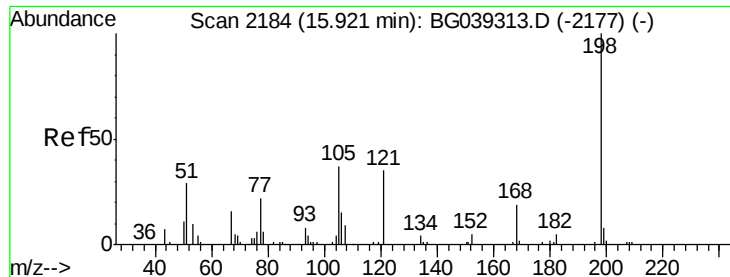


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 54.395 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039431.D

Acq: 11 Feb 2019 12:58

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

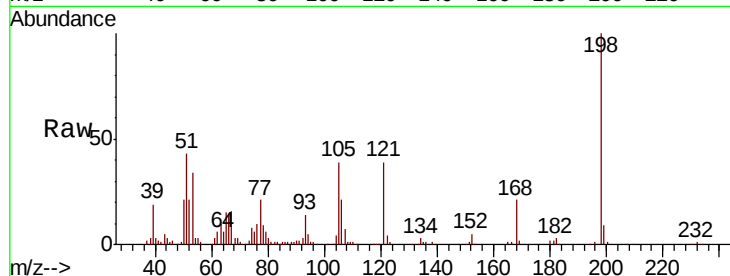
Tot Ion:198 Resp: 108417

Ion Ratio Lower Upper

198 100

51 43.0 27.4 67.4

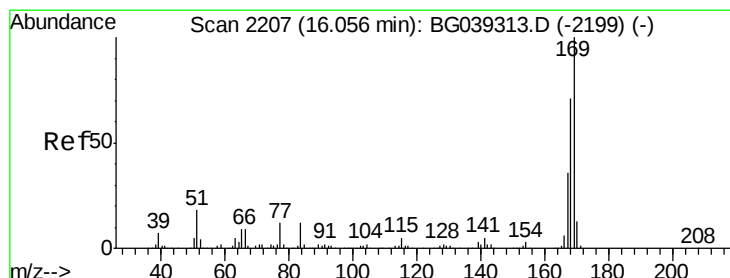
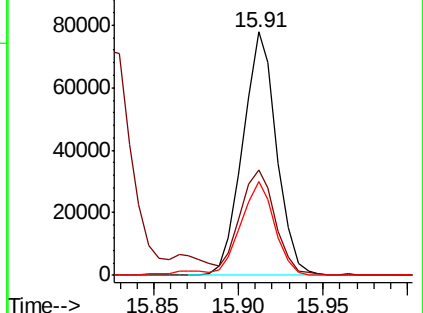
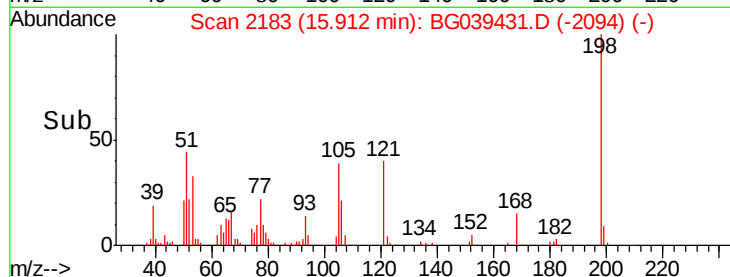
105 38.6 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.003 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG039431.D

Acq: 11 Feb 2019 12:58

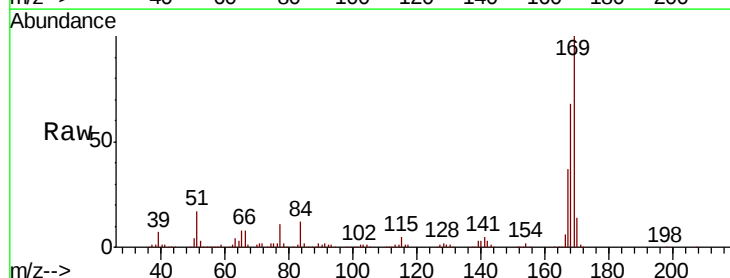
Tgt Ion:169 Resp: 554910

Ion Ratio Lower Upper

169 100

168 68.2 56.6 85.0

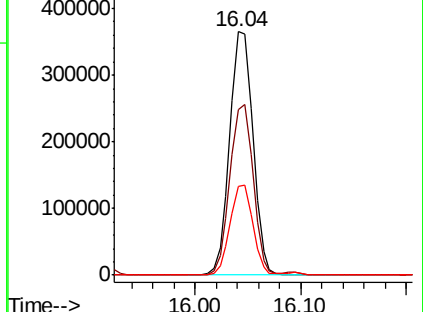
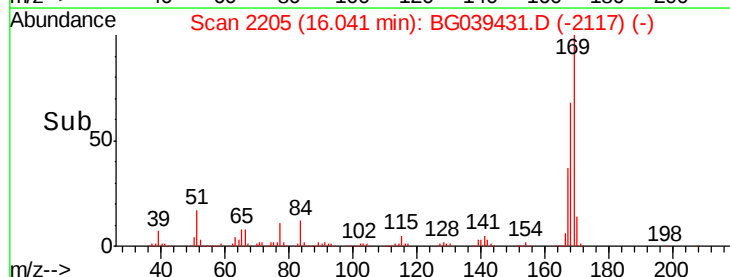
167 36.6 28.8 43.2

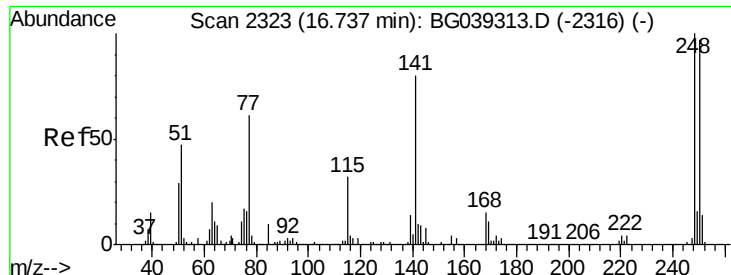


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

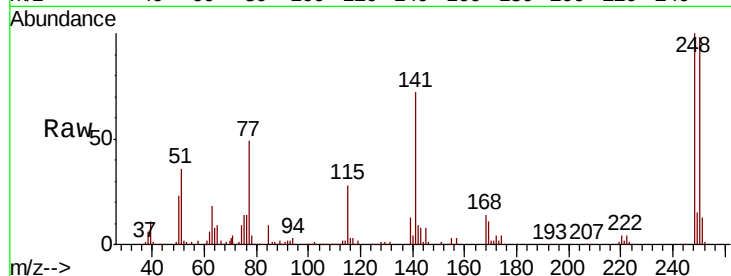




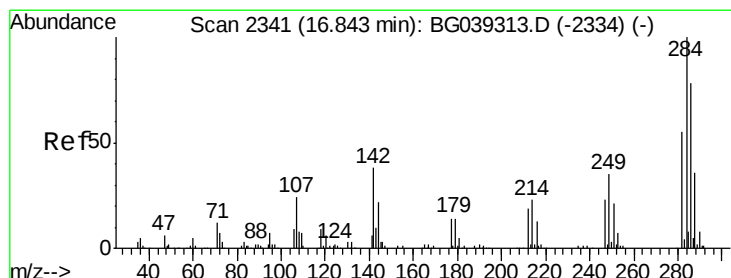
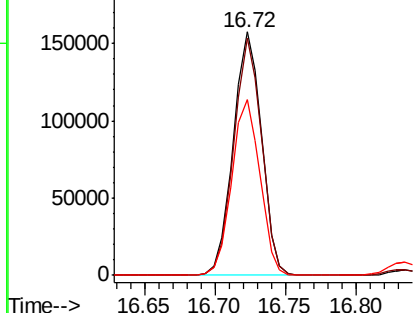
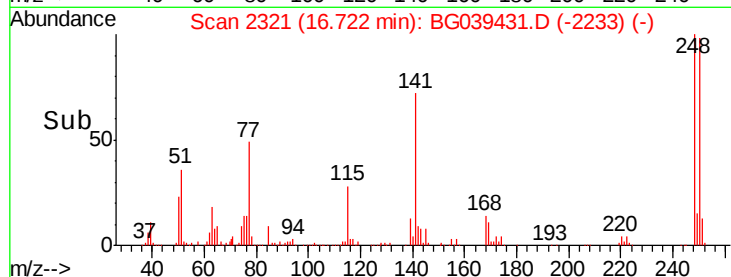
#67
4-Bromophenyl-phenylether
Concen: 41.191 ng
RT: 16.72 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BG039431.D
Acq: 11 Feb 2019 12:58

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 219443
Ion Ratio Lower Upper
248 100
250 97.6 77.6 116.4
141 72.1 63.9 95.9

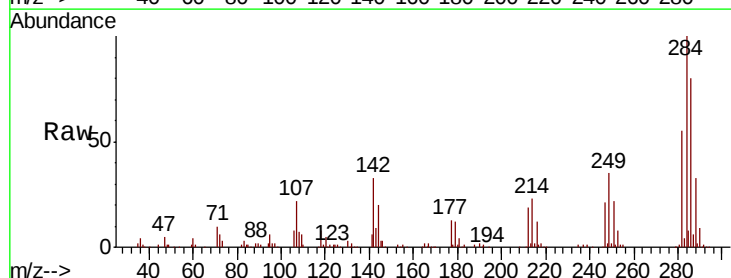


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

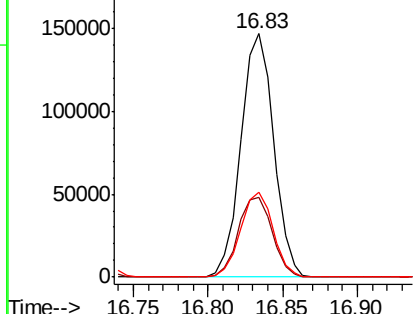
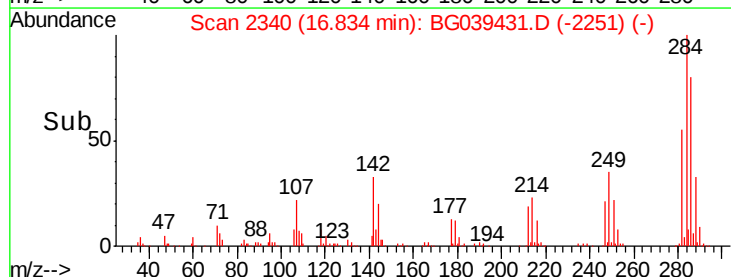


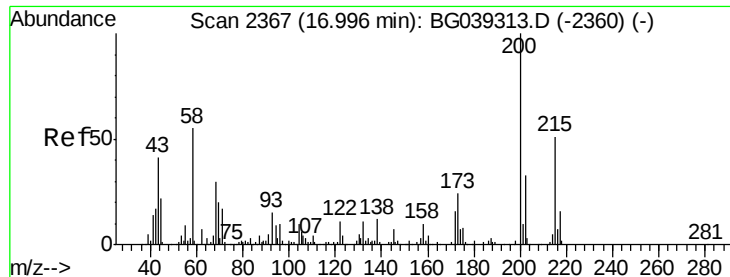
#68
Hexachlorobenzene
Concen: 41.600 ng
RT: 16.83 min Scan# 2340
Delta R.T. -0.01 min
Lab File: BG039431.D
Acq: 11 Feb 2019 12:58

Tgt Ion:284 Resp: 222352
Ion Ratio Lower Upper
284 100
142 32.7 30.6 45.8
249 35.1 28.2 42.2



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





#69

Atrazine

Concen: 37.040 ng

RT: 16.98 min Scan# 2365

Delta R.T. -0.01 min

Lab File: BG039431.D

Acq: 11 Feb 2019 12:58

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

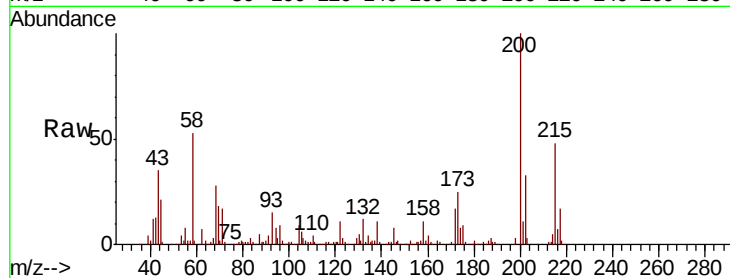
Tot Ion:200 Resp: 197645

Ion Ratio Lower Upper

200 100

173 25.4 3.9 43.9

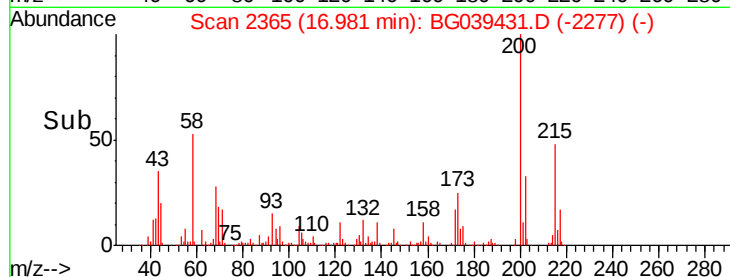
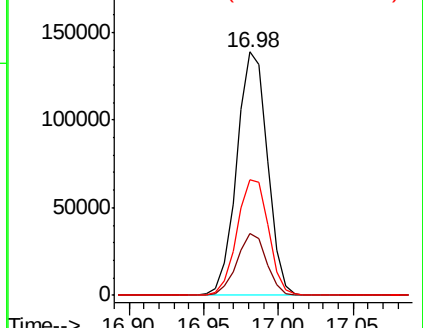
215 47.7 30.9 70.9



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: 43.037 ng

RT: 17.17 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BG039431.D

Acq: 11 Feb 2019 12:58

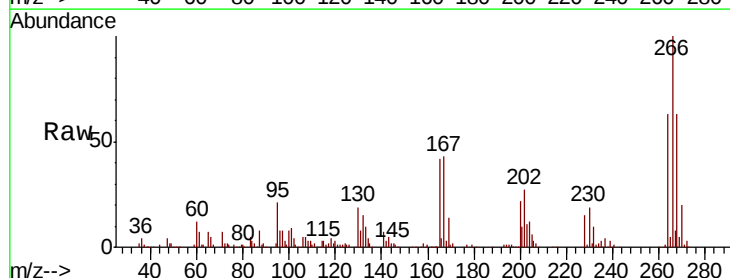
Tgt Ion:266 Resp: 159876

Ion Ratio Lower Upper

266 100

268 62.8 51.1 76.7

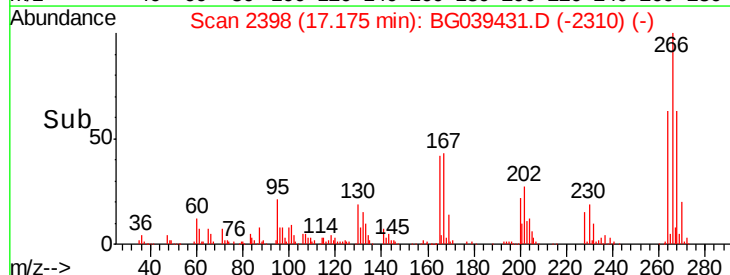
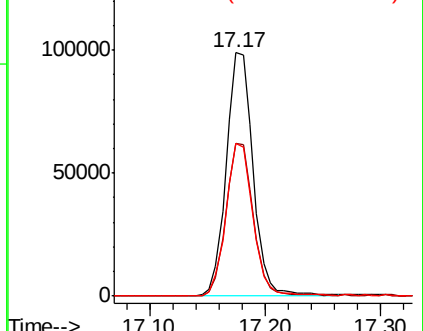
264 62.8 52.1 78.1



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

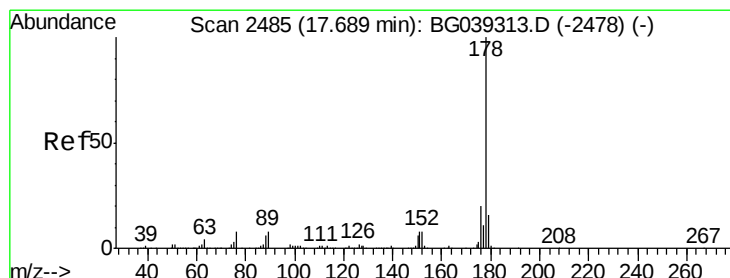
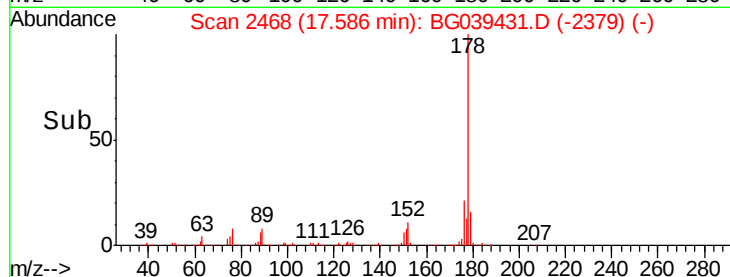
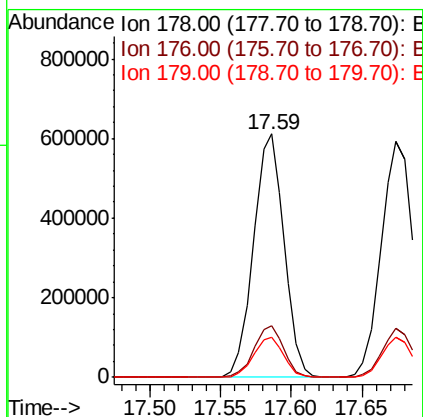
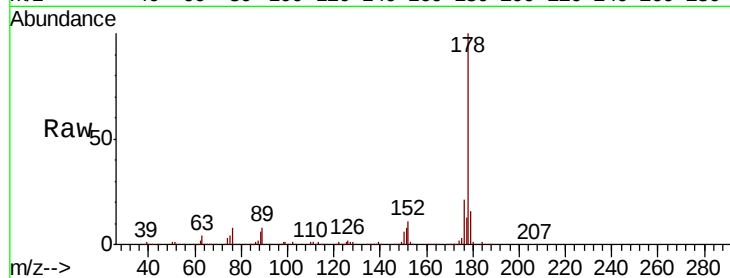




#71
Phenanthrene
Concen: 37.489 ng
RT: 17.59 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BG039431.D
Acq: 11 Feb 2019 12:58

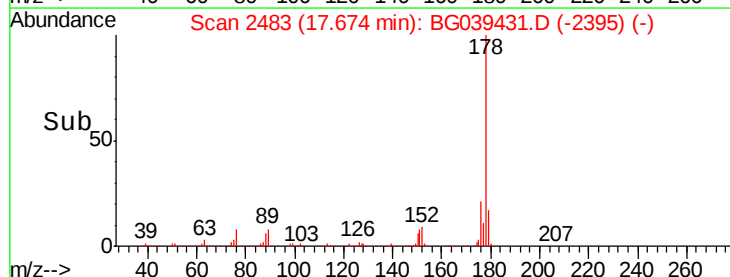
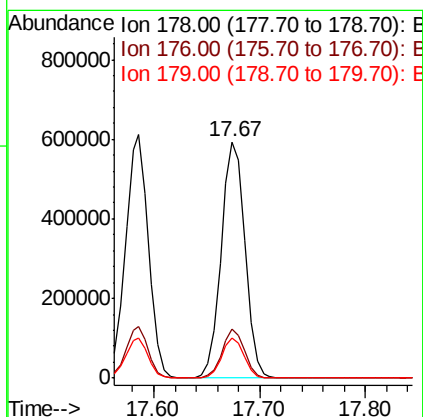
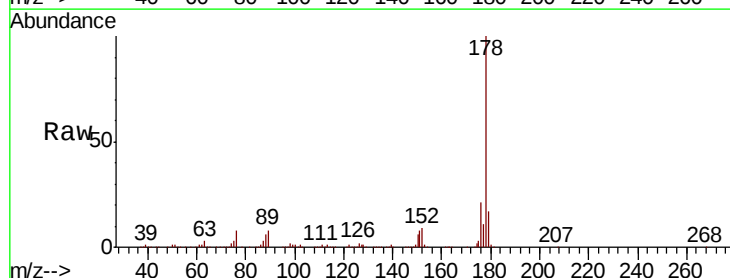
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 931770
Ion Ratio Lower Upper
178 100
176 21.2 16.2 24.4
179 16.3 12.6 19.0



#72
Anthracene
Concen: 37.819 ng
RT: 17.67 min Scan# 2483
Delta R.T. -0.01 min
Lab File: BG039431.D
Acq: 11 Feb 2019 12:58

Tgt Ion:178 Resp: 925871
Ion Ratio Lower Upper
178 100
176 20.8 15.8 23.6
179 17.1 12.5 18.7

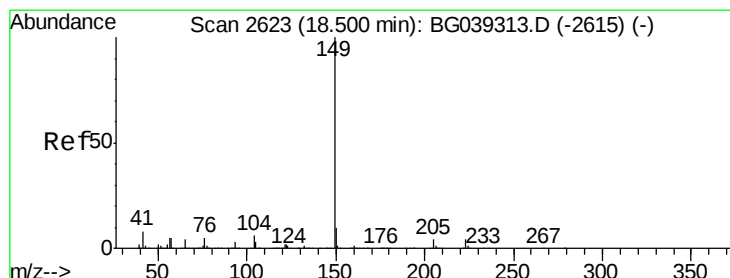
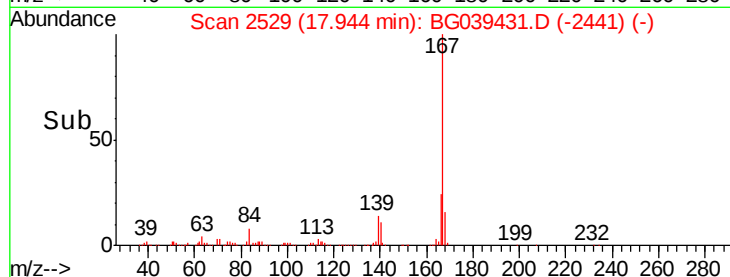
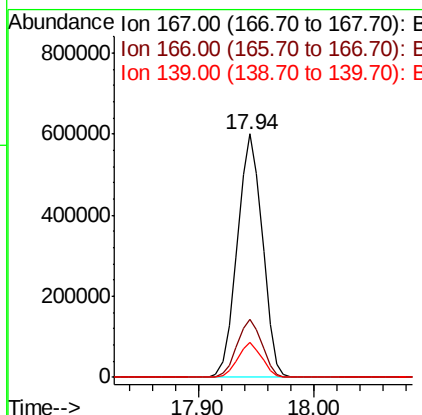
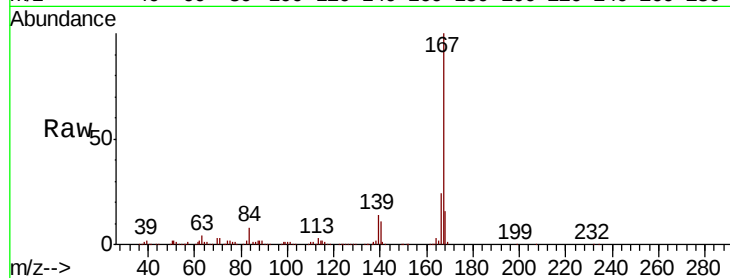




#73
 Carbazole
 Concen: 37.084 ng
 RT: 17.94 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BG039431.D
 Acq: 11 Feb 2019 12:58

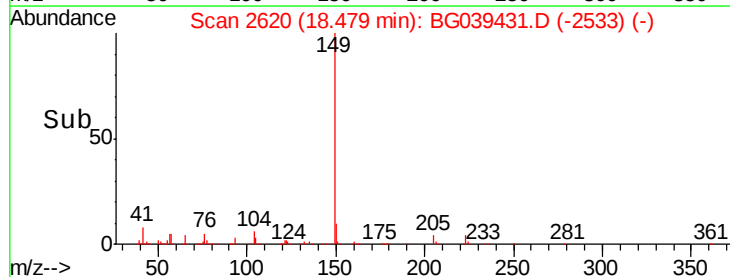
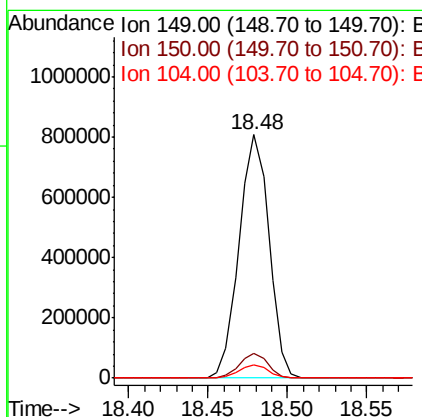
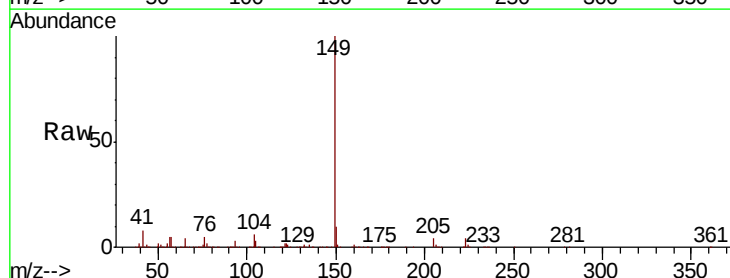
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.9	19.4	29.2
139	14.2	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 37.165 ng
 RT: 18.48 min Scan# 2620
 Delta R.T. -0.02 min
 Lab File: BG039431.D
 Acq: 11 Feb 2019 12:58

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.7	11.5
104	5.6	4.5	6.7





#75

Fluoranthene

Concen: 37.520 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BG039431.D

Acq: 11 Feb 2019 12:58

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

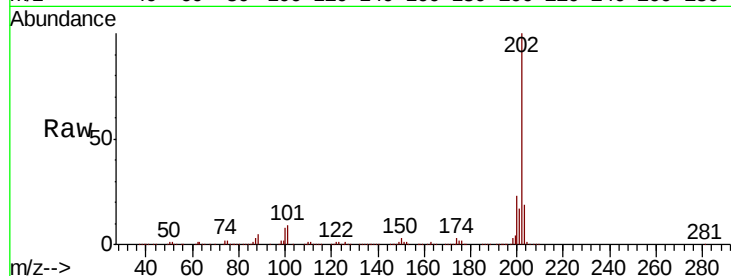
Tot Ion:202 Resp: 1082390

Ion Ratio Lower Upper

202 100

101 9.5 0.0 30.0

203 19.3 0.0 38.9

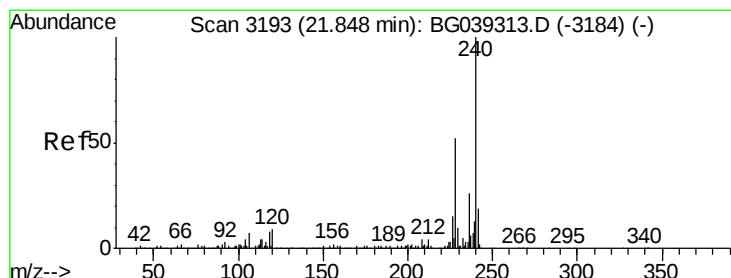
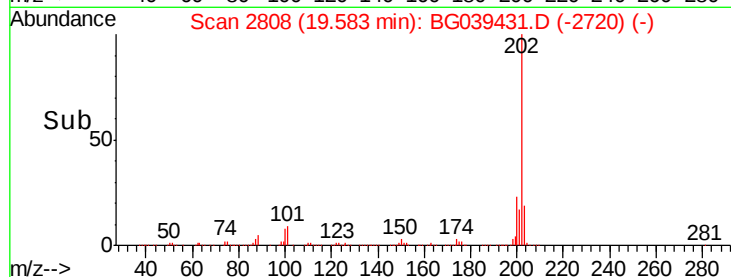
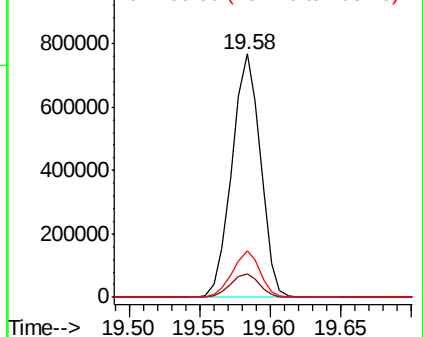


Abundance

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. -0.01 min

Lab File: BG039431.D

Acq: 11 Feb 2019 12:58

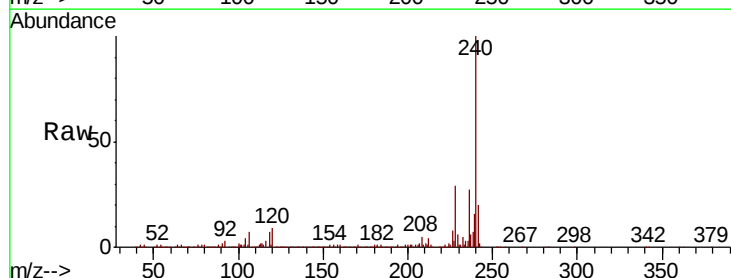
Tgt Ion:240 Resp: 462726

Ion Ratio Lower Upper

240 100

120 8.8 7.0 10.6

236 26.8 21.0 31.4

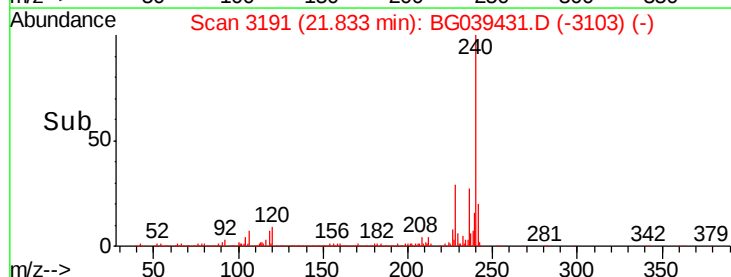
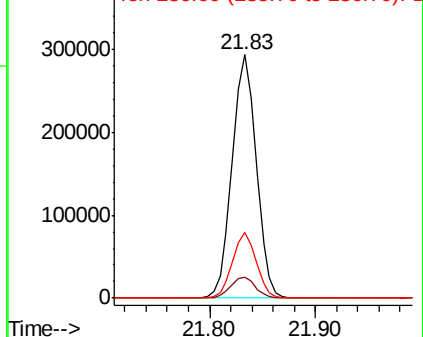


Abundance

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: 38.587 ng

RT: 19.77 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BG039431.D

Acq: 11 Feb 2019 12:58

Instrument :

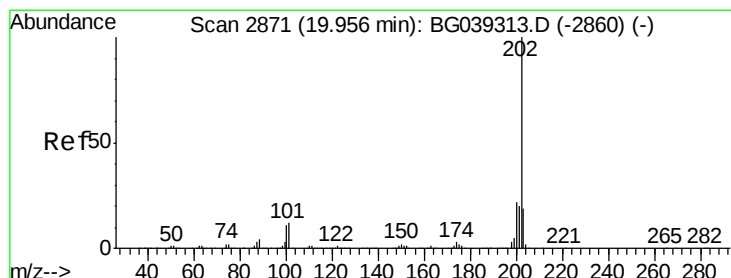
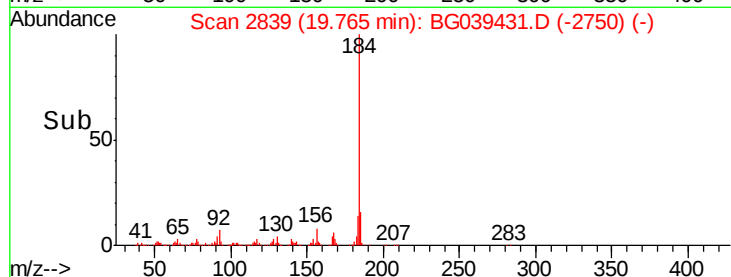
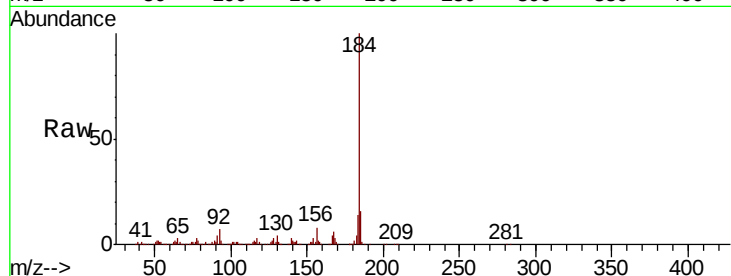
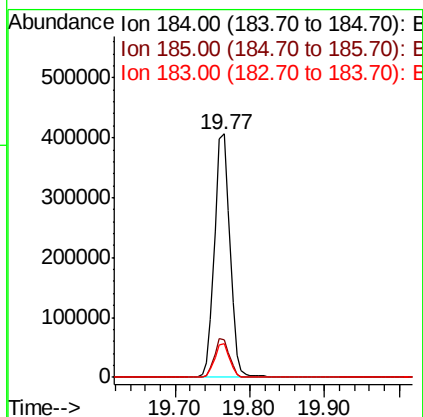
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 585401

Ion	Ratio	Lower	Upper
184	100		
185	15.6	12.2	18.2
183	13.6	10.6	15.8



#78

Pyrene

Concen: 38.602 ng

RT: 19.95 min Scan# 2870

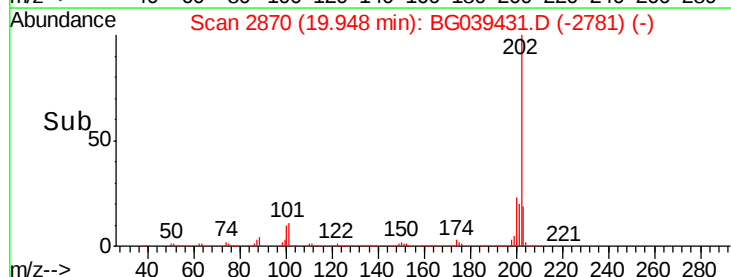
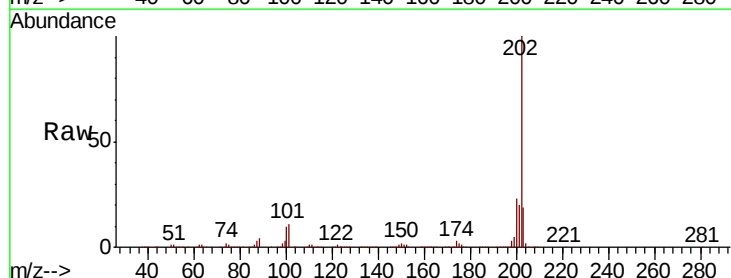
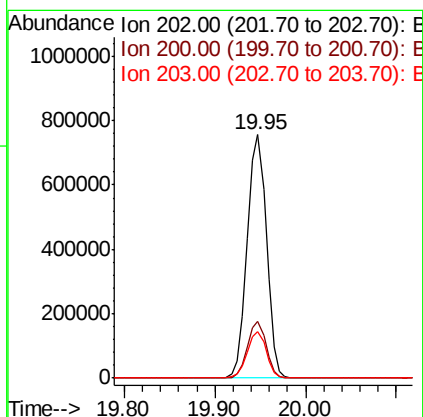
Delta R.T. -0.01 min

Lab File: BG039431.D

Acq: 11 Feb 2019 12:58

Tgt Ion:202 Resp: 1111954

Ion	Ratio	Lower	Upper
202	100		
200	23.4	17.8	26.8
203	19.2	15.3	22.9





#79

Terphenyl-d14

Concen: 73.068 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG039431.D

Acq: 11 Feb 2019 12:58

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

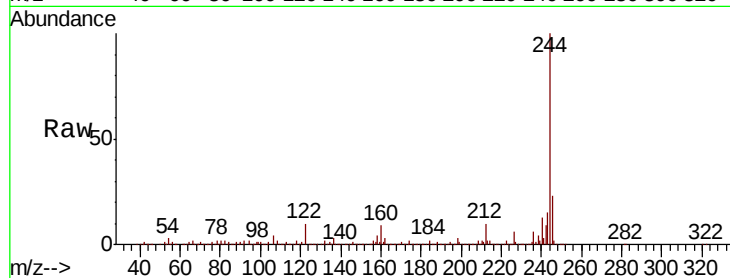
Tot Ion:244 Resp: 1597333

Ion Ratio Lower Upper

244 100

212 10.0 7.3 10.9

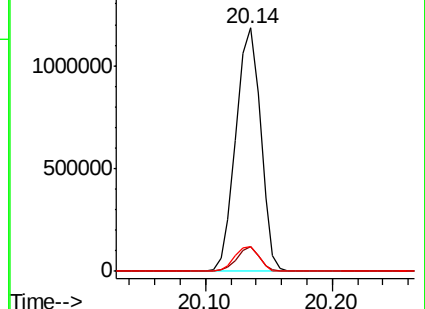
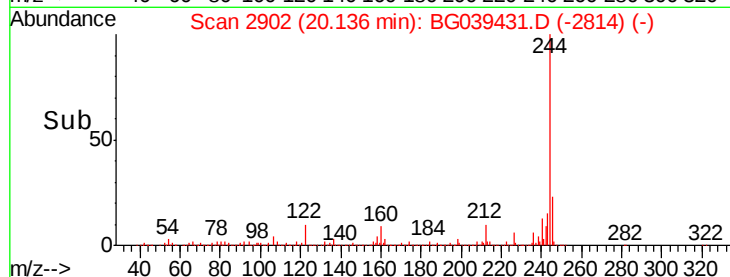
122 10.3 8.4 12.6



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: 39.785 ng

RT: 20.82 min Scan# 3018

Delta R.T. -0.01 min

Lab File: BG039431.D

Acq: 11 Feb 2019 12:58

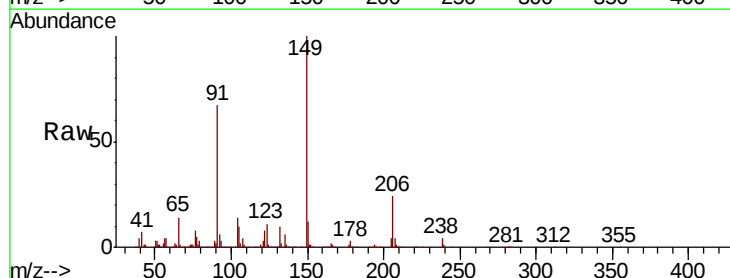
Tgt Ion:149 Resp: 483444

Ion Ratio Lower Upper

149 100

91 67.1 59.5 89.3

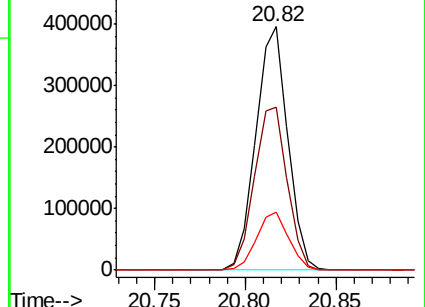
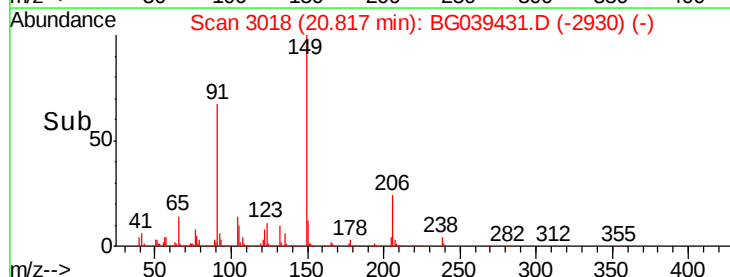
206 23.9 18.6 27.8

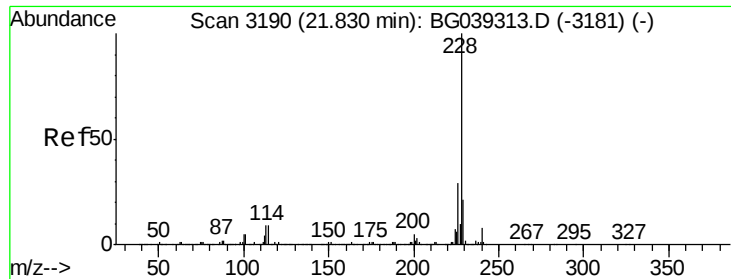


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.233 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039431.D

Acq: 11 Feb 2019 12:58

Instrument :

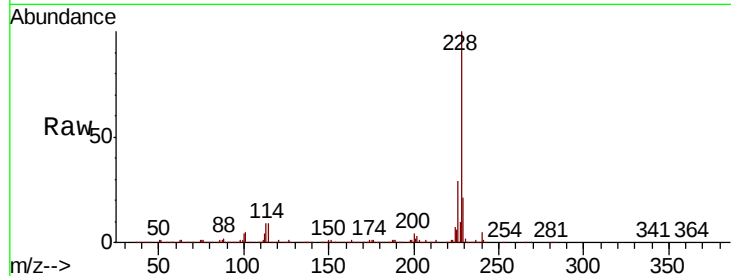
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1045387

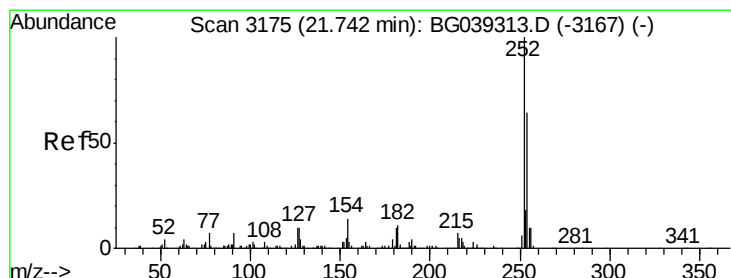
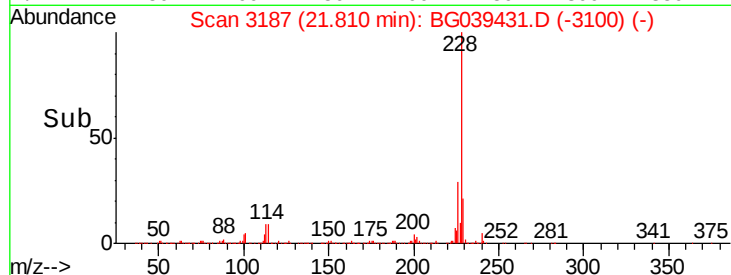
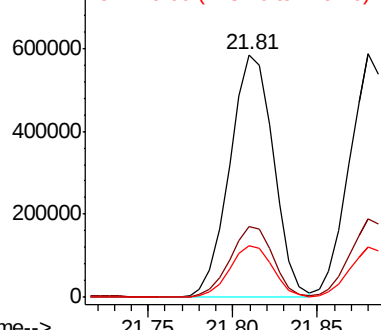
Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.0	34.6
229	21.1	16.9	25.3



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: 40.305 ng

RT: 21.72 min Scan# 3172

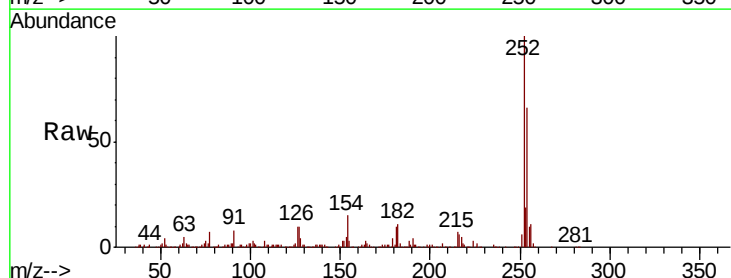
Delta R.T. -0.02 min

Lab File: BG039431.D

Acq: 11 Feb 2019 12:58

Tgt Ion:252 Resp: 408626

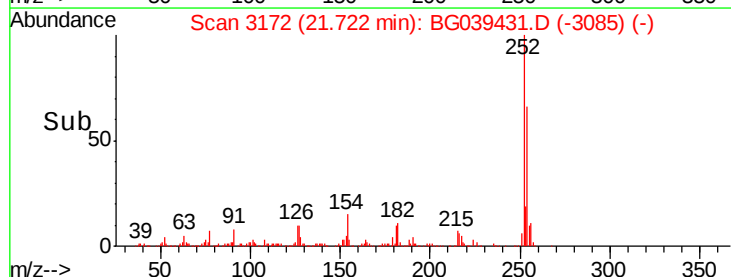
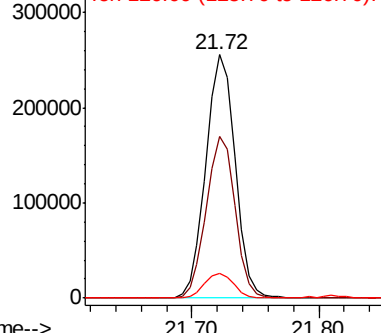
Ion	Ratio	Lower	Upper
252	100		
254	66.2	51.3	76.9
126	10.0	8.0	12.0

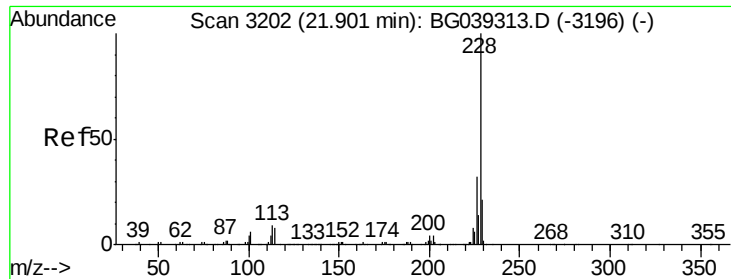


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.675 ng

RT: 21.88 min Scan# 3199

Delta R.T. -0.02 min

Lab File: BG039431.D

Acq: 11 Feb 2019 12:58

Instrument :

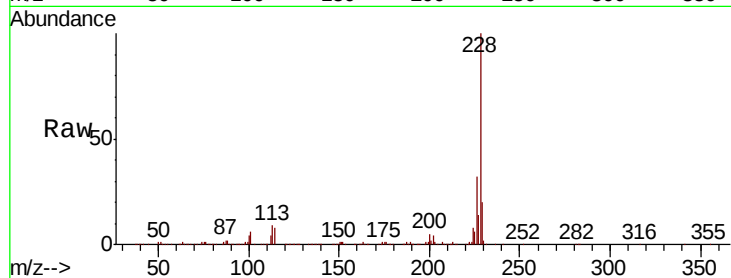
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1006635

Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.8	38.6
229	20.5	16.6	25.0

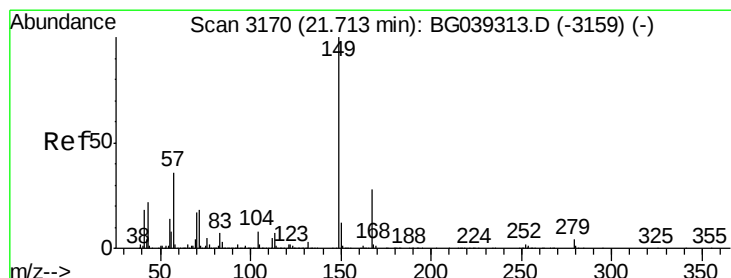
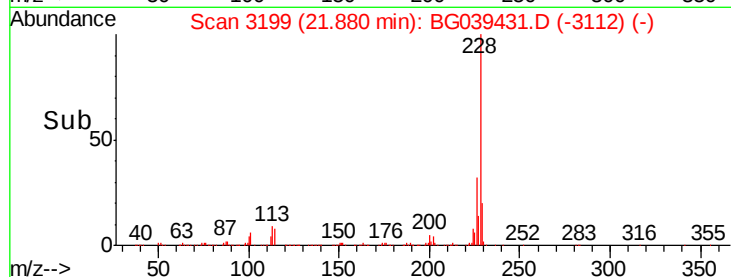
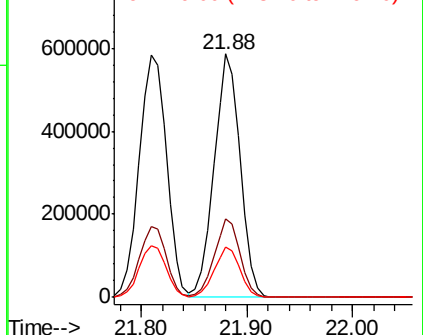


Abundance

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: 39.086 ng

RT: 21.69 min Scan# 3166

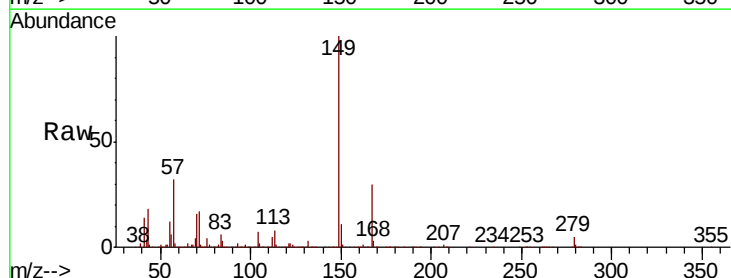
Delta R.T. -0.03 min

Lab File: BG039431.D

Acq: 11 Feb 2019 12:58

Tgt Ion:149 Resp: 677575

Ion	Ratio	Lower	Upper
149	100		
167	29.6	22.6	34.0
279	5.1	3.5	5.3

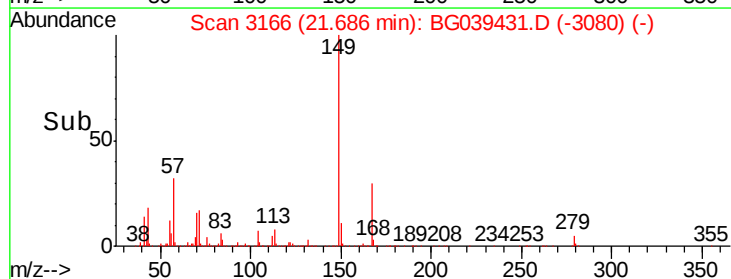
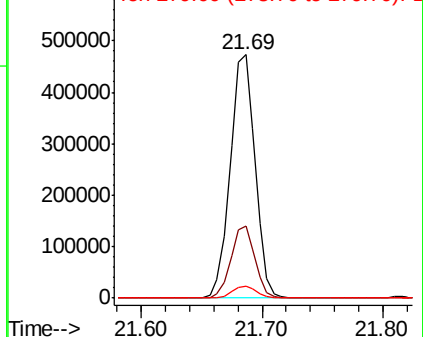


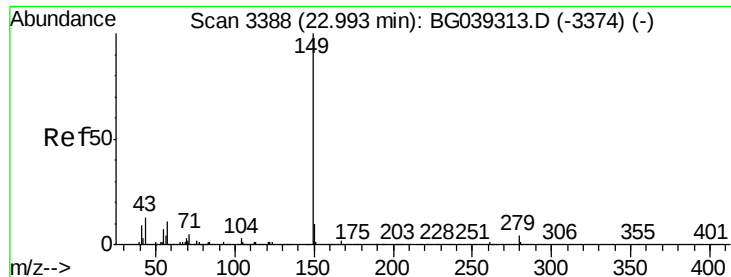
Abundance

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

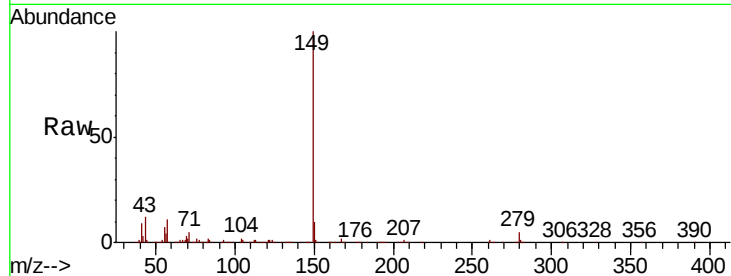




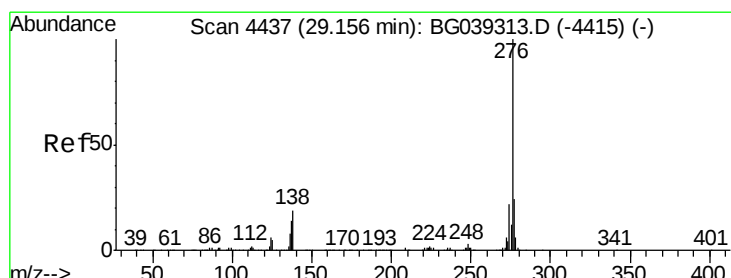
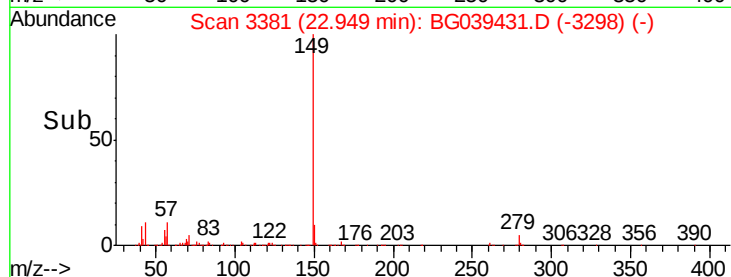
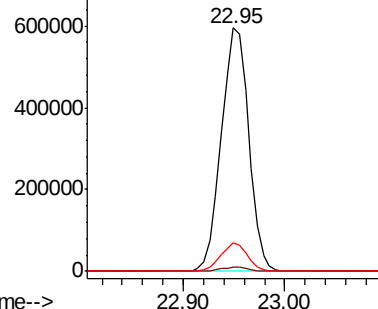
#85
Di-n-octyl phthalate
Concen: 39.005 ng
RT: 22.95 min Scan# 3381
Delta R.T. -0.04 min
Lab File: BG039431.D
Acq: 11 Feb 2019 12:58

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1117106
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.4 10.2 15.4

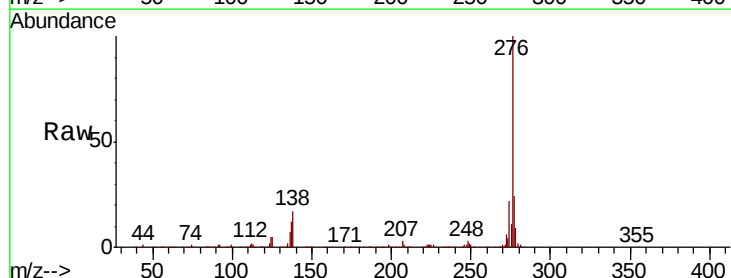


Abundance Ion 149.00 (148.70 to 149.70): E
800000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

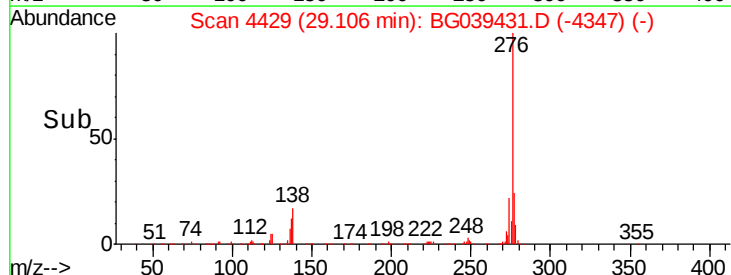
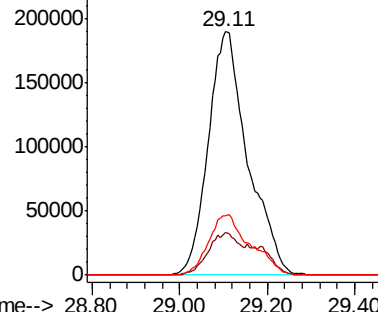


#86
Indeno(1,2,3-cd)pyrene
Concen: 41.684 ng
RT: 29.11 min Scan# 4429
Delta R.T. -0.05 min
Lab File: BG039431.D
Acq: 11 Feb 2019 12:58

Tgt Ion:276 Resp: 1164069
Ion Ratio Lower Upper
276 100
138 13.7 12.6 19.0
277 26.1 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E
250000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



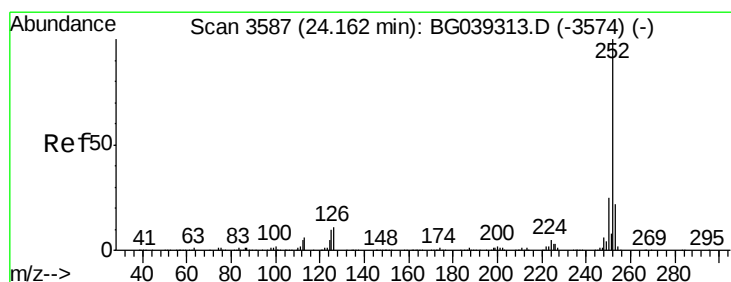
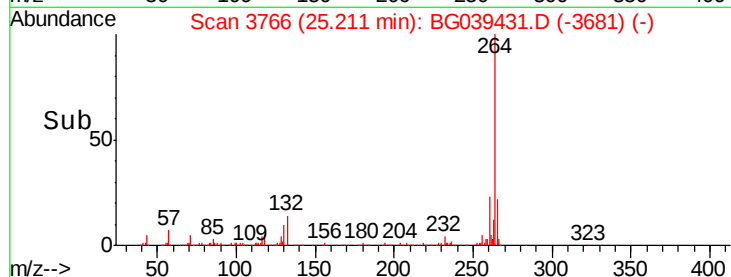
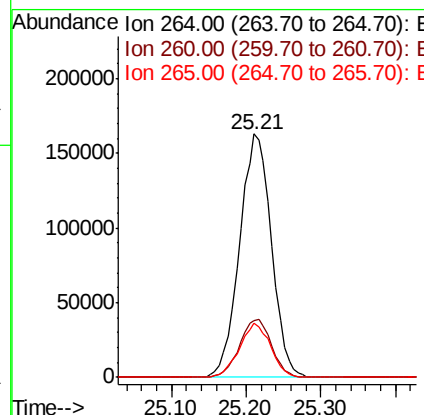
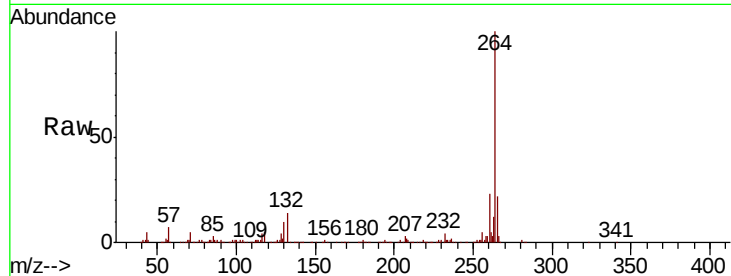


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.21 min Scan# 3766
Delta R.T. -0.03 min
Lab File: BG039431.D
Acq: 11 Feb 2019 12:58

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 481197

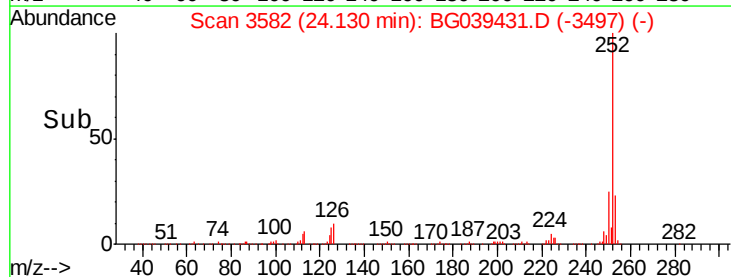
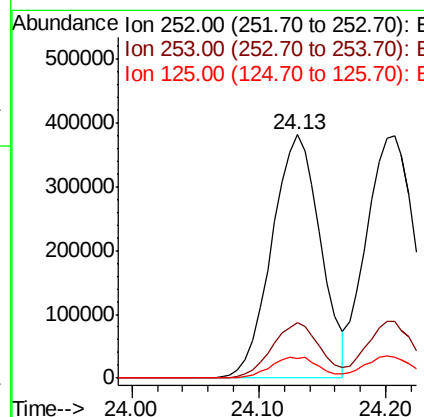
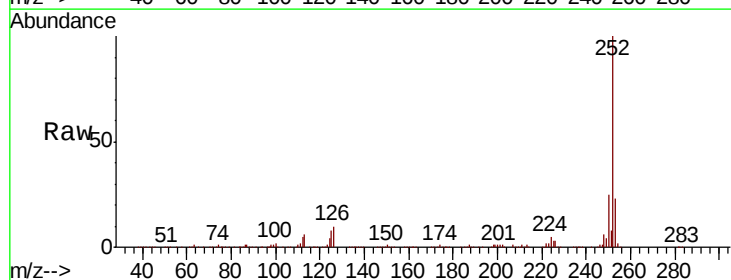
Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.4
265	22.0	18.5	27.7



#88
Benzo(b)fluoranthene
Concen: 38.795 ng
RT: 24.13 min Scan# 3582
Delta R.T. -0.03 min
Lab File: BG039431.D
Acq: 11 Feb 2019 12:58

Tgt Ion:252 Resp: 1018067

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	8.2	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 38.286 ng

RT: 24.21 min Scan# 3595

Delta R.T. -0.03 min

Lab File: BG039431.D

Acq: 11 Feb 2019 12:58

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

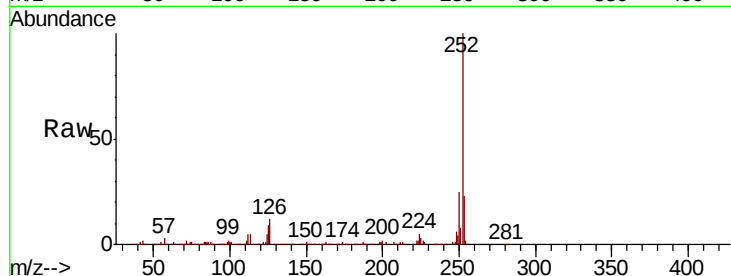
Tot Ion:252 Resp: 1008724

Ion Ratio Lower Upper

252 100

253 23.2 18.2 27.2

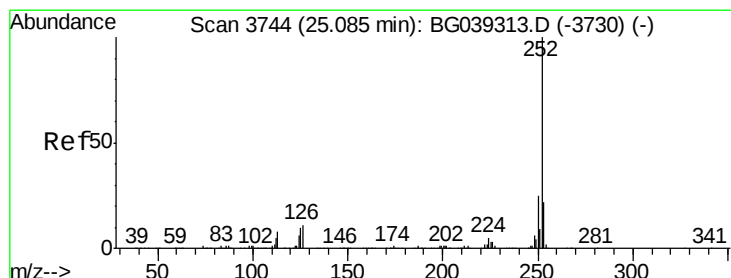
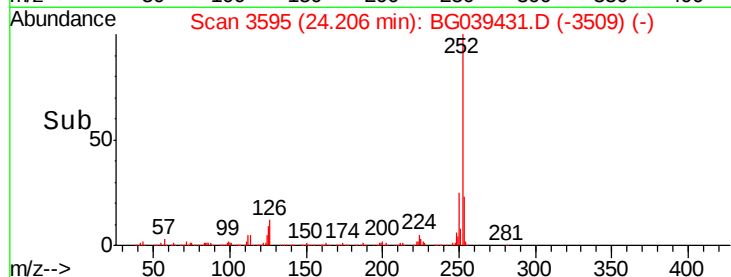
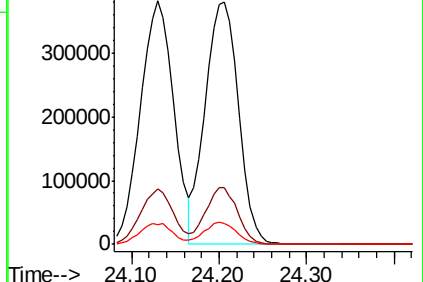
125 8.6 7.4 11.2



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: 39.419 ng

RT: 25.05 min Scan# 3739

Delta R.T. -0.03 min

Lab File: BG039431.D

Acq: 11 Feb 2019 12:58

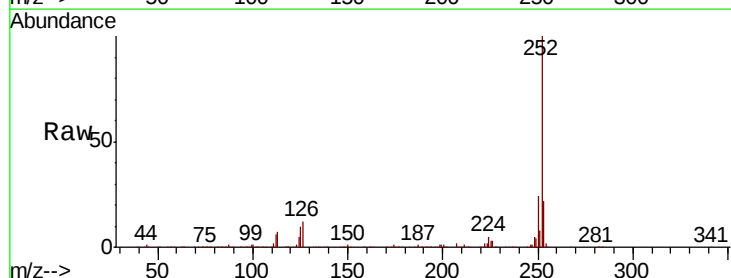
Tgt Ion:252 Resp: 996262

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

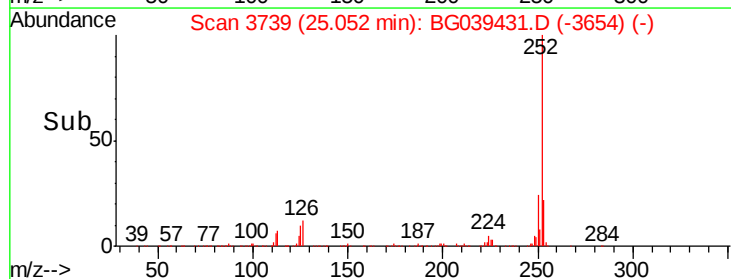
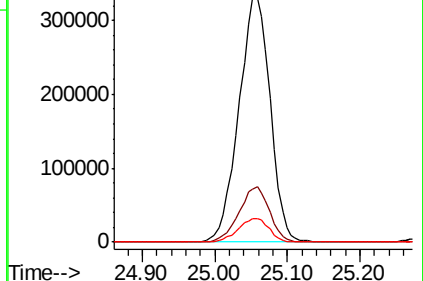
125 9.6 8.3 12.5

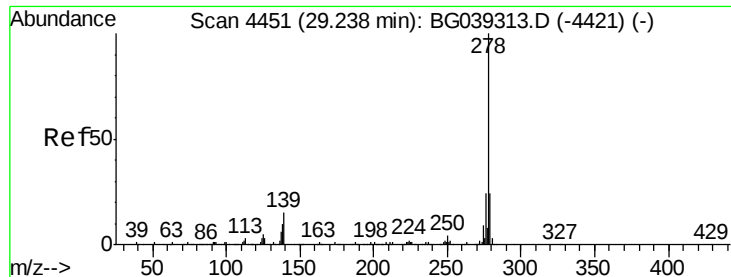


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



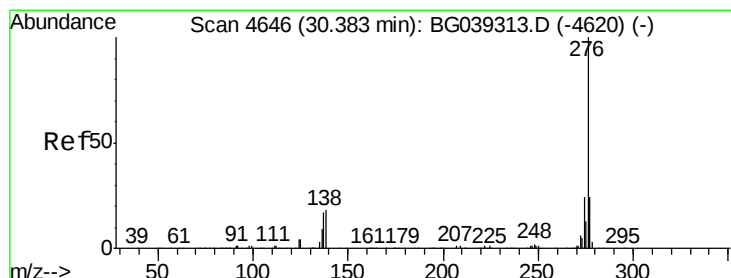
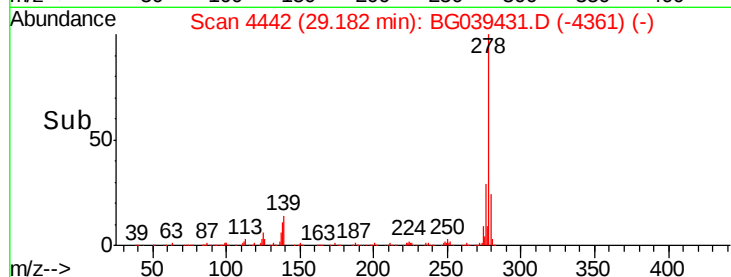
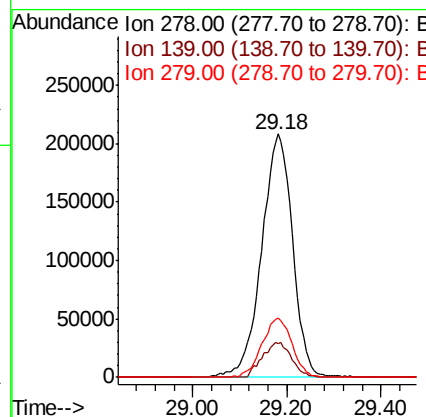
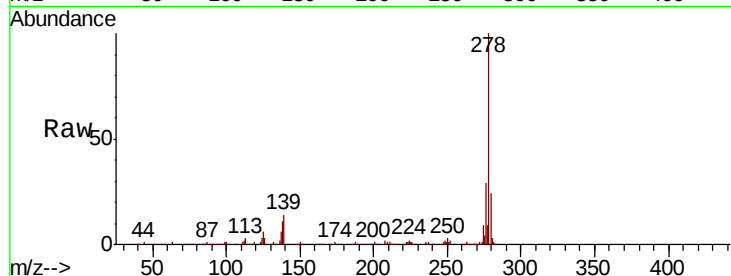


#91
Dibenzo(a,h)anthracene
Concen: 40.277 ng
RT: 29.18 min Scan# 4442
Delta R.T. -0.06 min
Lab File: BG039431.D
Acq: 11 Feb 2019 12:58

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 953289

Ion	Ratio	Lower	Upper
278	100		
139	13.8	11.7	17.5
279	24.4	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 40.896 ng
RT: 30.33 min Scan# 4638
Delta R.T. -0.05 min
Lab File: BG039431.D
Acq: 11 Feb 2019 12:58

Tgt Ion:276 Resp: 964785

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.6	29.4
138	18.4	14.7	22.1

