

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022619\
 Data File : BG039611.D
 Acq On : 26 Feb 2019 21:59
 Operator : JU/SJ
 Sample : K1594-31MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-4B(14-15)MS

Quant Time: Feb 27 00:00:48 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	57770	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	239637	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	162969	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	399912	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	388668	20.00	ng	-0.02
87) Perylene-d12	25.20	264	405509	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	551263	163.32	ng	0.00
7) Phenol-d6	7.32	99	806178	162.26	ng	0.00
23) Nitrobenzene-d5	9.35	82	469043	122.28	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	320554	182.66	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	1069279	94.12	ng	-0.02
79) Terphenyl-d14	20.13	244	1559020	84.90	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	61451	41.620	ng	95
3) Pyridine	4.01	79	175195	44.817	ng	99
4) n-Nitrosodimethylamine	3.92	42	97445	49.844	ng	90
6) Aniline	7.50	93	264974	42.577	ng	99
8) 2-Chlorophenol	7.73	128	196572	53.277	ng	98
9) Benzaldehyde	7.31	77	88256	34.086	ng	98
10) Phenol	7.35	94	284002	54.835	ng	96
11) bis(2-Chloroethyl)ether	7.58	93	196807	48.089	ng	96
12) 1,3-Dichlorobenzene	8.05	146	212608	47.567	ng	97
13) 1,4-Dichlorobenzene	8.21	146	214215	48.084	ng	98
14) 1,2-Dichlorobenzene	8.52	146	205907	47.743	ng	100
15) Benzyl Alcohol	8.41	79	194121	49.766	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.68	45	376883	40.779	ng	99
17) 2-Methylphenol	8.60	107	180597	53.883	ng	98
18) Hexachloroethane	9.25	117	75391	49.188	ng	97
19) n-Nitroso-di-n-propylamine	8.97	70	160427	45.493	ng	95
20) 3+4-Methylphenols	8.93	107	247182	53.556	ng	98
22) Acetophenone	9.00	105	308328	47.899	ng	# 96
24) Nitrobenzene	9.39	77	239231	57.728	ng	98
25) Isophorone	9.90	82	465203	54.727	ng	98
26) 2-Nitrophenol	10.10	139	119739	65.843	ng	96
27) 2,4-Dimethylphenol	10.14	122	202536	58.900	ng	93
28) bis(2-Chloroethoxy)methane	10.39	93	276897	52.886	ng	97
29) 2,4-Dichlorophenol	10.63	162	222685	59.254	ng	95
30) 1,2,4-Trichlorobenzene	10.84	180	223296	52.922	ng	99
31) Naphthalene	11.04	128	639066	53.756	ng	99
32) Benzoic acid	10.21	122	7014	11.551	ng	89
33) 4-Chloroaniline	11.15	127	186926	33.911	ng	98
34) Hexachlorobutadiene	11.30	225	142120	50.649	ng	91
35) Caprolactam	11.94	113	49837	32.046	ng	93
36) 4-Chloro-3-methylphenol	12.25	107	242005	55.680	ng	96
37) 2-Methylnaphthalene	12.63	142	484125	54.982	ng	97
38) 1-Methylnaphthalene	12.85	142	454610	53.561	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	268450	51.772	ng	98

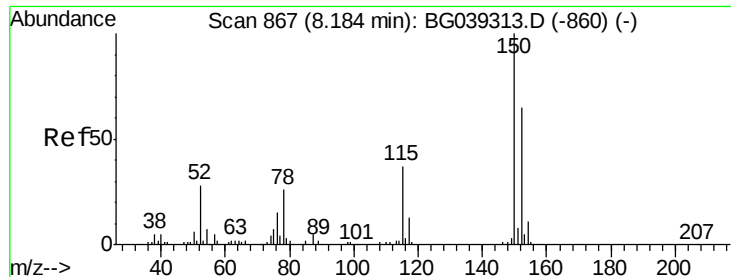
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022619\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	329025	116.449	ng	100
43) 2,4,6-Trichlorophenol	13.23	196	187053	58.672	ng	98
44) 2,4,5-Trichlorophenol	13.30	196	202450	60.588	ng	98
46) 1,1'-Biphenyl	13.63	154	642880	47.412	ng	99
47) 2-Chloronaphthalene	13.68	162	499045	48.924	ng	98
48) 2-Nitroaniline	13.89	65	177966	58.534	ng	93
49) Acenaphthylene	14.52	152	808631	52.537	ng	99
50) Dimethylphthalate	14.24	163	728754	55.368	ng	99
51) 2,6-Dinitrotoluene	14.37	165	154378	60.741	ng	98
52) Acenaphthene	14.86	154	494269	49.471	ng	99
53) 3-Nitroaniline	14.70	138	117828	44.827	ng	# 93
54) 2,4-Dinitrophenol	14.90	184	112640	94.878	ng	99
55) Dibenzofuran	15.19	168	803730	50.174	ng	99
56) 4-Nitrophenol	15.00	139	265594	109.314	ng	90
57) 2,4-Dinitrotoluene	15.16	165	217460	65.587	ng	90
58) Fluorene	15.84	166	633403	53.042	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.41	232	202449	64.709	ng	98
60) Diethylphthalate	15.59	149	678043	49.825	ng	98
61) 4-Chlorophenyl-phenylether	15.82	204	336484	49.764	ng	99
62) 4-Nitroaniline	15.87	138	168600	59.940	ng	94
63) Azobenzene	16.11	77	609568	45.829	ng	99
65) 4,6-Dinitro-2-methylphenol	15.91	198	122331	67.161	ng	91
66) n-Nitrosodiphenylamine	16.04	169	591040	48.605	ng	99
67) 4-Bromophenyl-phenylether	16.72	248	226040	50.949	ng	94
68) Hexachlorobenzene	16.83	284	231785	52.072	ng	95
69) Atrazine	16.98	200	220352	49.587	ng	99
70) Pentachlorophenol	17.18	266	307526	99.405	ng	99
71) Phenanthrene	17.58	178	1065893	51.497	ng	99
72) Anthracene	17.67	178	1075996	52.776	ng	96
73) Carbazole	17.94	167	958601	47.113	ng	99
74) Di-n-butylphthalate	18.47	149	1146609	48.304	ng	98
75) Fluoranthene	19.58	202	1243421	51.757	ng	99
77) Benzidine	19.76	184	685932	53.829	ng	98
78) Pyrene	19.94	202	1230528	50.857	ng	98
80) Butylbenzylphthalate	20.81	149	535980	52.513	ng	95
81) Benzo(a)anthracene	21.81	228	1232729	53.676	ng	98
82) 3,3'-Dichlorobenzidine	21.72	252	321856	37.796	ng	100
83) Chrysene	21.88	228	1141506	52.213	ng	98
84) Bis(2-ethylhexyl)phthalate	21.67	149	748845	51.427	ng	98
85) Di-n-octyl phthalate	22.93	149	1269307	52.764	ng	96
86) Indeno(1,2,3-cd)pyrene	29.09	276	1402473	59.791	ng	# 95
88) Benzo(b)fluoranthene	24.12	252	1215638	54.970	ng	99
89) Benzo(k)fluoranthene	24.20	252	1170667	52.726	ng	99
90) Benzo(a)pyrene	25.04	252	1184170	55.600	ng	99
91) Dibenzo(a,h)anthracene	29.16	278	1134664	56.888	ng	99
92) Benzo(g,h,i)perylene	30.32	276	1161072	58.403	ng	97

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

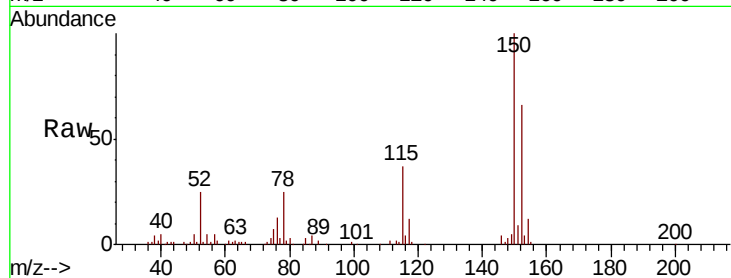


#1

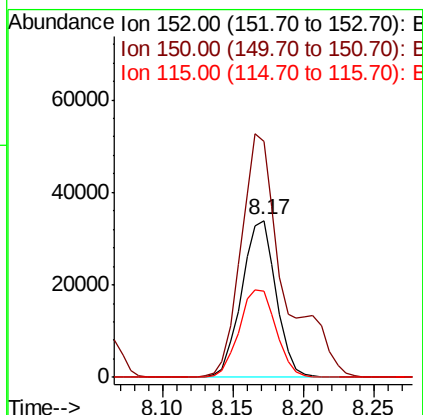
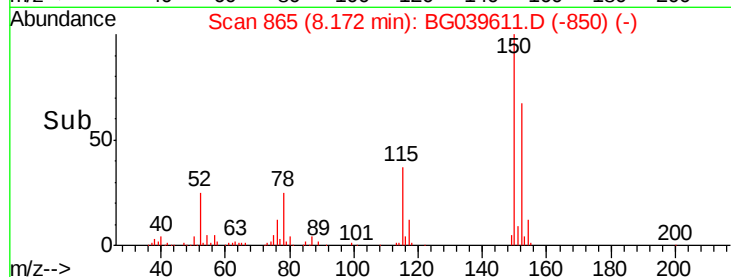
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MS

Tgt Ion:152 Resp: 57770
Ion Ratio Lower Upper
152 100
150 150.6 123.7 185.5
115 55.2 45.9 68.9



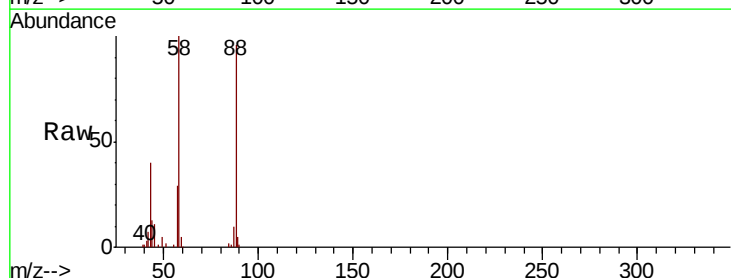
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



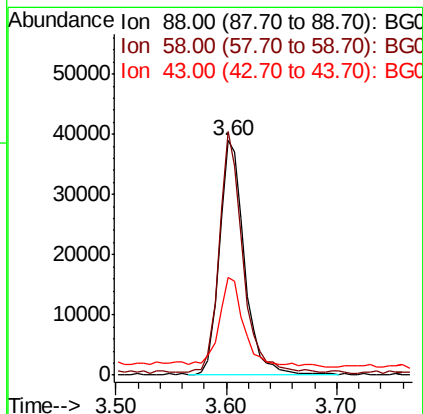
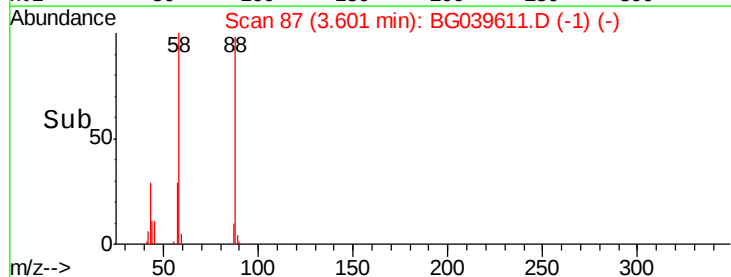
#2

1,4-Dioxane
Concen: 41.620 ng
RT: 3.60 min Scan# 87
Delta R.T. -0.02 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Tgt Ion: 88 Resp: 61451
Ion Ratio Lower Upper
88 100
58 96.8 81.1 121.7
43 36.4 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: 44.817 ng

RT: 4.01 min Scan# 156

Delta R.T. -0.01 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Instrument :

BNA_G

ClientSampleId :

B-4B(14-15)MS

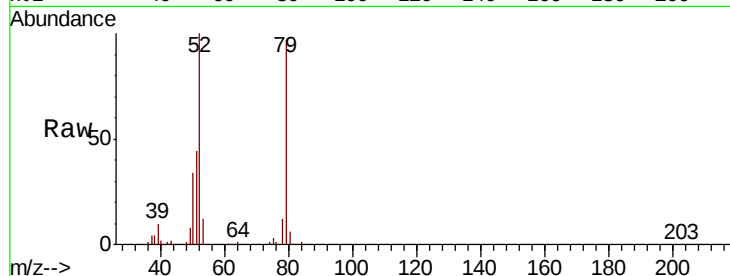
Tgt Ion: 79 Resp: 175195

Ion Ratio Lower Upper

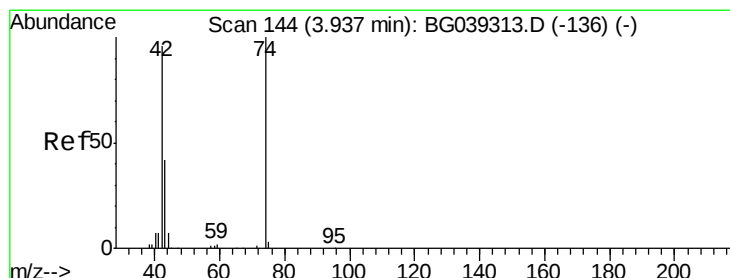
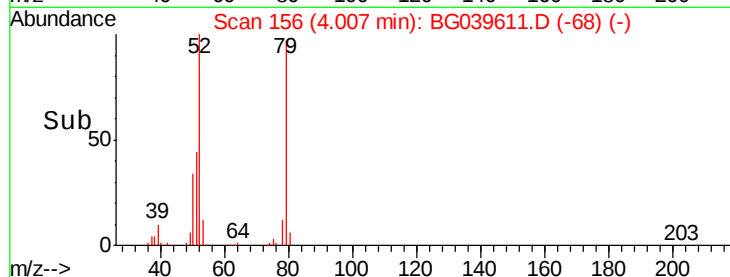
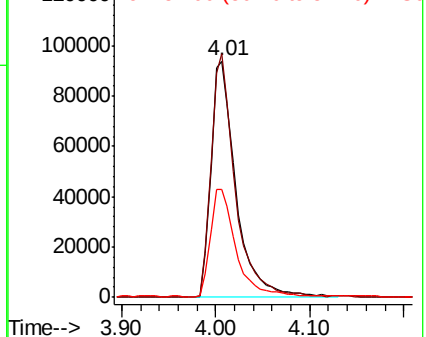
79 100

52 103.0 82.6 124.0

51 45.7 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: 49.844 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

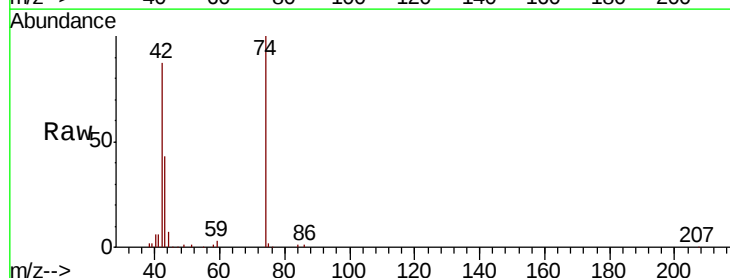
Tgt Ion: 42 Resp: 97445

Ion Ratio Lower Upper

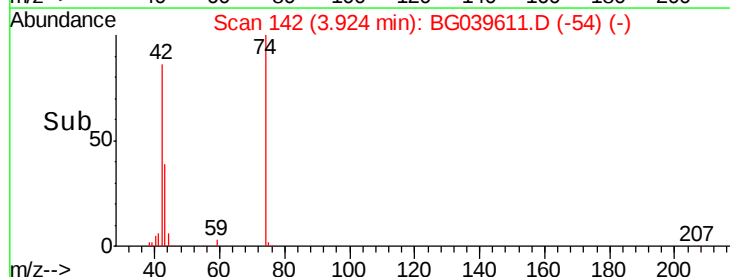
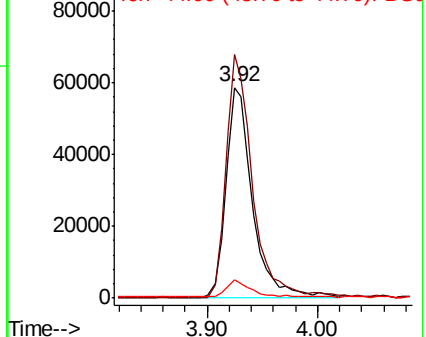
42 100

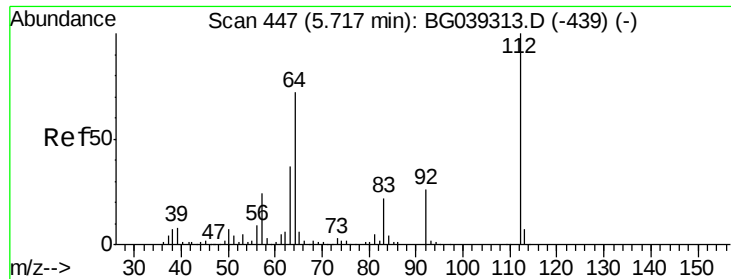
74 115.5 83.6 125.4

44 8.4 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: 163.319 ng

RT: 5.72 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Instrument :

BNA_G

ClientSampleId :

B-4B(14-15)MS

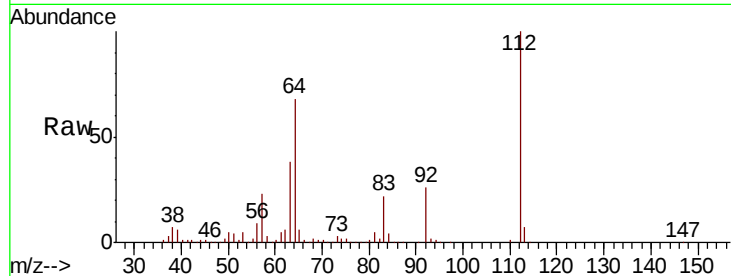
Tgt Ion: 112 Resp: 551263

Ion Ratio Lower Upper

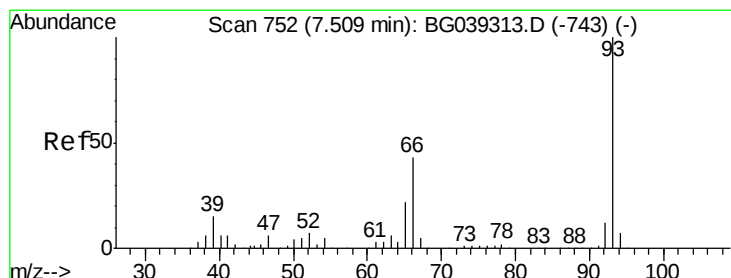
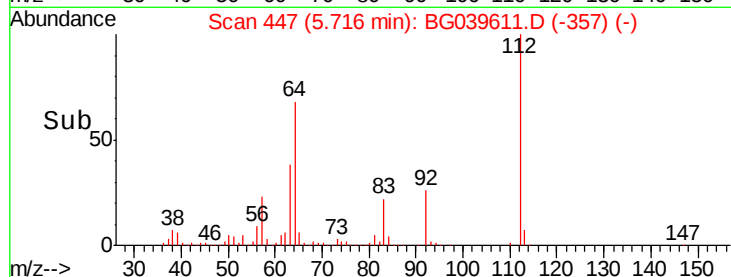
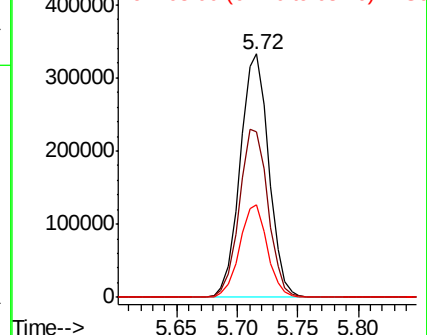
112 100

64 68.2 57.8 86.8

63 38.3 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: 42.577 ng

RT: 7.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

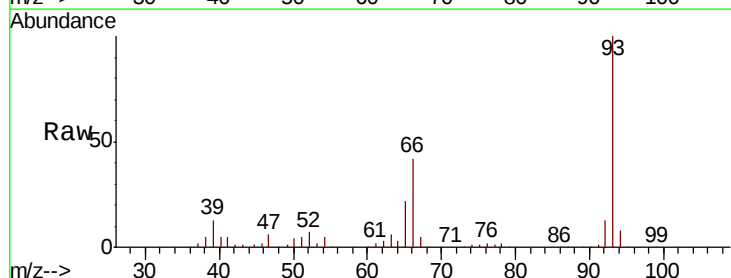
Tgt Ion: 93 Resp: 264974

Ion Ratio Lower Upper

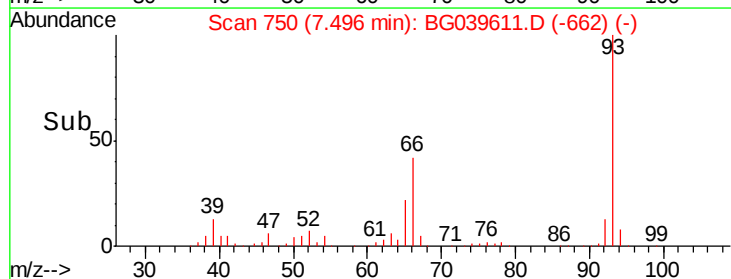
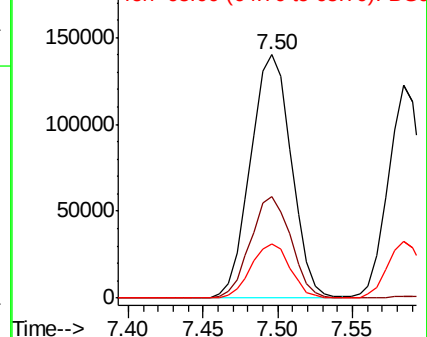
93 100

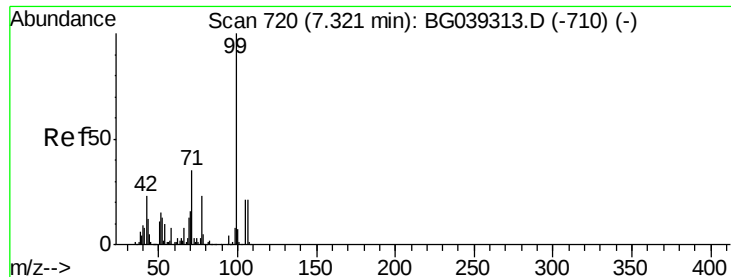
66 41.6 34.2 51.4

65 22.5 17.7 26.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 162.259 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039611.D

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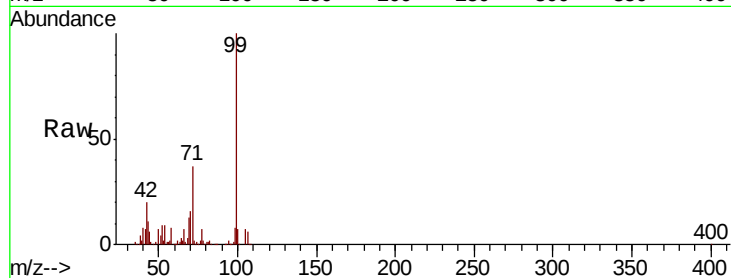
Tgt Ion: 99 Resp: 806178

Ion Ratio Lower Upper

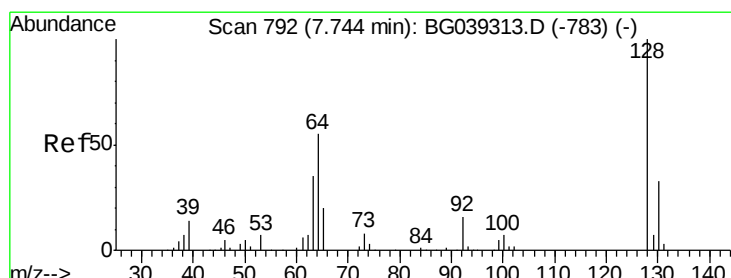
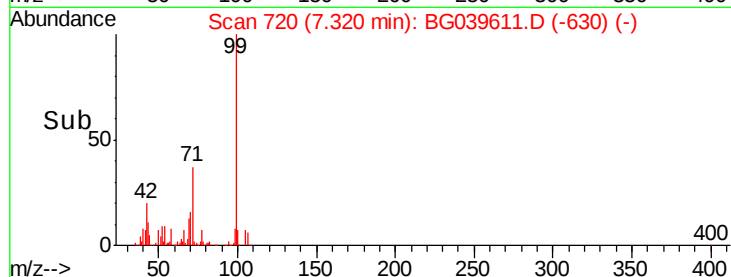
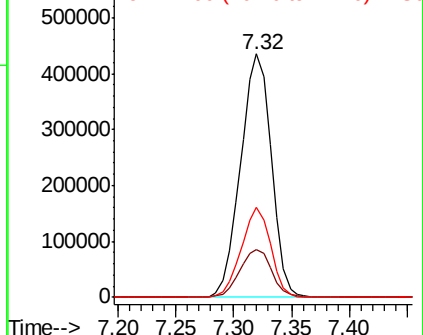
99 100

42 19.8 18.2 27.2

71 36.9 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: 53.277 ng

RT: 7.73 min Scan# 790

Delta R.T. -0.01 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

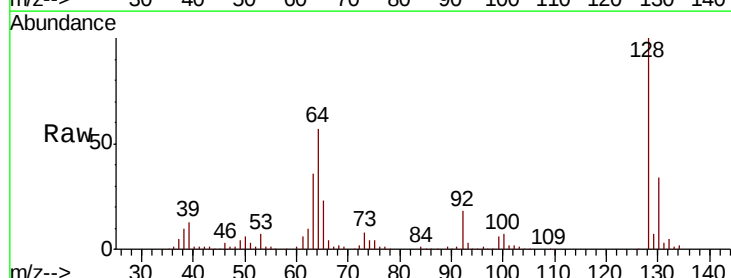
Tgt Ion: 128 Resp: 196572

Ion Ratio Lower Upper

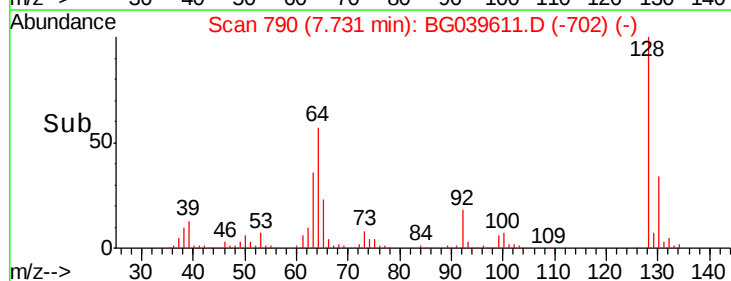
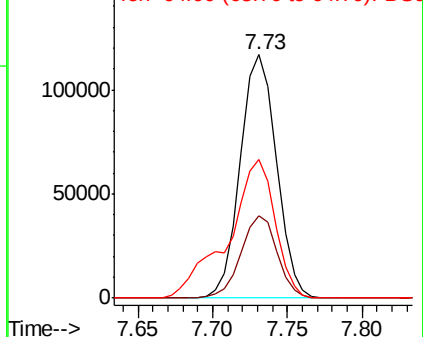
128 100

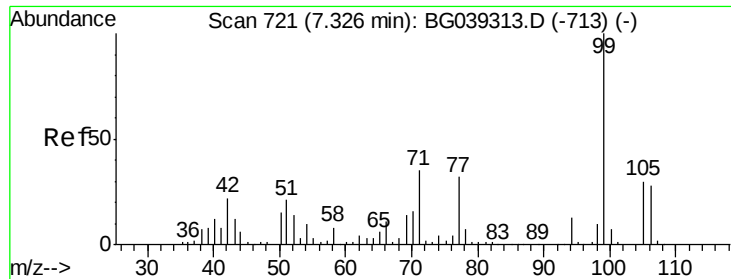
130 33.8 12.9 52.9

64 57.2 38.7 78.7



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





#9

Benzaldehyde

Concen: 34.086 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

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B-4B(14-15)MS

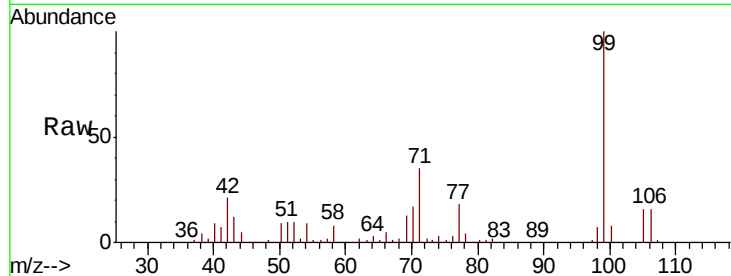
Tgt Ion: 77 Resp: 88256

Ion Ratio Lower Upper

77 100

105 92.8 74.5 114.5

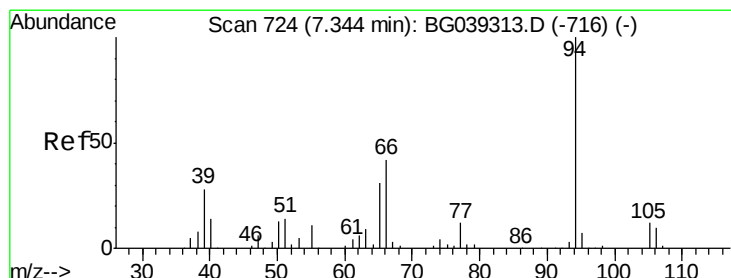
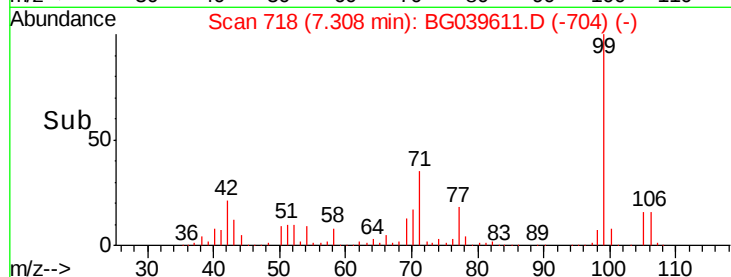
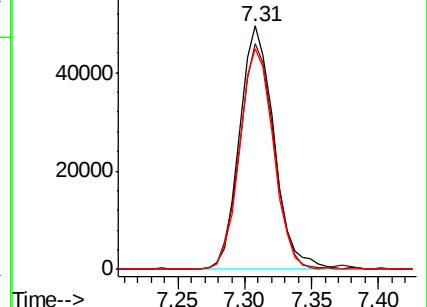
106 90.8 68.0 108.0



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 54.835 ng

RT: 7.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

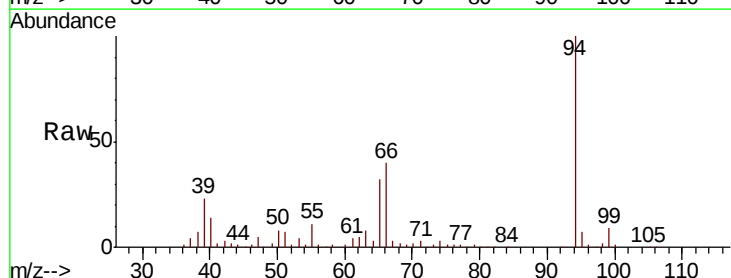
Tgt Ion: 94 Resp: 284002

Ion Ratio Lower Upper

94 100

65 32.1 11.7 51.7

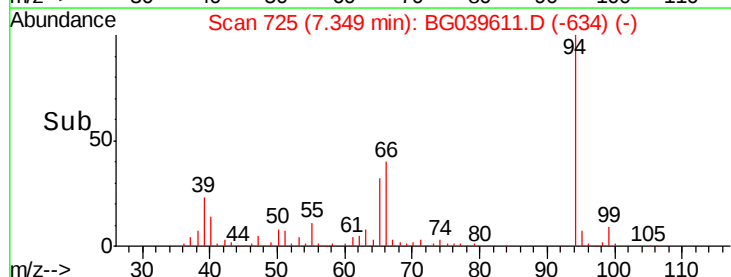
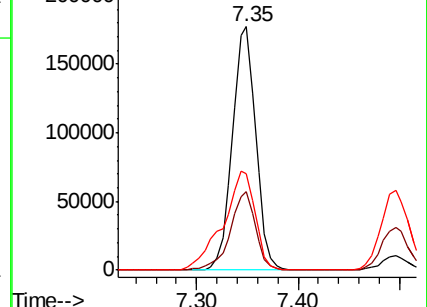
66 39.8 23.7 63.7



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

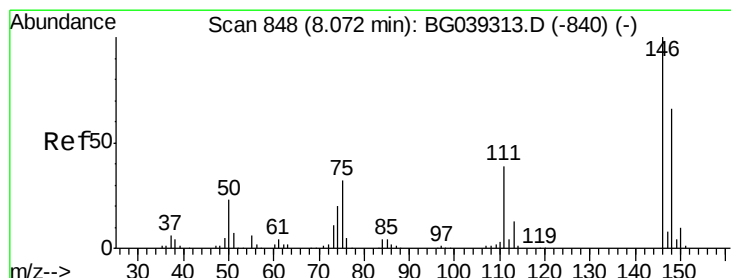
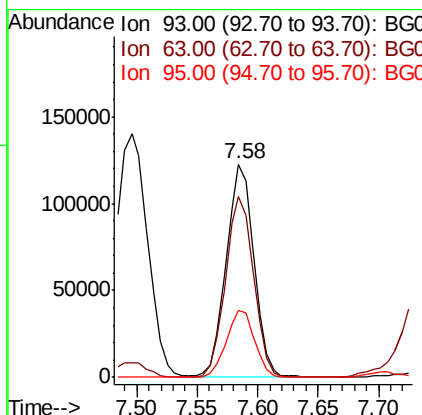
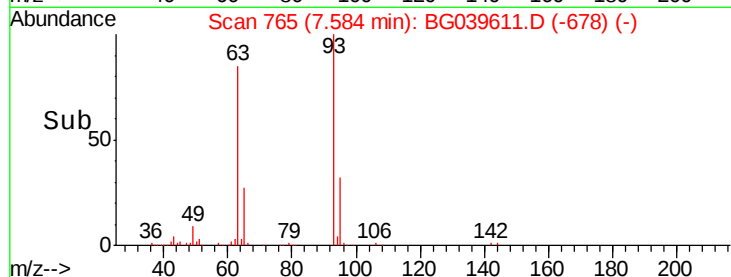
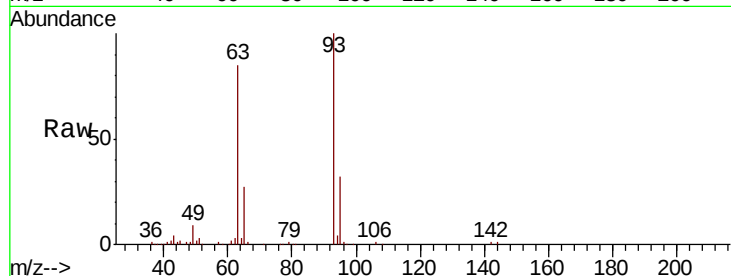




#11
bis(2-Chloroethyl)ether
Concen: 48.089 ng
RT: 7.58 min Scan# 765
Delta R.T. -0.02 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

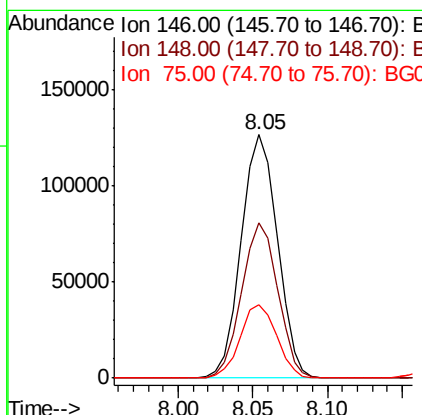
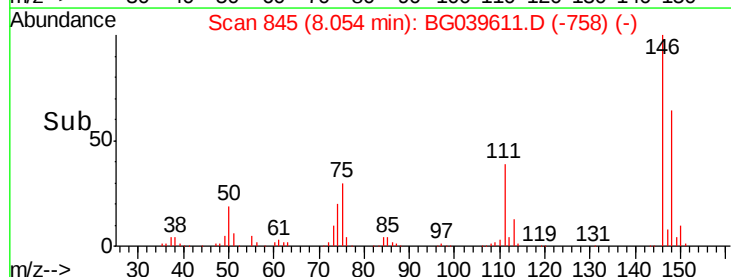
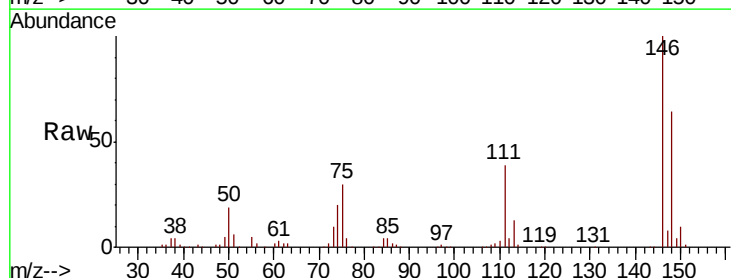
Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MS

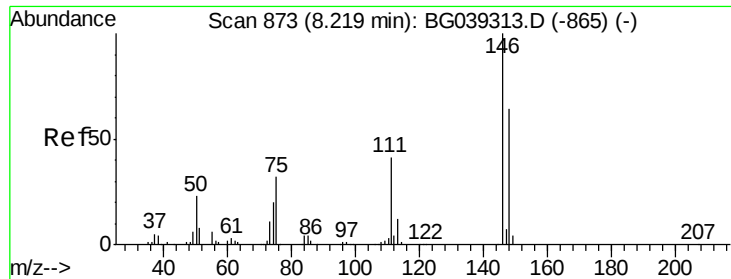
Tgt Ion: 93 Resp: 196807
Ion Ratio Lower Upper
93 100
63 84.6 69.5 109.5
95 31.7 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 47.567 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Tgt Ion: 146 Resp: 212608
Ion Ratio Lower Upper
146 100
148 63.7 52.6 79.0
75 30.3 25.8 38.6

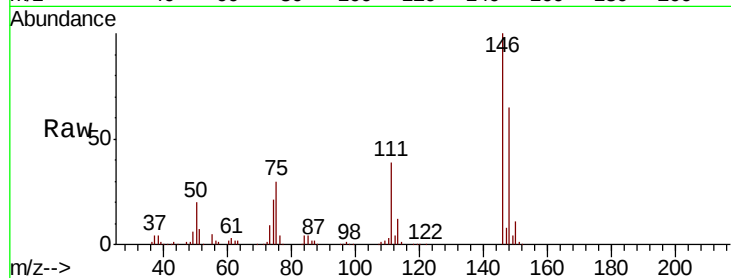




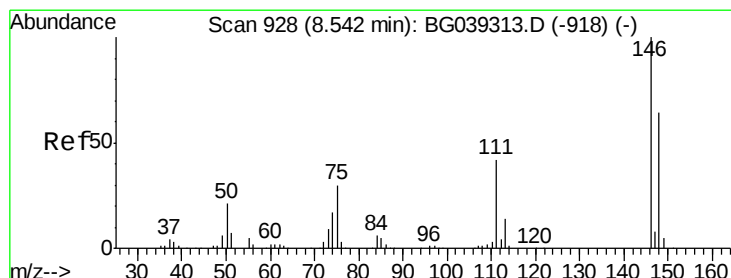
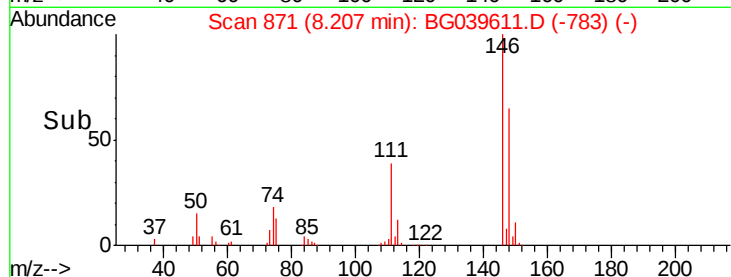
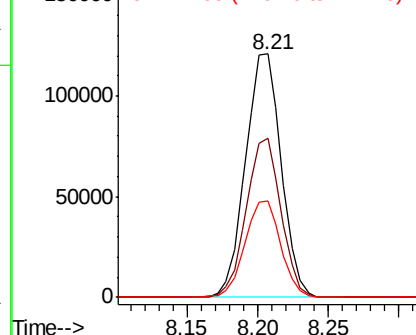
#13
 1,4-Dichlorobenzene
 Concen: 48.084 ng
 RT: 8.21 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BG039611.D
 Acq: 26 Feb 2019 21:59

Instrument :
 BNA_G
 ClientSampleId :
 B-4B(14-15)MS

Tgt Ion:146 Resp: 214215
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.1 76.7
 111 39.4 32.6 48.8

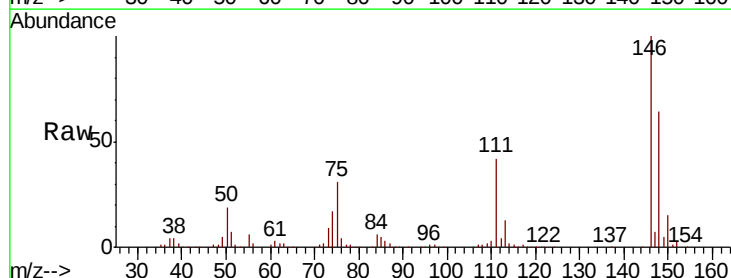


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

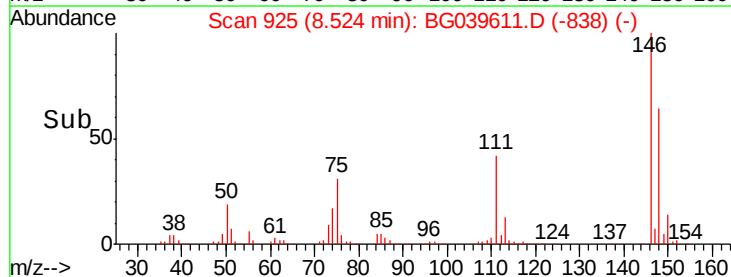
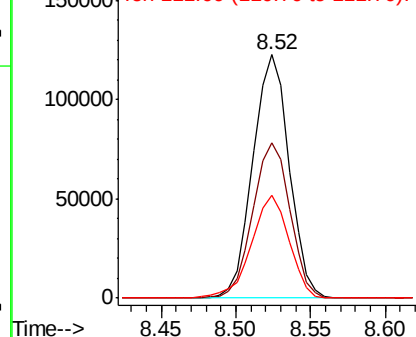


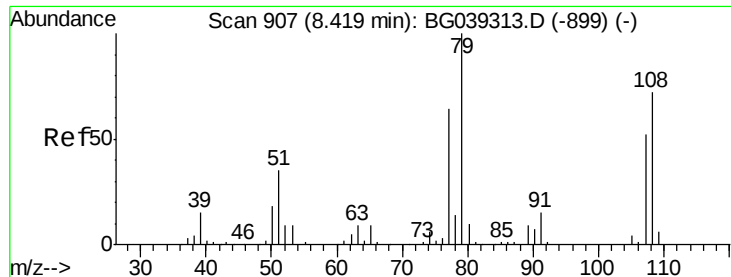
#14
 1,2-Dichlorobenzene
 Concen: 47.743 ng
 RT: 8.52 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BG039611.D
 Acq: 26 Feb 2019 21:59

Tgt Ion:146 Resp: 205907
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.5 77.3
 111 42.4 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 49.766 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Instrument :

BNA_G

ClientSampleId :

B-4B(14-15)MS

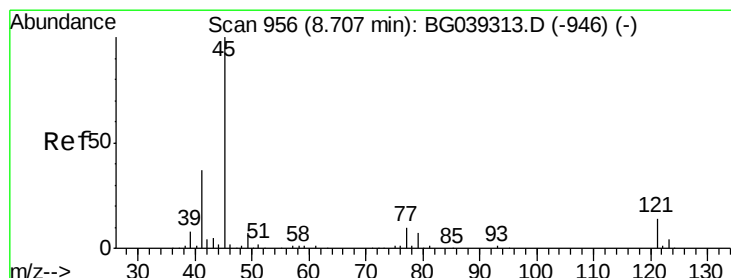
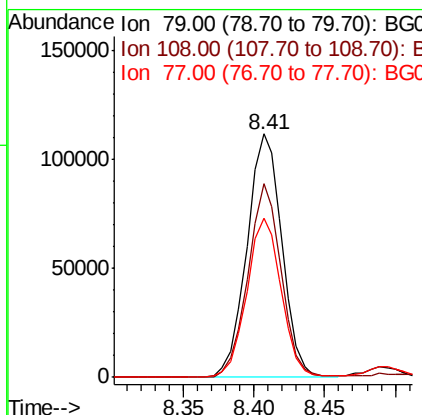
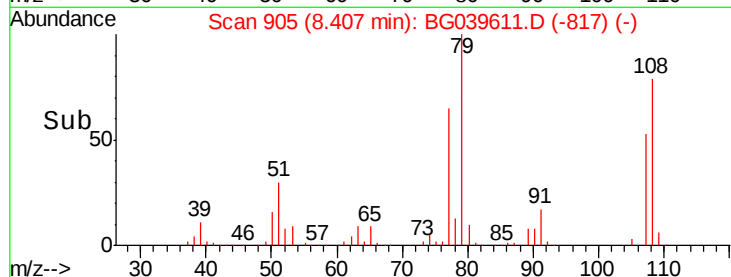
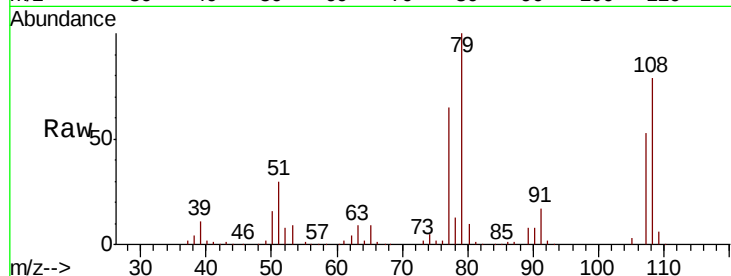
Tgt Ion: 79 Resp: 194121

Ion Ratio Lower Upper

79 100

108 79.3 57.8 86.6

77 65.4 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.779 ng

RT: 8.68 min Scan# 952

Delta R.T. -0.02 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

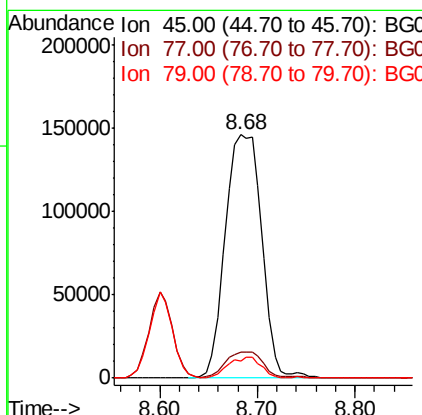
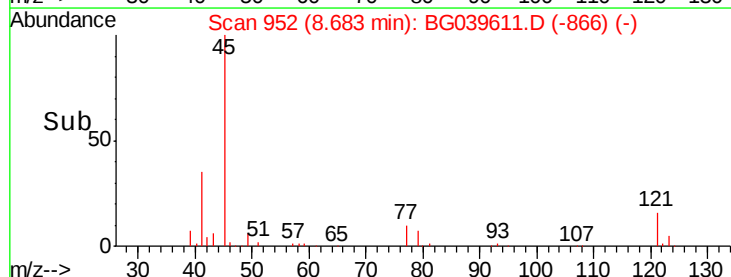
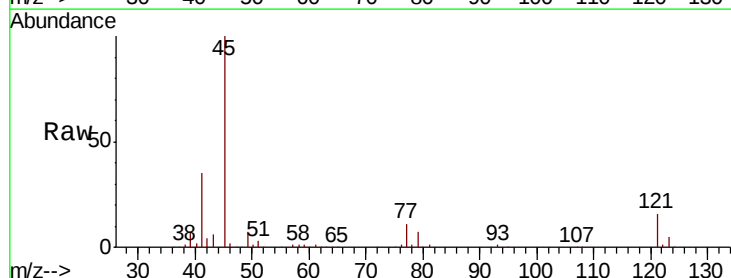
Tgt Ion: 45 Resp: 376883

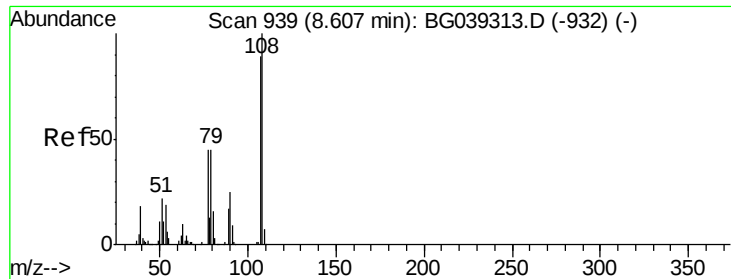
Ion Ratio Lower Upper

45 100

77 10.6 0.0 30.0

79 7.2 0.0 27.5

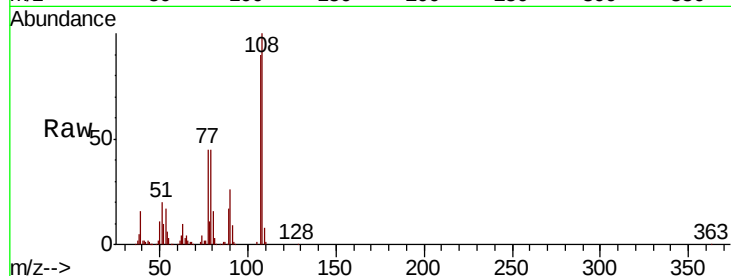




#17
2-Methylphenol
Concen: 53.883 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.1	90.8	136.2
77	49.7	40.7	61.1
79	50.3	40.6	60.8



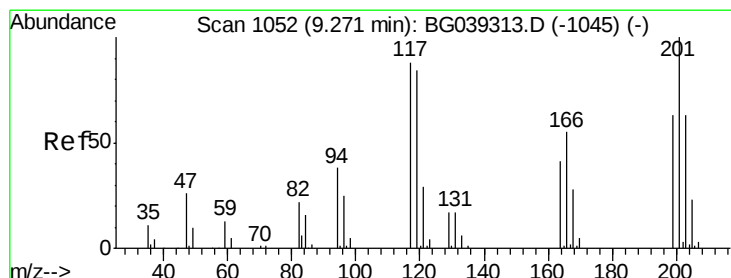
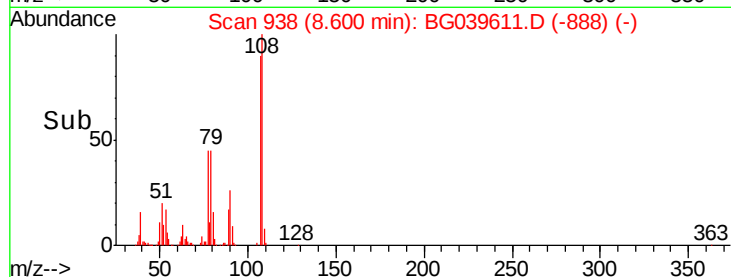
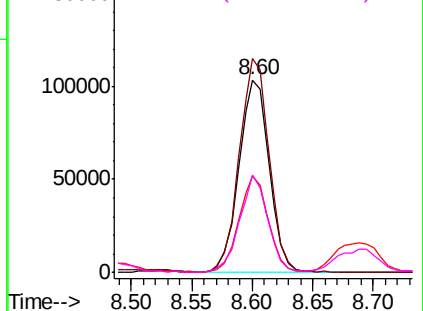
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

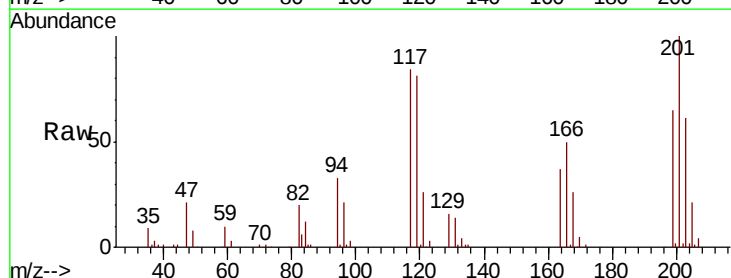
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 49.188 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.3	114.5
201	119.0	91.1	136.7

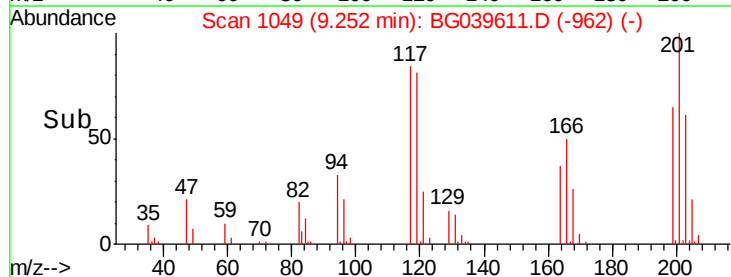
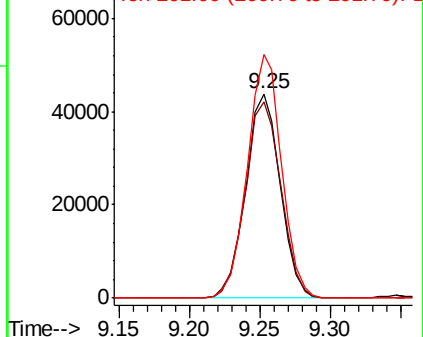


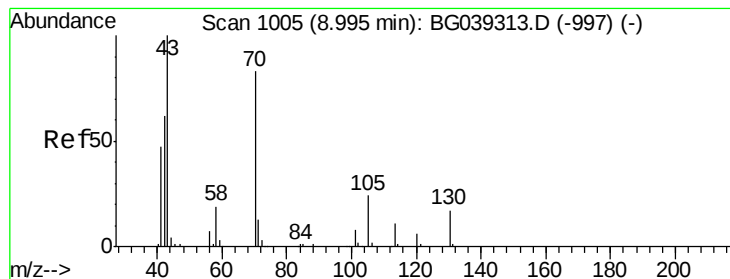
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 45.493 ng

RT: 8.97 min Scan# 1001

Delta R.T. -0.02 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Instrument :

BNA_G

ClientSampleId :

B-4B(14-15)MS

Tgt Ion: 70 Resp: 160427

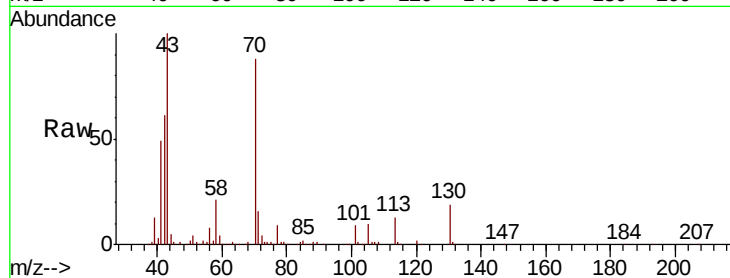
Ion Ratio Lower Upper

70 100

42 69.4 60.4 90.6

101 10.0 7.5 11.3

130 21.5 16.9 25.3

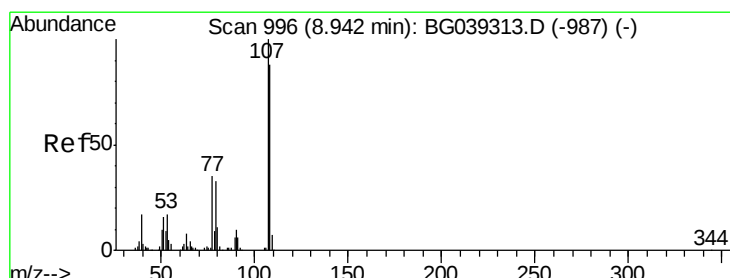
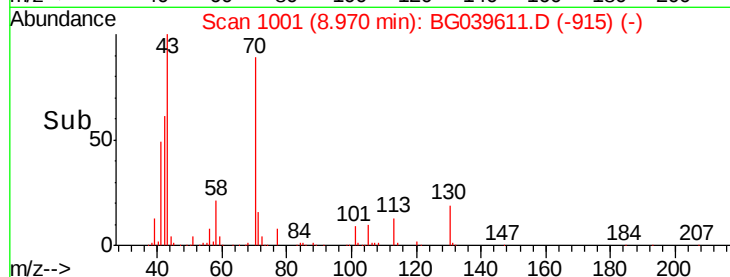
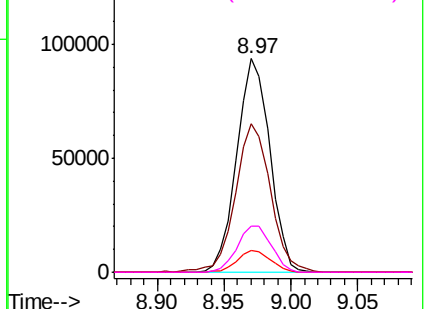


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 53.556 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Tgt Ion: 107 Resp: 247182

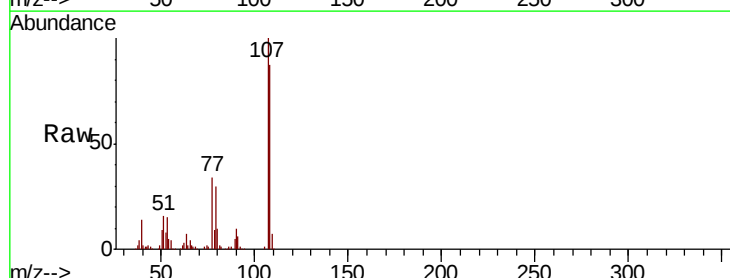
Ion Ratio Lower Upper

107 100

108 87.1 67.9 107.9

77 34.1 15.4 55.4

79 30.1 13.7 53.7

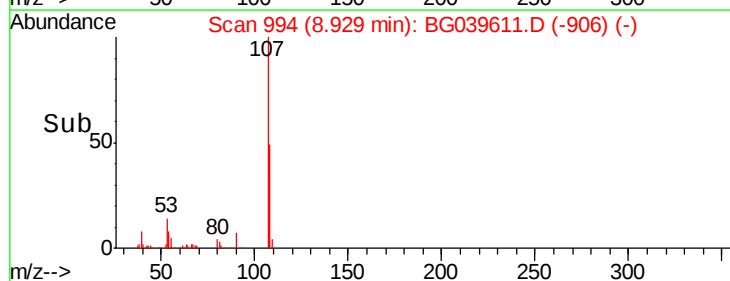
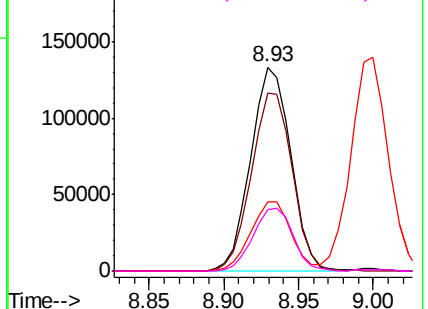


Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

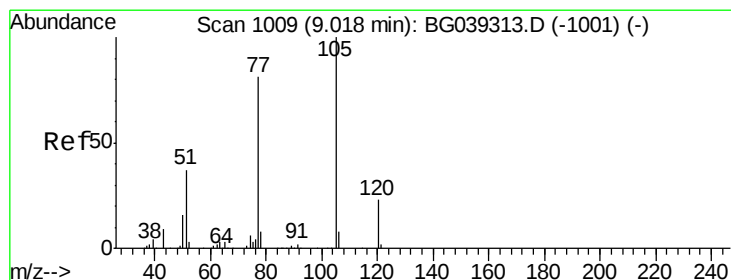
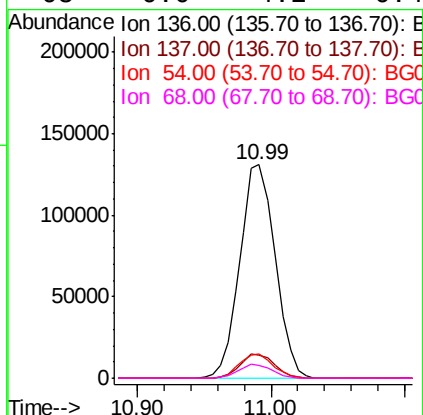
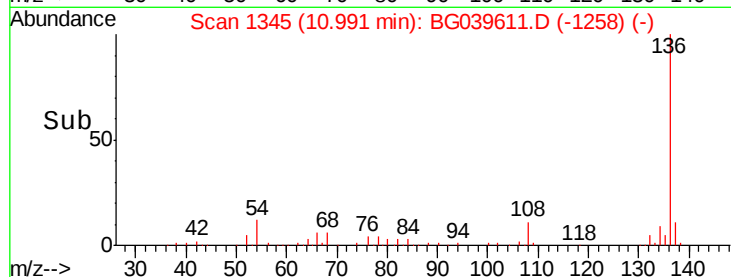
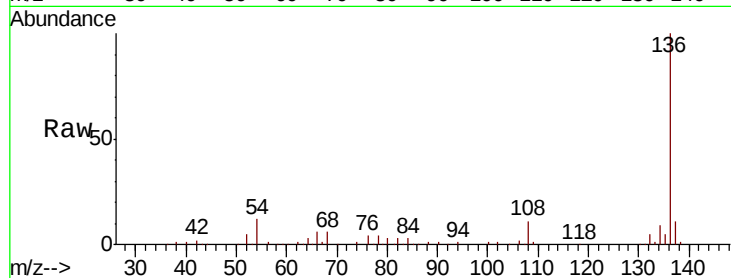




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

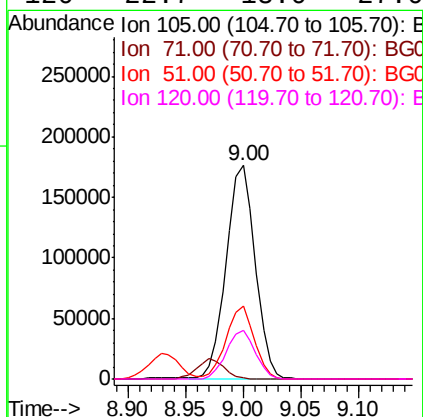
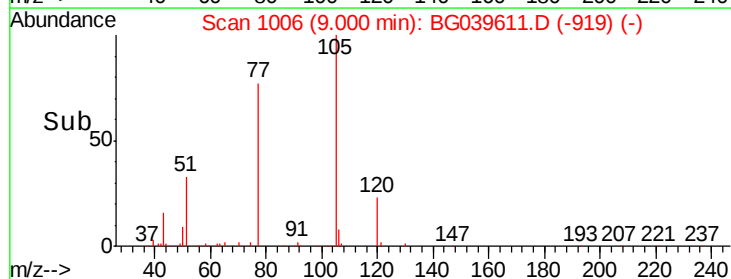
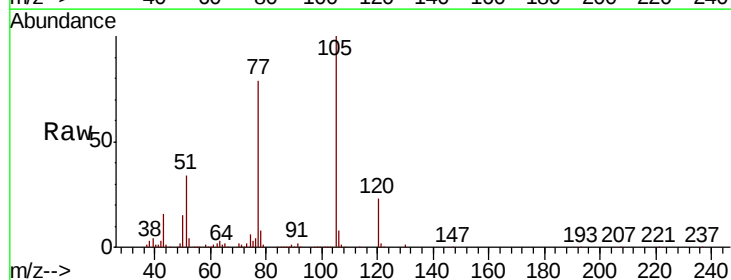
Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MS

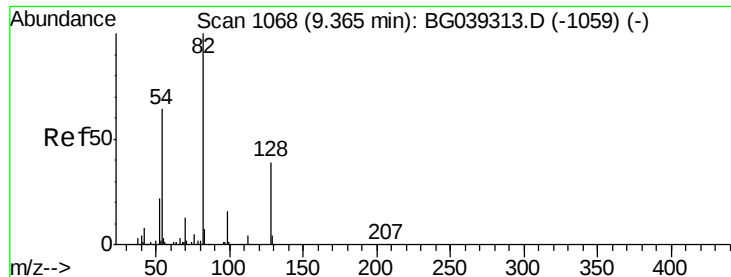
Tgt Ion:	136	Resp:	239637
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	11.6	9.4	14.2
68	6.0	4.2	6.4



#22
Acetophenone
Concen: 47.899 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Tgt Ion:	105	Resp:	308328
Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.8	1.2#
51	34.3	30.2	45.2
120	22.7	18.0	27.0

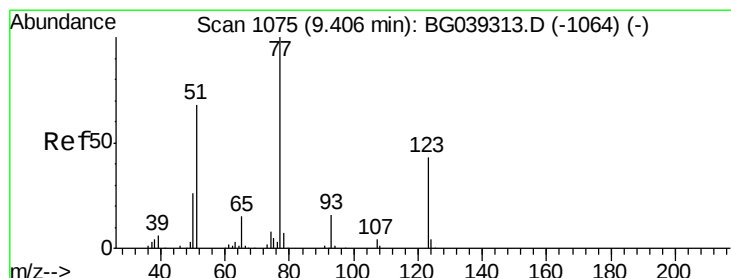
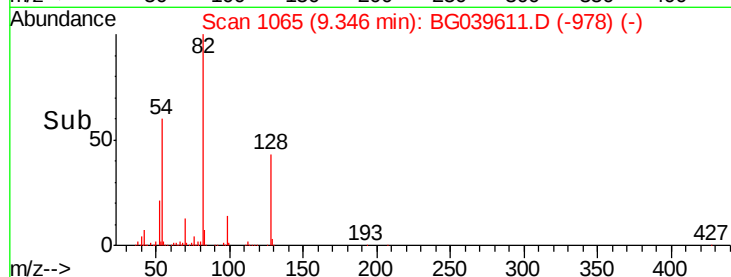
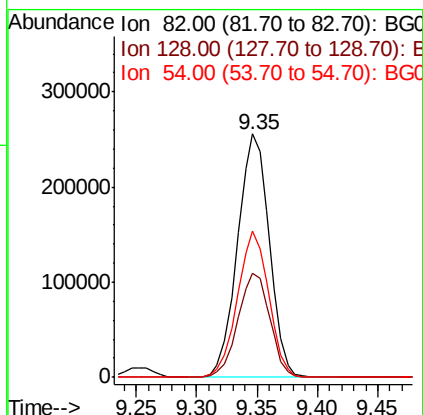
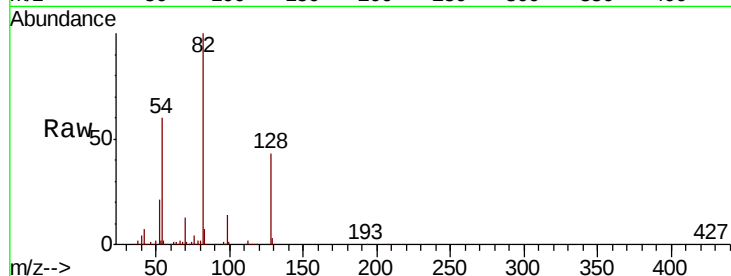




#23
 Nitrobenzene-d5
 Concen: 122.276 ng
 RT: 9.35 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG039611.D
 Acq: 26 Feb 2019 21:59

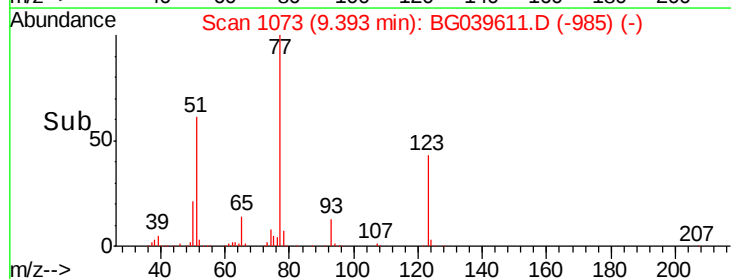
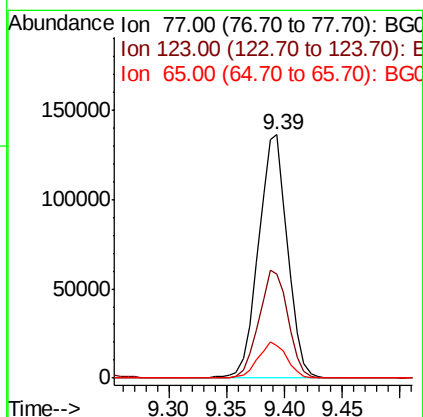
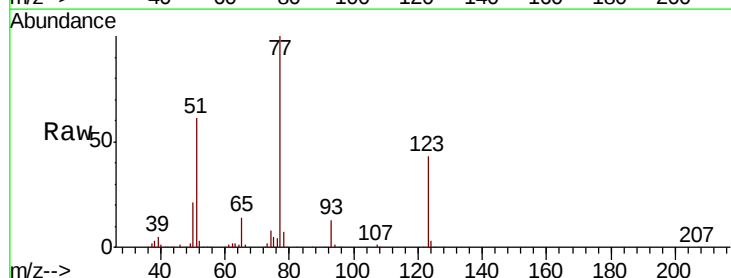
Instrument :
 BNA_G
 ClientSampleId :
 B-4B(14-15)MS

Tgt Ion: 82 Resp: 469043
 Ion Ratio Lower Upper
 82 100
 128 42.7 31.3 46.9
 54 60.3 50.9 76.3



#24
 Nitrobenzene
 Concen: 57.728 ng
 RT: 9.39 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BG039611.D
 Acq: 26 Feb 2019 21:59

Tgt Ion: 77 Resp: 239231
 Ion Ratio Lower Upper
 77 100
 123 43.0 34.1 51.1
 65 13.6 12.3 18.5





#25

Isophorone

Concen: 54.727 ng

RT: 9.90 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Instrument :

BNA_G

ClientSampleId :

B-4B(14-15)MS

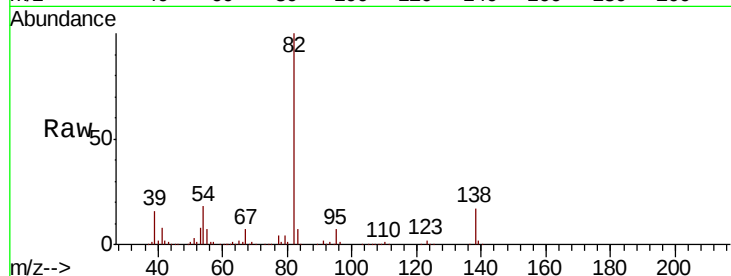
Tgt Ion: 82 Resp: 465203

Ion Ratio Lower Upper

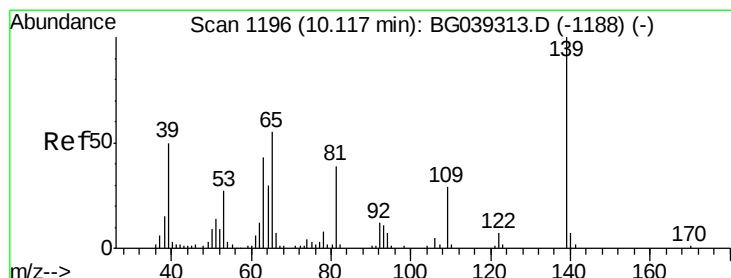
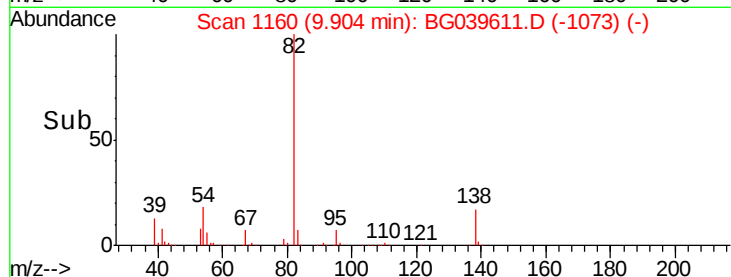
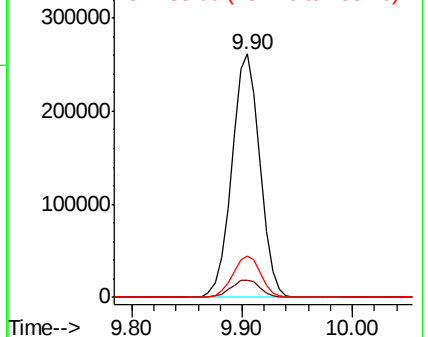
82 100

95 7.1 6.2 9.2

138 17.0 13.0 19.4



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



#26

2-Nitrophenol

Concen: 65.843 ng

RT: 10.10 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

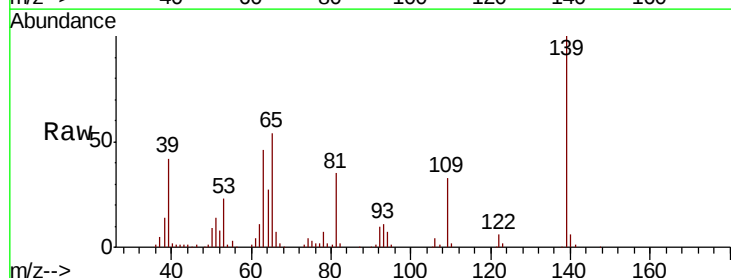
Tgt Ion: 139 Resp: 119739

Ion Ratio Lower Upper

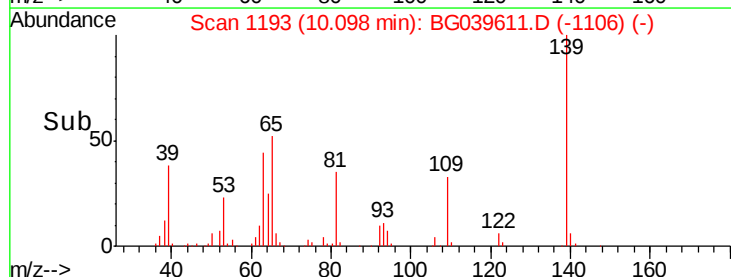
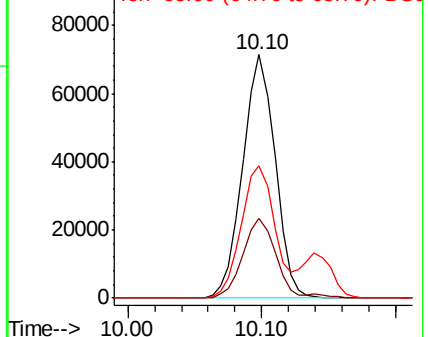
139 100

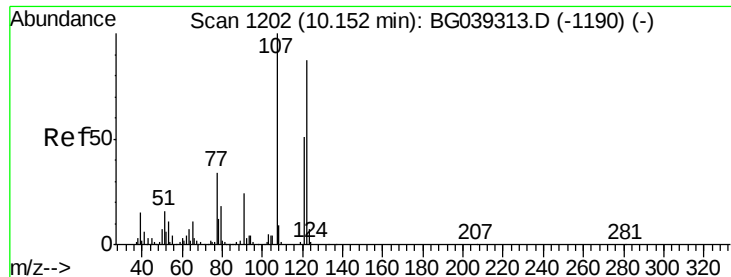
109 33.0 23.4 35.0

65 54.1 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

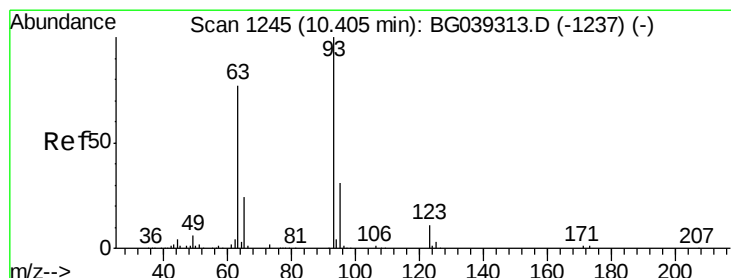
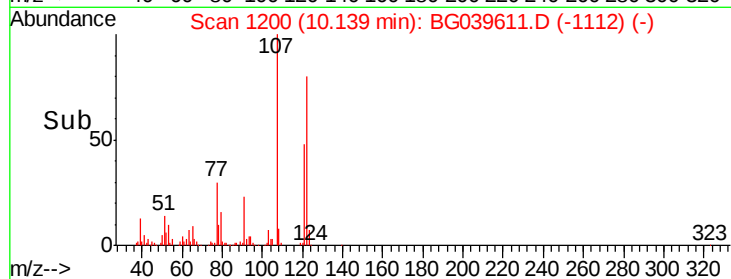
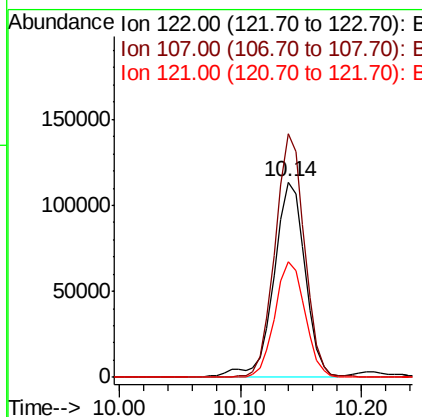
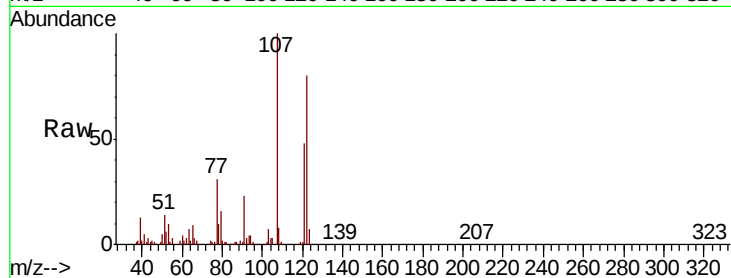




#27
2,4-Dimethylphenol
Concen: 58.900 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

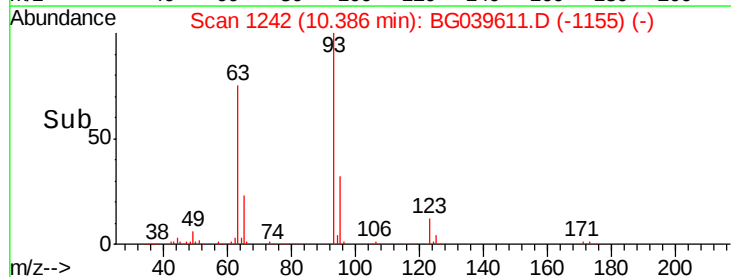
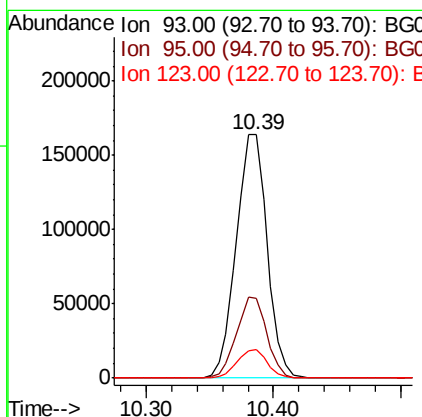
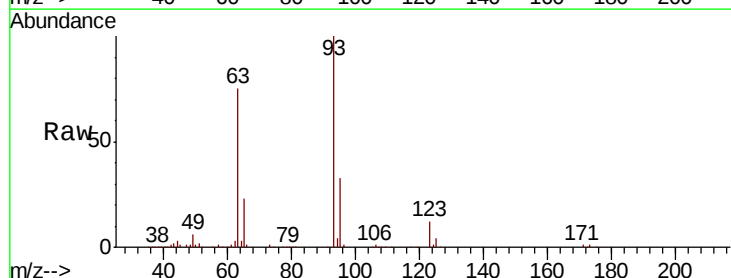
Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	124.7	91.7	137.5
121	59.4	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 52.886 ng
RT: 10.39 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.0	37.4
123	11.8	8.6	12.8

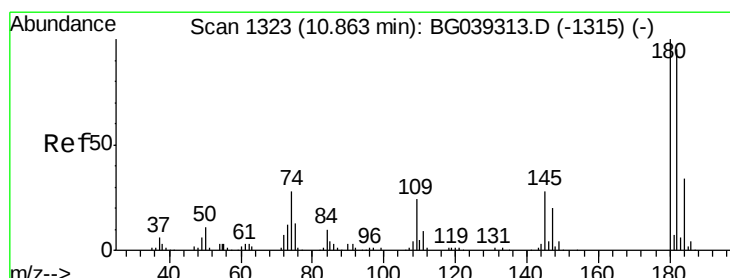
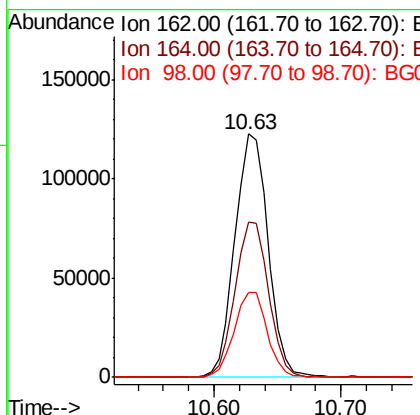
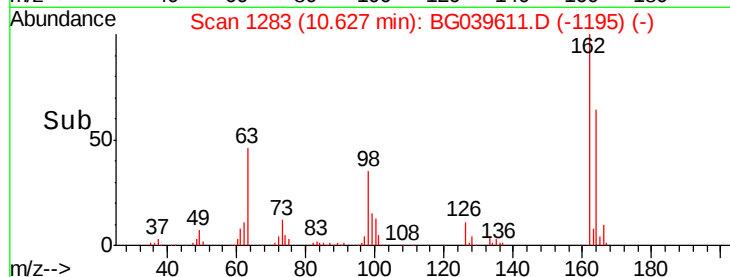
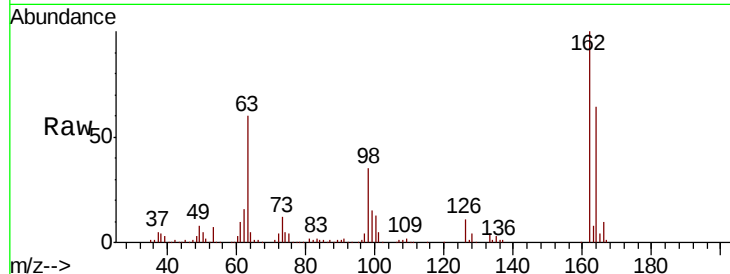




#29
 2,4-Dichlorophenol
 Concen: 59.254 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BG039611.D
 Acq: 26 Feb 2019 21:59

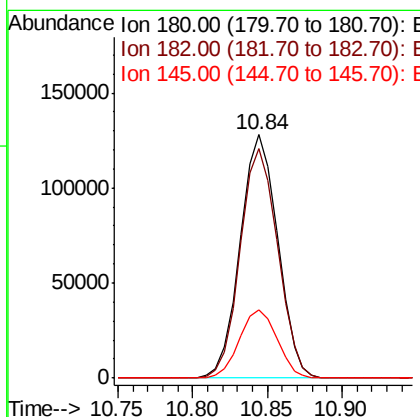
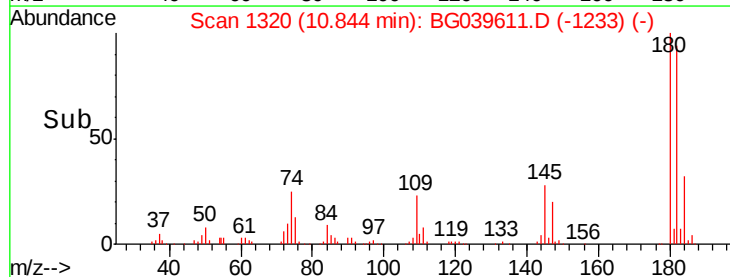
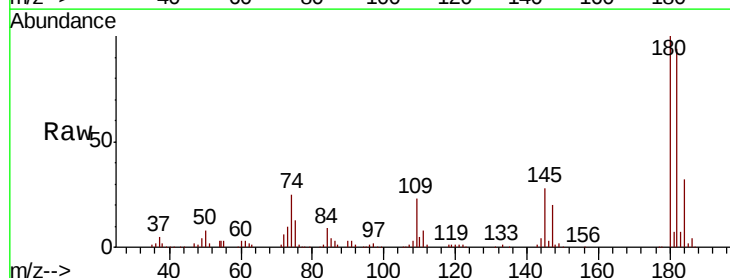
Instrument :
 BNA_G
 ClientSampleId :
 B-4B(14-15)MS

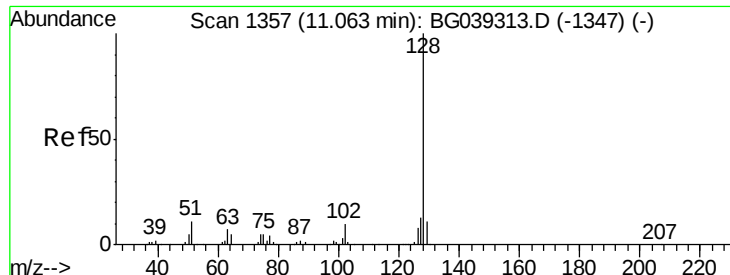
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.5	48.1	88.1
98	35.0	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 52.922 ng
 RT: 10.84 min Scan# 1320
 Delta R.T. -0.02 min
 Lab File: BG039611.D
 Acq: 26 Feb 2019 21:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.0	114.0
145	27.8	22.7	34.1

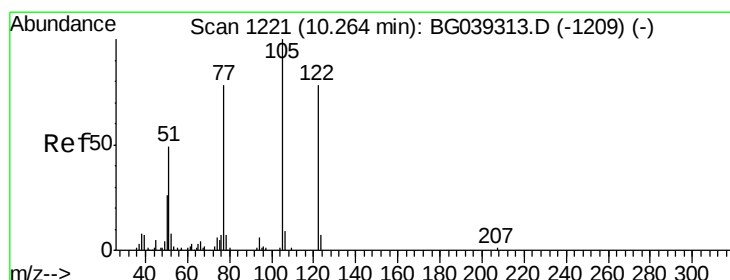
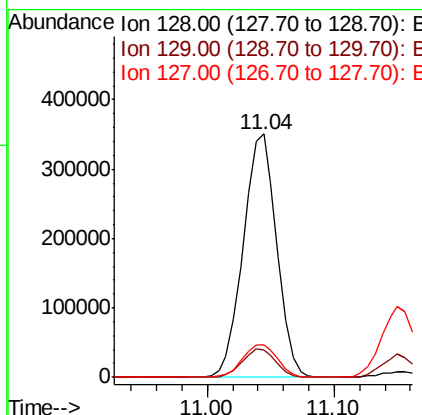
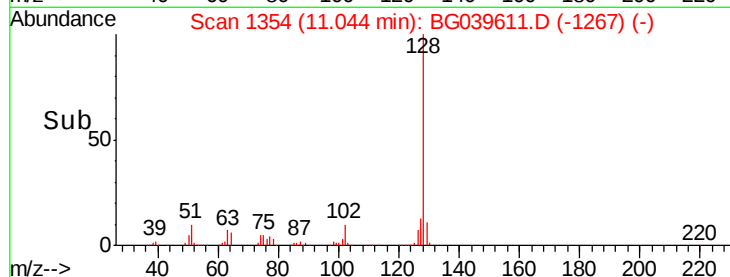
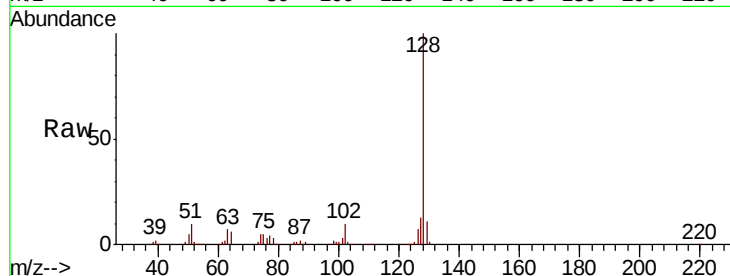




#31
Naphthalene
Concen: 53.756 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

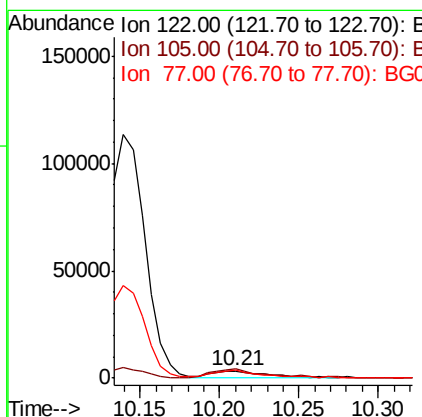
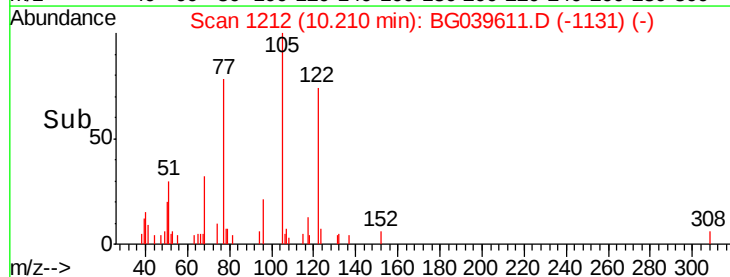
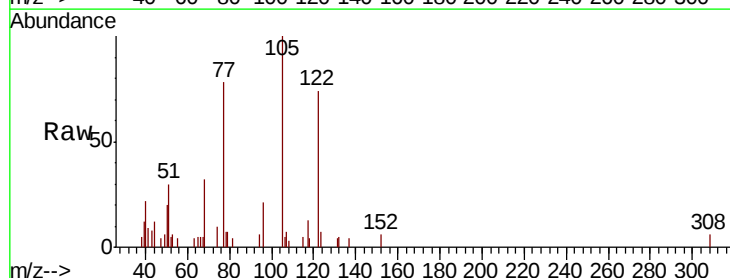
Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MS

Tgt Ion:128 Resp: 639066
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 11.551 ng
RT: 10.21 min Scan# 1212
Delta R.T. -0.05 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Tgt Ion:122 Resp: 7014
Ion Ratio Lower Upper
122 100
105 135.7 101.8 141.8
77 105.7 76.3 116.3

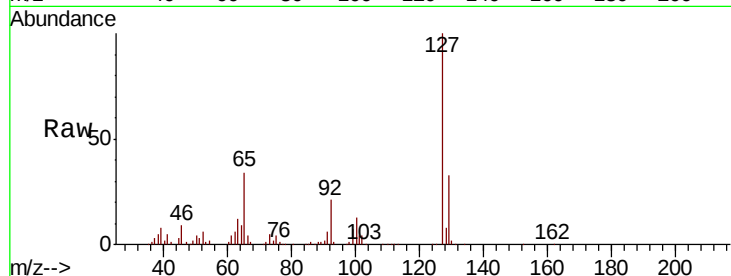




#33
4-Chloroaniline
Concen: 33.911 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MS

Tgt Ion:	127	Resp:	186926
Ion	Ratio	Lower	Upper
127	100		
129	32.9	27.0	40.4
65	33.7	28.8	43.2
92	21.3	16.6	25.0



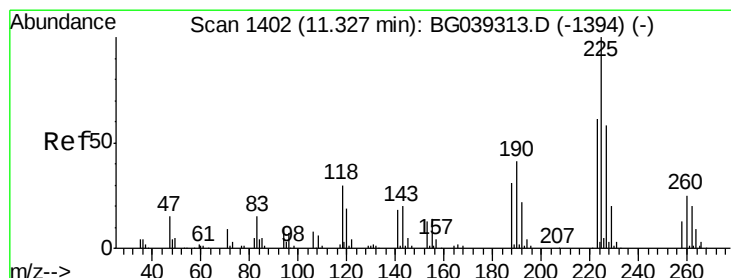
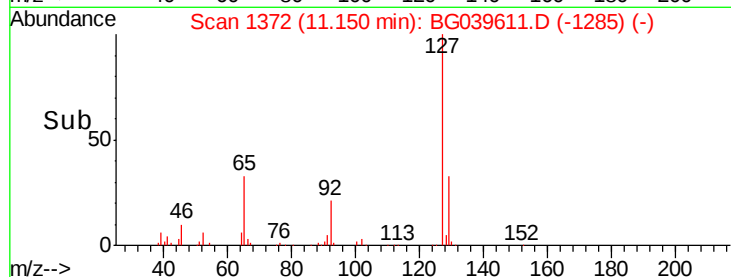
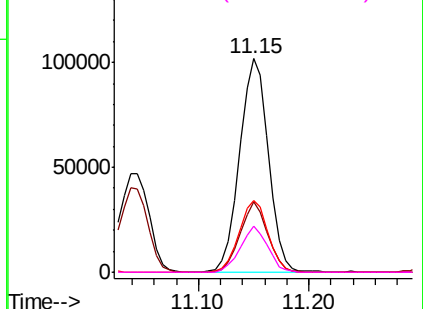
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

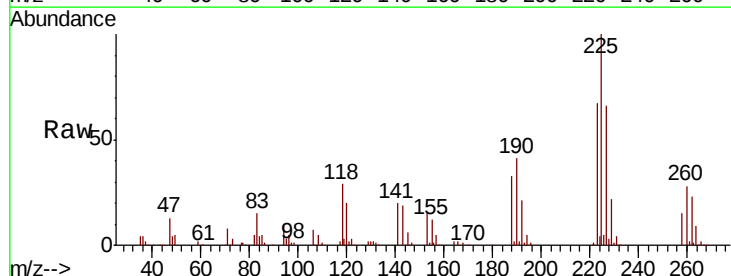
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 50.649 ng
RT: 11.30 min Scan# 1398
Delta R.T. -0.02 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Tgt Ion:	225	Resp:	142120
Ion	Ratio	Lower	Upper
225	100		
223	66.7	49.0	73.6
227	66.0	46.3	69.5

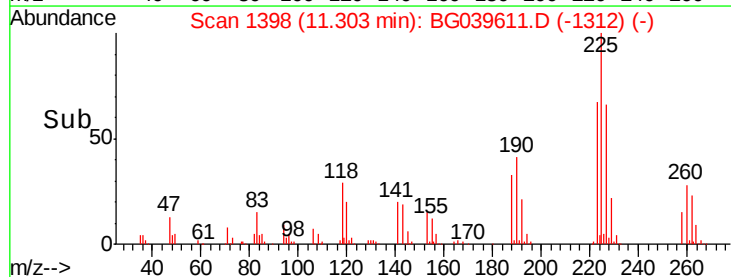
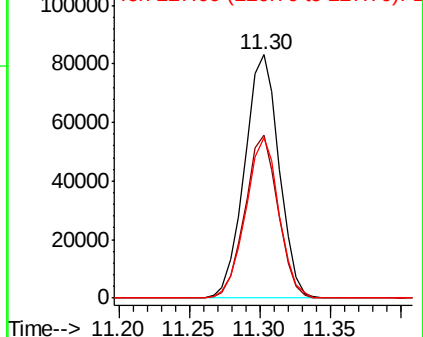


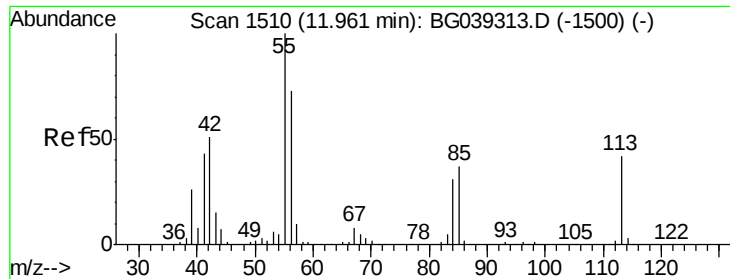
Abundance

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: 32.046 ng

RT: 11.94 min Scan# 1507

Delta R.T. -0.02 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Instrument :

BNA_G

ClientSampleId :

B-4B(14-15)MS

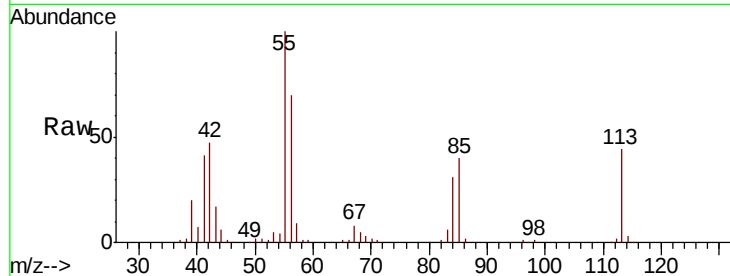
Tgt Ion:113 Resp: 49837

Ion Ratio Lower Upper

113 100

55 227.6 216.9 256.9

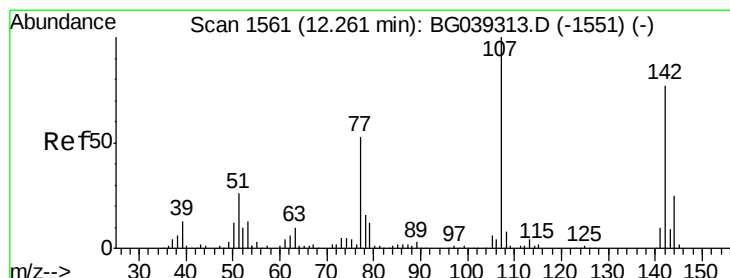
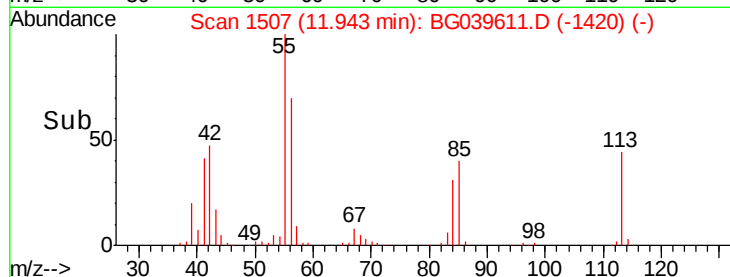
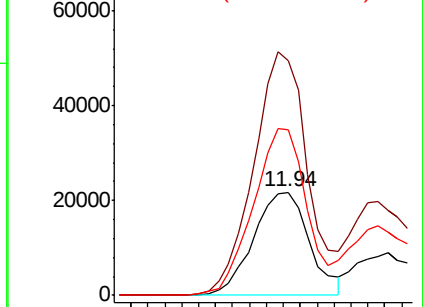
56 160.3 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 55.680 ng

RT: 12.25 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

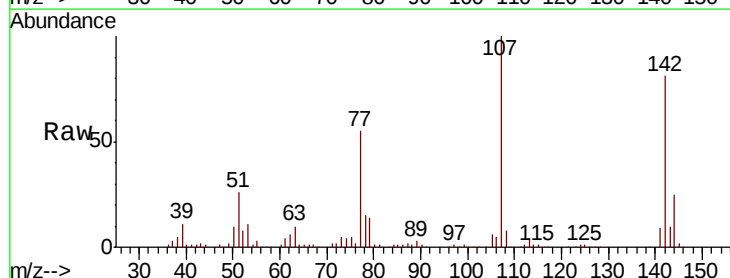
Tgt Ion:107 Resp: 242005

Ion Ratio Lower Upper

107 100

144 24.6 20.2 30.2

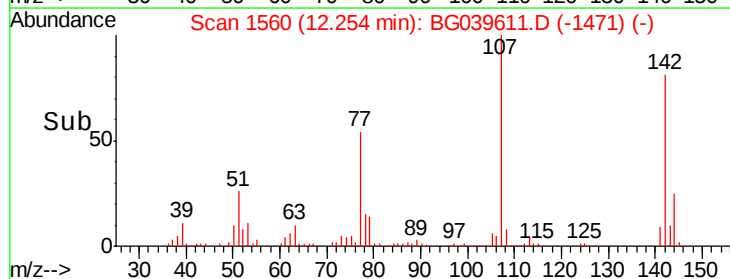
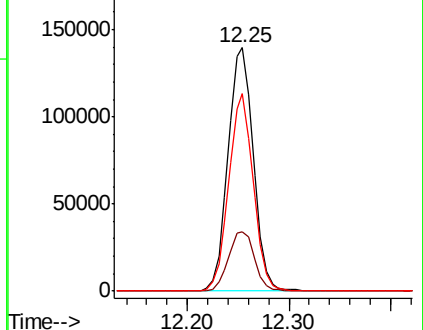
142 81.2 61.4 92.2

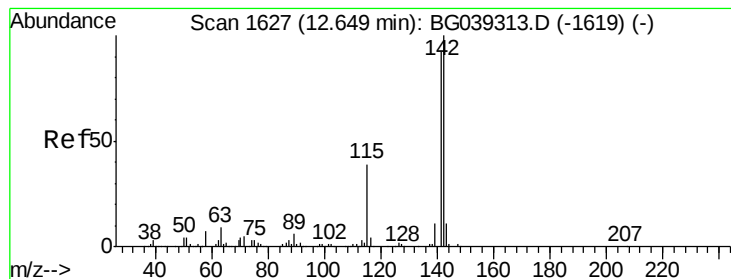


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 54.982 ng

RT: 12.63 min Scan# 1624

Delta R.T. -0.02 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Instrument :

BNA_G

ClientSampleId :

B-4B(14-15)MS

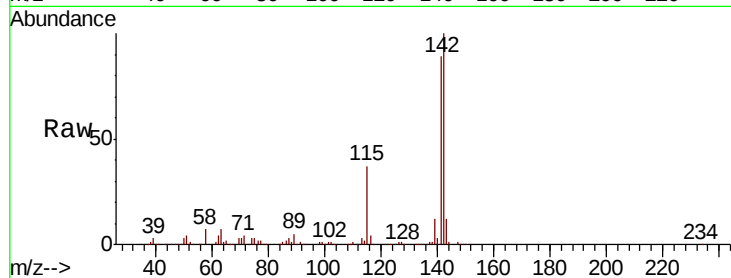
Tgt Ion:142 Resp: 484125

Ion Ratio Lower Upper

142 100

141 89.2 73.5 110.3

115 36.9 30.8 46.2

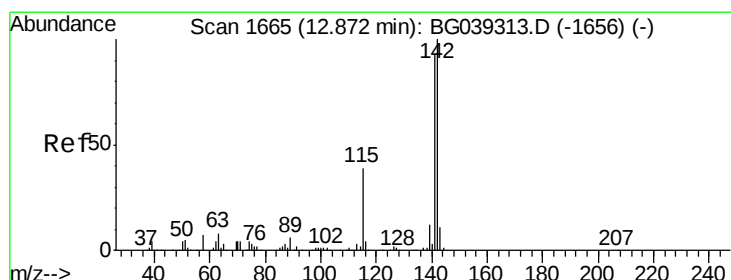
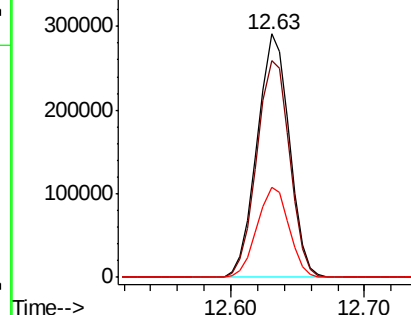
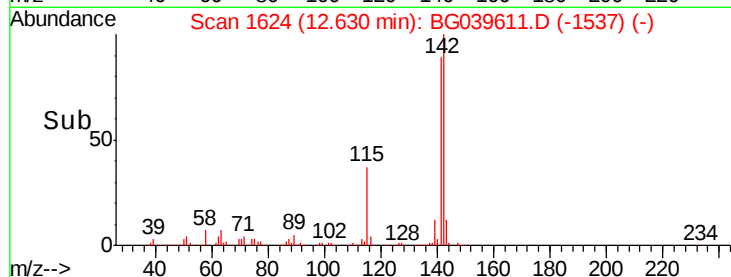


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 53.561 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.02 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

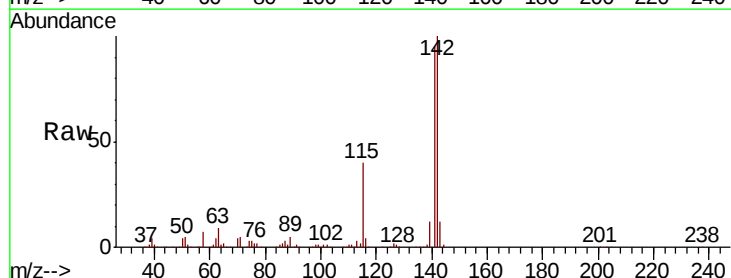
Tgt Ion:142 Resp: 454610

Ion Ratio Lower Upper

142 100

141 94.5 74.2 111.4

116 4.3 3.0 4.6

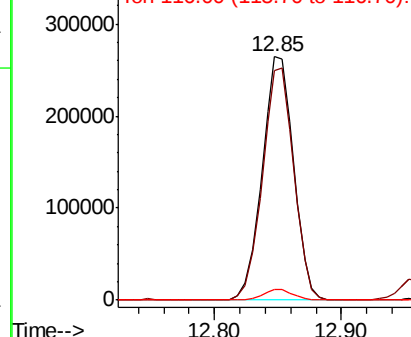
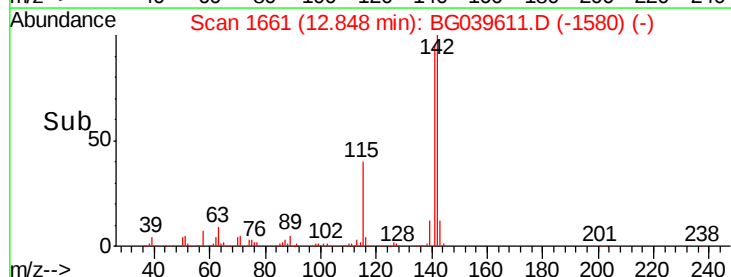


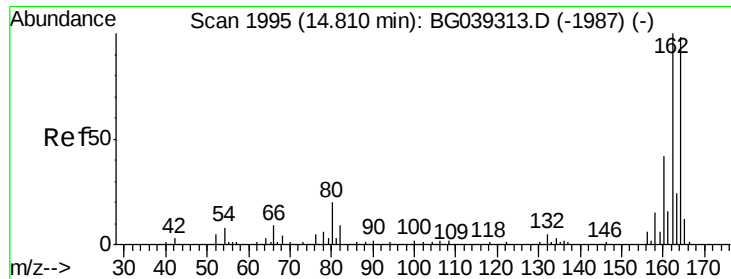
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Instrument :

BNA_G

ClientSampleId :

B-4B(14-15)MS

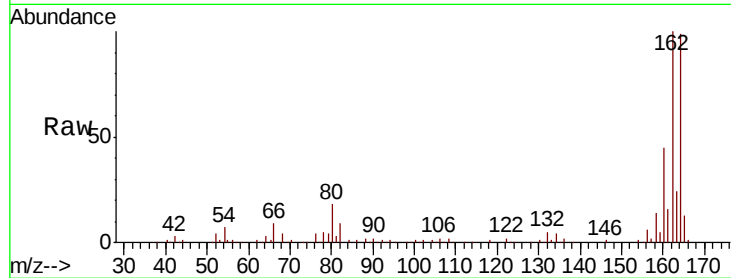
Tgt Ion:164 Resp: 162969

Ion Ratio Lower Upper

164 100

162 101.2 81.6 122.4

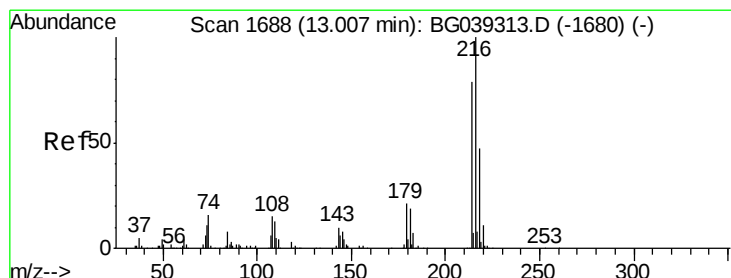
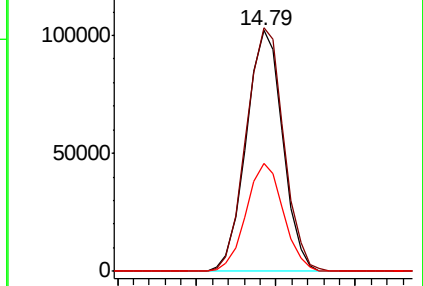
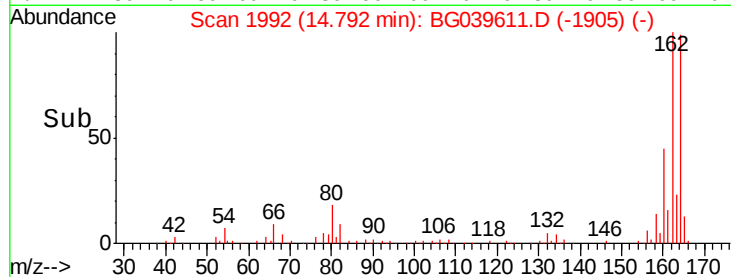
160 45.0 34.2 51.2



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: 51.772 ng

RT: 12.99 min Scan# 1685

Delta R.T. -0.02 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Tgt Ion:216 Resp: 268450

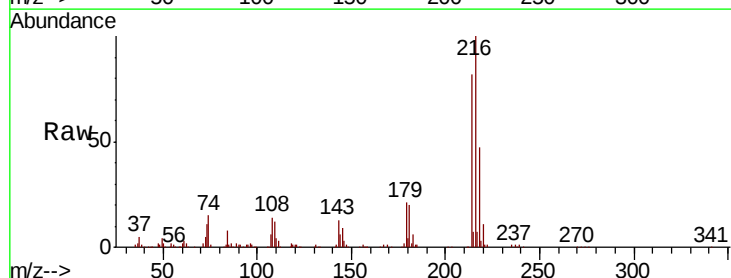
Ion Ratio Lower Upper

216 100

214 80.1 62.6 94.0

179 20.4 16.6 25.0

108 17.9 14.0 21.0

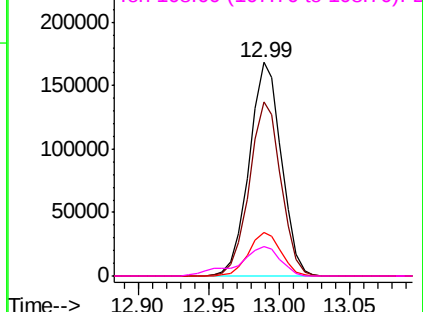
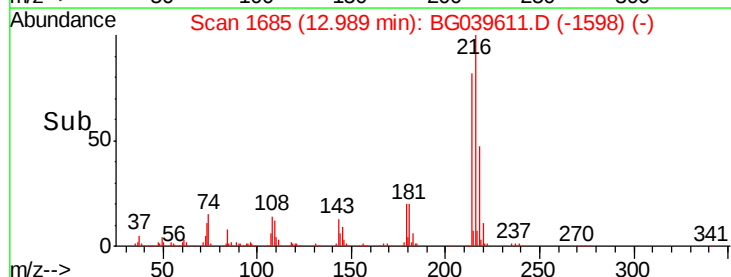


Abundance Ion 216.00 (215.70 to 216.70): E

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: 116.449 ng

RT: 12.96 min Scan# 1680

Delta R.T. -0.02 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Instrument :

BNA_G

ClientSampleId :

B-4B(14-15)MS

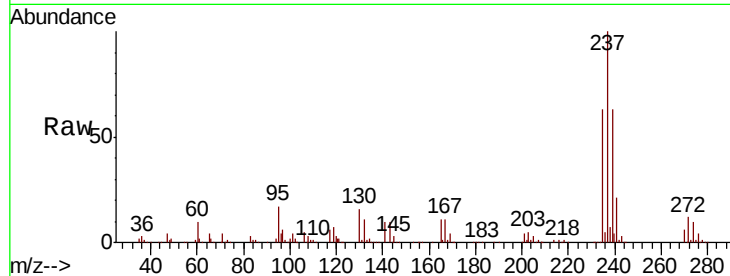
Tgt Ion:237 Resp: 329025

Ion Ratio Lower Upper

237 100

235 63.3 43.3 83.3

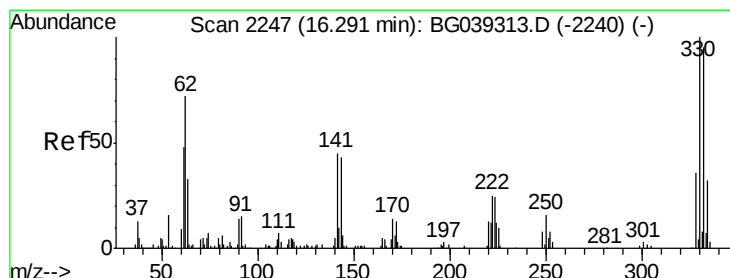
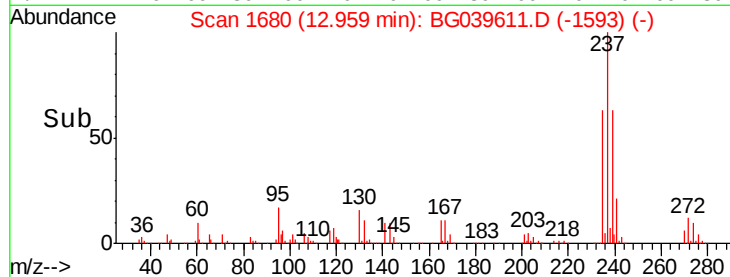
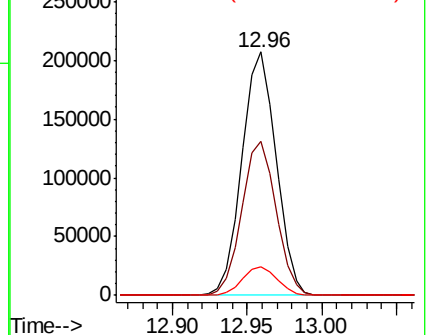
272 11.6 0.0 32.3



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: 182.663 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

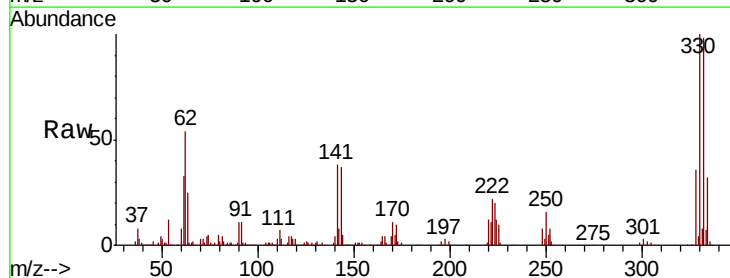
Tgt Ion:330 Resp: 320554

Ion Ratio Lower Upper

330 100

332 97.1 75.7 113.5

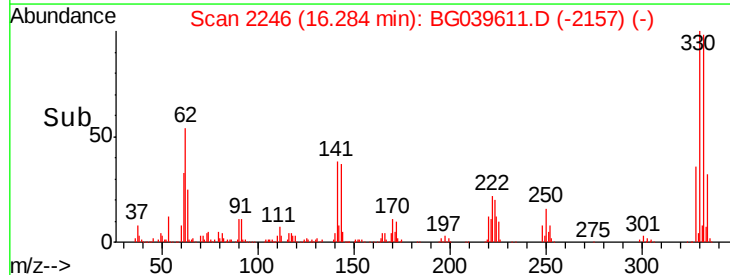
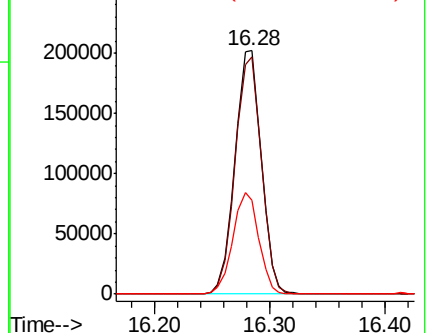
141 40.9 35.6 53.4

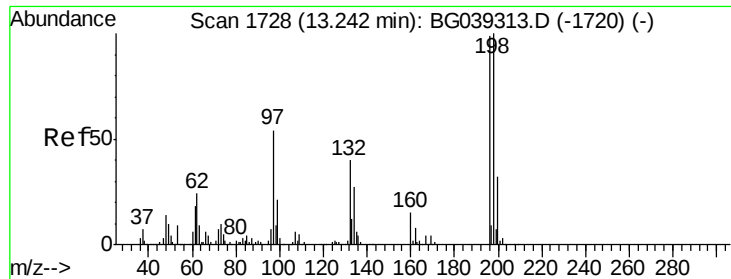


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

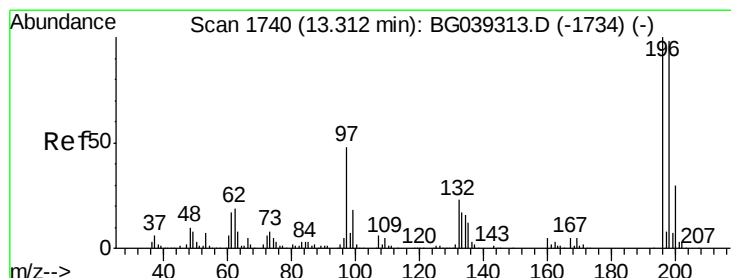
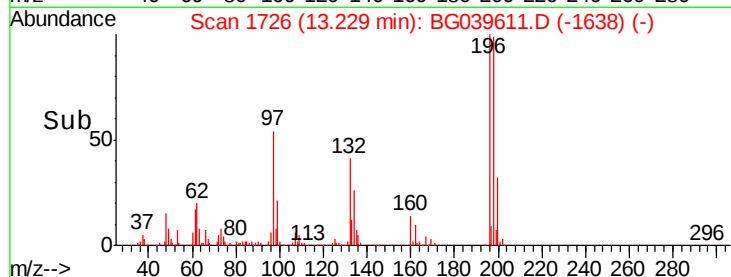
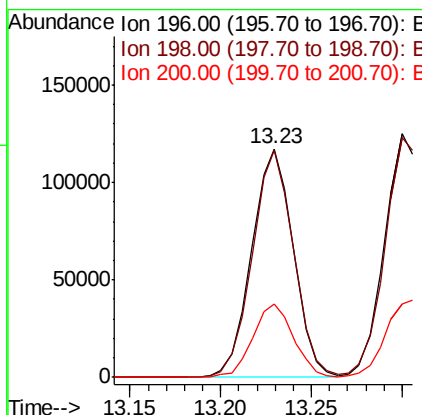
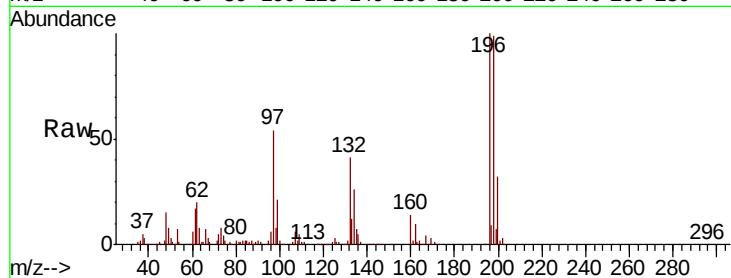




#43
 2,4,6-Trichlorophenol
 Concen: 58.672 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039611.D
 Acq: 26 Feb 2019 21:59

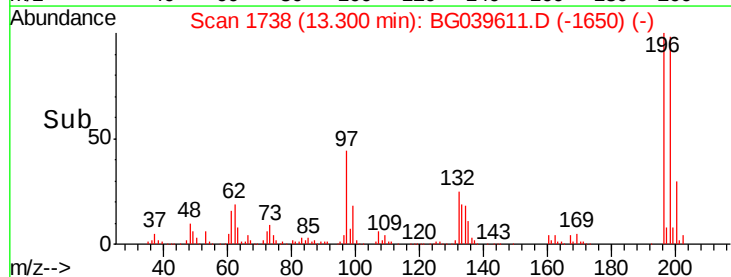
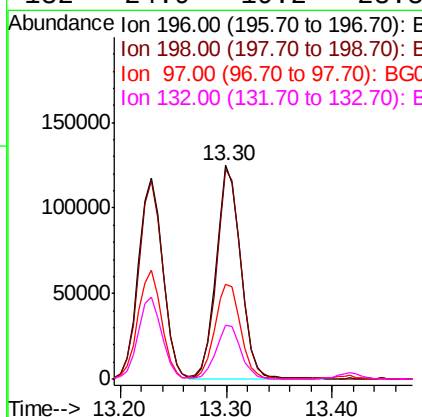
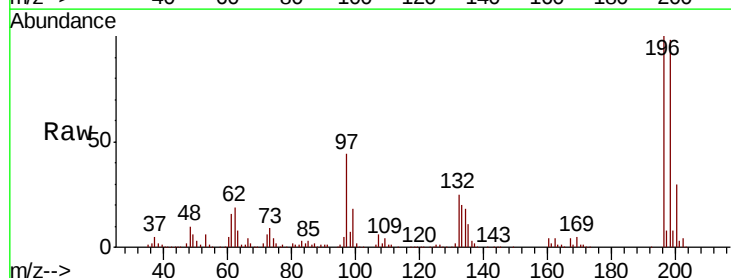
Instrument :
 BNA_G
 ClientSampleId :
 B-4B(14-15)MS

Tgt Ion:196 Resp: 187053
 Ion Ratio Lower Upper
 196 100
 198 99.0 80.6 121.0
 200 31.9 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 60.588 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG039611.D
 Acq: 26 Feb 2019 21:59

Tgt Ion:196 Resp: 202450
 Ion Ratio Lower Upper
 196 100
 198 98.3 78.5 117.7
 97 44.2 38.4 57.6
 132 24.9 19.2 28.8

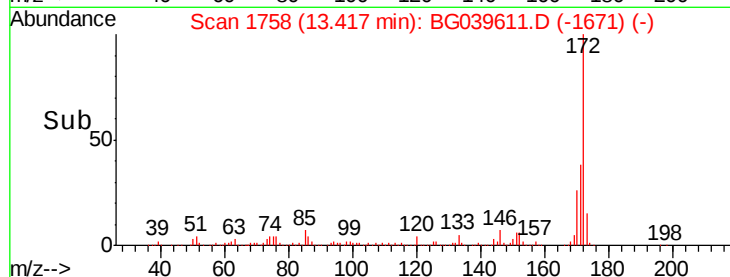
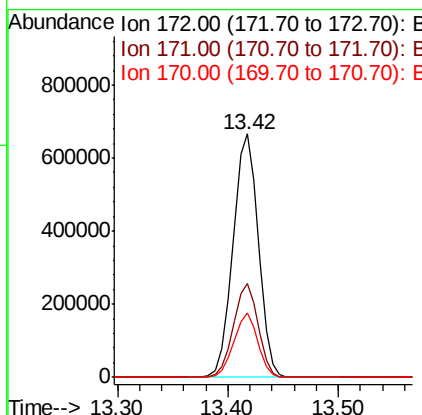
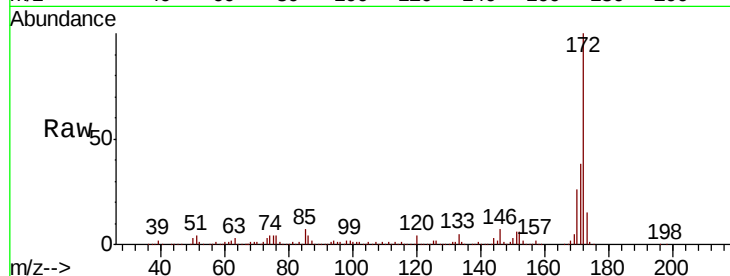




#45
 2-Fluorobiphenyl
 Concen: 94.124 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: BG039611.D
 Acq: 26 Feb 2019 21:59

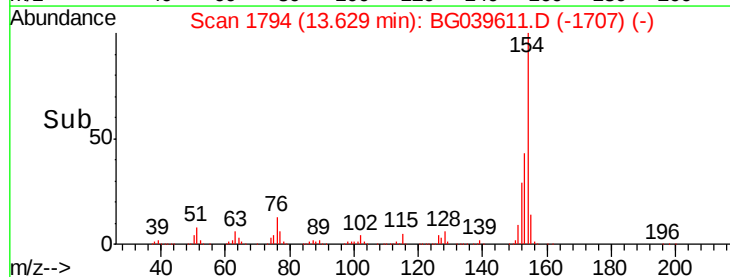
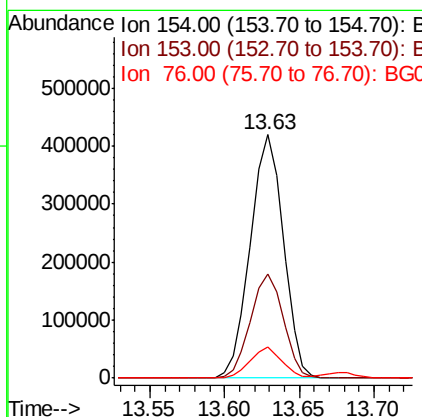
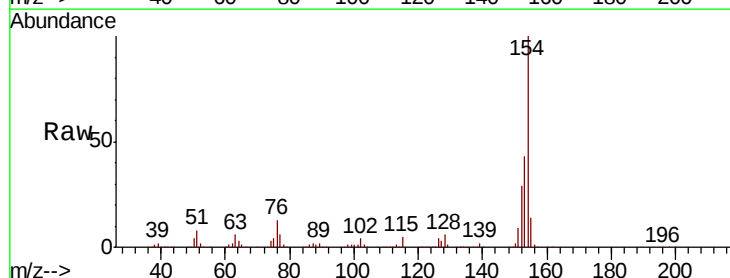
Instrument :
 BNA_G
 ClientSampleId :
 B-4B(14-15)MS

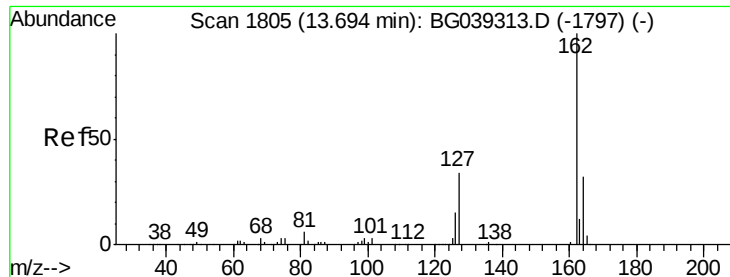
Tgt Ion:172 Resp: 1069279
 Ion Ratio Lower Upper
 172 100
 171 38.4 30.8 46.2
 170 26.4 20.2 30.4



#46
 1,1'-Biphenyl
 Concen: 47.412 ng
 RT: 13.63 min Scan# 1794
 Delta R.T. -0.02 min
 Lab File: BG039611.D
 Acq: 26 Feb 2019 21:59

Tgt Ion:154 Resp: 642880
 Ion Ratio Lower Upper
 154 100
 153 42.7 22.1 62.1
 76 12.6 0.0 32.4





#47

2-Chloronaphthalene

Concen: 48.924 ng

RT: 13.68 min Scan# 1802

Delta R.T. -0.02 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Instrument :

BNA_G

ClientSampleId :

B-4B(14-15)MS

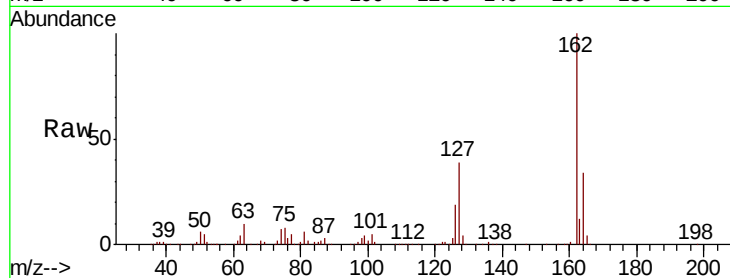
Tgt Ion: 162 Resp: 499045

Ion Ratio Lower Upper

162 100

127 39.0 31.0 46.6

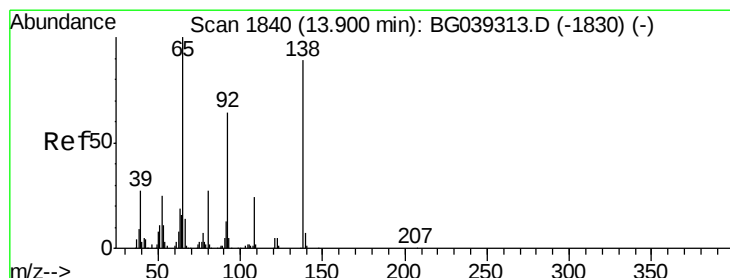
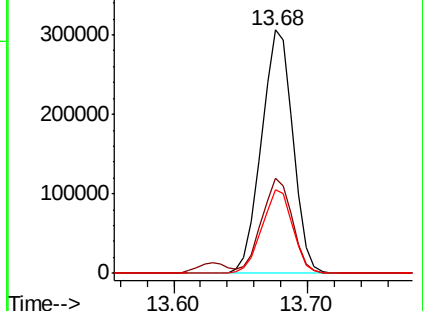
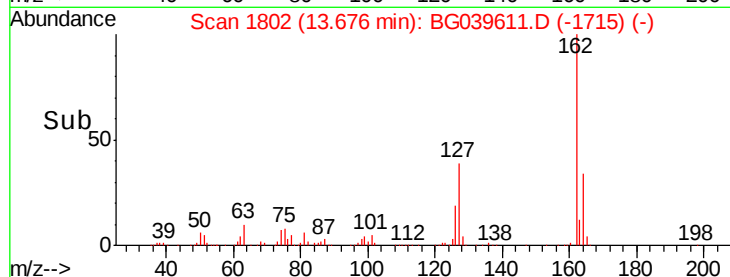
164 34.2 25.7 38.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 58.534 ng

RT: 13.89 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

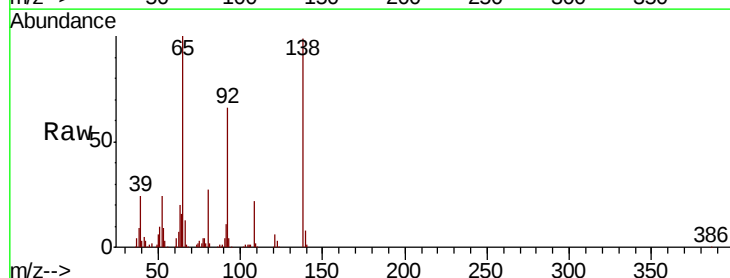
Tgt Ion: 65 Resp: 177966

Ion Ratio Lower Upper

65 100

92 65.7 51.4 77.2

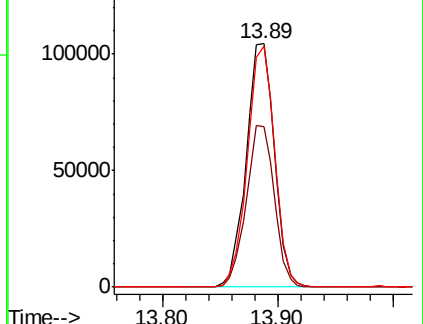
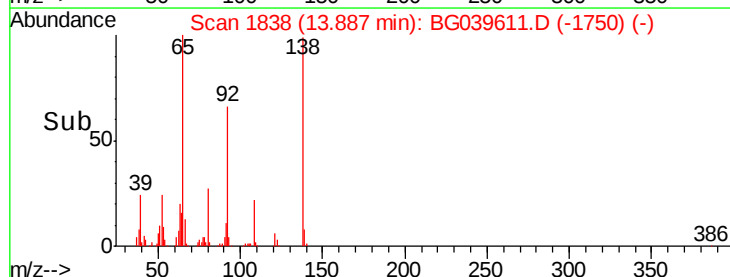
138 98.8 71.4 107.2



Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 52.537 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Instrument :

BNA_G

ClientSampleId :

B-4B(14-15)MS

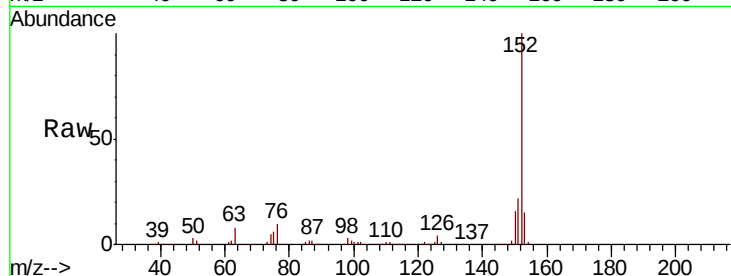
Tgt Ion:152 Resp: 808631

Ion Ratio Lower Upper

152 100

151 21.7 16.8 25.2

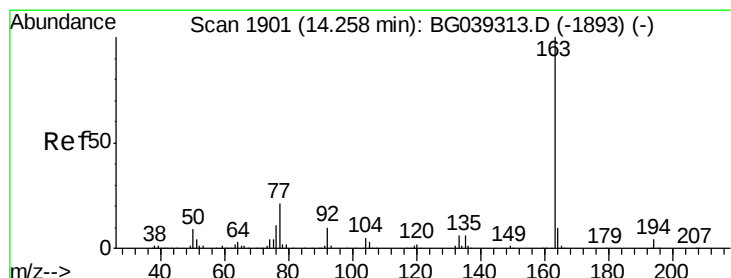
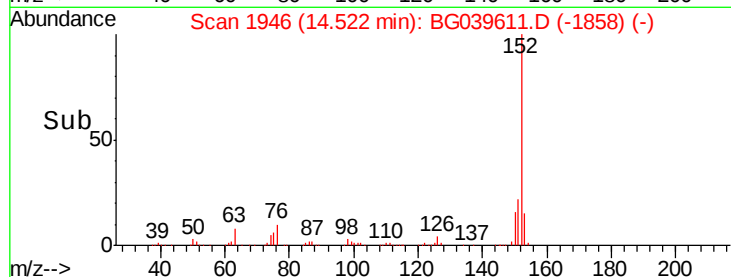
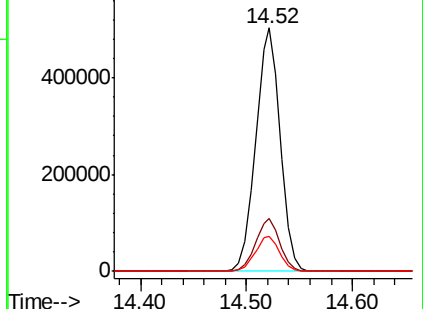
153 14.6 11.7 17.5



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: 55.368 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.02 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

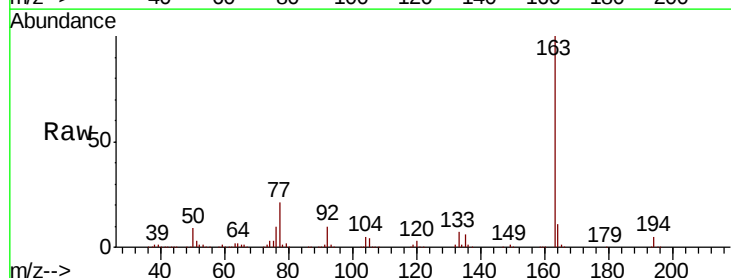
Tgt Ion:163 Resp: 728754

Ion Ratio Lower Upper

163 100

194 4.9 3.6 5.4

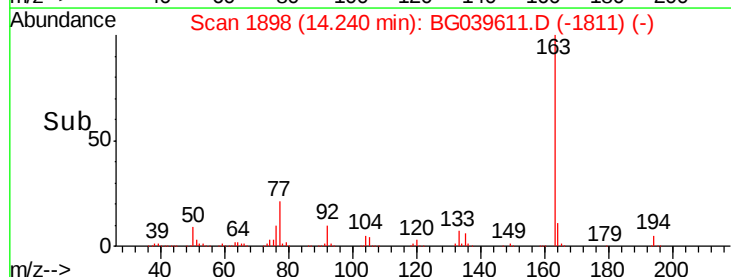
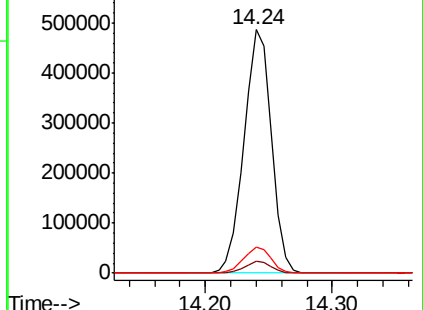
164 10.7 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

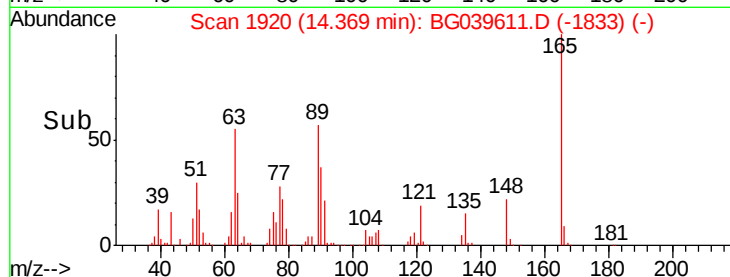
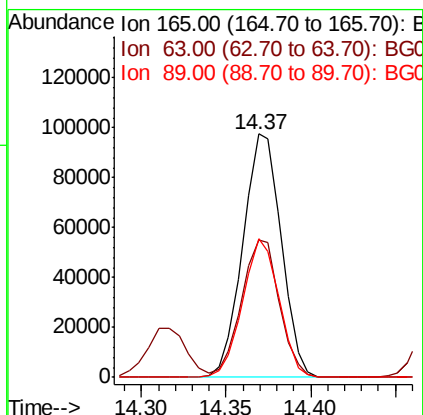
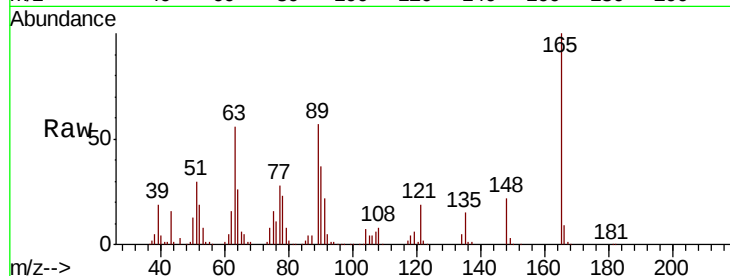




#51
 2,6-Dinitrotoluene
 Concen: 60.741 ng
 RT: 14.37 min Scan# 1920
 Delta R.T. -0.02 min
 Lab File: BG039611.D
 Acq: 26 Feb 2019 21:59

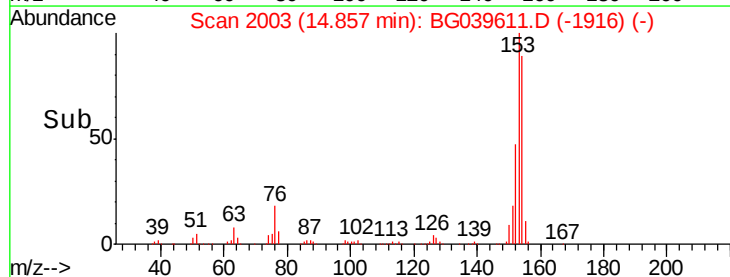
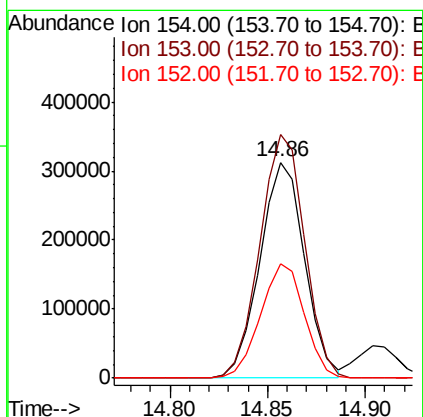
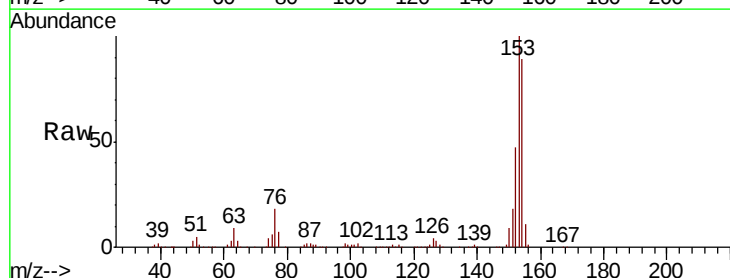
Instrument :
 BNA_G
 ClientSampleId :
 B-4B(14-15)MS

Tgt Ion:165 Resp: 154378
 Ion Ratio Lower Upper
 165 100
 63 56.4 47.0 70.6
 89 56.9 45.8 68.8



#52
 Acenaphthene
 Concen: 49.471 ng
 RT: 14.86 min Scan# 2003
 Delta R.T. -0.02 min
 Lab File: BG039611.D
 Acq: 26 Feb 2019 21:59

Tgt Ion:154 Resp: 494269
 Ion Ratio Lower Upper
 154 100
 153 112.7 90.1 135.1
 152 52.8 40.9 61.3

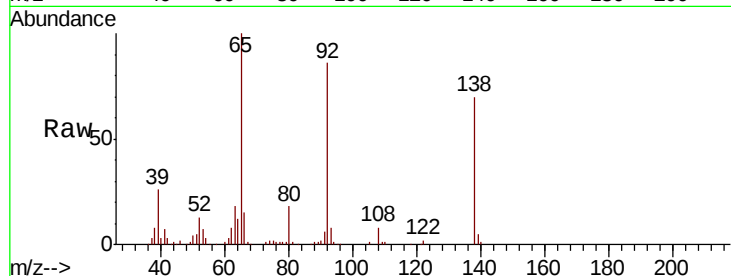




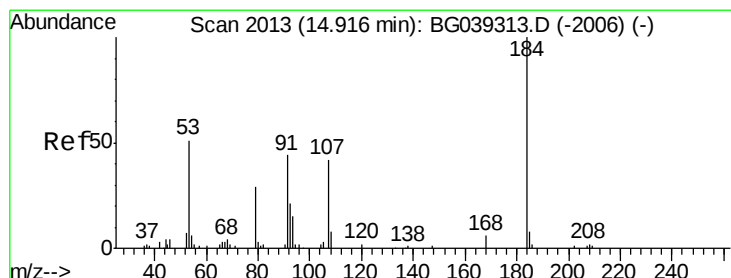
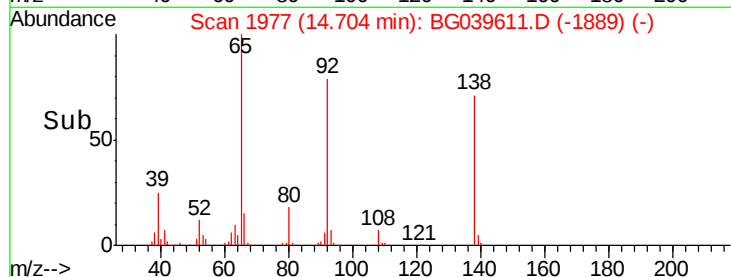
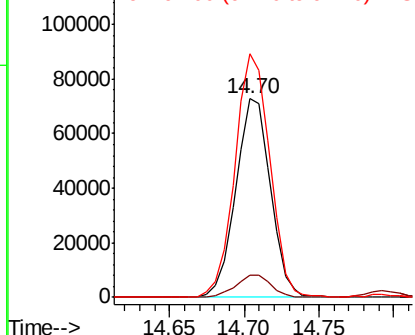
#53
 3-Nitroaniline
 Concen: 44.827 ng
 RT: 14.70 min Scan# 1977
 Delta R.T. -0.01 min
 Lab File: BG039611.D
 Acq: 26 Feb 2019 21:59

Instrument :
 BNA_G
 ClientSampleId :
 B-4B(14-15)MS

Tgt Ion:138 Resp: 117828
 Ion Ratio Lower Upper
 138 100
 108 11.3 13.8 20.8#
 92 122.7 103.7 155.5

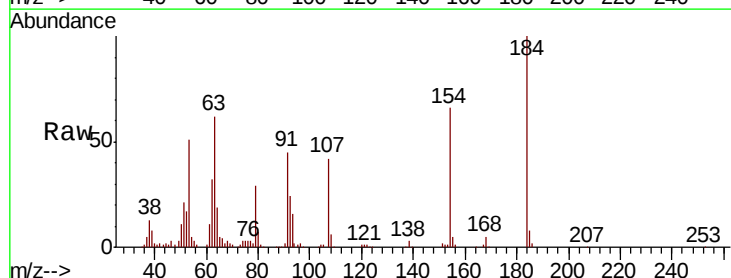


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC

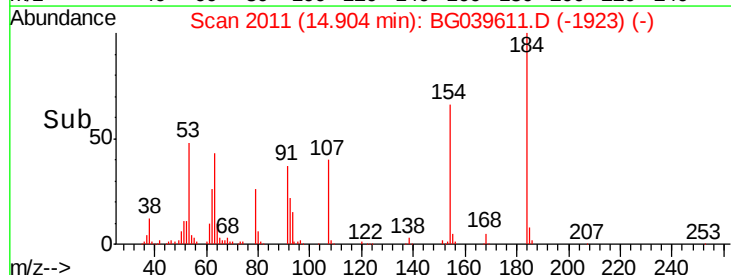
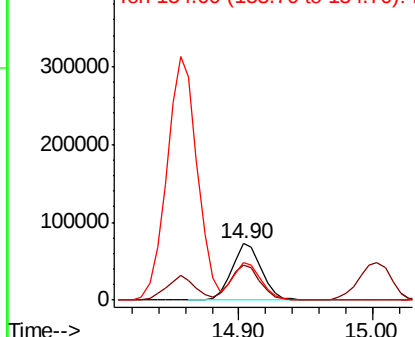


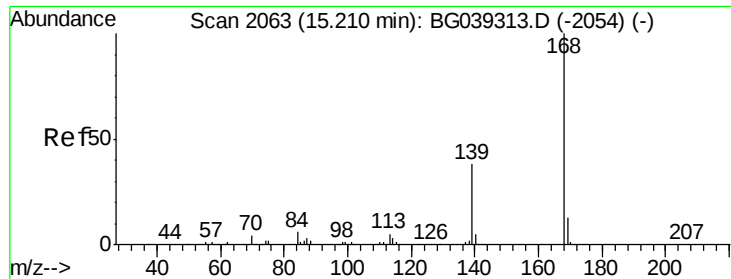
#54
 2,4-Dinitrophenol
 Concen: 94.878 ng
 RT: 14.90 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BG039611.D
 Acq: 26 Feb 2019 21:59

Tgt Ion:184 Resp: 112640
 Ion Ratio Lower Upper
 184 100
 63 62.4 50.9 76.3
 154 65.9 53.0 79.6



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

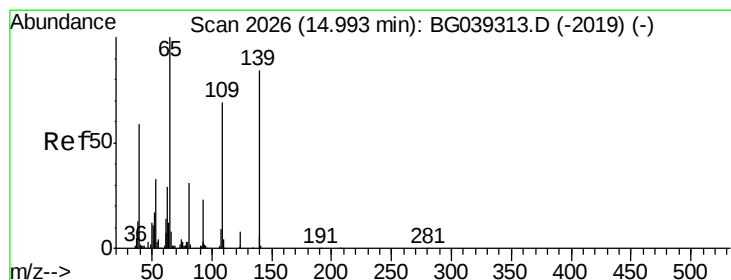
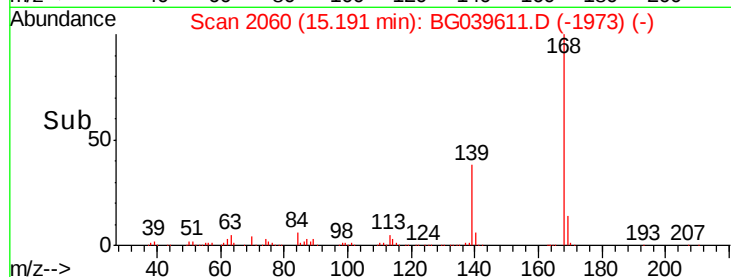
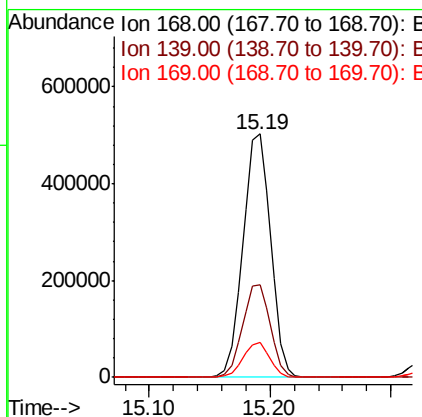
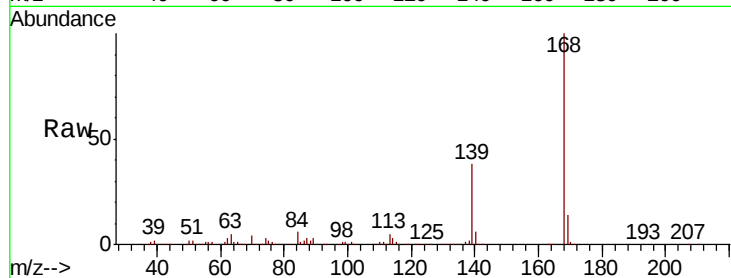




#55
Dibenzofuran
Concen: 50.174 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.02 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

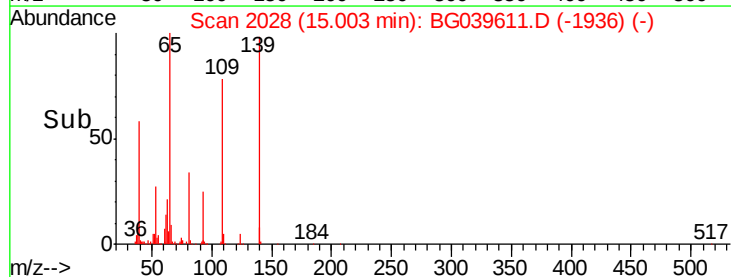
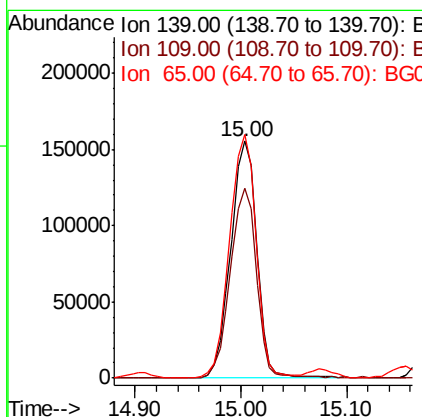
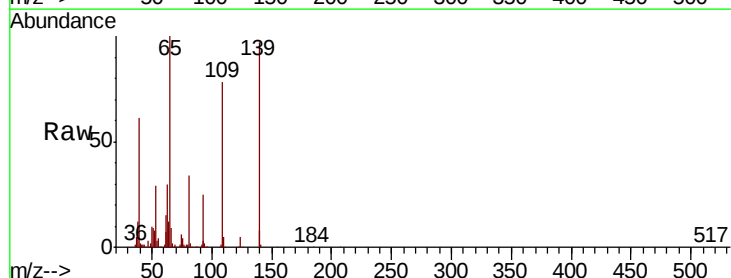
Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MS

Tgt Ion:168 Resp: 803730
Ion Ratio Lower Upper
168 100
139 38.0 30.1 45.1
169 14.3 10.6 16.0



#56
4-Nitrophenol
Concen: 109.314 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Tgt Ion:139 Resp: 265594
Ion Ratio Lower Upper
139 100
109 79.9 61.9 101.9
65 102.7 99.1 139.1

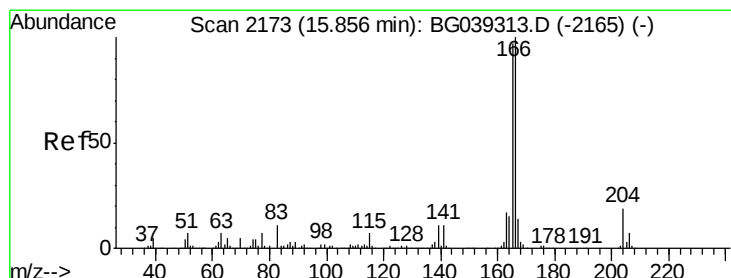
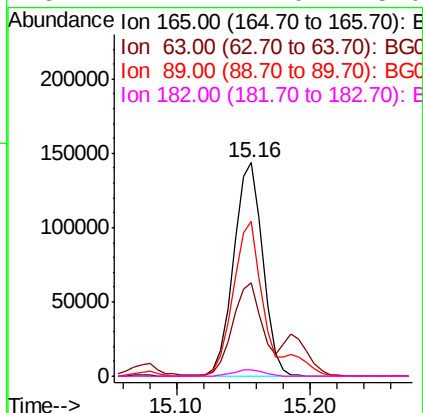
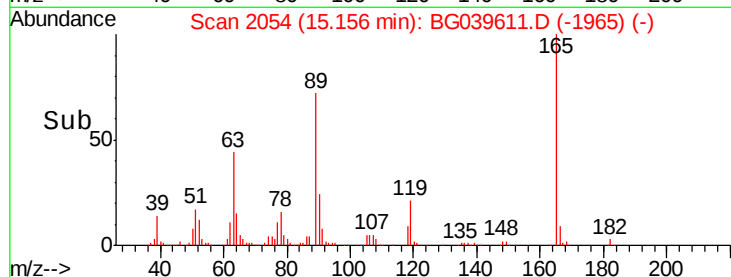
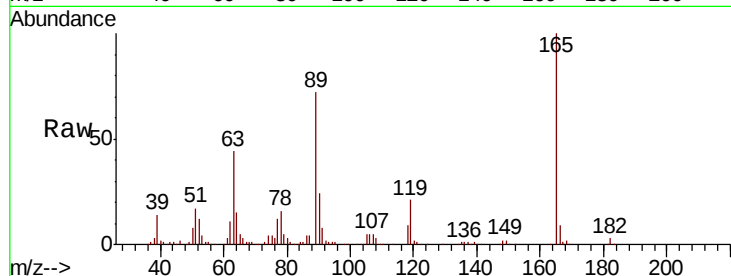




#57
2,4-Dinitrotoluene
Concen: 65.587 ng
RT: 15.16 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

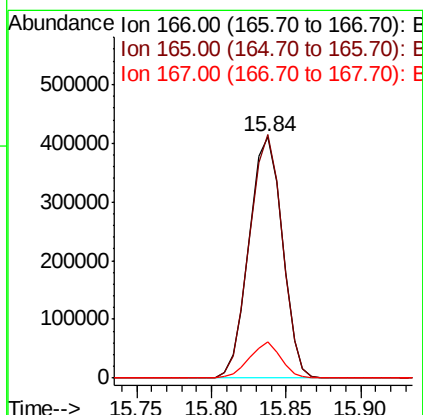
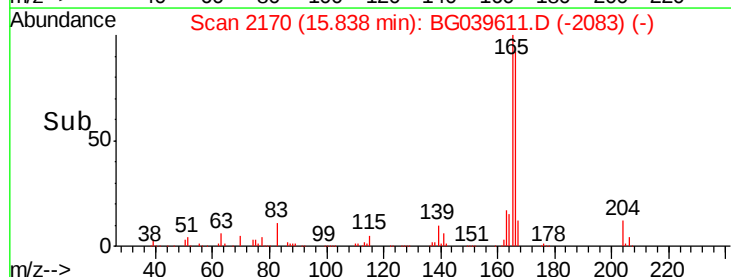
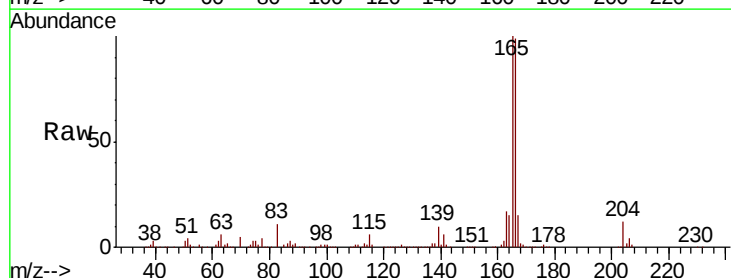
Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MS

Tgt Ion:	165	Resp:	217460
Ion	Ratio	Lower	Upper
165	100		
63	43.6	41.0	61.6
89	72.4	64.6	96.8
182	2.7	2.0	3.0



#58
Fluorene
Concen: 53.042 ng
RT: 15.84 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Tgt Ion:	166	Resp:	633403
Ion	Ratio	Lower	Upper
166	100		
165	101.0	77.9	116.9
167	14.8	10.8	16.2

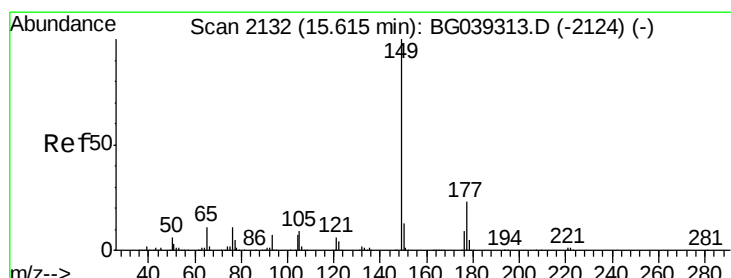
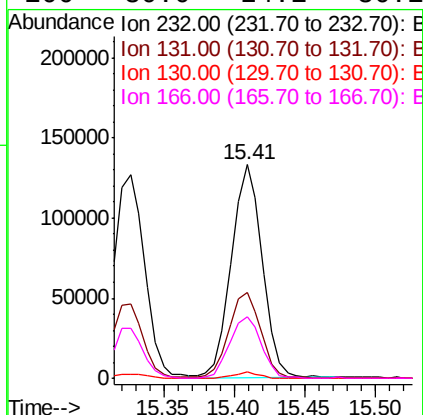
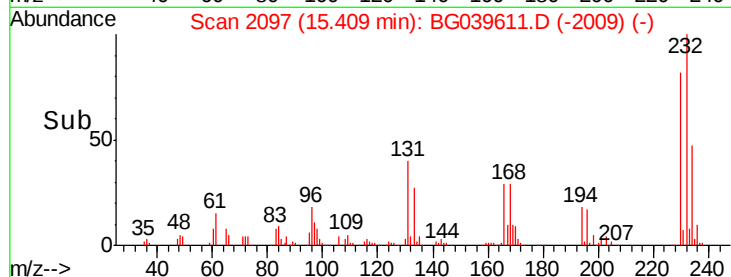
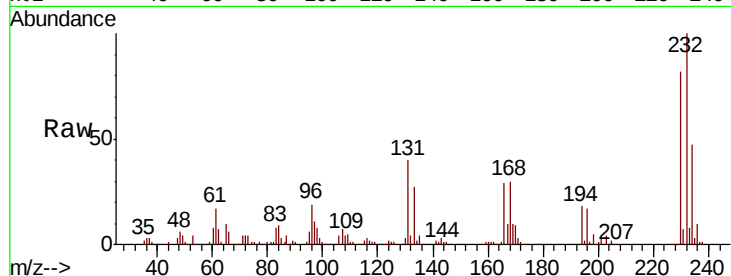




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 64.709 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG039611.D
 Acq: 26 Feb 2019 21:59

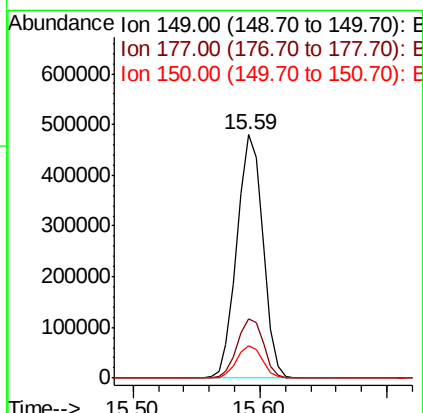
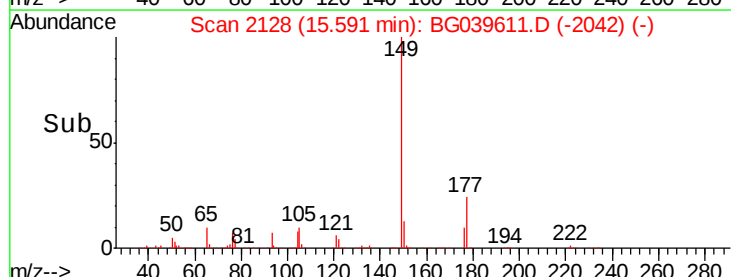
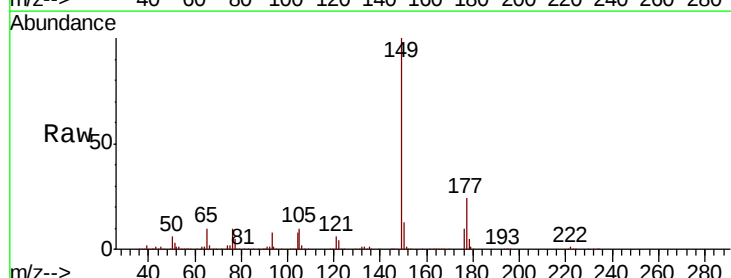
Instrument :
 BNA_G
 ClientSampleId :
 B-4B(14-15)MS

Tgt Ion:	232	Resp:	202449
Ion	Ratio	Lower	Upper
232	100		
131	41.7	34.9	52.3
130	2.4	2.0	3.0
166	30.0	24.1	36.1



#60
 Diethylphthalate
 Concen: 49.825 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.02 min
 Lab File: BG039611.D
 Acq: 26 Feb 2019 21:59

Tgt Ion:	149	Resp:	678043
Ion	Ratio	Lower	Upper
149	100		
177	24.4	18.3	27.5
150	13.3	10.2	15.2

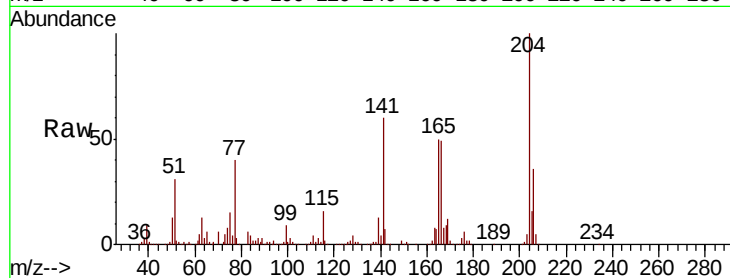




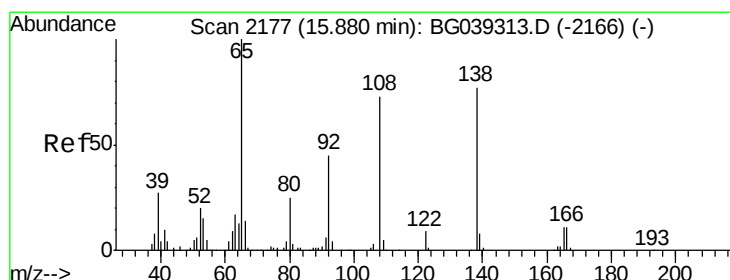
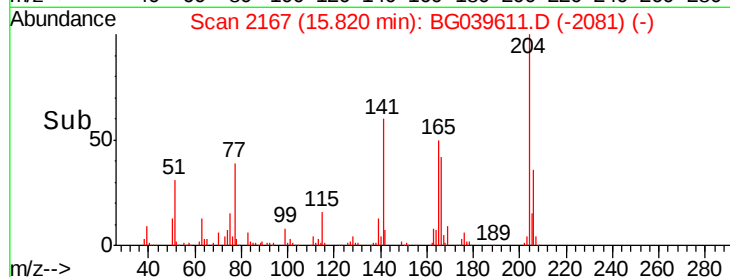
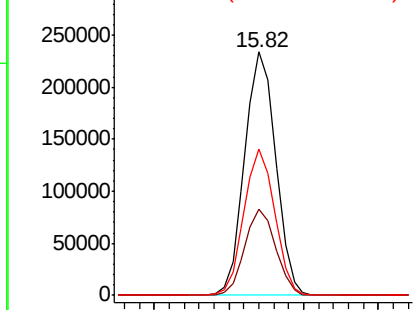
#61
 4-Chlorophenyl-phenylether
 Concen: 49.764 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.02 min
 Lab File: BG039611.D
 Acq: 26 Feb 2019 21:59

Instrument :
 BNA_G
 ClientSampleId :
 B-4B(14-15)MS

Tgt Ion:204 Resp: 336484
 Ion Ratio Lower Upper
 204 100
 206 35.6 29.2 43.8
 141 60.2 49.0 73.4

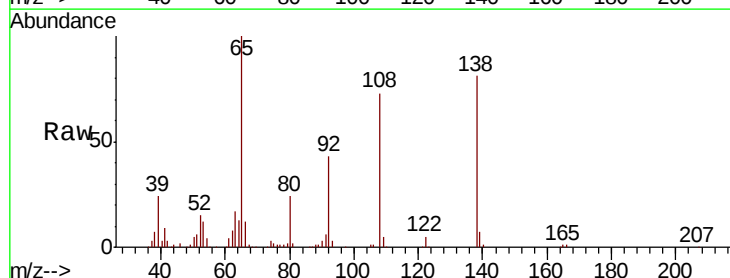


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

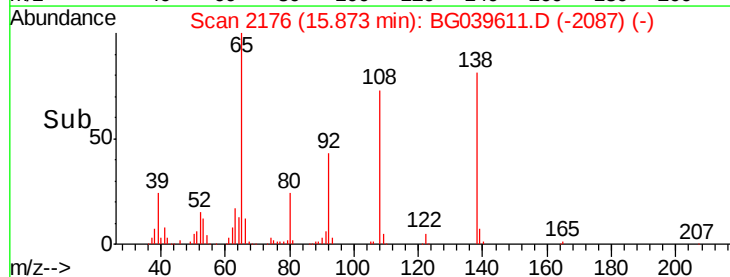
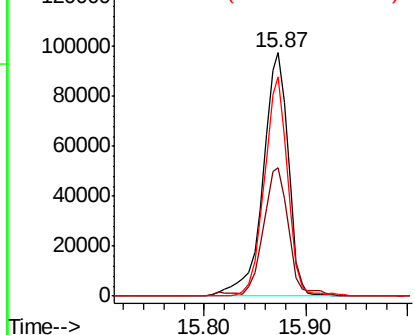


#62
 4-Nitroaniline
 Concen: 59.940 ng
 RT: 15.87 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: BG039611.D
 Acq: 26 Feb 2019 21:59

Tgt Ion:138 Resp: 168600
 Ion Ratio Lower Upper
 138 100
 92 52.7 38.7 78.7
 108 90.3 74.6 114.6



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

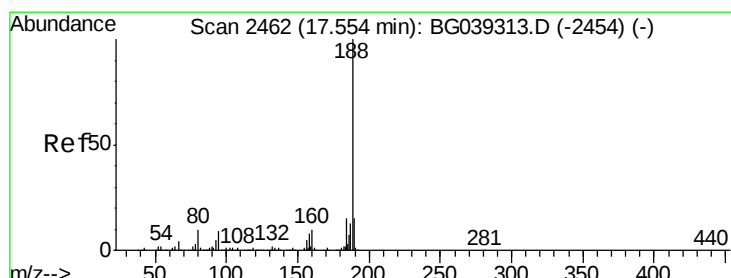
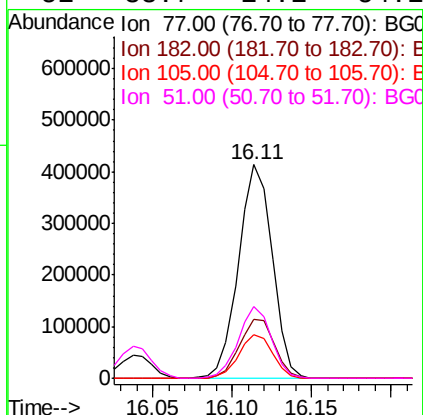
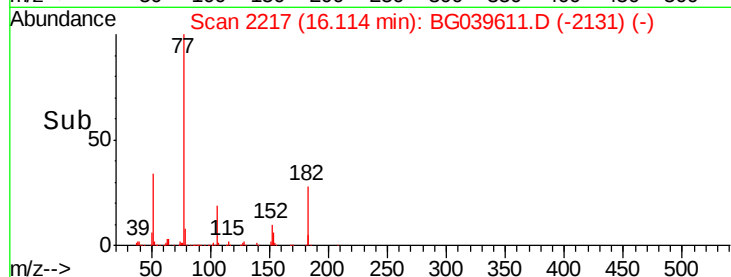
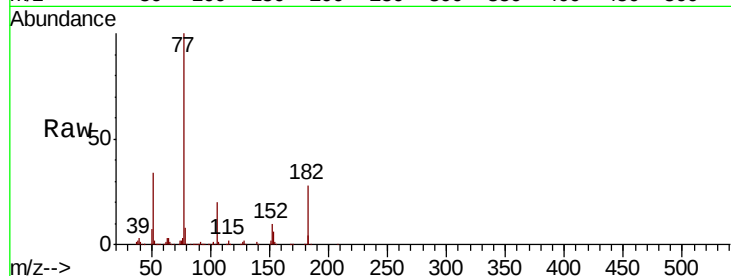




#63
Azobenzene
Concen: 45.829 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.02 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

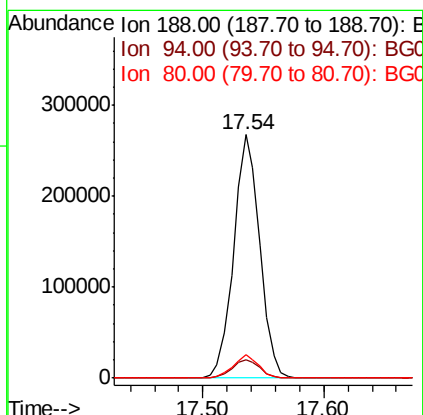
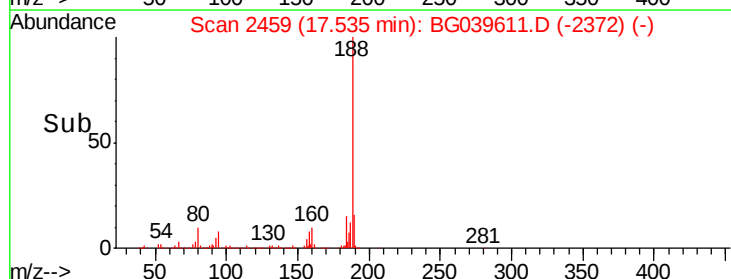
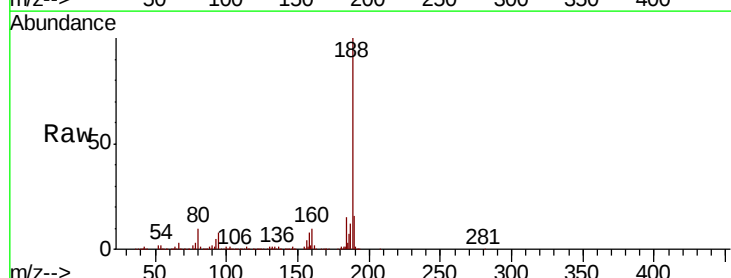
Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MS

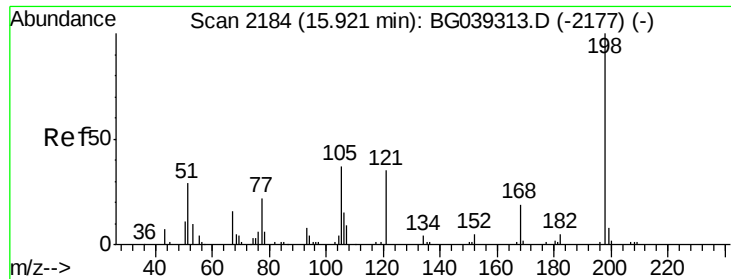
Tgt Ion:	77	Resp:	609568
Ion	Ratio	Lower	Upper
77	100		
182	27.7	6.4	46.4
105	20.4	0.0	39.8
51	33.7	14.1	54.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Tgt Ion:	188	Resp:	399912
Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.9	10.3
80	9.7	8.1	12.1

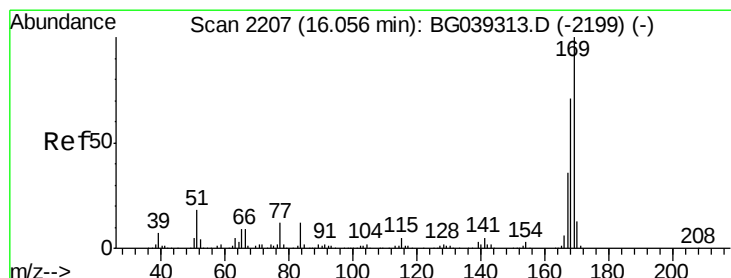
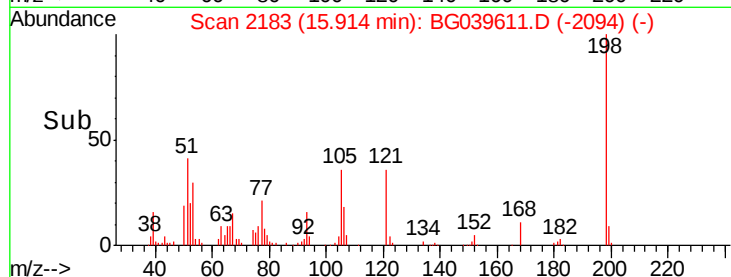
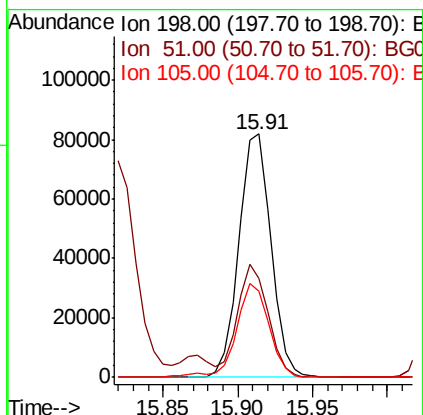
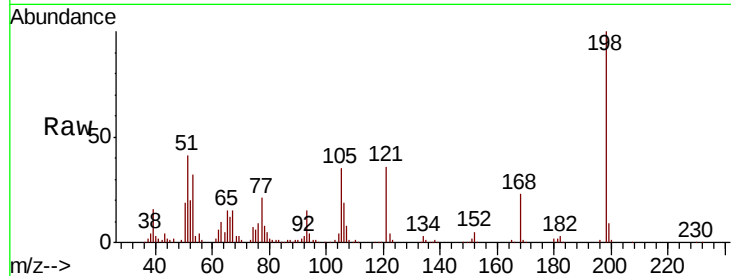




#65
 4,6-Dinitro-2-methylphenol
 Concen: 67.161 ng
 RT: 15.91 min Scan# 2183
 Delta R.T. -0.01 min
 Lab File: BG039611.D
 Acq: 26 Feb 2019 21:59

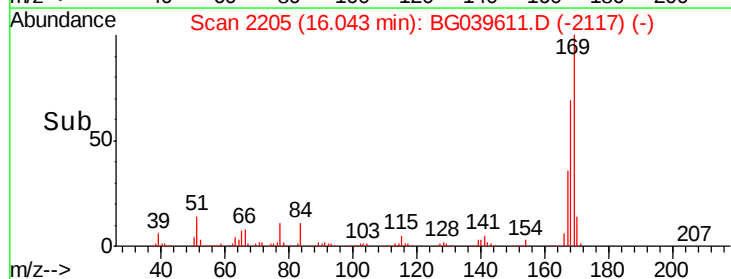
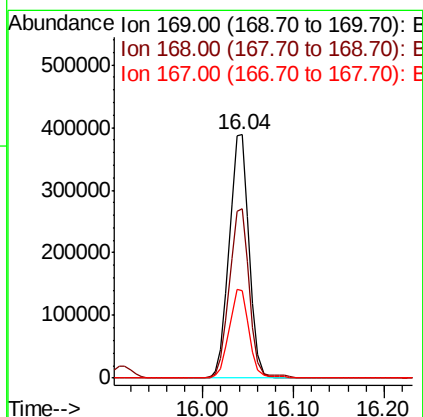
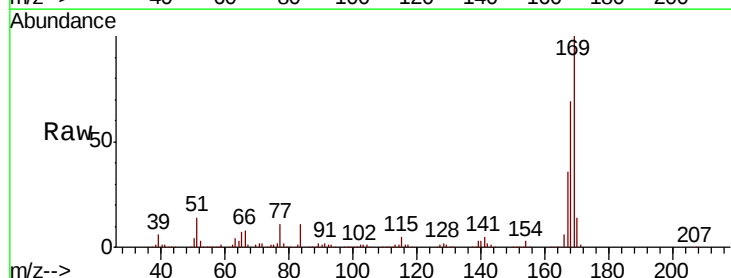
Instrument :
 BNA_G
 ClientSampleId :
 B-4B(14-15)MS

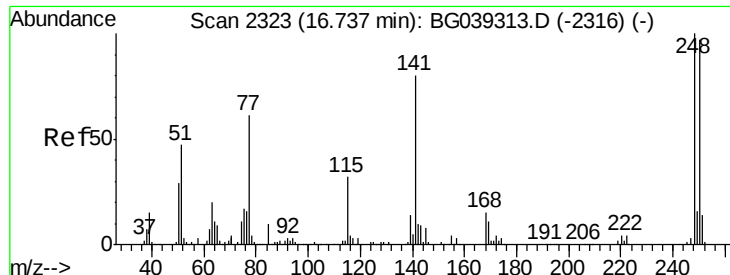
Tgt Ion:198 Resp: 122331
 Ion Ratio Lower Upper
 198 100
 51 40.7 27.4 67.4
 105 35.2 19.7 59.7



#66
 n-Nitrosodiphenylamine
 Concen: 48.605 ng
 RT: 16.04 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG039611.D
 Acq: 26 Feb 2019 21:59

Tgt Ion:169 Resp: 591040
 Ion Ratio Lower Upper
 169 100
 168 69.3 56.6 85.0
 167 36.0 28.8 43.2

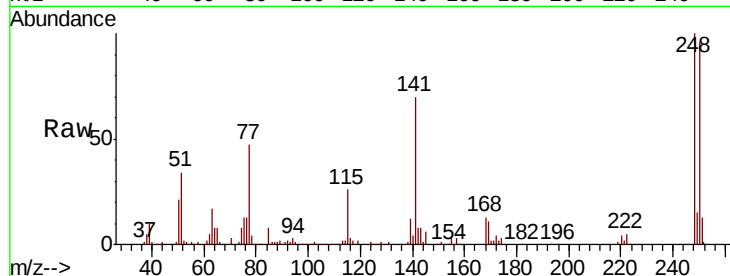




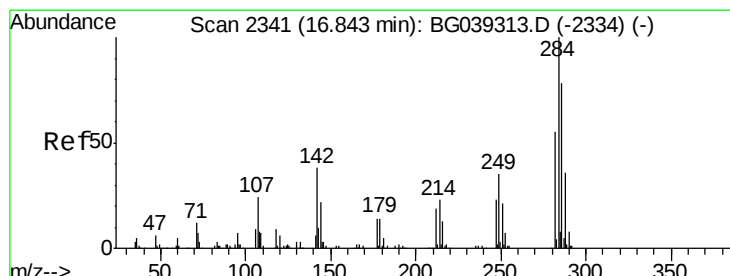
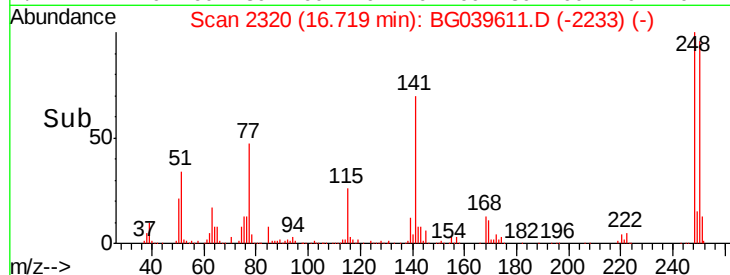
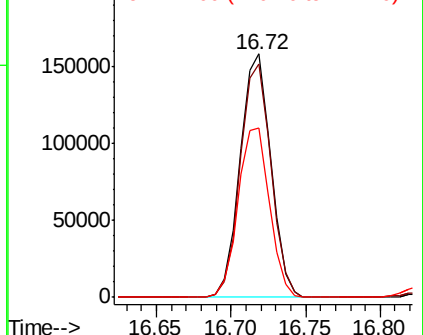
#67
 4-Bromophenyl-phenylether
 Concen: 50.949 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.02 min
 Lab File: BG039611.D
 Acq: 26 Feb 2019 21:59

Instrument :
 BNA_G
 ClientSampleId :
 B-4B(14-15)MS

Tgt Ion:248 Resp: 226040
 Ion Ratio Lower Upper
 248 100
 250 95.8 77.6 116.4
 141 69.7 63.9 95.9

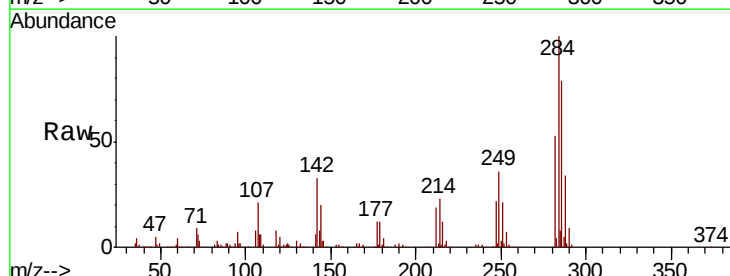


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

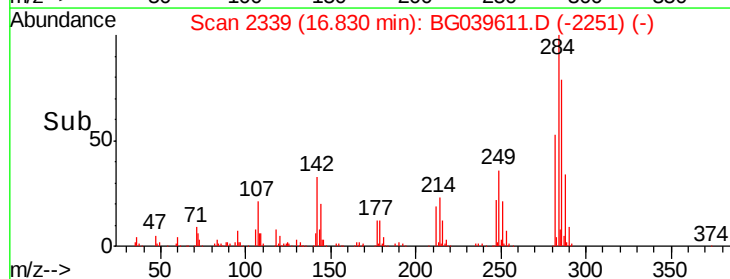
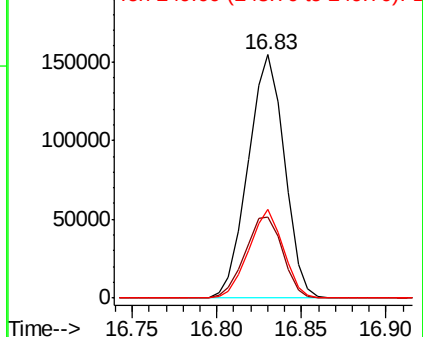


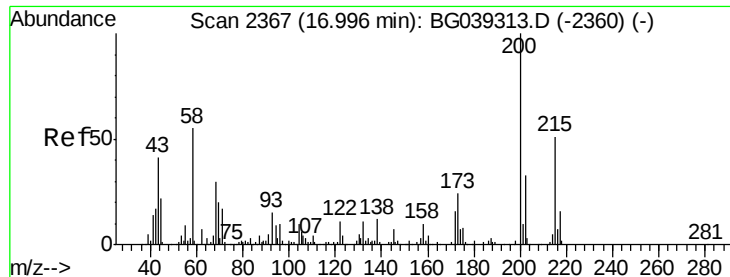
#68
 Hexachlorobenzene
 Concen: 52.072 ng
 RT: 16.83 min Scan# 2339
 Delta R.T. -0.01 min
 Lab File: BG039611.D
 Acq: 26 Feb 2019 21:59

Tgt Ion:284 Resp: 231785
 Ion Ratio Lower Upper
 284 100
 142 33.1 30.6 45.8
 249 36.4 28.2 42.2



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





#69

Atrazine

Concen: 49.587 ng

RT: 16.98 min Scan# 2364

Delta R.T. -0.02 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Instrument :

BNA_G

ClientSampleId :

B-4B(14-15)MS

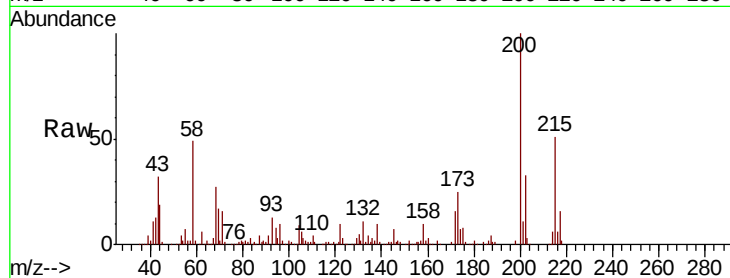
Tgt Ion:200 Resp: 220352

Ion Ratio Lower Upper

200 100

173 25.1 3.9 43.9

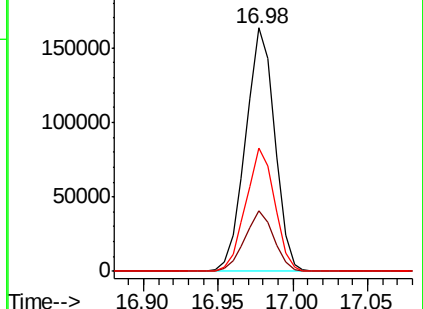
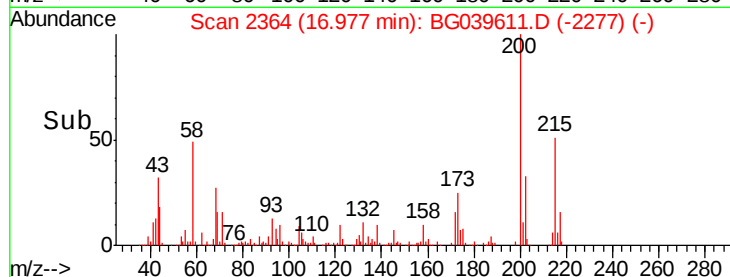
215 50.6 30.9 70.9



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: 99.405 ng

RT: 17.18 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

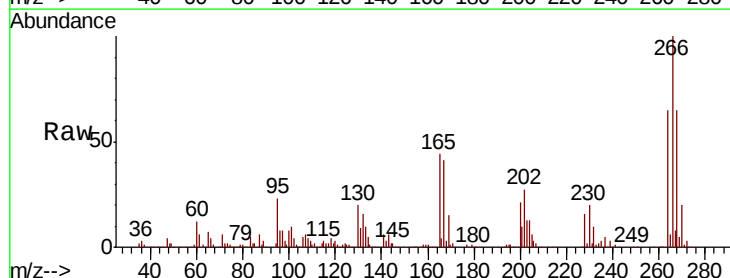
Tgt Ion:266 Resp: 307526

Ion Ratio Lower Upper

266 100

268 65.2 51.1 76.7

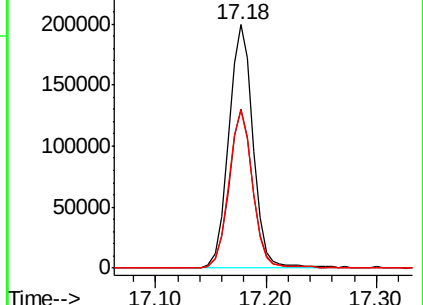
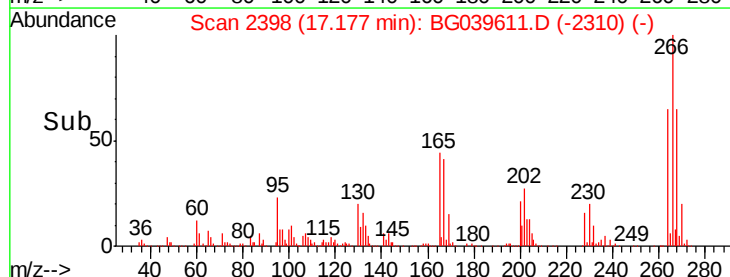
264 65.0 52.1 78.1

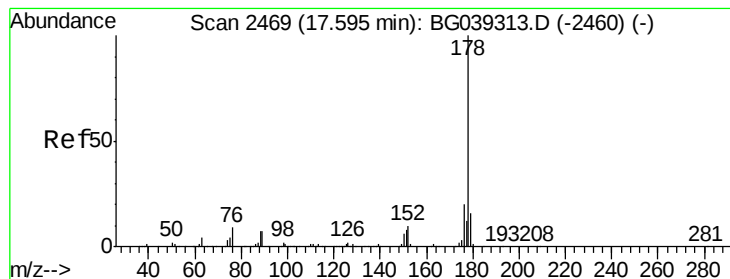


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

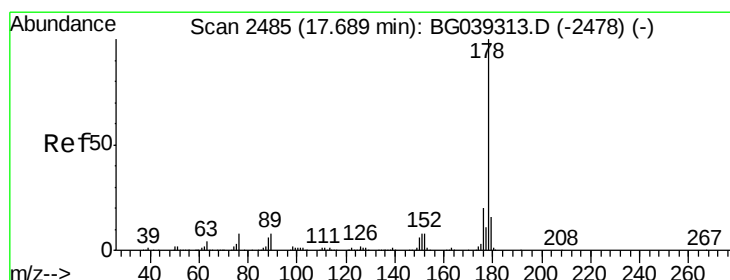
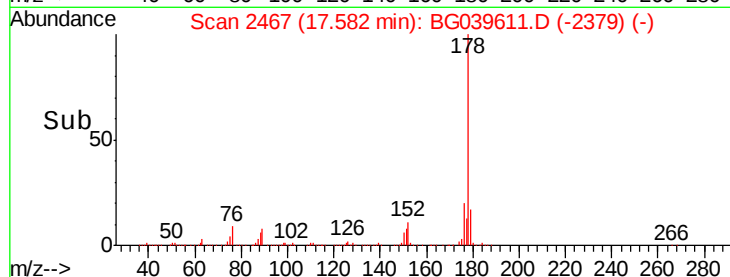
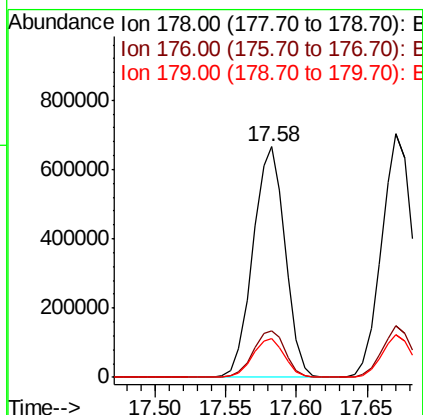
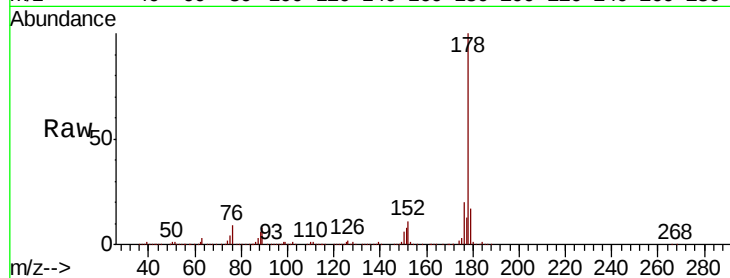




#71
 Phenanthrene
 Concen: 51.497 ng
 RT: 17.58 min Scan# 2467
 Delta R.T. -0.01 min
 Lab File: BG039611.D
 Acq: 26 Feb 2019 21:59

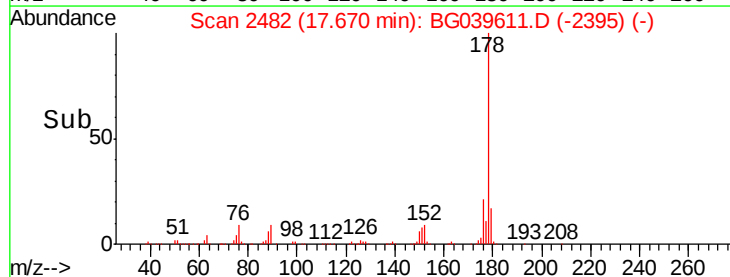
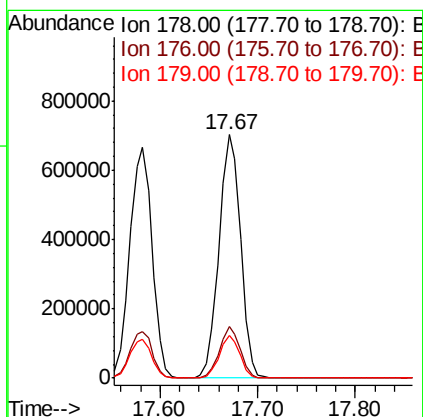
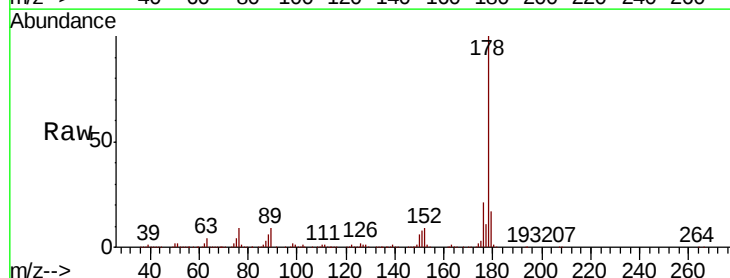
Instrument :
 BNA_G
 ClientSampleId :
 B-4B(14-15)MS

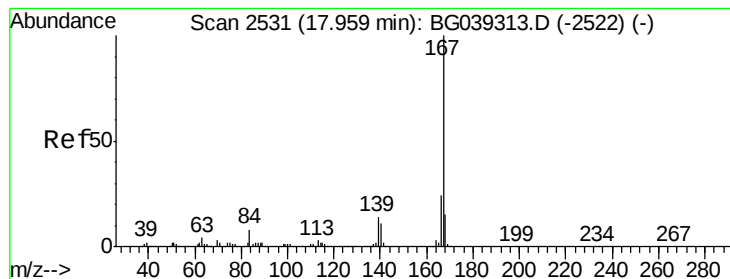
Tgt Ion:178 Resp: 1065893
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.2 24.4
 179 16.6 12.6 19.0



#72
 Anthracene
 Concen: 52.776 ng
 RT: 17.67 min Scan# 2482
 Delta R.T. -0.02 min
 Lab File: BG039611.D
 Acq: 26 Feb 2019 21:59

Tgt Ion:178 Resp: 1075996
 Ion Ratio Lower Upper
 178 100
 176 21.1 15.8 23.6
 179 17.3 12.5 18.7





#73

Carbazole

Concen: 47.113 ng

RT: 17.94 min Scan# 2528

Delta R.T. -0.02 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Instrument :

BNA_G

ClientSampleId :

B-4B(14-15)MS

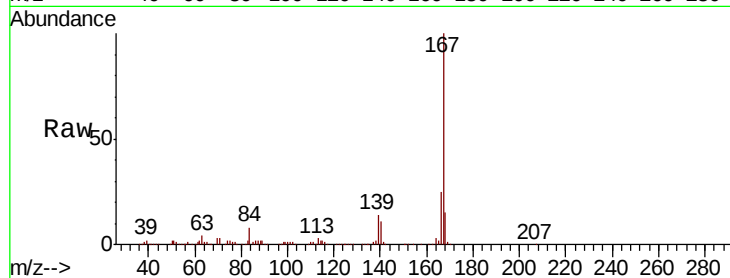
Tgt Ion:167 Resp: 958601

Ion Ratio Lower Upper

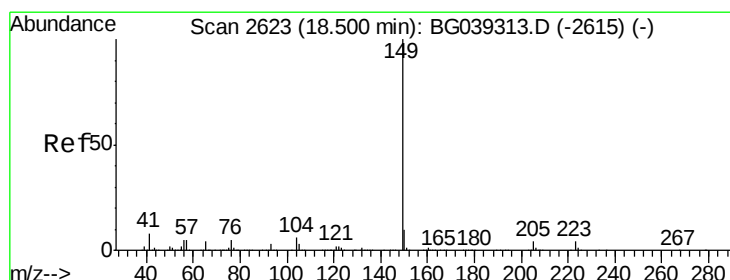
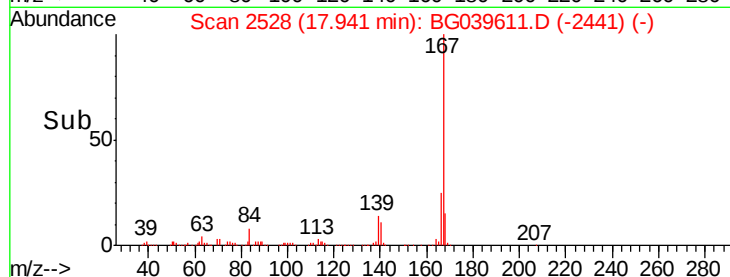
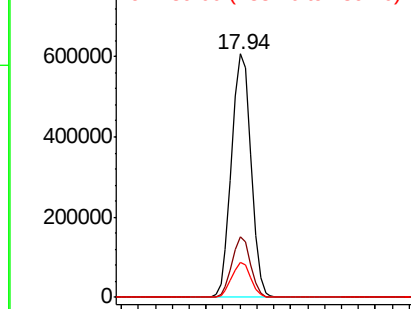
167 100

166 25.0 19.4 29.2

139 14.1 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 48.304 ng

RT: 18.47 min Scan# 2618

Delta R.T. -0.03 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

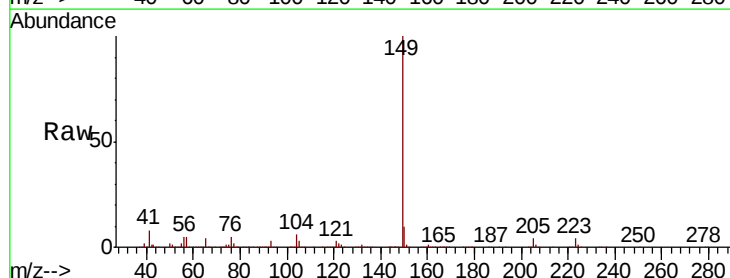
Tgt Ion:149 Resp: 1146609

Ion Ratio Lower Upper

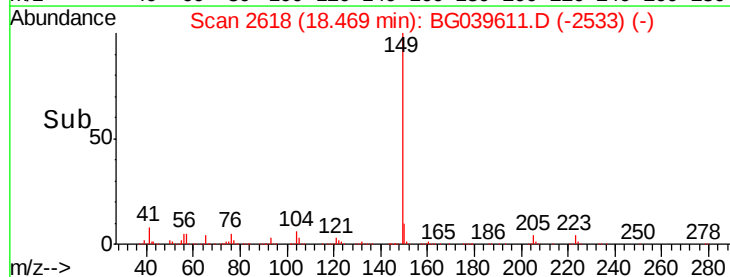
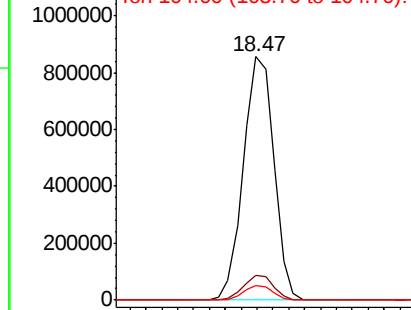
149 100

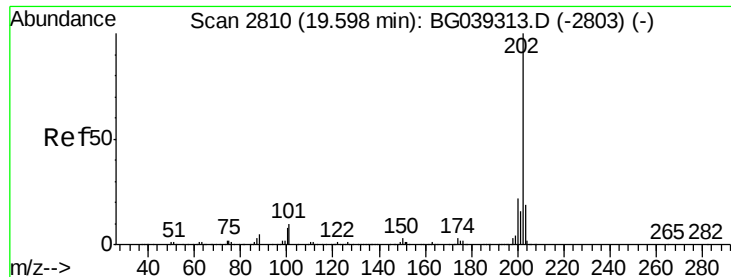
150 10.4 7.7 11.5

104 5.9 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 51.757 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Instrument :

BNA_G

ClientSampleId :

B-4B(14-15)MS

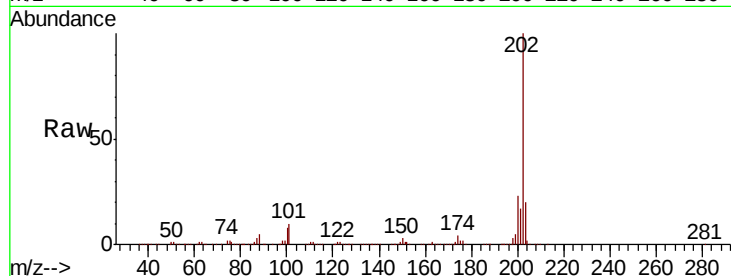
Tgt Ion:202 Resp: 1243421

Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.0

203 19.6 0.0 38.9

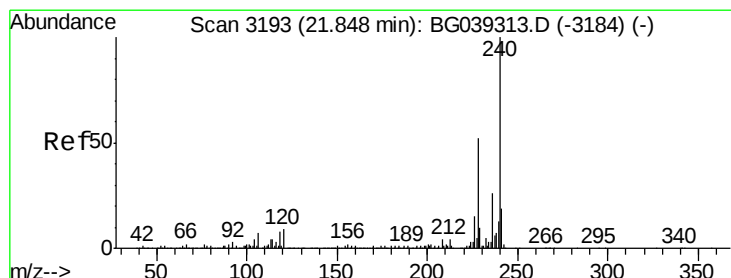
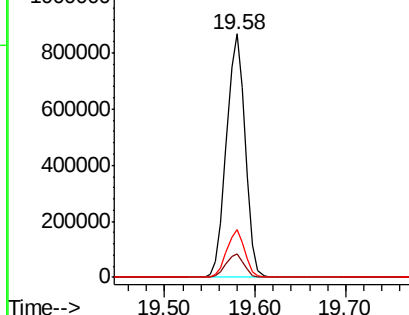
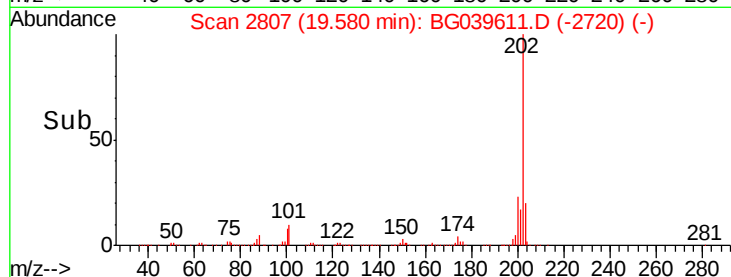


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

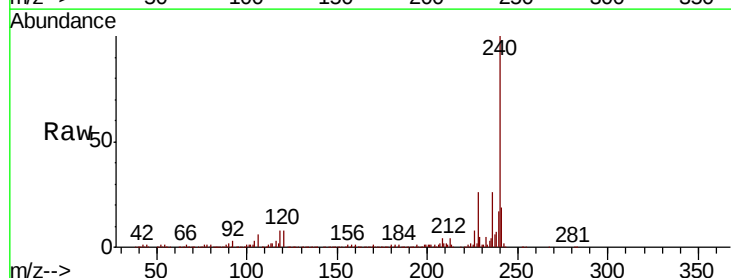
Tgt Ion:240 Resp: 388668

Ion Ratio Lower Upper

240 100

120 8.5 7.0 10.6

236 25.7 21.0 31.4

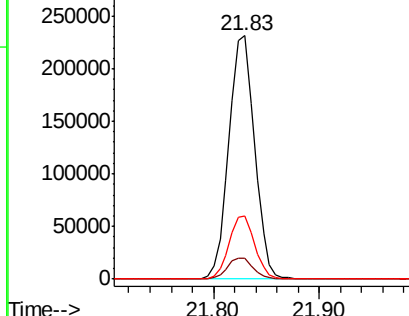
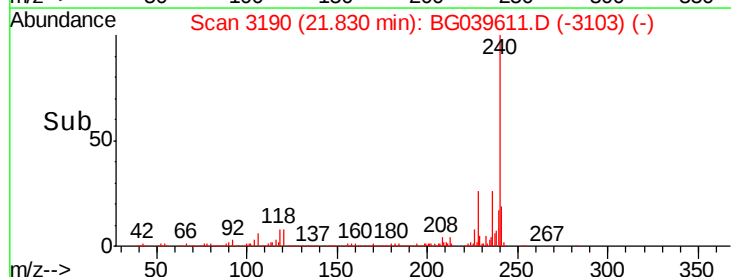


Abundance

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: 53.829 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Instrument :

BNA_G

ClientSampleId :

B-4B(14-15)MS

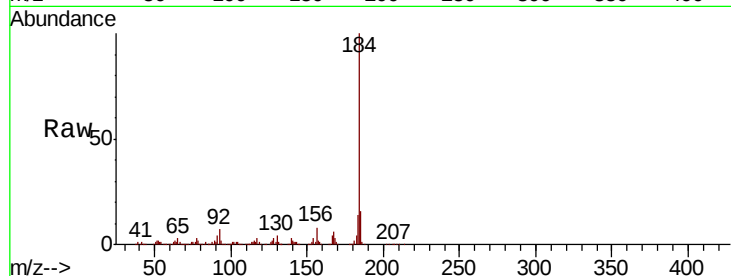
Tgt Ion:184 Resp: 685932

Ion Ratio Lower Upper

184 100

185 16.3 12.2 18.2

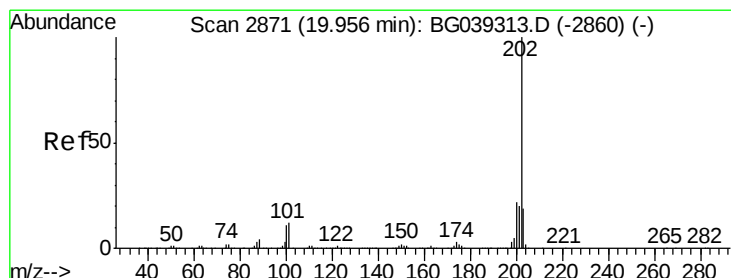
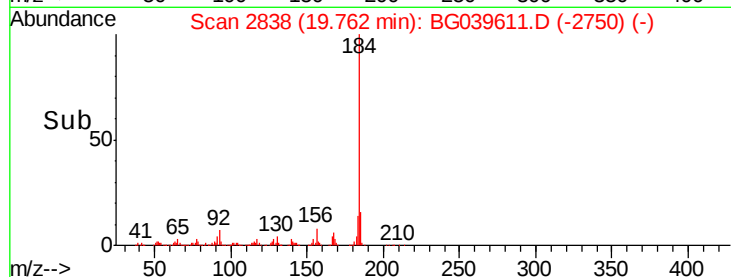
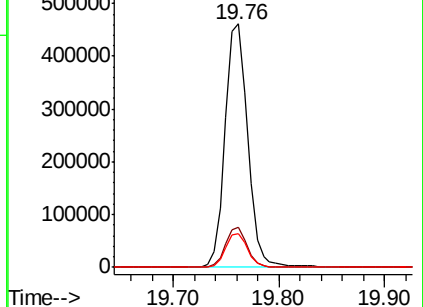
183 13.6 10.6 15.8



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: 50.857 ng

RT: 19.94 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

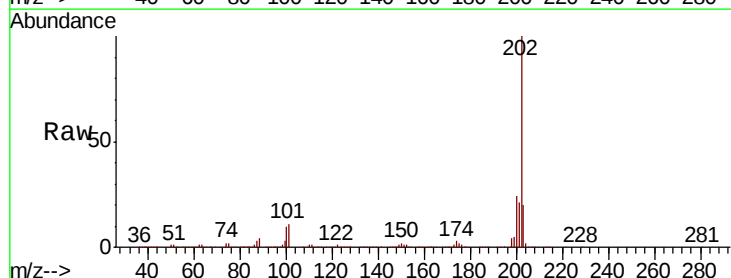
Tgt Ion:202 Resp: 1230528

Ion Ratio Lower Upper

202 100

200 23.6 17.8 26.8

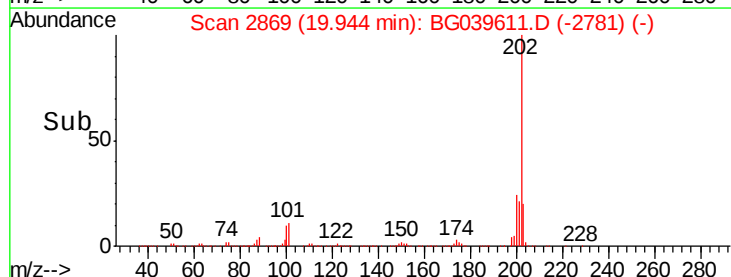
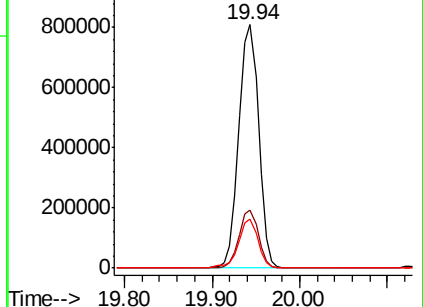
203 20.1 15.3 22.9

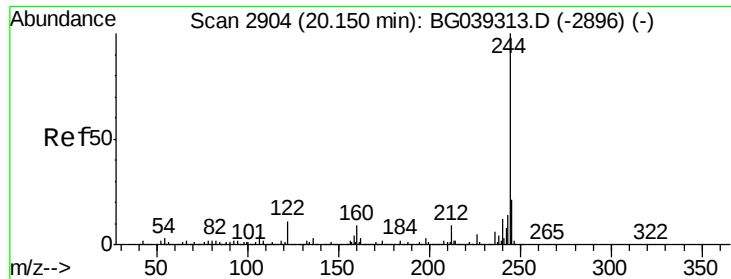


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

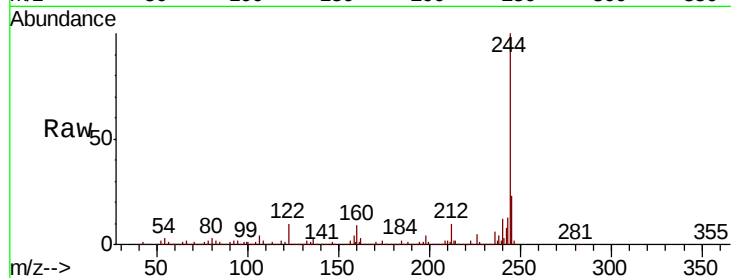




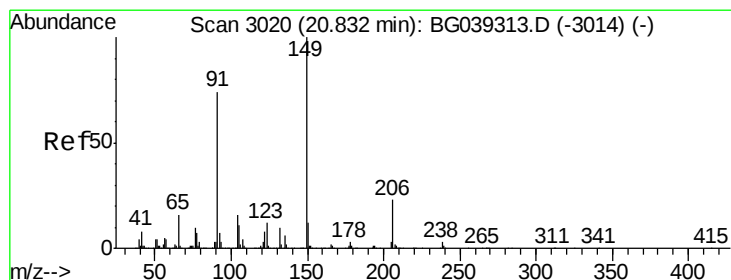
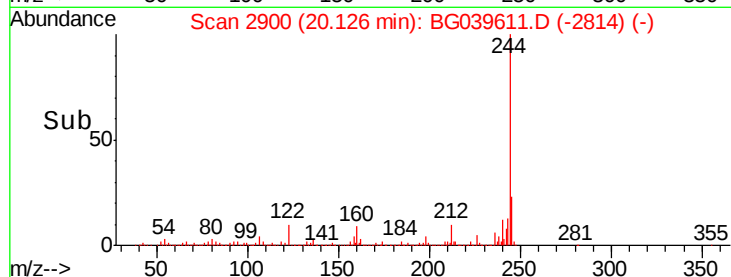
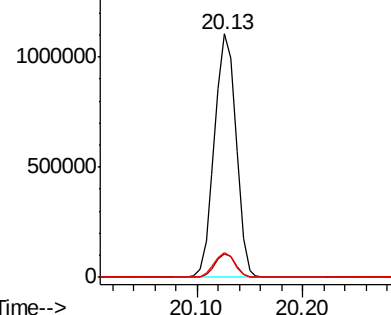
#79
 Terphenyl-d14
 Concen: 84.904 ng
 RT: 20.13 min Scan# 2900
 Delta R.T. -0.02 min
 Lab File: BG039611.D
 Acq: 26 Feb 2019 21:59

Instrument :
 BNA_G
 ClientSampleId :
 B-4B(14-15)MS

Tgt Ion:244 Resp: 1559020
 Ion Ratio Lower Upper
 244 100
 212 9.7 7.3 10.9
 122 9.9 8.4 12.6

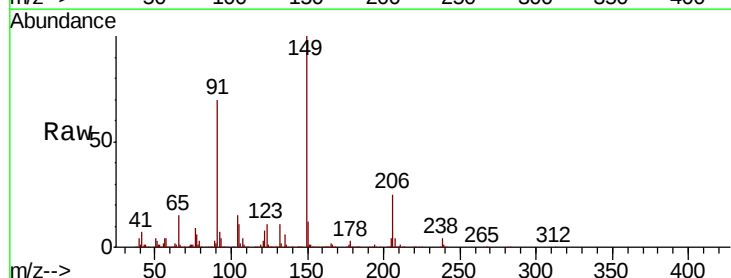


Abundance Ion 244.00 (243.70 to 244.70): E
 1500000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

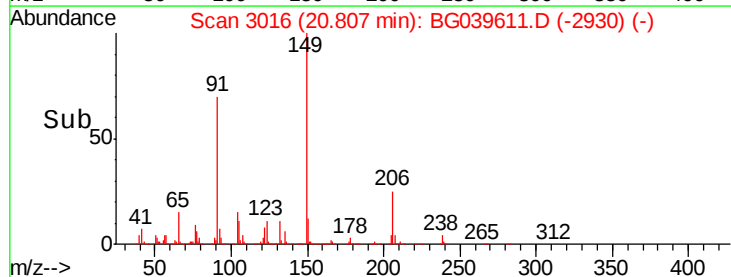
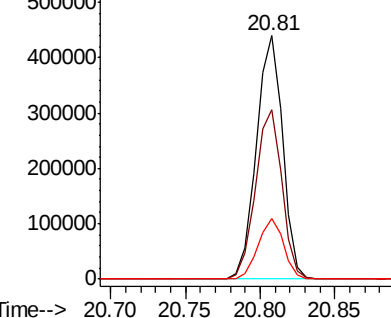


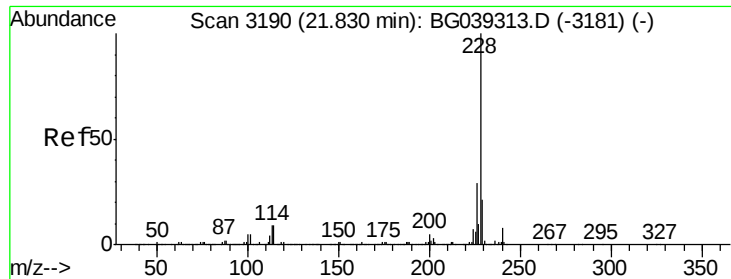
#80
 Butylbenzylphthalate
 Concen: 52.513 ng
 RT: 20.81 min Scan# 3016
 Delta R.T. -0.02 min
 Lab File: BG039611.D
 Acq: 26 Feb 2019 21:59

Tgt Ion:149 Resp: 535980
 Ion Ratio Lower Upper
 149 100
 91 69.7 59.5 89.3
 206 25.0 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E
 600000 Ion 91.00 (90.70 to 91.70): BGC
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 53.676 ng

RT: 21.81 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Instrument :

BNA_G

ClientSampleId :

B-4B(14-15)MS

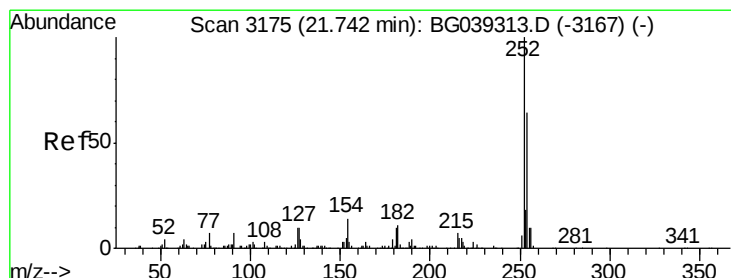
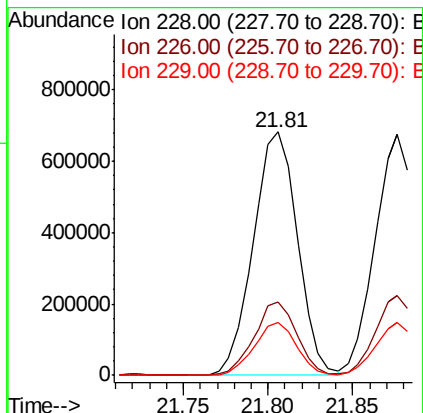
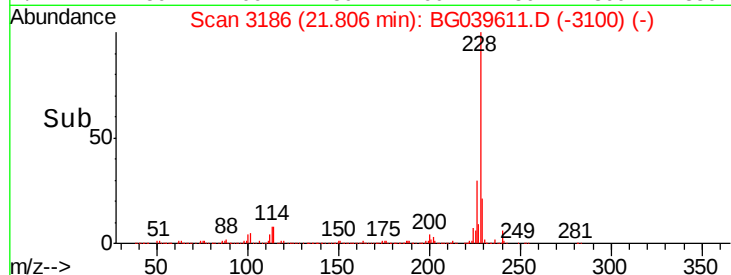
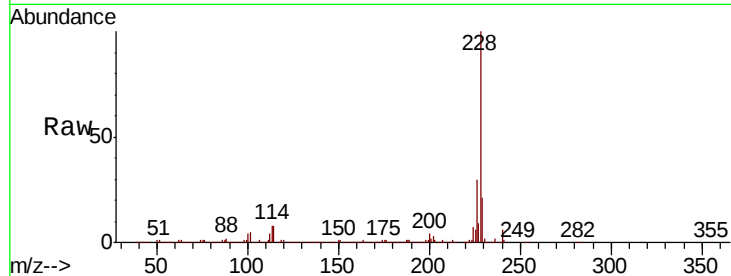
Tgt Ion:228 Resp: 1232729

Ion Ratio Lower Upper

228 100

226 30.4 23.0 34.6

229 21.5 16.9 25.3



#82

3,3'-Dichlorobenzidine

Concen: 37.796 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.02 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

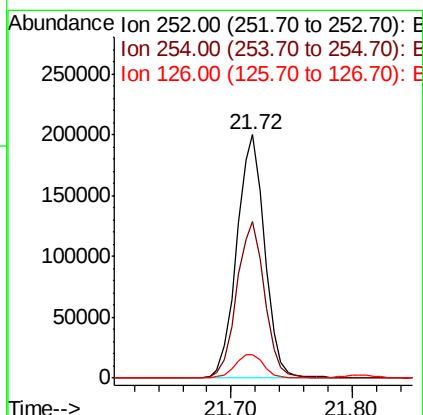
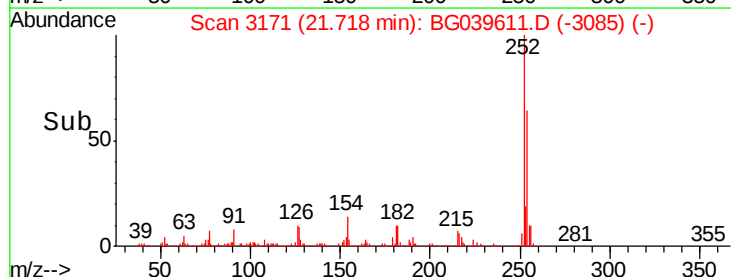
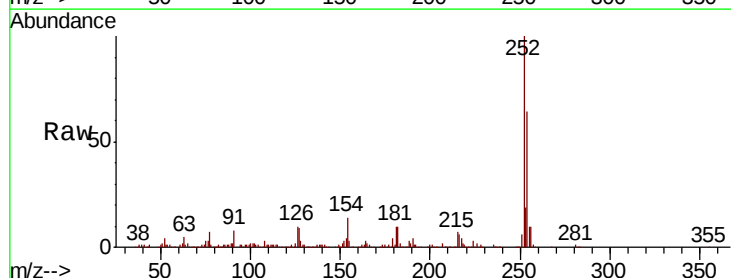
Tgt Ion:252 Resp: 321856

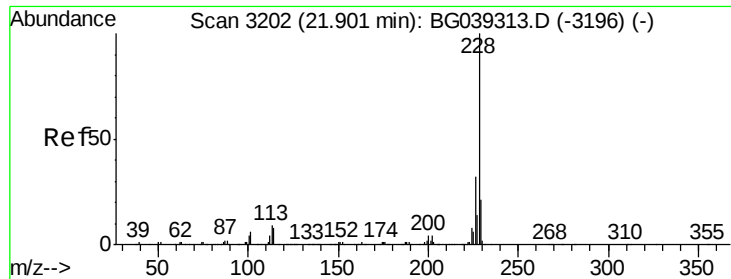
Ion Ratio Lower Upper

252 100

254 64.4 51.3 76.9

126 9.6 8.0 12.0





#83

Chrysene

Concen: 52.213 ng

RT: 21.88 min Scan# 3198

Delta R.T. -0.02 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Instrument :

BNA_G

ClientSampleId :

B-4B(14-15)MS

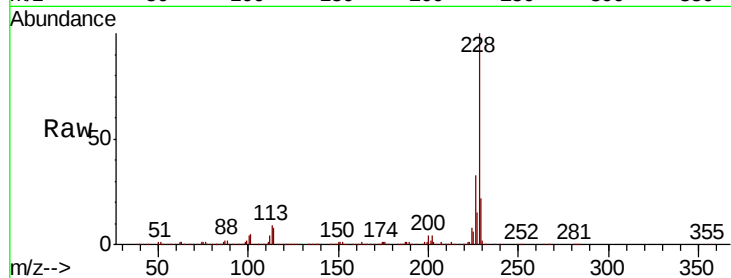
Tgt Ion:228 Resp: 1141506

Ion Ratio Lower Upper

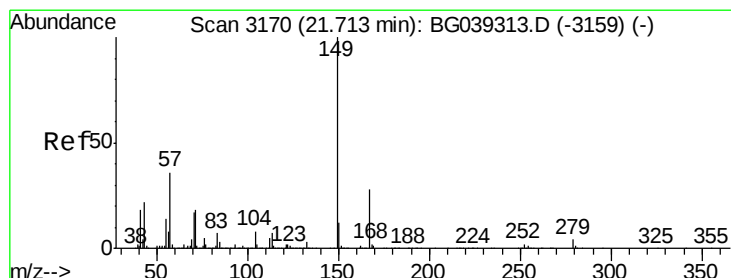
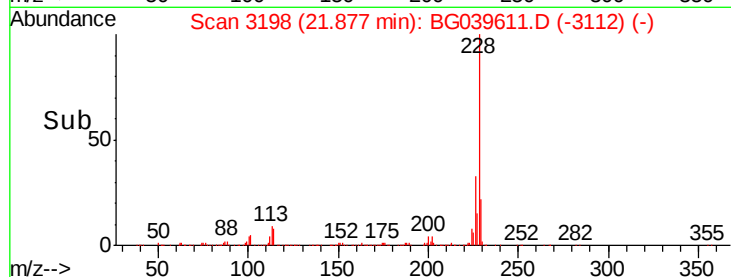
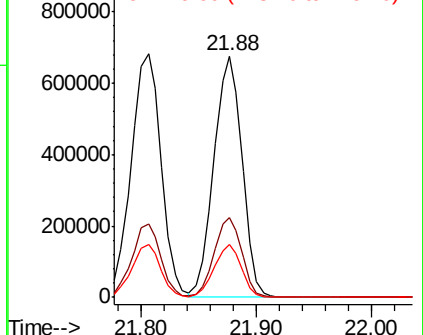
228 100

226 33.0 25.8 38.6

229 21.7 16.6 25.0



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.427 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.04 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

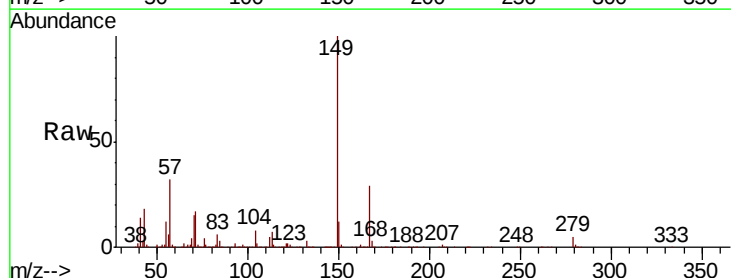
Tgt Ion:149 Resp: 748845

Ion Ratio Lower Upper

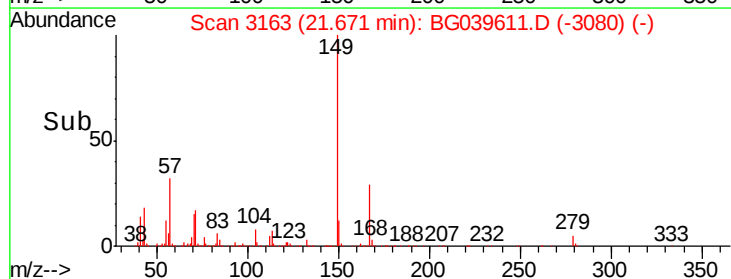
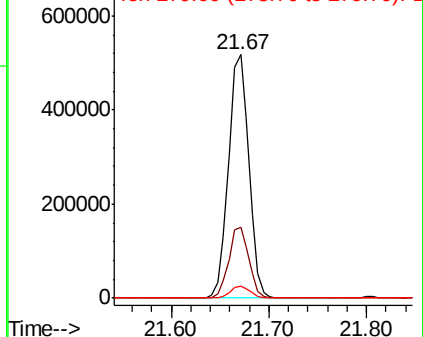
149 100

167 29.1 22.6 34.0

279 5.1 3.5 5.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

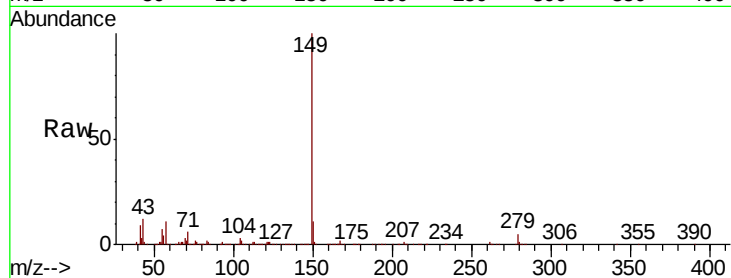




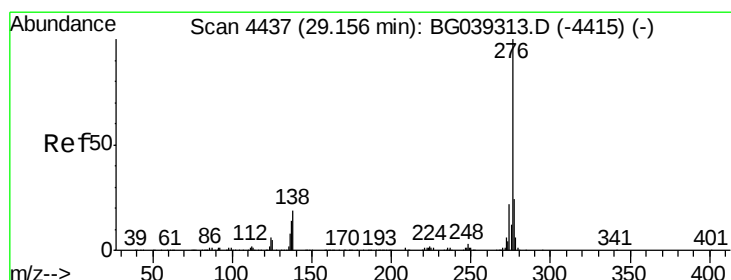
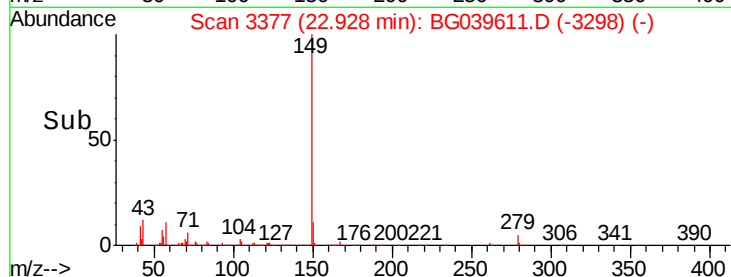
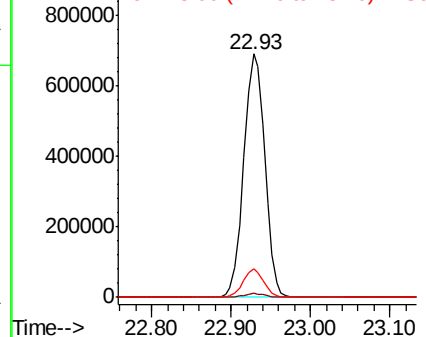
#85
 Di-n-octyl phthalate
 Concen: 52.764 ng
 RT: 22.93 min Scan# 3377
 Delta R.T. -0.07 min
 Lab File: BG039611.D
 Acq: 26 Feb 2019 21:59

Instrument :
 BNA_G
 ClientSampleId :
 B-4B(14-15)MS

Tgt Ion:149 Resp: 1269307
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.1 10.2 15.4

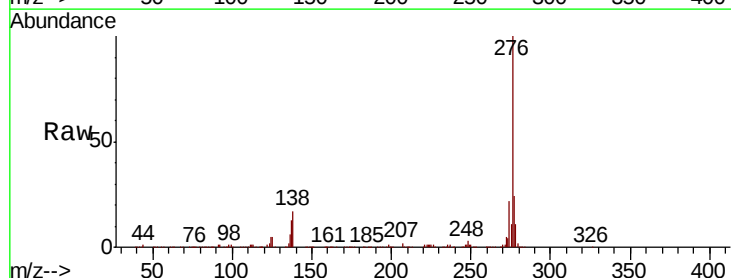


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BGC

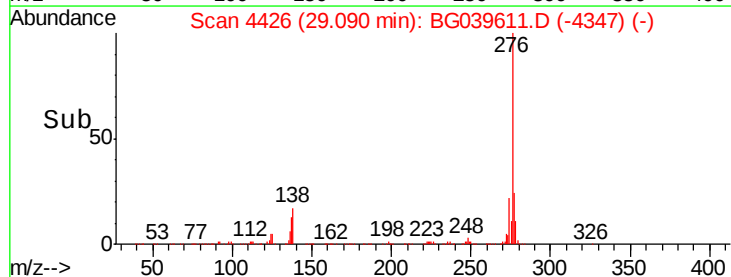
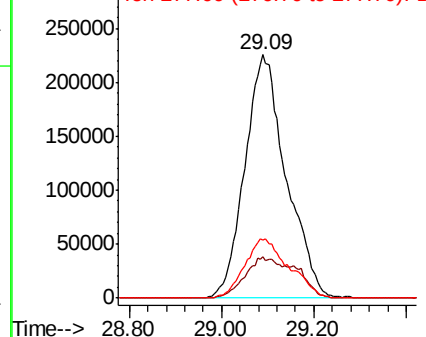


#86
 Indeno(1,2,3-cd)pyrene
 Concen: 59.791 ng
 RT: 29.09 min Scan# 4426
 Delta R.T. -0.07 min
 Lab File: BG039611.D
 Acq: 26 Feb 2019 21:59

Tgt Ion:276 Resp: 1402473
 Ion Ratio Lower Upper
 276 100
 138 20.9 12.6 19.0#
 277 26.1 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



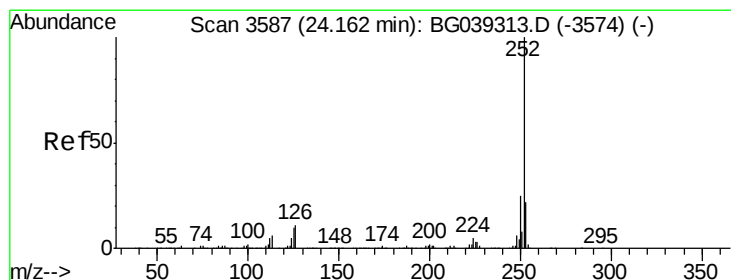
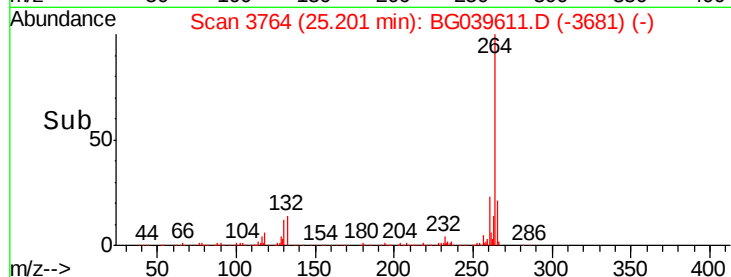
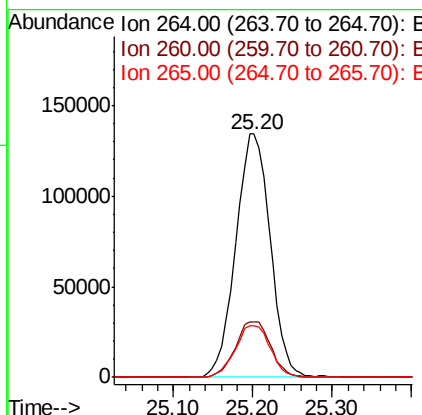
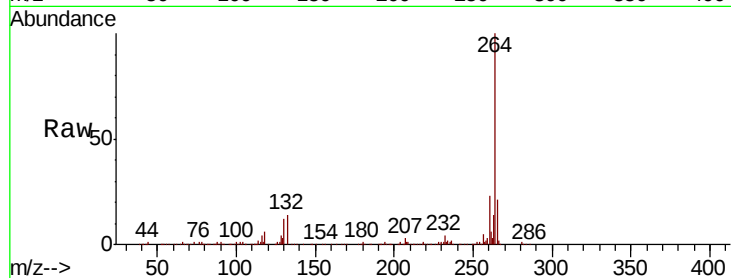


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3764
Delta R.T. -0.04 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MS

Tgt Ion: 264 Resp: 405509

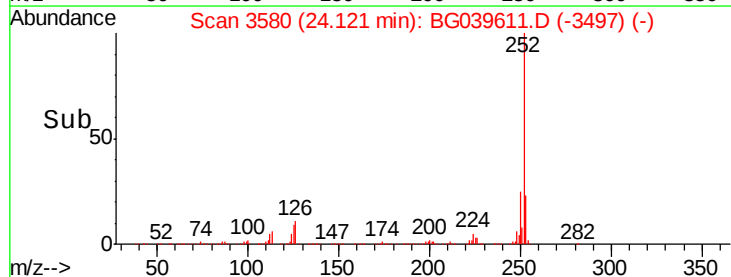
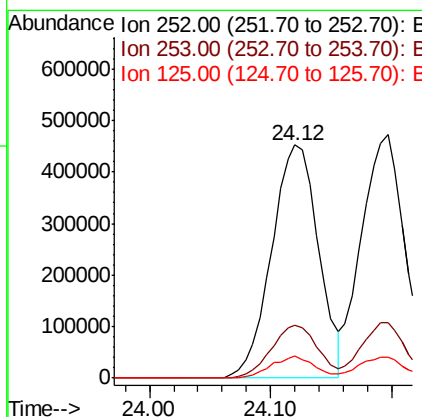
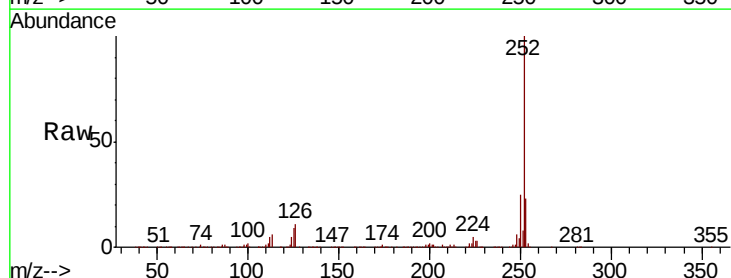
Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	21.2	18.5	27.7



#88
Benzo(b)fluoranthene
Concen: 54.970 ng
RT: 24.12 min Scan# 3580
Delta R.T. -0.04 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Tgt Ion: 252 Resp: 1215638

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	9.3	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 52.726 ng

RT: 24.20 min Scan# 3593

Delta R.T. -0.04 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Instrument :

BNA_G

ClientSampleId :

B-4B(14-15)MS

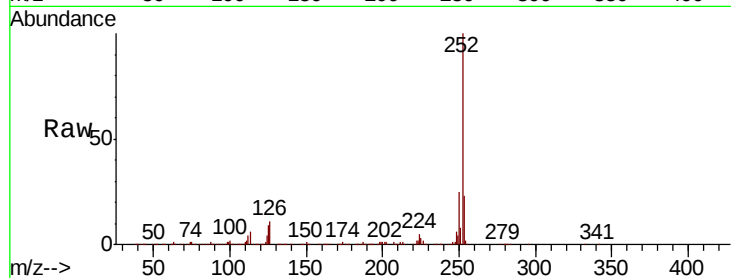
Tgt Ion:252 Resp: 1170667

Ion Ratio Lower Upper

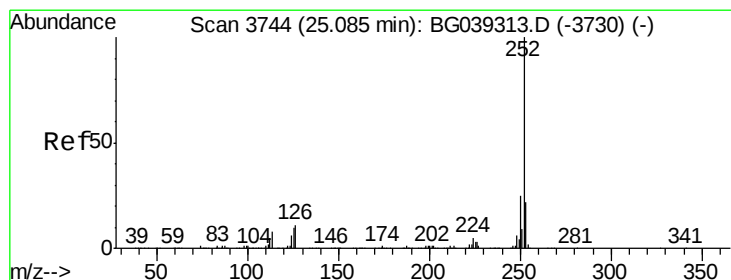
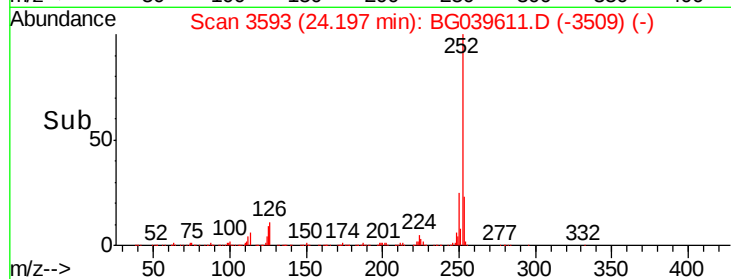
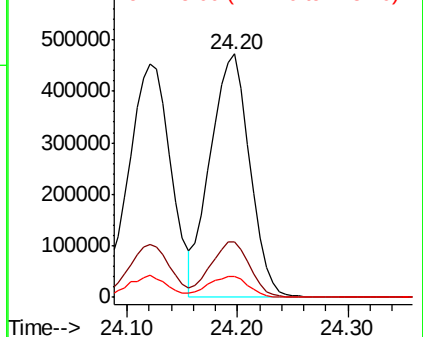
252 100

253 22.9 18.2 27.2

125 8.8 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 55.600 ng

RT: 25.04 min Scan# 3737

Delta R.T. -0.04 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

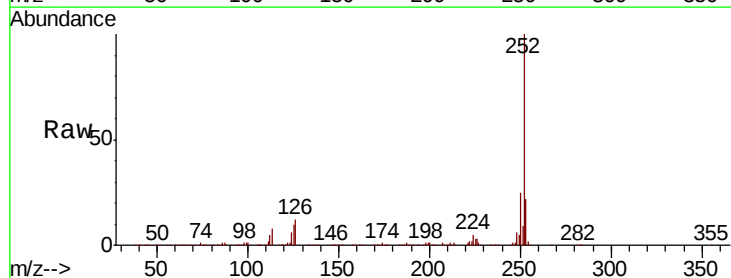
Tgt Ion:252 Resp: 1184170

Ion Ratio Lower Upper

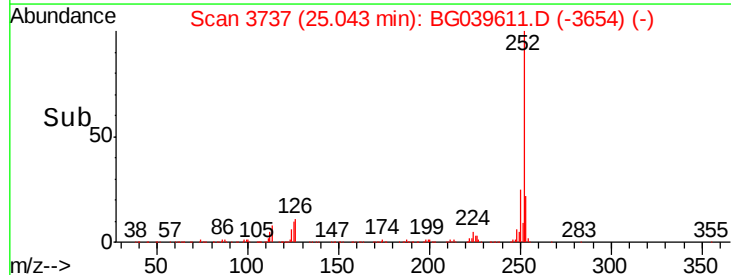
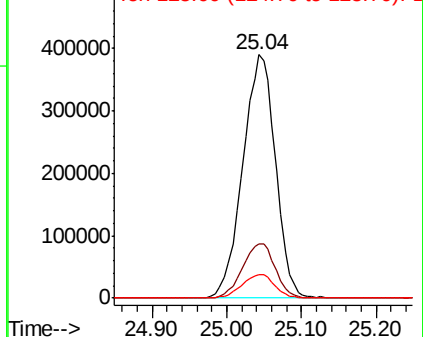
252 100

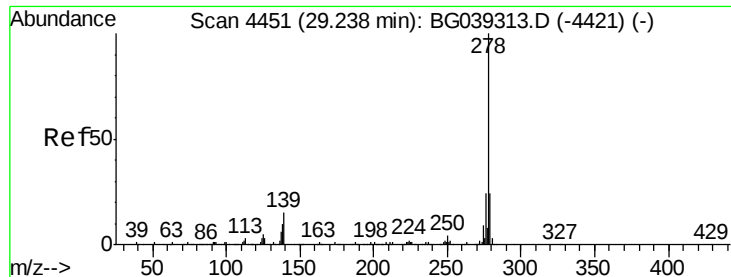
253 22.4 17.9 26.9

125 9.6 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

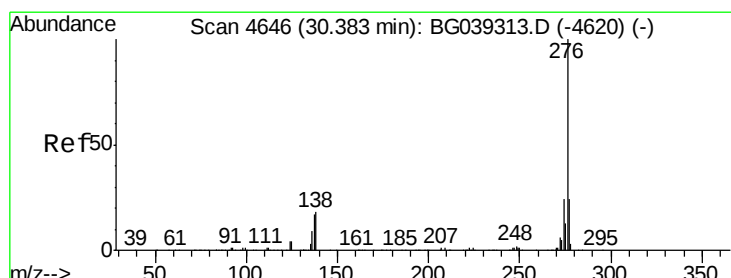
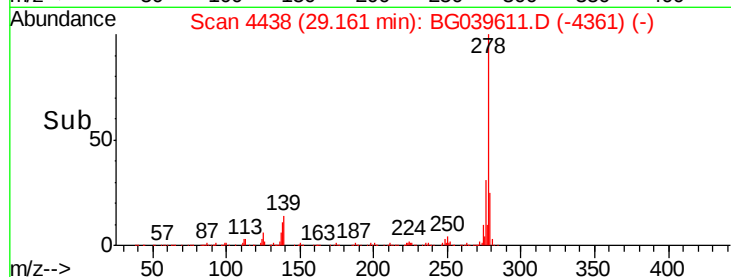
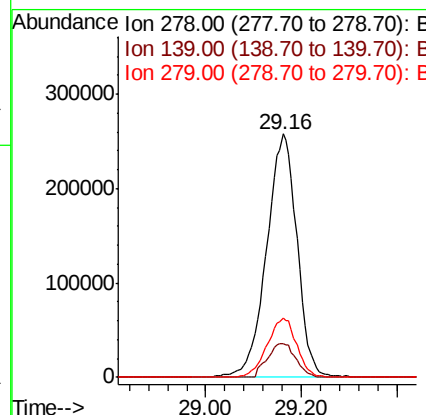
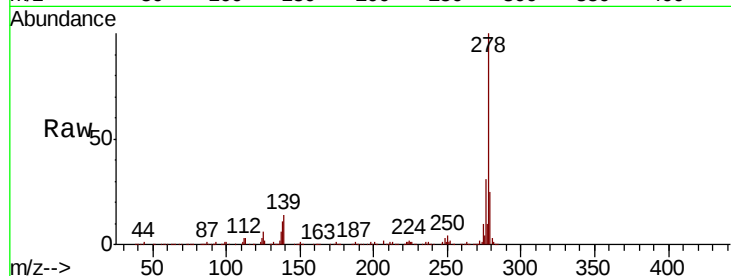




#91
Dibenzo(a,h)anthracene
Concen: 56.888 ng
RT: 29.16 min Scan# 4438
Delta R.T. -0.08 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MS

Tgt Ion:278 Resp: 1134664
Ion Ratio Lower Upper
278 100
139 13.9 11.7 17.5
279 24.6 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 58.403 ng
RT: 30.32 min Scan# 4635
Delta R.T. -0.07 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Tgt Ion:276 Resp: 1161072
Ion Ratio Lower Upper
276 100
277 23.2 19.6 29.4
138 17.2 14.7 22.1

