

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
 Data File : BG039597.D
 Acq On : 26 Feb 2019 12:45
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 26 23:55:30 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	53740	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	227913	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	155824	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	384579	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	383142	20.00	ng	-0.02
87) Perylene-d12	25.20	264	399178	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	249928	79.60	ng	0.00
7) Phenol-d6	7.31	99	367343	79.48	ng	0.00
23) Nitrobenzene-d5	9.35	82	345195	94.62	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	154655	92.17	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	841266	77.45	ng	-0.02
79) Terphenyl-d14	20.13	244	1397544	77.21	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	3.61	88	55081	40.103 ng	94
3) Pyridine	4.01	79	151565	41.679 ng	99
4) n-Nitrosodimethylamine	3.93	42	65964	36.271 ng	86
6) Aniline	7.50	93	223131	38.542 ng	96
8) 2-Chlorophenol	7.73	128	137865	40.168 ng	97
9) Benzaldehyde	7.31	77	90812	39.086 ng	96
10) Phenol	7.34	94	190964	39.636 ng	93
11) bis(2-Chloroethyl)ether	7.58	93	146321	38.434 ng	96
12) 1,3-Dichlorobenzene	8.05	146	162885	39.175 ng	97
13) 1,4-Dichlorobenzene	8.21	146	164764	39.757 ng	97
14) 1,2-Dichlorobenzene	8.52	146	157289	39.205 ng	98
15) Benzyl Alcohol	8.41	79	142535	39.281 ng	99
16) 2,2'-oxybis(1-Chloropropan	8.69	45	288323	33.536 ng	99
17) 2-Methylphenol	8.60	107	121486	38.965 ng	96
18) Hexachloroethane	9.25	117	56903	39.910 ng	95
19) n-Nitroso-di-n-propylamine	8.97	70	123680	37.702 ng	93
20) 3+4-Methylphenols	8.93	107	170498	39.711 ng	97
22) Acetophenone	9.00	105	244742	39.977 ng	# 94
24) Nitrobenzene	9.39	77	176300	44.731 ng	95
25) Isophorone	9.90	82	310728	38.435 ng	100
26) 2-Nitrophenol	10.10	139	88284	54.696 ng	97
27) 2,4-Dimethylphenol	10.14	122	132188	40.420 ng	98
28) bis(2-Chloroethoxy)methane	10.38	93	199676	40.099 ng	95
29) 2,4-Dichlorophenol	10.63	162	153720	43.007 ng	96
30) 1,2,4-Trichlorobenzene	10.84	180	167416	41.720 ng	98
31) Naphthalene	11.04	128	446196	39.463 ng	99
32) Benzoic acid	10.26	122	98307	46.299 ng	93
33) 4-Chloroaniline	11.15	127	211665	40.375 ng	99
34) Hexachlorobutadiene	11.30	225	111621	41.826 ng	94
35) Caprolactam	11.94	113	66189	44.750 ng	# 88
36) 4-Chloro-3-methylphenol	12.25	107	173968	42.085 ng	96
37) 2-Methylnaphthalene	12.63	142	328487	39.226 ng	96
38) 1-Methylnaphthalene	12.85	142	315226	39.050 ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	202833	40.911 ng	99

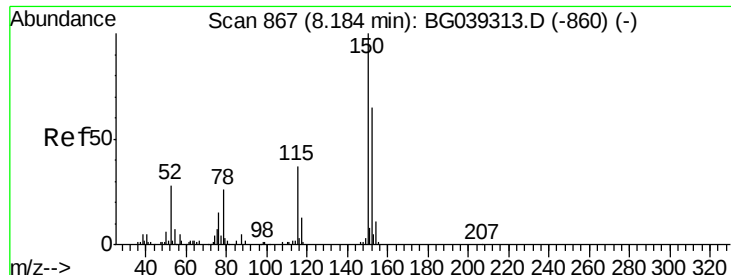
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	116869	43.259	ng	99
43) 2,4,6-Trichlorophenol	13.23	196	134263	44.044	ng	98
44) 2,4,5-Trichlorophenol	13.30	196	140061	43.839	ng	99
46) 1,1'-Biphenyl	13.63	154	494785	38.163	ng	98
47) 2-Chloronaphthalene	13.68	162	382798	39.248	ng	98
48) 2-Nitroaniline	13.88	65	133271	47.642	ng	94
49) Acenaphthylene	14.52	152	578899	39.336	ng	99
50) Dimethylphthalate	14.24	163	505694	40.182	ng	100
51) 2,6-Dinitrotoluene	14.37	165	113939	48.382	ng	95
52) Acenaphthene	14.86	154	367878	38.509	ng	99
53) 3-Nitroaniline	14.70	138	121124	47.759	ng #	94
54) 2,4-Dinitrophenol	14.90	184	58393	62.804	ng	91
55) Dibenzofuran	15.19	168	603420	39.396	ng	98
56) 4-Nitrophenol	14.99	139	100705	46.845	ng	89
57) 2,4-Dinitrotoluene	15.15	165	161982	52.824	ng #	88
58) Fluorene	15.84	166	454857	39.837	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.41	232	136282	45.557	ng	96
60) Diethylphthalate	15.59	149	518950	39.883	ng	97
61) 4-Chlorophenyl-phenylether	15.82	204	262865	40.659	ng	96
62) 4-Nitroaniline	15.87	138	127163	48.169	ng	90
63) Azobenzene	16.11	77	466854	36.708	ng	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	100579	60.275	ng	96
66) n-Nitrosodiphenylamine	16.04	169	452859	38.727	ng	99
67) 4-Bromophenyl-phenylether	16.72	248	175778	41.200	ng	90
68) Hexachlorobenzene	16.83	284	177771	41.530	ng	97
69) Atrazine	16.98	200	148367	34.719	ng	97
70) Pentachlorophenol	17.17	266	125028	42.025	ng	97
71) Phenanthrene	17.58	178	770788	38.724	ng	97
72) Anthracene	17.67	178	767130	39.127	ng	98
73) Carbazole	17.94	167	763174	39.004	ng	98
74) Di-n-butylphthalate	18.47	149	885838	38.806	ng	99
75) Fluoranthene	19.58	202	918332	39.749	ng	98
77) Benzidine	19.76	184	442080	35.193	ng	98
78) Pyrene	19.94	202	941542	39.475	ng	99
80) Butylbenzylphthalate	20.81	149	403870	40.140	ng	95
81) Benzo(a)anthracene	21.81	228	895184	39.541	ng	99
82) 3,3'-Dichlorobenzidine	21.72	252	349621	41.648	ng	98
83) Chrysene	21.88	228	853588	39.607	ng	99
84) Bis(2-ethylhexyl)phthalate	21.67	149	573658	39.965	ng	99
85) Di-n-octyl phthalate	22.93	149	945103	39.853	ng	96
86) Indeno(1,2,3-cd)pyrene	29.08	276	980942	42.423	ng #	95
88) Benzo(b)fluoranthene	24.12	252	856408	39.340	ng	99
89) Benzo(k)fluoranthene	24.19	252	836391	38.268	ng	98
90) Benzo(a)pyrene	25.04	252	834015	39.780	ng	98
91) Dibenzo(a,h)anthracene	29.16	278	798741	40.681	ng	100
92) Benzo(g,h,i)perylene	30.31	276	805606	41.165	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.17 min Scan# 864

Delta R.T. -0.02 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

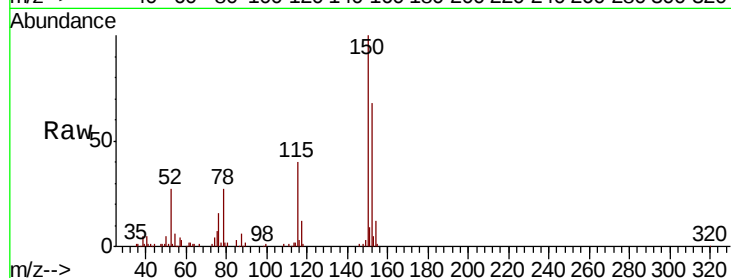
Tot Ion:152 Resp: 53740

Ion Ratio Lower Upper

152 100

150 148.0 123.7 185.5

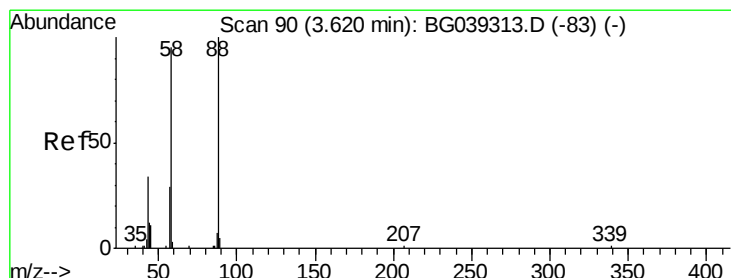
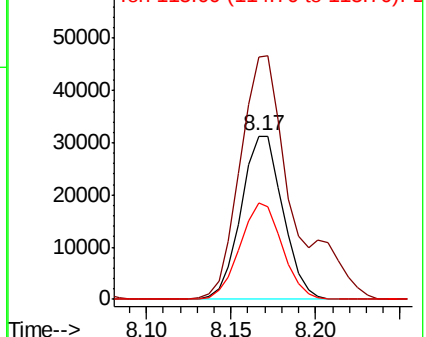
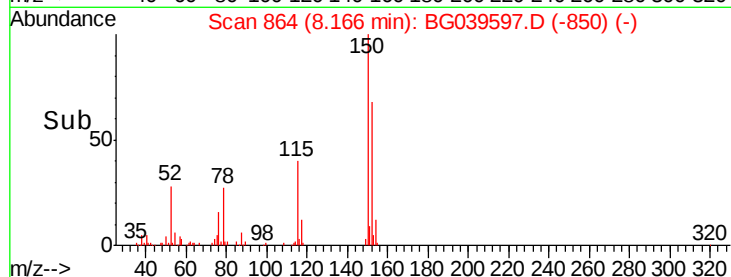
115 58.9 45.9 68.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.103 ng

RT: 3.61 min Scan# 88

Delta R.T. -0.01 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

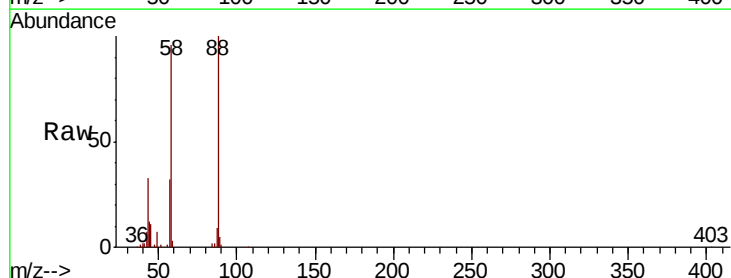
Tgt Ion: 88 Resp: 55081

Ion Ratio Lower Upper

88 100

58 95.4 81.1 121.7

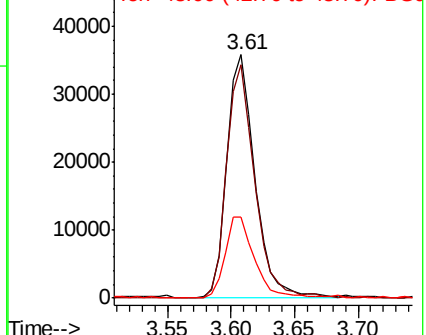
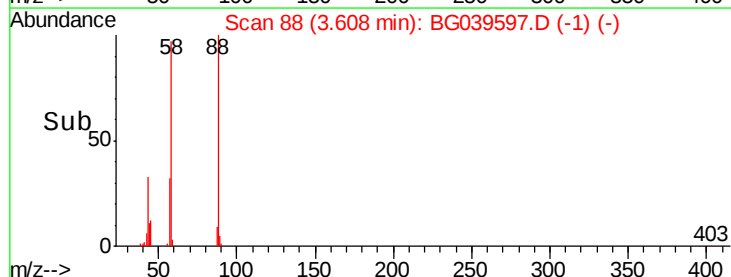
43 34.5 31.4 47.0



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: 41.679 ng

RT: 4.01 min Scan# 156

Delta R.T. -0.01 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

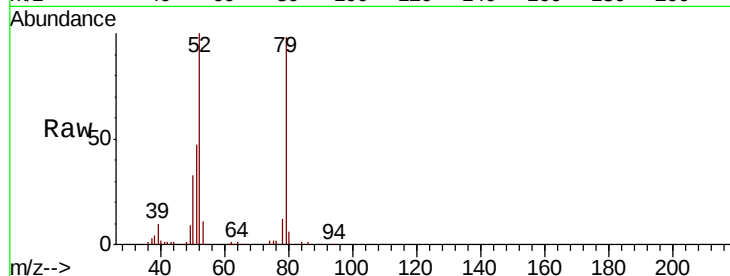
Tot Ion: 79 Resp: 151565

Ion Ratio Lower Upper

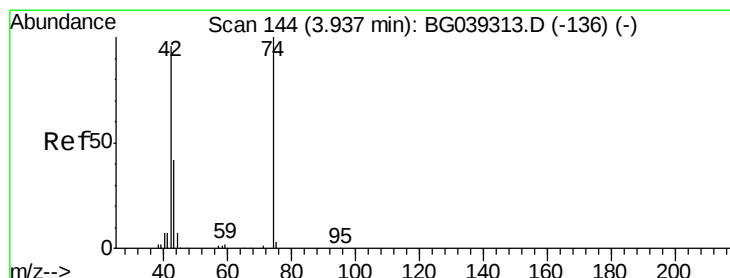
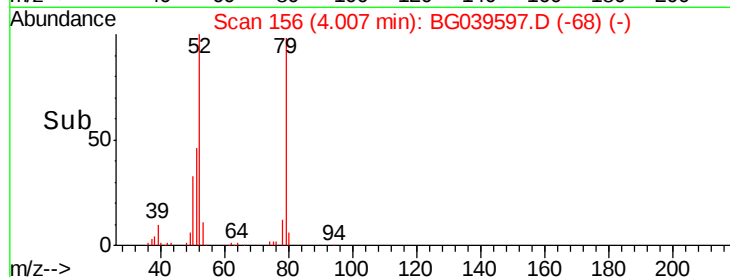
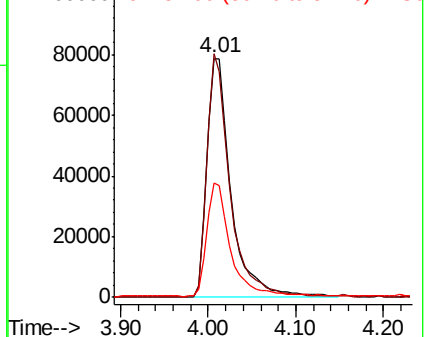
79 100

52 102.0 82.6 124.0

51 48.0 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: 36.271 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

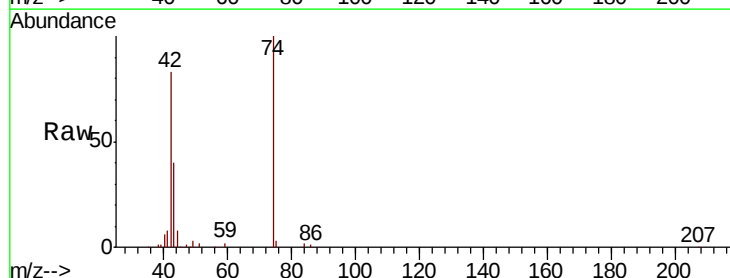
Tgt Ion: 42 Resp: 65964

Ion Ratio Lower Upper

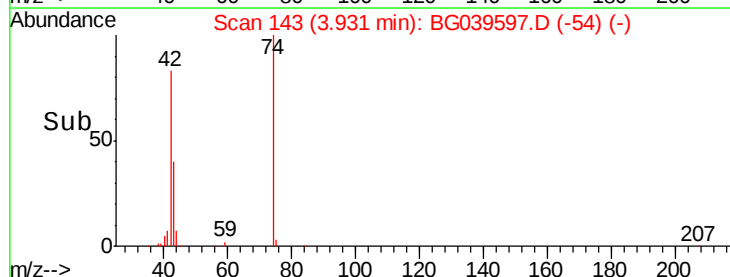
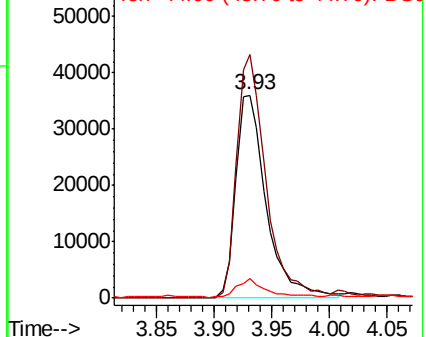
42 100

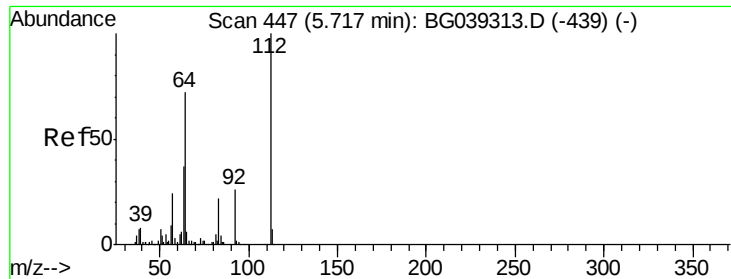
74 120.0 83.6 125.4

44 9.5 6.9 10.3



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





#5

2-Fluorophenol

Concen: 79.597 ng

RT: 5.71 min Scan# 446

Delta R.T. -0.01 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

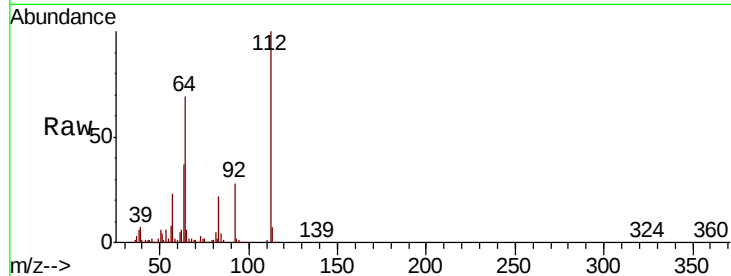
Tot Ion:112 Resp: 249928

Ion Ratio Lower Upper

112 100

64 69.0 57.8 86.8

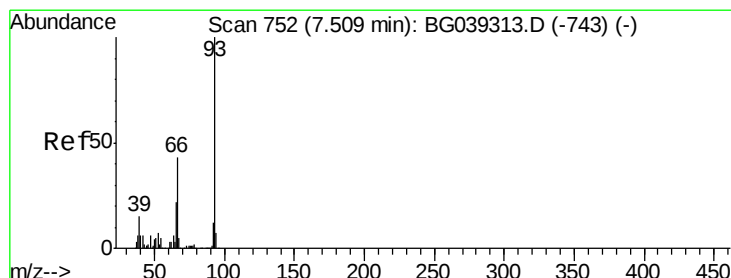
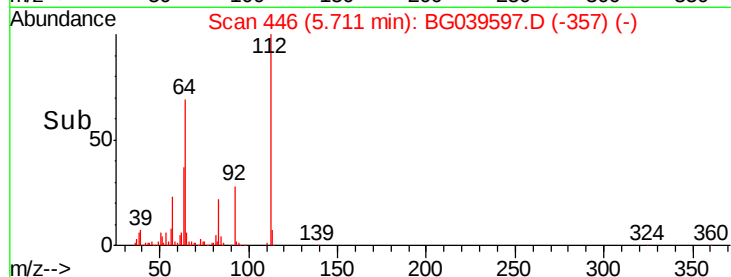
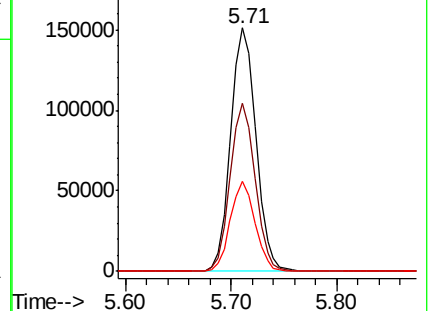
63 37.2 29.8 44.6



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: 38.542 ng

RT: 7.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

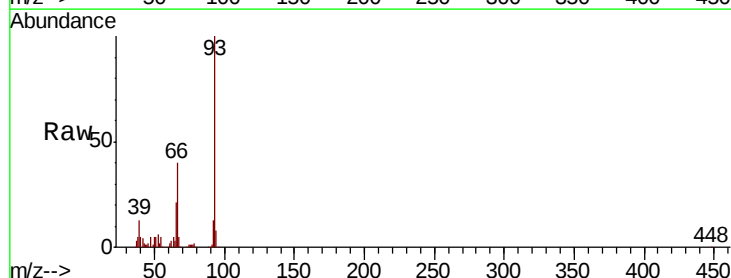
Tgt Ion: 93 Resp: 223131

Ion Ratio Lower Upper

93 100

66 40.2 34.2 51.4

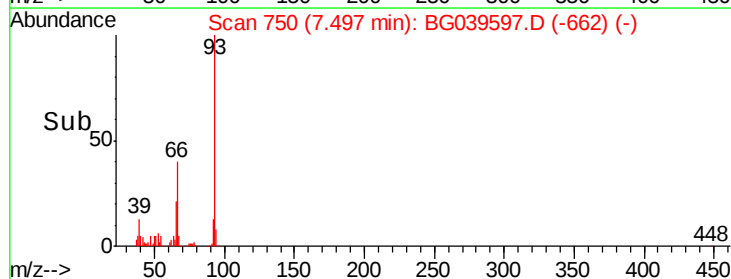
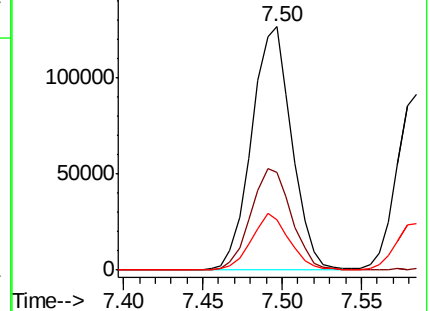
65 20.8 17.7 26.5



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: 79.479 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

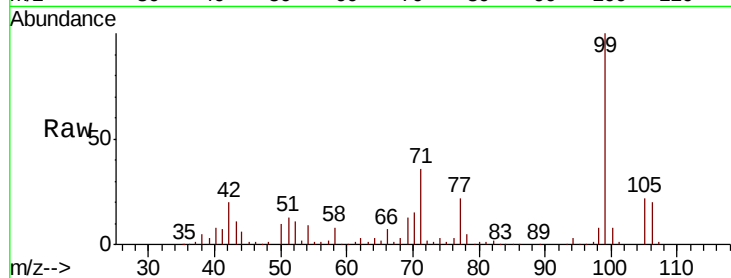
Tot Ion: 99 Resp: 367343

Ion Ratio Lower Upper

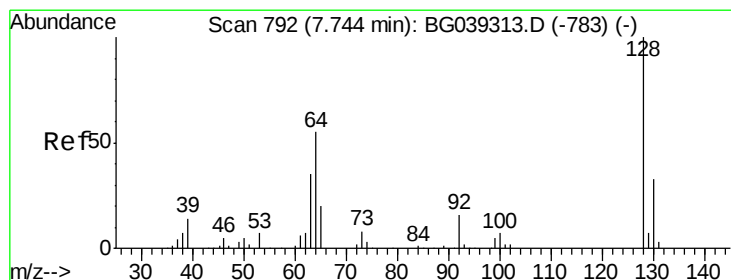
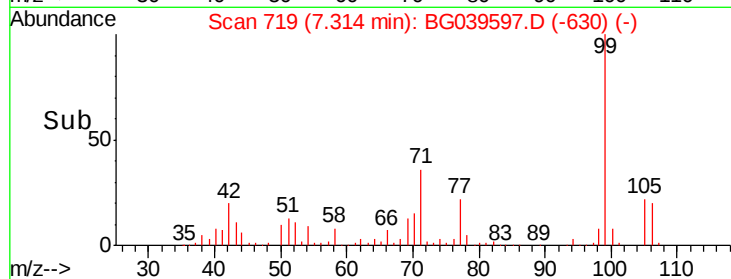
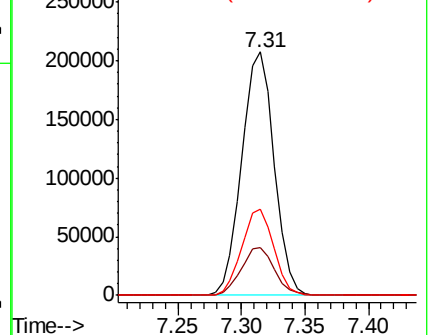
99 100

42 19.7 18.2 27.2

71 35.6 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: 40.168 ng

RT: 7.73 min Scan# 789

Delta R.T. -0.02 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

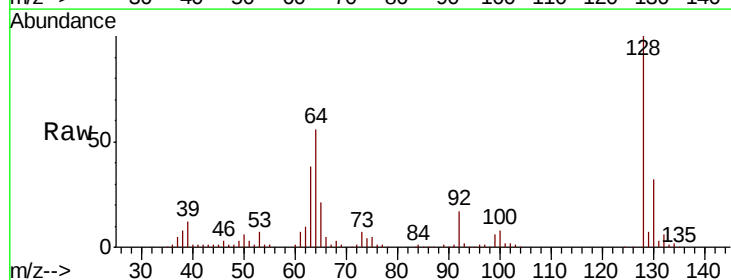
Tgt Ion: 128 Resp: 137865

Ion Ratio Lower Upper

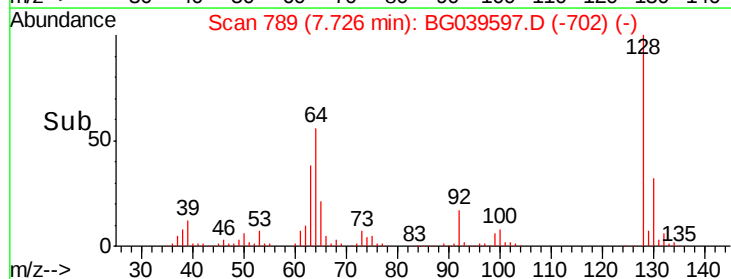
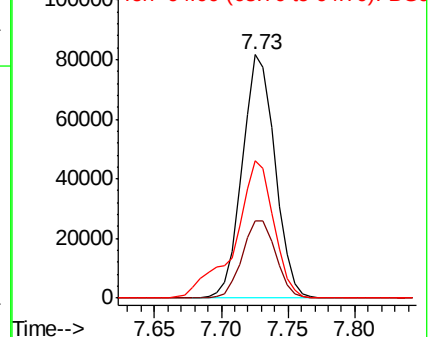
128 100

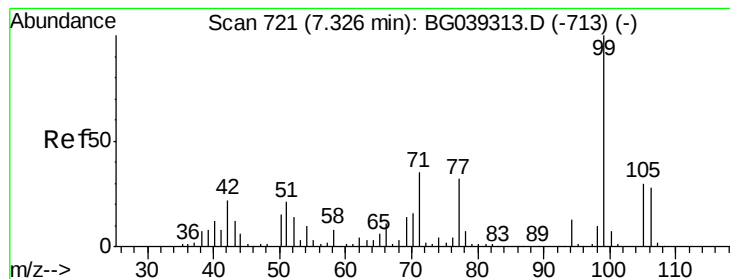
130 31.8 12.9 52.9

64 56.2 38.7 78.7



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





#9

Benzaldehyde

Concen: 39.086 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

Instrument :

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ClientSampleId :

SSTDCCC040

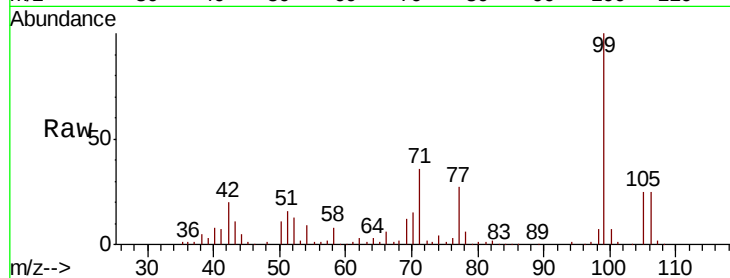
Tot Ion: 77 Resp: 90812

Ion Ratio Lower Upper

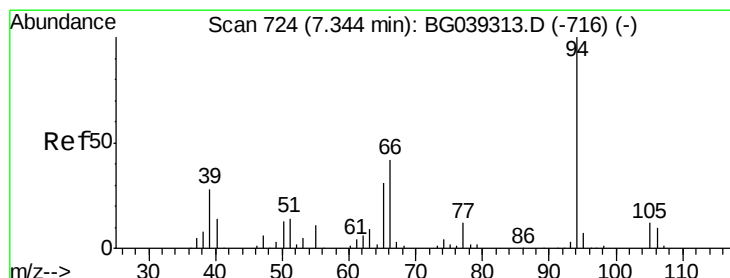
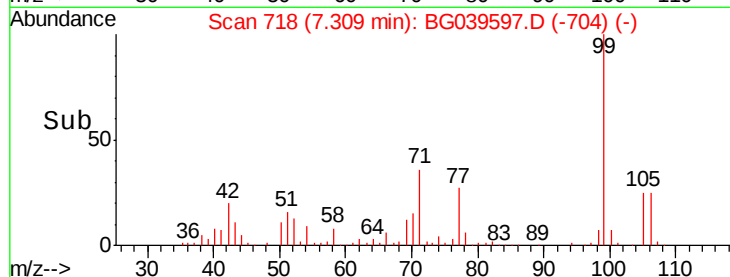
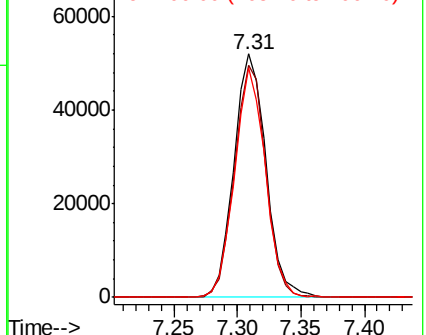
77 100

105 95.4 74.5 114.5

106 94.4 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: 39.636 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

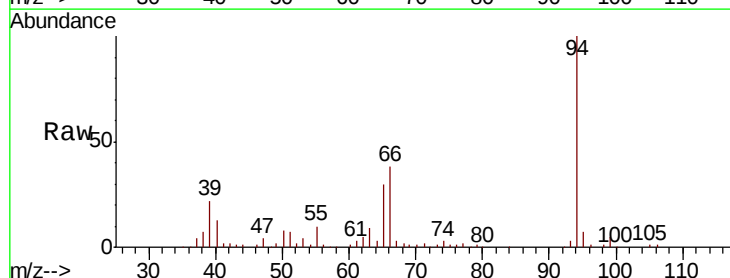
Tgt Ion: 94 Resp: 190964

Ion Ratio Lower Upper

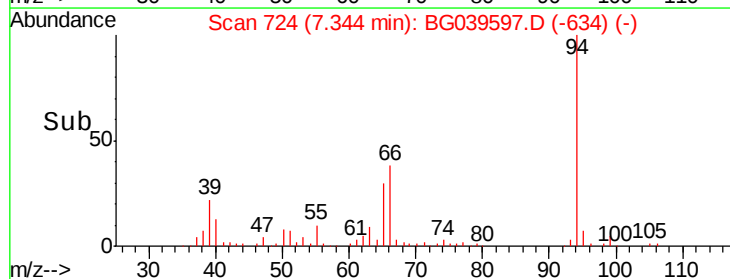
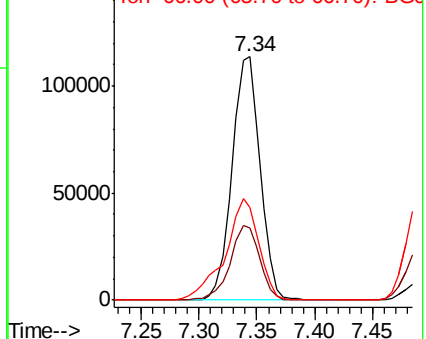
94 100

65 29.6 11.7 51.7

66 37.8 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

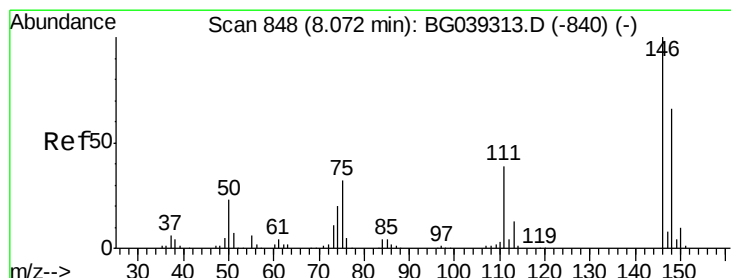
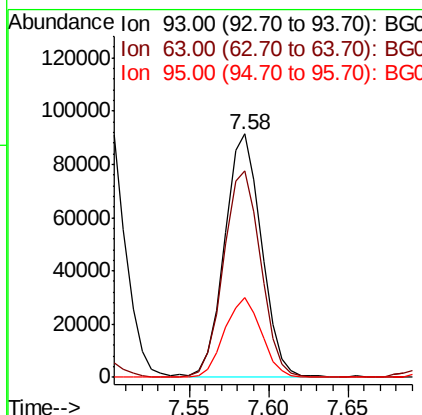
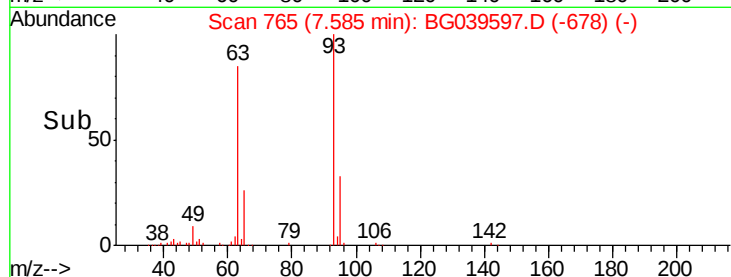
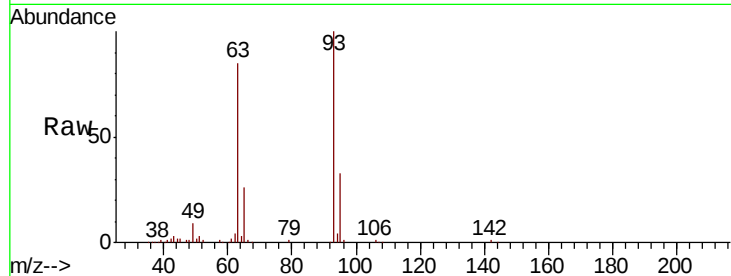




#11
bis(2-Chloroethyl)ether
Concen: 38.434 ng
RT: 7.58 min Scan# 765
Delta R.T. -0.02 min
Lab File: BG039597.D
Acq: 26 Feb 2019 12:45

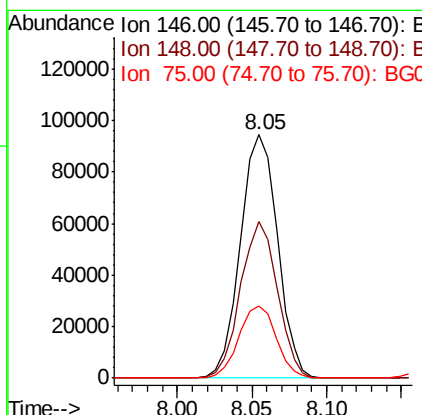
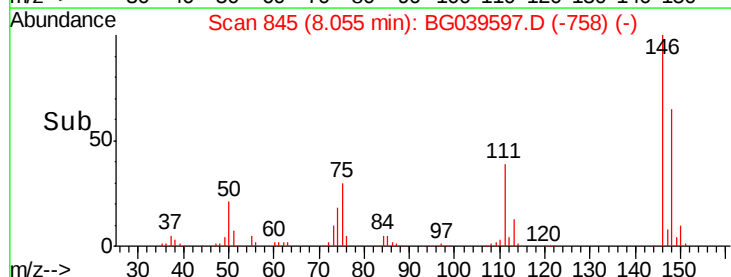
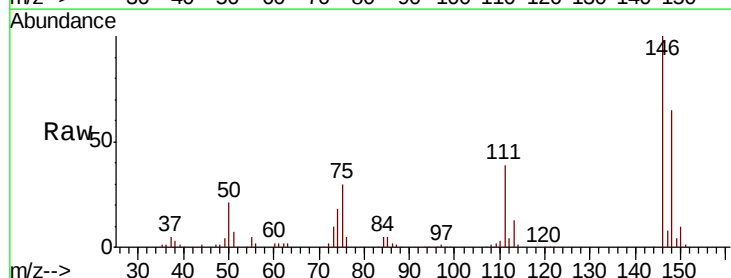
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

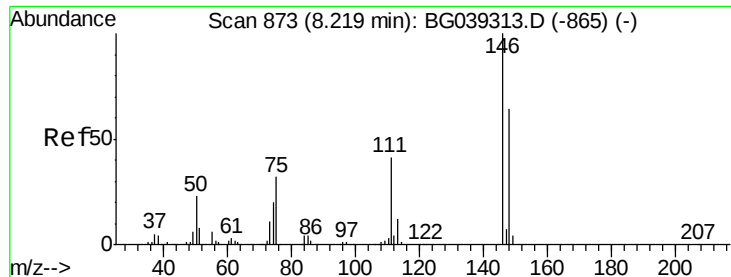
Tot Ion: 93 Resp: 146321
Ion Ratio Lower Upper
93 100
63 85.1 69.5 109.5
95 33.0 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 39.175 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG039597.D
Acq: 26 Feb 2019 12:45

Tgt Ion: 146 Resp: 162885
Ion Ratio Lower Upper
146 100
148 64.5 52.6 79.0
75 29.8 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 39.757 ng

RT: 8.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

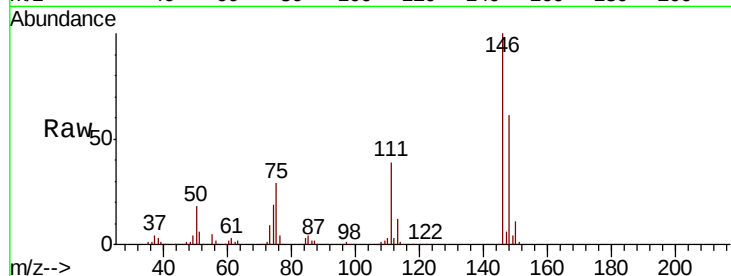
Tot Ion:146 Resp: 164764

Ion Ratio Lower Upper

146 100

148 61.2 51.1 76.7

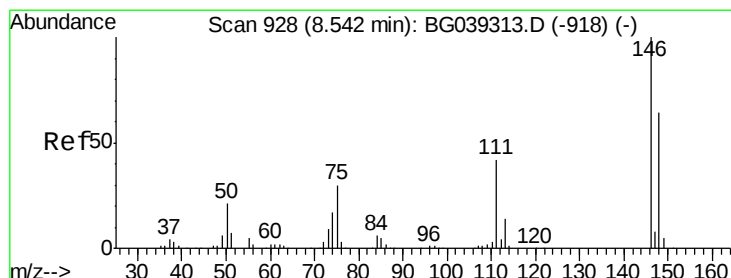
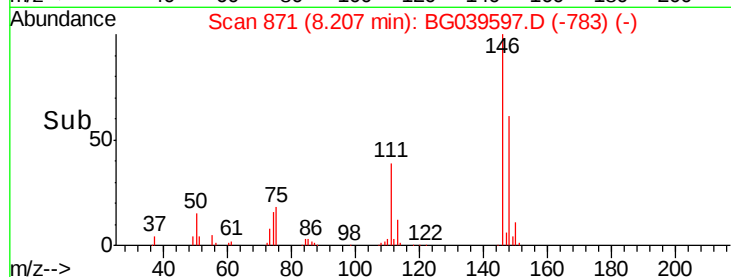
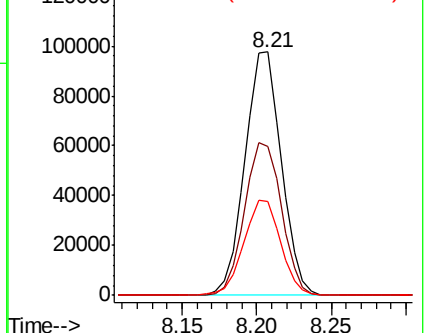
111 38.6 32.6 48.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.205 ng

RT: 8.52 min Scan# 925

Delta R.T. -0.02 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

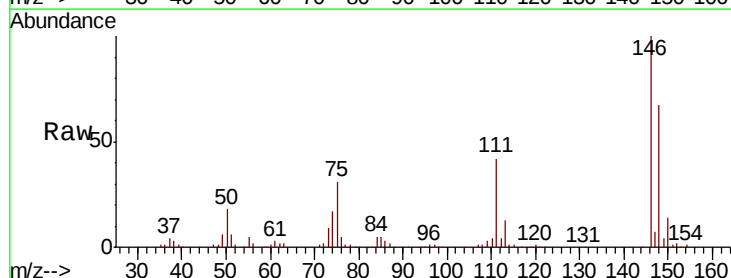
Tgt Ion:146 Resp: 157289

Ion Ratio Lower Upper

146 100

148 66.5 51.5 77.3

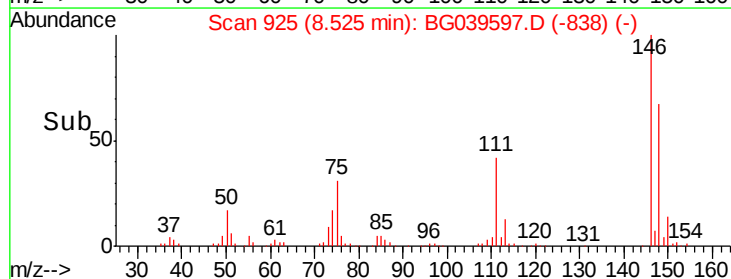
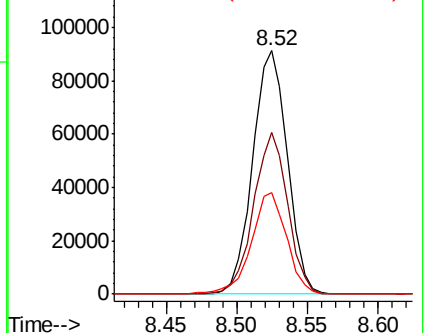
111 41.7 33.8 50.6

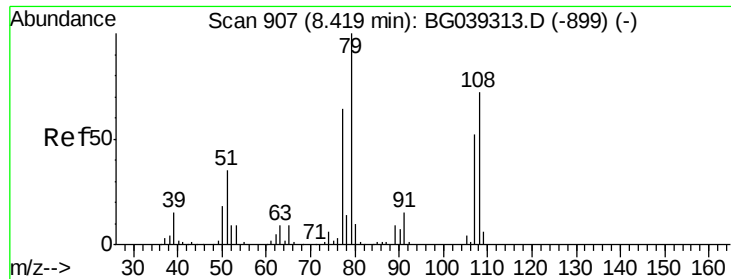


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.281 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

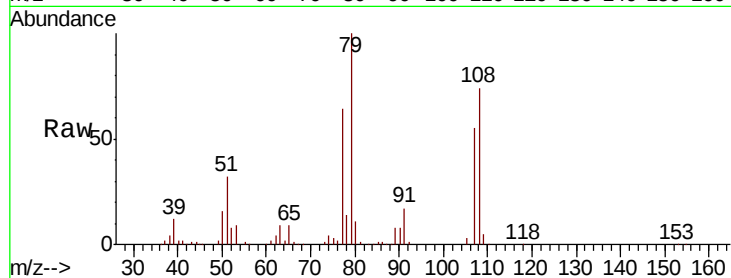
Tot Ion: 79 Resp: 142535

Ion Ratio Lower Upper

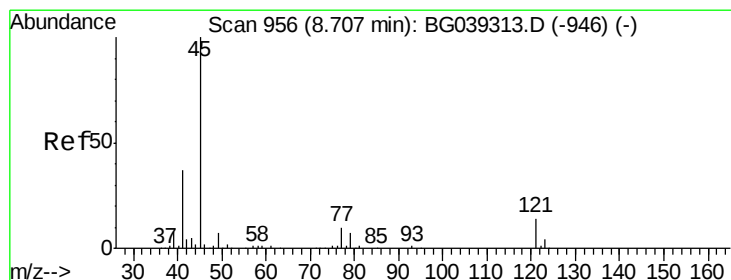
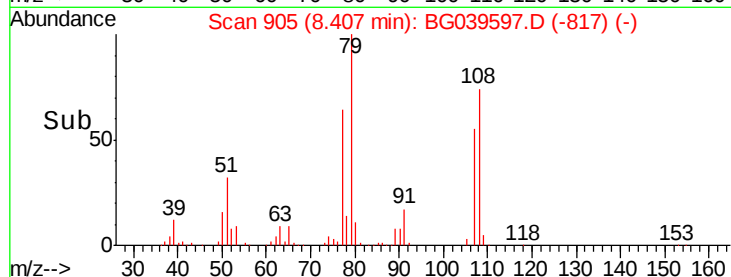
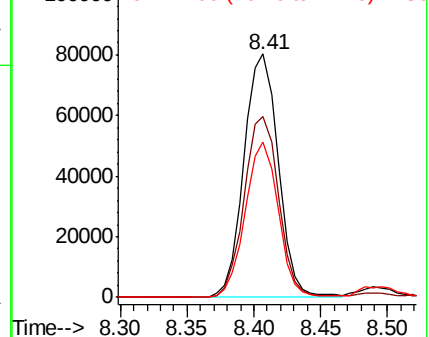
79 100

108 74.2 57.8 86.6

77 64.0 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: 33.536 ng

RT: 8.69 min Scan# 953

Delta R.T. -0.02 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

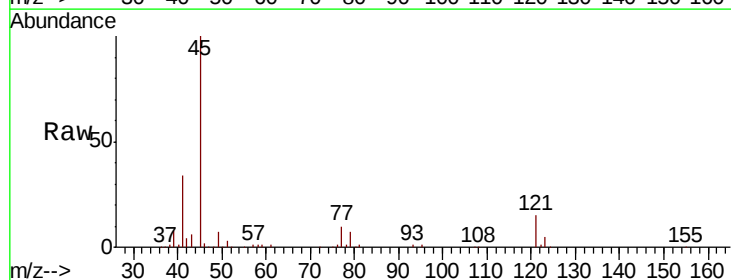
Tgt Ion: 45 Resp: 288323

Ion Ratio Lower Upper

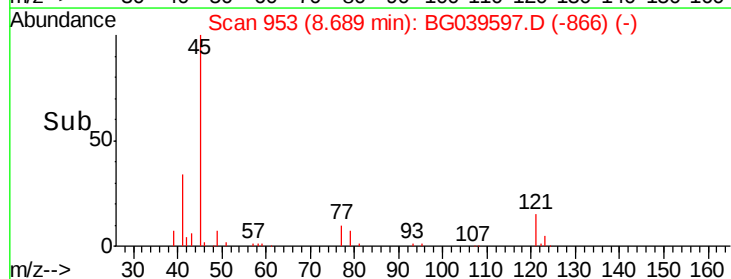
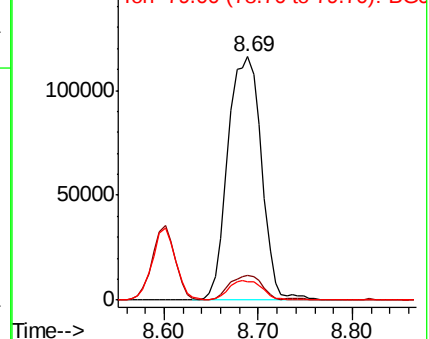
45 100

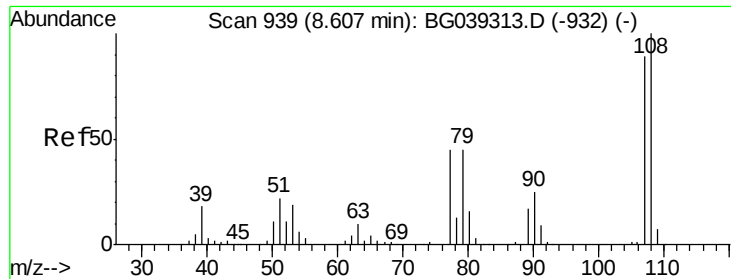
77 10.4 0.0 30.0

79 7.4 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

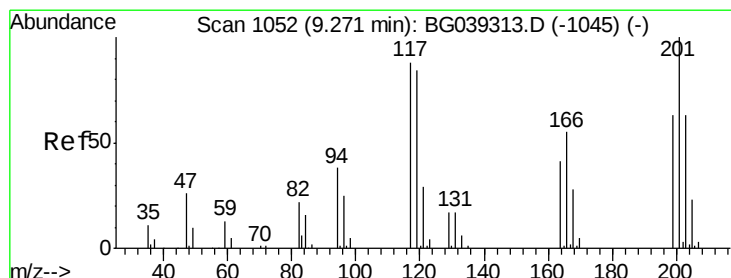
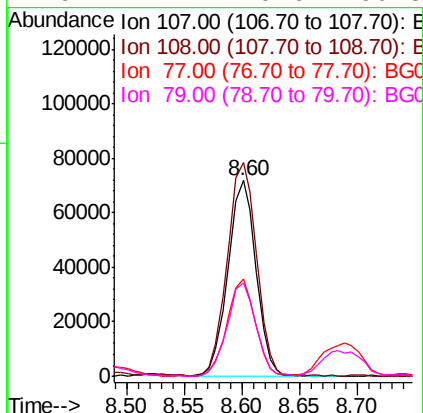
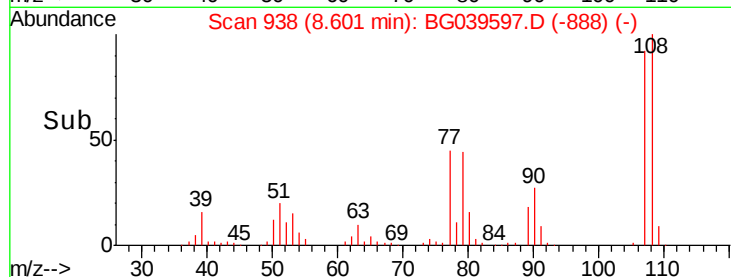
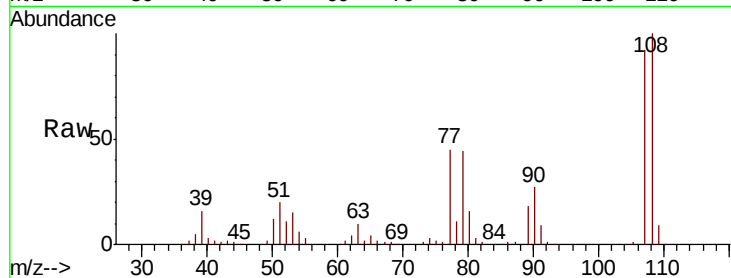




#17
2-Methylphenol
Concen: 38.965 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG039597.D
Acq: 26 Feb 2019 12:45

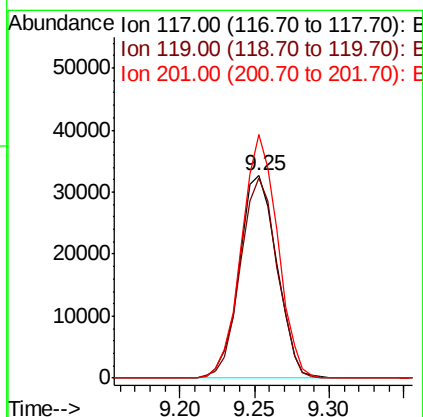
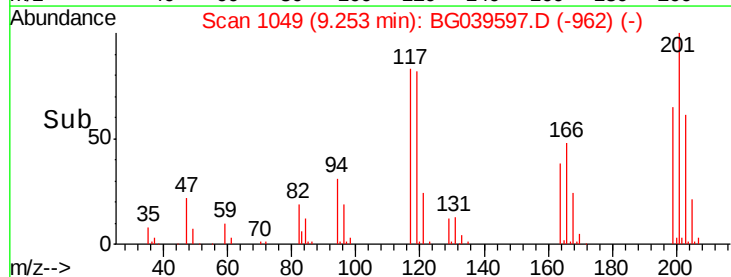
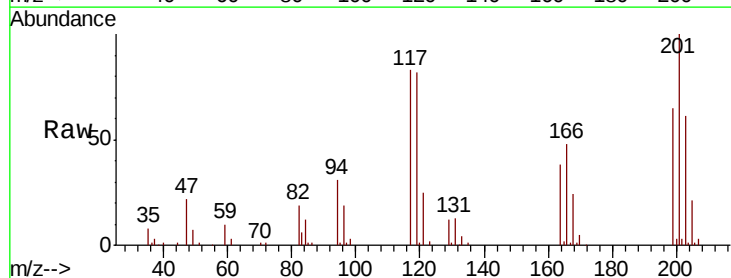
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

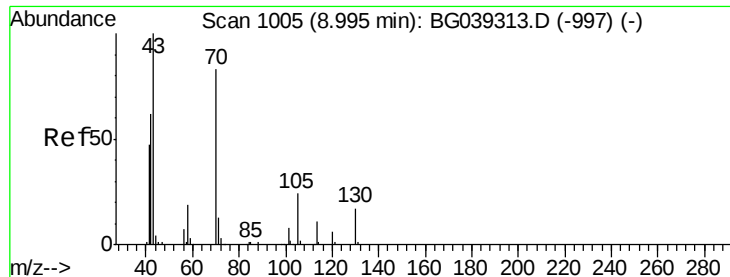
Tot Ion:	107	Resp:	121486
Ion	Ratio	Lower	Upper
107	100		
108	109.1	90.8	136.2
77	49.5	40.7	61.1
79	47.7	40.6	60.8



#18
Hexachloroethane
Concen: 39.910 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BG039597.D
Acq: 26 Feb 2019 12:45

Tgt Ion:	117	Resp:	56903
Ion	Ratio	Lower	Upper
117	100		
119	98.9	76.3	114.5
201	120.5	91.1	136.7

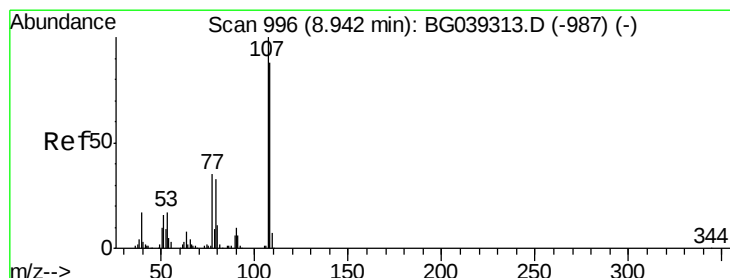
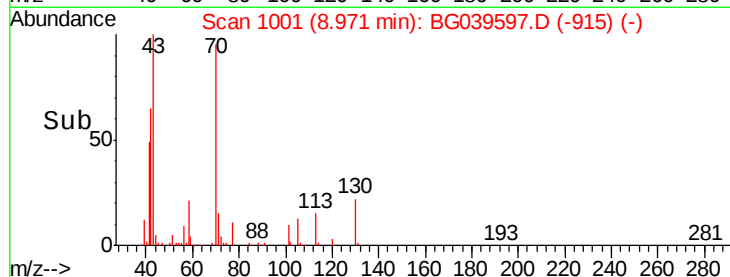
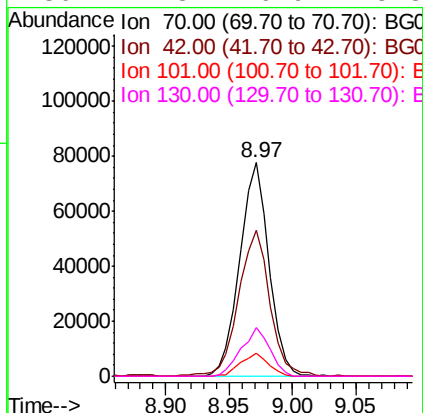
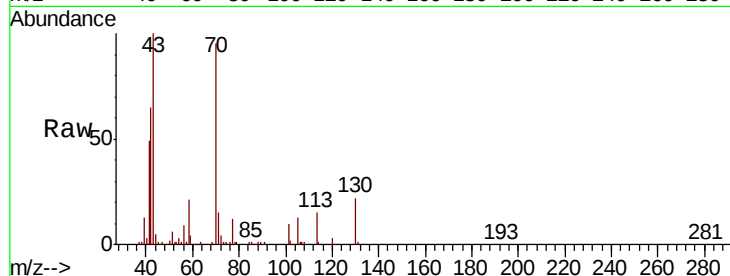




#19
n-Nitroso-di-n-propylamine
Concen: 37.702 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG039597.D
Acq: 26 Feb 2019 12:45

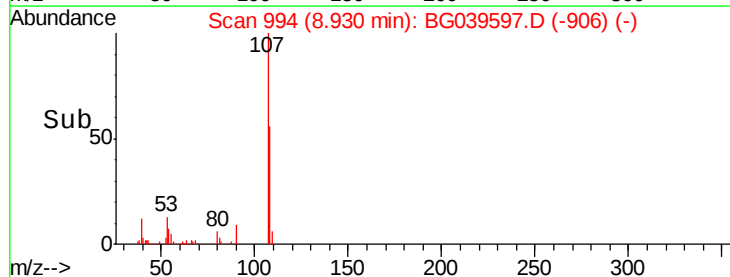
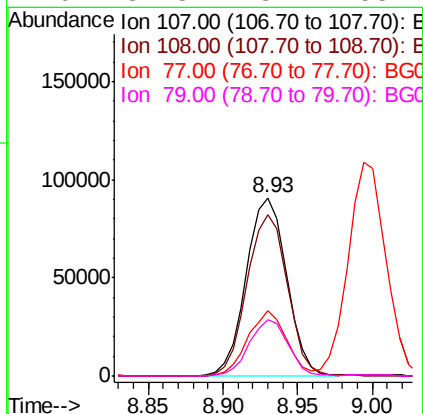
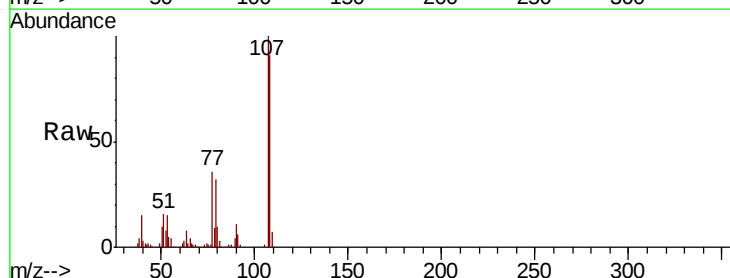
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	123680
Ion	Ratio	Lower	Upper
70	100		
42	68.5	60.4	90.6
101	10.5	7.5	11.3
130	22.8	16.9	25.3



#20
3+4-Methylphenols
Concen: 39.711 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BG039597.D
Acq: 26 Feb 2019 12:45

Tgt Ion:	107	Resp:	170498
Ion	Ratio	Lower	Upper
107	100		
108	90.6	67.9	107.9
77	36.4	15.4	55.4
79	31.8	13.7	53.7

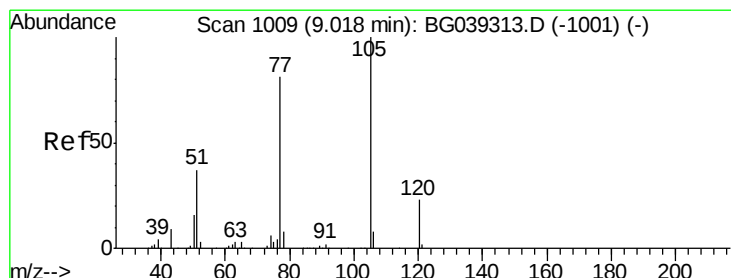
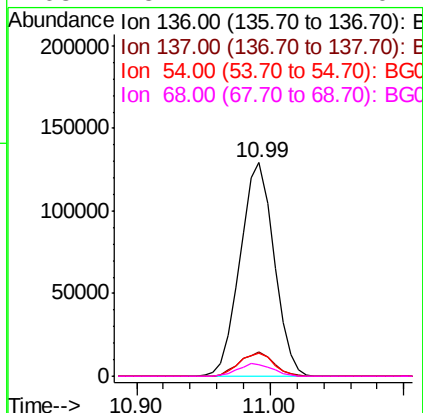
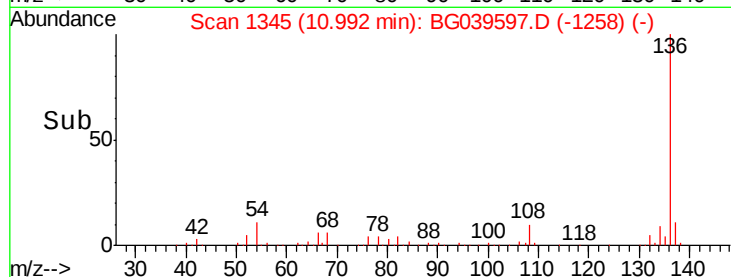
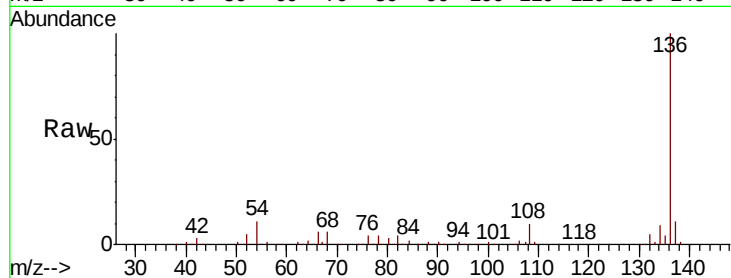




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039597.D
Acq: 26 Feb 2019 12:45

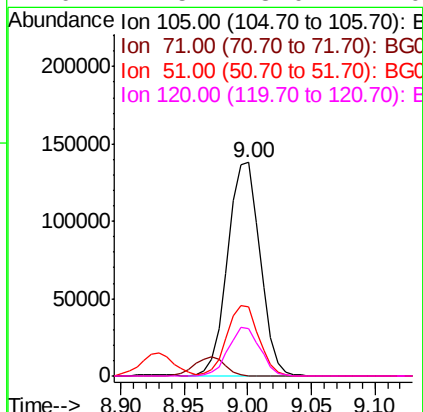
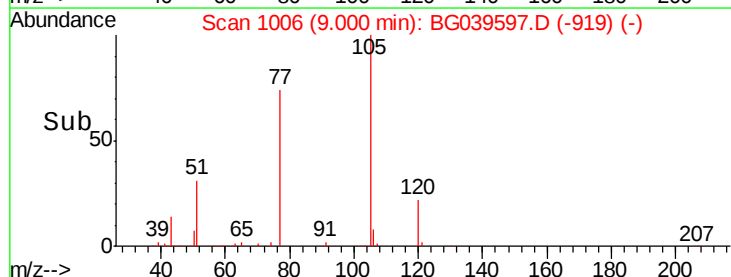
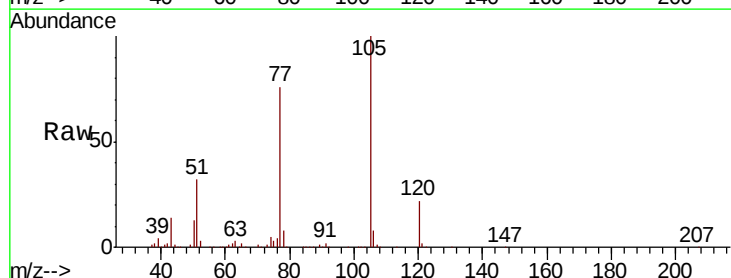
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	227913
Ion	Ratio	Lower Upper
136	100	
137	11.4	9.1 13.7
54	10.5	9.4 14.2
68	5.7	4.2 6.4



#22
Acetophenone
Concen: 39.977 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG039597.D
Acq: 26 Feb 2019 12:45

Tgt Ion:105	Resp:	244742
Ion	Ratio	Lower Upper
105	100	
71	0.3	0.8 1.2#
51	32.1	30.2 45.2
120	22.5	18.0 27.0

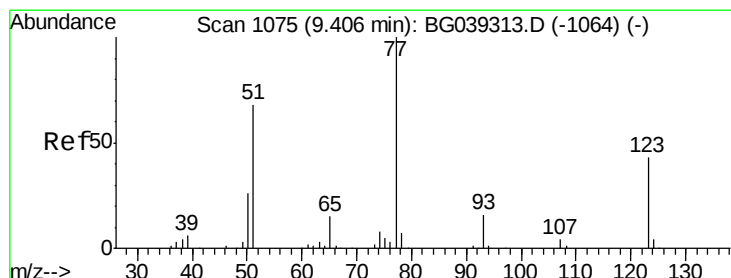
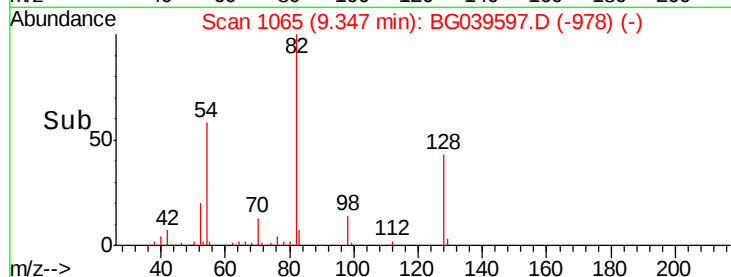
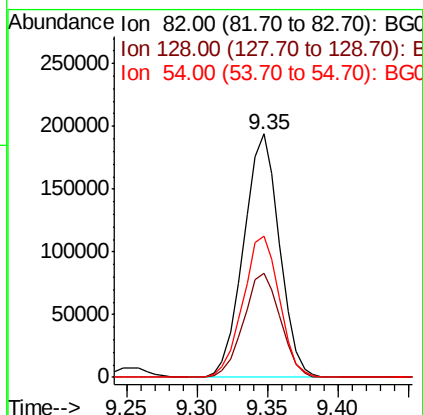
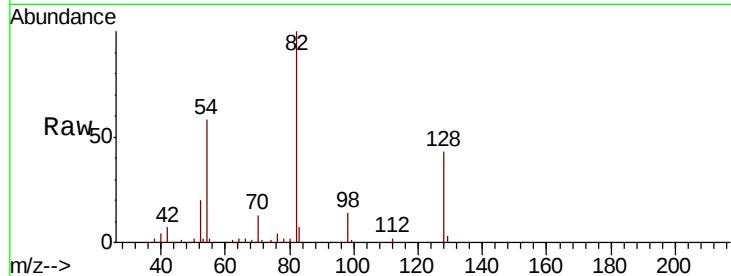




#23
Nitrobenzene-d5
Concen: 94.619 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039597.D
Acq: 26 Feb 2019 12:45

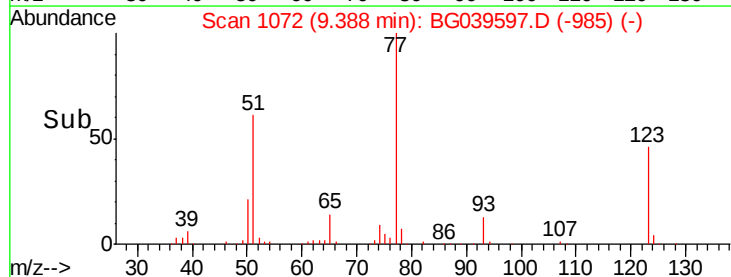
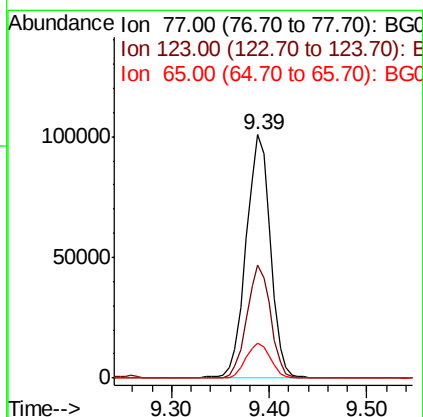
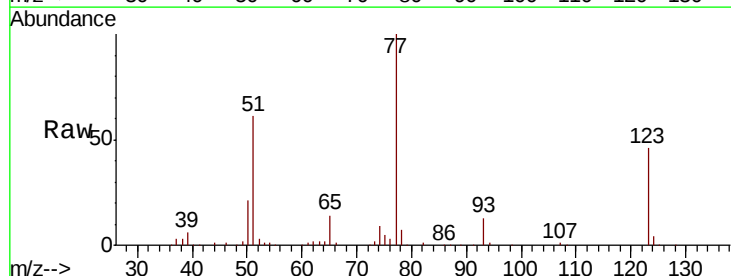
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	82	Resp	345195
Ion Ratio	100	Lower	Upper
128	42.6	31.3	46.9
54	58.0	50.9	76.3



#24
Nitrobenzene
Concen: 44.731 ng
RT: 9.39 min Scan# 1072
Delta R.T. -0.02 min
Lab File: BG039597.D
Acq: 26 Feb 2019 12:45

Tgt Ion	77	Resp	176300
Ion Ratio	100	Lower	Upper
123	46.3	34.1	51.1
65	14.4	12.3	18.5





#25

Isophorone

Concen: 38.435 ng

RT: 9.90 min Scan# 1159

Delta R.T. -0.02 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

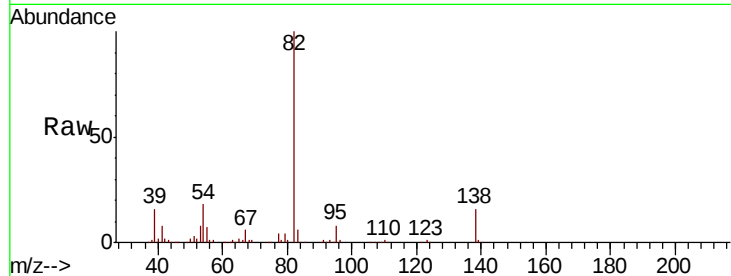
Tot Ion: 82 Resp: 310728

Ion Ratio Lower Upper

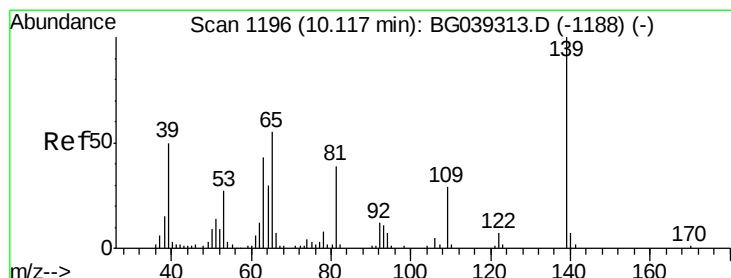
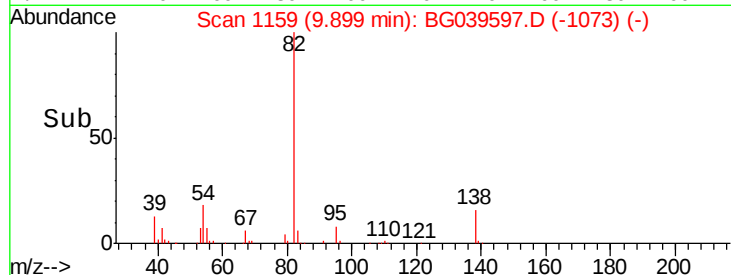
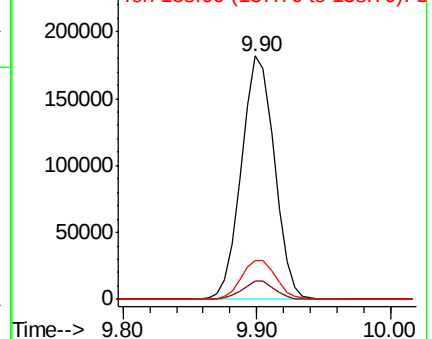
82 100

95 7.6 6.2 9.2

138 16.0 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: 54.696 ng

RT: 10.10 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

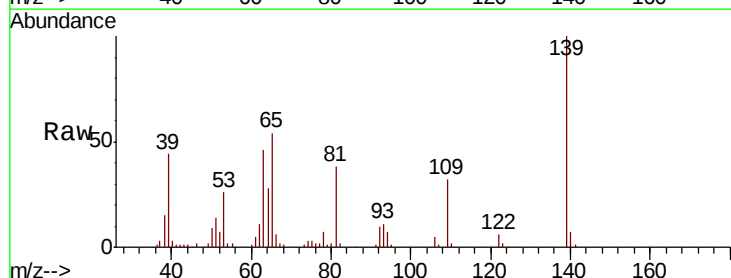
Tgt Ion: 139 Resp: 88284

Ion Ratio Lower Upper

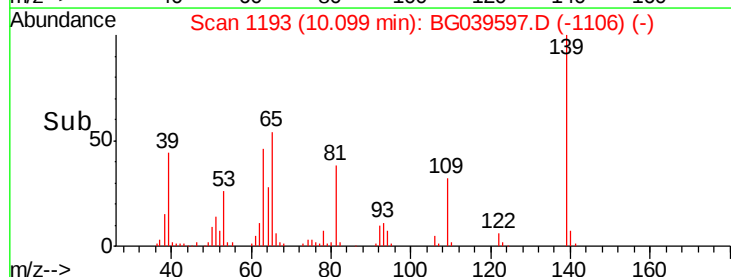
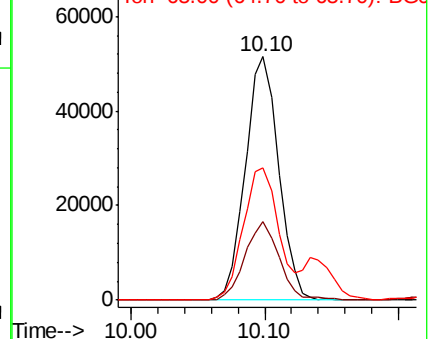
139 100

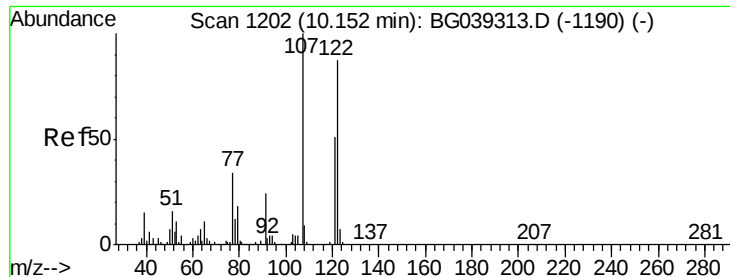
109 32.1 23.4 35.0

65 54.2 44.3 66.5



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





#27

2,4-Dimethylphenol

Concen: 40.420 ng

RT: 10.14 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

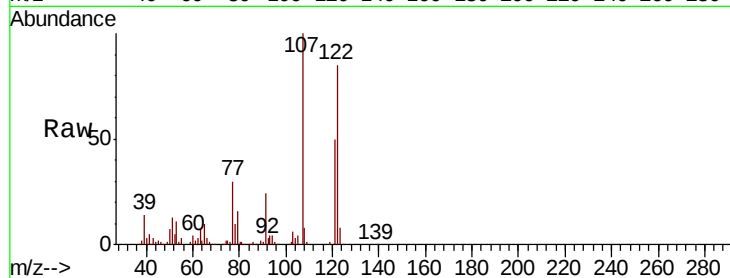
Tot Ion:122 Resp: 132188

Ion Ratio Lower Upper

122 100

107 118.0 91.7 137.5

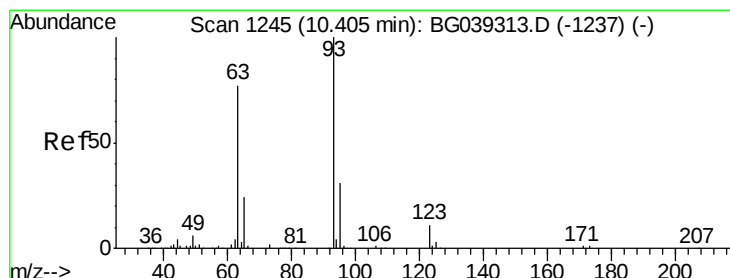
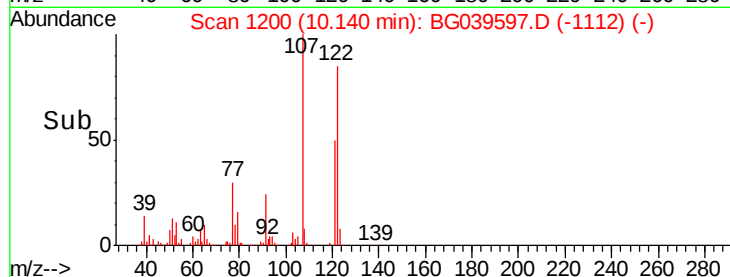
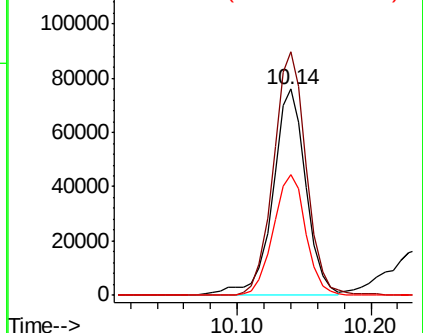
121 58.7 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.099 ng

RT: 10.38 min Scan# 1241

Delta R.T. -0.02 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

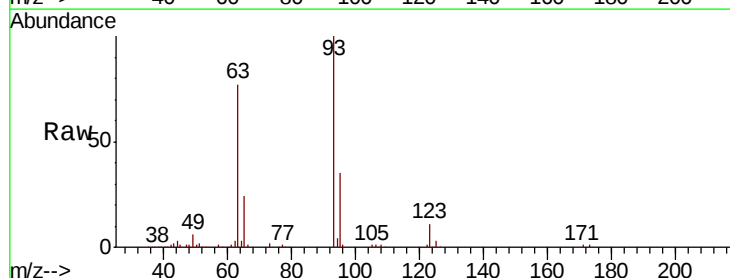
Tgt Ion: 93 Resp: 199676

Ion Ratio Lower Upper

93 100

95 34.8 25.0 37.4

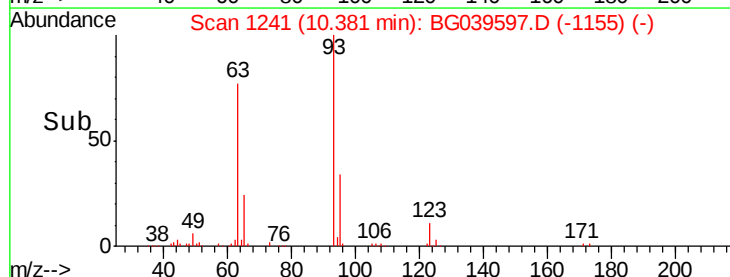
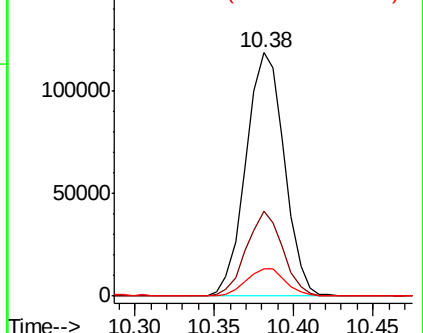
123 11.4 8.6 12.8



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

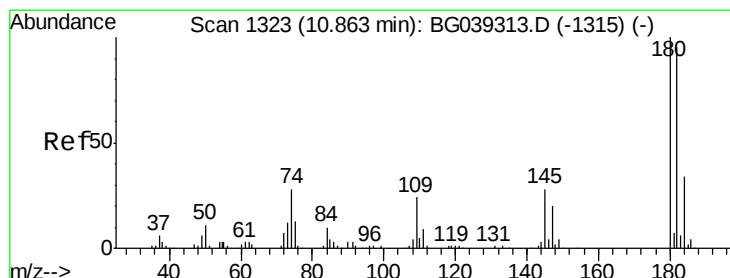
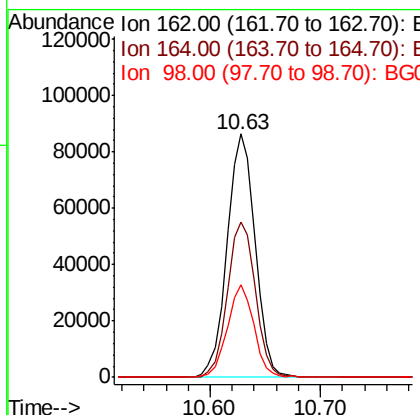
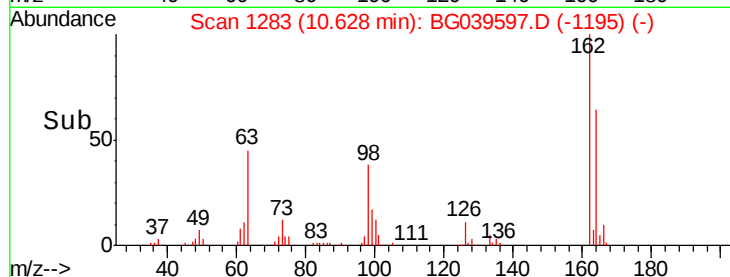
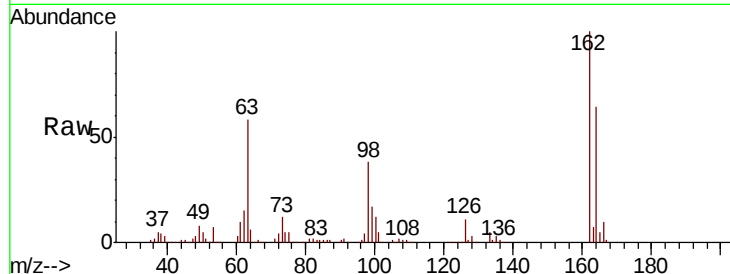




#29
2,4-Dichlorophenol
Concen: 43.007 ng
RT: 10.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG039597.D
Acq: 26 Feb 2019 12:45

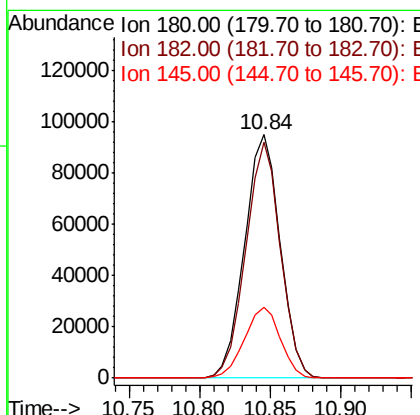
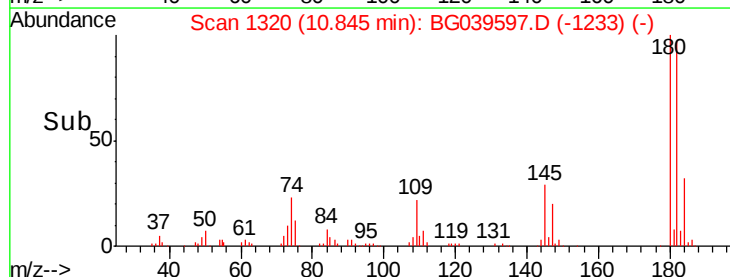
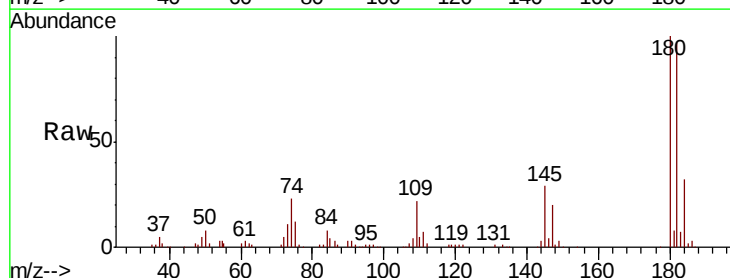
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

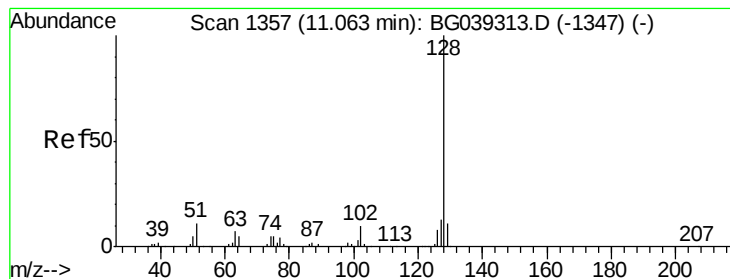
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	48.1	88.1
98	37.8	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 41.720 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG039597.D
Acq: 26 Feb 2019 12:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	76.0	114.0
145	29.1	22.7	34.1

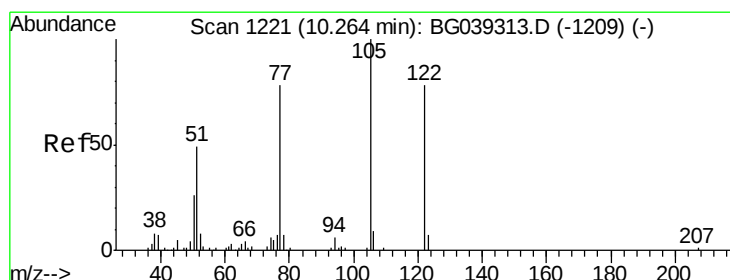
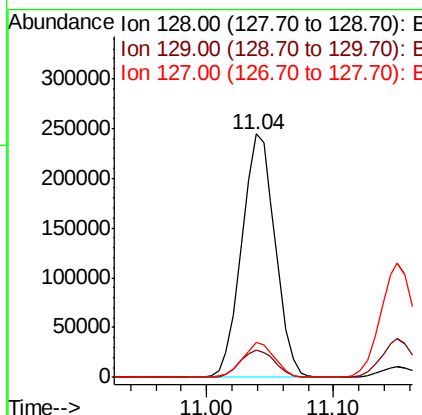
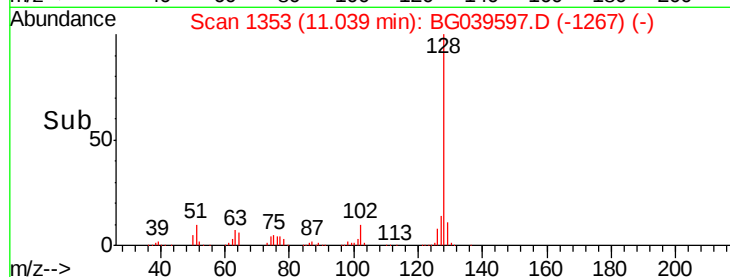
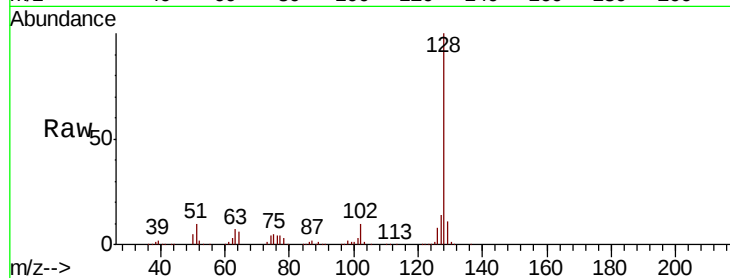




#31
Naphthalene
Concen: 39.463 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.02 min
Lab File: BG039597.D
Acq: 26 Feb 2019 12:45

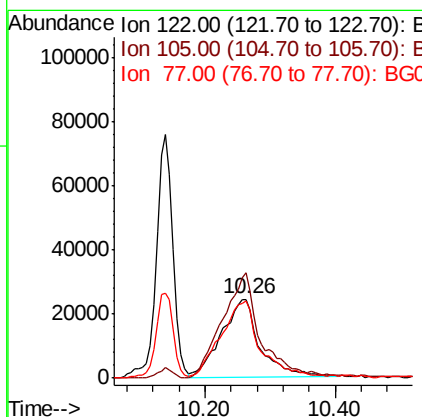
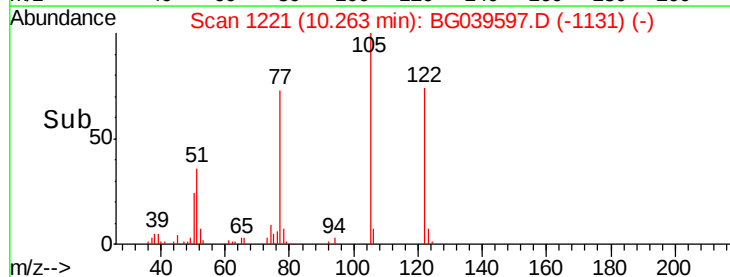
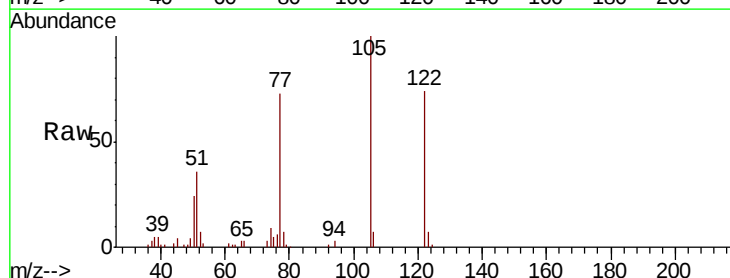
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

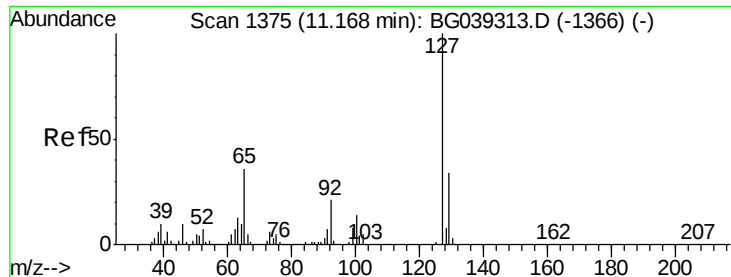
Tot Ion:128 Resp: 446196
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 14.1 10.8 16.2



#32
Benzoic acid
Concen: 46.299 ng
RT: 10.26 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BG039597.D
Acq: 26 Feb 2019 12:45

Tgt Ion:122 Resp: 98307
Ion Ratio Lower Upper
122 100
105 134.2 101.8 141.8
77 97.4 76.3 116.3

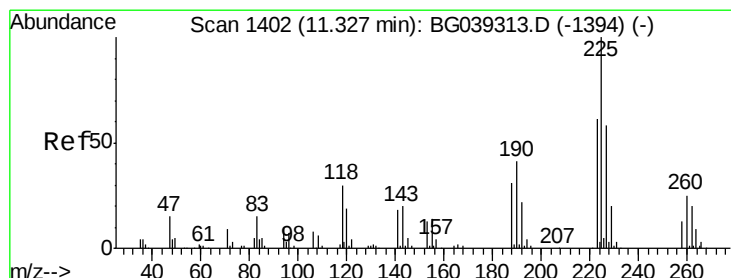
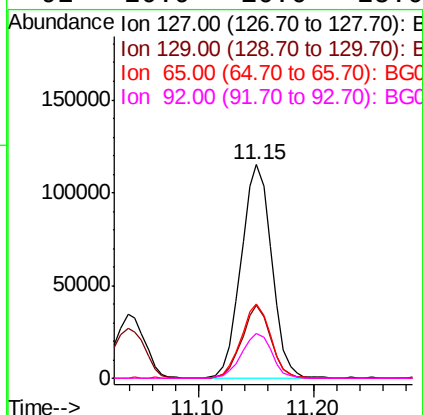
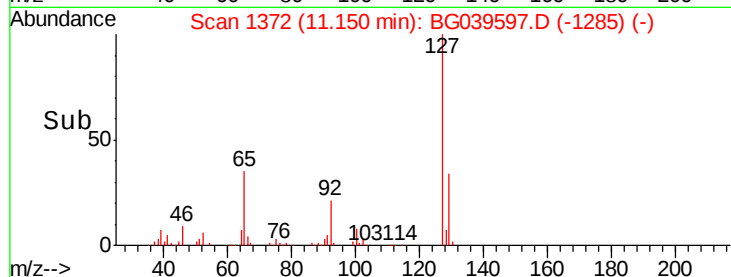
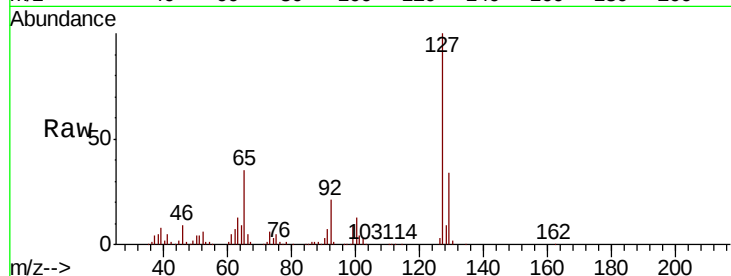




#33
4-Chloroaniline
Concen: 40.375 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BG039597.D
Acq: 26 Feb 2019 12:45

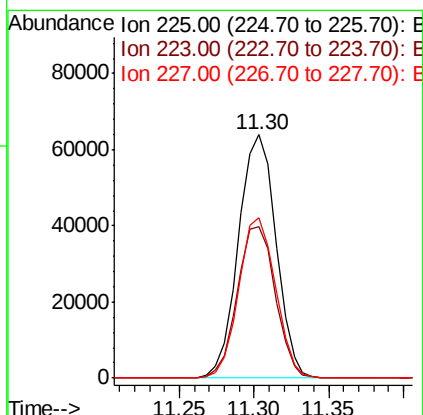
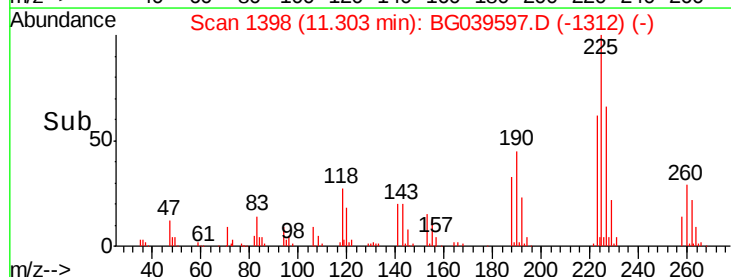
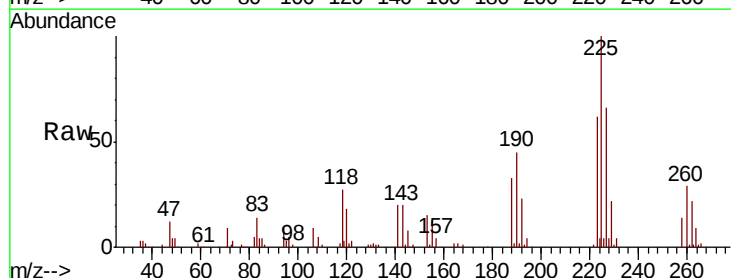
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	211665
Ion	Ratio	Lower	Upper
127	100		
129	34.1	27.0	40.4
65	34.8	28.8	43.2
92	20.9	16.6	25.0



#34
Hexachlorobutadiene
Concen: 41.826 ng
RT: 11.30 min Scan# 1398
Delta R.T. -0.02 min
Lab File: BG039597.D
Acq: 26 Feb 2019 12:45

Tgt Ion:	225	Resp:	111621
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.0	73.6
227	65.7	46.3	69.5





#35

Caprolactam

Concen: 44.750 ng

RT: 11.94 min Scan# 1506

Delta R.T. -0.02 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

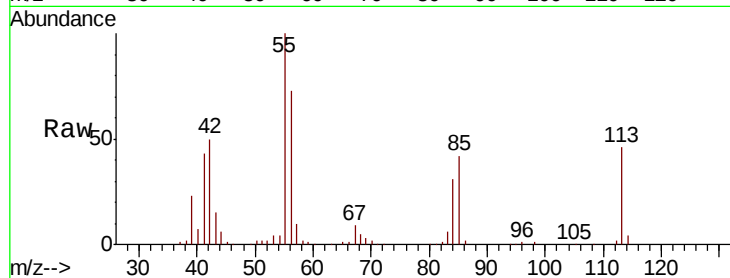
Tot Ion:113 Resp: 66189

Ion Ratio Lower Upper

113 100

55 215.9 216.9 256.9#

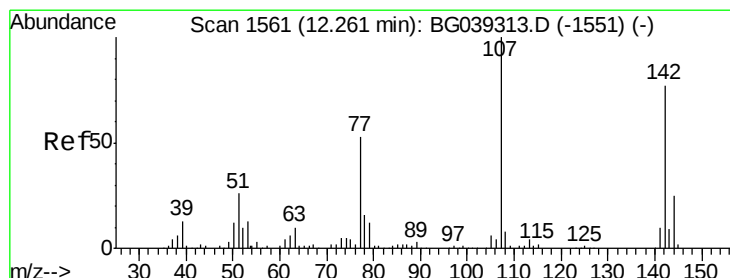
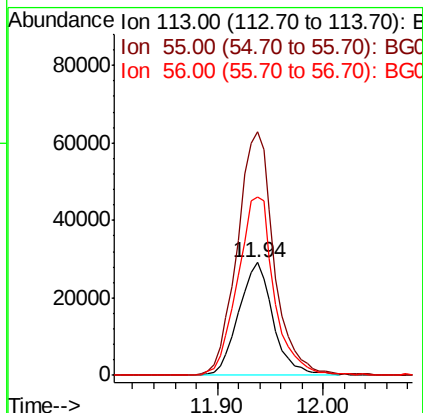
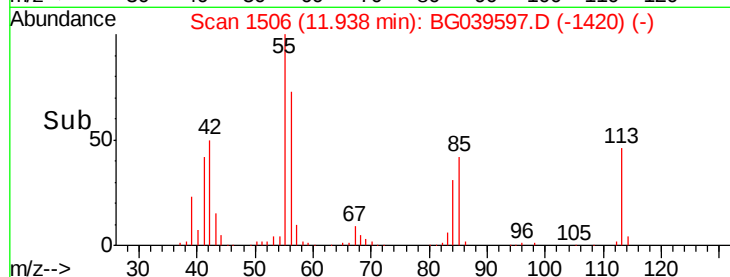
56 158.2 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 42.085 ng

RT: 12.25 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

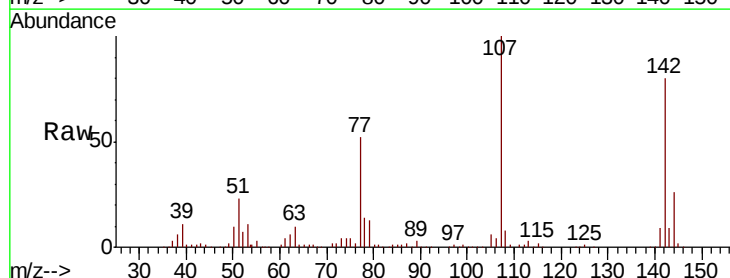
Tgt Ion:107 Resp: 173968

Ion Ratio Lower Upper

107 100

144 26.4 20.2 30.2

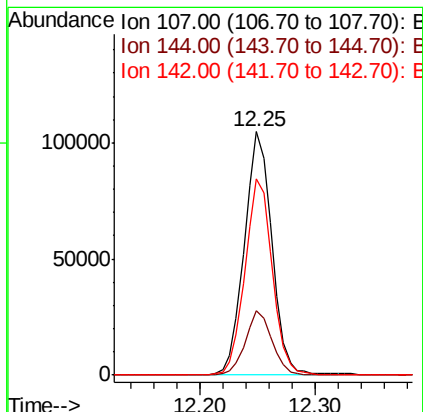
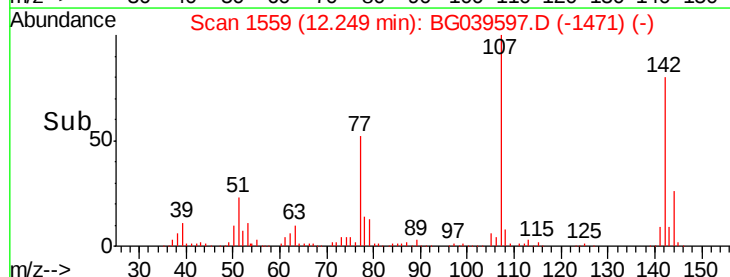
142 80.4 61.4 92.2

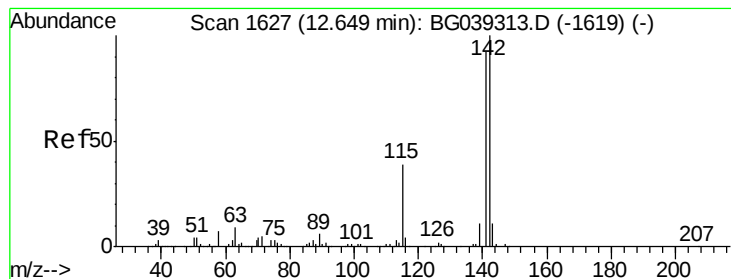


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.226 ng

RT: 12.63 min Scan# 1624

Delta R.T. -0.02 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

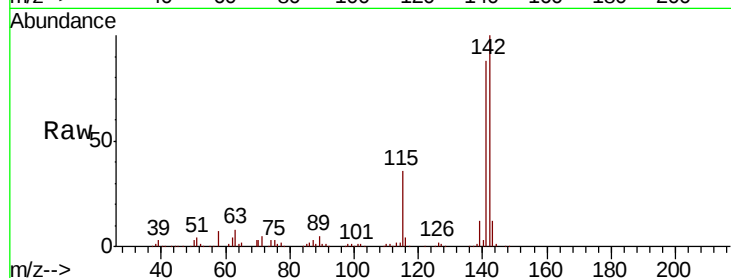
Tot Ion:142 Resp: 328487

Ion Ratio Lower Upper

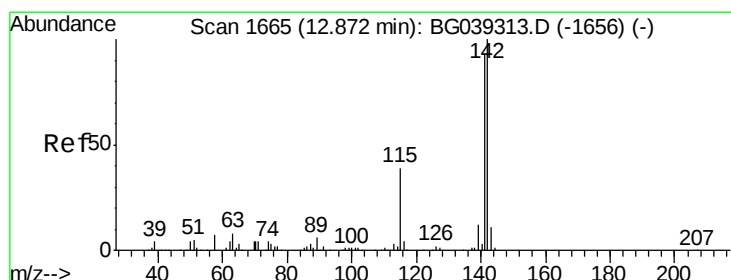
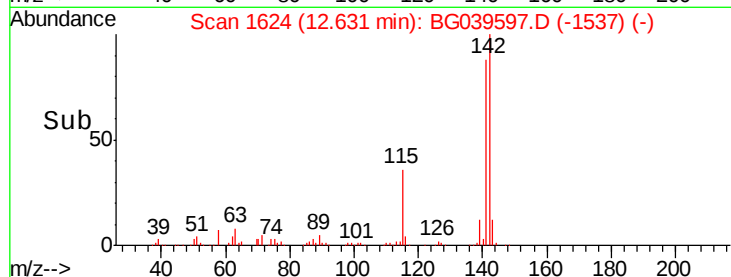
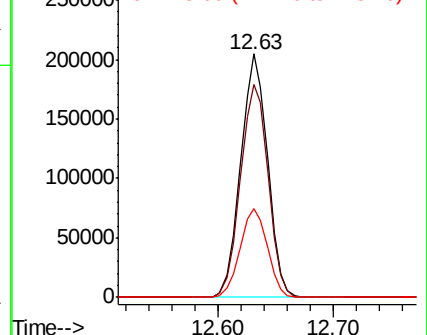
142 100

141 87.6 73.5 110.3

115 36.4 30.8 46.2



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



#38

1-Methylnaphthalene

Concen: 39.050 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.02 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

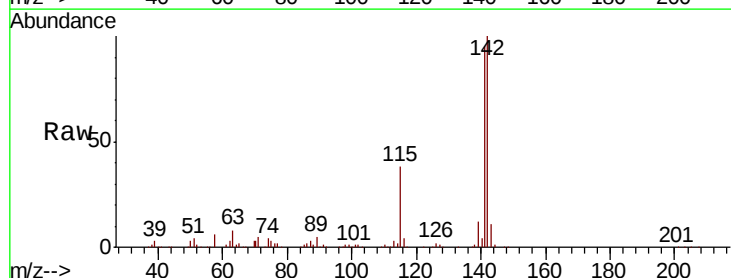
Tgt Ion:142 Resp: 315226

Ion Ratio Lower Upper

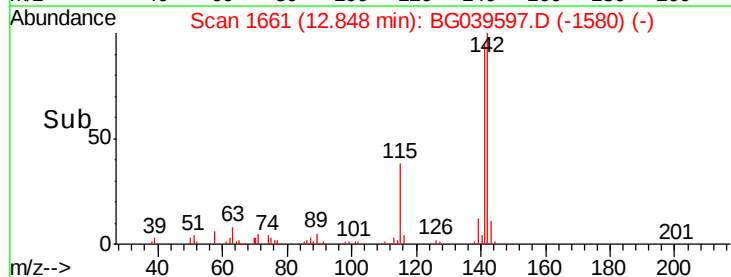
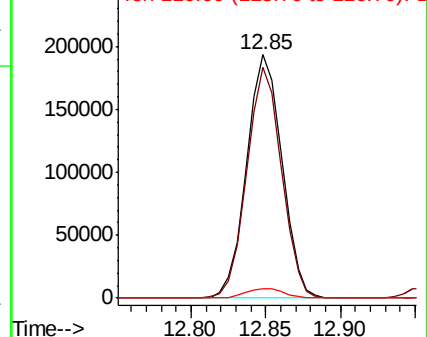
142 100

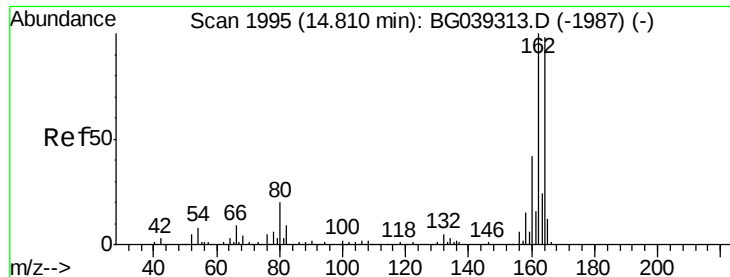
141 94.9 74.2 111.4

116 4.1 3.0 4.6



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

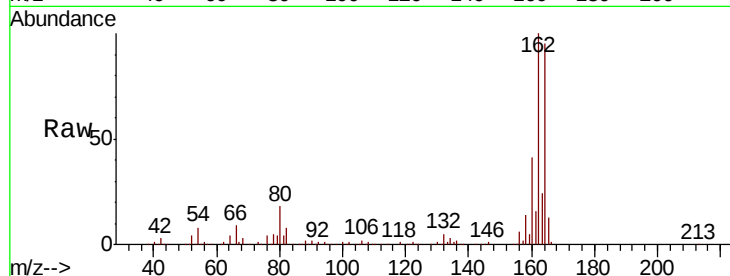
Tot Ion:164 Resp: 155824

Ion Ratio Lower Upper

164 100

162 105.4 81.6 122.4

160 42.9 34.2 51.2

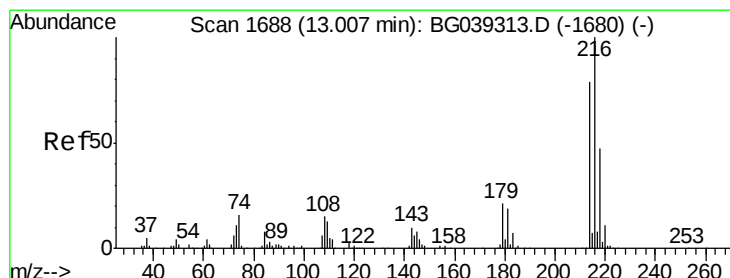
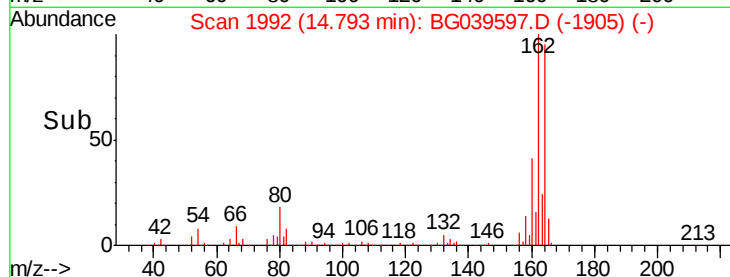
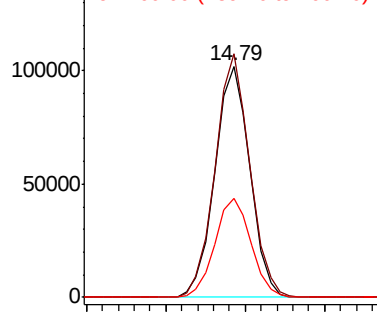


Abundance

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: 40.911 ng

RT: 12.99 min Scan# 1685

Delta R.T. -0.02 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

Tgt Ion:216 Resp: 202833

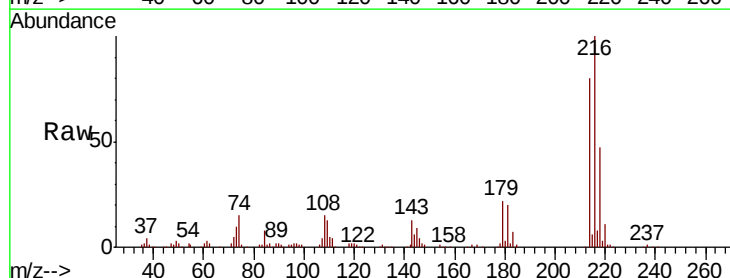
Ion Ratio Lower Upper

216 100

214 79.2 62.6 94.0

179 21.0 16.6 25.0

108 16.7 14.0 21.0



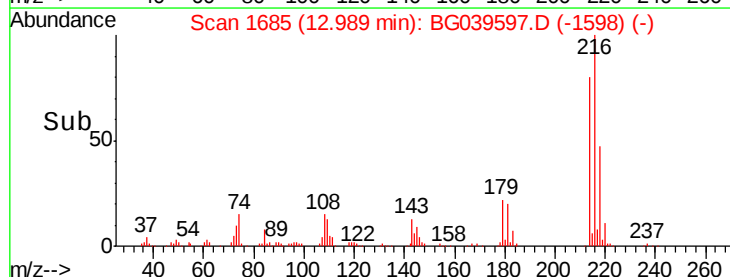
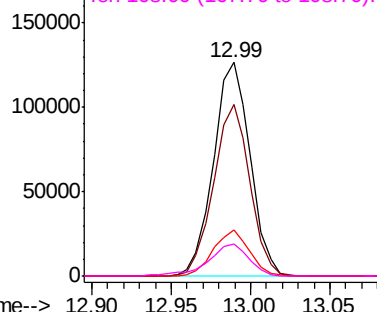
Abundance

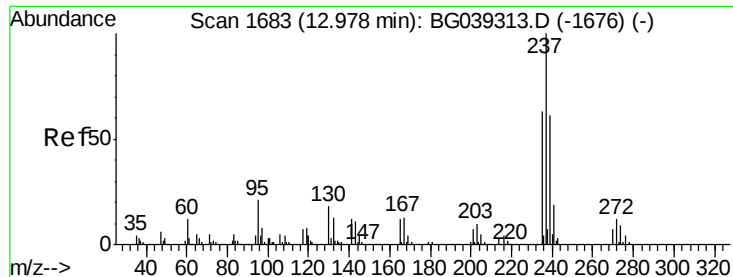
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 43.259 ng

RT: 12.95 min Scan# 1679

Delta R.T. -0.02 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

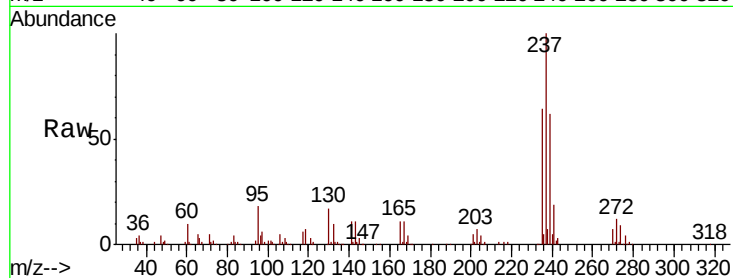
Tot Ion:237 Resp: 116869

Ion Ratio Lower Upper

237 100

235 64.3 43.3 83.3

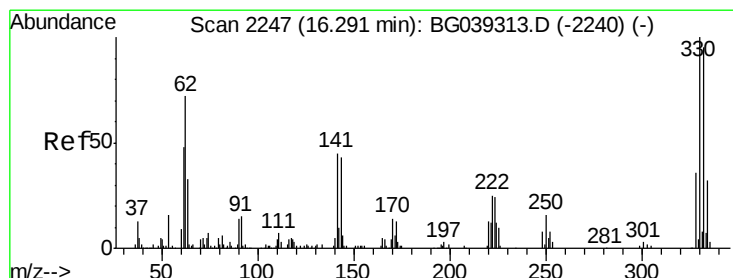
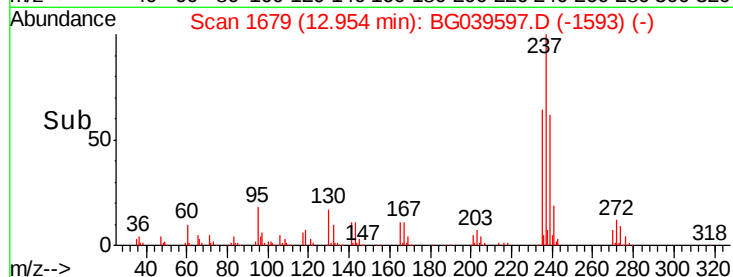
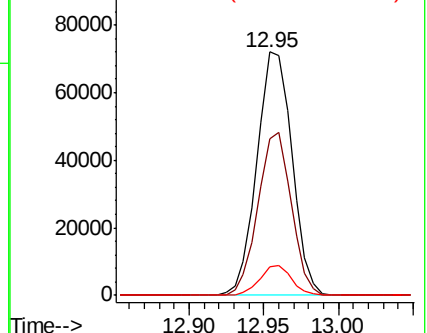
272 11.8 0.0 32.3



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: 92.169 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

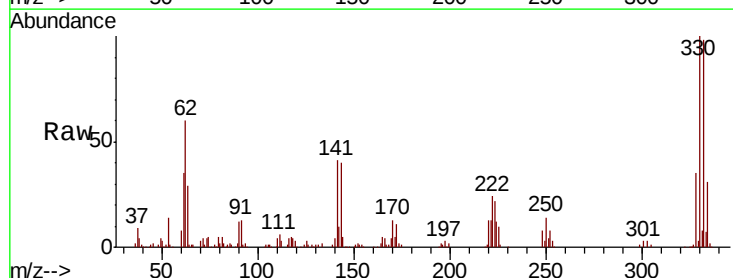
Tgt Ion:330 Resp: 154655

Ion Ratio Lower Upper

330 100

332 95.9 75.7 113.5

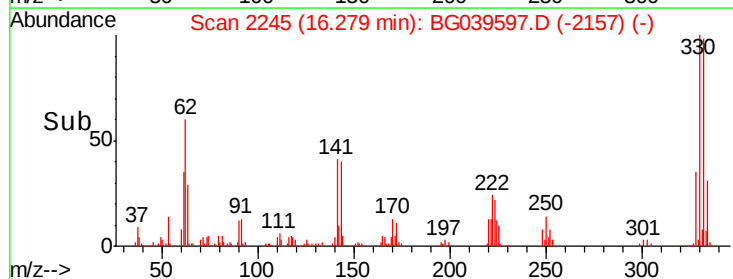
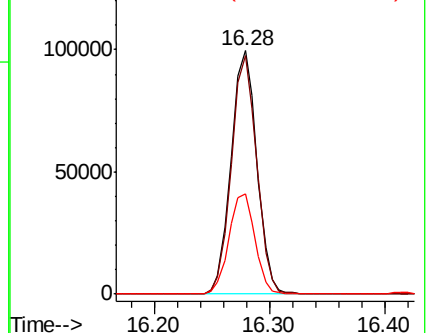
141 41.6 35.6 53.4



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

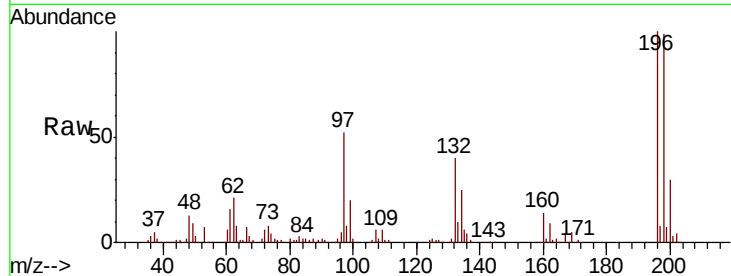




#43
 2,4,6-Trichlorophenol
 Concen: 44.044 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039597.D
 Acq: 26 Feb 2019 12:45

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.1	80.6	121.0
200	30.1	26.1	39.1

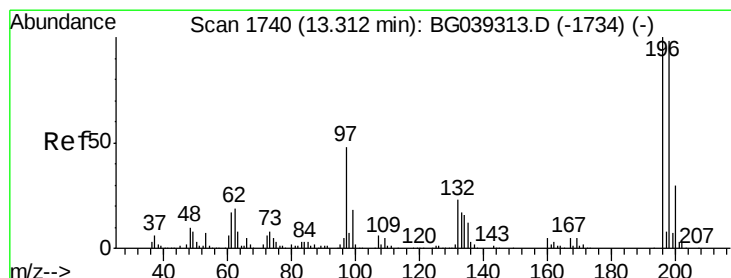
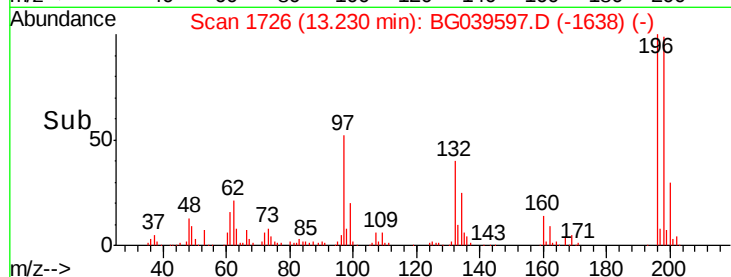
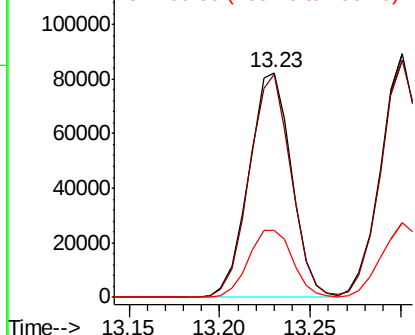


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 43.839 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG039597.D
 Acq: 26 Feb 2019 12:45

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.5	78.5	117.7
97	46.6	38.4	57.6
132	25.3	19.2	28.8

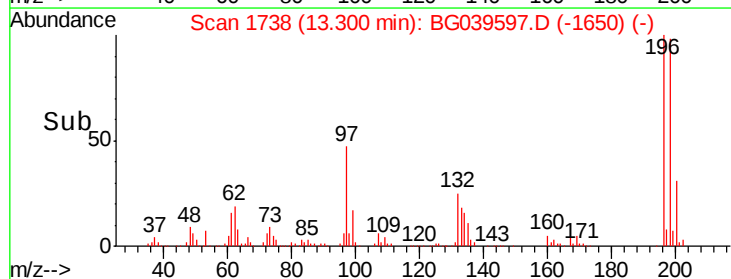
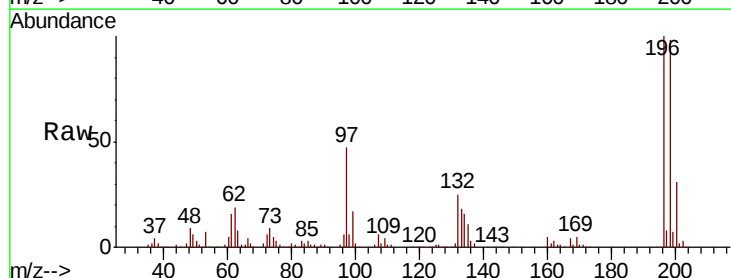
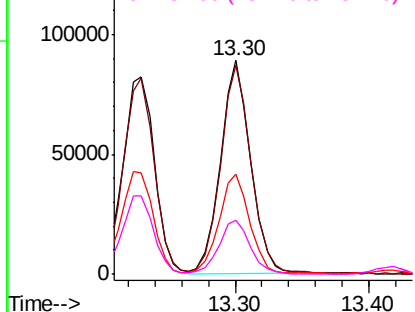
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

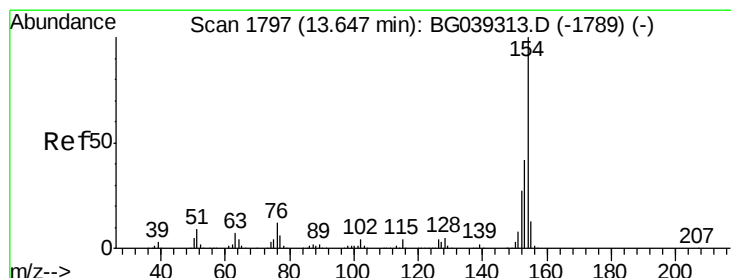
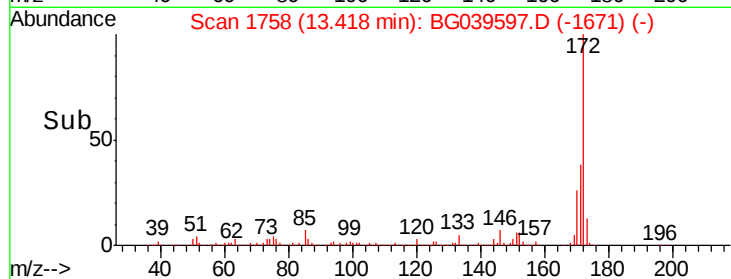
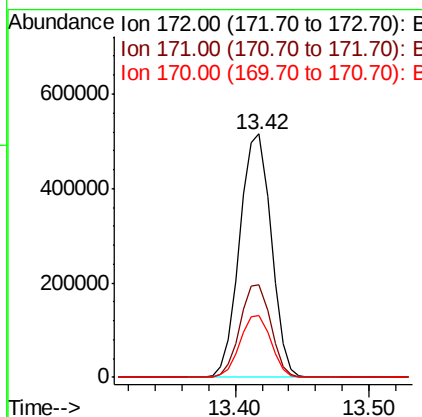
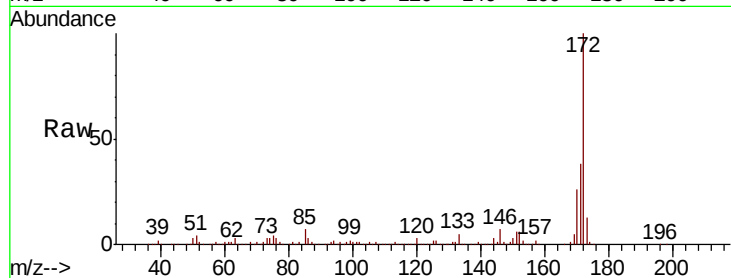




#45
 2-Fluorobiphenyl
 Concen: 77.449 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: BG039597.D
 Acq: 26 Feb 2019 12:45

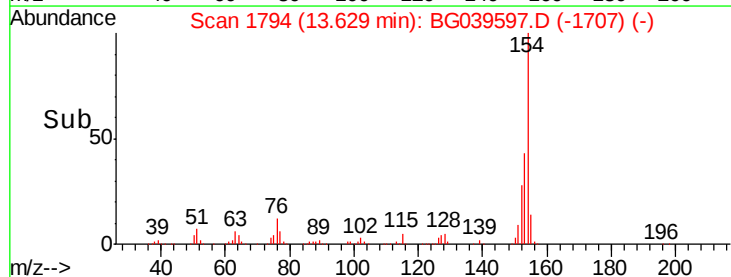
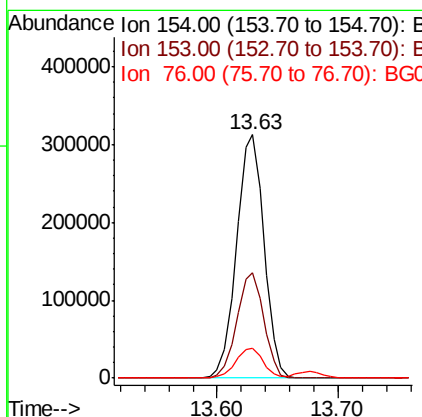
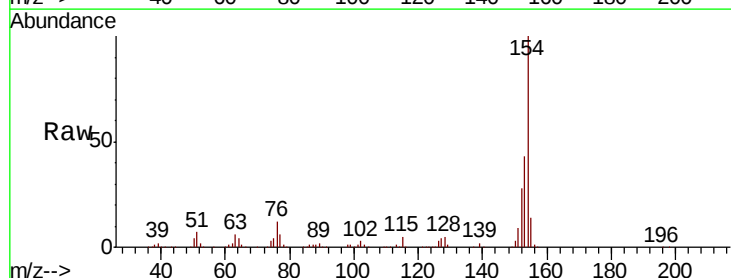
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

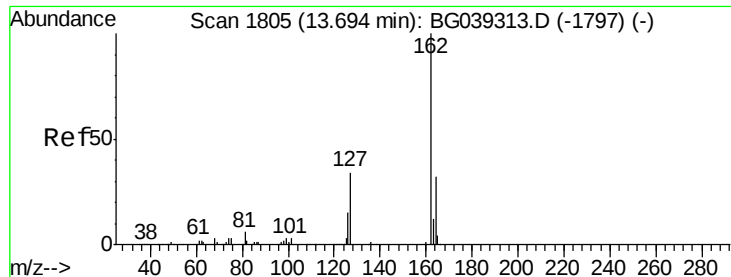
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.8	46.2
170	25.5	20.2	30.4



#46
 1,1'-Biphenyl
 Concen: 38.163 ng
 RT: 13.63 min Scan# 1794
 Delta R.T. -0.02 min
 Lab File: BG039597.D
 Acq: 26 Feb 2019 12:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.4	22.1	62.1
76	12.1	0.0	32.4

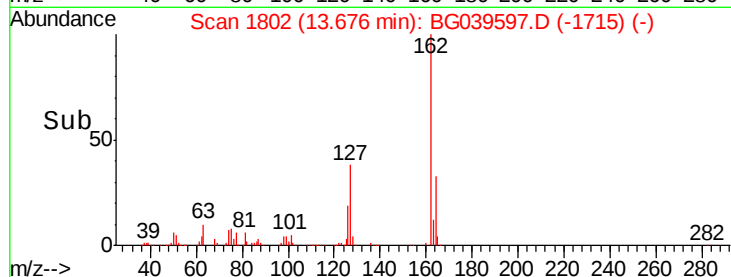
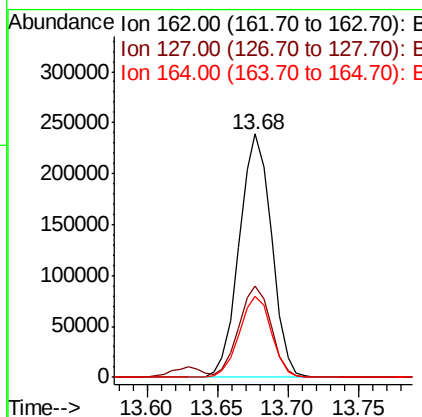
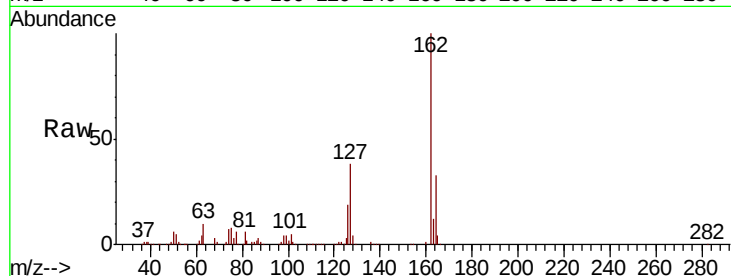




#47
2-Chloronaphthalene
Concen: 39.248 ng
RT: 13.68 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BG039597.D
Acq: 26 Feb 2019 12:45

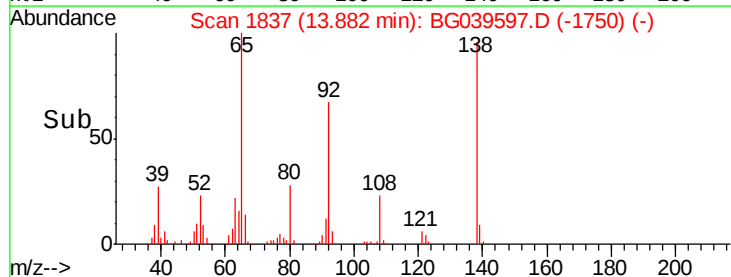
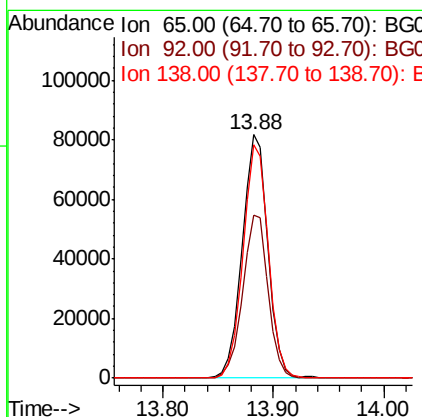
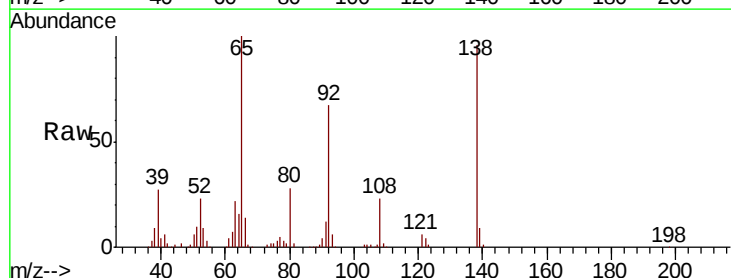
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.7	31.0	46.6
164	33.1	25.7	38.5



#48
2-Nitroaniline
Concen: 47.642 ng
RT: 13.88 min Scan# 1837
Delta R.T. -0.02 min
Lab File: BG039597.D
Acq: 26 Feb 2019 12:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.2	51.4	77.2
138	95.8	71.4	107.2





#49

Acenaphthylene

Concen: 39.336 ng

RT: 14.52 min Scan# 1945

Delta R.T. -0.02 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

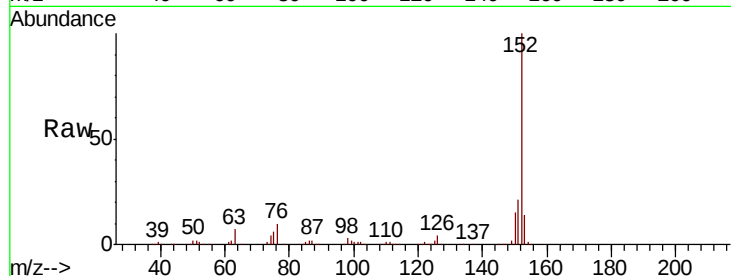
Tot Ion:152 Resp: 578899

Ion Ratio Lower Upper

152 100

151 21.4 16.8 25.2

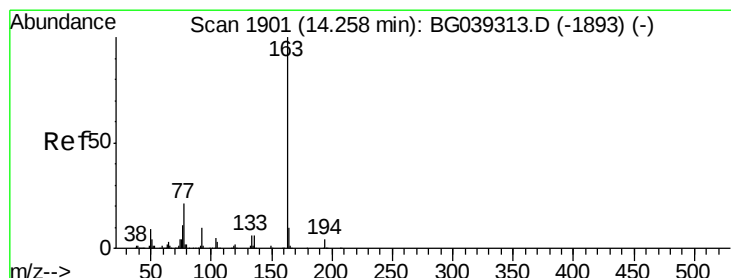
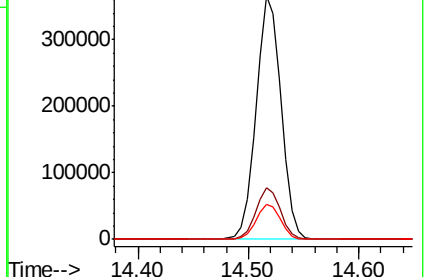
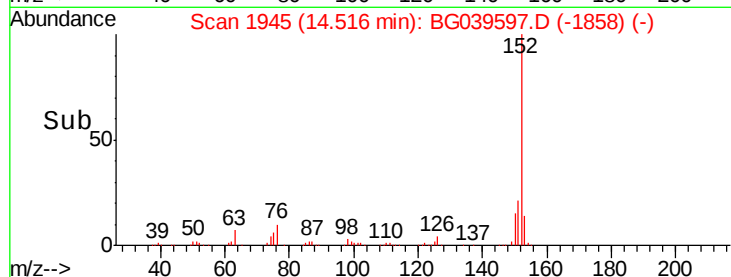
153 14.3 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.182 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.02 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

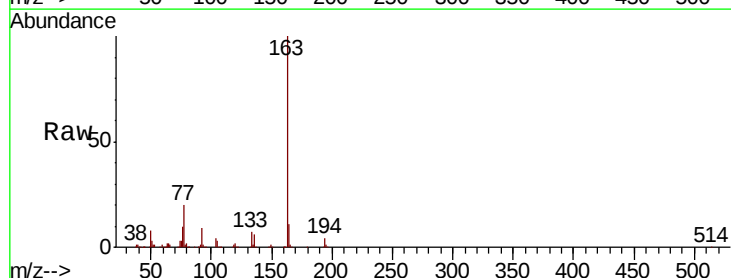
Tgt Ion:163 Resp: 505694

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

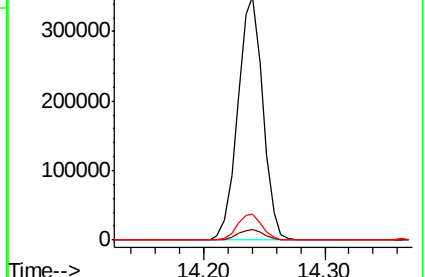
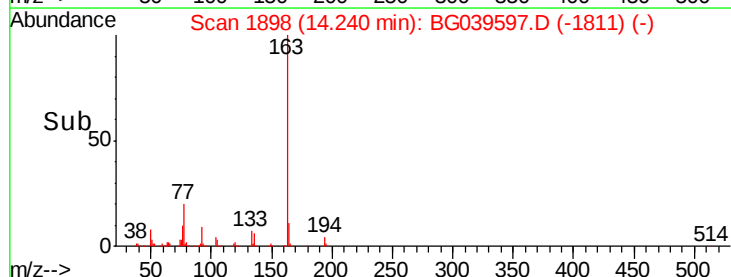
164 10.6 8.4 12.6



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: 48.382 ng

RT: 14.37 min Scan# 1920

Delta R.T. -0.02 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

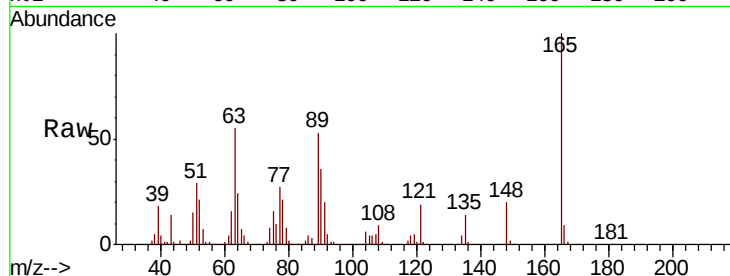
Tot Ion:165 Resp: 113939

Ion Ratio Lower Upper

165 100

63 54.9 47.0 70.6

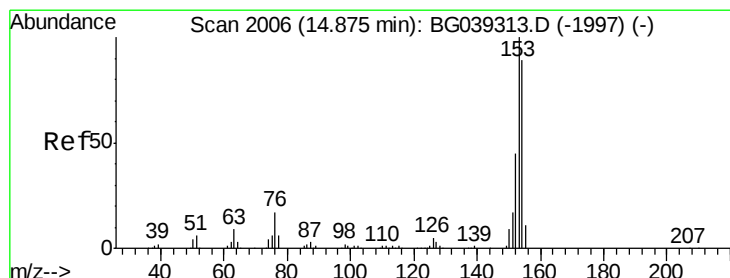
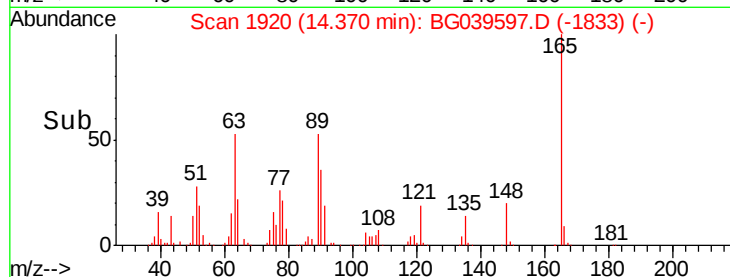
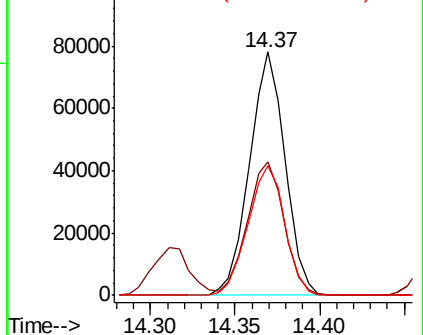
89 53.2 45.8 68.8



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: 38.509 ng

RT: 14.86 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

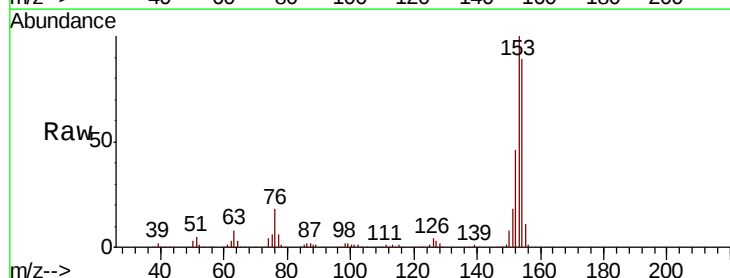
Tgt Ion:154 Resp: 367878

Ion Ratio Lower Upper

154 100

153 112.3 90.1 135.1

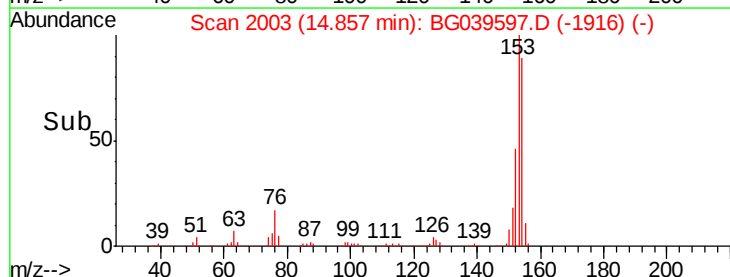
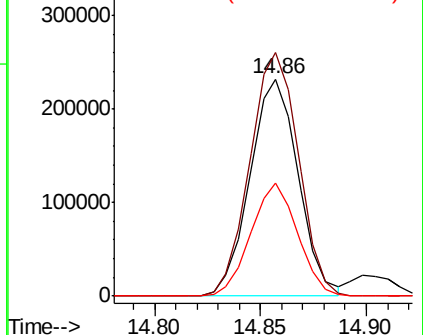
152 52.0 40.9 61.3

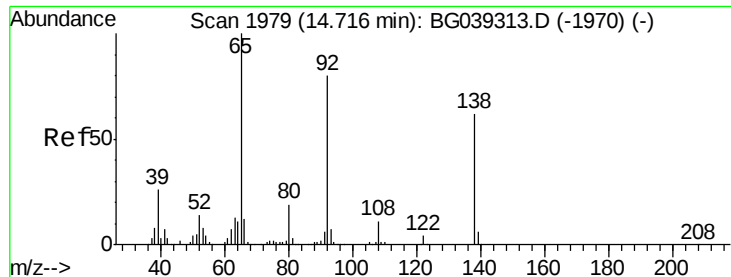


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 47.759 ng

RT: 14.70 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

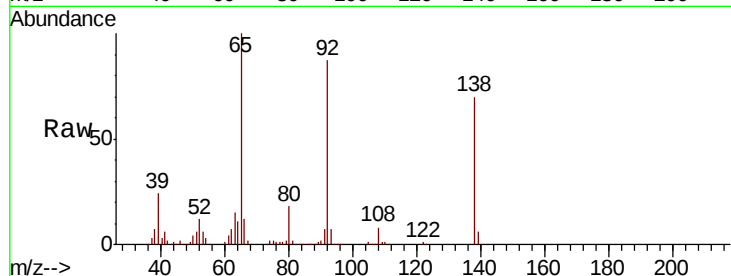
Tot Ion:138 Resp: 121124

Ion Ratio Lower Upper

138 100

108 11.0 13.8 20.8#

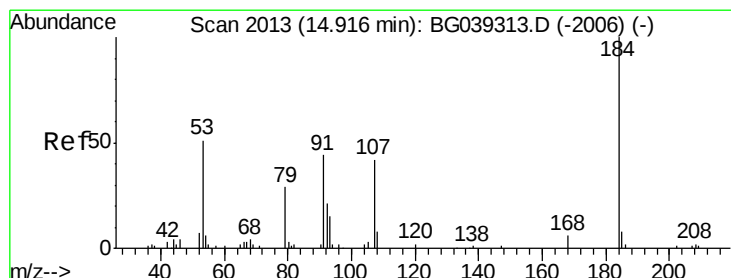
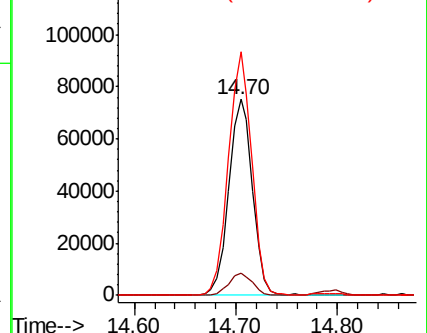
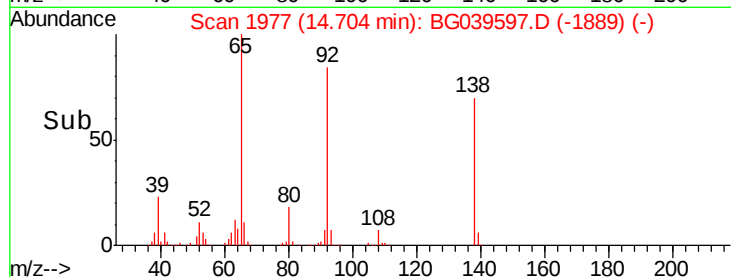
92 124.3 103.7 155.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 62.804 ng

RT: 14.90 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

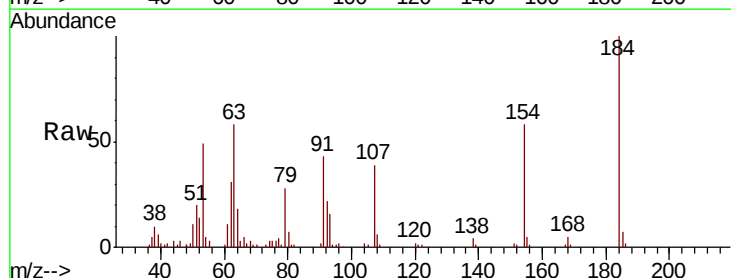
Tgt Ion:184 Resp: 58393

Ion Ratio Lower Upper

184 100

63 57.6 50.9 76.3

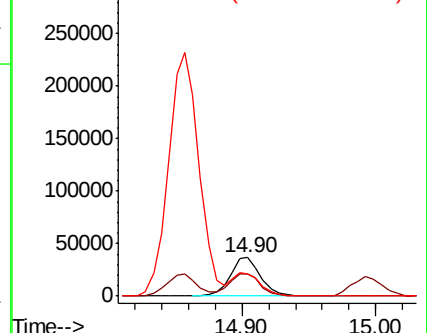
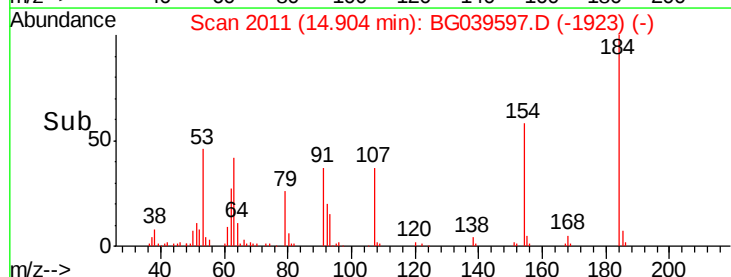
154 58.5 53.0 79.6

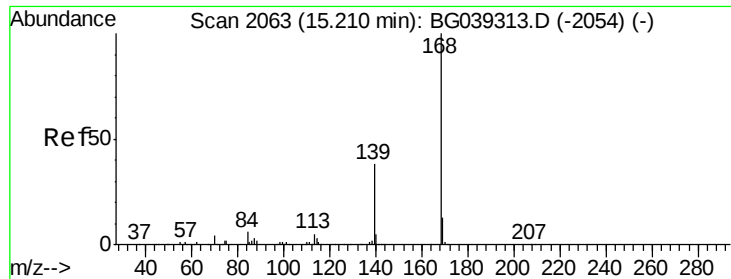


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 39.396 ng

RT: 15.19 min Scan# 2059

Delta R.T. -0.02 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

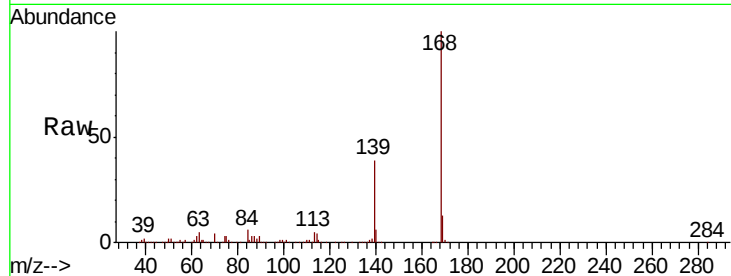
Tot Ion:168 Resp: 603420

Ion Ratio Lower Upper

168 100

139 38.8 30.1 45.1

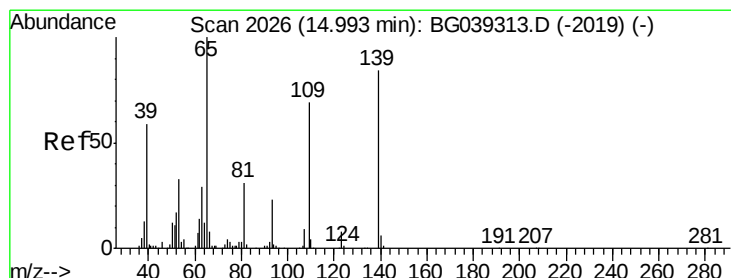
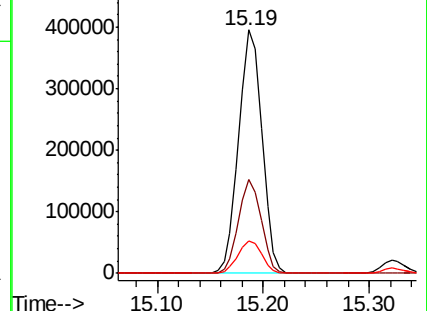
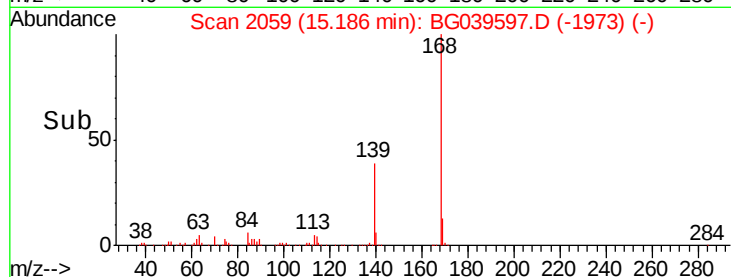
169 13.4 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 46.845 ng

RT: 14.99 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

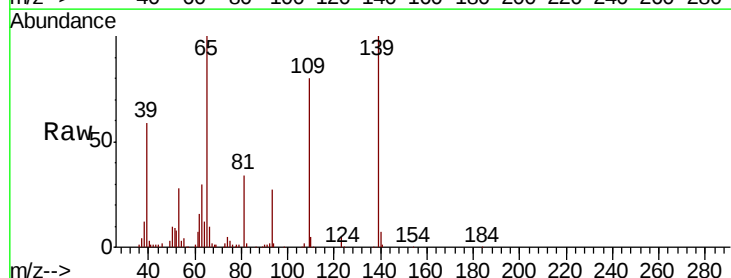
Tgt Ion:139 Resp: 100705

Ion Ratio Lower Upper

139 100

109 79.7 61.9 101.9

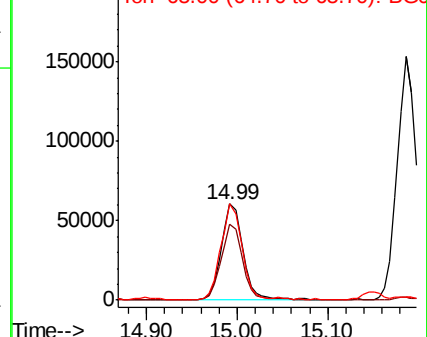
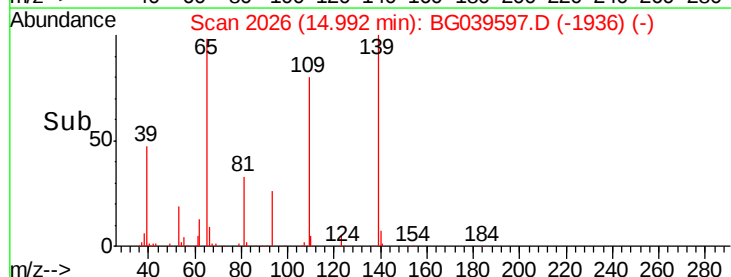
65 99.8 99.1 139.1



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

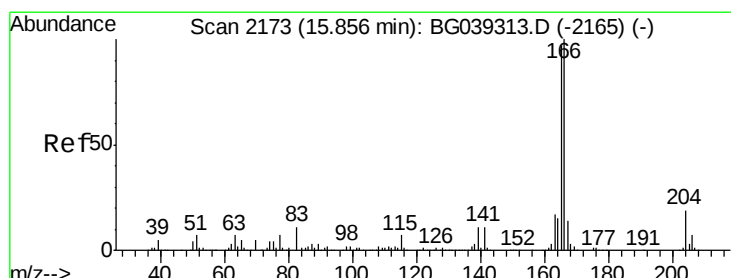
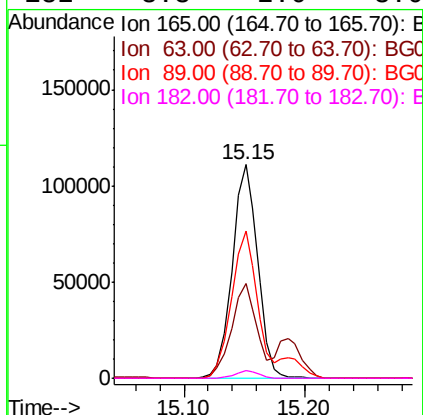
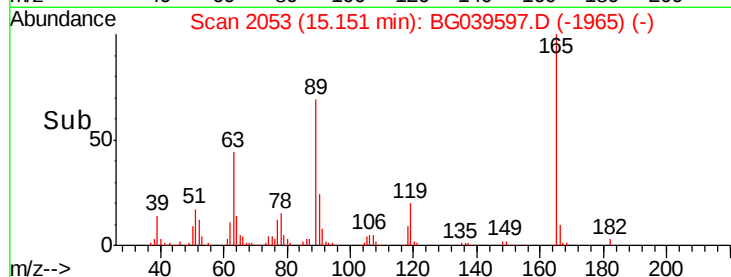
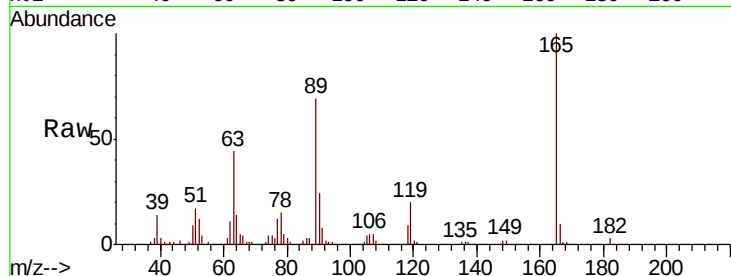




#57
 2,4-Dinitrotoluene
 Concen: 52.824 ng
 RT: 15.15 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BG039597.D
 Acq: 26 Feb 2019 12:45

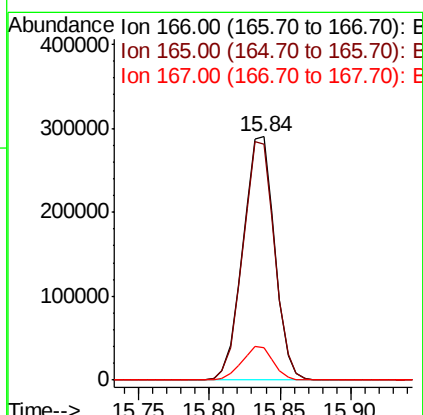
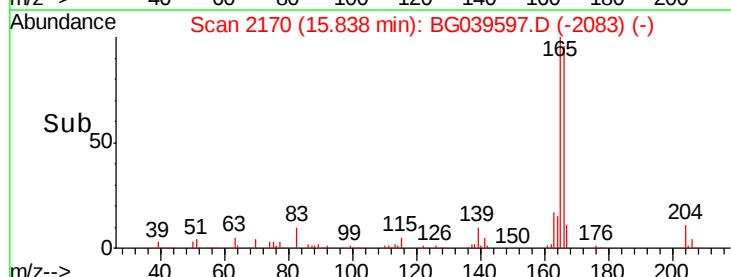
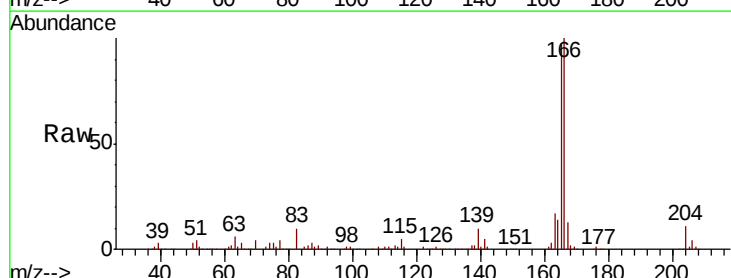
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.3	41.0	61.6
89	68.8	64.6	96.8
182	3.3	2.0	3.0



#58
 Fluorene
 Concen: 39.837 ng
 RT: 15.84 min Scan# 2170
 Delta R.T. -0.02 min
 Lab File: BG039597.D
 Acq: 26 Feb 2019 12:45

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.9	116.9
167	13.4	10.8	16.2

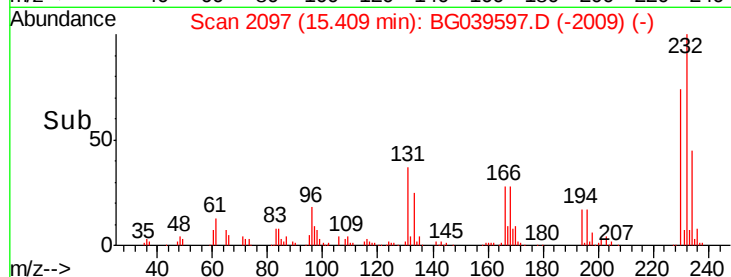
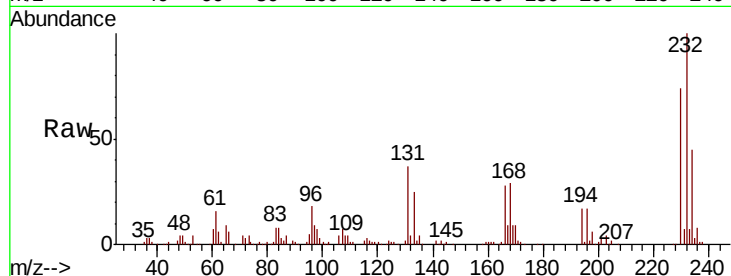




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.557 ng
RT: 15.41 min Scan# 2097
Delta R.T. -0.01 min
Lab File: BG039597.D
Acq: 26 Feb 2019 12:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.5	34.9	52.3
130	2.4	2.0	3.0
166	29.7	24.1	36.1



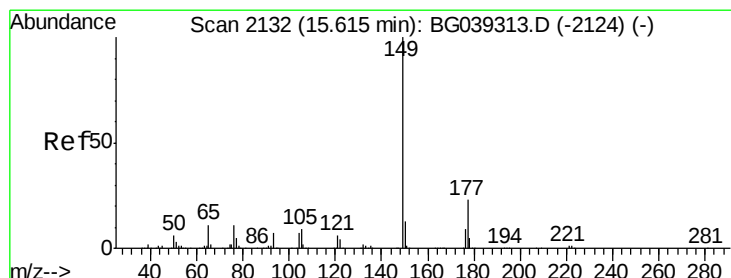
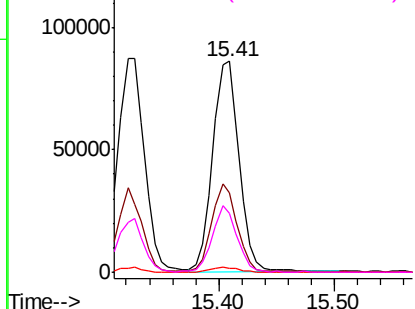
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

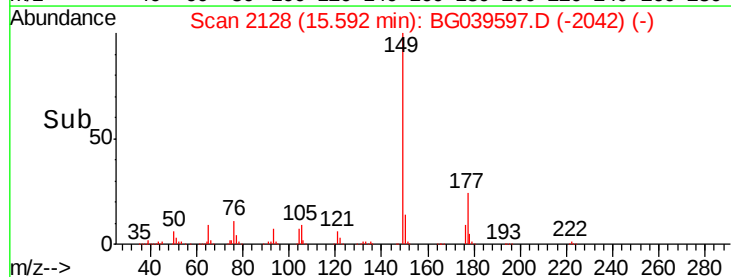
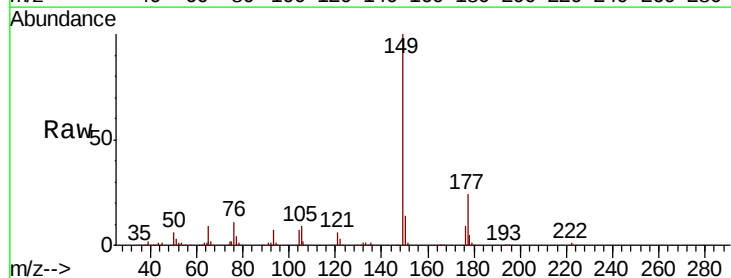
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.883 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.02 min
Lab File: BG039597.D
Acq: 26 Feb 2019 12:45

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.2	18.3	27.5
150	13.6	10.2	15.2

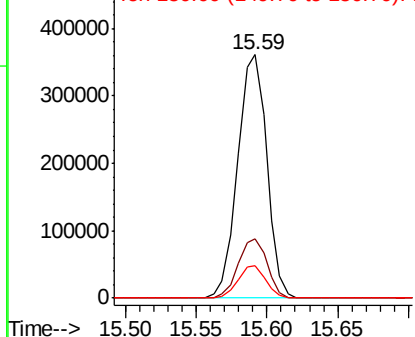


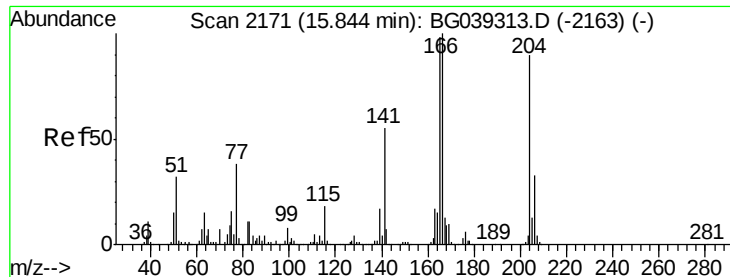
Abundance

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

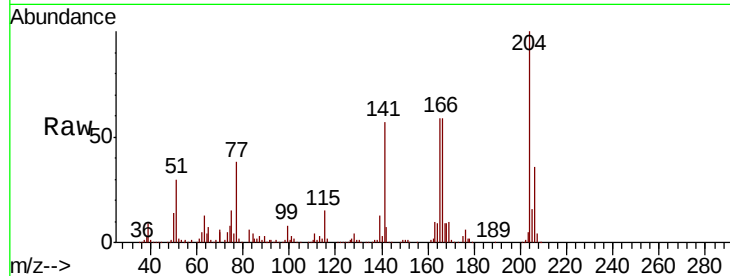




#61
4-Chlorophenyl-phenylether
Concen: 40.659 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BG039597.D
Acq: 26 Feb 2019 12:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.7	29.2	43.8
141	57.1	49.0	73.4

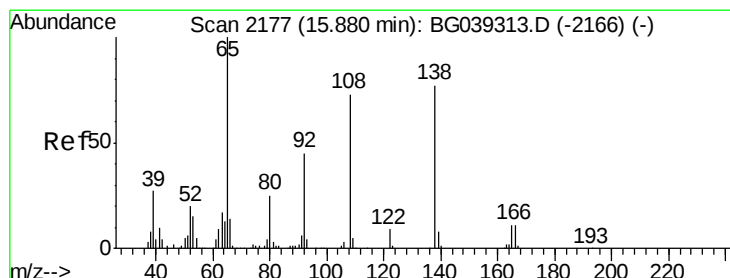
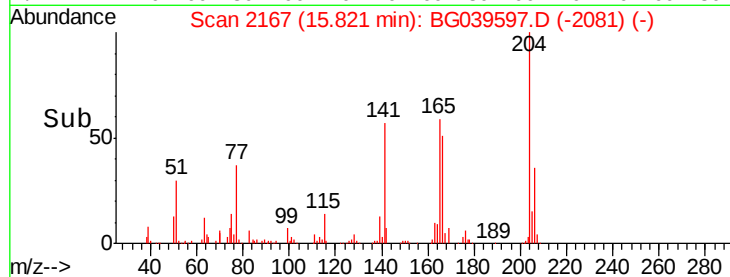
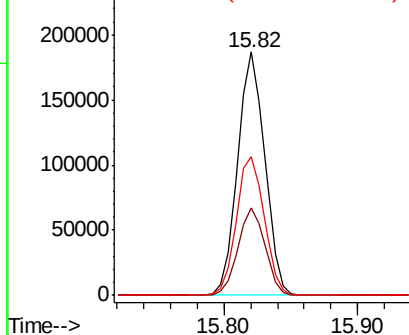


Abundance

Ion 204.00 (203.70 to 204.70): E

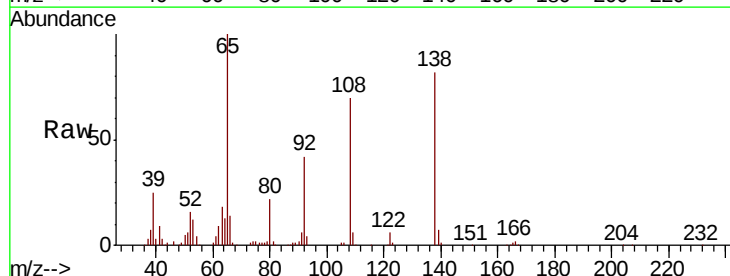
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 48.169 ng
RT: 15.87 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BG039597.D
Acq: 26 Feb 2019 12:45

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.6	38.7	78.7
108	85.1	74.6	114.6

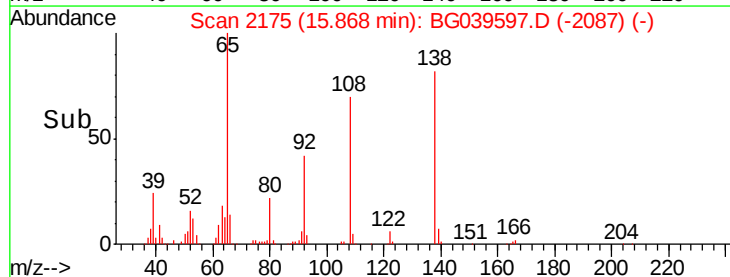
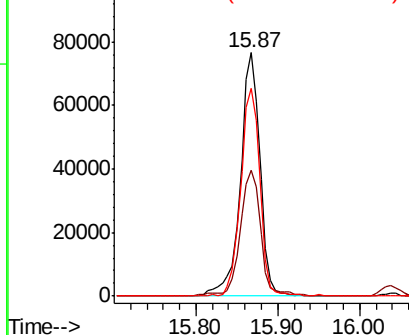


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 36.708 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.02 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 466854

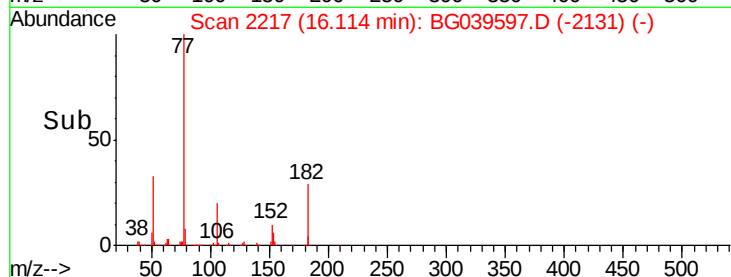
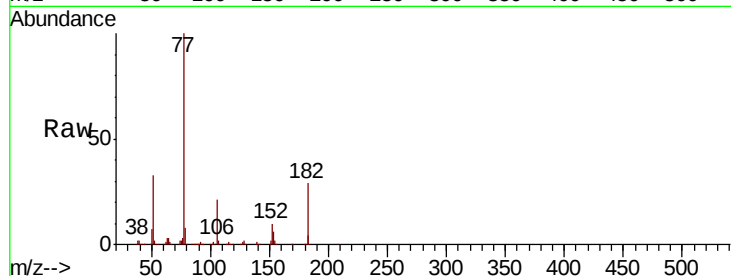
Ion Ratio Lower Upper

77 100

182 29.0 6.4 46.4

105 20.5 0.0 39.8

51 32.7 14.1 54.1

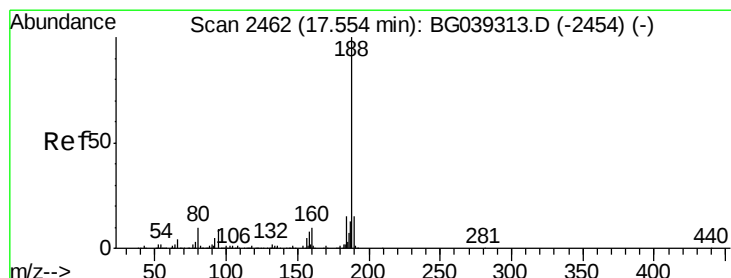
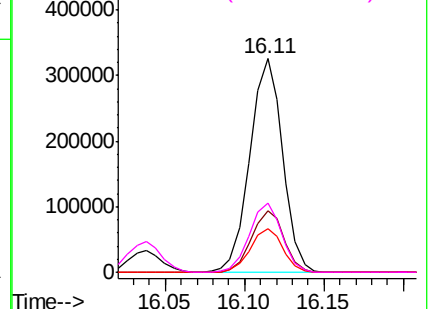


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2459

Delta R.T. -0.02 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

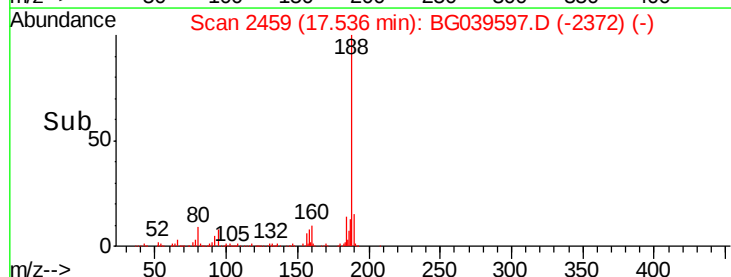
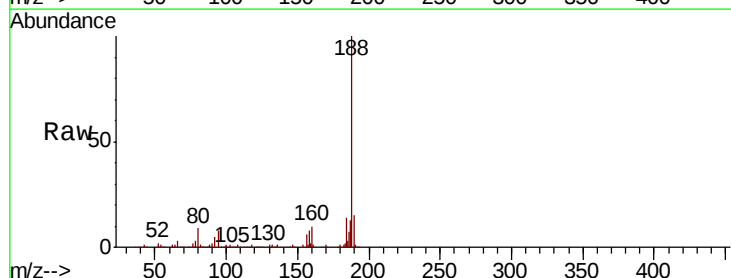
Tgt Ion: 188 Resp: 384579

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

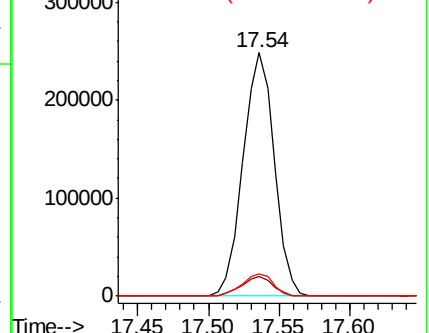
80 9.2 8.1 12.1

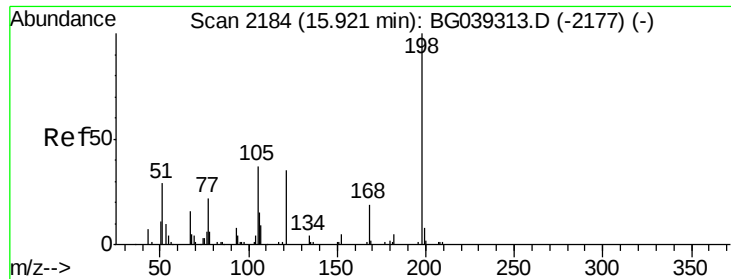


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 60.275 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

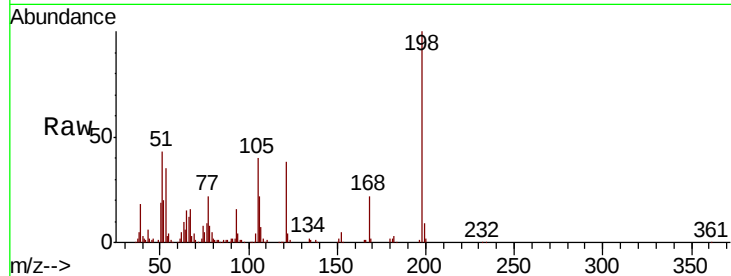
Tot Ion:198 Resp: 100579

Ion Ratio Lower Upper

198 100

51 43.0 27.4 67.4

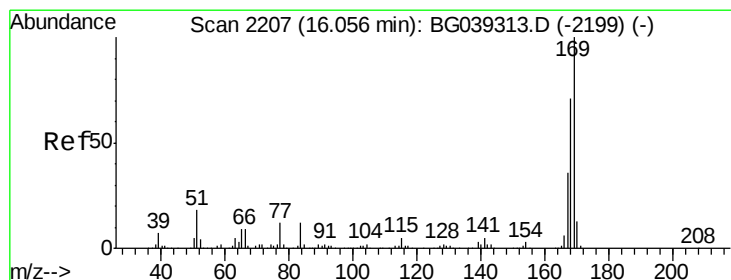
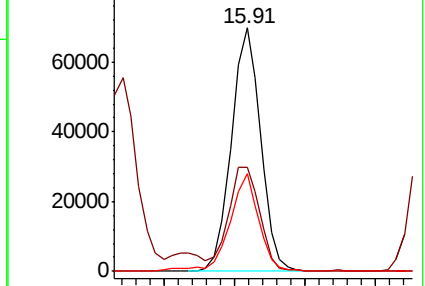
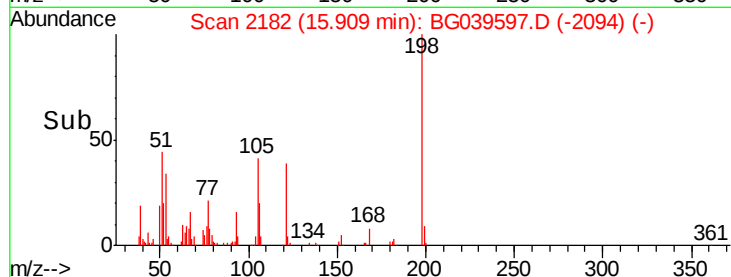
105 40.0 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

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

Ion 105.00 (104.70 to 105.70): BG039313.D (-2177) (-)



#66

n-Nitrosodiphenylamine

Concen: 38.727 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

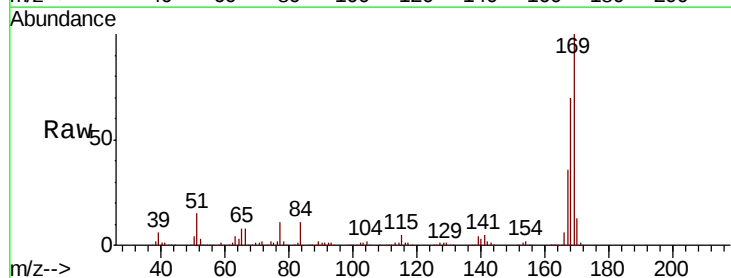
Tgt Ion:169 Resp: 452859

Ion Ratio Lower Upper

169 100

168 69.7 56.6 85.0

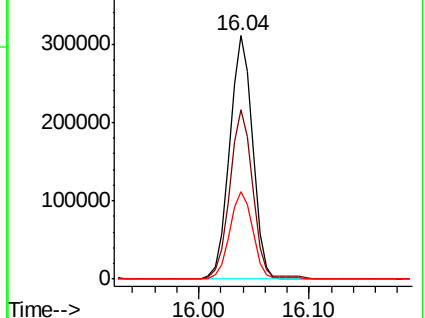
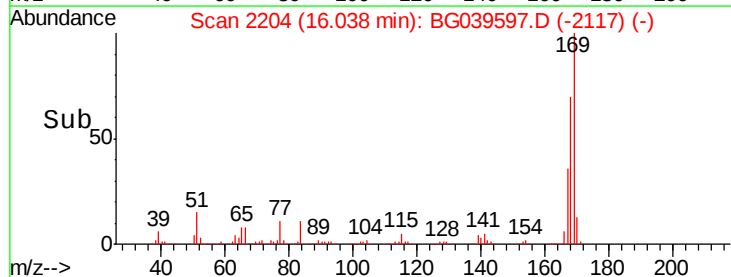
167 36.0 28.8 43.2

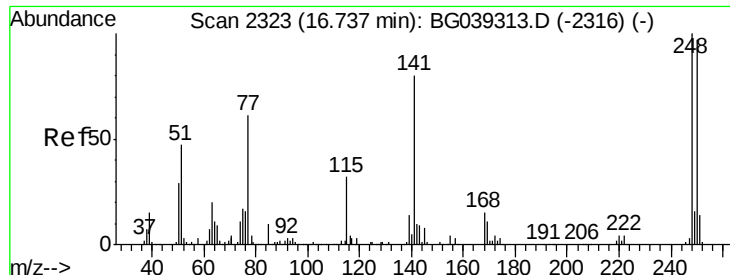


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): BG039313.D (-2199) (-)

Ion 167.00 (166.70 to 167.70): BG039313.D (-2199) (-)

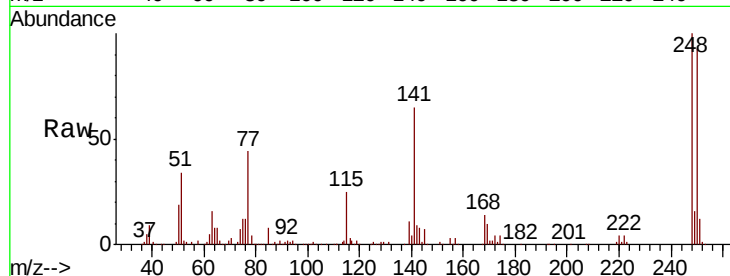




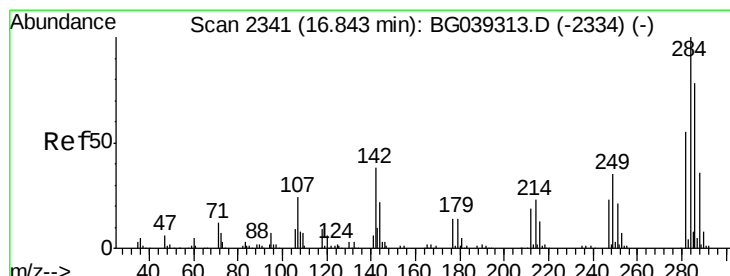
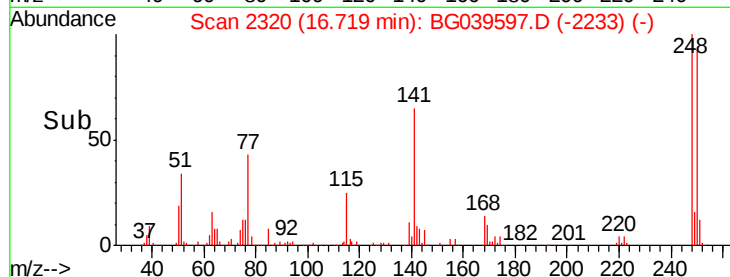
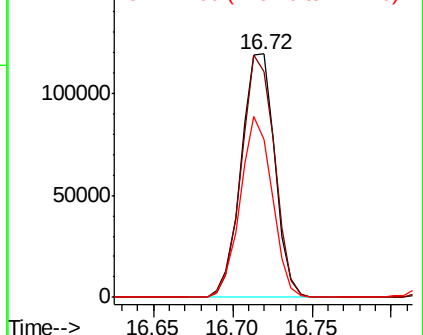
#67
4-Bromophenyl-phenylether
Concen: 41.200 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BG039597.D
Acq: 26 Feb 2019 12:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 175778
Ion Ratio Lower Upper
248 100
250 92.6 77.6 116.4
141 64.7 63.9 95.9

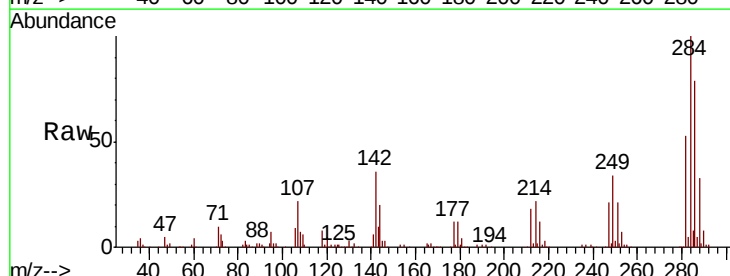


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

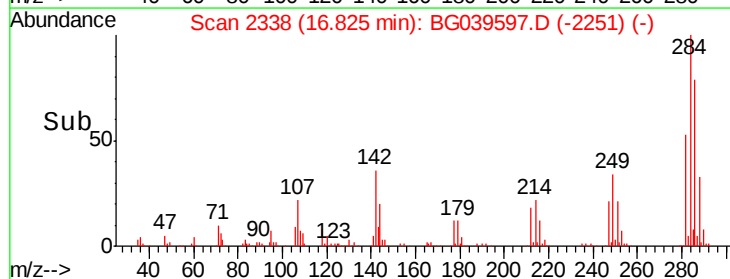
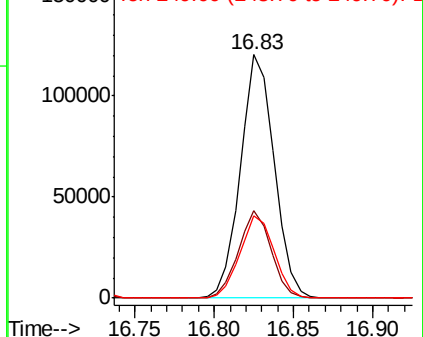


#68
Hexachlorobenzene
Concen: 41.530 ng
RT: 16.83 min Scan# 2338
Delta R.T. -0.02 min
Lab File: BG039597.D
Acq: 26 Feb 2019 12:45

Tgt Ion:284 Resp: 177771
Ion Ratio Lower Upper
284 100
142 35.8 30.6 45.8
249 34.1 28.2 42.2



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





#69

Atrazine

Concen: 34.719 ng

RT: 16.98 min Scan# 2364

Delta R.T. -0.02 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

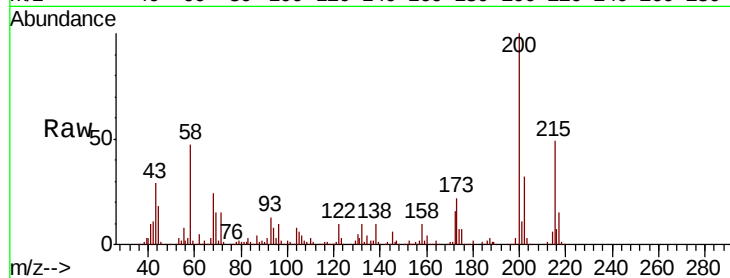
Tot Ion:200 Resp: 148367

Ion Ratio Lower Upper

200 100

173 22.4 3.9 43.9

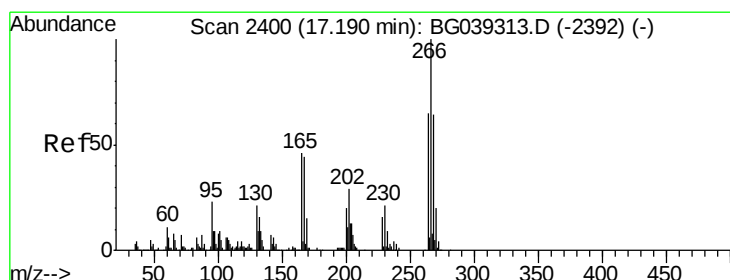
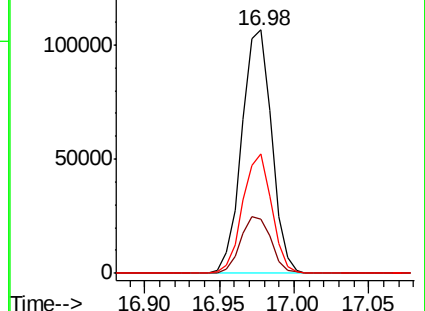
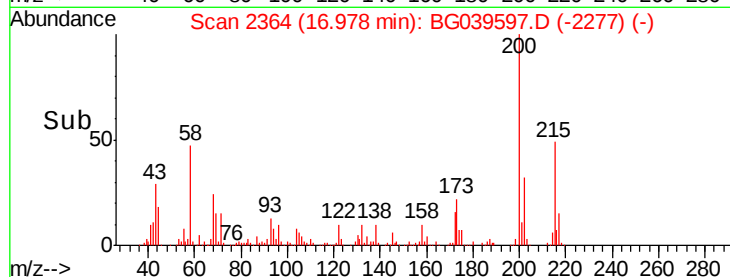
215 49.1 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 42.025 ng

RT: 17.17 min Scan# 2397

Delta R.T. -0.02 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

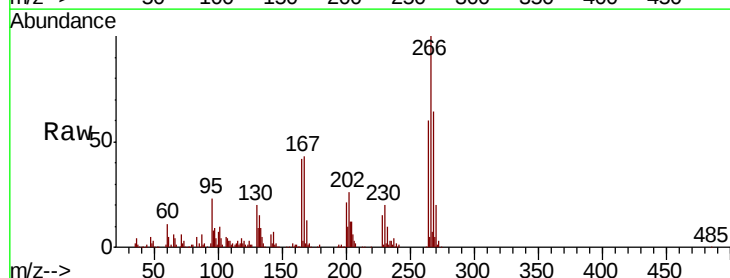
Tgt Ion:266 Resp: 125028

Ion Ratio Lower Upper

266 100

268 63.7 51.1 76.7

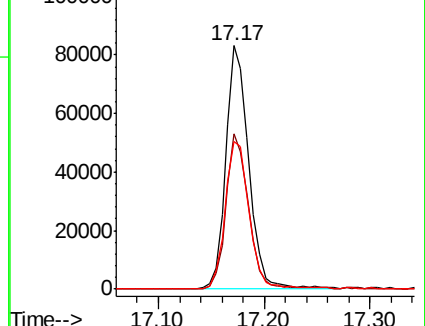
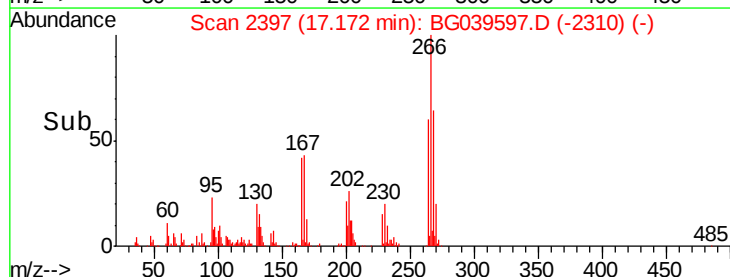
264 60.5 52.1 78.1



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

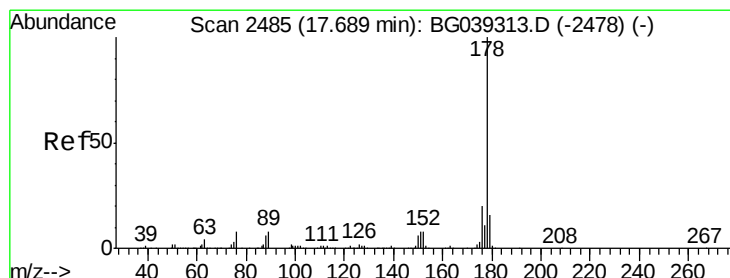
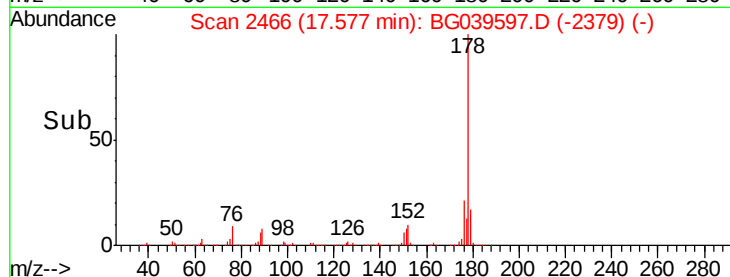
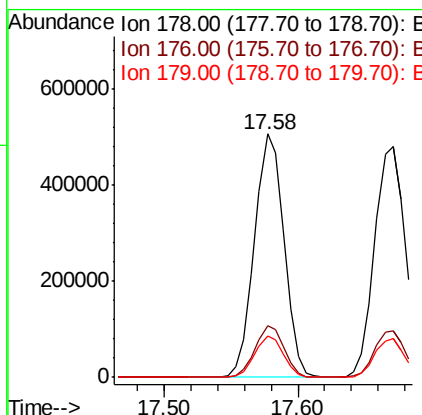
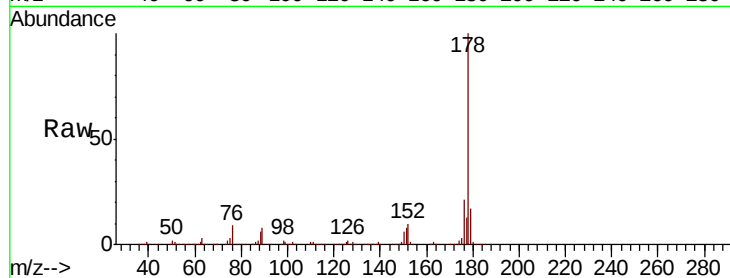




#71
Phenanthrene
Concen: 38.724 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.02 min
Lab File: BG039597.D
Acq: 26 Feb 2019 12:45

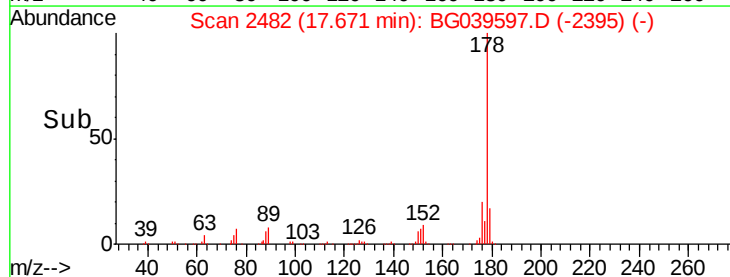
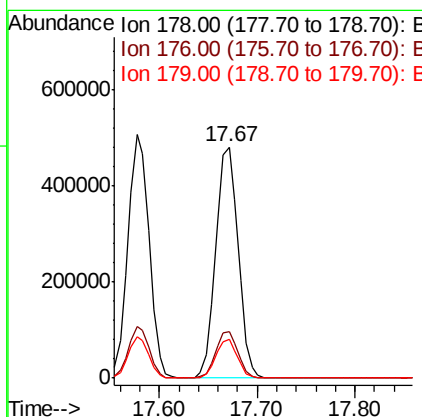
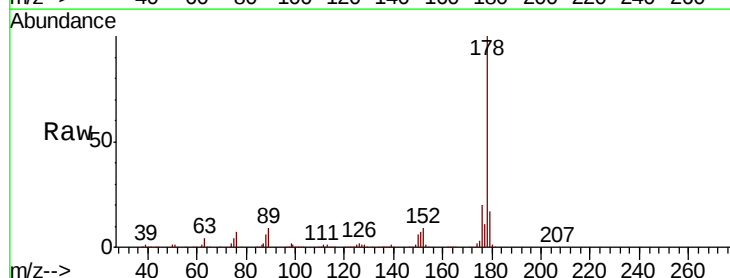
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 770788
Ion Ratio Lower Upper
178 100
176 21.4 16.2 24.4
179 17.1 12.6 19.0



#72
Anthracene
Concen: 39.127 ng
RT: 17.67 min Scan# 2482
Delta R.T. -0.02 min
Lab File: BG039597.D
Acq: 26 Feb 2019 12:45

Tgt Ion:178 Resp: 767130
Ion Ratio Lower Upper
178 100
176 20.3 15.8 23.6
179 16.6 12.5 18.7

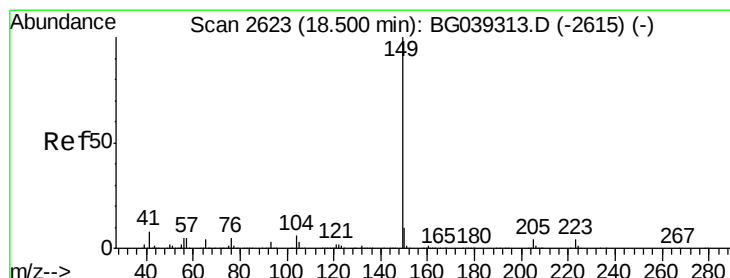
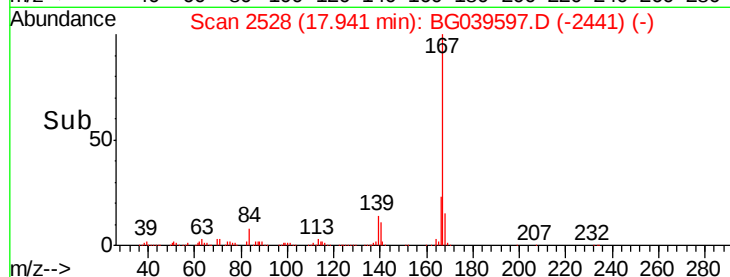
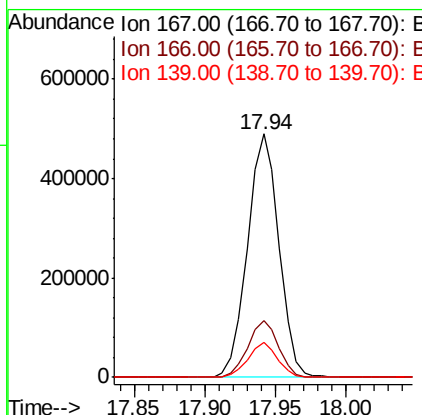
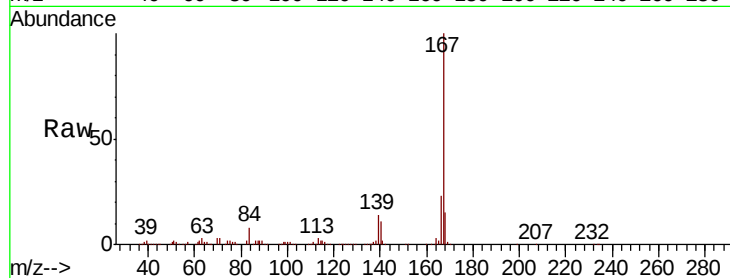




#73
 Carbazole
 Concen: 39.004 ng
 RT: 17.94 min Scan# 2528
 Delta R.T. -0.02 min
 Lab File: BG039597.D
 Acq: 26 Feb 2019 12:45

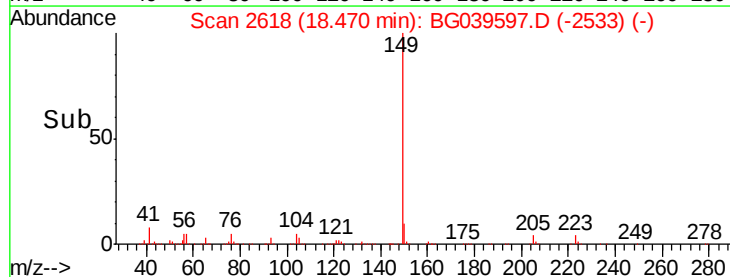
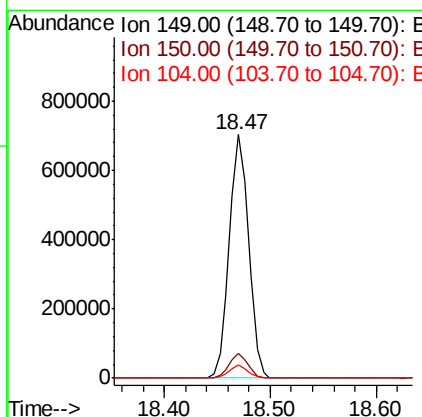
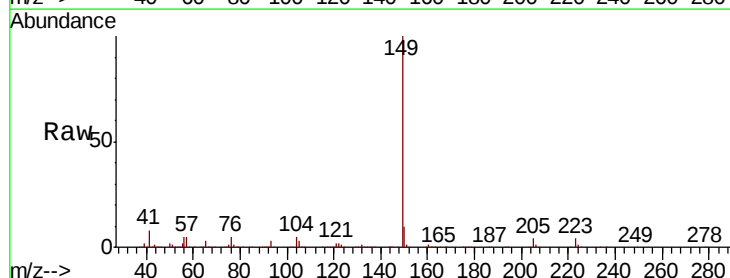
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

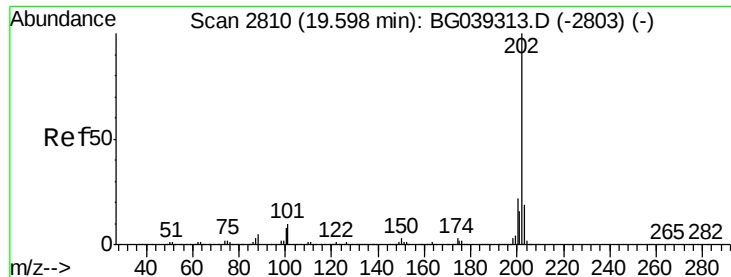
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.4	19.4	29.2
139	14.1	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 38.806 ng
 RT: 18.47 min Scan# 2618
 Delta R.T. -0.03 min
 Lab File: BG039597.D
 Acq: 26 Feb 2019 12:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.7	11.5
104	5.3	4.5	6.7





#75

Fluoranthene

Concen: 39.749 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

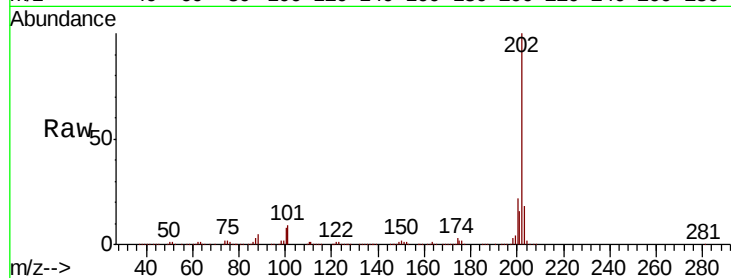
Instrument :

BNA_G

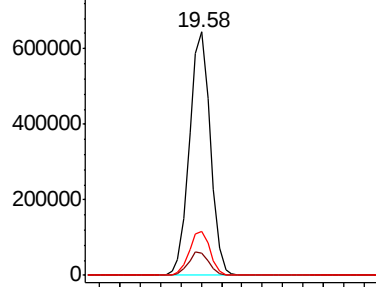
ClientSampleId :

SSTDCCC040

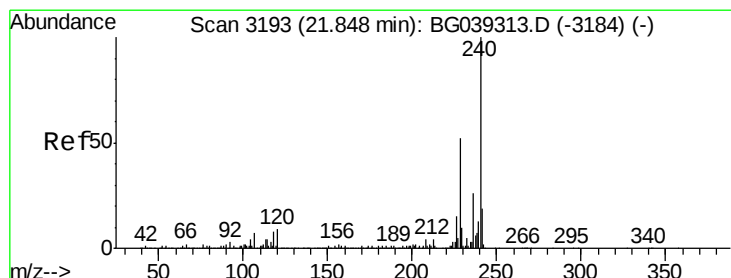
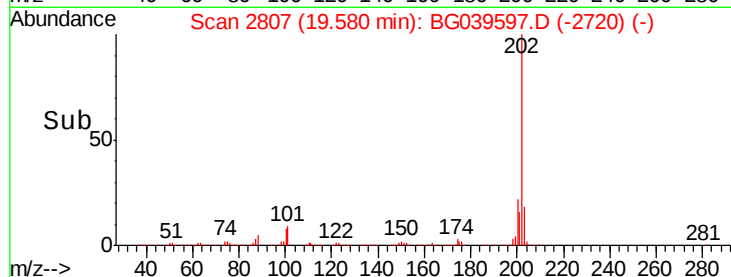
Tot Ion:	202	Resp:	918332
Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	30.0
203	18.0	0.0	38.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

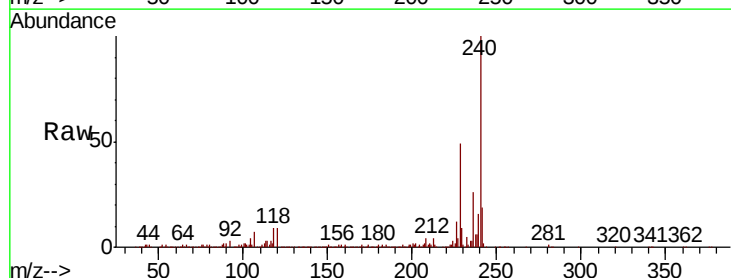
RT: 21.82 min Scan# 3189

Delta R.T. -0.02 min

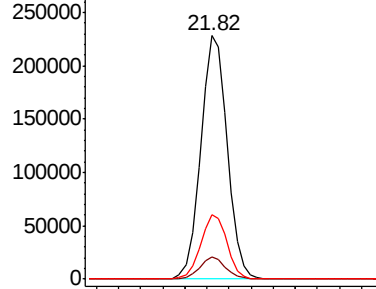
Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

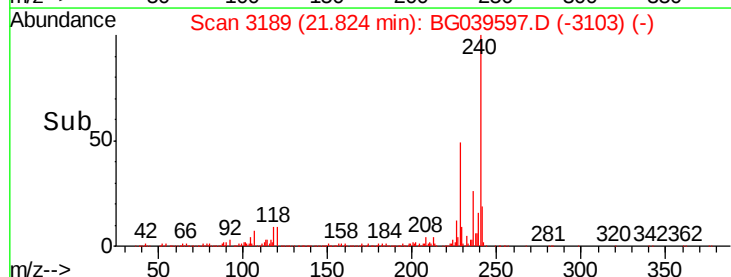
Tgt Ion:	240	Resp:	383142
Ion	Ratio	Lower	Upper
240	100		
120	9.4	7.0	10.6
236	26.2	21.0	31.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 35.193 ng

RT: 19.76 min Scan# 2837

Delta R.T. -0.02 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

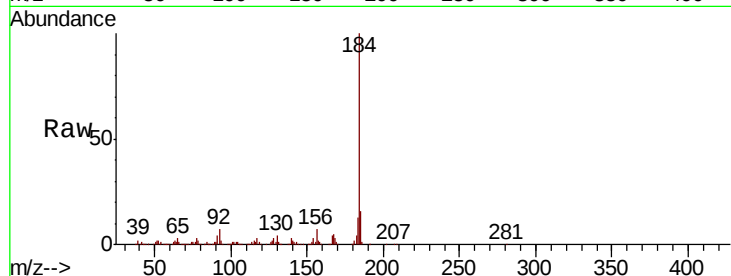
Tot Ion:184 Resp: 442080

Ion Ratio Lower Upper

184 100

185 15.9 12.2 18.2

183 12.5 10.6 15.8

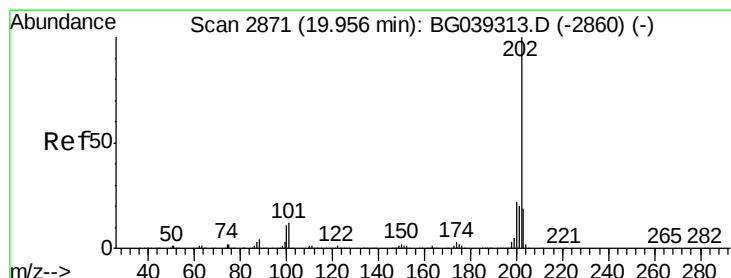
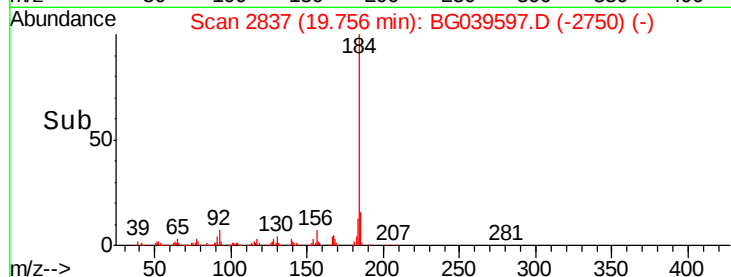
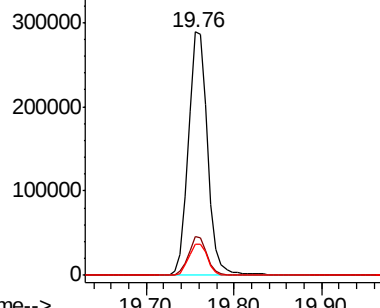


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.475 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.02 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

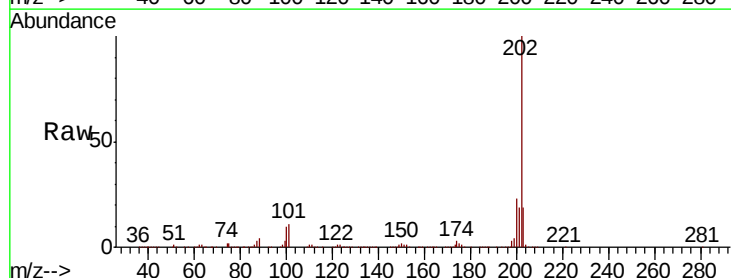
Tgt Ion:202 Resp: 941542

Ion Ratio Lower Upper

202 100

200 22.9 17.8 26.8

203 18.8 15.3 22.9

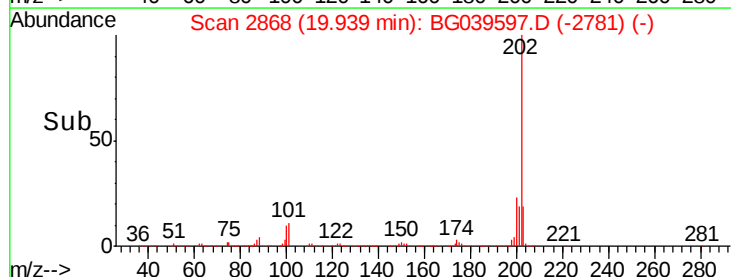
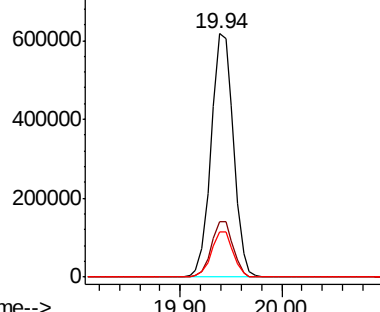


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.208 ng

RT: 20.13 min Scan# 2900

Delta R.T. -0.02 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

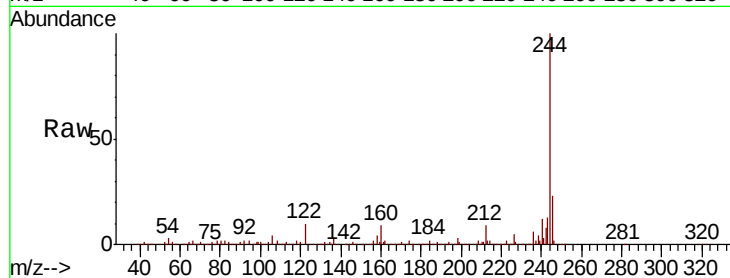
Tot Ion:244 Resp: 1397544

Ion Ratio Lower Upper

244 100

212 9.5 7.3 10.9

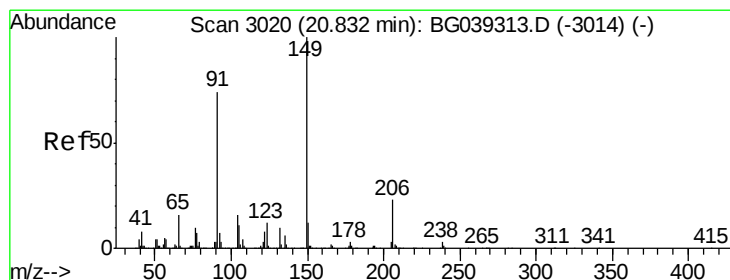
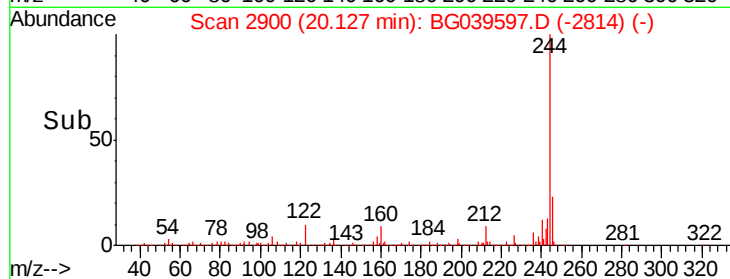
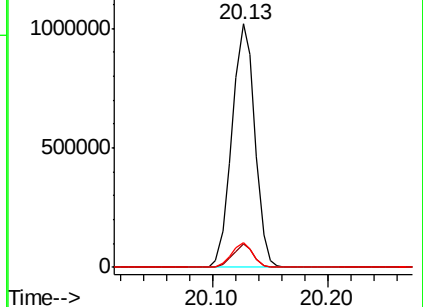
122 10.0 8.4 12.6



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: 40.140 ng

RT: 20.81 min Scan# 3016

Delta R.T. -0.02 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

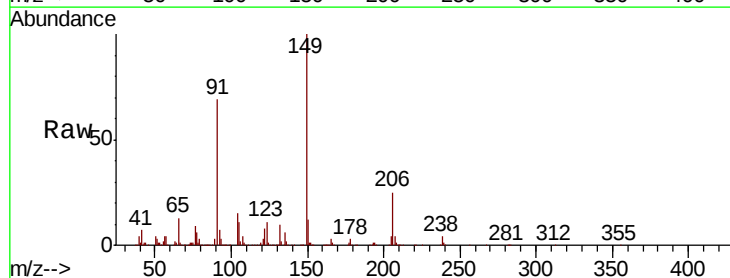
Tgt Ion:149 Resp: 403870

Ion Ratio Lower Upper

149 100

91 69.3 59.5 89.3

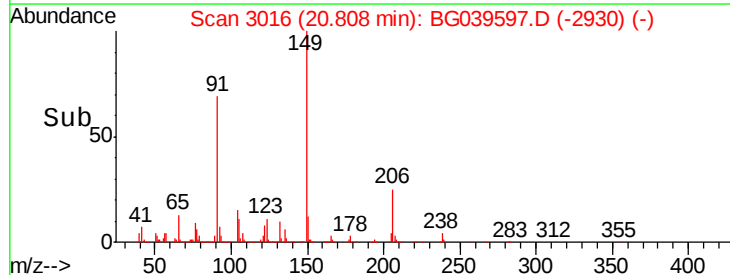
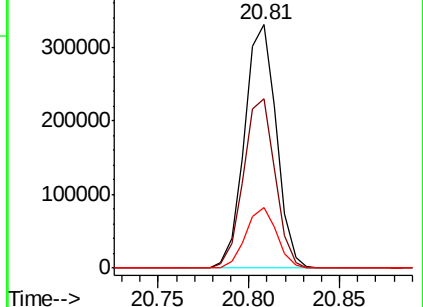
206 24.7 18.6 27.8

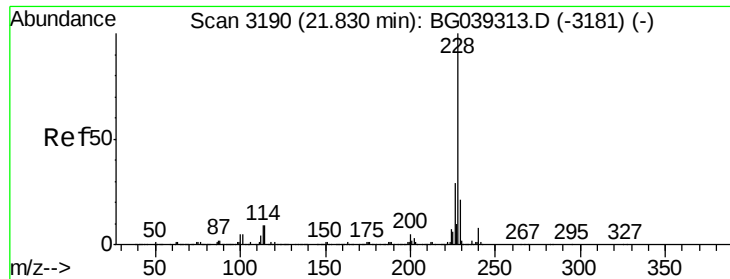


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.541 ng

RT: 21.81 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

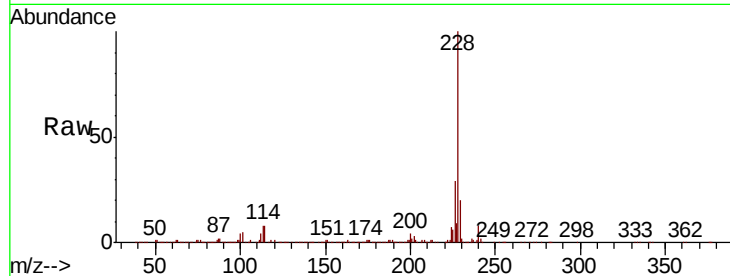
Tot Ion:228 Resp: 895184

Ion Ratio Lower Upper

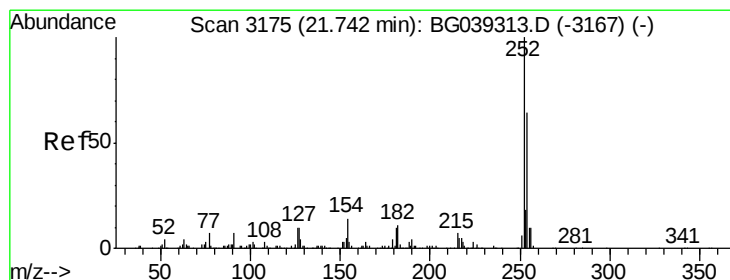
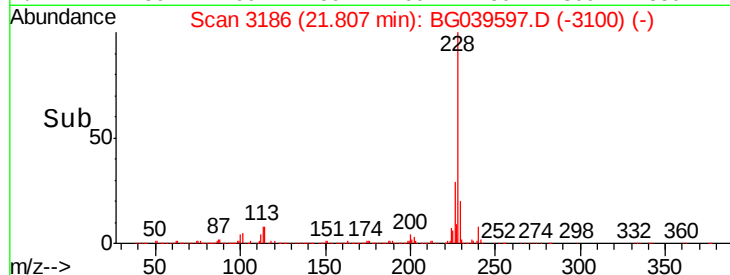
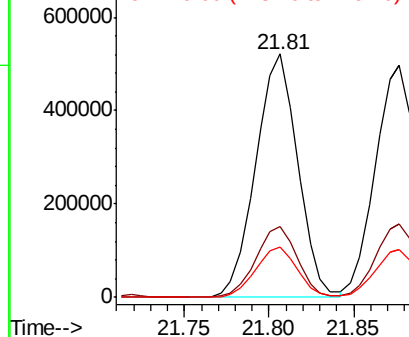
228 100

226 28.9 23.0 34.6

229 20.5 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: 41.648 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.02 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

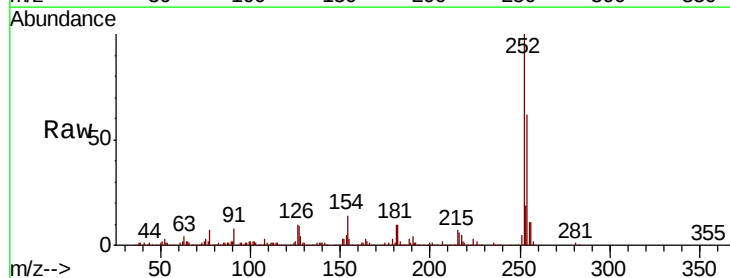
Tgt Ion:252 Resp: 349621

Ion Ratio Lower Upper

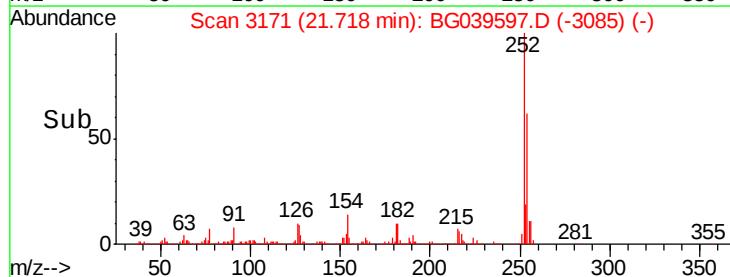
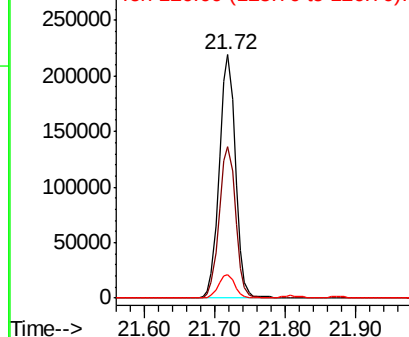
252 100

254 62.5 51.3 76.9

126 9.6 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

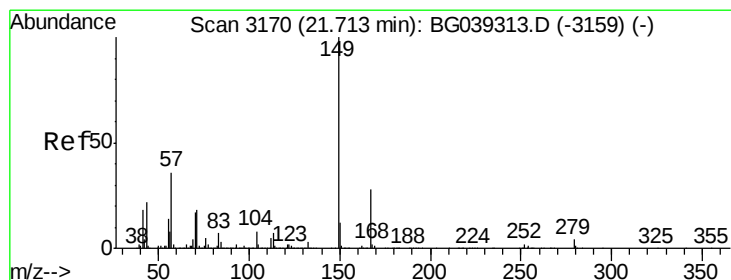
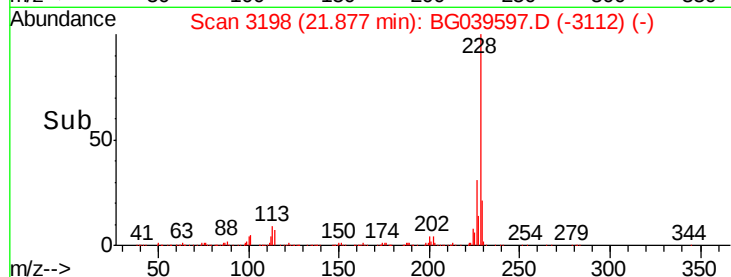
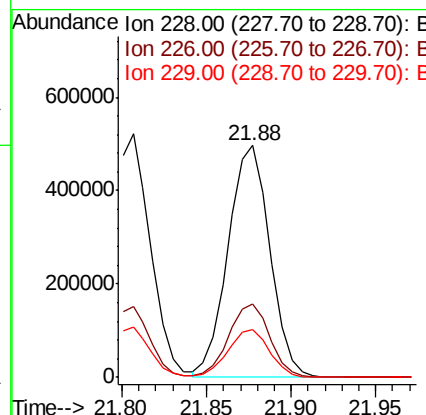
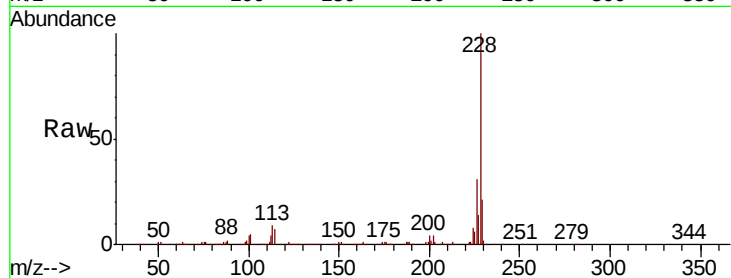




#83
 Chrvsene
 Concen: 39.607 ng
 RT: 21.88 min Scan# 3198
 Delta R.T. -0.02 min
 Lab File: BG039597.D
 Acq: 26 Feb 2019 12:45

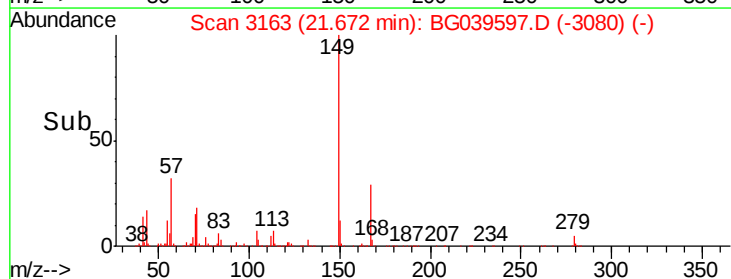
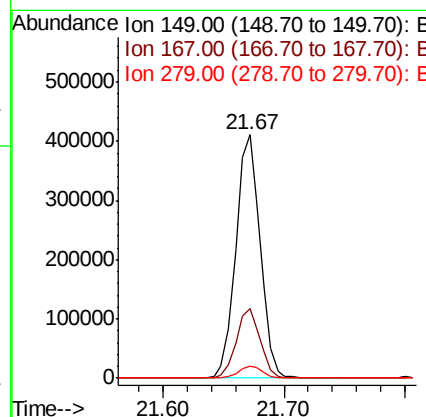
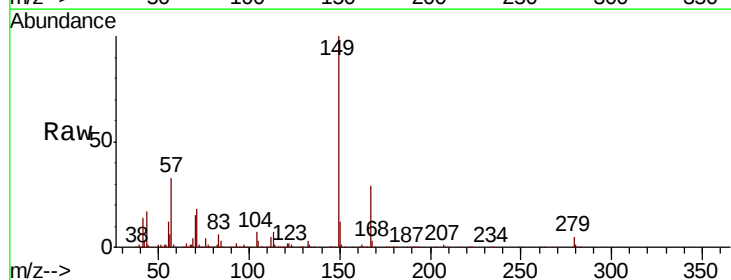
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:228 Resp: 853588
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.8 38.6
 229 20.7 16.6 25.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.965 ng
 RT: 21.67 min Scan# 3163
 Delta R.T. -0.04 min
 Lab File: BG039597.D
 Acq: 26 Feb 2019 12:45

Tgt Ion:149 Resp: 573658
 Ion Ratio Lower Upper
 149 100
 167 28.7 22.6 34.0
 279 4.7 3.5 5.3

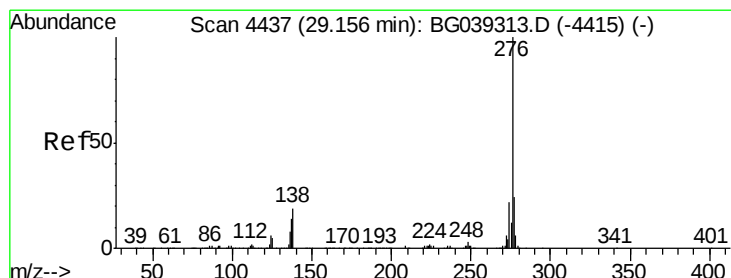
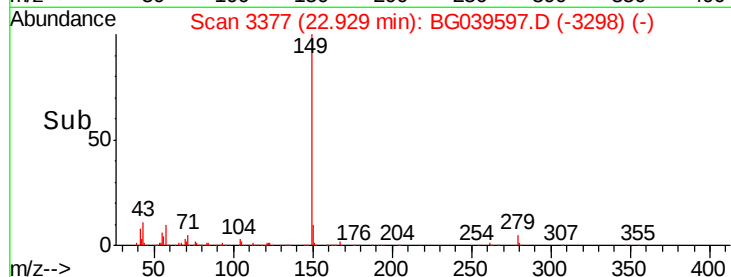
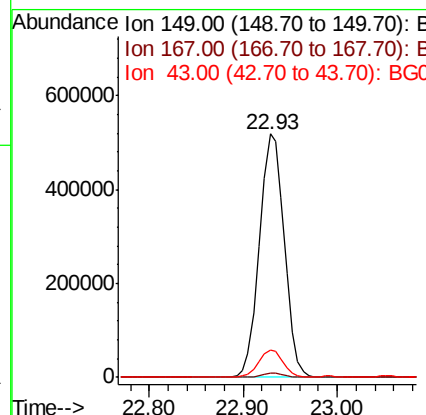
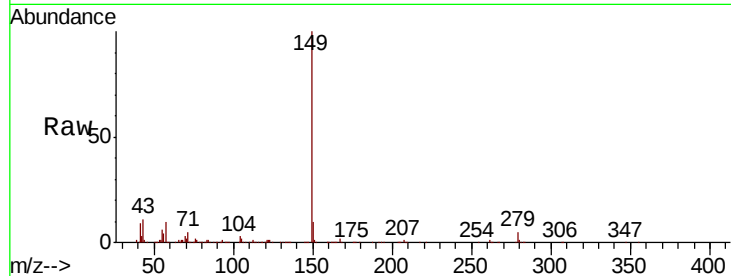




#85
Di-n-octyl phthalate
Concen: 39.853 ng
RT: 22.93 min Scan# 3377
Delta R.T. -0.06 min
Lab File: BG039597.D
Acq: 26 Feb 2019 12:45

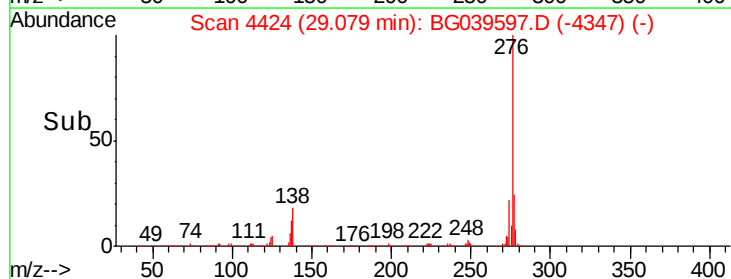
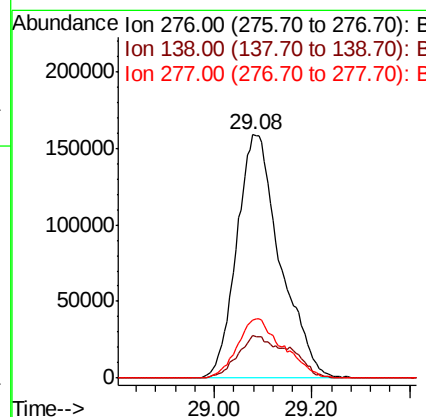
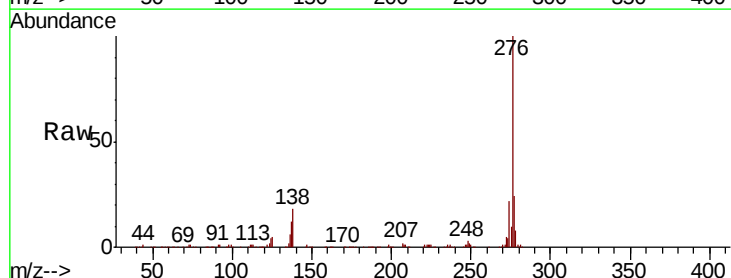
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.0	10.2	15.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.423 ng
RT: 29.08 min Scan# 4424
Delta R.T. -0.08 min
Lab File: BG039597.D
Acq: 26 Feb 2019 12:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.0	12.6	19.0#
277	25.7	20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.20 min Scan# 3764

Delta R.T. -0.04 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

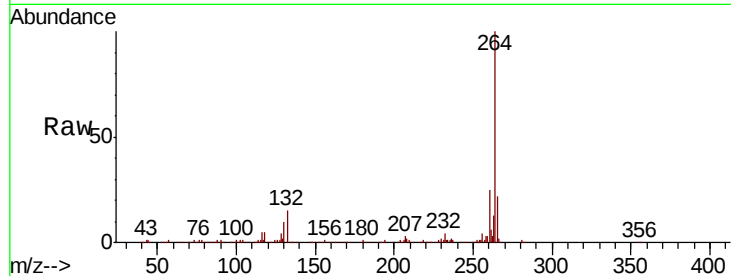
Tot Ion:264 Resp: 399178

Ion Ratio Lower Upper

264 100

260 24.9 18.2 27.4

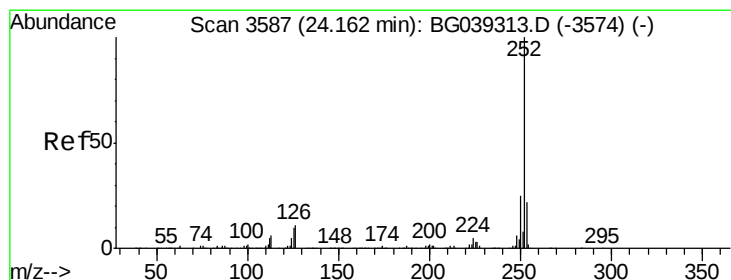
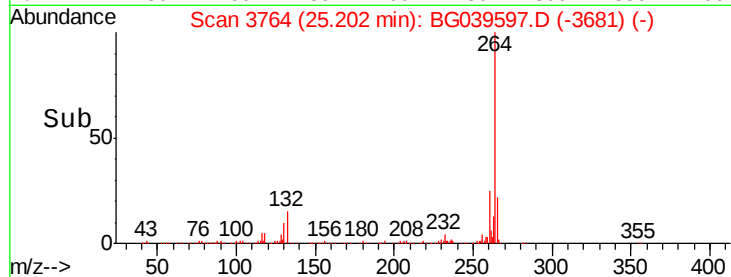
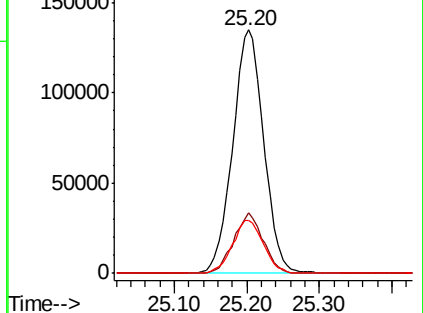
265 21.5 18.5 27.7



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: 39.340 ng

RT: 24.12 min Scan# 3580

Delta R.T. -0.04 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

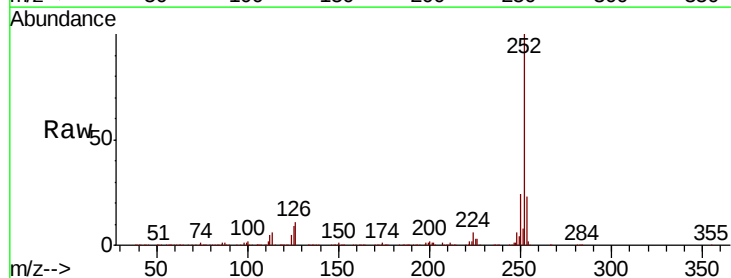
Tgt Ion:252 Resp: 856408

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

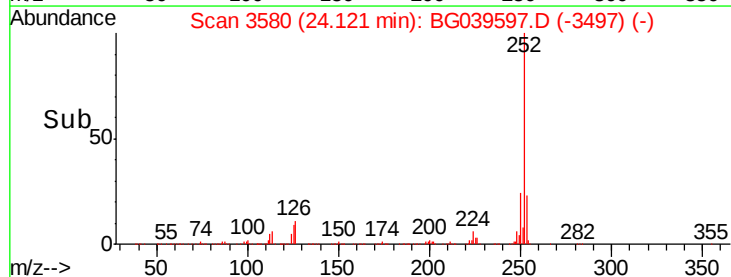
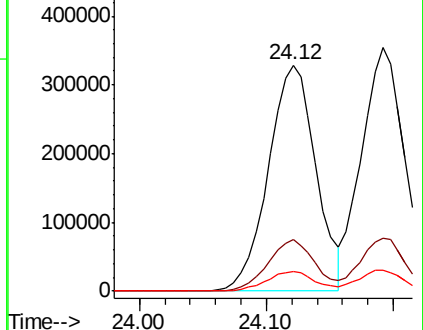
125 8.9 7.8 11.6

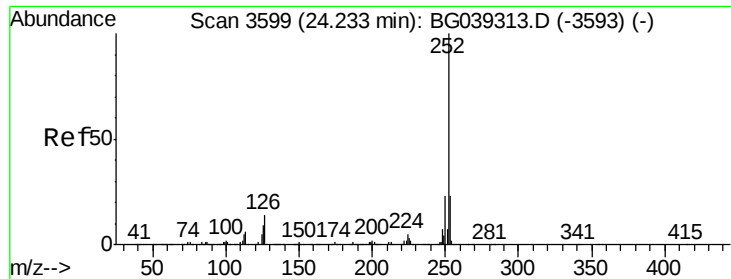


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 38.268 ng

RT: 24.19 min Scan# 3592

Delta R.T. -0.04 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

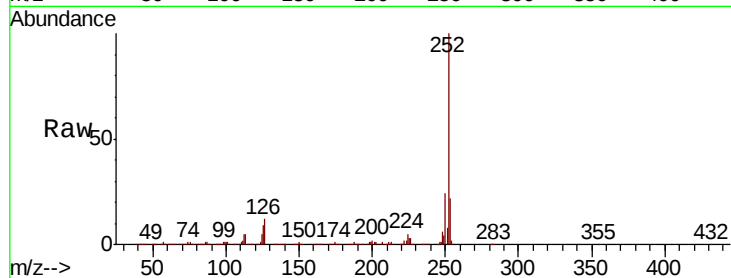
Tot Ion:252 Resp: 836391

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

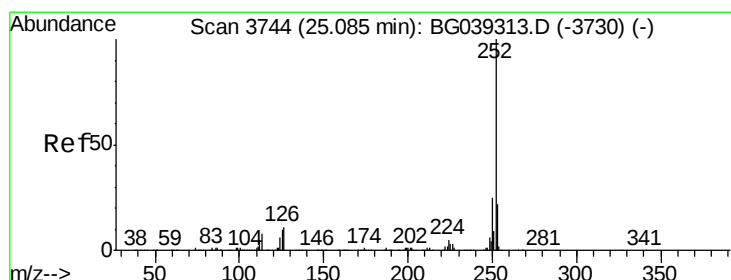
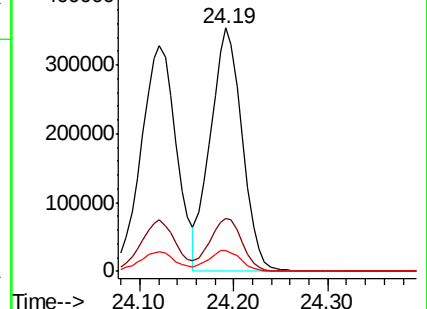
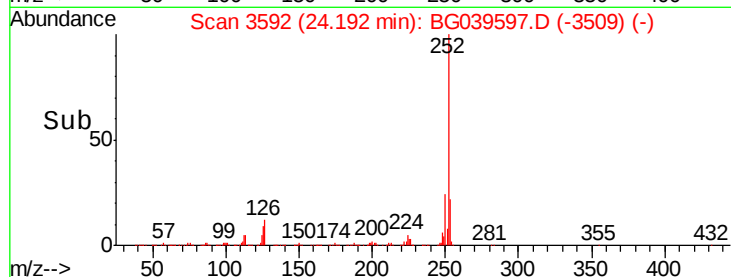
125 8.7 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.780 ng

RT: 25.04 min Scan# 3737

Delta R.T. -0.04 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

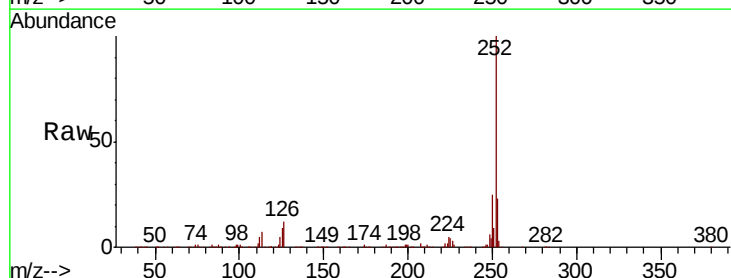
Tgt Ion:252 Resp: 834015

Ion Ratio Lower Upper

252 100

253 22.8 17.9 26.9

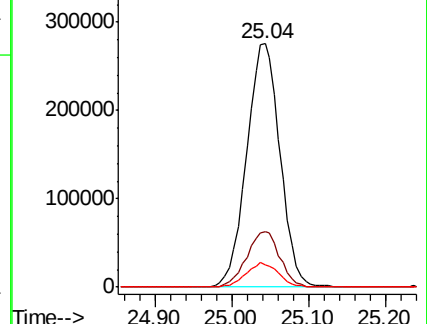
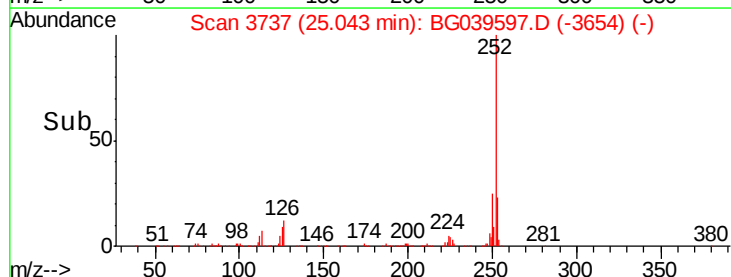
125 9.2 8.3 12.5

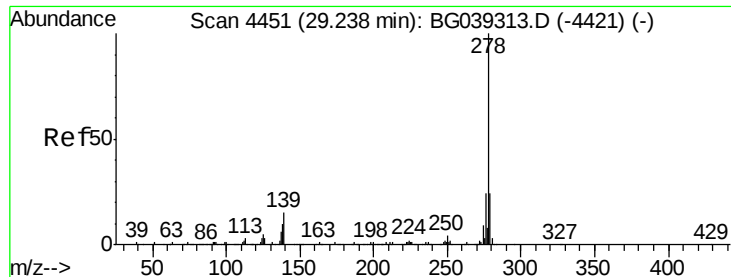


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 40.681 ng

RT: 29.16 min Scan# 4437

Delta R.T. -0.08 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

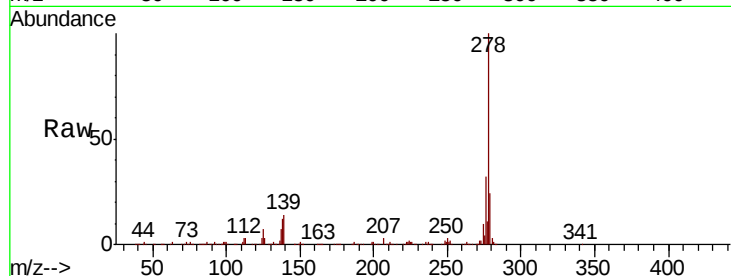
Tot Ion:278 Resp: 798741

Ion Ratio Lower Upper

278 100

139 14.4 11.7 17.5

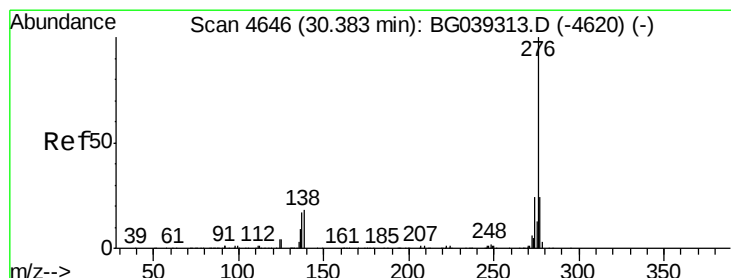
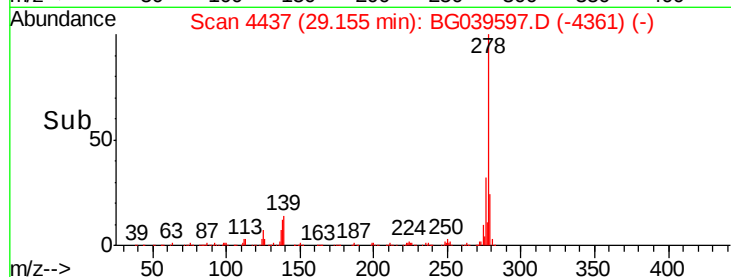
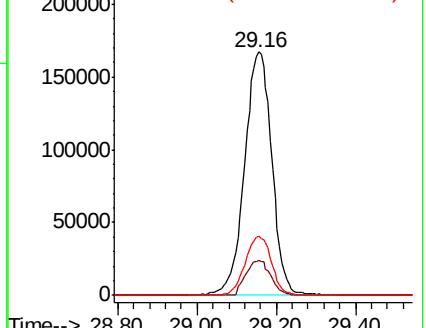
279 24.2 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.165 ng

RT: 30.31 min Scan# 4633

Delta R.T. -0.08 min

Lab File: BG039597.D

Acq: 26 Feb 2019 12:45

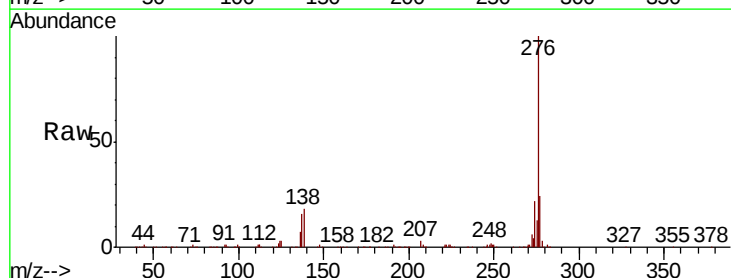
Tgt Ion:276 Resp: 805606

Ion Ratio Lower Upper

276 100

277 23.7 19.6 29.4

138 18.5 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

