

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
 Data File : BG039382.D
 Acq On : 7 Feb 2019 14:37
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 08 09:11:55 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	8.18	152	57821	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	250821	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	162193	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	384405	20.00	ng	0.00
76) Chrysene-d12	21.84	240	381409	20.00	ng	-0.01
87) Perylene-d12	25.22	264	396079	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.72	112	279895	82.85	ng	0.00
7) Phenol-d6	7.31	99	410135	82.47	ng	0.00
23) Nitrobenzene-d5	9.35	82	373349	92.99	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	153822	88.07	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	897422	79.37	ng	0.00
79) Terphenyl-d14	20.14	244	1373679	76.23	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.61	88	59111	40.000	ng	94
3) Pyridine	4.01	79	165211	42.225	ng	96
4) n-Nitrosodimethylamine	3.93	42	72826	37.218	ng	87
6) Aniline	7.50	93	244952	39.325	ng	100
8) 2-Chlorophenol	7.74	128	155102	42.000	ng	95
9) Benzaldehyde	7.32	77	102304	41.687	ng	98
10) Phenol	7.34	94	210814	40.668	ng	98
11) bis(2-Chloroethyl)ether	7.60	93	164460	40.150	ng	98
12) 1,3-Dichlorobenzene	8.07	146	180787	40.412	ng	98
13) 1,4-Dichlorobenzene	8.21	146	181692	40.748	ng	97
14) 1,2-Dichlorobenzene	8.54	146	171799	39.800	ng	97
15) Benzyl Alcohol	8.41	79	157934	40.453	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.70	45	331346	35.821	ng	98
17) 2-Methylphenol	8.61	107	135563	40.411	ng	94
18) Hexachloroethane	9.26	117	64790	42.234	ng	99
19) n-Nitroso-di-n-propylamine	8.98	70	138029	39.107	ng	95
20) 3+4-Methylphenols	8.94	107	188480	40.801	ng	96
22) Acetophenone	9.01	105	265716	39.439	ng	96
24) Nitrobenzene	9.40	77	193508	44.613	ng	99
25) Isophorone	9.92	82	332272	37.346	ng	96
26) 2-Nitrophenol	10.10	139	85936	49.962	ng	97
27) 2,4-Dimethylphenol	10.15	122	144604	40.178	ng	97
28) bis(2-Chloroethoxy)methane	10.39	93	219177	39.995	ng	96
29) 2,4-Dichlorophenol	10.63	162	170935	43.455	ng	93
30) 1,2,4-Trichlorobenzene	10.86	180	187450	42.446	ng	99
31) Naphthalene	11.05	128	487643	39.190	ng	98
32) Benzoic acid	10.25	122	94881	41.714	ng	98
33) 4-Chloroaniline	11.16	127	225936	39.161	ng	98
34) Hexachlorobutadiene	11.31	225	125979	42.895	ng	96
35) Caprolactam	11.95	113	65639	40.325	ng	97
36) 4-Chloro-3-methylphenol	12.25	107	181477	39.892	ng	96
37) 2-Methylnaphthalene	12.64	142	357300	38.769	ng	97
38) 1-Methylnaphthalene	12.86	142	346789	39.036	ng	98
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	219539	42.542	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	114168	40.600	nq	97
43) 2,4,6-Trichlorophenol	13.24	196	140634	44.323	nq	98
44) 2,4,5-Trichlorophenol	13.30	196	149157	44.852	nq	98
46) 1,1'-Biphenyl	13.64	154	532756	39.478	nq	99
47) 2-Chloronaphthalene	13.69	162	406644	40.056	nq	99
48) 2-Nitroaniline	13.89	65	133194	46.075	nq	98
49) Acenaphthylene	14.53	152	604779	39.481	nq	100
50) Dimethylphthalate	14.25	163	522019	39.851	nq	99
51) 2,6-Dinitrotoluene	14.37	165	112590	46.264	nq	98
52) Acenaphthene	14.87	154	387609	38.981	nq	99
53) 3-Nitroaniline	14.71	138	120620	45.943	nq	# 90
54) 2,4-Dinitrophenol	14.91	184	33751	41.198	nq	91
55) Dibenzofuran	15.20	168	634608	39.806	nq	99
56) 4-Nitrophenol	14.99	139	95992	43.388	nq	90
57) 2,4-Dinitrotoluene	15.16	165	156185	49.510	nq	85
58) Fluorene	15.84	166	467030	39.297	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	139241	44.719	nq	97
60) Diethylphthalate	15.60	149	513862	37.941	nq	96
61) 4-Chlorophenyl-phenylether	15.83	204	278916	41.447	nq	93
62) 4-Nitroaniline	15.87	138	125913	46.027	nq	89
63) Azobenzene	16.13	77	484459	36.597	nq	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	71949	47.652	nq	98
66) n-Nitrosodiphenylamine	16.05	169	462767	39.592	nq	98
67) 4-Bromophenyl-phenylether	16.72	248	177158	41.542	nq	96
68) Hexachlorobenzene	16.84	284	181378	42.392	nq	95
69) Atrazine	16.99	200	162707	38.092	nq	96
70) Pentachlorophenol	17.18	266	118259	39.768	nq	97
71) Phenanthrene	17.59	178	770052	38.704	nq	99
72) Anthracene	17.68	178	766093	39.092	nq	99
73) Carbazole	17.95	167	746712	38.180	nq	99
74) Di-n-butylphthalate	18.48	149	874767	38.339	nq	99
75) Fluoranthene	19.59	202	910093	39.411	nq	99
77) Benzidine	19.77	184	450905	36.059	nq	100
78) Pyrene	19.95	202	925918	38.996	nq	100
80) Butylbenzylphthalate	20.82	149	400695	40.006	nq	96
81) Benzo(a)anthracene	21.82	228	885091	39.272	nq	100
82) 3,3'-Dichlorobenzidine	21.73	252	343243	41.074	nq	99
83) Chrysene	21.89	228	848094	39.531	nq	99
84) Bis(2-ethylhexyl)phthalate	21.69	149	563002	39.400	nq	100
85) Di-n-octyl phthalate	22.96	149	946848	40.108	nq	96
86) Indeno(1,2,3-cd)pyrene	29.12	276	978803	42.523	nq	98
88) Benzo(b)fluoranthene	24.14	252	866836	40.131	nq	98
89) Benzo(k)fluoranthene	24.21	252	850850	39.234	nq	98
90) Benzo(a)pyrene	25.06	252	835426	40.159	nq	98
91) Dibenzo(a,h)anthracene	29.20	278	800756	41.103	nq	99
92) Benzo(g,h,i)perylene	30.35	276	797491	41.070	nq	97

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

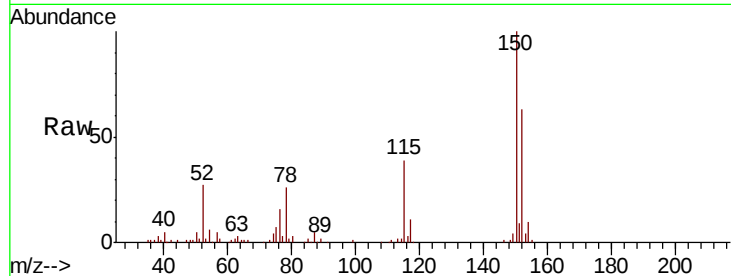


#1

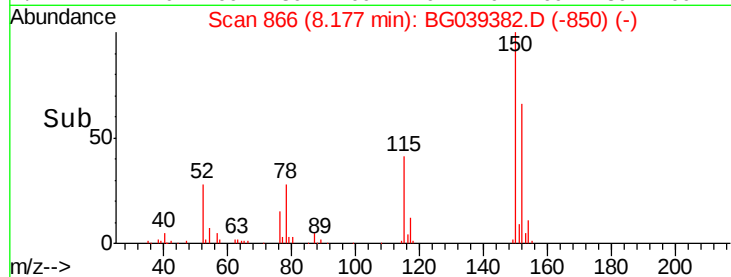
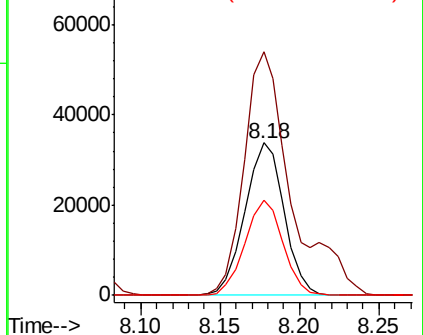
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

Instrument :
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ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	123.7	185.5
115	62.3	45.9	68.9



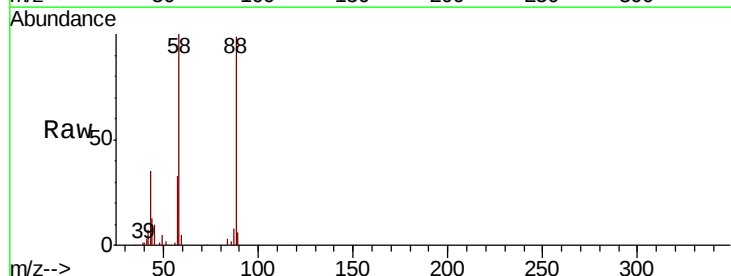
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



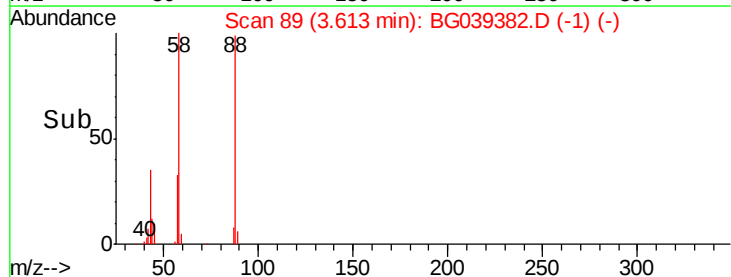
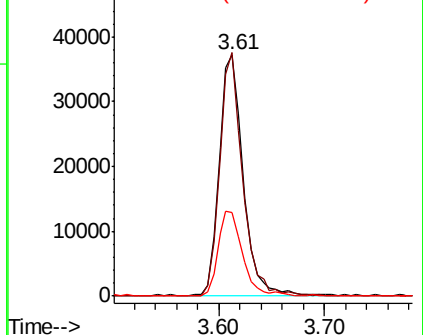
#2

1,4-Dioxane
Concen: 40.000 ng
RT: 3.61 min Scan# 89
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.7	81.1	121.7
43	35.9	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: 42.225 ng

RT: 4.01 min Scan# 157

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

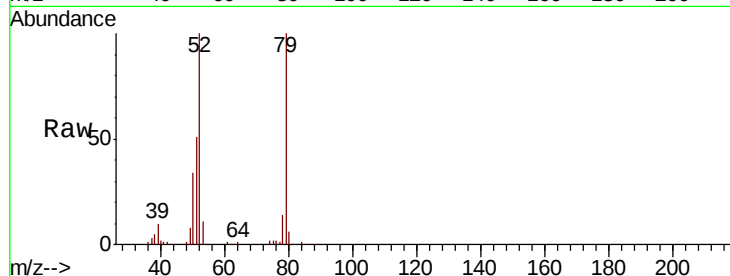
Tot Ion: 79 Resp: 165211

Ion Ratio Lower Upper

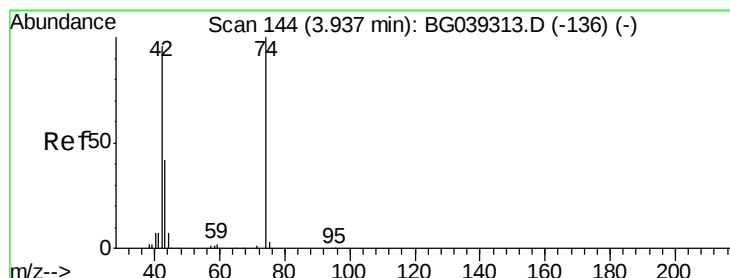
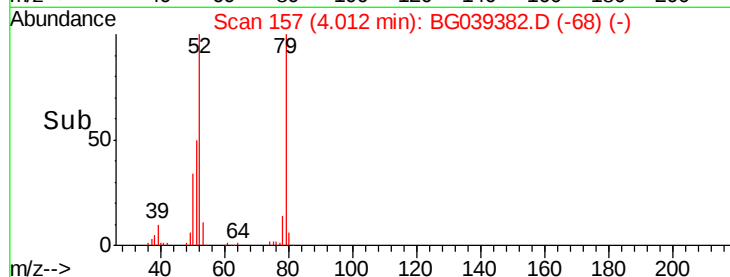
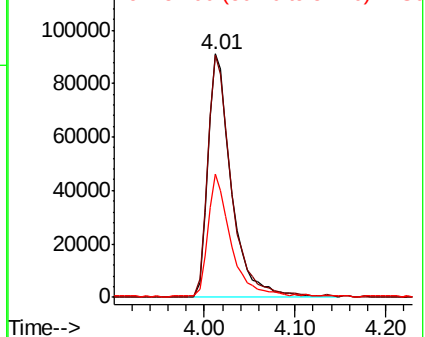
79 100

52 99.7 82.6 124.0

51 50.5 37.5 56.3



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



#4

n-Nitrosodimethylamine

Concen: 37.218 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

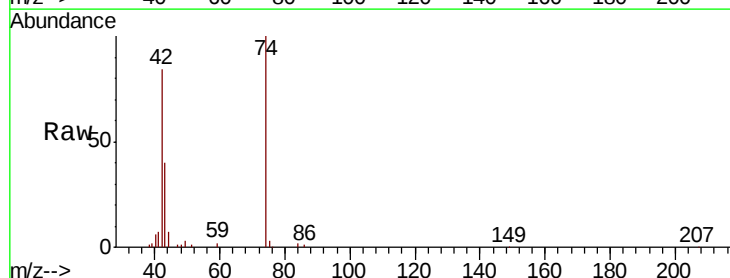
Tgt Ion: 42 Resp: 72826

Ion Ratio Lower Upper

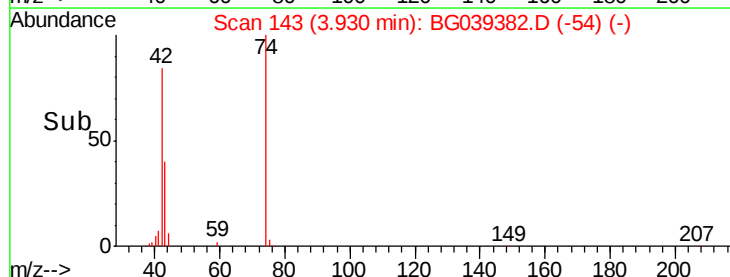
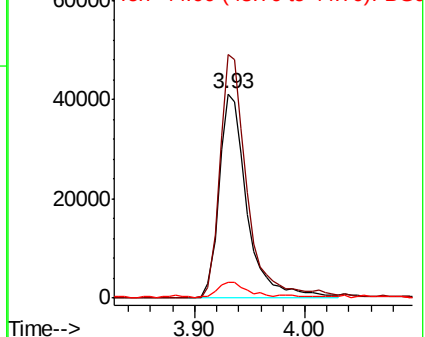
42 100

74 119.1 83.6 125.4

44 7.9 6.9 10.3



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





#5

2-Fluorophenol

Concen: 82.849 ng

RT: 5.72 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

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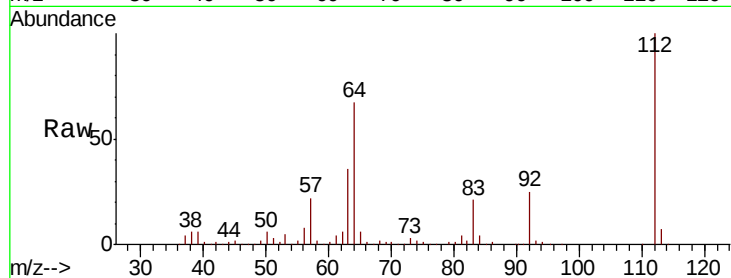
Tot Ion: 112 Resp: 279895

Ion Ratio Lower Upper

112 100

64 67.3 57.8 86.8

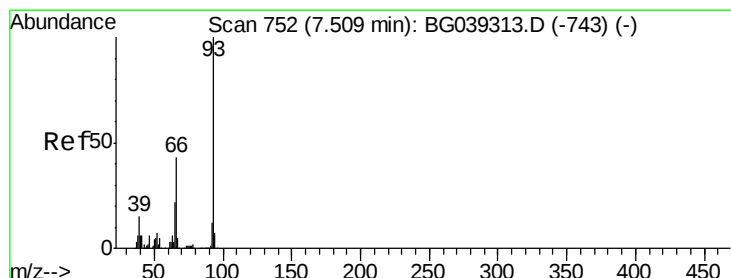
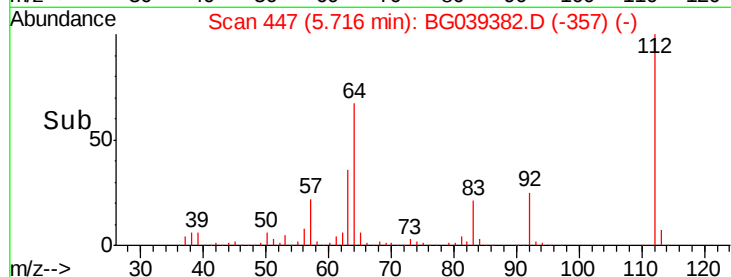
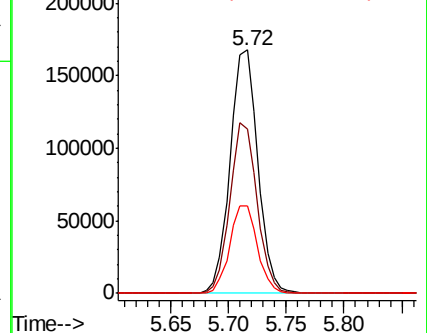
63 36.1 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 39.325 ng

RT: 7.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

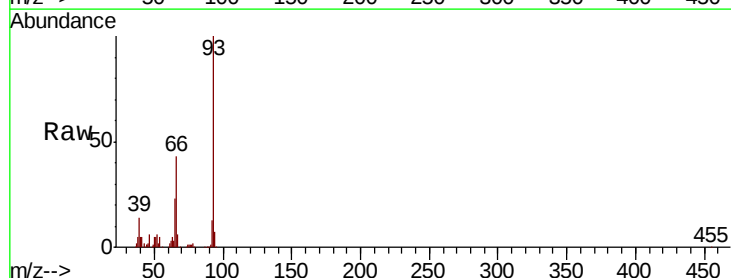
Tgt Ion: 93 Resp: 244952

Ion Ratio Lower Upper

93 100

66 42.8 34.2 51.4

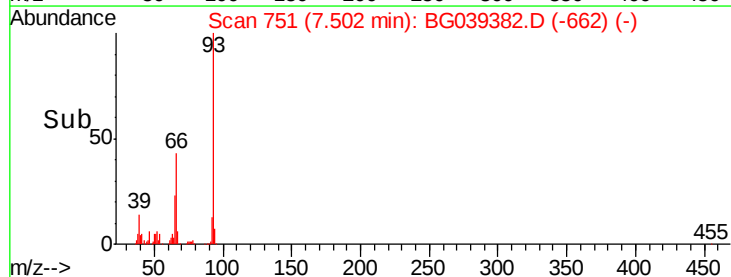
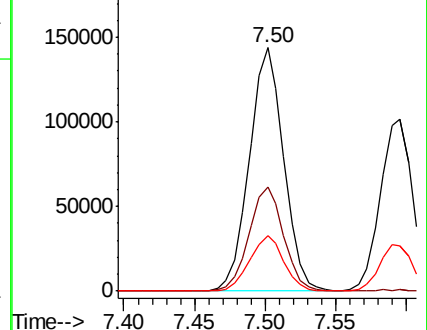
65 22.5 17.7 26.5

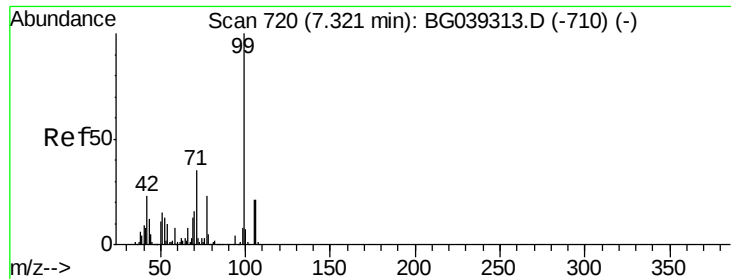


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 82.475 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

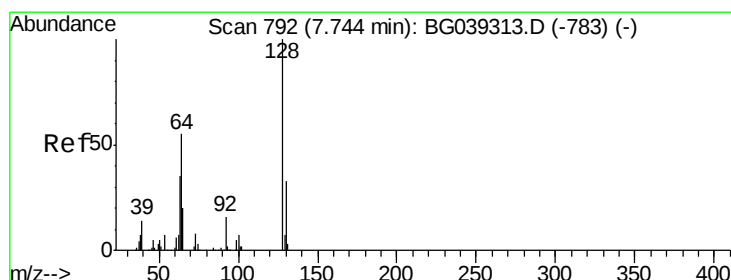
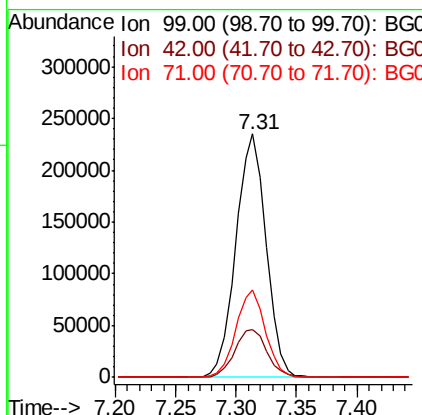
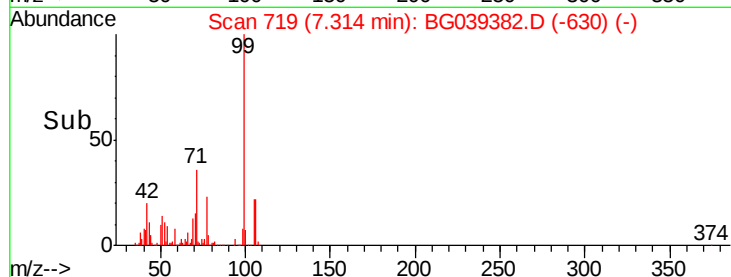
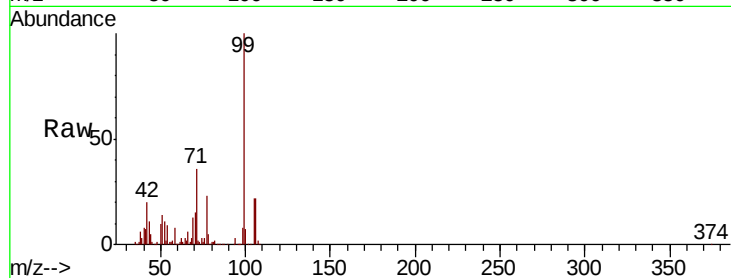
Tot Ion: 99 Resp: 410135

Ion Ratio Lower Upper

99 100

42 19.9 18.2 27.2

71 35.8 28.0 42.0



#8

2-Chlorophenol

Concen: 42.000 ng

RT: 7.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

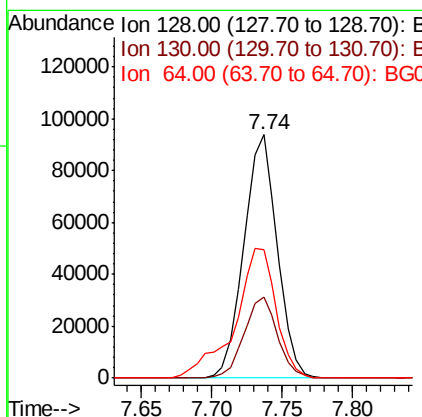
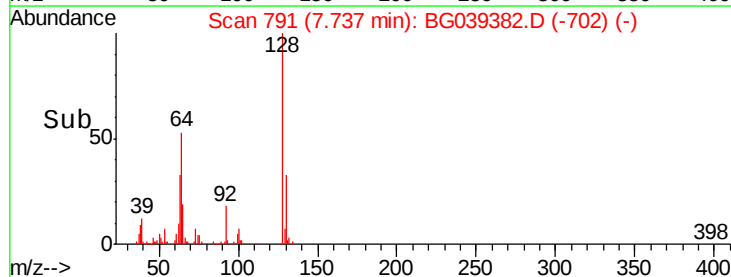
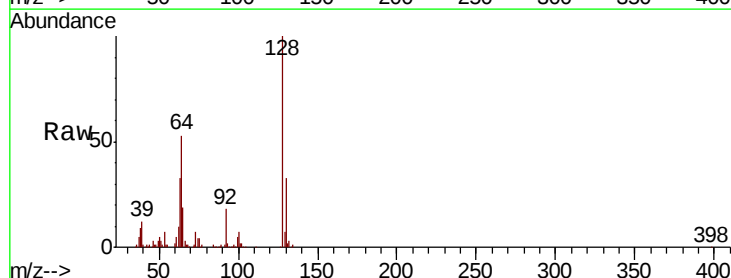
Tgt Ion: 128 Resp: 155102

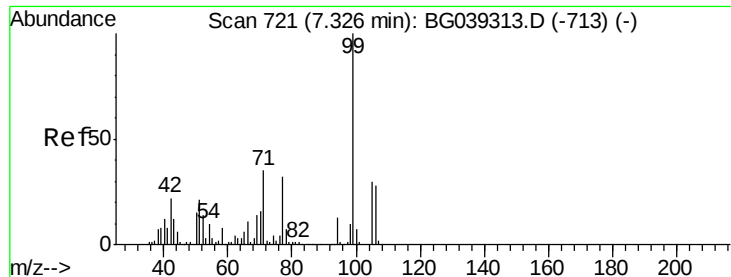
Ion Ratio Lower Upper

128 100

130 33.4 12.9 52.9

64 52.9 38.7 78.7





#9

Benzaldehyde

Concen: 41.687 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

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ClientSampleId :

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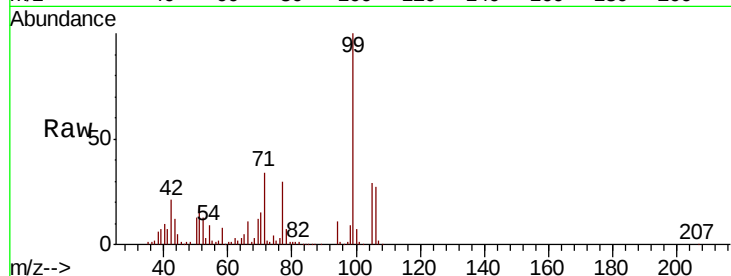
Tot Ion: 77 Resp: 102304

Ion Ratio Lower Upper

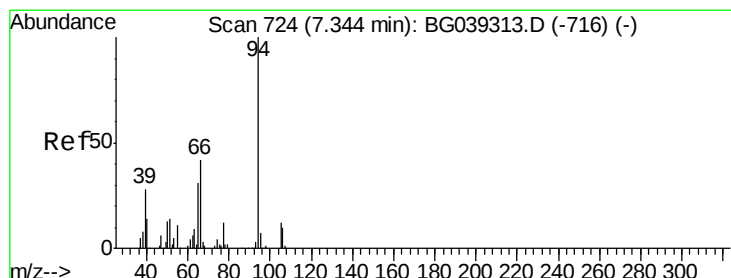
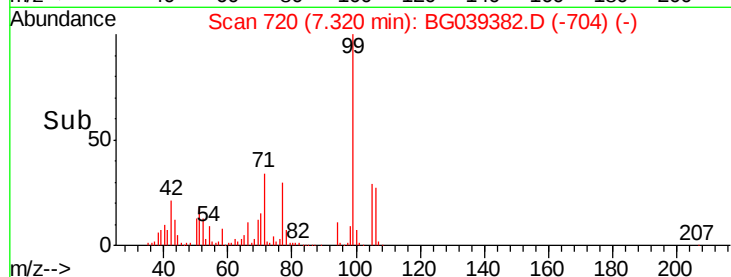
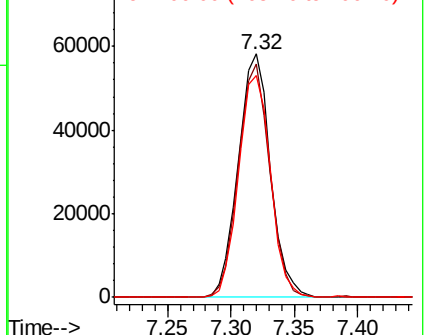
77 100

105 95.8 74.5 114.5

106 91.2 68.0 108.0



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



#10

Phenol

Concen: 40.668 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

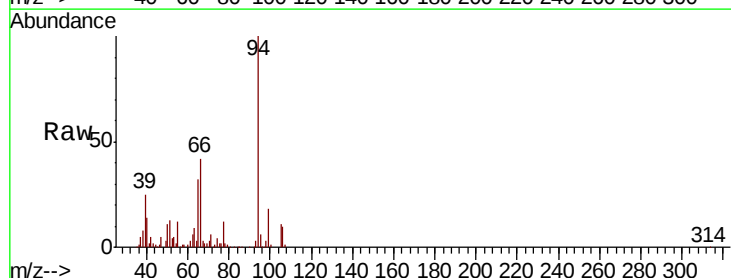
Tgt Ion: 94 Resp: 210814

Ion Ratio Lower Upper

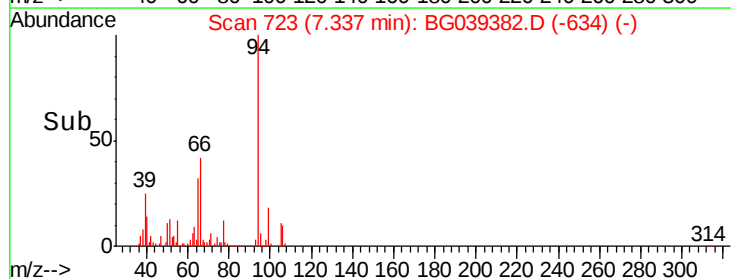
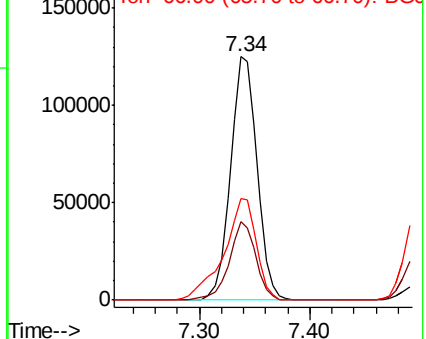
94 100

65 32.2 11.7 51.7

66 41.9 23.7 63.7



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

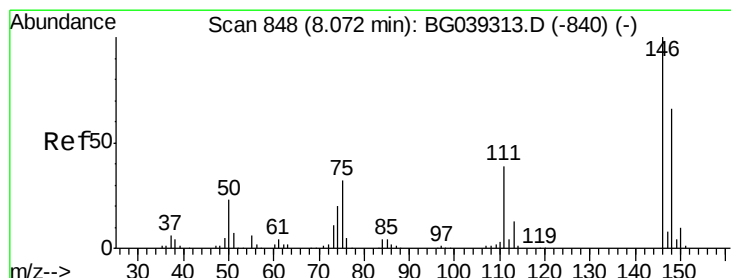
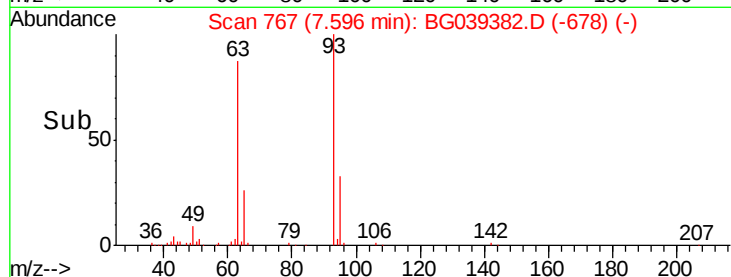
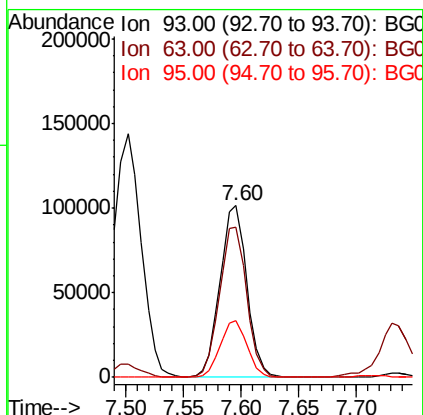
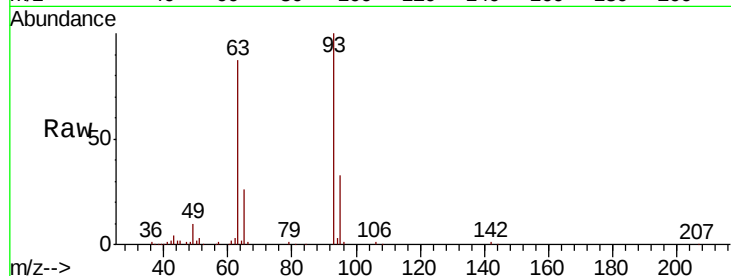




#11
bis(2-Chloroethyl)ether
Concen: 40.150 ng
RT: 7.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

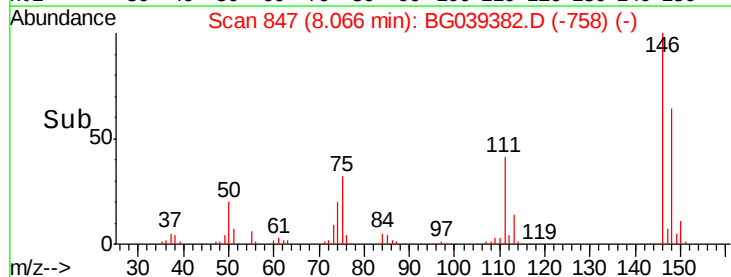
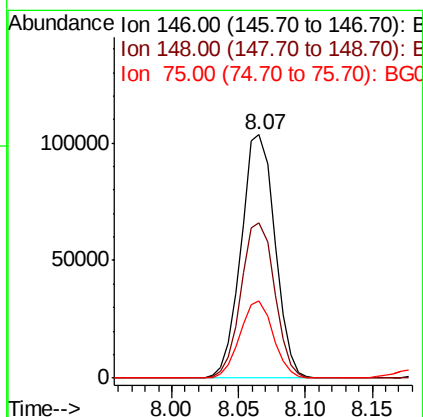
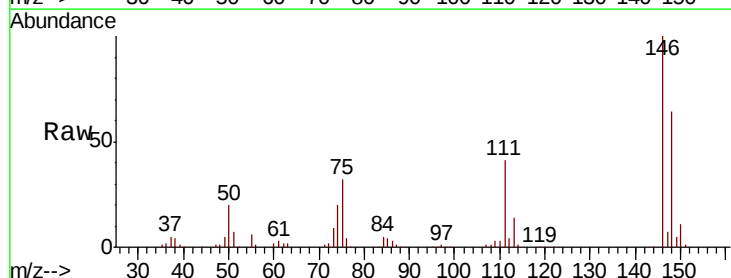
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

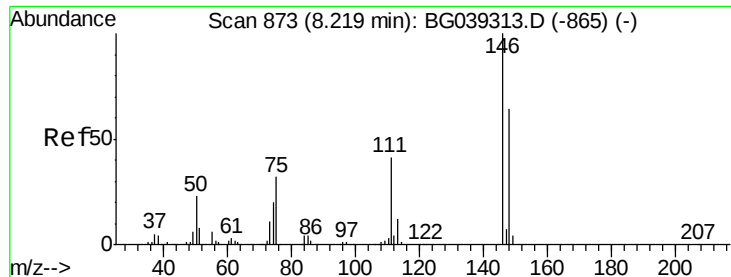
Tot Ion: 93 Resp: 164460
Ion Ratio Lower Upper
93 100
63 87.4 69.5 109.5
95 33.0 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 40.412 ng
RT: 8.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

Tgt Ion: 146 Resp: 180787
Ion Ratio Lower Upper
146 100
148 63.7 52.6 79.0
75 31.8 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 40.748 ng

RT: 8.21 min Scan# 872

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

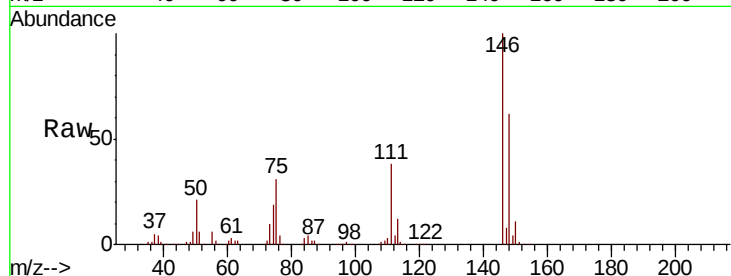
Tot Ion:146 Resp: 181692

Ion Ratio Lower Upper

146 100

148 62.3 51.1 76.7

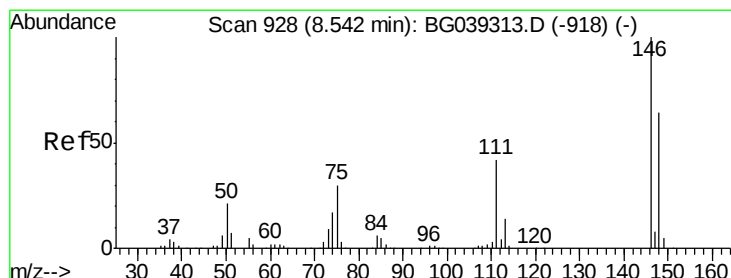
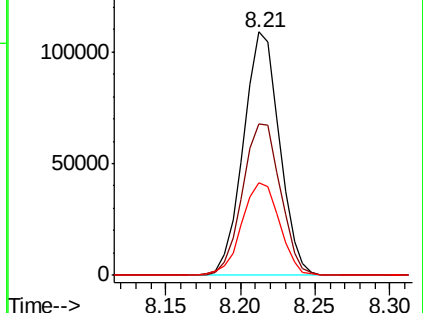
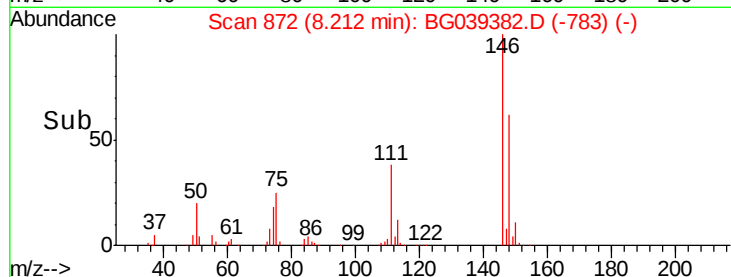
111 38.1 32.6 48.8



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: 39.800 ng

RT: 8.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

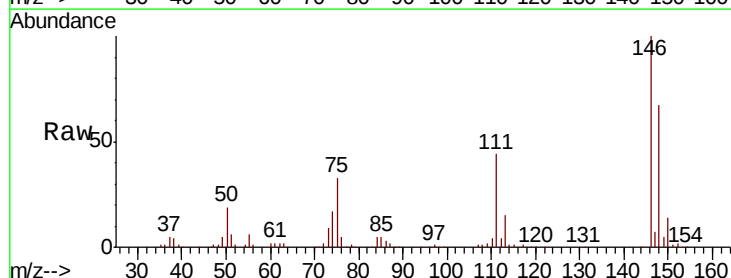
Tgt Ion:146 Resp: 171799

Ion Ratio Lower Upper

146 100

148 66.7 51.5 77.3

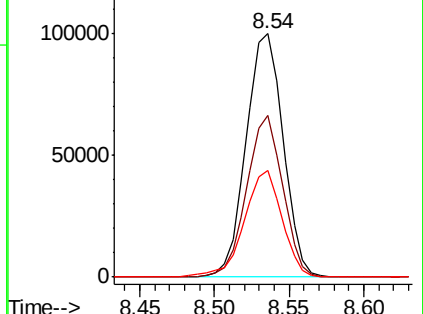
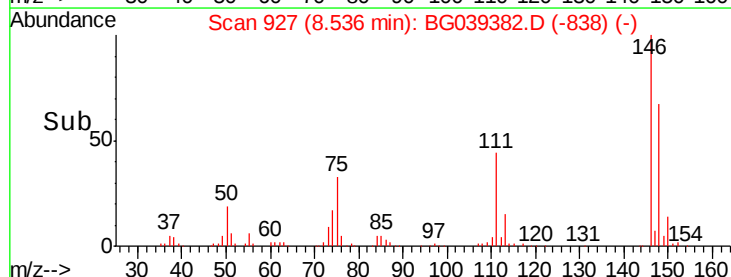
111 43.6 33.8 50.6

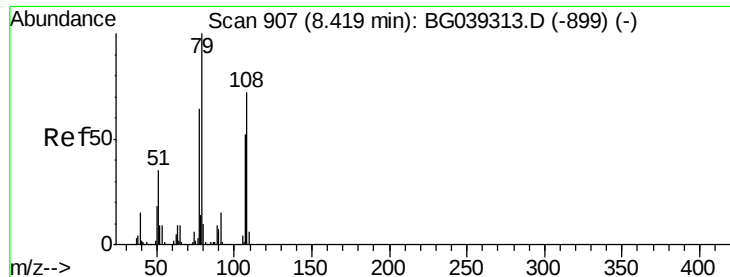


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.453 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

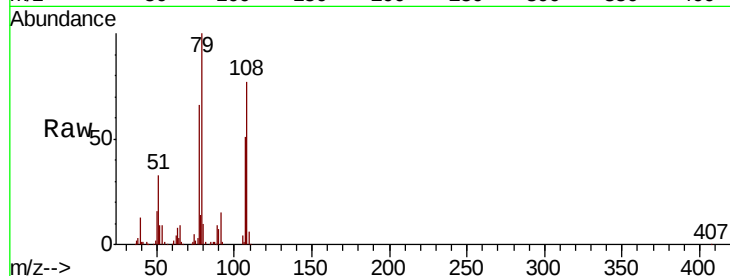
Tot Ion: 79 Resp: 157934

Ion Ratio Lower Upper

79 100

108 76.7 57.8 86.6

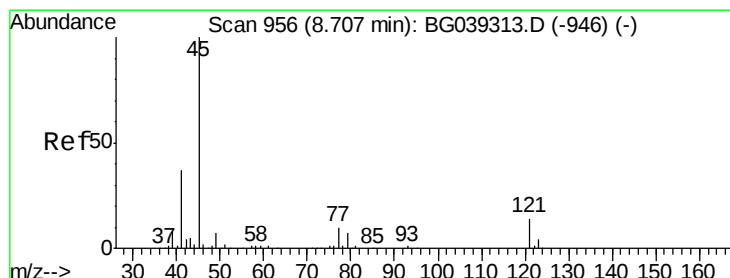
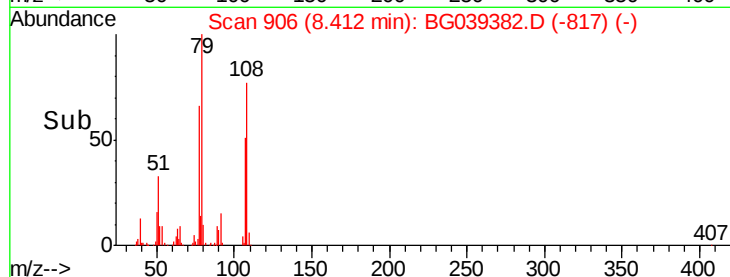
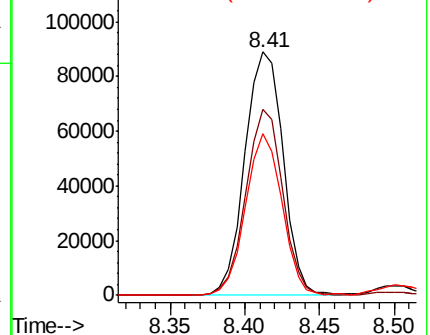
77 66.4 51.1 76.7



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.821 ng

RT: 8.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

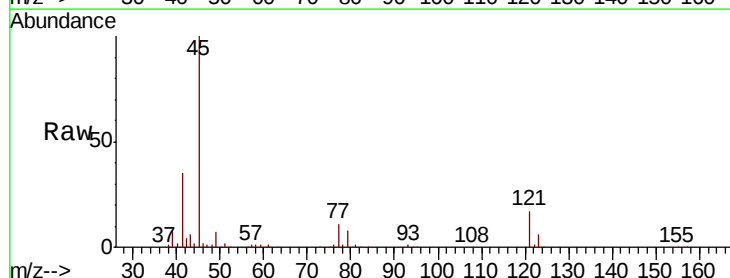
Tgt Ion: 45 Resp: 331346

Ion Ratio Lower Upper

45 100

77 10.5 0.0 30.0

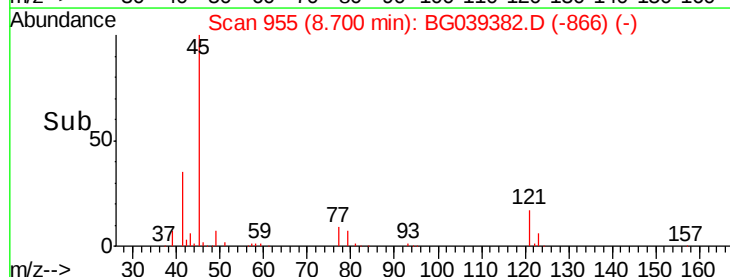
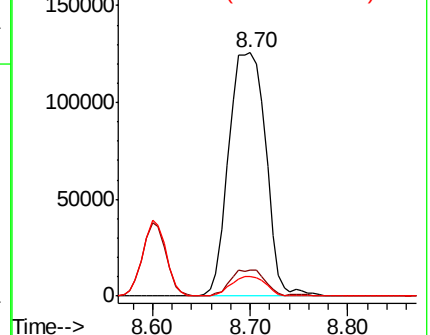
79 8.2 0.0 27.5

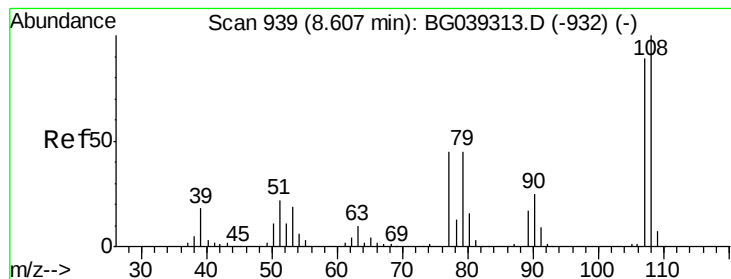


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

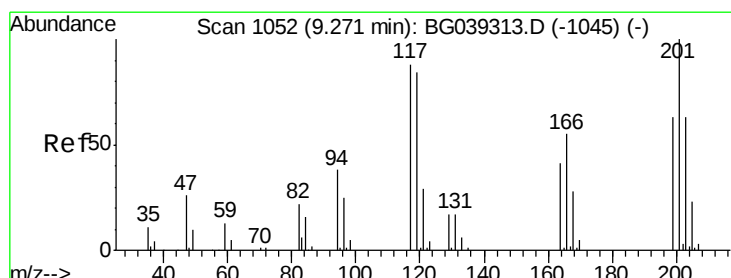
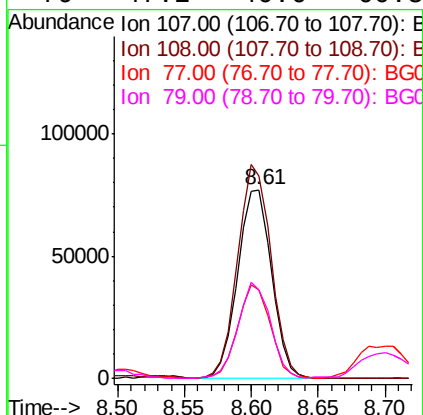
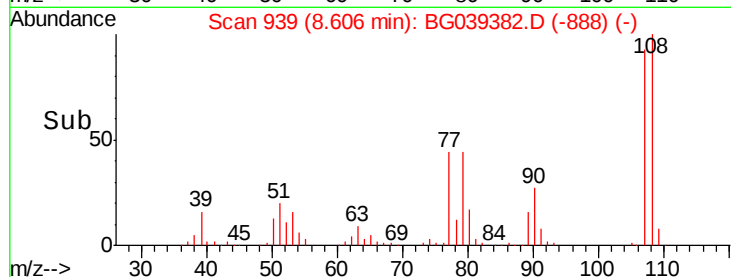
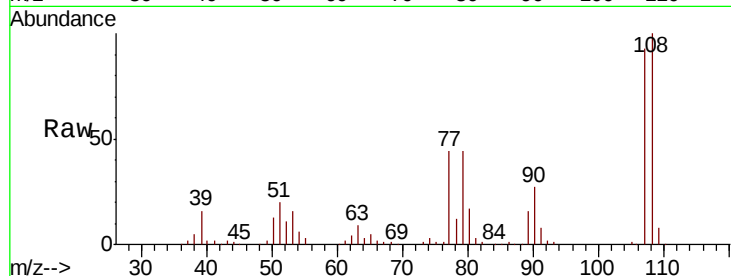




#17
2-Methylphenol
Concen: 40.411 ng
RT: 8.61 min Scan# 939
Delta R.T. -0.00 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

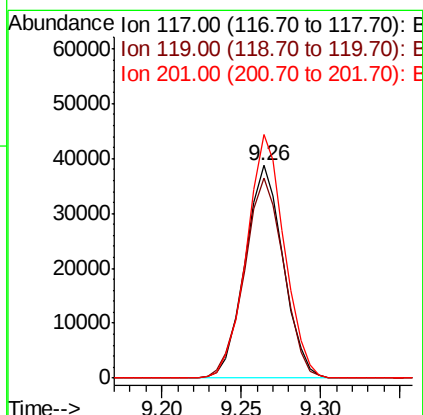
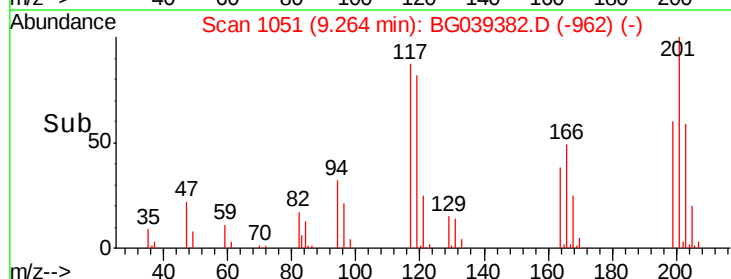
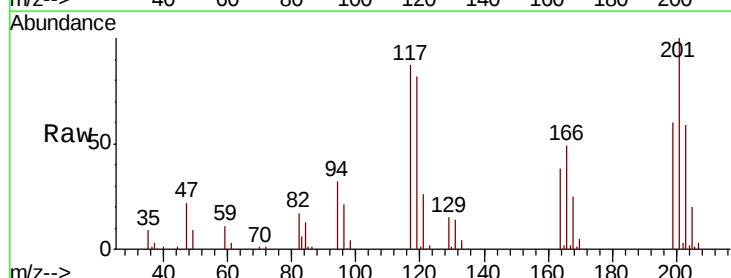
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

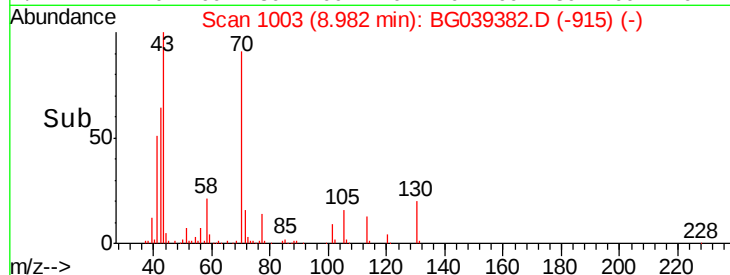
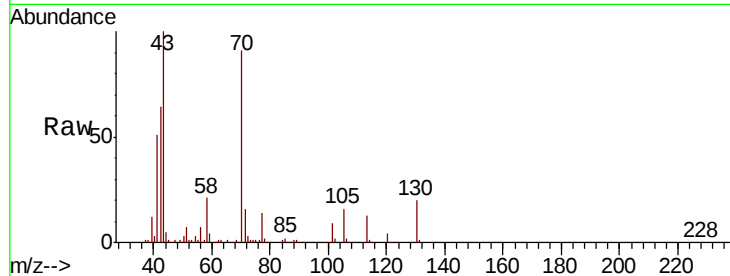
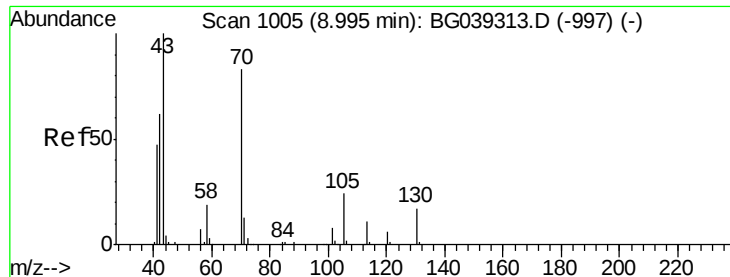
Tot Ion	Ratio	Lower	Upper
107	100		
108	107.2	90.8	136.2
77	46.8	40.7	61.1
79	47.2	40.6	60.8



#18
Hexachloroethane
Concen: 42.234 ng
RT: 9.26 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	76.3	114.5
201	114.5	91.1	136.7

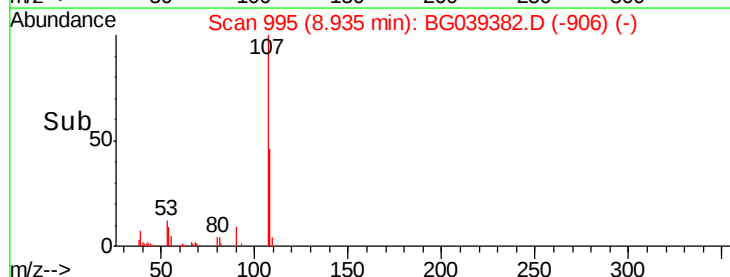
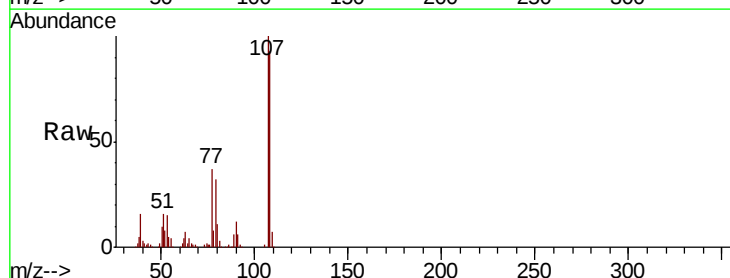
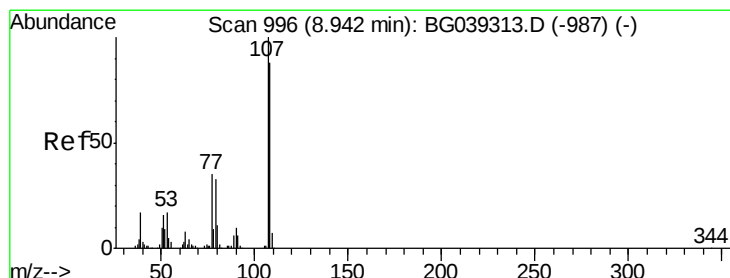
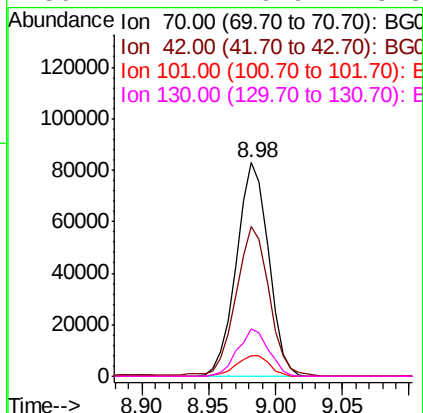




#19
n-Nitroso-di-n-propylamine
Concen: 39.107 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

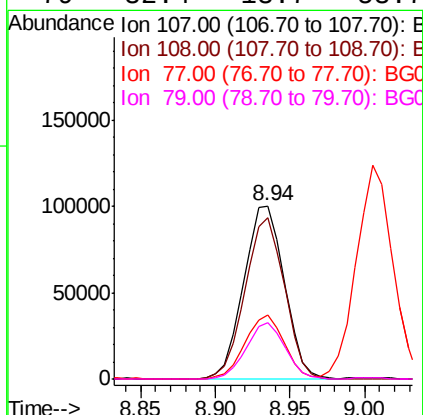
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

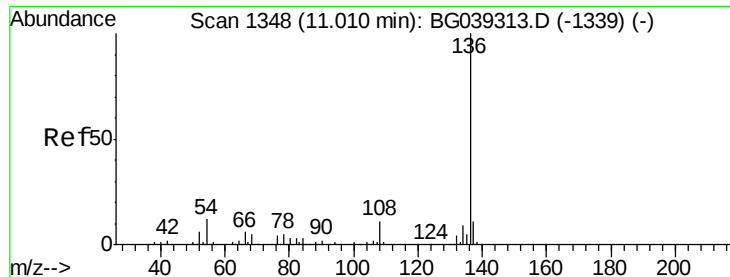
Tot Ion:	70	Resp:	138029
Ion	Ratio	Lower	Upper
70	100		
42	70.1	60.4	90.6
101	9.6	7.5	11.3
130	22.4	16.9	25.3



#20
3+4-Methylphenols
Concen: 40.801 ng
RT: 8.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

Tgt Ion:	107	Resp:	188480
Ion	Ratio	Lower	Upper
107	100		
108	93.4	67.9	107.9
77	37.0	15.4	55.4
79	32.4	13.7	53.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.00 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 250821

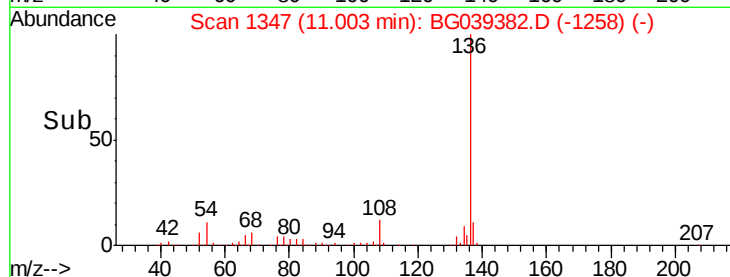
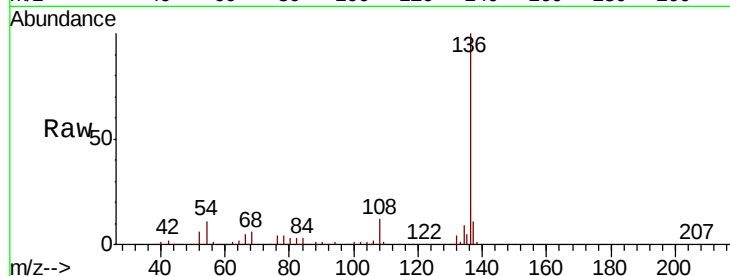
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 11.5 9.4 14.2

68 6.4 4.2 6.4#



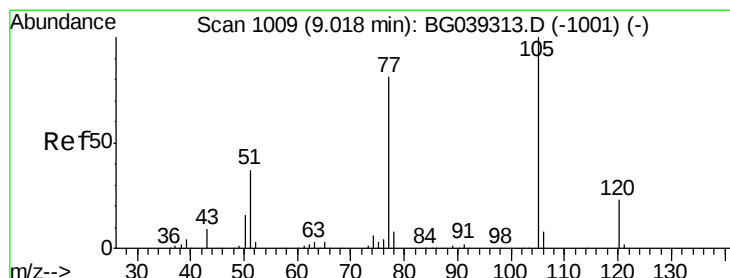
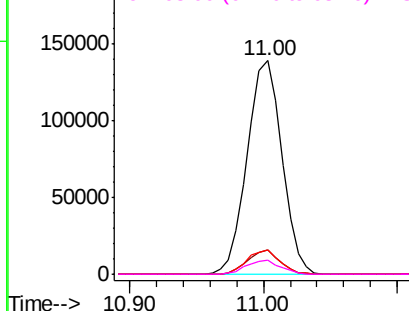
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 39.439 ng

RT: 9.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Tgt Ion:105 Resp: 265716

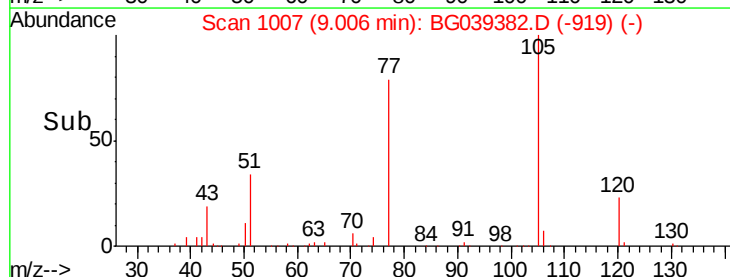
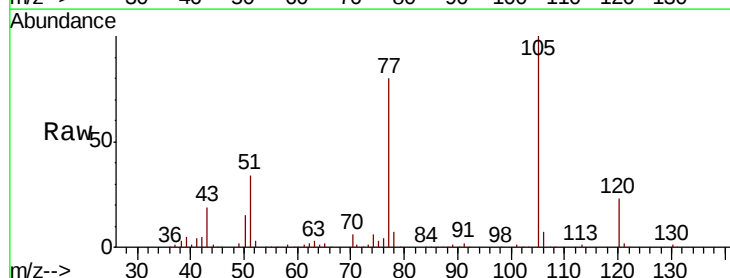
Ion Ratio Lower Upper

105 100

71 1.0 0.8 1.2

51 34.3 30.2 45.2

120 22.6 18.0 27.0



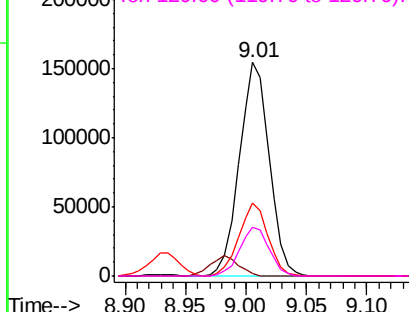
Abundance

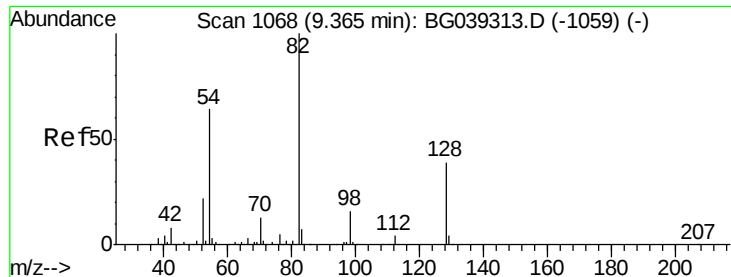
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

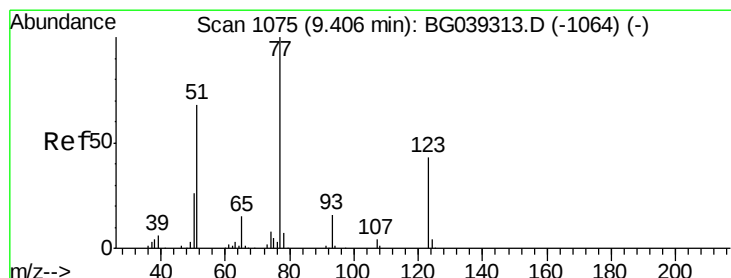
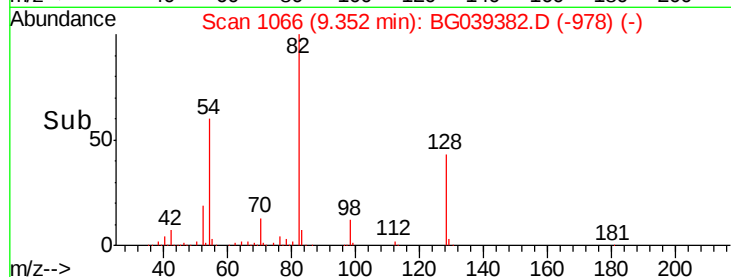
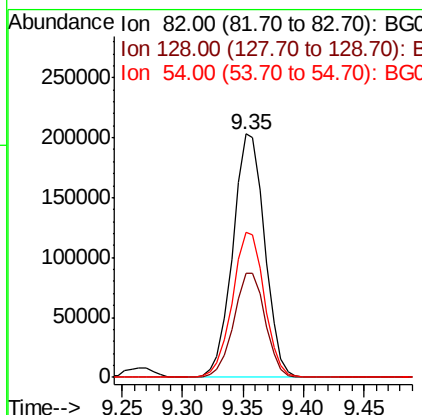
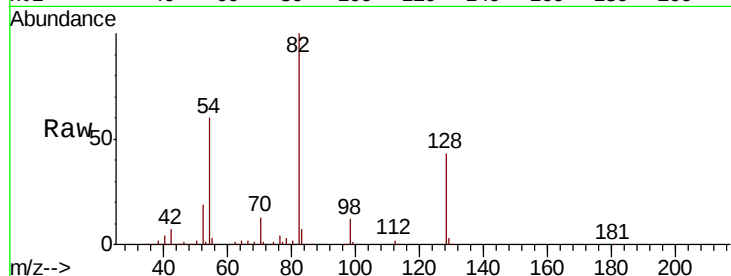




#23
 Nitrobenzene-d5
 Concen: 92.989 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG039382.D
 Acq: 7 Feb 2019 14:37

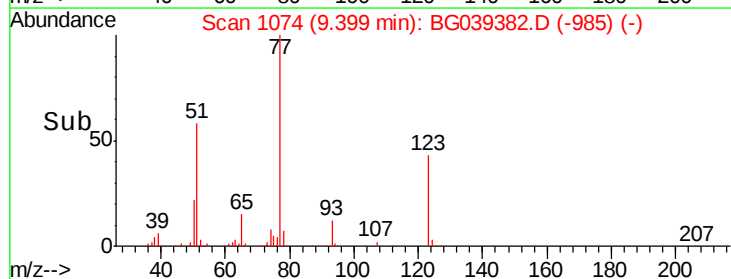
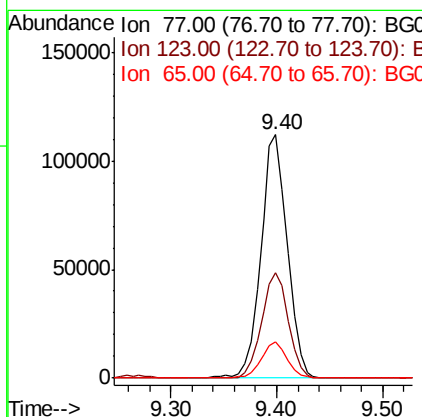
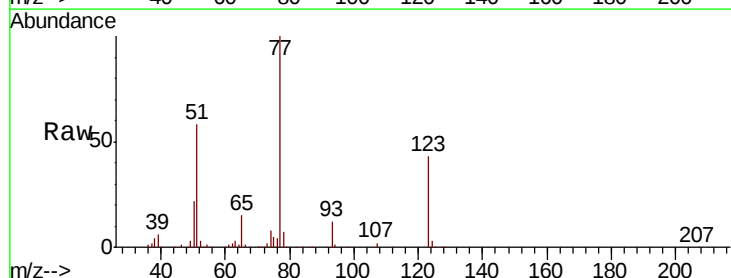
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

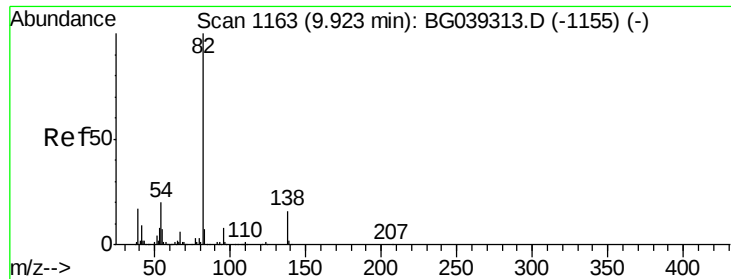
Tot Ion	82	Resp	373349
Ion Ratio	Lower	Upper	
82	100		
128	42.7	31.3	46.9
54	59.5	50.9	76.3



#24
 Nitrobenzene
 Concen: 44.613 ng
 RT: 9.40 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: BG039382.D
 Acq: 7 Feb 2019 14:37

Tgt Ion	77	Resp	193508
Ion Ratio	Lower	Upper	
77	100		
123	43.1	34.1	51.1
65	14.6	12.3	18.5





#25

Isophorone

Concen: 37.346 ng

RT: 9.92 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

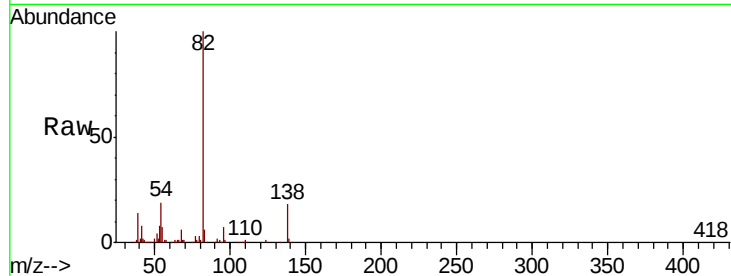
Tot Ion: 82 Resp: 332272

Ion Ratio Lower Upper

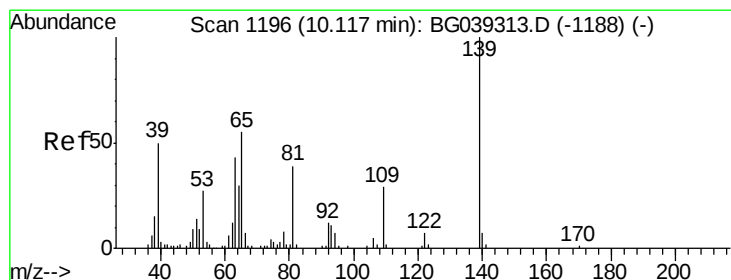
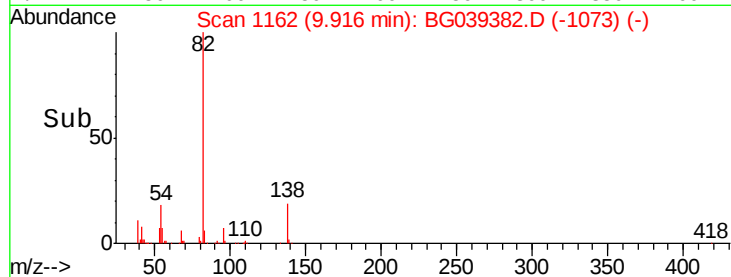
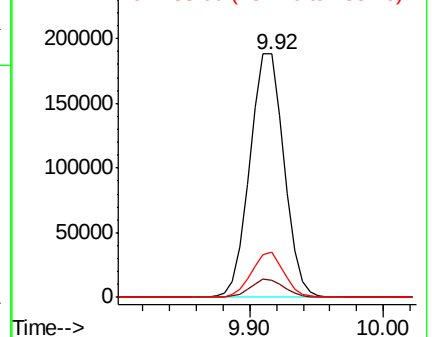
82 100

95 7.1 6.2 9.2

138 18.4 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: 49.962 ng

RT: 10.10 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

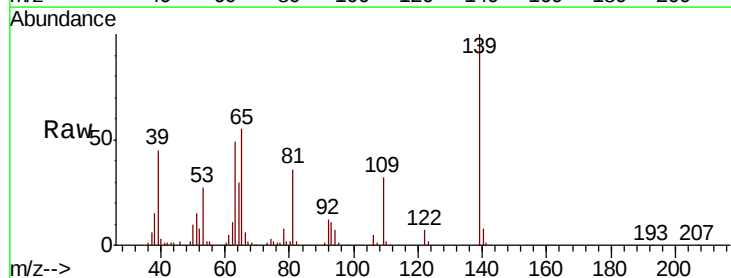
Tgt Ion: 139 Resp: 85936

Ion Ratio Lower Upper

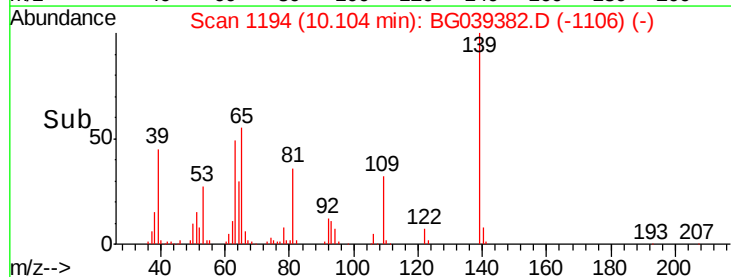
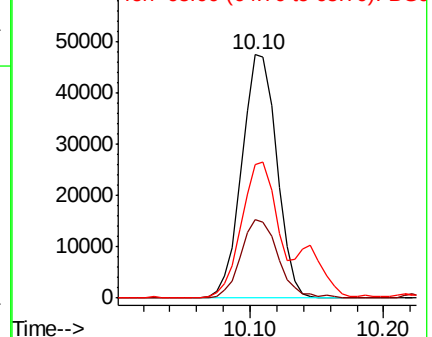
139 100

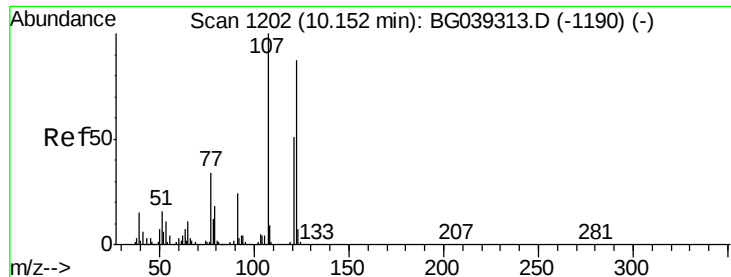
109 32.1 23.4 35.0

65 54.6 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: 40.178 ng

RT: 10.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

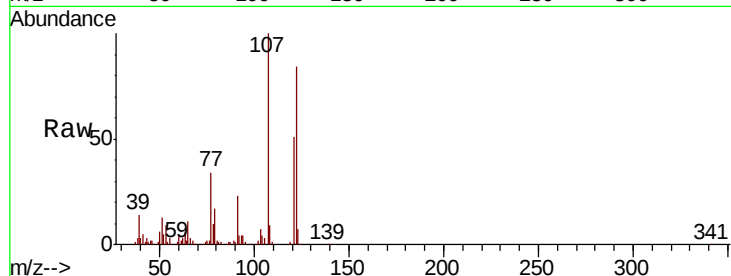
Tot Ion:122 Resp: 144604

Ion Ratio Lower Upper

122 100

107 118.7 91.7 137.5

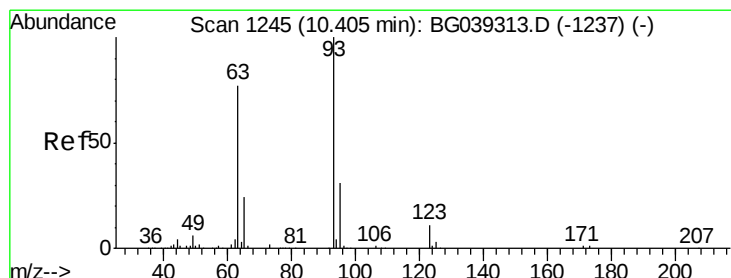
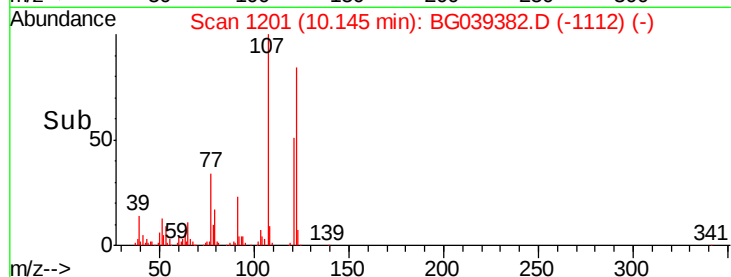
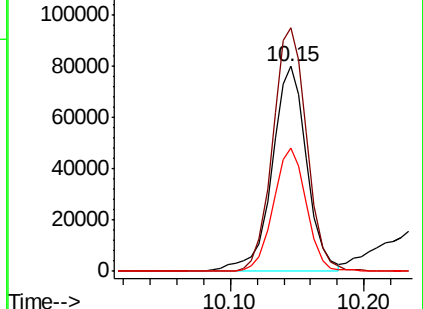
121 60.0 46.4 69.6



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: 39.995 ng

RT: 10.39 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

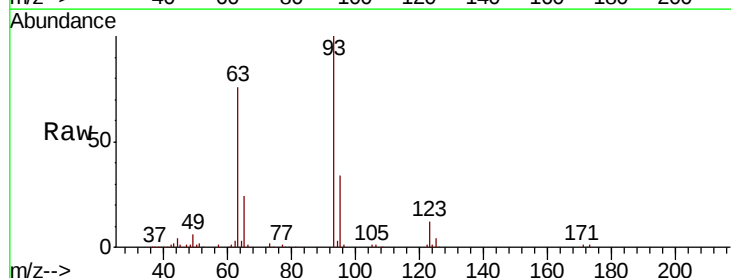
Tgt Ion: 93 Resp: 219177

Ion Ratio Lower Upper

93 100

95 33.8 25.0 37.4

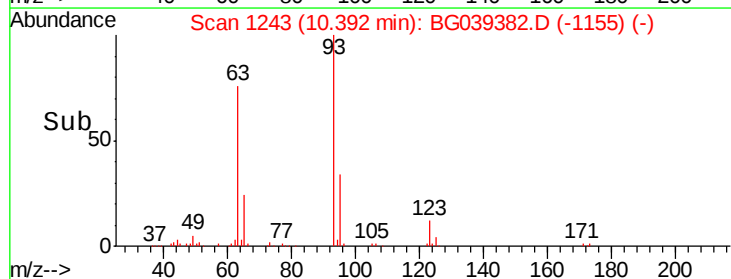
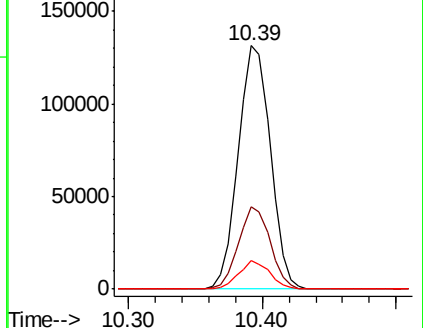
123 11.8 8.6 12.8



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

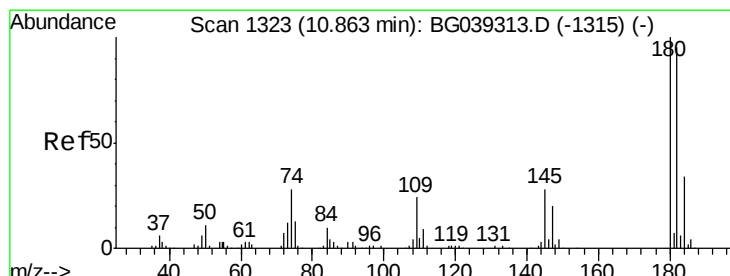
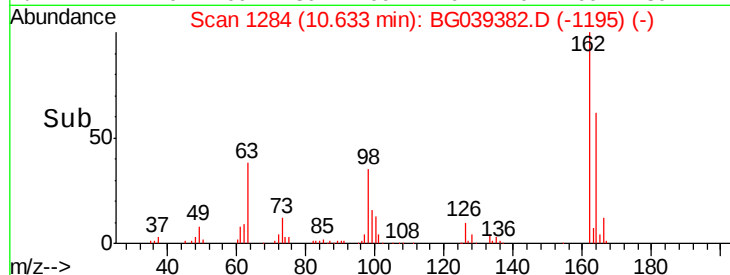
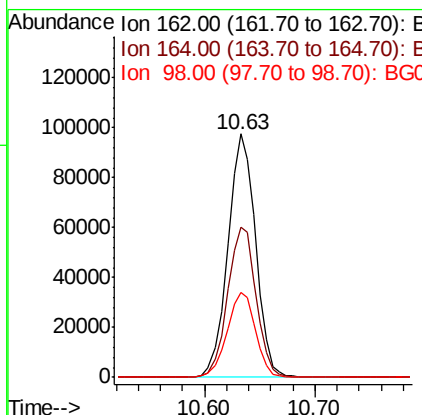
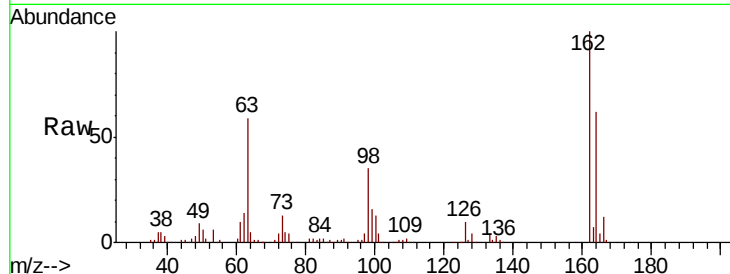




#29
 2,4-Dichlorophenol
 Concen: 43.455 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BG039382.D
 Acq: 7 Feb 2019 14:37

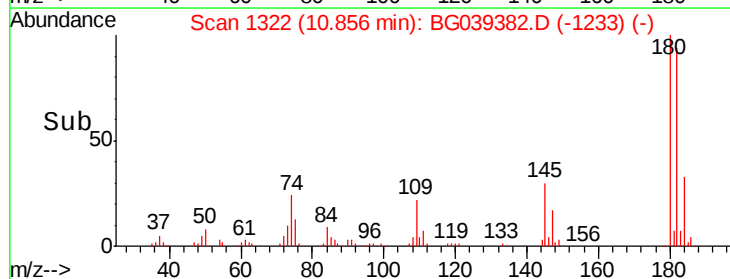
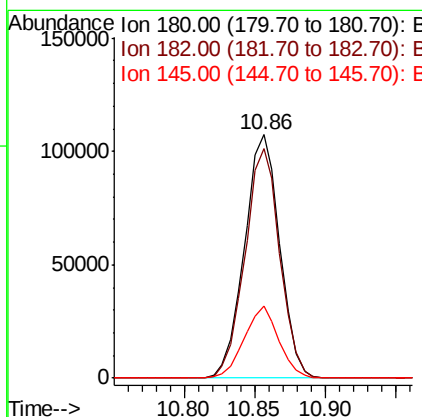
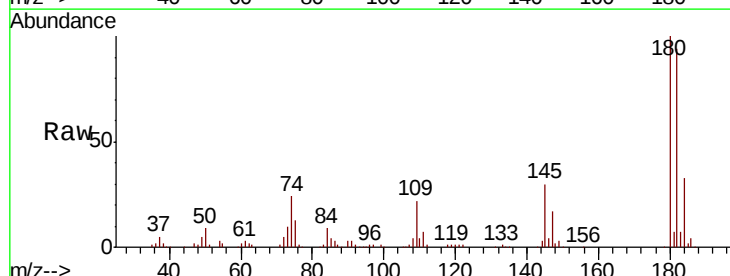
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

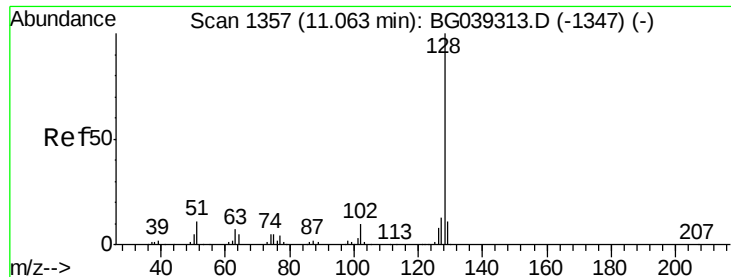
Tot Ion:162 Resp: 170935
 Ion Ratio Lower Upper
 162 100
 164 61.9 48.1 88.1
 98 34.7 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.446 ng
 RT: 10.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BG039382.D
 Acq: 7 Feb 2019 14:37

Tgt Ion:180 Resp: 187450
 Ion Ratio Lower Upper
 180 100
 182 94.3 76.0 114.0
 145 29.6 22.7 34.1

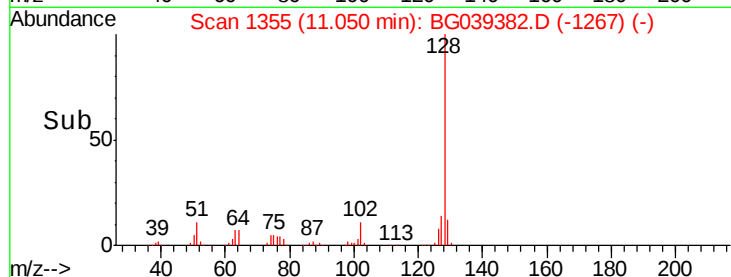
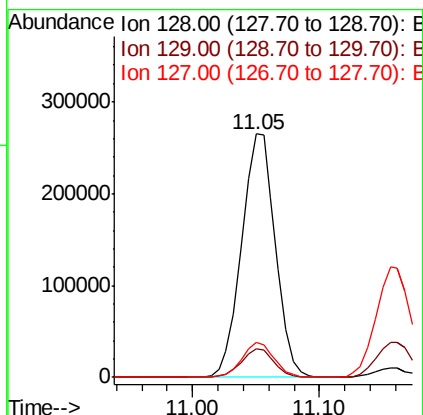
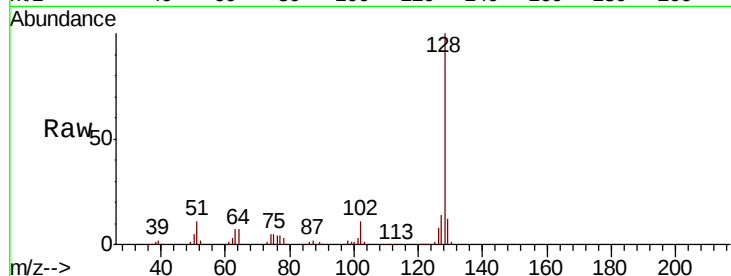




#31
Naphthalene
Concen: 39.190 ng
RT: 11.05 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

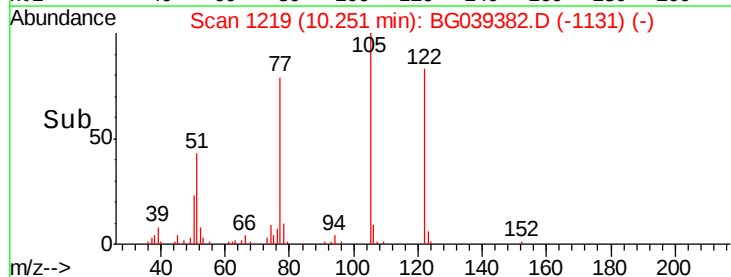
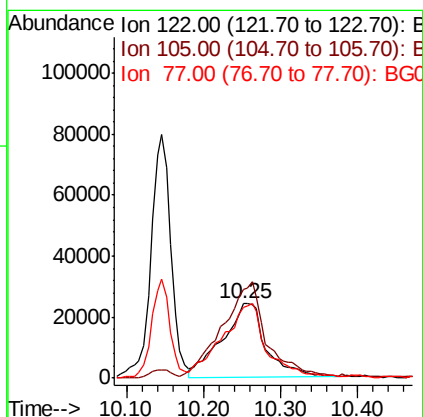
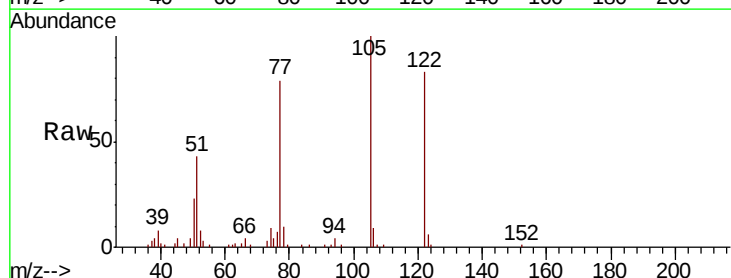
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 487643
Ion Ratio Lower Upper
128 100
129 11.7 8.7 13.1
127 14.4 10.8 16.2



#32
Benzoic acid
Concen: 41.714 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

Tgt Ion:122 Resp: 94881
Ion Ratio Lower Upper
122 100
105 120.0 101.8 141.8
77 94.6 76.3 116.3

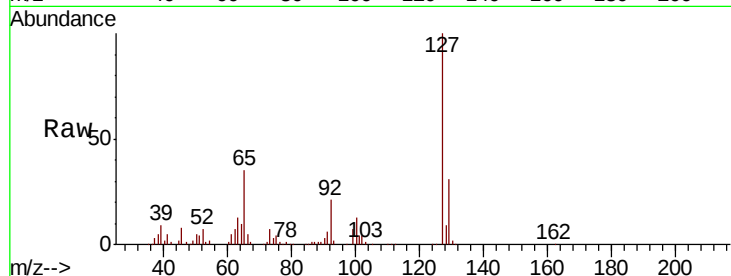




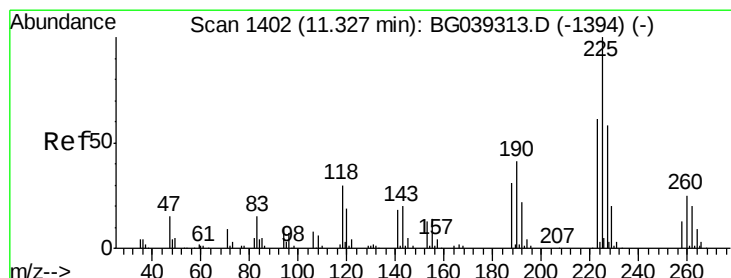
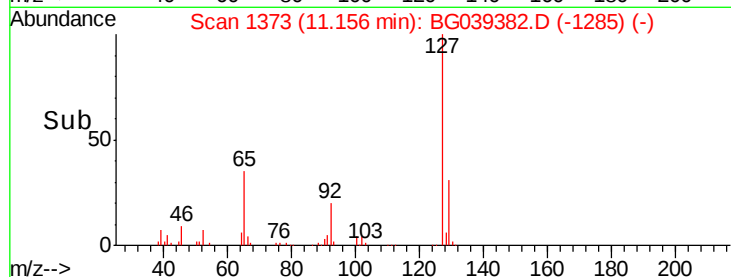
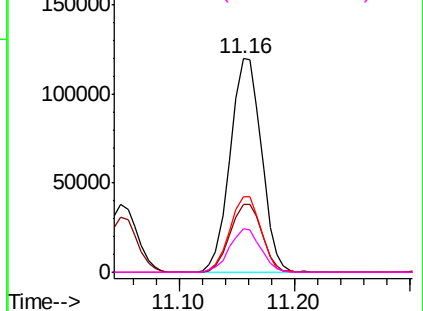
#33
4-Chloroaniline
Concen: 39.161 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	225936
Ion	Ratio	Lower	Upper
127	100		
129	31.5	27.0	40.4
65	35.1	28.8	43.2
92	20.6	16.6	25.0

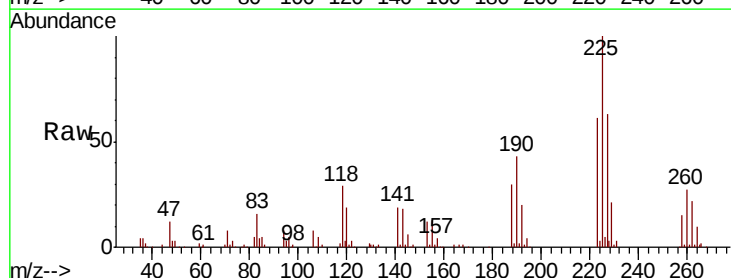


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

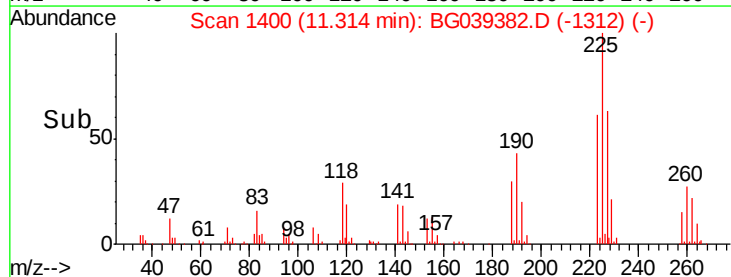
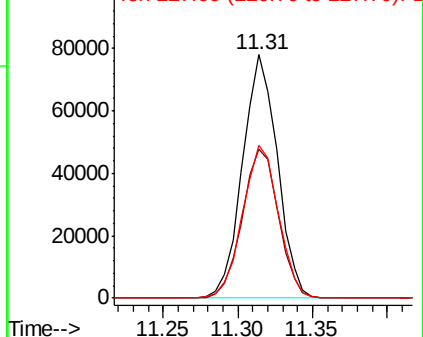


#34
Hexachlorobutadiene
Concen: 42.895 ng
RT: 11.31 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

Tgt Ion:	225	Resp:	125979
Ion	Ratio	Lower	Upper
225	100		
223	61.0	49.0	73.6
227	62.9	46.3	69.5



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





#35

Caprolactam

Concen: 40.325 ng

RT: 11.95 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

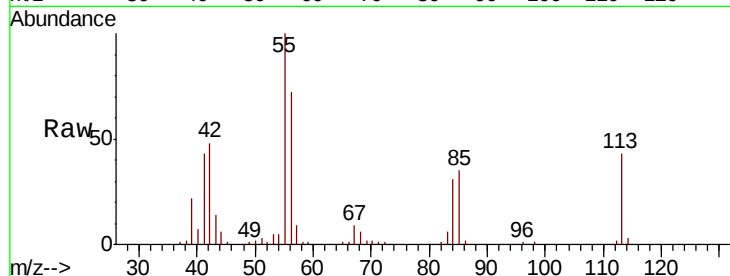
Tot Ion:113 Resp: 65639

Ion Ratio Lower Upper

113 100

55 232.3 216.9 256.9

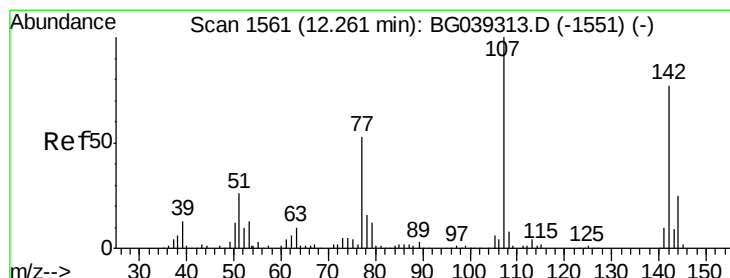
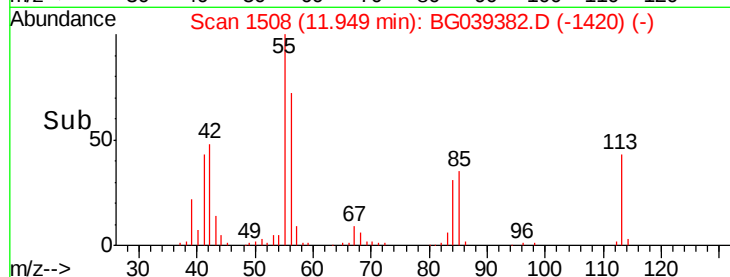
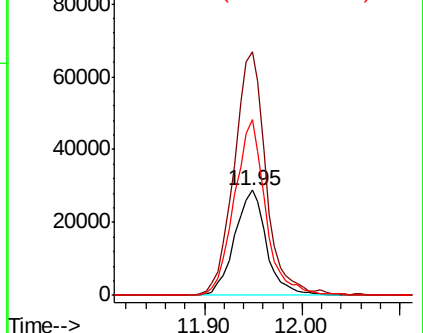
56 167.4 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 39.892 ng

RT: 12.25 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

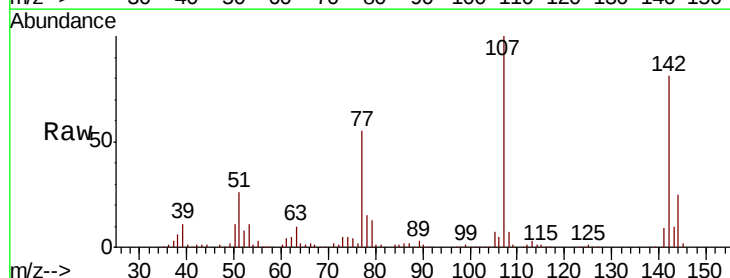
Tgt Ion:107 Resp: 181477

Ion Ratio Lower Upper

107 100

144 25.3 20.2 30.2

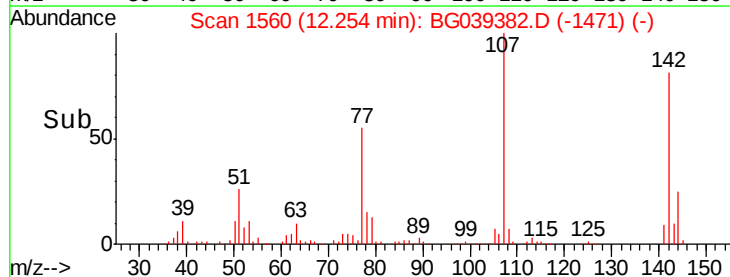
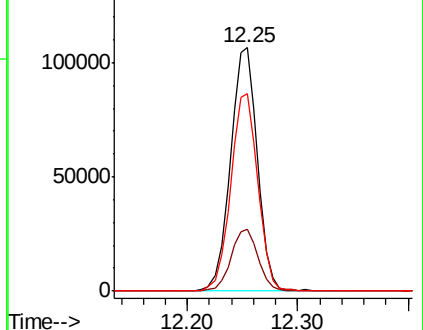
142 81.2 61.4 92.2

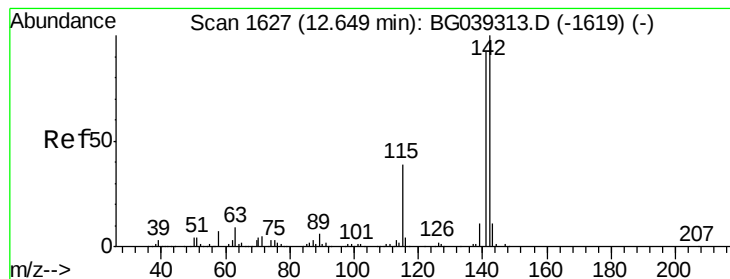


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.769 ng

RT: 12.64 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

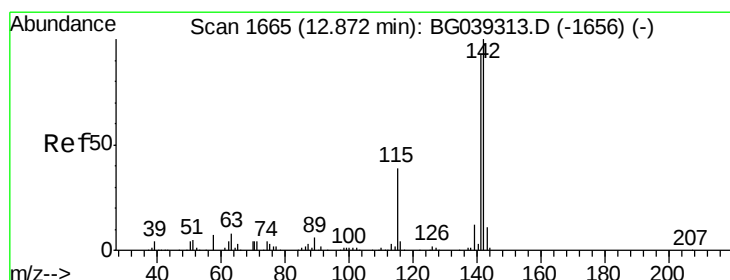
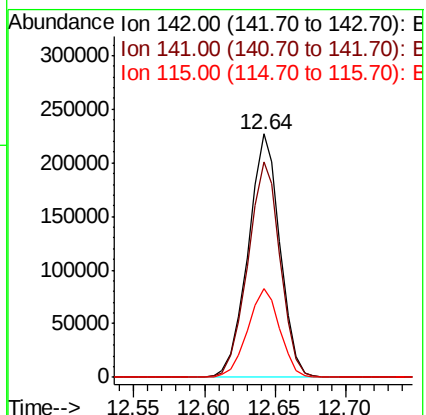
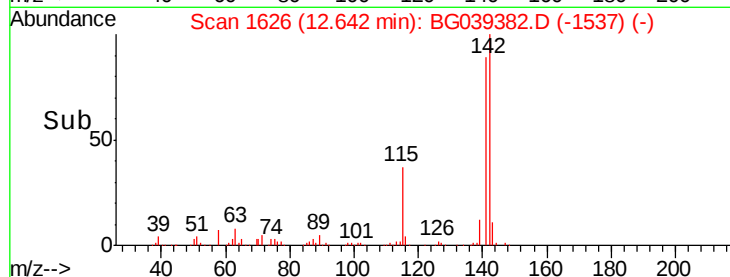
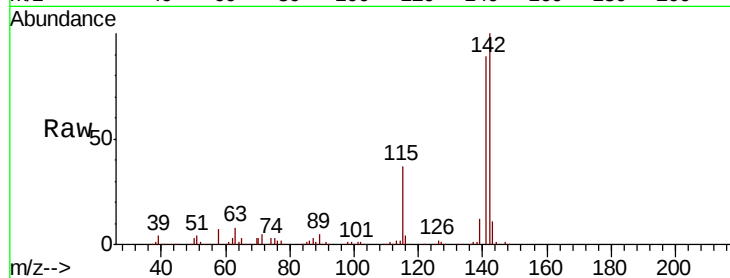
Tot Ion:142 Resp: 357300

Ion Ratio Lower Upper

142 100

141 88.7 73.5 110.3

115 36.6 30.8 46.2



#38

1-Methylnaphthalene

Concen: 39.036 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

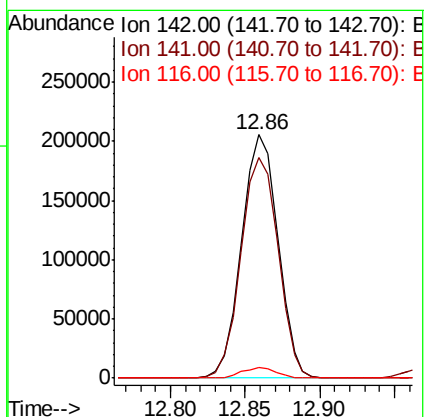
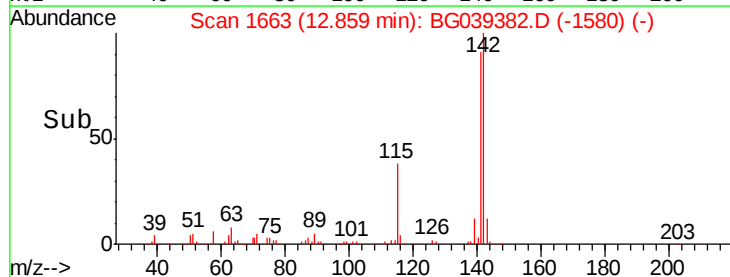
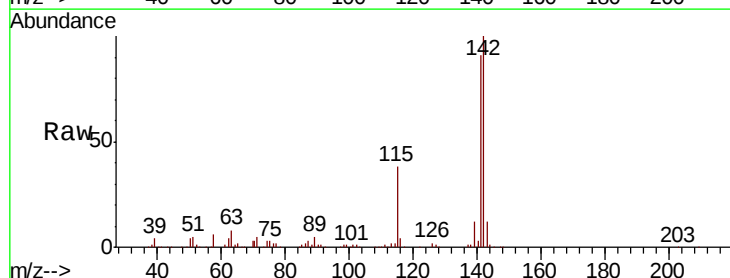
Tgt Ion:142 Resp: 346789

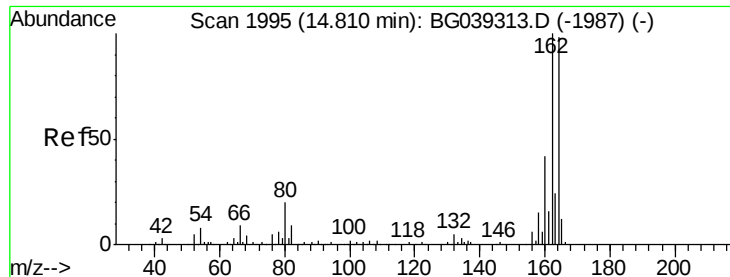
Ion Ratio Lower Upper

142 100

141 90.6 74.2 111.4

116 4.2 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

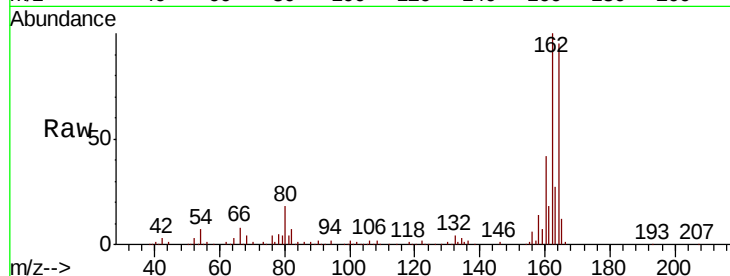
Tot Ion:164 Resp: 162193

Ion Ratio Lower Upper

164 100

162 105.0 81.6 122.4

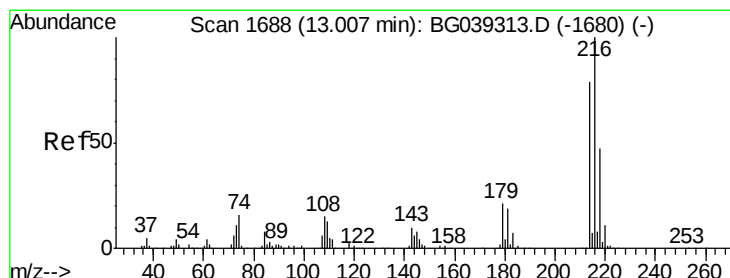
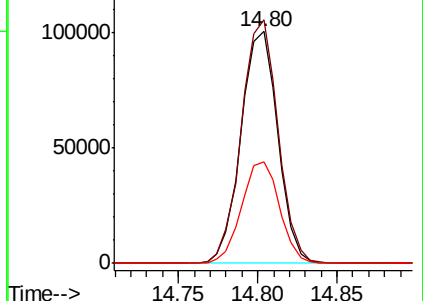
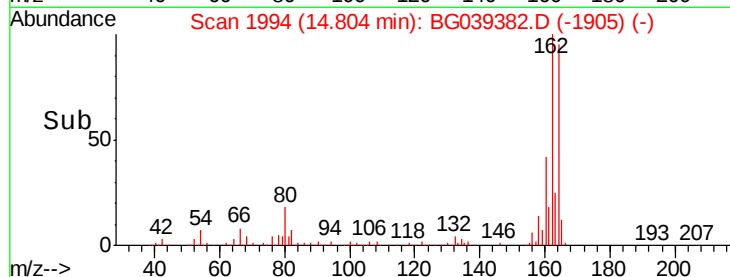
160 43.9 34.2 51.2



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: 42.542 ng

RT: 13.00 min Scan# 1687

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Tgt Ion:216 Resp: 219539

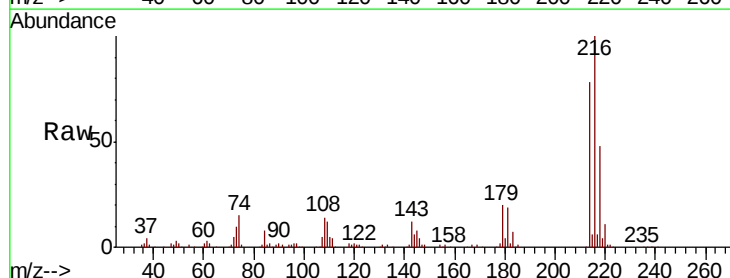
Ion Ratio Lower Upper

216 100

214 79.7 62.6 94.0

179 20.6 16.6 25.0

108 16.2 14.0 21.0

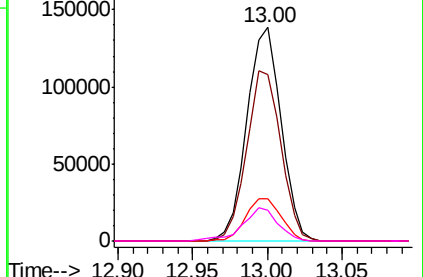
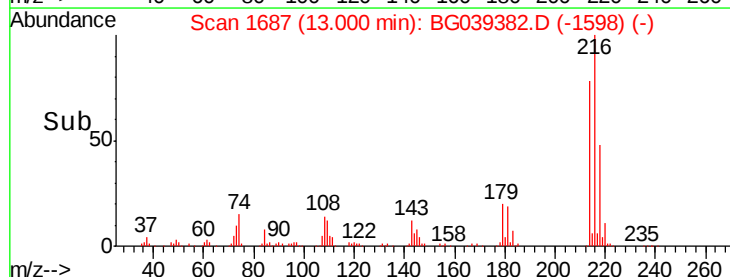


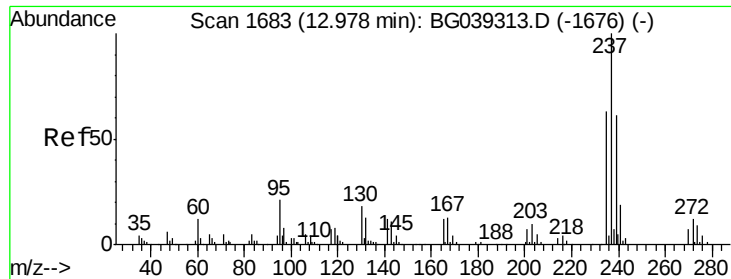
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 40.600 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

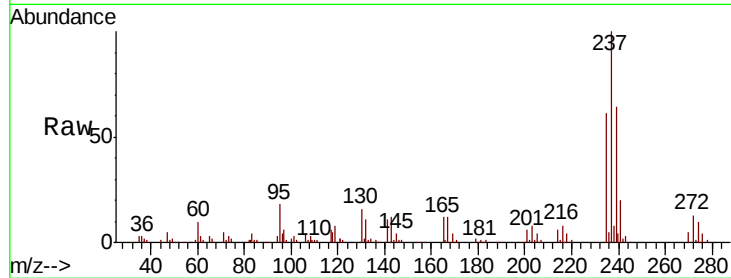
Tot Ion:237 Resp: 114168

Ion Ratio Lower Upper

237 100

235 61.0 43.3 83.3

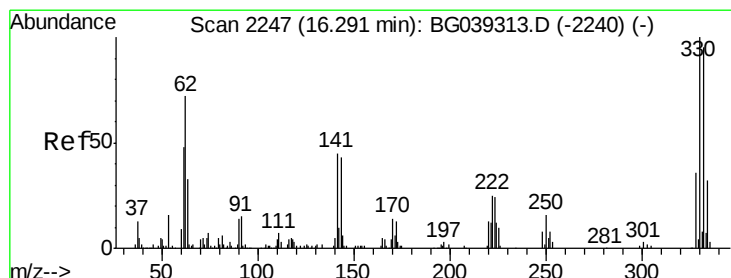
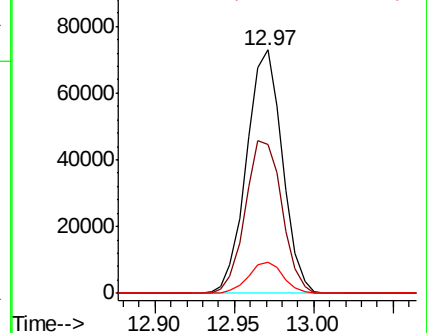
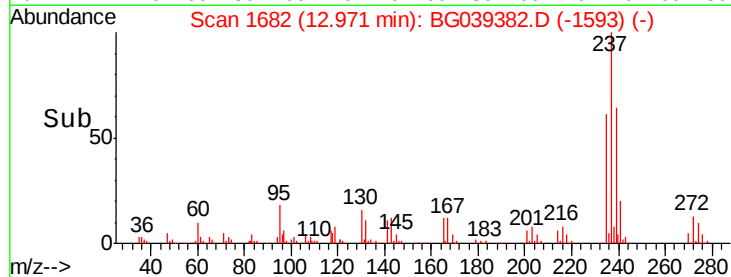
272 12.9 0.0 32.3



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: 88.072 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

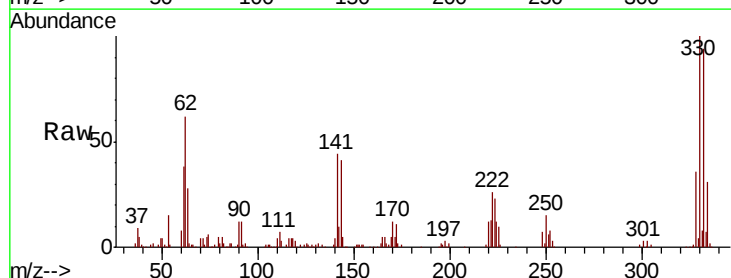
Tgt Ion:330 Resp: 153822

Ion Ratio Lower Upper

330 100

332 95.2 75.7 113.5

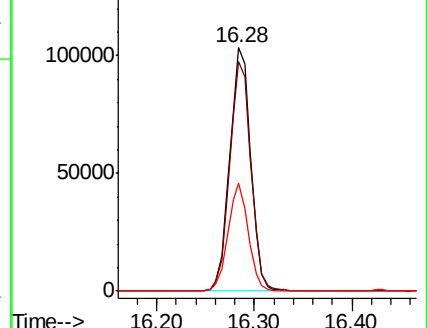
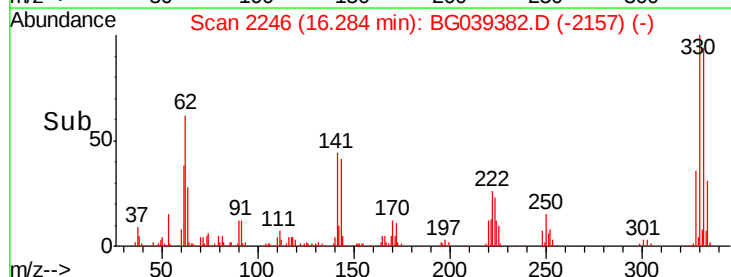
141 42.5 35.6 53.4



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

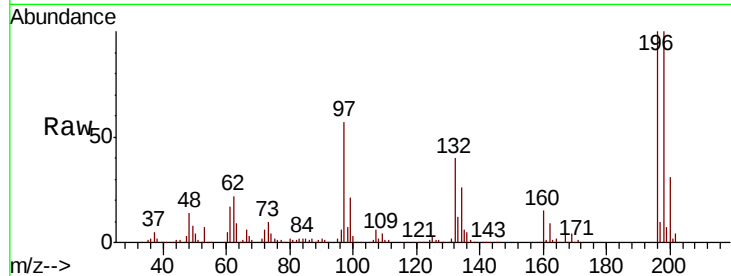




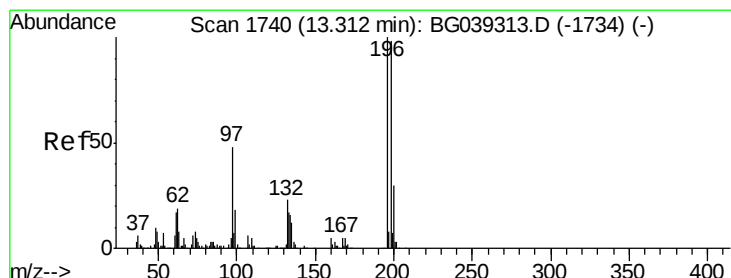
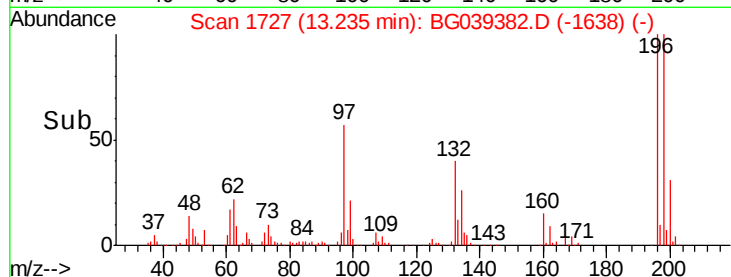
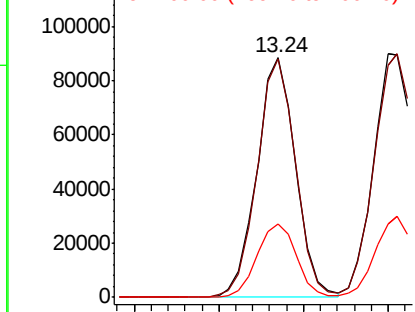
#43
 2,4,6-Trichlorophenol
 Concen: 44.323 ng
 RT: 13.24 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BG039382.D
 Acq: 7 Feb 2019 14:37

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 140634
 Ion Ratio Lower Upper
 196 100
 198 99.8 80.6 121.0
 200 30.7 26.1 39.1

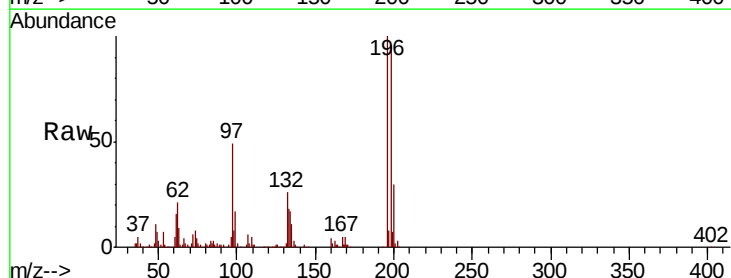


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

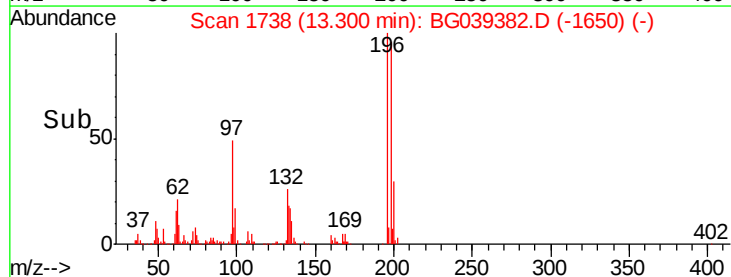
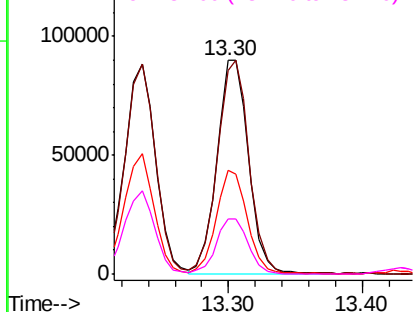


#44
 2,4,5-Trichlorophenol
 Concen: 44.852 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG039382.D
 Acq: 7 Feb 2019 14:37

Tgt Ion:196 Resp: 149157
 Ion Ratio Lower Upper
 196 100
 198 95.5 78.5 117.7
 97 48.7 38.4 57.6
 132 25.9 19.2 28.8



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

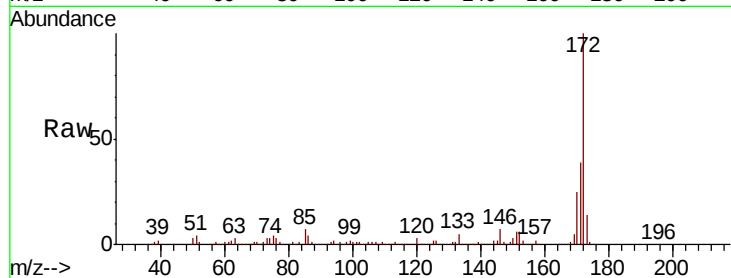




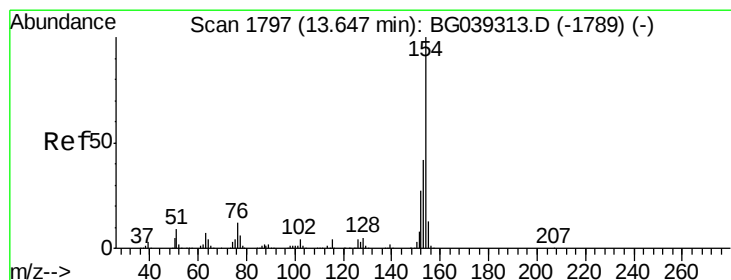
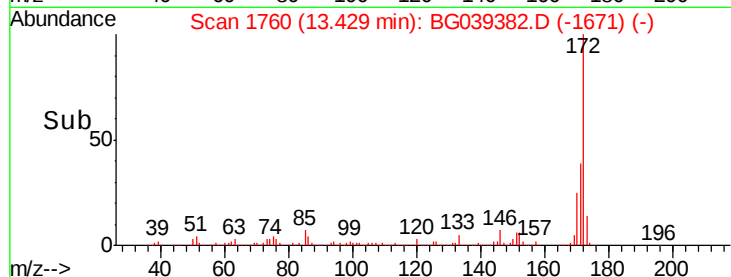
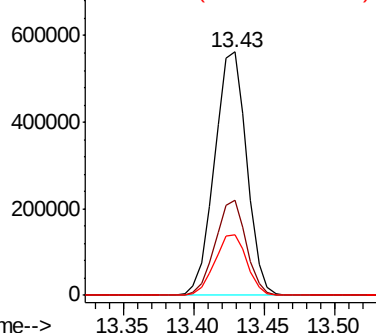
#45
 2-Fluorobiphenyl
 Concen: 79.374 ng
 RT: 13.43 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BG039382.D
 Acq: 7 Feb 2019 14:37

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.0	30.8	46.2
170	25.0	20.2	30.4

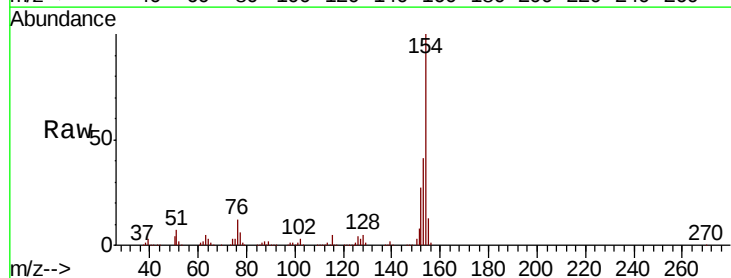


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

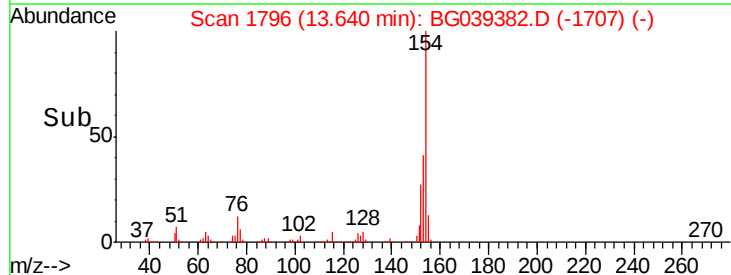
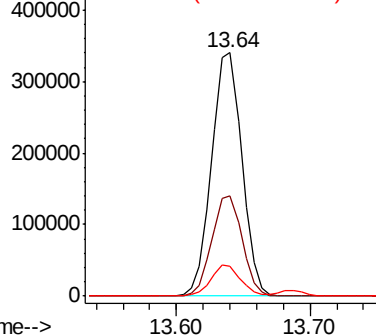


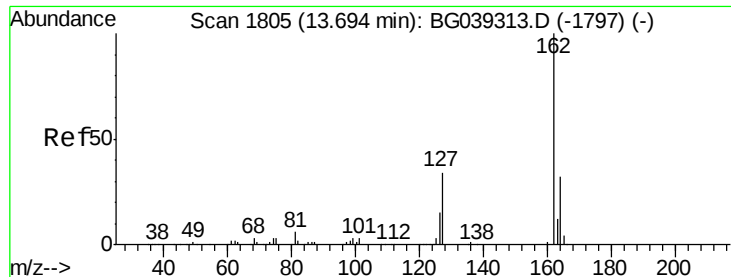
#46
 1,1'-Biphenyl
 Concen: 39.478 ng
 RT: 13.64 min Scan# 1796
 Delta R.T. -0.01 min
 Lab File: BG039382.D
 Acq: 7 Feb 2019 14:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	22.1	62.1
76	12.0	0.0	32.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG

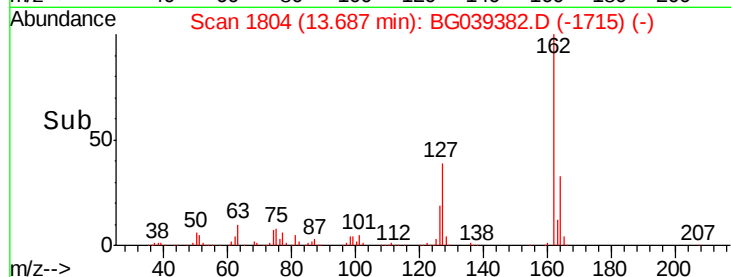
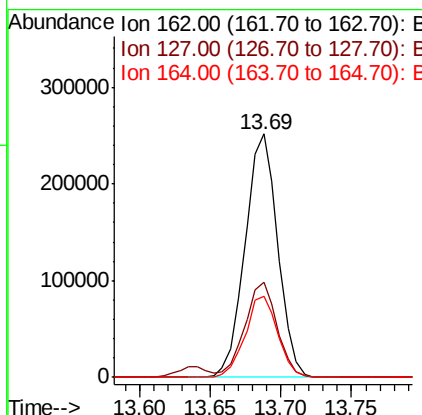
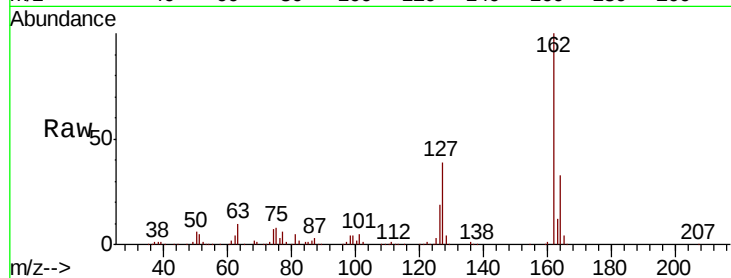




#47
2-Chloronaphthalene
Concen: 40.056 ng
RT: 13.69 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

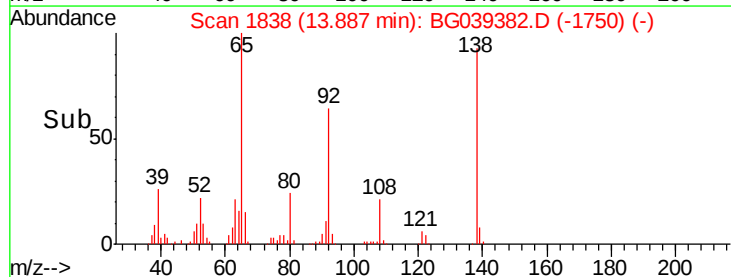
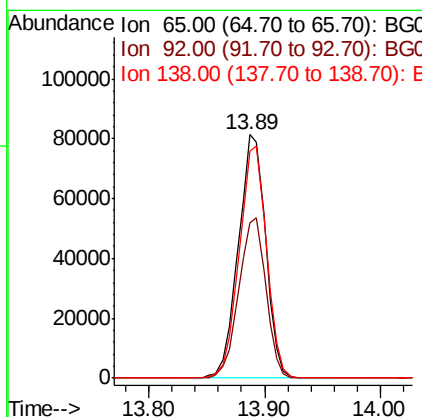
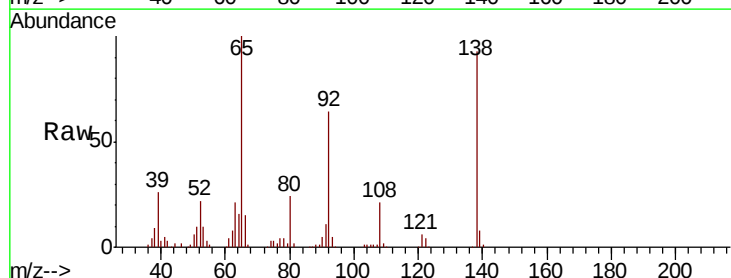
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

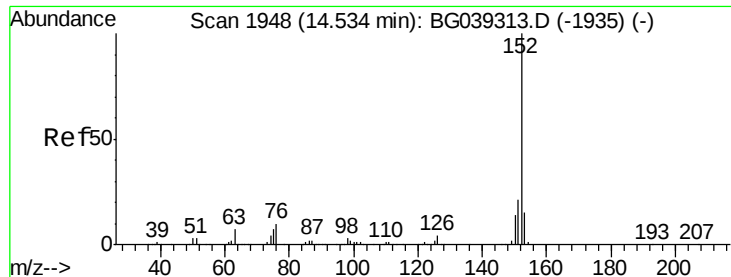
Tot Ion:162 Resp: 406644
Ion Ratio Lower Upper
162 100
127 39.3 31.0 46.6
164 33.4 25.7 38.5



#48
2-Nitroaniline
Concen: 46.075 ng
RT: 13.89 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

Tgt Ion: 65 Resp: 133194
Ion Ratio Lower Upper
65 100
92 64.0 51.4 77.2
138 93.0 71.4 107.2





#49

Acenaphthylene

Concen: 39.481 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

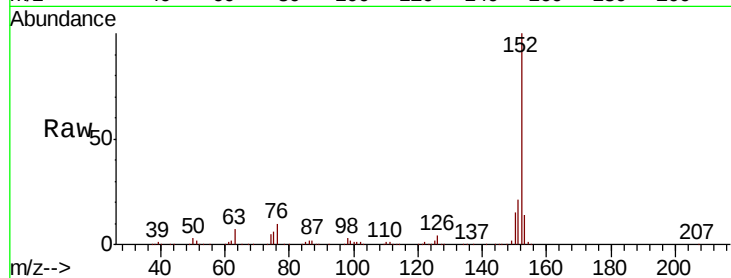
Tot Ion:152 Resp: 604779

Ion Ratio Lower Upper

152 100

151 21.3 16.8 25.2

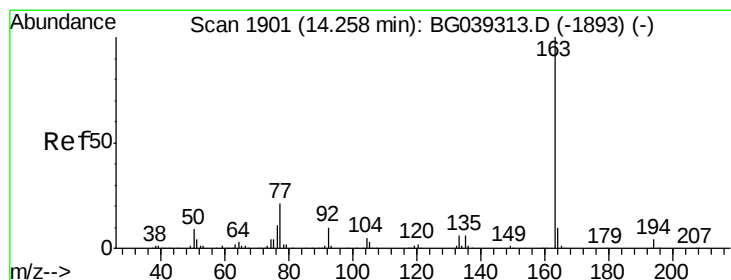
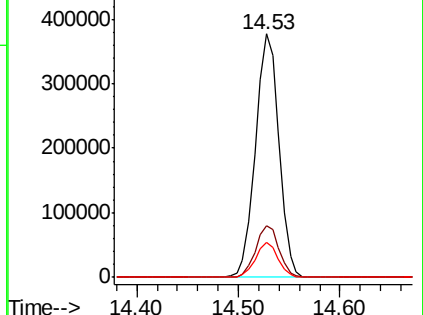
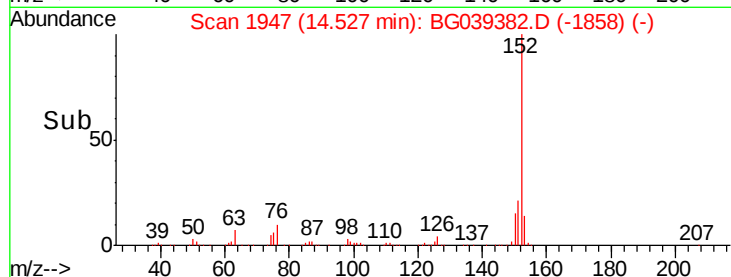
153 14.4 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.851 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

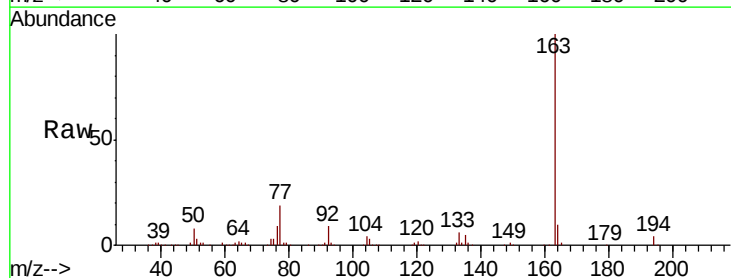
Tgt Ion:163 Resp: 522019

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

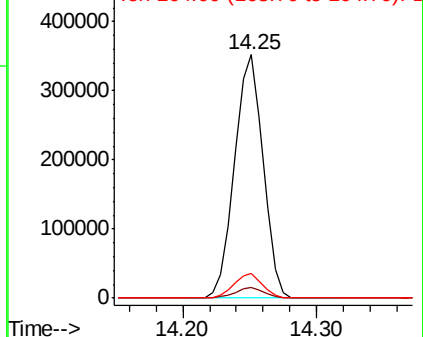
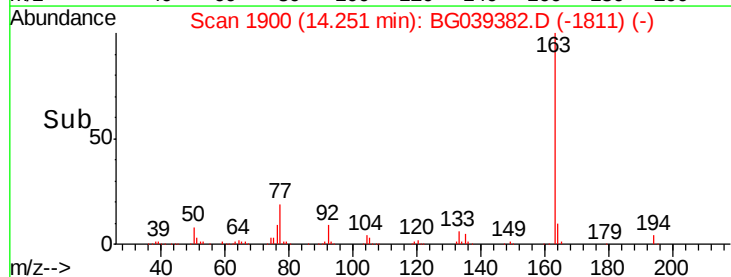
164 10.0 8.4 12.6

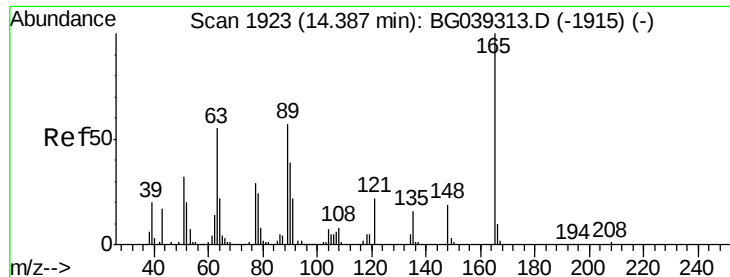


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 46.264 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

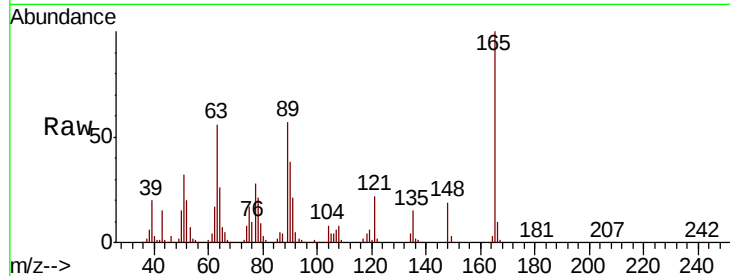
Tot Ion:165 Resp: 112590

Ion Ratio Lower Upper

165 100

63 56.2 47.0 70.6

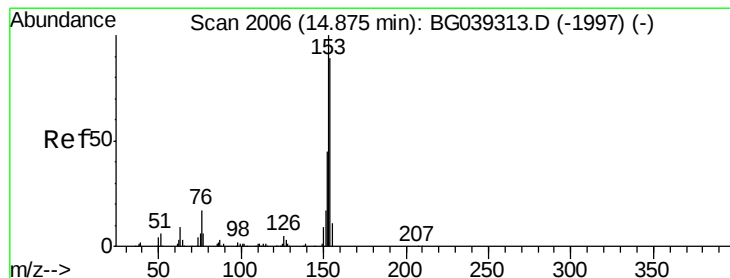
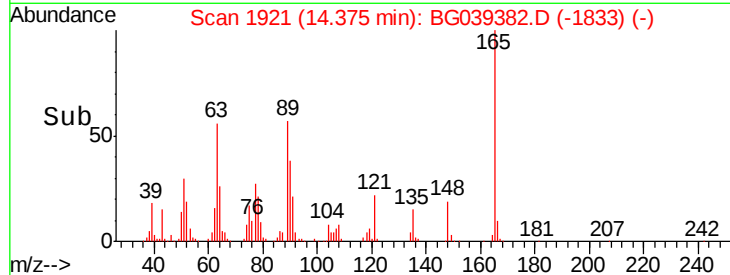
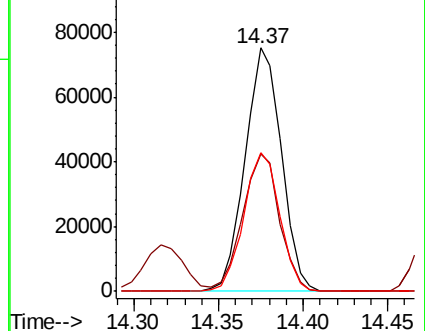
89 57.0 45.8 68.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 38.981 ng

RT: 14.87 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

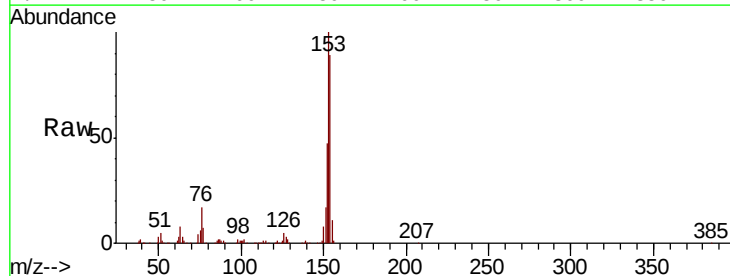
Tgt Ion:154 Resp: 387609

Ion Ratio Lower Upper

154 100

153 112.9 90.1 135.1

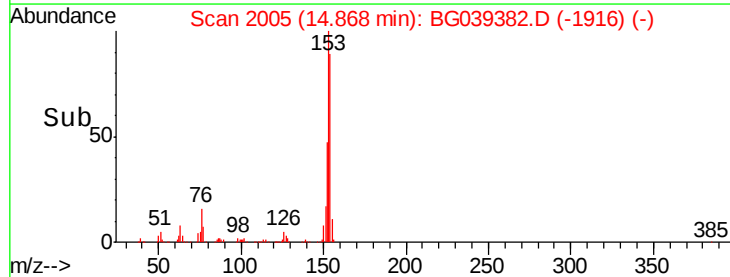
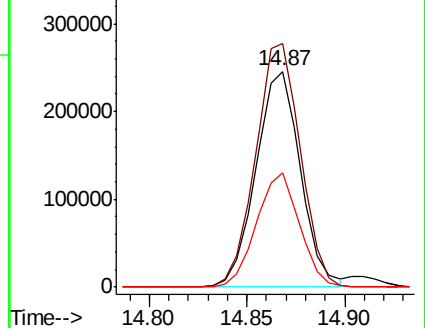
152 52.8 40.9 61.3

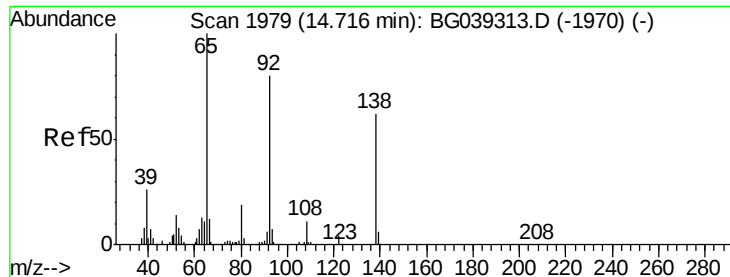


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 45.943 ng

RT: 14.71 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

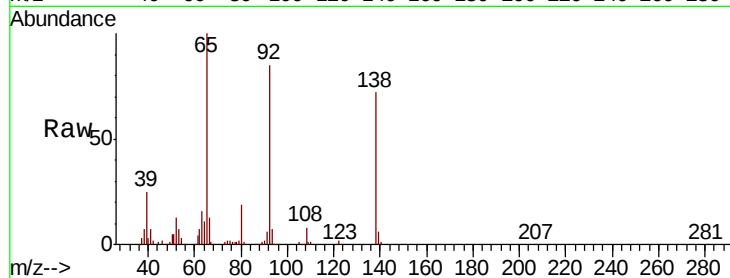
Tot Ion:138 Resp: 120620

Ion Ratio Lower Upper

138 100

108 10.6 13.8 20.8#

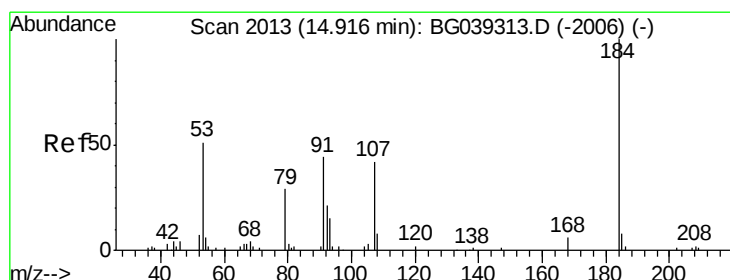
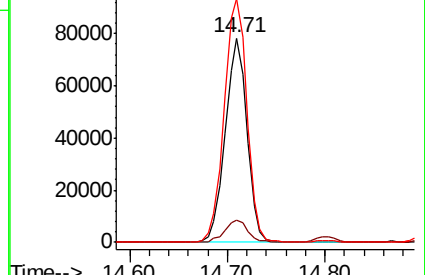
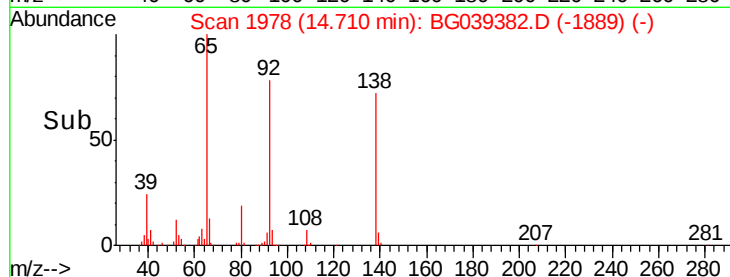
92 119.1 103.7 155.5



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: 41.198 ng

RT: 14.91 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

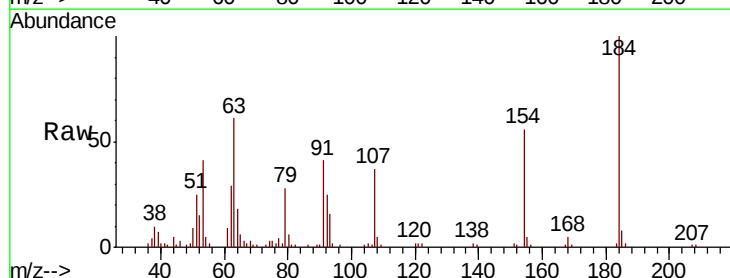
Tgt Ion:184 Resp: 33751

Ion Ratio Lower Upper

184 100

63 60.6 50.9 76.3

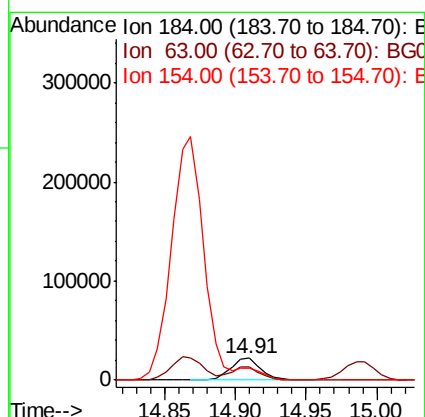
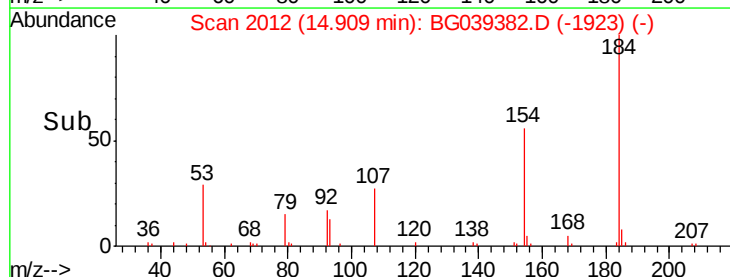
154 55.9 53.0 79.6



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: 39.806 ng

RT: 15.20 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

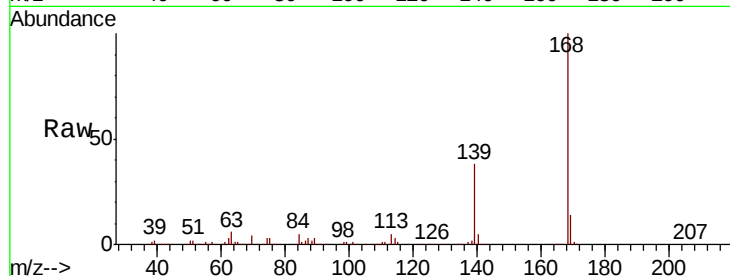
Tot Ion:168 Resp: 634608

Ion Ratio Lower Upper

168 100

139 38.3 30.1 45.1

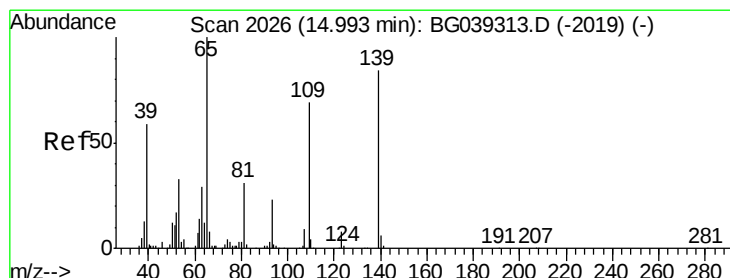
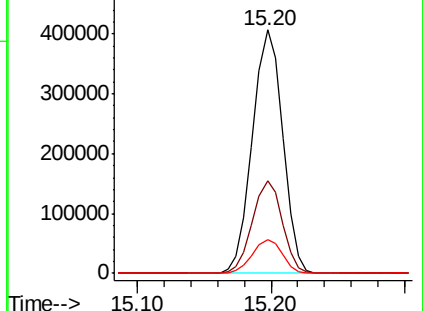
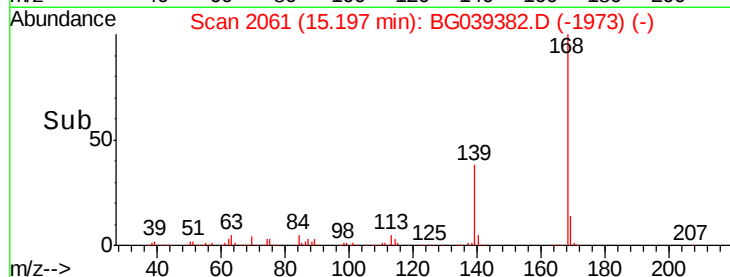
169 13.8 10.6 16.0



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: 43.388 ng

RT: 14.99 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

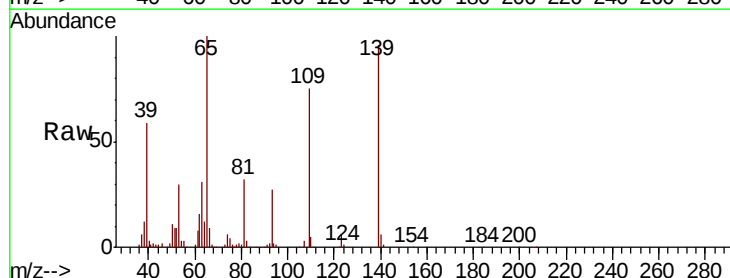
Tgt Ion:139 Resp: 95992

Ion Ratio Lower Upper

139 100

109 78.0 61.9 101.9

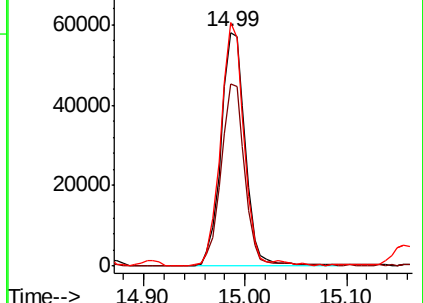
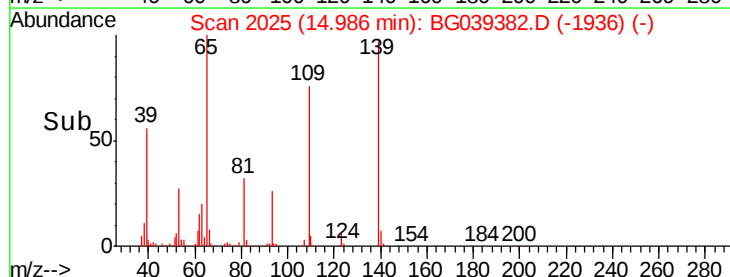
65 104.2 99.1 139.1



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

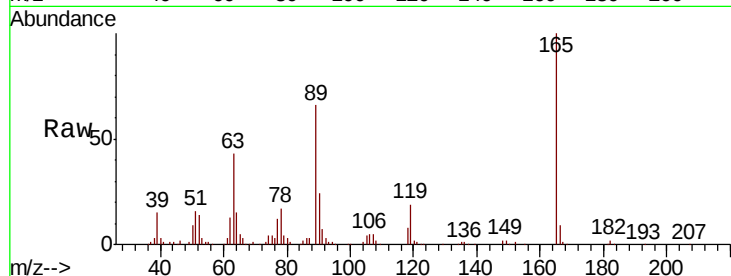




#57
2,4-Dinitrotoluene
Concen: 49.510 ng
RT: 15.16 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.6	41.0	61.6
89	66.2	64.6	96.8
182	2.3	2.0	3.0



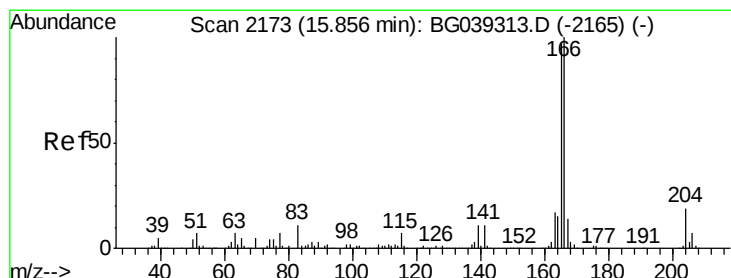
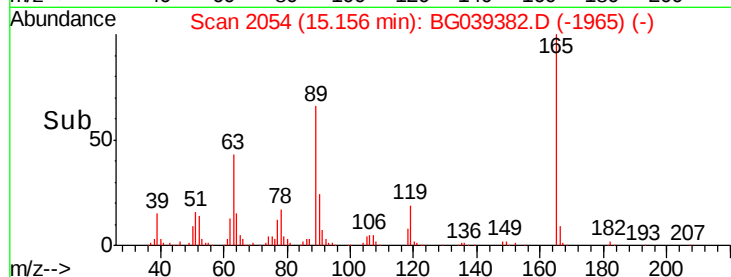
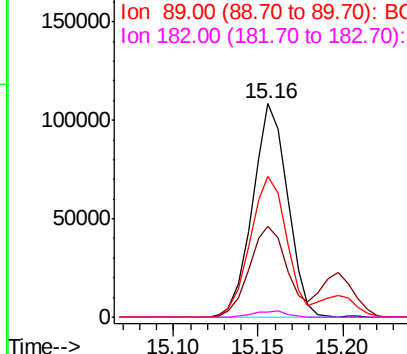
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

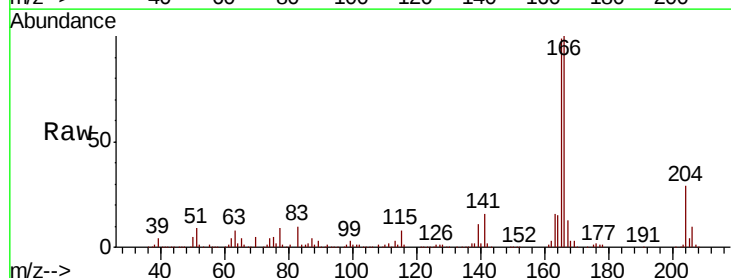
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.297 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.9	116.9
167	13.5	10.8	16.2

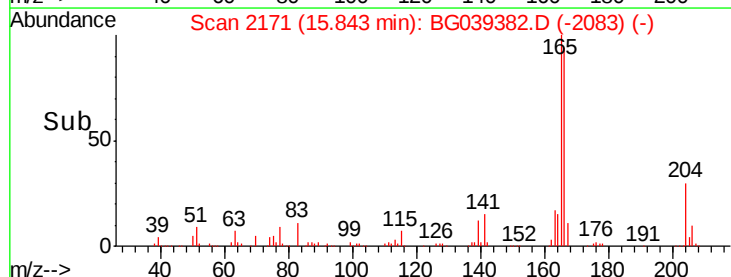
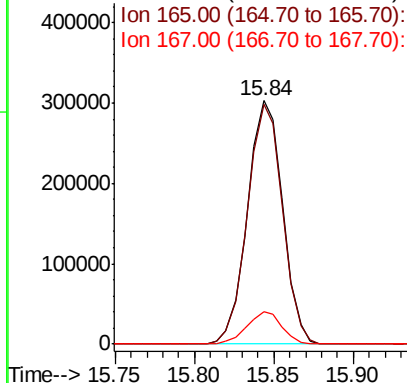


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

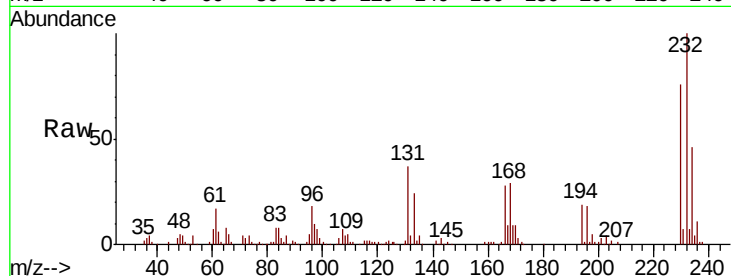




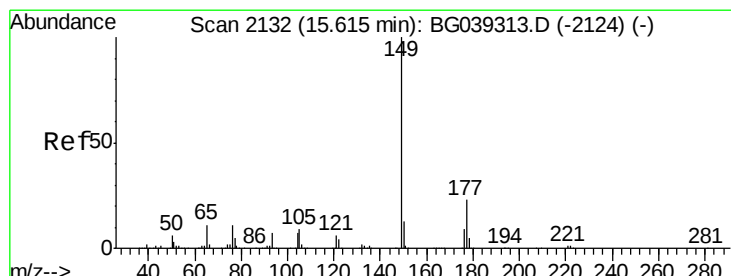
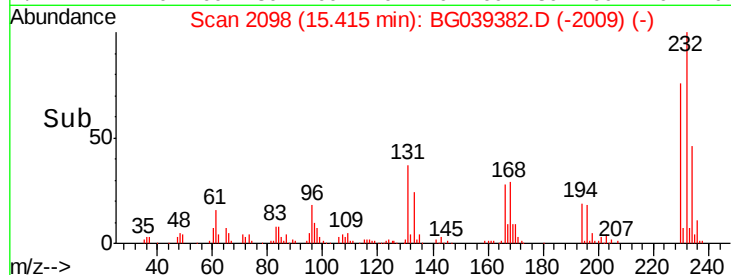
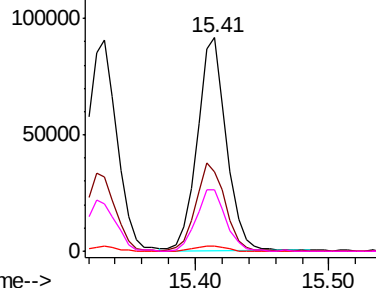
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.719 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG039382.D
 Acq: 7 Feb 2019 14:37

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:	232	Resp:	139241
Ion	Ratio	Lower	Upper
232	100		
131	40.9	34.9	52.3
130	2.4	2.0	3.0
166	29.0	24.1	36.1

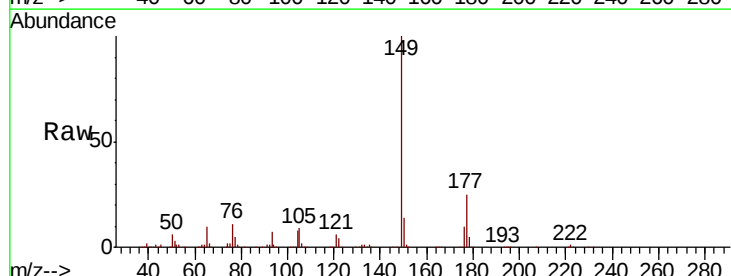


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

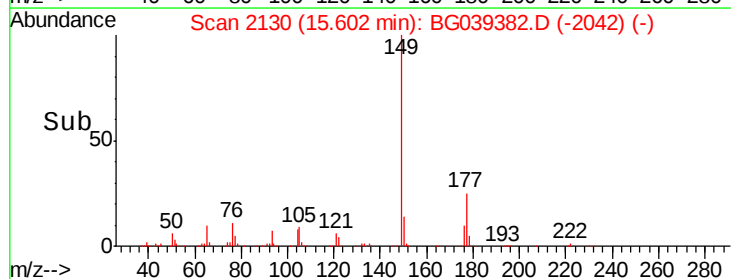
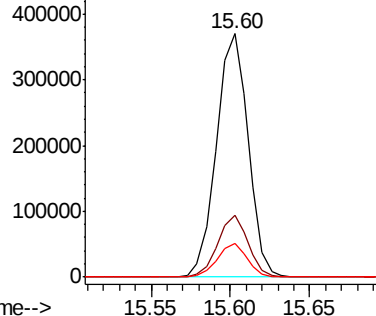


#60
 Diethylphthalate
 Concen: 37.941 ng
 RT: 15.60 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BG039382.D
 Acq: 7 Feb 2019 14:37

Tgt Ion:	149	Resp:	513862
Ion	Ratio	Lower	Upper
149	100		
177	25.2	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

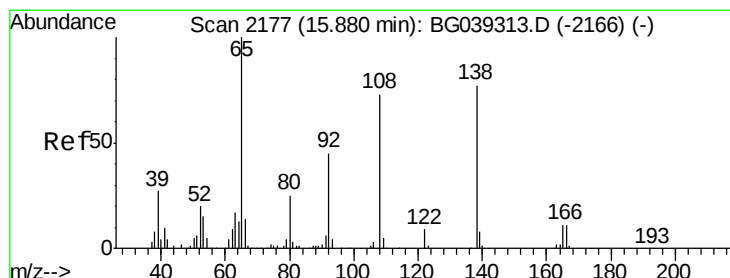
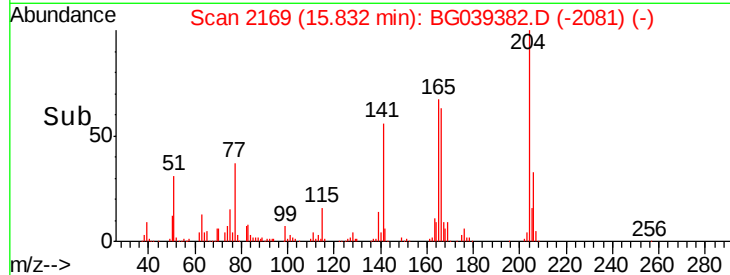
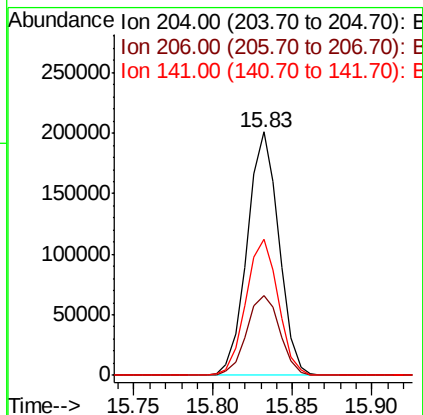
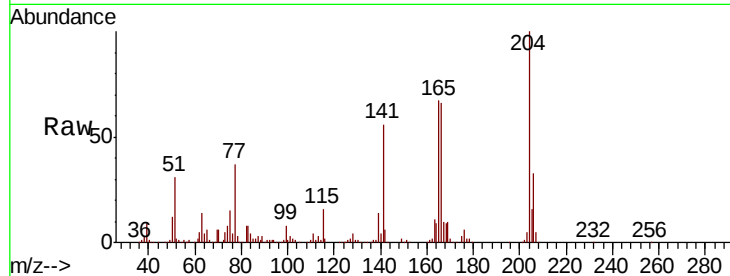




#61
 4-Chlorophenyl-phenylether
 Concen: 41.447 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BG039382.D
 Acq: 7 Feb 2019 14:37

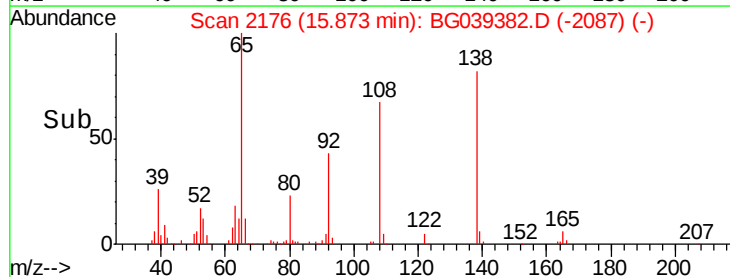
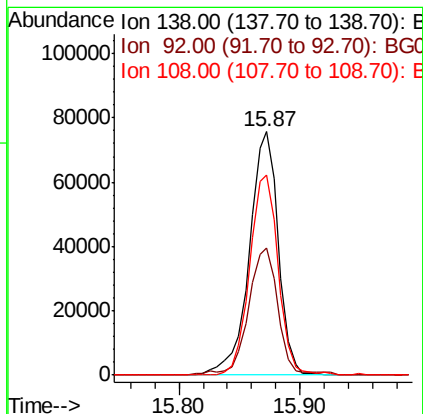
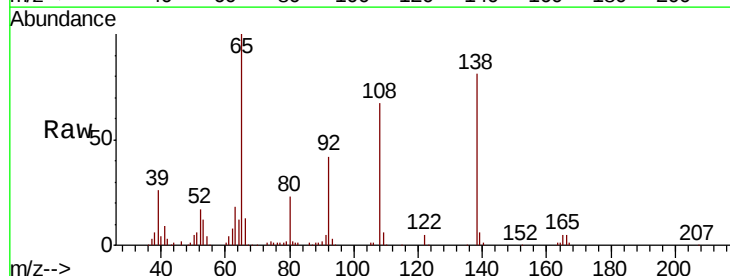
Instrument :
 BNA_G
 ClientSampleID :
 SSTDCCC040

Tot Ion:204 Resp: 278916
 Ion Ratio Lower Upper
 204 100
 206 32.7 29.2 43.8
 141 55.7 49.0 73.4



#62
 4-Nitroaniline
 Concen: 46.027 ng
 RT: 15.87 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: BG039382.D
 Acq: 7 Feb 2019 14:37

Tgt Ion:138 Resp: 125913
 Ion Ratio Lower Upper
 138 100
 92 52.0 38.7 78.7
 108 82.4 74.6 114.6





#63

Azobenzene

Concen: 36.597 ng

RT: 16.13 min Scan# 2219

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 484459

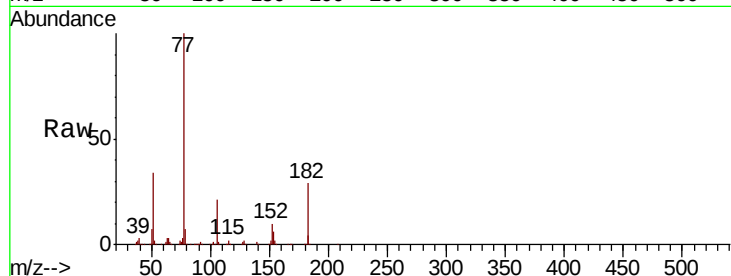
Ion Ratio Lower Upper

77 100

182 29.0 6.4 46.4

105 21.2 0.0 39.8

51 33.5 14.1 54.1

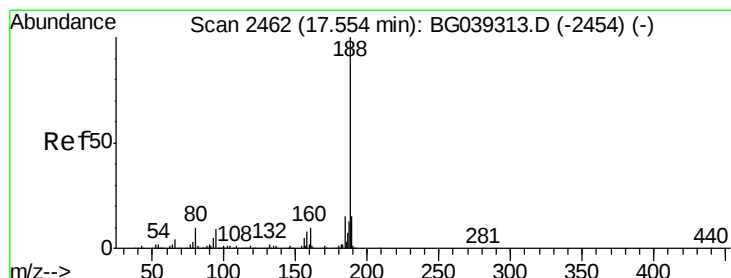
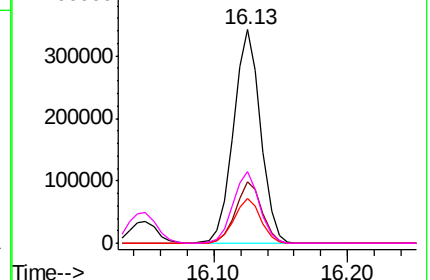
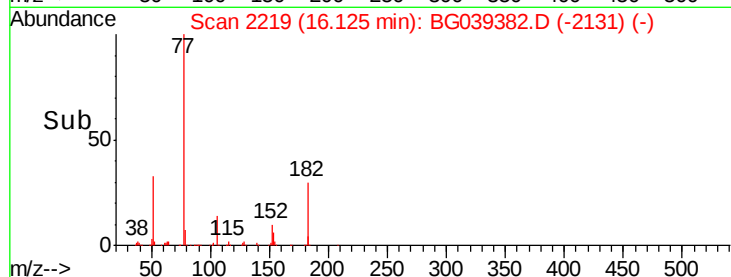


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.55 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

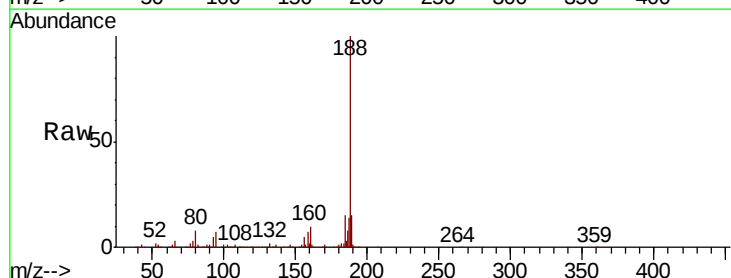
Tgt Ion: 188 Resp: 384405

Ion Ratio Lower Upper

188 100

94 7.5 6.9 10.3

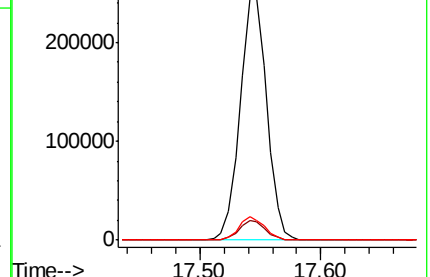
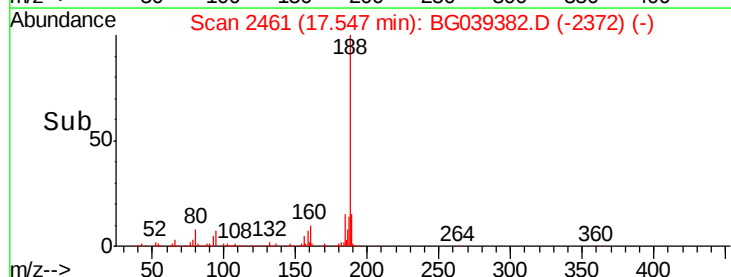
80 8.3 8.1 12.1

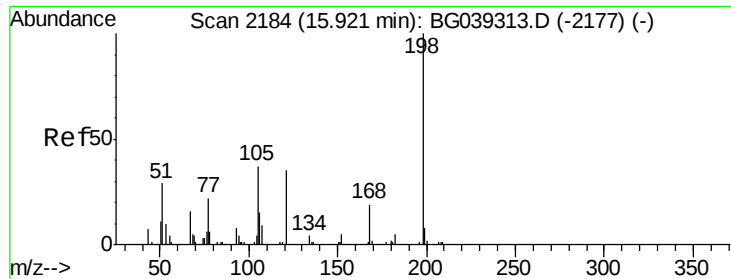


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 47.652 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

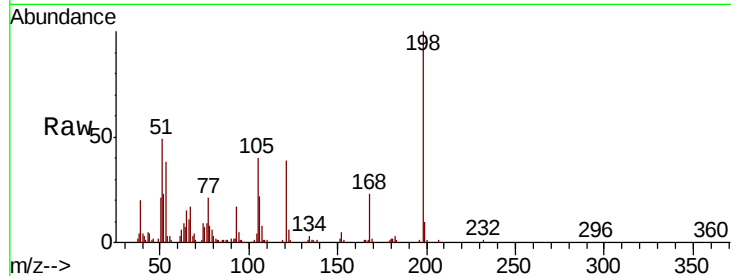
Tot Ion:198 Resp: 71949

Ion Ratio Lower Upper

198 100

51 49.5 27.4 67.4

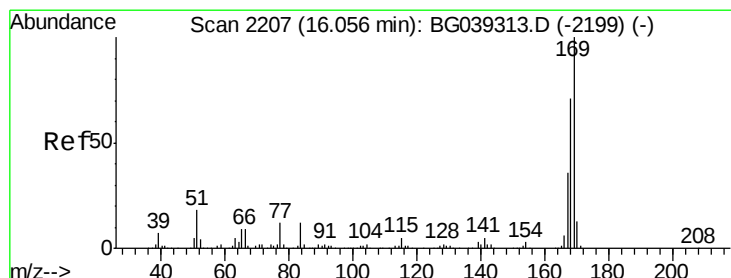
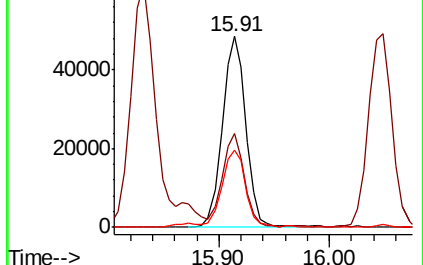
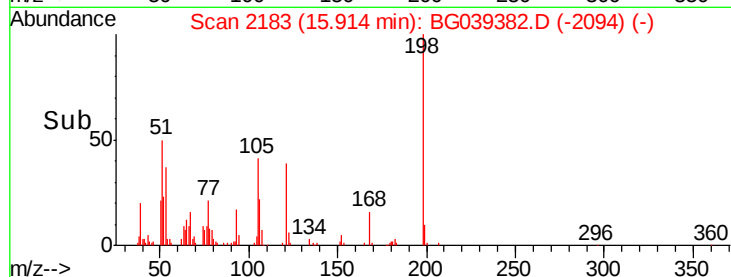
105 40.3 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.592 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

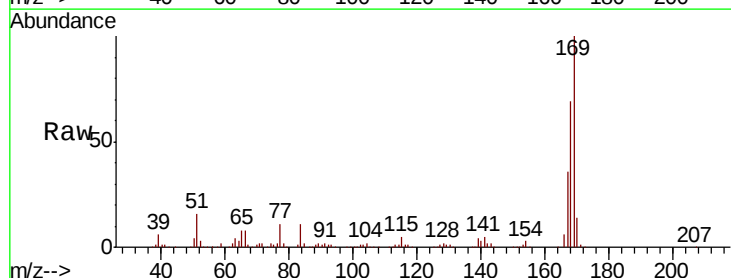
Tgt Ion:169 Resp: 462767

Ion Ratio Lower Upper

169 100

168 68.6 56.6 85.0

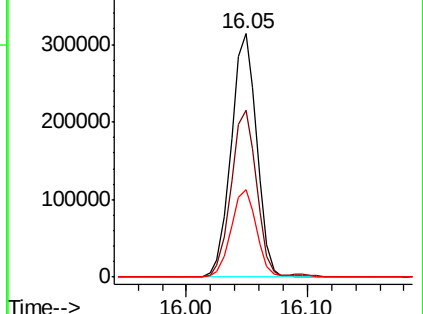
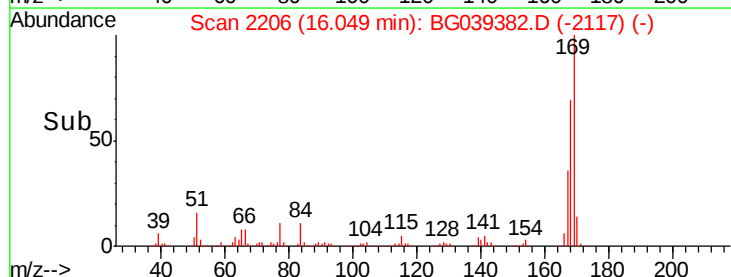
167 35.9 28.8 43.2

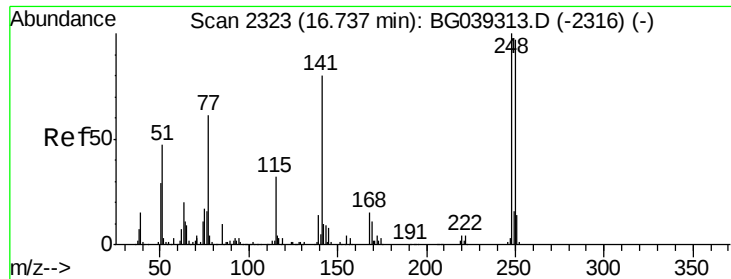


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

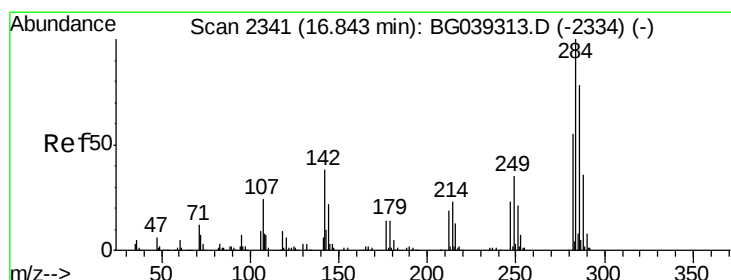
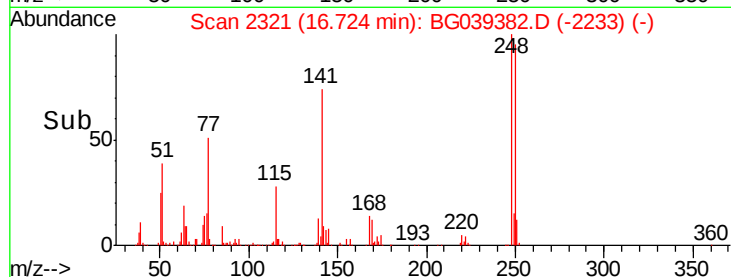
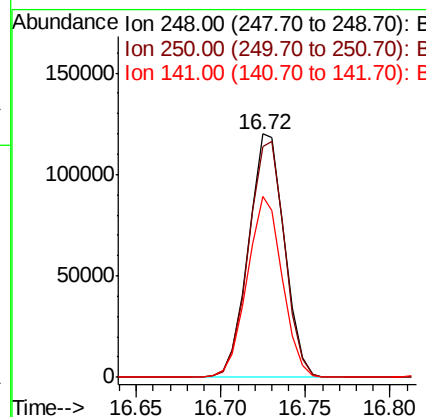
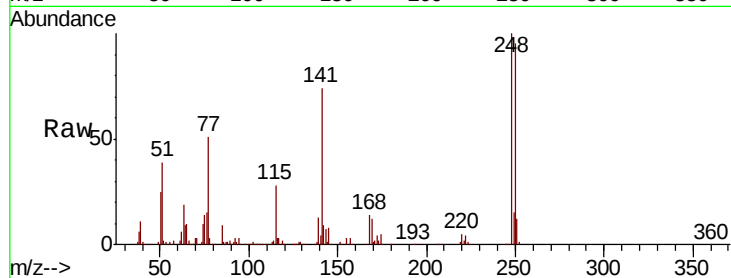




#67
4-Bromophenyl-phenylether
Concen: 41.542 ng
RT: 16.72 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

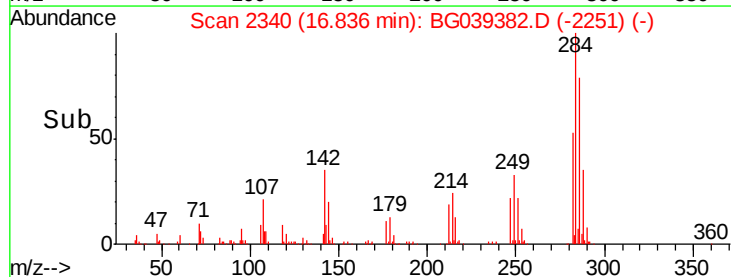
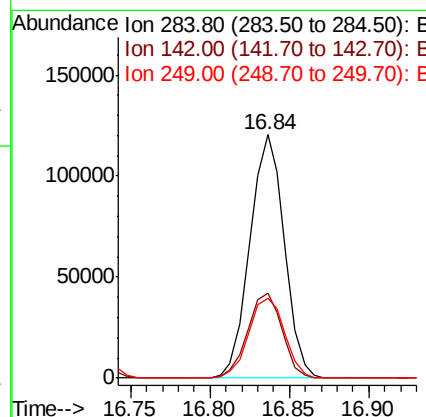
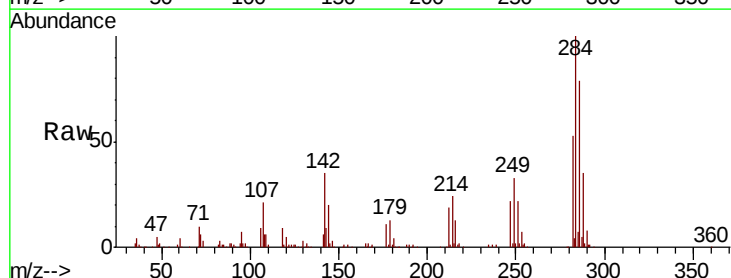
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

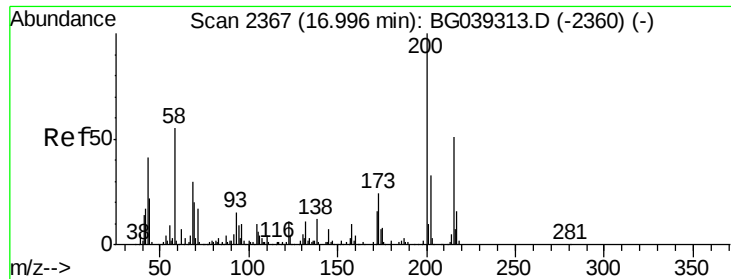
Tot Ion:248 Resp: 177158
Ion Ratio Lower Upper
248 100
250 94.9 77.6 116.4
141 74.3 63.9 95.9



#68
Hexachlorobenzene
Concen: 42.392 ng
RT: 16.84 min Scan# 2340
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

Tgt Ion:284 Resp: 181378
Ion Ratio Lower Upper
284 100
142 34.7 30.6 45.8
249 33.0 28.2 42.2





#69

Atrazine

Concen: 38.092 ng

RT: 16.99 min Scan# 2366

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

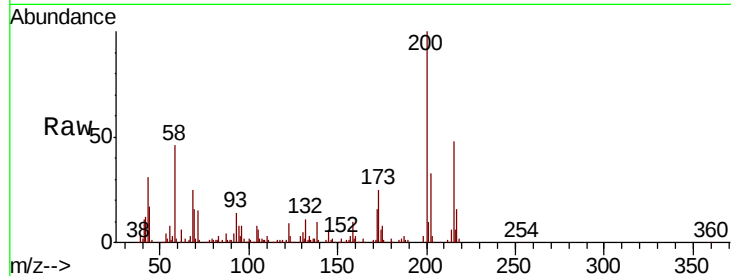
Tot Ion:200 Resp: 162707

Ion Ratio Lower Upper

200 100

173 24.6 3.9 43.9

215 47.7 30.9 70.9

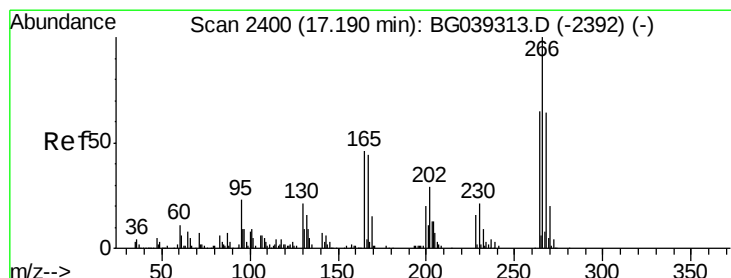
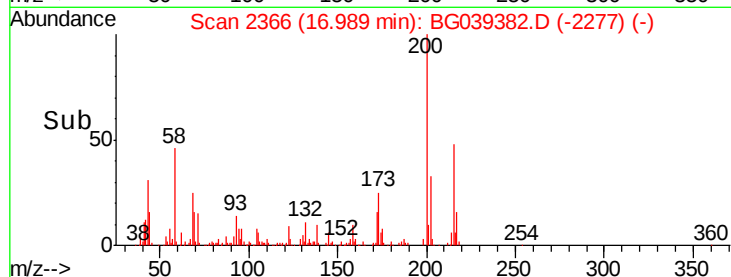
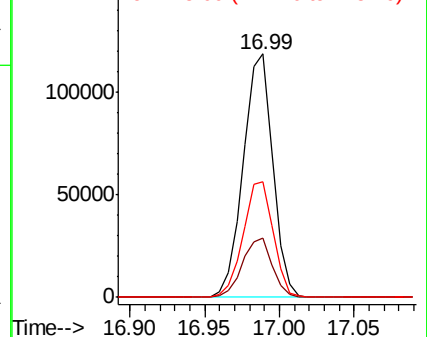


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 39.768 ng

RT: 17.18 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

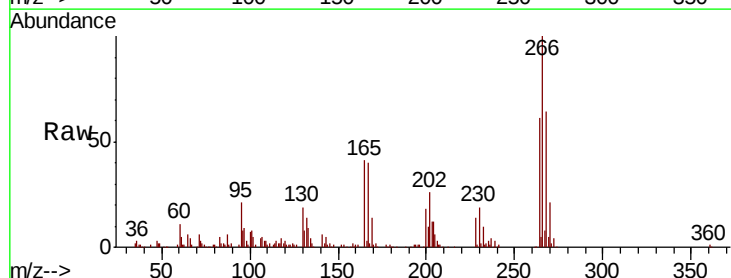
Tgt Ion:266 Resp: 118259

Ion Ratio Lower Upper

266 100

268 63.6 51.1 76.7

264 61.2 52.1 78.1

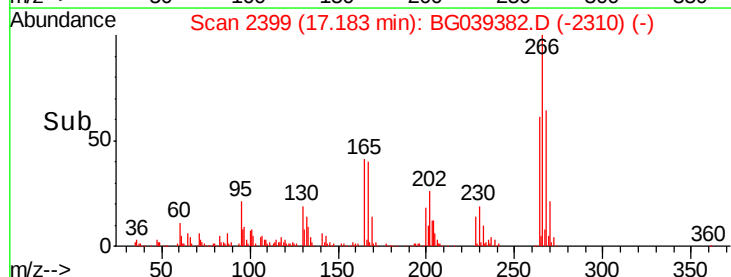
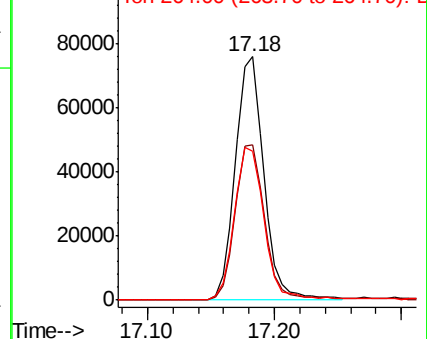


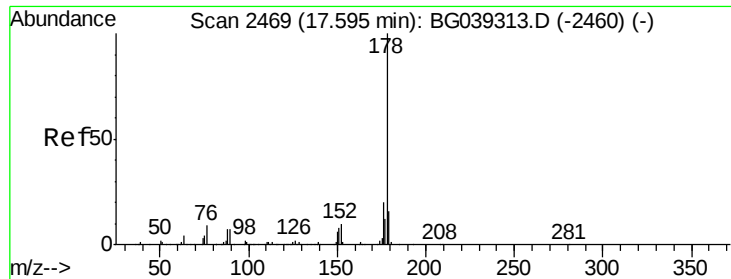
Abundance

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

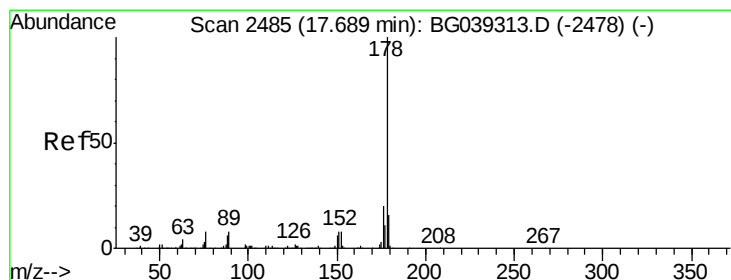
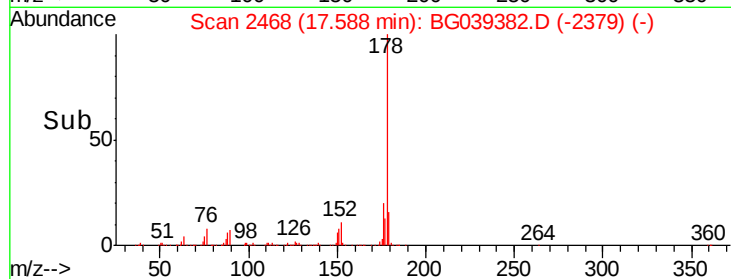
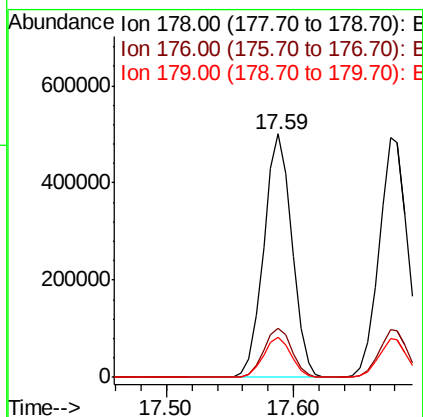
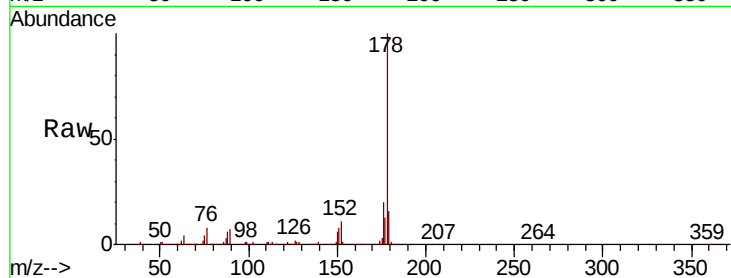




#71
Phenanthrene
Concen: 38.704 ng
RT: 17.59 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

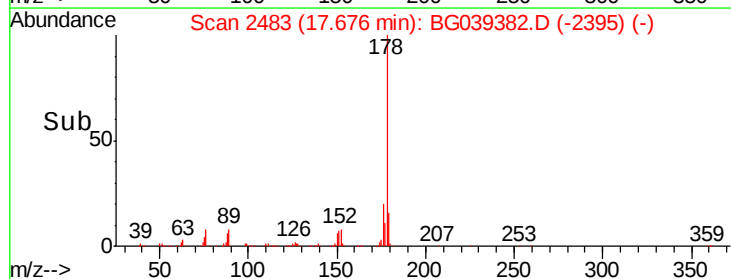
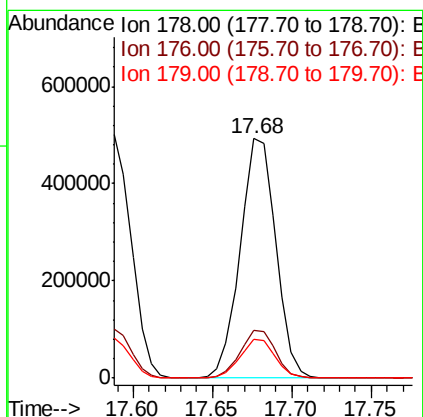
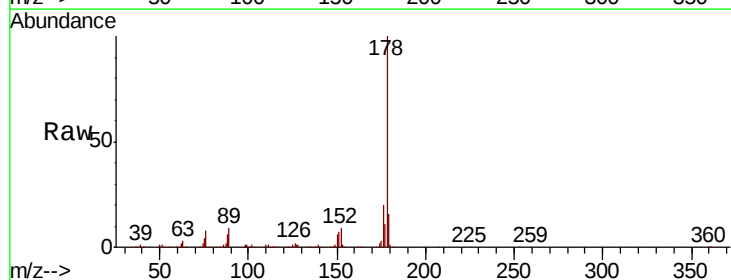
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

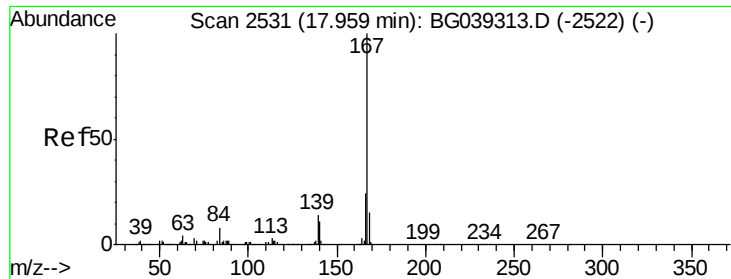
Tot Ion:178 Resp: 770052
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.4
179 16.5 12.6 19.0



#72
Anthracene
Concen: 39.092 ng
RT: 17.68 min Scan# 2483
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

Tgt Ion:178 Resp: 766093
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.6
179 16.3 12.5 18.7

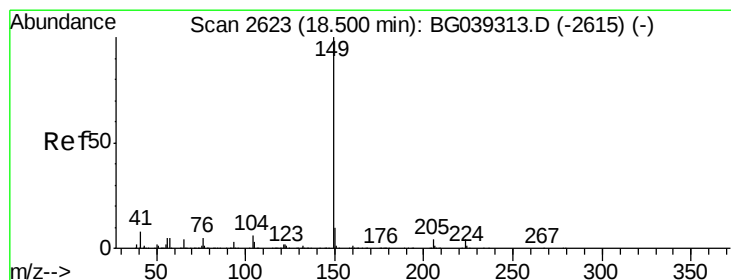
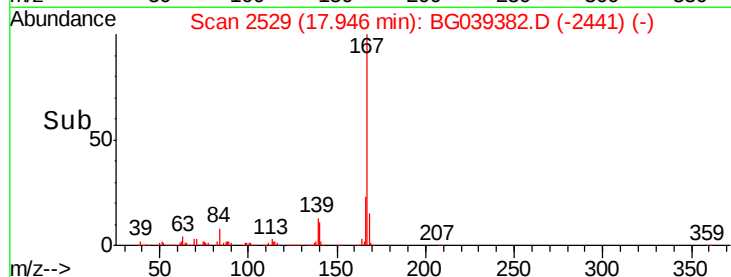
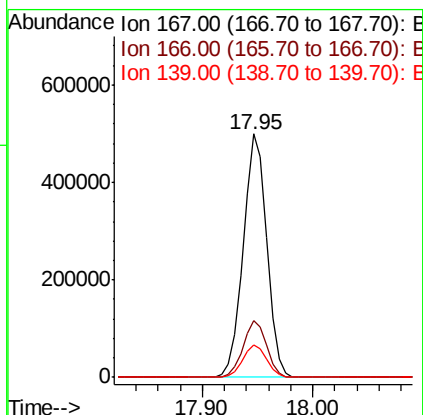
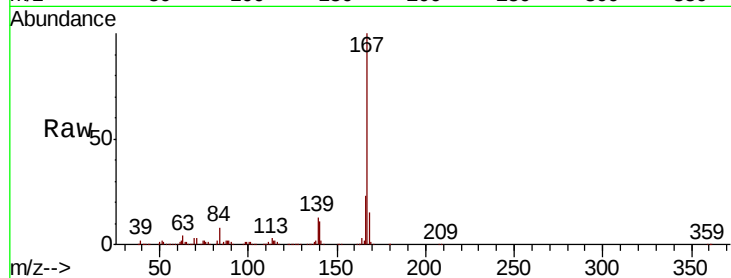




#73
 Carbazole
 Concen: 38.180 ng
 RT: 17.95 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BG039382.D
 Acq: 7 Feb 2019 14:37

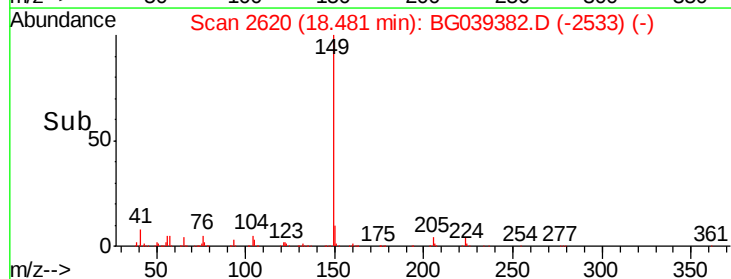
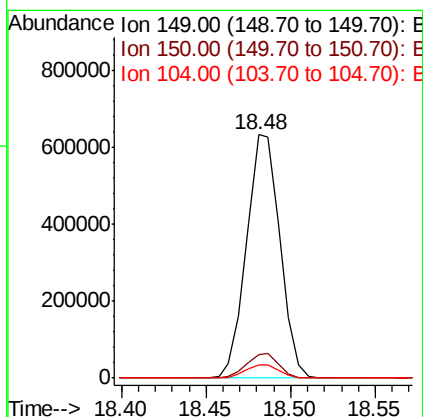
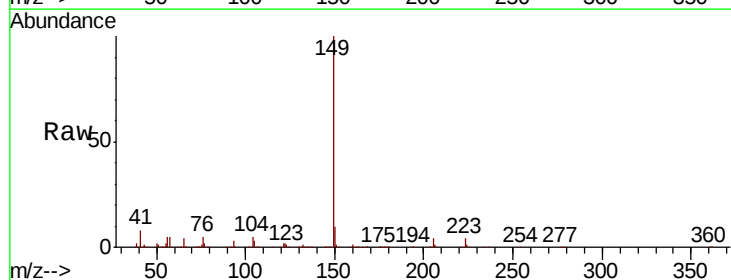
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 746712
 Ion Ratio Lower Upper
 167 100
 166 23.4 19.4 29.2
 139 13.3 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 38.339 ng
 RT: 18.48 min Scan# 2620
 Delta R.T. -0.02 min
 Lab File: BG039382.D
 Acq: 7 Feb 2019 14:37

Tgt Ion:149 Resp: 874767
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.7 11.5
 104 5.4 4.5 6.7





#75

Fluoranthene

Concen: 39.411 ng

RT: 19.59 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

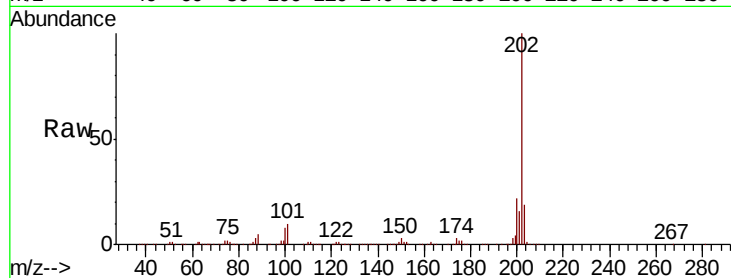
Tot Ion:202 Resp: 910093

Ion Ratio Lower Upper

202 100

101 9.5 0.0 30.0

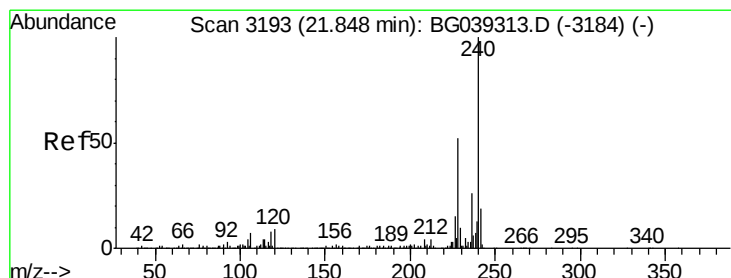
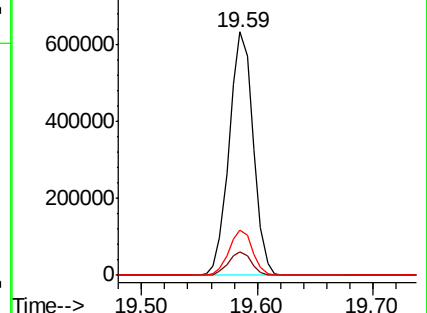
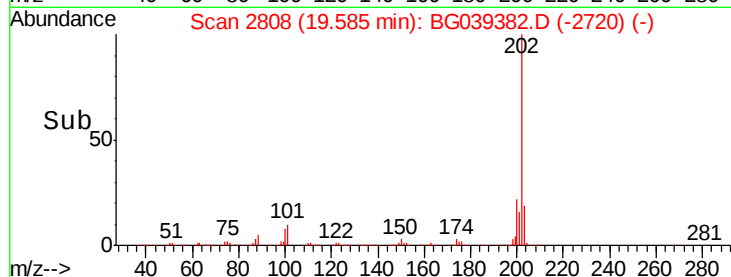
203 18.5 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.84 min Scan# 3191

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

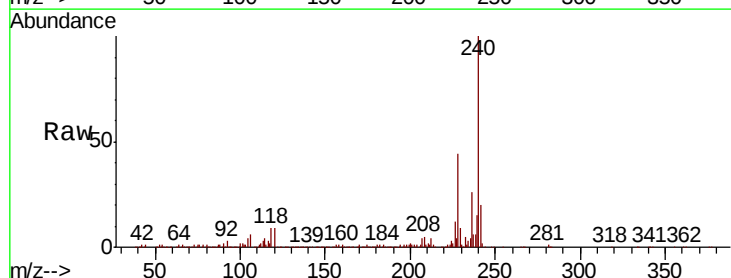
Tgt Ion:240 Resp: 381409

Ion Ratio Lower Upper

240 100

120 9.0 7.0 10.6

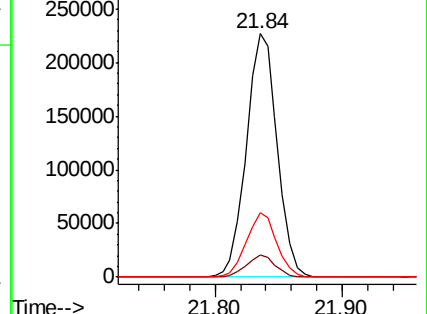
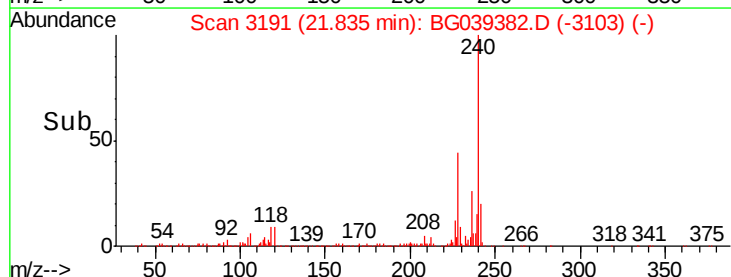
236 26.4 21.0 31.4

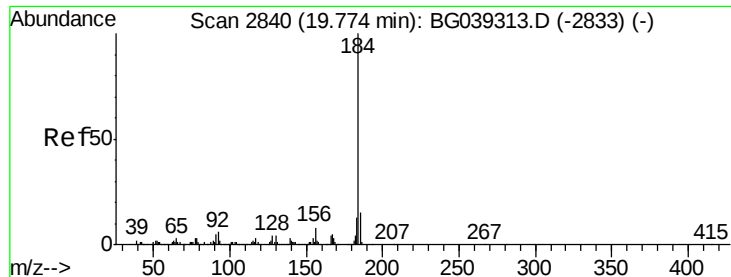


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.059 ng

RT: 19.77 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

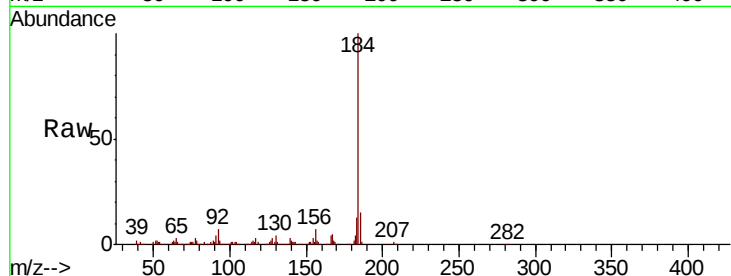
Tot Ion:184 Resp: 450905

Ion Ratio Lower Upper

184 100

185 15.3 12.2 18.2

183 13.1 10.6 15.8

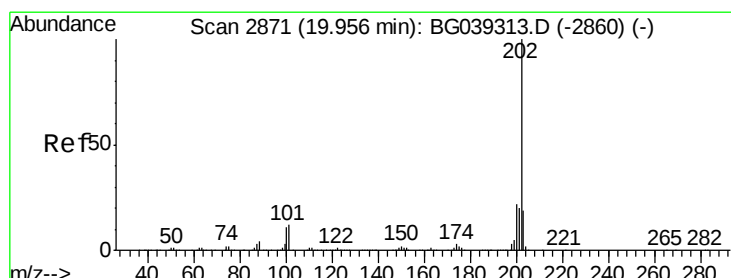
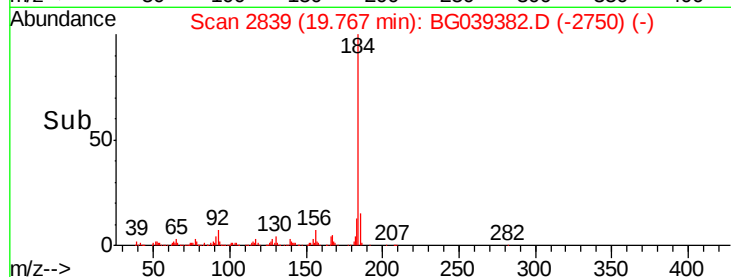
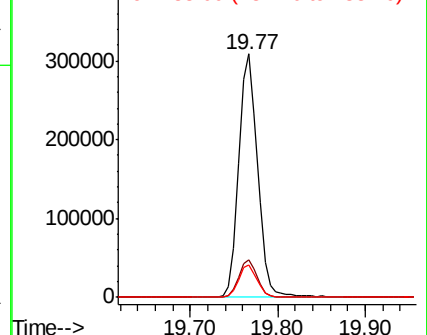


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.996 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

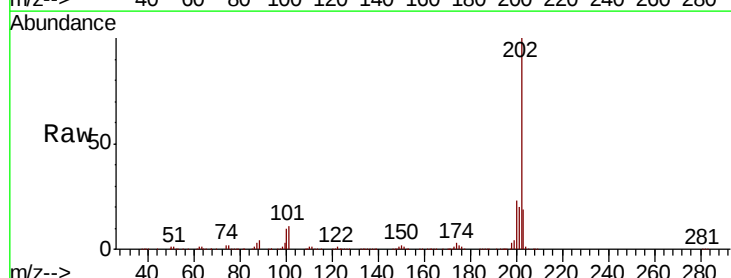
Tgt Ion:202 Resp: 925918

Ion Ratio Lower Upper

202 100

200 22.5 17.8 26.8

203 19.0 15.3 22.9

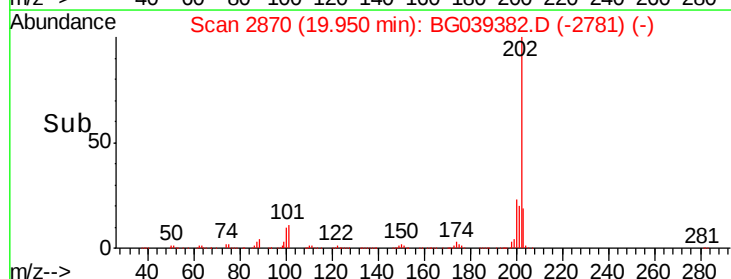
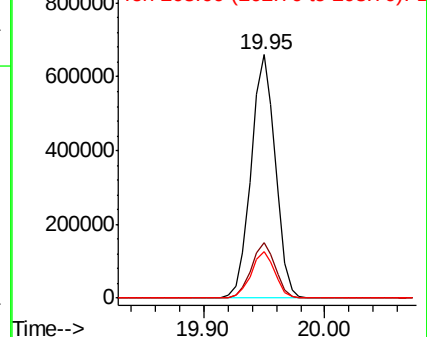


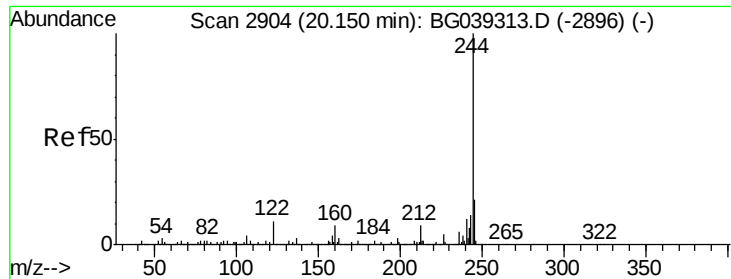
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.234 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

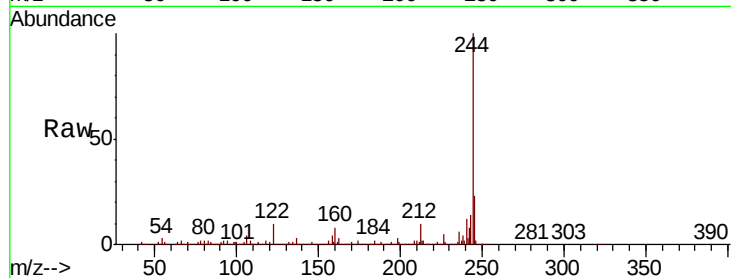
Tot Ion:244 Resp: 1373679

Ion Ratio Lower Upper

244 100

212 9.5 7.3 10.9

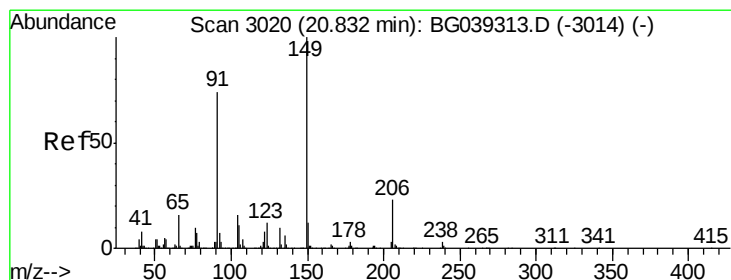
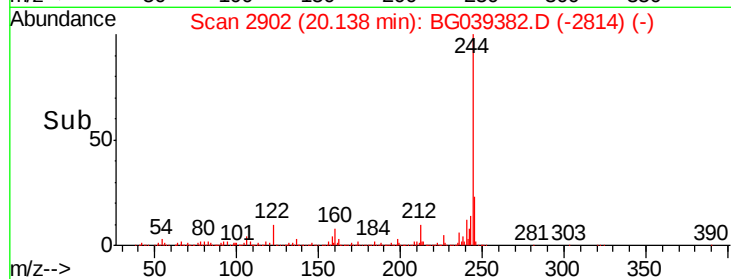
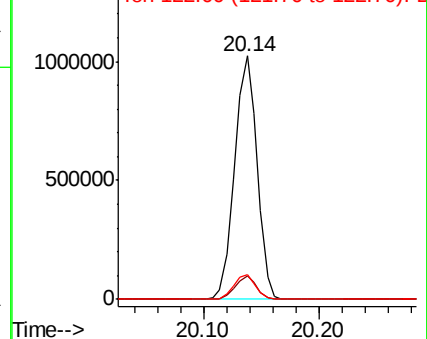
122 10.0 8.4 12.6



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: 40.006 ng

RT: 20.82 min Scan# 3018

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

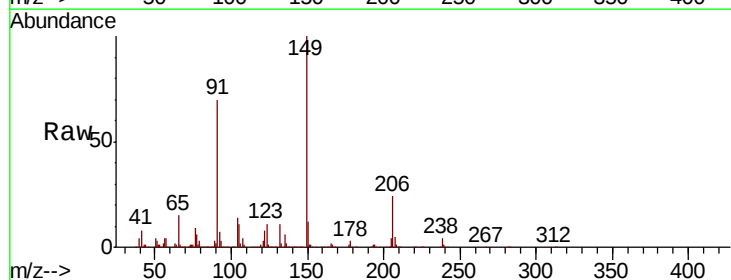
Tgt Ion:149 Resp: 400695

Ion Ratio Lower Upper

149 100

91 70.1 59.5 89.3

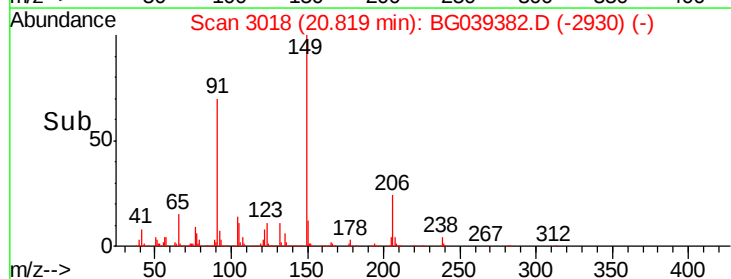
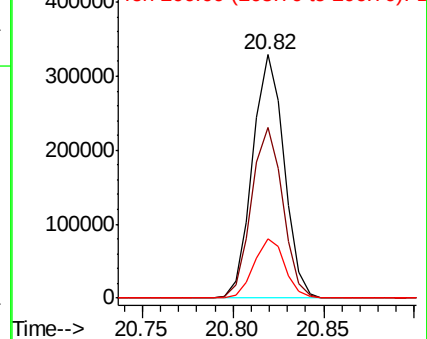
206 24.1 18.6 27.8

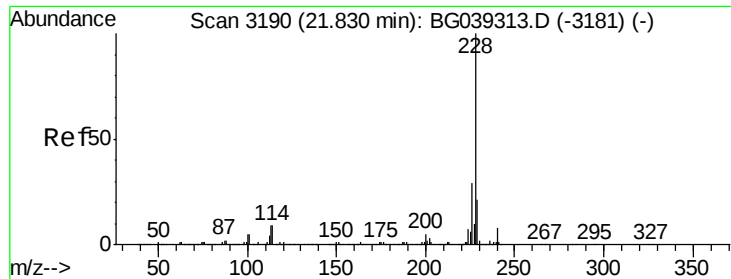


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.272 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

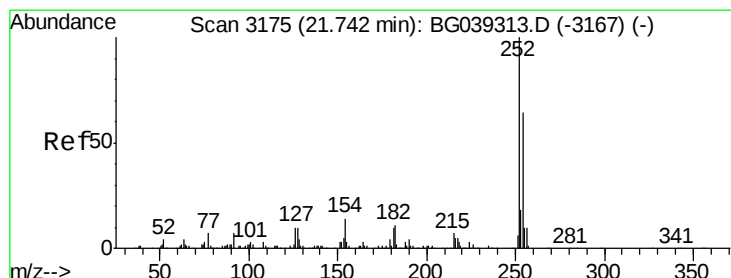
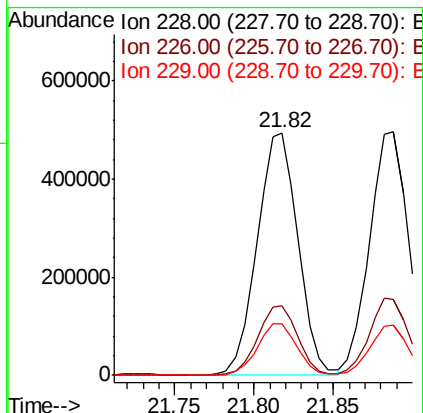
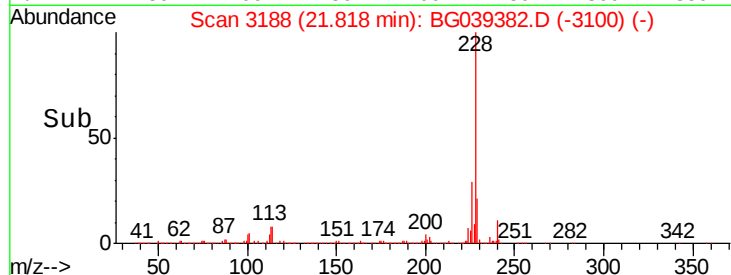
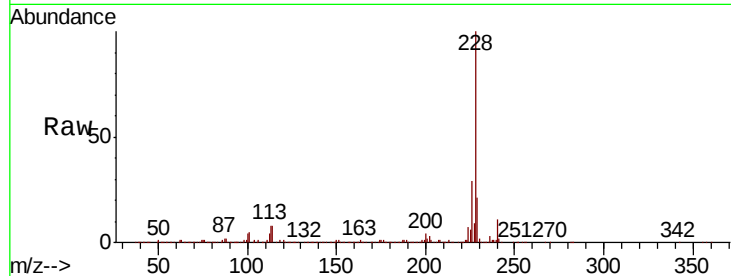
Tot Ion:228 Resp: 885091

Ion Ratio Lower Upper

228 100

226 28.7 23.0 34.6

229 21.3 16.9 25.3



#82

3,3'-Dichlorobenzidine

Concen: 41.074 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

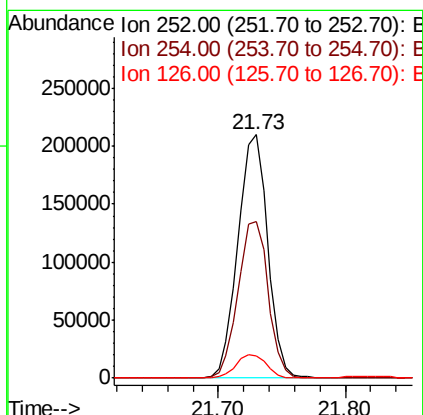
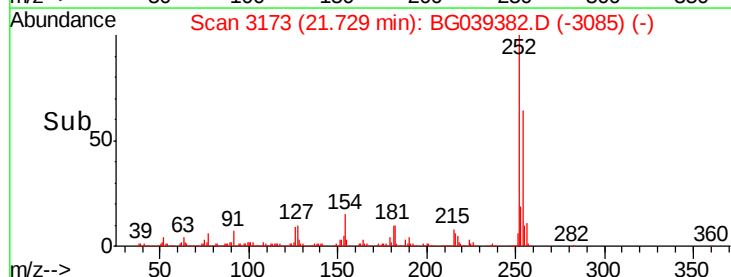
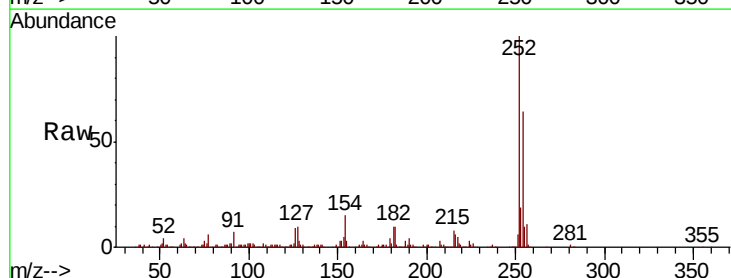
Tgt Ion:252 Resp: 343243

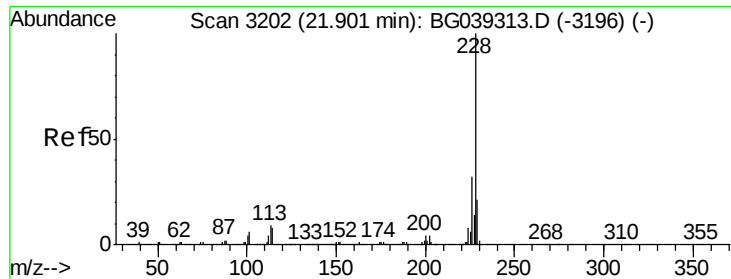
Ion Ratio Lower Upper

252 100

254 64.3 51.3 76.9

126 9.2 8.0 12.0

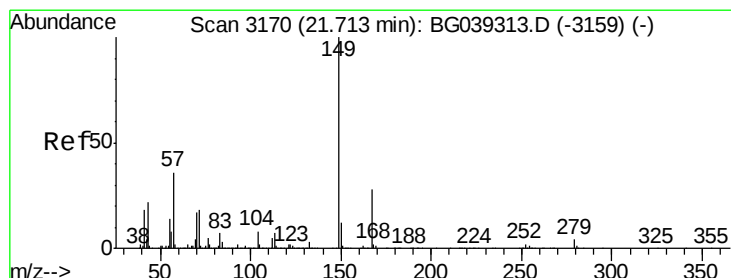
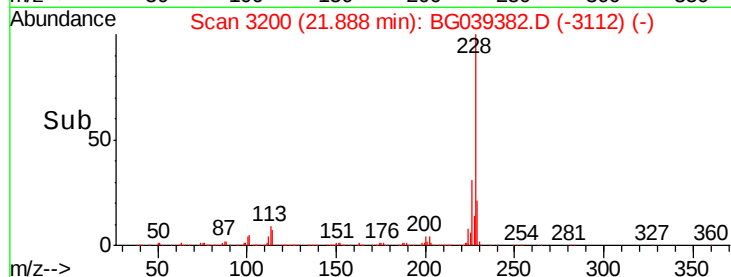
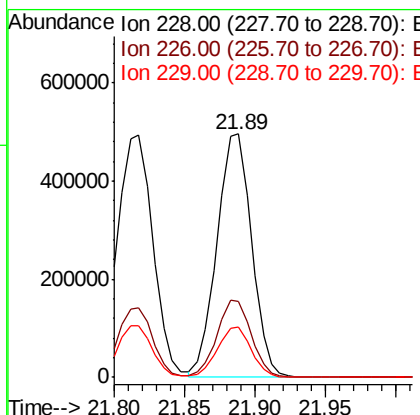
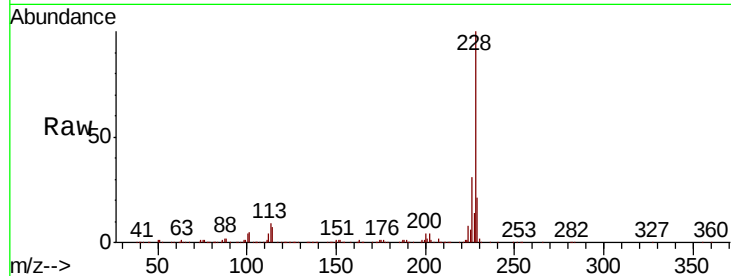




#83
 Chrvsene
 Concen: 39.531 ng
 RT: 21.89 min Scan# 3200
 Delta R.T. -0.01 min
 Lab File: BG039382.D
 Acq: 7 Feb 2019 14:37

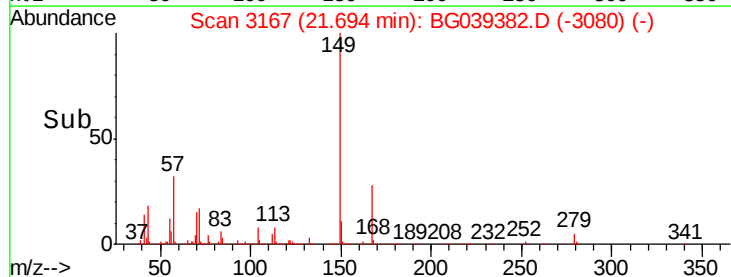
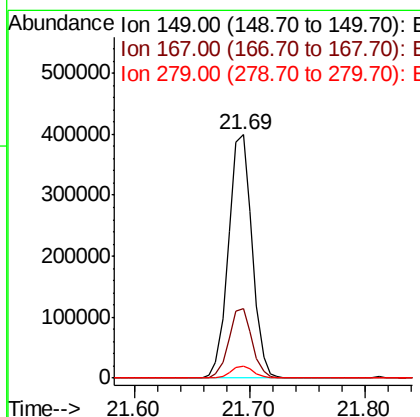
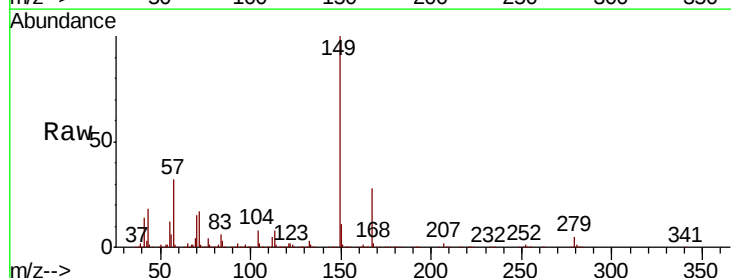
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.8	38.6
229	20.8	16.6	25.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.400 ng
 RT: 21.69 min Scan# 3167
 Delta R.T. -0.02 min
 Lab File: BG039382.D
 Acq: 7 Feb 2019 14:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.6	34.0
279	5.0	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 40.108 ng

RT: 22.96 min Scan# 3383

Delta R.T. -0.03 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

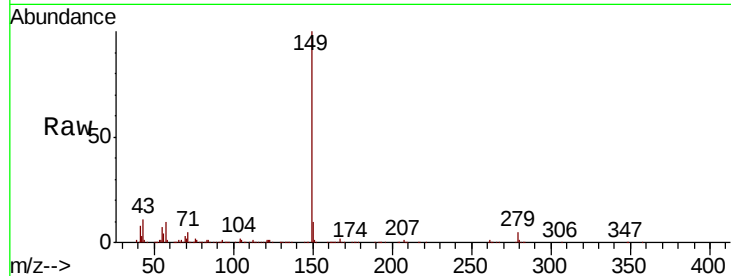
Tot Ion:149 Resp: 946848

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

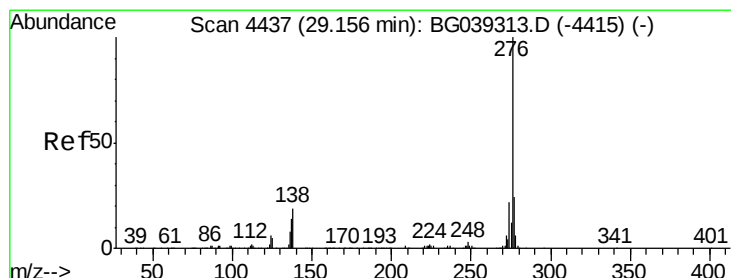
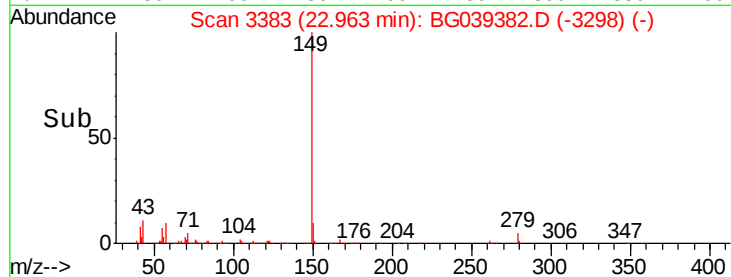
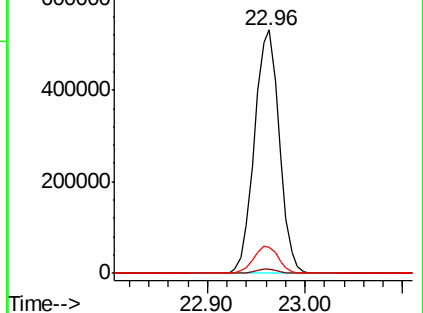
43 11.1 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.523 ng

RT: 29.12 min Scan# 4431

Delta R.T. -0.04 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

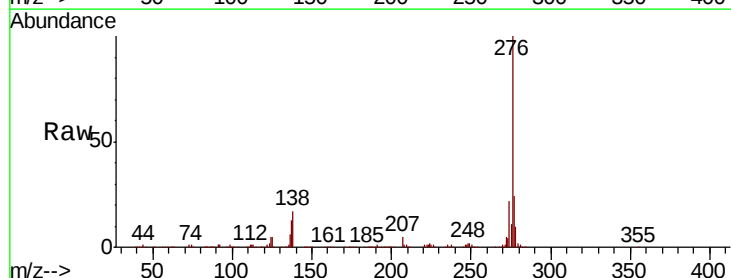
Tgt Ion:276 Resp: 978803

Ion Ratio Lower Upper

276 100

138 13.8 12.6 19.0

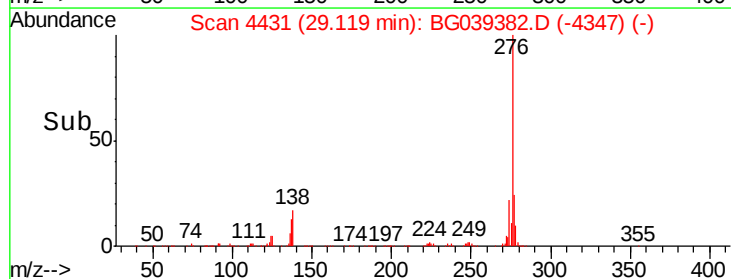
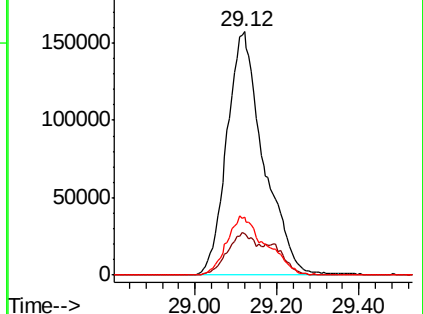
277 25.7 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.22 min Scan# 3767

Delta R.T. -0.02 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

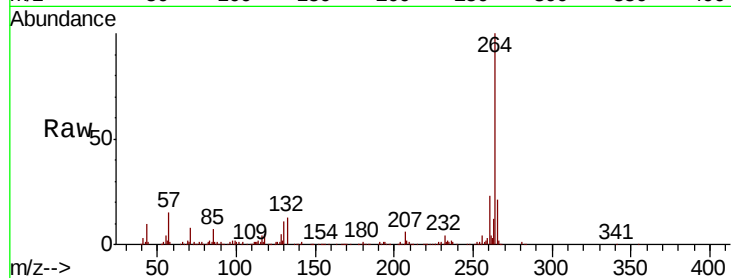
Tot Ion:264 Resp: 396079

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.4

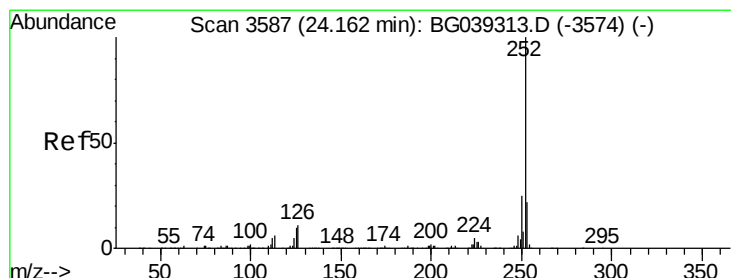
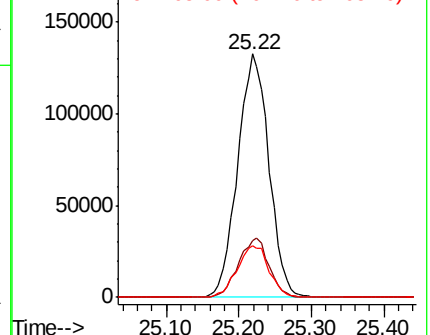
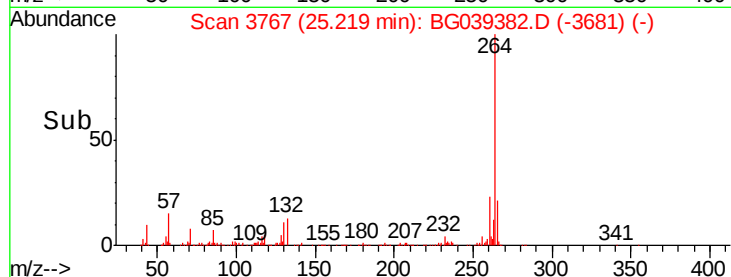
265 21.1 18.5 27.7



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: 40.131 ng

RT: 24.14 min Scan# 3583

Delta R.T. -0.02 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

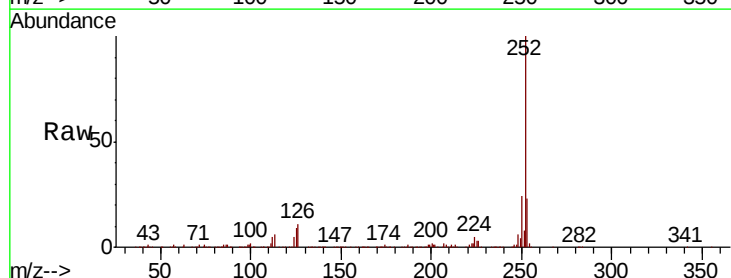
Tgt Ion:252 Resp: 866836

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

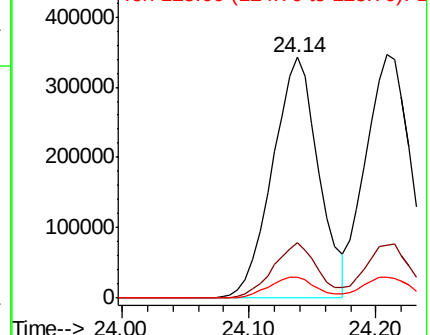
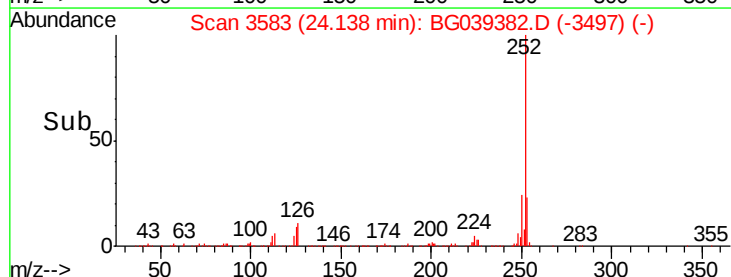
125 8.9 7.8 11.6



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: 39.234 ng

RT: 24.21 min Scan# 3595

Delta R.T. -0.02 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

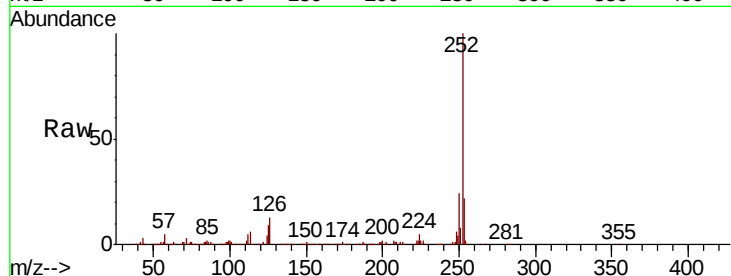
Tot Ion:252 Resp: 850850

Ion Ratio Lower Upper

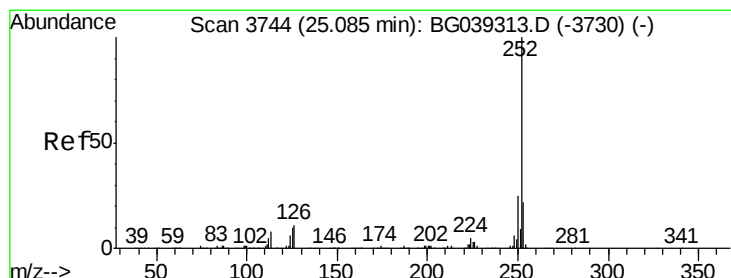
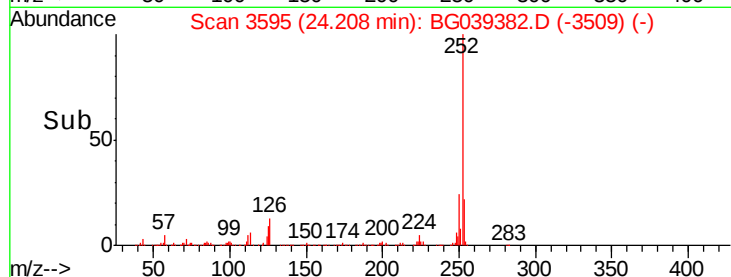
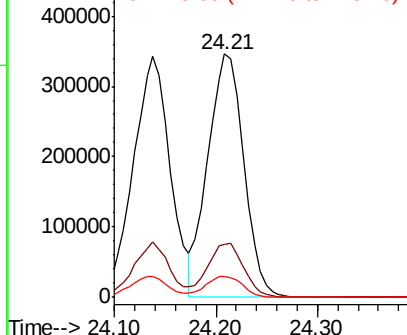
252 100

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: 40.159 ng

RT: 25.06 min Scan# 3740

Delta R.T. -0.02 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

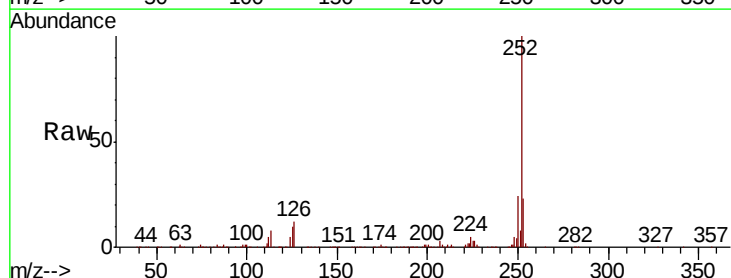
Tgt Ion:252 Resp: 835426

Ion Ratio Lower Upper

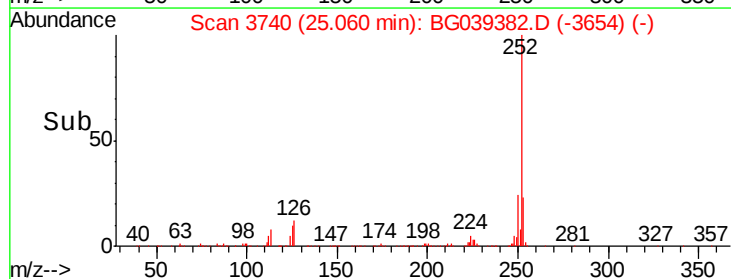
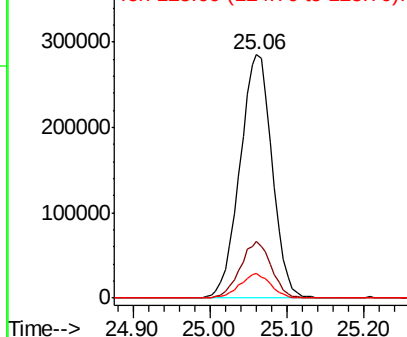
252 100

253 23.2 17.9 26.9

125 10.0 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

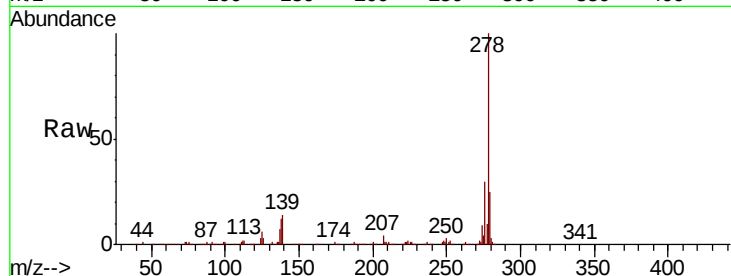




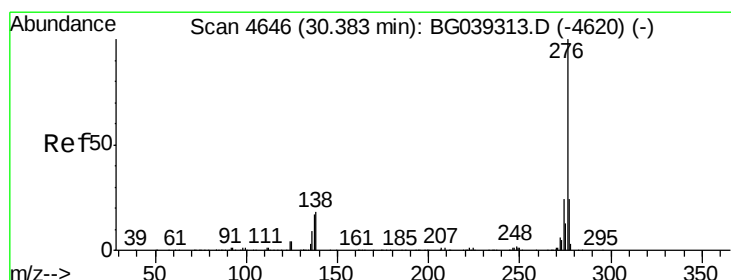
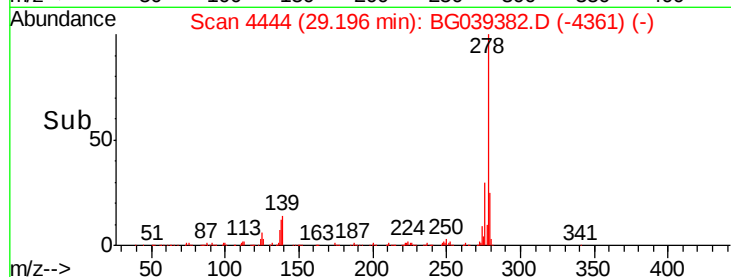
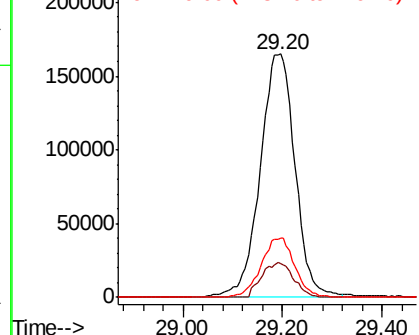
#91
Dibenzo(a,h)anthracene
Concen: 41.103 ng
RT: 29.20 min Scan# 4444
Delta R.T. -0.04 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 800756
Ion Ratio Lower Upper
278 100
139 14.1 11.7 17.5
279 24.6 19.1 28.7

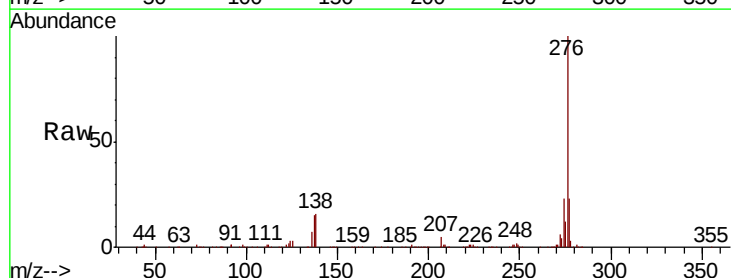


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.070 ng
RT: 30.35 min Scan# 4640
Delta R.T. -0.04 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

Tgt Ion:276 Resp: 797491
Ion Ratio Lower Upper
276 100
277 23.2 19.6 29.4
138 16.5 14.7 22.1



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

