

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021819\
 Data File : BG039538.D
 Acq On : 18 Feb 2019 14:10
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDC0040

Quant Time: Feb 18 16:03:14 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	66313	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	309570	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	218313	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	516376	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	489396	20.00	ng	-0.02
87) Perylene-d12	25.21	264	500661	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	307825	79.45	ng	0.00
7) Phenol-d6	7.32	99	486626	85.32	ng	0.00
23) Nitrobenzene-d5	9.35	82	460906	93.01	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	214324	91.17	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	1137444	74.74	ng	-0.02
79) Terphenyl-d14	20.13	244	1689655	73.08	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.61	88	60152	35.492	ng	93
3) Pyridine	4.01	79	181457	40.439	ng	96
4) n-Nitrosodimethylamine	3.93	42	81634	36.377	ng	90
6) Aniline	7.50	93	296186	41.461	ng	99
8) 2-Chlorophenol	7.73	128	183128	43.239	ng	93
9) Benzaldehyde	7.31	77	123447	44.853	ng	95
10) Phenol	7.34	94	254842	42.866	ng	97
11) bis(2-Chloroethyl)ether	7.58	93	195046	41.519	ng	97
12) 1,3-Dichlorobenzene	8.05	146	203766	39.715	ng	99
13) 1,4-Dichlorobenzene	8.21	146	205817	40.247	ng	99
14) 1,2-Dichlorobenzene	8.52	146	200967	40.595	ng	98
15) Benzyl Alcohol	8.41	79	195495	43.662	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	371566	35.025	ng	98
17) 2-Methylphenol	8.60	107	169194	43.978	ng	96
18) Hexachloroethane	9.26	117	72717	41.331	ng	97
19) n-Nitroso-di-n-propylamine	8.98	70	171113	42.272	ng	92
20) 3+4-Methylphenols	8.93	107	240400	45.376	ng	96
22) Acetophenone	9.00	105	324190	38.986	ng	# 93
24) Nitrobenzene	9.39	77	234441	43.793	ng	98
25) Isophorone	9.91	82	433165	39.447	ng	97
26) 2-Nitrophenol	10.10	139	118435	54.199	ng	97
27) 2,4-Dimethylphenol	10.14	122	181738	40.912	ng	95
28) bis(2-Chloroethoxy)methane	10.39	93	272272	40.255	ng	98
29) 2,4-Dichlorophenol	10.63	162	221179	45.558	ng	96
30) 1,2,4-Trichlorobenzene	10.85	180	224435	41.176	ng	98
31) Naphthalene	11.04	128	590308	38.438	ng	100
32) Benzoic acid	10.28	122	141943	48.648	ng	95
33) 4-Chloroaniline	11.16	127	295805	41.541	ng	95
34) Hexachlorobutadiene	11.30	225	150155	41.424	ng	93
35) Caprolactam	11.96	113	90690	45.142	ng	90
36) 4-Chloro-3-methylphenol	12.26	107	248672	44.289	ng	94
37) 2-Methylnaphthalene	12.64	142	451429	39.687	ng	97
38) 1-Methylnaphthalene	12.85	142	433512	39.537	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	280880	40.437	ng	99

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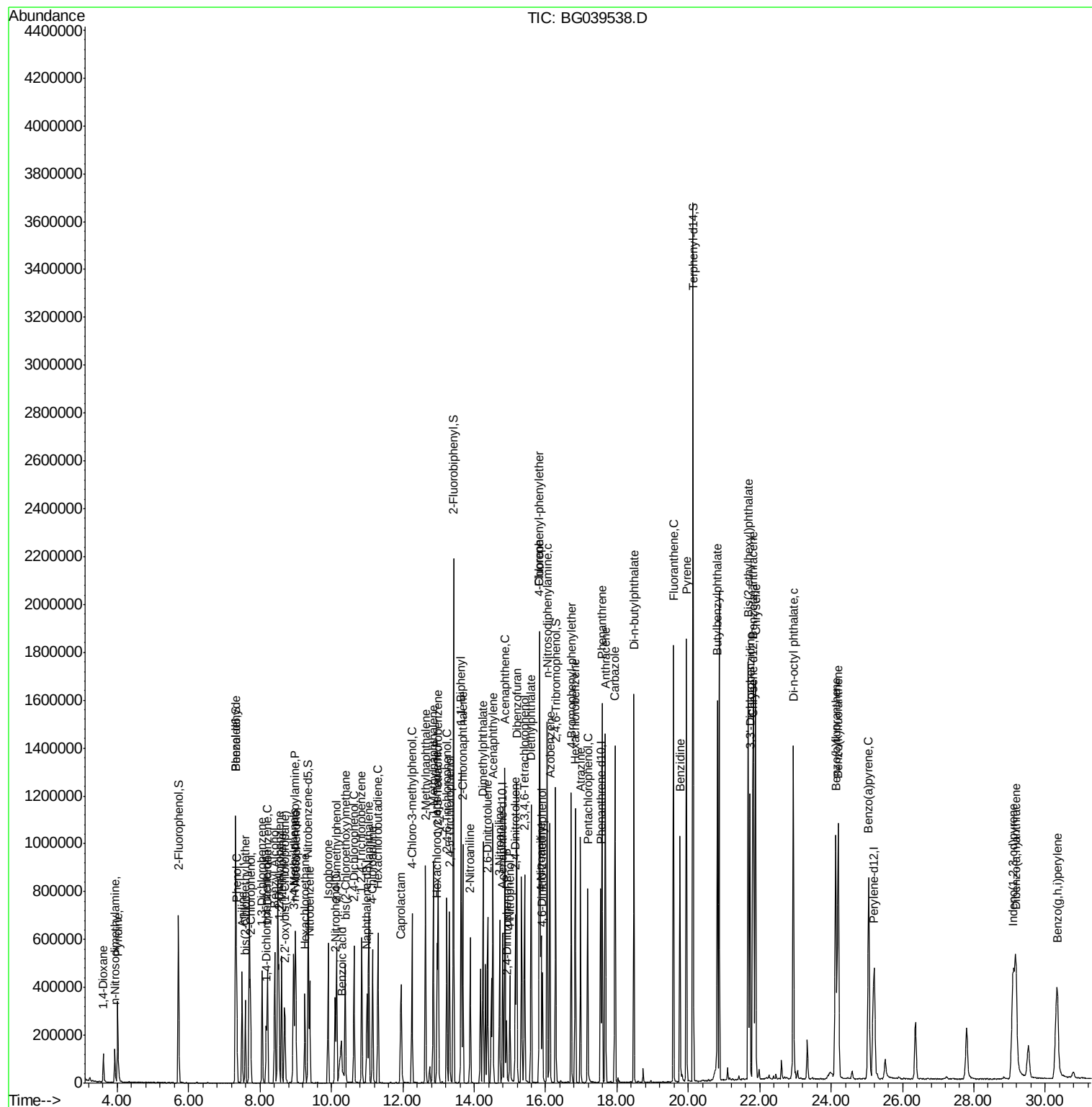
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	169001	44.650	ng	100
43) 2,4,6-Trichlorophenol	13.23	196	188995	44.253	ng	97
44) 2,4,5-Trichlorophenol	13.31	196	206349	46.099	ng	96
46) 1,1'-Biphenyl	13.63	154	684575	37.688	ng	99
47) 2-Chloronaphthalene	13.68	162	533858	39.069	ng	97
48) 2-Nitroaniline	13.89	65	184973	47.275	ng	97
49) Acenaphthylene	14.52	152	789904	38.310	ng	98
50) Dimethylphthalate	14.25	163	692422	39.271	ng	100
51) 2,6-Dinitrotoluene	14.38	165	157504	47.824	ng	95
52) Acenaphthene	14.86	154	506202	37.822	ng	99
53) 3-Nitroaniline	14.71	138	165382	46.691	ng	# 92
54) 2,4-Dinitrophenol	14.90	184	64310	53.012	ng	95
55) Dibenzofuran	15.19	168	830462	38.700	ng	98
56) 4-Nitrophenol	15.00	139	119020	40.424	ng	92
57) 2,4-Dinitrotoluene	15.16	165	221335	51.712	ng	# 84
58) Fluorene	15.84	166	615424	38.472	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.41	232	185027	44.148	ng	98
60) Diethylphthalate	15.60	149	698373	38.309	ng	97
61) 4-Chlorophenyl-phenylether	15.82	204	372784	41.156	ng	98
62) 4-Nitroaniline	15.87	138	164621	44.828	ng	93
63) Azobenzene	16.12	77	641231	35.988	ng	94
65) 4,6-Dinitro-2-methylphenol	15.91	198	113239	53.295	ng	94
66) n-Nitrosodiphenylamine	16.04	169	615778	39.218	ng	100
67) 4-Bromophenyl-phenylether	16.72	248	241603	42.175	ng	94
68) Hexachlorobenzene	16.83	284	246487	42.886	ng	96
69) Atrazine	16.98	200	197615	34.440	ng	95
70) Pentachlorophenol	17.18	266	158283	39.624	ng	99
71) Phenanthrene	17.58	178	1012025	37.867	ng	98
72) Anthracene	17.68	178	996408	37.850	ng	97
73) Carbazole	17.95	167	964386	36.707	ng	99
74) Di-n-butylphthalate	18.48	149	1123098	36.643	ng	99
75) Fluoranthene	19.58	202	1144827	36.905	ng	99
77) Benzidine	19.76	184	585343	36.481	ng	100
78) Pyrene	19.94	202	1160906	38.105	ng	99
80) Butylbenzylphthalate	20.81	149	505939	39.367	ng	92
81) Benzo(a)anthracene	21.81	228	1118324	38.672	ng	99
82) 3,3'-Dichlorobenzidine	21.72	252	442857	41.301	ng	99
83) Chrysene	21.88	228	1068555	38.817	ng	99
84) Bis(2-ethylhexyl)phthalate	21.68	149	716258	39.065	ng	99
85) Di-n-octyl phthalate	22.94	149	1186796	39.180	ng	96
86) Indeno(1,2,3-cd)pyrene	29.10	276	1151474	38.986	ng	# 95
88) Benzo(b)fluoranthene	24.13	252	1058639	38.773	ng	99
89) Benzo(k)fluoranthene	24.20	252	1052274	38.387	ng	99
90) Benzo(a)pyrene	25.05	252	1029345	39.145	ng	98
91) Dibenzo(a,h)anthracene	29.18	278	946325	38.428	ng	97
92) Benzo(g,h,i)perylene	30.33	276	919282	37.453	ng	98

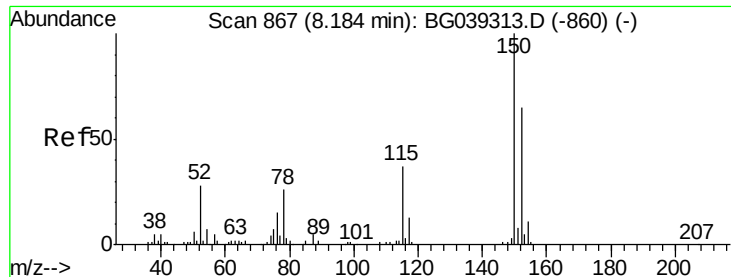
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.01 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

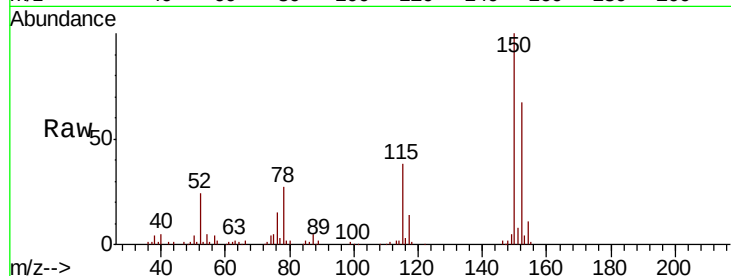
Tot Ion:152 Resp: 66313

Ion Ratio Lower Upper

152 100

150 149.8 123.7 185.5

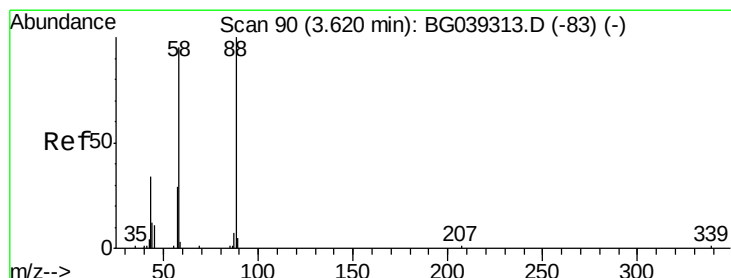
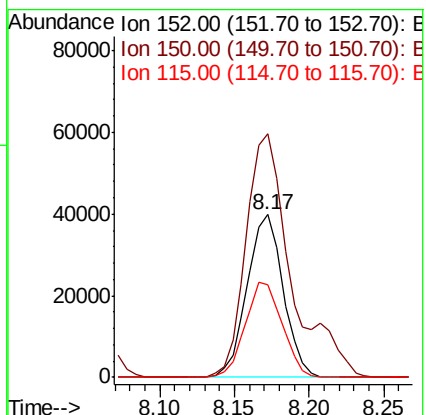
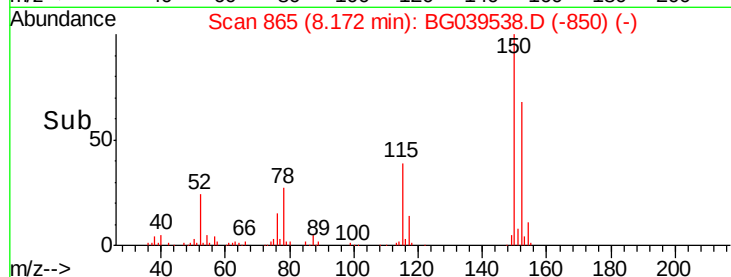
115 57.2 45.9 68.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.492 ng

RT: 3.61 min Scan# 88

Delta R.T. -0.01 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

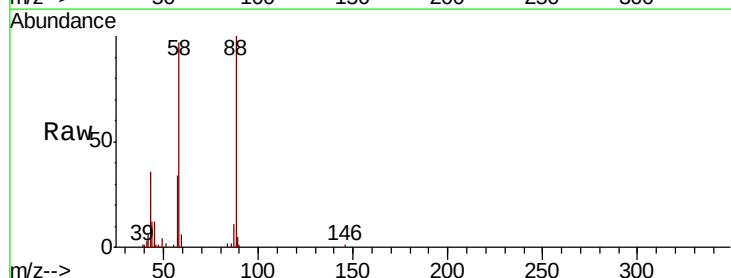
Tgt Ion: 88 Resp: 60152

Ion Ratio Lower Upper

88 100

58 94.2 81.1 121.7

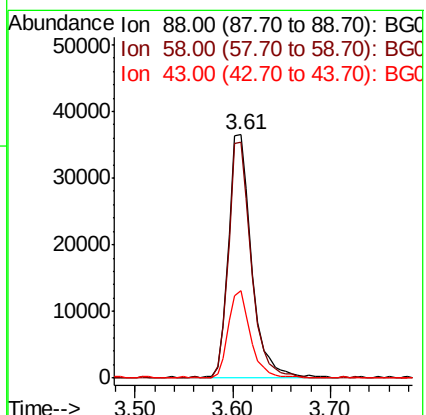
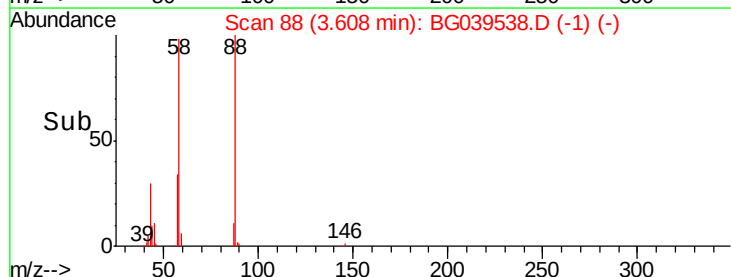
43 34.5 31.4 47.0

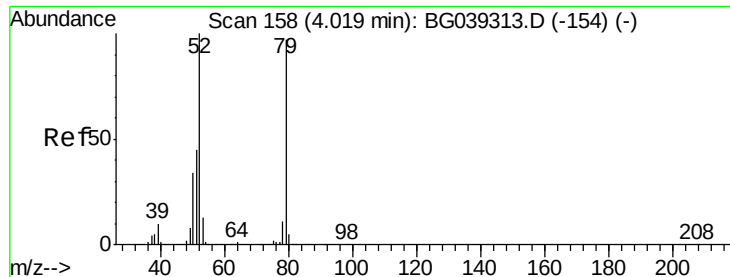


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 40.439 ng

RT: 4.01 min Scan# 156

Delta R.T. -0.01 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

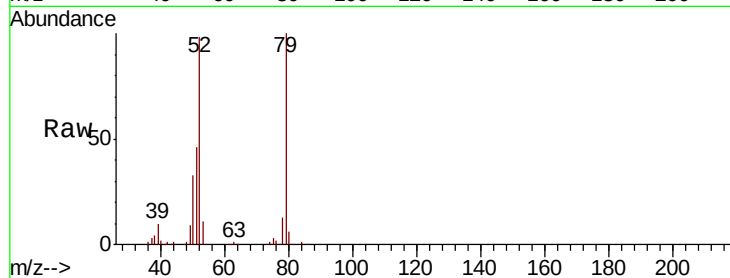
Tot Ion: 79 Resp: 181457

Ion Ratio Lower Upper

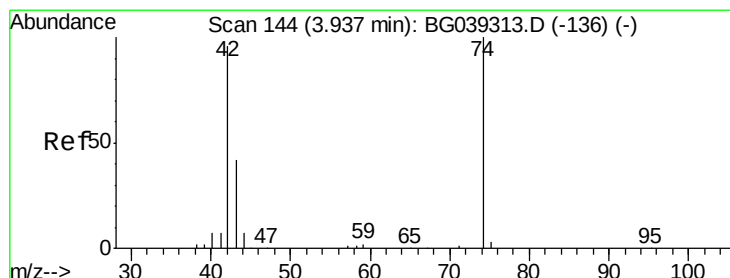
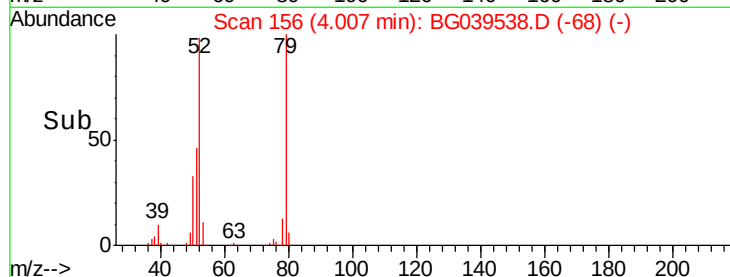
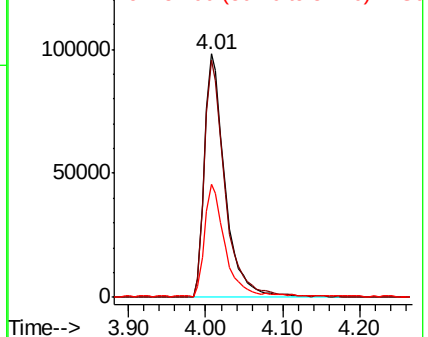
79 100

52 97.5 82.6 124.0

51 46.5 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: 36.377 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

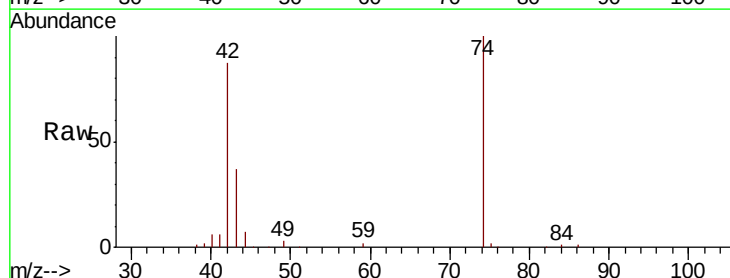
Tgt Ion: 42 Resp: 81634

Ion Ratio Lower Upper

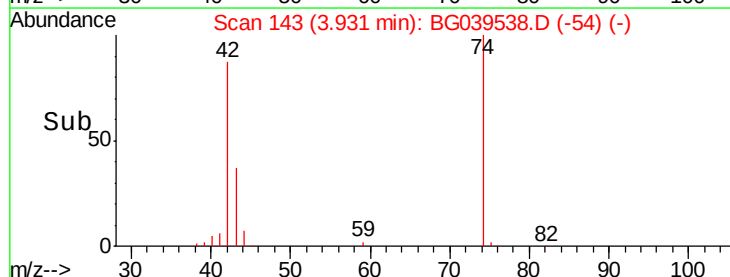
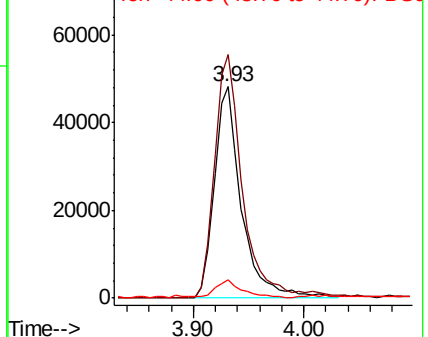
42 100

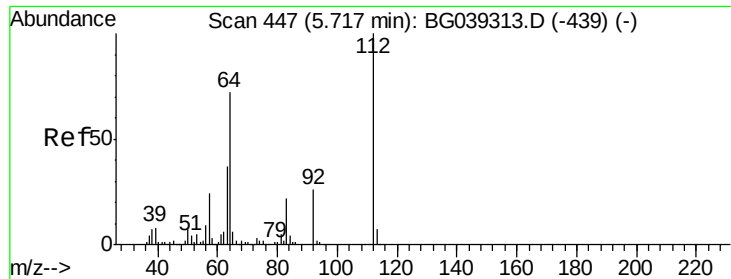
74 115.3 83.6 125.4

44 8.6 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: 79.448 ng

RT: 5.72 min Scan# 447

Delta R.T. -0.00 min

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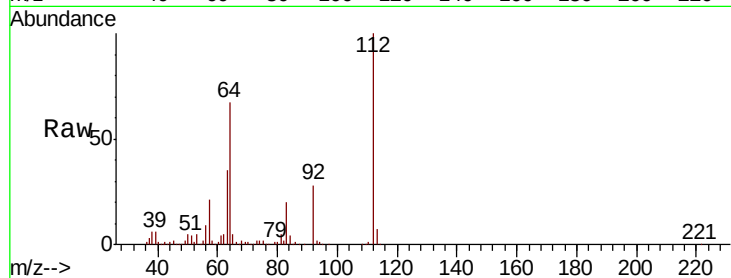
Tot Ion:112 Resp: 307825

Ion Ratio Lower Upper

112 100

64 66.6 57.8 86.8

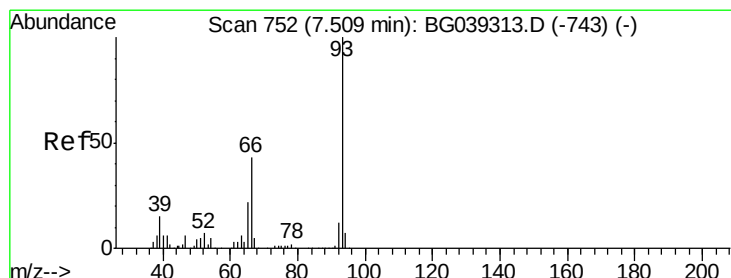
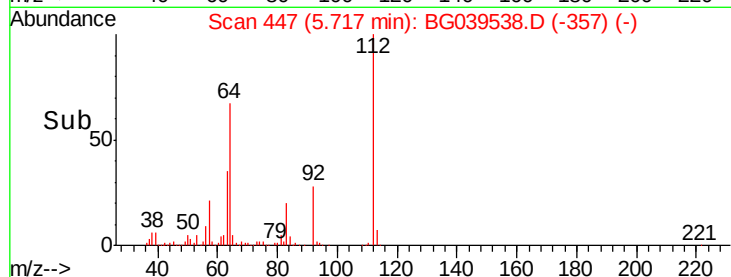
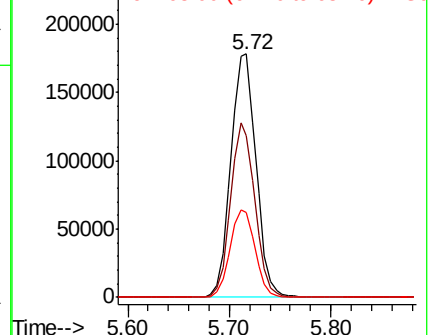
63 34.7 29.8 44.6



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: 41.461 ng

RT: 7.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

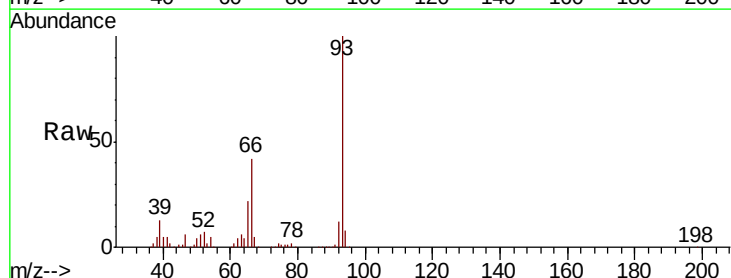
Tgt Ion: 93 Resp: 296186

Ion Ratio Lower Upper

93 100

66 41.9 34.2 51.4

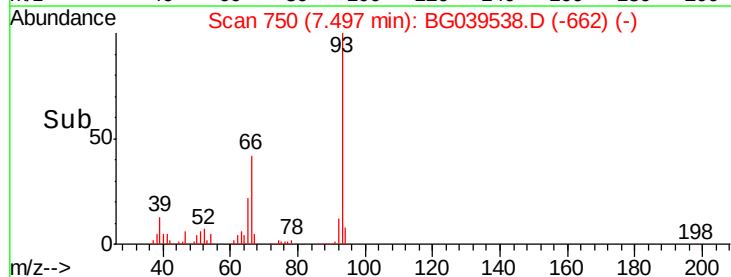
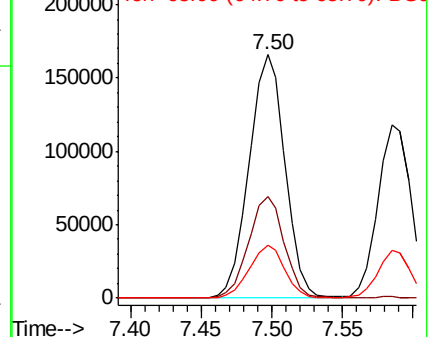
65 21.7 17.7 26.5

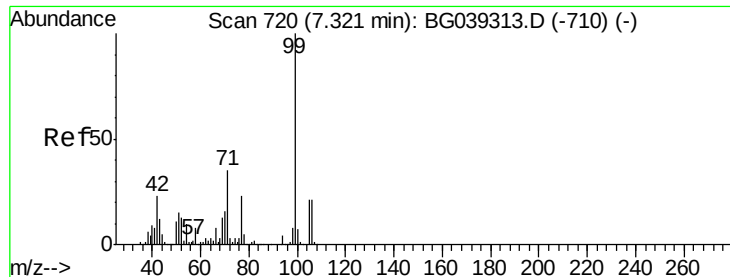


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 85.325 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

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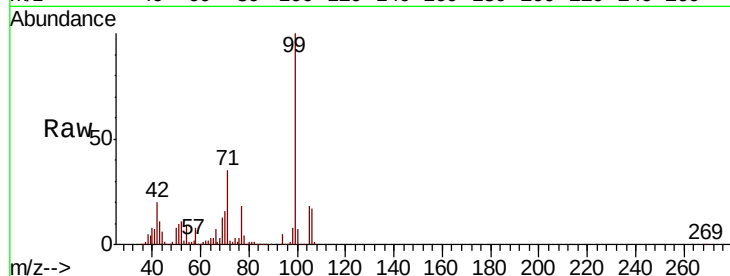
Tot Ion: 99 Resp: 486626

Ion Ratio Lower Upper

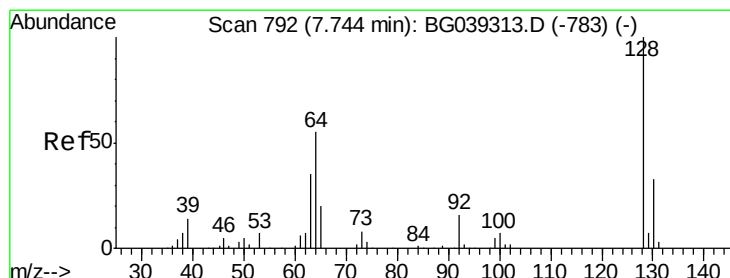
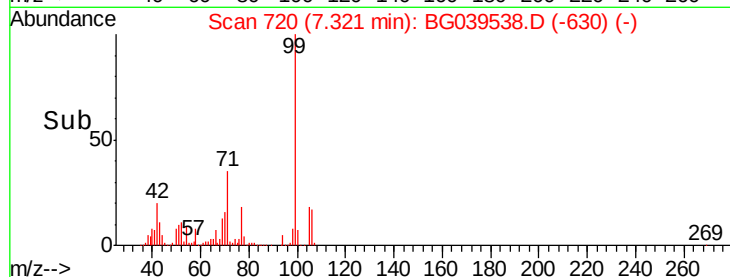
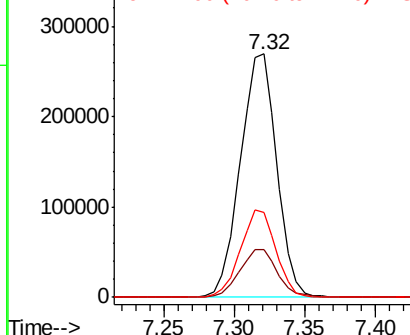
99 100

42 19.7 18.2 27.2

71 34.8 28.0 42.0



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



#8

2-Chlorophenol

Concen: 43.239 ng

RT: 7.73 min Scan# 790

Delta R.T. -0.01 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

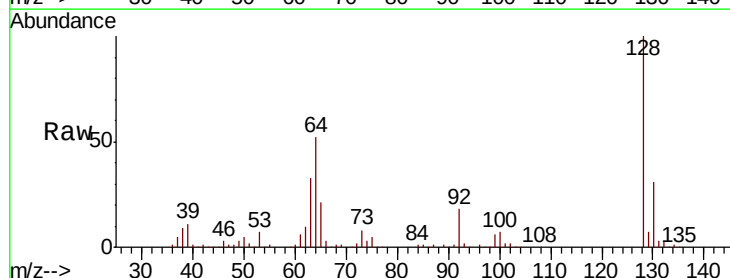
Tgt Ion: 128 Resp: 183128

Ion Ratio Lower Upper

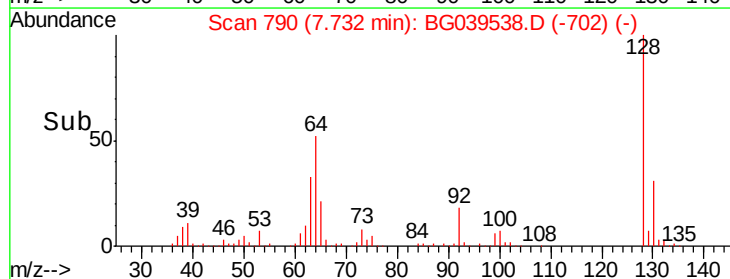
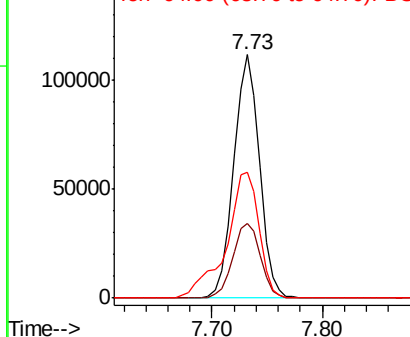
128 100

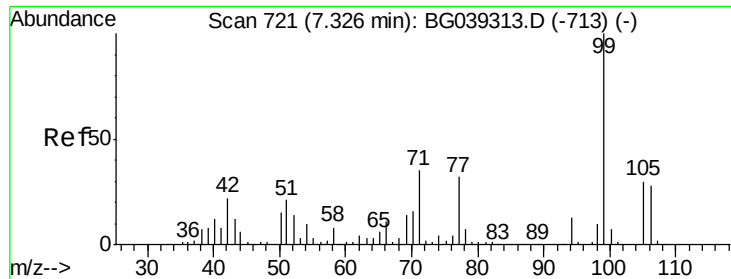
130 30.8 12.9 52.9

64 51.6 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: 44.853 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

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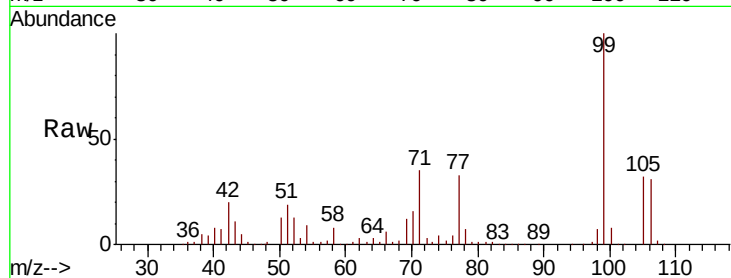
Tot Ion: 77 Resp: 123447

Ion Ratio Lower Upper

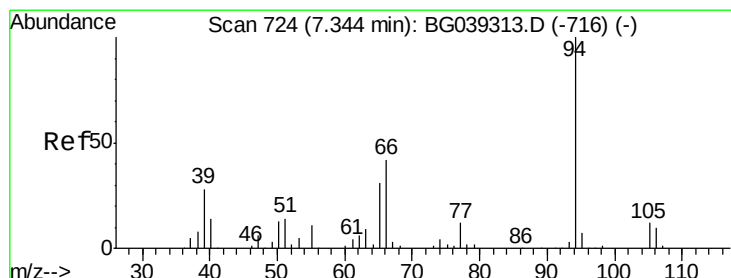
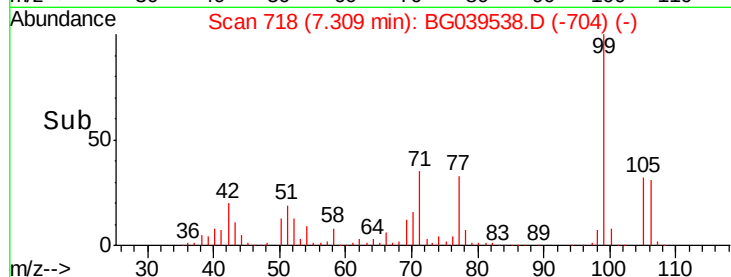
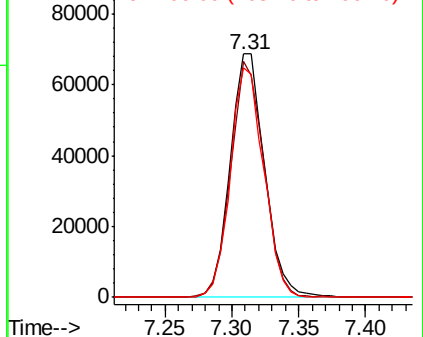
77 100

105 97.2 74.5 114.5

106 94.3 68.0 108.0



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



#10

Phenol

Concen: 42.866 ng

RT: 7.34 min Scan# 724

Delta R.T. 0.00 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

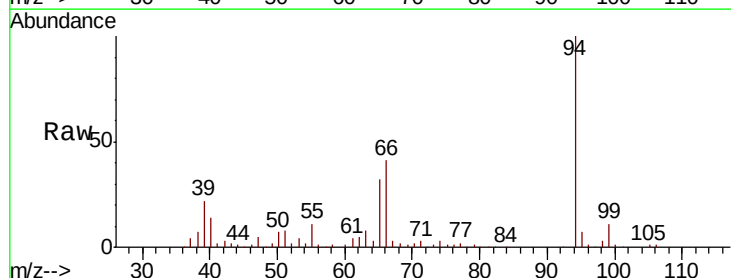
Tgt Ion: 94 Resp: 254842

Ion Ratio Lower Upper

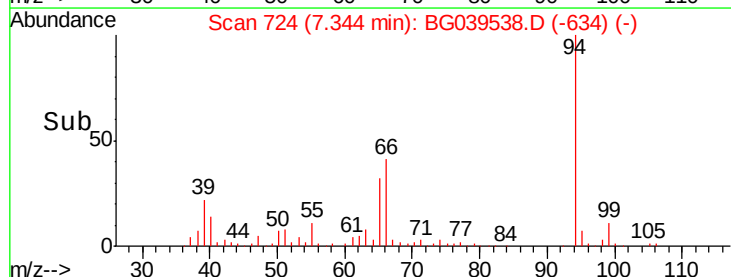
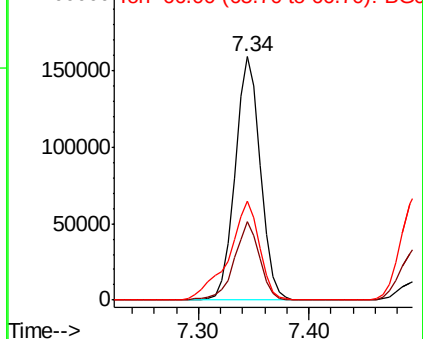
94 100

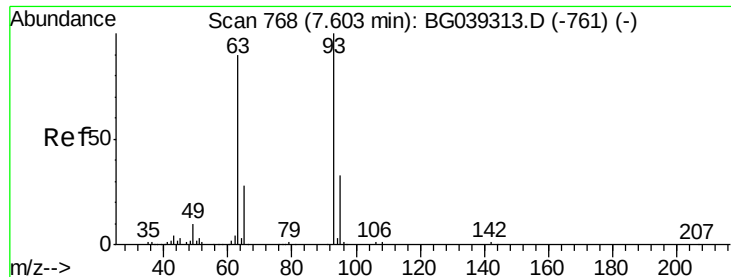
65 32.0 11.7 51.7

66 40.9 23.7 63.7



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





#11

bis(2-Chloroethyl)ether

Concen: 41.519 ng

RT: 7.58 min Scan# 765

Delta R.T. -0.02 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

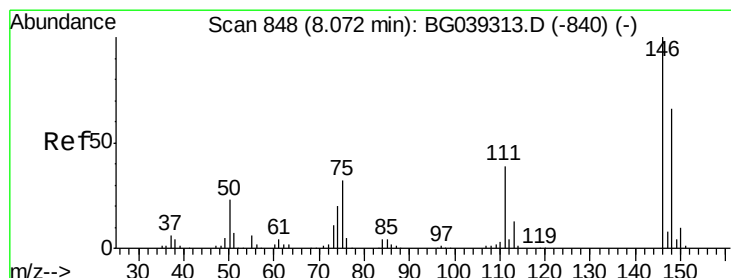
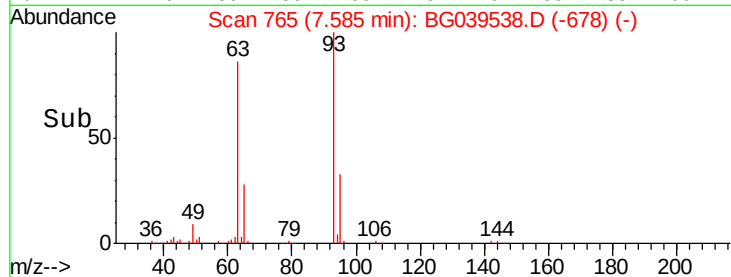
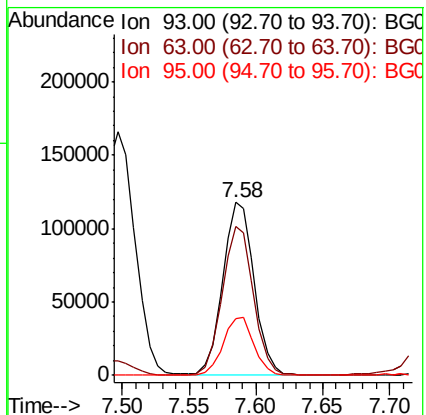
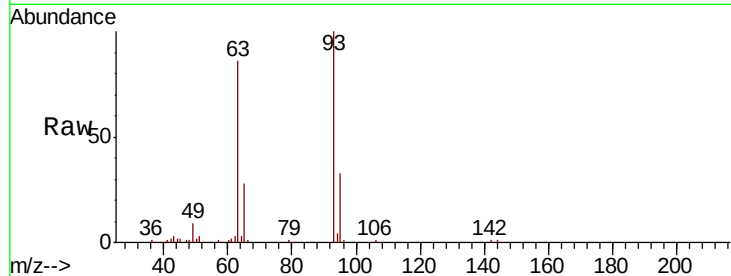
Tot Ion: 93 Resp: 195046

Ion Ratio Lower Upper

93 100

63 86.4 69.5 109.5

95 33.1 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 39.715 ng

RT: 8.05 min Scan# 845

Delta R.T. -0.02 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

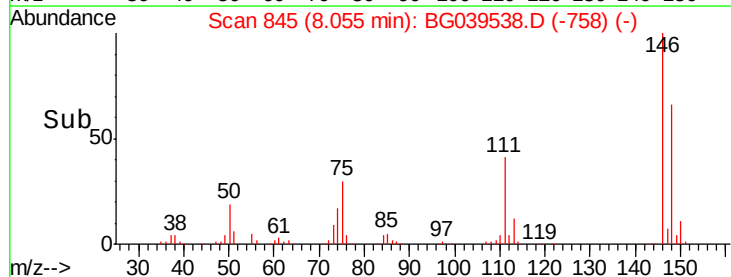
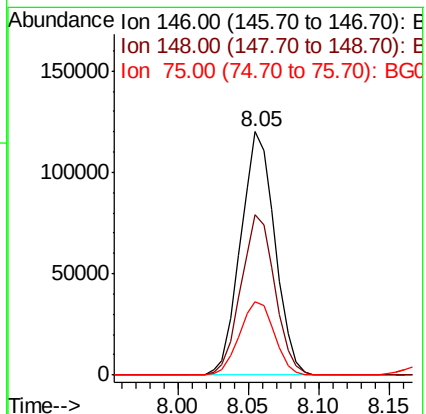
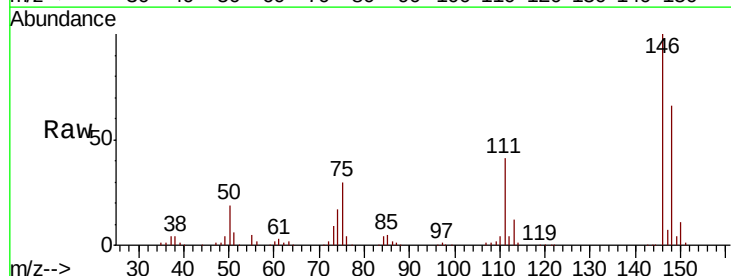
Tgt Ion: 146 Resp: 203766

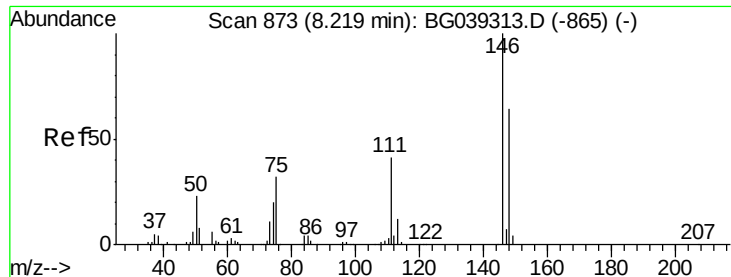
Ion Ratio Lower Upper

146 100

148 65.7 52.6 79.0

75 29.9 25.8 38.6

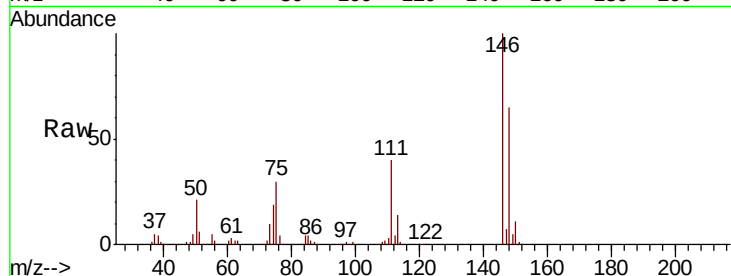




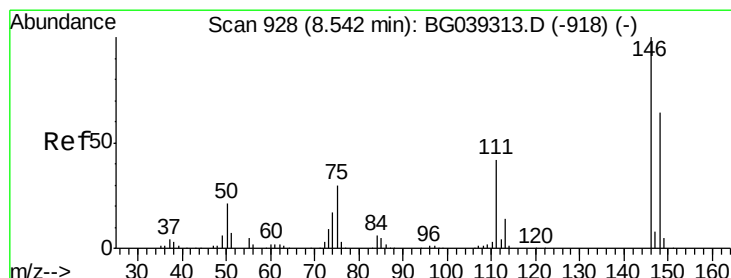
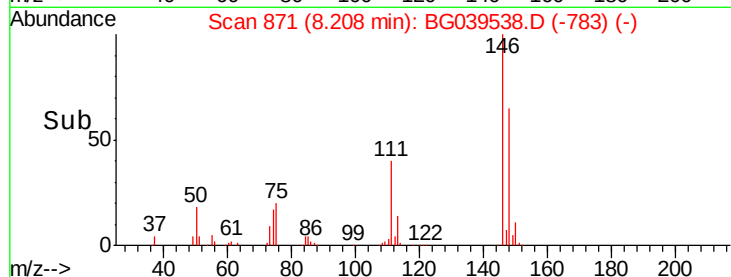
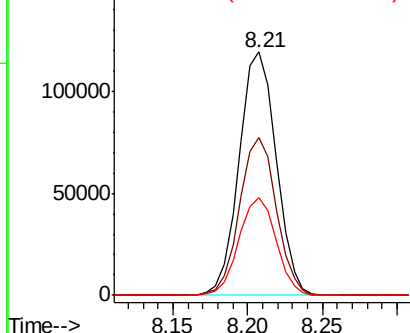
#13
 1,4-Dichlorobenzene
 Concen: 40.247 ng
 RT: 8.21 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BG039538.D
 Acq: 18 Feb 2019 14:10

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 205817
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.1 76.7
 111 39.9 32.6 48.8

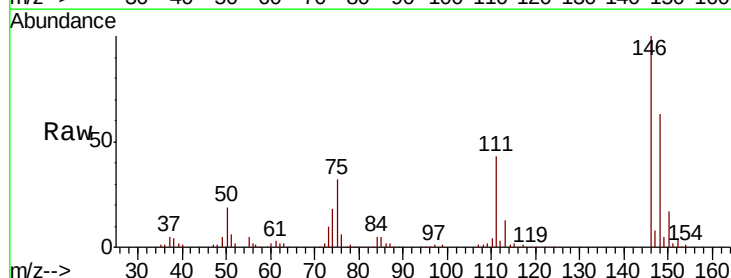


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

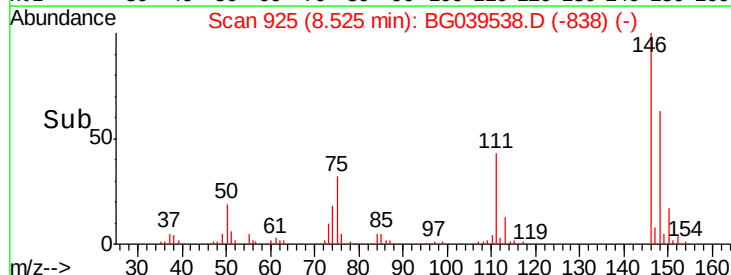
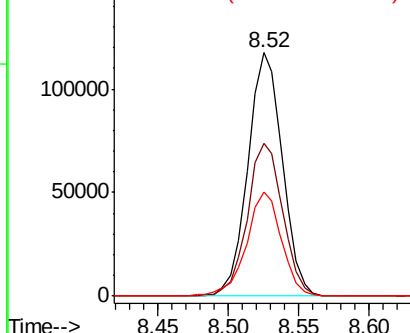


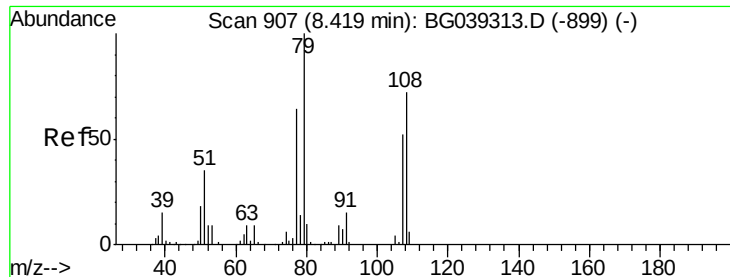
#14
 1,2-Dichlorobenzene
 Concen: 40.595 ng
 RT: 8.52 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BG039538.D
 Acq: 18 Feb 2019 14:10

Tgt Ion:146 Resp: 200967
 Ion Ratio Lower Upper
 146 100
 148 62.5 51.5 77.3
 111 42.7 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: 43.662 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

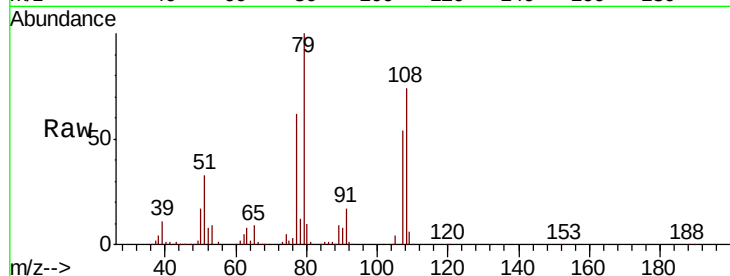
Tot Ion: 79 Resp: 195495

Ion Ratio Lower Upper

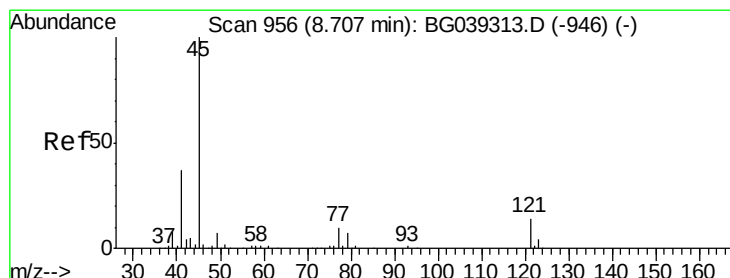
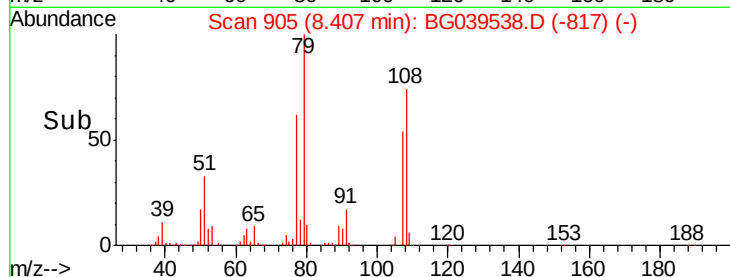
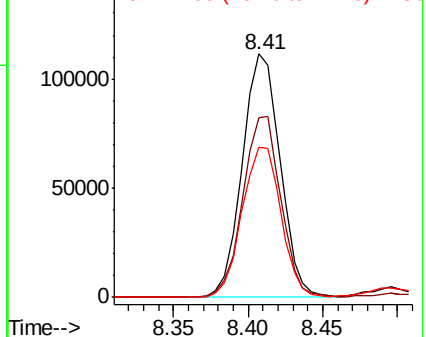
79 100

108 73.7 57.8 86.6

77 61.9 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: 35.025 ng

RT: 8.69 min Scan# 953

Delta R.T. -0.02 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

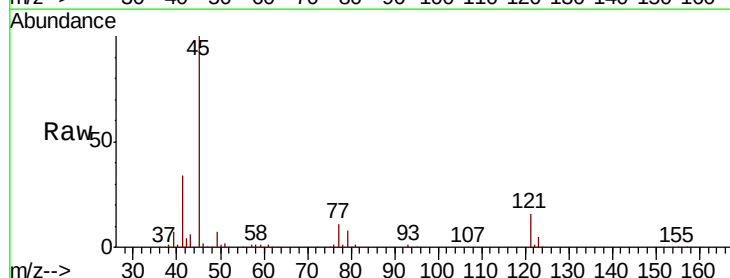
Tgt Ion: 45 Resp: 371566

Ion Ratio Lower Upper

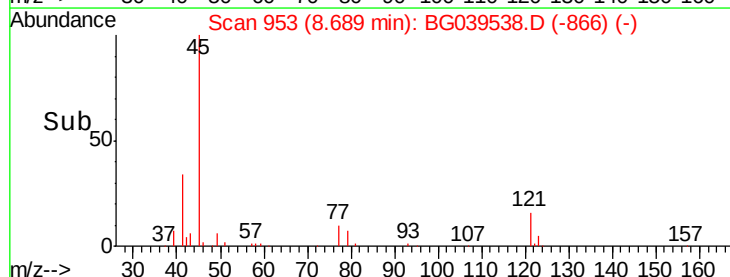
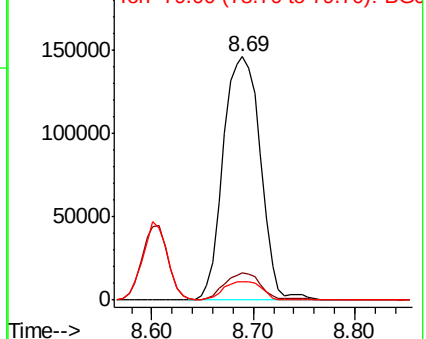
45 100

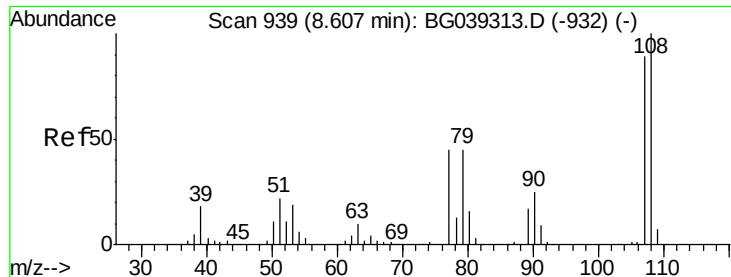
77 11.1 0.0 30.0

79 7.7 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

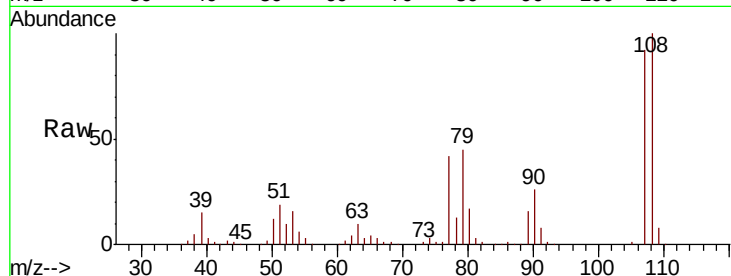




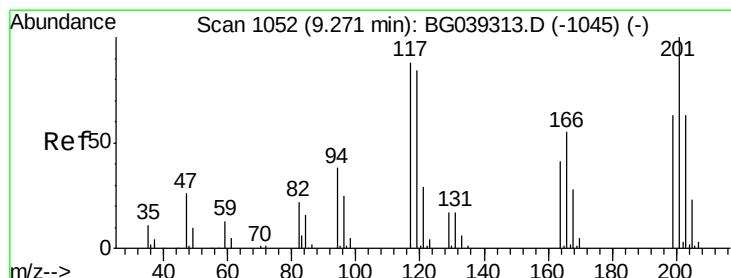
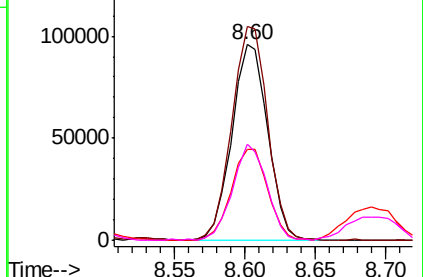
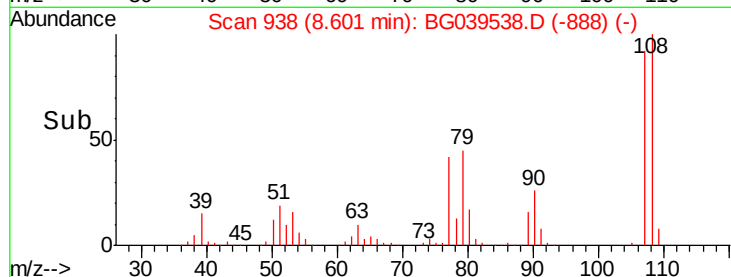
#17
2-Methylphenol
Concen: 43.978 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG039538.D
Acq: 18 Feb 2019 14:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:107 Resp: 169194
Ion Ratio Lower Upper
107 100
108 109.1 90.8 136.2
77 46.2 40.7 61.1
79 49.2 40.6 60.8

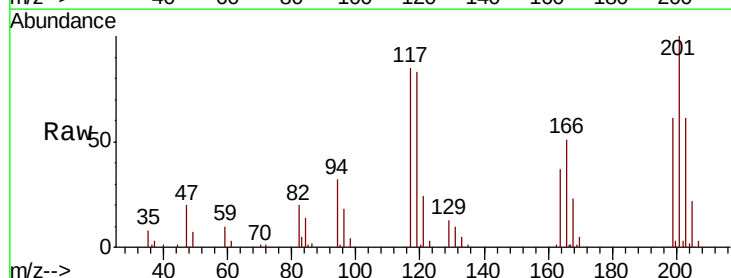


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

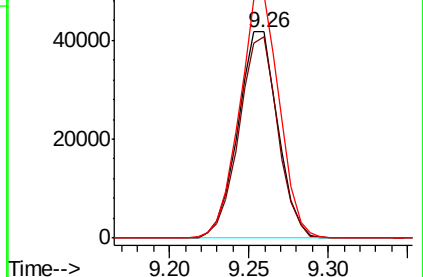
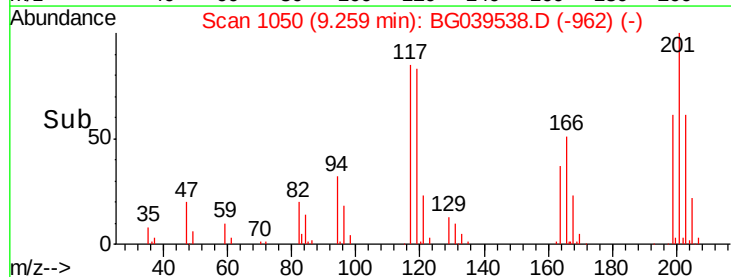


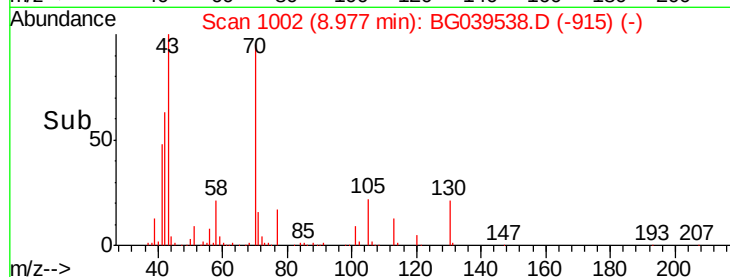
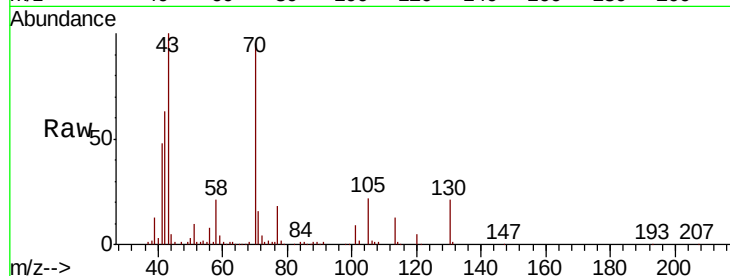
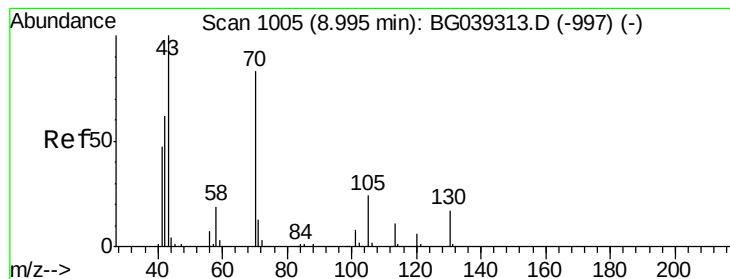
#18
Hexachloroethane
Concen: 41.331 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BG039538.D
Acq: 18 Feb 2019 14:10

Tgt Ion:117 Resp: 72717
Ion Ratio Lower Upper
117 100
119 97.7 76.3 114.5
201 118.0 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: 42.272 ng

RT: 8.98 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 171113

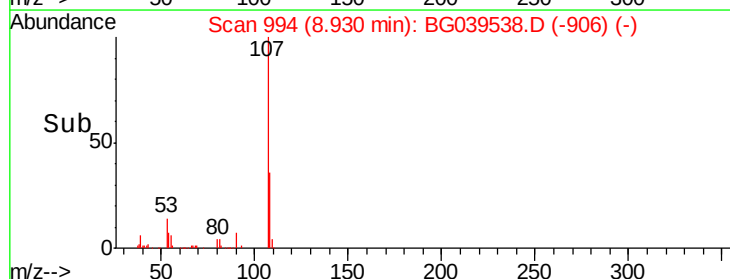
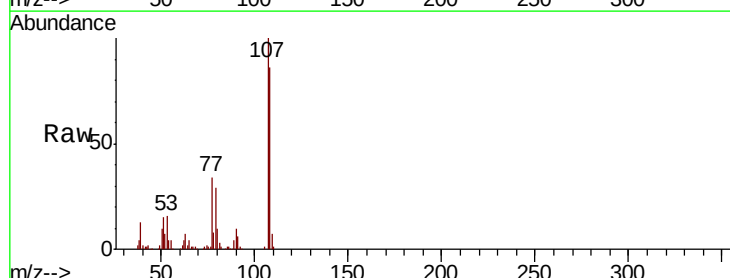
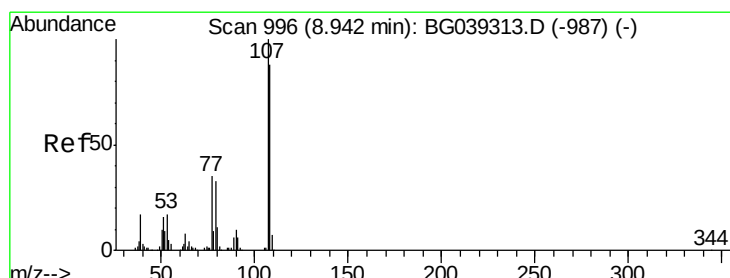
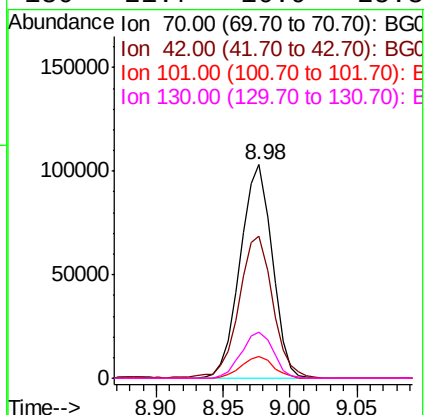
Ion Ratio Lower Upper

70 100

42 66.7 60.4 90.6

101 9.9 7.5 11.3

130 21.7 16.9 25.3



#20

3+4-Methylphenols

Concen: 45.376 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

Tgt Ion:107 Resp: 240400

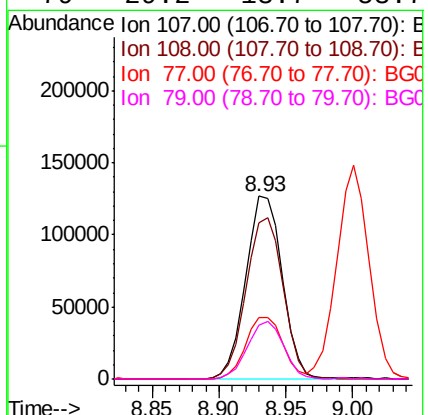
Ion Ratio Lower Upper

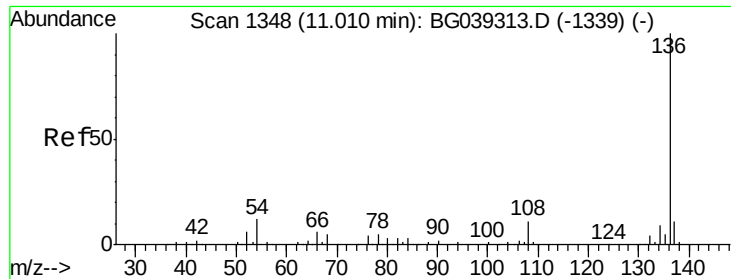
107 100

108 85.8 67.9 107.9

77 33.5 15.4 55.4

79 29.2 13.7 53.7

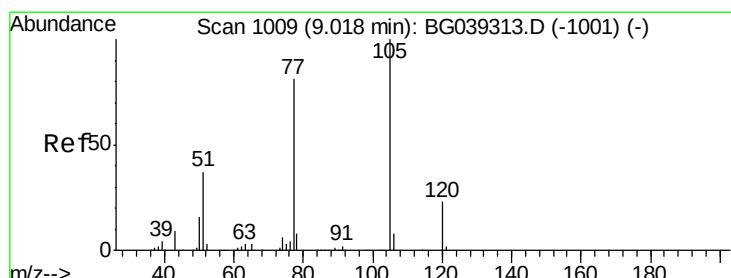
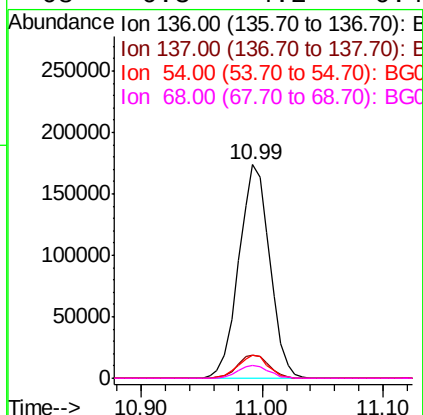
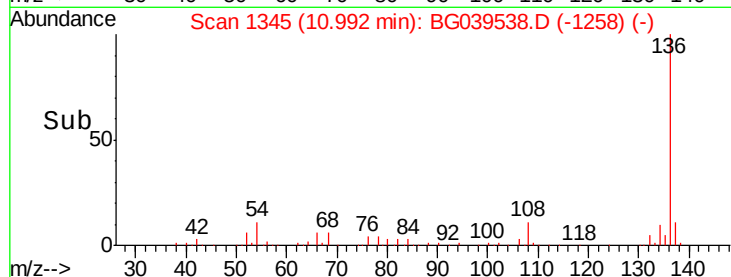
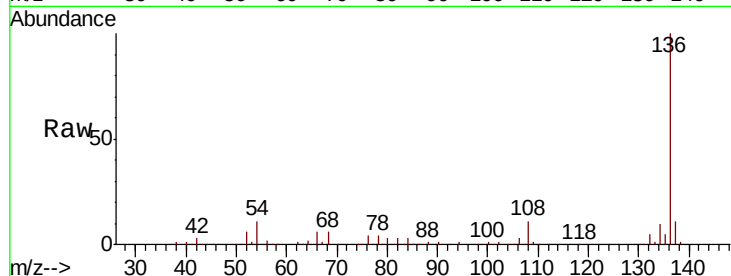




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039538.D
Acq: 18 Feb 2019 14:10

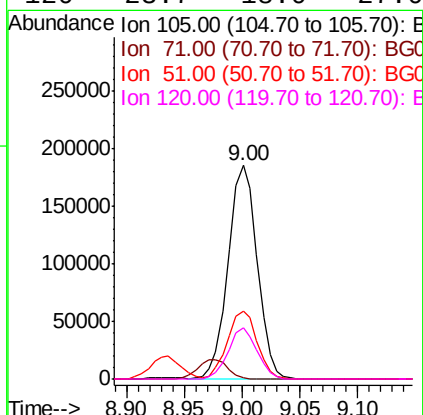
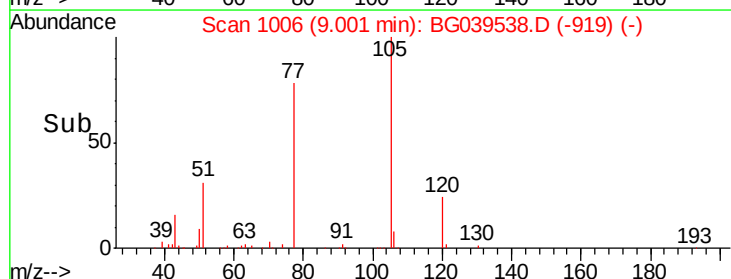
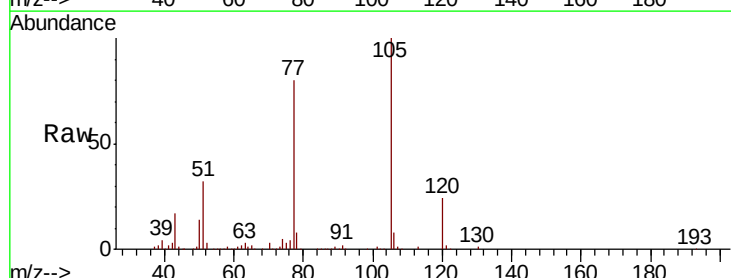
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

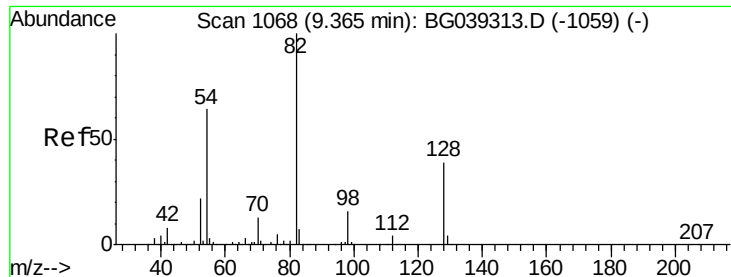
Tot Ion:136	Resp:	309570
Ion	Ratio	Lower Upper
136	100	
137	10.9	9.1 13.7
54	10.8	9.4 14.2
68	6.3	4.2 6.4



#22
Acetophenone
Concen: 38.986 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG039538.D
Acq: 18 Feb 2019 14:10

Tgt Ion:105	Resp:	324190
Ion	Ratio	Lower Upper
105	100	
71	0.3	0.8 1.2#
51	32.0	30.2 45.2
120	23.7	18.0 27.0

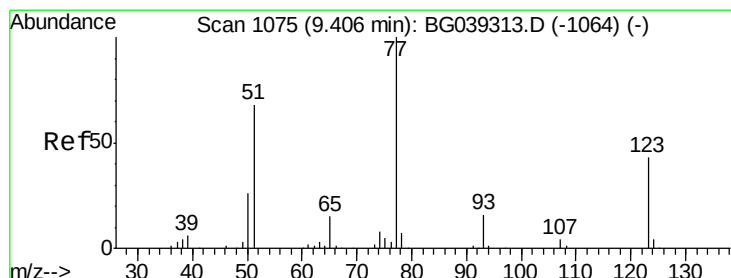
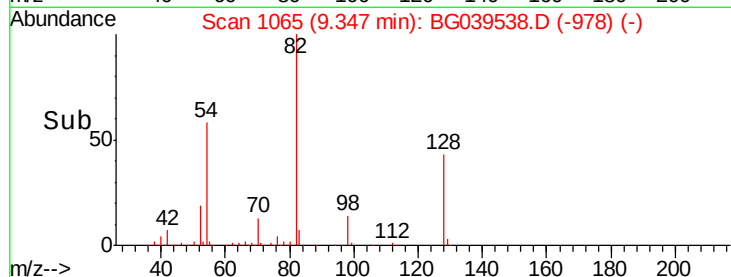
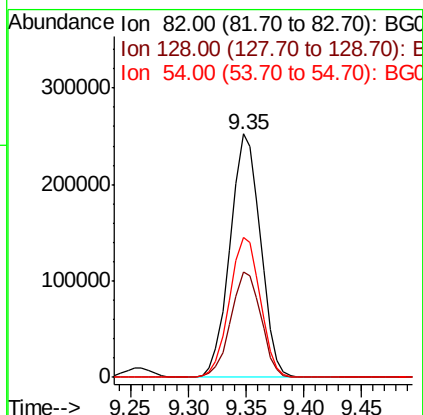
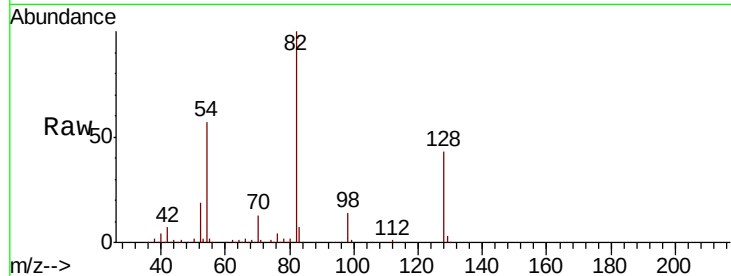




#23
Nitrobenzene-d5
Concen: 93.011 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039538.D
Acq: 18 Feb 2019 14:10

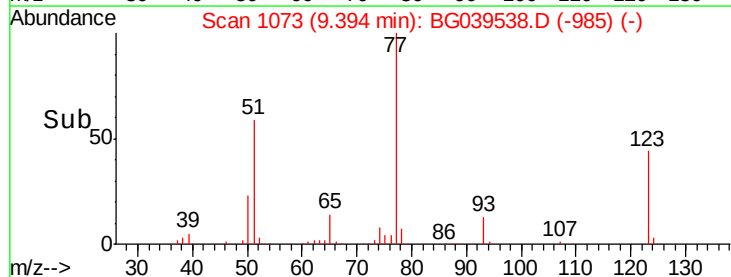
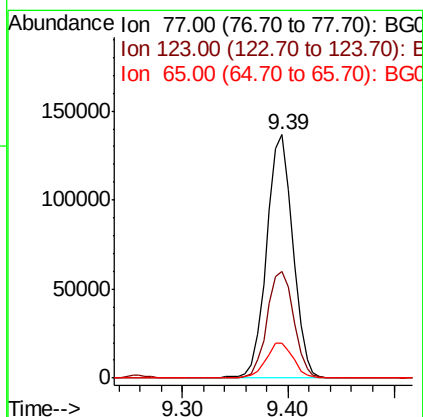
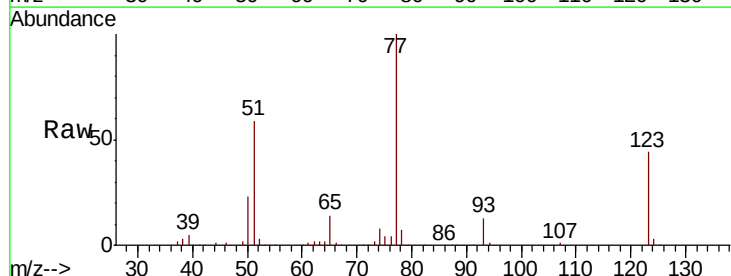
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

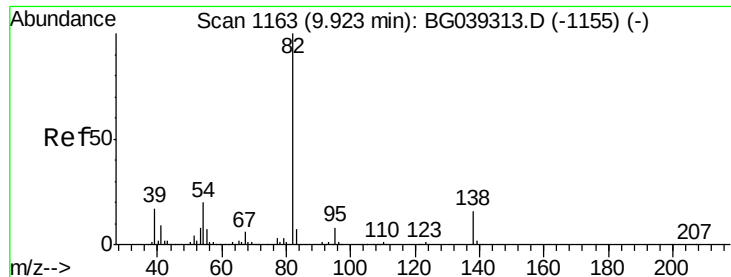
Tot Ion	82	Resp	460906
Ion Ratio	100	Lower	Upper
128	43.3	31.3	46.9
54	57.4	50.9	76.3



#24
Nitrobenzene
Concen: 43.793 ng
RT: 9.39 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BG039538.D
Acq: 18 Feb 2019 14:10

Tgt Ion	77	Resp	234441
Ion Ratio	100	Lower	Upper
123	43.7	34.1	51.1
65	14.3	12.3	18.5





#25

Isophorone

Concen: 39.447 ng

RT: 9.91 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

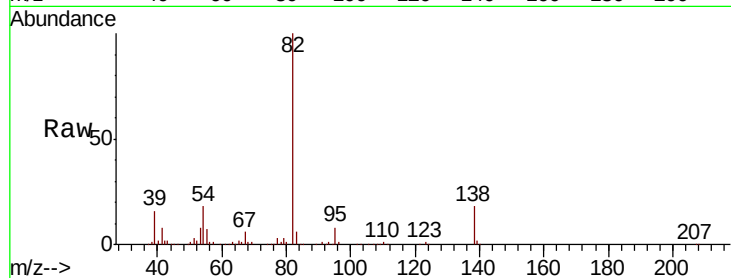
Tot Ion: 82 Resp: 433165

Ion Ratio Lower Upper

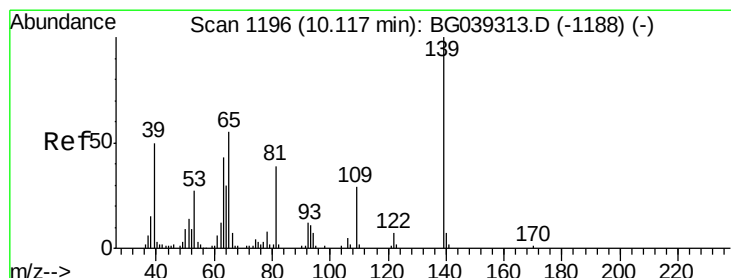
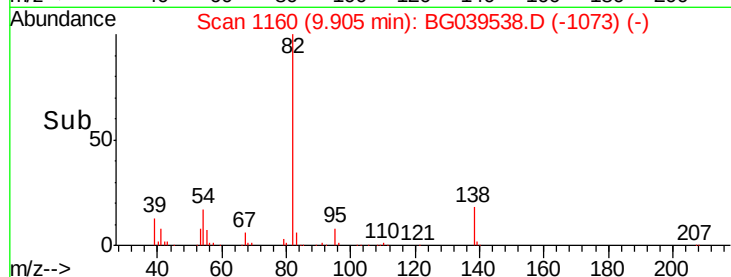
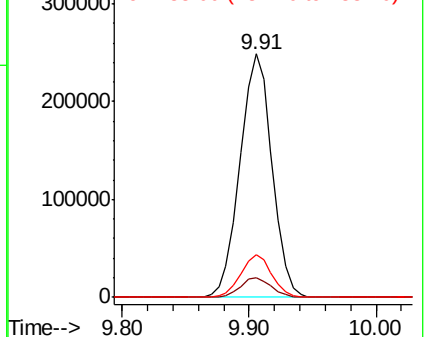
82 100

95 8.3 6.2 9.2

138 17.6 13.0 19.4



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



#26

2-Nitrophenol

Concen: 54.199 ng

RT: 10.10 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

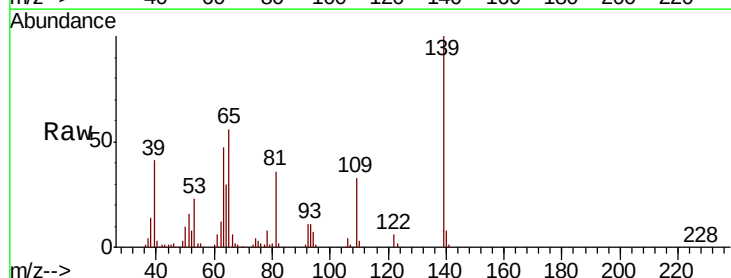
Tgt Ion: 139 Resp: 118435

Ion Ratio Lower Upper

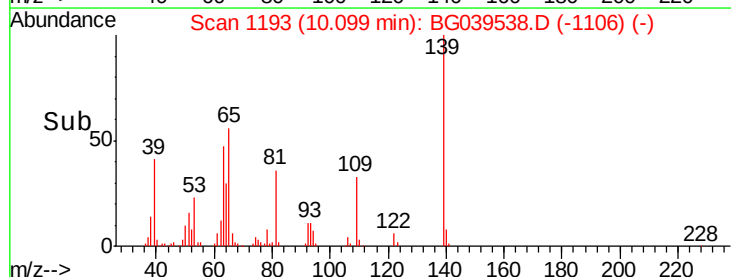
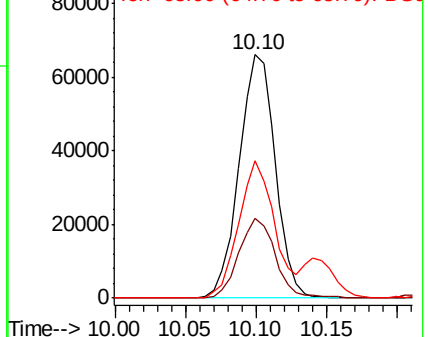
139 100

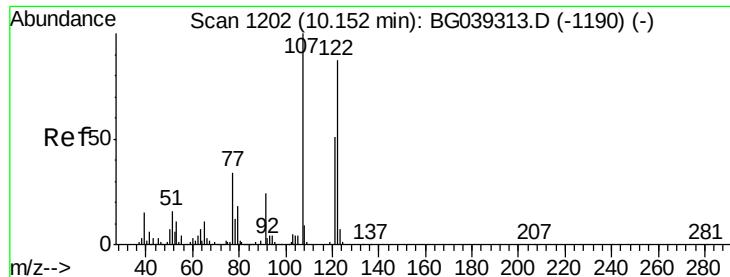
109 33.0 23.4 35.0

65 56.3 44.3 66.5



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

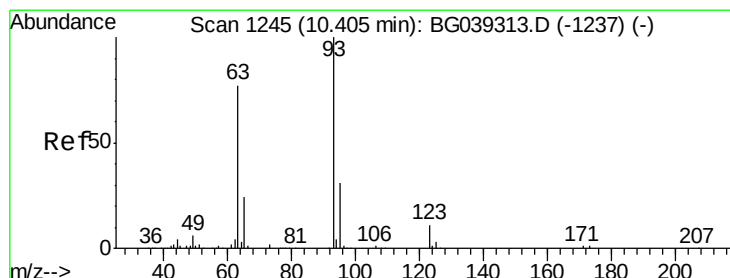
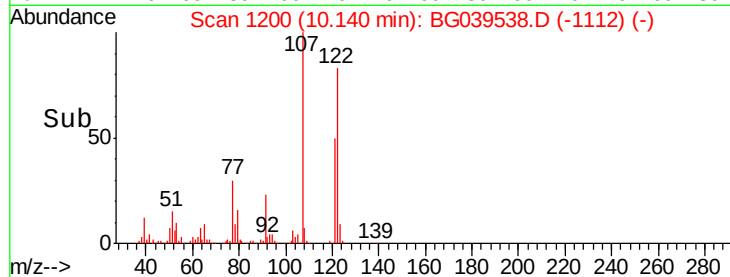
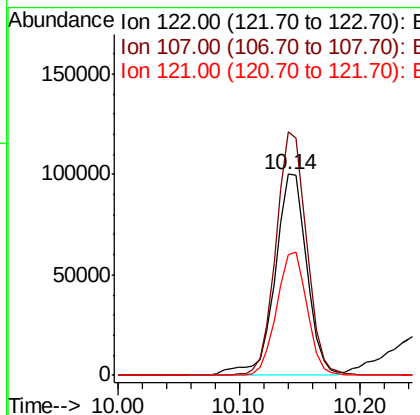
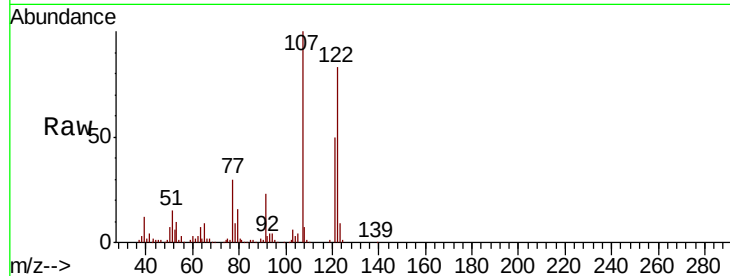




#27
 2,4-Dimethylphenol
 Concen: 40.912 ng
 RT: 10.14 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BG039538.D
 Acq: 18 Feb 2019 14:10

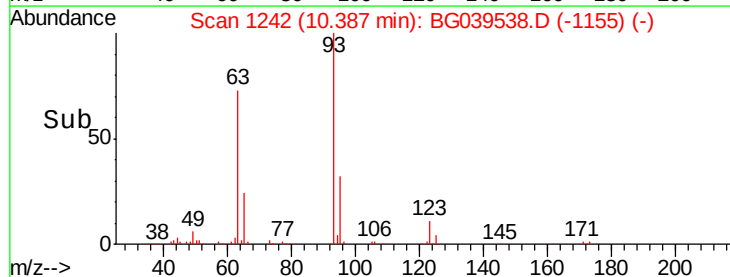
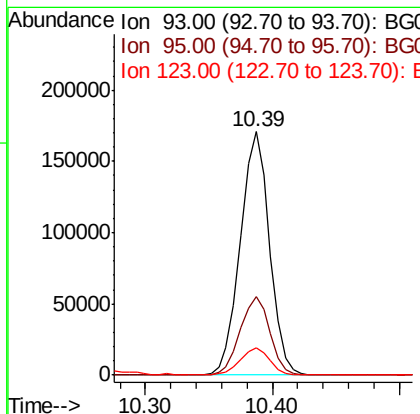
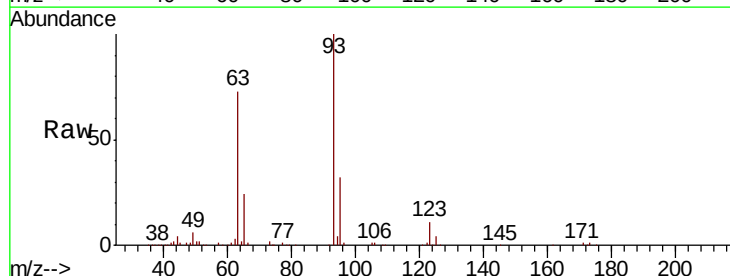
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

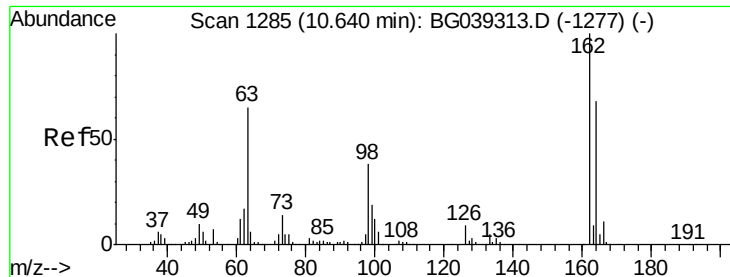
Tot Ion:122 Resp: 181738
 Ion Ratio Lower Upper
 122 100
 107 120.9 91.7 137.5
 121 60.2 46.4 69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.255 ng
 RT: 10.39 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BG039538.D
 Acq: 18 Feb 2019 14:10

Tgt Ion: 93 Resp: 272272
 Ion Ratio Lower Upper
 93 100
 95 32.3 25.0 37.4
 123 11.4 8.6 12.8

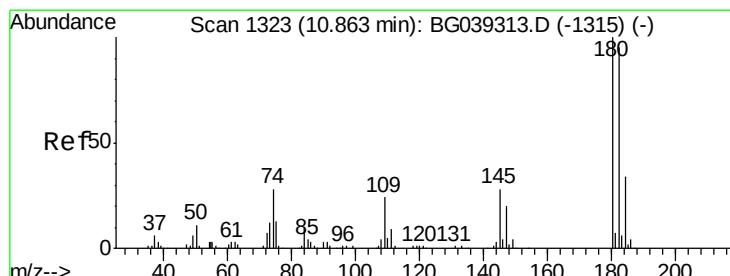
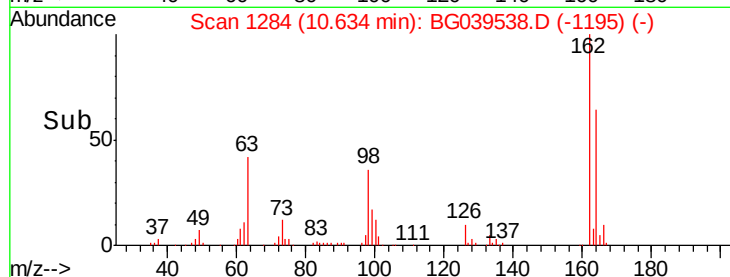
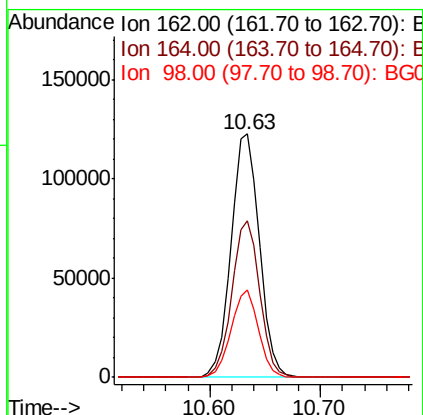
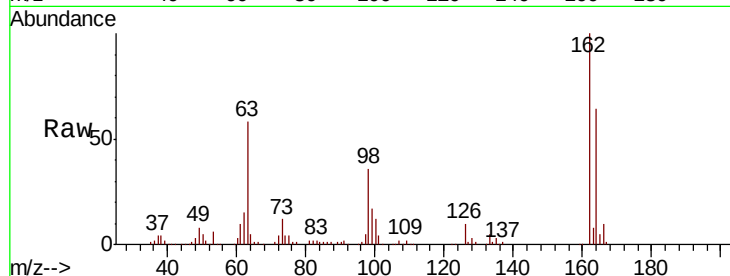




#29
2,4-Dichlorophenol
Concen: 45.558 ng
RT: 10.63 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG039538.D
Acq: 18 Feb 2019 14:10

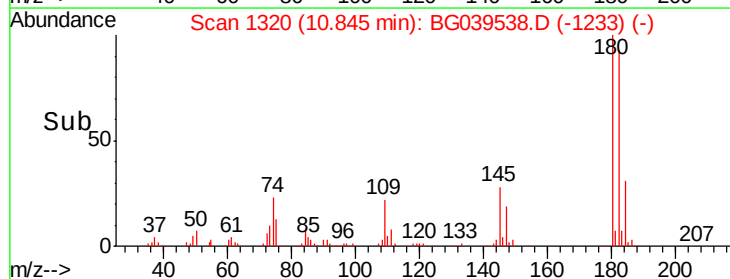
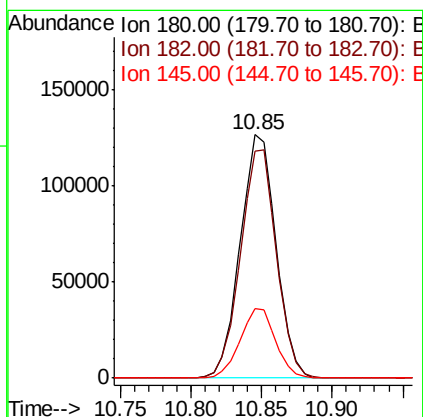
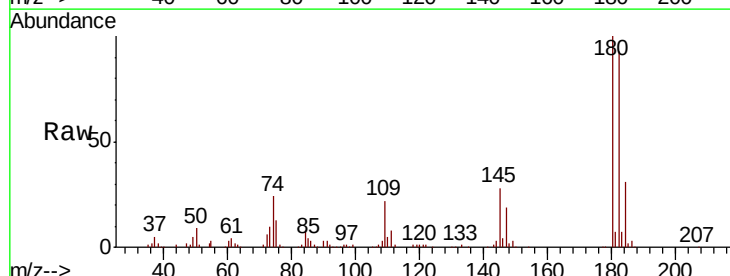
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

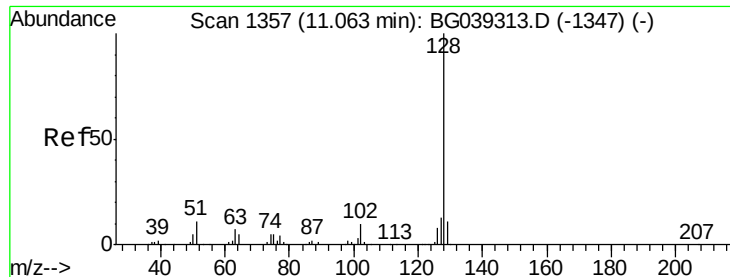
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	48.1	88.1
98	36.0	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 41.176 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG039538.D
Acq: 18 Feb 2019 14:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	76.0	114.0
145	28.3	22.7	34.1

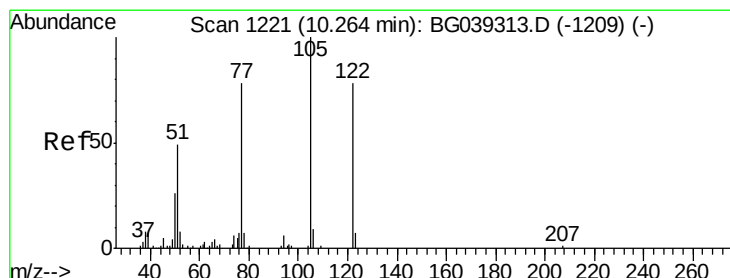
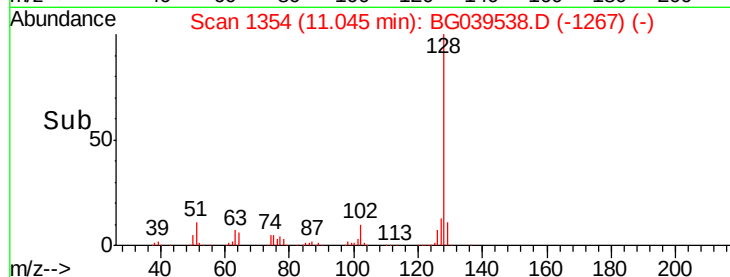
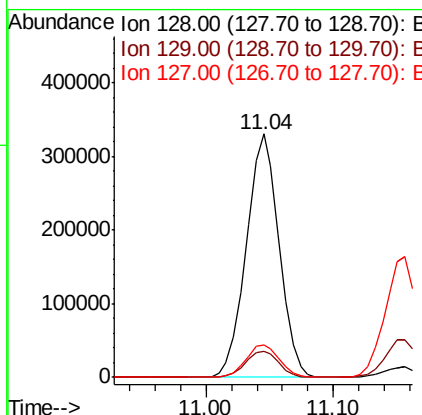
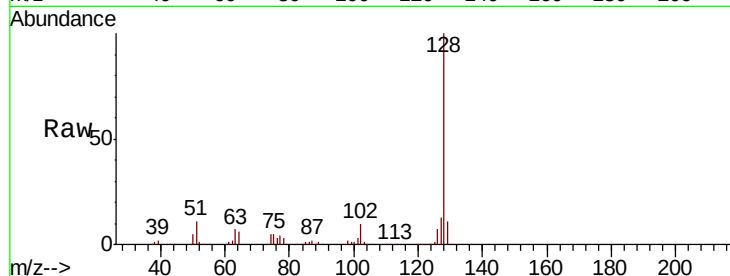




#31
Naphthalene
Concen: 38.438 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG039538.D
Acq: 18 Feb 2019 14:10

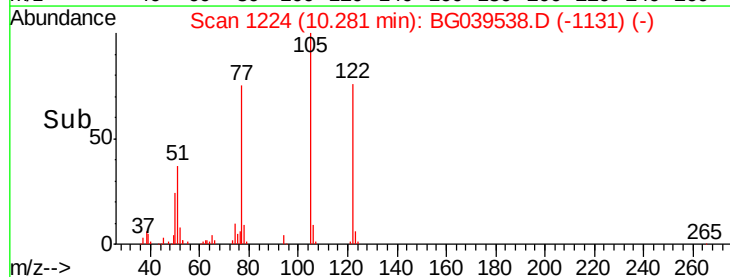
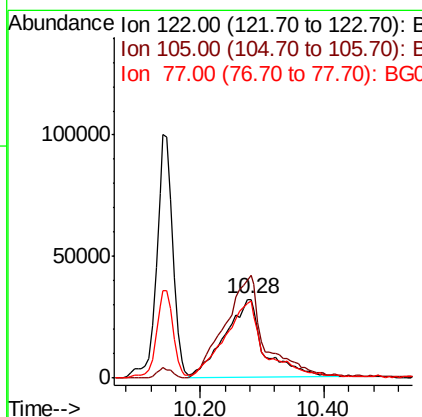
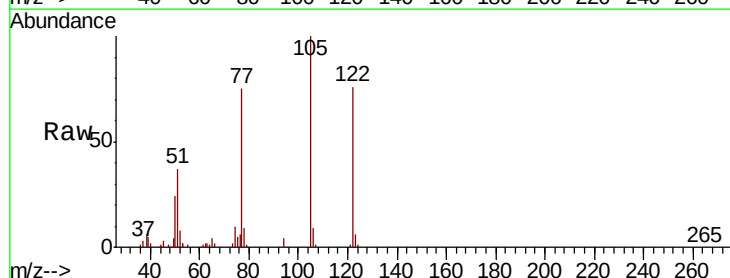
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

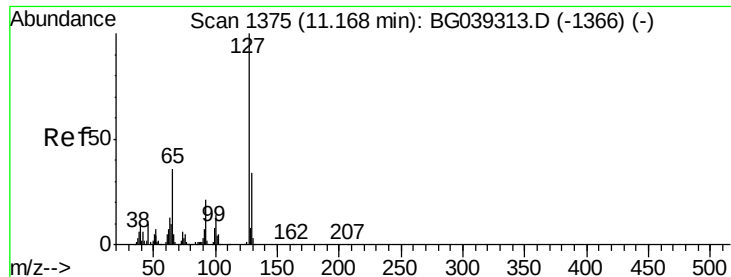
Tot Ion:128 Resp: 590308
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 48.648 ng
RT: 10.28 min Scan# 1224
Delta R.T. 0.02 min
Lab File: BG039538.D
Acq: 18 Feb 2019 14:10

Tgt Ion:122 Resp: 141943
Ion Ratio Lower Upper
122 100
105 131.0 101.8 141.8
77 98.0 76.3 116.3

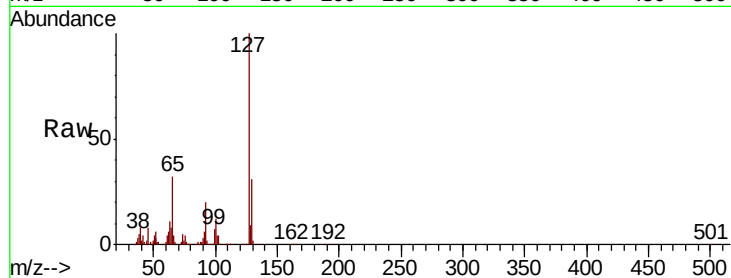




#33
4-Chloroaniline
Concen: 41.541 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG039538.D
Acq: 18 Feb 2019 14:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	295805
Ion	Ratio	Lower	Upper
127	100		
129	30.7	27.0	40.4
65	32.1	28.8	43.2
92	20.3	16.6	25.0



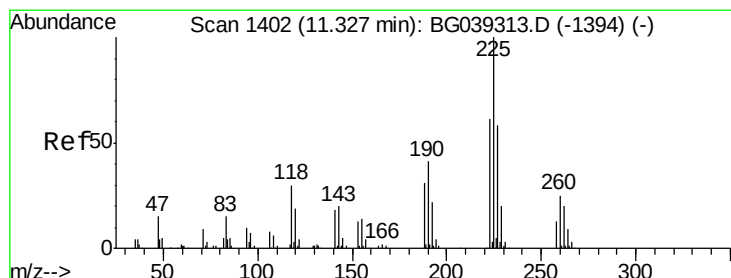
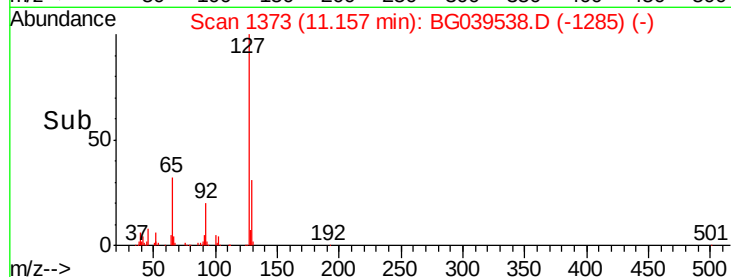
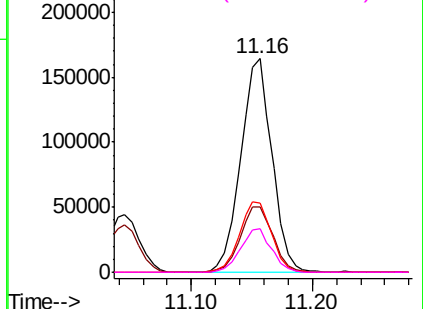
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

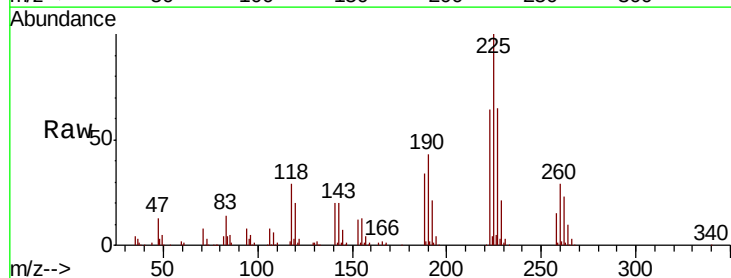
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 41.424 ng
RT: 11.30 min Scan# 1398
Delta R.T. -0.02 min
Lab File: BG039538.D
Acq: 18 Feb 2019 14:10

Tgt Ion:	225	Resp:	150155
Ion	Ratio	Lower	Upper
225	100		
223	64.2	49.0	73.6
227	65.5	46.3	69.5

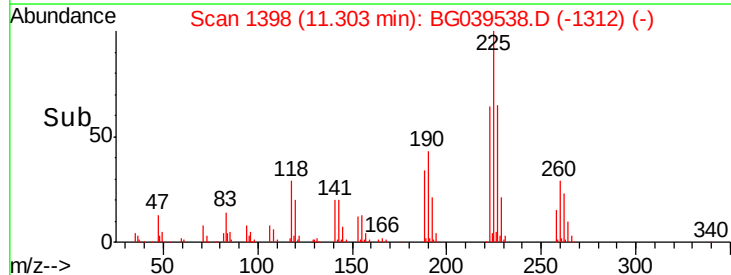
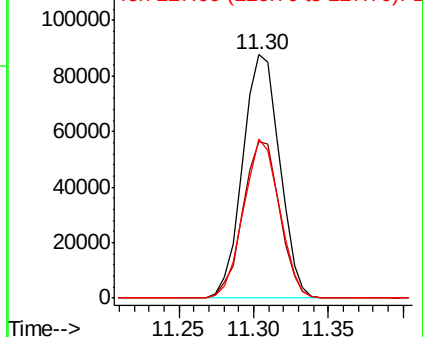


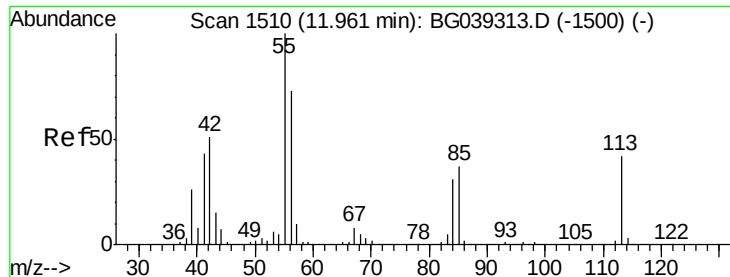
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 45.142 ng

RT: 11.96 min Scan# 1509

Delta R.T. -0.01 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

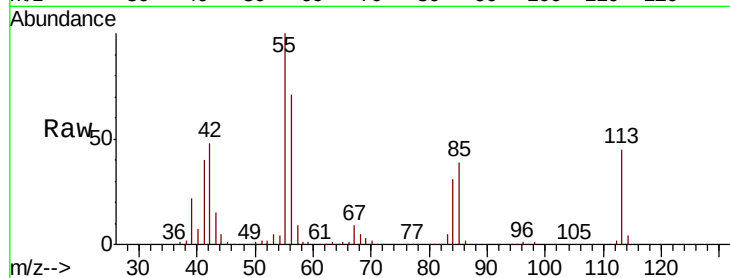
Tot Ion:113 Resp: 90690

Ion Ratio Lower Upper

113 100

55 221.8 216.9 256.9

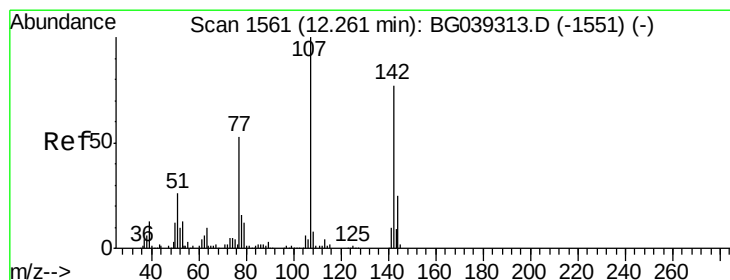
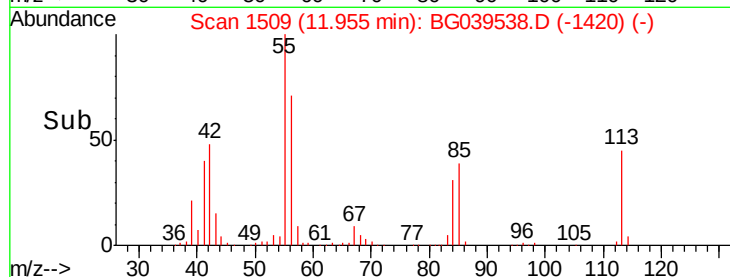
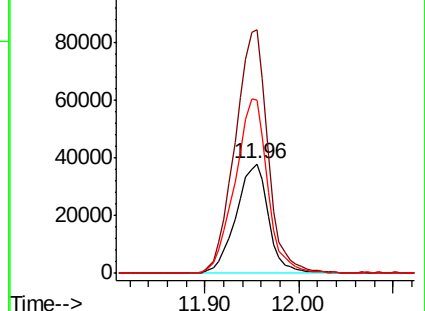
56 157.3 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 44.289 ng

RT: 12.26 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

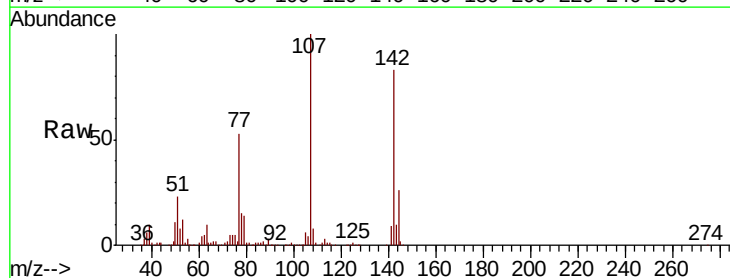
Tgt Ion:107 Resp: 248672

Ion Ratio Lower Upper

107 100

144 26.0 20.2 30.2

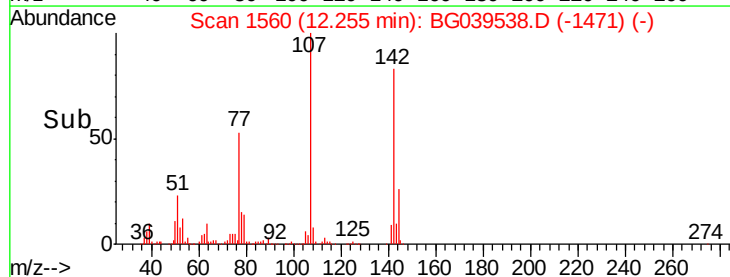
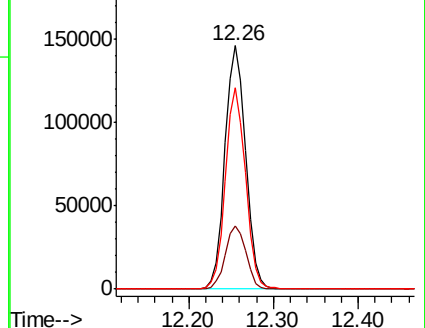
142 82.8 61.4 92.2

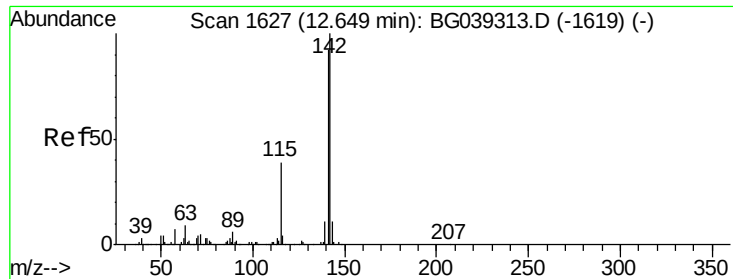


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

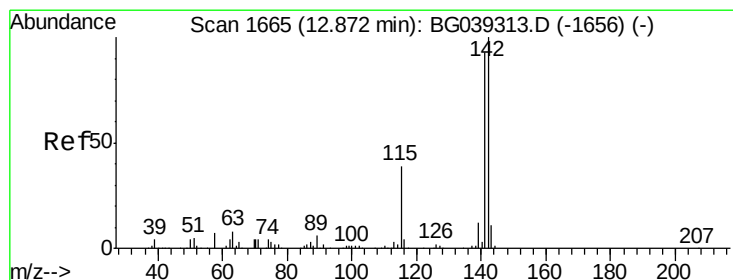
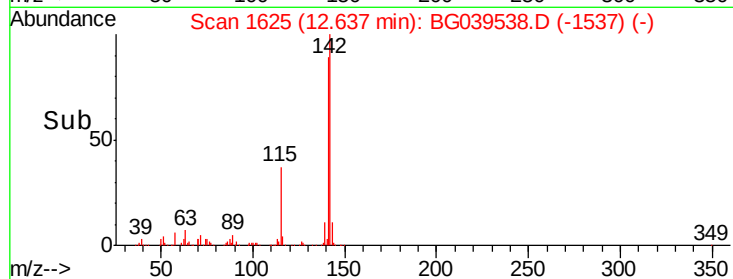
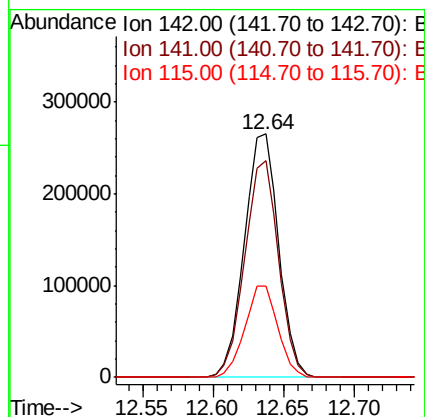
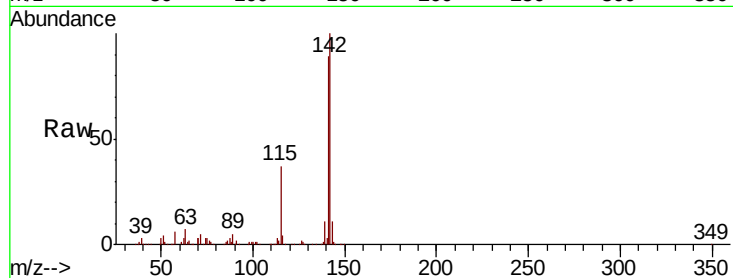




#37
2-Methylnaphthalene
Concen: 39.687 ng
RT: 12.64 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BG039538.D
Acq: 18 Feb 2019 14:10

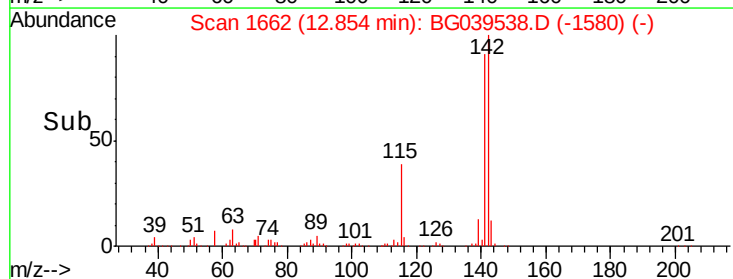
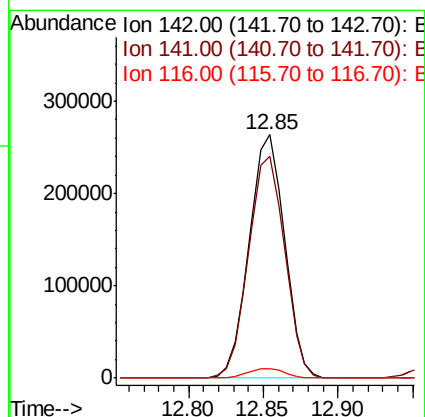
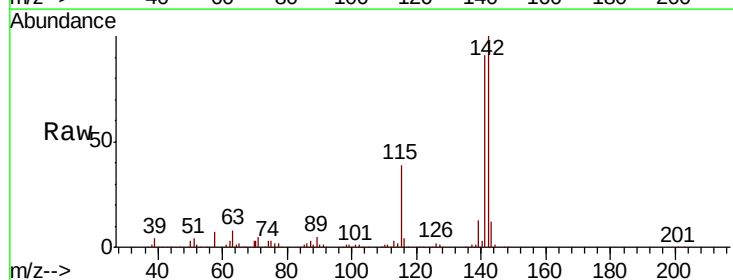
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

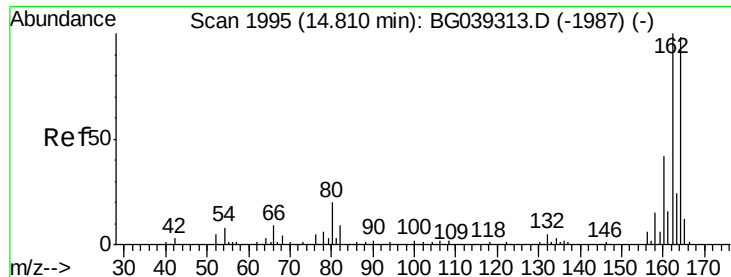
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	73.5	110.3
115	37.5	30.8	46.2



#38
1-Methylnaphthalene
Concen: 39.537 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.02 min
Lab File: BG039538.D
Acq: 18 Feb 2019 14:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	74.2	111.4
116	4.0	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

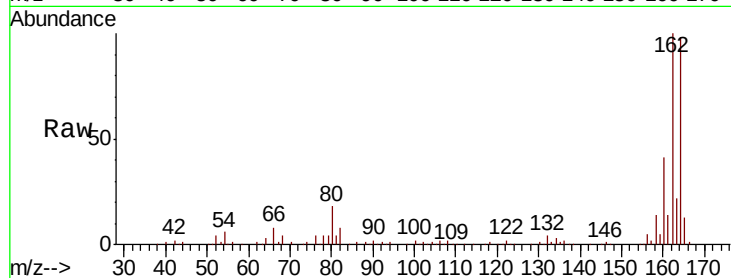
Tot Ion:164 Resp: 218313

Ion Ratio Lower Upper

164 100

162 102.3 81.6 122.4

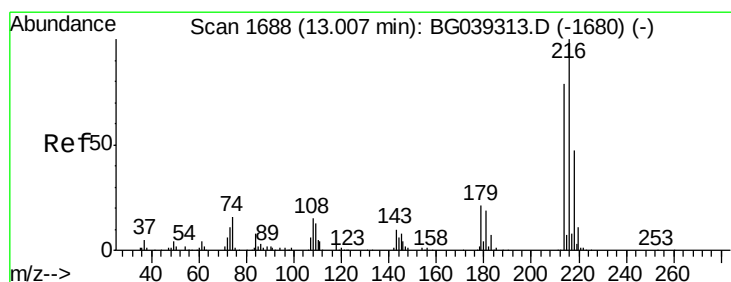
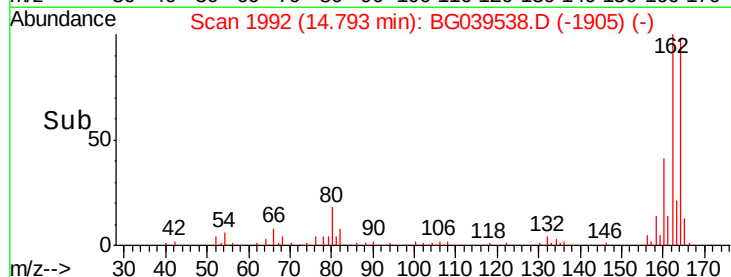
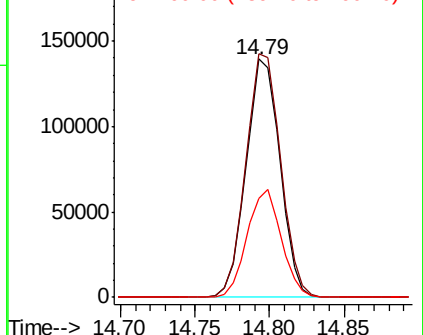
160 41.6 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.437 ng

RT: 12.99 min Scan# 1685

Delta R.T. -0.02 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

Tgt Ion:216 Resp: 280880

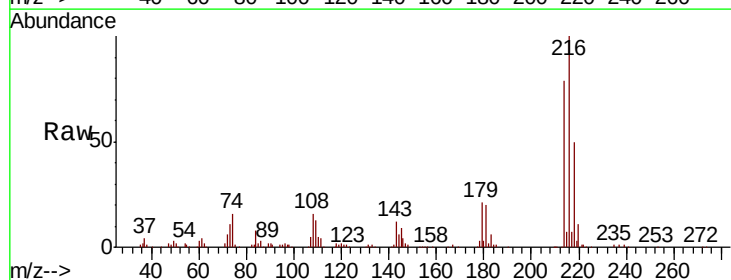
Ion Ratio Lower Upper

216 100

214 78.6 62.6 94.0

179 20.4 16.6 25.0

108 16.2 14.0 21.0

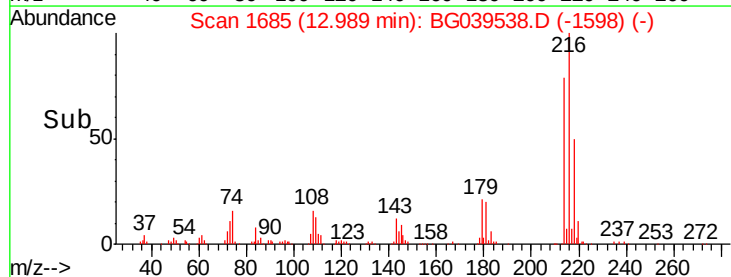
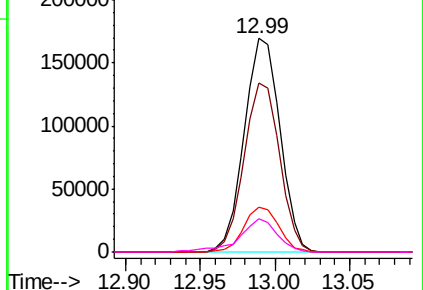


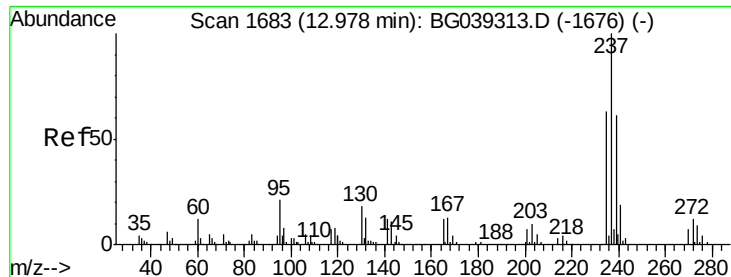
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 44.650 ng

RT: 12.96 min Scan# 1680

Delta R.T. -0.02 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

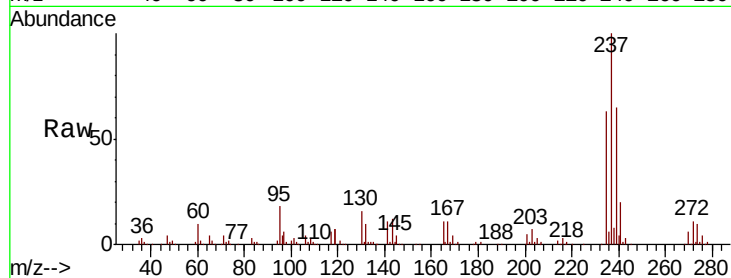
Tot Ion:237 Resp: 169001

Ion Ratio Lower Upper

237 100

235 63.3 43.3 83.3

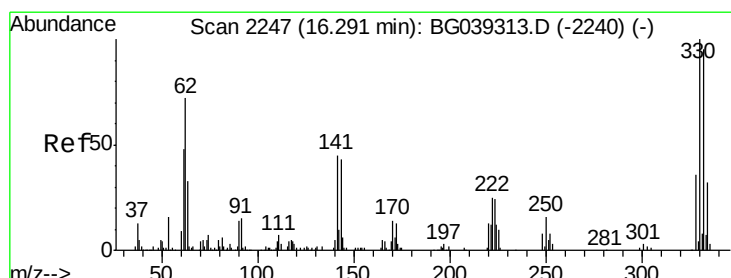
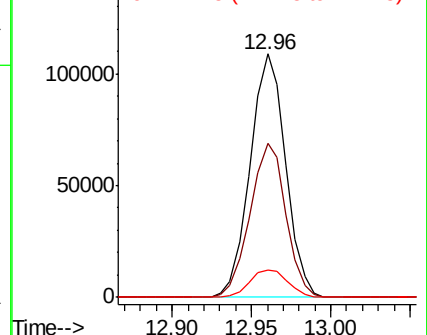
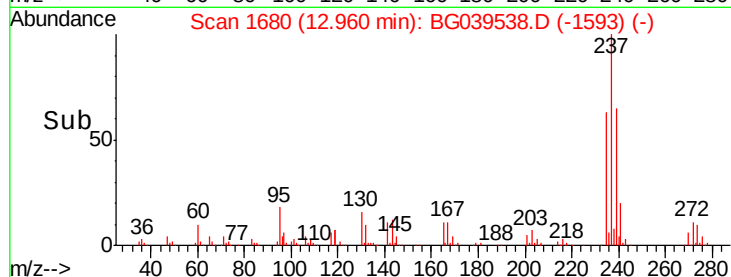
272 11.3 0.0 32.3



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: 91.168 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

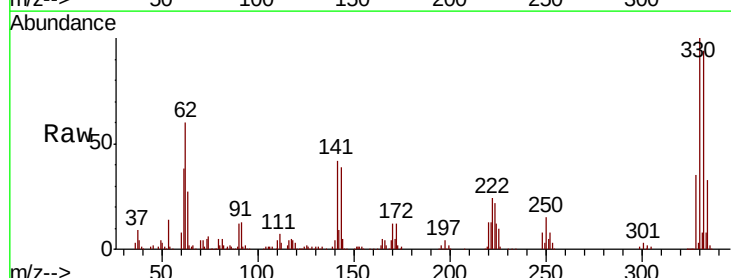
Tgt Ion:330 Resp: 214324

Ion Ratio Lower Upper

330 100

332 96.4 75.7 113.5

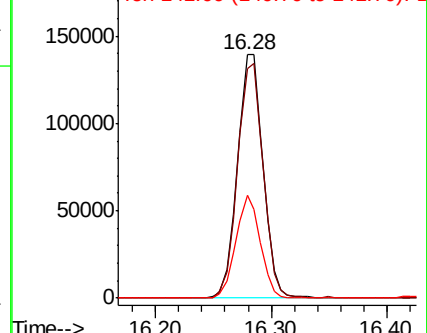
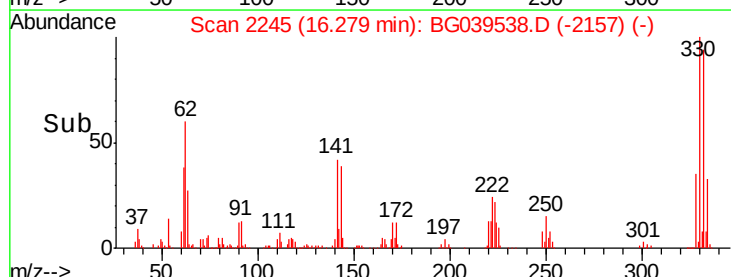
141 40.3 35.6 53.4

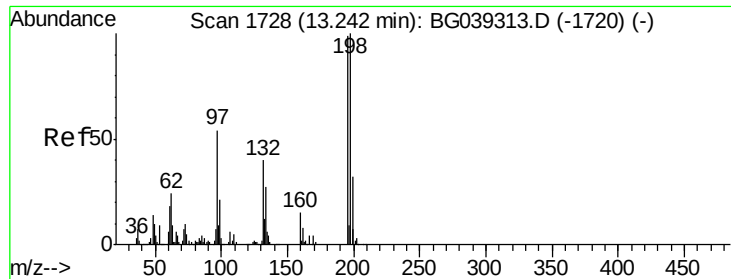


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

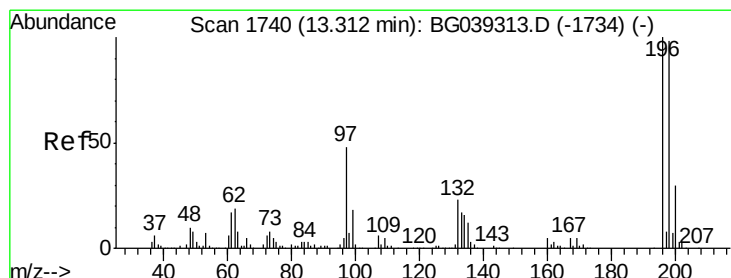
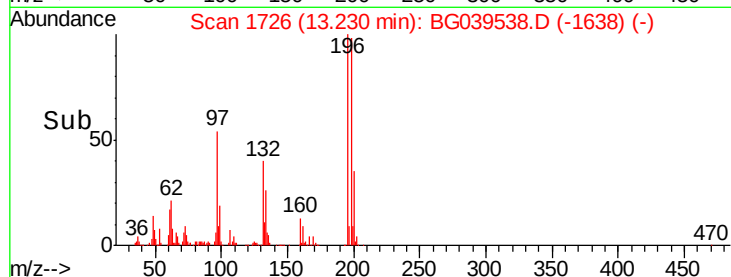
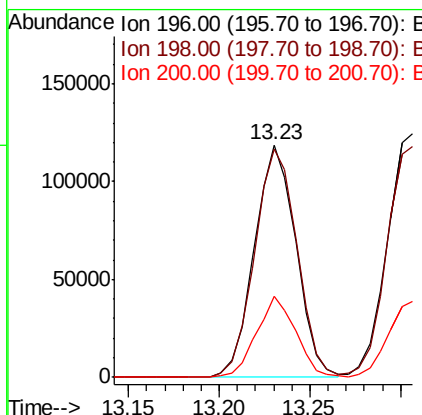
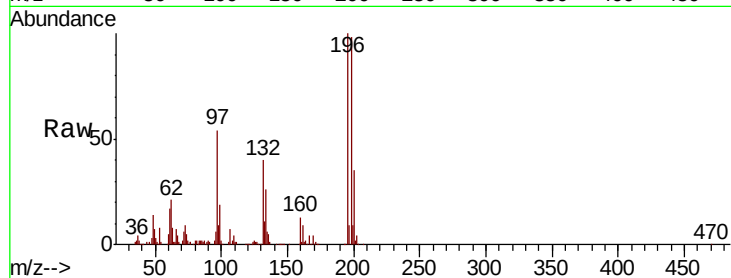




#43
 2,4,6-Trichlorophenol
 Concen: 44.253 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039538.D
 Acq: 18 Feb 2019 14:10

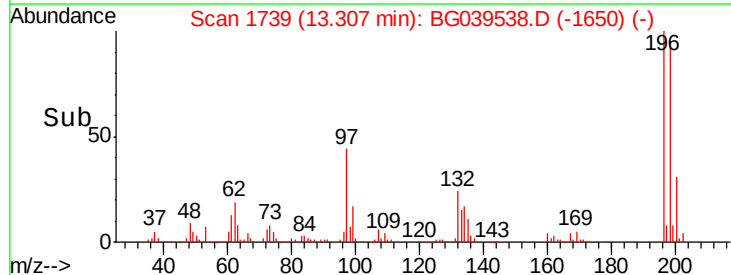
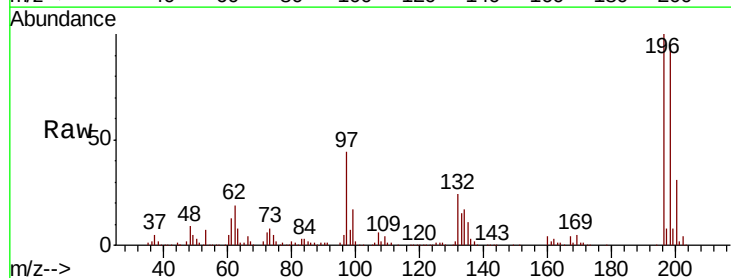
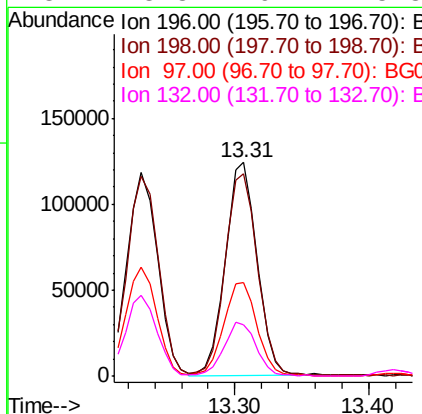
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

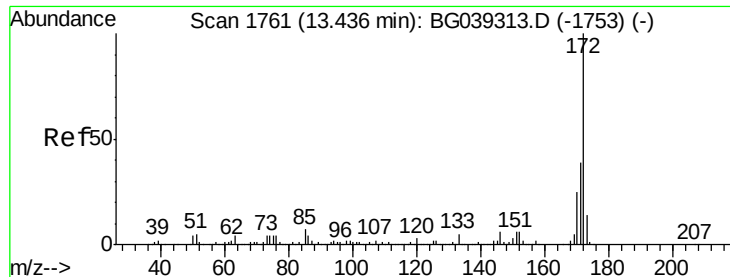
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.2	80.6	121.0
200	34.6	26.1	39.1



#44
 2,4,5-Trichlorophenol
 Concen: 46.099 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG039538.D
 Acq: 18 Feb 2019 14:10

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.0	78.5	117.7
97	43.7	38.4	57.6
132	23.8	19.2	28.8

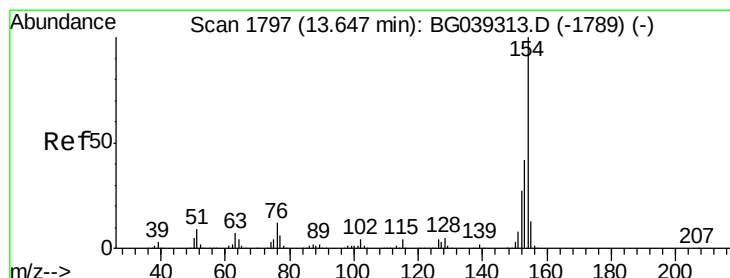
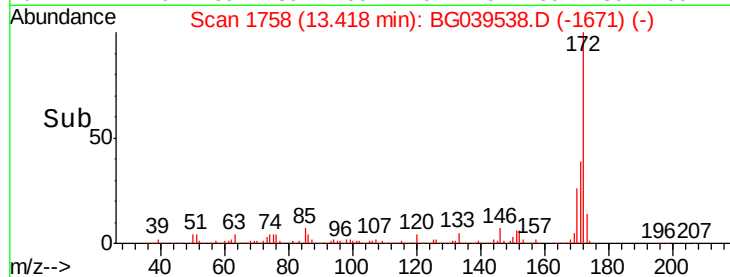
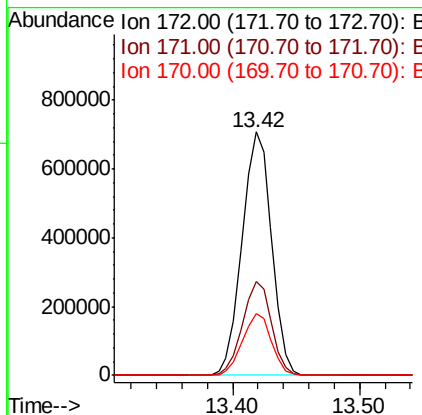
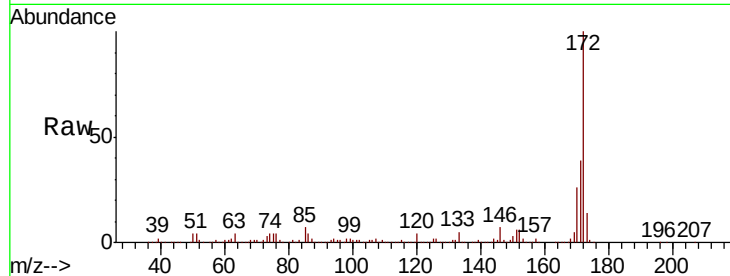




#45
2-Fluorobiphenyl
Concen: 74.742 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039538.D
Acq: 18 Feb 2019 14:10

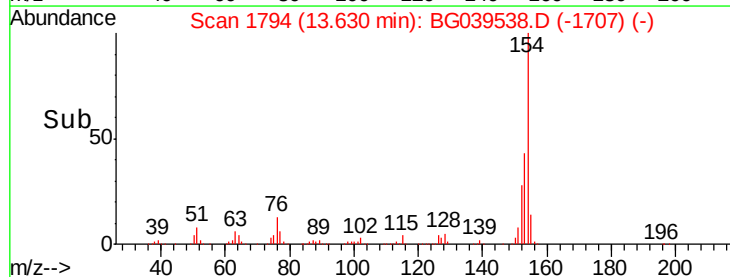
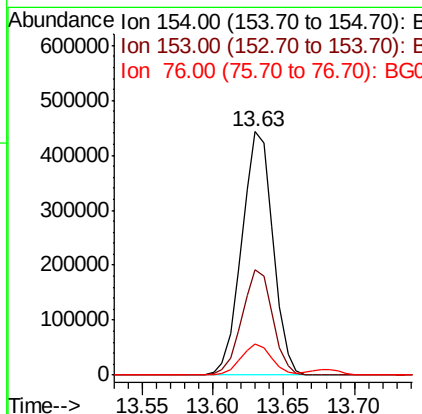
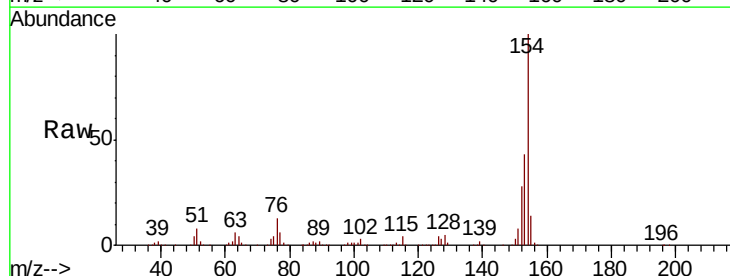
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

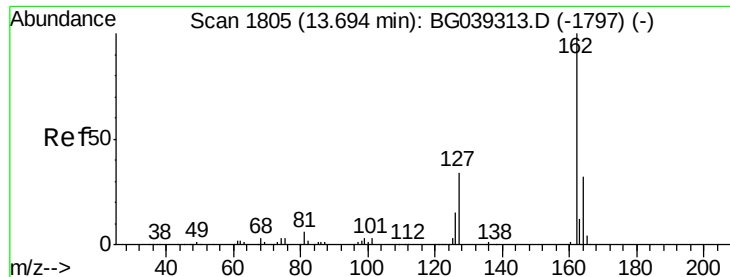
Tot Ion:172 Resp: 1137444
Ion Ratio Lower Upper
172 100
171 38.6 30.8 46.2
170 25.6 20.2 30.4



#46
1,1'-Biphenyl
Concen: 37.688 ng
RT: 13.63 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BG039538.D
Acq: 18 Feb 2019 14:10

Tgt Ion:154 Resp: 684575
Ion Ratio Lower Upper
154 100
153 43.1 22.1 62.1
76 12.8 0.0 32.4





#47

2-Chloronaphthalene

Concen: 39.069 ng

RT: 13.68 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

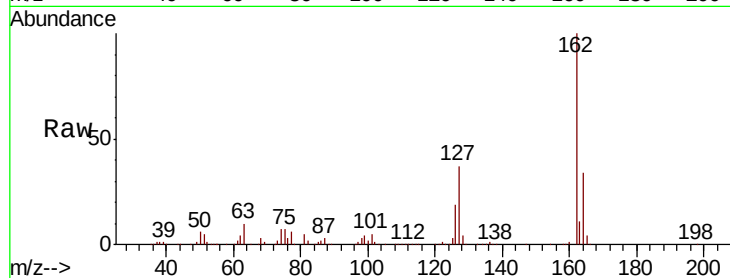
Tot Ion:162 Resp: 533858

Ion Ratio Lower Upper

162 100

127 37.4 31.0 46.6

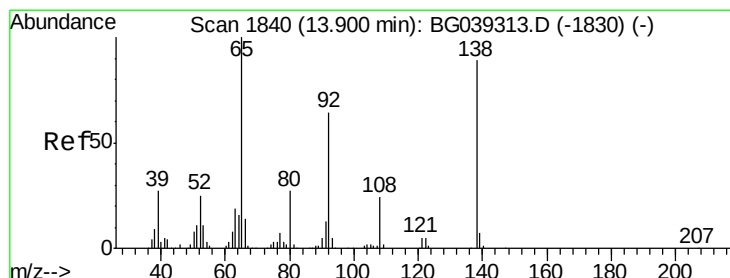
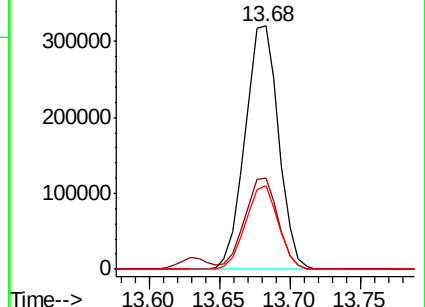
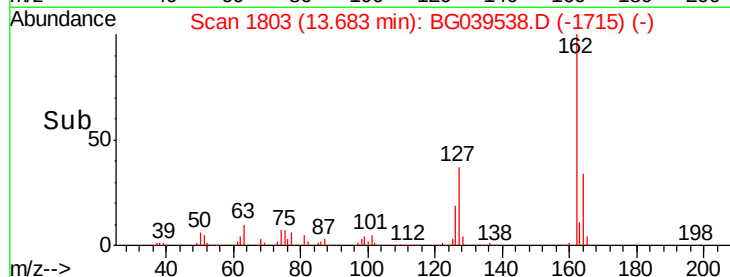
164 34.1 25.7 38.5



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: 47.275 ng

RT: 13.89 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

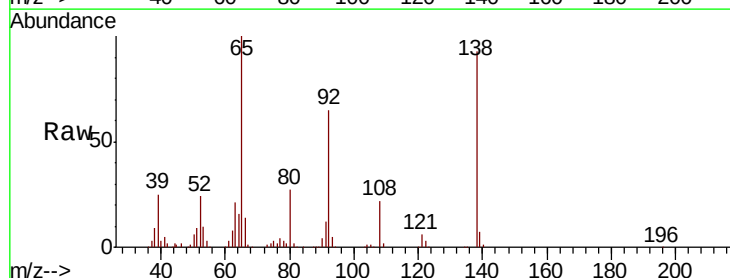
Tgt Ion: 65 Resp: 184973

Ion Ratio Lower Upper

65 100

92 65.4 51.4 77.2

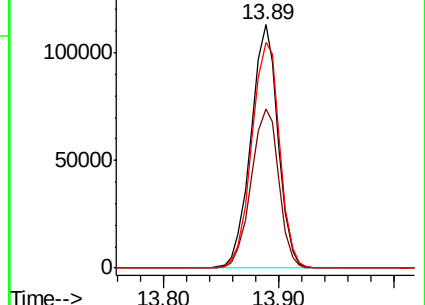
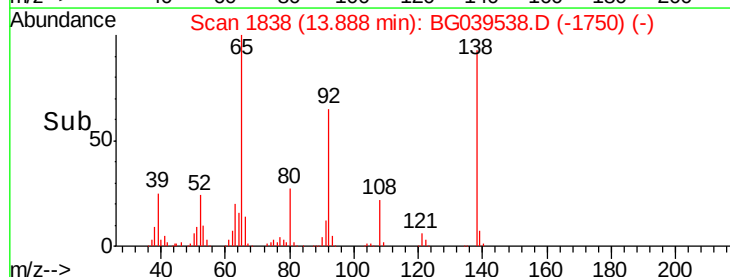
138 92.8 71.4 107.2

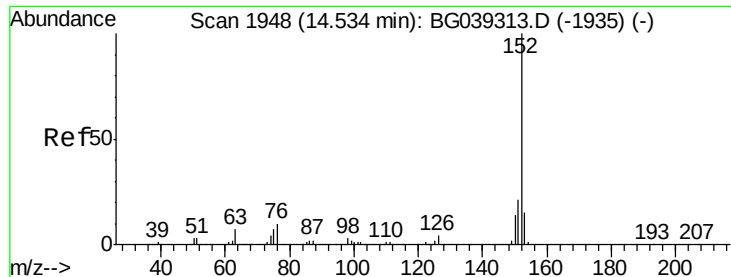


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.310 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

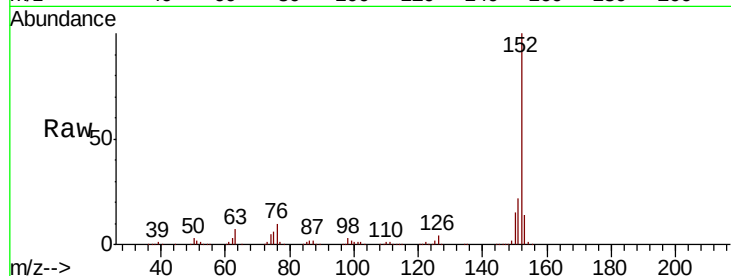
Tot Ion:152 Resp: 789904

Ion Ratio Lower Upper

152 100

151 21.9 16.8 25.2

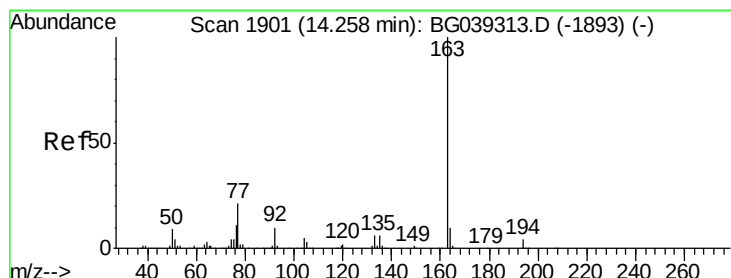
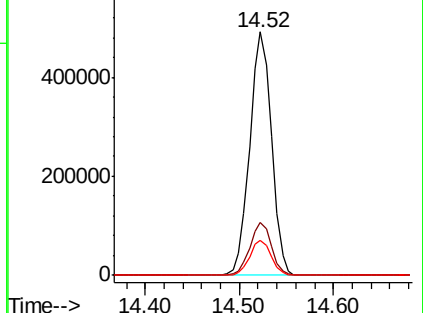
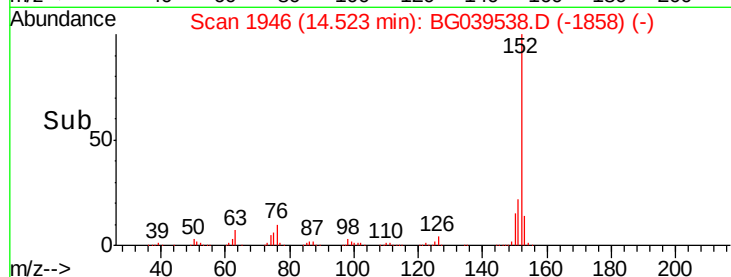
153 14.2 11.7 17.5



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: 39.271 ng

RT: 14.25 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

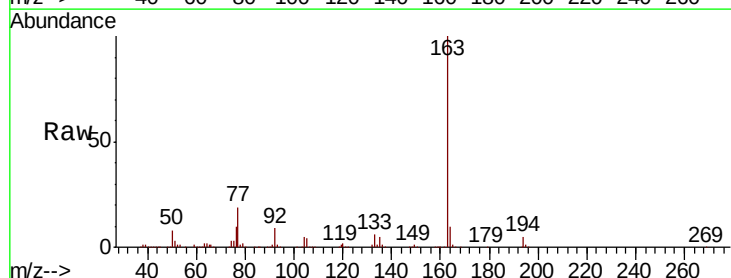
Tgt Ion:163 Resp: 692422

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

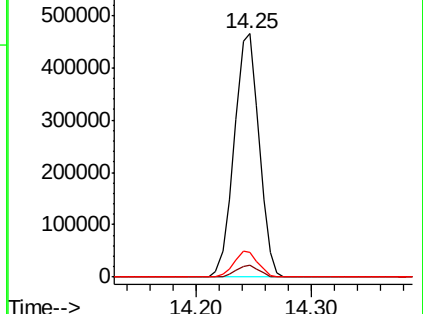
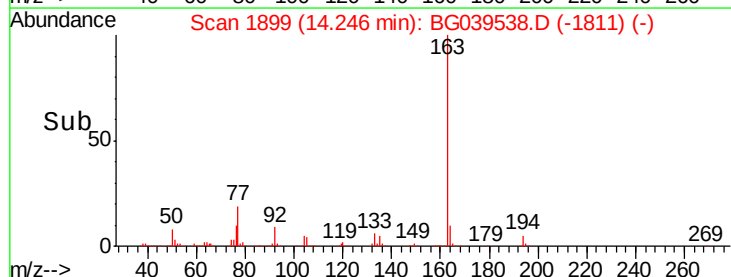
164 10.4 8.4 12.6

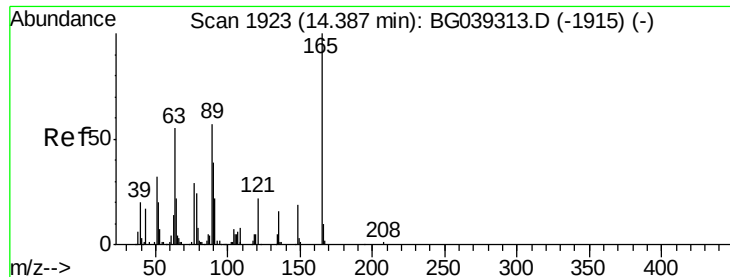


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

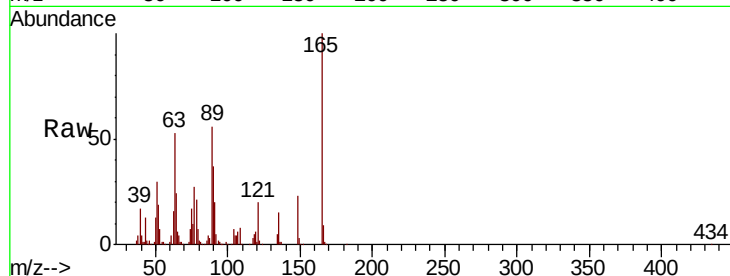




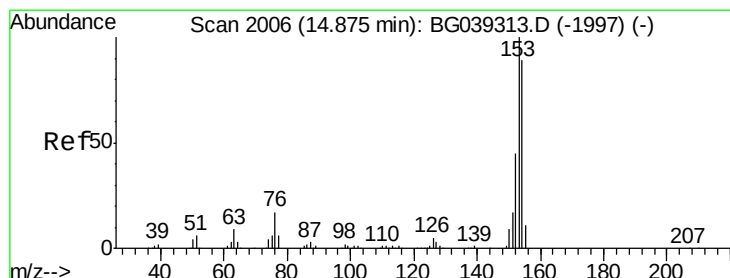
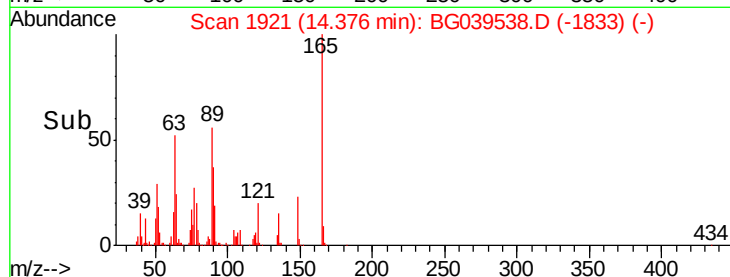
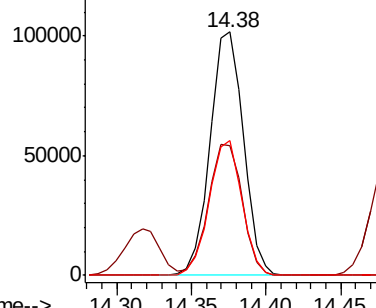
#51
 2,6-Dinitrotoluene
 Concen: 47.824 ng
 RT: 14.38 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BG039538.D
 Acq: 18 Feb 2019 14:10

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:165 Resp: 157504
 Ion Ratio Lower Upper
 165 100
 63 53.3 47.0 70.6
 89 55.6 45.8 68.8

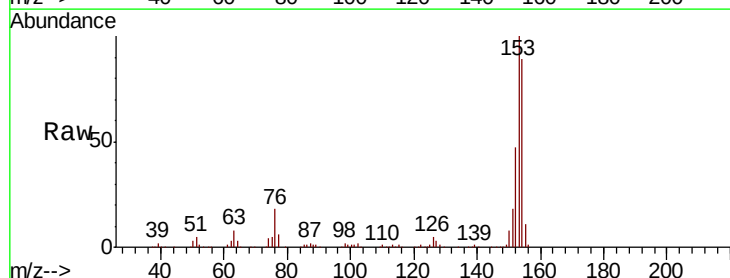


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

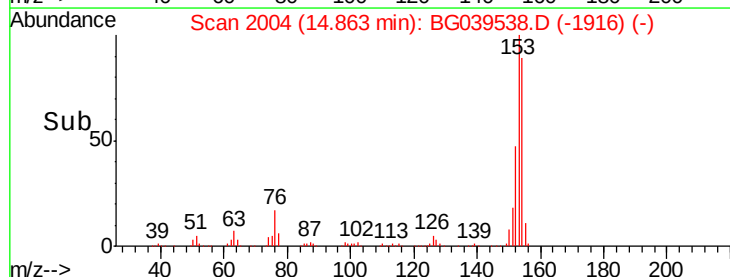
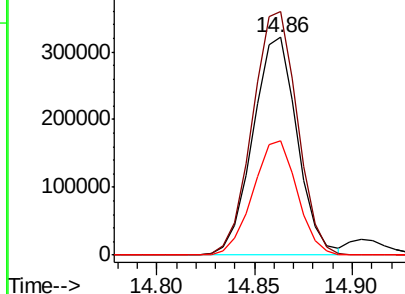


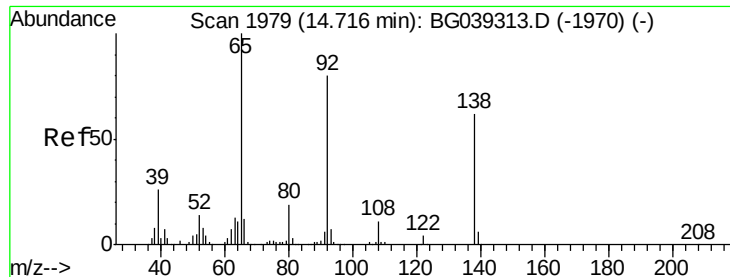
#52
 Acenaphthene
 Concen: 37.822 ng
 RT: 14.86 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BG039538.D
 Acq: 18 Feb 2019 14:10

Tgt Ion:154 Resp: 506202
 Ion Ratio Lower Upper
 154 100
 153 112.0 90.1 135.1
 152 52.8 40.9 61.3



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

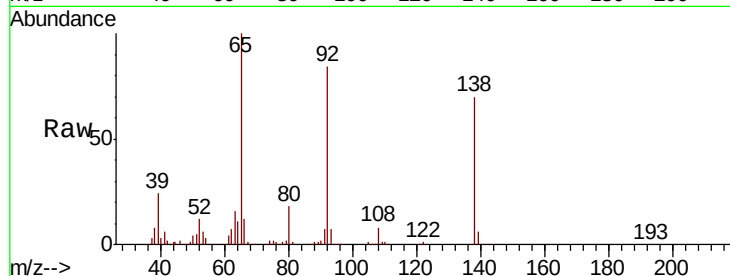




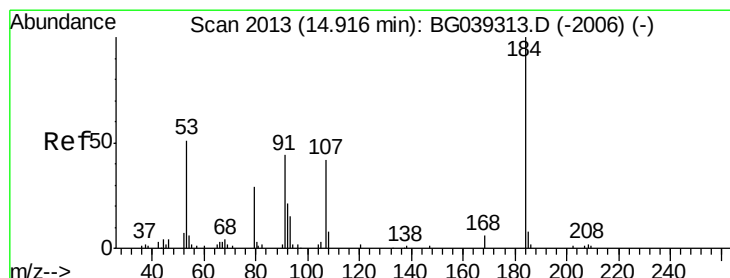
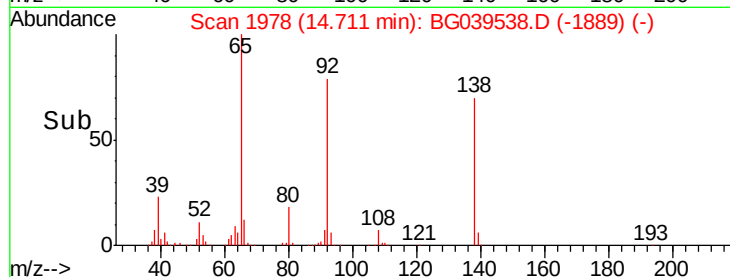
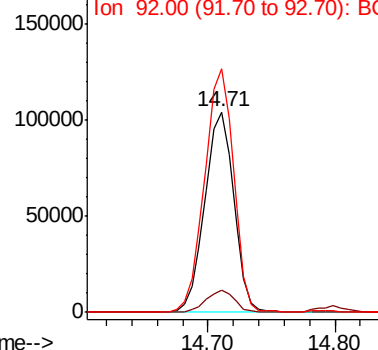
#53
3-Nitroaniline
Concen: 46.691 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG039538.D
Acq: 18 Feb 2019 14:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 165382
Ion Ratio Lower Upper
138 100
108 11.0 13.8 20.8#
92 121.4 103.7 155.5

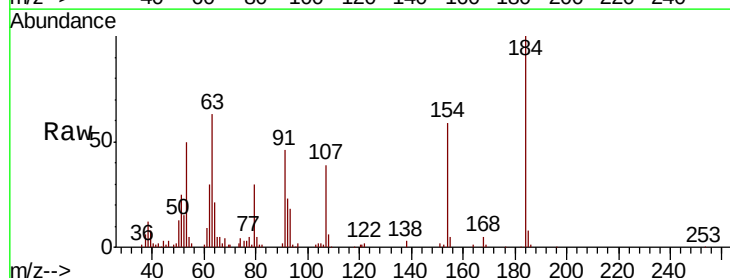


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

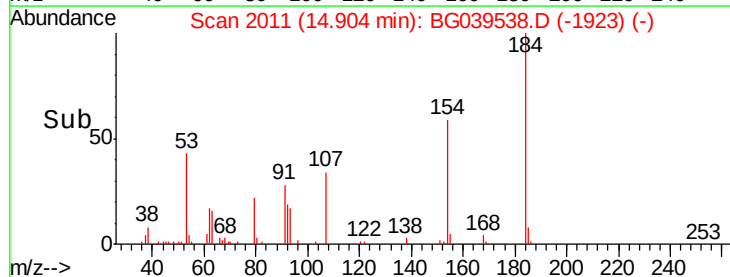
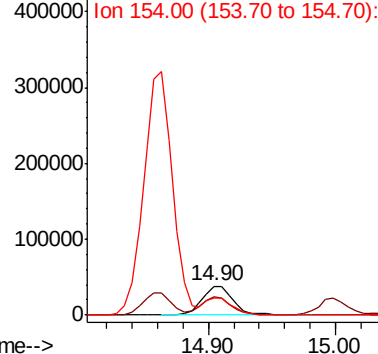


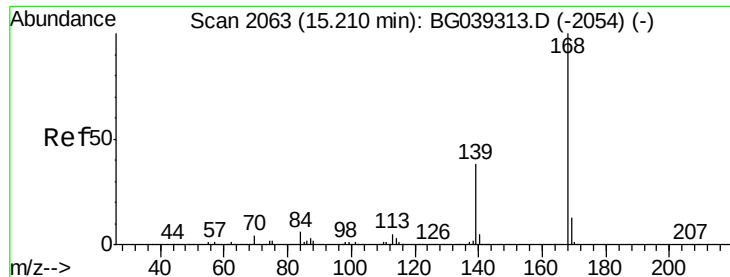
#54
2,4-Dinitrophenol
Concen: 53.012 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG039538.D
Acq: 18 Feb 2019 14:10

Tgt Ion:184 Resp: 64310
Ion Ratio Lower Upper
184 100
63 63.4 50.9 76.3
154 58.7 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

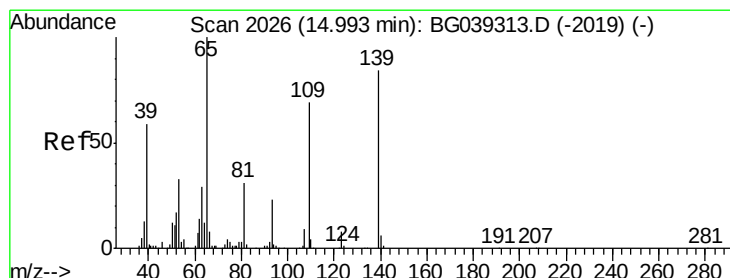
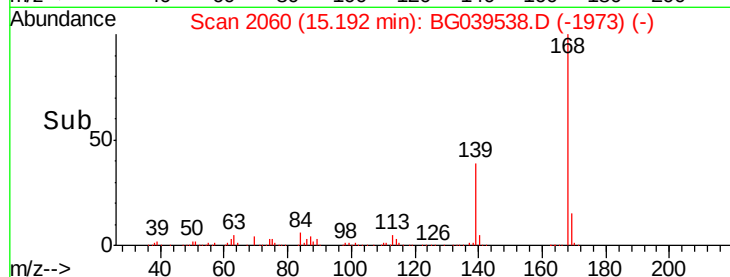
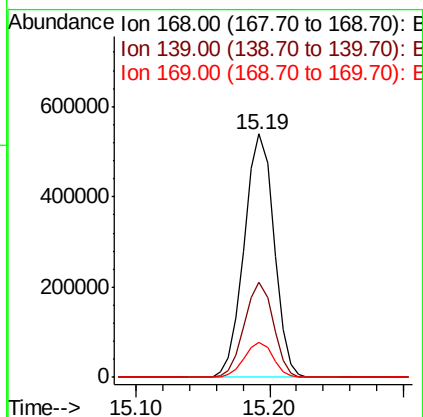
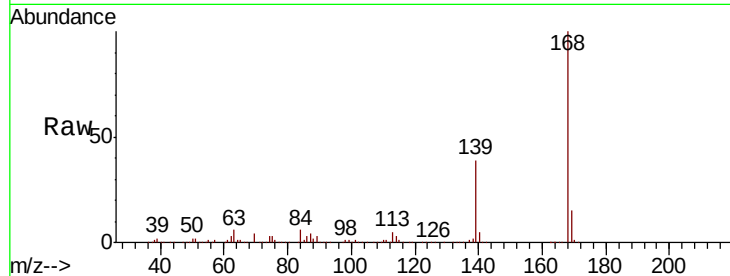




#55
Dibenzofuran
Concen: 38.700 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.02 min
Lab File: BG039538.D
Acq: 18 Feb 2019 14:10

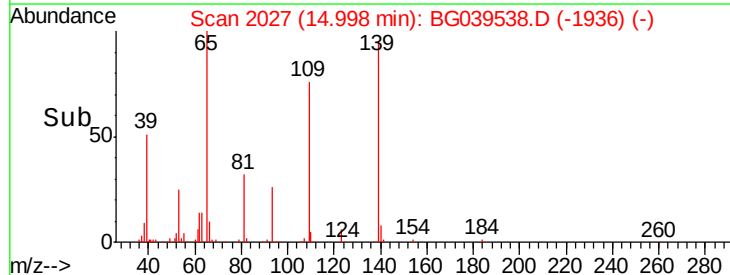
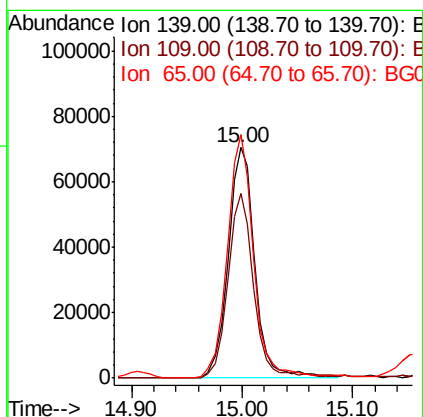
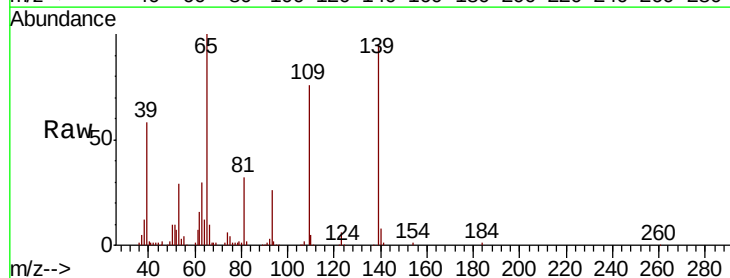
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

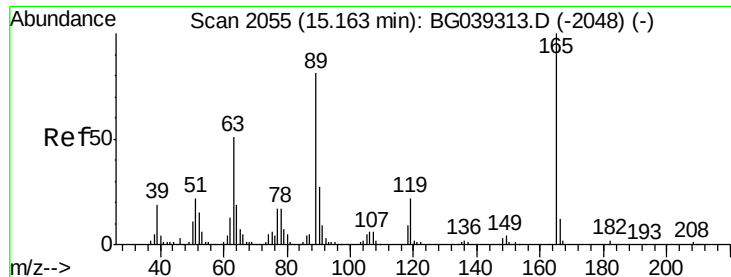
Tot Ion:168 Resp: 830462
Ion Ratio Lower Upper
168 100
139 38.9 30.1 45.1
169 14.5 10.6 16.0



#56
4-Nitrophenol
Concen: 40.424 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BG039538.D
Acq: 18 Feb 2019 14:10

Tgt Ion:139 Resp: 119020
Ion Ratio Lower Upper
139 100
109 80.0 61.9 101.9
65 105.7 99.1 139.1

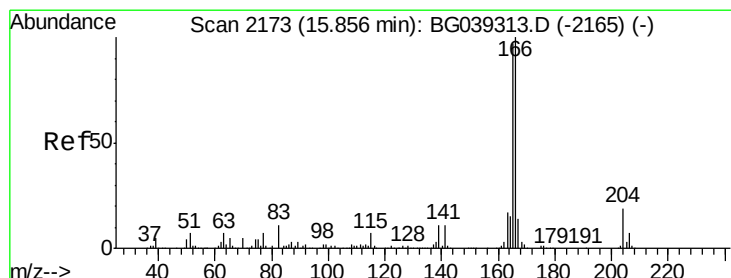
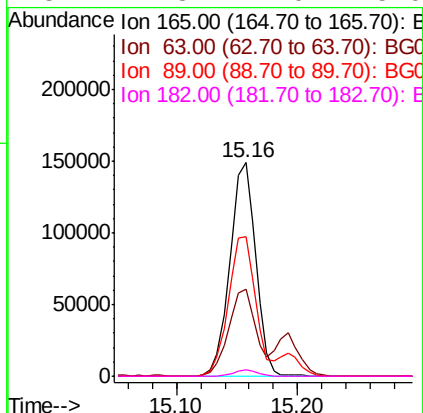
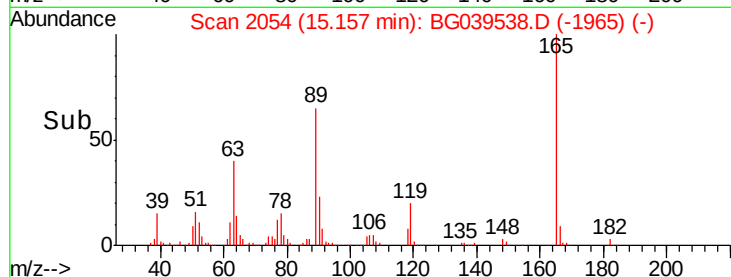
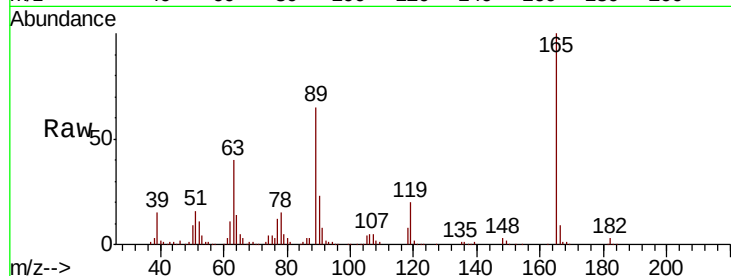




#57
 2,4-Dinitrotoluene
 Concen: 51.712 ng
 RT: 15.16 min Scan# 2054
 Delta R.T. -0.00 min
 Lab File: BG039538.D
 Acq: 18 Feb 2019 14:10

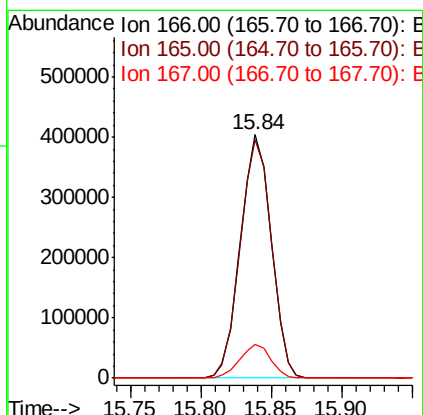
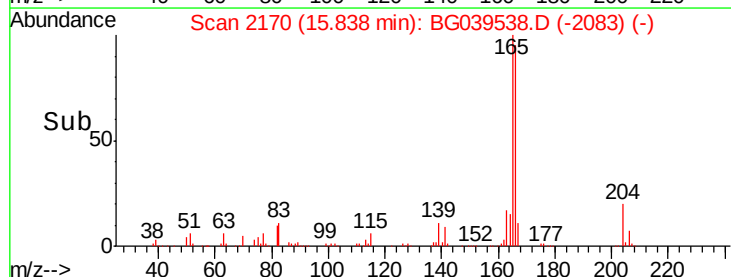
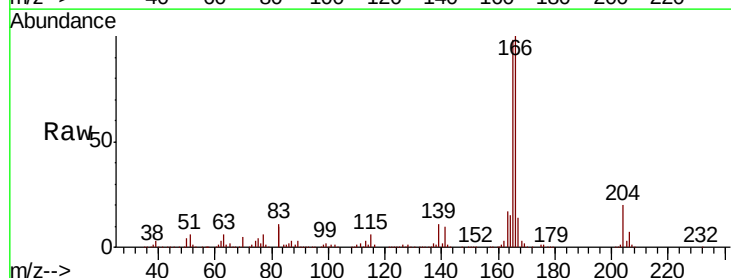
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

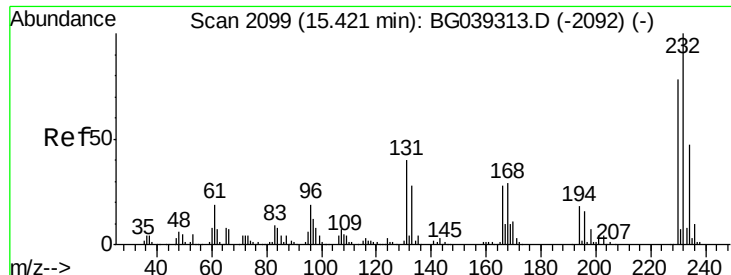
Tot Ion	Ratio	Lower	Upper
165	100		
63	40.5	41.0	61.6#
89	65.4	64.6	96.8
182	2.8	2.0	3.0



#58
 Fluorene
 Concen: 38.472 ng
 RT: 15.84 min Scan# 2170
 Delta R.T. -0.02 min
 Lab File: BG039538.D
 Acq: 18 Feb 2019 14:10

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.9	116.9
167	13.6	10.8	16.2

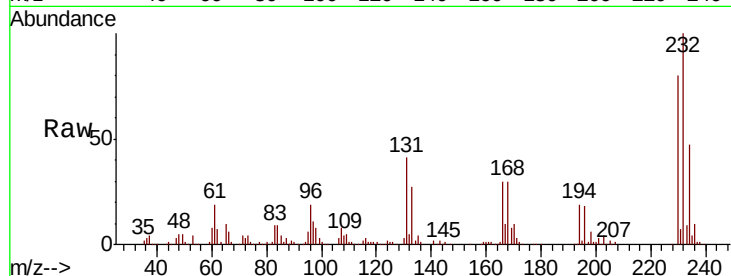




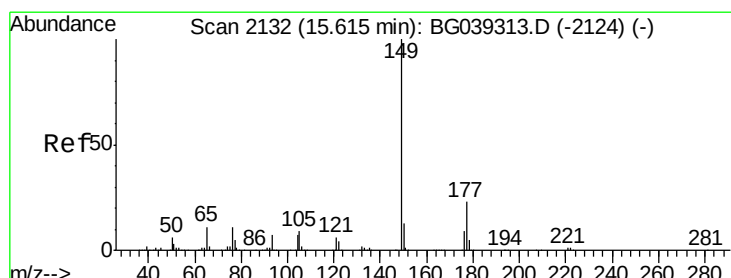
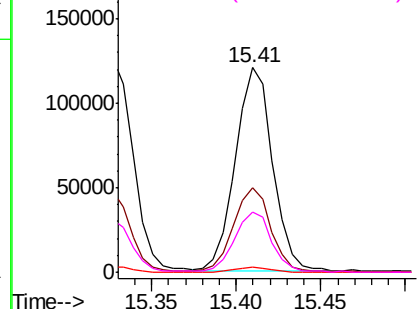
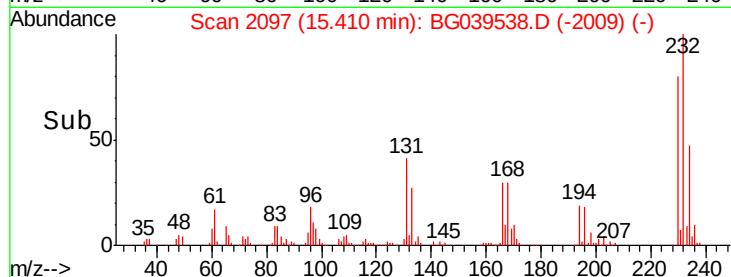
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.148 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG039538.D
 Acq: 18 Feb 2019 14:10

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:232	Resp:	185027
Ion Ratio	Lower	Upper
232	100	
131	41.4	34.9 52.3
130	2.4	2.0 3.0
166	30.2	24.1 36.1

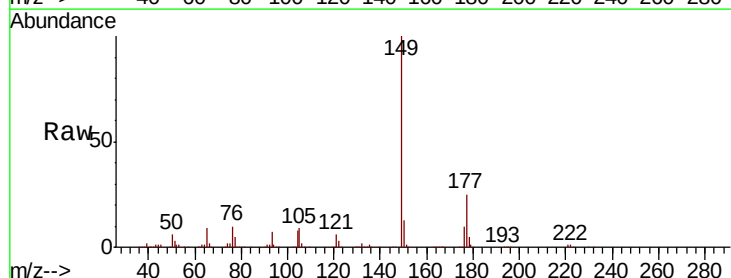


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

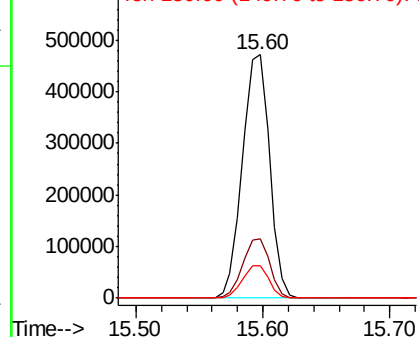
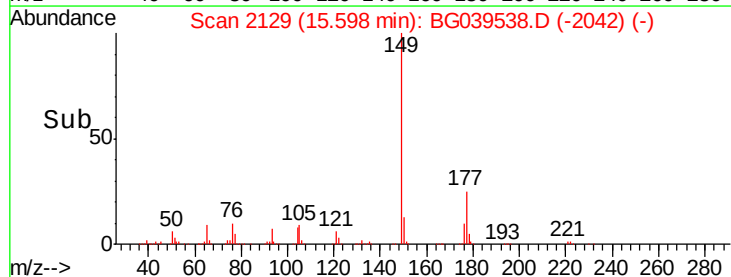


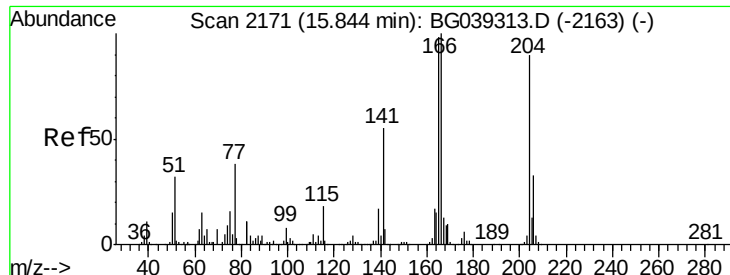
#60
 Diethylphthalate
 Concen: 38.309 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.02 min
 Lab File: BG039538.D
 Acq: 18 Feb 2019 14:10

Tgt Ion:149	Resp:	698373
Ion Ratio	Lower	Upper
149	100	
177	24.5	18.3 27.5
150	13.2	10.2 15.2



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

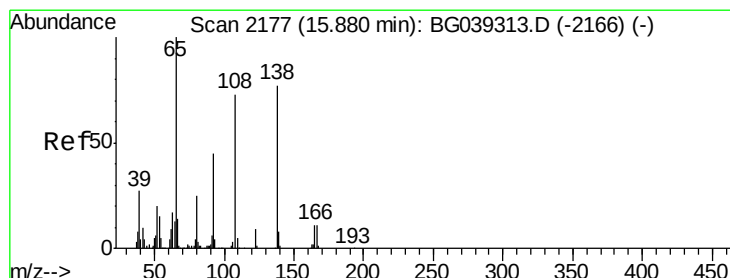
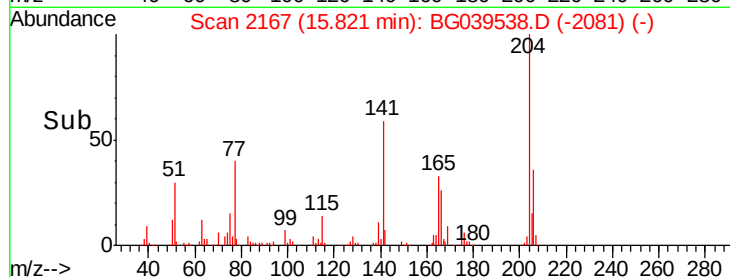
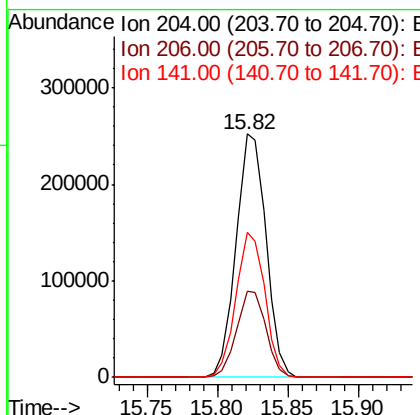
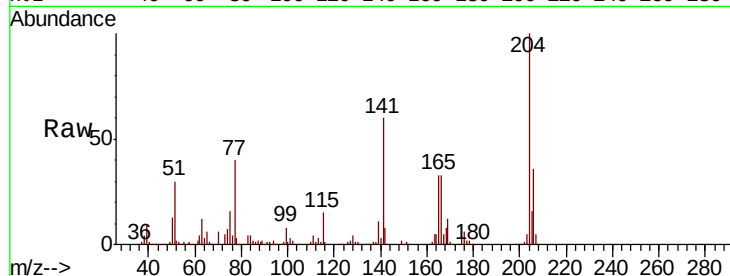




#61
 4-Chlorophenyl-phenylether
 Concen: 41.156 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.02 min
 Lab File: BG039538.D
 Acq: 18 Feb 2019 14:10

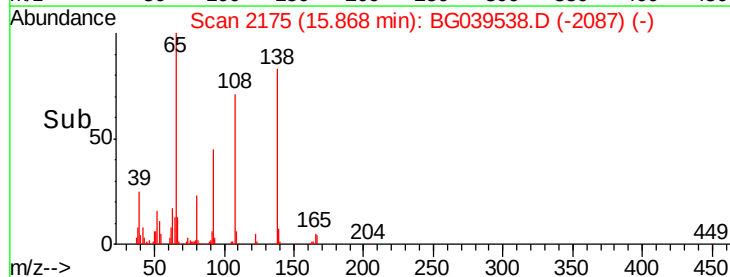
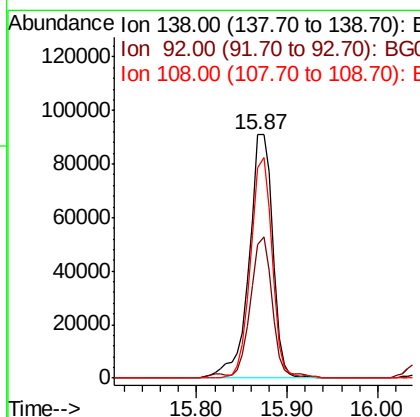
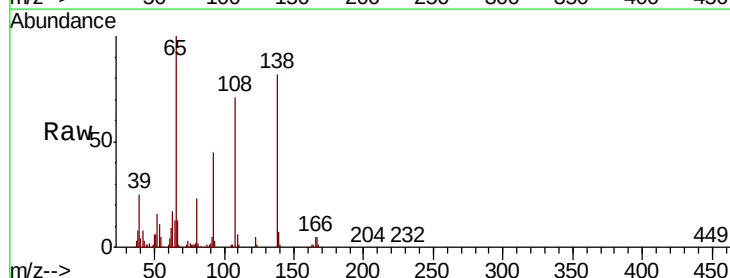
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

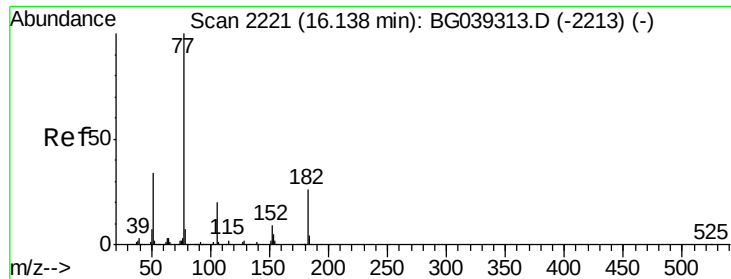
Tot Ion:204 Resp: 372784
 Ion Ratio Lower Upper
 204 100
 206 35.6 29.2 43.8
 141 59.7 49.0 73.4



#62
 4-Nitroaniline
 Concen: 44.828 ng
 RT: 15.87 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: BG039538.D
 Acq: 18 Feb 2019 14:10

Tgt Ion:138 Resp: 164621
 Ion Ratio Lower Upper
 138 100
 92 54.9 38.7 78.7
 108 86.6 74.6 114.6





#63

Azobenzene

Concen: 35.988 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.02 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 641231

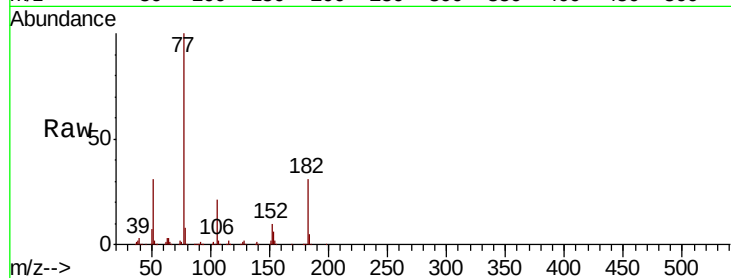
Ion Ratio Lower Upper

77 100

182 31.1 6.4 46.4

105 21.2 0.0 39.8

51 31.4 14.1 54.1

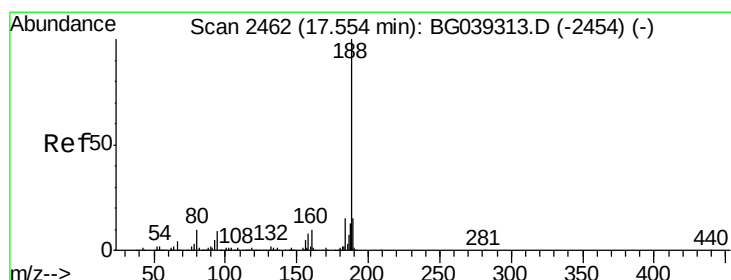
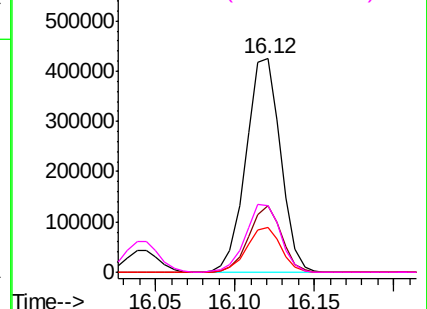
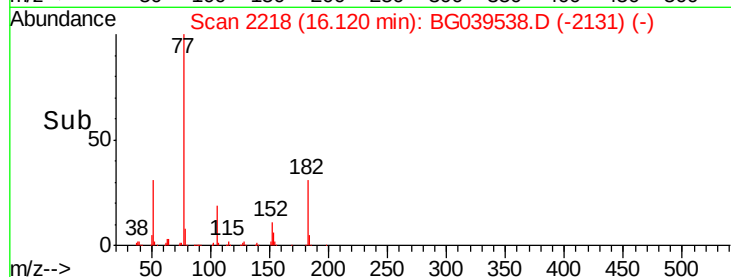


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG039538.D

Acq: 18 Feb 2019 14:10

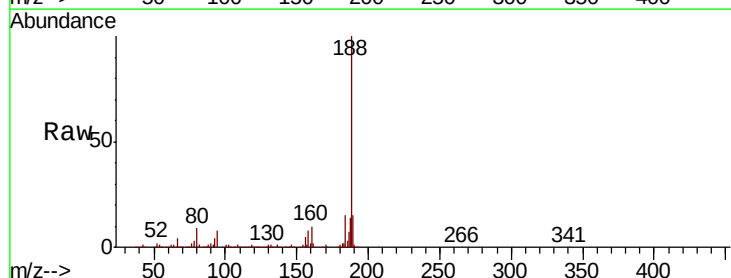
Tgt Ion: 188 Resp: 516376

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

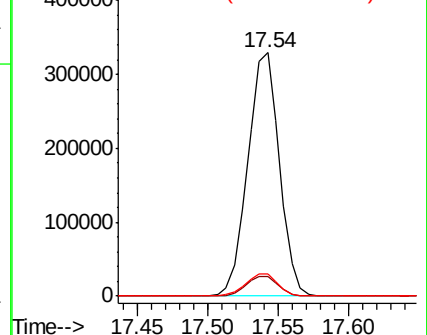
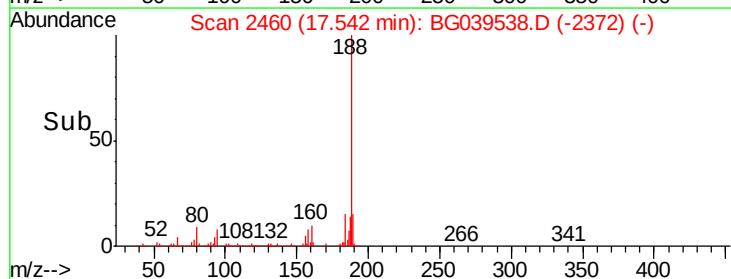
80 9.1 8.1 12.1

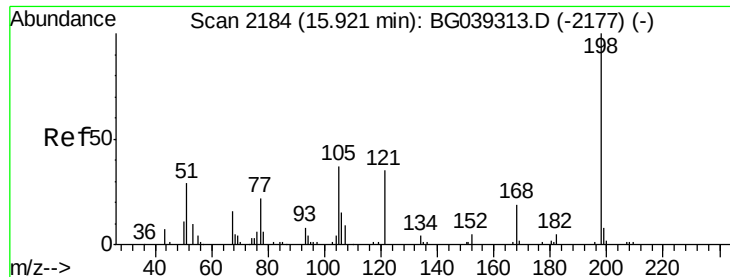


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 53.295 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

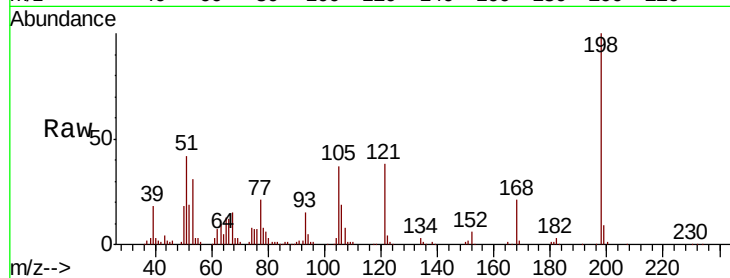
Tot Ion:198 Resp: 113239

Ion Ratio Lower Upper

198 100

51 42.4 27.4 67.4

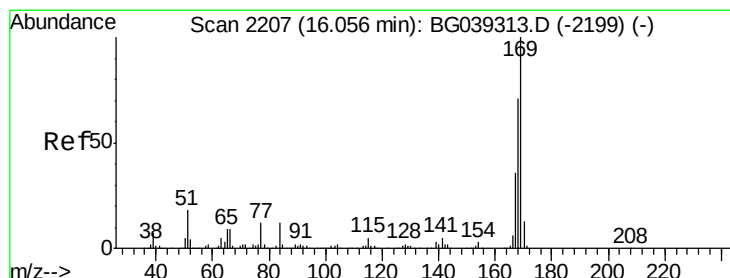
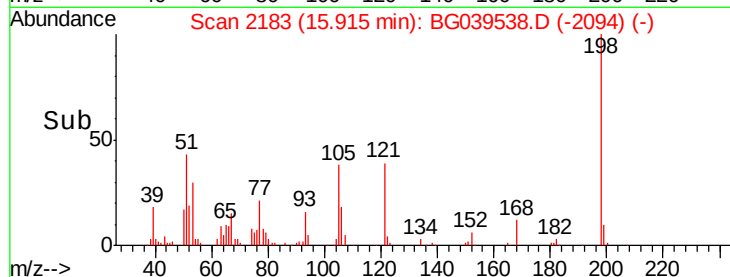
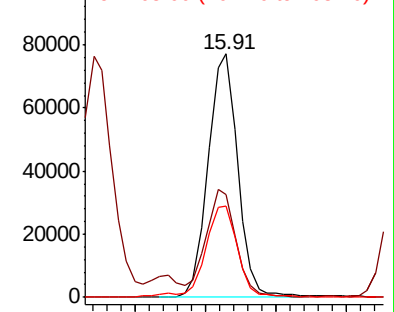
105 37.3 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.218 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

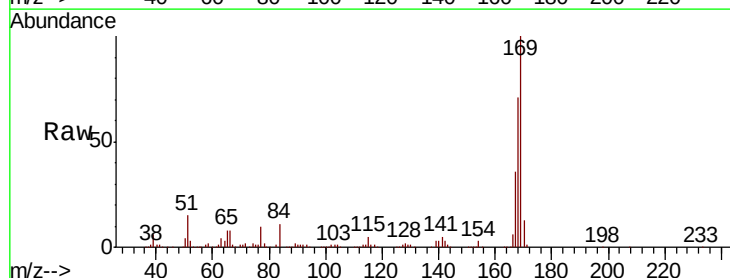
Tgt Ion:169 Resp: 615778

Ion Ratio Lower Upper

169 100

168 70.8 56.6 85.0

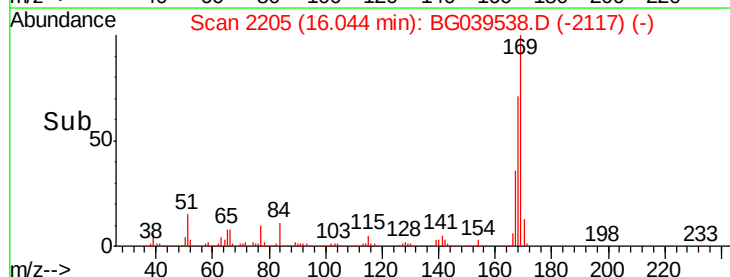
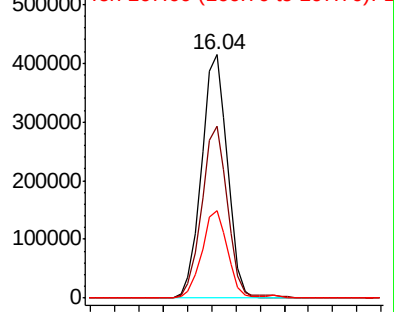
167 36.0 28.8 43.2

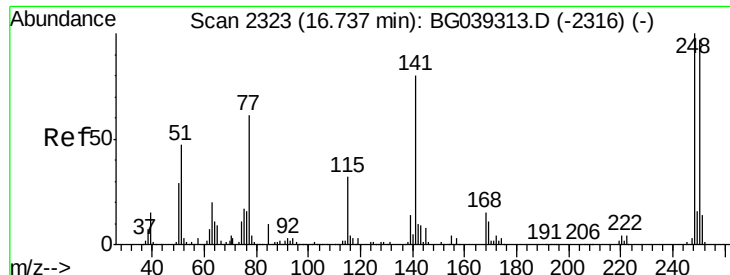


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

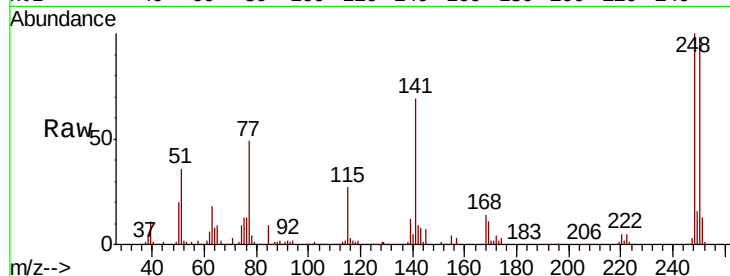




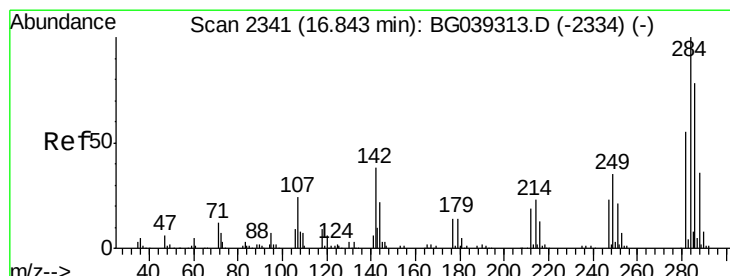
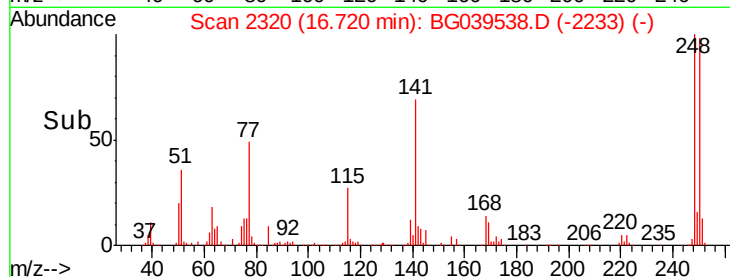
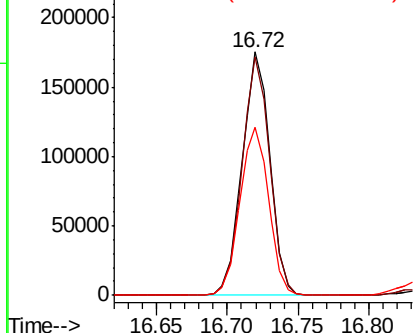
#67
 4-Bromophenyl-phenylether
 Concen: 42.175 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.02 min
 Lab File: BG039538.D
 Acq: 18 Feb 2019 14:10

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:248 Resp: 241603
 Ion Ratio Lower Upper
 248 100
 250 98.1 77.6 116.4
 141 69.2 63.9 95.9

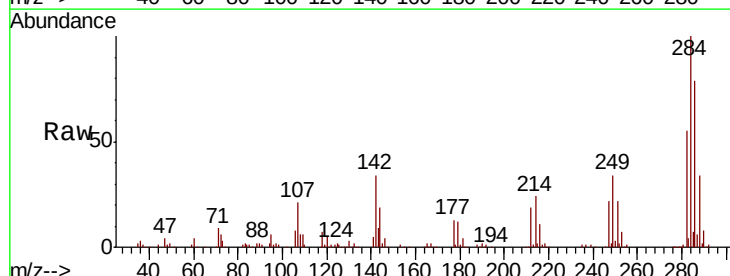


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

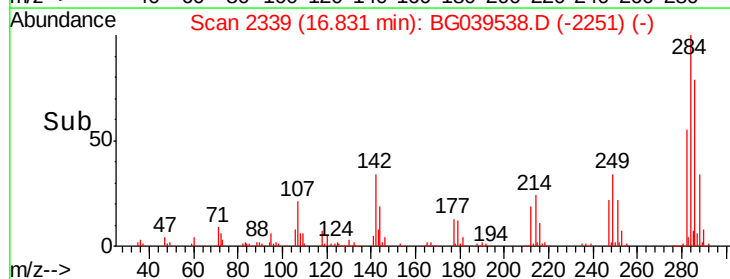
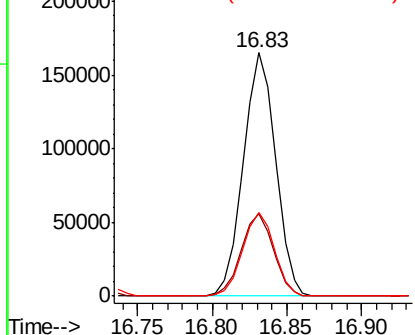


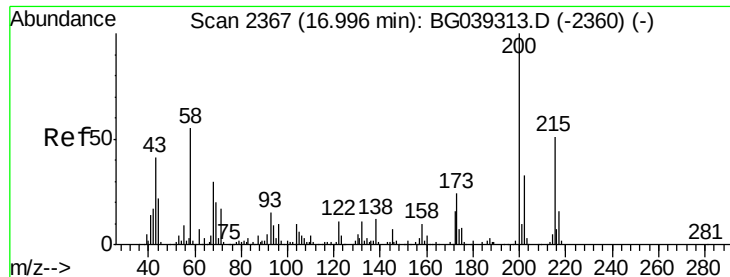
#68
 Hexachlorobenzene
 Concen: 42.886 ng
 RT: 16.83 min Scan# 2339
 Delta R.T. -0.01 min
 Lab File: BG039538.D
 Acq: 18 Feb 2019 14:10

Tgt Ion:284 Resp: 246487
 Ion Ratio Lower Upper
 284 100
 142 33.9 30.6 45.8
 249 34.3 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: 34.440 ng

RT: 16.98 min Scan# 2364

Delta R.T. -0.02 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

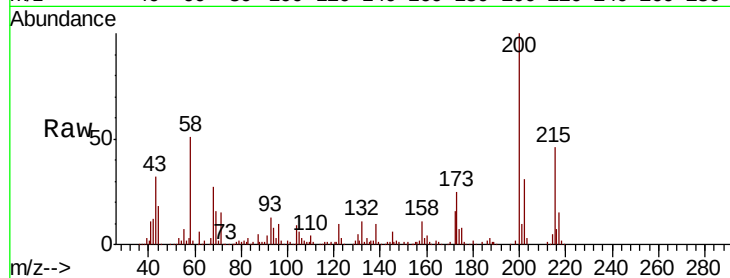
Tot Ion:200 Resp: 197615

Ion Ratio Lower Upper

200 100

173 24.7 3.9 43.9

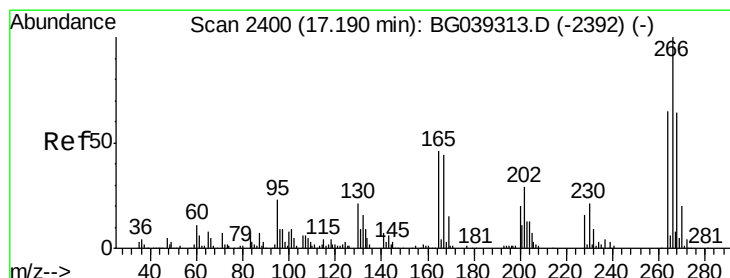
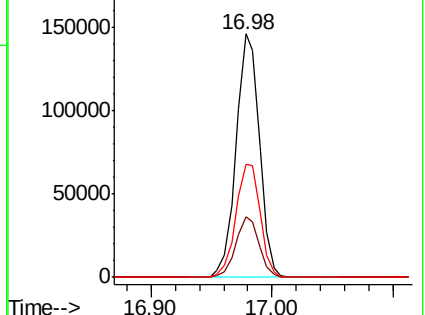
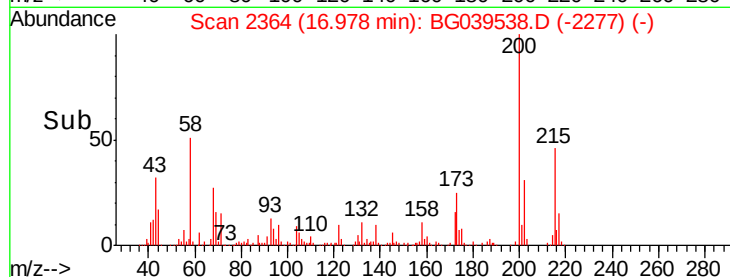
215 46.4 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 39.624 ng

RT: 17.18 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

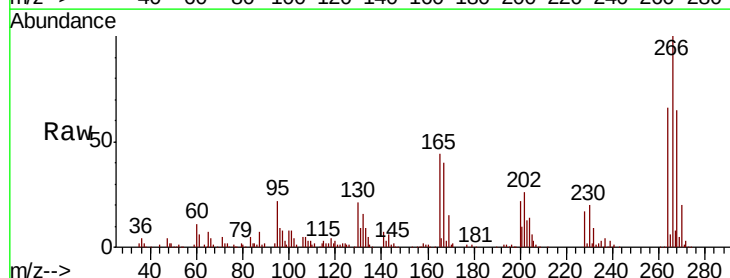
Tgt Ion:266 Resp: 158283

Ion Ratio Lower Upper

266 100

268 65.2 51.1 76.7

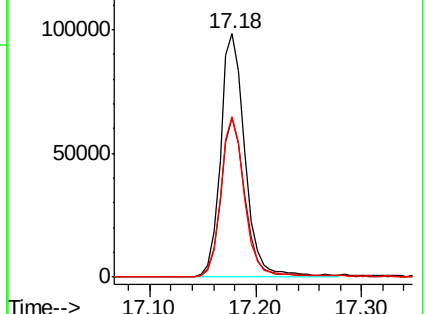
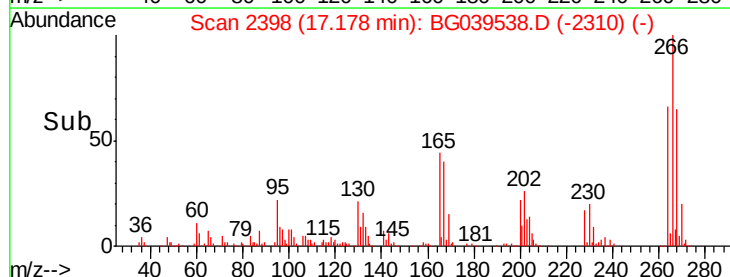
264 65.8 52.1 78.1

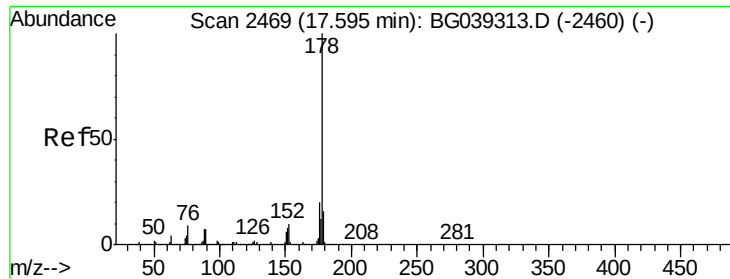


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.867 ng

RT: 17.58 min Scan# 2467

Delta R.T. -0.01 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

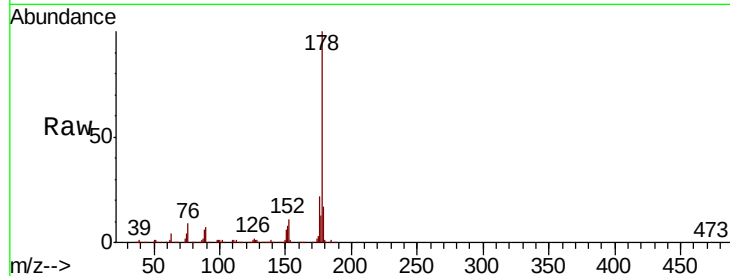
Tot Ion:178 Resp: 1012025

Ion Ratio Lower Upper

178 100

176 21.6 16.2 24.4

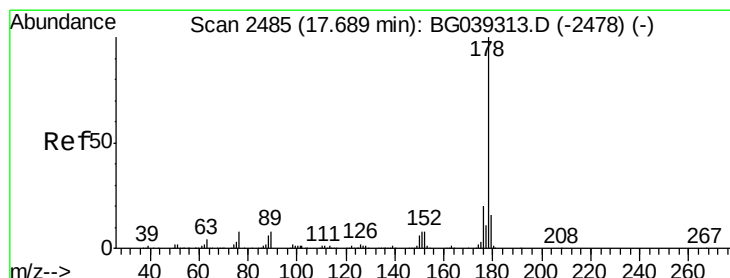
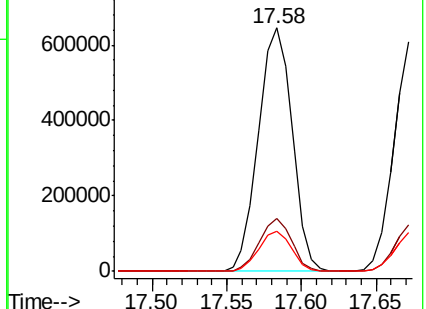
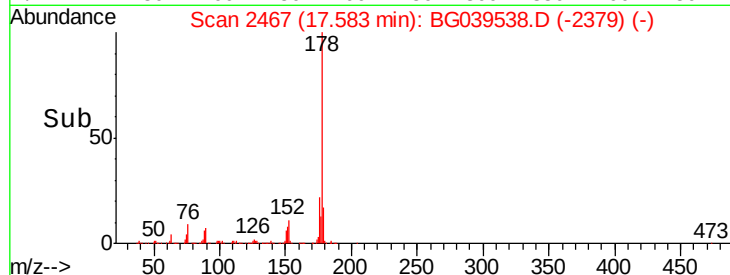
179 16.6 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 37.850 ng

RT: 17.68 min Scan# 2483

Delta R.T. -0.01 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

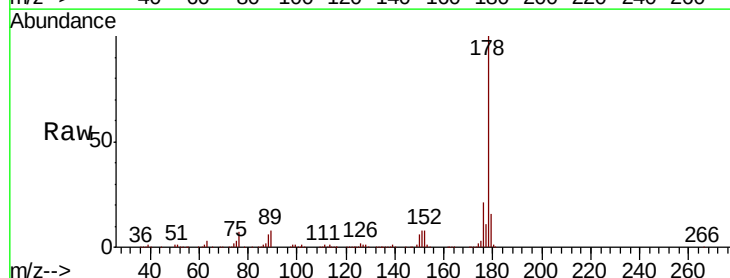
Tgt Ion:178 Resp: 996408

Ion Ratio Lower Upper

178 100

176 21.2 15.8 23.6

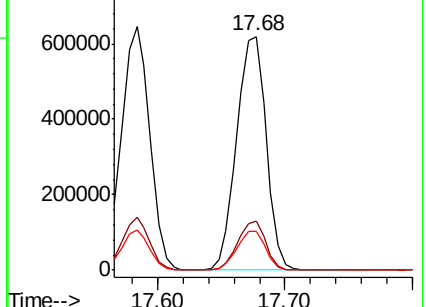
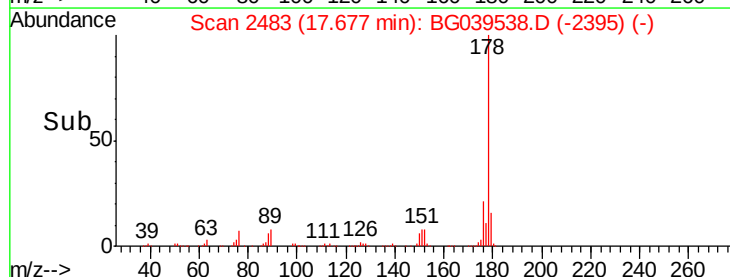
179 16.4 12.5 18.7

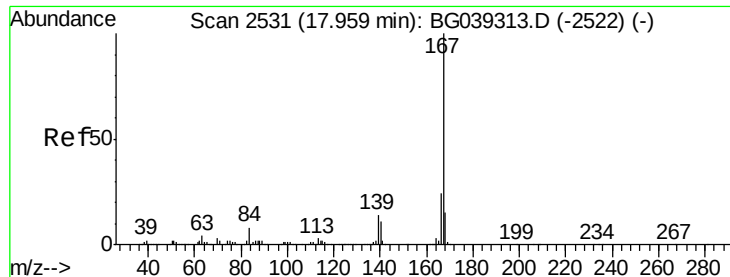


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 36.707 ng

RT: 17.95 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

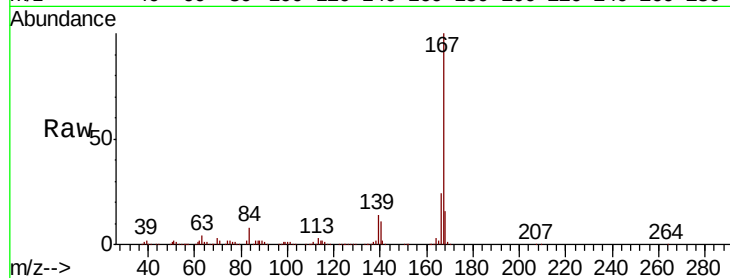
Tot Ion:167 Resp: 964386

Ion Ratio Lower Upper

167 100

166 23.6 19.4 29.2

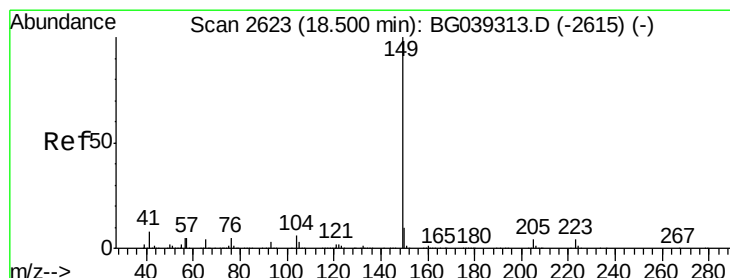
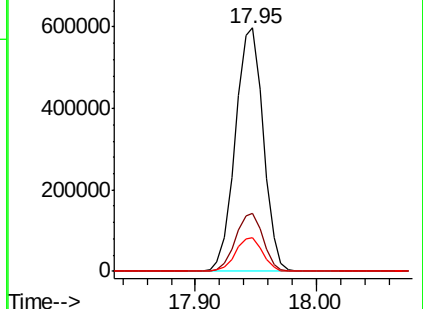
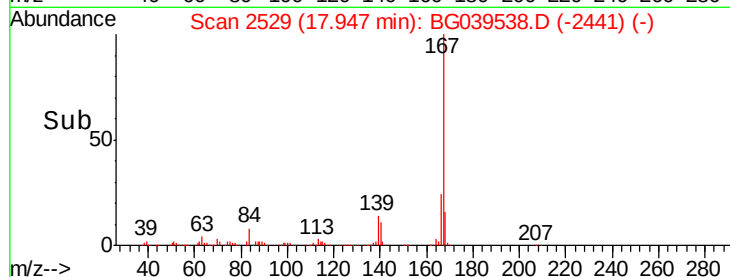
139 13.6 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 36.643 ng

RT: 18.48 min Scan# 2619

Delta R.T. -0.02 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

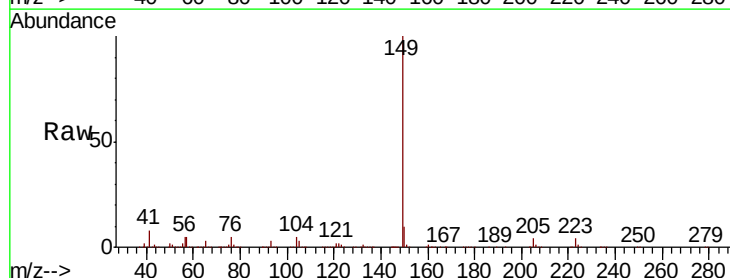
Tgt Ion:149 Resp: 1123098

Ion Ratio Lower Upper

149 100

150 9.9 7.7 11.5

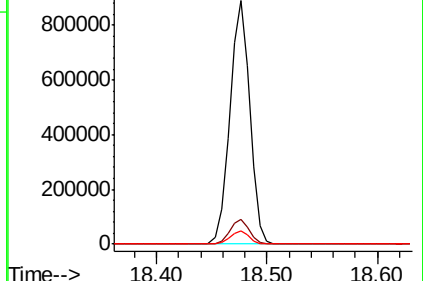
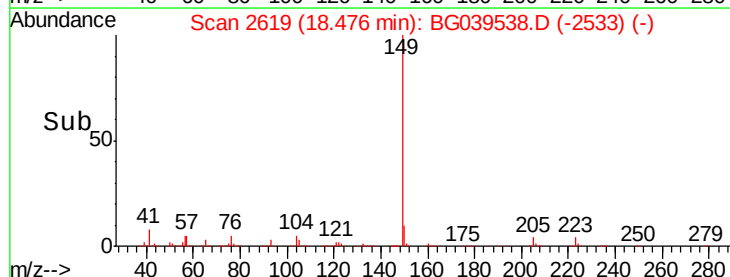
104 5.4 4.5 6.7

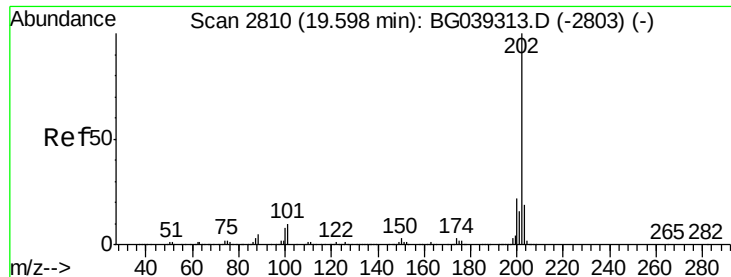


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 36.905 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

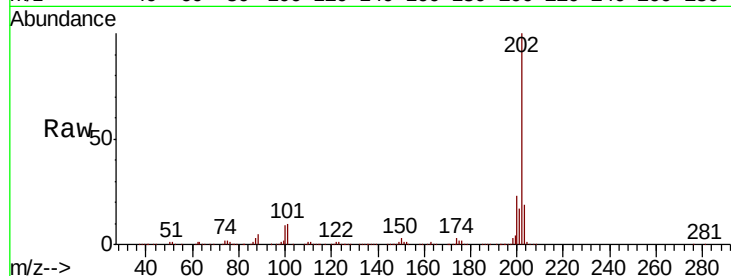
Tot Ion:202 Resp: 1144827

Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.0

203 19.2 0.0 38.9

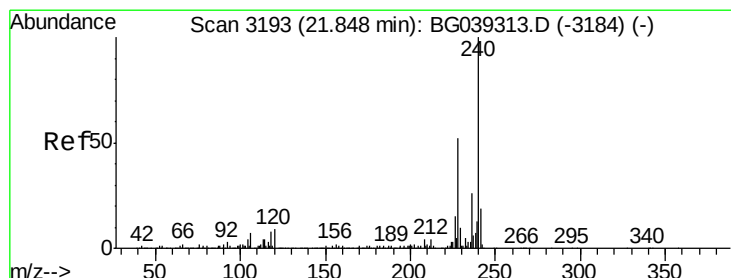
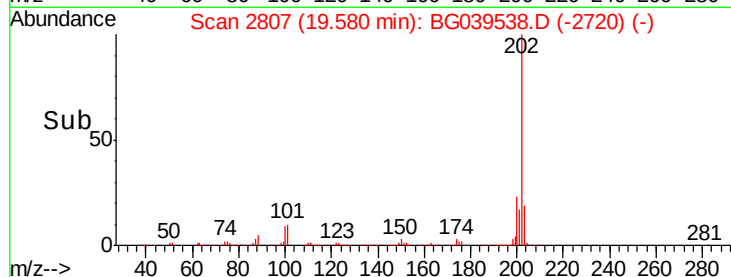
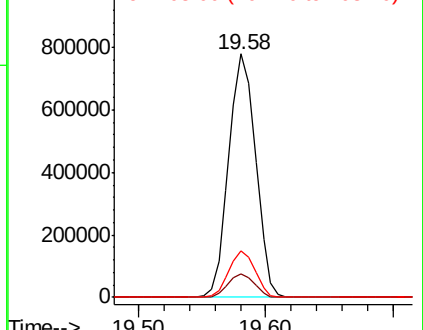


Abundance

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# 3190

Delta R.T. -0.02 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

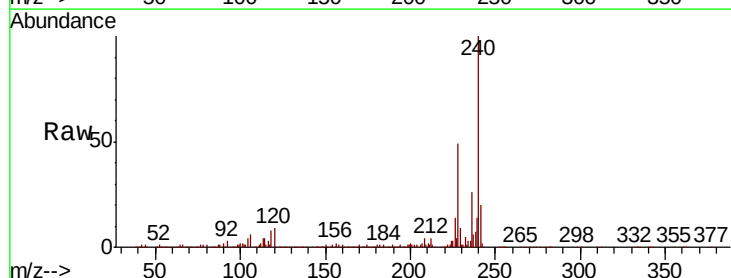
Tgt Ion:240 Resp: 489396

Ion Ratio Lower Upper

240 100

120 8.8 7.0 10.6

236 25.6 21.0 31.4

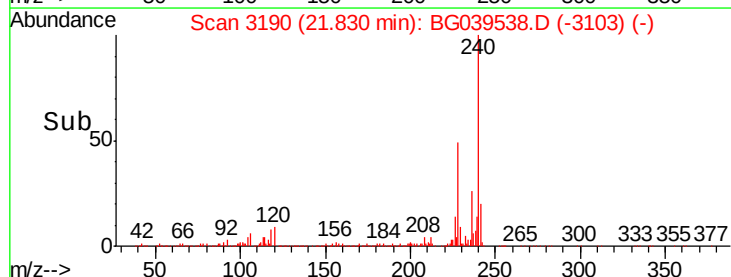
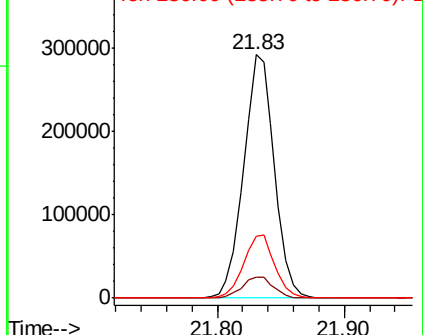


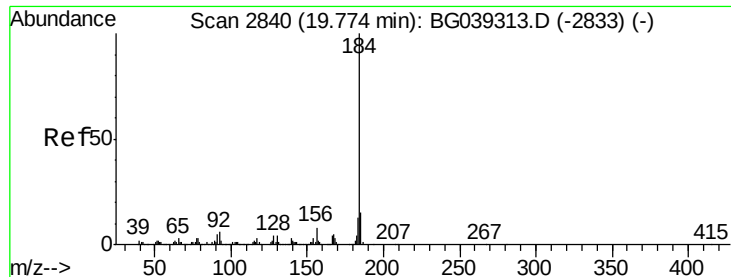
Abundance

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: 36.481 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

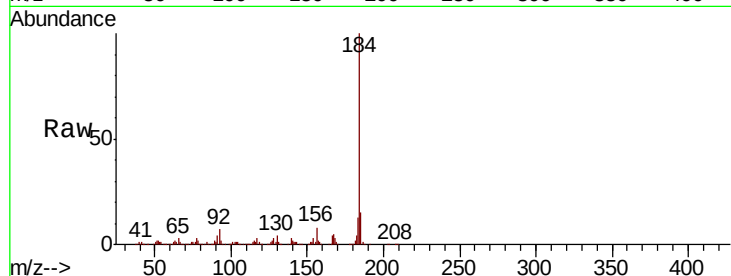
Tot Ion:184 Resp: 585343

Ion Ratio Lower Upper

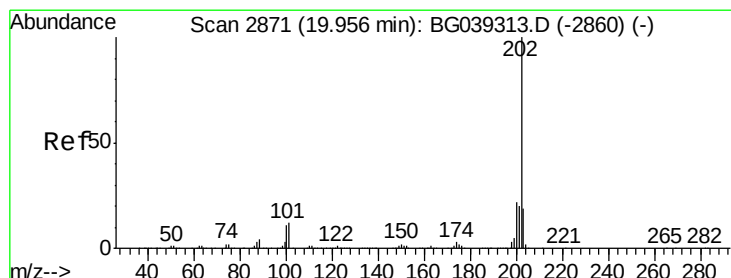
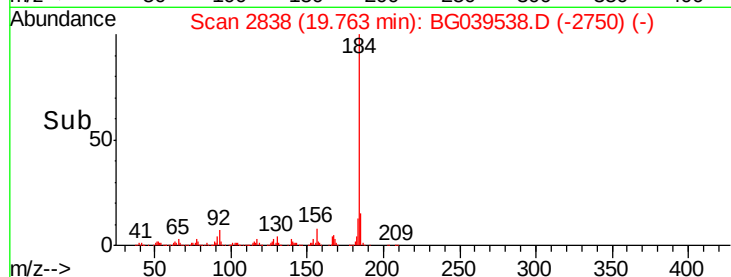
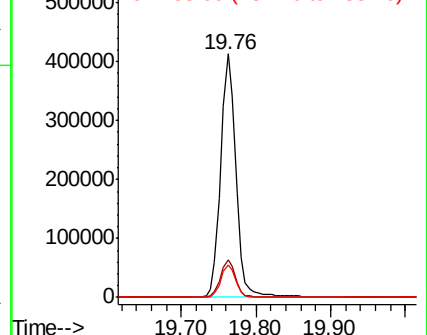
184 100

185 15.5 12.2 18.2

183 13.3 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.105 ng

RT: 19.94 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

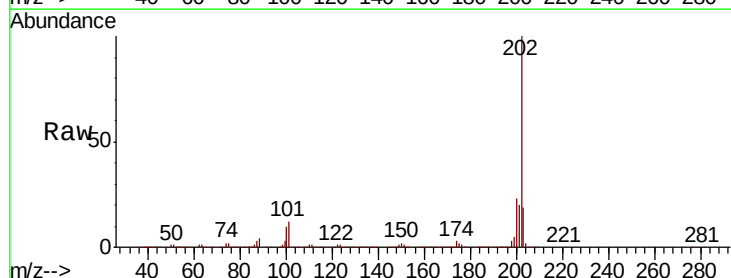
Tgt Ion:202 Resp: 1160906

Ion Ratio Lower Upper

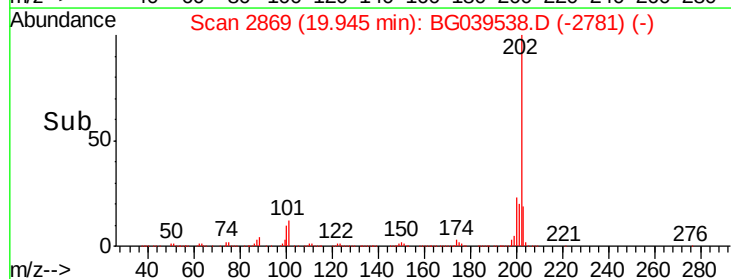
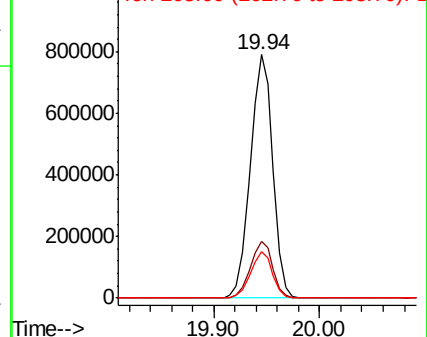
202 100

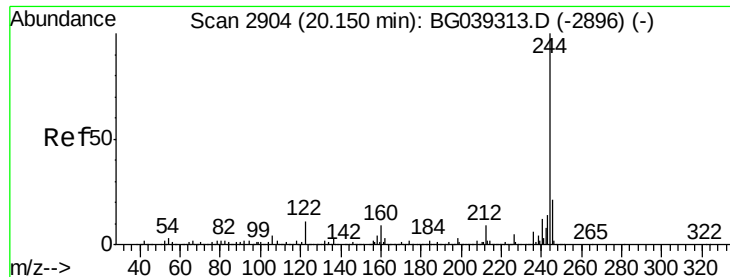
200 23.3 17.8 26.8

203 18.9 15.3 22.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.079 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

Instrument :

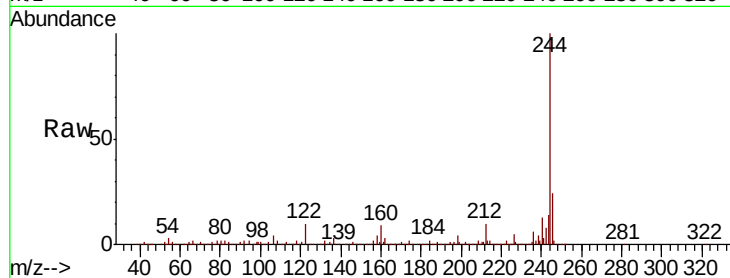
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1689655

Ion	Ratio	Lower	Upper
244	100		
212	10.0	7.3	10.9
122	10.4	8.4	12.6

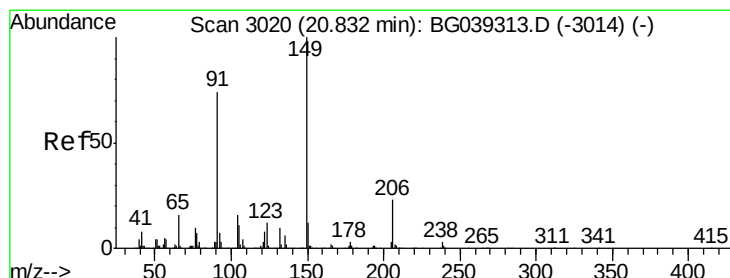
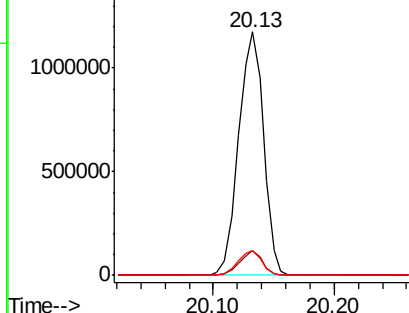
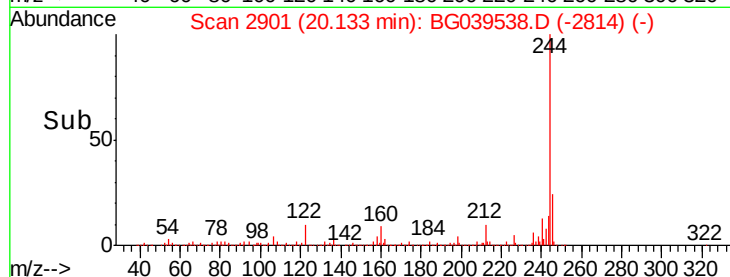


Abundance

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: 39.367 ng

RT: 20.81 min Scan# 3017

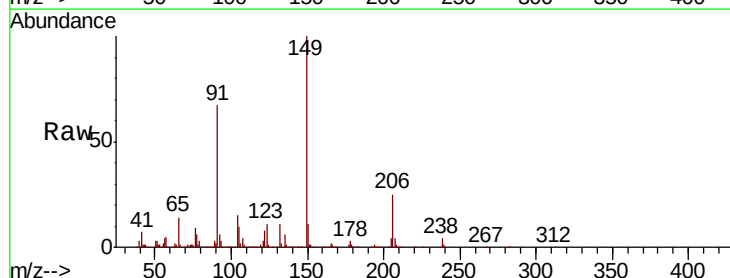
Delta R.T. -0.02 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

Tgt Ion:149 Resp: 505939

Ion	Ratio	Lower	Upper
149	100		
91	66.5	59.5	89.3
206	24.8	18.6	27.8

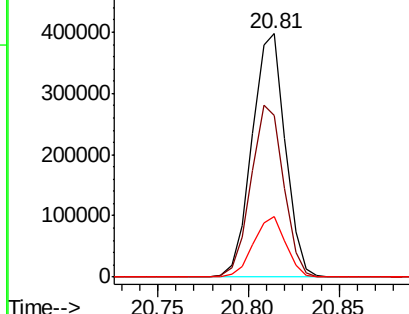
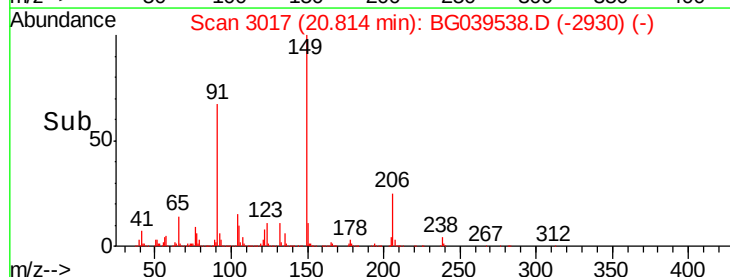


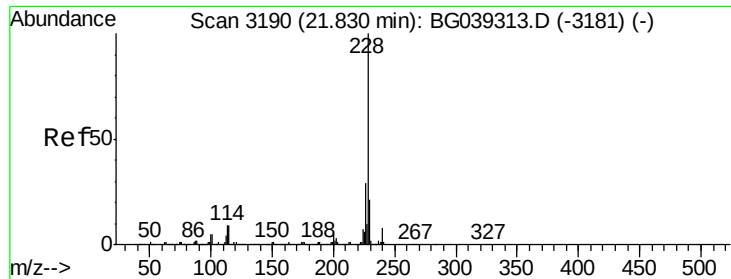
Abundance

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: 38.672 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

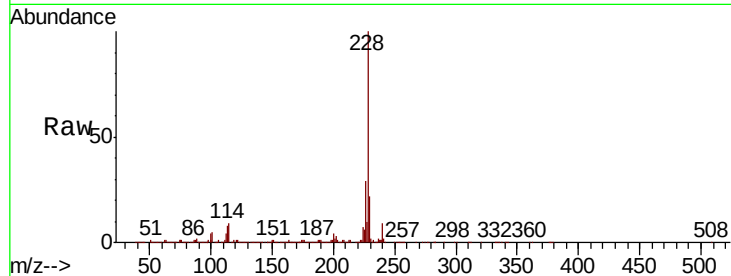
Tot Ion:228 Resp: 1118324

Ion Ratio Lower Upper

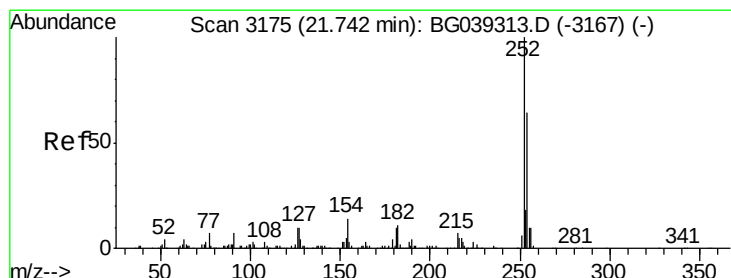
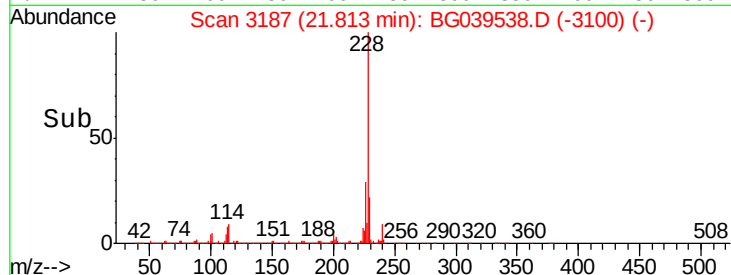
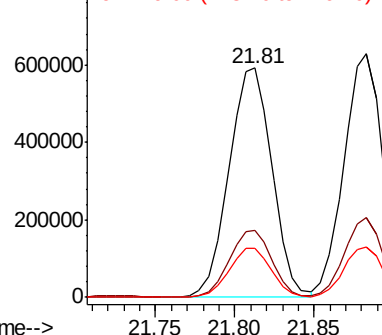
228 100

226 29.0 23.0 34.6

229 21.5 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.301 ng

RT: 21.72 min Scan# 3172

Delta R.T. -0.02 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

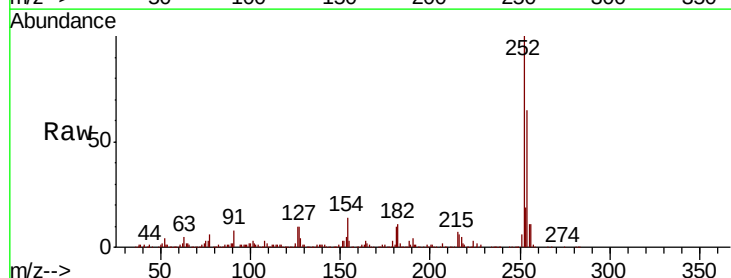
Tgt Ion:252 Resp: 442857

Ion Ratio Lower Upper

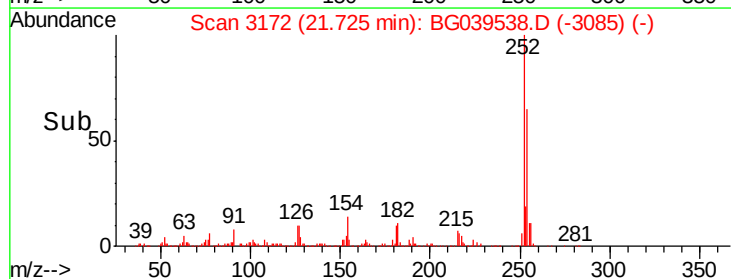
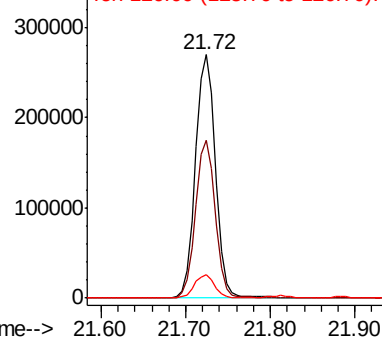
252 100

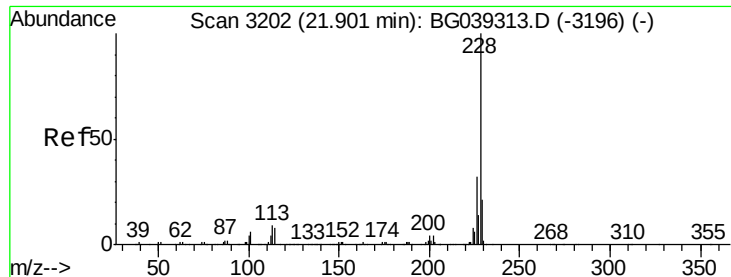
254 64.7 51.3 76.9

126 9.8 8.0 12.0



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





#83

Chrysene

Concen: 38.817 ng

RT: 21.88 min Scan# 3199

Delta R.T. -0.02 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

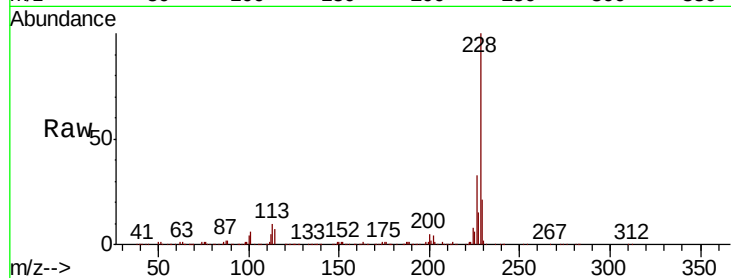
Tot Ion:228 Resp: 1068555

Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.8	38.6
229	20.8	16.6	25.0

228 100

226 32.7 25.8 38.6

229 20.8 16.6 25.0

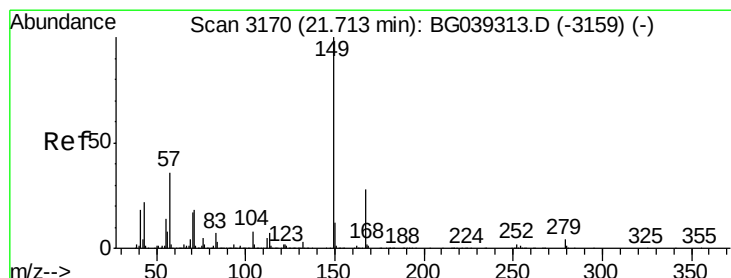
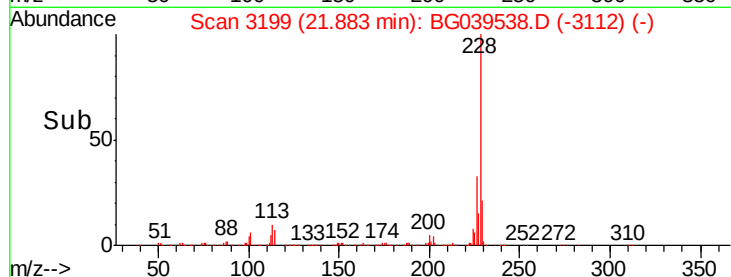
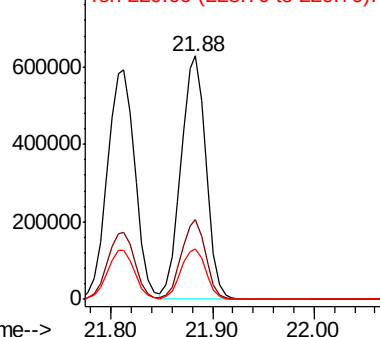


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.065 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.04 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

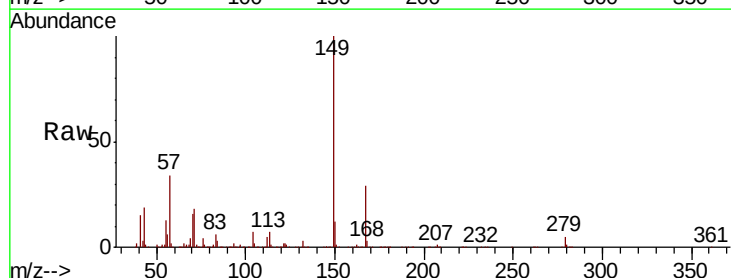
Tgt Ion:149 Resp: 716258

Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.6	34.0
279	4.8	3.5	5.3

149 100

167 28.7 22.6 34.0

279 4.8 3.5 5.3

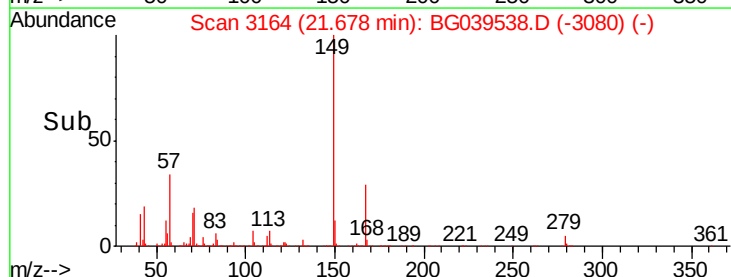
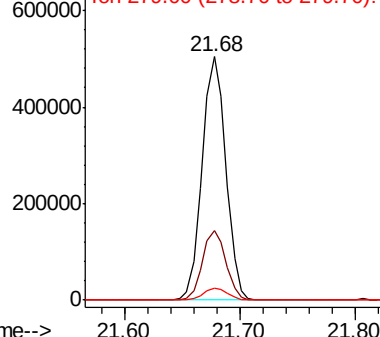


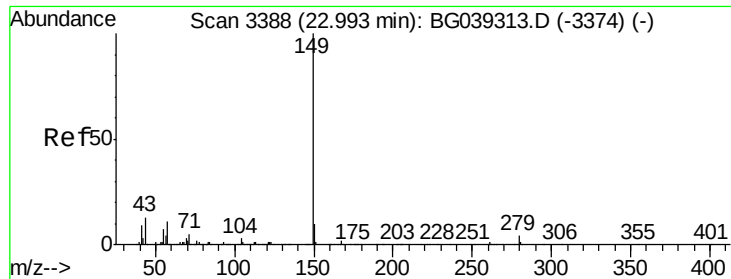
Abundance

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

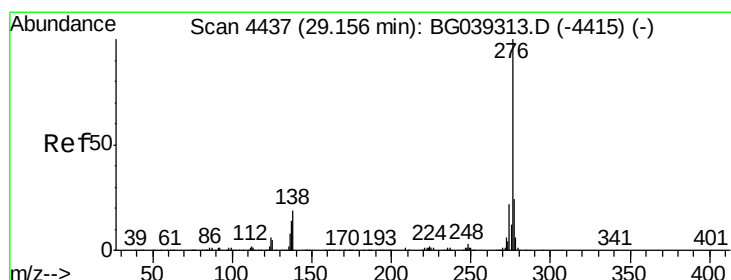
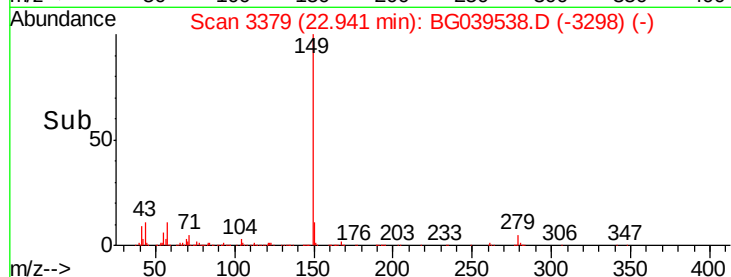
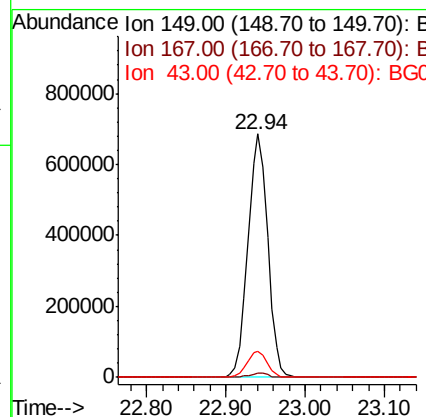
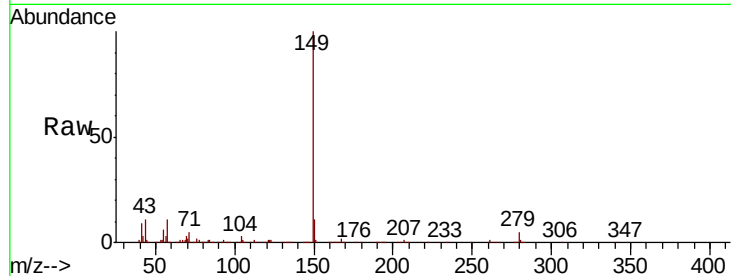




#85
Di-n-octyl phthalate
Concen: 39.180 ng
RT: 22.94 min Scan# 3379
Delta R.T. -0.05 min
Lab File: BG039538.D
Acq: 18 Feb 2019 14:10

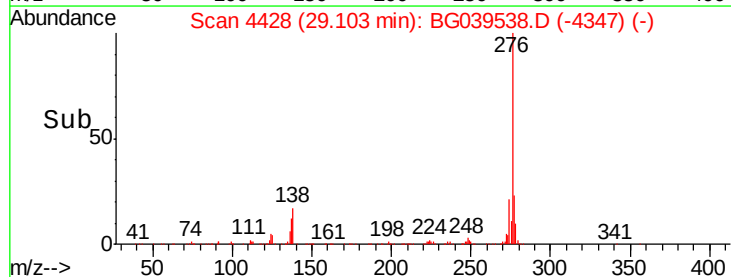
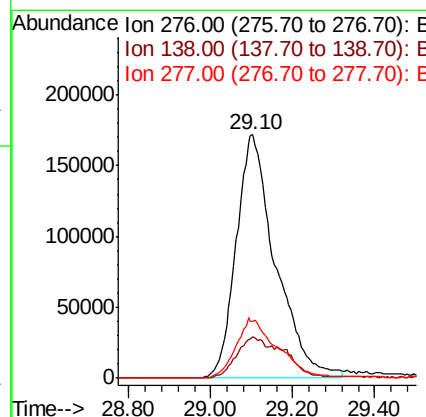
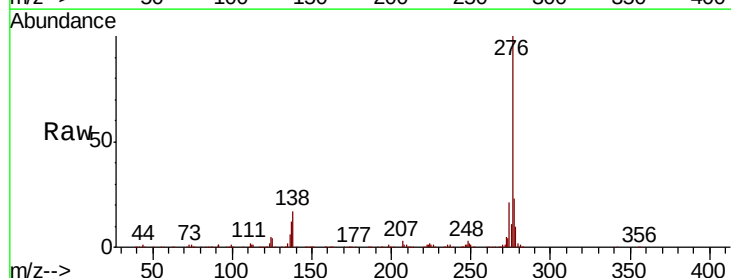
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

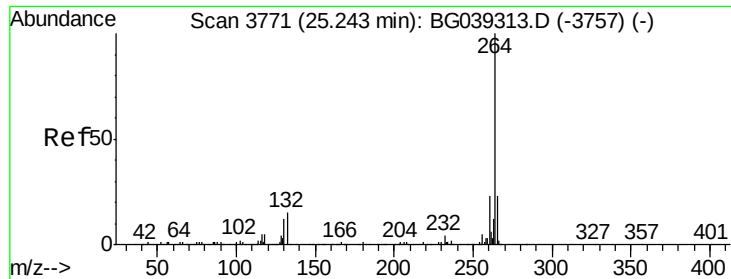
Tot Ion:149 Resp: 1186796
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.8 10.2 15.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.986 ng
RT: 29.10 min Scan# 4428
Delta R.T. -0.05 min
Lab File: BG039538.D
Acq: 18 Feb 2019 14:10

Tgt Ion:276 Resp: 1151474
Ion Ratio Lower Upper
276 100
138 20.2 12.6 19.0#
277 25.5 20.8 31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.21 min Scan# 3766

Delta R.T. -0.03 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

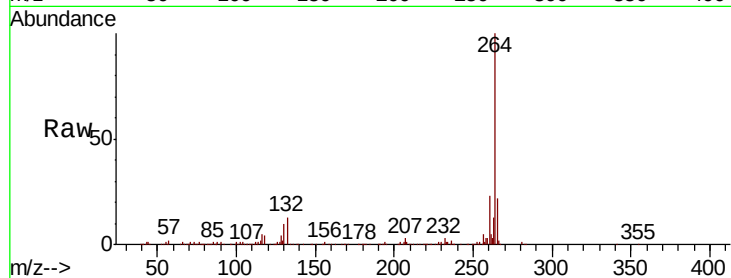
Tot Ion:264 Resp: 500661

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.4

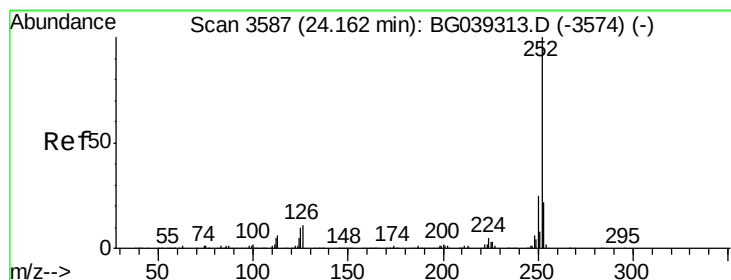
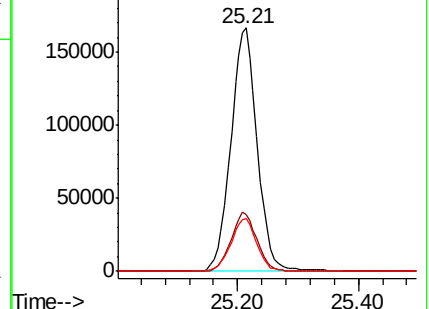
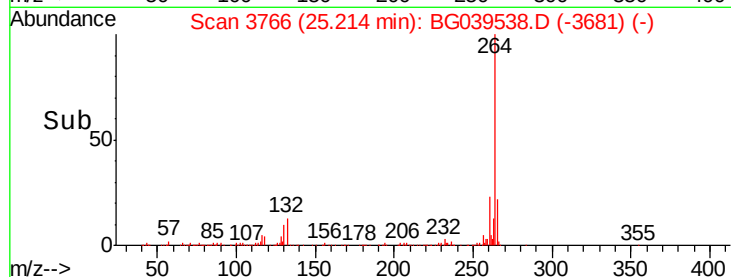
265 21.5 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.773 ng

RT: 24.13 min Scan# 3581

Delta R.T. -0.04 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

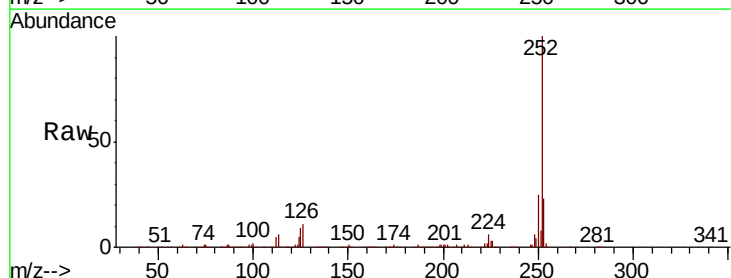
Tgt Ion:252 Resp: 1058639

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.8

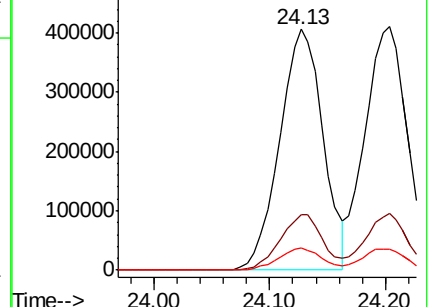
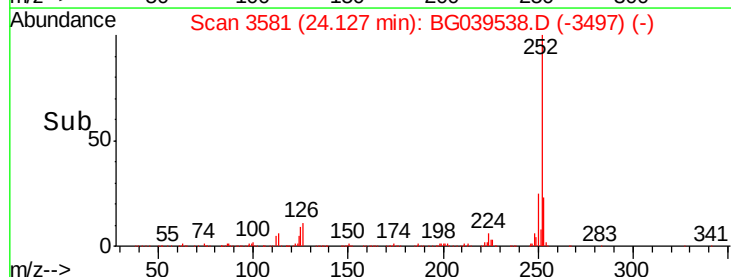
125 9.0 7.8 11.6

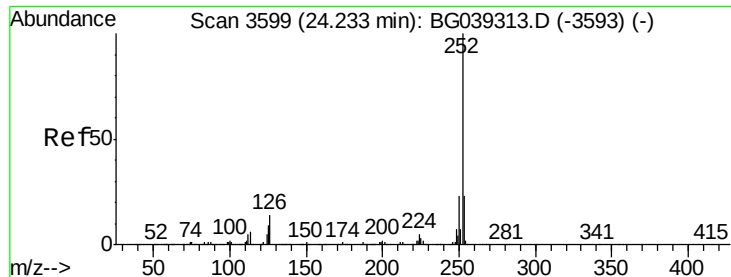


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

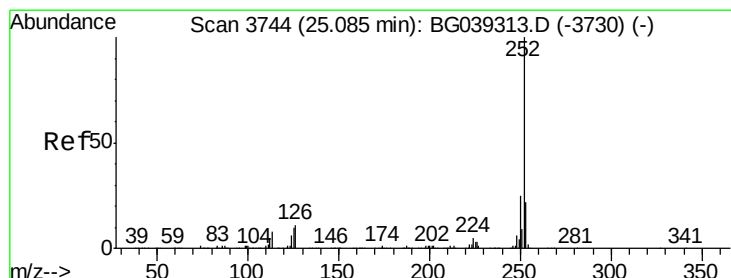
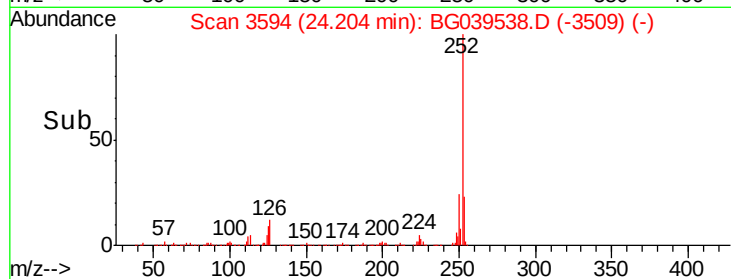
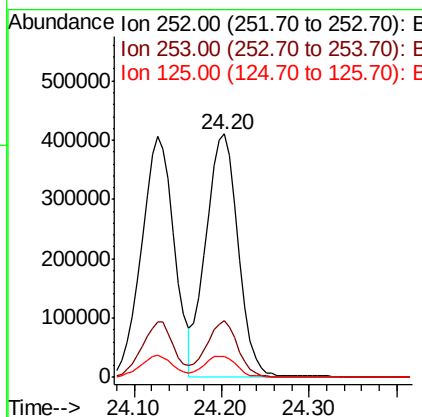
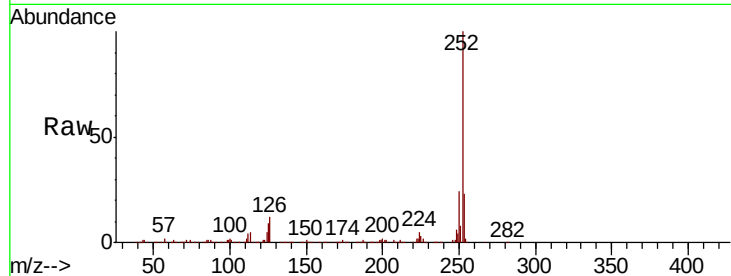




#89
Benzo(k)fluoranthene
Concen: 38.387 ng
RT: 24.20 min Scan# 3594
Delta R.T. -0.03 min
Lab File: BG039538.D
Acq: 18 Feb 2019 14:10

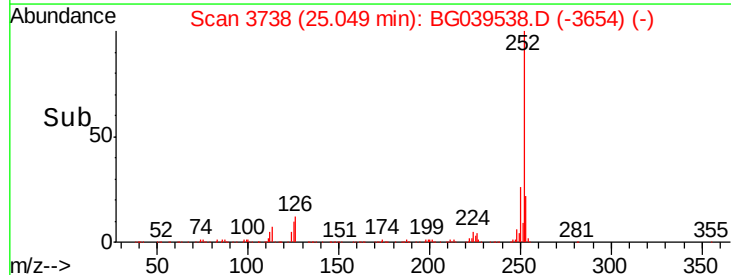
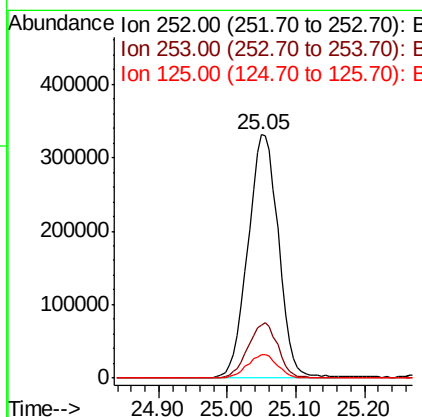
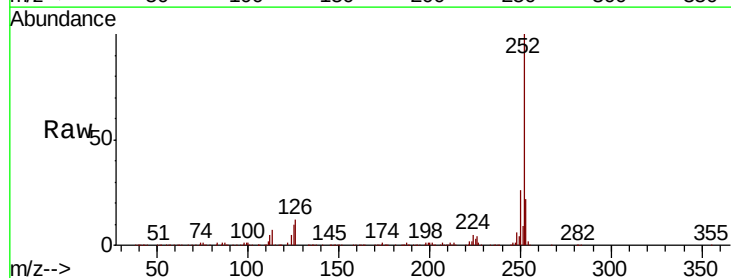
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

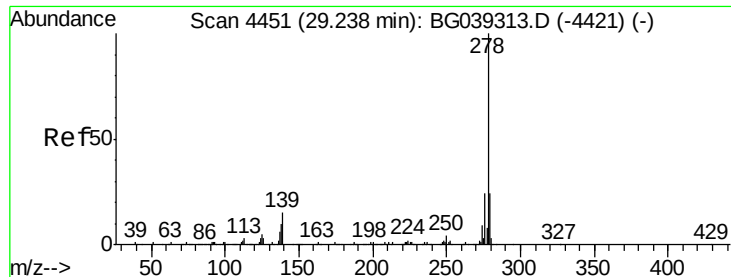
Tot Ion:252 Resp: 1052274
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.2
125 8.7 7.4 11.2



#90
Benzo(a)pyrene
Concen: 39.145 ng
RT: 25.05 min Scan# 3738
Delta R.T. -0.04 min
Lab File: BG039538.D
Acq: 18 Feb 2019 14:10

Tgt Ion:252 Resp: 1029345
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 9.7 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 38.428 ng

RT: 29.18 min Scan# 4441

Delta R.T. -0.06 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

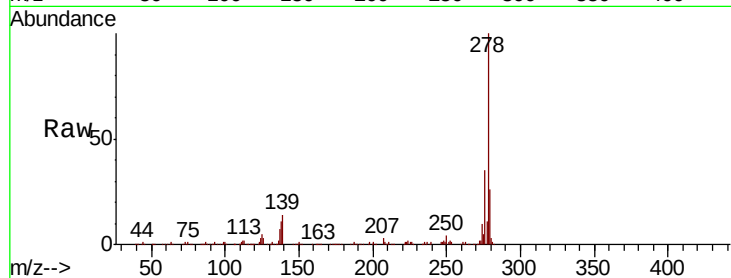
Tot Ion:278 Resp: 946325

Ion Ratio Lower Upper

278 100

139 13.5 11.7 17.5

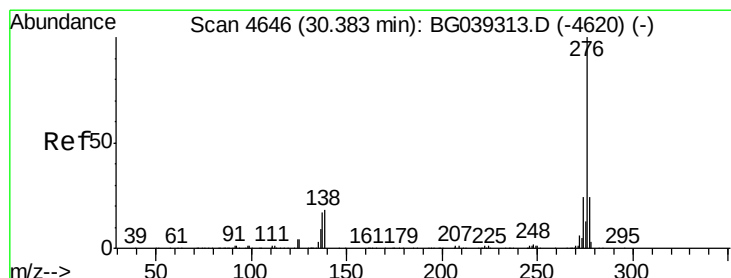
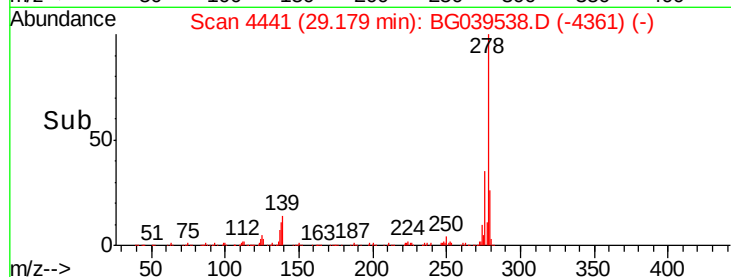
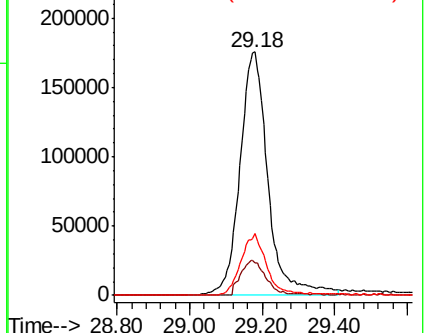
279 25.6 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 37.453 ng

RT: 30.33 min Scan# 4637

Delta R.T. -0.05 min

Lab File: BG039538.D

Acq: 18 Feb 2019 14:10

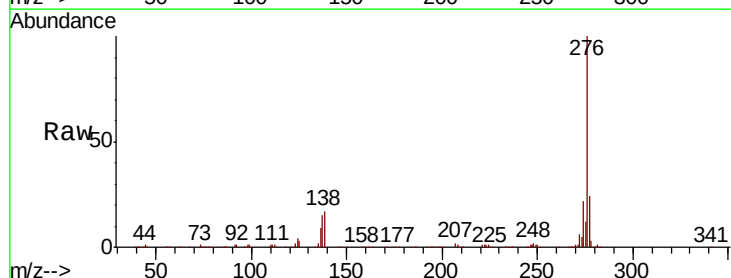
Tgt Ion:276 Resp: 919282

Ion Ratio Lower Upper

276 100

277 24.2 19.6 29.4

138 16.5 14.7 22.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

