

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012119\
 Data File : BG039230.D
 Acq On : 21 Jan 2019 12:44
 Operator : JU/SJ
 Sample : PB116511BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116511BS

Quant Time: Jan 21 13:31:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	15602	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	65075	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	48213	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	130878	20.00	ng	0.00
76) Chrysene-d12	21.68	240	139013	20.00	ng	0.00
87) Perylene-d12	24.93	264	138469	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	131161	159.47	ng	0.00
7) Phenol-d6	7.18	99	179766	151.88	ng	0.00
23) Nitrobenzene-d5	9.19	82	94965	79.85	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	116157	143.73	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	273967	77.77	ng	0.00
79) Terphenyl-d14	20.00	244	599350	79.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	11066	34.358	ng	# 85
3) Pyridine	3.84	79	26482	30.259	ng	98
4) n-Nitrosodimethylamine	3.76	42	17912	45.483	ng	93
6) Aniline	7.34	93	44522	31.320	ng	100
8) 2-Chlorophenol	7.57	128	43226	44.585	ng	97
9) Benzaldehyde	7.15	77	7828	11.468	ng	97
10) Phenol	7.20	94	53745	45.290	ng	96
11) bis(2-Chloroethyl)ether	7.43	93	34332	37.853	ng	98
12) 1,3-Dichlorobenzene	7.89	146	42780	36.829	ng	97
13) 1,4-Dichlorobenzene	8.04	146	43887	37.305	ng	97
14) 1,2-Dichlorobenzene	8.36	146	42768	38.128	ng	95
15) Benzyl Alcohol	8.25	79	38092	42.734	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	70178	40.352	ng	99
17) 2-Methylphenol	8.45	107	36818	44.682	ng	96
18) Hexachloroethane	9.09	117	15121	37.834	ng	95
19) n-Nitroso-di-n-propylamine	8.81	70	30133	38.768	ng	92
20) 3+4-Methylphenols	8.78	107	51142	43.532	ng	99
22) Acetophenone	8.84	105	62439	36.741	ng	97
24) Nitrobenzene	9.23	77	46207	38.440	ng	99
25) Isophorone	9.74	82	86443	42.197	ng	99
26) 2-Nitrophenol	9.94	139	25635	39.427	ng	92
27) 2,4-Dimethylphenol	9.99	122	42644	46.619	ng	92
28) bis(2-Chloroethoxy)methane	10.23	93	49641	40.320	ng	95
29) 2,4-Dichlorophenol	10.47	162	50556	44.488	ng	96
30) 1,2,4-Trichlorobenzene	10.68	180	51197	37.496	ng	97
31) Naphthalene	10.87	128	132411	40.570	ng	99
32) Benzoic acid	10.16	122	18223	35.463	ng	89
33) 4-Chloroaniline	10.99	127	34708	23.766	ng	98
34) Hexachlorobutadiene	11.14	225	35112	37.372	ng	98
35) Caprolactam	11.78	113	8086	17.744	ng	98
36) 4-Chloro-3-methylphenol	12.11	107	52944	43.560	ng	91
37) 2-Methylnaphthalene	12.48	142	103244	42.192	ng	97
38) 1-Methylnaphthalene	12.70	142	97264	41.411	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	66383	36.662	ng	98

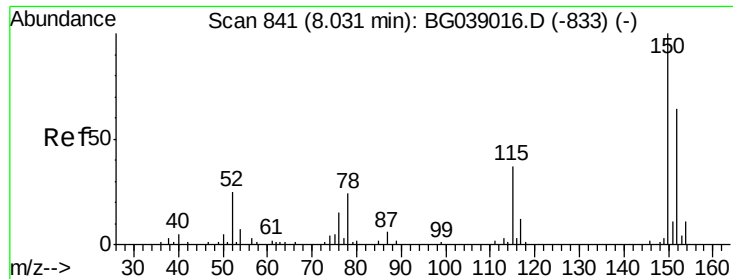
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012119\
 Data File : BG039230.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	71640	70.949	ng	98
43) 2,4,6-Trichlorophenol	13.09	196	46872	41.130	ng	99
44) 2,4,5-Trichlorophenol	13.16	196	52311	43.431	ng	99
46) 1,1'-Biphenyl	13.48	154	141337	36.996	ng	99
47) 2-Chloronaphthalene	13.53	162	115802	37.458	ng	99
48) 2-Nitroaniline	13.75	65	35212	40.656	ng	97
49) Acenaphthylene	14.37	152	187366	40.322	ng	99
50) Dimethylphthalate	14.10	163	162303	39.837	ng	100
51) 2,6-Dinitrotoluene	14.24	165	37308	40.958	ng	98
52) Acenaphthene	14.72	154	110417	39.550	ng	98
53) 3-Nitroaniline	14.57	138	25618	27.724	ng	100
54) 2,4-Dinitrophenol	14.79	184	49095	89.466	ng	97
55) Dibenzofuran	15.05	168	192530	39.047	ng	99
56) 4-Nitrophenol	14.89	139	58447	87.907	ng	99
57) 2,4-Dinitrotoluene	15.03	165	54470	41.681	ng	# 98
58) Fluorene	15.70	166	156458	42.155	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.20	232	47586	41.853	ng	91
60) Diethylphthalate	15.46	149	171789	40.924	ng	98
61) 4-Chlorophenyl-phenylether	15.68	204	89954	38.471	ng	97
62) 4-Nitroaniline	15.74	138	36473	37.890	ng	99
63) Azobenzene	15.98	77	131139	39.949	ng	97
65) 4,6-Dinitro-2-methylphenol	15.79	198	35721	36.840	ng	96
66) n-Nitrosodiphenylamine	15.91	169	148226	38.204	ng	98
67) 4-Bromophenyl-phenylether	16.58	248	61392	36.491	ng	99
68) Hexachlorobenzene	16.70	284	65531	35.696	ng	98
69) Atrazine	16.85	200	59329	35.995	ng	96
70) Pentachlorophenol	17.05	266	69279	62.451	ng	96
71) Phenanthrene	17.44	178	281387	40.676	ng	98
72) Anthracene	17.54	178	286928	41.949	ng	99
73) Carbazole	17.81	167	253231	37.504	ng	99
74) Di-n-butylphthalate	18.34	149	295919	39.395	ng	98
75) Fluoranthene	19.45	202	356592	41.581	ng	99
77) Benzidine	19.64	184	120131	28.254	ng	99
78) Pyrene	19.82	202	353568	39.910	ng	99
80) Butylbenzylphthalate	20.68	149	134706	39.979	ng	98
81) Benzo(a)anthracene	21.65	228	352616	41.669	ng	99
82) 3,3'-Dichlorobenzidine	21.57	252	94867	27.514	ng	97
83) Chrysene	21.72	228	325739	40.472	ng	99
84) Bis(2-ethylhexyl)phthalate	21.52	149	184924	39.526	ng	96
85) Di-n-octyl phthalate	22.73	149	320072	40.459	ng	99
86) Indeno(1,2,3-cd)pyrene	28.68	276	403575	41.964	ng	# 96
88) Benzo(b)fluoranthene	23.89	252	350561	45.914	ng	99
89) Benzo(k)fluoranthene	23.96	252	335471	44.439	ng	98
90) Benzo(a)pyrene	24.78	252	342438	46.401	ng	98
91) Dibenzo(a,h)anthracene	28.73	278	336497	45.840	ng	98
92) Benzo(g,h,i)perylene	29.86	276	338218	46.541	ng	96

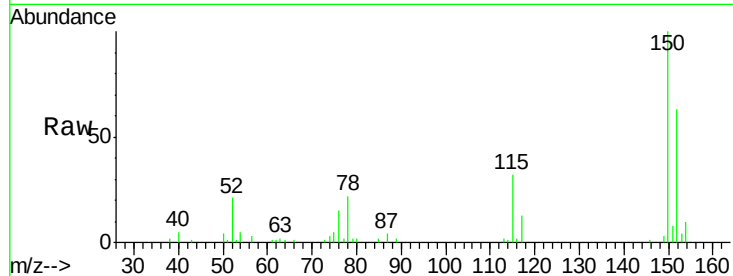
(#) = qualifier out of range (m) = manual integration (+) = signals summed



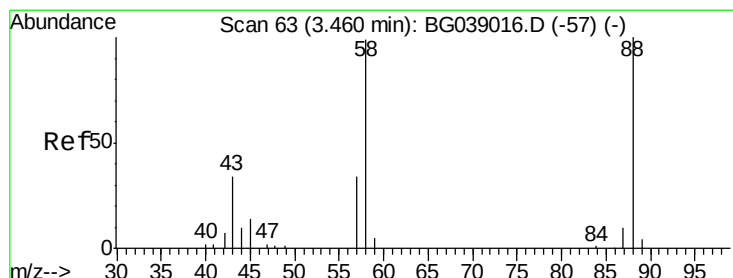
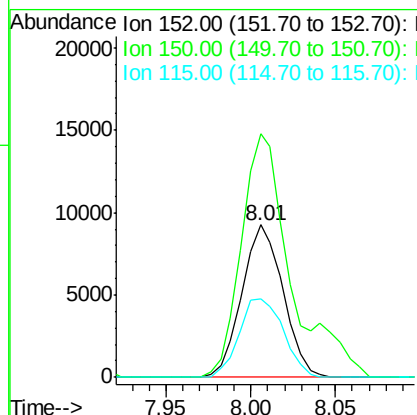
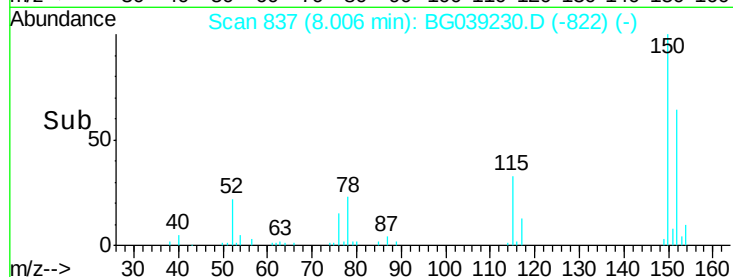
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

Instrument :
 BNA_G
 ClientSampleId :
 PB116511BS

Tgt Ion:152 Resp: 15602
 Ion Ratio Lower Upper
 152 100
 150 159.6 124.7 187.1
 115 51.4 46.5 69.7

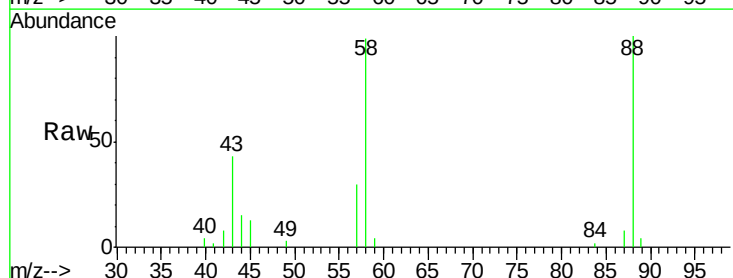


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

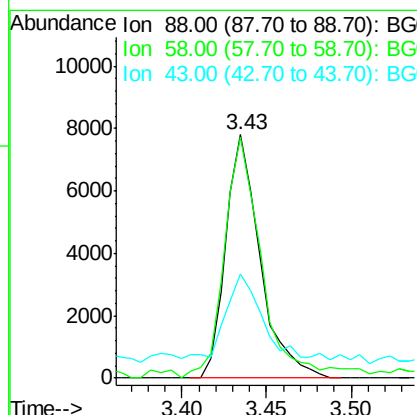
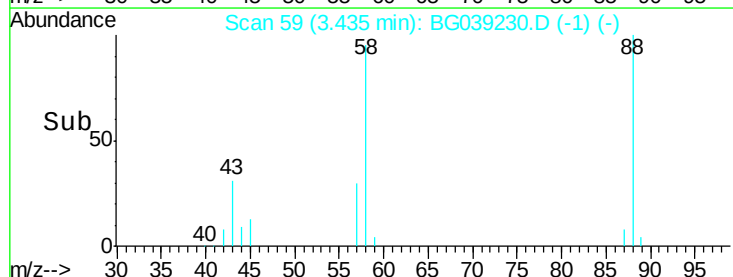


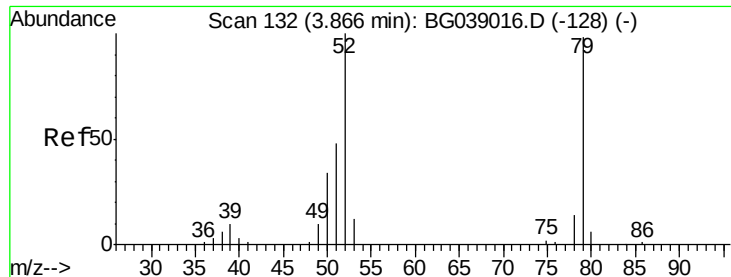
#2
 1,4-Dioxane
 Concen: 34.358 ng
 RT: 3.43 min Scan# 59
 Delta R.T. -0.01 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

Tgt Ion: 88 Resp: 11066
 Ion Ratio Lower Upper
 88 100
 58 108.6 72.4 108.6#
 43 32.9 27.6 41.4



Abundance Ion 88.00 (87.70 to 88.70): BGC
 Ion 58.00 (57.70 to 58.70): BGC
 Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 30.259 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.01 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB116511BS

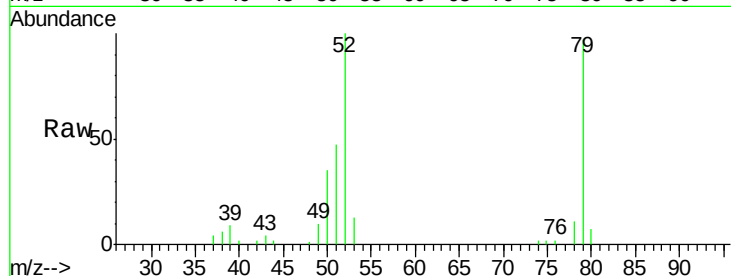
Tgt Ion: 79 Resp: 26482

Ion Ratio Lower Upper

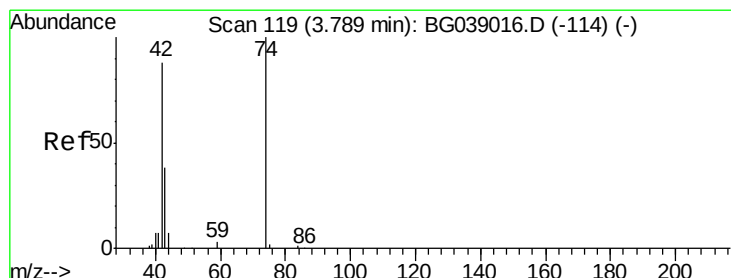
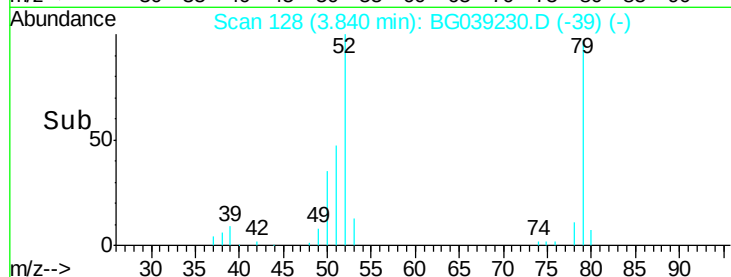
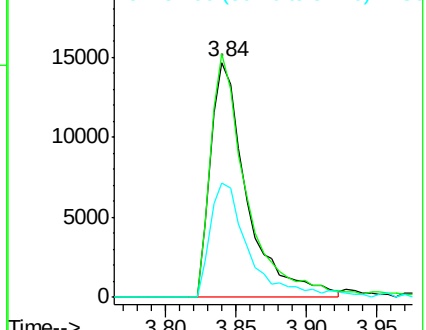
79 100

52 103.5 81.5 122.3

51 48.6 39.8 59.6



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: 45.483 ng

RT: 3.76 min Scan# 115

Delta R.T. -0.01 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

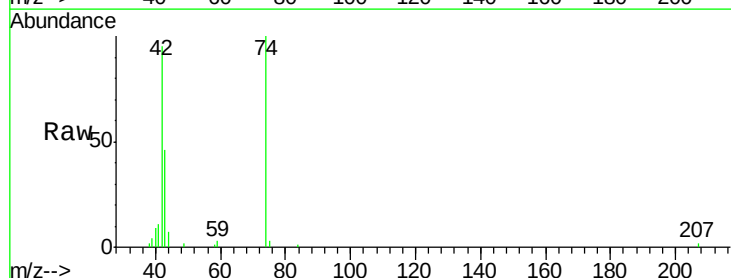
Tgt Ion: 42 Resp: 17912

Ion Ratio Lower Upper

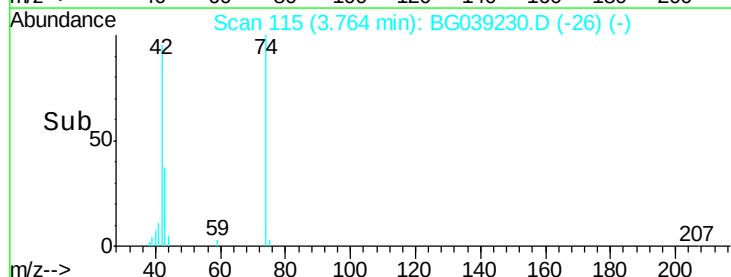
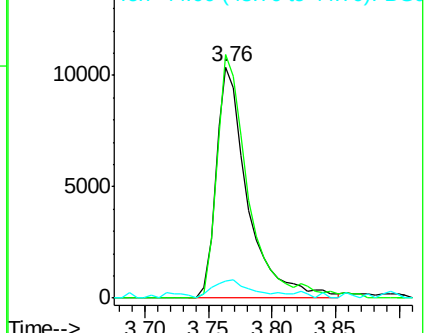
42 100

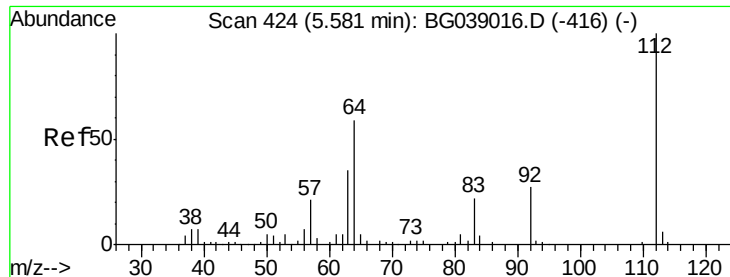
74 105.3 90.7 136.1

44 7.6 6.5 9.7



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: 159.473 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB116511BS

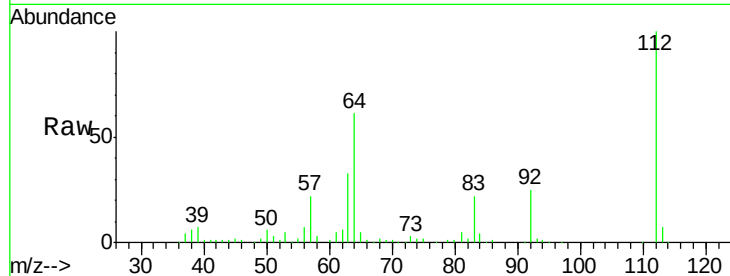
Tgt Ion: 112 Resp: 131161

Ion Ratio Lower Upper

112 100

64 61.4 47.0 70.6

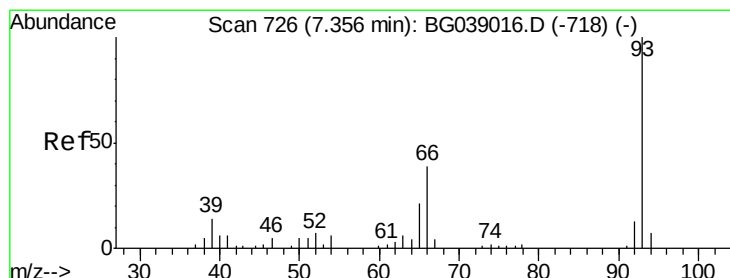
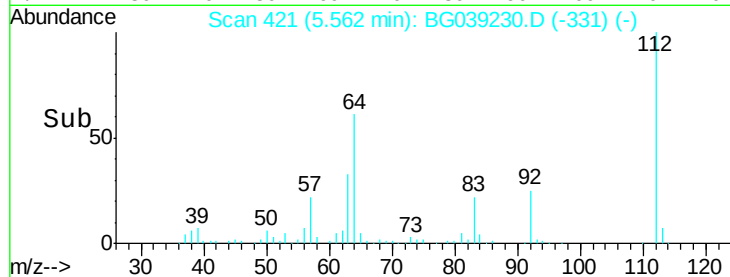
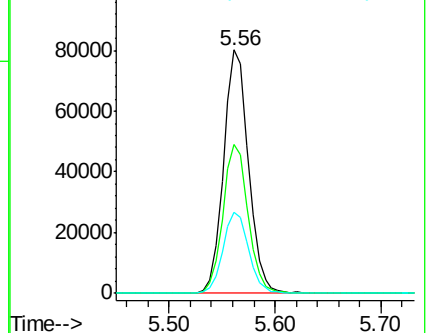
63 33.3 28.0 42.0



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: 31.320 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

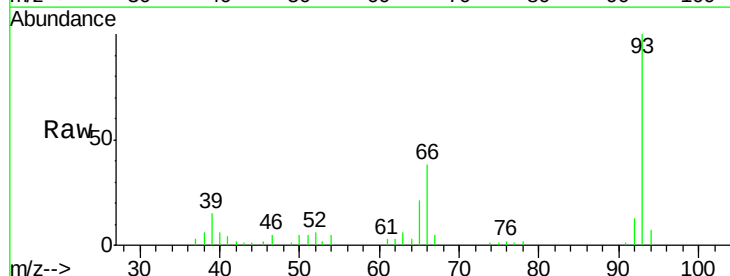
Tgt Ion: 93 Resp: 44522

Ion Ratio Lower Upper

93 100

66 38.2 30.9 46.3

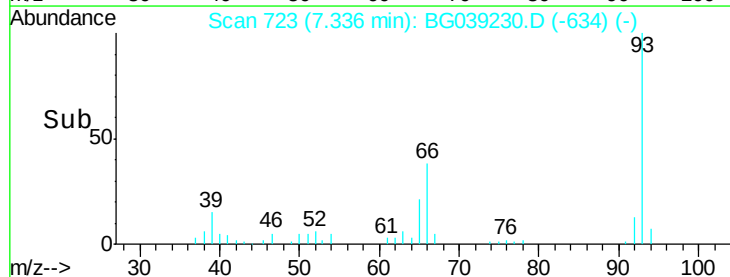
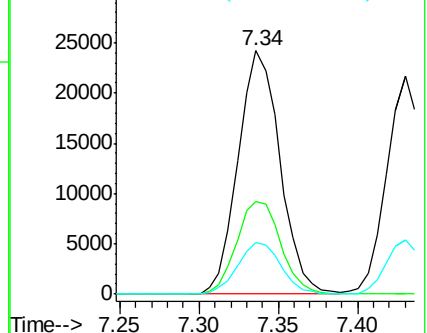
65 21.2 17.0 25.4

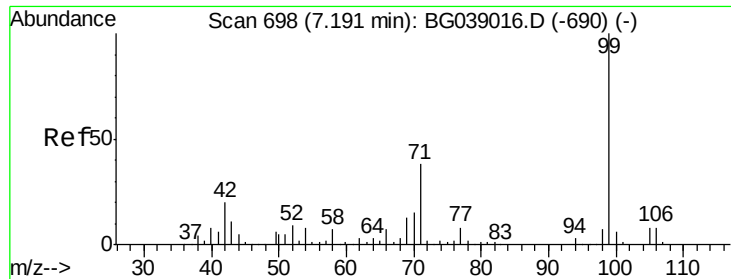


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 151.876 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

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PB116511BS

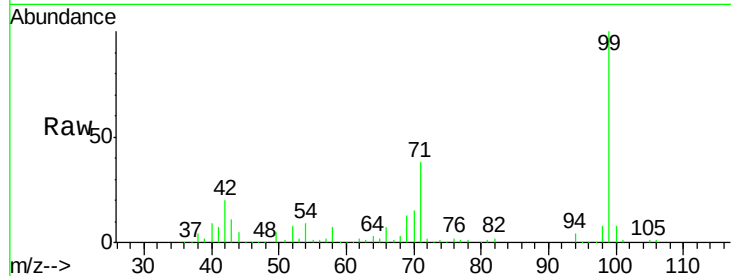
Tgt Ion: 99 Resp: 179766

Ion Ratio Lower Upper

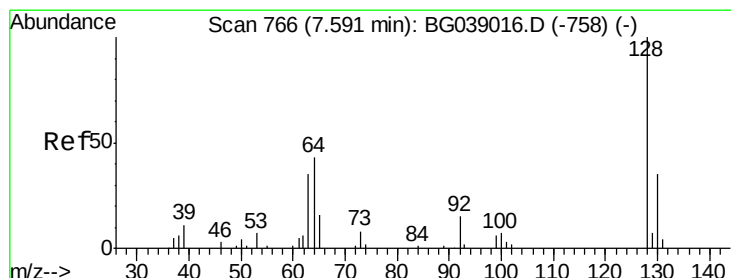
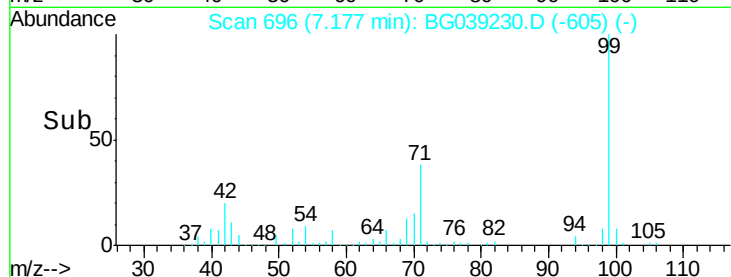
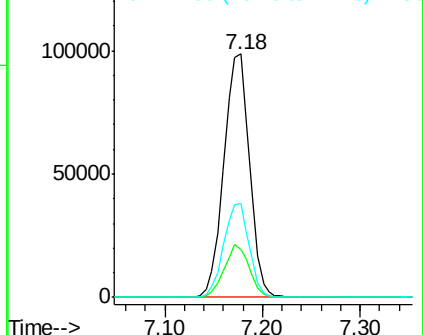
99 100

42 19.9 15.8 23.6

71 38.5 30.2 45.4



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: 44.585 ng

RT: 7.57 min Scan# 763

Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

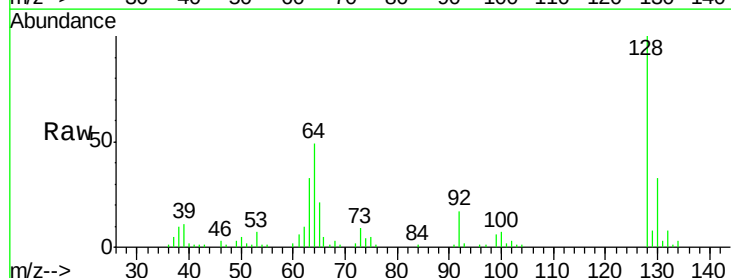
Tgt Ion: 128 Resp: 43226

Ion Ratio Lower Upper

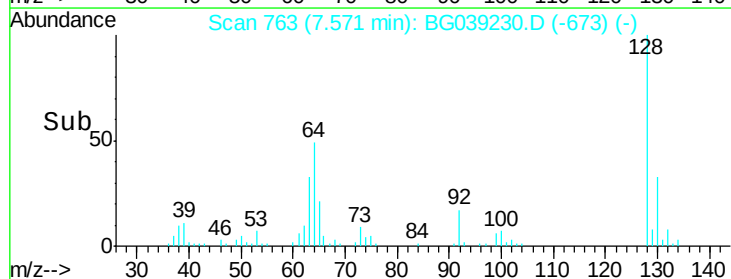
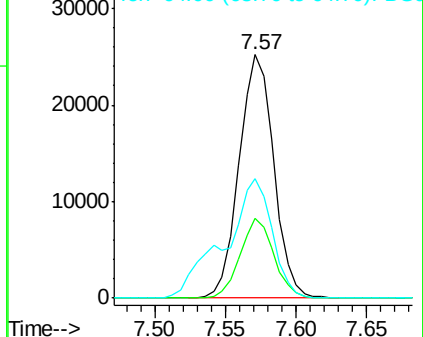
128 100

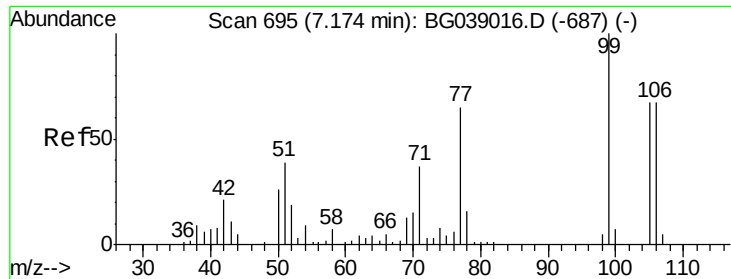
130 32.8 14.5 54.5

64 49.2 27.3 67.3



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: 11.468 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB116511BS

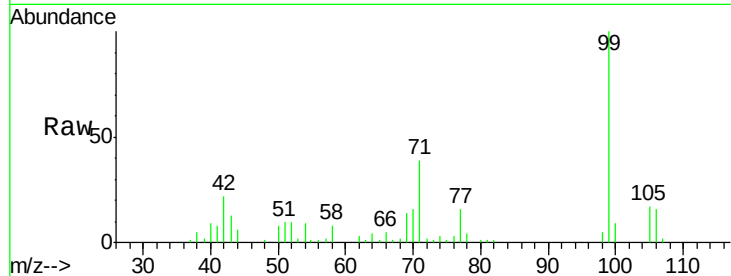
Tgt Ion: 77 Resp: 7828

Ion Ratio Lower Upper

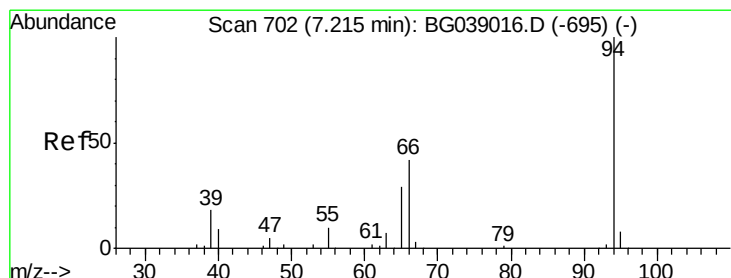
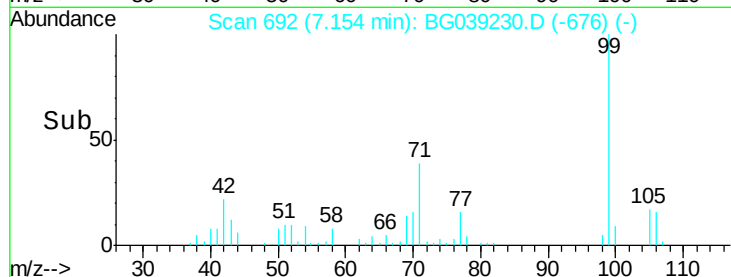
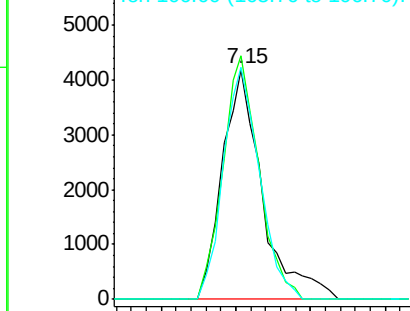
77 100

105 106.0 82.4 122.4

106 100.9 82.8 122.8



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: 45.290 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

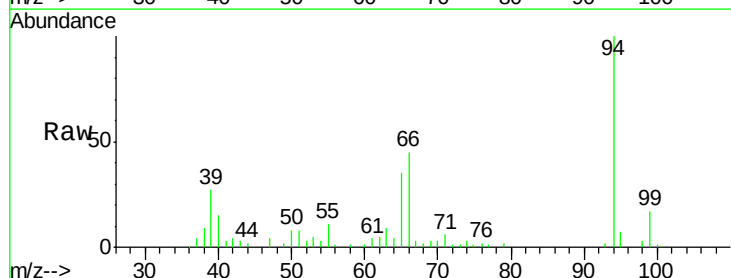
Tgt Ion: 94 Resp: 53745

Ion Ratio Lower Upper

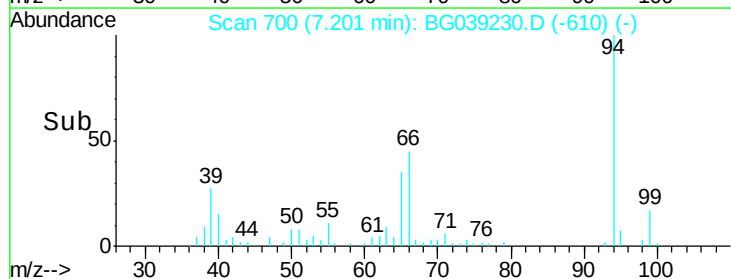
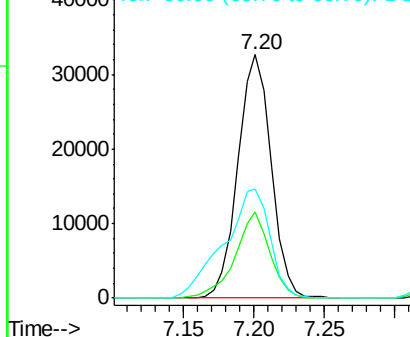
94 100

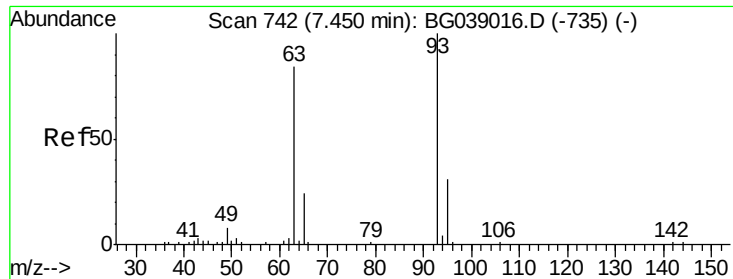
65 35.2 10.3 50.3

66 45.0 25.1 65.1



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: 37.853 ng

RT: 7.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB116511BS

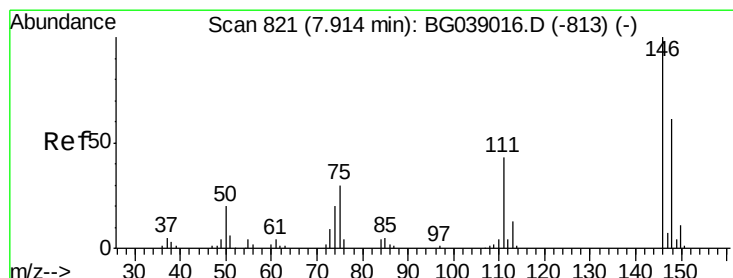
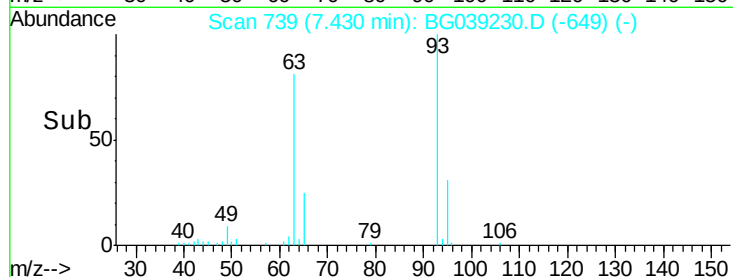
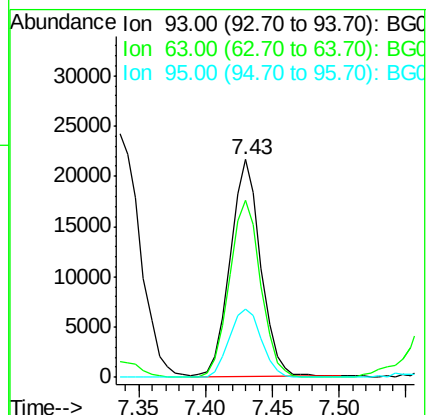
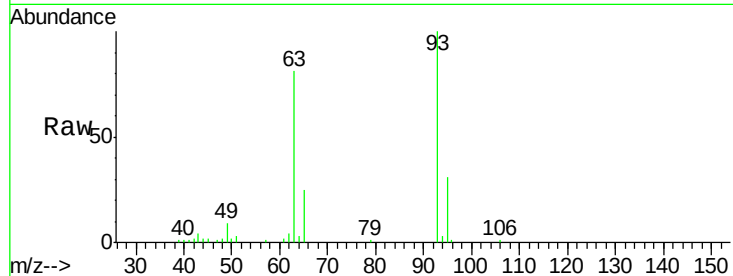
Tgt Ion: 93 Resp: 34332

Ion Ratio Lower Upper

93 100

63 81.2 63.2 103.2

95 31.2 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 36.829 ng

RT: 7.89 min Scan# 818

Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

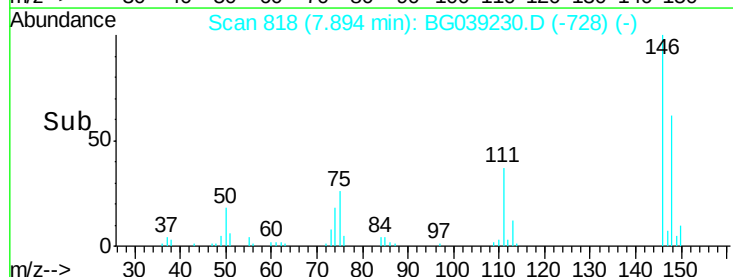
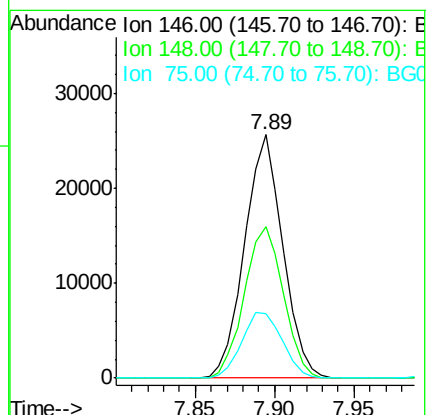
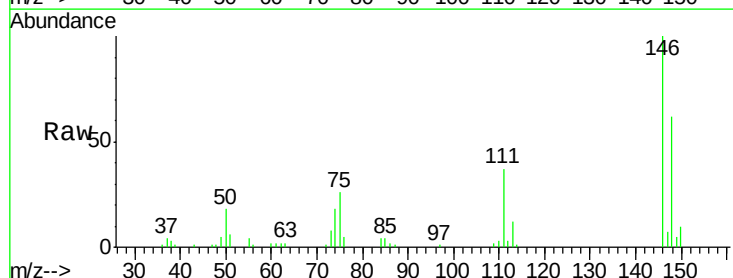
Tgt Ion: 146 Resp: 42780

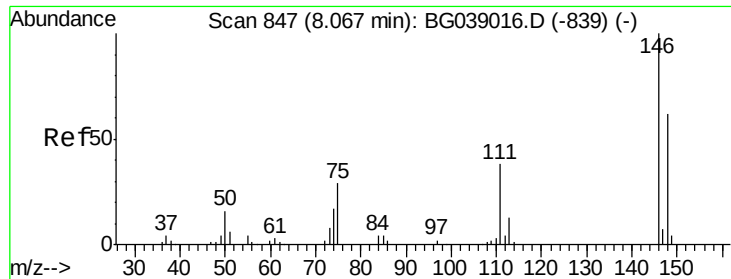
Ion Ratio Lower Upper

146 100

148 62.1 49.1 73.7

75 26.3 23.9 35.9

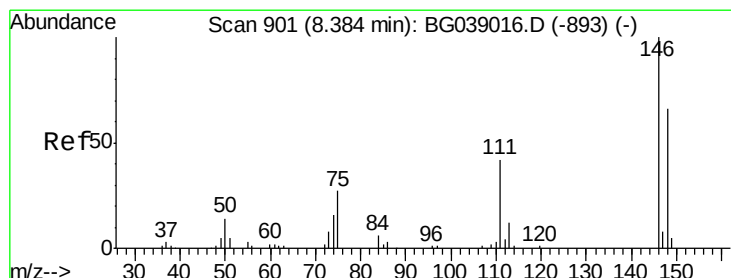
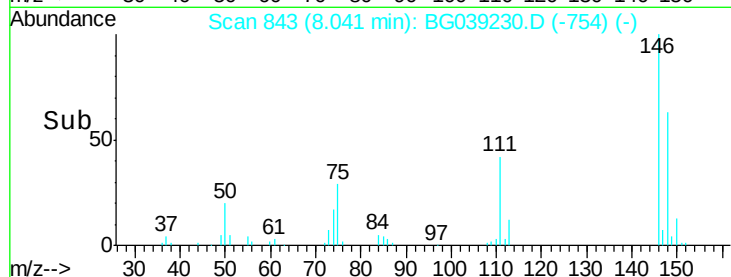
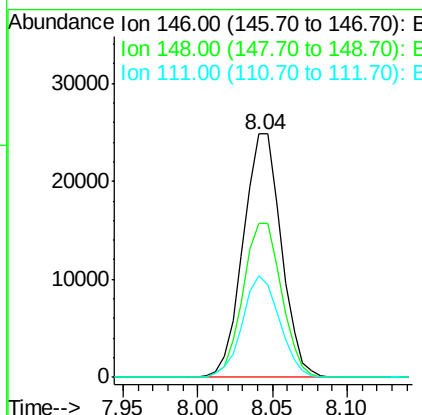
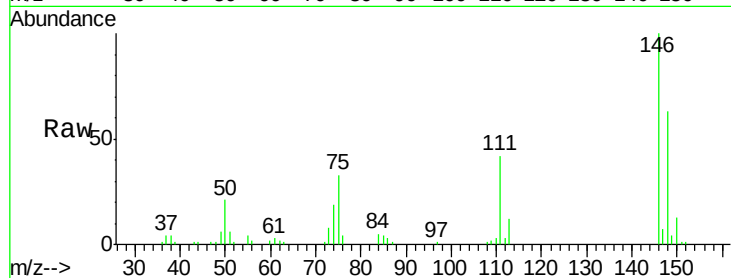




#13
 1,4-Dichlorobenzene
 Concen: 37.305 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

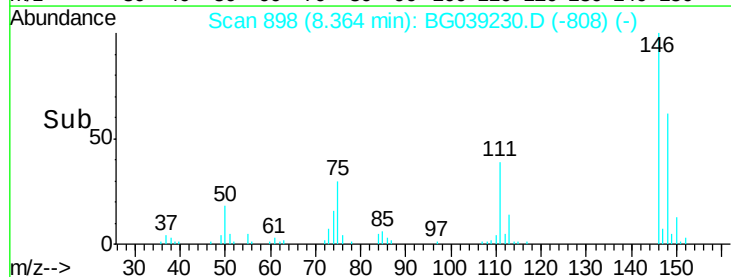
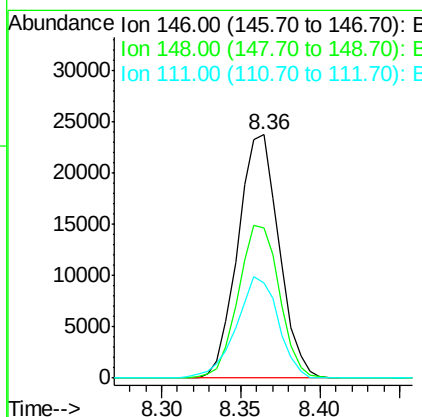
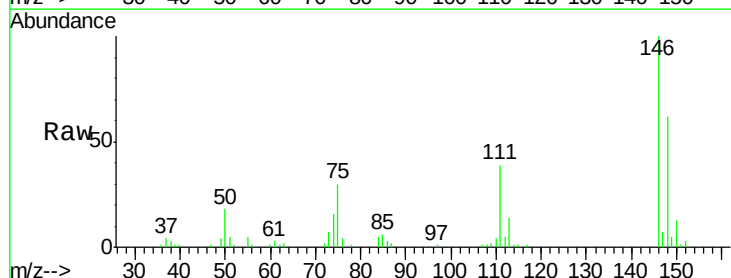
Instrument :
 BNA_G
 ClientSampleId :
 PB116511BS

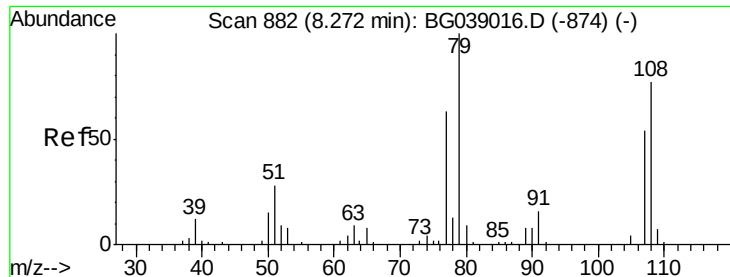
Tgt Ion:146 Resp: 43887
 Ion Ratio Lower Upper
 146 100
 148 63.3 49.8 74.6
 111 41.6 30.6 45.8



#14
 1,2-Dichlorobenzene
 Concen: 38.128 ng
 RT: 8.36 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

Tgt Ion:146 Resp: 42768
 Ion Ratio Lower Upper
 146 100
 148 61.9 52.6 79.0
 111 39.3 34.6 51.8





#15

Benzyl Alcohol

Concen: 42.734 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.01 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB116511BS

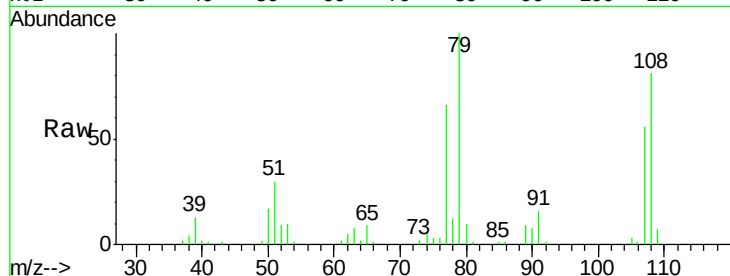
Tgt Ion: 79 Resp: 38092

Ion Ratio Lower Upper

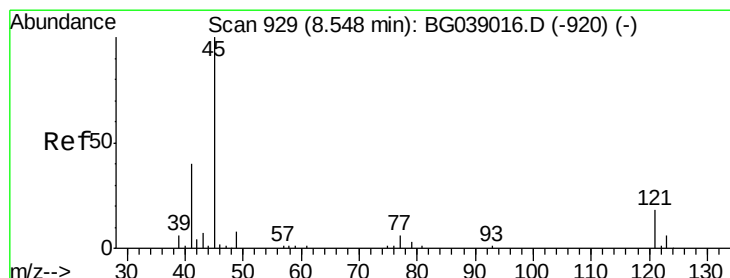
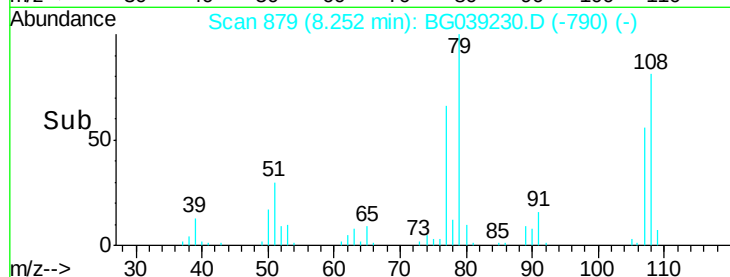
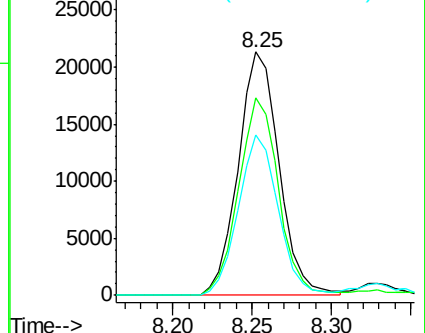
79 100

108 81.2 62.0 93.0

77 65.9 50.1 75.1



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.352 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

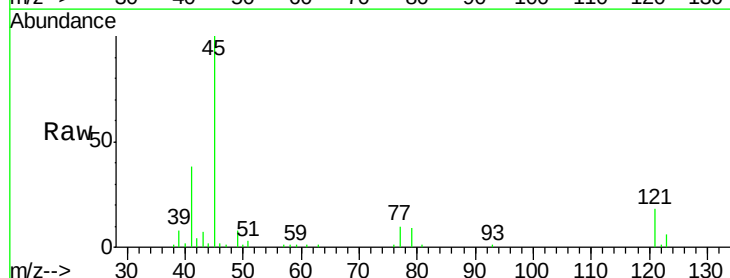
Tgt Ion: 45 Resp: 70178

Ion Ratio Lower Upper

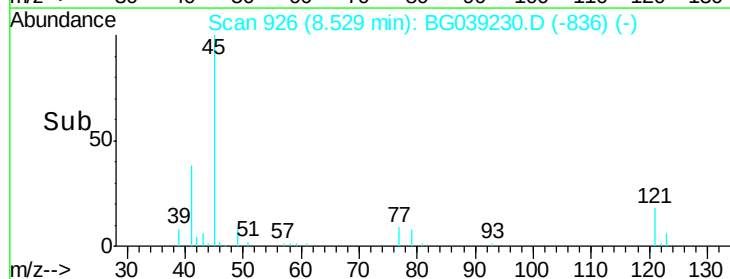
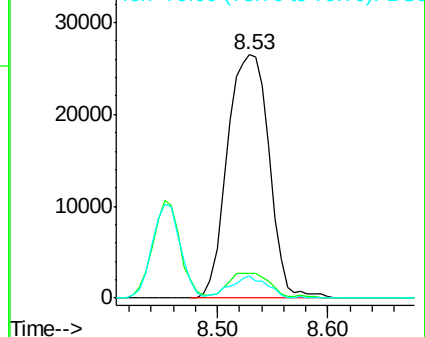
45 100

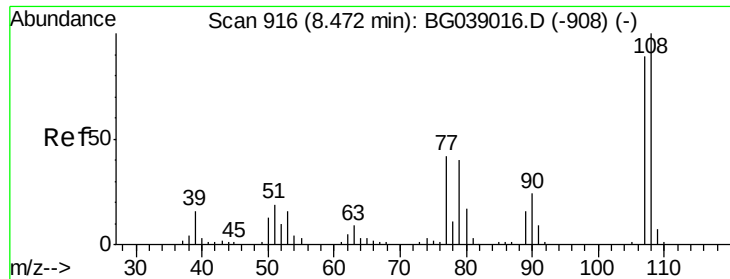
77 10.2 0.0 30.7

79 8.9 0.0 28.5



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

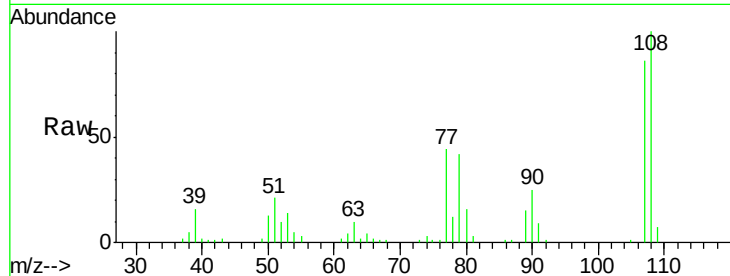




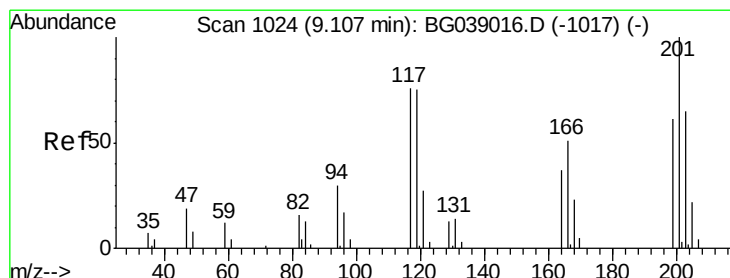
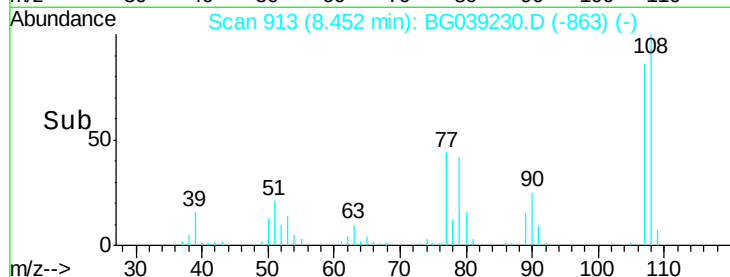
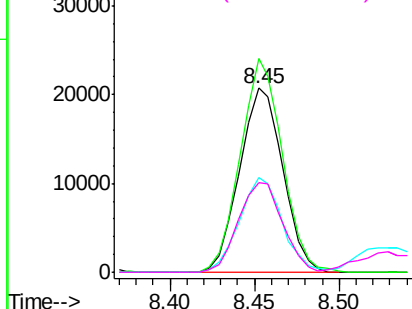
#17
2-Methylphenol
Concen: 44.682 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.00 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB116511BS

Tgt Ion:107 Resp: 36818
Ion Ratio Lower Upper
107 100
108 116.2 90.3 135.5
77 51.4 38.3 57.5
79 49.1 35.8 53.6

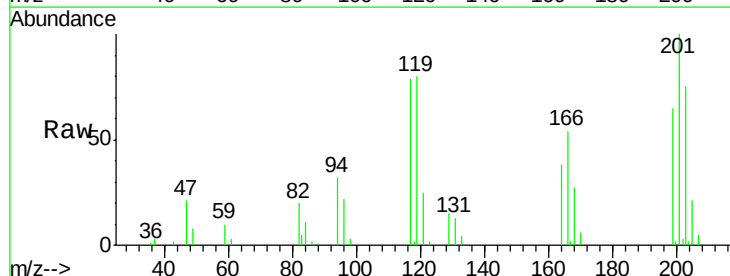


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

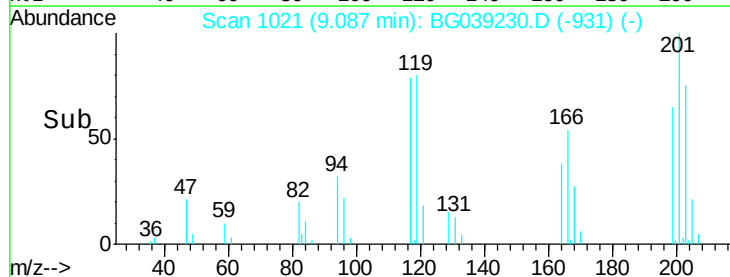
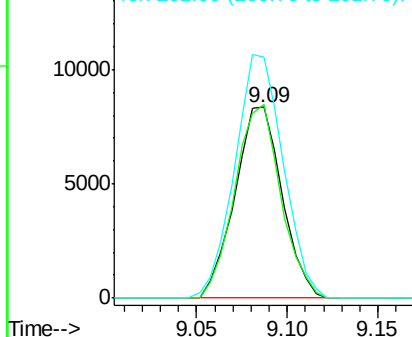


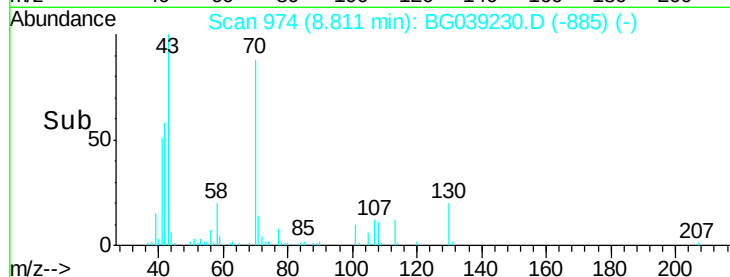
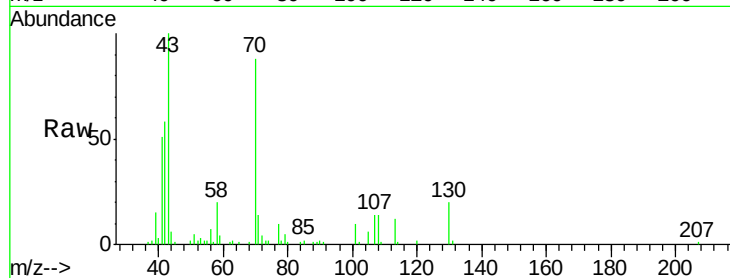
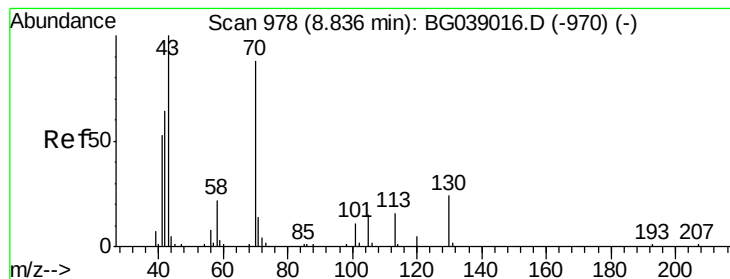
#18
Hexachloroethane
Concen: 37.834 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Tgt Ion:117 Resp: 15121
Ion Ratio Lower Upper
117 100
119 101.3 78.7 118.1
201 126.5 108.1 162.1



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: 38.768 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.01 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB116511BS

Tgt Ion: 70 Resp: 30133

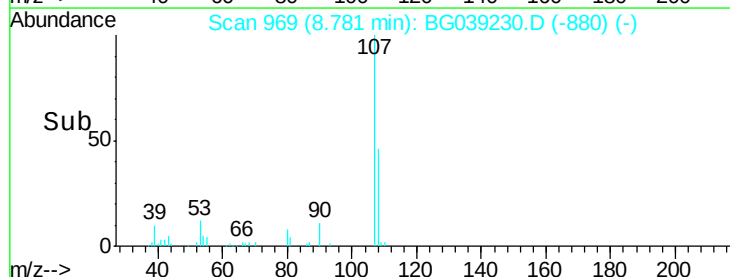
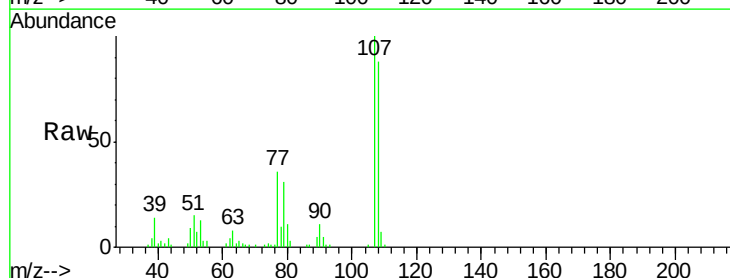
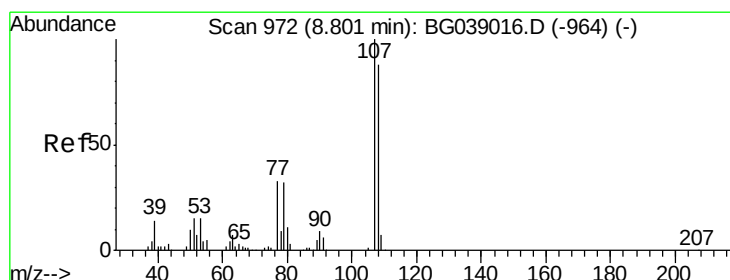
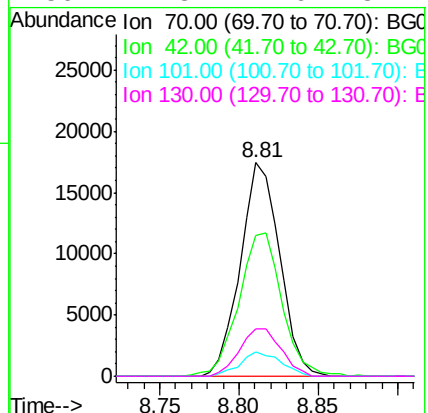
Ion Ratio Lower Upper

70 100

42 66.1 59.0 88.4

101 11.6 10.4 15.6

130 22.3 21.6 32.4



#20

3+4-Methylphenols

Concen: 43.532 ng

RT: 8.78 min Scan# 969

Delta R.T. -0.01 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Tgt Ion: 107 Resp: 51142

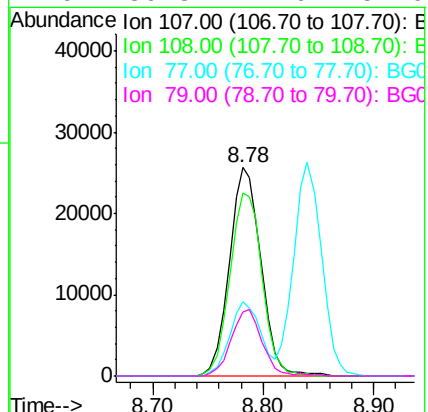
Ion Ratio Lower Upper

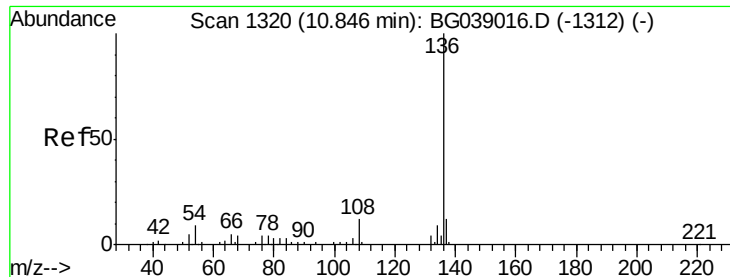
107 100

108 87.9 68.4 108.4

77 35.6 13.3 53.3

79 30.8 11.6 51.6

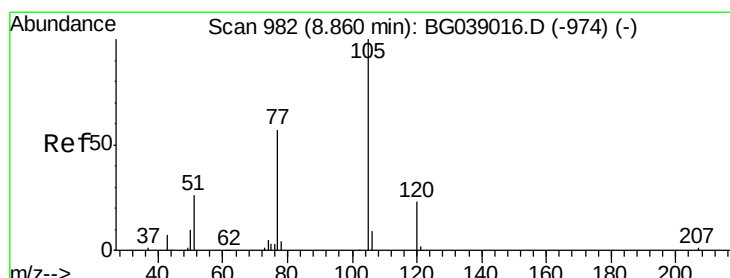
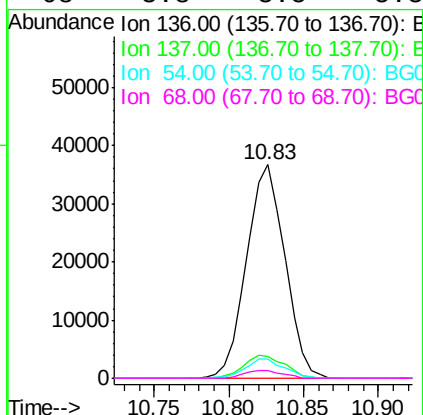
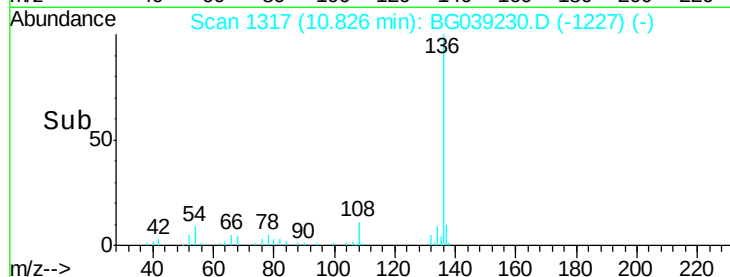
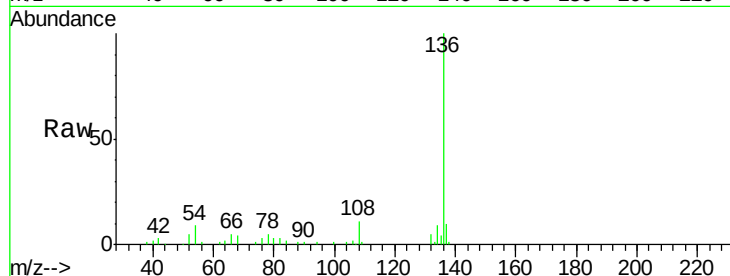




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

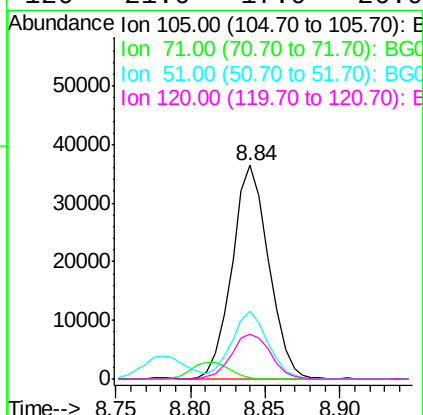
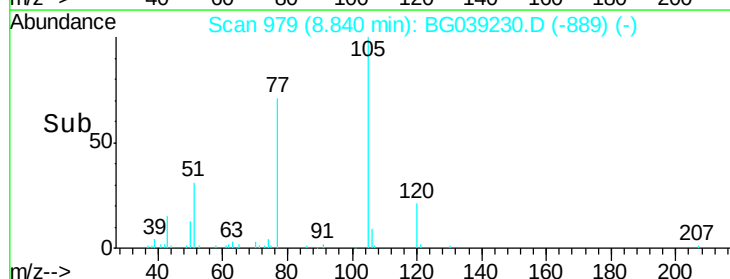
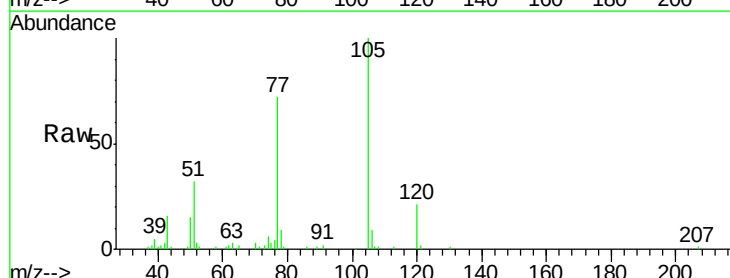
Instrument :
BNA_G
ClientSampleId :
PB116511BS

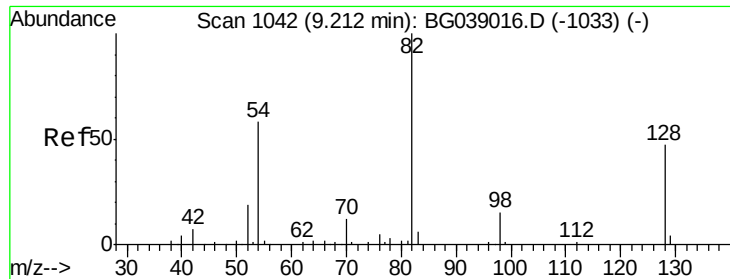
Tgt Ion:	136	Resp:	65075
Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.4	14.2
54	9.3	7.2	10.8
68	3.8	3.5	5.3



#22
Acetophenone
Concen: 36.741 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Tgt Ion:	105	Resp:	62439
Ion	Ratio	Lower	Upper
105	100		
71	0.7	0.6	1.0
51	31.7	26.6	39.8
120	21.0	17.9	26.9

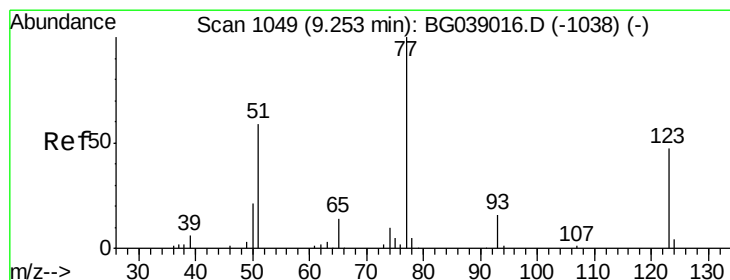
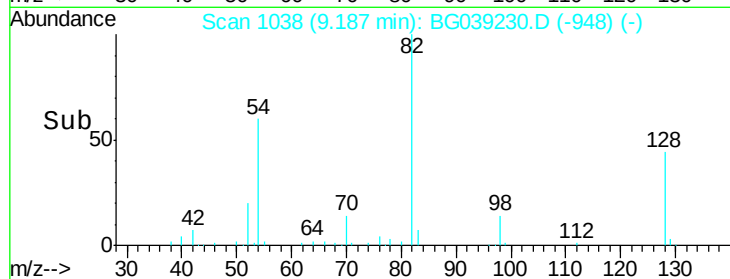
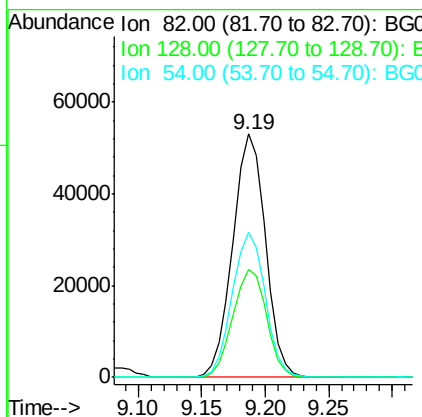
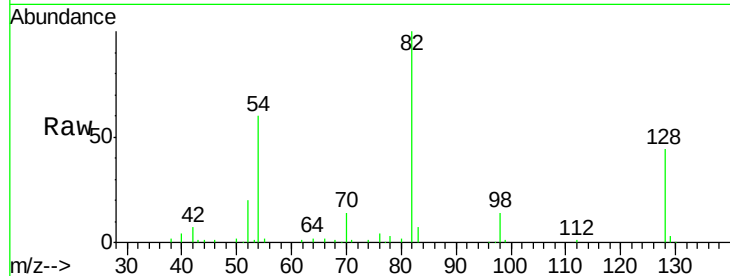




#23
 Nitrobenzene-d5
 Concen: 79.853 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

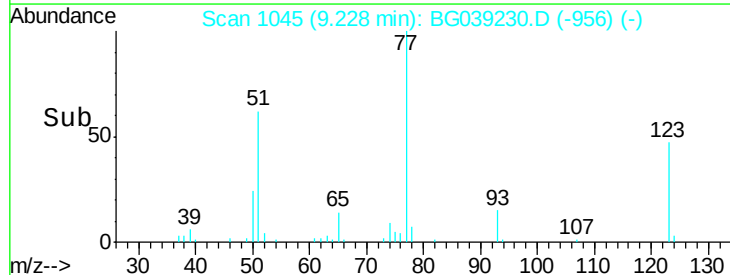
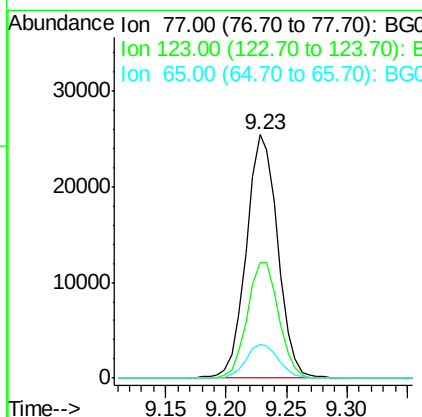
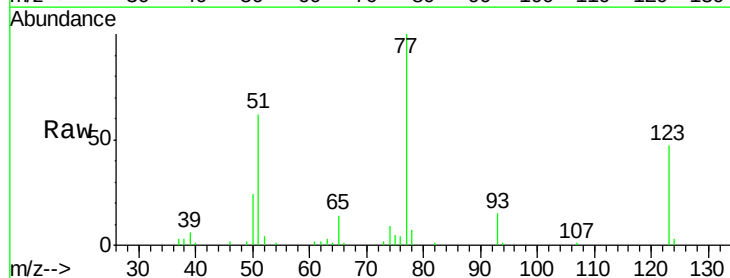
Instrument :
 BNA_G
 ClientSampleId :
 PB116511BS

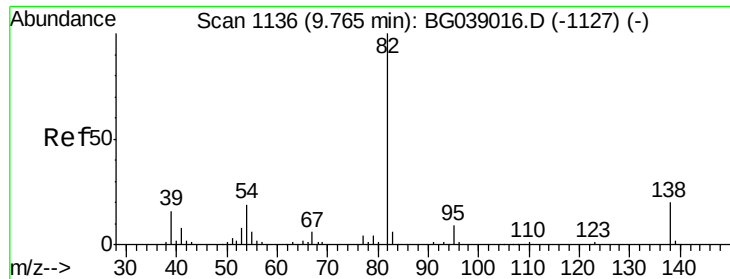
Tgt Ion: 82 Resp: 94965
 Ion Ratio Lower Upper
 82 100
 128 44.1 37.3 55.9
 54 59.8 46.4 69.6



#24
 Nitrobenzene
 Concen: 38.440 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

Tgt Ion: 77 Resp: 46207
 Ion Ratio Lower Upper
 77 100
 123 47.4 37.6 56.4
 65 13.9 11.0 16.6





#25

Isophorone

Concen: 42.197 ng

RT: 9.74 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB116511BS

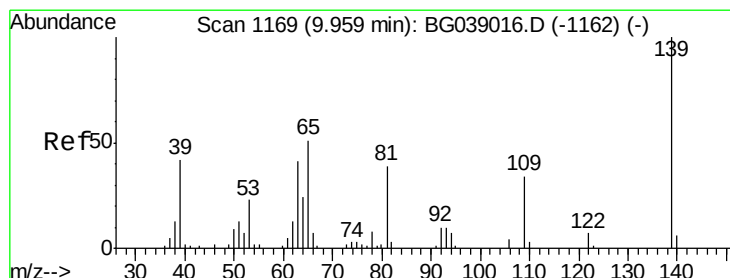
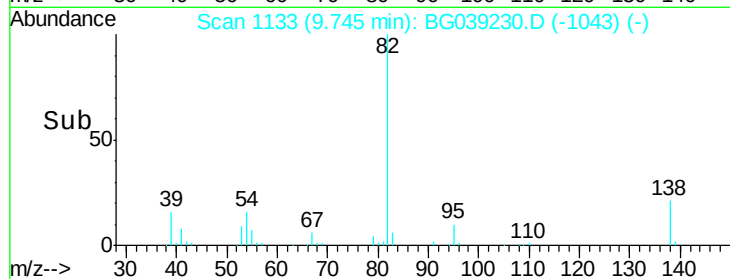
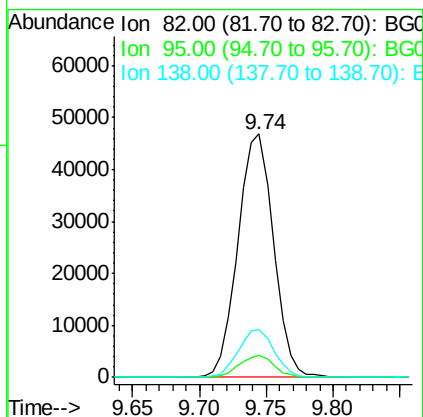
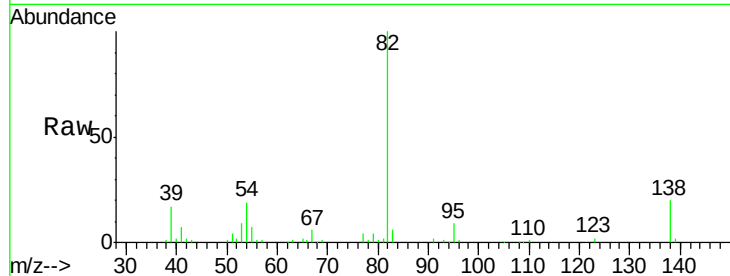
Tgt Ion: 82 Resp: 86443

Ion Ratio Lower Upper

82 100

95 9.2 7.0 10.6

138 19.7 16.2 24.4



#26

2-Nitrophenol

Concen: 39.427 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

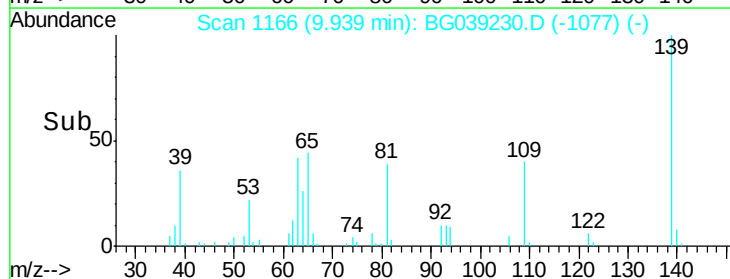
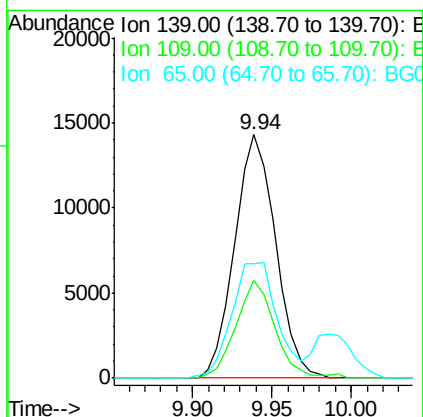
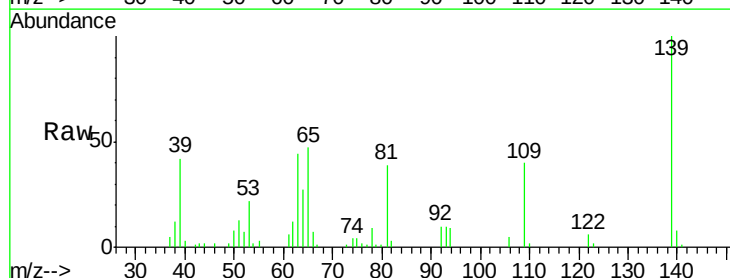
Tgt Ion: 139 Resp: 25635

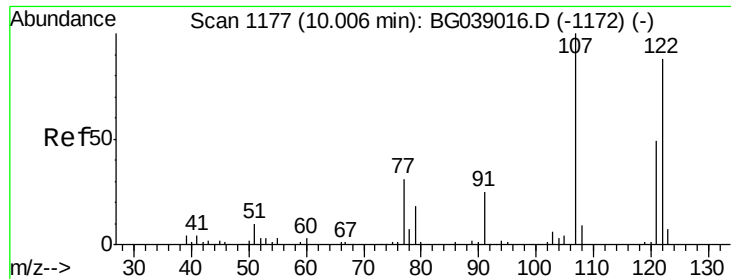
Ion Ratio Lower Upper

139 100

109 40.4 27.3 40.9

65 47.0 40.6 61.0

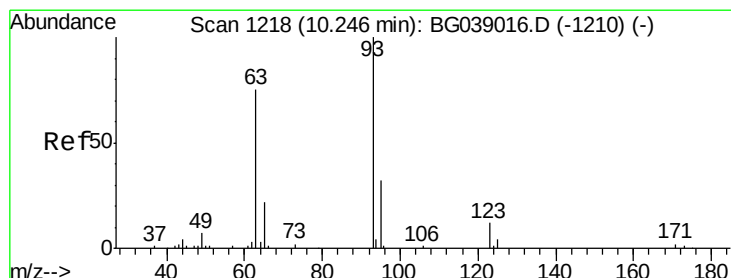
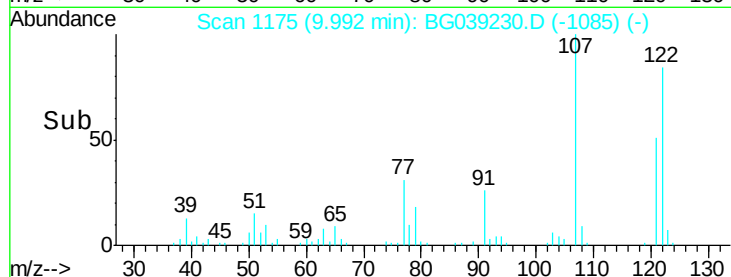
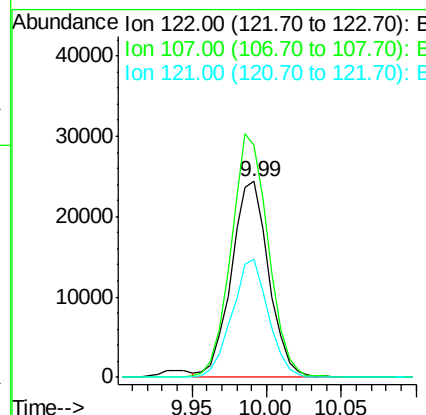
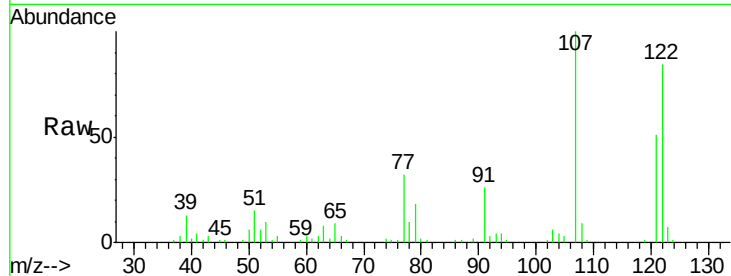




#27
2,4-Dimethylphenol
Concen: 46.619 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

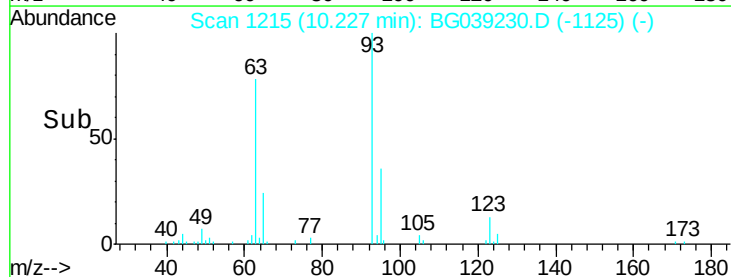
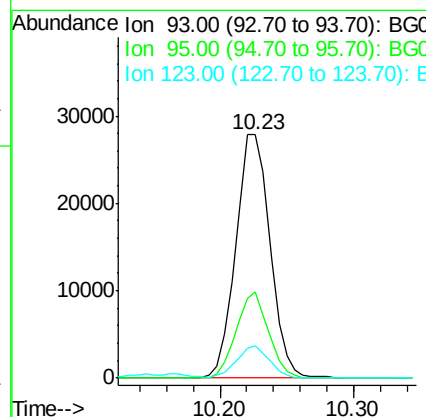
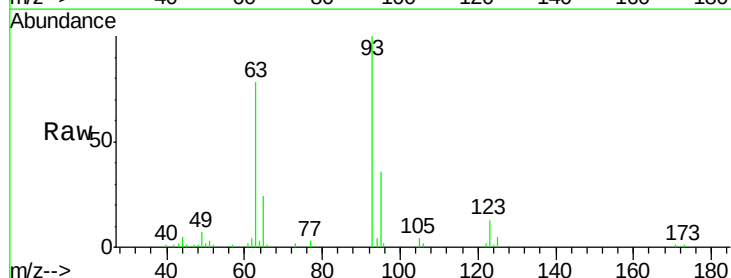
Instrument :
BNA_G
ClientSampleId :
PB116511BS

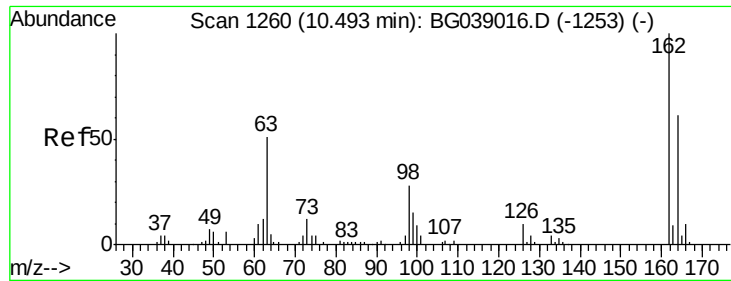
Tgt Ion:122 Resp: 42644
Ion Ratio Lower Upper
122 100
107 118.4 88.8 133.2
121 60.4 43.1 64.7



#28
bis(2-Chloroethoxy)methane
Concen: 40.320 ng
RT: 10.23 min Scan# 1215
Delta R.T. -0.00 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Tgt Ion: 93 Resp: 49641
Ion Ratio Lower Upper
93 100
95 35.5 25.6 38.4
123 13.5 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 44.488 ng

RT: 10.47 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB116511BS

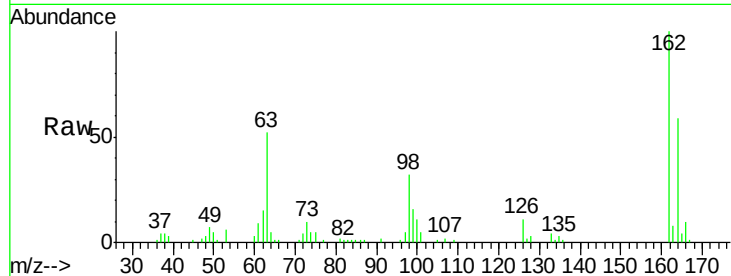
Tgt Ion:162 Resp: 50556

Ion Ratio Lower Upper

162 100

164 59.0 41.3 81.3

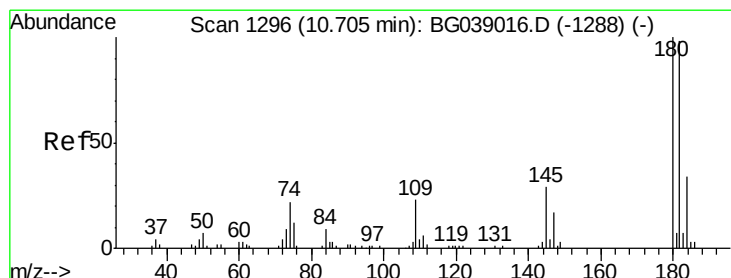
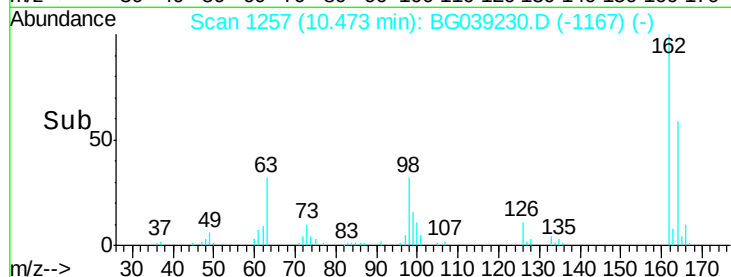
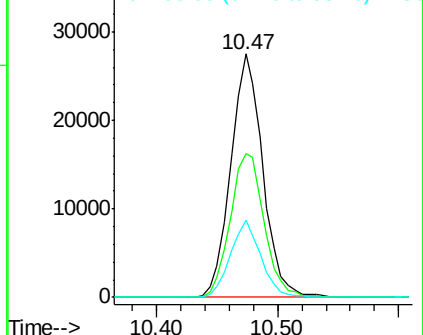
98 31.6 8.3 48.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 37.496 ng

RT: 10.68 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

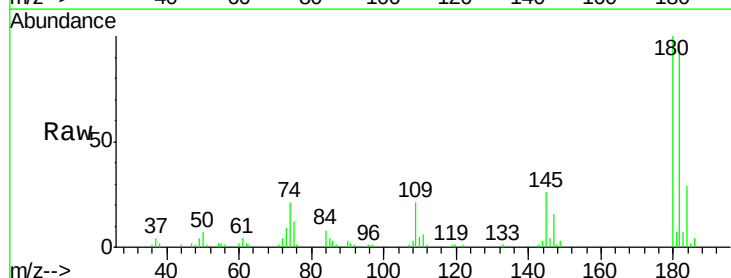
Tgt Ion:180 Resp: 51197

Ion Ratio Lower Upper

180 100

182 95.9 78.1 117.1

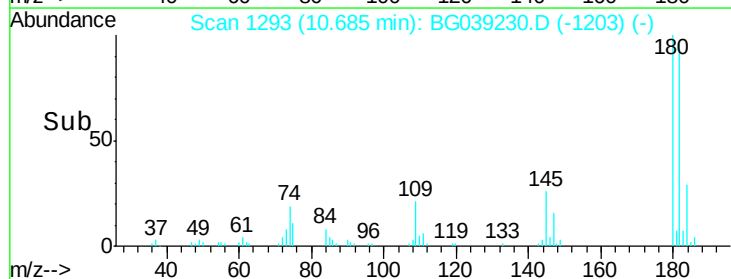
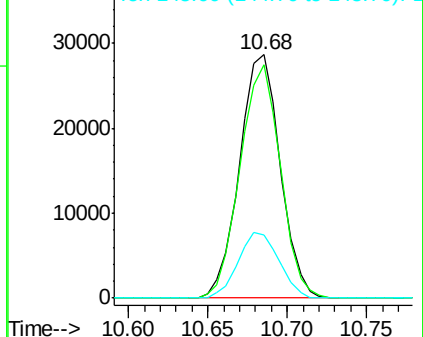
145 25.9 23.1 34.7

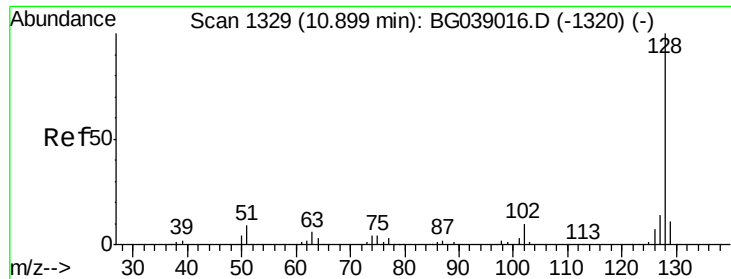


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

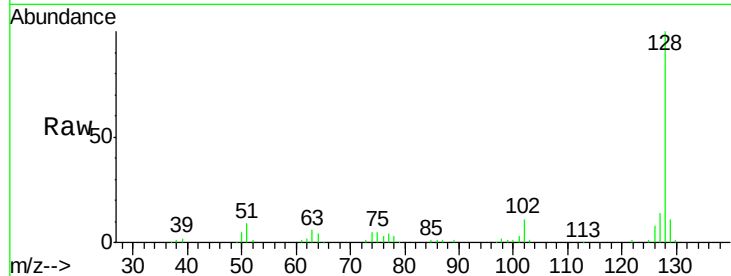




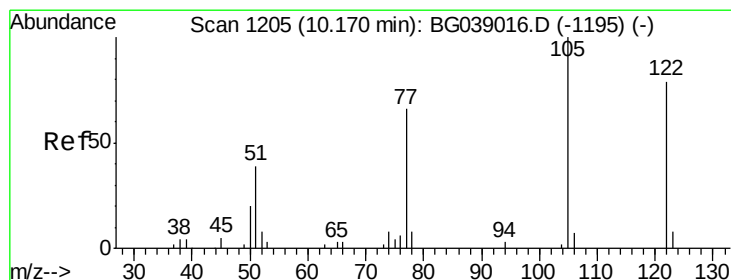
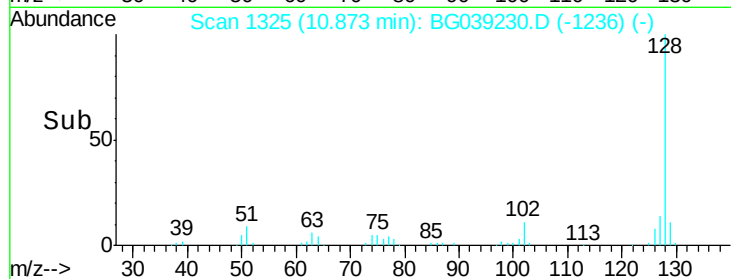
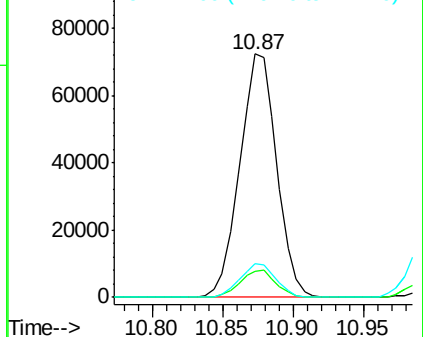
#31
Naphthalene
Concen: 40.570 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB116511BS

Tgt Ion:128 Resp: 132411
Ion Ratio Lower Upper
128 100
129 10.8 9.1 13.7
127 13.6 11.2 16.8

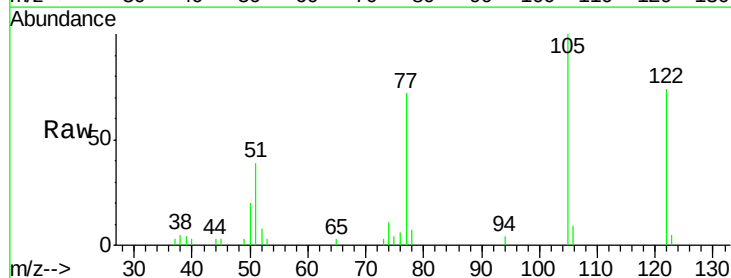


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

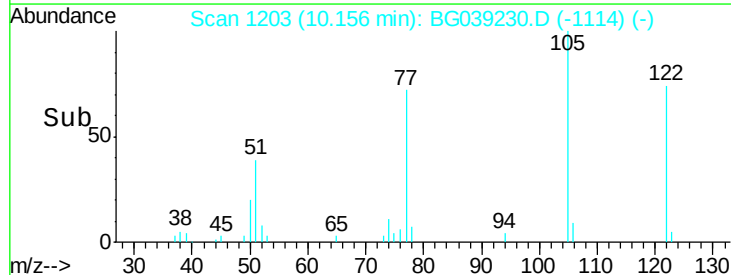
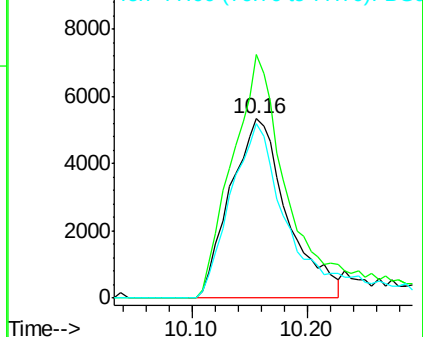


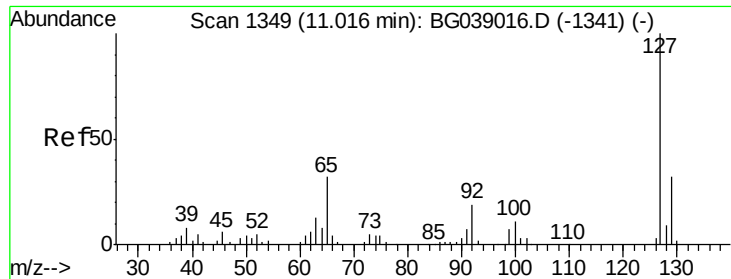
#32
Benzoic acid
Concen: 35.463 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Tgt Ion:122 Resp: 18223
Ion Ratio Lower Upper
122 100
105 135.7 106.4 146.4
77 97.2 63.6 103.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

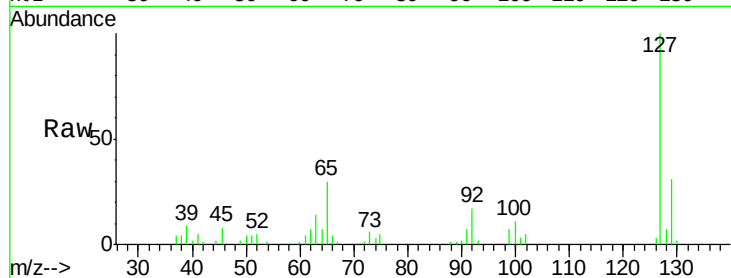




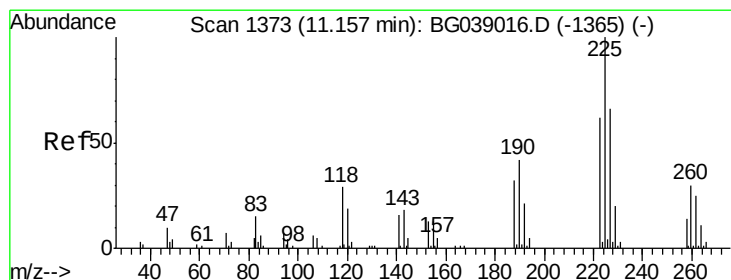
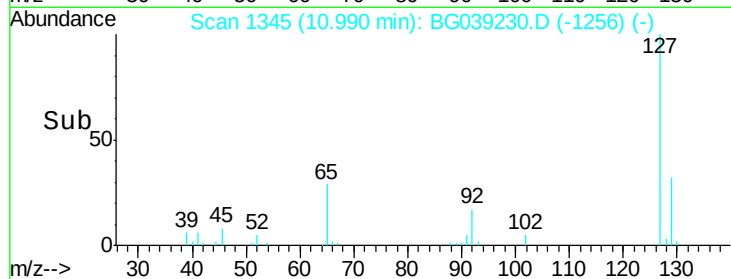
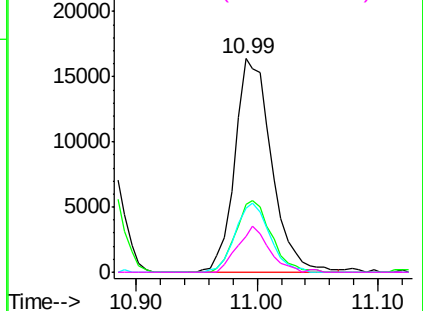
#33
4-Chloroaniline
Concen: 23.766 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB116511BS

Tgt Ion:	127	Resp:	34708
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.4	38.0
65	30.2	25.4	38.0
92	16.7	15.2	22.8

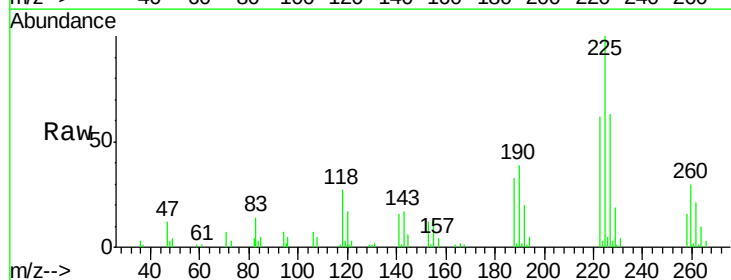


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

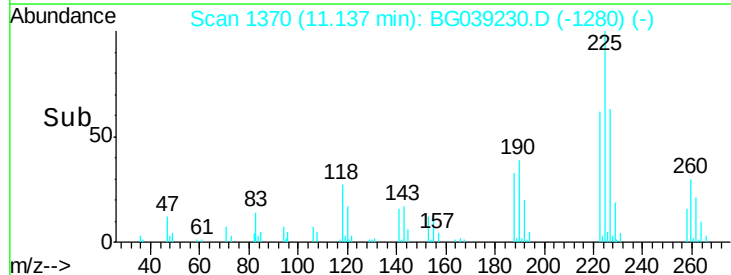
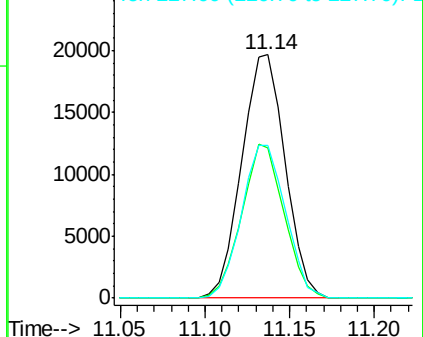


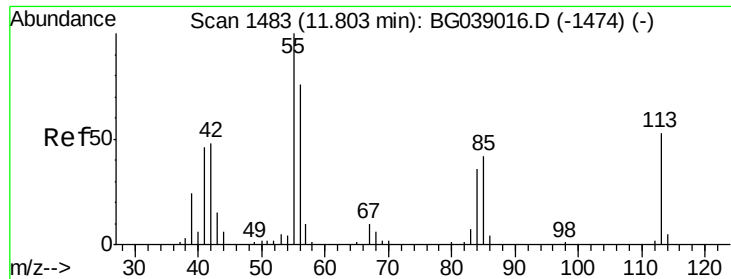
#34
Hexachlorobutadiene
Concen: 37.372 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Tgt Ion:	225	Resp:	35112
Ion	Ratio	Lower	Upper
225	100		
223	65.2	50.2	75.4
227	65.7	53.2	79.8



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: 17.744 ng

RT: 11.78 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB116511BS

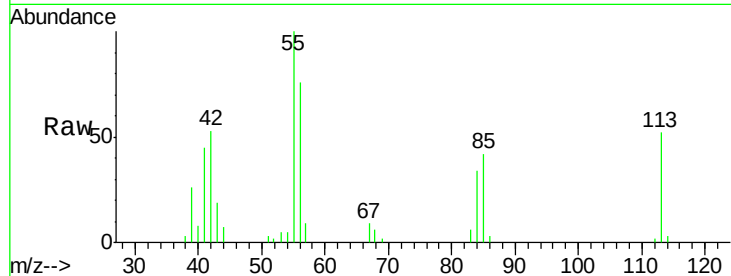
Tgt Ion:113 Resp: 8086

Ion Ratio Lower Upper

113 100

55 191.3 168.6 208.6

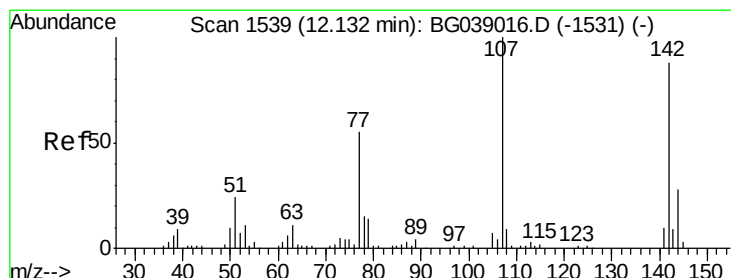
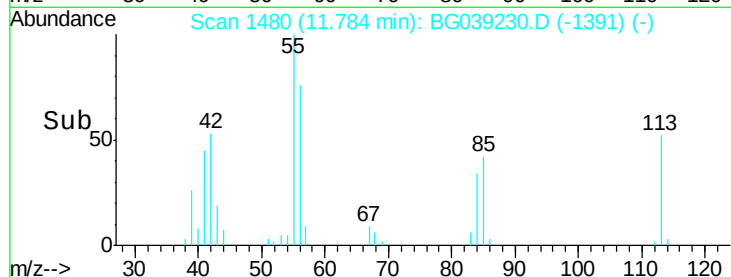
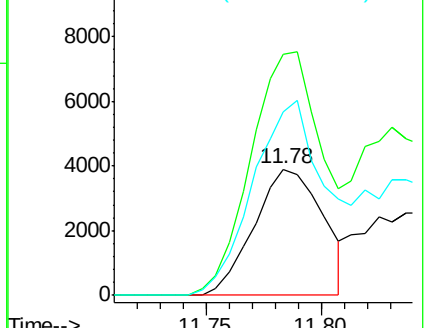
56 145.4 123.2 163.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 43.560 ng

RT: 12.11 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

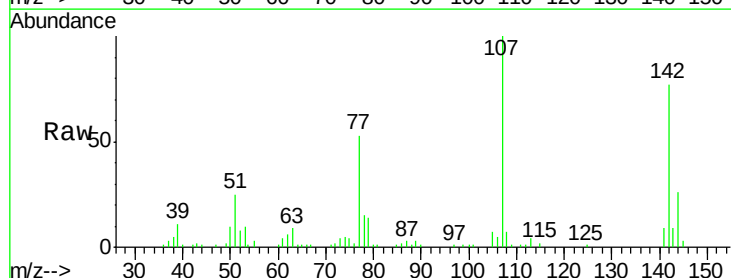
Tgt Ion:107 Resp: 52944

Ion Ratio Lower Upper

107 100

144 26.4 22.6 34.0

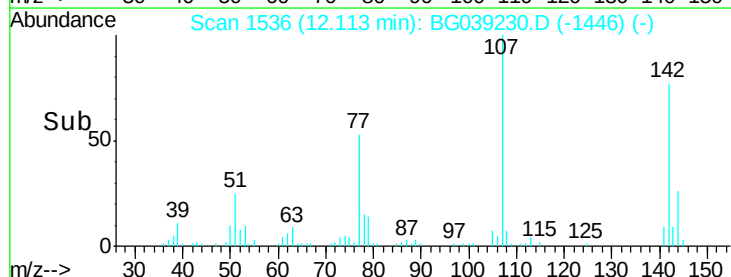
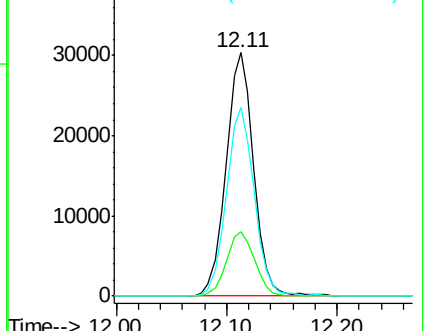
142 77.3 70.2 105.4

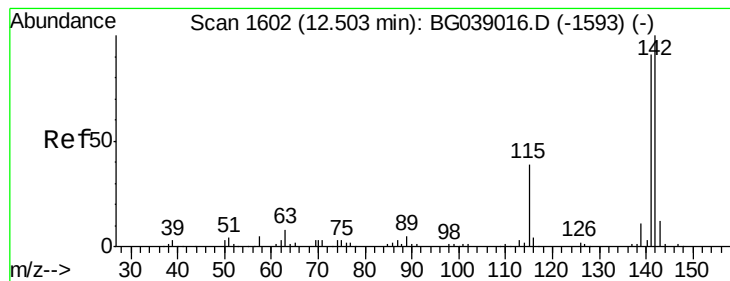


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.192 ng

RT: 12.48 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB116511BS

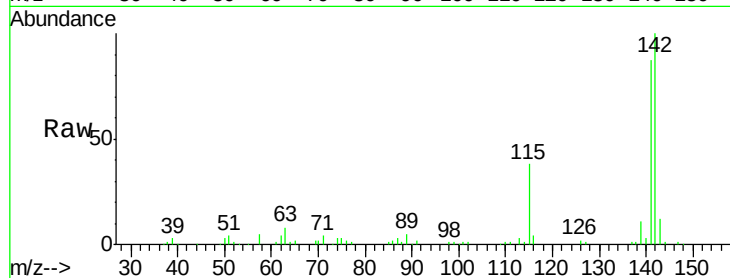
Tgt Ion:142 Resp: 103244

Ion Ratio Lower Upper

142 100

141 87.1 72.6 109.0

115 38.5 31.1 46.7



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

12.48

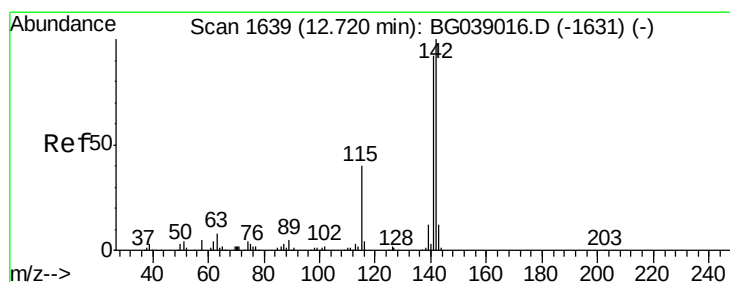
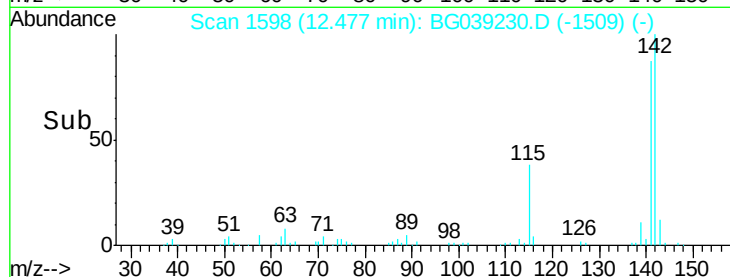
60000

40000

20000

0

Time-->



#38

1-Methylnaphthalene

Concen: 41.411 ng

RT: 12.70 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

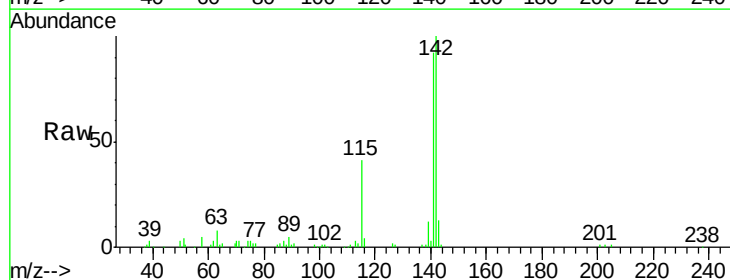
Tgt Ion:142 Resp: 97264

Ion Ratio Lower Upper

142 100

141 91.9 73.3 109.9

116 4.4 3.1 4.7



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

12.70

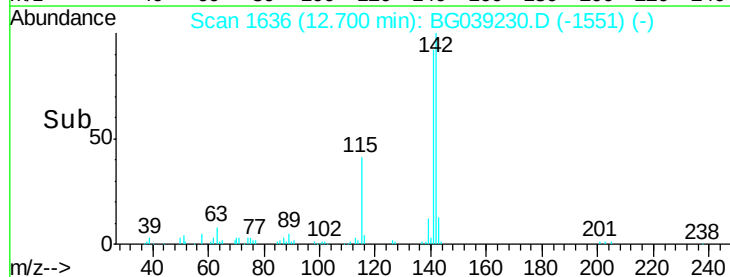
60000

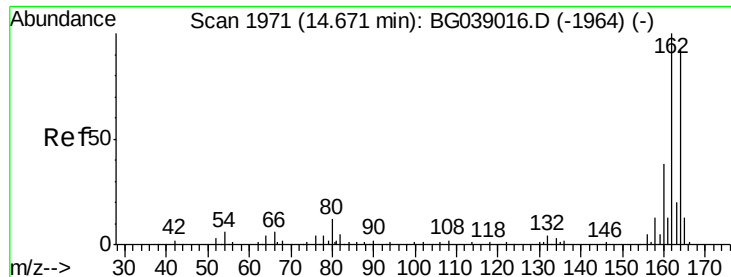
40000

20000

0

Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB116511BS

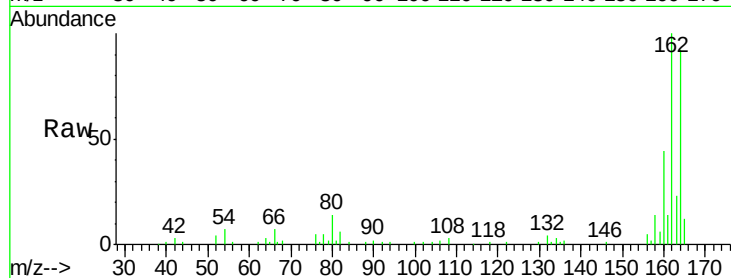
Tgt Ion:164 Resp: 48213

Ion Ratio Lower Upper

164 100

162 109.0 87.2 130.8

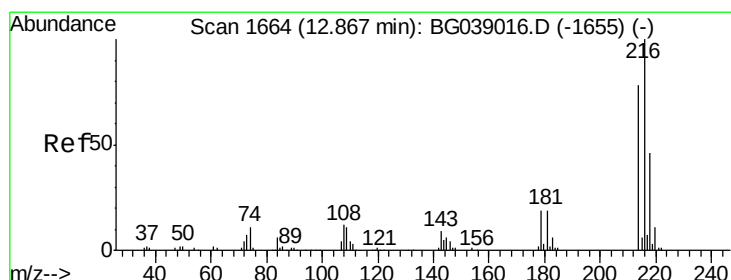
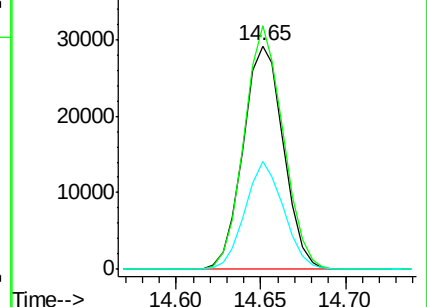
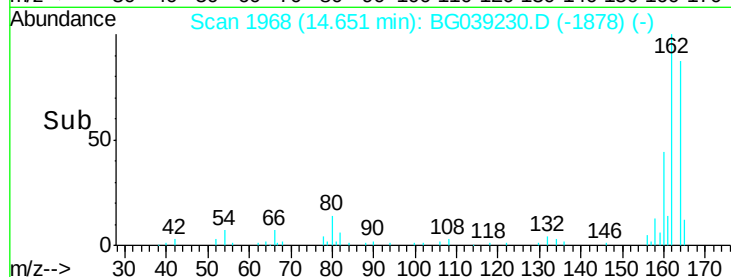
160 48.4 33.3 49.9



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: 36.662 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.01 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Tgt Ion:216 Resp: 66383

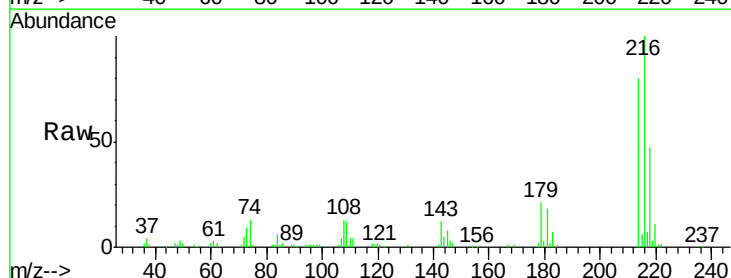
Ion Ratio Lower Upper

216 100

214 80.6 63.4 95.2

179 19.9 15.5 23.3

108 15.6 11.4 17.2

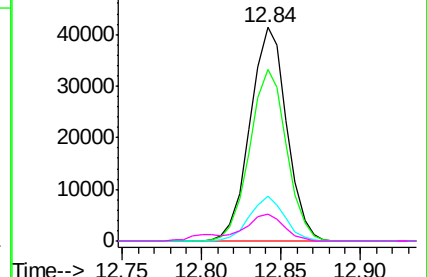
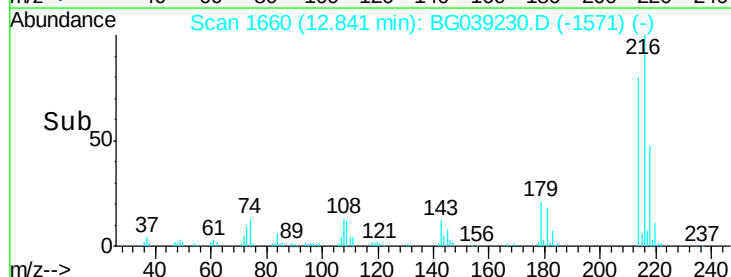


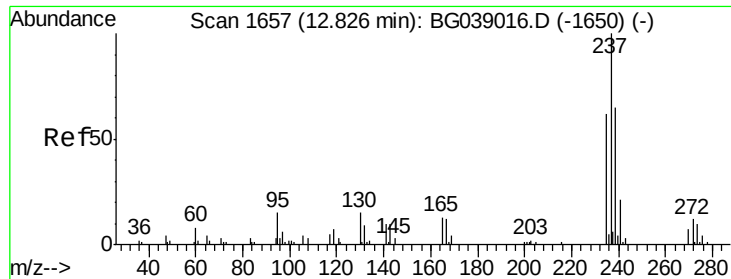
Abundance Ion 216.00 (215.70 to 216.70): E

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: 70.949 ng

RT: 12.81 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB116511BS

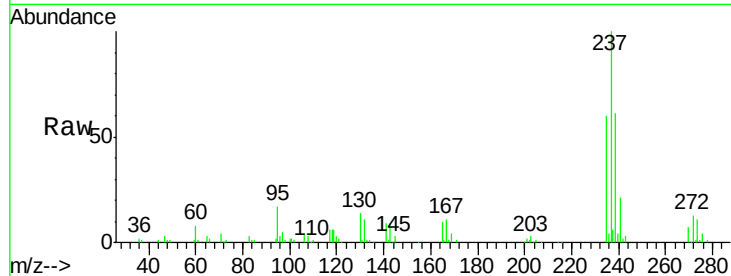
Tgt Ion: 237 Resp: 71640

Ion Ratio Lower Upper

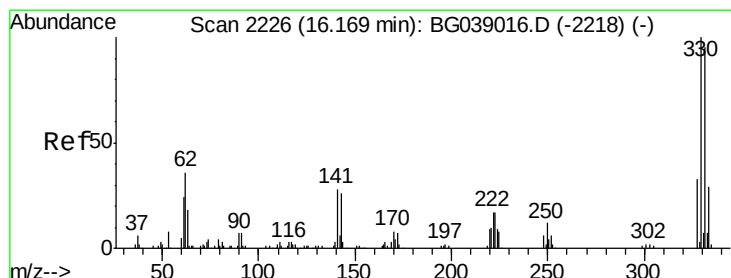
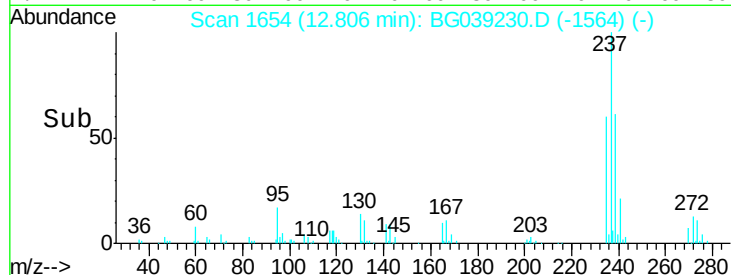
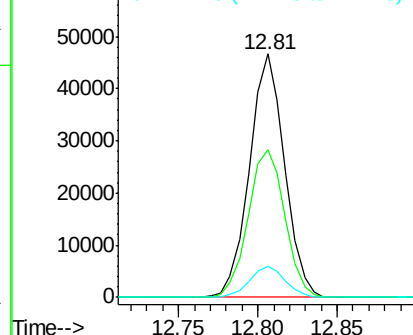
237 100

235 60.4 41.7 81.7

272 12.8 0.0 32.1



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: 143.726 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

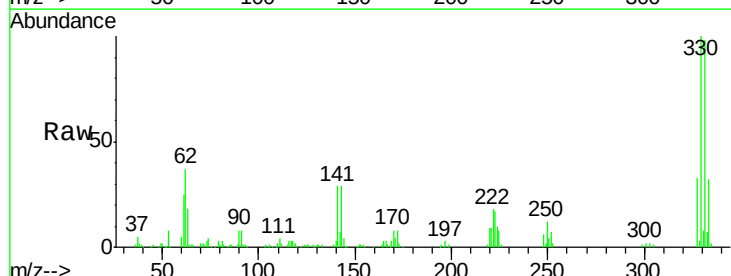
Tgt Ion: 330 Resp: 116157

Ion Ratio Lower Upper

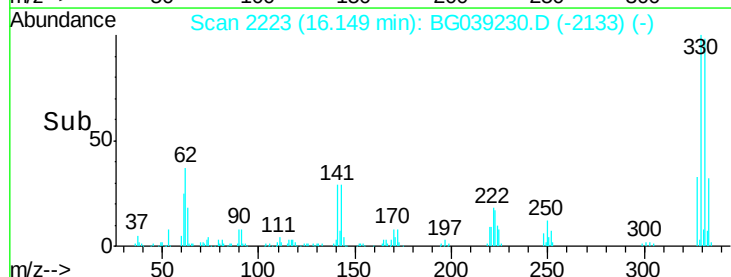
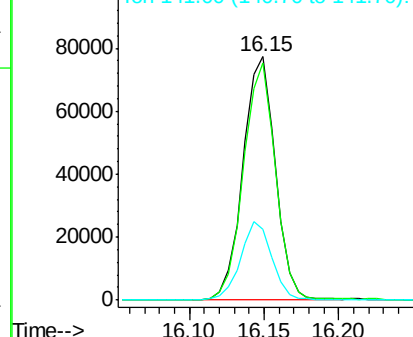
330 100

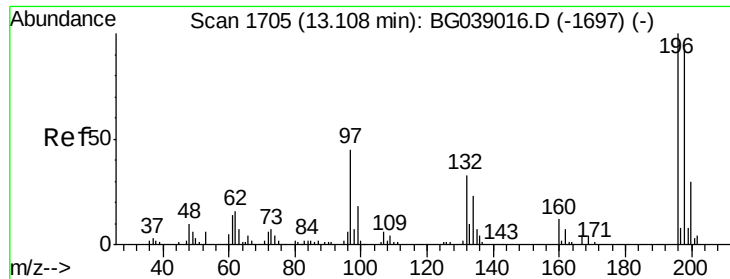
332 97.0 75.7 113.5

141 31.3 24.9 37.3



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

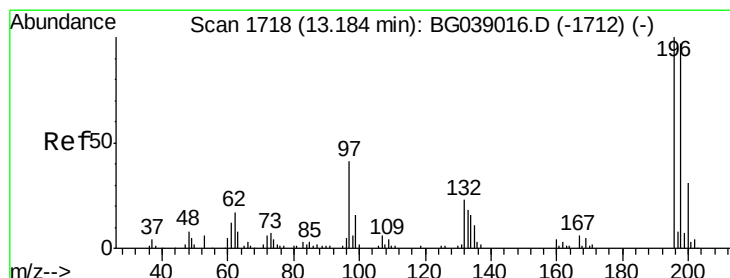
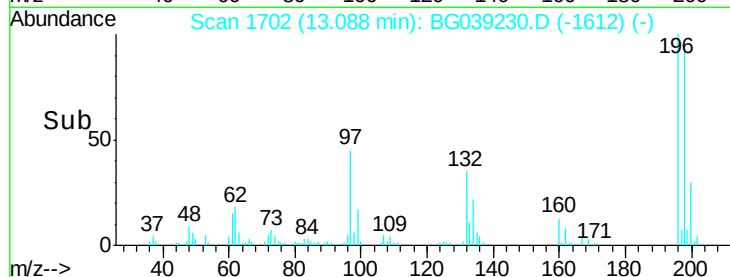
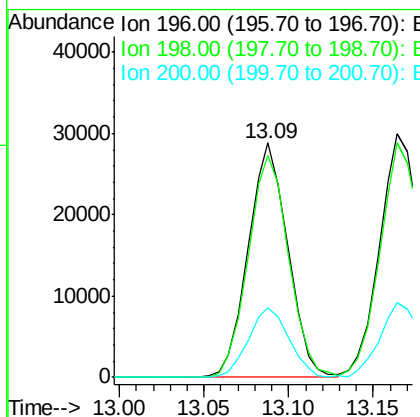
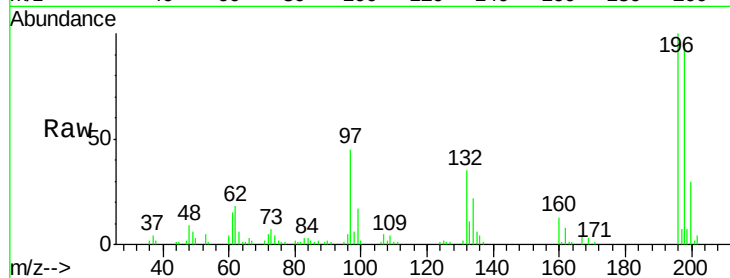




#43
 2,4,6-Trichlorophenol
 Concen: 41.130 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

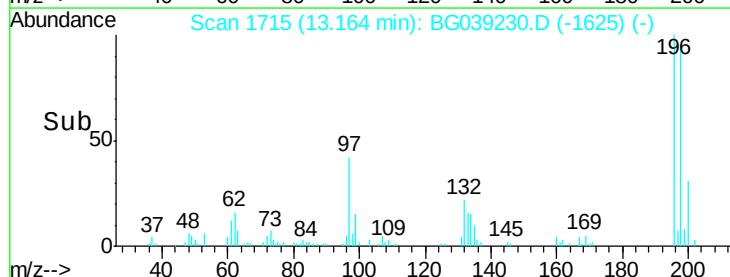
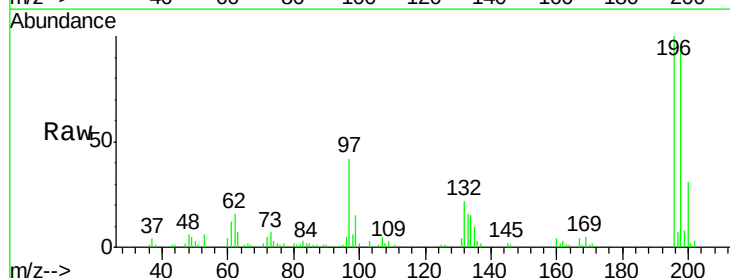
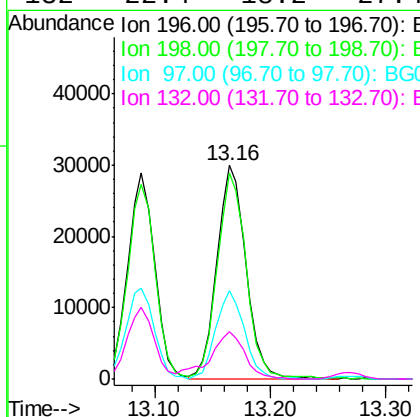
Instrument :
 BNA_G
 ClientSampleId :
 PB116511BS

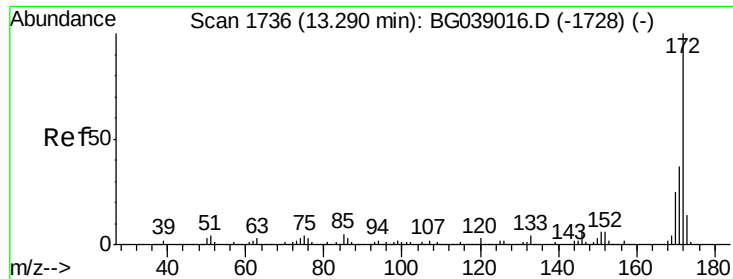
Tgt Ion:196 Resp: 46872
 Ion Ratio Lower Upper
 196 100
 198 94.6 74.5 111.7
 200 29.8 23.8 35.6



#44
 2,4,5-Trichlorophenol
 Concen: 43.431 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

Tgt Ion:196 Resp: 52311
 Ion Ratio Lower Upper
 196 100
 198 96.2 78.1 117.1
 97 41.5 33.2 49.8
 132 22.4 18.2 27.4

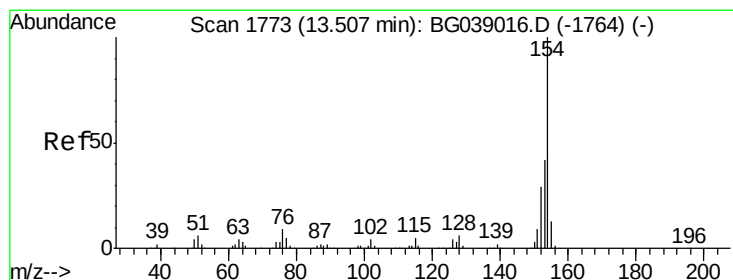
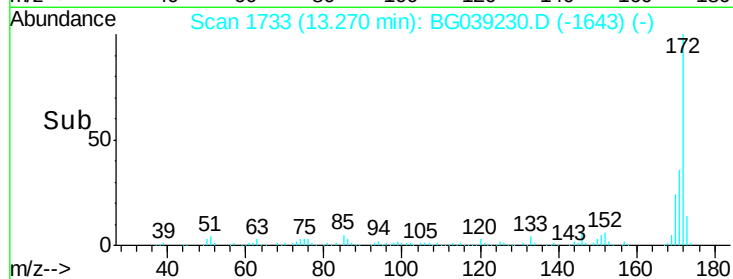
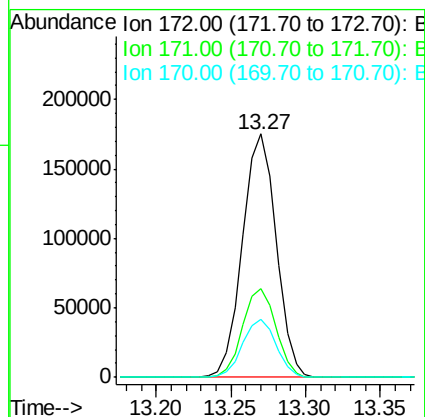
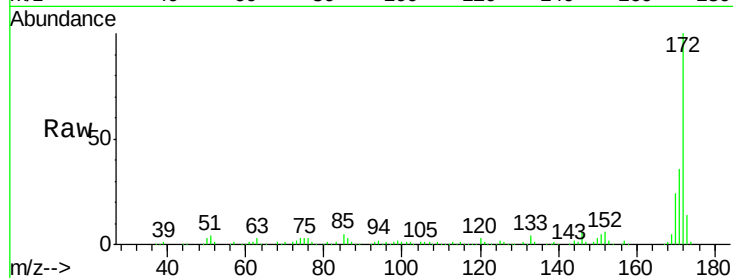




#45
 2-Fluorobiphenyl
 Concen: 77.768 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.00 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

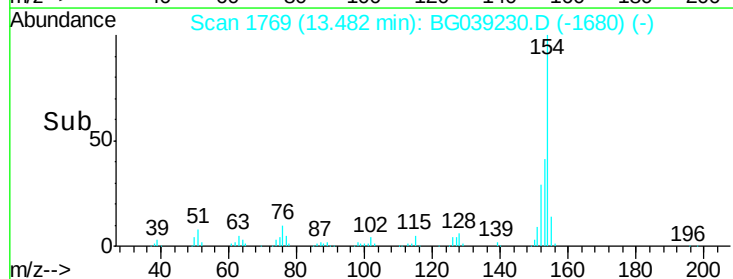
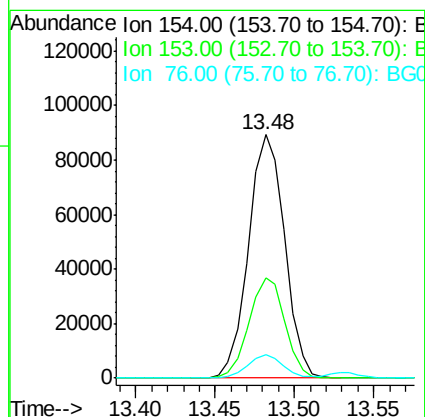
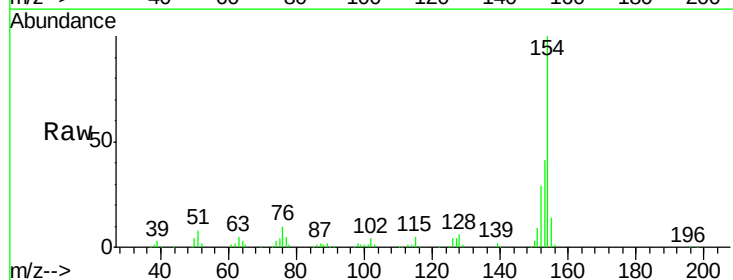
Instrument :
 BNA_G
 ClientSampleId :
 PB116511BS

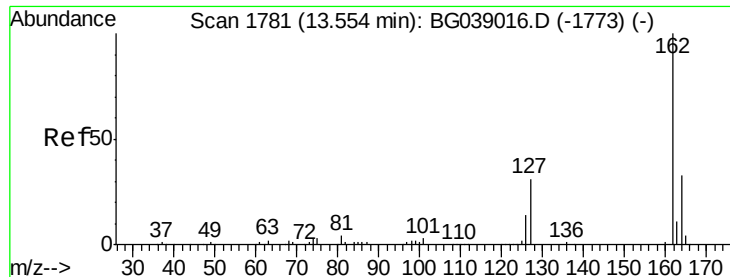
Tgt Ion:172 Resp: 273967
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 23.9 20.1 30.1



#46
 1,1'-Biphenyl
 Concen: 36.996 ng
 RT: 13.48 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

Tgt Ion:154 Resp: 141337
 Ion Ratio Lower Upper
 154 100
 153 41.3 22.4 62.4
 76 9.6 0.0 29.4

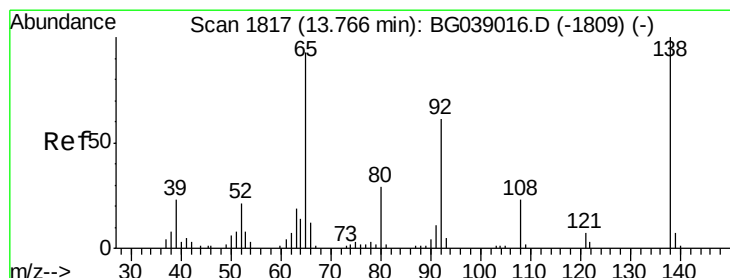
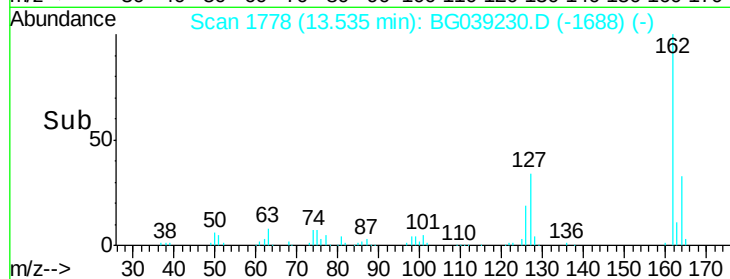
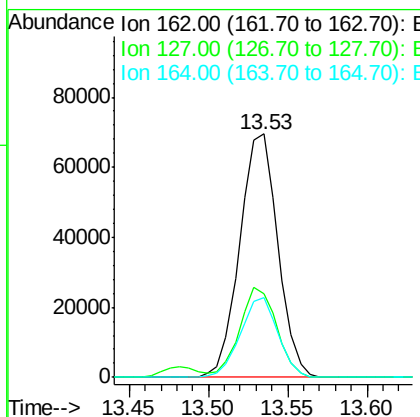
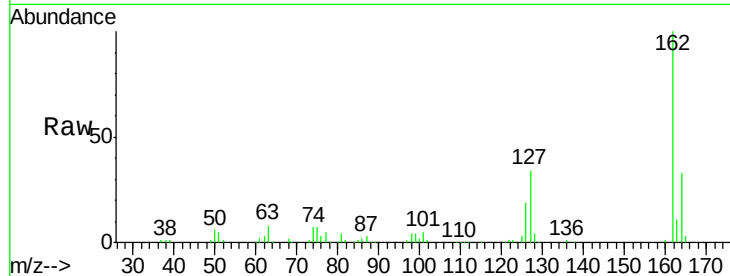




#47
 2-Chloronaphthalene
 Concen: 37.458 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

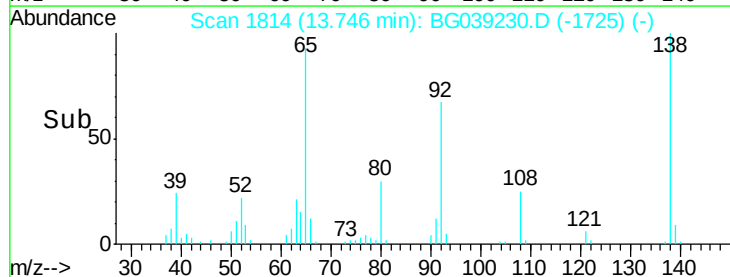
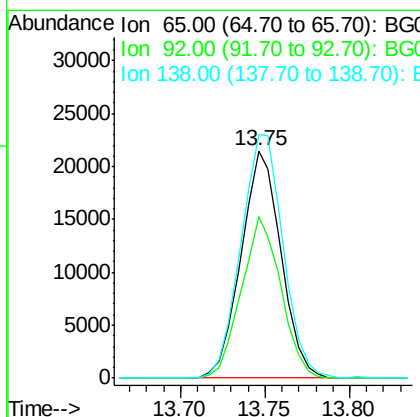
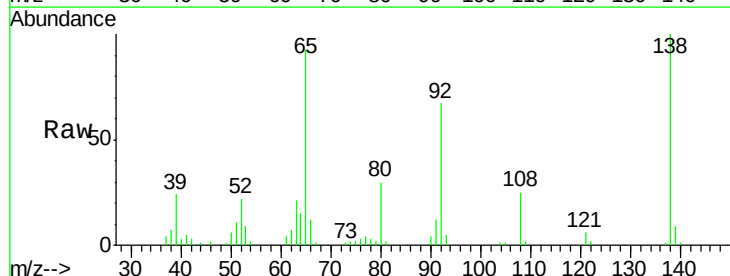
Instrument :
 BNA_G
 ClientSampleId :
 PB116511BS

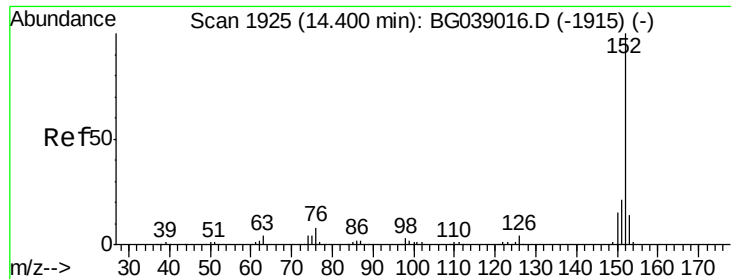
Tgt Ion: 162 Resp: 115802
 Ion Ratio Lower Upper
 162 100
 127 34.4 28.4 42.6
 164 32.5 26.3 39.5



#48
 2-Nitroaniline
 Concen: 40.656 ng
 RT: 13.75 min Scan# 1814
 Delta R.T. -0.01 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

Tgt Ion: 65 Resp: 35212
 Ion Ratio Lower Upper
 65 100
 92 71.3 52.2 78.4
 138 107.1 86.0 129.0





#49

Acenaphthylene

Concen: 40.322 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB116511BS

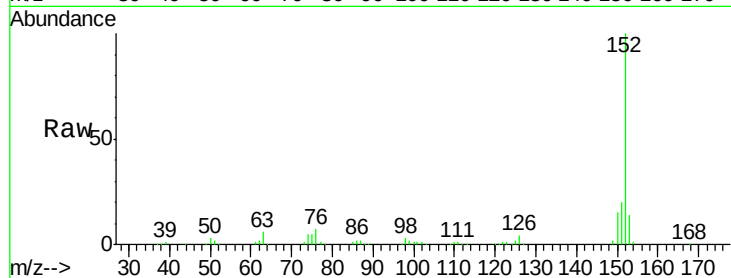
Tgt Ion:152 Resp: 187366

Ion Ratio Lower Upper

152 100

151 20.2 17.0 25.4

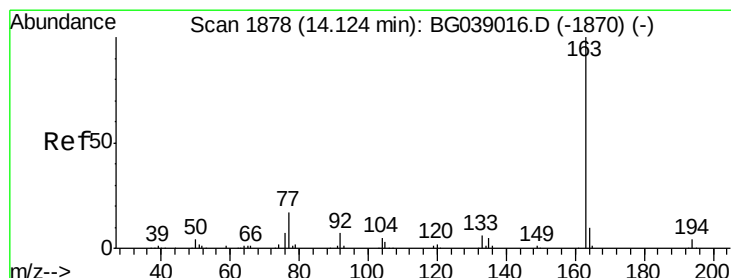
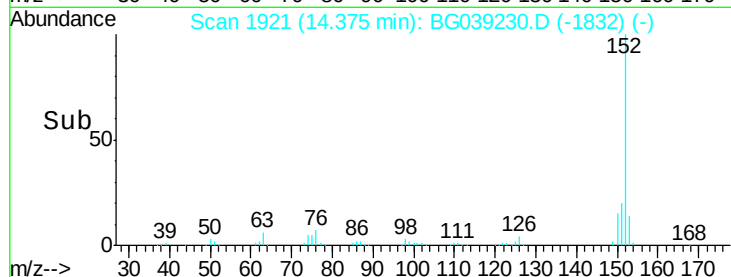
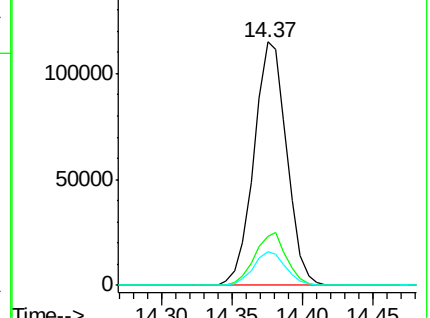
153 14.0 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.837 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

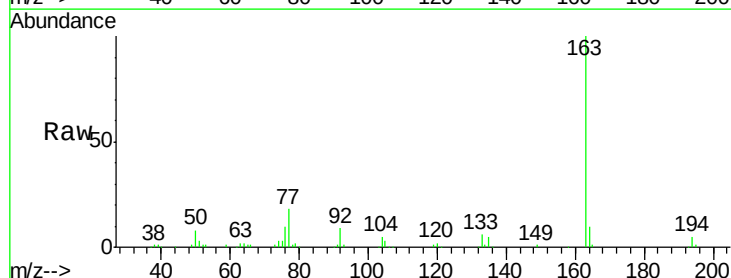
Tgt Ion:163 Resp: 162303

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

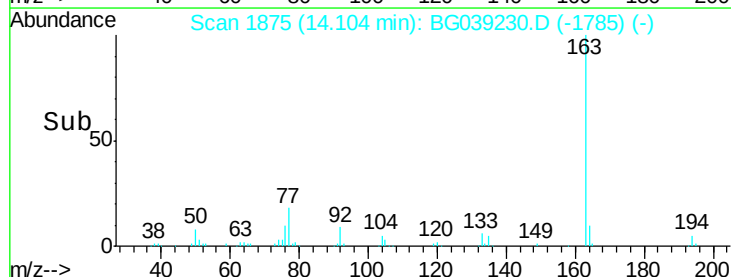
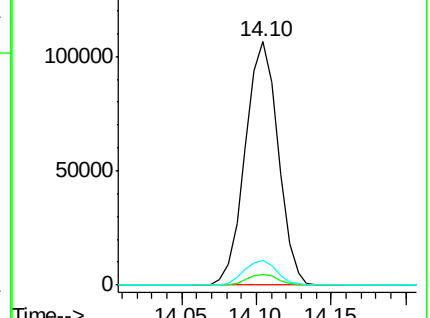
164 10.0 8.2 12.2

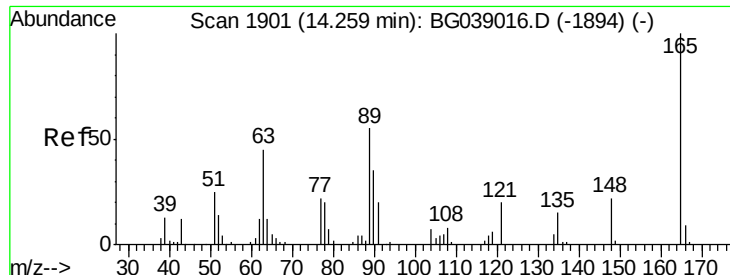


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

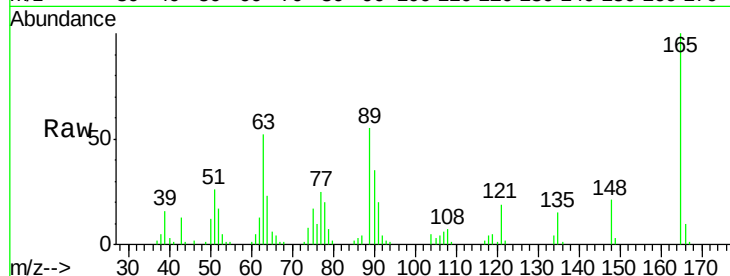




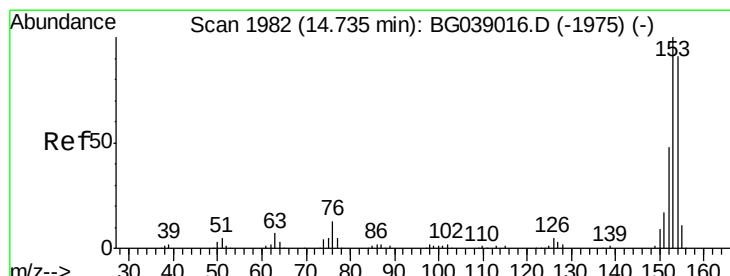
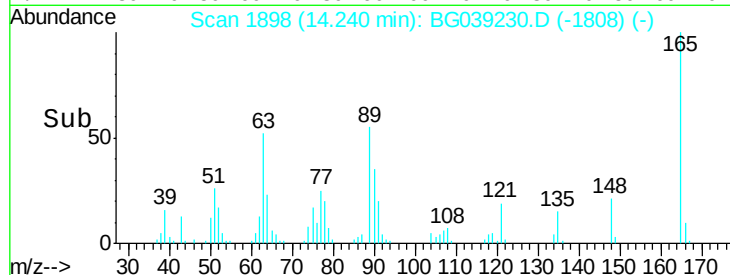
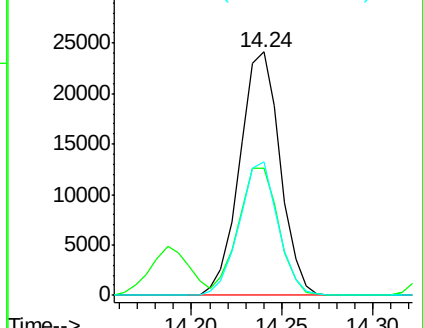
#51
 2,6-Dinitrotoluene
 Concen: 40.958 ng
 RT: 14.24 min Scan# 1898
 Delta R.T. -0.00 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

Instrument :
 BNA_G
 ClientSampleId :
 PB116511BS

Tgt Ion:165 Resp: 37308
 Ion Ratio Lower Upper
 165 100
 63 52.3 43.6 65.4
 89 54.6 43.7 65.5

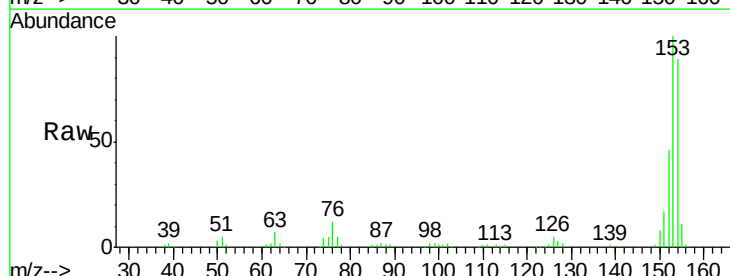


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

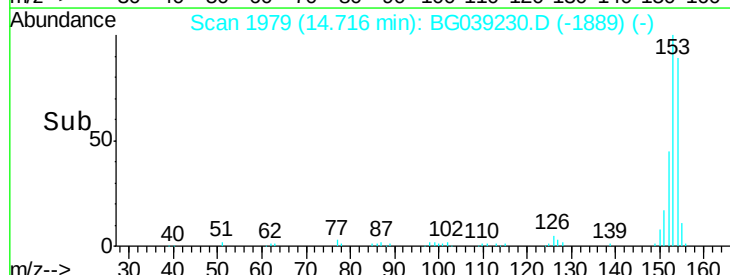
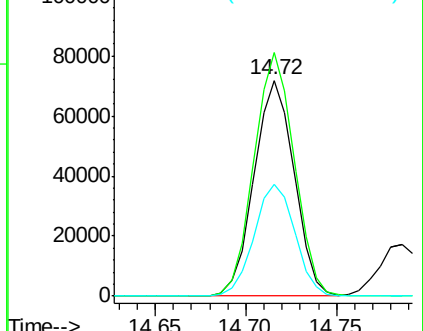


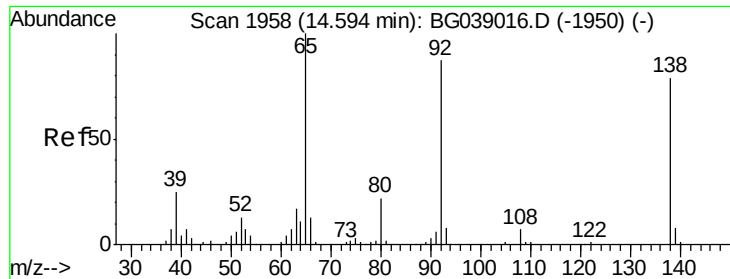
#52
 Acenaphthene
 Concen: 39.550 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

Tgt Ion:154 Resp: 110417
 Ion Ratio Lower Upper
 154 100
 153 112.8 87.9 131.9
 152 52.0 42.2 63.2



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





#53

3-Nitroaniline

Concen: 27.724 ng

RT: 14.57 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB116511BS

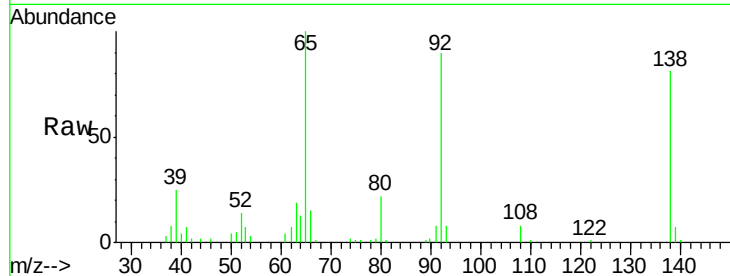
Tgt Ion:138 Resp: 25618

Ion Ratio Lower Upper

138 100

108 9.9 7.4 11.0

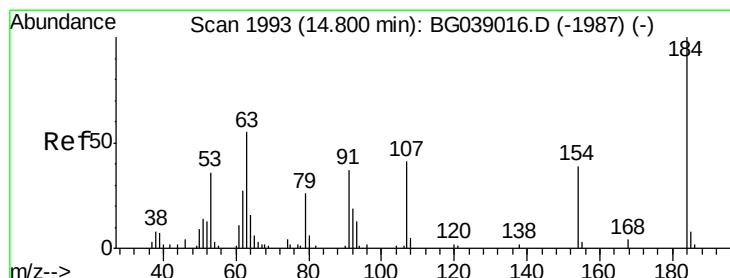
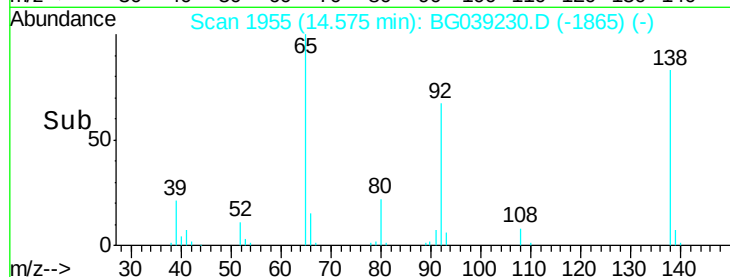
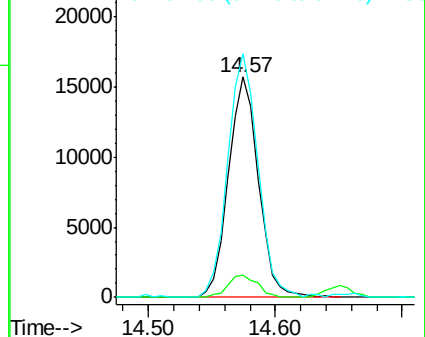
92 110.6 88.2 132.4



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: 89.466 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

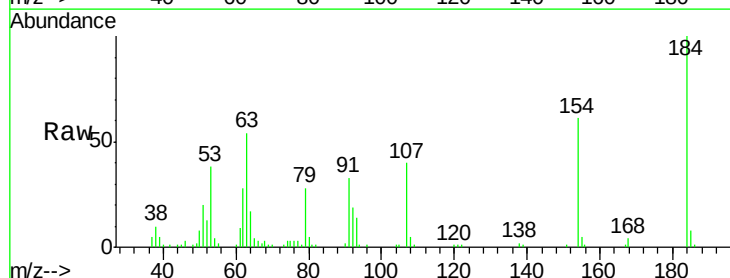
Tgt Ion:184 Resp: 49095

Ion Ratio Lower Upper

184 100

63 54.2 44.0 66.0

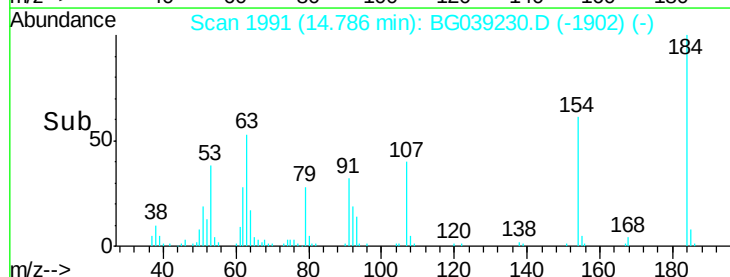
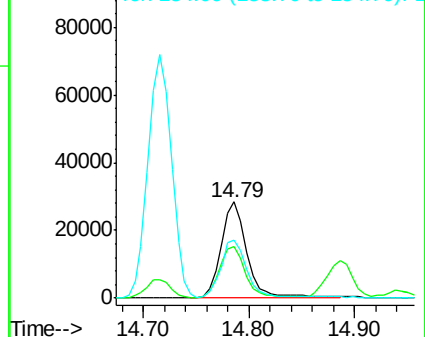
154 61.1 46.1 69.1

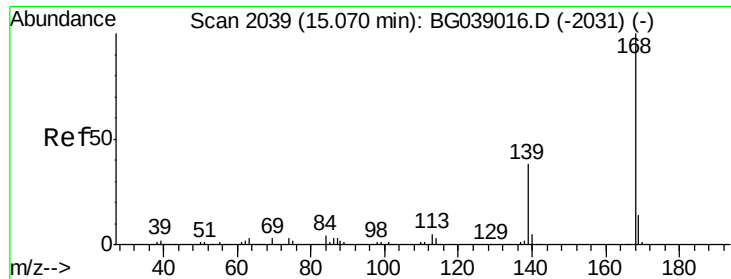


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

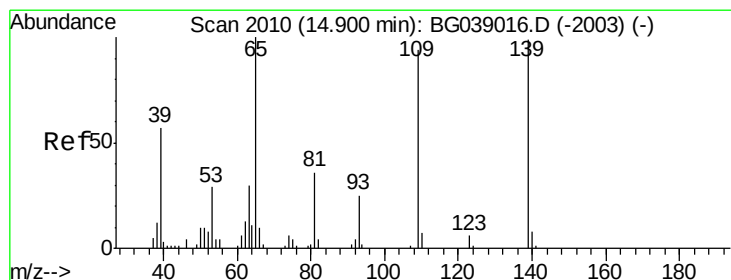
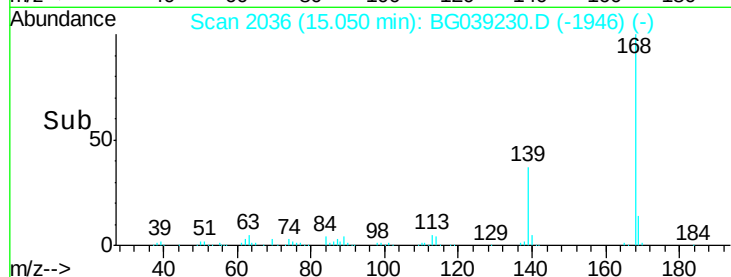
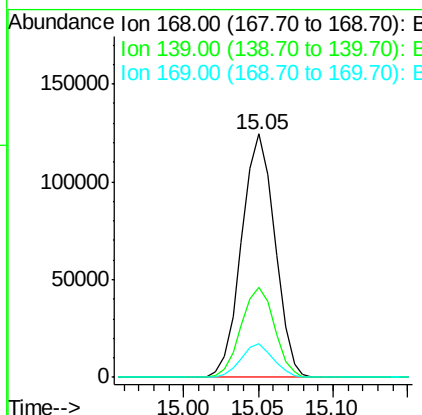
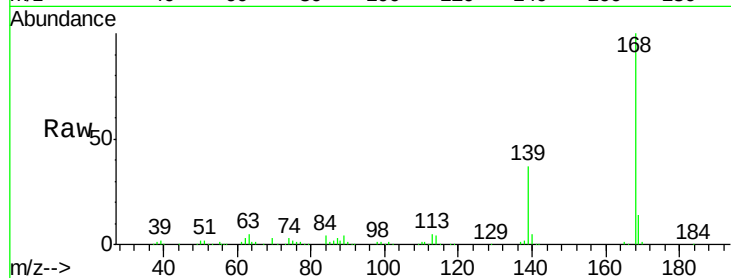




#55
Dibenzenofuran
Concen: 39.047 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

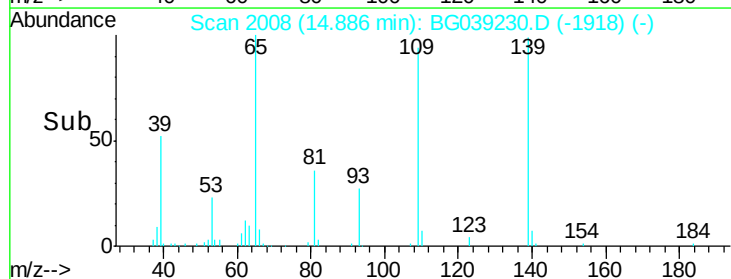
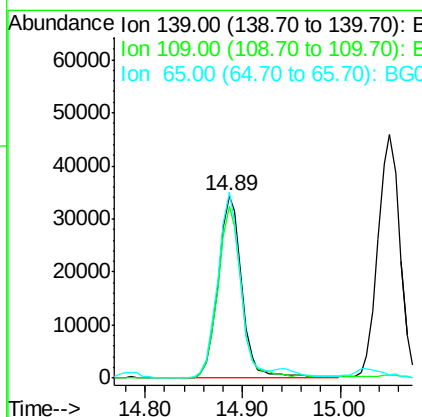
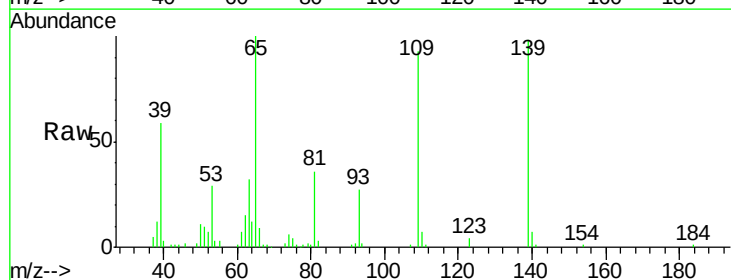
Instrument :
BNA_G
ClientSampleId :
PB116511BS

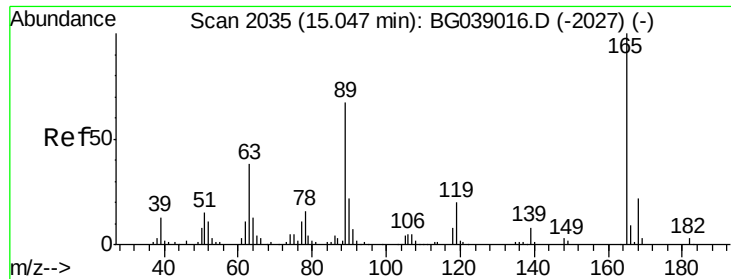
Tgt Ion:168 Resp: 192530
Ion Ratio Lower Upper
168 100
139 36.9 30.1 45.1
169 13.9 10.9 16.3



#56
4-Nitrophenol
Concen: 87.907 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Tgt Ion:139 Resp: 58447
Ion Ratio Lower Upper
139 100
109 94.4 75.6 115.6
65 101.8 81.2 121.2

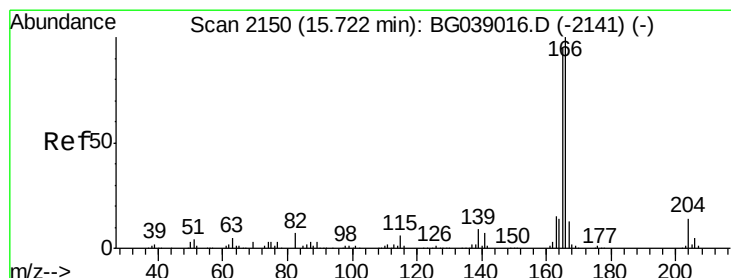
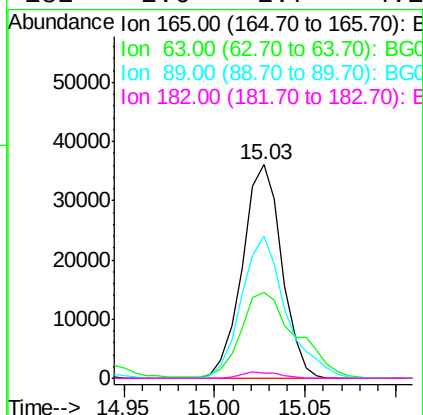
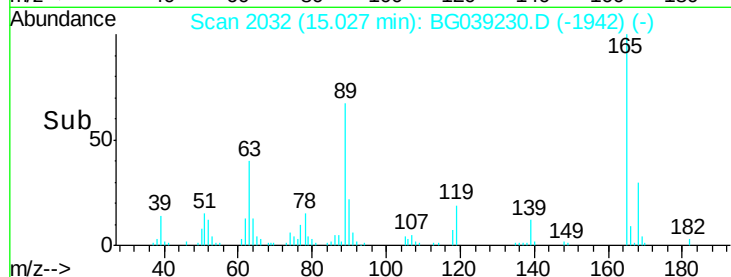
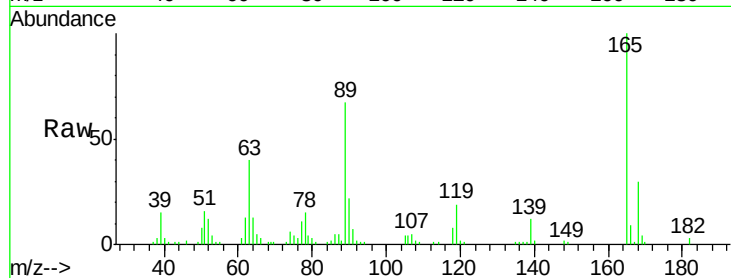




#57
 2,4-Dinitrotoluene
 Concen: 41.681 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

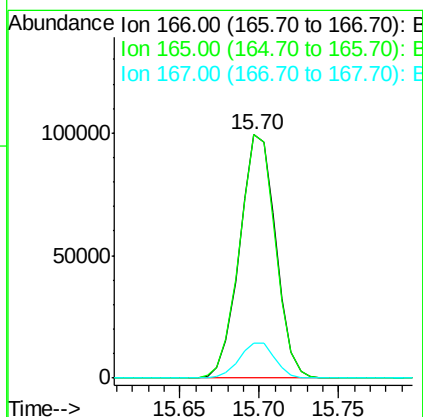
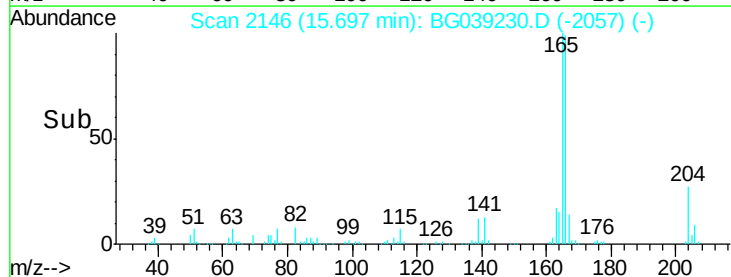
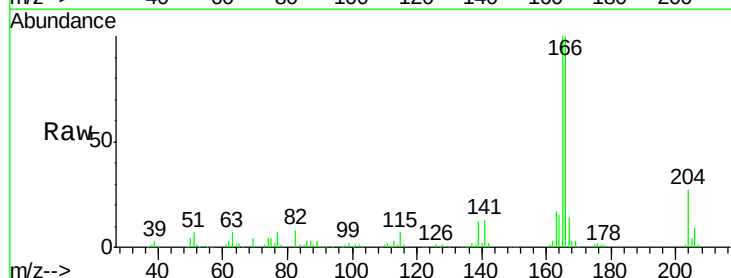
Instrument :
 BNA_G
 ClientSampleId :
 PB116511BS

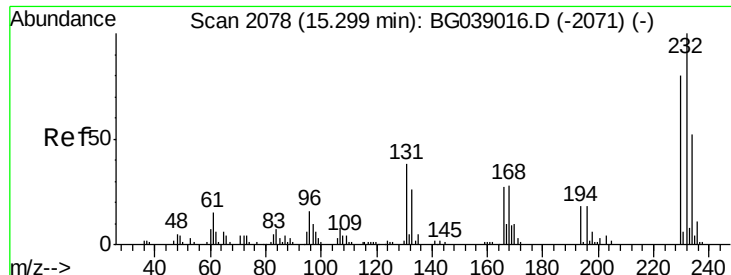
Tgt Ion:165 Resp: 54470
 Ion Ratio Lower Upper
 165 100
 63 40.4 30.2 45.4
 89 66.7 53.2 79.8
 182 2.6 2.7 4.1#



#58
 Fluorene
 Concen: 42.155 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

Tgt Ion:166 Resp: 156458
 Ion Ratio Lower Upper
 166 100
 165 100.0 76.2 114.2
 167 14.3 10.6 16.0

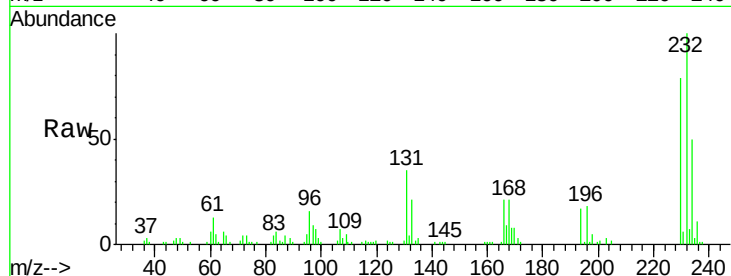




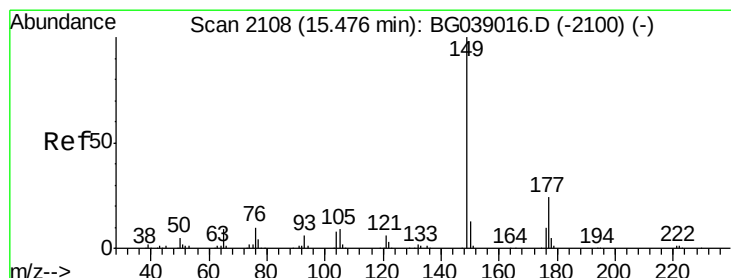
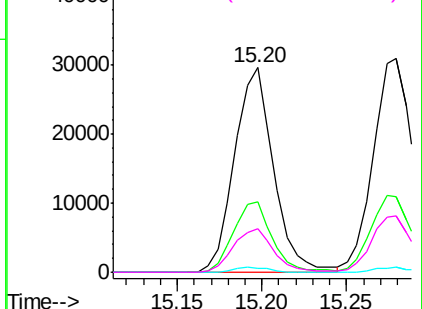
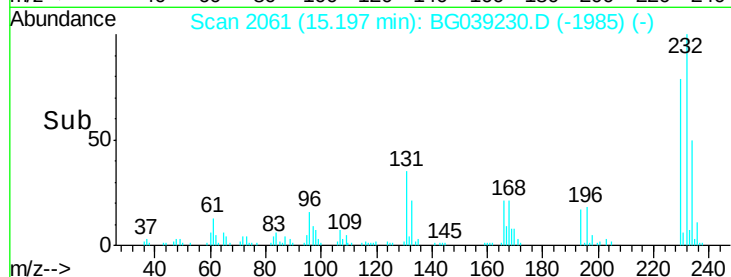
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.853 ng
RT: 15.20 min Scan# 2061
Delta R.T. -0.09 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB116511BS

Tgt Ion:232 Resp: 47586
Ion Ratio Lower Upper
232 100
131 34.0 30.9 46.3
130 2.1 1.9 2.9
166 22.2 22.1 33.1

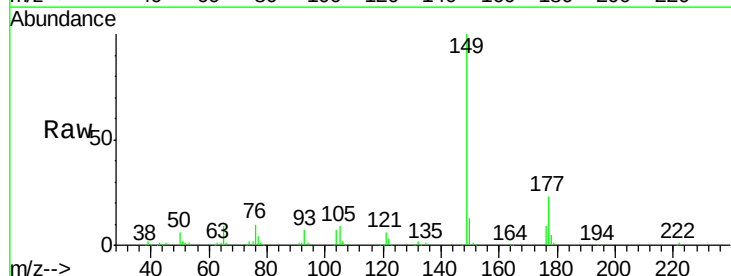


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

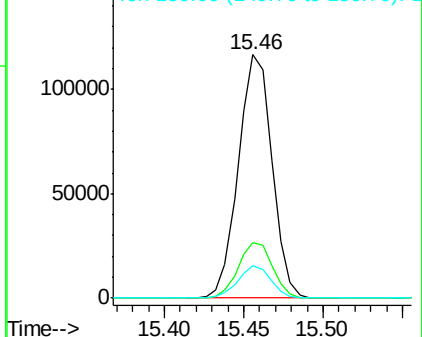
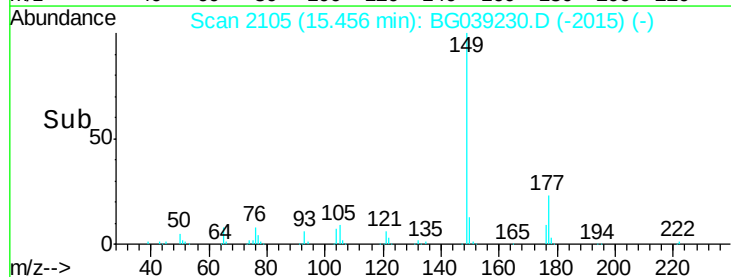


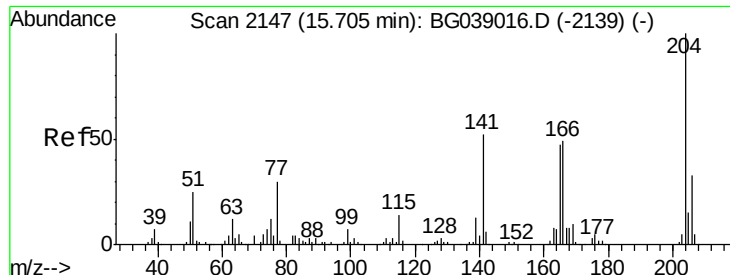
#60
Diethylphthalate
Concen: 40.924 ng
RT: 15.46 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Tgt Ion:149 Resp: 171789
Ion Ratio Lower Upper
149 100
177 22.7 19.0 28.6
150 13.2 10.2 15.4



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

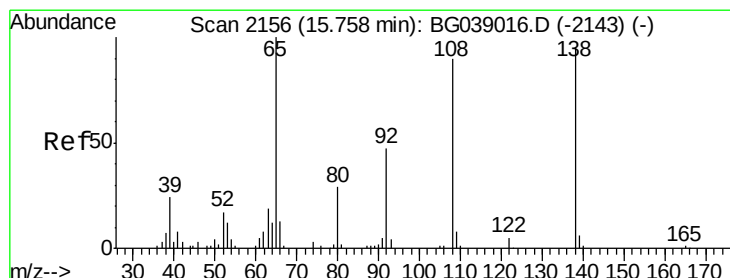
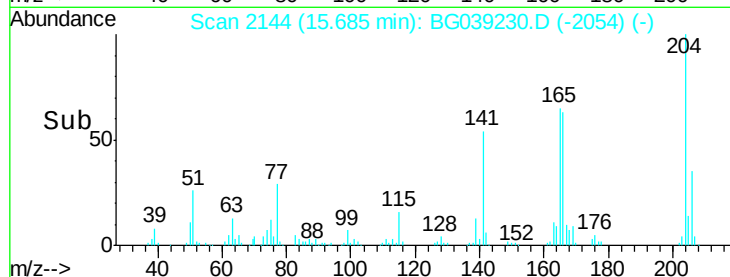
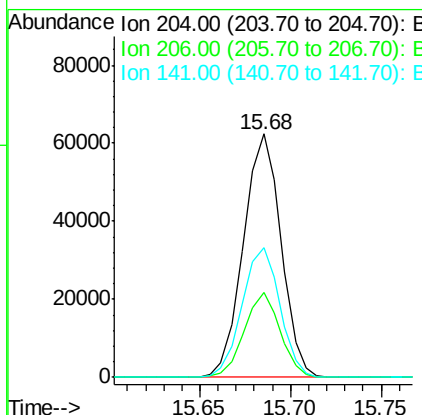
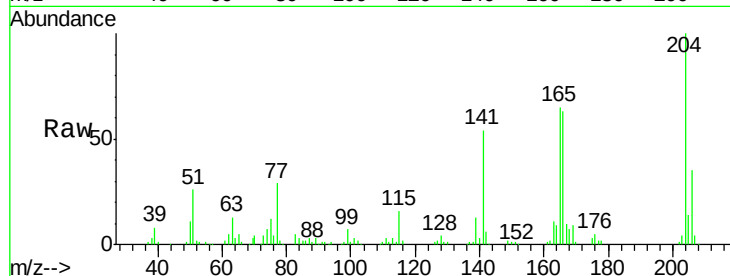




#61
 4-Chlorophenyl-phenylether
 Concen: 38.471 ng
 RT: 15.68 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

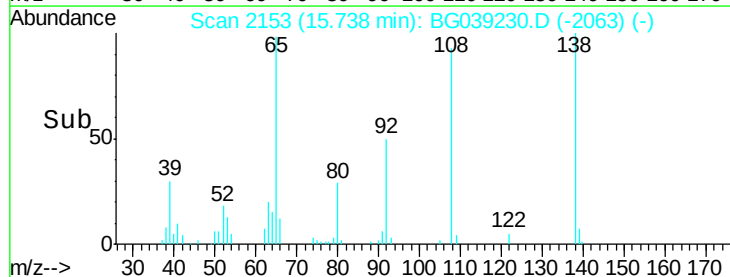
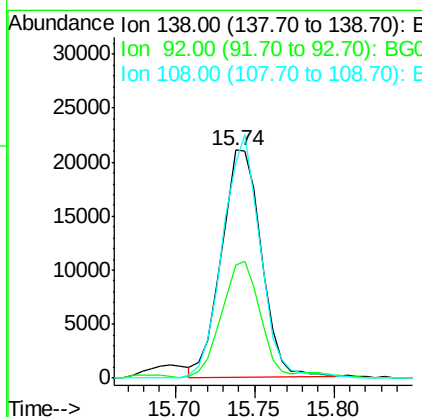
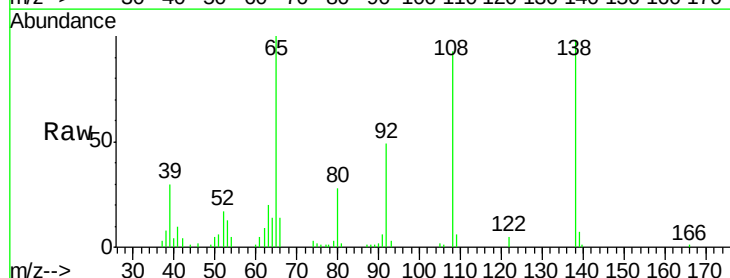
Instrument :
 BNA_G
 ClientSampleId :
 PB116511BS

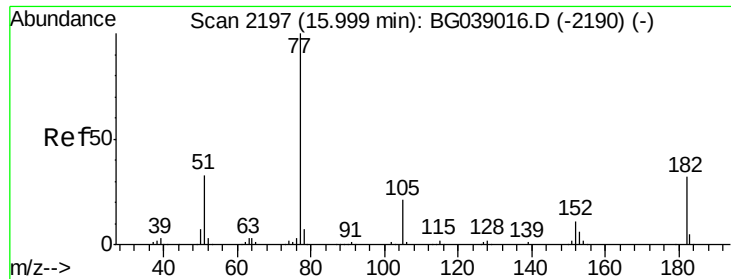
Tgt Ion:204 Resp: 89954
 Ion Ratio Lower Upper
 204 100
 206 34.7 26.6 39.8
 141 53.5 41.4 62.0



#62
 4-Nitroaniline
 Concen: 37.890 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

Tgt Ion:138 Resp: 36473
 Ion Ratio Lower Upper
 138 100
 92 49.7 29.7 69.7
 108 94.4 75.7 115.7





#63

Azobenzene

Concen: 39.949 ng

RT: 15.98 min Scan# 2194

Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB116511BS

Tgt Ion: 77 Resp: 131139

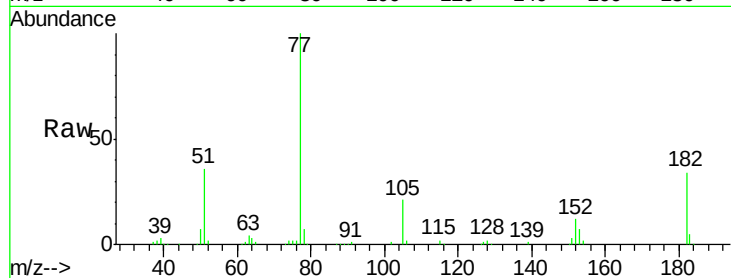
Ion Ratio Lower Upper

77 100

182 34.1 12.2 52.2

105 20.7 1.2 41.2

51 35.7 13.4 53.4

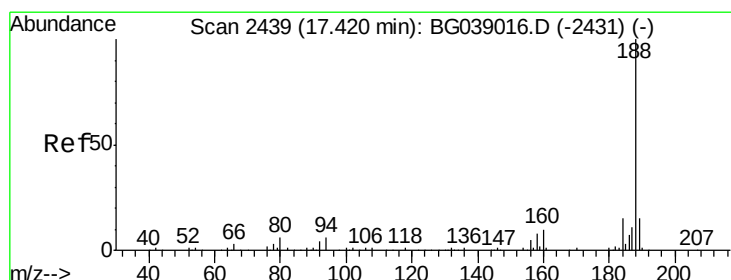
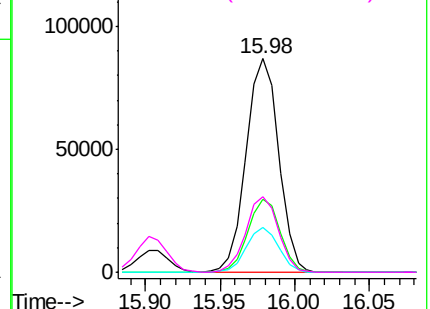
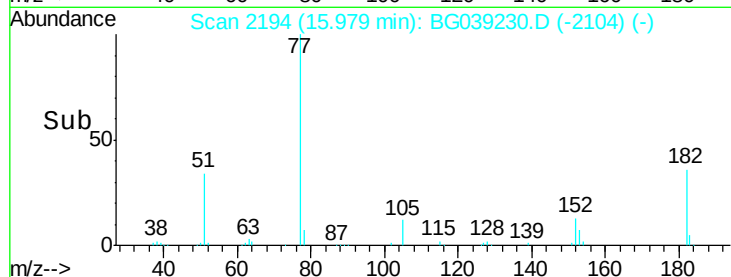


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

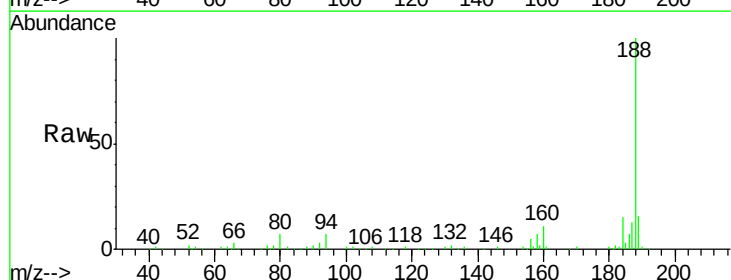
Tgt Ion: 188 Resp: 130878

Ion Ratio Lower Upper

188 100

94 6.6 5.0 7.4

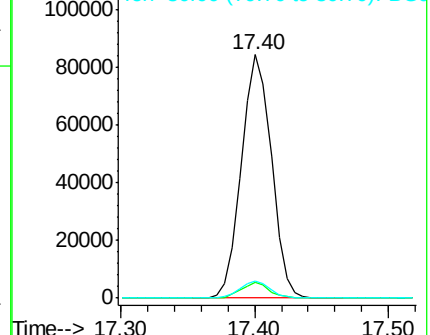
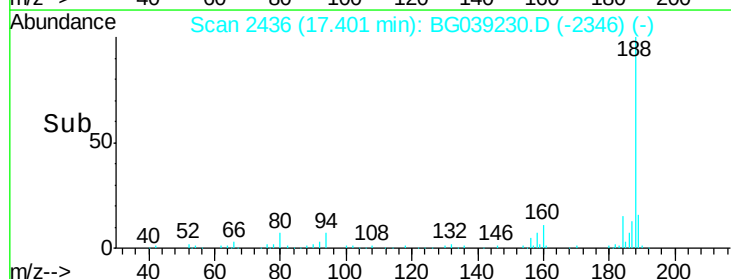
80 7.1 4.7 7.1

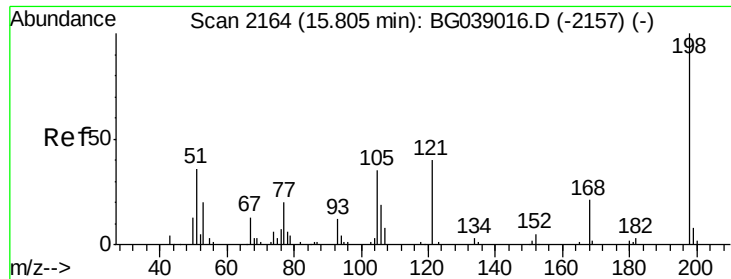


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

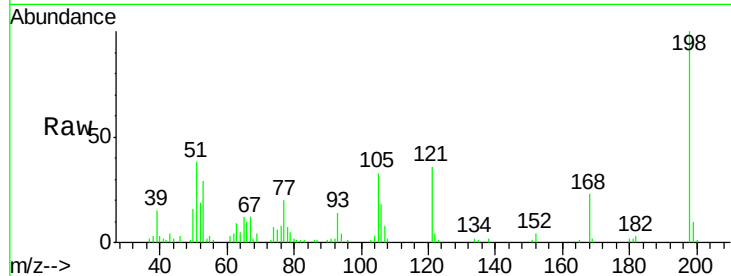




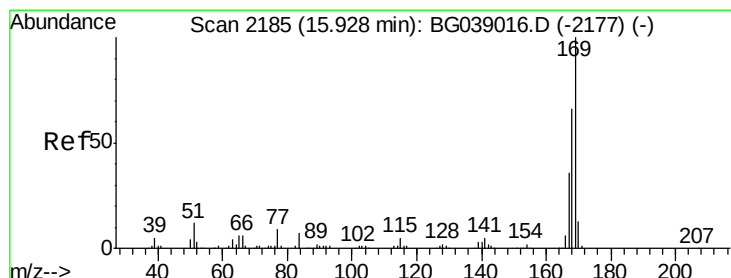
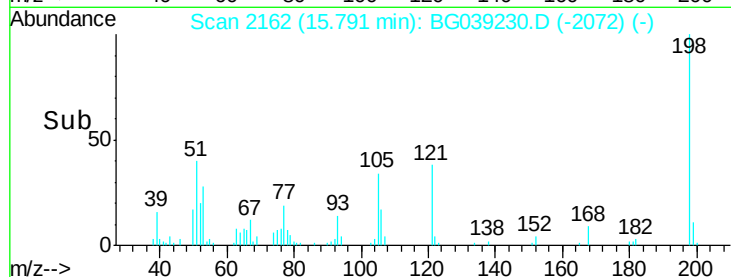
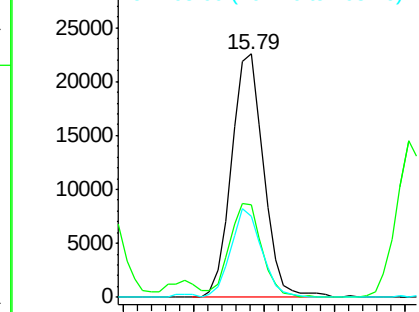
#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.840 ng
 RT: 15.79 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

Instrument :
 BNA_G
 ClientSampleId :
 PB116511BS

Tgt Ion:198 Resp: 35721
 Ion Ratio Lower Upper
 198 100
 51 38.2 20.8 60.8
 105 33.3 16.1 56.1

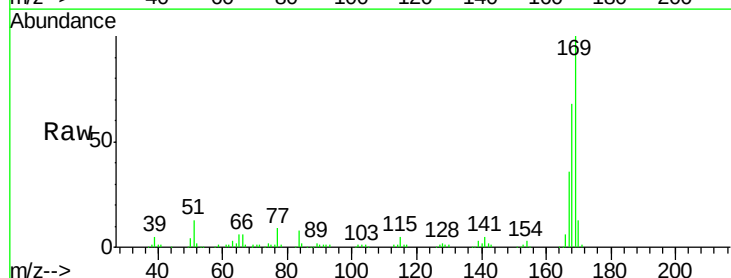


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

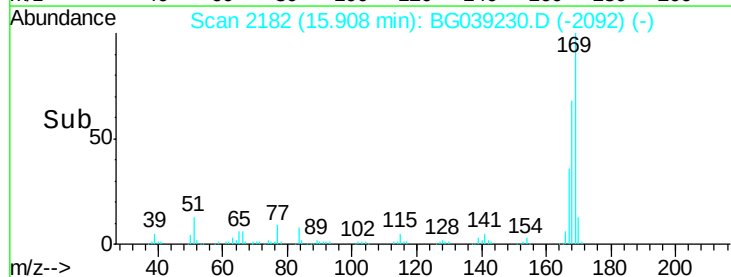
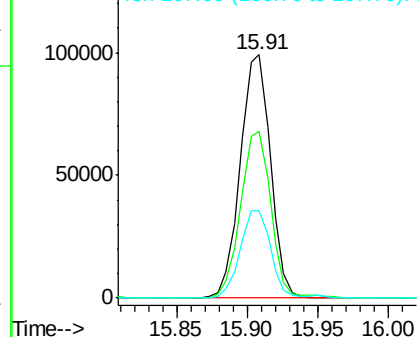


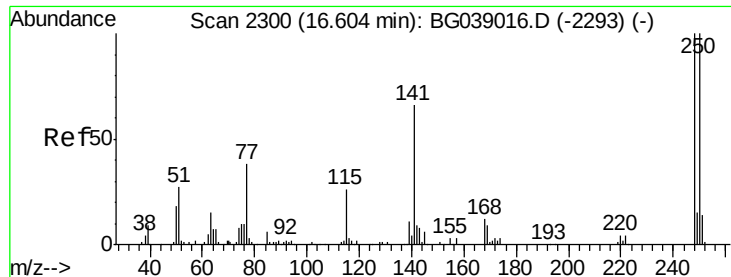
#66
 n-Nitrosodiphenylamine
 Concen: 38.204 ng
 RT: 15.91 min Scan# 2182
 Delta R.T. -0.00 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

Tgt Ion:169 Resp: 148226
 Ion Ratio Lower Upper
 169 100
 168 68.4 53.2 79.8
 167 35.7 29.1 43.7



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

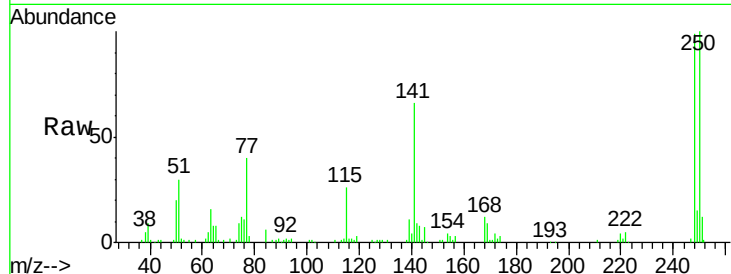




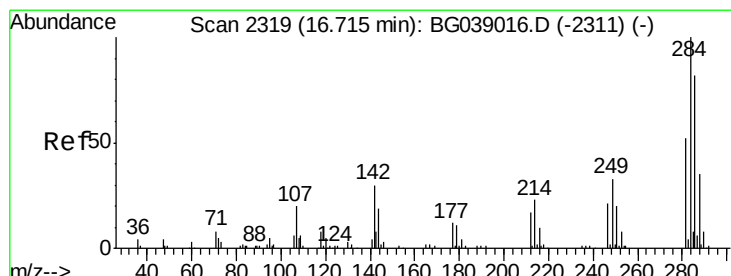
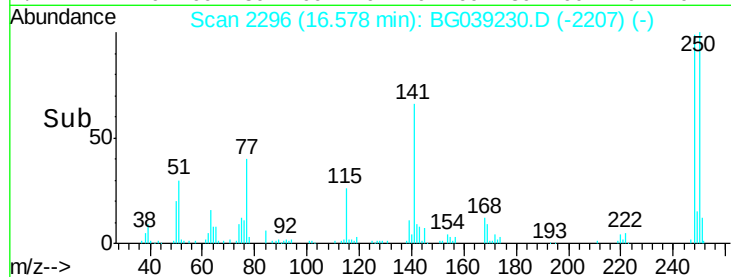
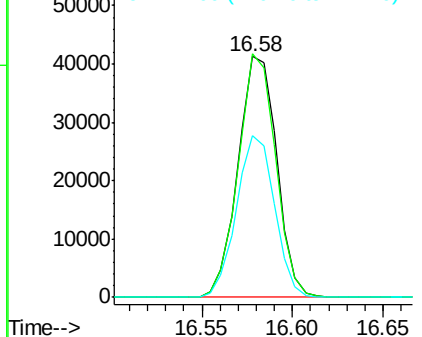
#67
 4-Bromophenyl-phenylether
 Concen: 36.491 ng
 RT: 16.58 min Scan# 2296
 Delta R.T. -0.01 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

Instrument :
 BNA_G
 ClientSampleId :
 PB116511BS

Tgt Ion:248 Resp: 61392
 Ion Ratio Lower Upper
 248 100
 250 101.2 79.9 119.9
 141 67.2 52.7 79.1

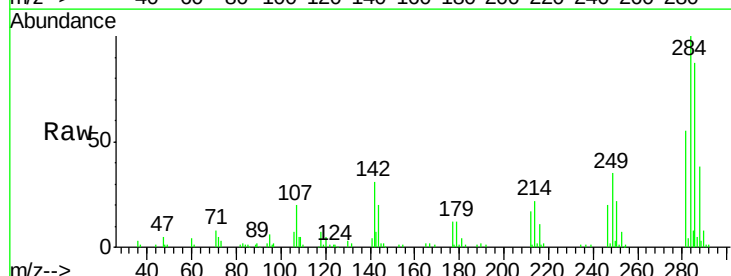


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

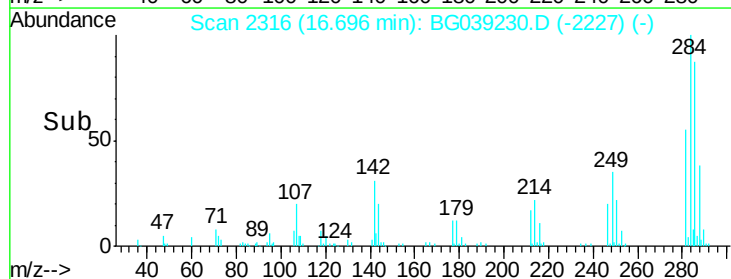
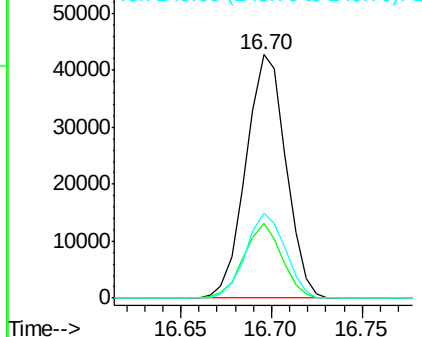


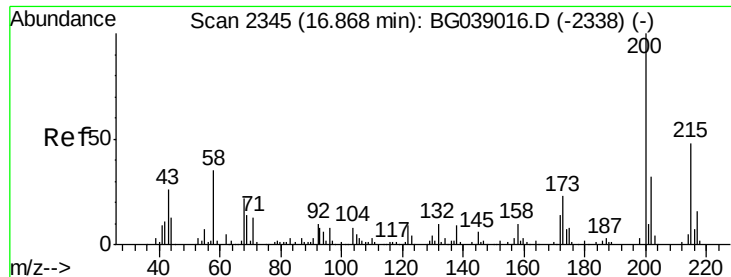
#68
 Hexachlorobenzene
 Concen: 35.696 ng
 RT: 16.70 min Scan# 2316
 Delta R.T. -0.01 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

Tgt Ion:284 Resp: 65531
 Ion Ratio Lower Upper
 284 100
 142 30.7 24.3 36.5
 249 37.2 27.8 41.8



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: 35.995 ng

RT: 16.85 min Scan# 2342

Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB116511BS

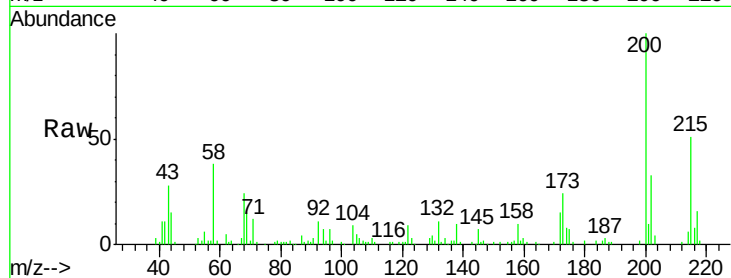
Tgt Ion:200 Resp: 59329

Ion Ratio Lower Upper

200 100

173 24.3 2.6 42.6

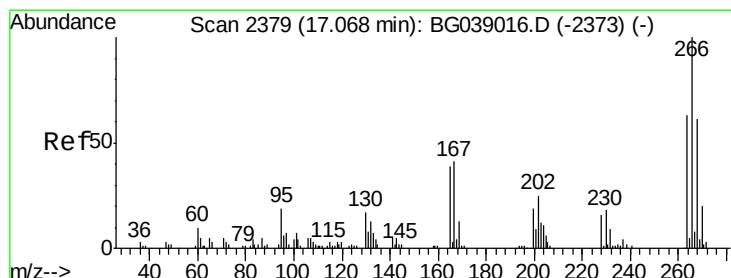
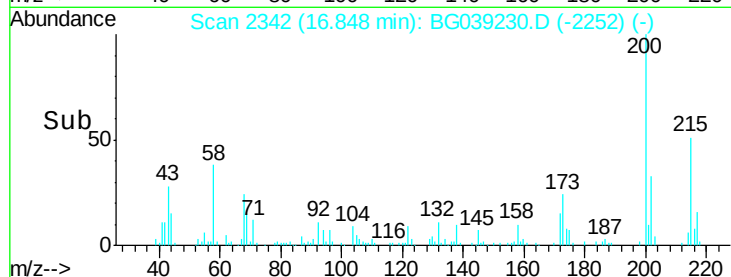
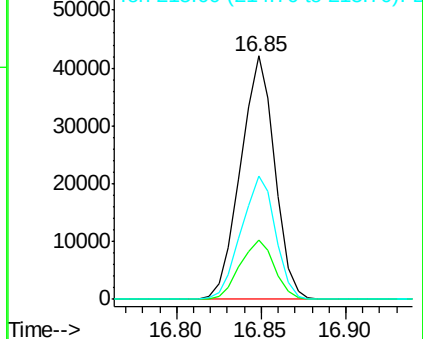
215 50.8 28.0 68.0



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: 62.451 ng

RT: 17.05 min Scan# 2376

Delta R.T. -0.01 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

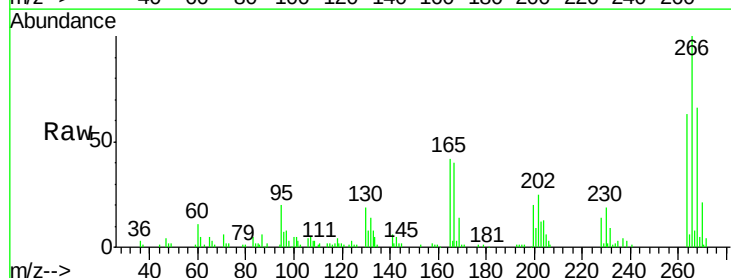
Tgt Ion:266 Resp: 69279

Ion Ratio Lower Upper

266 100

268 70.9 52.0 78.0

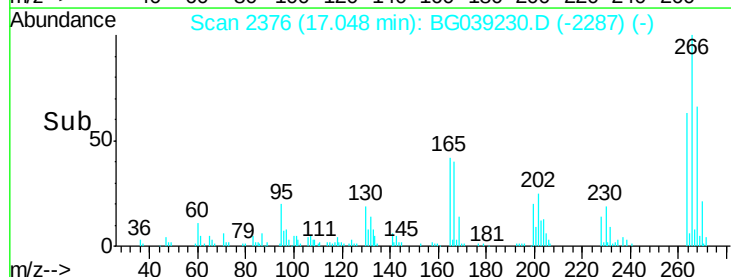
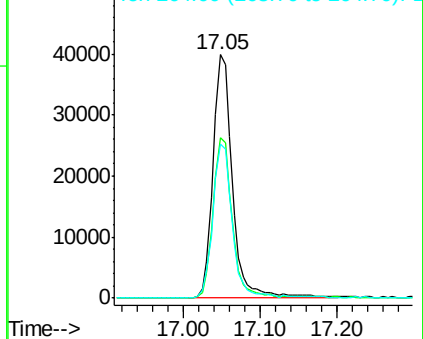
264 69.1 54.6 81.8

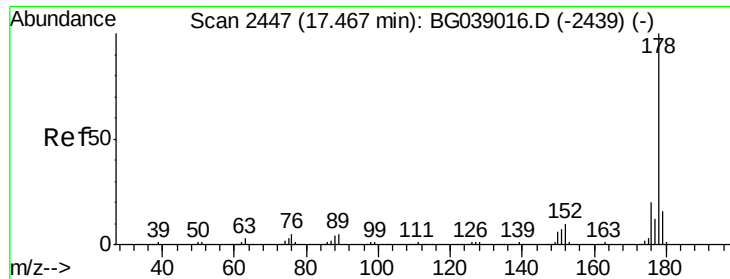


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

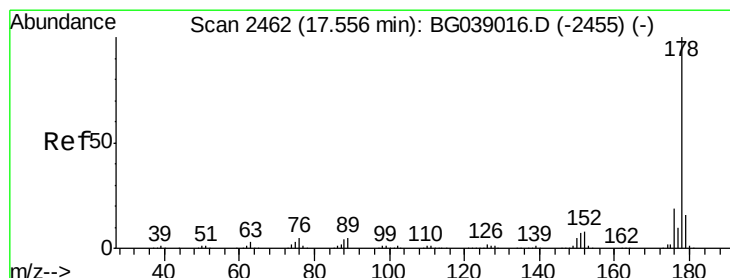
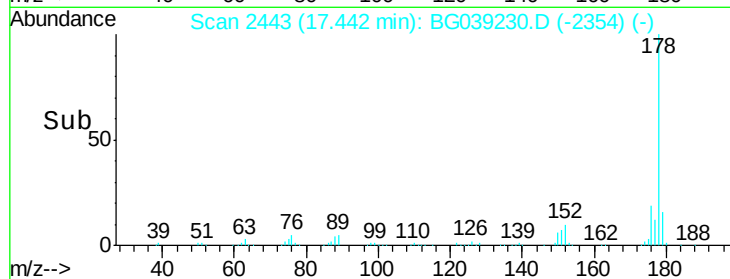
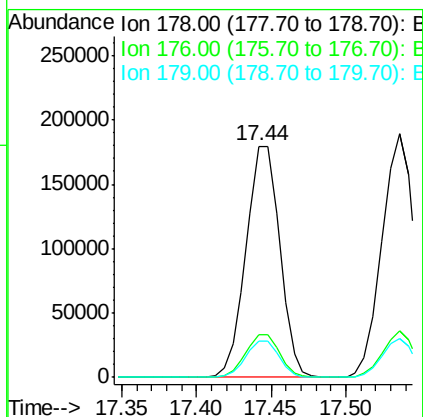
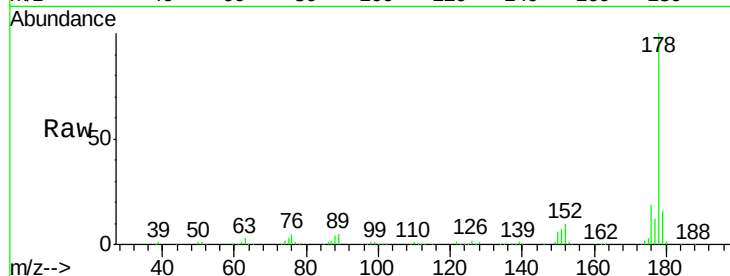




#71
 Phenanthrene
 Concen: 40.676 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.01 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

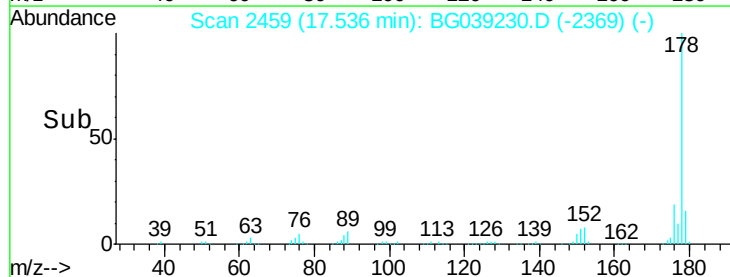
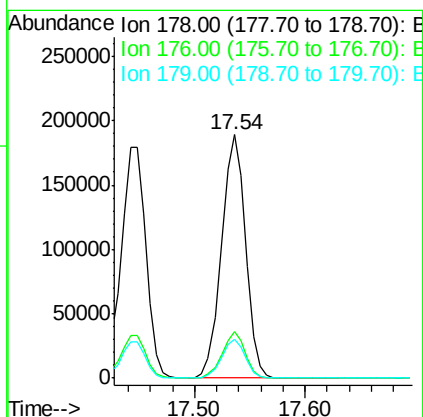
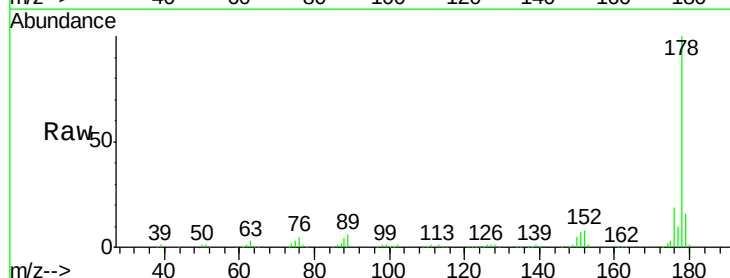
Instrument :
 BNA_G
 ClientSampleId :
 PB116511BS

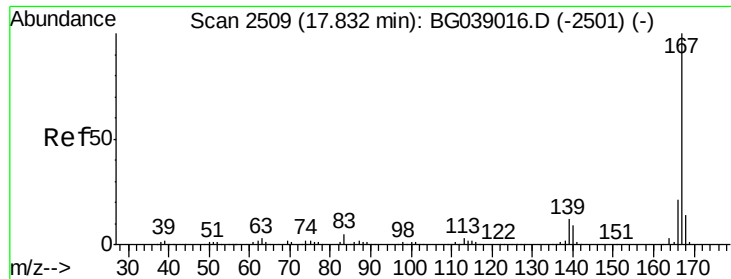
Tgt Ion:178 Resp: 281387
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.7 23.5
 179 15.7 12.9 19.3



#72
 Anthracene
 Concen: 41.949 ng
 RT: 17.54 min Scan# 2459
 Delta R.T. -0.00 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

Tgt Ion:178 Resp: 286928
 Ion Ratio Lower Upper
 178 100
 176 19.1 14.9 22.3
 179 16.1 13.0 19.4

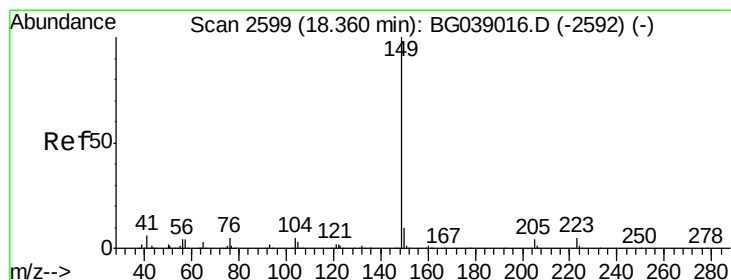
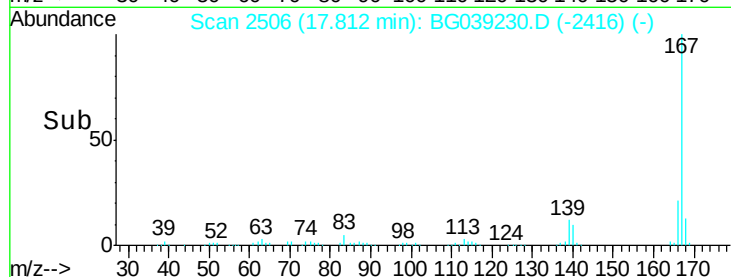
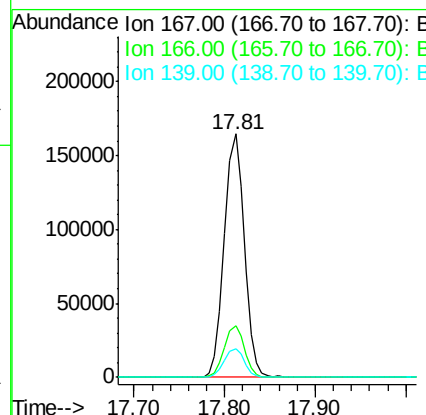
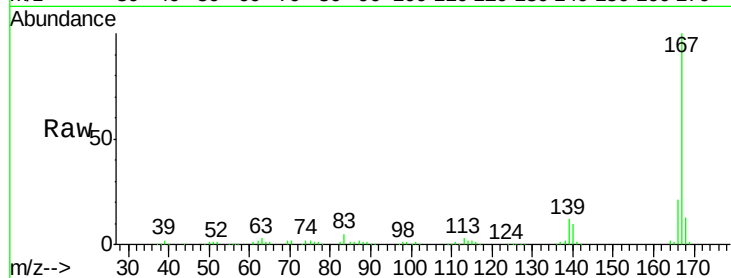




#73
 Carbazole
 Concen: 37.504 ng
 RT: 17.81 min Scan# 2506
 Delta R.T. -0.00 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

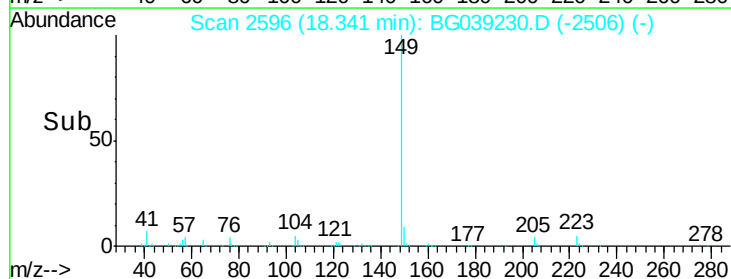
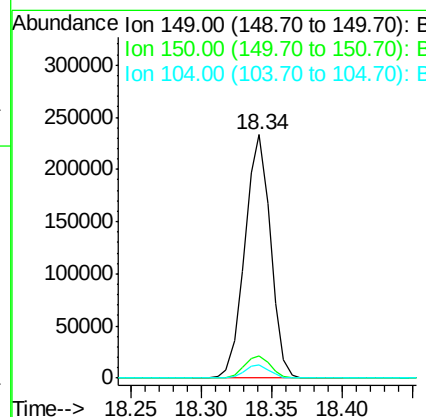
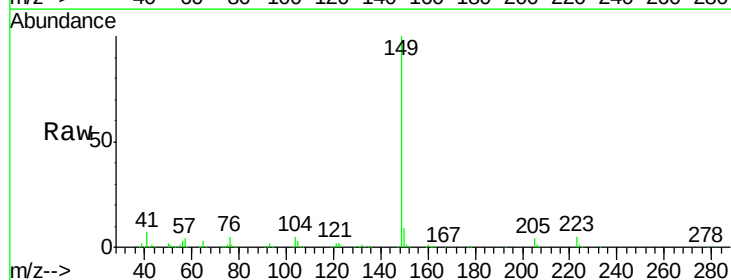
Instrument :
 BNA_G
 ClientSampleId :
 PB116511BS

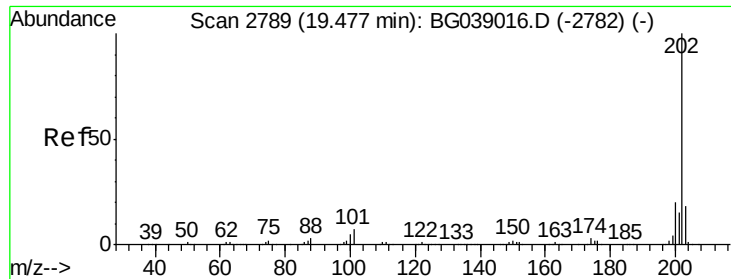
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	16.9	25.3
139	12.0	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 39.395 ng
 RT: 18.34 min Scan# 2596
 Delta R.T. -0.00 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.9	11.9
104	5.4	4.2	6.2

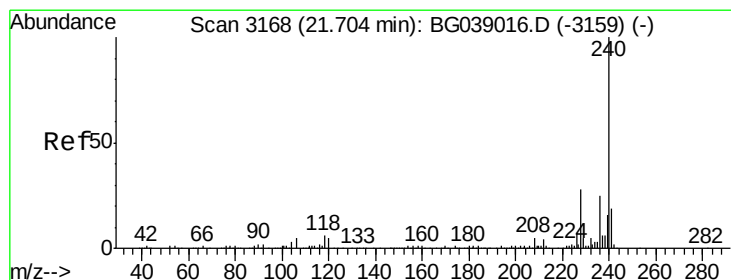
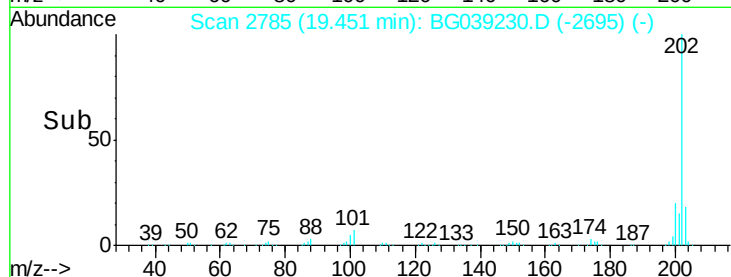
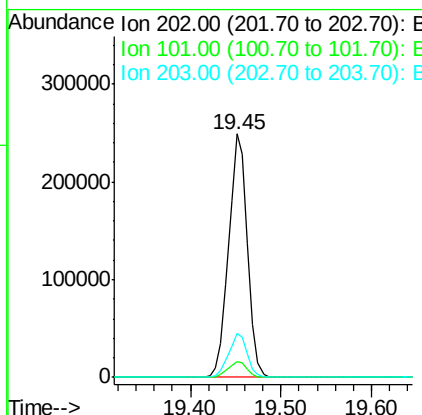
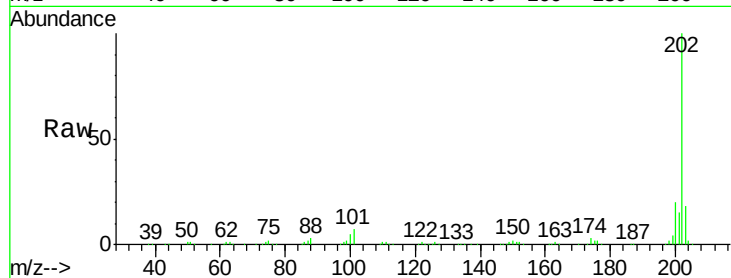




#75
Fluoranthene
Concen: 41.581 ng
RT: 19.45 min Scan# 2785
Delta R.T. -0.00 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

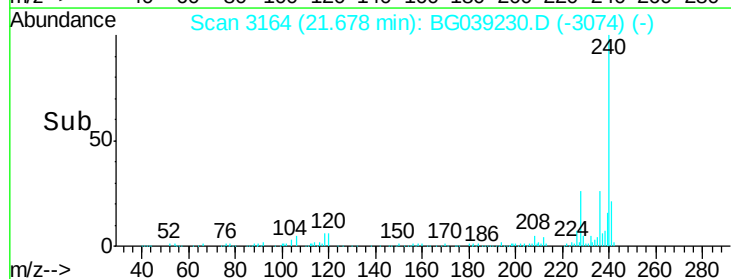
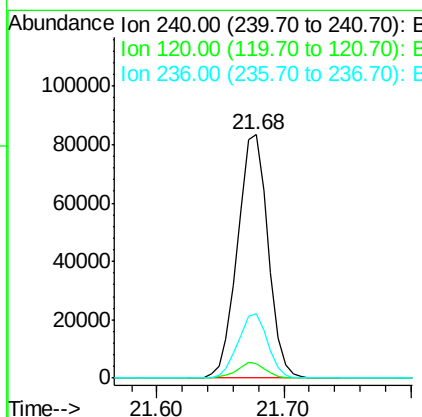
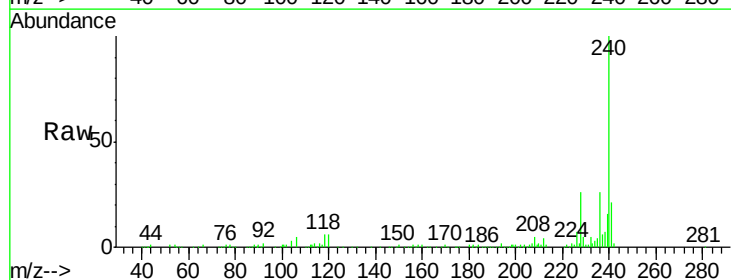
Instrument :
BNA_G
ClientSampleId :
PB116511BS

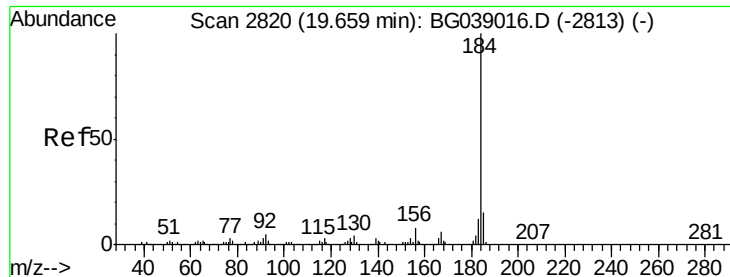
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	356592		
101	6.6	0.0	26.9	
203	17.9	0.0	38.1	



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	139013		
120	6.0	4.3	6.5	
236	26.3	20.1	30.1	

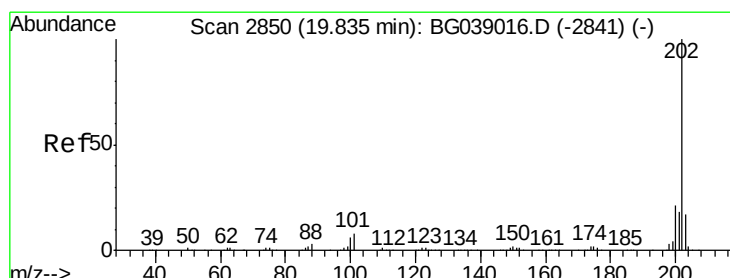
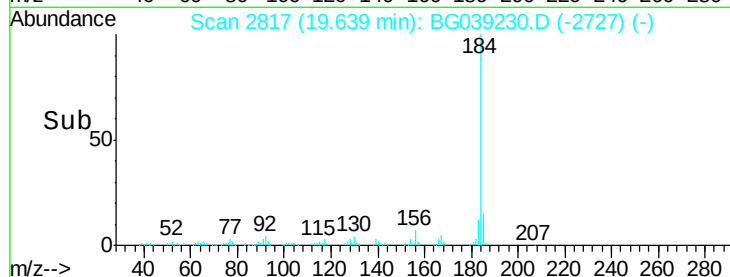
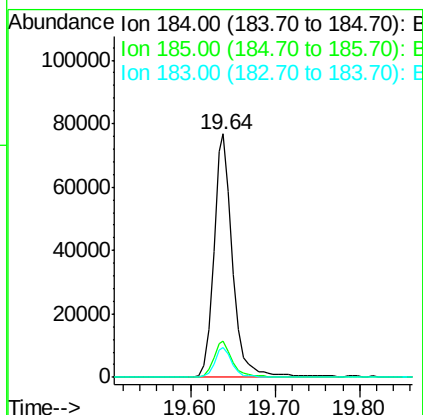
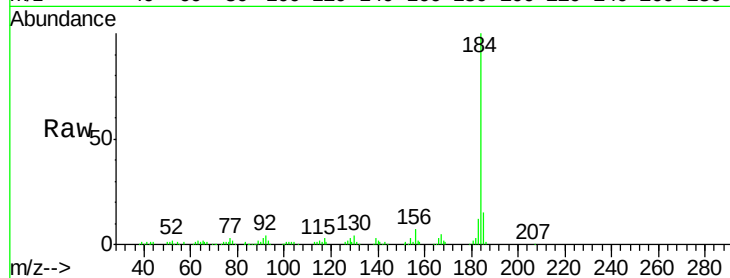




#77
Benzidine
Concen: 28.254 ng
RT: 19.64 min Scan# 2817
Delta R.T. -0.00 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

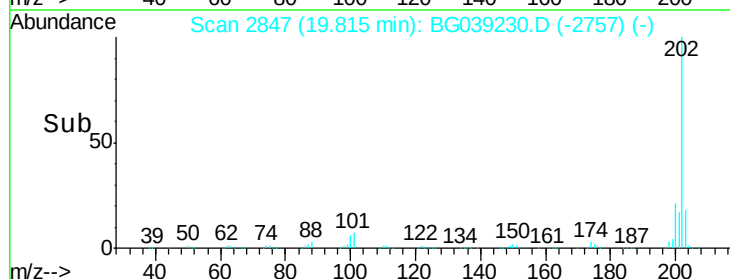
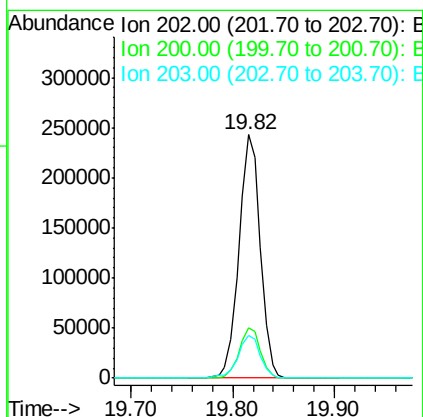
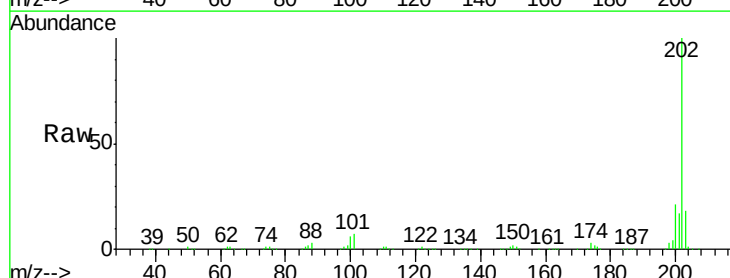
Instrument :
BNA_G
ClientSampleId :
PB116511BS

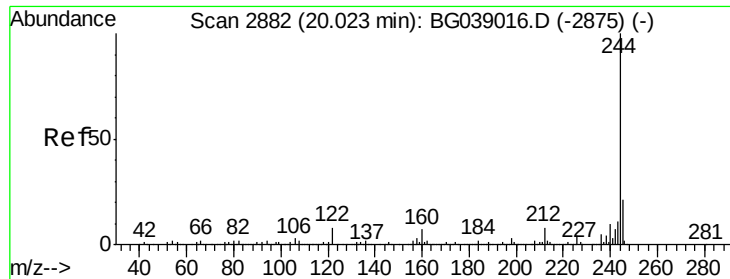
Tgt Ion:184 Resp: 120131
Ion Ratio Lower Upper
184 100
185 15.0 12.1 18.1
183 12.4 9.5 14.3



#78
Pyrene
Concen: 39.910 ng
RT: 19.82 min Scan# 2847
Delta R.T. -0.00 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Tgt Ion:202 Resp: 353568
Ion Ratio Lower Upper
202 100
200 20.8 17.0 25.6
203 17.6 14.0 21.0

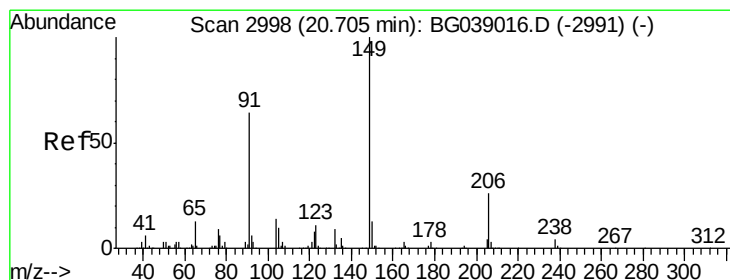
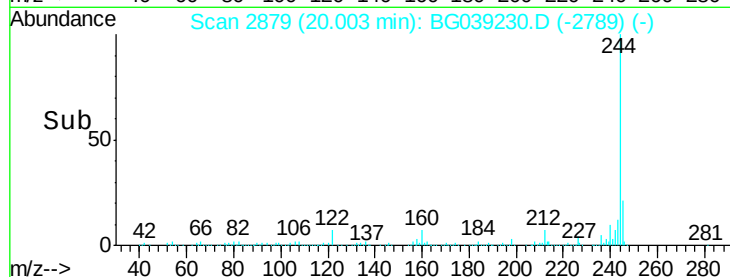
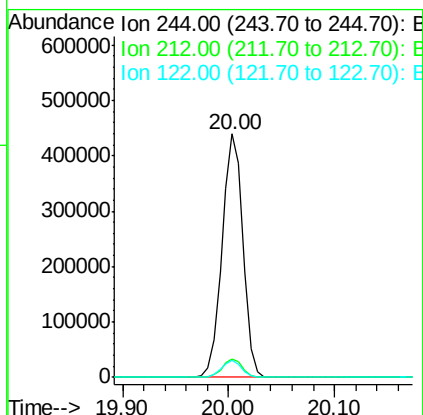
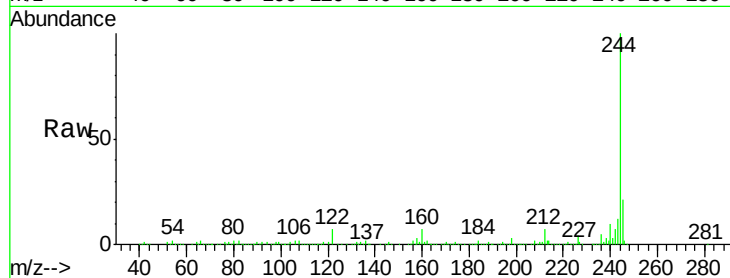




#79
 Terphenyl-d14
 Concen: 79.758 ng
 RT: 20.00 min Scan# 2879
 Delta R.T. -0.00 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

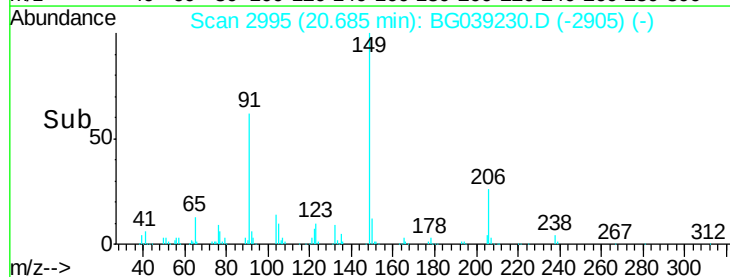
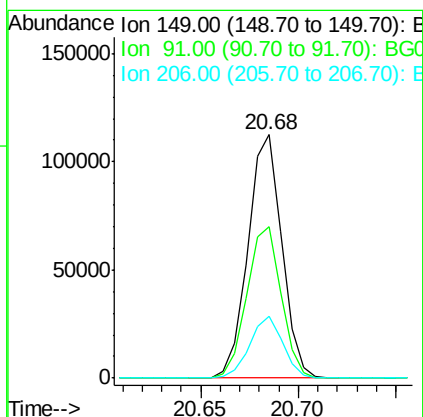
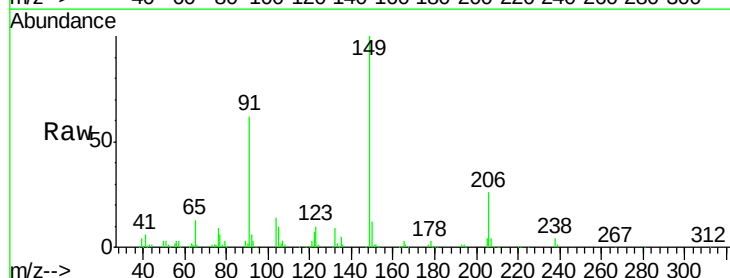
Instrument :
 BNA_G
 ClientSampleId :
 PB116511BS

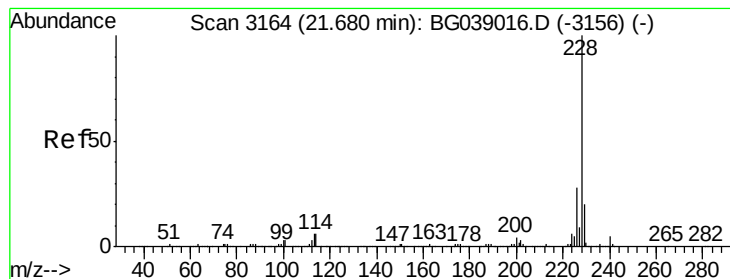
Tgt Ion:244 Resp: 599350
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 6.8 6.1 9.1



#80
 Butylbenzylphthalate
 Concen: 39.979 ng
 RT: 20.68 min Scan# 2995
 Delta R.T. -0.00 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

Tgt Ion:149 Resp: 134706
 Ion Ratio Lower Upper
 149 100
 91 62.2 51.4 77.0
 206 25.6 20.4 30.6





#81

Benzo(a)anthracene

Concen: 41.669 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB116511BS

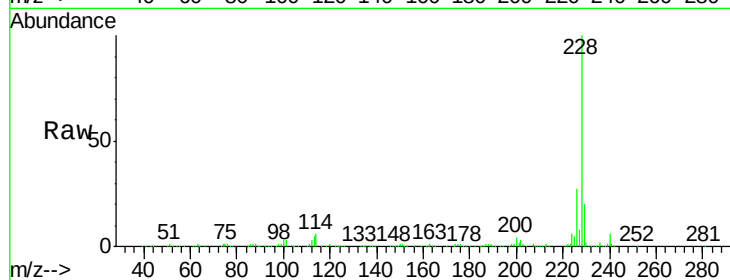
Tgt Ion:228 Resp: 352616

Ion Ratio Lower Upper

228 100

226 27.1 22.4 33.6

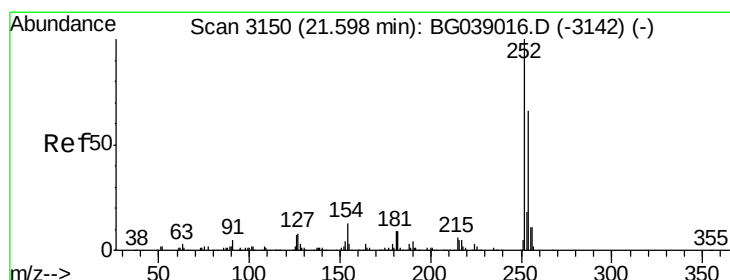
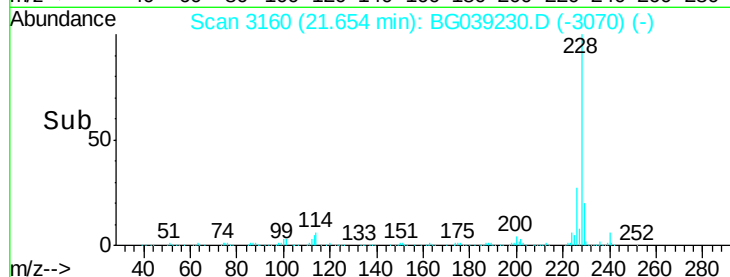
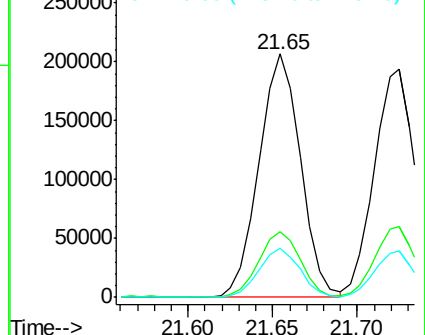
229 20.0 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.514 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

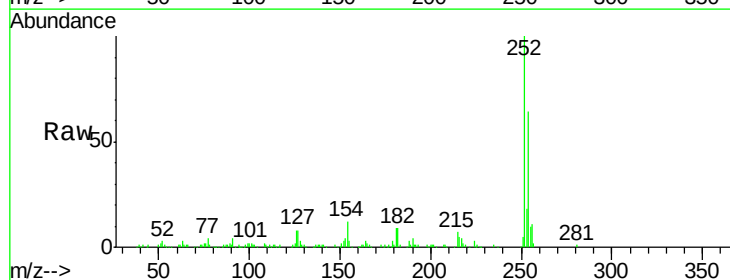
Tgt Ion:252 Resp: 94867

Ion Ratio Lower Upper

252 100

254 64.2 53.0 79.6

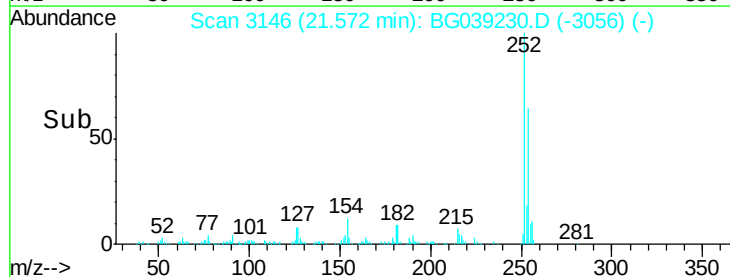
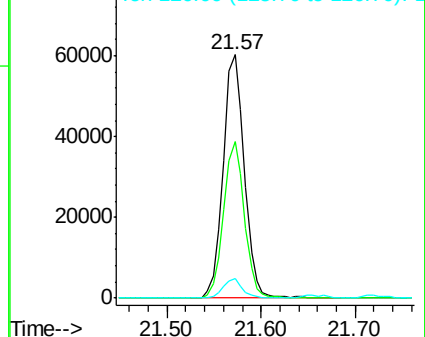
126 7.9 6.0 9.0

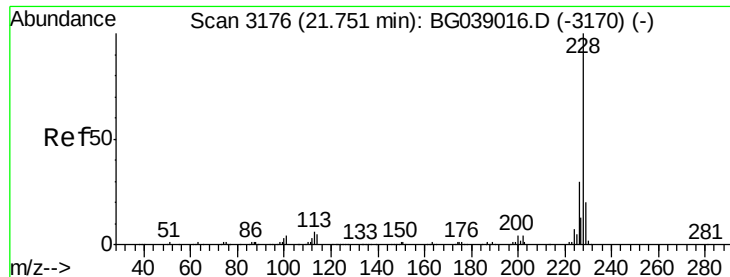


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.472 ng

RT: 21.72 min Scan# 3172

Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB116511BS

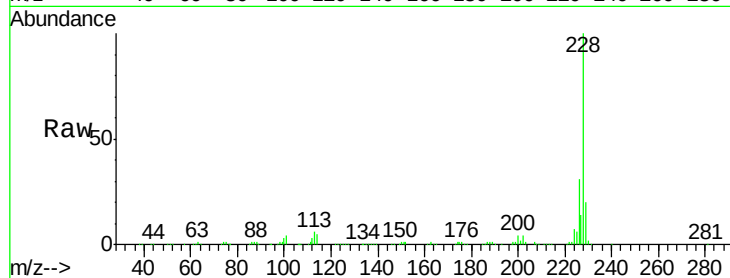
Tgt Ion:228 Resp: 325739

Ion Ratio Lower Upper

228 100

226 31.0 24.1 36.1

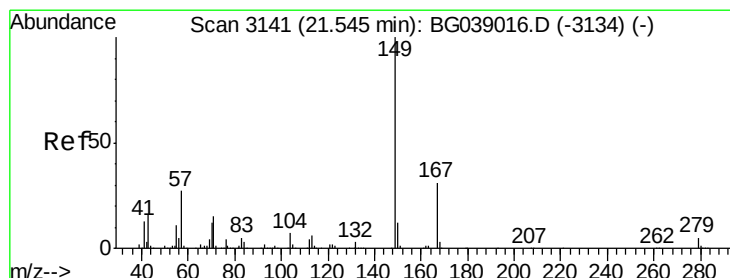
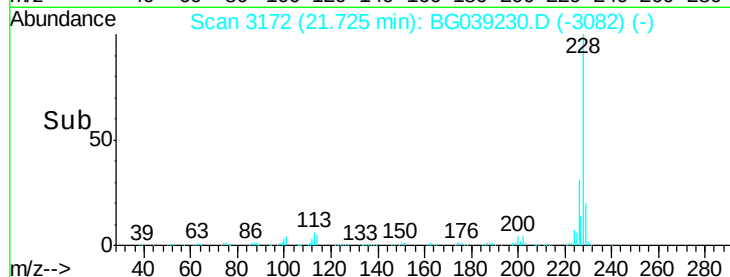
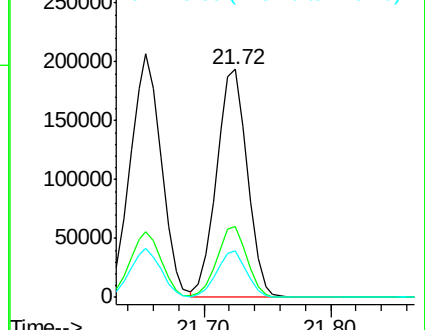
229 20.3 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.526 ng

RT: 21.52 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

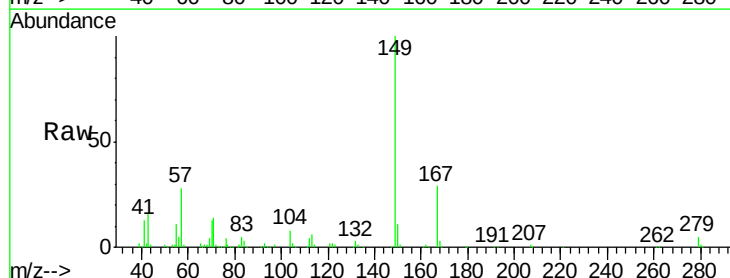
Tgt Ion:149 Resp: 184924

Ion Ratio Lower Upper

149 100

167 28.8 25.0 37.4

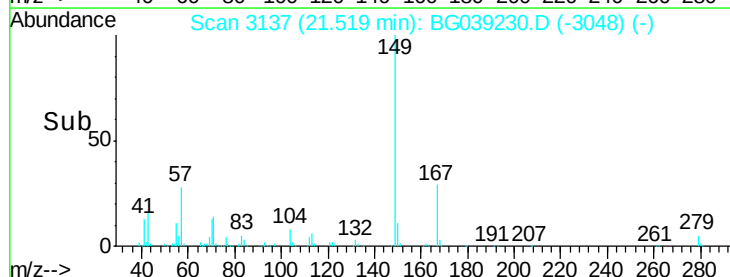
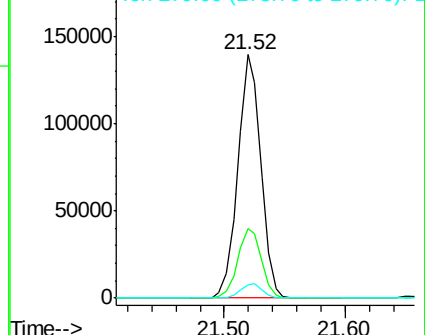
279 5.4 4.3 6.5

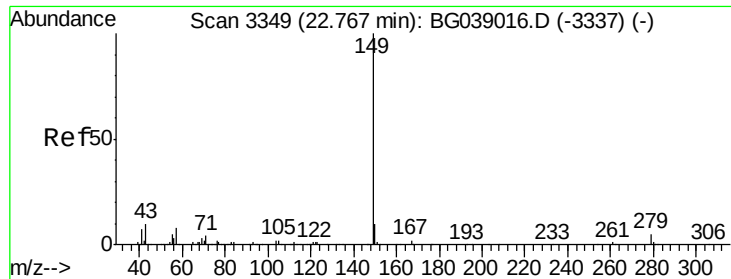


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

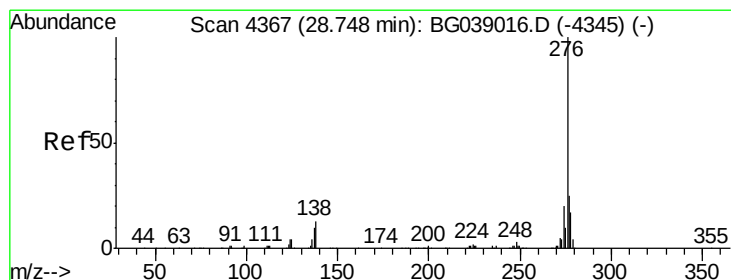
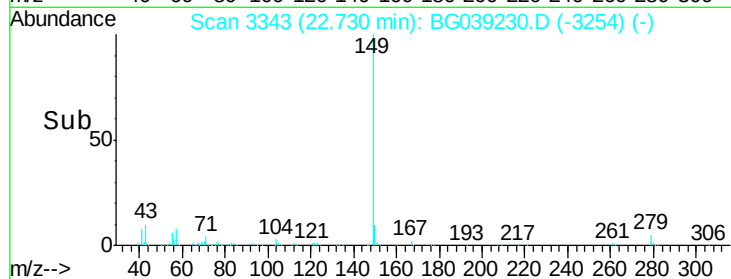
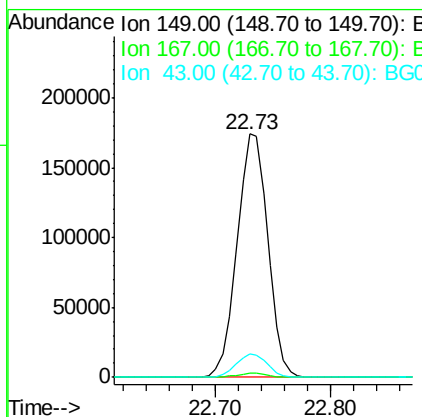
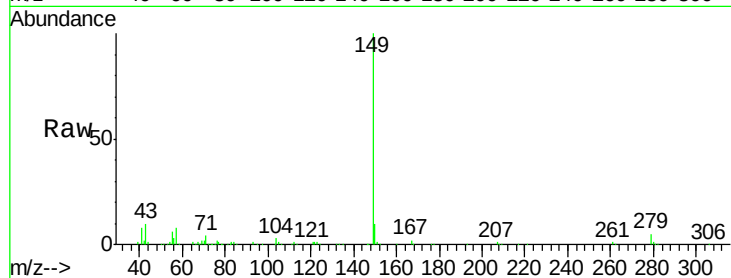




#85
Di-n-octyl phthalate
Concen: 40.459 ng
RT: 22.73 min Scan# 3343
Delta R.T. -0.01 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

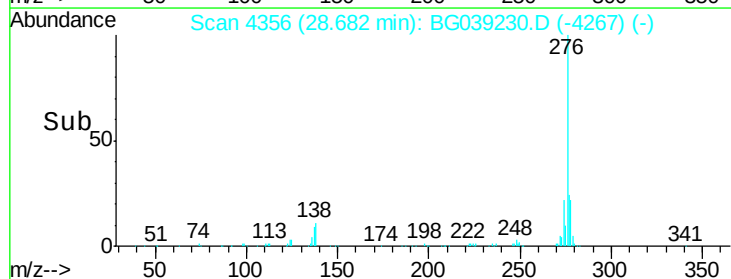
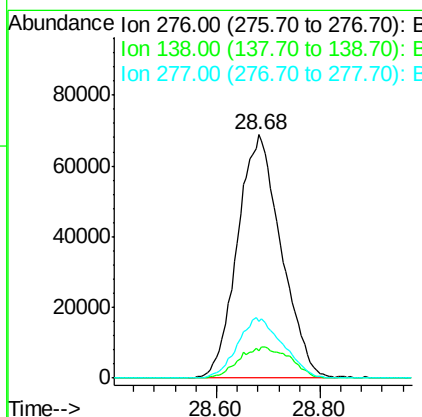
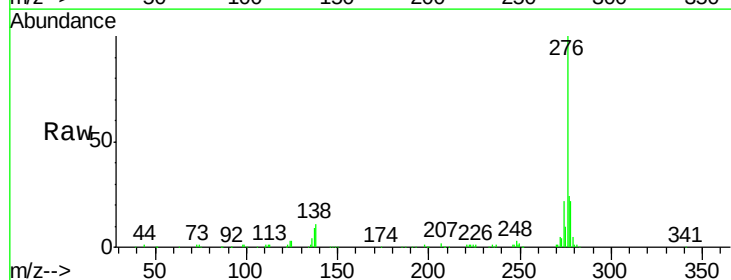
Instrument :
BNA_G
ClientSampleId :
PB116511BS

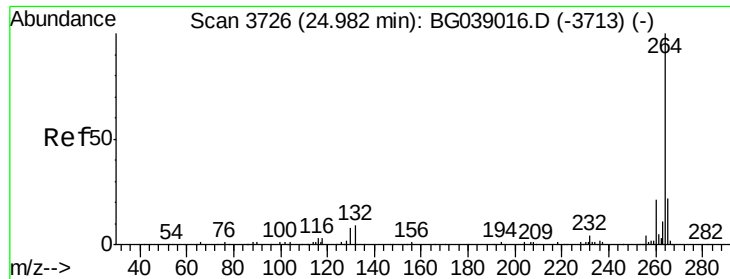
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	9.9	7.5	11.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.964 ng
RT: 28.68 min Scan# 4356
Delta R.T. -0.01 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.9	8.0	12.0#
277	25.6	20.3	30.5



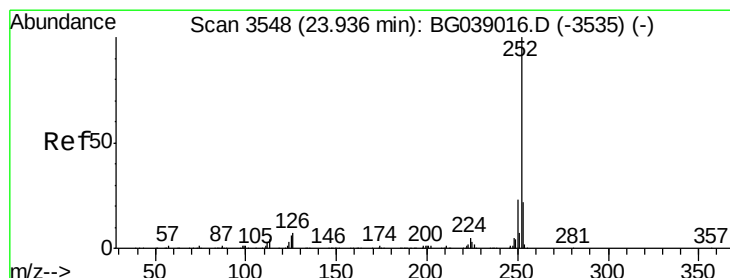
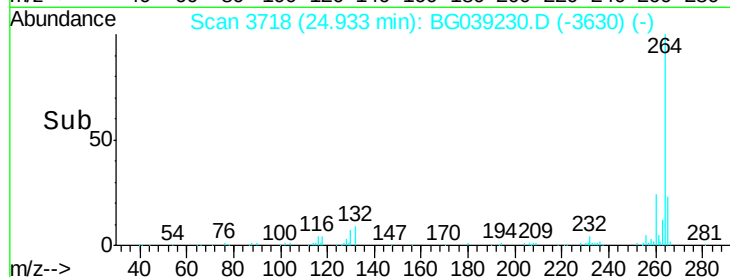
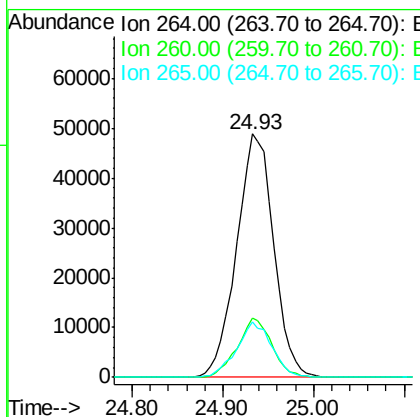
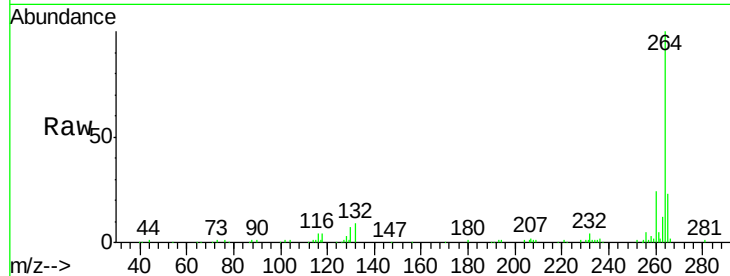


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3718
Delta R.T. -0.02 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB116511BS

Tgt Ion: 264 Resp: 138469

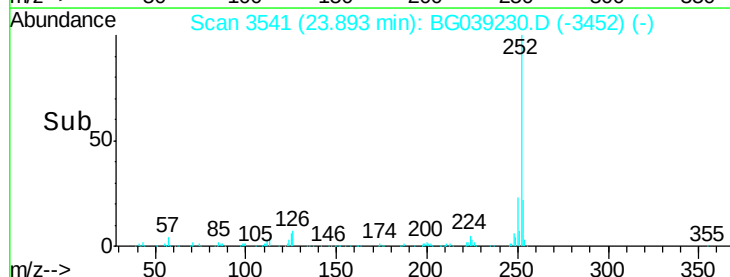
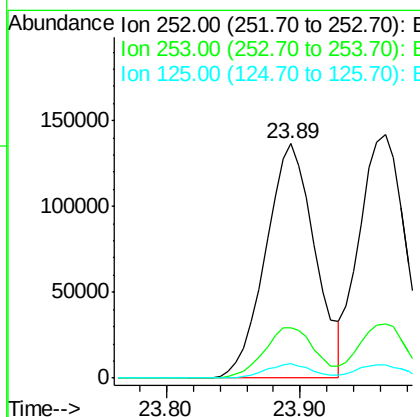
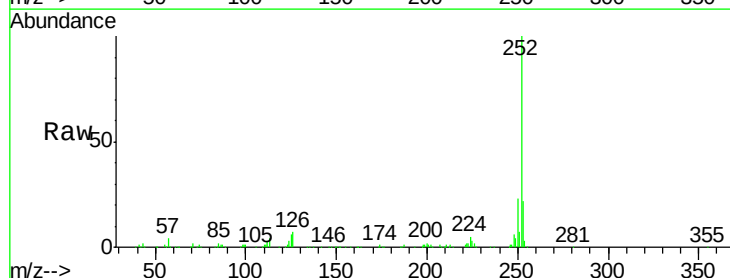
Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.0	25.6
265	23.0	17.2	25.8

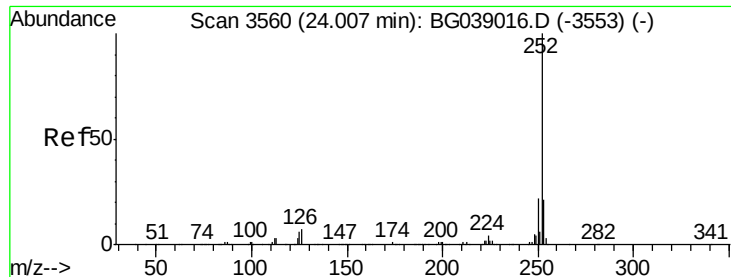


#88
Benzo(b)fluoranthene
Concen: 45.914 ng
RT: 23.89 min Scan# 3541
Delta R.T. -0.01 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Tgt Ion: 252 Resp: 350561

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.6
125	5.9	4.9	7.3





#89

Benzo(k)fluoranthene

Concen: 44.439 ng

RT: 23.96 min Scan# 3553

Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

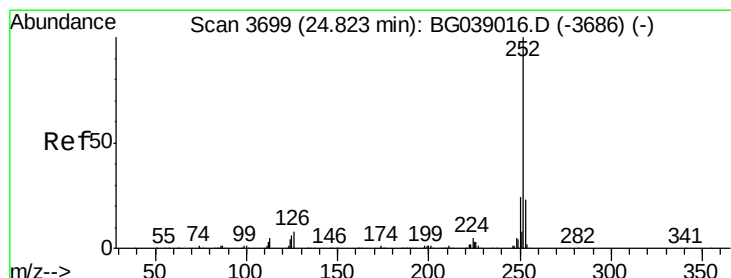
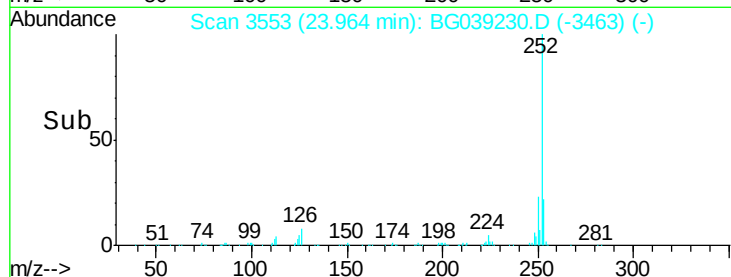
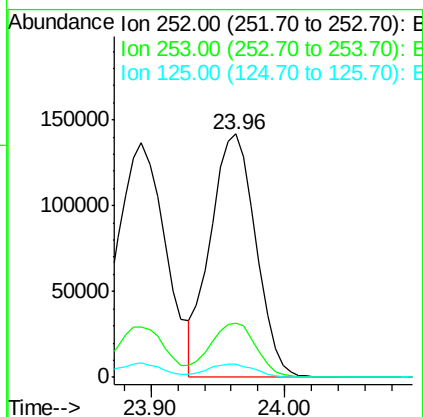
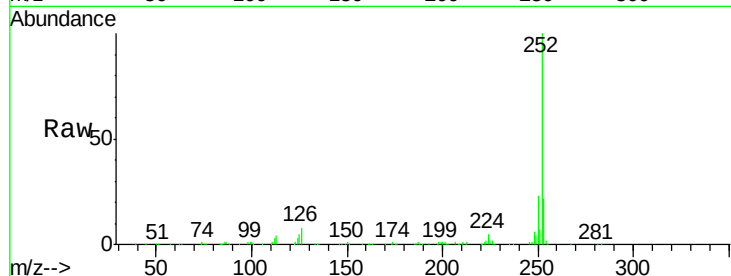
Instrument :

BNA_G

ClientSampleId :

PB116511BS

Tgt Ion:	252	Resp:	335471
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	5.5	4.6	7.0



#90

Benzo(a)pyrene

Concen: 46.401 ng

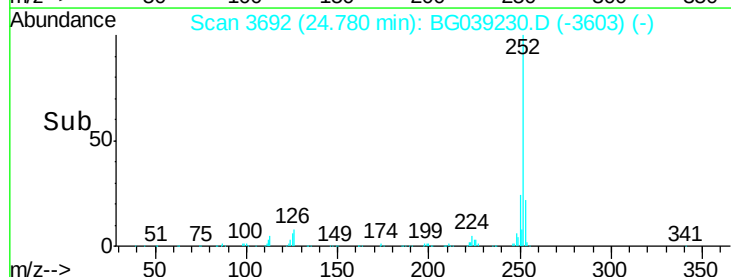
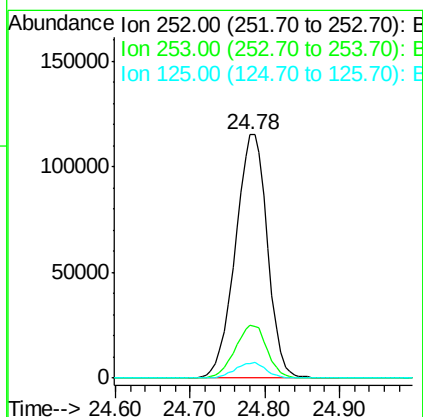
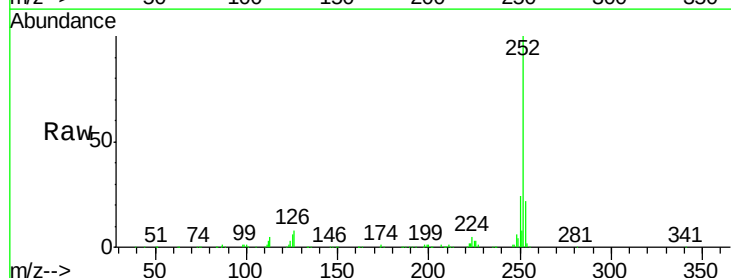
RT: 24.78 min Scan# 3692

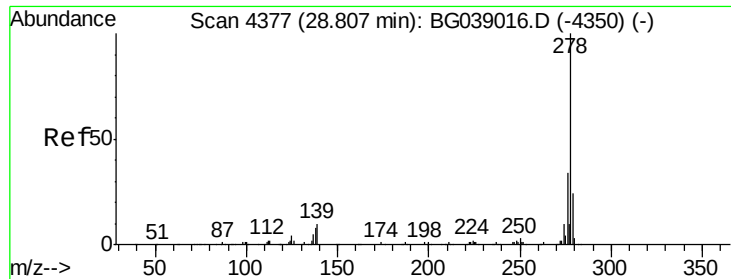
Delta R.T. -0.01 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Tgt Ion:	252	Resp:	342438
Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.3	27.5
125	6.2	4.9	7.3





#91

Dibenzo(a,h)anthracene

Concen: 45.840 ng

RT: 28.73 min Scan# 4365

Delta R.T. -0.01 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB116511BS

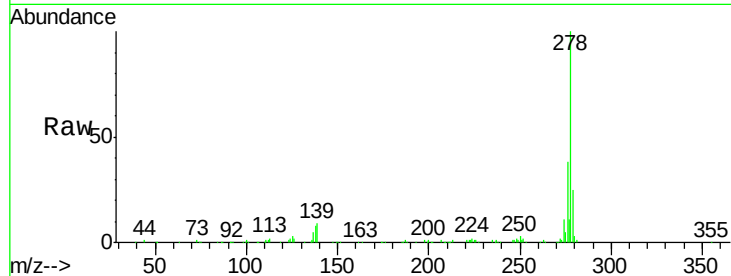
Tgt Ion:278 Resp: 336497

Ion Ratio Lower Upper

278 100

139 8.9 7.9 11.9

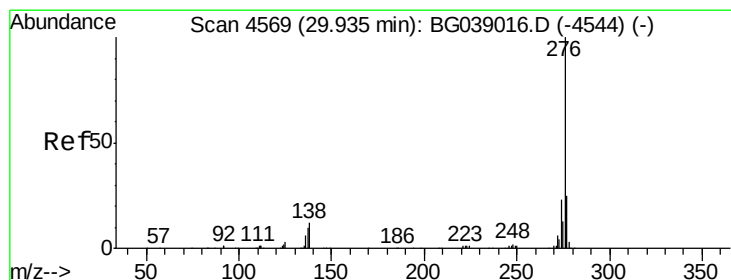
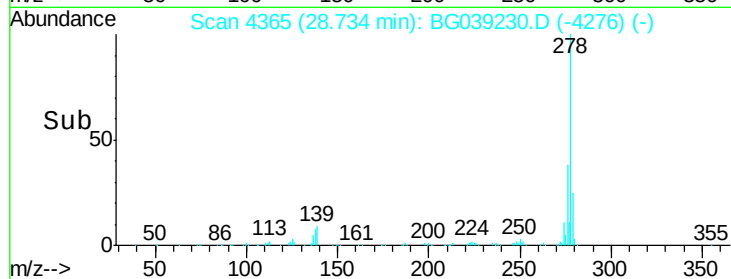
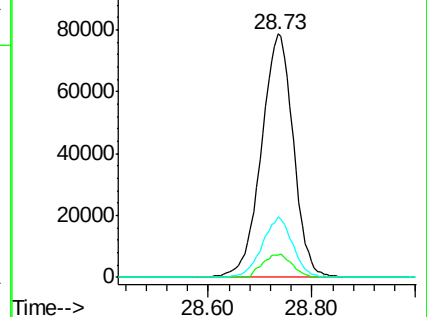
279 24.7 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.541 ng

RT: 29.86 min Scan# 4557

Delta R.T. -0.01 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

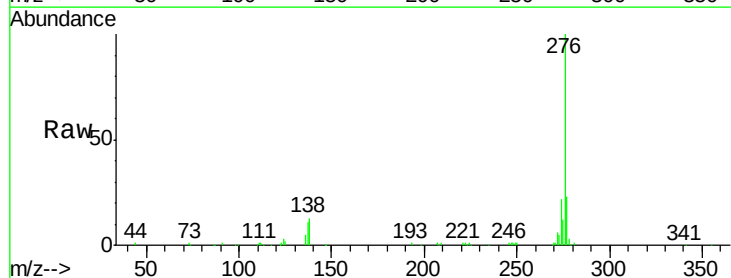
Tgt Ion:276 Resp: 338218

Ion Ratio Lower Upper

276 100

277 22.5 20.3 30.5

138 12.5 9.4 14.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

