

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021119\
 Data File : BG039433.D
 Acq On : 11 Feb 2019 14:16
 Operator : JU/SJ
 Sample : K1404-03MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A0C12-SS1-7.5-8.0MS

Quant Time: Feb 12 00:13:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	51399	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	236056	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	164207	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	397518	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	392785	20.00	ng	-0.01
87) Perylene-d12	25.21	264	407492	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	376163	125.26	ng	0.00
7) Phenol-d6	7.31	99	561718	127.07	ng	0.00
23) Nitrobenzene-d5	9.35	82	322575	85.37	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	223898	126.62	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	752310	65.72	ng	-0.01
79) Terphenyl-d14	20.13	244	1207767	65.09	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	40324	30.696	ng	95
3) Pyridine	4.00	79	107503	30.909	ng	98
4) n-Nitrosodimethylamine	3.92	42	65524	37.670	ng	86
6) Aniline	7.50	93	79874	14.425	ng	94
8) 2-Chlorophenol	7.73	128	141550	43.120	ng	95
9) Benzaldehyde	7.31	77	69104	28.841	ng	96
10) Phenol	7.34	94	214727	46.598	ng	97
11) bis(2-Chloroethyl)ether	7.59	93	134653	36.980	ng	99
12) 1,3-Dichlorobenzene	8.06	146	144653	36.375	ng	98
13) 1,4-Dichlorobenzene	8.21	146	144707	36.508	ng	98
14) 1,2-Dichlorobenzene	8.53	146	141627	36.909	ng	97
15) Benzyl Alcohol	8.40	79	141728	40.838	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	263106	31.997	ng	100
17) 2-Methylphenol	8.60	107	130953	43.914	ng	96
18) Hexachloroethane	9.26	117	49866	36.567	ng	96
19) n-Nitroso-di-n-propylamine	8.97	70	116217	37.041	ng	94
20) 3+4-Methylphenols	8.93	107	178970	43.583	ng	98
22) Acetophenone	9.00	105	218115	34.398	ng	96
24) Nitrobenzene	9.39	77	167494	41.031	ng	98
25) Isophorone	9.91	82	335126	40.023	ng	98
26) 2-Nitrophenol	10.10	139	79206	49.195	ng	96
27) 2,4-Dimethylphenol	10.14	122	152609	45.054	ng	98
28) bis(2-Chloroethoxy)methane	10.38	93	198355	38.459	ng	98
29) 2,4-Dichlorophenol	10.62	162	162989	44.027	ng	94
30) 1,2,4-Trichlorobenzene	10.85	180	154422	37.154	ng	97
31) Naphthalene	11.05	128	454668	38.825	ng	99
32) Benzoic acid	10.14	122	152609	64.894	ng	# 15
33) 4-Chloroaniline	11.15	127	61422	11.312	ng	98
34) Hexachlorobutadiene	11.31	225	95662	34.609	ng	97
35) Caprolactam	11.92	113	33916	22.139	ng	# 88
36) 4-Chloro-3-methylphenol	12.25	107	179876	42.014	ng	97
37) 2-Methylnaphthalene	12.63	142	341849	39.413	ng	98
38) 1-Methylnaphthalene	12.85	142	328766	39.322	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	186848	35.763	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021119\
 Data File : BG039433.D
 Acq On : 11 Feb 2019 14:16
 Operator : JU/SJ
 Sample : K1404-03MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A0C12-SS1-7.5-8.0MS

Quant Time: Feb 12 00:13:33 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)
41) Hexachlorocyclopentadiene	12.96	237	225015	79.037	ng	99
43) 2,4,6-Trichlorophenol	13.23	196	134694	41.930	ng	98
44) 2,4,5-Trichlorophenol	13.30	196	150171	44.603	ng	97
46) 1,1'-Biphenyl	13.63	154	469643	34.375	ng	99
47) 2-Chloronaphthalene	13.68	162	363642	35.381	ng	97
48) 2-Nitroaniline	13.89	65	125795	43.539	ng	92
49) Acenaphthylene	14.53	152	597166	38.505	ng	99
50) Dimethylphthalate	14.24	163	574449	43.315	ng	99
51) 2,6-Dinitrotoluene	14.37	165	112414	45.715	ng	98
52) Acenaphthene	14.86	154	360818	35.842	ng	97
53) 3-Nitroaniline	14.70	138	48079	21.600	ng	# 92
54) 2,4-Dinitrophenol	14.90	184	52843	56.445	ng	94
55) Dibenzofuran	15.20	168	587901	36.424	ng	98
56) 4-Nitrophenol	14.99	139	200044	83.177	ng	90
57) 2,4-Dinitrotoluene	15.15	165	158016	49.481	ng	# 86
58) Fluorene	15.84	166	461348	38.343	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	146436	46.452	ng	96
60) Diethylphthalate	15.59	149	503269	36.703	ng	99
61) 4-Chlorophenyl-phenylether	15.82	204	246717	36.213	ng	97
62) 4-Nitroaniline	15.86	138	113554	41.459	ng	95
63) Azobenzene	16.12	77	441231	32.923	ng	98
65) 4,6-Dinitro-2-methylphenol	15.91	198	79310	49.858	ng	92
66) n-Nitrosodiphenylamine	16.04	169	435175	36.003	ng	97
67) 4-Bromophenyl-phenylether	16.72	248	160884	36.481	ng	96
68) Hexachlorobenzene	16.83	284	166368	37.601	ng	98
69) Atrazine	16.98	200	175113	39.644	ng	99
70) Pentachlorophenol	17.17	266	219585	71.406	ng	99
71) Phenanthrene	17.59	178	767874	37.322	ng	100
72) Anthracene	17.67	178	784227	38.697	ng	99
73) Carbazole	17.94	167	703878	34.802	ng	99
74) Di-n-butylphthalate	18.48	149	828938	35.132	ng	100
75) Fluoranthene	19.58	202	901993	37.771	ng	99
77) Benzidine	19.76	184	270432	21.000	ng	99
78) Pyrene	19.94	202	913594	37.363	ng	100
80) Butylbenzylphthalate	20.82	149	391602	37.965	ng	92
81) Benzo(a)anthracene	21.81	228	885965	38.173	ng	99
82) 3,3'-Dichlorobenzidine	21.72	252	185698	21.578	ng	99
83) Chrysene	21.88	228	826023	37.387	ng	99
84) Bis(2-ethylhexyl)phthalate	21.68	149	544106	36.975	ng	99
85) Di-n-octyl phthalate	22.95	149	934191	38.426	ng	96
86) Indeno(1,2,3-cd)pyrene	29.10	276	998222	42.110	ng	98
88) Benzo(b)fluoranthene	24.12	252	866795	39.005	ng	98
89) Benzo(k)fluoranthene	24.20	252	819384	36.725	ng	100
90) Benzo(a)pyrene	25.05	252	846119	39.534	ng	98
91) Dibenzo(a,h)anthracene	29.16	278	811487	40.487	ng	99
92) Benzo(g,h,i)perylene	30.33	276	821889	41.141	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.01 min

Lab File: BG039433.D

Acq: 11 Feb 2019 14:16

Instrument :

BNA_G

ClientSampleId :

A0C12-SS1-7.5-8.0MS

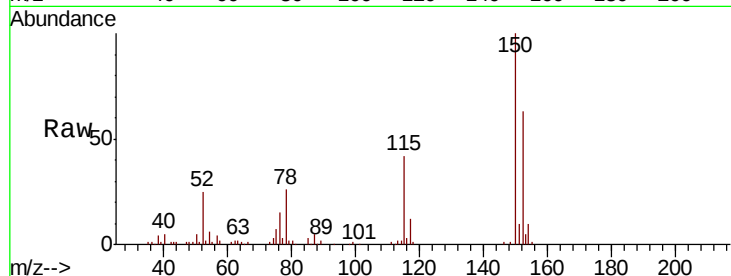
Tgt Ion:152 Resp: 51399

Ion Ratio Lower Upper

152 100

150 159.9 123.7 185.5

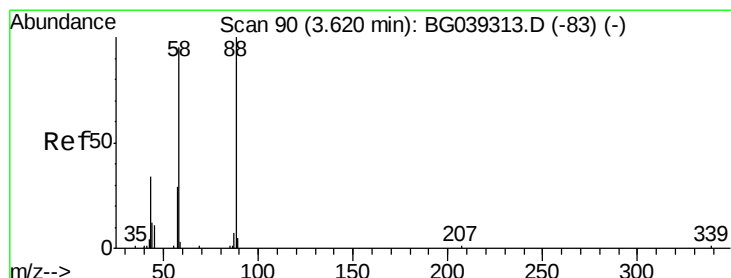
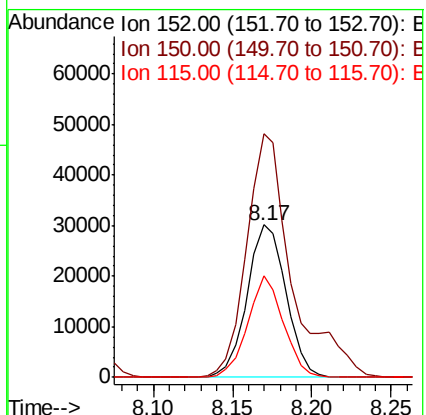
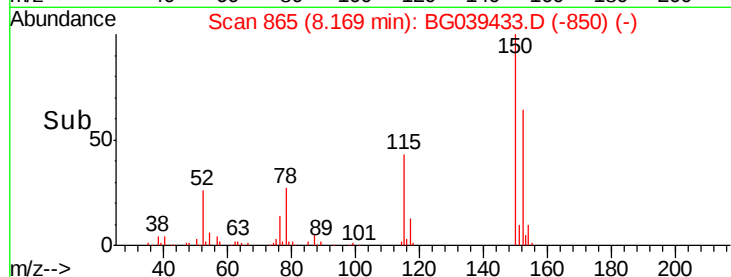
115 66.6 45.9 68.9



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: 30.696 ng

RT: 3.60 min Scan# 88

Delta R.T. -0.01 min

Lab File: BG039433.D

Acq: 11 Feb 2019 14:16

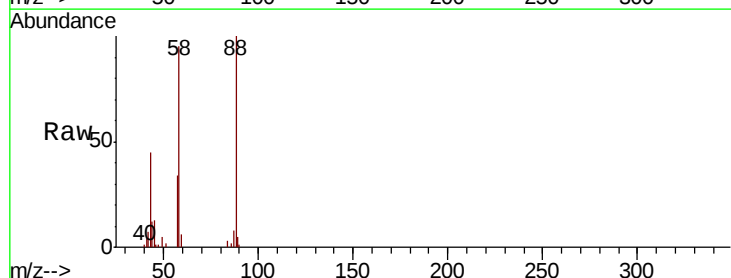
Tgt Ion: 88 Resp: 40324

Ion Ratio Lower Upper

88 100

58 95.6 81.1 121.7

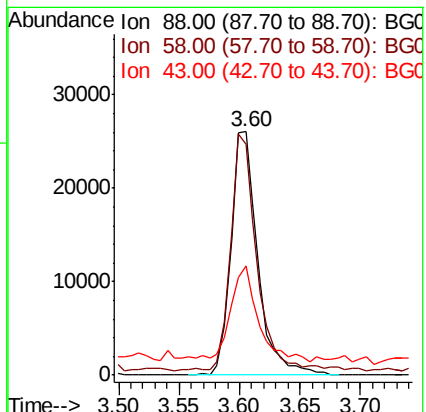
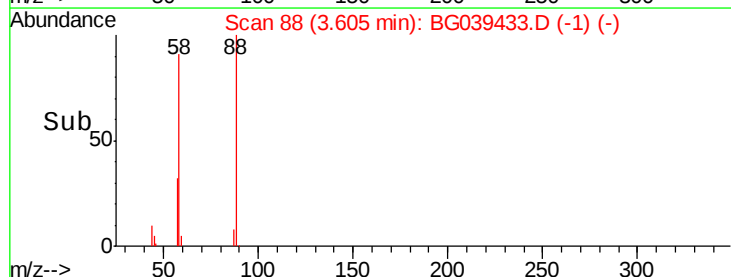
43 40.2 31.4 47.0



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 30.909 ng

RT: 4.00 min Scan# 156

Delta R.T. -0.01 min

Lab File: BG039433.D

Acq: 11 Feb 2019 14:16

Instrument :

BNA_G

ClientSampleId :

A0C12-SS1-7.5-8.0MS

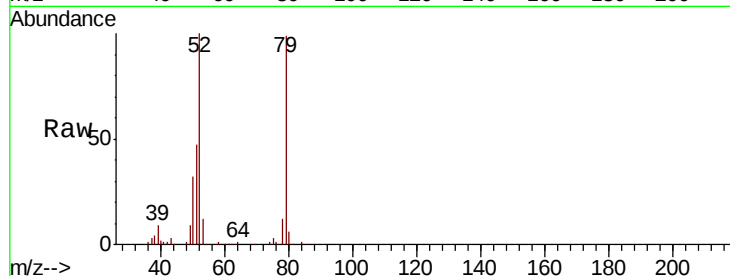
Tgt Ion: 79 Resp: 107503

Ion Ratio Lower Upper

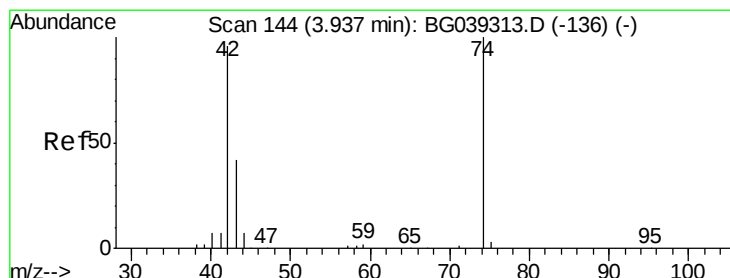
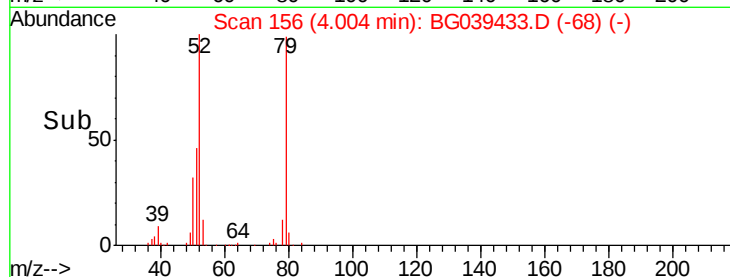
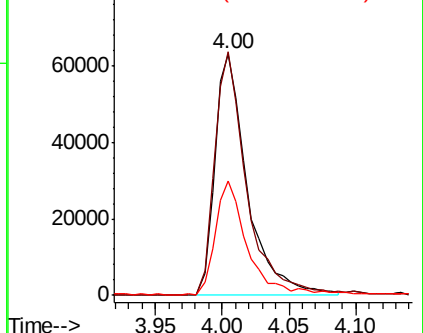
79 100

52 100.7 82.6 124.0

51 47.3 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: 37.670 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG039433.D

Acq: 11 Feb 2019 14:16

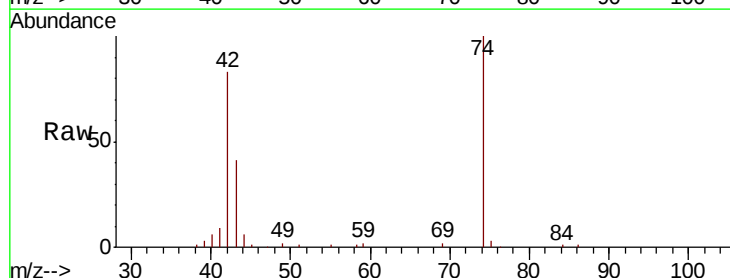
Tgt Ion: 42 Resp: 65524

Ion Ratio Lower Upper

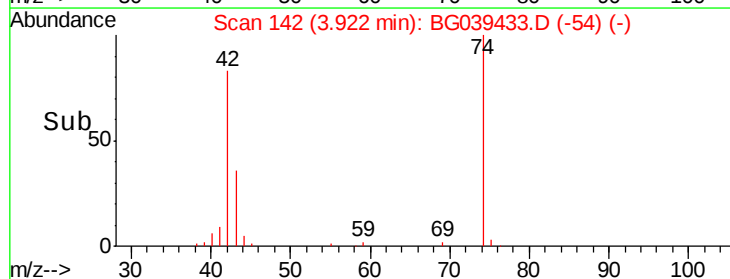
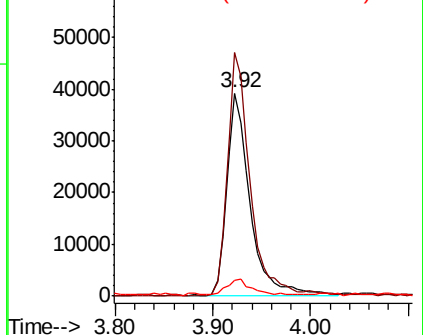
42 100

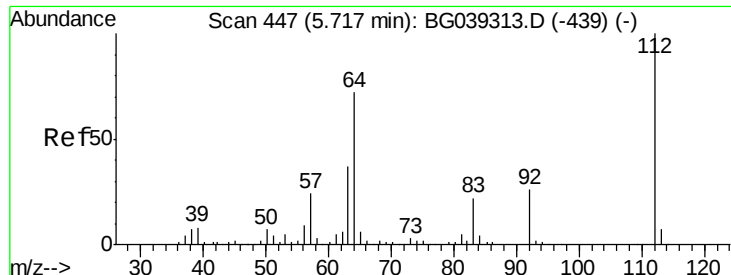
74 119.8 83.6 125.4

44 7.5 6.9 10.3



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





#5

2-Fluorophenol

Concen: 125.257 ng

RT: 5.71 min Scan# 446

Delta R.T. -0.01 min

Lab File: BG039433.D

Acq: 11 Feb 2019 14:16

Instrument :

BNA_G

ClientSampleId :

A0C12-SS1-7.5-8.0MS

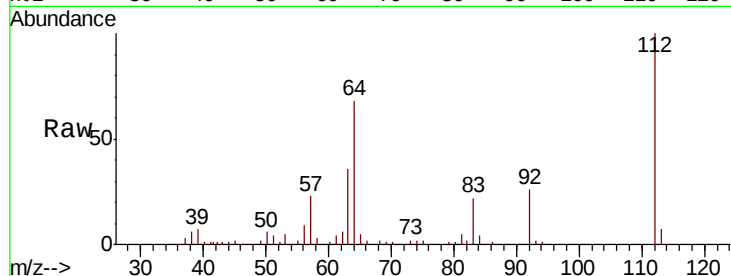
Tgt Ion: 112 Resp: 376163

Ion Ratio Lower Upper

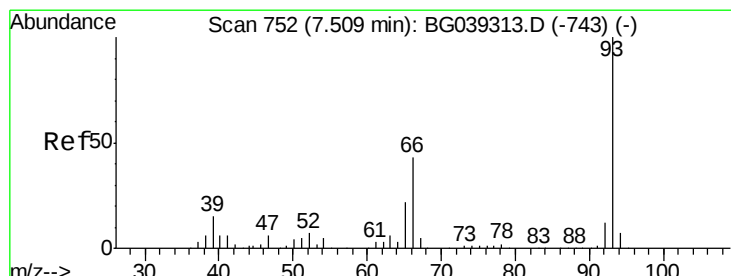
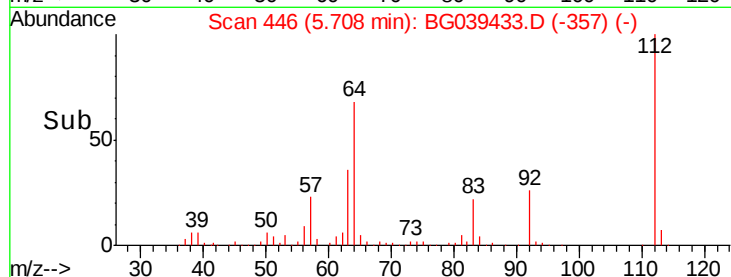
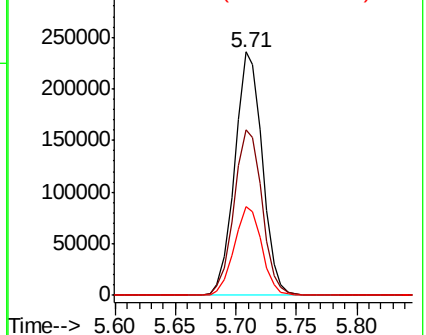
112 100

64 67.8 57.8 86.8

63 36.4 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: 14.425 ng

RT: 7.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BG039433.D

Acq: 11 Feb 2019 14:16

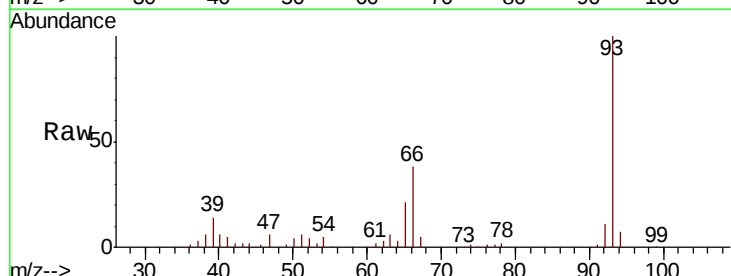
Tgt Ion: 93 Resp: 79874

Ion Ratio Lower Upper

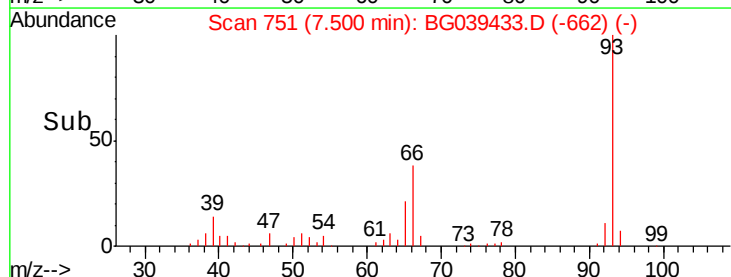
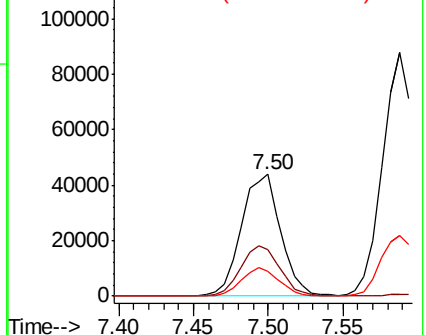
93 100

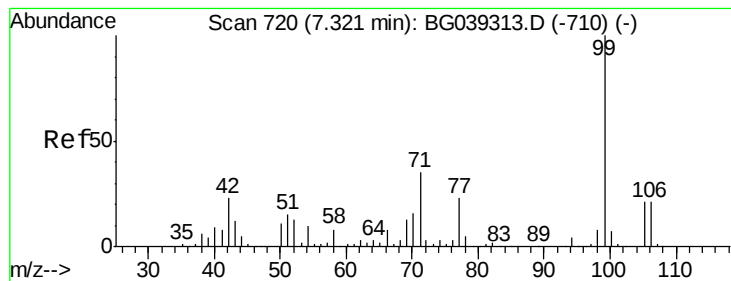
66 38.1 34.2 51.4

65 20.6 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: 127.070 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039433.D

Acq: 11 Feb 2019 14:16

Instrument :

BNA_G

ClientSampleId :

A0C12-SS1-7.5-8.0MS

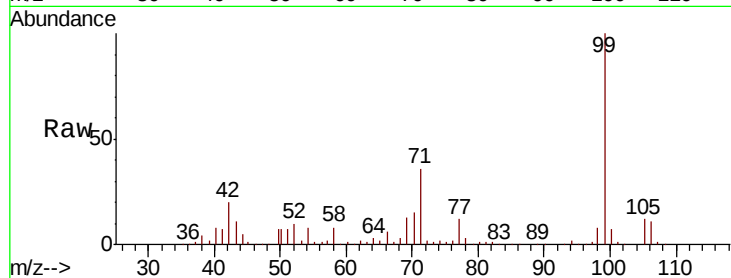
Tgt Ion: 99 Resp: 561718

Ion Ratio Lower Upper

99 100

42 20.2 18.2 27.2

71 35.8 28.0 42.0

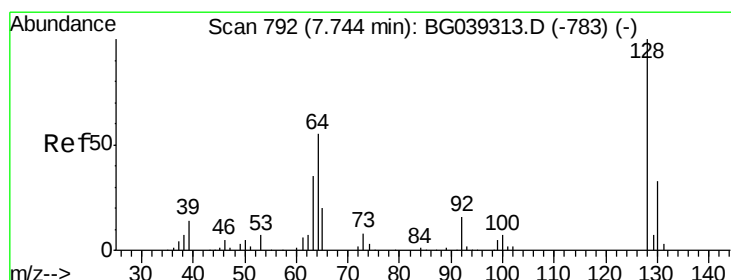
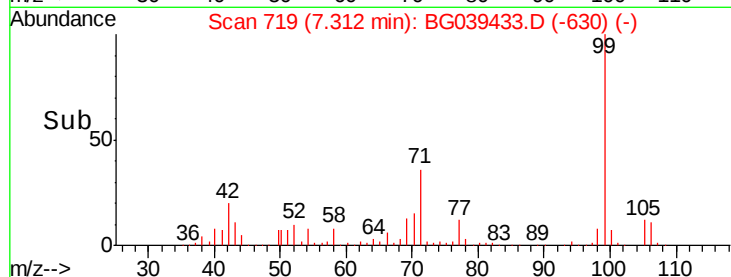
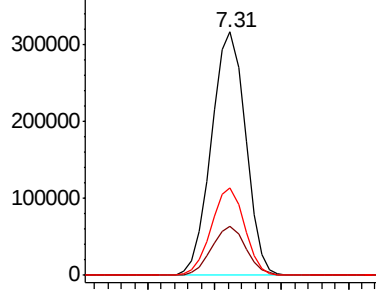


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 43.120 ng

RT: 7.73 min Scan# 790

Delta R.T. -0.01 min

Lab File: BG039433.D

Acq: 11 Feb 2019 14:16

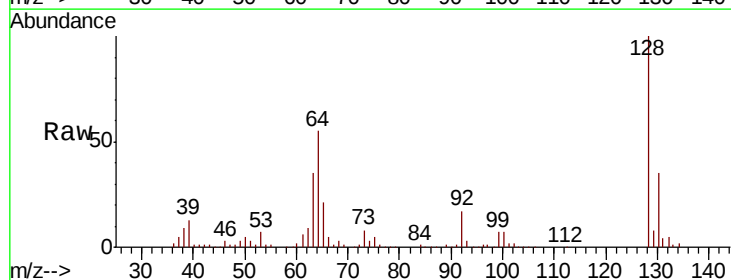
Tgt Ion: 128 Resp: 141550

Ion Ratio Lower Upper

128 100

130 35.0 12.9 52.9

64 55.0 38.7 78.7

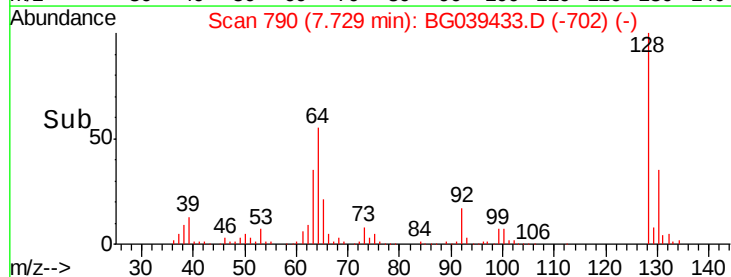
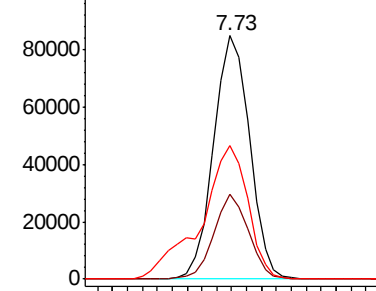


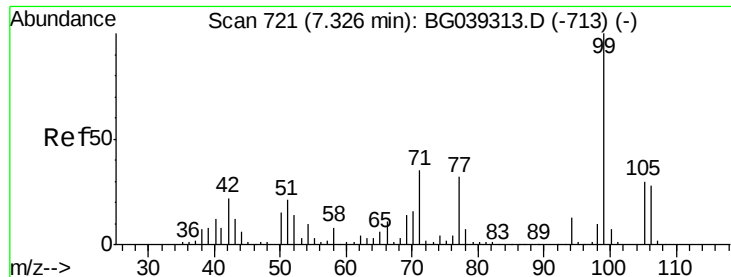
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 28.841 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039433.D

Acq: 11 Feb 2019 14:16

Instrument :

BNA_G

ClientSampleId :

A0C12-SS1-7.5-8.0MS

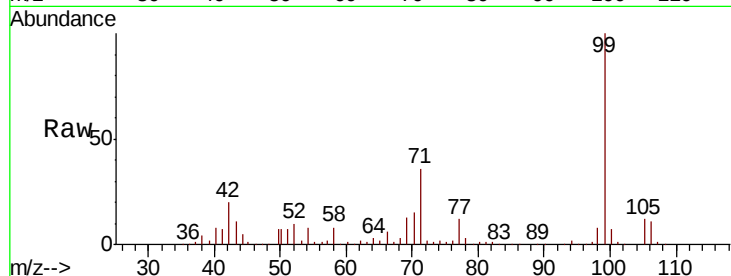
Tgt Ion: 77 Resp: 69104

Ion Ratio Lower Upper

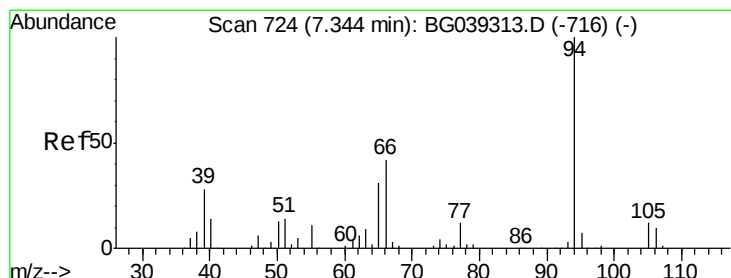
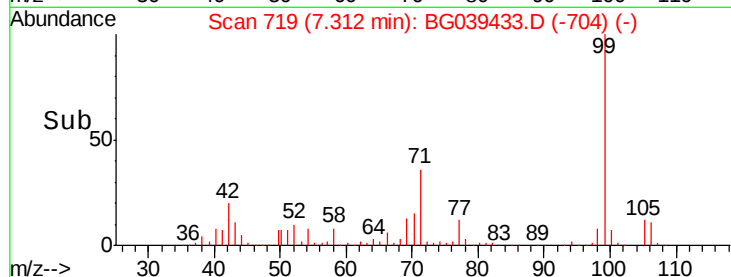
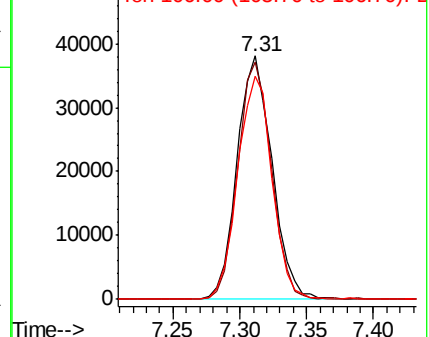
77 100

105 97.7 74.5 114.5

106 91.7 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: 46.598 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG039433.D

Acq: 11 Feb 2019 14:16

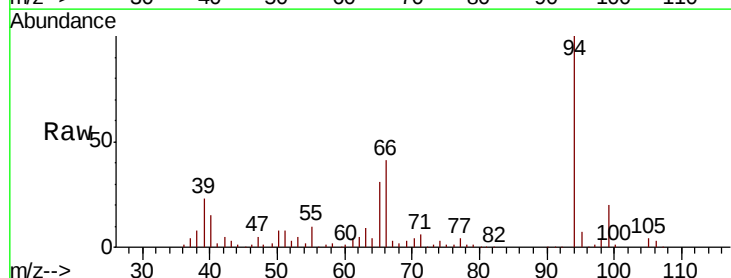
Tgt Ion: 94 Resp: 214727

Ion Ratio Lower Upper

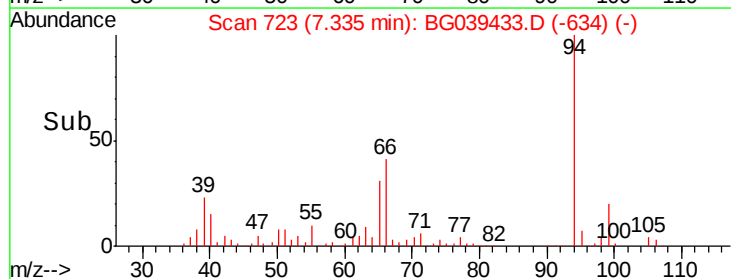
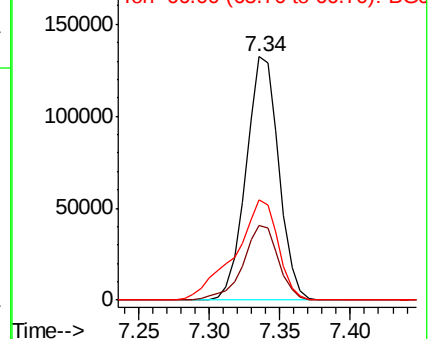
94 100

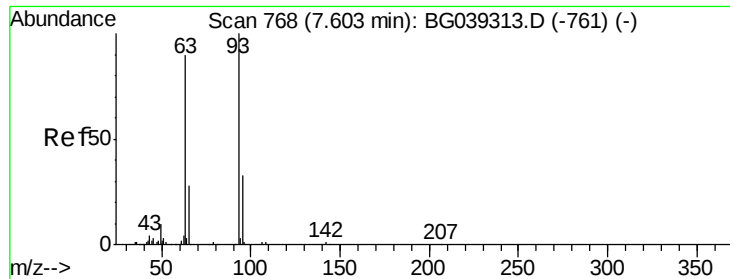
65 30.7 11.7 51.7

66 41.2 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

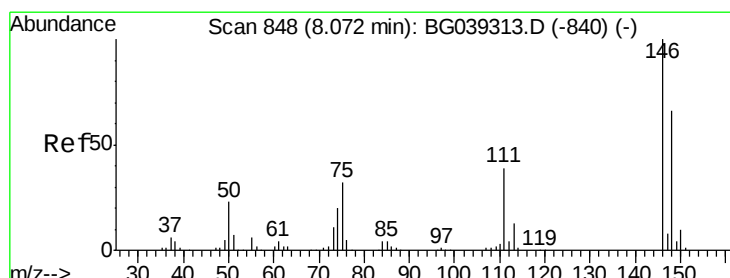
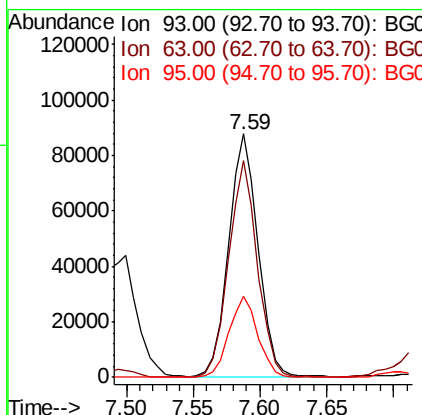
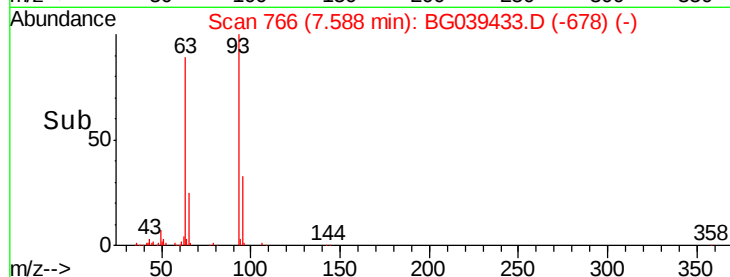
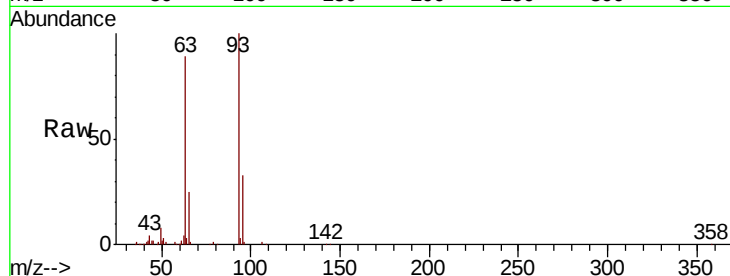




#11
bis(2-Chloroethyl)ether
Concen: 36.980 ng
RT: 7.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BG039433.D
Acq: 11 Feb 2019 14:16

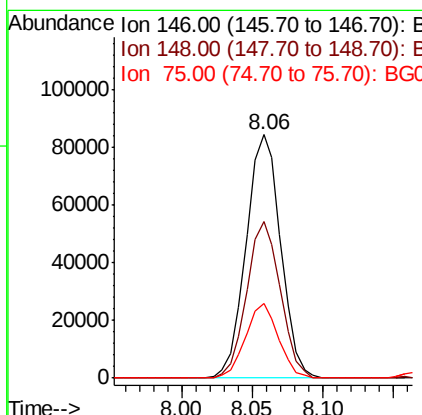
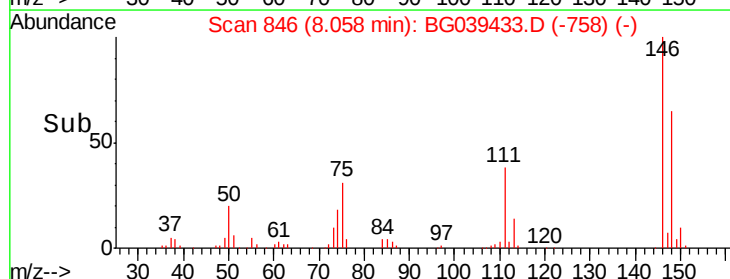
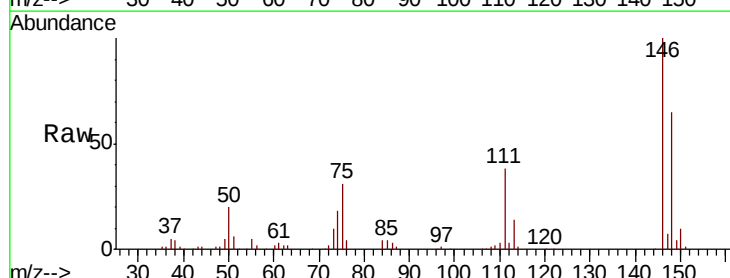
Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0MS

Tgt Ion: 93 Resp: 134653
Ion Ratio Lower Upper
93 100
63 89.0 69.5 109.5
95 33.1 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 36.375 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BG039433.D
Acq: 11 Feb 2019 14:16

Tgt Ion: 146 Resp: 144653
Ion Ratio Lower Upper
146 100
148 64.6 52.6 79.0
75 30.7 25.8 38.6

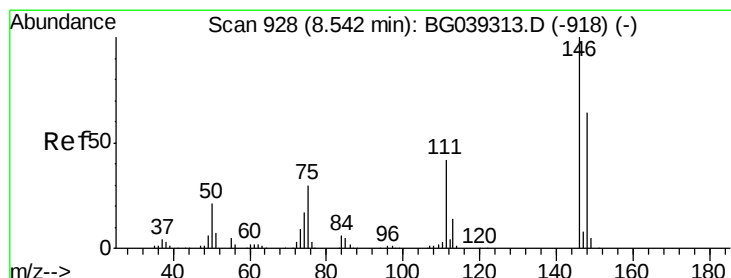
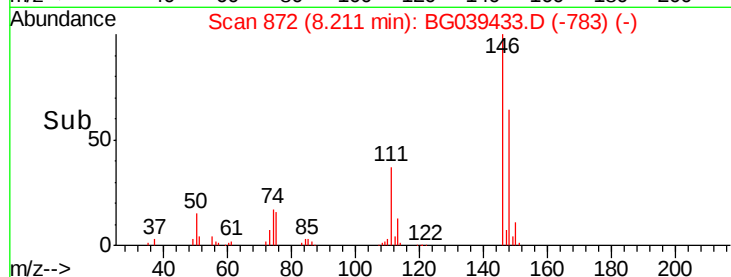
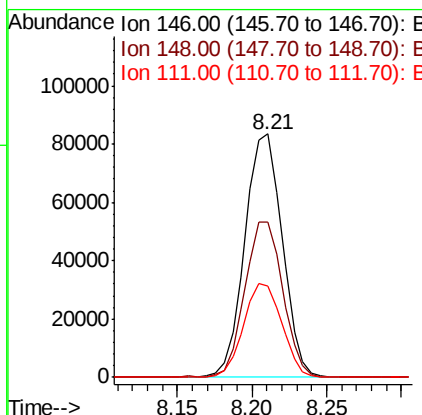
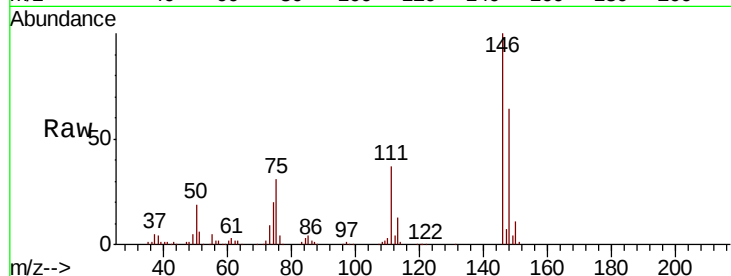




#13
 1,4-Dichlorobenzene
 Concen: 36.508 ng
 RT: 8.21 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: BG039433.D
 Acq: 11 Feb 2019 14:16

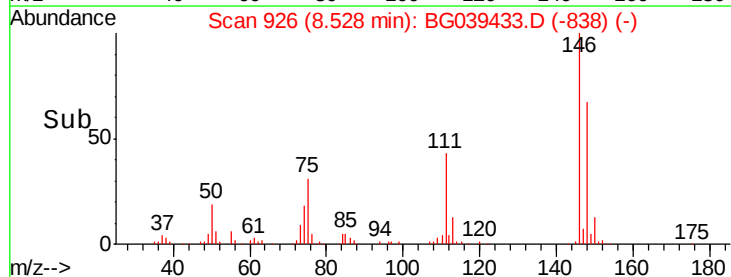
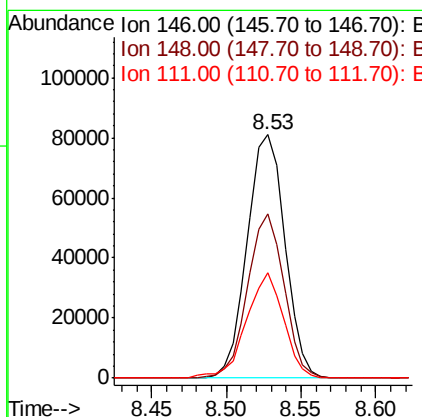
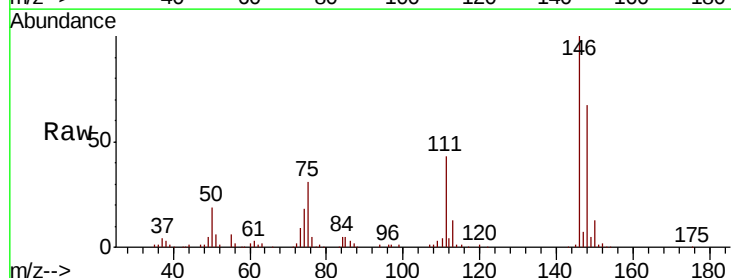
Instrument :
 BNA_G
 ClientSampleId :
 A0C12-SS1-7.5-8.0MS

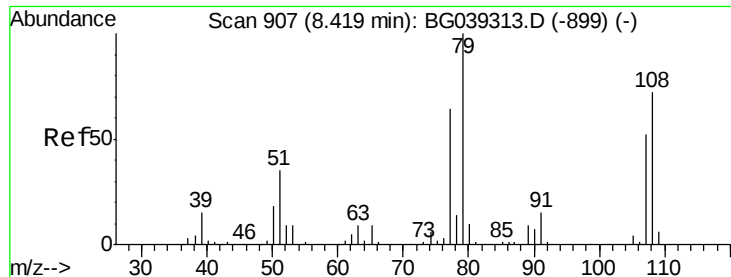
Tgt Ion:146 Resp: 144707
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.1 76.7
 111 37.4 32.6 48.8



#14
 1,2-Dichlorobenzene
 Concen: 36.909 ng
 RT: 8.53 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BG039433.D
 Acq: 11 Feb 2019 14:16

Tgt Ion:146 Resp: 141627
 Ion Ratio Lower Upper
 146 100
 148 67.3 51.5 77.3
 111 43.1 33.8 50.6





#15

Benzyl Alcohol

Concen: 40.838 ng

RT: 8.40 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG039433.D

Acq: 11 Feb 2019 14:16

Instrument :

BNA_G

ClientSampleId :

A0C12-SS1-7.5-8.0MS

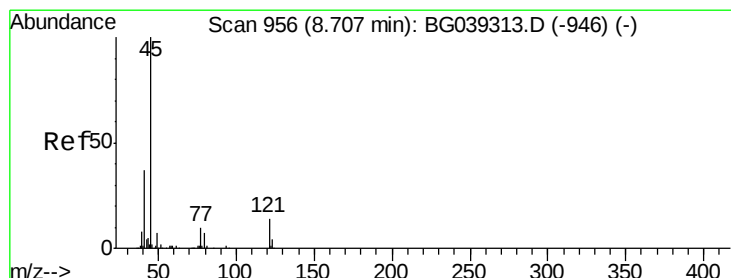
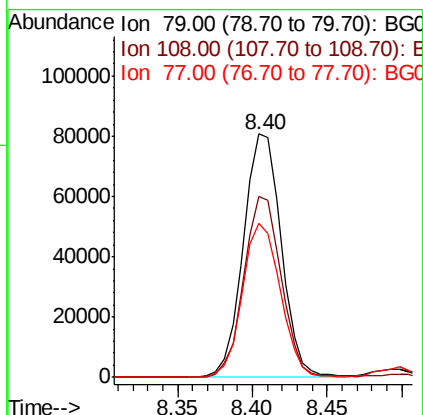
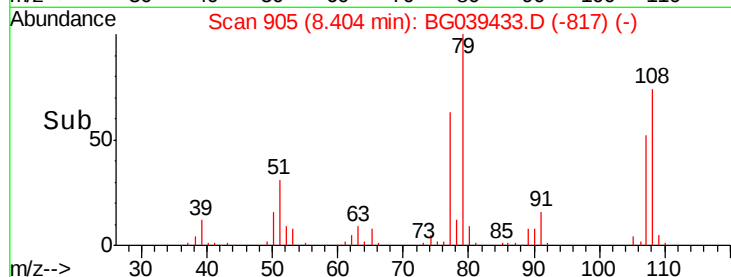
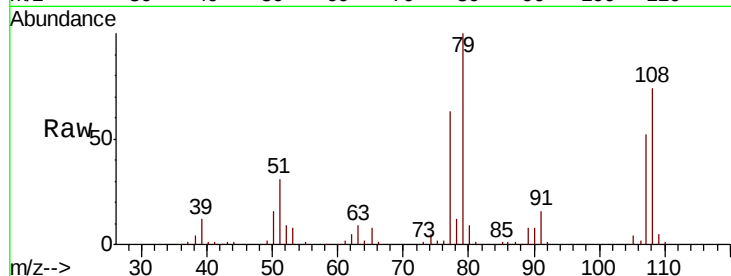
Tgt Ion: 79 Resp: 141728

Ion Ratio Lower Upper

79 100

108 74.4 57.8 86.6

77 63.4 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.997 ng

RT: 8.69 min Scan# 953

Delta R.T. -0.02 min

Lab File: BG039433.D

Acq: 11 Feb 2019 14:16

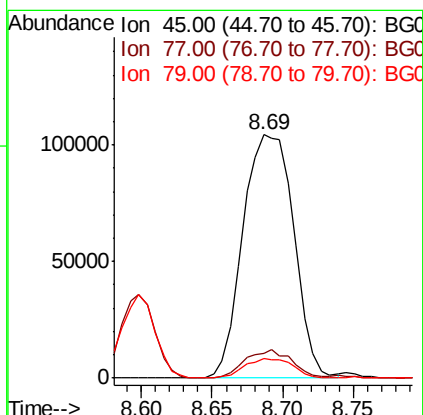
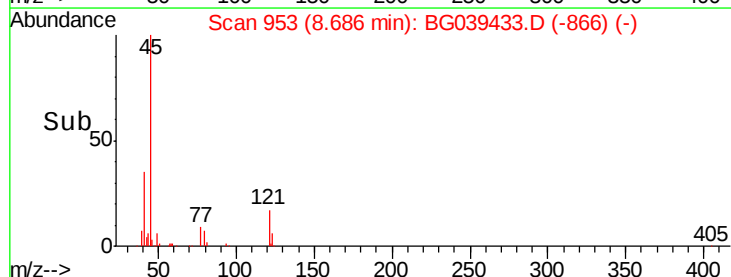
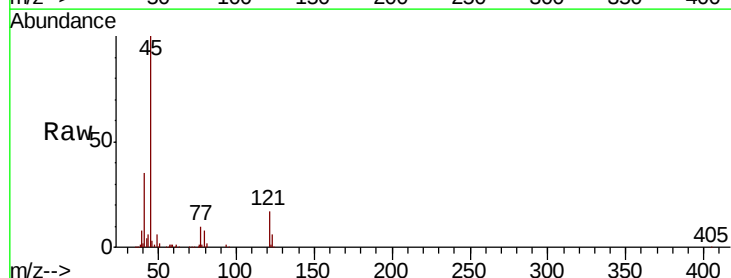
Tgt Ion: 45 Resp: 263106

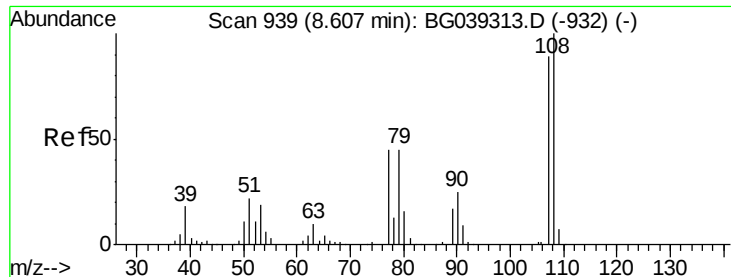
Ion Ratio Lower Upper

45 100

77 10.0 0.0 30.0

79 7.8 0.0 27.5

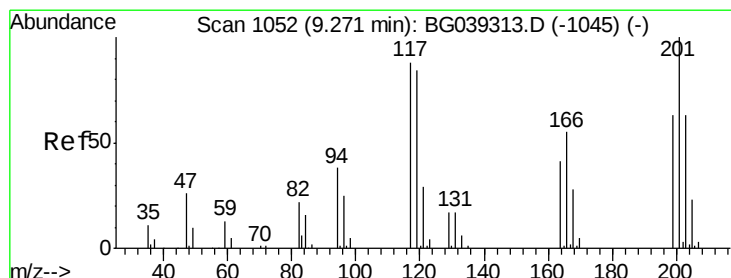
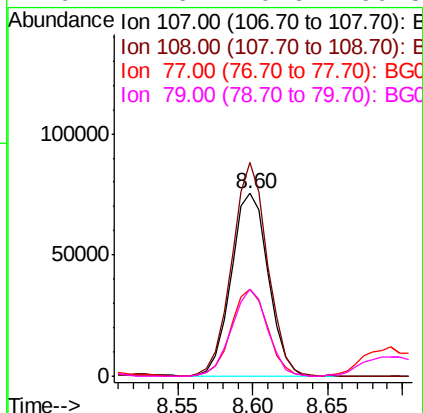
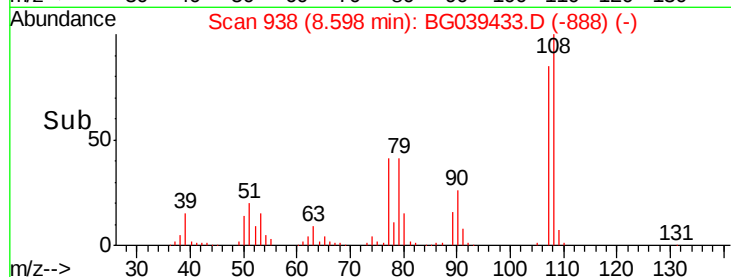
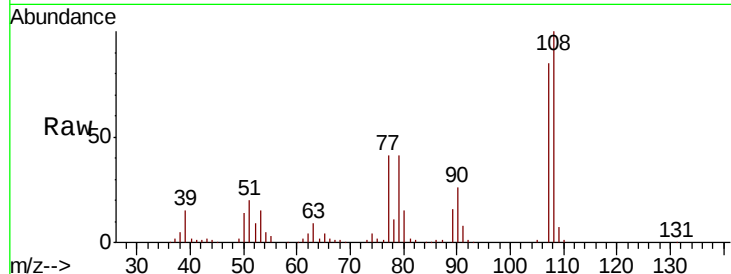




#17
2-Methylphenol
Concen: 43.914 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG039433.D
Acq: 11 Feb 2019 14:16

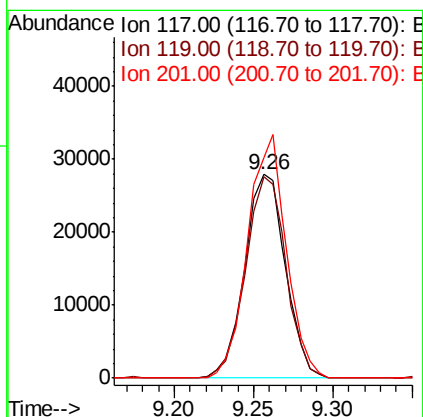
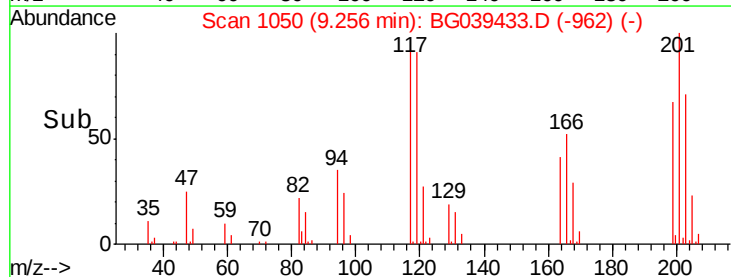
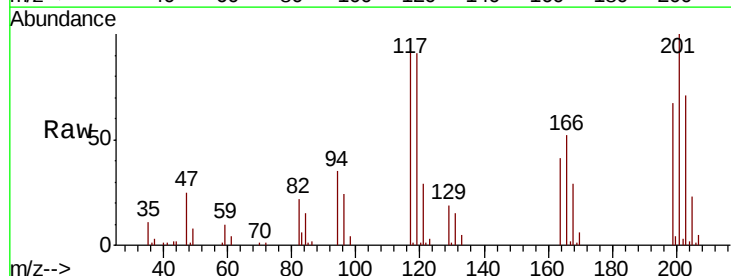
Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0MS

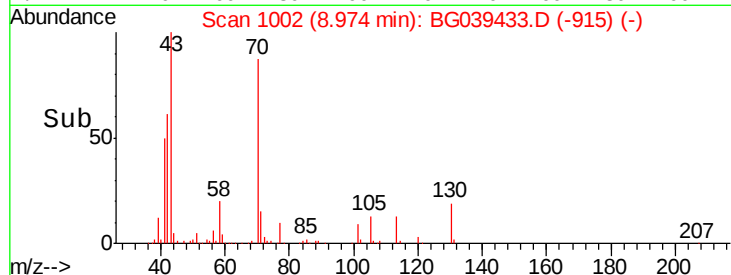
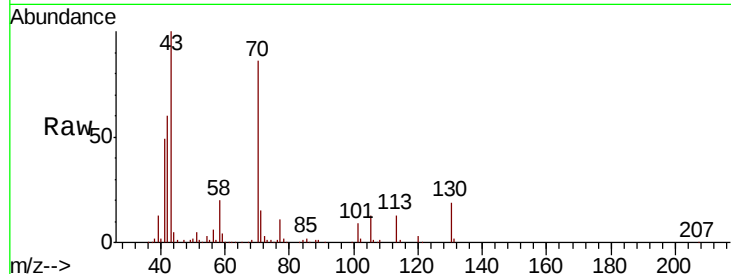
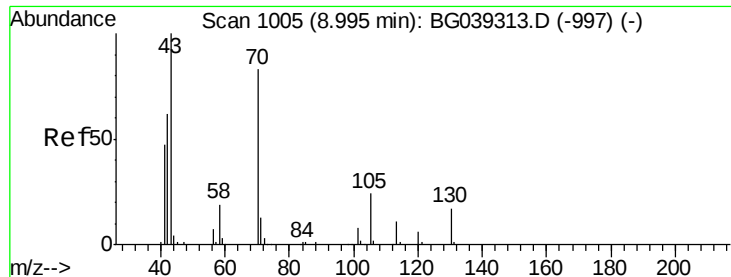
Tgt Ion	Ratio	Lower	Upper
107	100		
108	117.1	90.8	136.2
77	47.8	40.7	61.1
79	47.6	40.6	60.8



#18
Hexachloroethane
Concen: 36.567 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BG039433.D
Acq: 11 Feb 2019 14:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.7	76.3	114.5
201	108.3	91.1	136.7

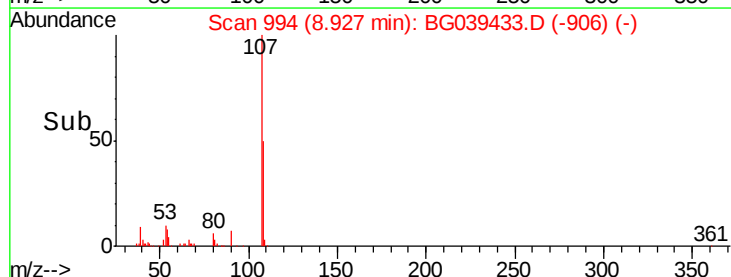
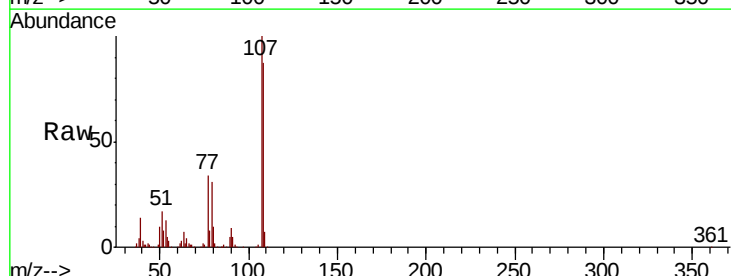
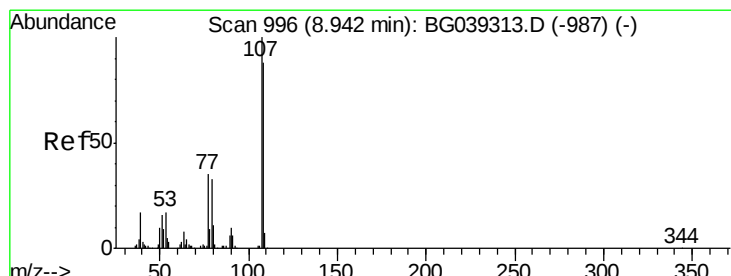
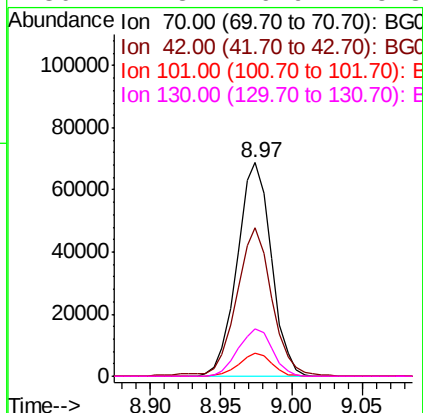




#19
n-Nitroso-di-n-propylamine
Concen: 37.041 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG039433.D
Acq: 11 Feb 2019 14:16

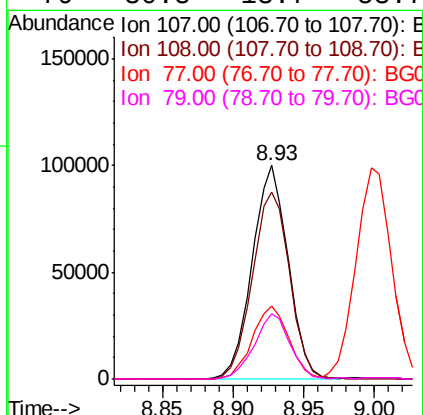
Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0MS

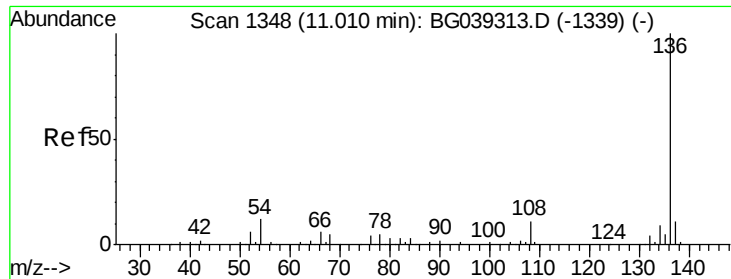
Tgt Ion:	70	Resp:	116217
Ion	Ratio	Lower	Upper
70	100		
42	69.8	60.4	90.6
101	10.9	7.5	11.3
130	22.3	16.9	25.3



#20
3+4-Methylphenols
Concen: 43.583 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BG039433.D
Acq: 11 Feb 2019 14:16

Tgt Ion:	107	Resp:	178970
Ion	Ratio	Lower	Upper
107	100		
108	87.5	67.9	107.9
77	34.1	15.4	55.4
79	30.8	13.7	53.7

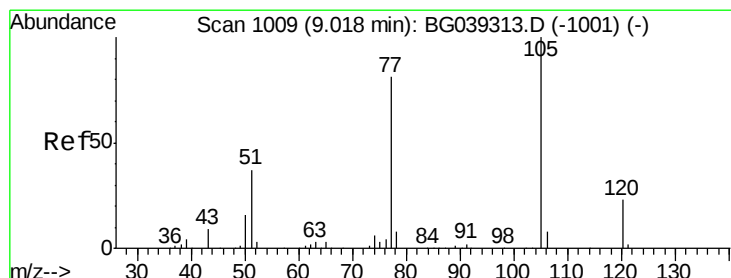
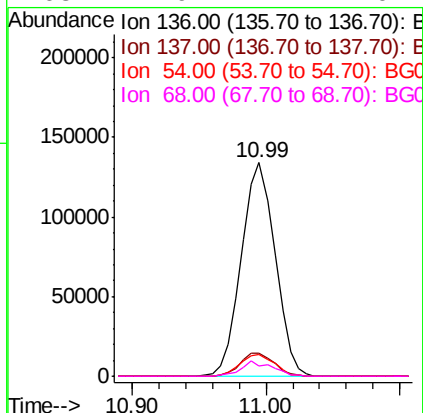
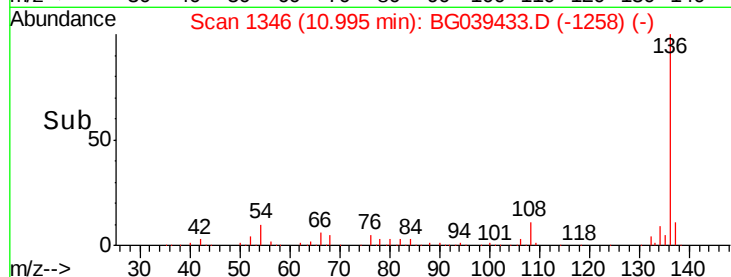
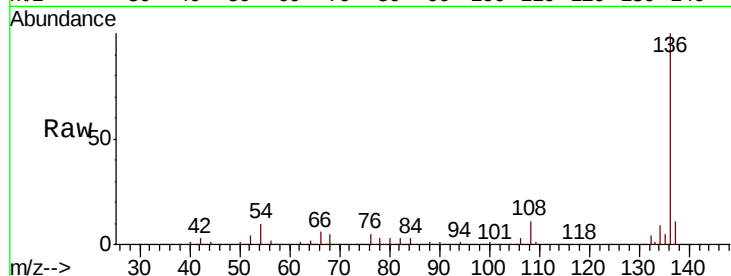




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039433.D
Acq: 11 Feb 2019 14:16

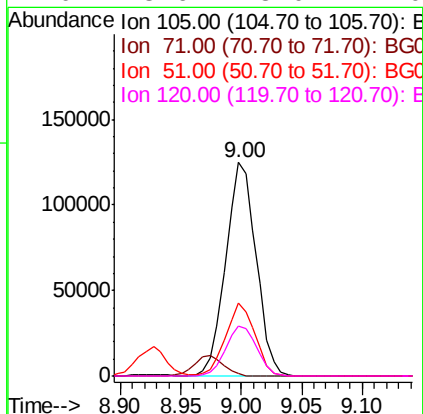
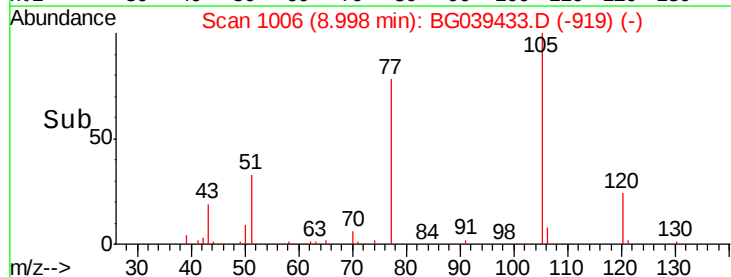
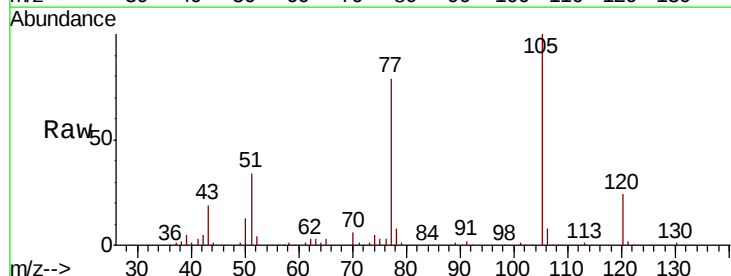
Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0MS

Tgt Ion:	136	Resp:	236056
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	10.5	9.4	14.2
68	4.9	4.2	6.4



#22
Acetophenone
Concen: 34.398 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG039433.D
Acq: 11 Feb 2019 14:16

Tgt Ion:	105	Resp:	218115
Ion	Ratio	Lower	Upper
105	100		
71	0.9	0.8	1.2
51	34.3	30.2	45.2
120	23.6	18.0	27.0

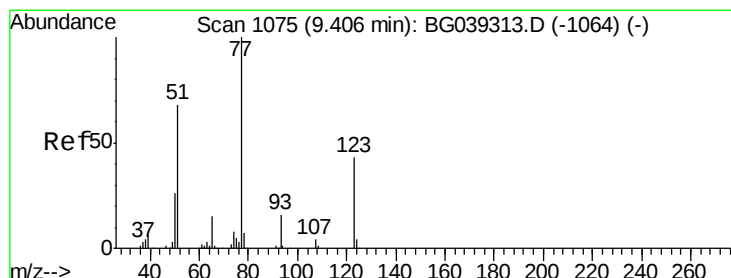
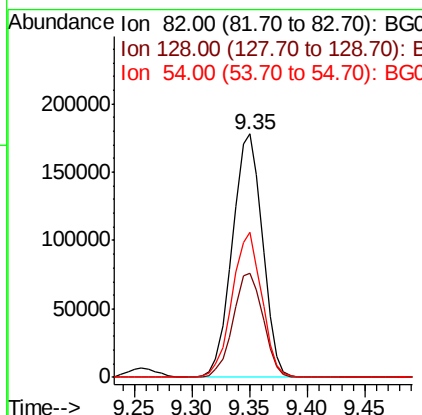
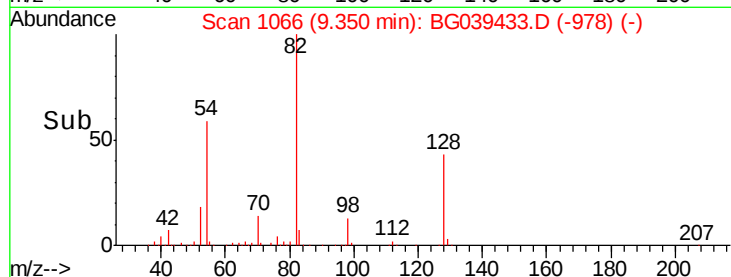
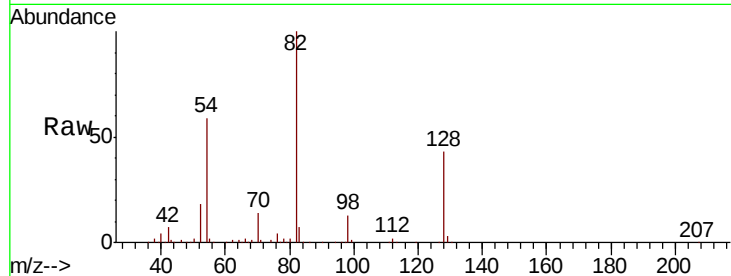




#23
Nitrobenzene-d5
Concen: 85.369 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039433.D
Acq: 11 Feb 2019 14:16

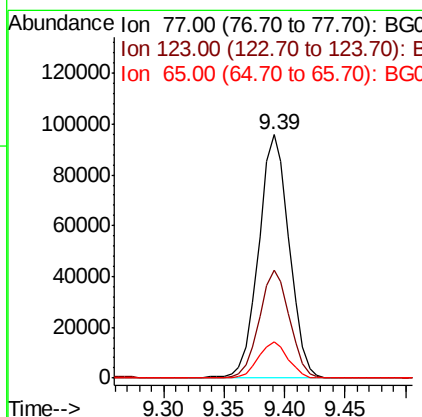
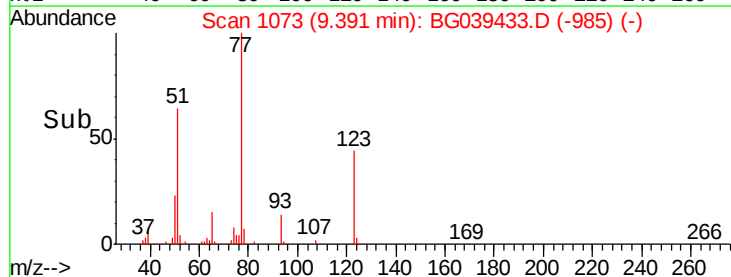
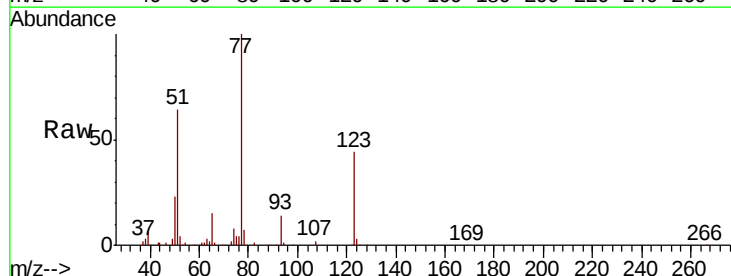
Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0MS

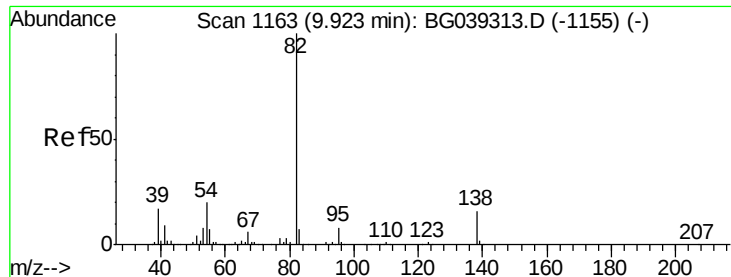
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.7	31.3	46.9
54	59.4	50.9	76.3



#24
Nitrobenzene
Concen: 41.031 ng
RT: 9.39 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BG039433.D
Acq: 11 Feb 2019 14:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.3	34.1	51.1
65	15.0	12.3	18.5





#25

Isophorone

Concen: 40.023 ng

RT: 9.91 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BG039433.D

Acq: 11 Feb 2019 14:16

Instrument :

BNA_G

ClientSampleId :

A0C12-SS1-7.5-8.0MS

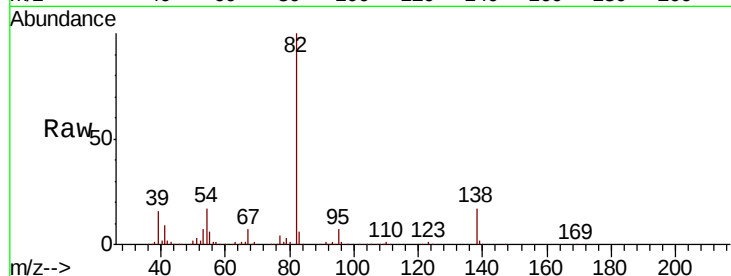
Tgt Ion: 82 Resp: 335126

Ion Ratio Lower Upper

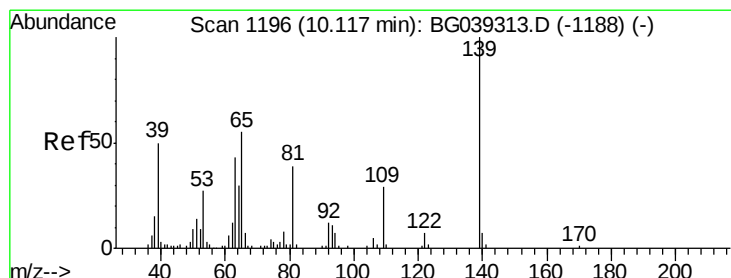
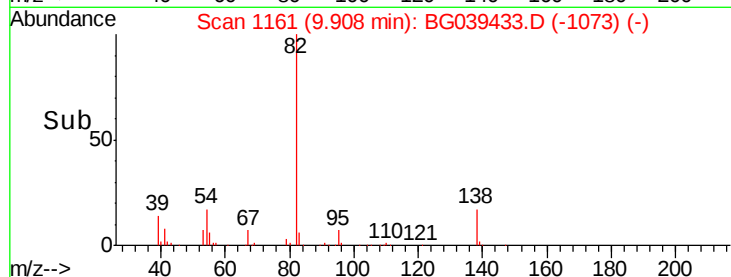
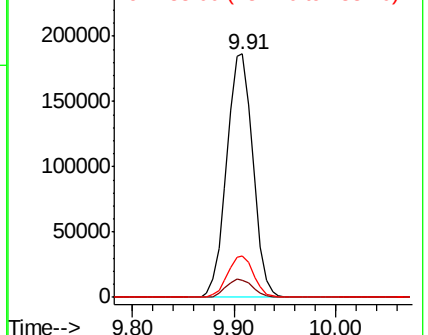
82 100

95 7.0 6.2 9.2

138 17.2 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: 49.195 ng

RT: 10.10 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BG039433.D

Acq: 11 Feb 2019 14:16

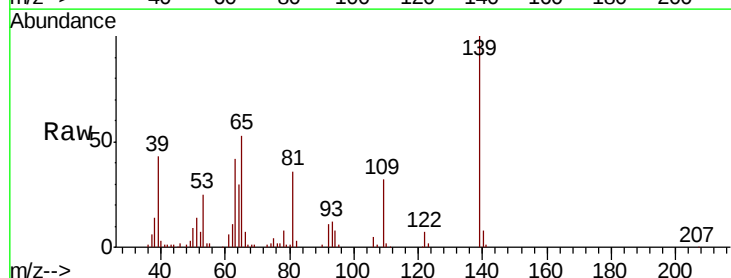
Tgt Ion: 139 Resp: 79206

Ion Ratio Lower Upper

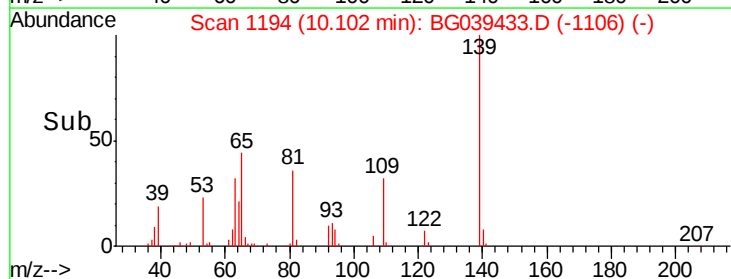
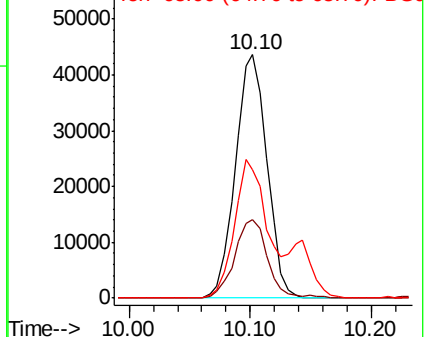
139 100

109 32.1 23.4 35.0

65 53.0 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

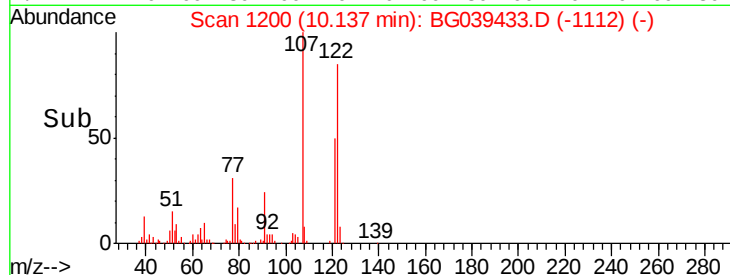
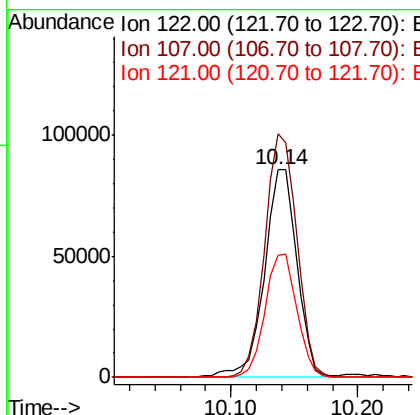
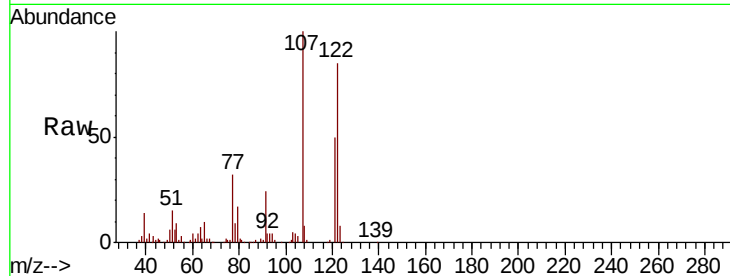




#27
 2,4-Dimethylphenol
 Concen: 45.054 ng
 RT: 10.14 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BG039433.D
 Acq: 11 Feb 2019 14:16

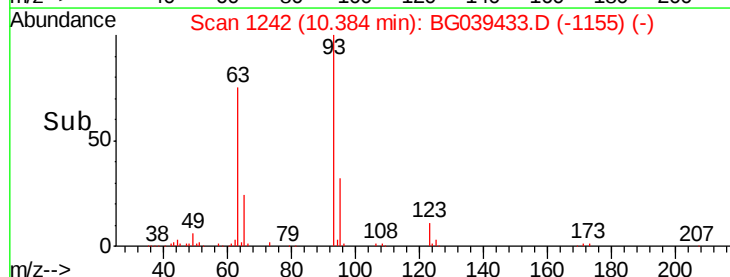
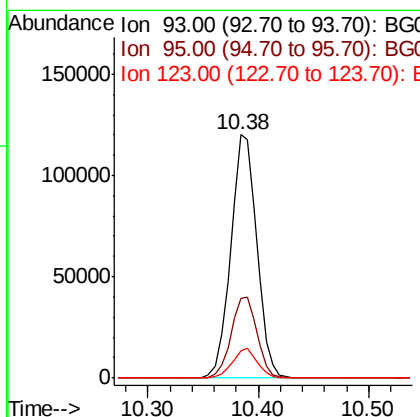
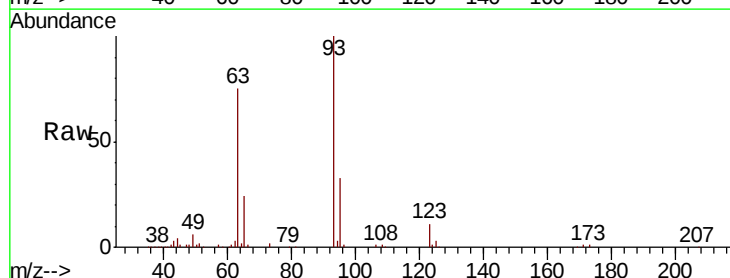
Instrument :
 BNA_G
 ClientSampleId :
 A0C12-SS1-7.5-8.0MS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	117.4	91.7	137.5
121	58.6	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.459 ng
 RT: 10.38 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BG039433.D
 Acq: 11 Feb 2019 14:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.0	37.4
123	11.4	8.6	12.8

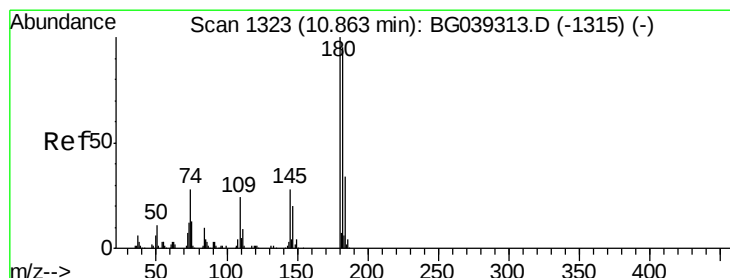
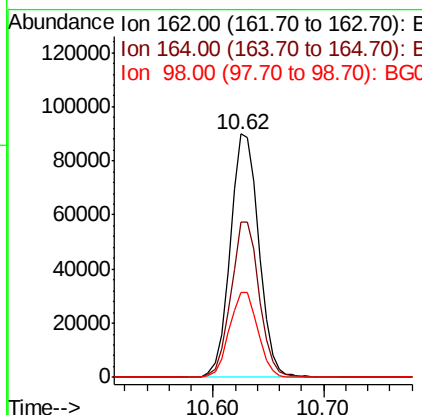
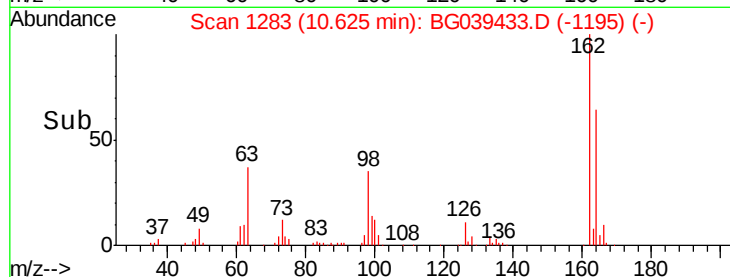
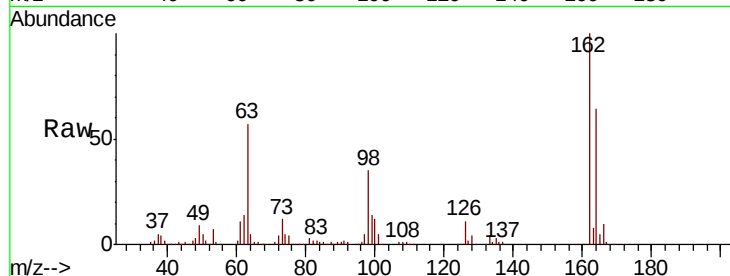




#29
 2,4-Dichlorophenol
 Concen: 44.027 ng
 RT: 10.62 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BG039433.D
 Acq: 11 Feb 2019 14:16

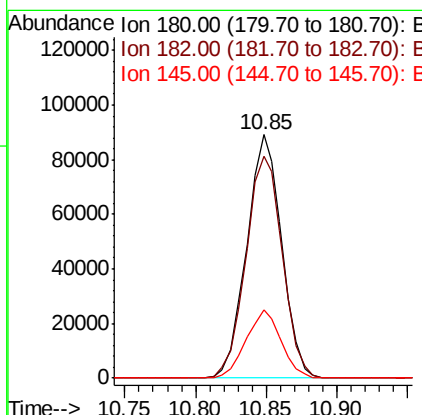
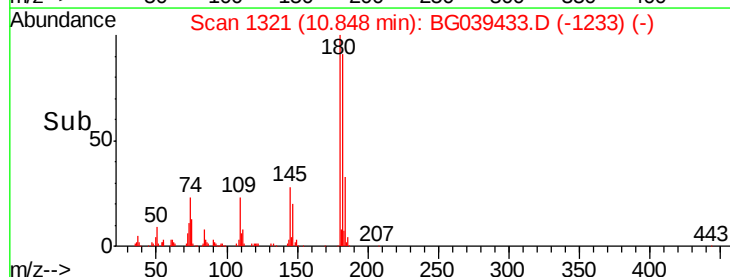
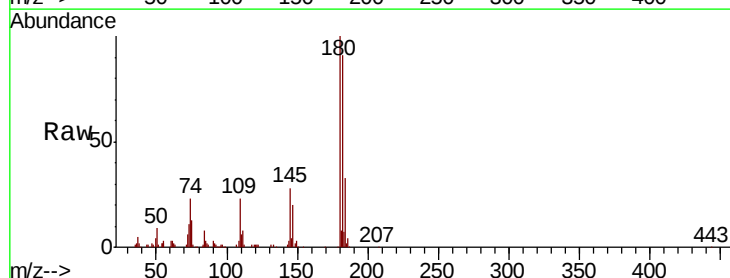
Instrument :
 BNA_G
 ClientSampleId :
 A0C12-SS1-7.5-8.0MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.5	48.1	88.1
98	34.8	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.154 ng
 RT: 10.85 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BG039433.D
 Acq: 11 Feb 2019 14:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.3	76.0	114.0
145	28.2	22.7	34.1

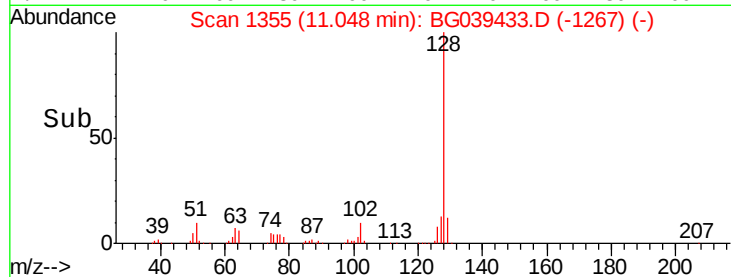
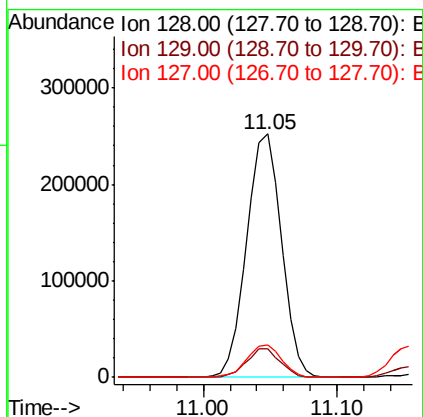
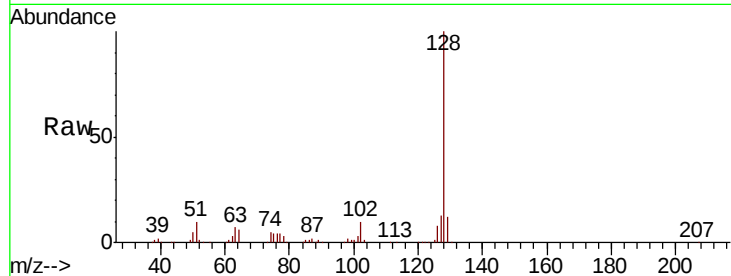




#31
Naphthalene
Concen: 38.825 ng
RT: 11.05 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BG039433.D
Acq: 11 Feb 2019 14:16

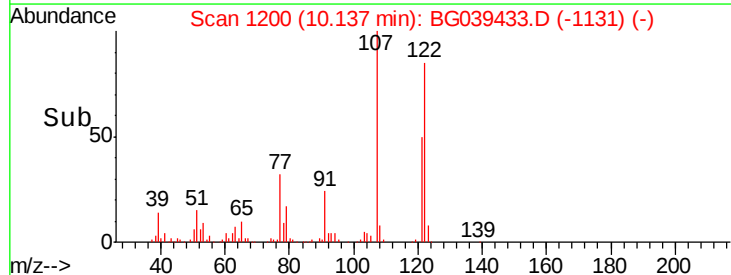
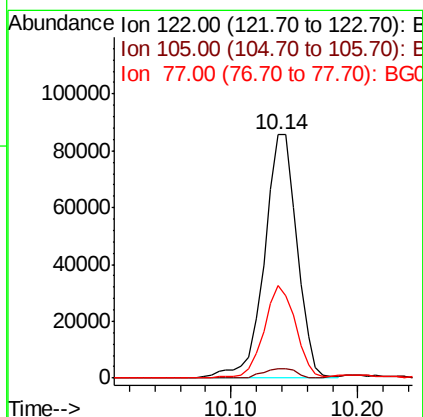
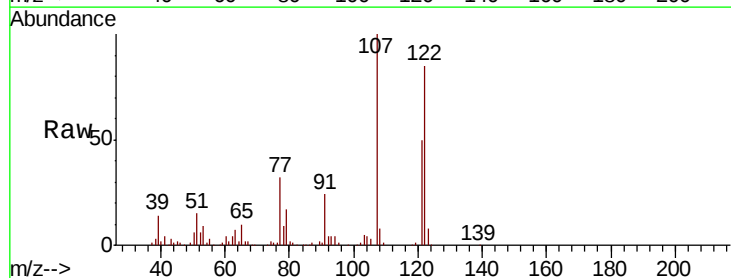
Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0MS

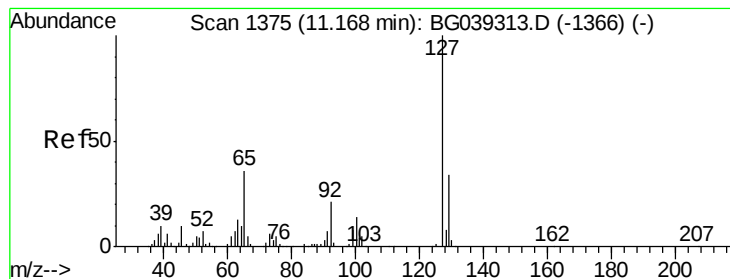
Tgt Ion:128 Resp: 454668
Ion Ratio Lower Upper
128 100
129 11.6 8.7 13.1
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 64.894 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.13 min
Lab File: BG039433.D
Acq: 11 Feb 2019 14:16

Tgt Ion:122 Resp: 152609
Ion Ratio Lower Upper
122 100
105 4.0 101.8 141.8#
77 38.0 76.3 116.3#





#33

4-Chloroaniline

Concen: 11.312 ng

RT: 11.15 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BG039433.D

Acq: 11 Feb 2019 14:16

Instrument :

BNA_G

ClientSampleId :

A0C12-SS1-7.5-8.0MS

Tgt Ion:127 Resp: 61422

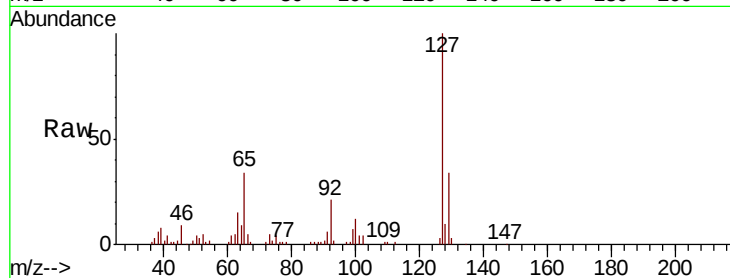
Ion Ratio Lower Upper

127 100

129 33.9 27.0 40.4

65 34.0 28.8 43.2

92 21.1 16.6 25.0

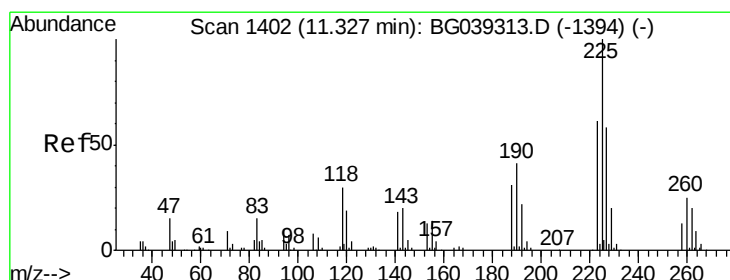
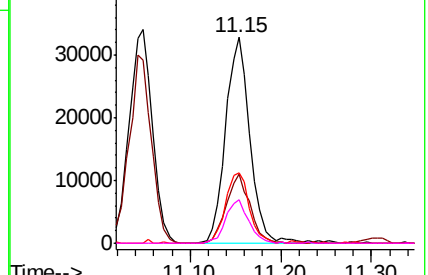
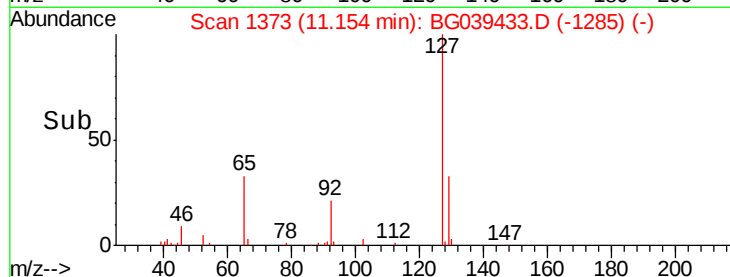


Abundance Ion 127.00 (126.70 to 127.70): E

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: 34.609 ng

RT: 11.31 min Scan# 1399

Delta R.T. -0.02 min

Lab File: BG039433.D

Acq: 11 Feb 2019 14:16

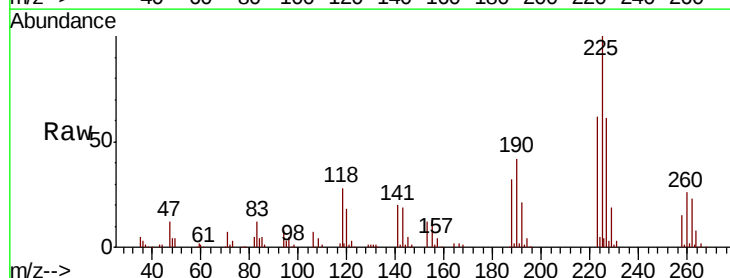
Tgt Ion:225 Resp: 95662

Ion Ratio Lower Upper

225 100

223 62.1 49.0 73.6

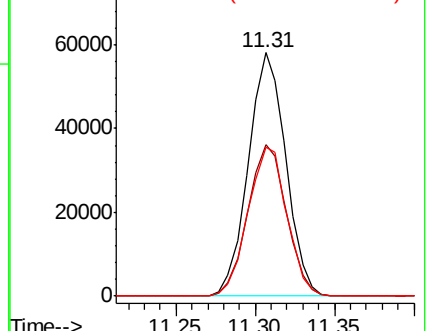
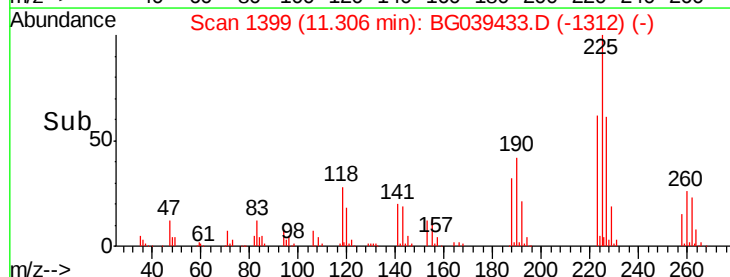
227 61.3 46.3 69.5

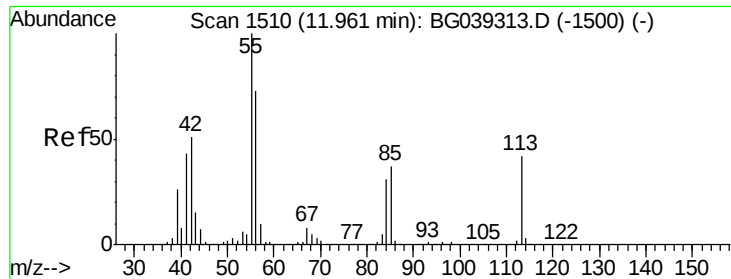


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 22.139 ng

RT: 11.92 min Scan# 1504

Delta R.T. -0.04 min

Lab File: BG039433.D

Acq: 11 Feb 2019 14:16

Instrument :

BNA_G

ClientSampleId :

A0C12-SS1-7.5-8.0MS

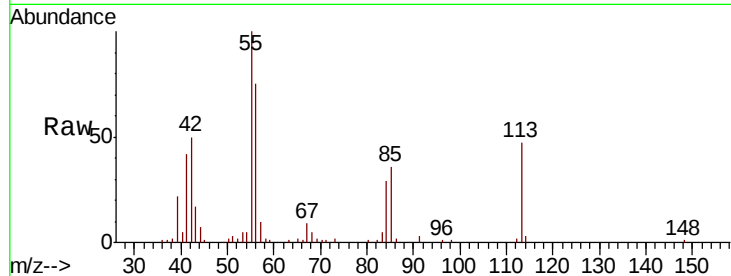
Tgt Ion:113 Resp: 33916

Ion Ratio Lower Upper

113 100

55 212.7 216.9 256.9#

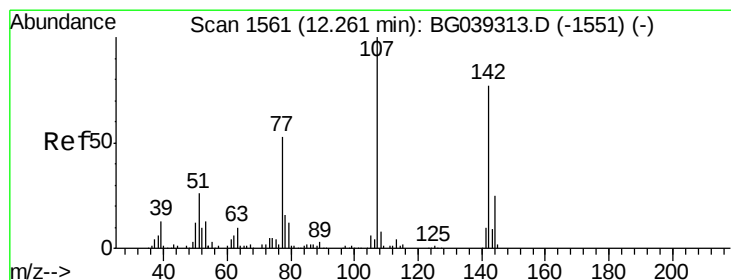
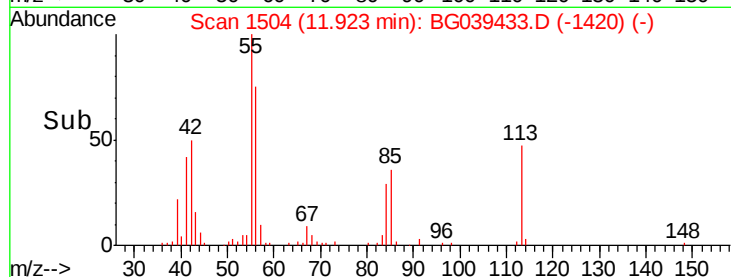
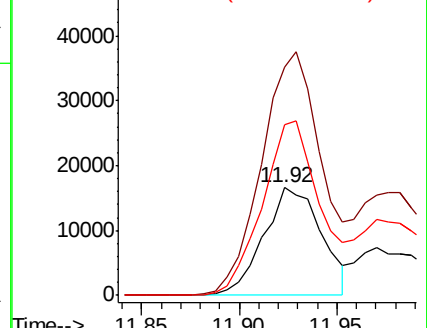
56 159.1 152.6 192.6



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: 42.014 ng

RT: 12.25 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BG039433.D

Acq: 11 Feb 2019 14:16

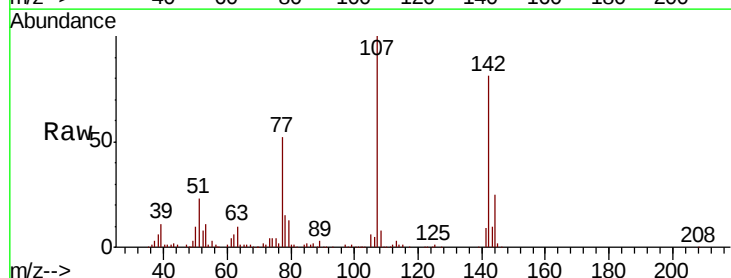
Tgt Ion:107 Resp: 179876

Ion Ratio Lower Upper

107 100

144 25.2 20.2 30.2

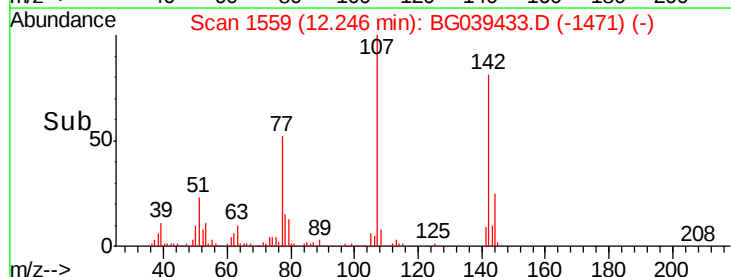
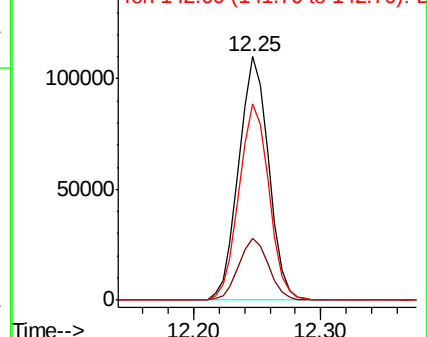
142 80.7 61.4 92.2

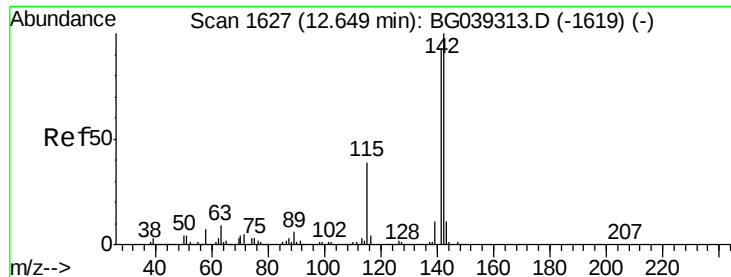


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

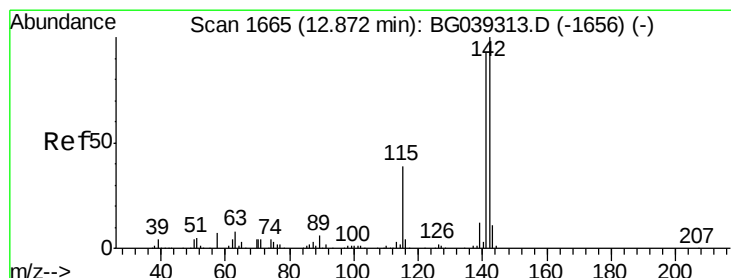
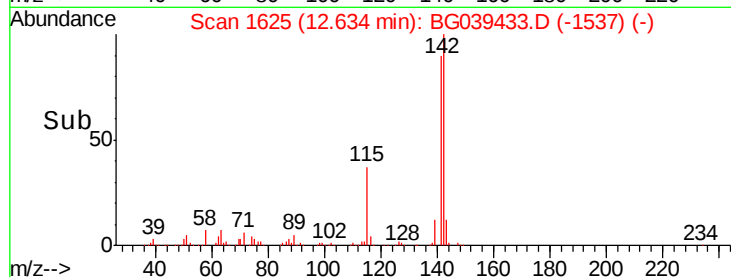
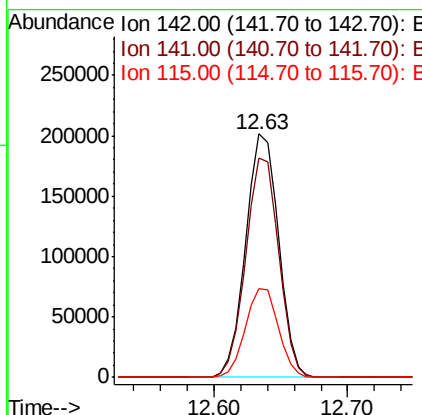
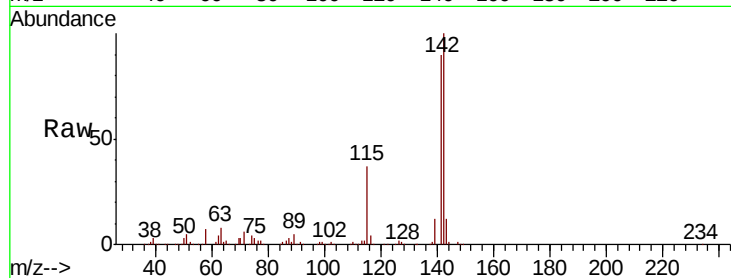




#37
2-Methylnaphthalene
Concen: 39.413 ng
RT: 12.63 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BG039433.D
Acq: 11 Feb 2019 14:16

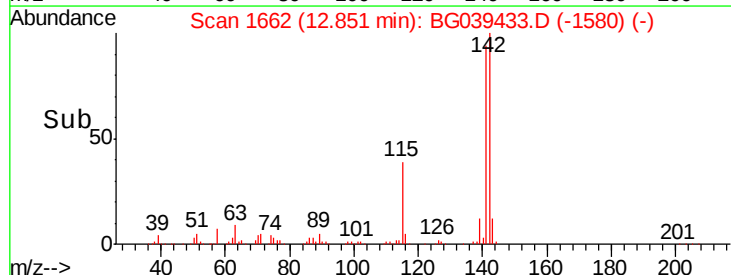
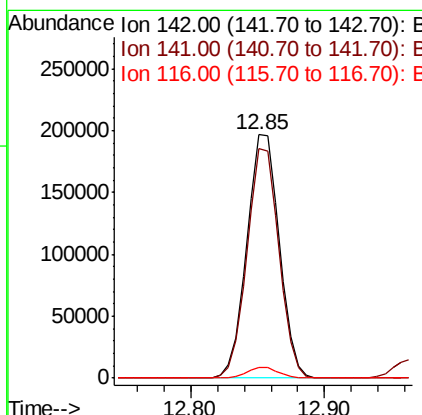
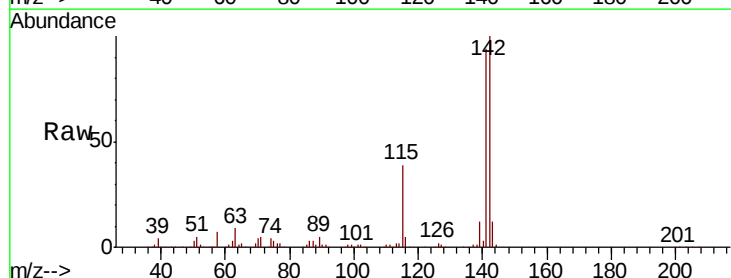
Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0MS

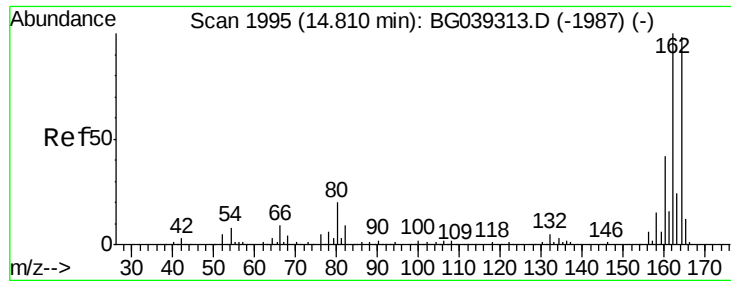
Tgt Ion:142 Resp: 341849
Ion Ratio Lower Upper
142 100
141 90.3 73.5 110.3
115 36.5 30.8 46.2



#38
1-Methylnaphthalene
Concen: 39.322 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.02 min
Lab File: BG039433.D
Acq: 11 Feb 2019 14:16

Tgt Ion:142 Resp: 328766
Ion Ratio Lower Upper
142 100
141 94.3 74.2 111.4
116 4.5 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG039433.D

Acq: 11 Feb 2019 14:16

Instrument :

BNA_G

ClientSampleId :

A0C12-SS1-7.5-8.0MS

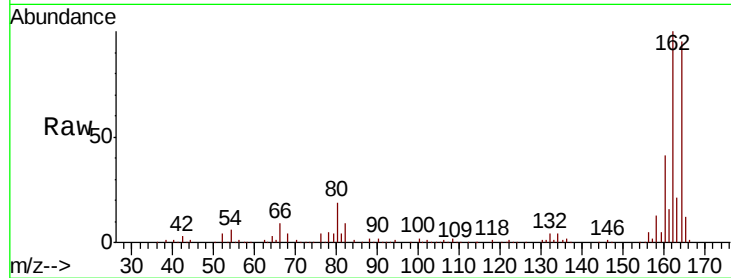
Tgt Ion:164 Resp: 164207

Ion Ratio Lower Upper

164 100

162 105.5 81.6 122.4

160 43.7 34.2 51.2

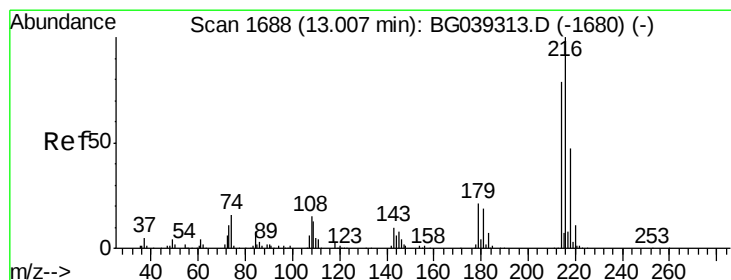
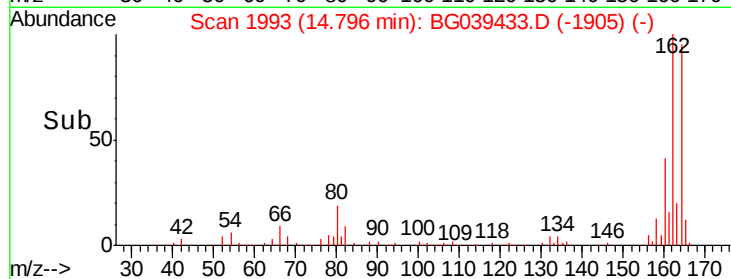
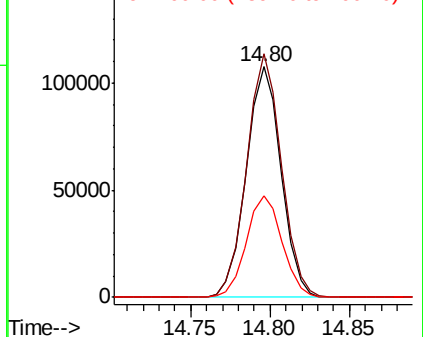


Abundance

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: 35.763 ng

RT: 12.99 min Scan# 1686

Delta R.T. -0.01 min

Lab File: BG039433.D

Acq: 11 Feb 2019 14:16

Tgt Ion:216 Resp: 186848

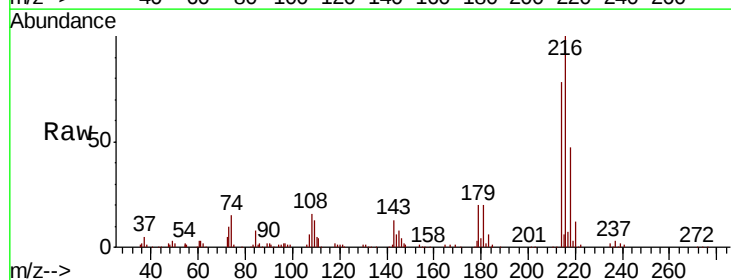
Ion Ratio Lower Upper

216 100

214 80.1 62.6 94.0

179 20.7 16.6 25.0

108 18.2 14.0 21.0



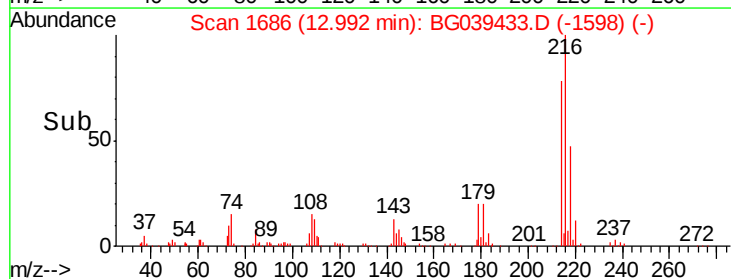
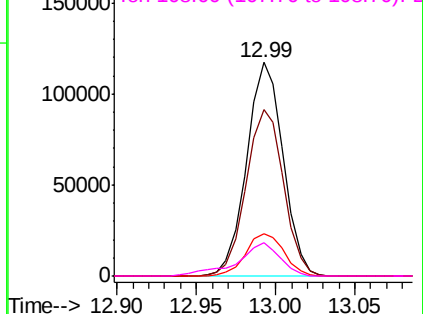
Abundance

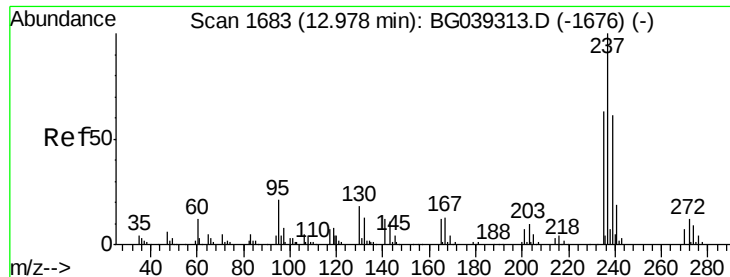
Ion 216.00 (215.70 to 216.70): E

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: 79.037 ng

RT: 12.96 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BG039433.D

Acq: 11 Feb 2019 14:16

Instrument :

BNA_G

ClientSampleId :

A0C12-SS1-7.5-8.0MS

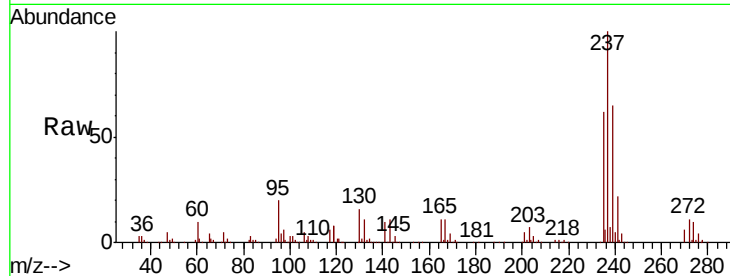
Tgt Ion:237 Resp: 225015

Ion Ratio Lower Upper

237 100

235 62.3 43.3 83.3

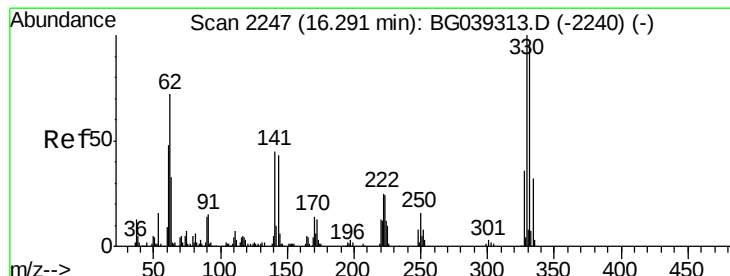
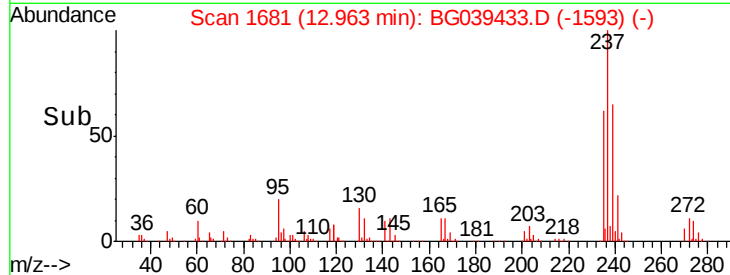
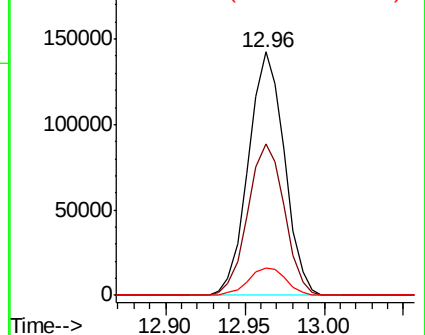
272 11.4 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 126.623 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039433.D

Acq: 11 Feb 2019 14:16

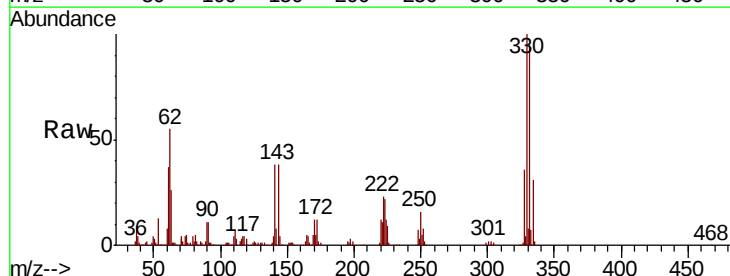
Tgt Ion:330 Resp: 223898

Ion Ratio Lower Upper

330 100

332 95.2 75.7 113.5

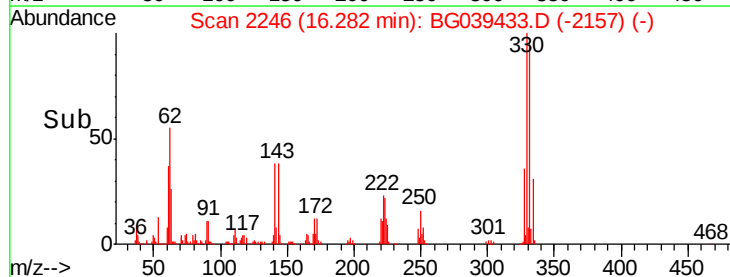
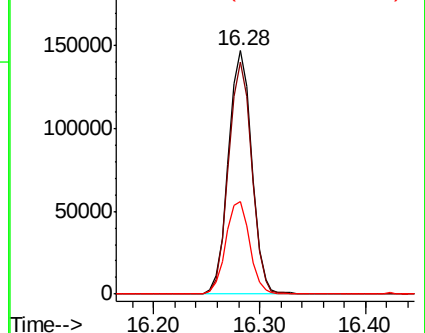
141 38.9 35.6 53.4

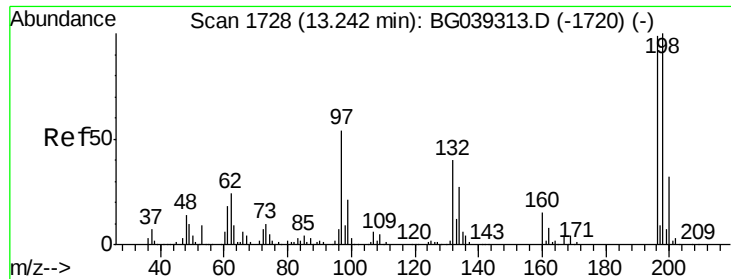


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

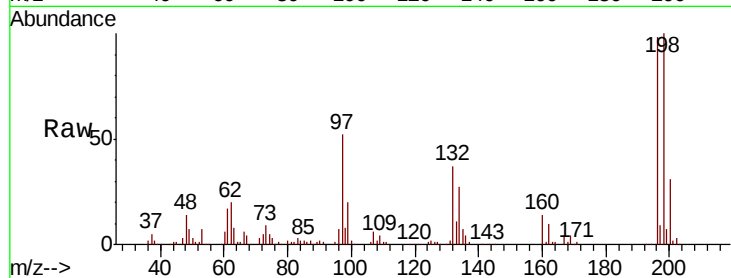




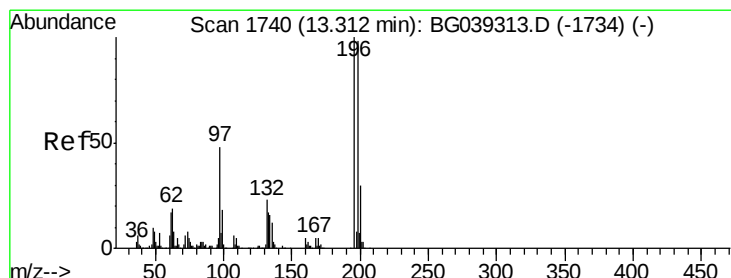
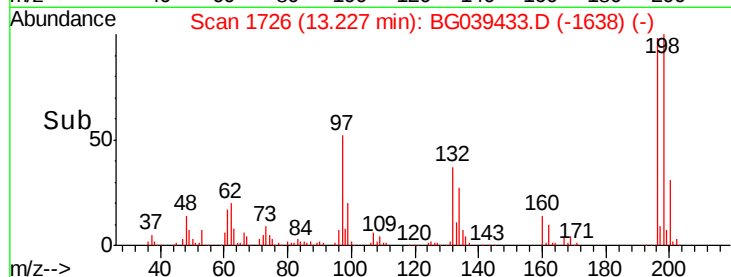
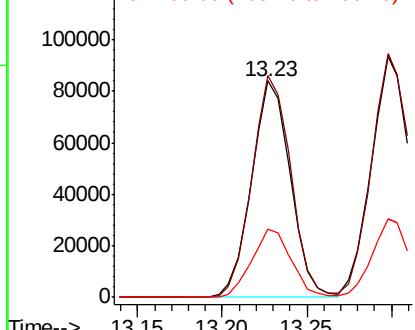
#43
 2,4,6-Trichlorophenol
 Concen: 41.930 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039433.D
 Acq: 11 Feb 2019 14:16

Instrument :
 BNA_G
 ClientSampleId :
 A0C12-SS1-7.5-8.0MS

Tgt Ion:196 Resp: 134694
 Ion Ratio Lower Upper
 196 100
 198 102.3 80.6 121.0
 200 31.6 26.1 39.1



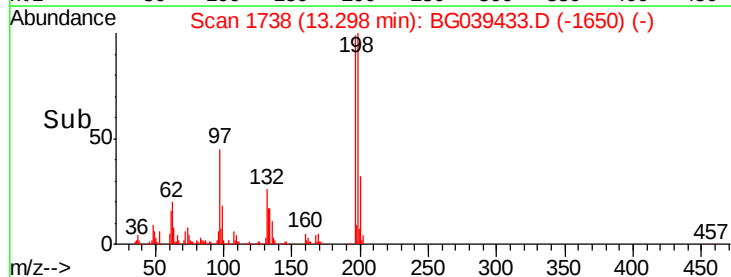
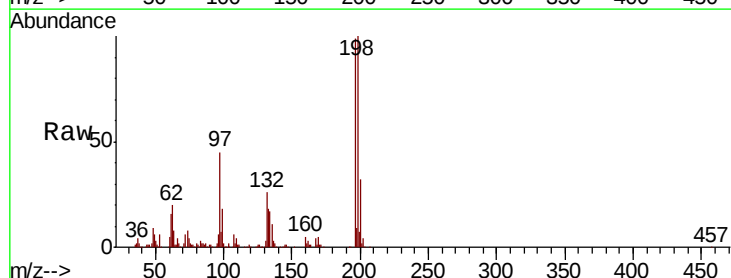
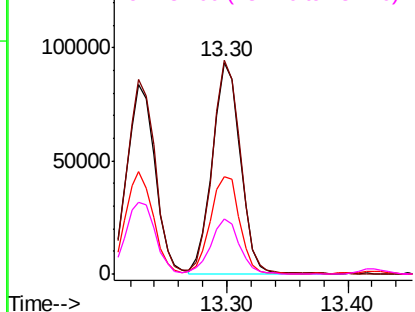
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 44.603 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG039433.D
 Acq: 11 Feb 2019 14:16

Tgt Ion:196 Resp: 150171
 Ion Ratio Lower Upper
 196 100
 198 101.0 78.5 117.7
 97 45.7 38.4 57.6
 132 26.1 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

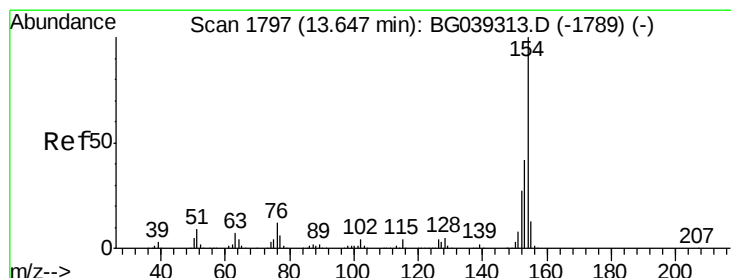
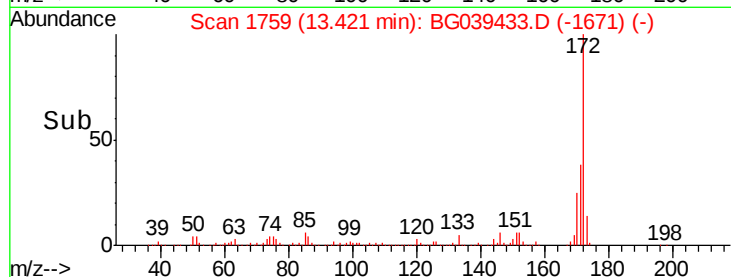
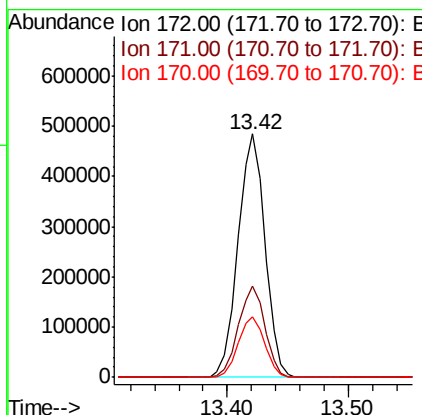
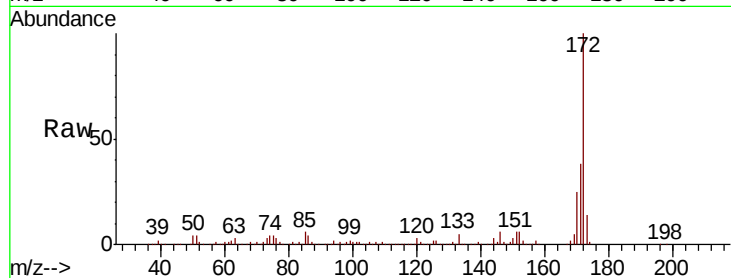




#45
 2-Fluorobiphenyl
 Concen: 65.724 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG039433.D
 Acq: 11 Feb 2019 14:16

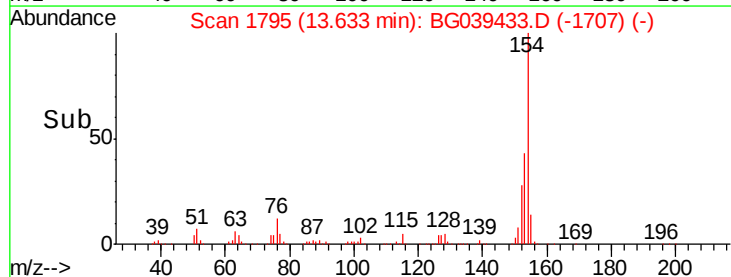
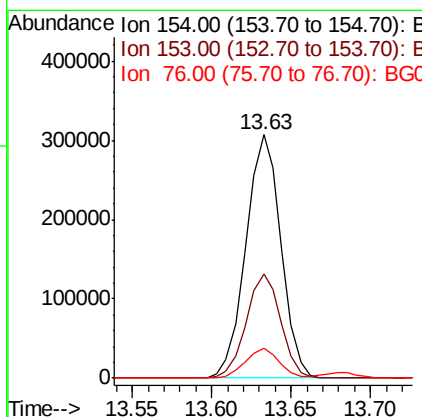
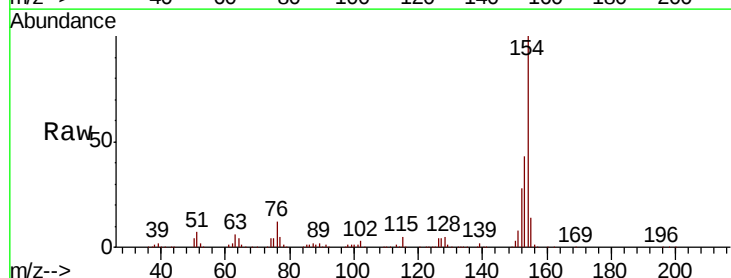
Instrument :
 BNA_G
 ClientSampleId :
 A0C12-SS1-7.5-8.0MS

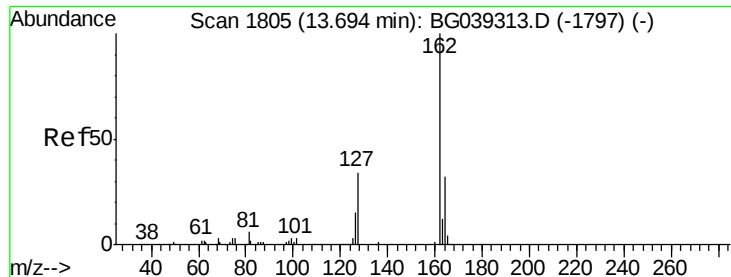
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.8	46.2
170	25.0	20.2	30.4



#46
 1,1'-Biphenyl
 Concen: 34.375 ng
 RT: 13.63 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG039433.D
 Acq: 11 Feb 2019 14:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	22.1	62.1
76	12.4	0.0	32.4

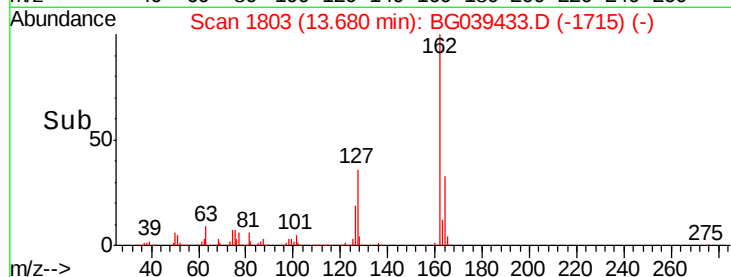
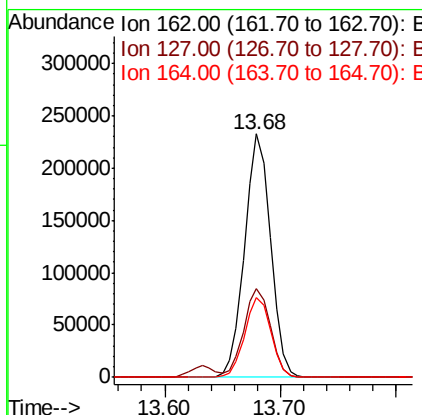
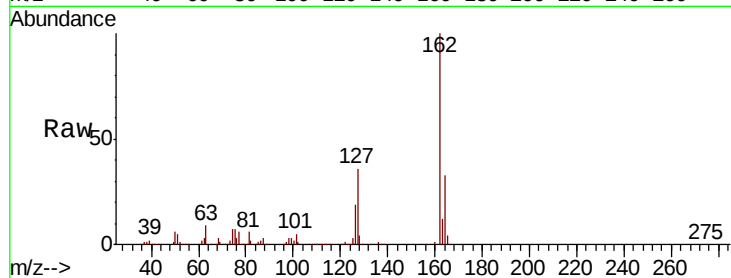




#47
 2-Chloronaphthalene
 Concen: 35.381 ng
 RT: 13.68 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BG039433.D
 Acq: 11 Feb 2019 14:16

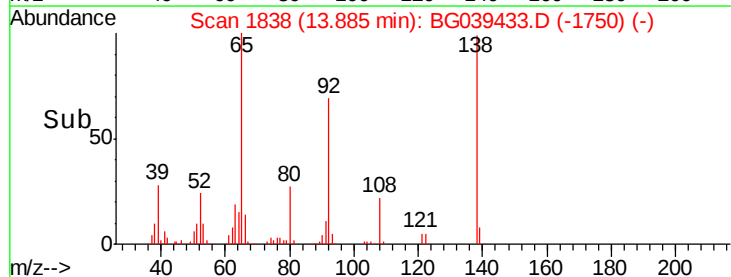
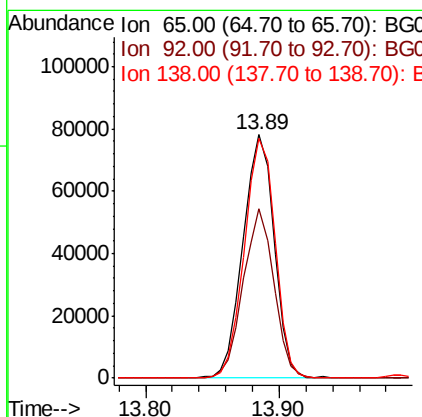
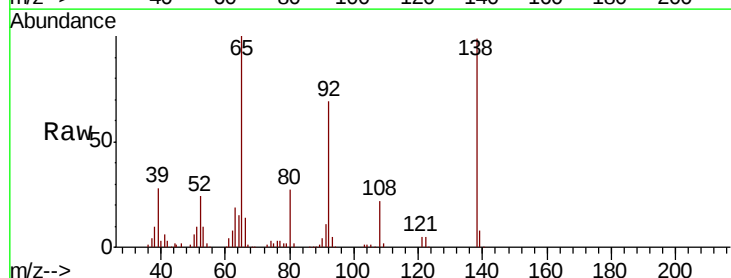
Instrument :
 BNA_G
 ClientSampleId :
 A0C12-SS1-7.5-8.0MS

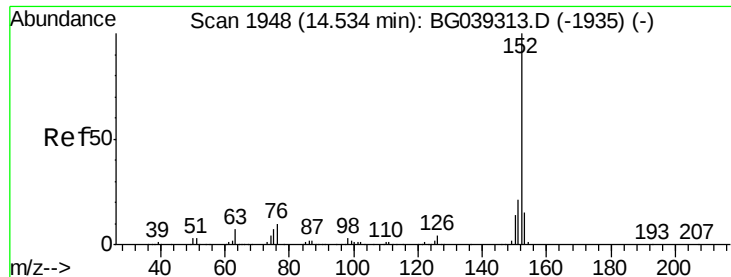
Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.5	31.0	46.6
164	33.0	25.7	38.5



#48
 2-Nitroaniline
 Concen: 43.539 ng
 RT: 13.89 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BG039433.D
 Acq: 11 Feb 2019 14:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.4	51.4	77.2
138	98.6	71.4	107.2





#49

Acenaphthylene

Concen: 38.505 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG039433.D

Acq: 11 Feb 2019 14:16

Instrument :

BNA_G

ClientSampleId :

A0C12-SS1-7.5-8.0MS

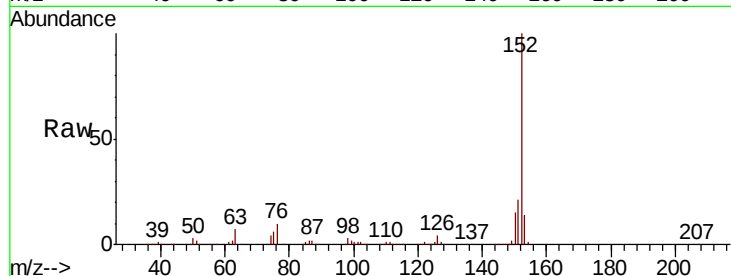
Tgt Ion:152 Resp: 597166

Ion Ratio Lower Upper

152 100

151 20.7 16.8 25.2

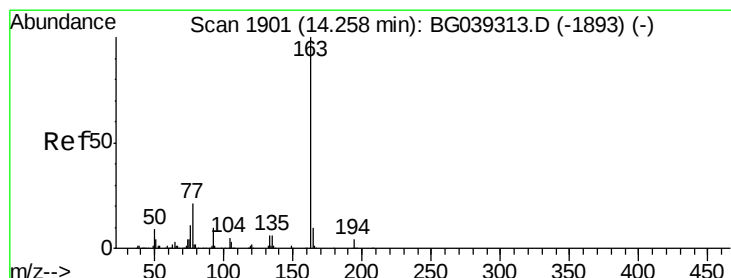
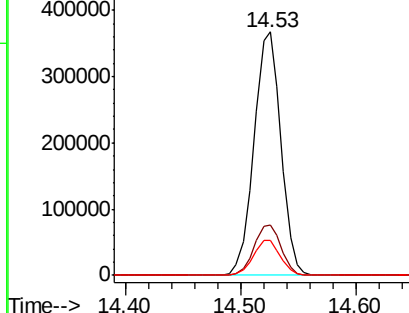
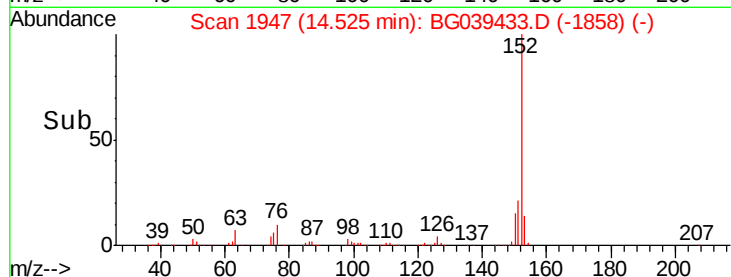
153 14.1 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.315 ng

RT: 14.24 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG039433.D

Acq: 11 Feb 2019 14:16

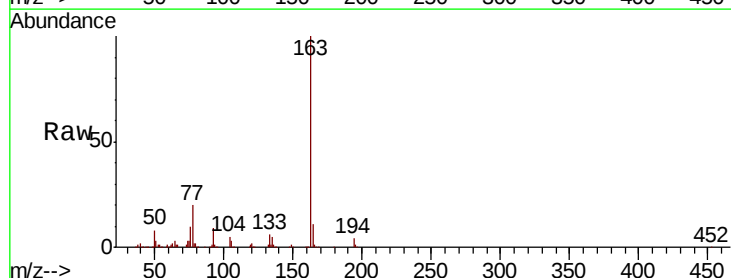
Tgt Ion:163 Resp: 574449

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

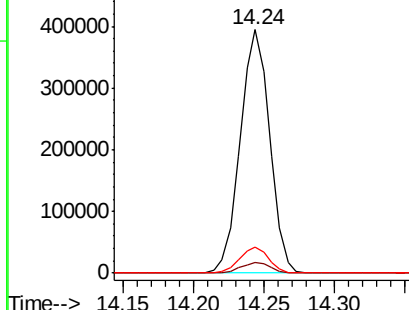
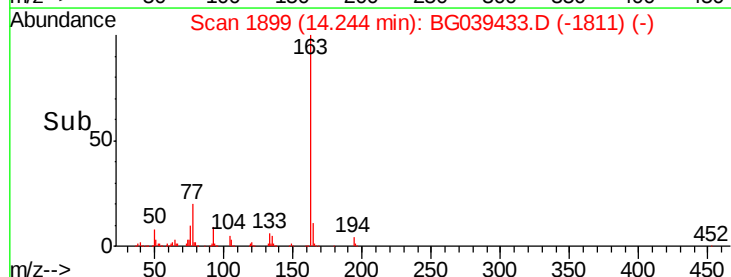
164 10.9 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.715 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG039433.D

Acq: 11 Feb 2019 14:16

Instrument :

BNA_G

ClientSampleId :

A0C12-SS1-7.5-8.0MS

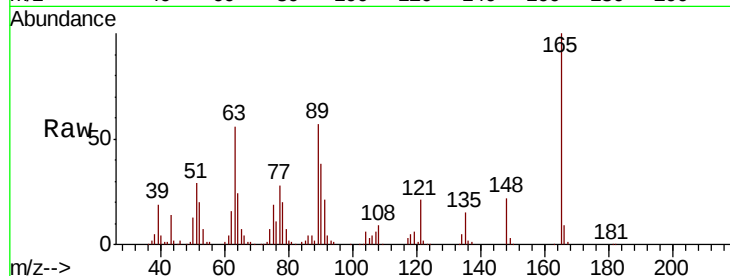
Tgt Ion:165 Resp: 112414

Ion Ratio Lower Upper

165 100

63 55.6 47.0 70.6

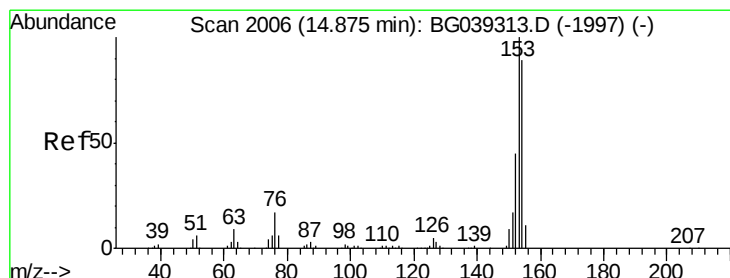
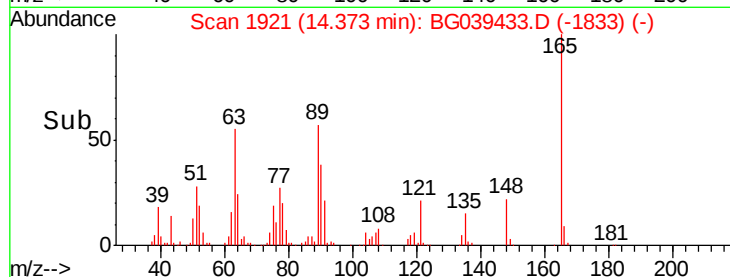
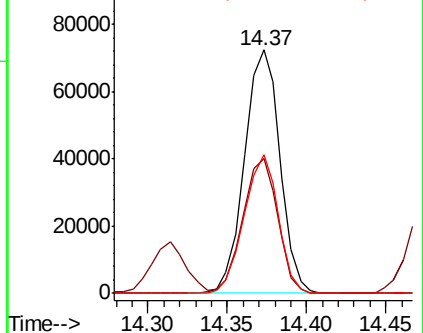
89 56.9 45.8 68.8



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: 35.842 ng

RT: 14.86 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BG039433.D

Acq: 11 Feb 2019 14:16

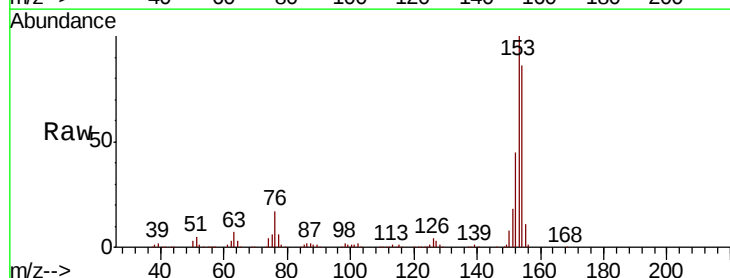
Tgt Ion:154 Resp: 360818

Ion Ratio Lower Upper

154 100

153 115.9 90.1 135.1

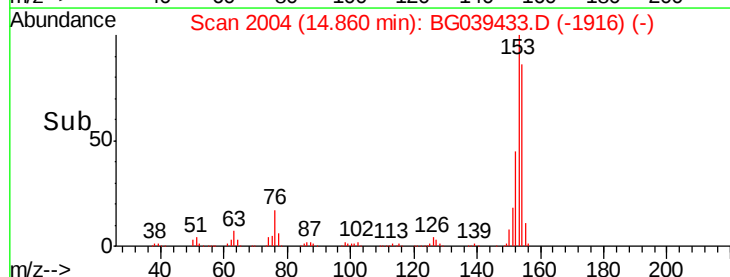
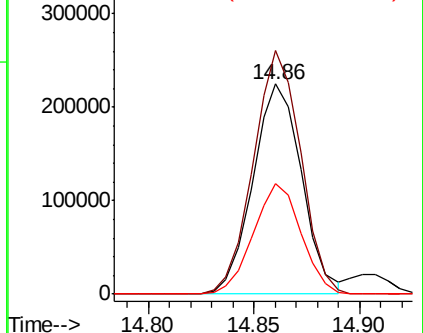
152 52.6 40.9 61.3

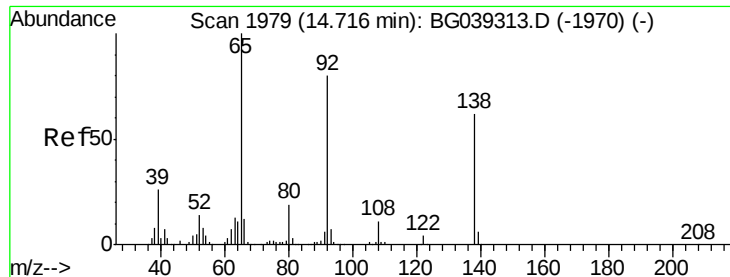


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

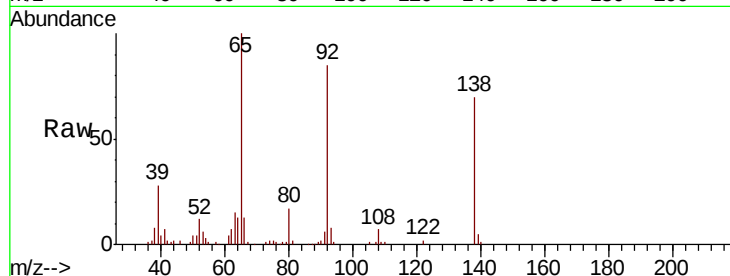




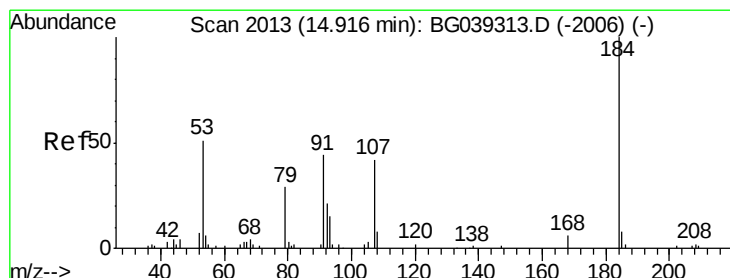
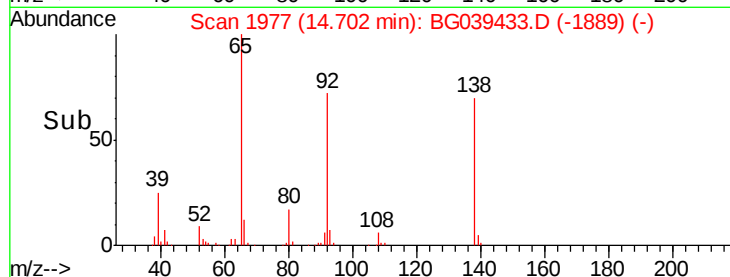
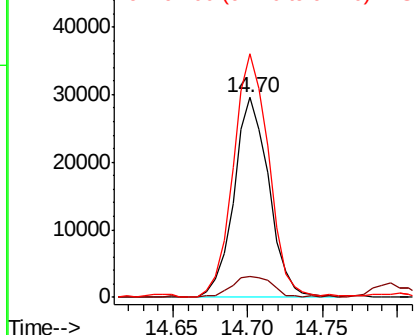
#53
3-Nitroaniline
Concen: 21.600 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BG039433.D
Acq: 11 Feb 2019 14:16

Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0MS

Tgt Ion:138 Resp: 48079
Ion Ratio Lower Upper
138 100
108 10.5 13.8 20.8#
92 121.8 103.7 155.5

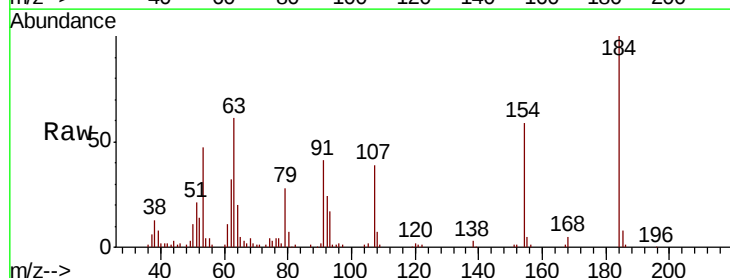


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

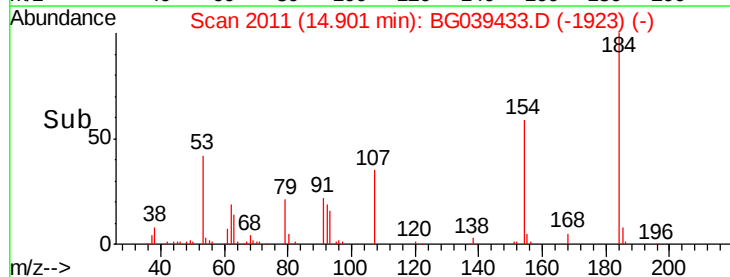
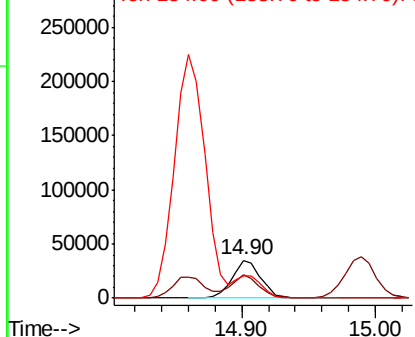


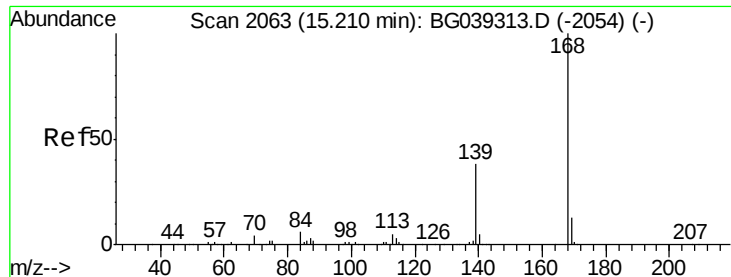
#54
2,4-Dinitrophenol
Concen: 56.445 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG039433.D
Acq: 11 Feb 2019 14:16

Tgt Ion:184 Resp: 52843
Ion Ratio Lower Upper
184 100
63 61.0 50.9 76.3
154 59.2 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

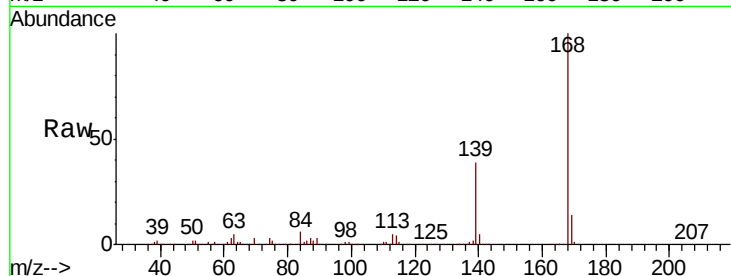




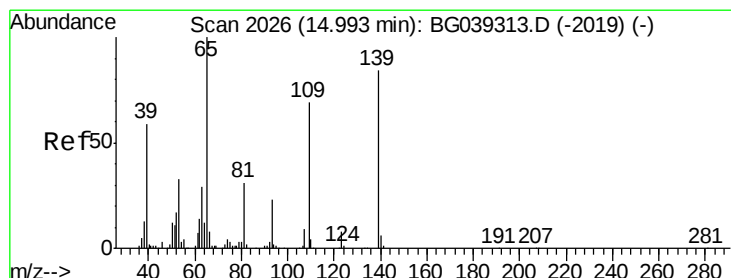
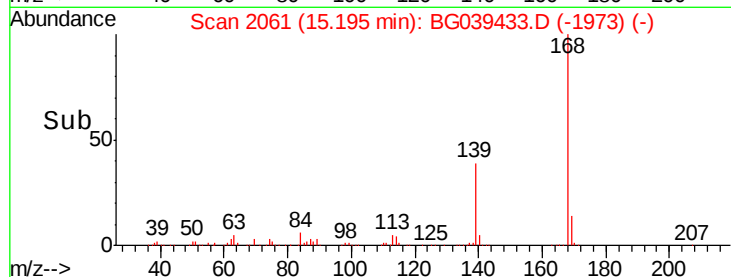
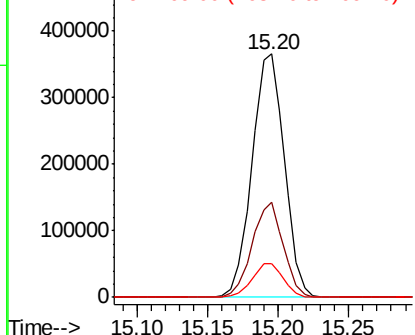
#55
Dibenzenofuran
Concen: 36.424 ng
RT: 15.20 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BG039433.D
Acq: 11 Feb 2019 14:16

Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0MS

Tgt Ion:168 Resp: 587901
Ion Ratio Lower Upper
168 100
139 39.3 30.1 45.1
169 13.7 10.6 16.0

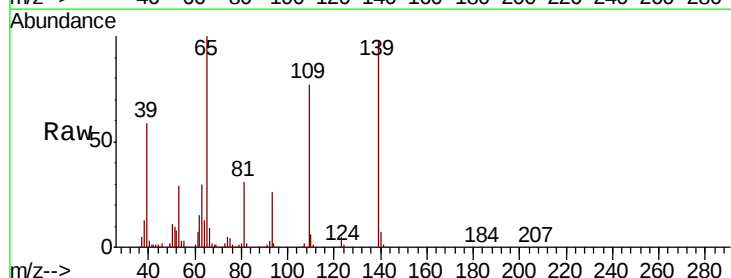


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

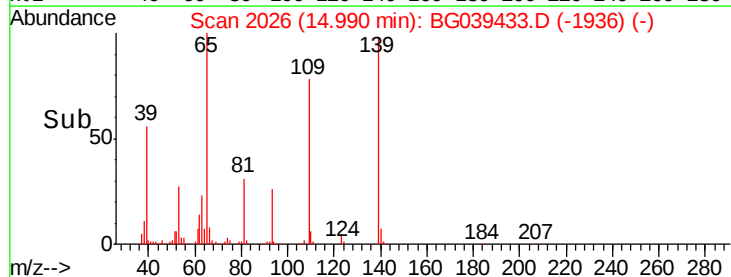
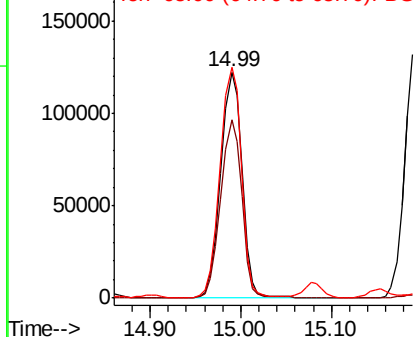


#56
4-Nitrophenol
Concen: 83.177 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG039433.D
Acq: 11 Feb 2019 14:16

Tgt Ion:139 Resp: 200044
Ion Ratio Lower Upper
139 100
109 79.0 61.9 101.9
65 102.3 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: 49.481 ng

RT: 15.15 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG039433.D

Acq: 11 Feb 2019 14:16

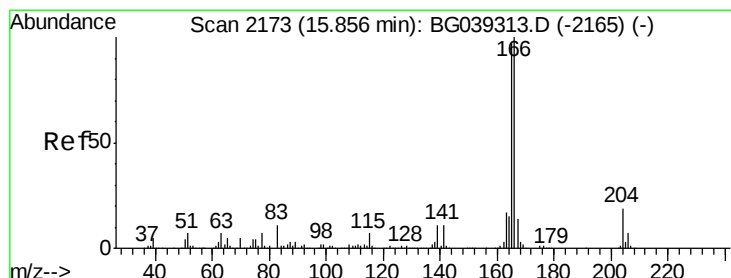
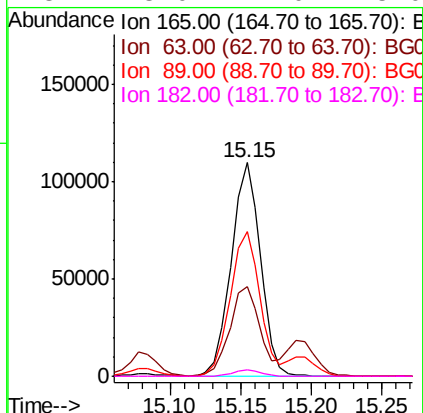
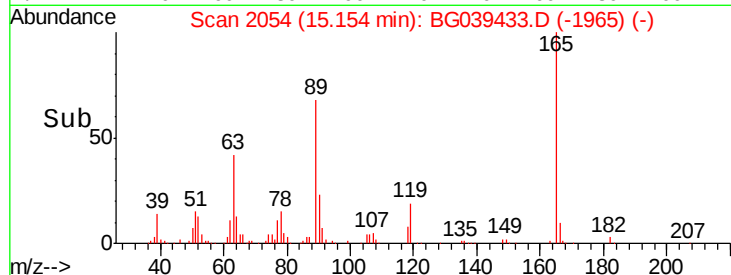
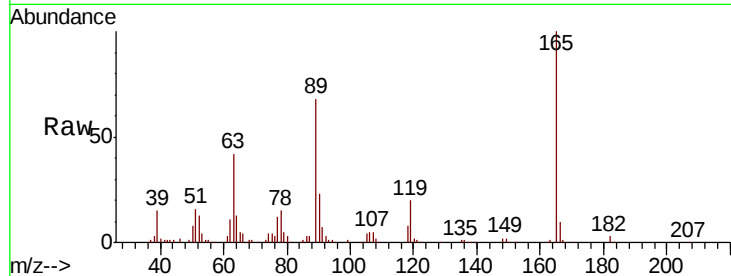
Instrument :

BNA_G

ClientSampleId :

A0C12-SS1-7.5-8.0MS

Tgt Ion:	165	Resp:	158016
Ion	Ratio	Lower	Upper
165	100		
63	42.1	41.0	61.6
89	67.7	64.6	96.8
182	3.0	2.0	3.0#



#58

Fluorene

Concen: 38.343 ng

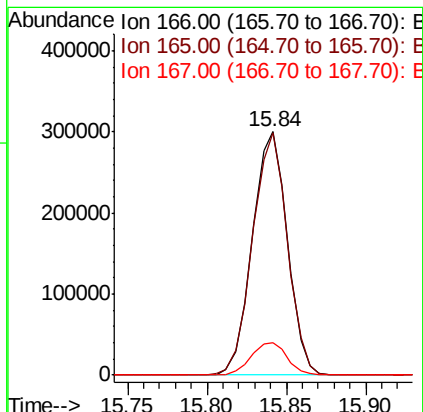
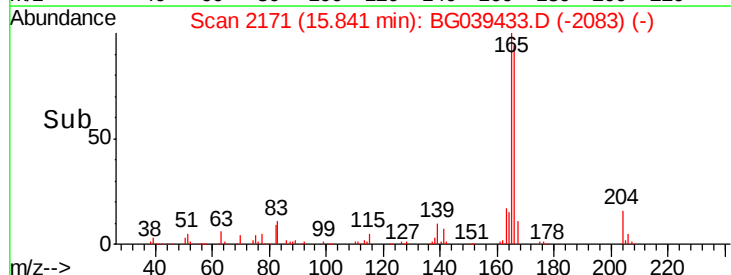
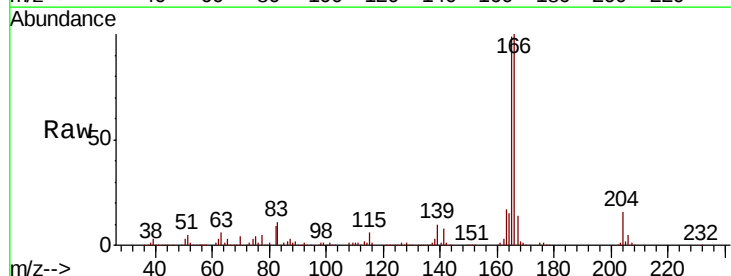
RT: 15.84 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BG039433.D

Acq: 11 Feb 2019 14:16

Tgt Ion:	166	Resp:	461348
Ion	Ratio	Lower	Upper
166	100		
165	99.4	77.9	116.9
167	13.6	10.8	16.2

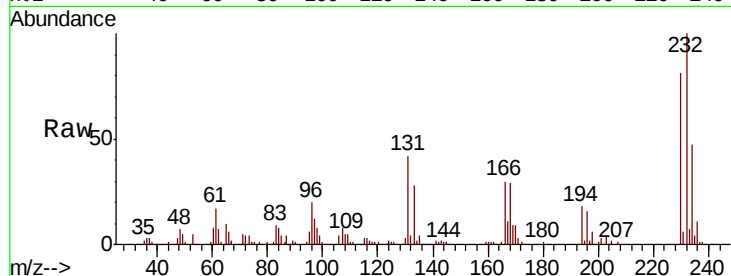




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.452 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG039433.D
 Acq: 11 Feb 2019 14:16

Instrument :
 BNA_G
 ClientSampleId :
 A0C12-SS1-7.5-8.0MS

Tgt Ion:	232	Resp:	146436
Ion	Ratio	Lower	Upper
232	100		
131	40.9	34.9	52.3
130	2.2	2.0	3.0
166	28.5	24.1	36.1



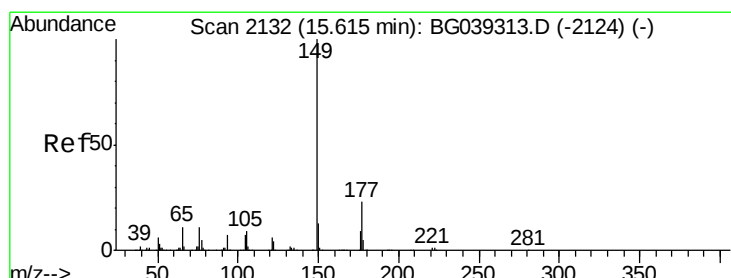
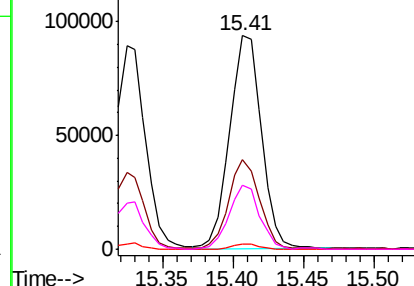
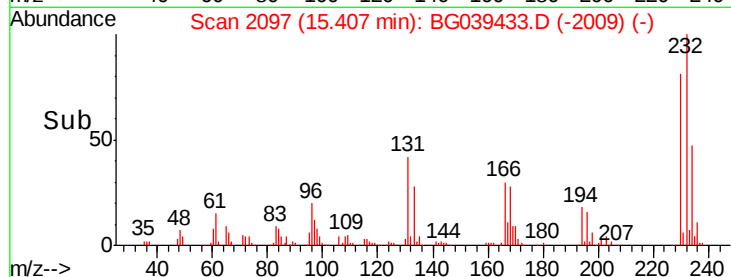
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

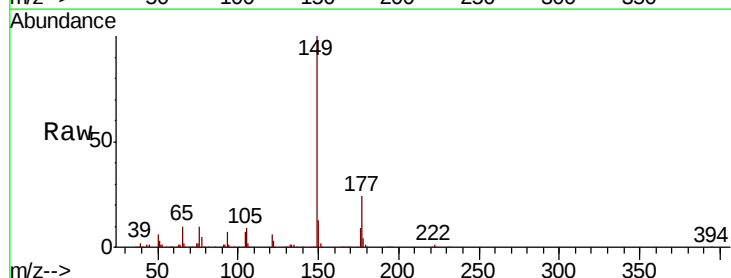
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 36.703 ng
 RT: 15.59 min Scan# 2129
 Delta R.T. -0.02 min
 Lab File: BG039433.D
 Acq: 11 Feb 2019 14:16

Tgt Ion:	149	Resp:	503269
Ion	Ratio	Lower	Upper
149	100		
177	23.7	18.3	27.5
150	13.1	10.2	15.2

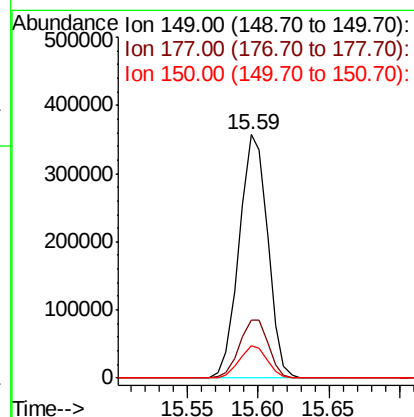
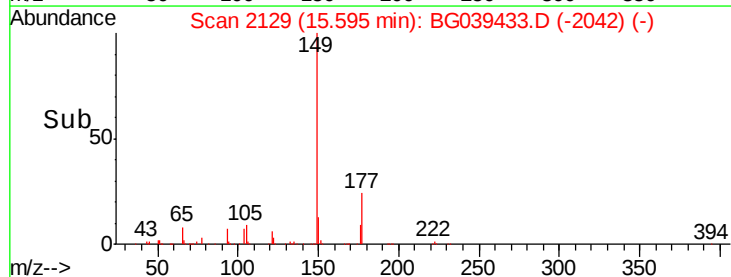


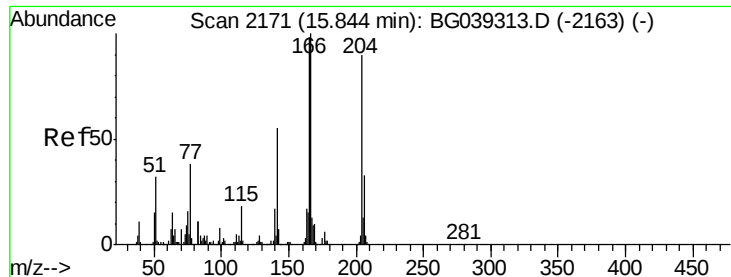
Abundance

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

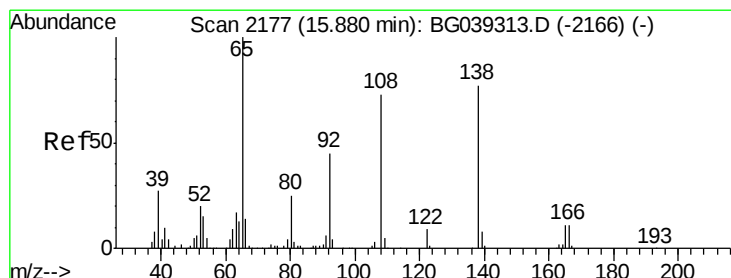
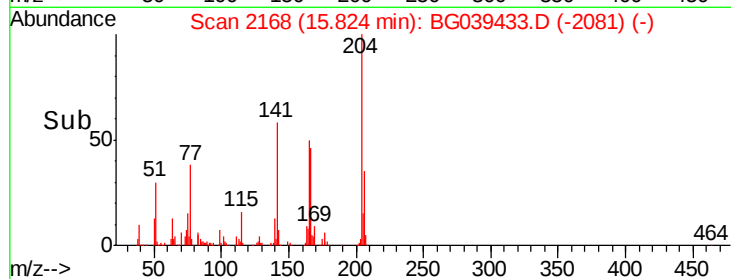
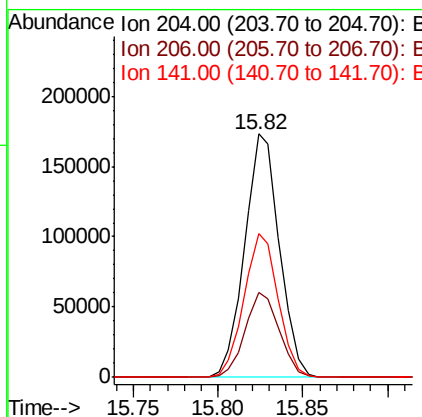
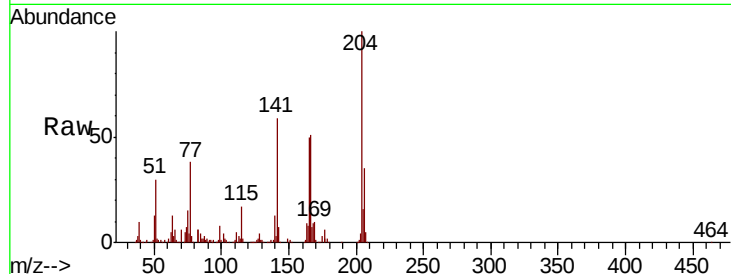




#61
 4-Chlorophenyl-phenylether
 Concen: 36.213 ng
 RT: 15.82 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BG039433.D
 Acq: 11 Feb 2019 14:16

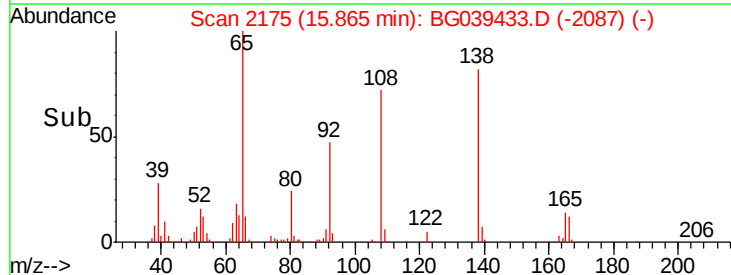
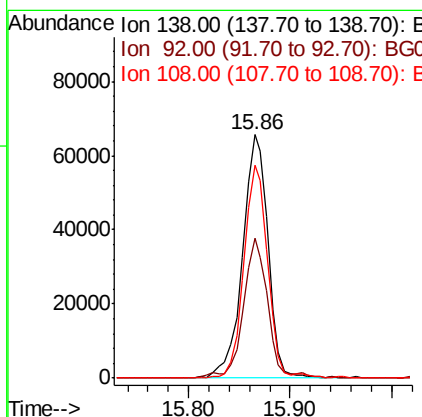
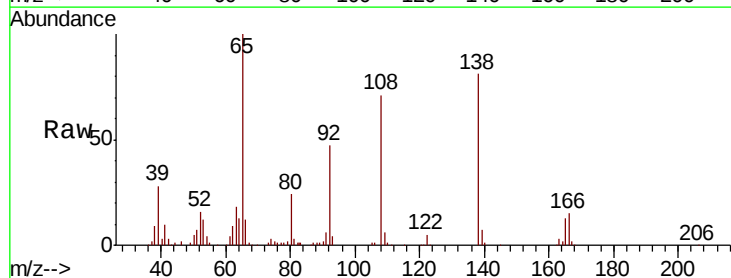
Instrument :
 BNA_G
 ClientSampleId :
 A0C12-SS1-7.5-8.0MS

Tgt Ion: 204 Resp: 246717
 Ion Ratio Lower Upper
 204 100
 206 35.1 29.2 43.8
 141 58.8 49.0 73.4



#62
 4-Nitroaniline
 Concen: 41.459 ng
 RT: 15.86 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: BG039433.D
 Acq: 11 Feb 2019 14:16

Tgt Ion: 138 Resp: 113554
 Ion Ratio Lower Upper
 138 100
 92 57.3 38.7 78.7
 108 87.4 74.6 114.6

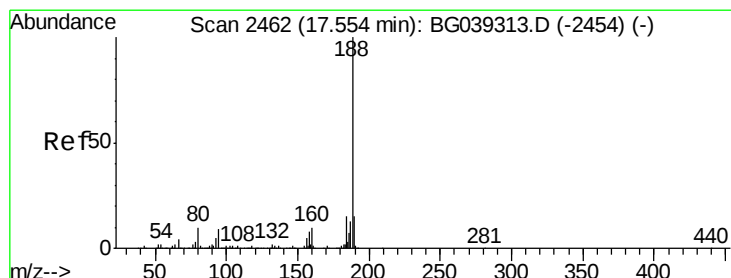
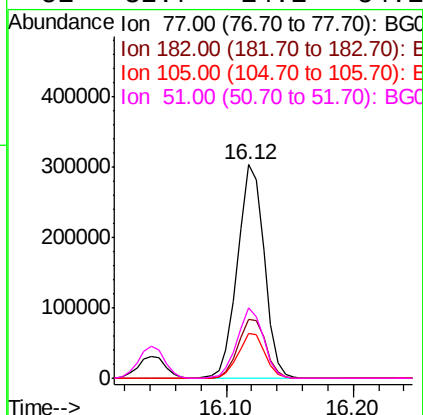
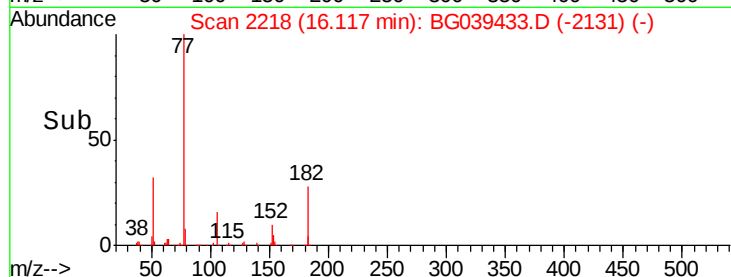
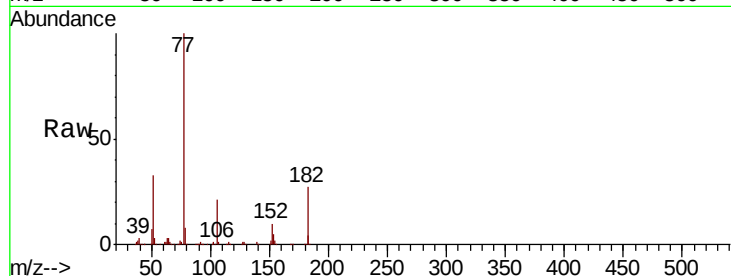




#63
Azobenzene
Concen: 32.923 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.02 min
Lab File: BG039433.D
Acq: 11 Feb 2019 14:16

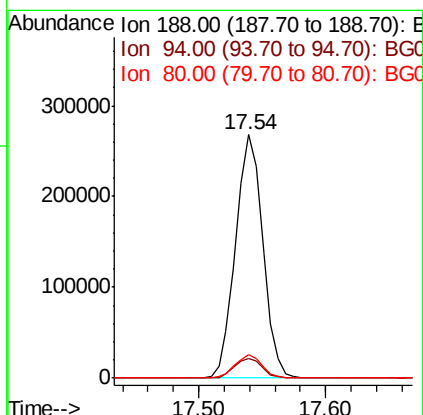
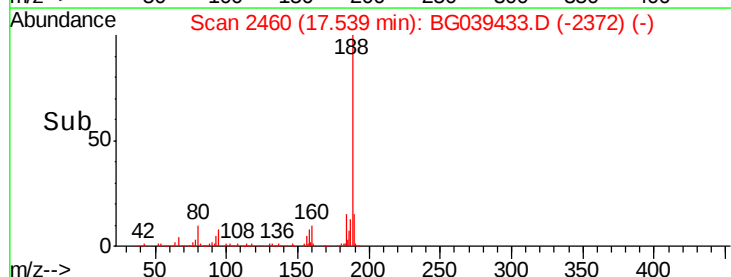
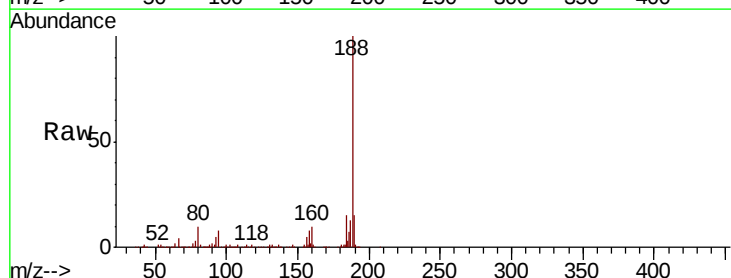
Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0MS

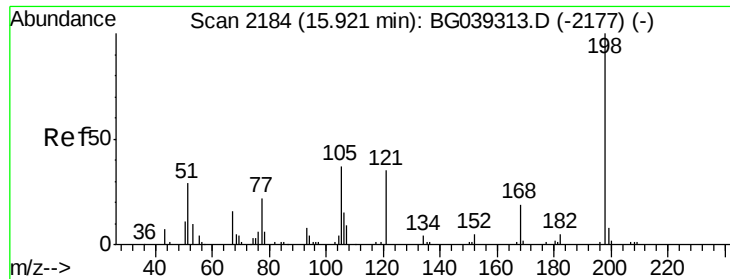
Tgt Ion:	77	Resp:	441231
Ion	Ratio	Lower	Upper
77	100		
182	27.3	6.4	46.4
105	21.2	0.0	39.8
51	32.7	14.1	54.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG039433.D
Acq: 11 Feb 2019 14:16

Tgt Ion:	188	Resp:	397518
Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.9	10.3
80	9.6	8.1	12.1

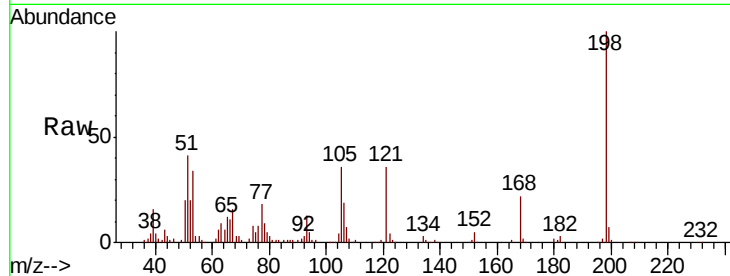




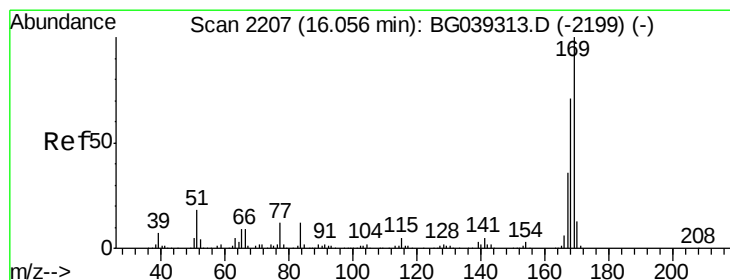
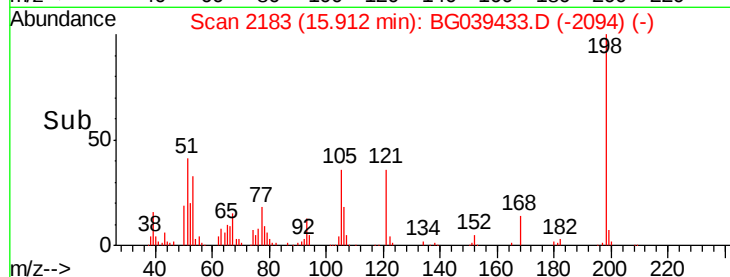
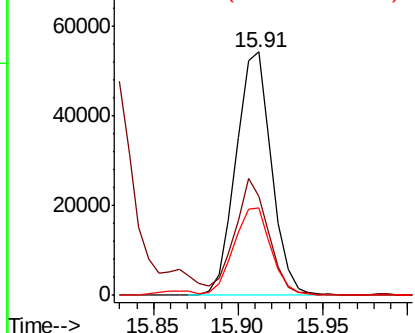
#65
 4,6-Dinitro-2-methylphenol
 Concen: 49.858 ng
 RT: 15.91 min Scan# 2183
 Delta R.T. -0.01 min
 Lab File: BG039433.D
 Acq: 11 Feb 2019 14:16

Instrument :
 BNA_G
 ClientSampleId :
 A0C12-SS1-7.5-8.0MS

Tgt Ion	Ratio	Lower	Upper
198	100		
51	40.6	27.4	67.4
105	35.7	19.7	59.7

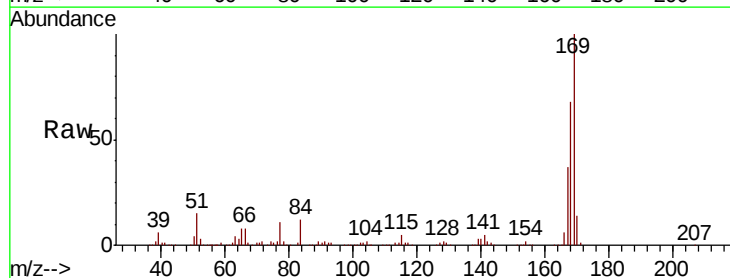


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

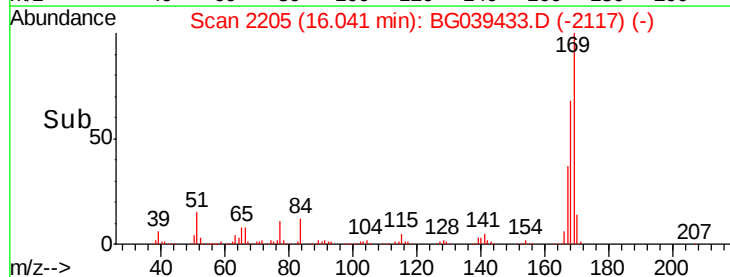
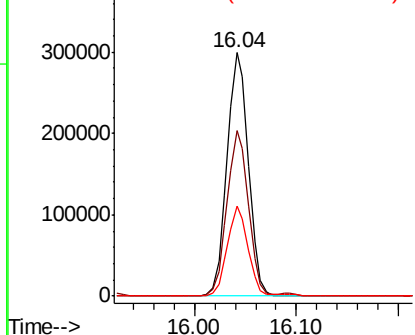


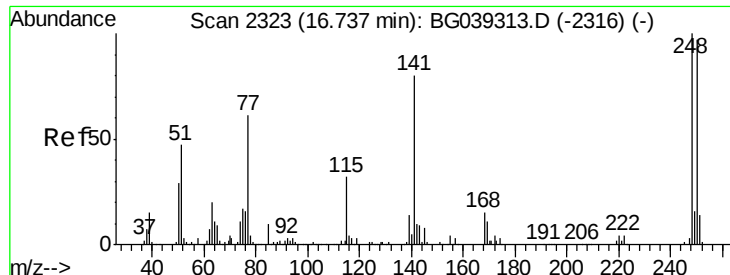
#66
 n-Nitrosodiphenylamine
 Concen: 36.003 ng
 RT: 16.04 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG039433.D
 Acq: 11 Feb 2019 14:16

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.1	56.6	85.0
167	37.0	28.8	43.2



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

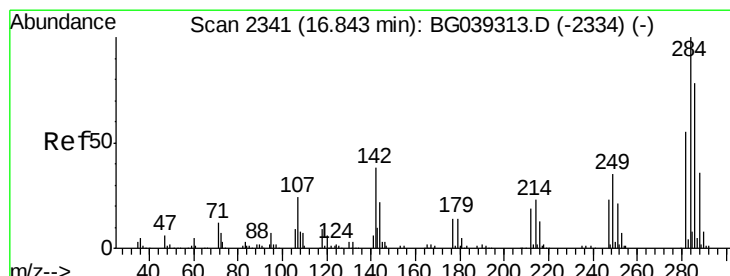
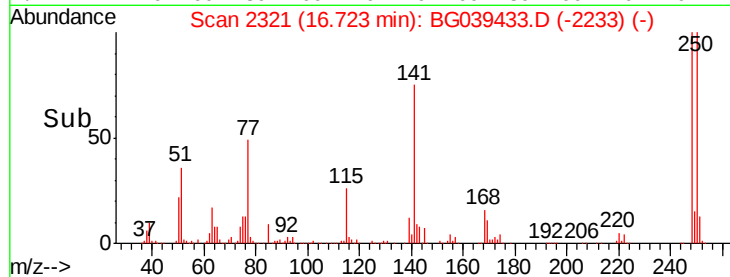
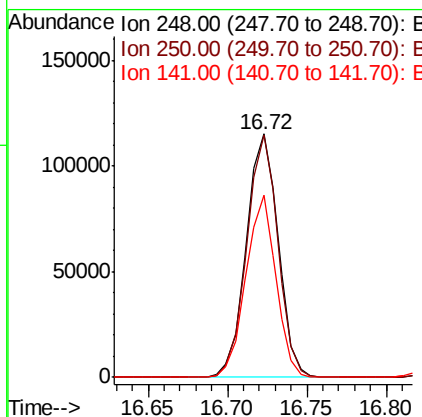
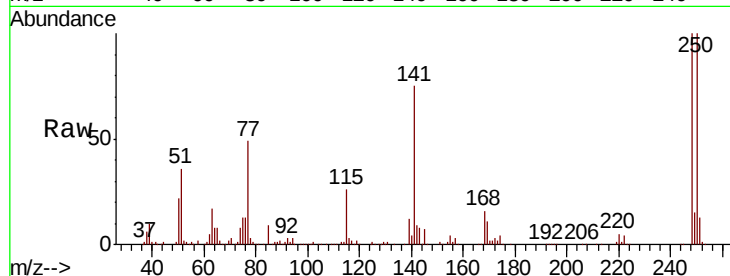




#67
 4-Bromophenyl-phenylether
 Concen: 36.481 ng
 RT: 16.72 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG039433.D
 Acq: 11 Feb 2019 14:16

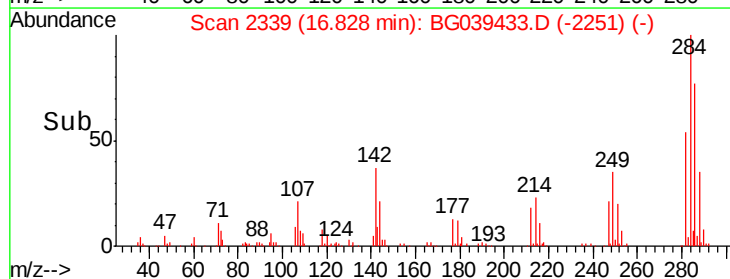
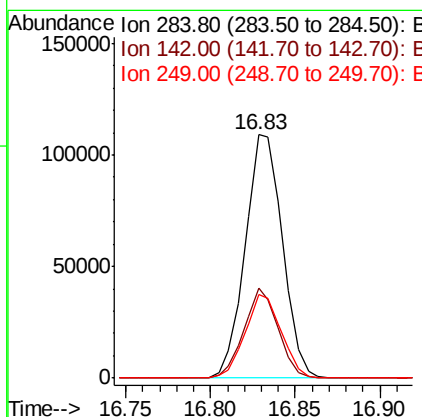
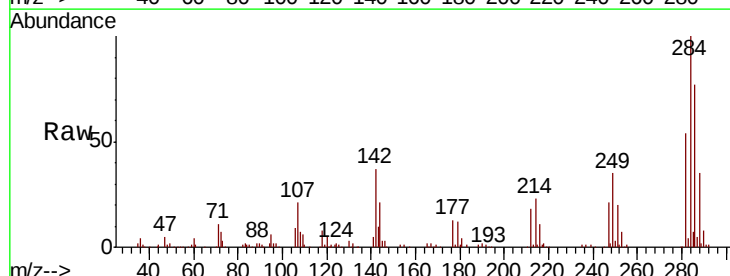
Instrument :
 BNA_G
 ClientSampleId :
 A0C12-SS1-7.5-8.0MS

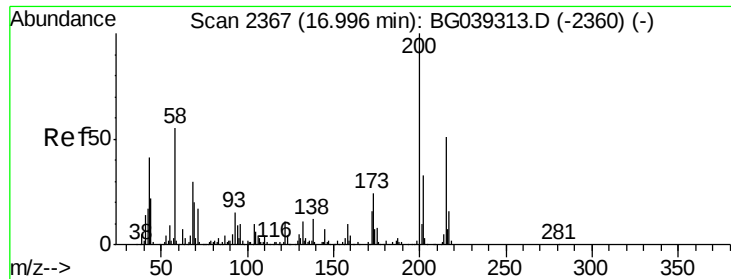
Tgt Ion	Resp	Lower	Upper
248	160884		
248	100		
250	99.6	77.6	116.4
141	74.9	63.9	95.9



#68
 Hexachlorobenzene
 Concen: 37.601 ng
 RT: 16.83 min Scan# 2339
 Delta R.T. -0.01 min
 Lab File: BG039433.D
 Acq: 11 Feb 2019 14:16

Tgt Ion	Resp	Lower	Upper
284	166368		
284	100		
142	36.9	30.6	45.8
249	34.5	28.2	42.2

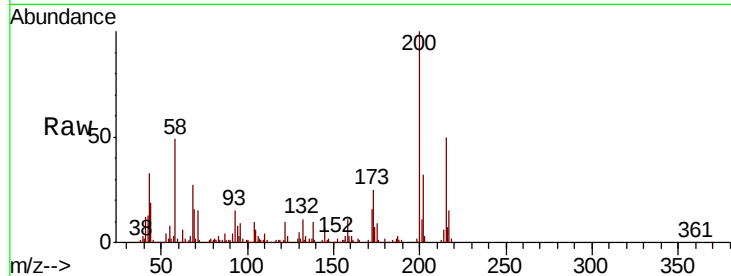




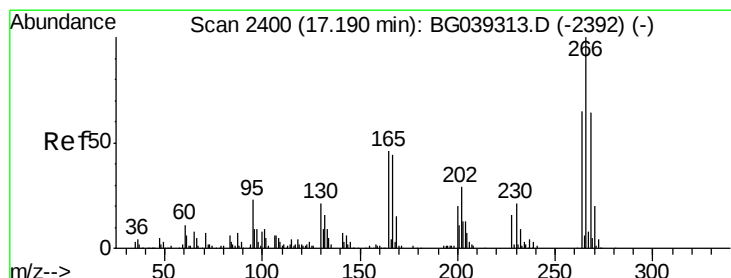
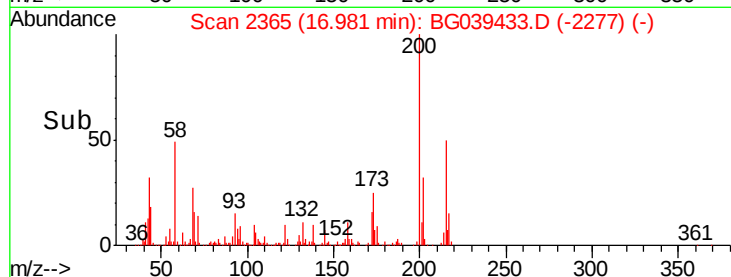
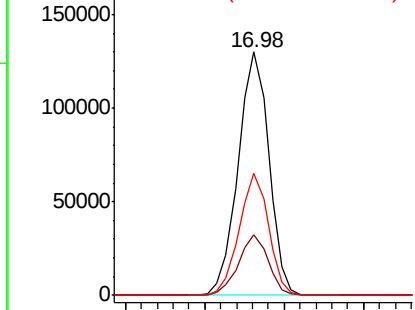
#69
 Atrazine
 Concen: 39.644 ng
 RT: 16.98 min Scan# 2365
 Delta R.T. -0.01 min
 Lab File: BG039433.D
 Acq: 11 Feb 2019 14:16

Instrument :
 BNA_G
 ClientSampleId :
 A0C12-SS1-7.5-8.0MS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.6	3.9	43.9
215	50.3	30.9	70.9

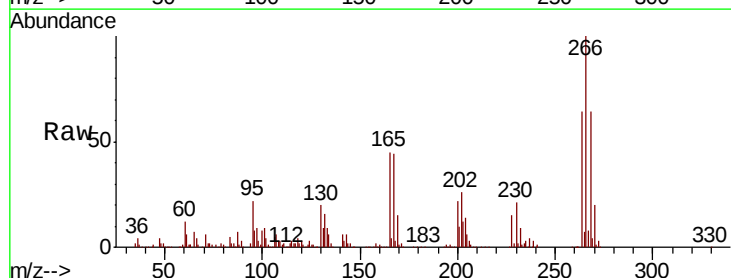


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

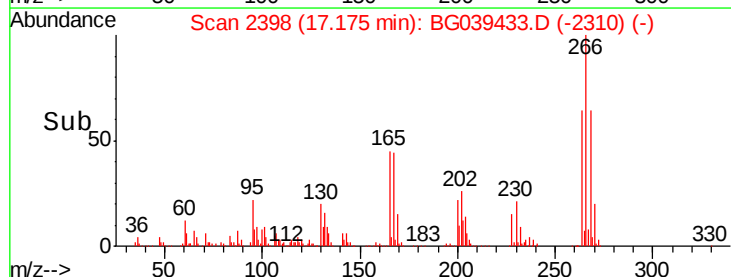
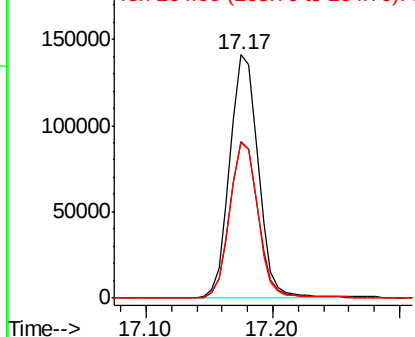


#70
 Pentachlorophenol
 Concen: 71.406 ng
 RT: 17.17 min Scan# 2398
 Delta R.T. -0.01 min
 Lab File: BG039433.D
 Acq: 11 Feb 2019 14:16

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.1	76.7
264	64.0	52.1	78.1



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

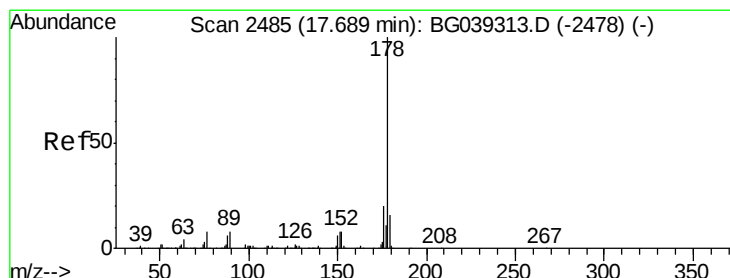
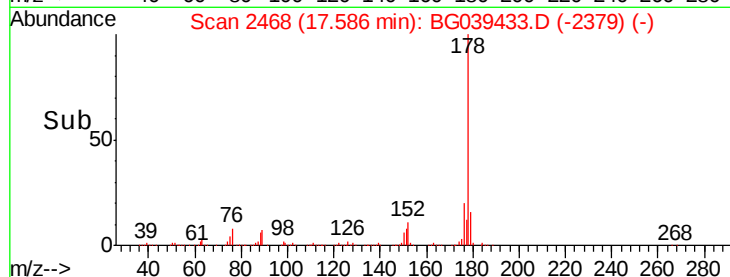
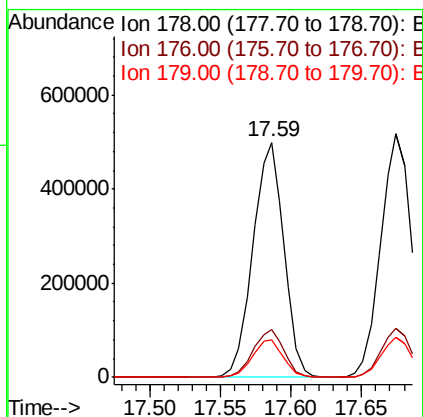
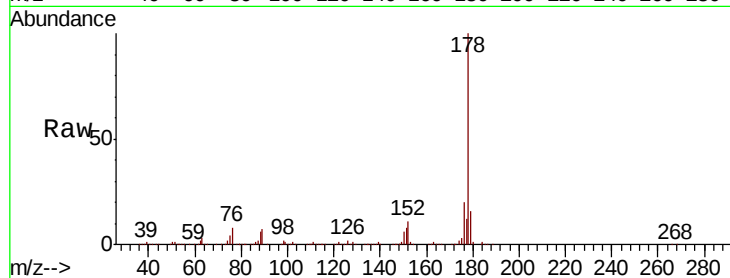




#71
Phenanthrene
Concen: 37.322 ng
RT: 17.59 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BG039433.D
Acq: 11 Feb 2019 14:16

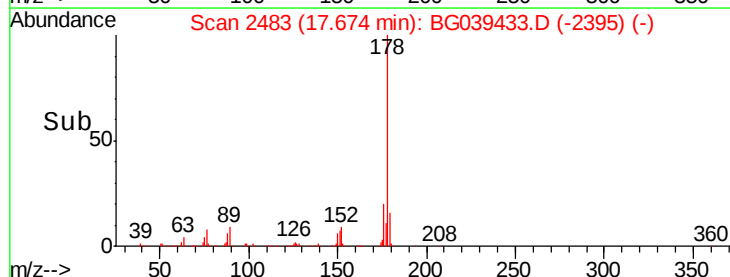
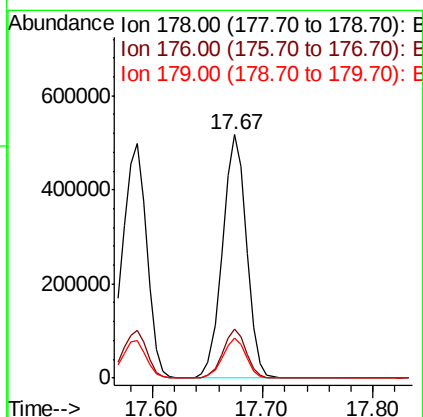
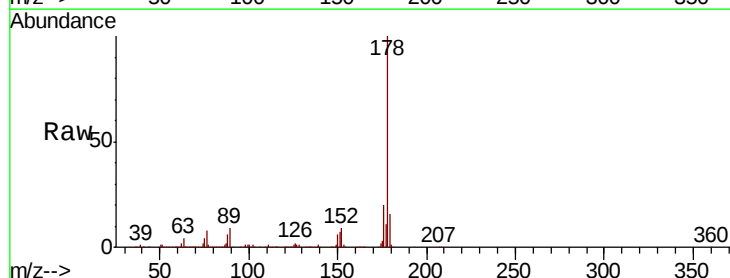
Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0MS

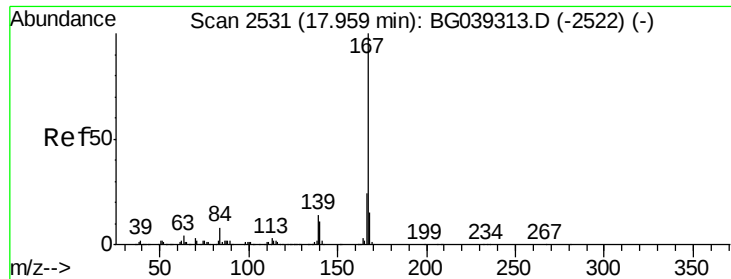
Tgt Ion:178 Resp: 767874
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.4
179 15.8 12.6 19.0



#72
Anthracene
Concen: 38.697 ng
RT: 17.67 min Scan# 2483
Delta R.T. -0.01 min
Lab File: BG039433.D
Acq: 11 Feb 2019 14:16

Tgt Ion:178 Resp: 784227
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.6
179 16.2 12.5 18.7

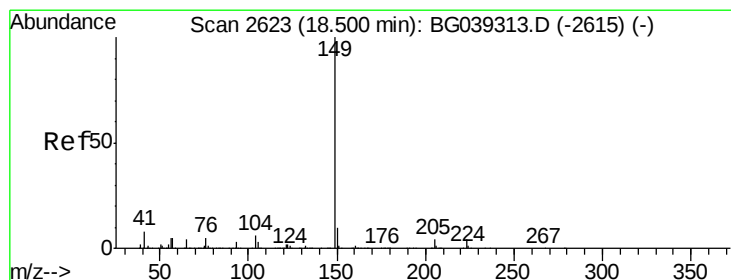
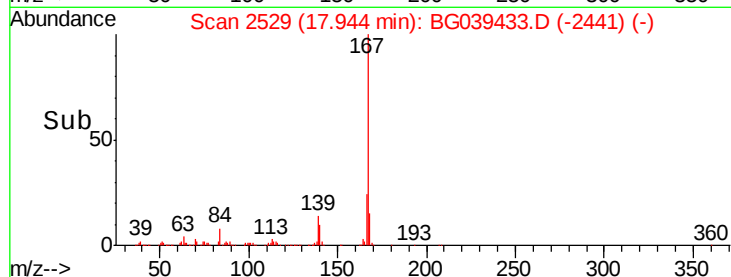
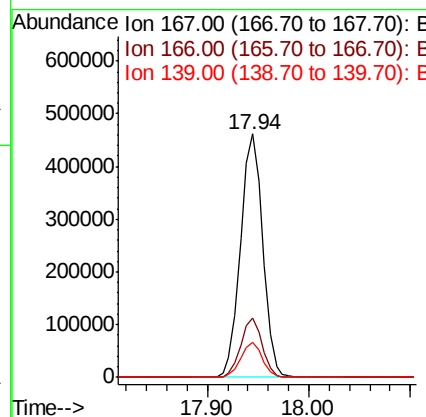
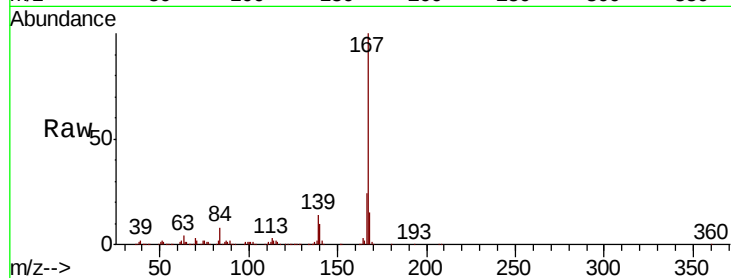




#73
 Carbazole
 Concen: 34.802 ng
 RT: 17.94 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BG039433.D
 Acq: 11 Feb 2019 14:16

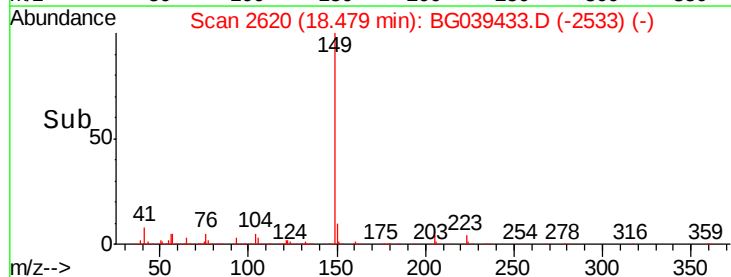
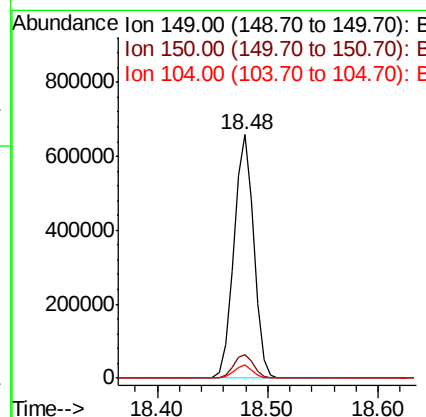
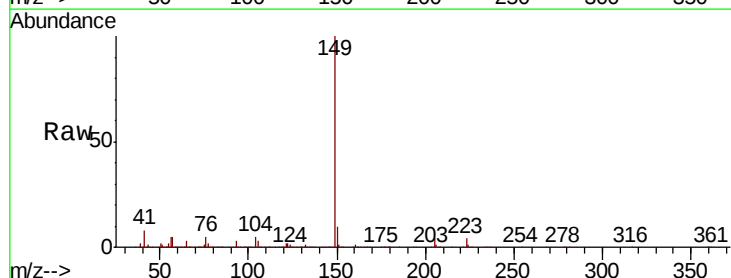
Instrument :
 BNA_G
 ClientSampleId :
 A0C12-SS1-7.5-8.0MS

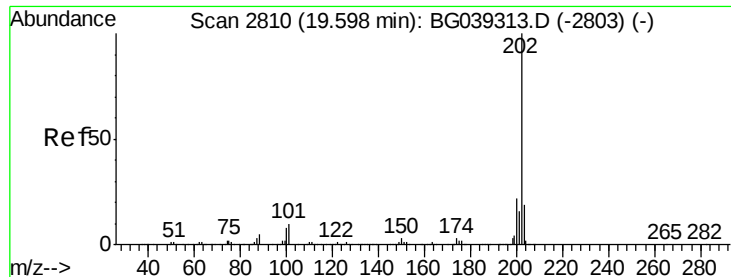
Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.2	19.4	29.2
139	14.2	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 35.132 ng
 RT: 18.48 min Scan# 2620
 Delta R.T. -0.02 min
 Lab File: BG039433.D
 Acq: 11 Feb 2019 14:16

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.5	4.5	6.7





#75

Fluoranthene

Concen: 37.771 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BG039433.D

Acq: 11 Feb 2019 14:16

Instrument :

BNA_G

ClientSampleId :

A0C12-SS1-7.5-8.0MS

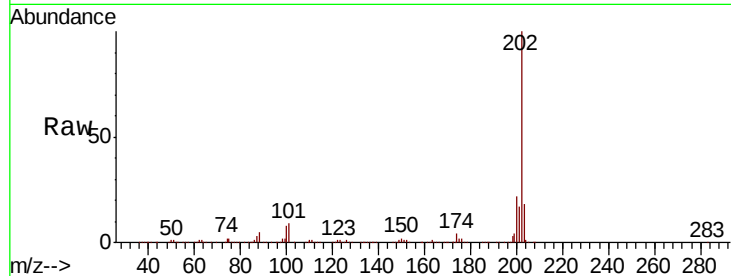
Tgt Ion:202 Resp: 901993

Ion Ratio Lower Upper

202 100

101 9.3 0.0 30.0

203 18.4 0.0 38.9

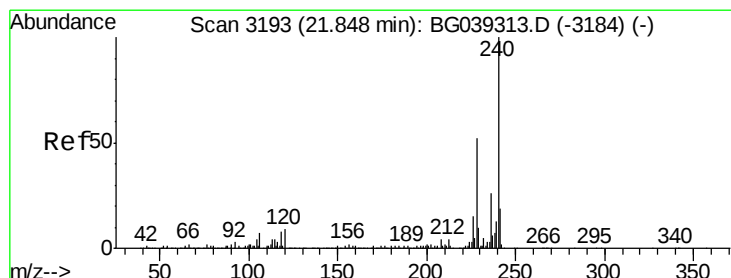
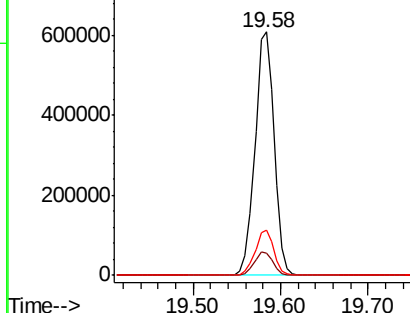
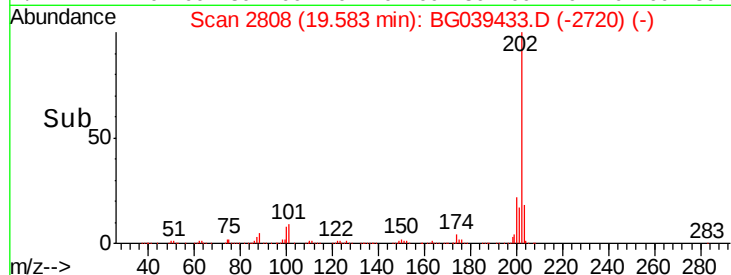


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3191

Delta R.T. -0.01 min

Lab File: BG039433.D

Acq: 11 Feb 2019 14:16

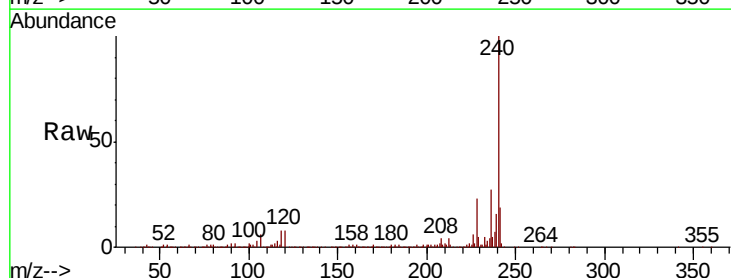
Tgt Ion:240 Resp: 392785

Ion Ratio Lower Upper

240 100

120 7.9 7.0 10.6

236 26.8 21.0 31.4

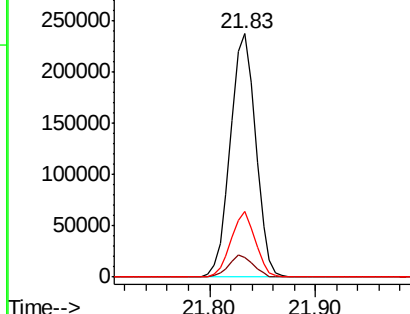
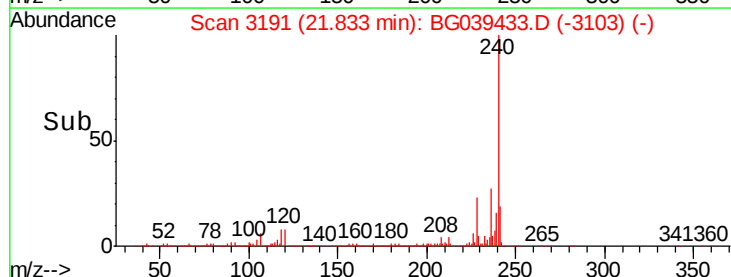


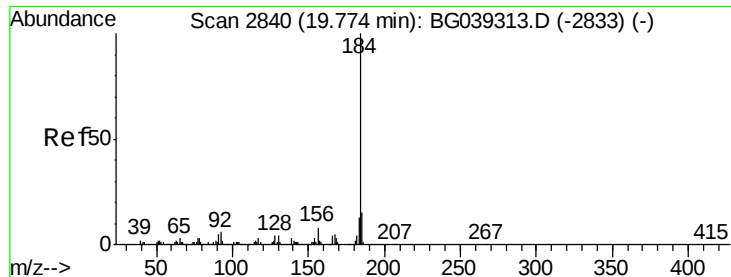
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 21.000 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039433.D

Acq: 11 Feb 2019 14:16

Instrument :

BNA_G

ClientSampleId :

A0C12-SS1-7.5-8.0MS

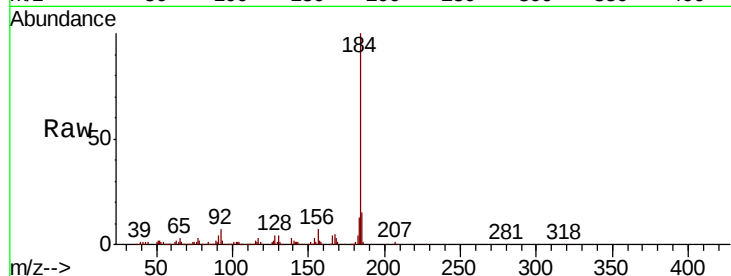
Tgt Ion:184 Resp: 270432

Ion Ratio Lower Upper

184 100

185 15.0 12.2 18.2

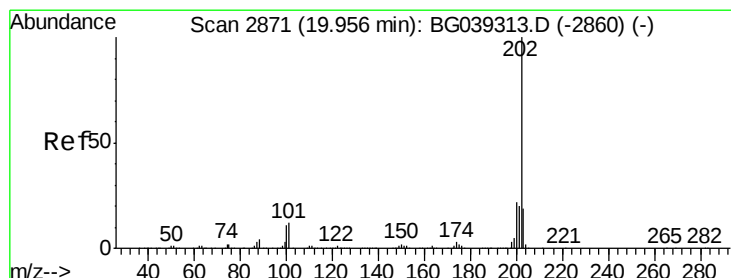
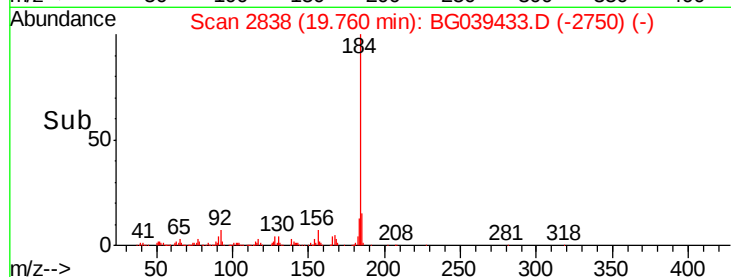
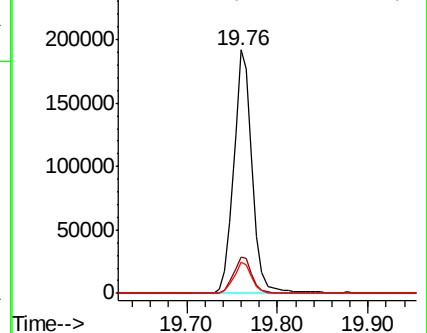
183 12.8 10.6 15.8



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: 37.363 ng

RT: 19.94 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG039433.D

Acq: 11 Feb 2019 14:16

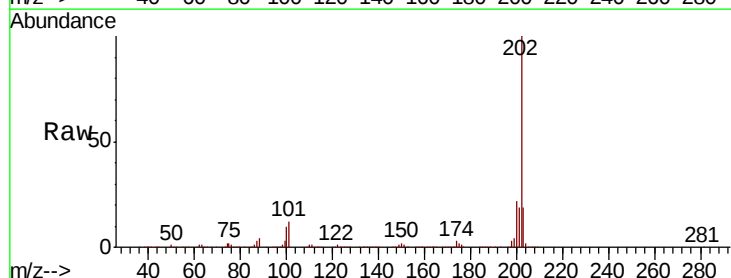
Tgt Ion:202 Resp: 913594

Ion Ratio Lower Upper

202 100

200 21.9 17.8 26.8

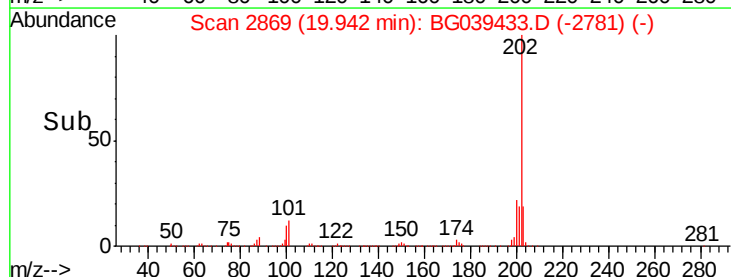
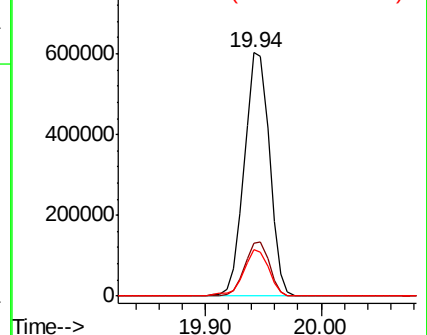
203 19.1 15.3 22.9

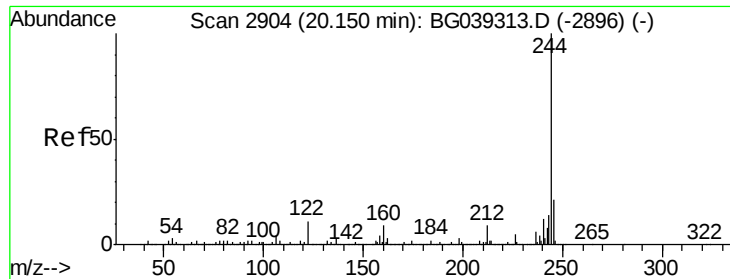


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

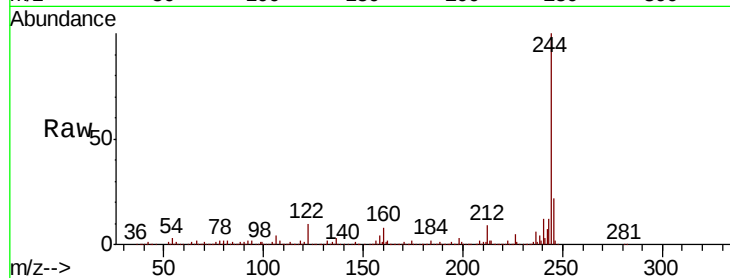




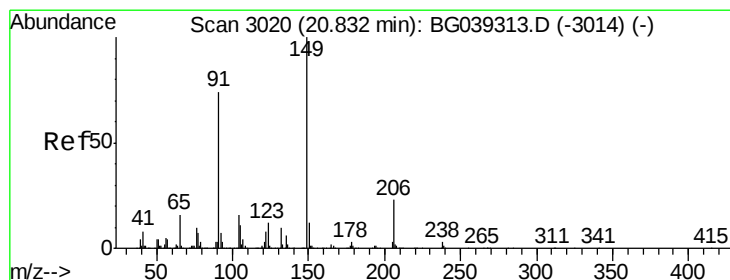
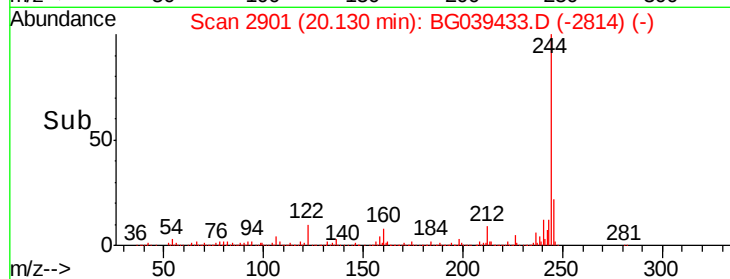
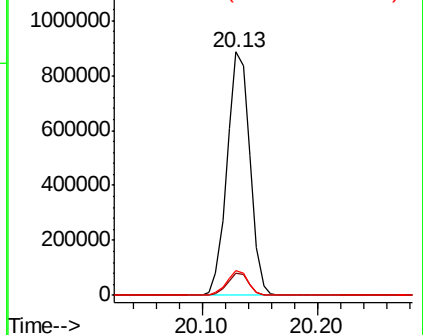
#79
 Terphenyl-d14
 Concen: 65.086 ng
 RT: 20.13 min Scan# 2901
 Delta R.T. -0.02 min
 Lab File: BG039433.D
 Acq: 11 Feb 2019 14:16

Instrument :
 BNA_G
 ClientSampleId :
 A0C12-SS1-7.5-8.0MS

Tgt Ion:244 Resp: 1207767
 Ion Ratio Lower Upper
 244 100
 212 9.3 7.3 10.9
 122 10.2 8.4 12.6

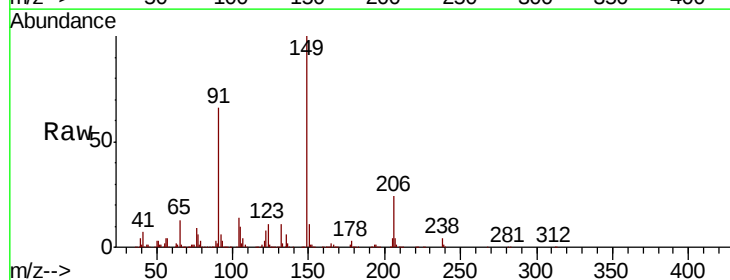


Abundance Ion 244.00 (243.70 to 244.70): E
 1200000
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

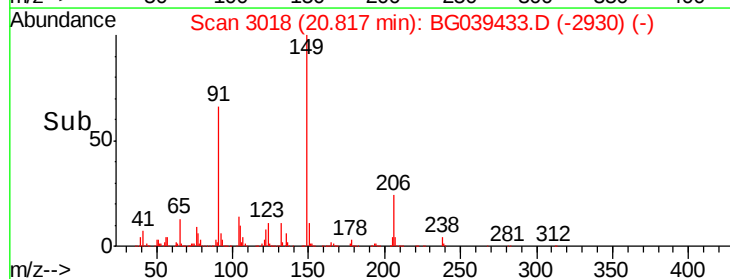
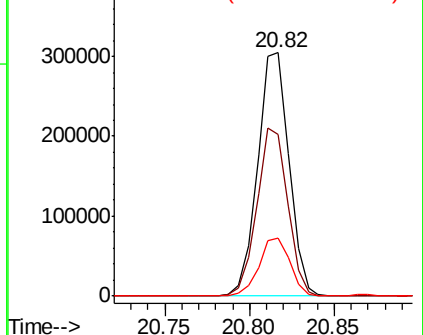


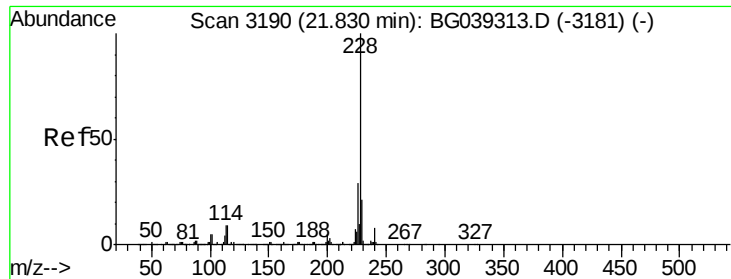
#80
 Butylbenzylphthalate
 Concen: 37.965 ng
 RT: 20.82 min Scan# 3018
 Delta R.T. -0.01 min
 Lab File: BG039433.D
 Acq: 11 Feb 2019 14:16

Tgt Ion:149 Resp: 391602
 Ion Ratio Lower Upper
 149 100
 91 66.4 59.5 89.3
 206 24.1 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E
 400000
 Ion 91.00 (90.70 to 91.70): BG
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.173 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039433.D

Acq: 11 Feb 2019 14:16

Instrument :

BNA_G

ClientSampleId :

A0C12-SS1-7.5-8.0MS

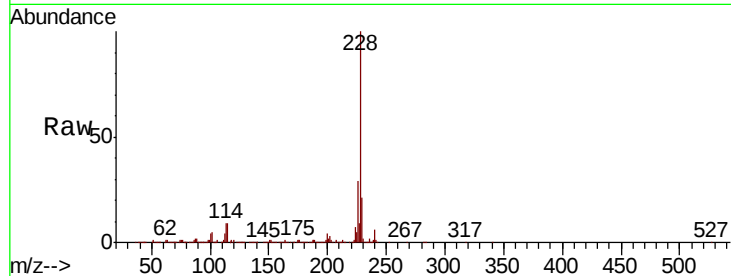
Tgt Ion:228 Resp: 885965

Ion Ratio Lower Upper

228 100

226 29.1 23.0 34.6

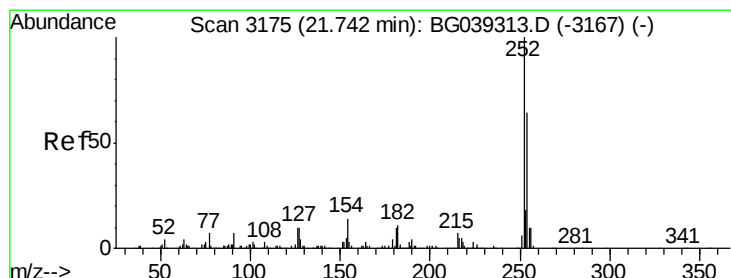
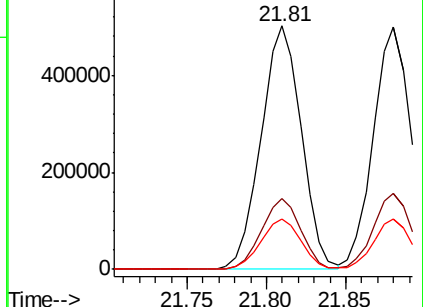
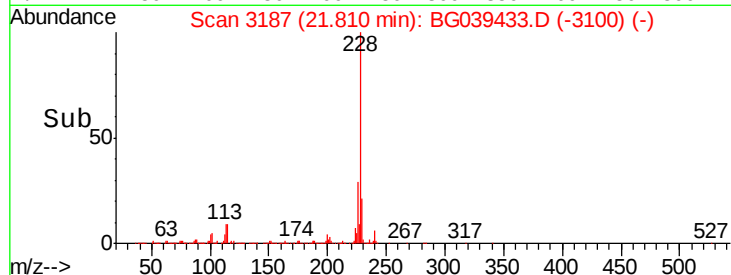
229 20.6 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 21.578 ng

RT: 21.72 min Scan# 3172

Delta R.T. -0.02 min

Lab File: BG039433.D

Acq: 11 Feb 2019 14:16

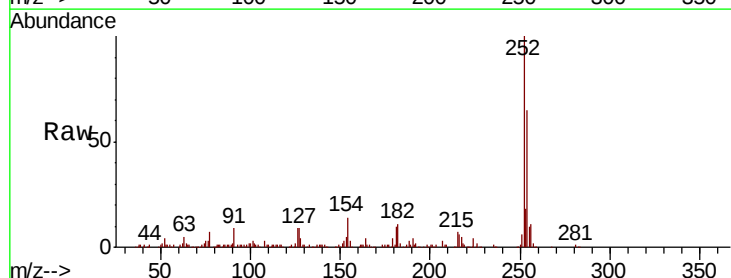
Tgt Ion:252 Resp: 185698

Ion Ratio Lower Upper

252 100

254 64.7 51.3 76.9

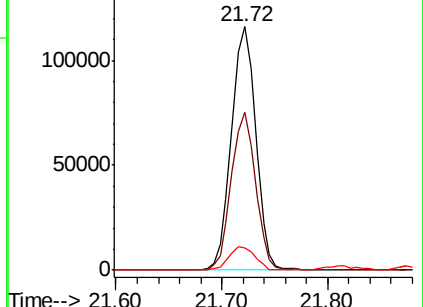
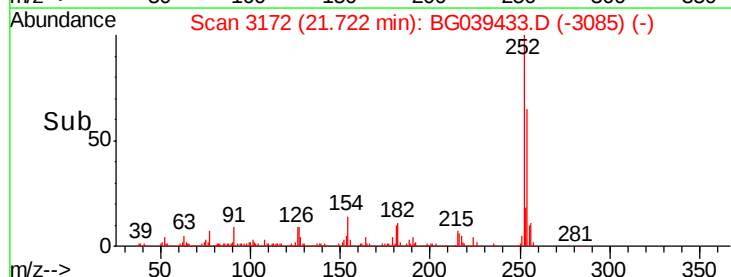
126 8.9 8.0 12.0

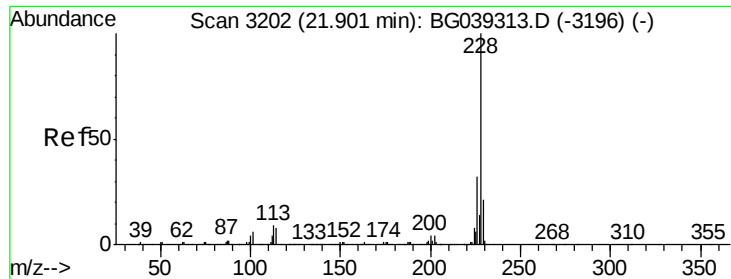


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.387 ng

RT: 21.88 min Scan# 3199

Delta R.T. -0.02 min

Lab File: BG039433.D

Acq: 11 Feb 2019 14:16

Instrument :

BNA_G

ClientSampleId :

A0C12-SS1-7.5-8.0MS

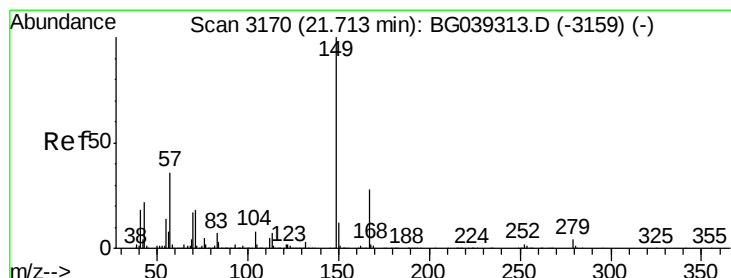
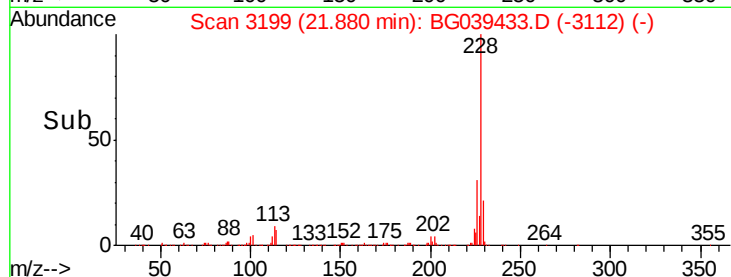
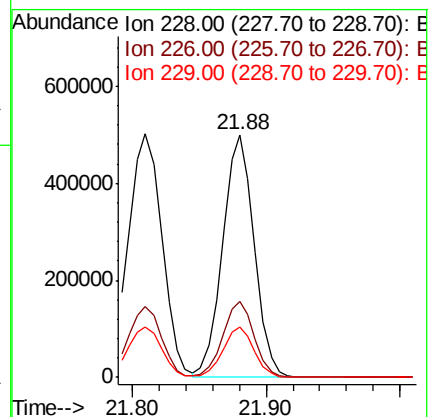
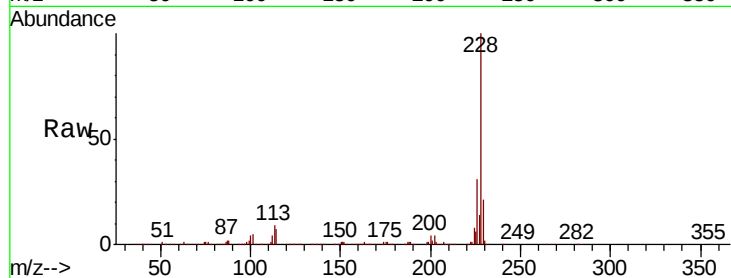
Tgt Ion:228 Resp: 826023

Ion Ratio Lower Upper

228 100

226 31.2 25.8 38.6

229 20.6 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.975 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.03 min

Lab File: BG039433.D

Acq: 11 Feb 2019 14:16

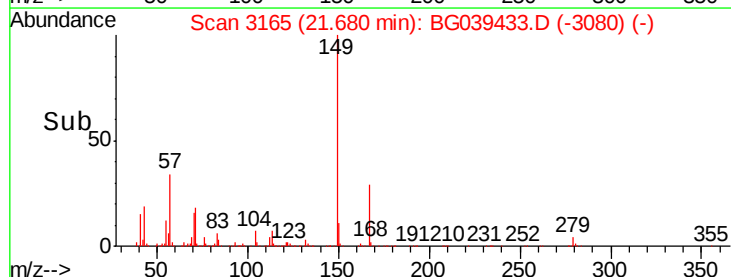
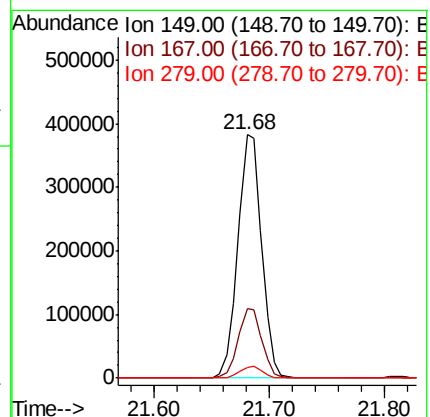
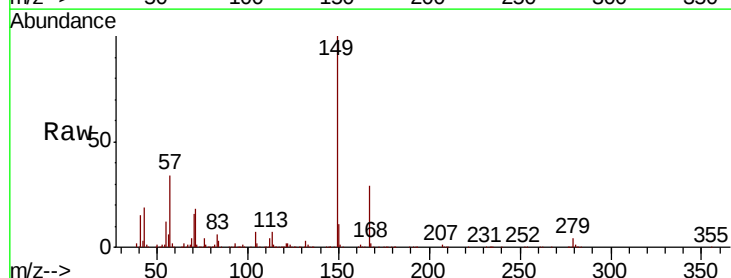
Tgt Ion:149 Resp: 544106

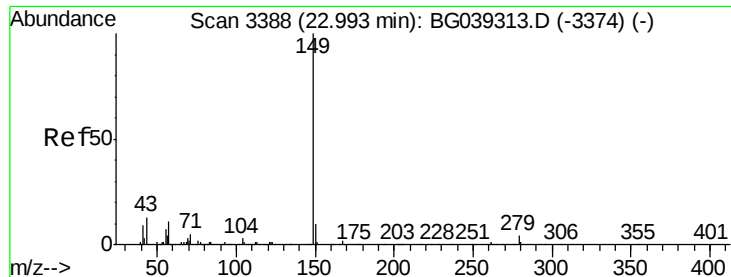
Ion Ratio Lower Upper

149 100

167 28.8 22.6 34.0

279 4.2 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 38.426 ng

RT: 22.95 min Scan# 3381

Delta R.T. -0.04 min

Lab File: BG039433.D

Acq: 11 Feb 2019 14:16

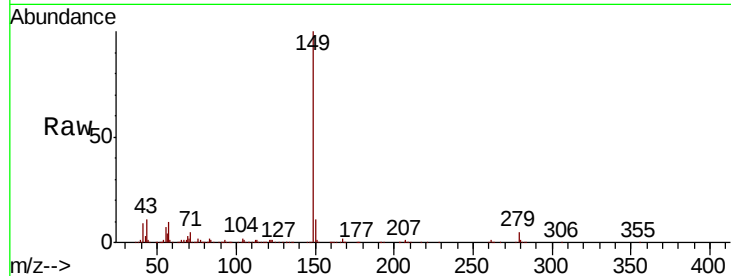
Instrument :

BNA_G

ClientSampleId :

A0C12-SS1-7.5-8.0MS

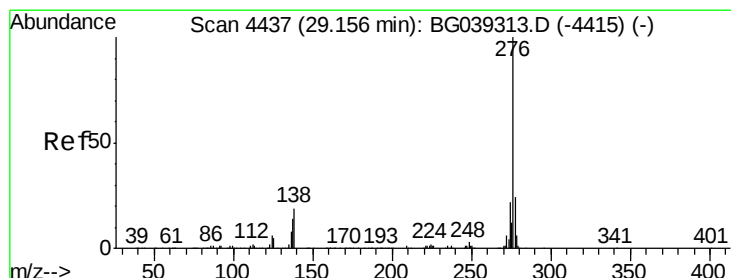
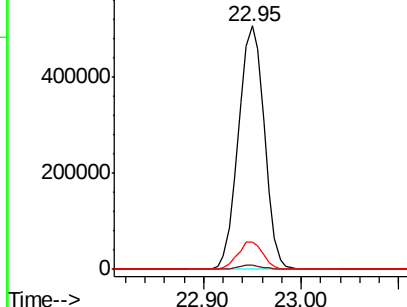
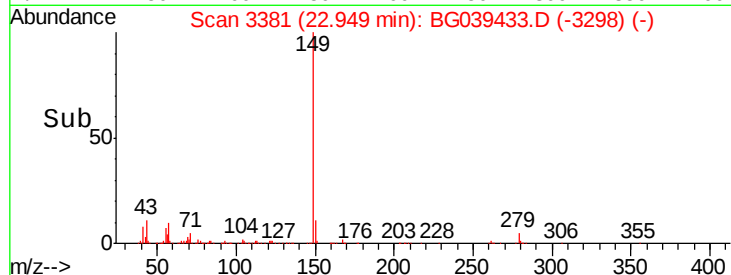
Tgt Ion:	149	Resp:	934191
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	10.8	10.2	15.4



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: 42.110 ng

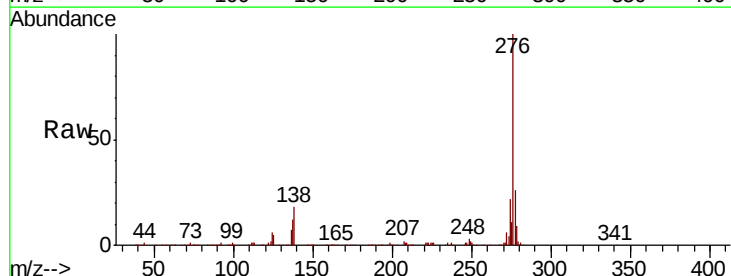
RT: 29.10 min Scan# 4428

Delta R.T. -0.06 min

Lab File: BG039433.D

Acq: 11 Feb 2019 14:16

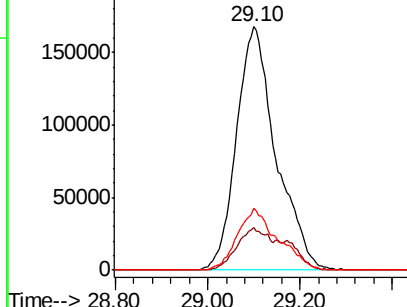
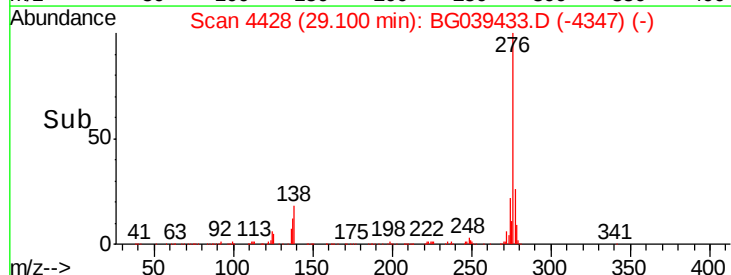
Tgt Ion:	276	Resp:	998222
Ion Ratio	Lower	Upper	
276	100		
138	13.9	12.6	19.0
277	26.0	20.8	31.2



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

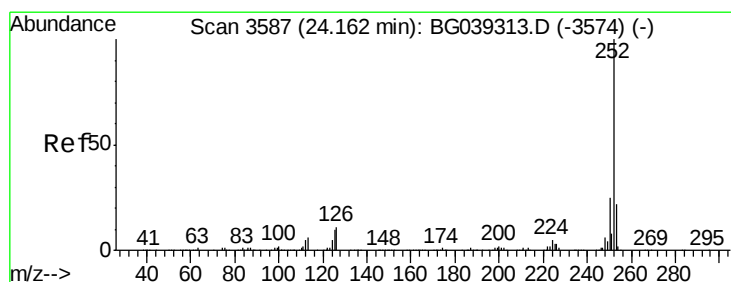
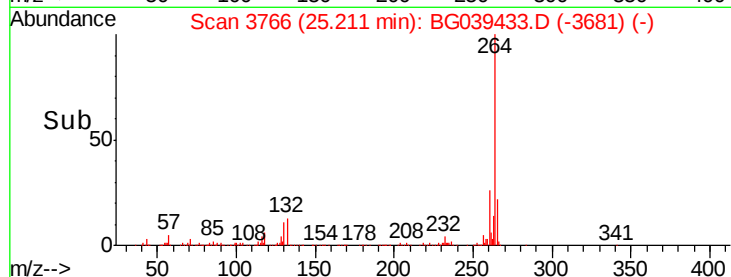
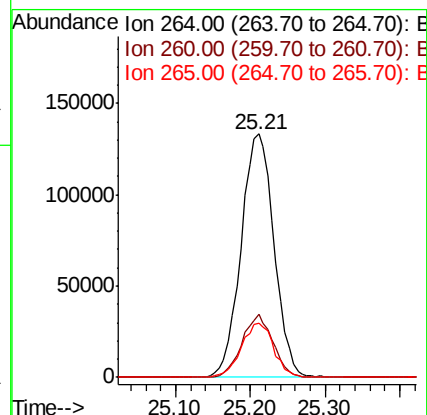
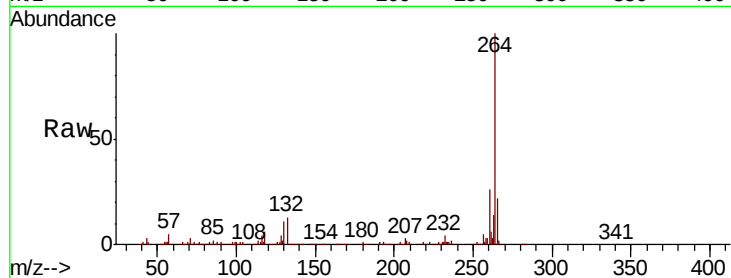




#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.21 min Scan# 3766
 Delta R.T. -0.03 min
 Lab File: BG039433.D
 Acq: 11 Feb 2019 14:16

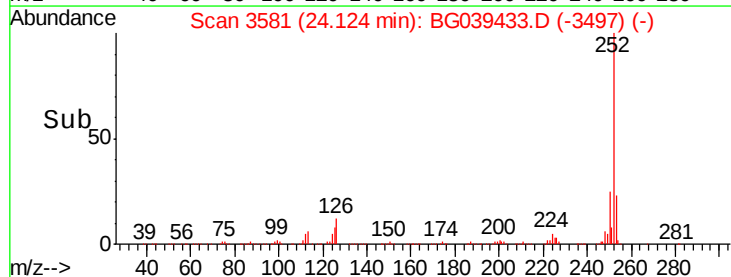
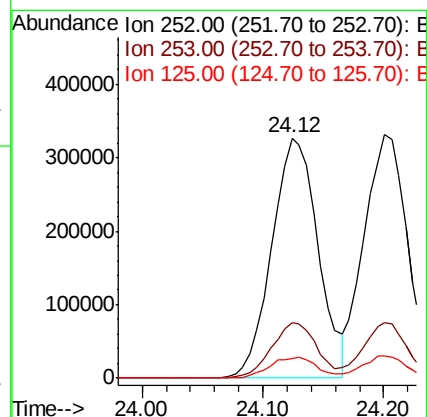
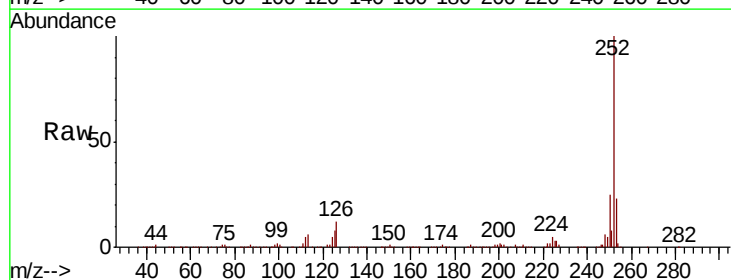
Instrument :
 BNA_G
 ClientSampleId :
 A0C12-SS1-7.5-8.0MS

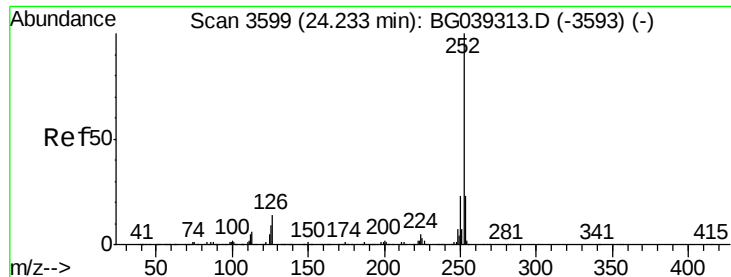
Tgt Ion: 264 Resp: 407492
 Ion Ratio Lower Upper
 264 100
 260 25.7 18.2 27.4
 265 22.3 18.5 27.7



#88
 Benzo(b)fluoranthene
 Concen: 39.005 ng
 RT: 24.12 min Scan# 3581
 Delta R.T. -0.04 min
 Lab File: BG039433.D
 Acq: 11 Feb 2019 14:16

Tgt Ion: 252 Resp: 866795
 Ion Ratio Lower Upper
 252 100
 253 23.1 17.8 26.8
 125 8.3 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 36.725 ng

RT: 24.20 min Scan# 3594

Delta R.T. -0.03 min

Lab File: BG039433.D

Acq: 11 Feb 2019 14:16

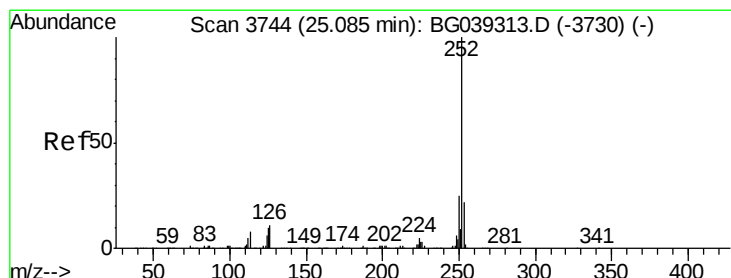
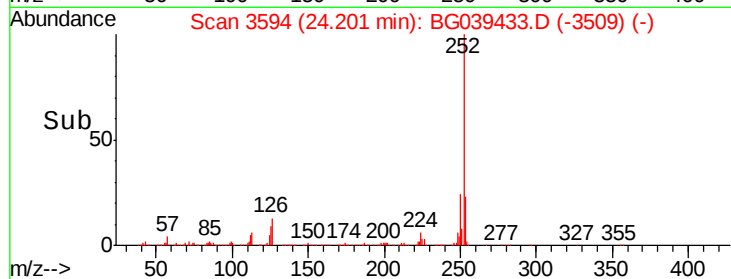
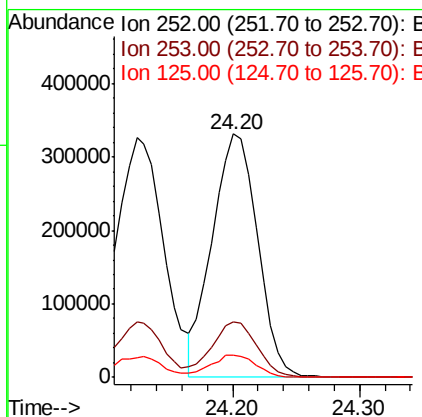
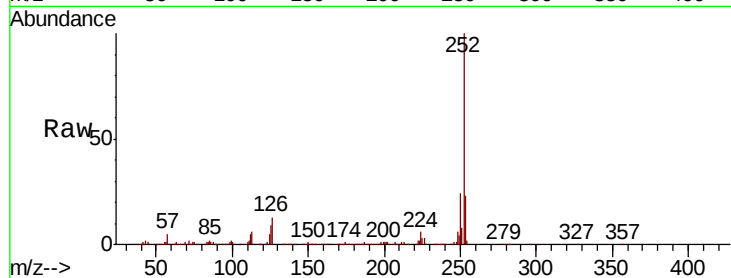
Instrument :

BNA_G

ClientSampleId :

A0C12-SS1-7.5-8.0MS

Tgt Ion:	252	Resp:	819384
Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	9.0	7.4	11.2



#90

Benzo(a)pyrene

Concen: 39.534 ng

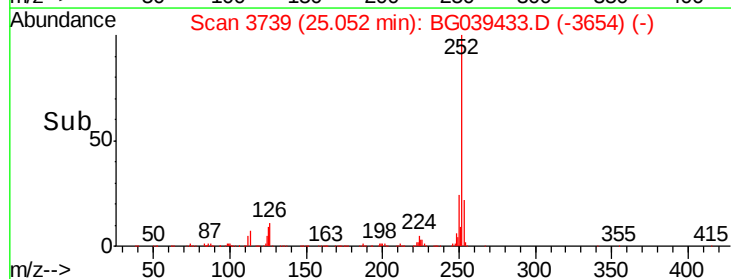
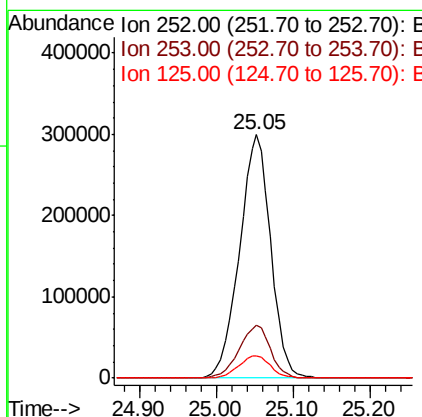
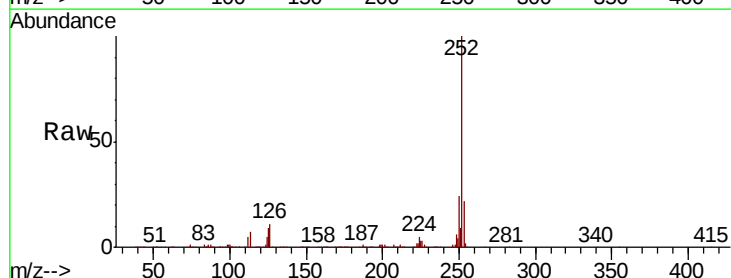
RT: 25.05 min Scan# 3739

Delta R.T. -0.03 min

Lab File: BG039433.D

Acq: 11 Feb 2019 14:16

Tgt Ion:	252	Resp:	846119
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	9.3	8.3	12.5





#91

Dibenzo(a,h)anthracene

Concen: 40.487 ng

RT: 29.16 min Scan# 4439

Delta R.T. -0.07 min

Lab File: BG039433.D

Acq: 11 Feb 2019 14:16

Instrument :

BNA_G

ClientSampleId :

A0C12-SS1-7.5-8.0MS

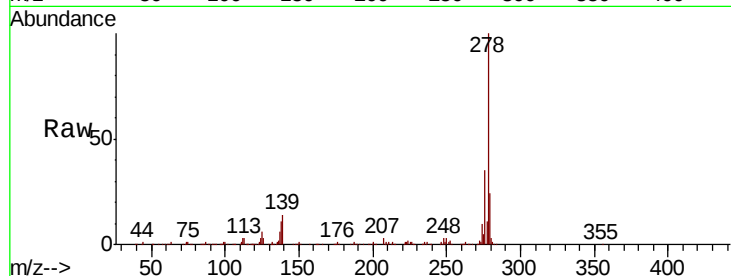
Tgt Ion:278 Resp: 811487

Ion Ratio Lower Upper

278 100

139 14.0 11.7 17.5

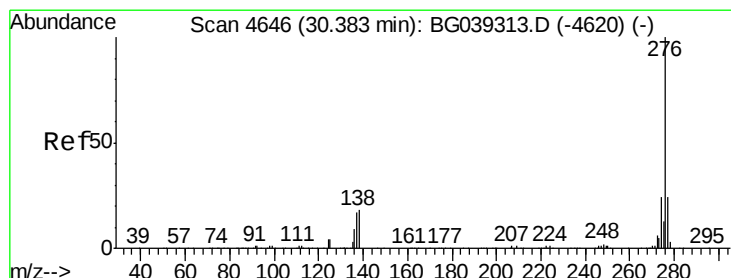
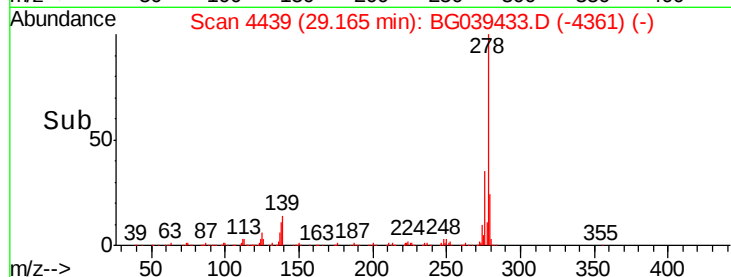
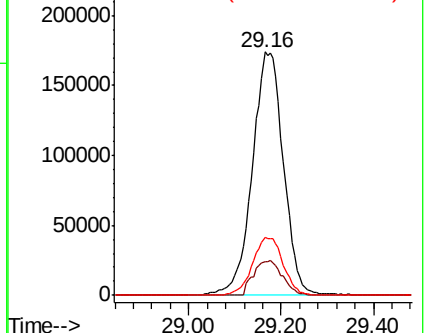
279 23.7 19.1 28.7



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: 41.141 ng

RT: 30.33 min Scan# 4638

Delta R.T. -0.05 min

Lab File: BG039433.D

Acq: 11 Feb 2019 14:16

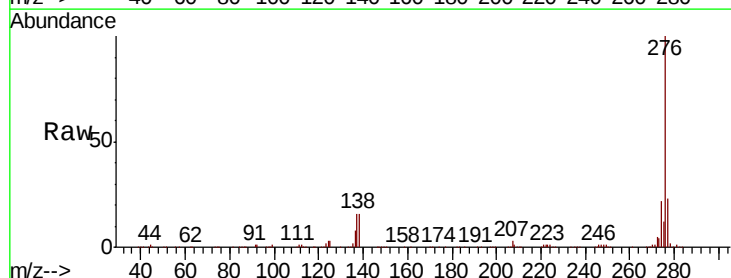
Tgt Ion:276 Resp: 821889

Ion Ratio Lower Upper

276 100

277 23.3 19.6 29.4

138 16.3 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

