

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031319\
 Data File : BG039922.D
 Acq On : 14 Mar 2019 4:01
 Operator : JU/SJ
 Sample : PB117835BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 14 04:54:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	40102	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	164636	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	108561	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	268156	20.00	ng	-0.02
76) Chrysene-d12	21.81	240	288077	20.00	ng	-0.02
87) Perylene-d12	25.17	264	297070	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	319503	135.92	ng	-0.02
7) Phenol-d6	7.30	99	440728	125.75	ng	-0.02
23) Nitrobenzene-d5	9.32	82	238727	78.42	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	171649	135.65	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	574365	75.33	ng	-0.02
79) Terphenyl-d14	20.11	244	995559	76.09	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.58	88	40543	37.359	ng	97
3) Pyridine	3.98	79	101331	34.878	ng	98
4) n-Nitrosodimethylamine	3.90	42	52076	37.784	ng	91
6) Aniline	7.47	93	113435	24.703	ng	98
8) 2-Chlorophenol	7.71	128	112095	39.307	ng	98
9) Benzaldehyde	7.29	77	62733	27.747	ng	95
10) Phenol	7.32	94	148521	39.116	ng	97
11) bis(2-Chloroethyl)ether	7.56	93	106294	35.906	ng	97
12) 1,3-Dichlorobenzene	8.03	146	118849	36.849	ng	96
13) 1,4-Dichlorobenzene	8.18	146	120821	36.777	ng	97
14) 1,2-Dichlorobenzene	8.50	146	116071	36.568	ng	96
15) Benzyl Alcohol	8.38	79	105534	37.958	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	212626	35.912	ng	98
17) 2-Methylphenol	8.58	107	96134	39.707	ng	97
18) Hexachloroethane	9.23	117	43546	36.941	ng	97
19) n-Nitroso-di-n-propylamine	8.95	70	87049	34.505	ng	96
20) 3+4-Methylphenols	8.91	107	132244	39.318	ng	96
22) Acetophenone	8.98	105	164969	37.334	ng	# 95
24) Nitrobenzene	9.37	77	129897	40.676	ng	99
25) Isophorone	9.88	82	245876	38.549	ng	99
26) 2-Nitrophenol	10.08	139	64113	41.581	ng	93
27) 2,4-Dimethylphenol	10.12	122	113635	47.387	ng	94
28) bis(2-Chloroethoxy)methane	10.36	93	152450	39.331	ng	98
29) 2,4-Dichlorophenol	10.60	162	119751	44.354	ng	94
30) 1,2,4-Trichlorobenzene	10.82	180	121536	40.004	ng	99
31) Naphthalene	11.02	128	345356	39.620	ng	99
32) Benzoic acid	10.23	122	28297	21.422	ng	96
33) 4-Chloroaniline	11.13	127	77063	20.849	ng	98
34) Hexachlorobutadiene	11.28	225	83228	40.089	ng	92
35) Caprolactam	11.90	113	24059	23.328	ng	90
36) 4-Chloro-3-methylphenol	12.23	107	124843	40.338	ng	95
37) 2-Methylnaphthalene	12.61	142	258115	39.607	ng	96
38) 1-Methylnaphthalene	12.61	142	258115	40.756	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	146122	39.731	ng	99

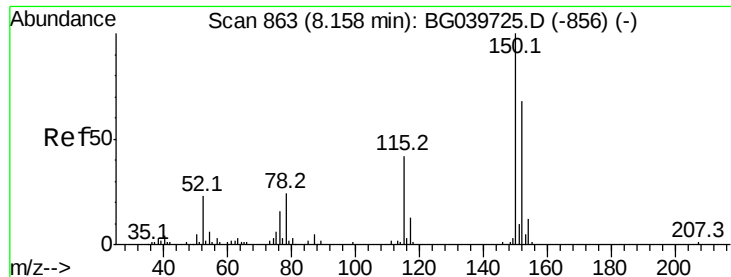
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031319\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	206123	104.581	ng	98
43) 2,4,6-Trichlorophenol	13.21	196	97193	45.139	ng	100
44) 2,4,5-Trichlorophenol	13.28	196	103792	42.765	ng	97
46) 1,1'-Biphenyl	13.61	154	349852	39.182	ng	99
47) 2-Chloronaphthalene	13.66	162	267892	39.881	ng	98
48) 2-Nitroaniline	13.86	65	91591	42.429	ng	95
49) Acenaphthylene	14.50	152	425467	38.584	ng	99
50) Dimethylphthalate	14.22	163	356743	39.299	ng	100
51) 2,6-Dinitrotoluene	14.35	165	78897	40.997	ng	95
52) Acenaphthene	14.84	154	256261	38.612	ng	98
53) 3-Nitroaniline	14.69	138	50373	26.040	ng	# 87
54) 2,4-Dinitrophenol	14.89	184	24819	24.363	ng	98
55) Dibenzofuran	15.17	168	426852	39.200	ng	98
56) 4-Nitrophenol	14.98	139	137971	79.728	ng	91
57) 2,4-Dinitrotoluene	15.13	165	113023	41.797	ng	89
58) Fluorene	15.82	166	332505	38.843	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.39	232	108400	45.733	ng	93
60) Diethylphthalate	15.57	149	361237	40.198	ng	98
61) 4-Chlorophenyl-phenylether	15.80	204	176570	38.654	ng	99
62) 4-Nitroaniline	15.85	138	86527	41.259	ng	95
63) Azobenzene	16.10	77	320756	39.376	ng	97
65) 4,6-Dinitro-2-methylphenol	15.89	198	34537	21.783	ng	92
66) n-Nitrosodiphenylamine	16.02	169	310459	39.991	ng	99
67) 4-Bromophenyl-phenylether	16.70	248	116393	38.777	ng	95
68) Hexachlorobenzene	16.81	284	121973	39.203	ng	92
69) Atrazine	16.96	200	130519	42.719	ng	97
70) Pentachlorophenol	17.16	266	140903	71.708	ng	98
71) Phenanthrene	17.56	178	576288	39.017	ng	99
72) Anthracene	17.65	178	596344	41.431	ng	99
73) Carbazole	17.92	167	530062	40.850	ng	98
74) Di-n-butylphthalate	18.45	149	647071	42.383	ng	100
75) Fluoranthene	19.56	202	725301	41.550	ng	99
77) Benzidine	19.75	184	308647	33.763	ng	98
78) Pyrene	19.93	202	732435	39.127	ng	99
80) Butylbenzylphthalate	20.79	149	303140	41.799	ng	94
81) Benzo(a)anthracene	21.78	228	699037	38.718	ng	99
82) 3,3'-Dichlorobenzidine	21.70	252	148623	22.547	ng	100
83) Chrysene	21.85	228	672785	38.437	ng	98
84) Bis(2-ethylhexyl)phthalate	21.65	149	429166	42.111	ng	99
85) Di-n-octyl phthalate	22.90	149	733592	43.473	ng	95
86) Indeno(1,2,3-cd)pyrene	29.03	276	795662	40.070	ng	99
88) Benzo(b)fluoranthene	24.09	252	697080	39.350	ng	97
89) Benzo(k)fluoranthene	24.16	252	688041	41.725	ng	99
90) Benzo(a)pyrene	25.01	252	681113	41.609	ng	99
91) Dibenzo(a,h)anthracene	29.10	278	647610	40.355	ng	99
92) Benzo(g,h,i)perylene	30.25	276	658442	40.853	ng	96

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

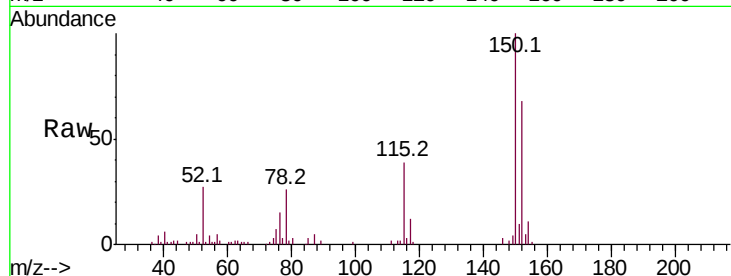


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039922.D
Acq: 14 Mar 2019 4:01

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.5	123.7	185.5
115	58.2	45.9	68.9

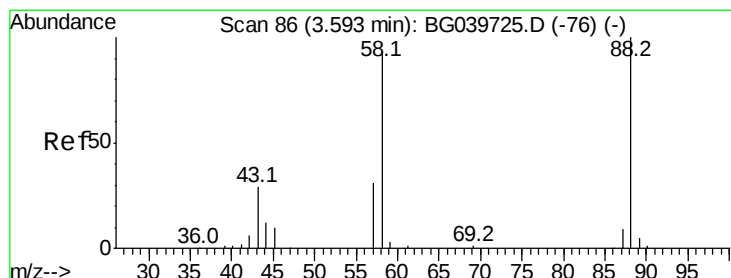
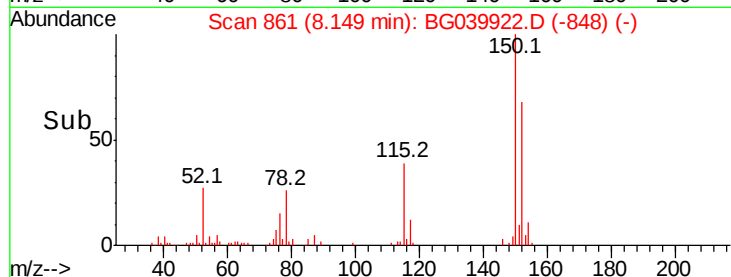
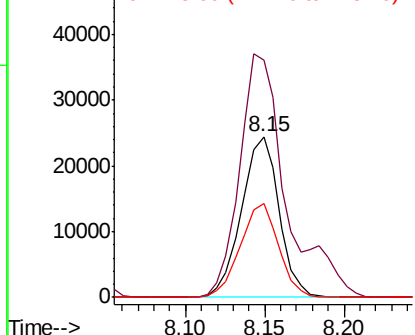


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

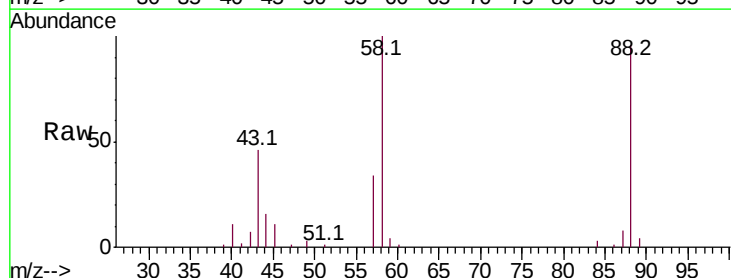
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.359 ng
RT: 3.58 min Scan# 83
Delta R.T. -0.03 min
Lab File: BG039922.D
Acq: 14 Mar 2019 4:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.4	81.1	121.7
43	42.0	31.4	47.0

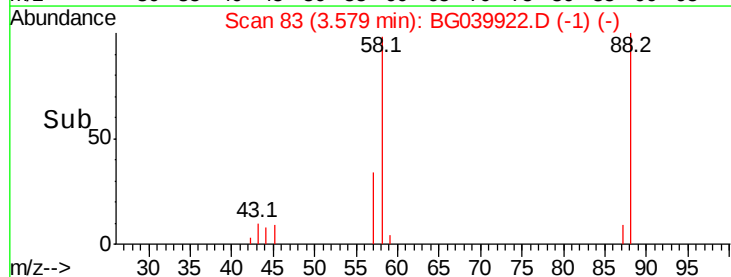
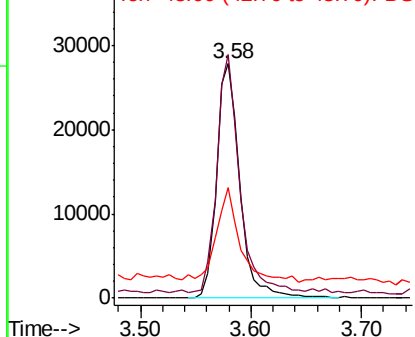


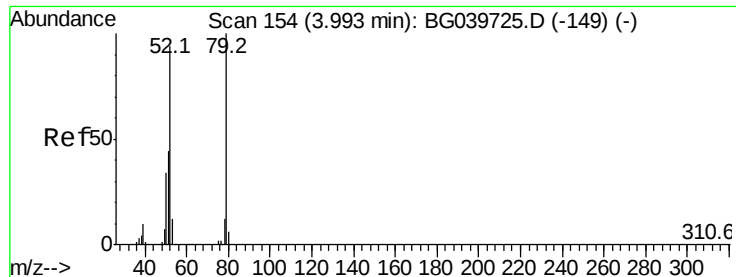
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.878 ng

RT: 3.98 min Scan# 151

Delta R.T. -0.03 min

Lab File: BG039922.D

Acq: 14 Mar 2019 4:01

Instrument :

BNA_G

ClientSampleId :

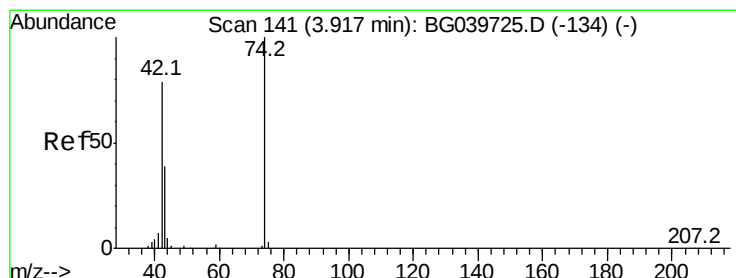
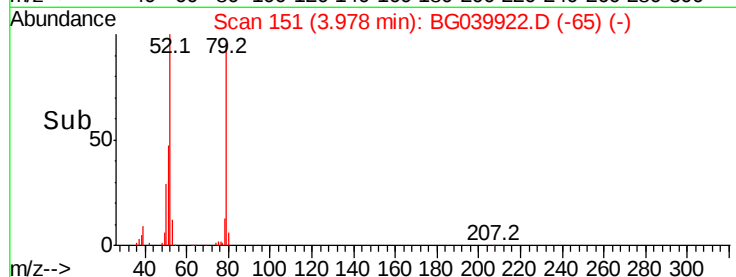
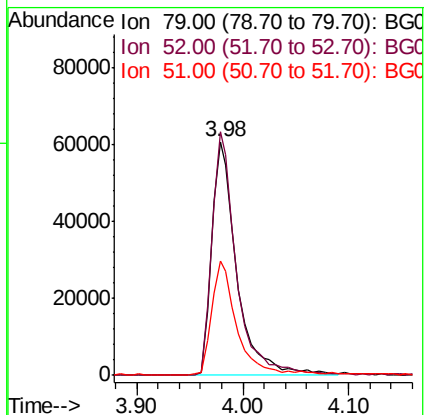
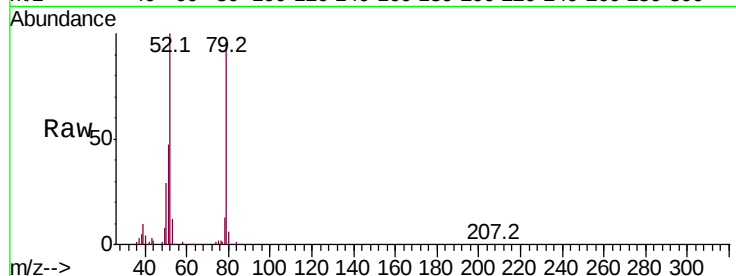
Tot Ion: 79 Resp: 101331

Ion Ratio Lower Upper

79 100

52 104.3 82.6 124.0

51 49.1 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 37.784 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG039922.D

Acq: 14 Mar 2019 4:01

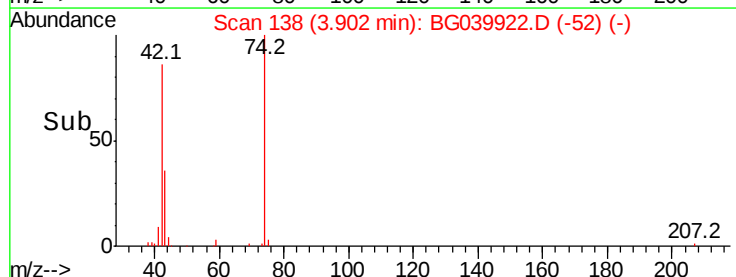
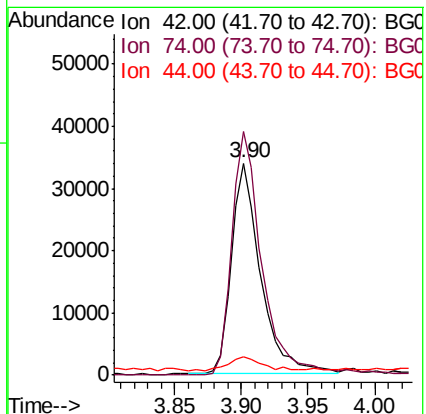
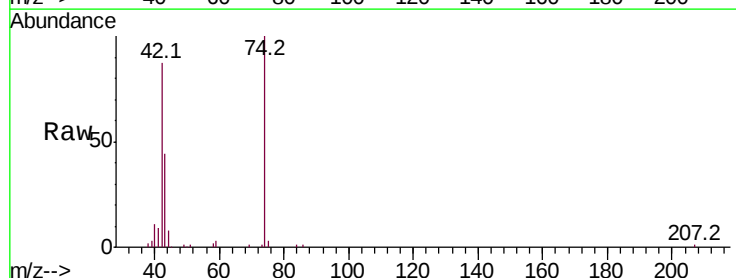
Tgt Ion: 42 Resp: 52076

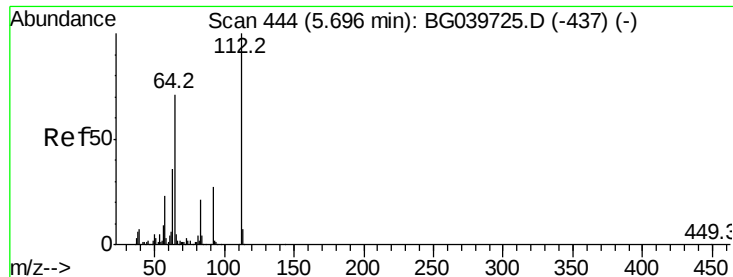
Ion Ratio Lower Upper

42 100

74 114.9 83.6 125.4

44 8.7 6.9 10.3





#5

2-Fluorophenol

Concen: 135.922 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG039922.D

Acq: 14 Mar 2019 4:01

Instrument :

BNA_G

ClientSampled :

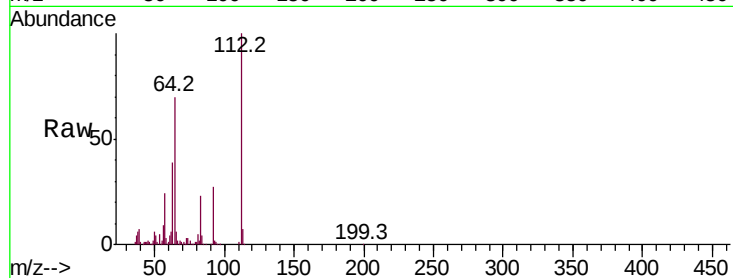
Tot Ion:112 Resp: 319503

Ion Ratio Lower Upper

112 100

64 70.2 57.8 86.8

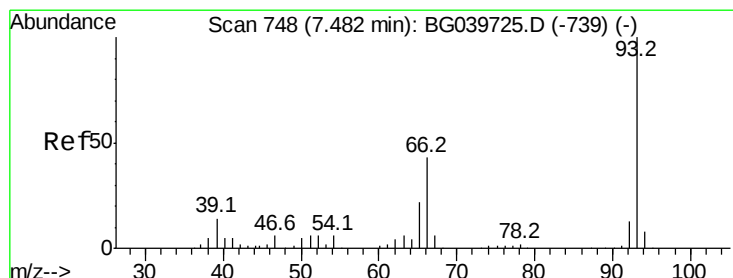
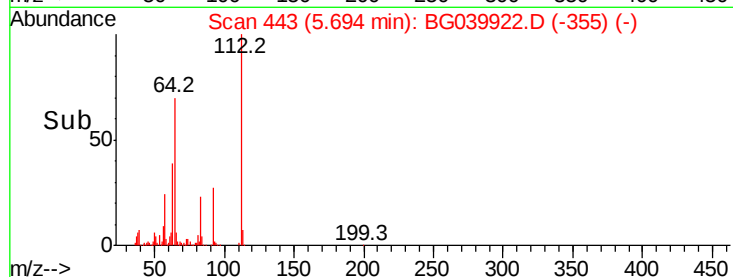
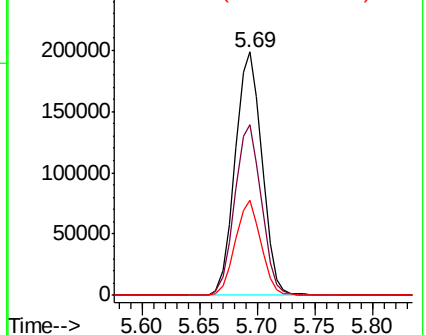
63 39.2 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 24.703 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BG039922.D

Acq: 14 Mar 2019 4:01

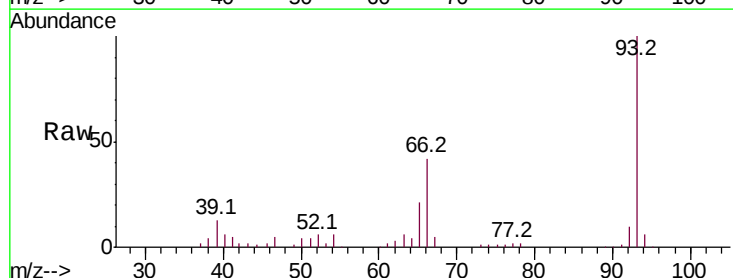
Tgt Ion: 93 Resp: 113435

Ion Ratio Lower Upper

93 100

66 41.6 34.2 51.4

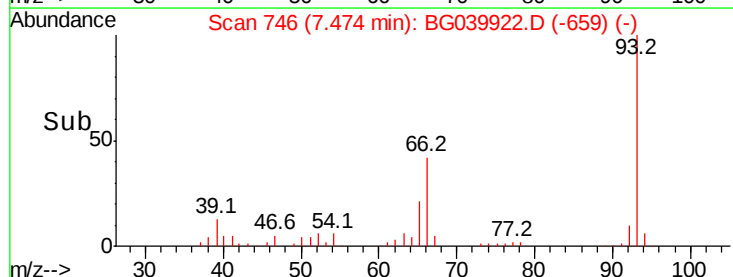
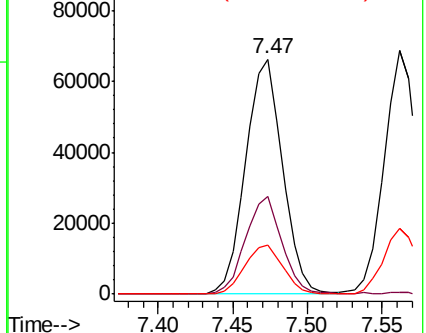
65 20.7 17.7 26.5

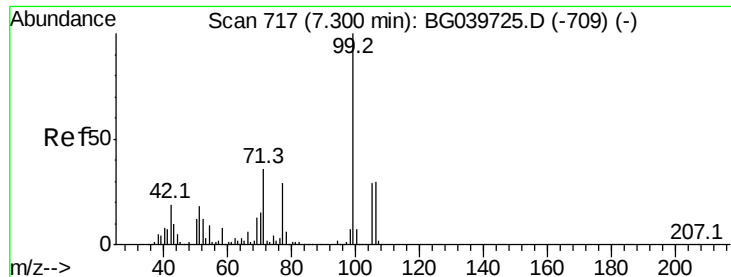


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 125.745 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039922.D

Acq: 14 Mar 2019 4:01

Instrument :

BNA_G

ClientSampleId :

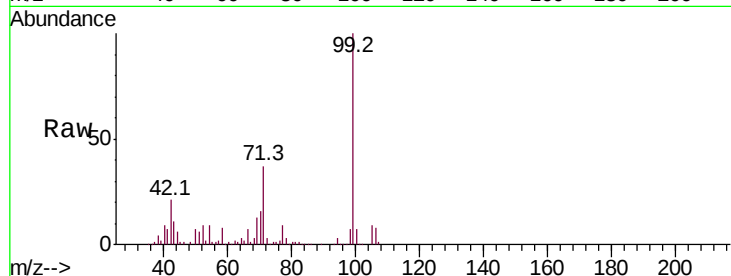
Tot Ion: 99 Resp: 440728

Ion Ratio Lower Upper

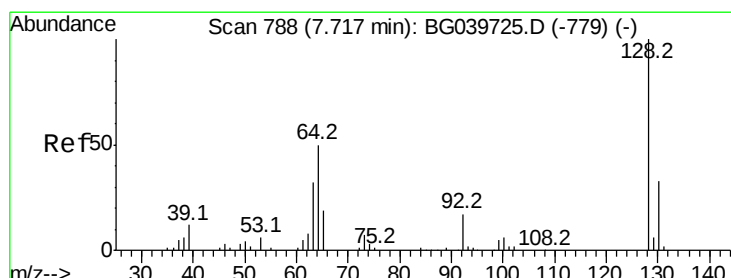
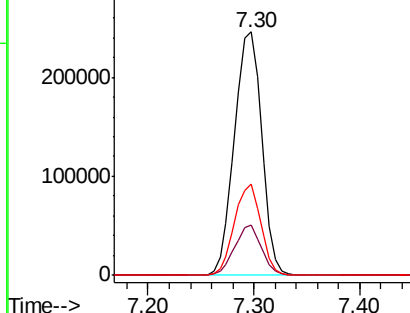
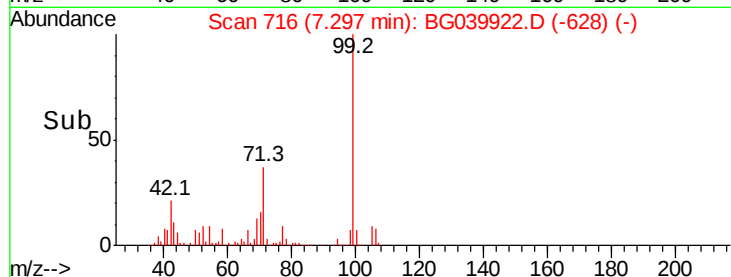
99 100

42 20.7 18.2 27.2

71 37.4 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 39.307 ng

RT: 7.71 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG039922.D

Acq: 14 Mar 2019 4:01

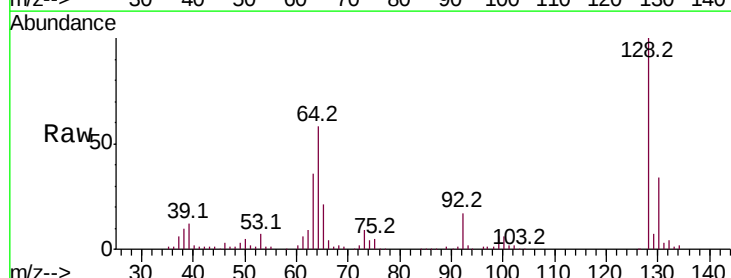
Tgt Ion: 128 Resp: 112095

Ion Ratio Lower Upper

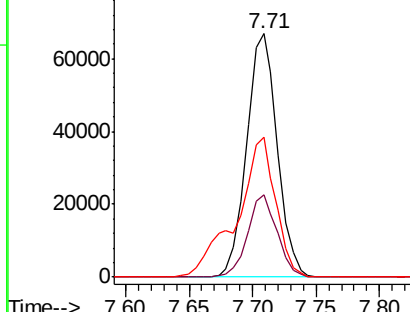
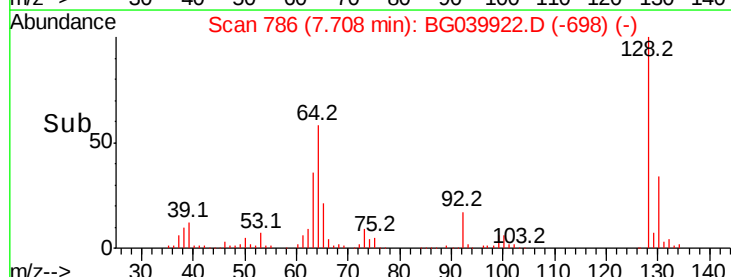
128 100

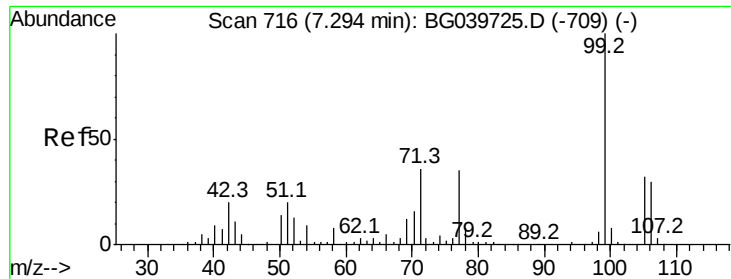
130 34.0 12.9 52.9

64 57.6 38.7 78.7



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





#9

Benzaldehyde

Concen: 27.747 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.02 min

Lab File: BG039922.D

Acq: 14 Mar 2019 4:01

Instrument :

BNA_G

ClientSampleId :

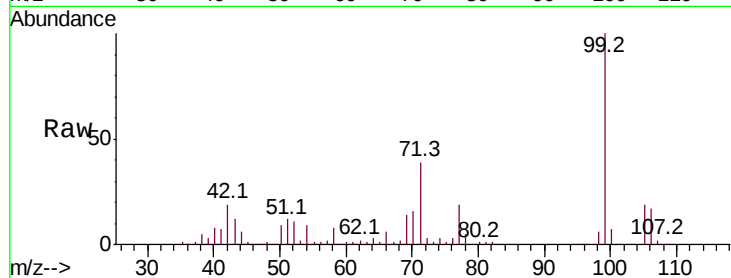
Tot Ion: 77 Resp: 62733

Ion Ratio Lower Upper

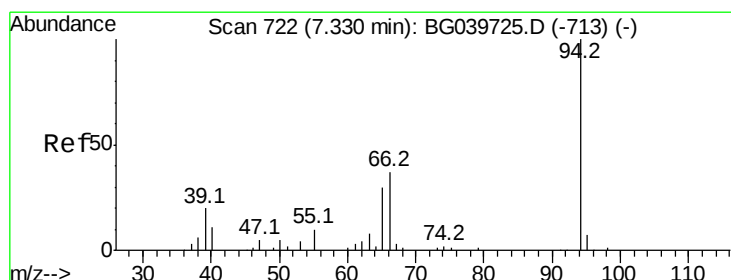
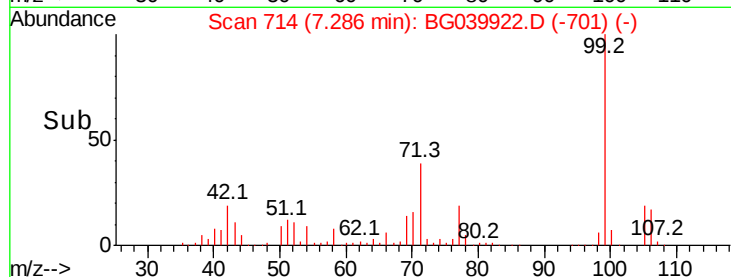
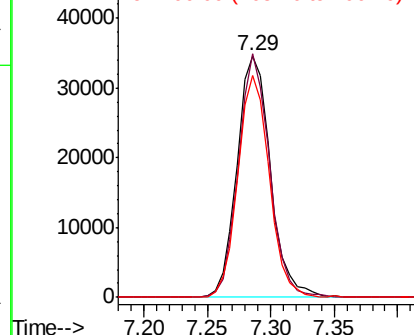
77 100

105 100.9 74.5 114.5

106 91.7 68.0 108.0



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



#10

Phenol

Concen: 39.116 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BG039922.D

Acq: 14 Mar 2019 4:01

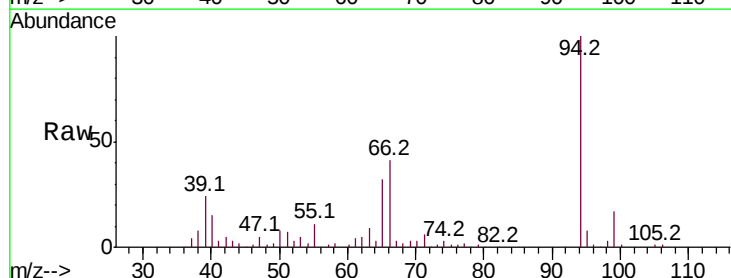
Tgt Ion: 94 Resp: 148521

Ion Ratio Lower Upper

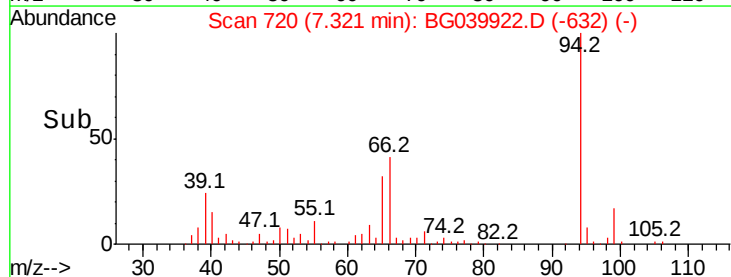
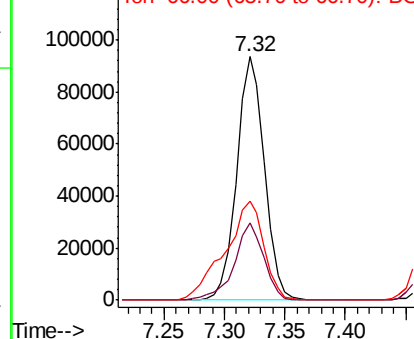
94 100

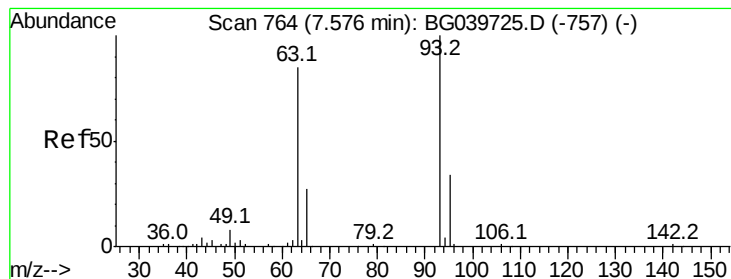
65 31.6 11.7 51.7

66 40.9 23.7 63.7



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





#11

bis(2-Chloroethyl)ether

Concen: 35.906 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.02 min

Lab File: BG039922.D

Acq: 14 Mar 2019 4:01

Instrument :

BNA_G

ClientSampleId :

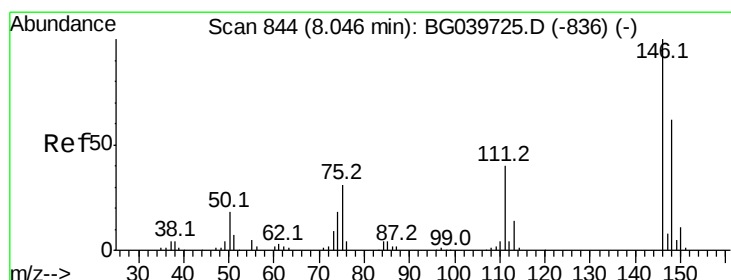
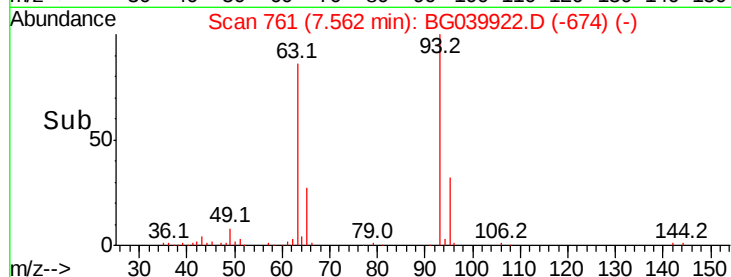
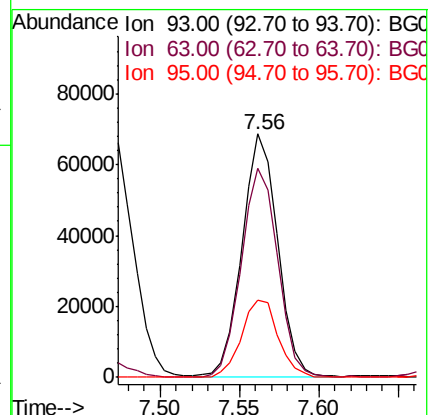
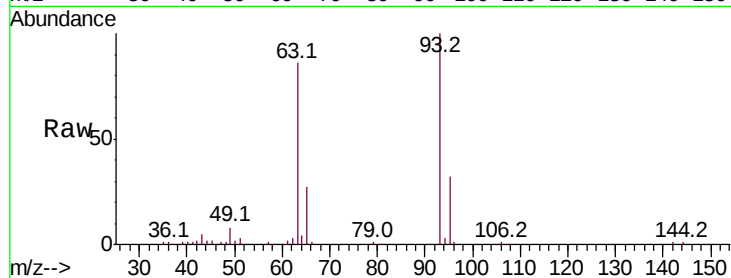
Tot Ion: 93 Resp: 106294

Ion Ratio Lower Upper

93 100

63 85.8 69.5 109.5

95 31.7 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 36.849 ng

RT: 8.03 min Scan# 841

Delta R.T. -0.02 min

Lab File: BG039922.D

Acq: 14 Mar 2019 4:01

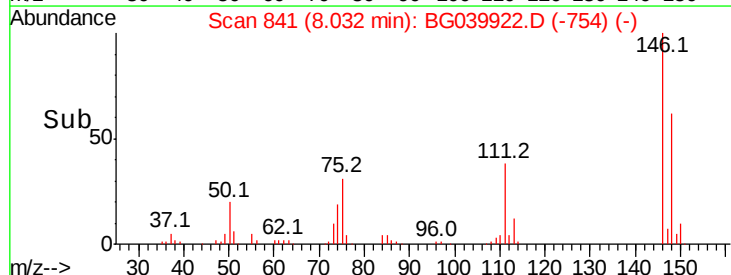
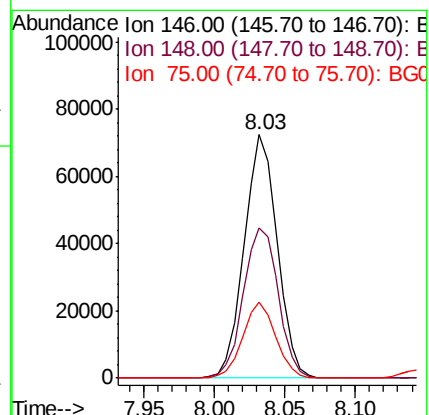
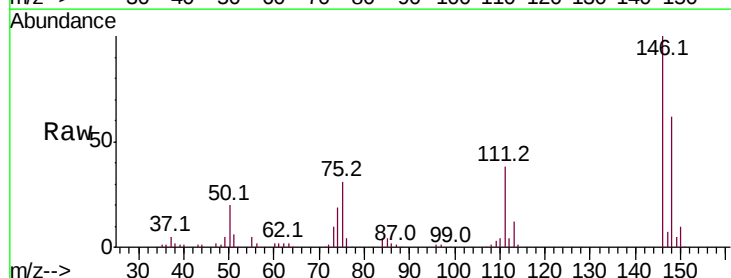
Tgt Ion: 146 Resp: 118849

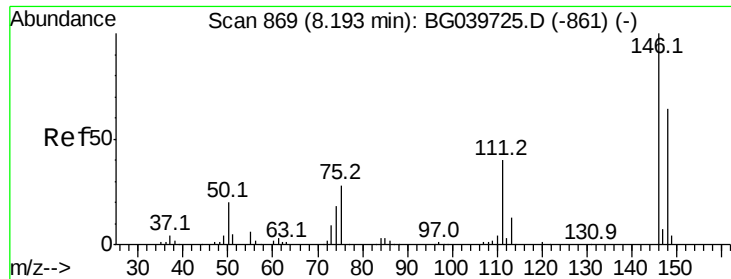
Ion Ratio Lower Upper

146 100

148 61.9 52.6 79.0

75 31.1 25.8 38.6

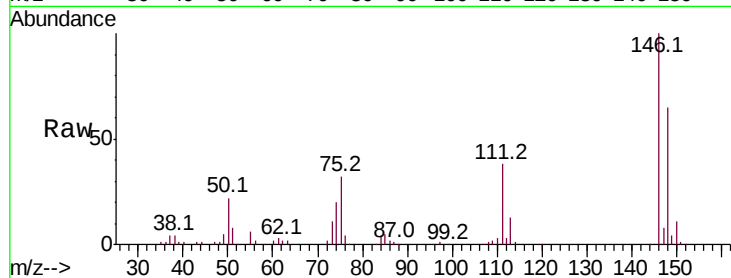




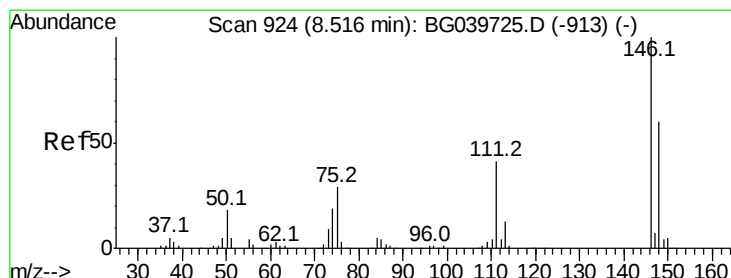
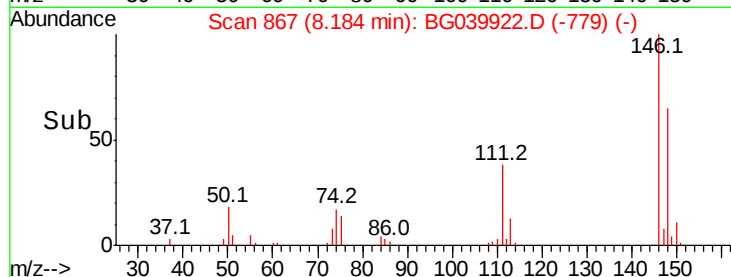
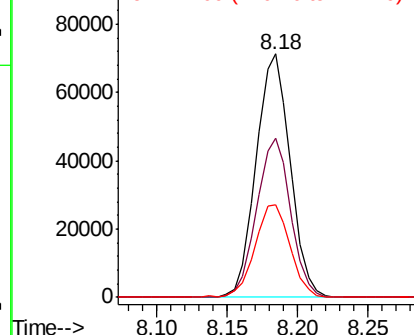
#13
 1,4-Dichlorobenzene
 Concen: 36.777 ng
 RT: 8.18 min Scan# 867
 Delta R.T. -0.02 min
 Lab File: BG039922.D
 Acq: 14 Mar 2019 4:01

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.1	76.7
111	37.8	32.6	48.8

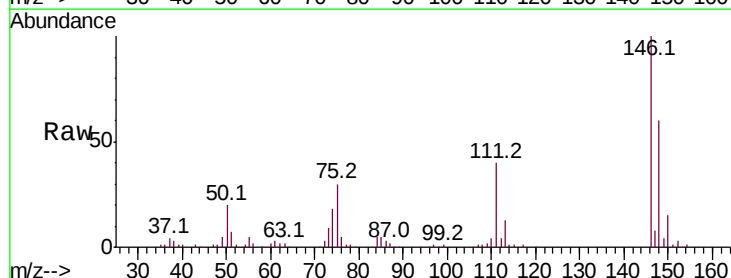


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

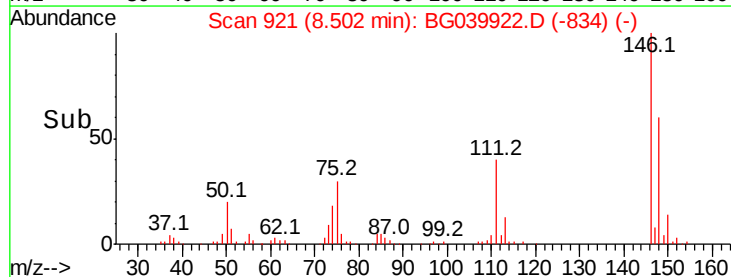
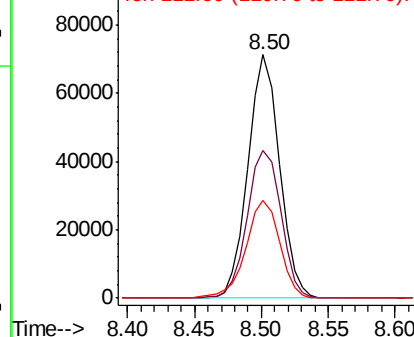


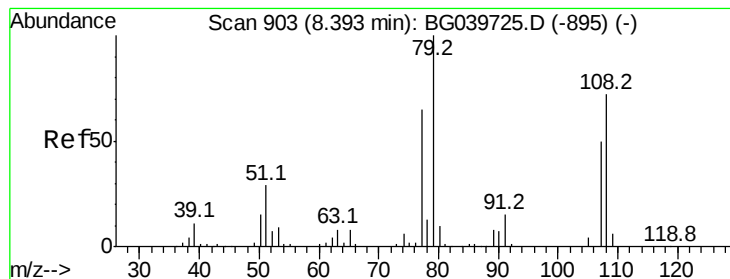
#14
 1,2-Dichlorobenzene
 Concen: 36.568 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG039922.D
 Acq: 14 Mar 2019 4:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.4	51.5	77.3
111	40.3	33.8	50.6



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





#15

Benzyl Alcohol

Concen: 37.958 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG039922.D

Acq: 14 Mar 2019 4:01

Instrument :

BNA_G

ClientSampleId :

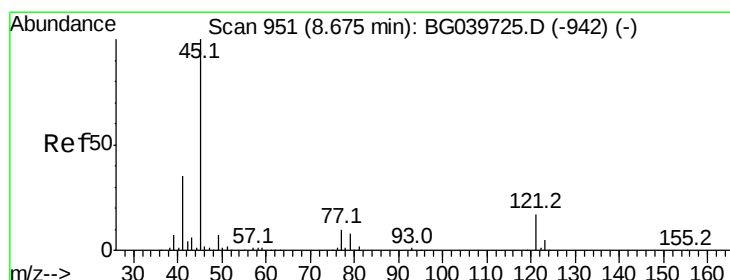
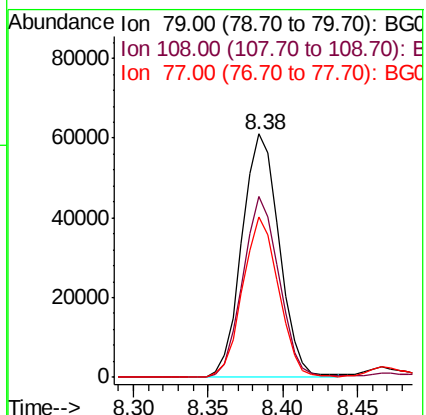
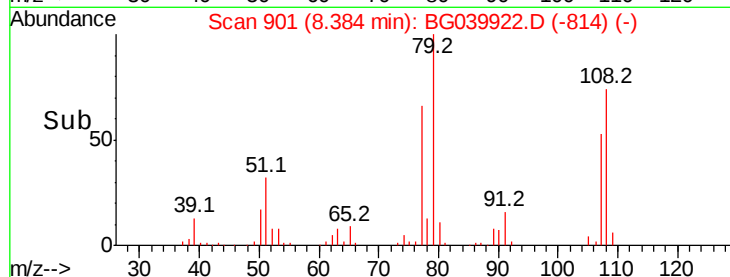
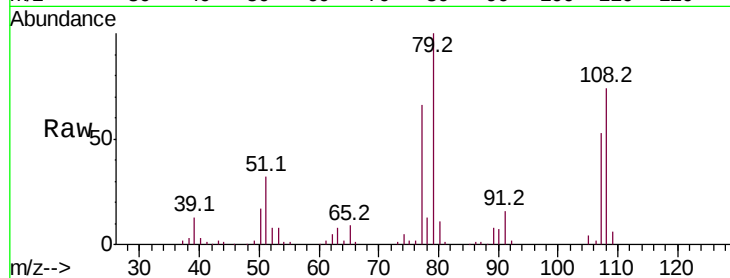
Tot Ion: 79 Resp: 105534

Ion Ratio Lower Upper

79 100

108 74.4 57.8 86.6

77 65.9 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.912 ng

RT: 8.67 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG039922.D

Acq: 14 Mar 2019 4:01

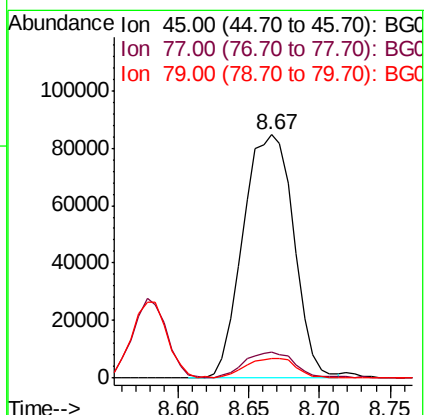
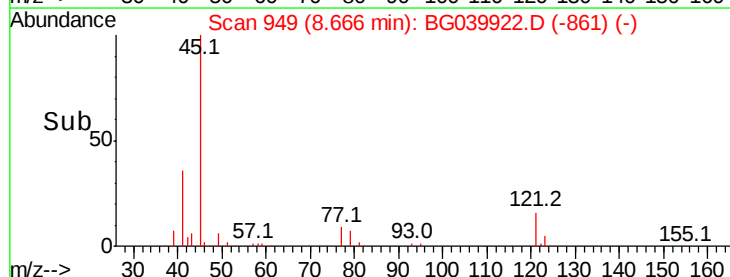
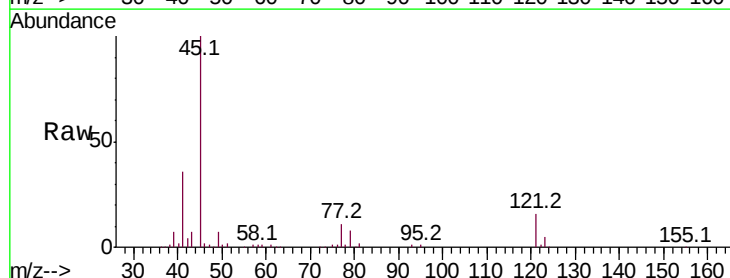
Tgt Ion: 45 Resp: 212626

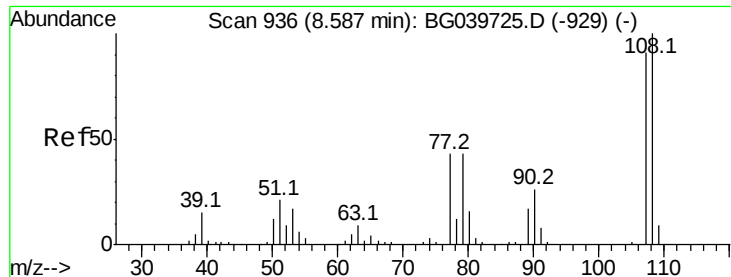
Ion Ratio Lower Upper

45 100

77 10.6 0.0 30.0

79 8.3 0.0 27.5

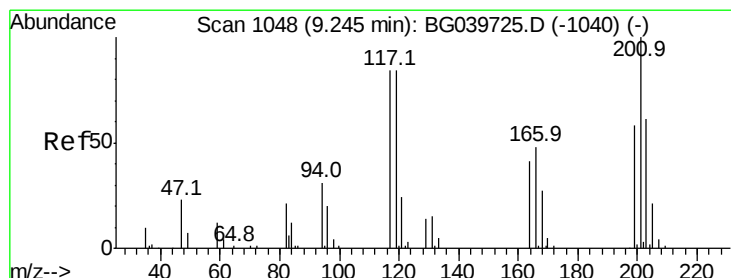
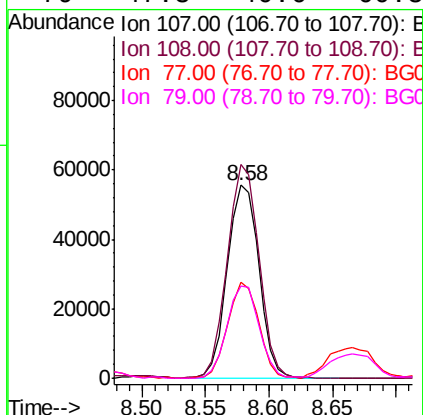
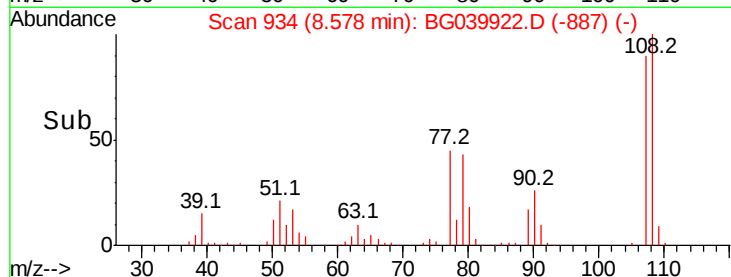
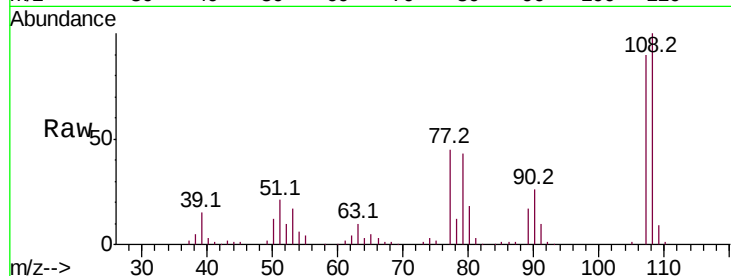




#17
2-Methylphenol
Concen: 39.707 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.02 min
Lab File: BG039922.D
Acq: 14 Mar 2019 4:01

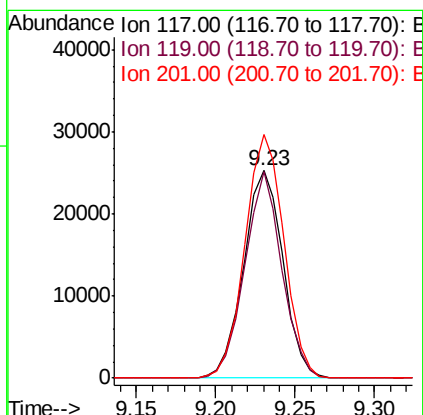
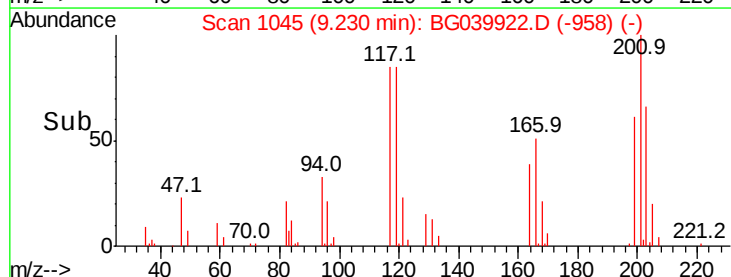
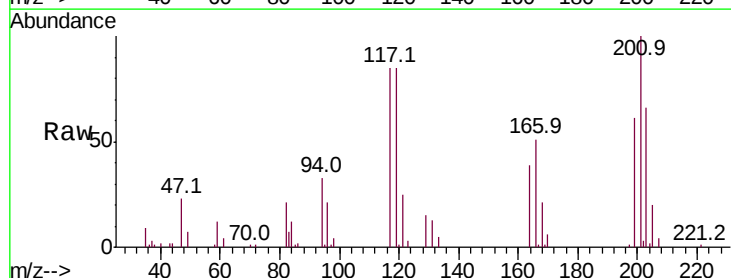
Instrument :
BNA_G
ClientSampled :

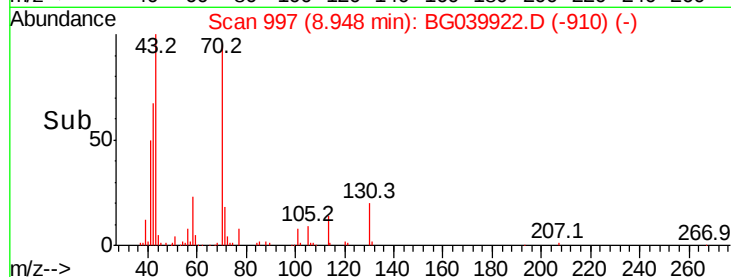
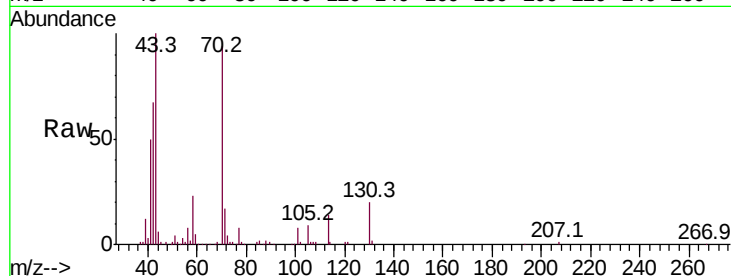
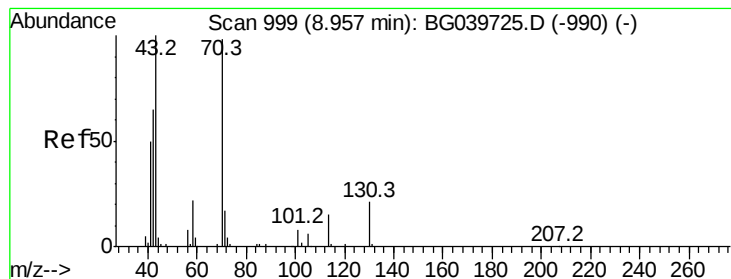
Tot Ion:107 Resp: 96134
Ion Ratio Lower Upper
107 100
108 110.8 90.8 136.2
77 49.6 40.7 61.1
79 47.8 40.6 60.8



#18
Hexachloroethane
Concen: 36.941 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG039922.D
Acq: 14 Mar 2019 4:01

Tgt Ion:117 Resp: 43546
Ion Ratio Lower Upper
117 100
119 99.2 76.3 114.5
201 117.3 91.1 136.7





#19

n-Nitroso-di-n-propylamine

Concen: 34.505 ng

RT: 8.95 min Scan# 997

Delta R.T. -0.02 min

Lab File: BG039922.D

Acq: 14 Mar 2019 4:01

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 87049

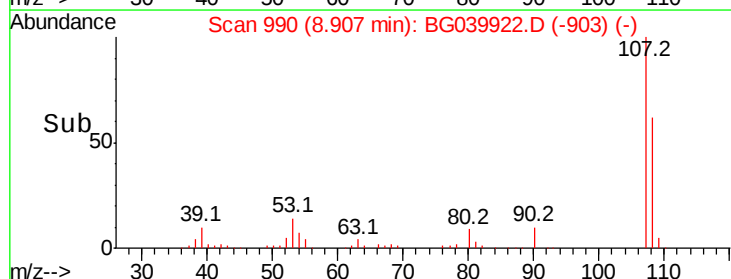
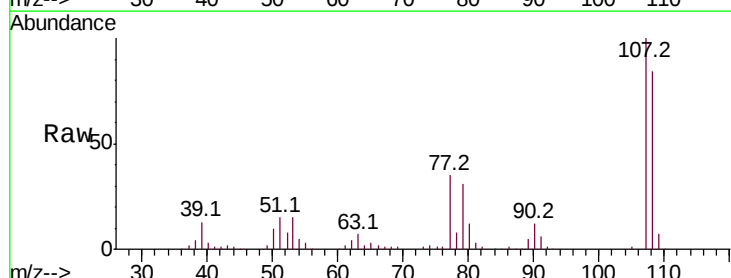
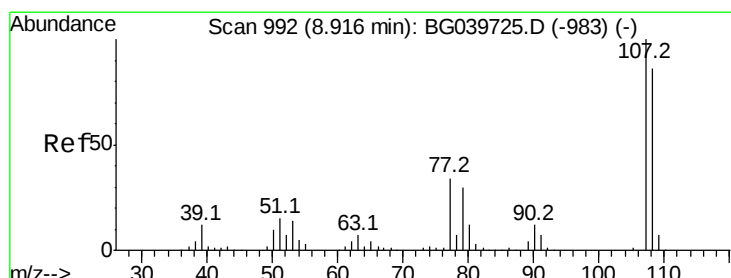
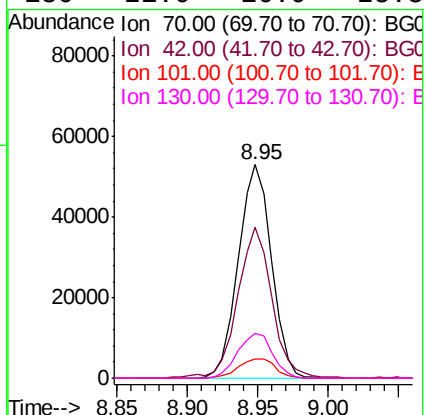
Ion Ratio Lower Upper

70 100

42 70.9 60.4 90.6

101 8.9 7.5 11.3

130 21.0 16.9 25.3



#20

3+4-Methylphenols

Concen: 39.318 ng

RT: 8.91 min Scan# 990

Delta R.T. -0.02 min

Lab File: BG039922.D

Acq: 14 Mar 2019 4:01

Tgt Ion: 107 Resp: 132244

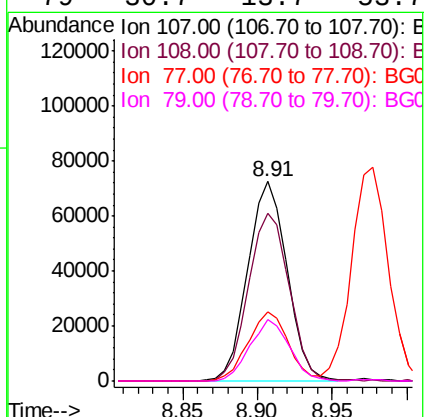
Ion Ratio Lower Upper

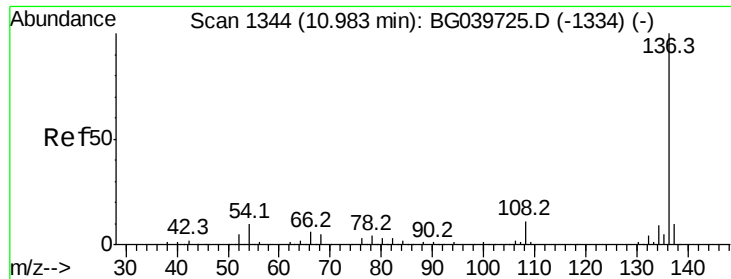
107 100

108 84.1 67.9 107.9

77 34.6 15.4 55.4

79 30.7 13.7 53.7

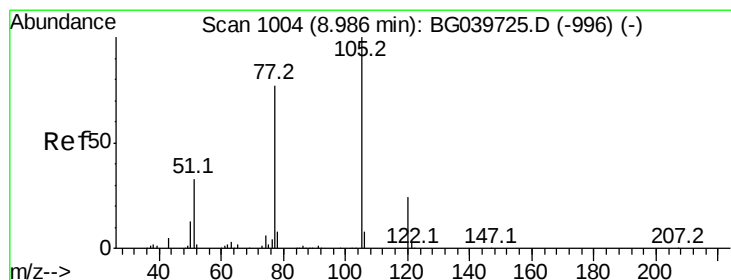
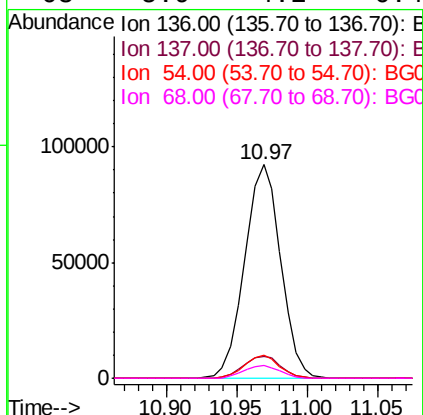
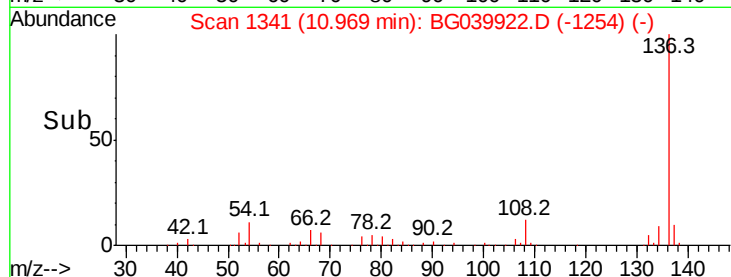
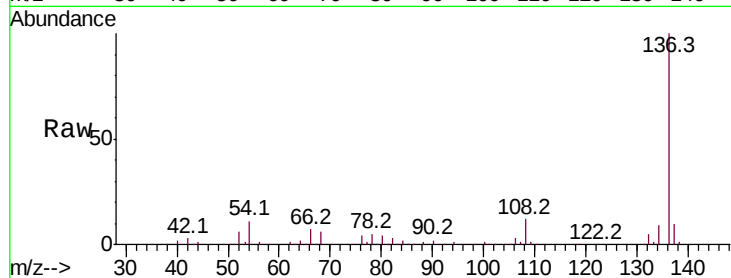




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG039922.D
Acq: 14 Mar 2019 4:01

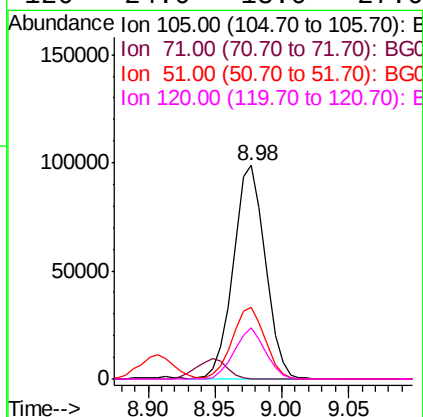
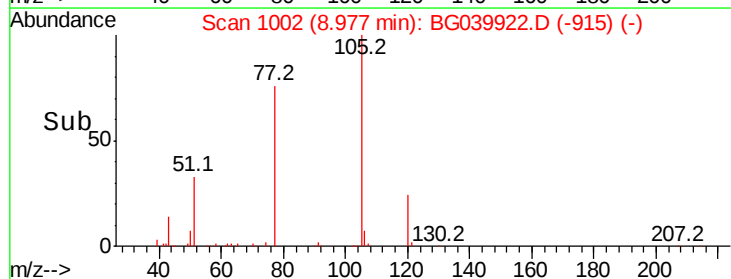
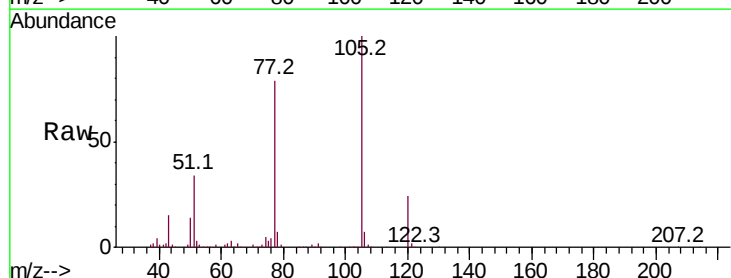
Instrument :
BNA_G
ClientSampleId :

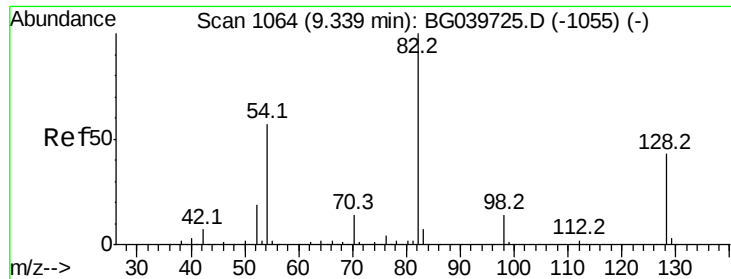
Tot Ion:136	Resp:	164636
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.1 13.7
54	10.6	9.4 14.2
68	5.9	4.2 6.4



#22
Acetophenone
Concen: 37.334 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG039922.D
Acq: 14 Mar 2019 4:01

Tgt Ion:105	Resp:	164969
Ion Ratio	Lower	Upper
105	100	
71	0.2	0.8 1.2#
51	33.7	30.2 45.2
120	24.0	18.0 27.0

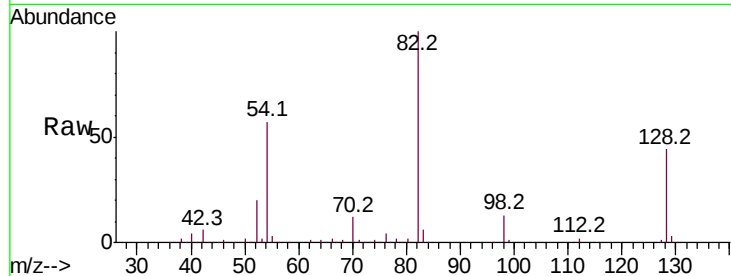




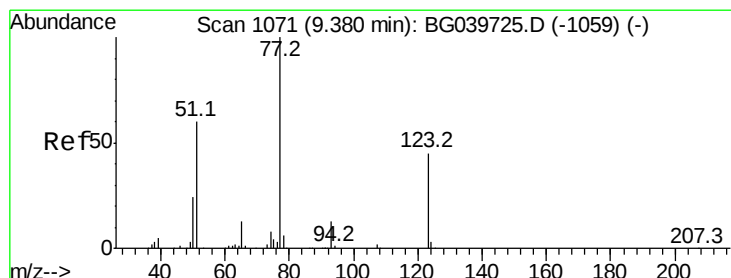
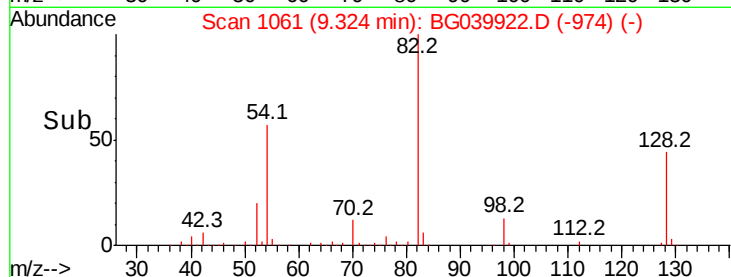
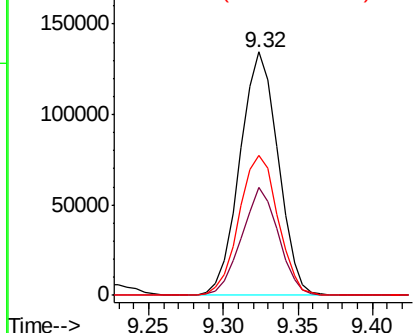
#23
 Nitrobenzene-d5
 Concen: 78.423 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG039922.D
 Acq: 14 Mar 2019 4:01

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	31.3	46.9
54	57.4	50.9	76.3

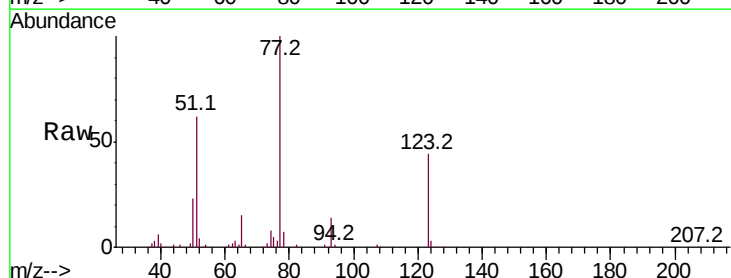


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

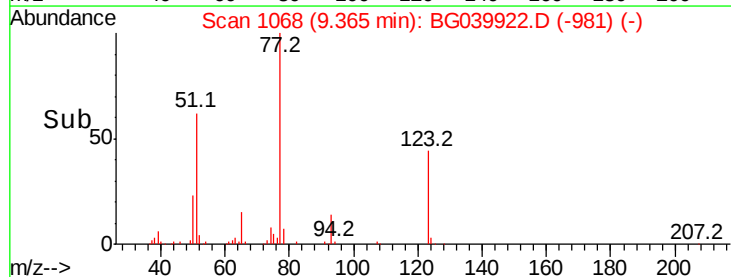
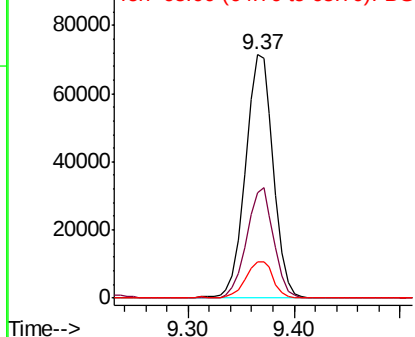


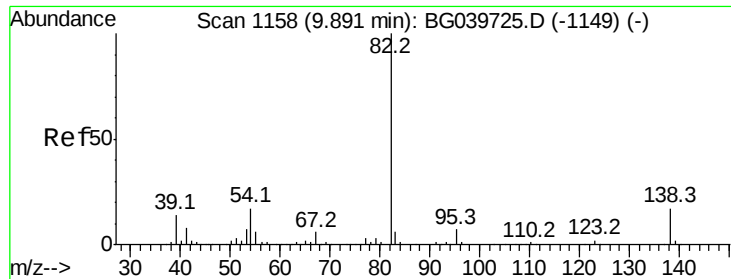
#24
 Nitrobenzene
 Concen: 40.676 ng
 RT: 9.37 min Scan# 1068
 Delta R.T. -0.02 min
 Lab File: BG039922.D
 Acq: 14 Mar 2019 4:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.5	34.1	51.1
65	14.9	12.3	18.5



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 38.549 ng

RT: 9.88 min Scan# 1155

Delta R.T. -0.02 min

Lab File: BG039922.D

Acq: 14 Mar 2019 4:01

Instrument :

BNA_G

ClientSampleId :

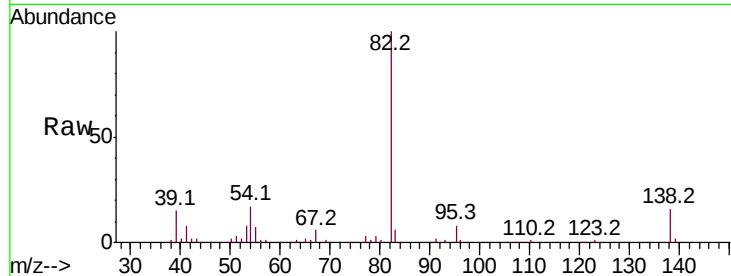
Tot Ion: 82 Resp: 245876

Ion Ratio Lower Upper

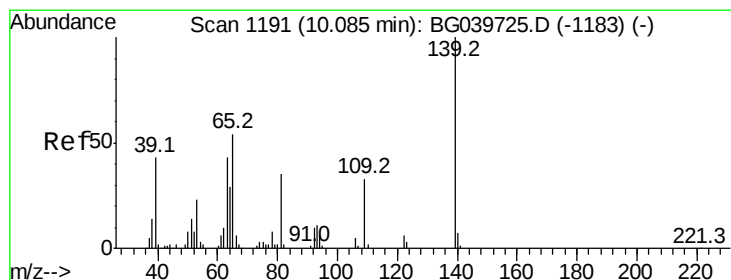
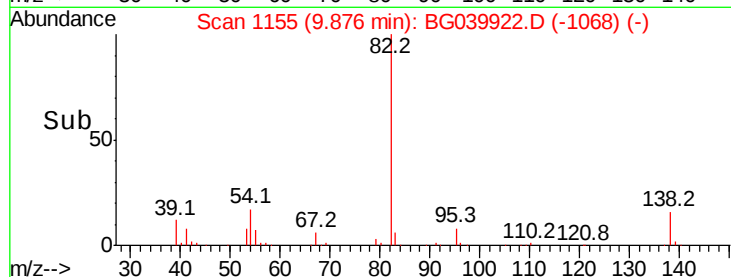
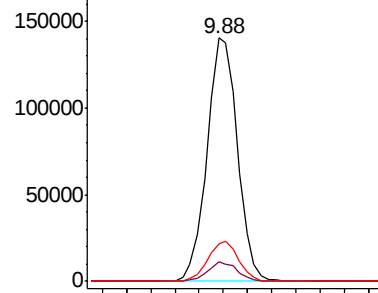
82 100

95 7.8 6.2 9.2

138 15.5 13.0 19.4



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



#26

2-Nitrophenol

Concen: 41.581 ng

RT: 10.08 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BG039922.D

Acq: 14 Mar 2019 4:01

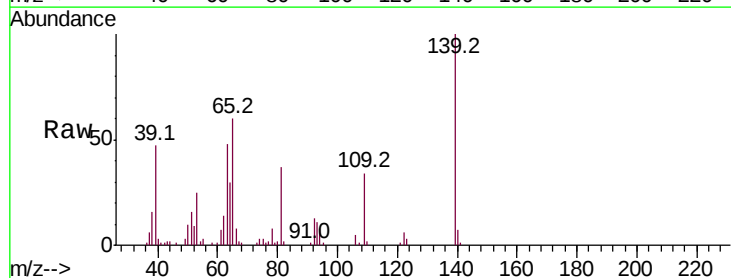
Tgt Ion: 139 Resp: 64113

Ion Ratio Lower Upper

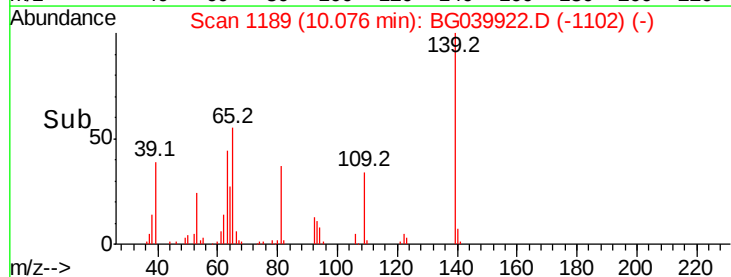
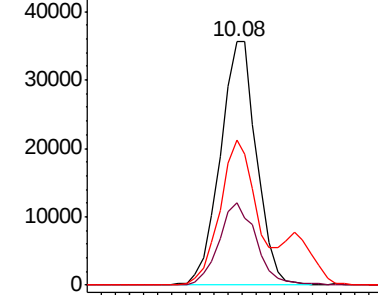
139 100

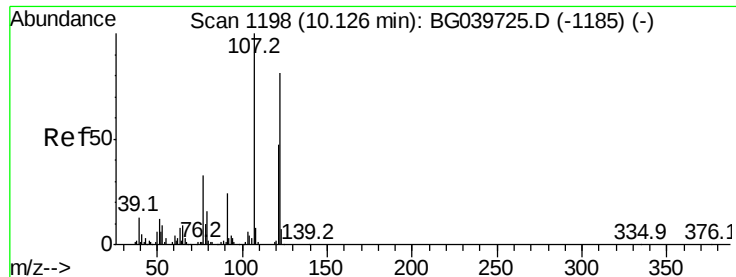
109 34.1 23.4 35.0

65 59.6 44.3 66.5



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

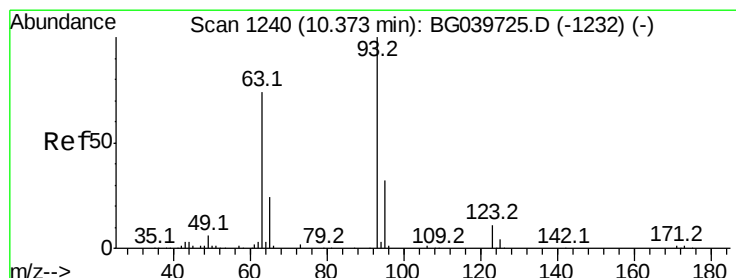
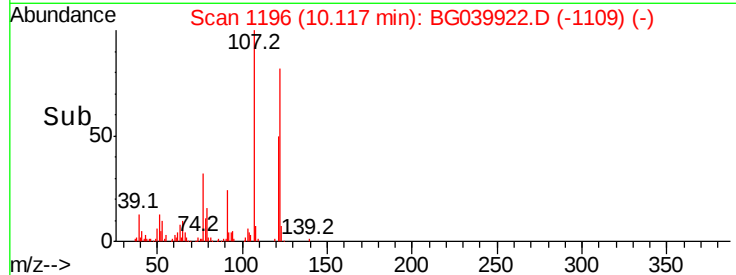
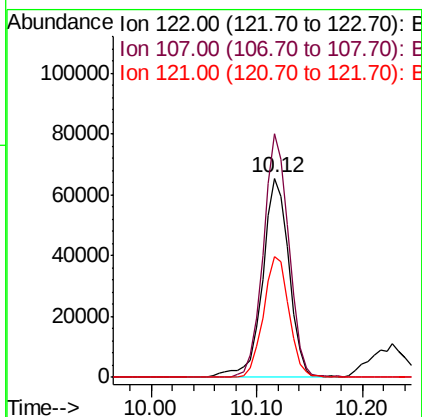
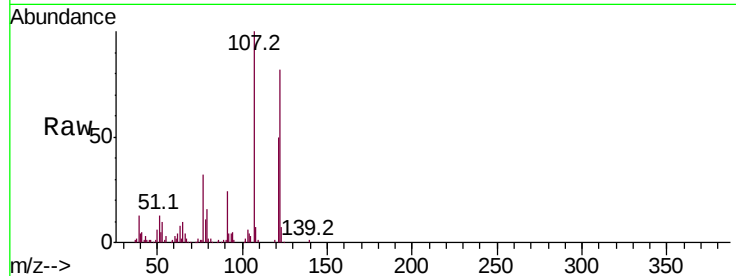




#27
2,4-Dimethylphenol
Concen: 47.387 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BG039922.D
Acq: 14 Mar 2019 4:01

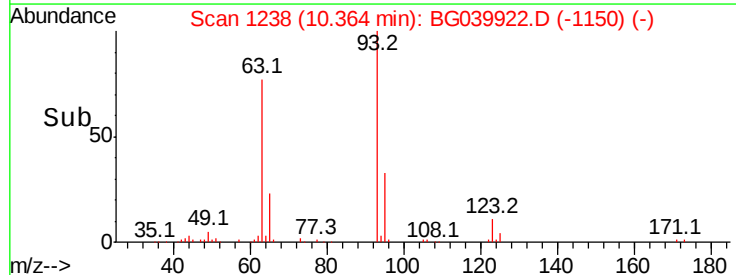
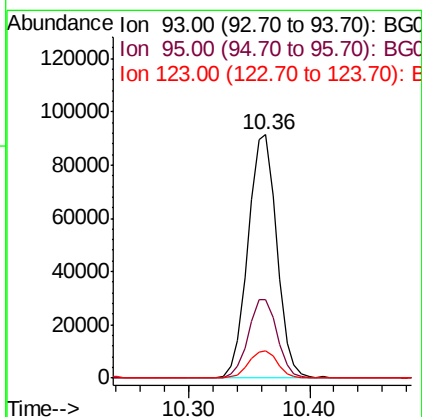
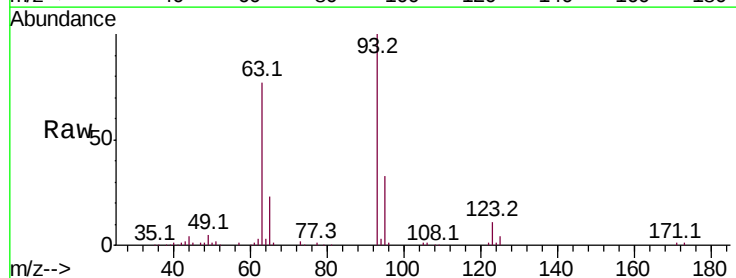
Instrument :
BNA_G
ClientSampled :

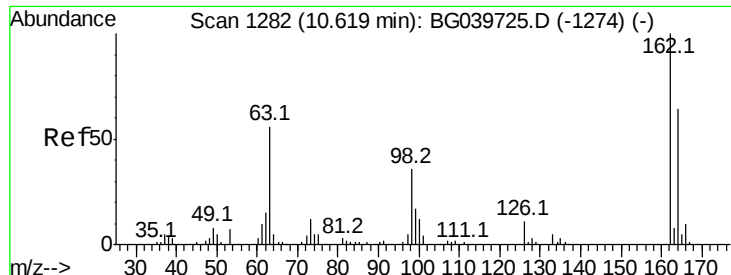
Tot Ion	Ratio	Lower	Upper
122	100		
107	122.1	91.7	137.5
121	60.9	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 39.331 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BG039922.D
Acq: 14 Mar 2019 4:01

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

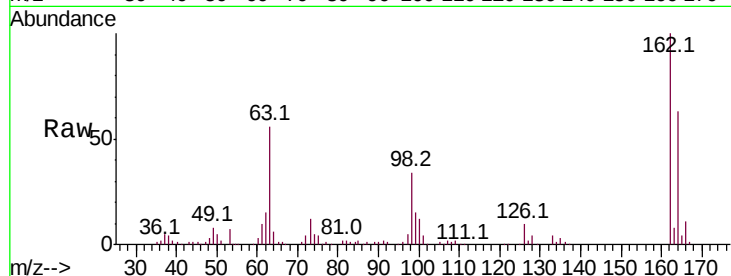




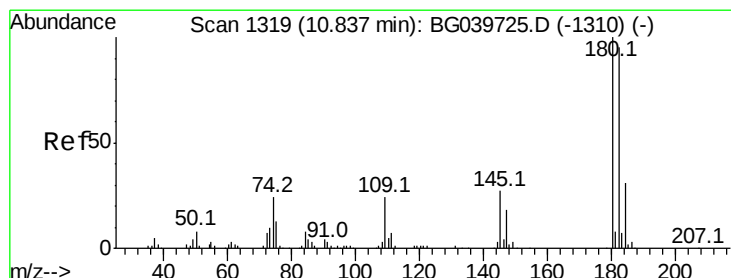
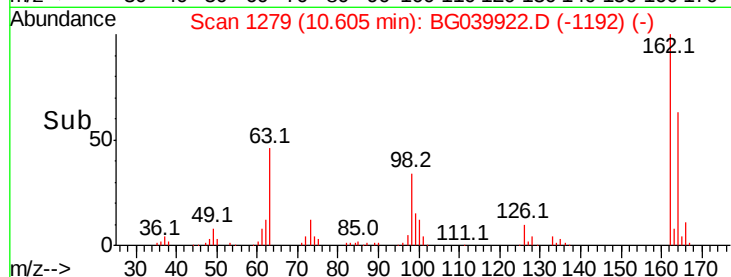
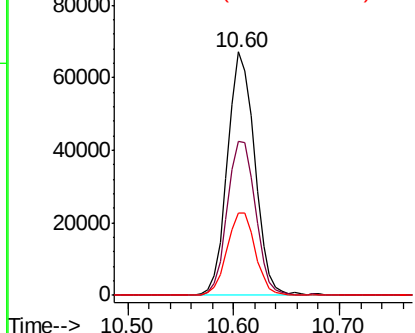
#29
 2,4-Dichlorophenol
 Concen: 44.354 ng
 RT: 10.60 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BG039922.D
 Acq: 14 Mar 2019 4:01

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	48.1	88.1
98	33.9	18.1	58.1

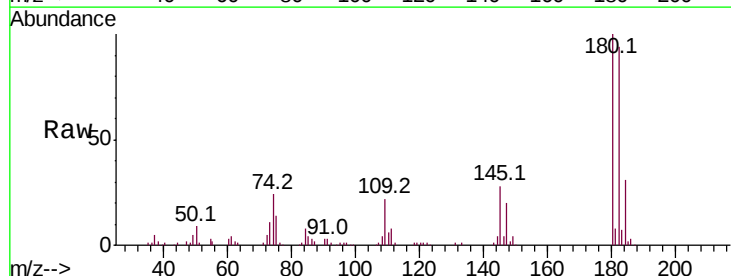


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

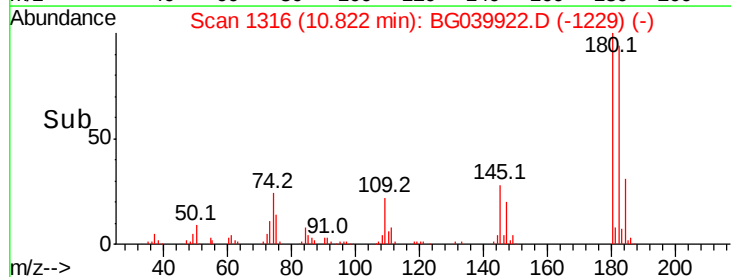
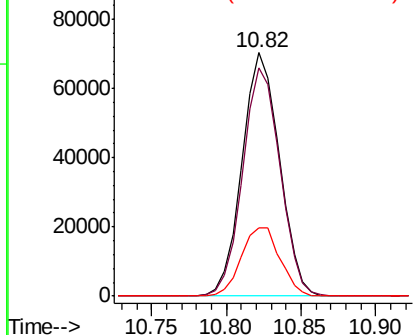


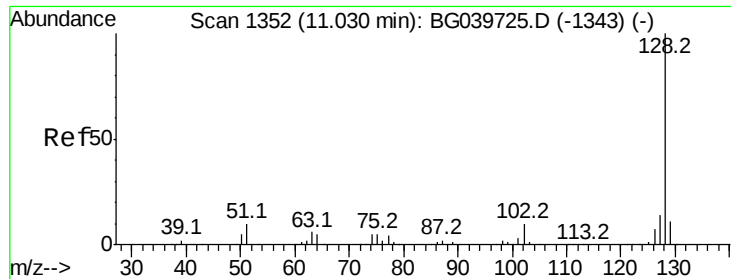
#30
 1,2,4-Trichlorobenzene
 Concen: 40.004 ng
 RT: 10.82 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG039922.D
 Acq: 14 Mar 2019 4:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	76.0	114.0
145	28.3	22.7	34.1



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

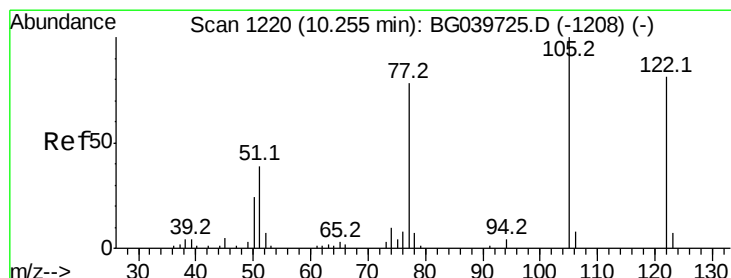
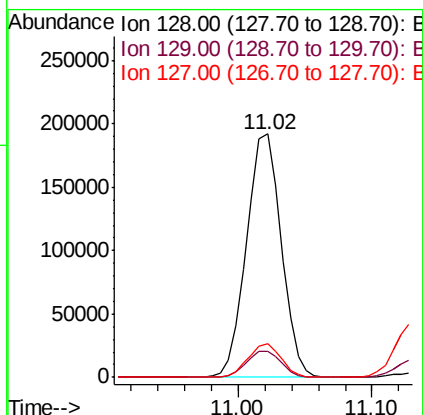
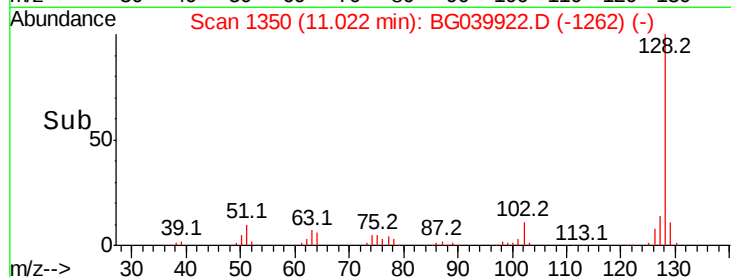
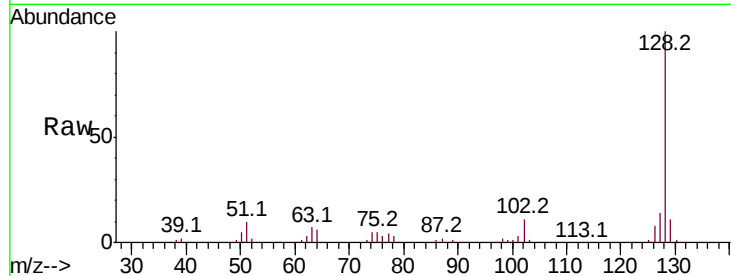




#31
Naphthalene
Concen: 39.620 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG039922.D
Acq: 14 Mar 2019 4:01

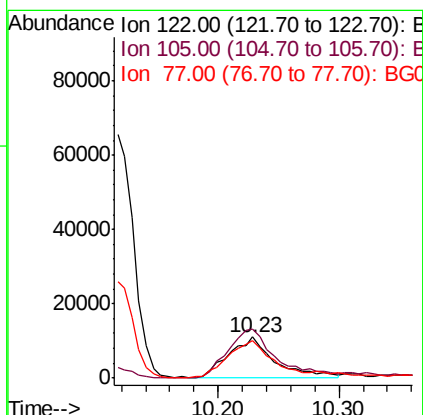
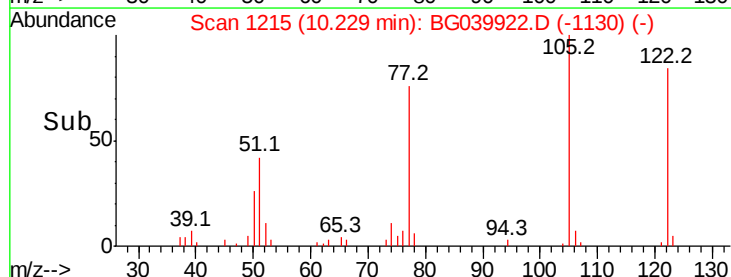
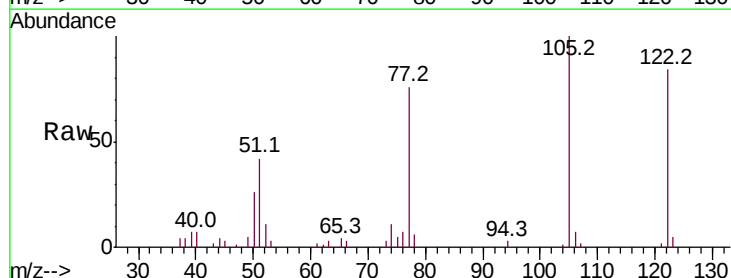
Instrument :
BNA_G
ClientSampled :

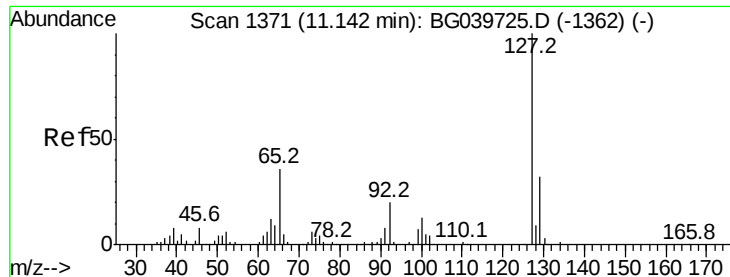
Tot Ion:128 Resp: 345356
Ion Ratio Lower Upper
128 100
129 10.6 8.7 13.1
127 13.9 10.8 16.2



#32
Benzoic acid
Concen: 21.422 ng
RT: 10.23 min Scan# 1215
Delta R.T. -0.03 min
Lab File: BG039922.D
Acq: 14 Mar 2019 4:01

Tgt Ion:122 Resp: 28297
Ion Ratio Lower Upper
122 100
105 118.8 101.8 141.8
77 90.7 76.3 116.3

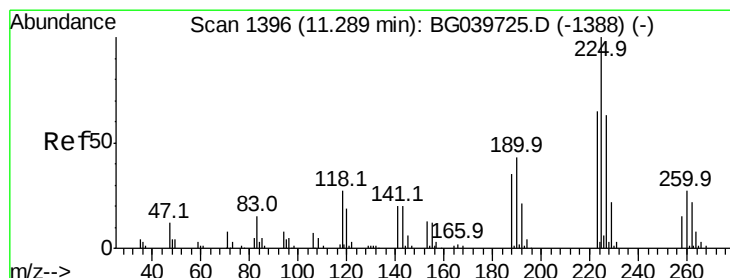
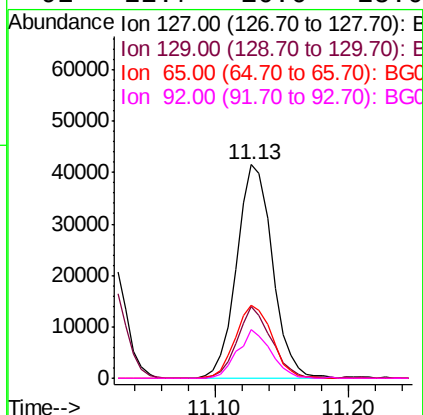
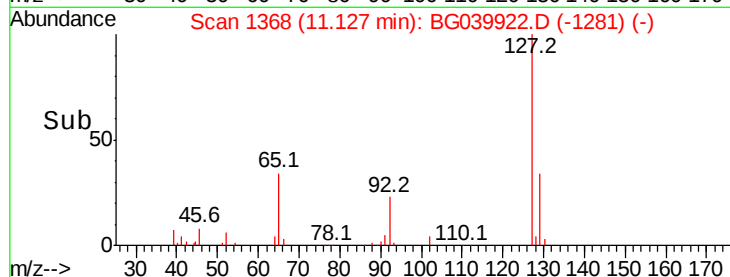
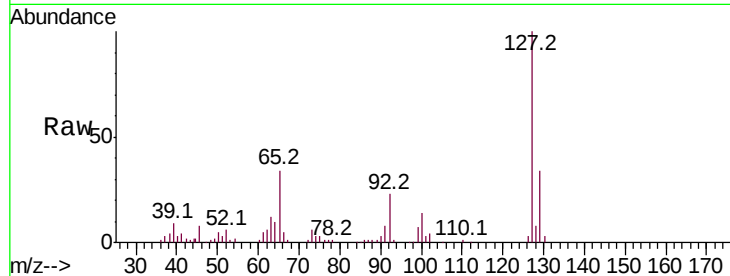




#33
4-Chloroaniline
Concen: 20.849 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BG039922.D
Acq: 14 Mar 2019 4:01

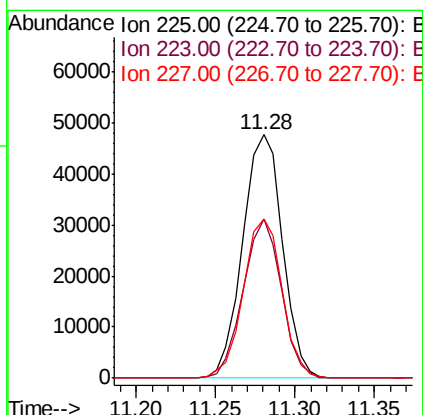
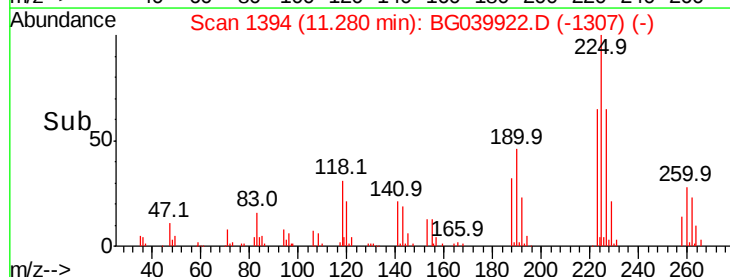
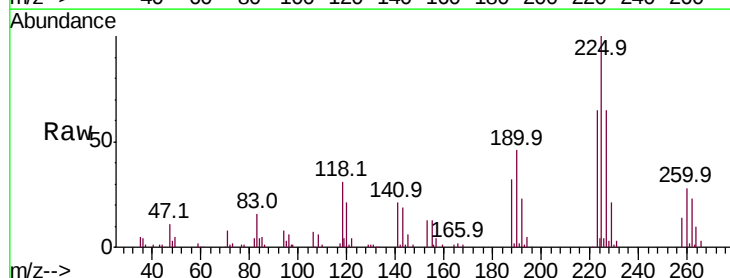
Instrument :
BNA_G
ClientSampleId :

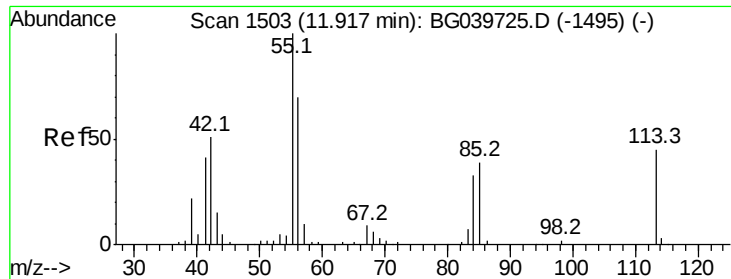
Tot Ion:	127	Resp:	77063
Ion	Ratio	Lower	Upper
127	100		
129	33.6	27.0	40.4
65	34.1	28.8	43.2
92	22.7	16.6	25.0



#34
Hexachlorobutadiene
Concen: 40.089 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BG039922.D
Acq: 14 Mar 2019 4:01

Tgt Ion:	225	Resp:	83228
Ion	Ratio	Lower	Upper
225	100		
223	65.5	49.0	73.6
227	65.1	46.3	69.5





#35

Caprolactam

Concen: 23.328 ng

RT: 11.90 min Scan# 1500

Delta R.T. -0.04 min

Lab File: BG039922.D

Acq: 14 Mar 2019 4:01

Instrument :

BNA_G

ClientSampleId :

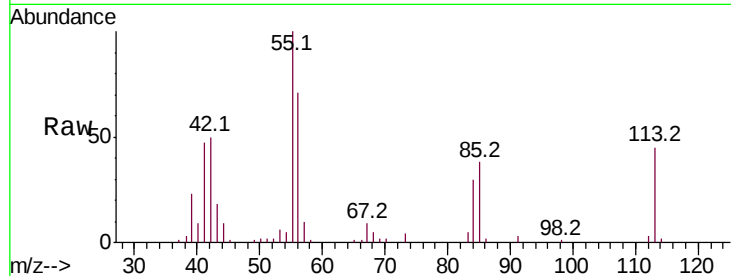
Tot Ion:113 Resp: 24059

Ion Ratio Lower Upper

113 100

55 221.9 216.9 256.9

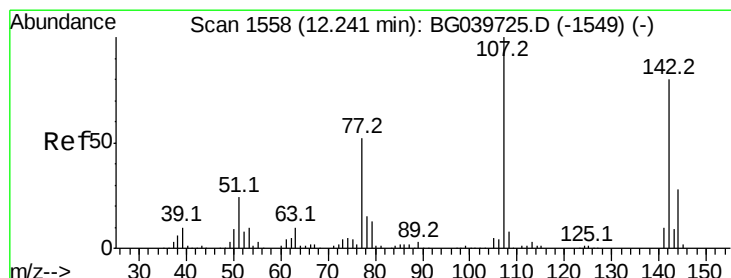
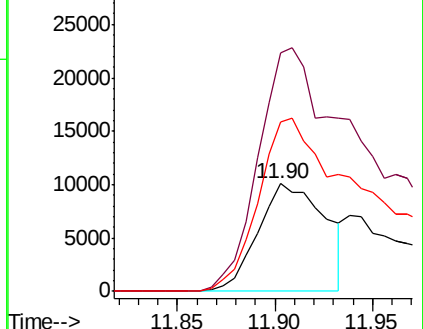
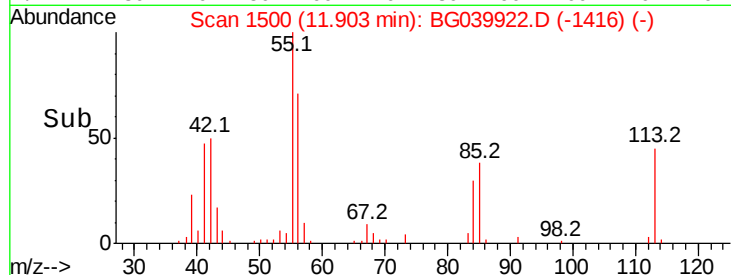
56 157.4 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 40.338 ng

RT: 12.23 min Scan# 1555

Delta R.T. -0.02 min

Lab File: BG039922.D

Acq: 14 Mar 2019 4:01

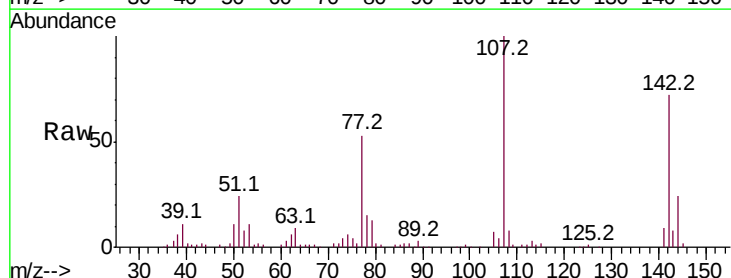
Tgt Ion:107 Resp: 124843

Ion Ratio Lower Upper

107 100

144 24.1 20.2 30.2

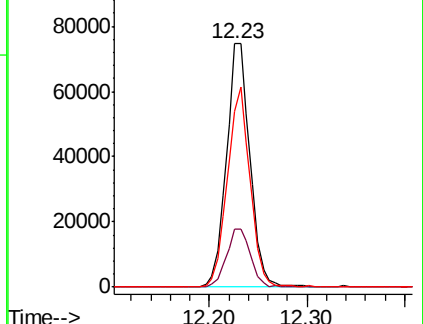
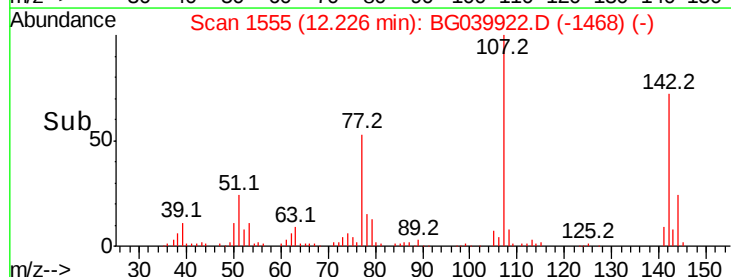
142 72.2 61.4 92.2

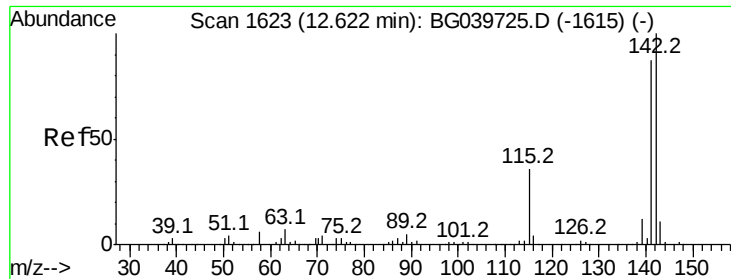


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

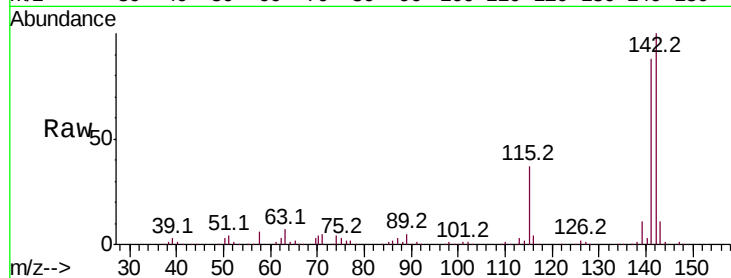




#37
 2-Methylnaphthalene
 Concen: 39.607 ng
 RT: 12.61 min Scan# 1621
 Delta R.T. -0.02 min
 Lab File: BG039922.D
 Acq: 14 Mar 2019 4:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	73.5	110.3
115	36.5	30.8	46.2

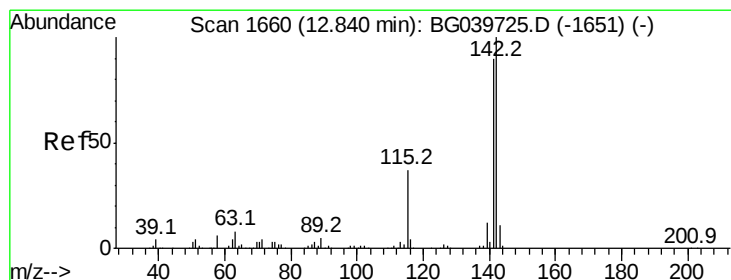
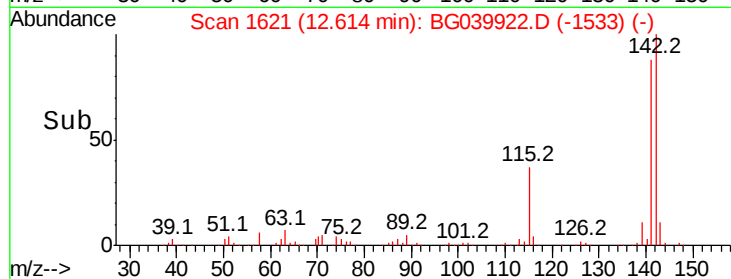
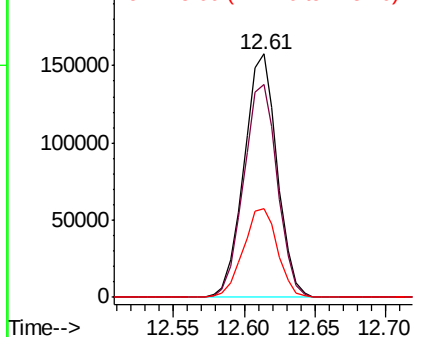


Abundance

Ion 142.00 (141.70 to 142.70): E

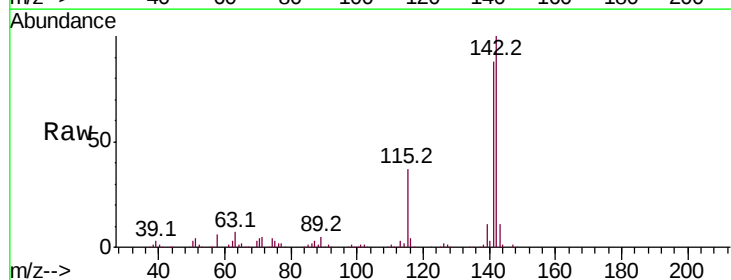
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 40.756 ng
 RT: 12.61 min Scan# 1621
 Delta R.T. -0.23 min
 Lab File: BG039922.D
 Acq: 14 Mar 2019 4:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.6	74.2	111.4
116	4.4	3.0	4.6

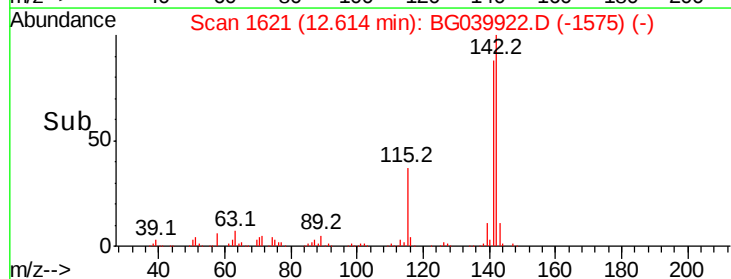
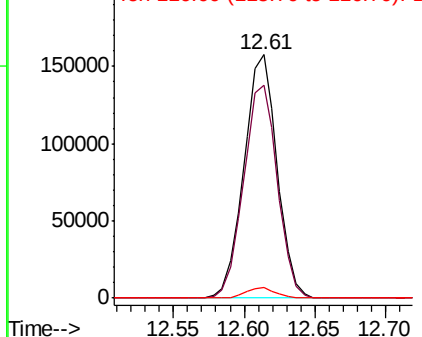


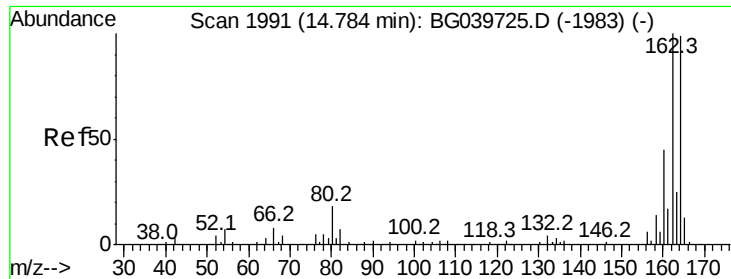
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG039922.D

Acq: 14 Mar 2019 4:01

Instrument :

BNA_G

ClientSampleId :

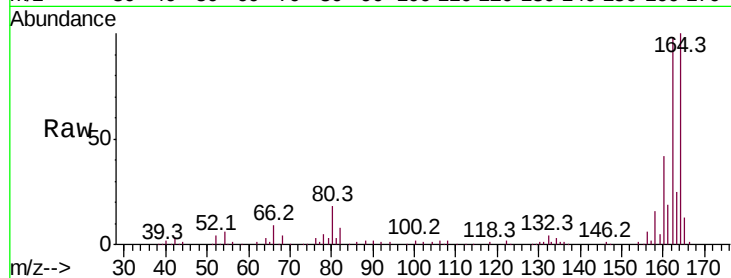
Tot Ion:164 Resp: 108561

Ion Ratio Lower Upper

164 100

162 97.9 81.6 122.4

160 41.6 34.2 51.2

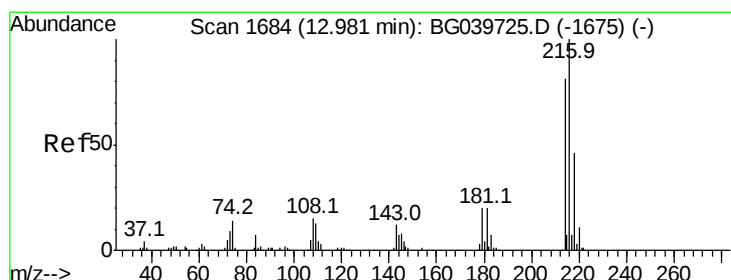
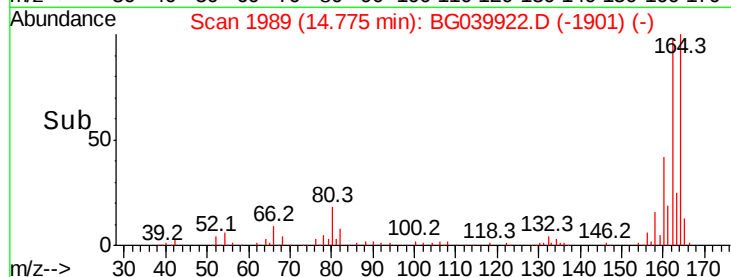
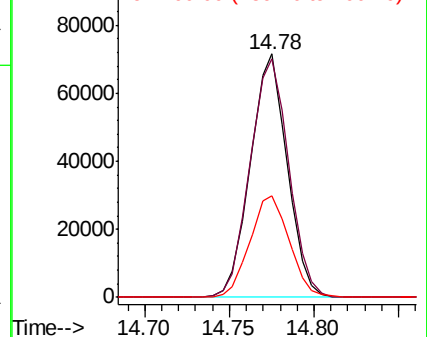


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.731 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG039922.D

Acq: 14 Mar 2019 4:01

Tgt Ion:216 Resp: 146122

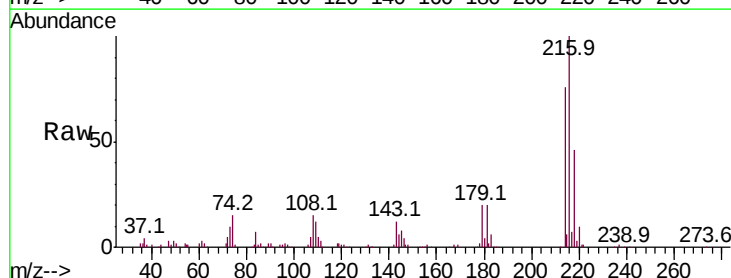
Ion Ratio Lower Upper

216 100

214 78.6 62.6 94.0

179 20.3 16.6 25.0

108 19.1 14.0 21.0



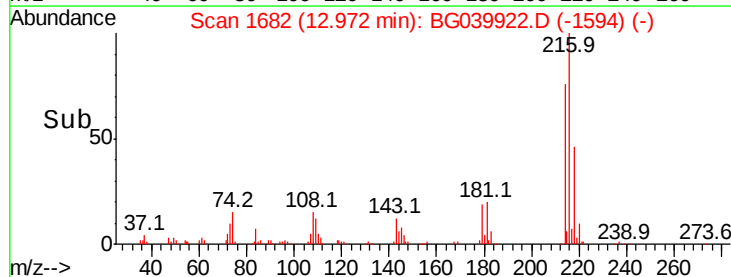
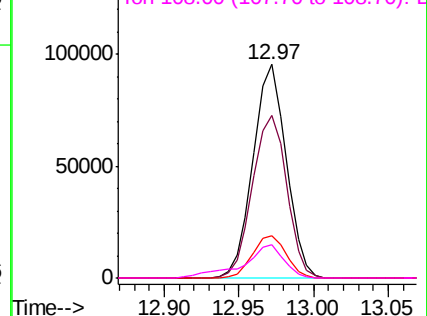
Abundance

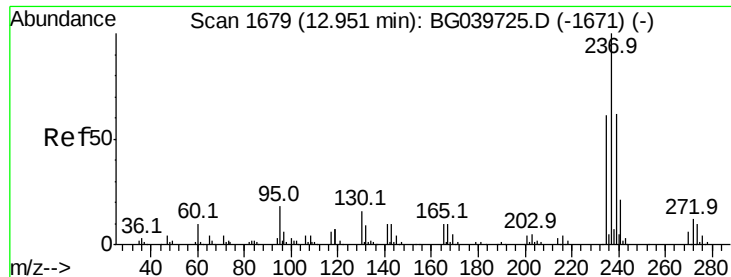
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 104.581 ng

RT: 12.94 min Scan# 1676

Delta R.T. -0.02 min

Lab File: BG039922.D

Acq: 14 Mar 2019 4:01

Instrument :

BNA_G

ClientSampleId :

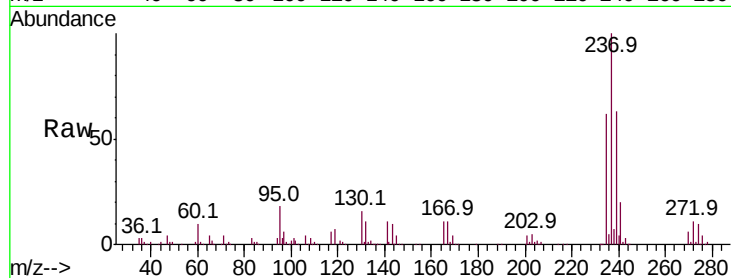
Tot Ion:237 Resp: 206123

Ion Ratio Lower Upper

237 100

235 62.1 43.3 83.3

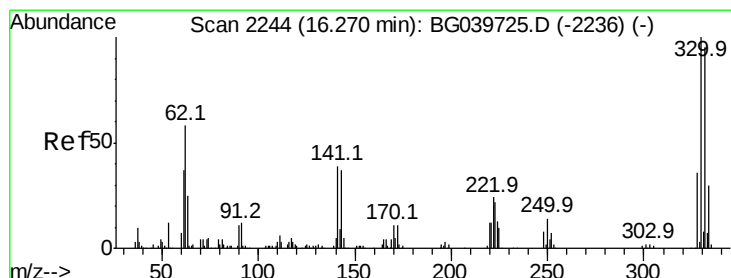
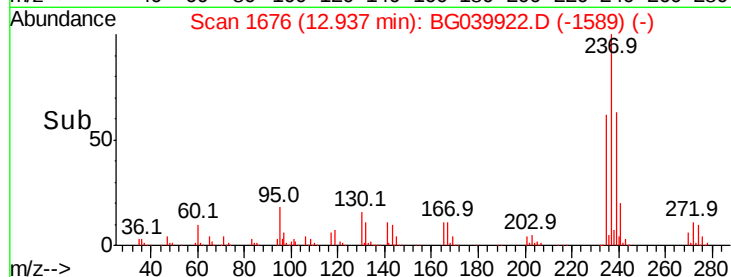
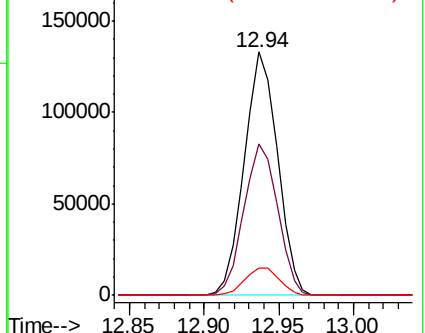
272 11.1 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 135.652 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG039922.D

Acq: 14 Mar 2019 4:01

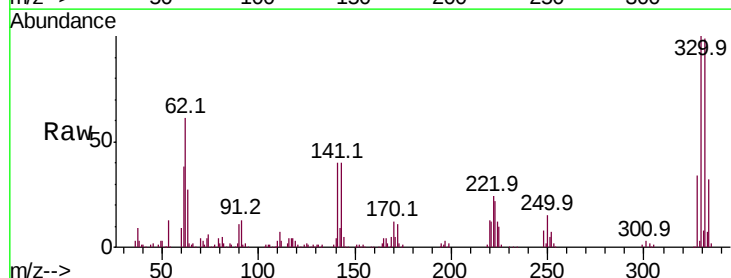
Tgt Ion:330 Resp: 171649

Ion Ratio Lower Upper

330 100

332 96.5 75.7 113.5

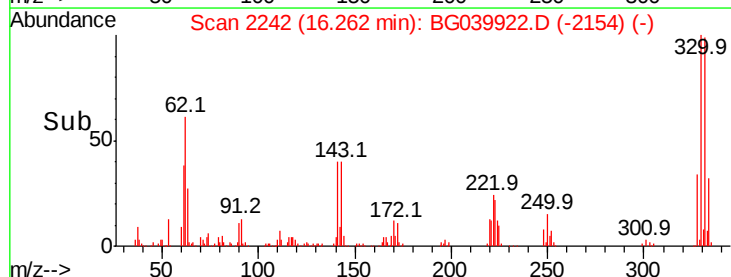
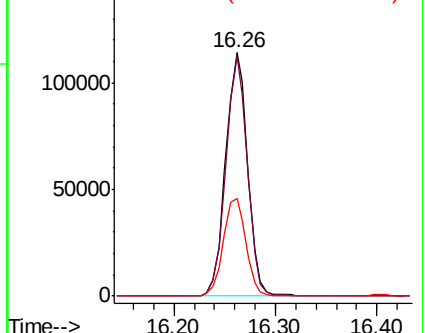
141 41.1 35.6 53.4

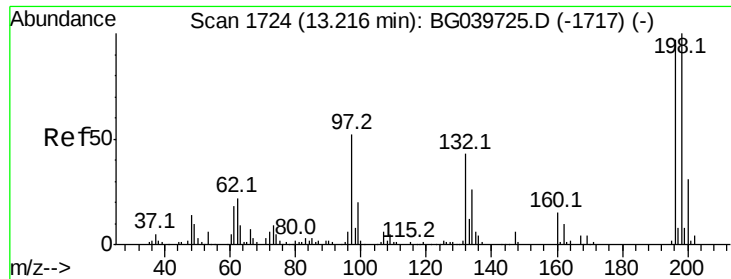


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

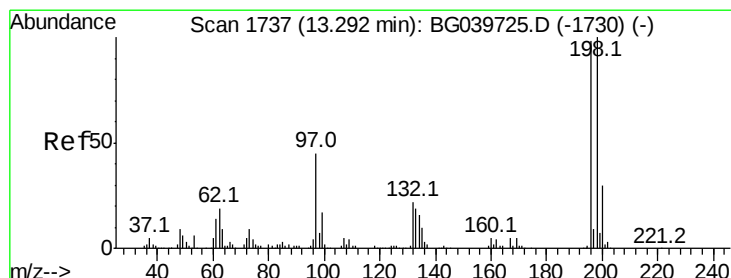
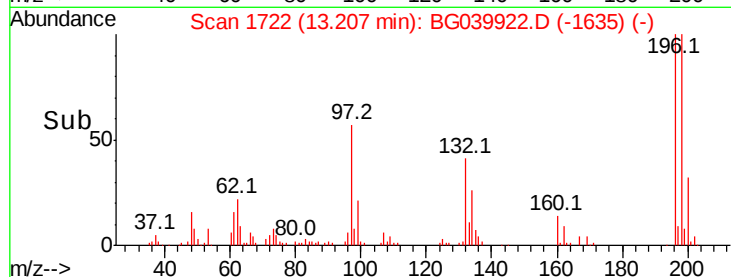
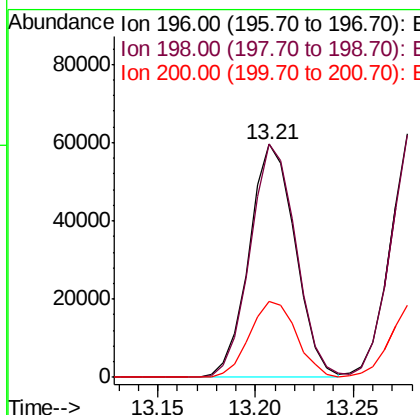
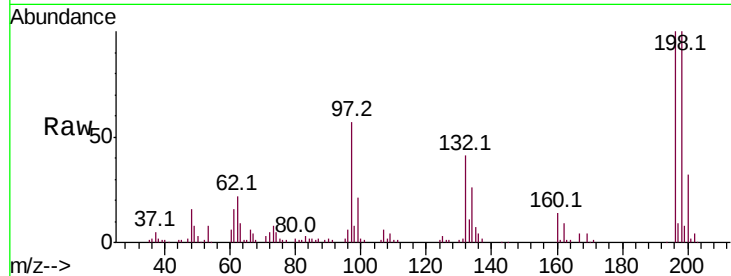




#43
 2,4,6-Trichlorophenol
 Concen: 45.139 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG039922.D
 Acq: 14 Mar 2019 4:01

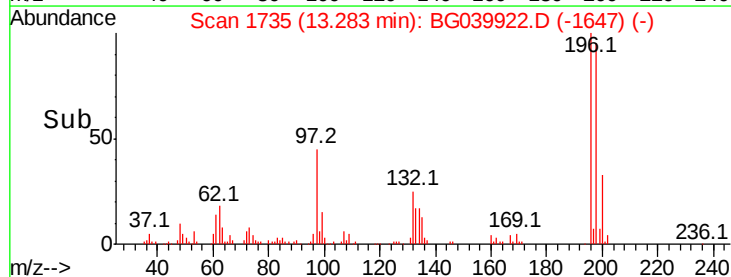
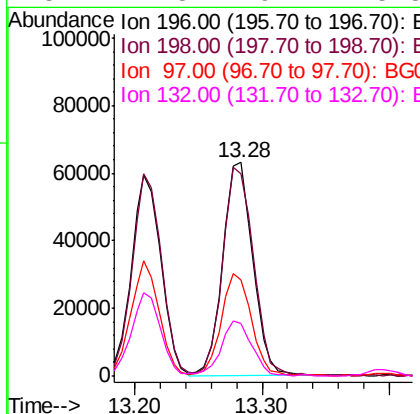
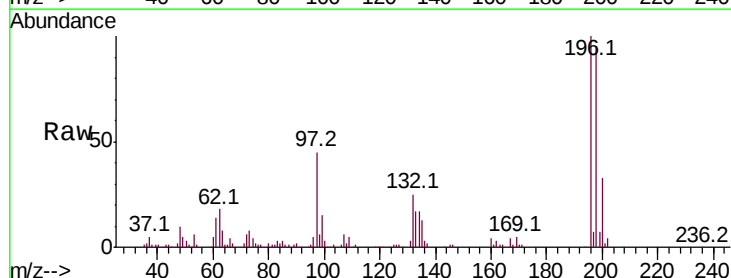
Instrument :
 BNA_G
 ClientSampled :

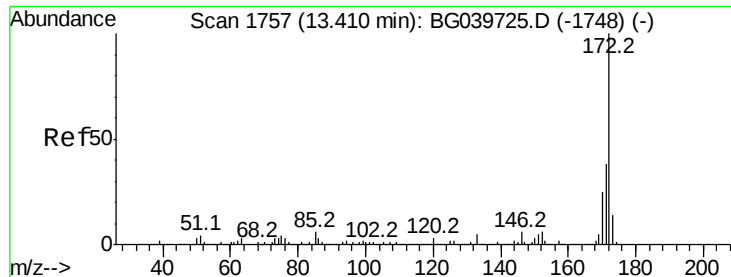
Tot Ion:196 Resp: 97193
 Ion Ratio Lower Upper
 196 100
 198 100.3 80.6 121.0
 200 32.4 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 42.765 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG039922.D
 Acq: 14 Mar 2019 4:01

Tgt Ion:196 Resp: 103792
 Ion Ratio Lower Upper
 196 100
 198 95.0 78.5 117.7
 97 44.8 38.4 57.6
 132 24.8 19.2 28.8

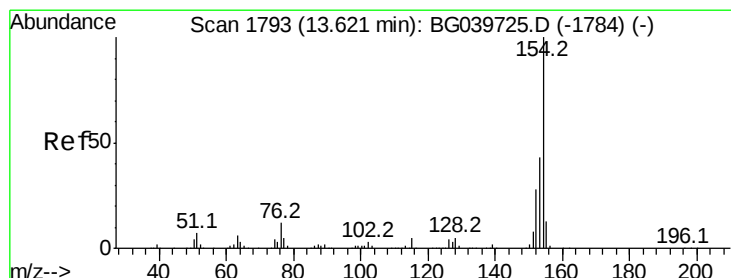
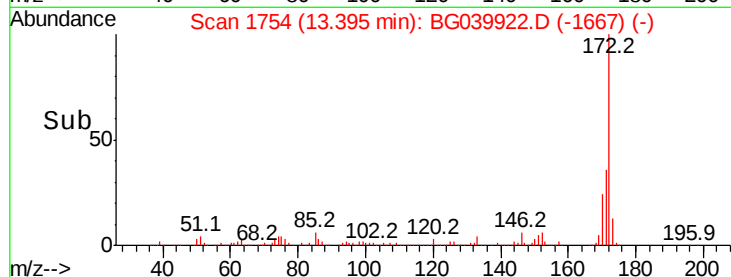
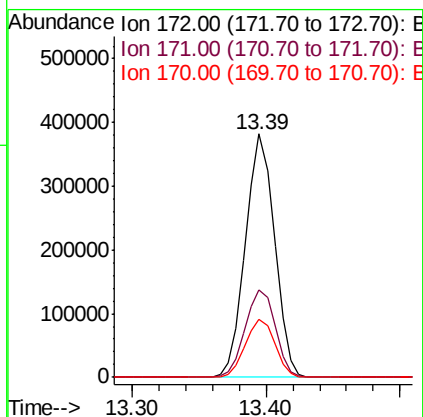
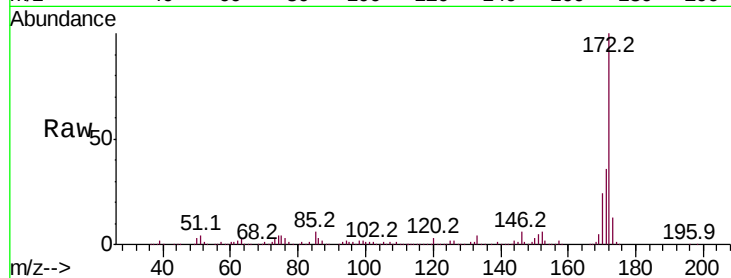




#45
2-Fluorobiphenyl
Concen: 75.331 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG039922.D
Acq: 14 Mar 2019 4:01

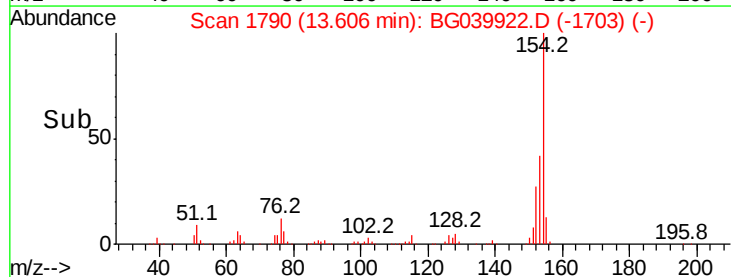
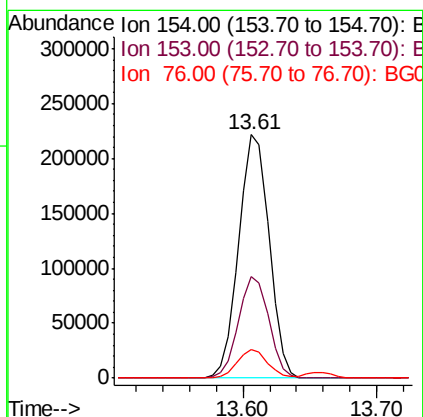
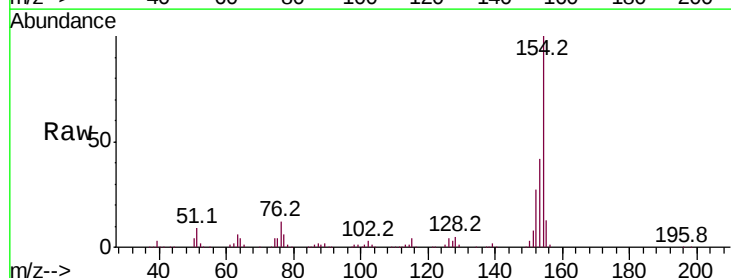
Instrument :
BNA_G
ClientSampleId :

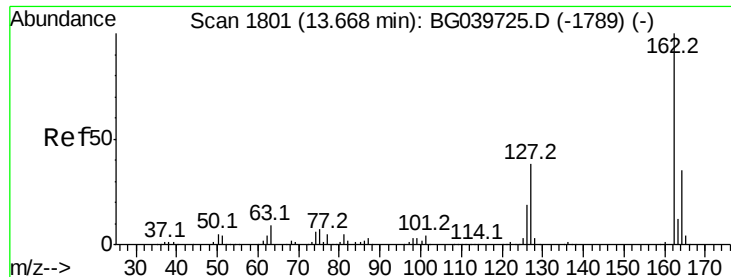
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.8	46.2
170	24.1	20.2	30.4



#46
1,1'-Biphenyl
Concen: 39.182 ng
RT: 13.61 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BG039922.D
Acq: 14 Mar 2019 4:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	22.1	62.1
76	11.8	0.0	32.4

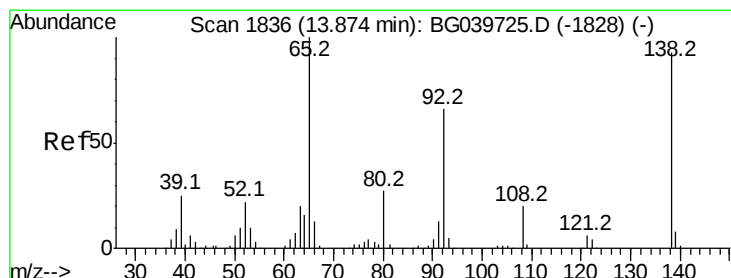
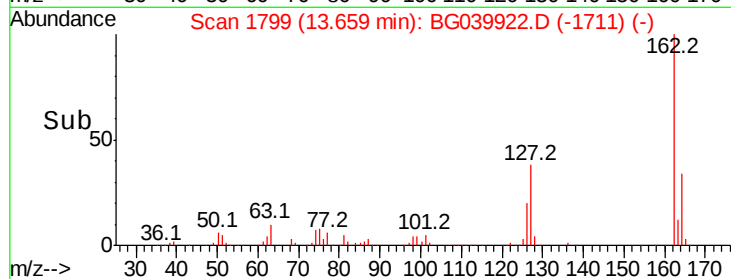
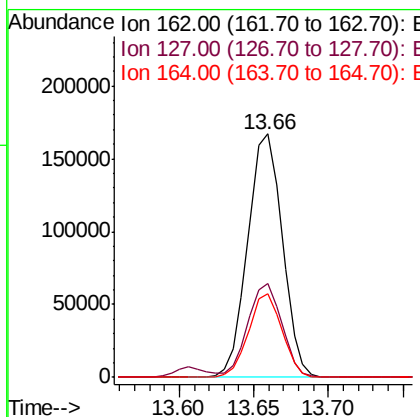
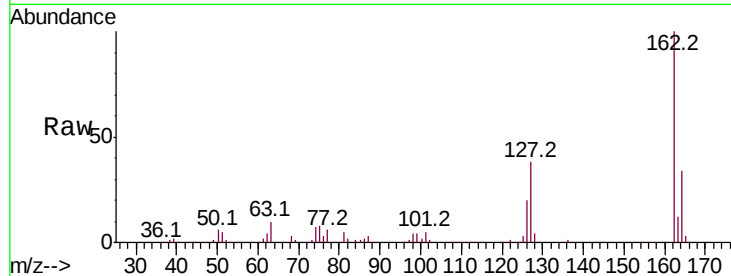




#47
 2-Chloronaphthalene
 Concen: 39.881 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG039922.D
 Acq: 14 Mar 2019 4:01

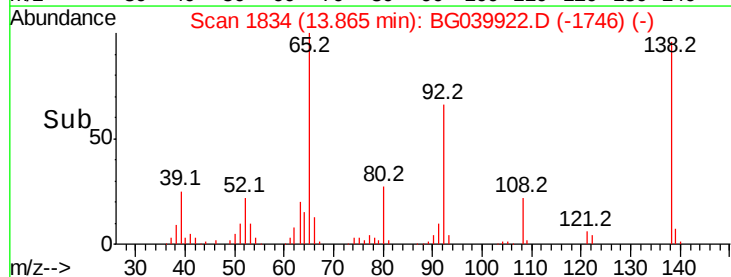
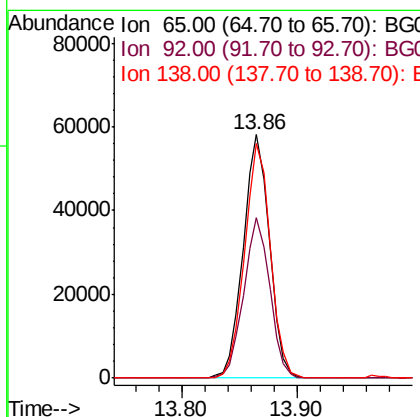
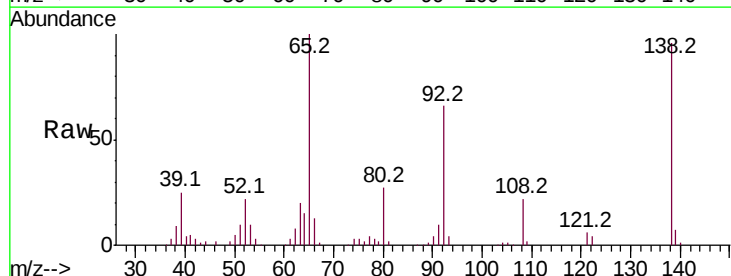
Instrument :
 BNA_G
 ClientSampleId :

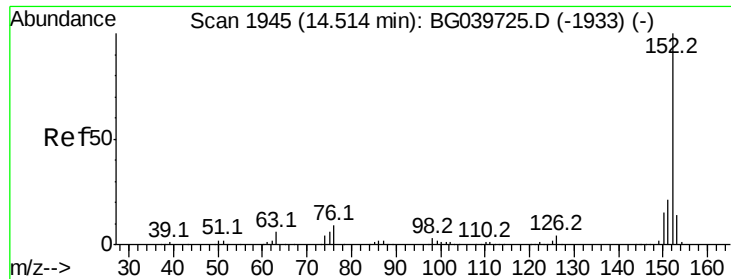
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.4	31.0	46.6
164	34.4	25.7	38.5



#48
 2-Nitroaniline
 Concen: 42.429 ng
 RT: 13.86 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BG039922.D
 Acq: 14 Mar 2019 4:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.0	51.4	77.2
138	96.4	71.4	107.2





#49

Acenaphthylene

Concen: 38.584 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG039922.D

Acq: 14 Mar 2019 4:01

Instrument :

BNA_G

ClientSampleId :

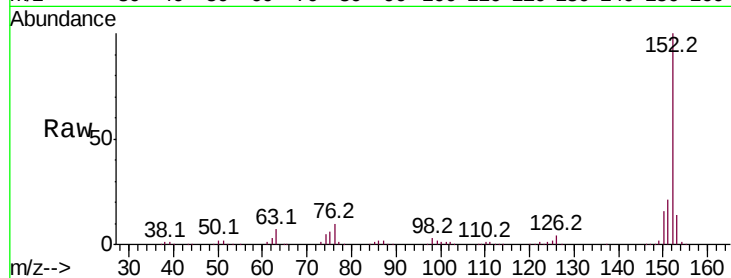
Tot Ion:152 Resp: 425467

Ion Ratio Lower Upper

152 100

151 20.8 16.8 25.2

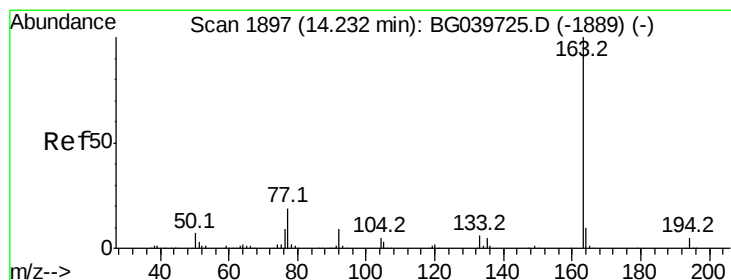
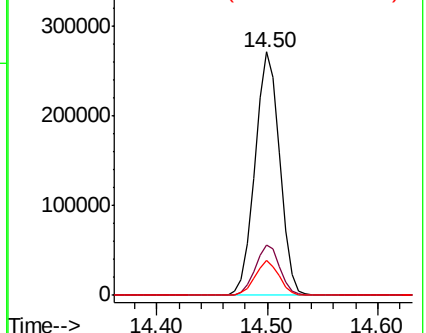
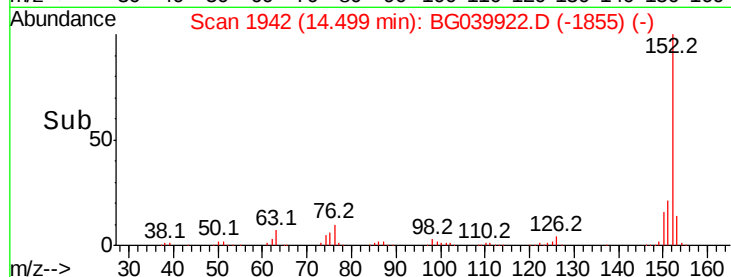
153 14.3 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.299 ng

RT: 14.22 min Scan# 1894

Delta R.T. -0.02 min

Lab File: BG039922.D

Acq: 14 Mar 2019 4:01

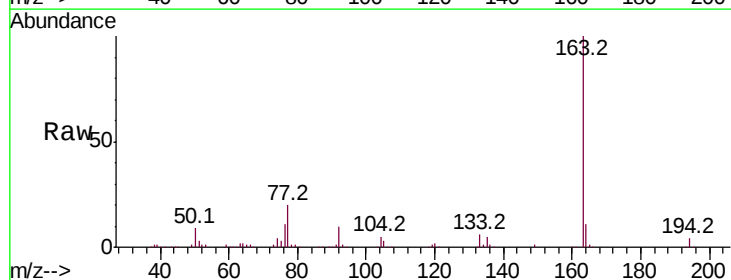
Tgt Ion:163 Resp: 356743

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

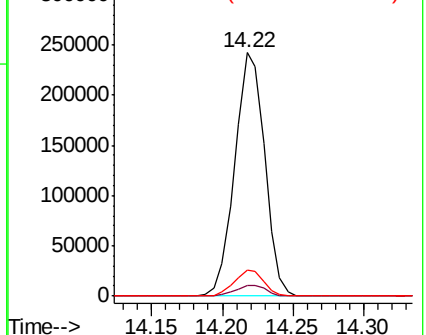
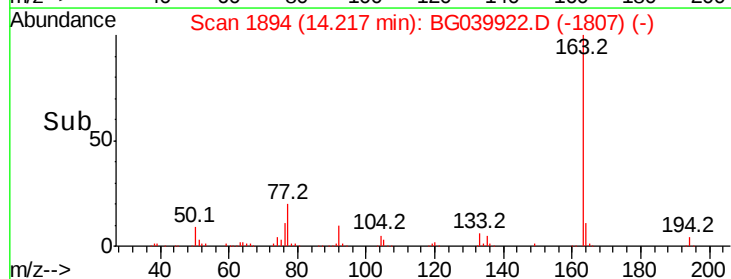
164 10.6 8.4 12.6

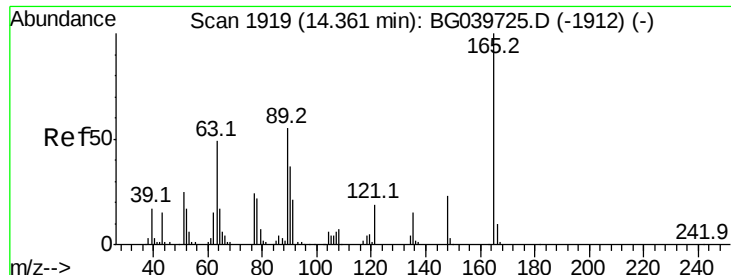


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.997 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.02 min

Lab File: BG039922.D

Acq: 14 Mar 2019 4:01

Instrument :

BNA_G

ClientSampleId :

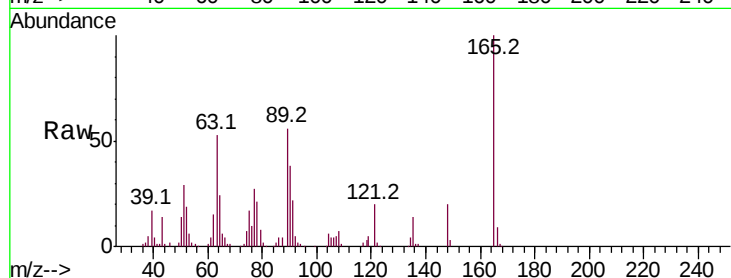
Tot Ion:165 Resp: 78897

Ion Ratio Lower Upper

165 100

63 53.4 47.0 70.6

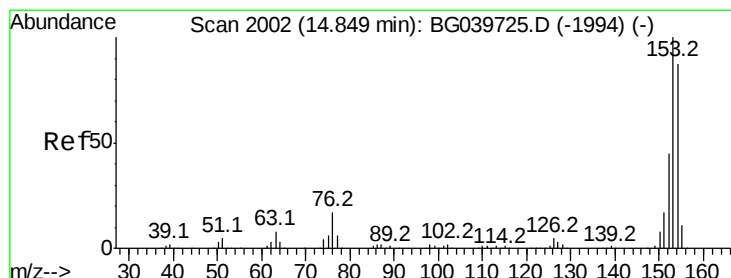
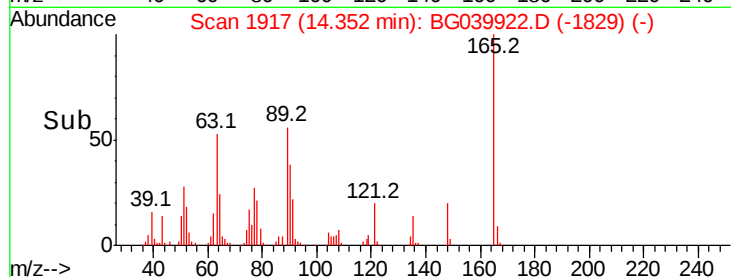
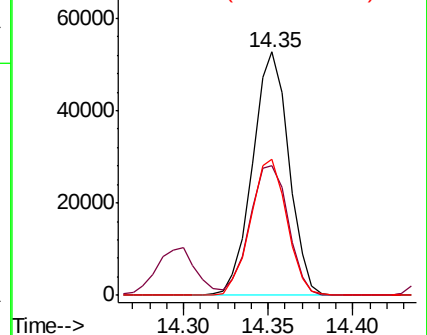
89 55.8 45.8 68.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 38.612 ng

RT: 14.84 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BG039922.D

Acq: 14 Mar 2019 4:01

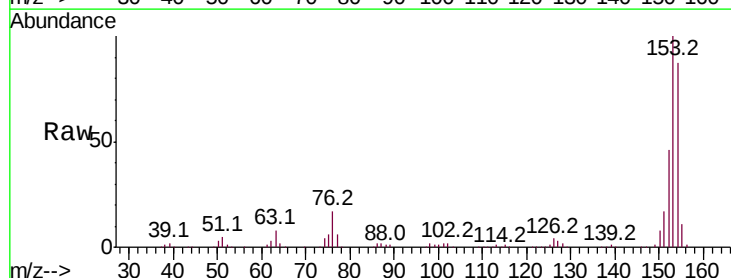
Tgt Ion:154 Resp: 256261

Ion Ratio Lower Upper

154 100

153 114.3 90.1 135.1

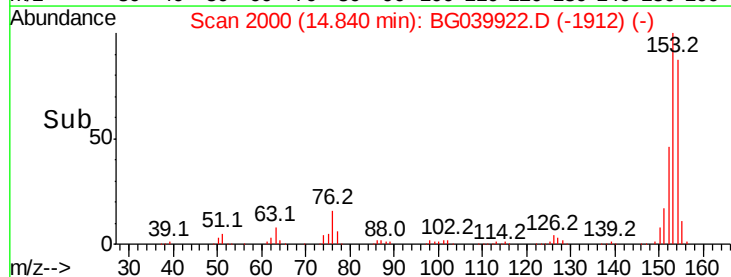
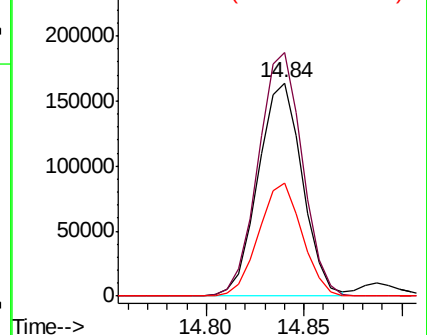
152 53.1 40.9 61.3

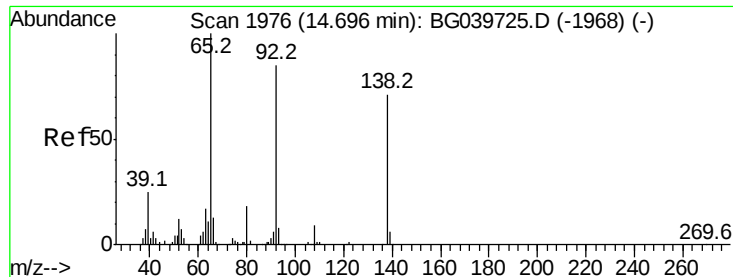


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 26.040 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG039922.D

Acq: 14 Mar 2019 4:01

Instrument :

BNA_G

ClientSampleId :

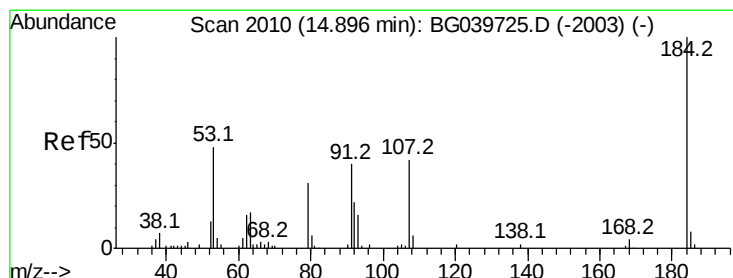
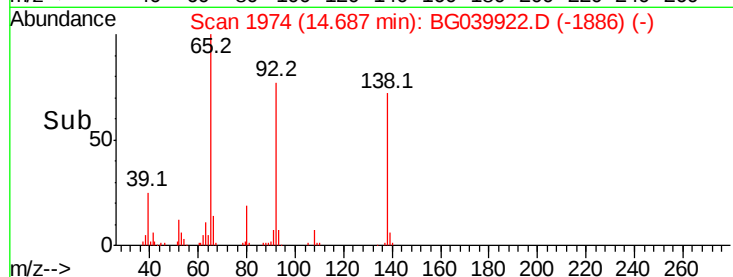
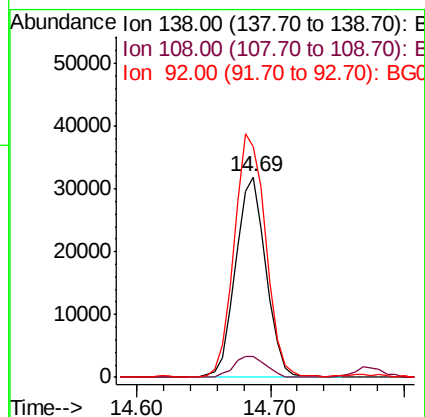
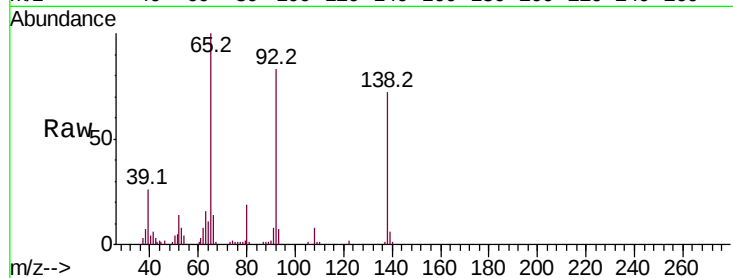
Tot Ion:138 Resp: 50373

Ion Ratio Lower Upper

138 100

108 10.7 13.8 20.8#

92 115.2 103.7 155.5



#54

2,4-Dinitrophenol

Concen: 24.363 ng

RT: 14.89 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BG039922.D

Acq: 14 Mar 2019 4:01

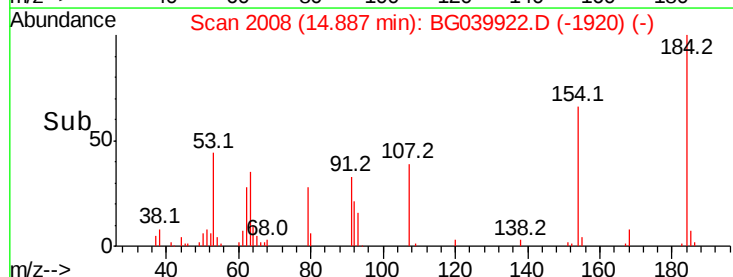
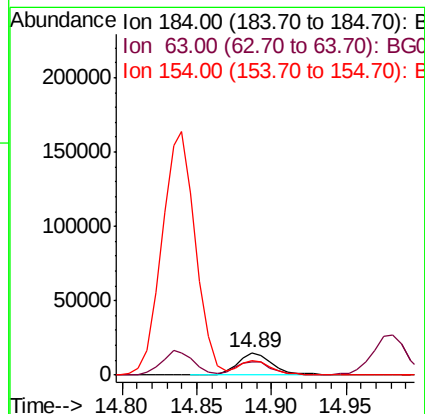
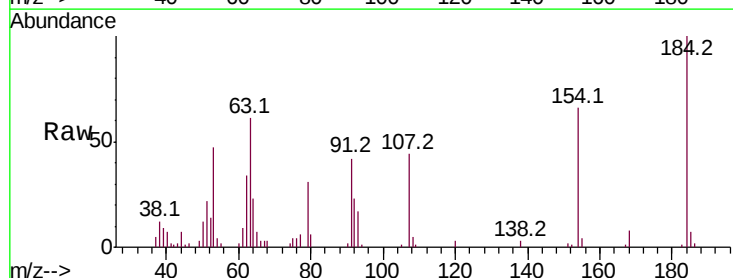
Tgt Ion:184 Resp: 24819

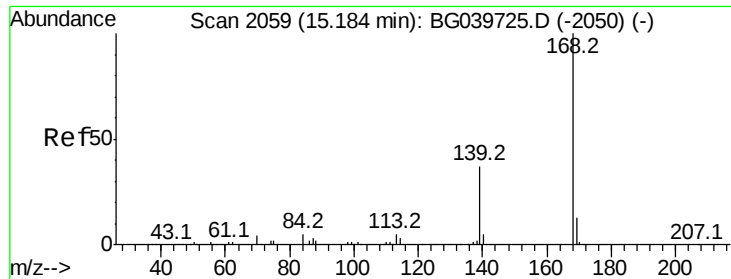
Ion Ratio Lower Upper

184 100

63 61.2 50.9 76.3

154 66.5 53.0 79.6

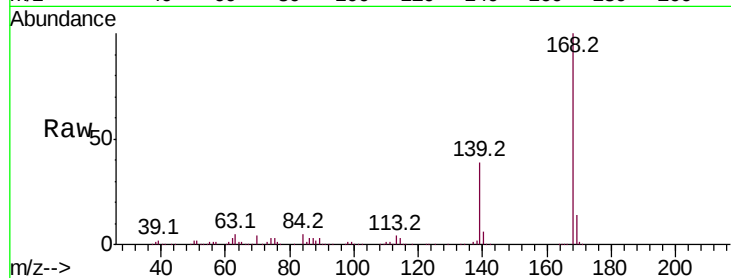




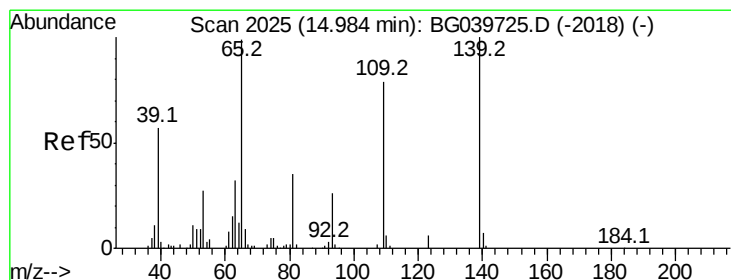
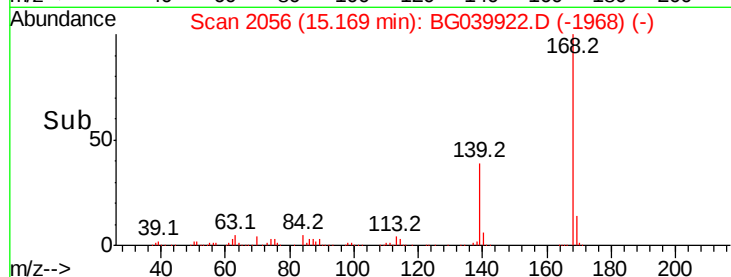
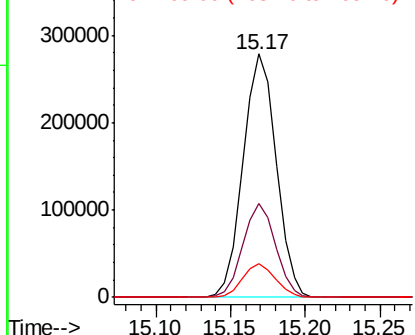
#55
Dibenzenofuran
Concen: 39.200 ng
RT: 15.17 min Scan# 2056
Delta R.T. -0.02 min
Lab File: BG039922.D
Acq: 14 Mar 2019 4:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 426852
Ion Ratio Lower Upper
168 100
139 38.8 30.1 45.1
169 13.9 10.6 16.0

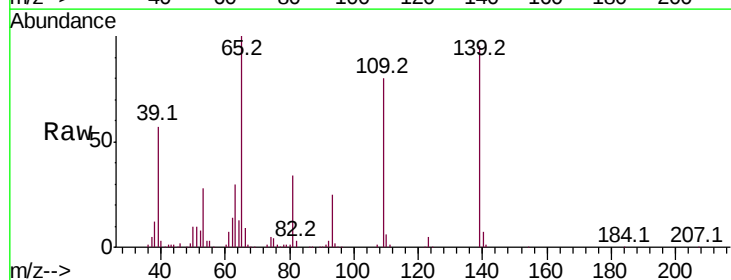


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

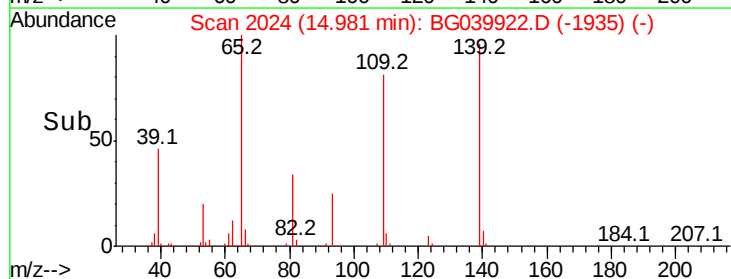
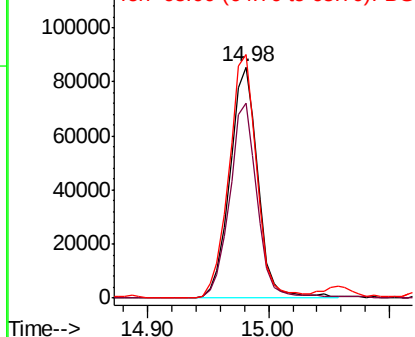


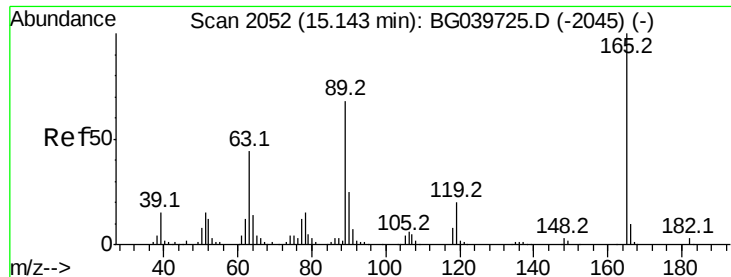
#56
4-Nitrophenol
Concen: 79.728 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG039922.D
Acq: 14 Mar 2019 4:01

Tgt Ion:139 Resp: 137971
Ion Ratio Lower Upper
139 100
109 84.5 61.9 101.9
65 105.2 99.1 139.1



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

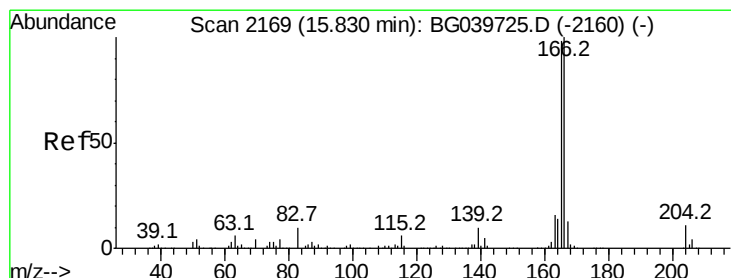
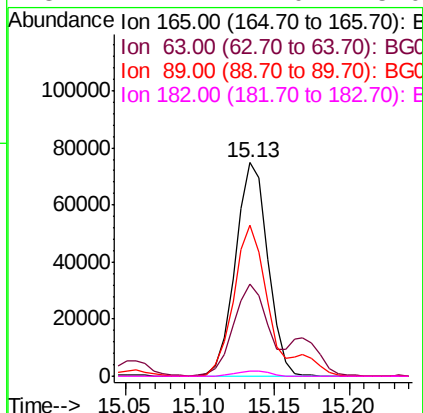
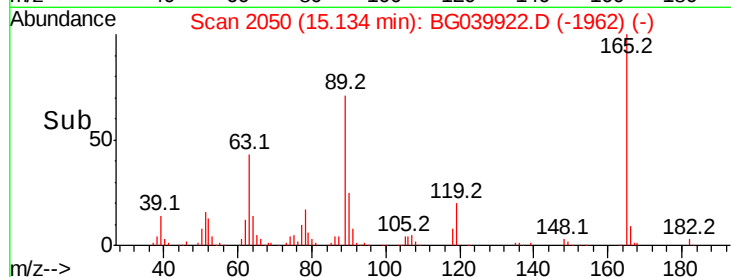
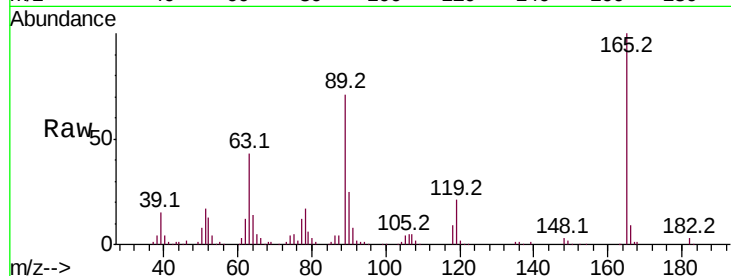




#57
2,4-Dinitrotoluene
Concen: 41.797 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BG039922.D
Acq: 14 Mar 2019 4:01

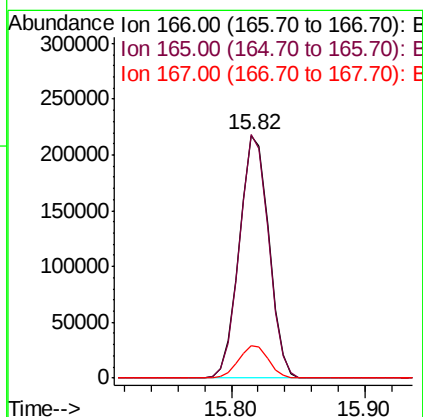
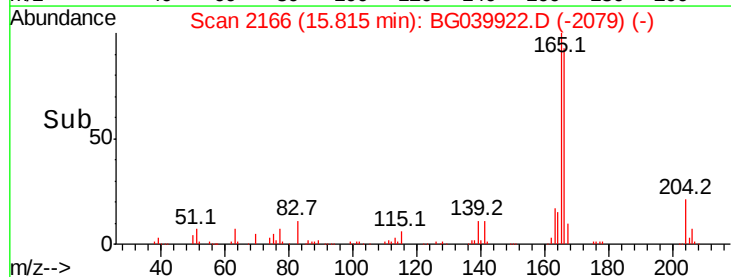
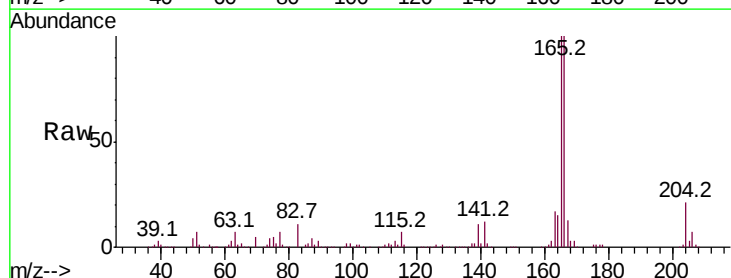
Instrument :
BNA_G
ClientSampleId :

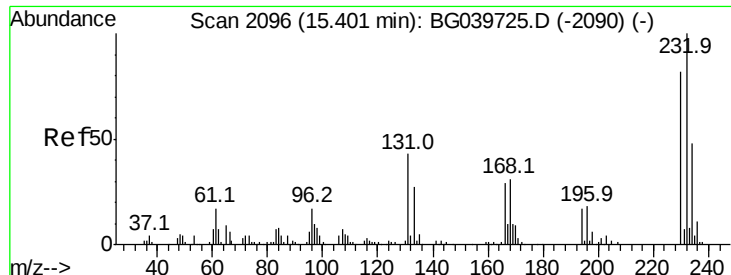
Tot Ion:165 Resp: 113023
Ion Ratio Lower Upper
165 100
63 43.2 41.0 61.6
89 70.6 64.6 96.8
182 2.7 2.0 3.0



#58
Fluorene
Concen: 38.843 ng
RT: 15.82 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BG039922.D
Acq: 14 Mar 2019 4:01

Tgt Ion:166 Resp: 332505
Ion Ratio Lower Upper
166 100
165 100.3 77.9 116.9
167 13.5 10.8 16.2

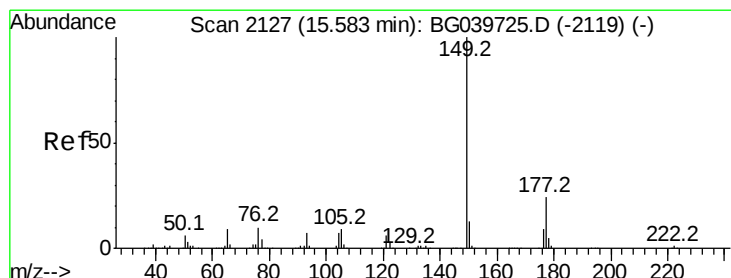
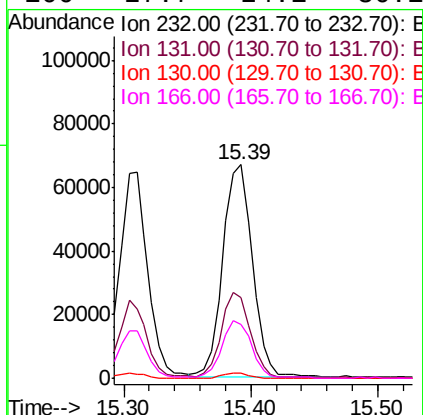
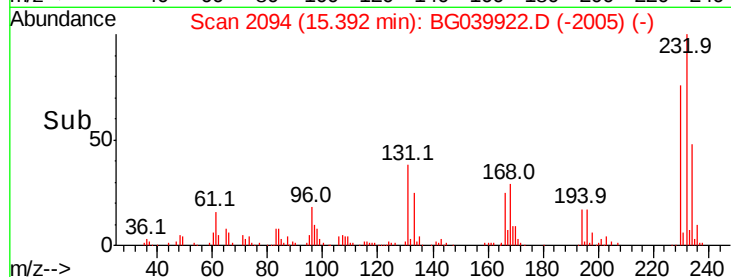
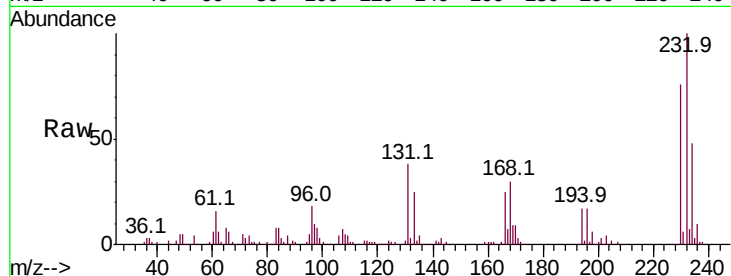




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.733 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG039922.D
 Acq: 14 Mar 2019 4:01

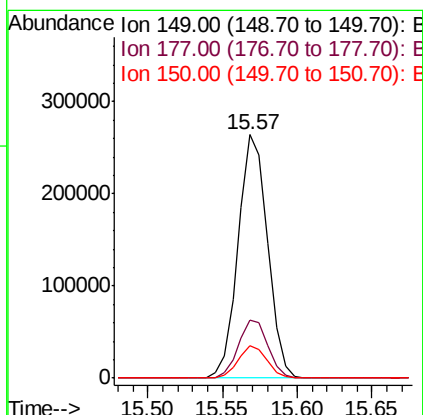
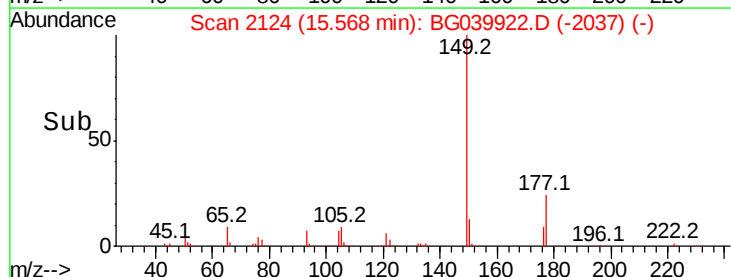
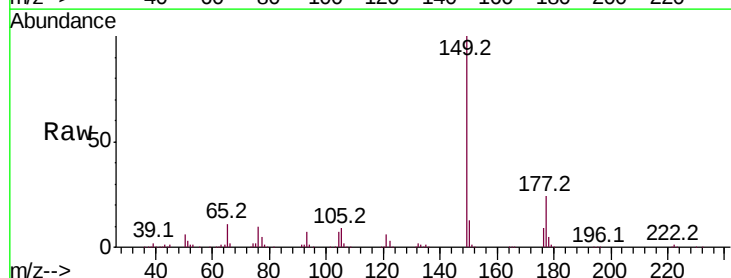
Instrument :
 BNA_G
 ClientSampleId :

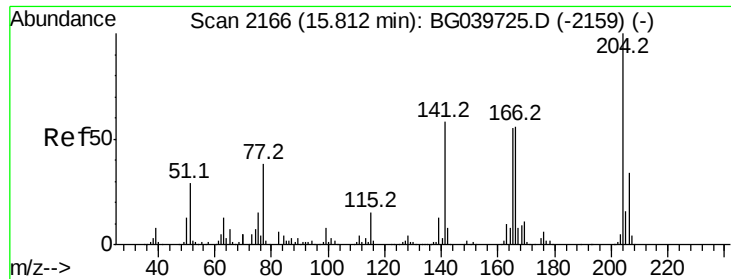
Tot Ion	Ratio	Lower	Upper
232	100		
131	38.2	34.9	52.3
130	2.2	2.0	3.0
166	27.7	24.1	36.1



#60
 Diethylphthalate
 Concen: 40.198 ng
 RT: 15.57 min Scan# 2124
 Delta R.T. -0.02 min
 Lab File: BG039922.D
 Acq: 14 Mar 2019 4:01

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.3	27.5
150	13.4	10.2	15.2

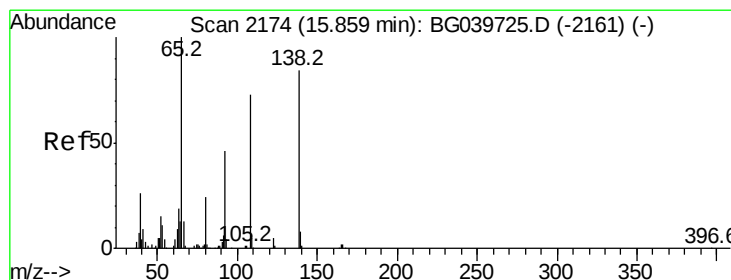
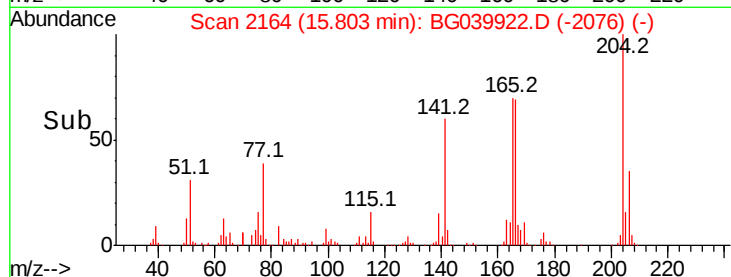
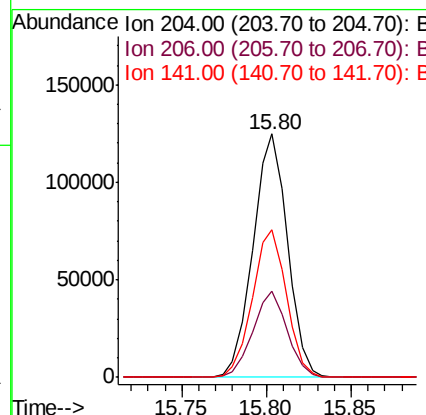
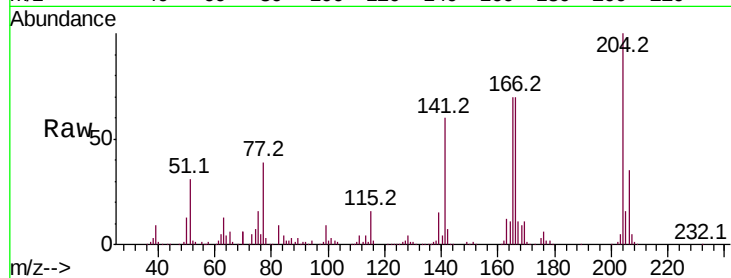




#61
 4-Chlorophenyl-phenylether
 Concen: 38.654 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.02 min
 Lab File: BG039922.D
 Acq: 14 Mar 2019 4:01

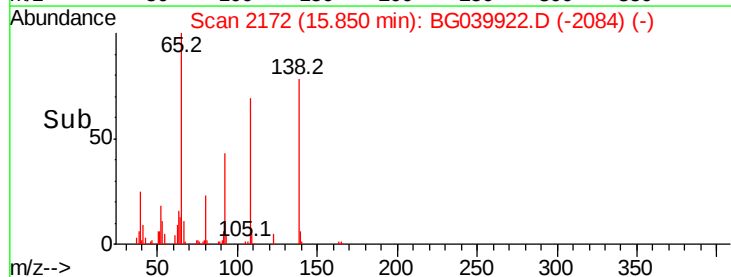
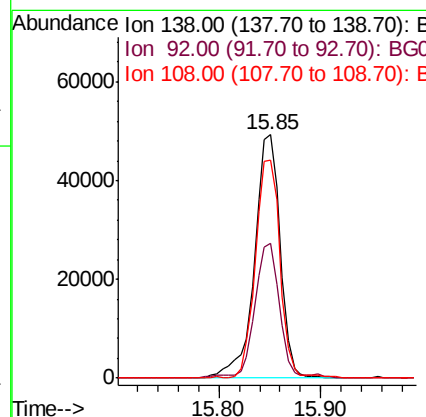
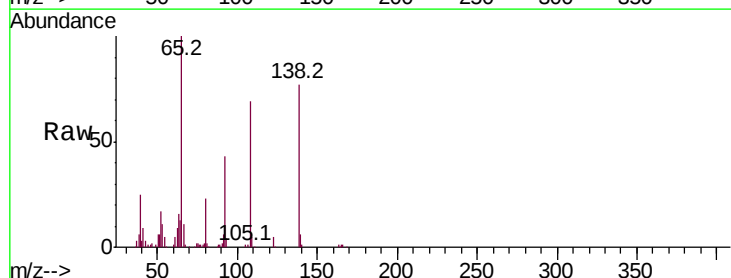
Instrument :
 BNA_G
 ClientSampleId :

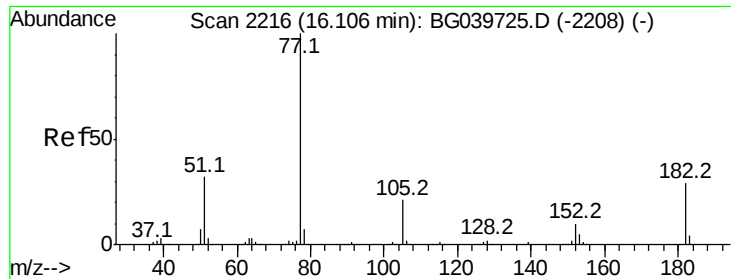
Tot Ion:204 Resp: 176570
 Ion Ratio Lower Upper
 204 100
 206 35.5 29.2 43.8
 141 60.5 49.0 73.4



#62
 4-Nitroaniline
 Concen: 41.259 ng
 RT: 15.85 min Scan# 2172
 Delta R.T. -0.02 min
 Lab File: BG039922.D
 Acq: 14 Mar 2019 4:01

Tgt Ion:138 Resp: 86527
 Ion Ratio Lower Upper
 138 100
 92 55.2 38.7 78.7
 108 89.4 74.6 114.6

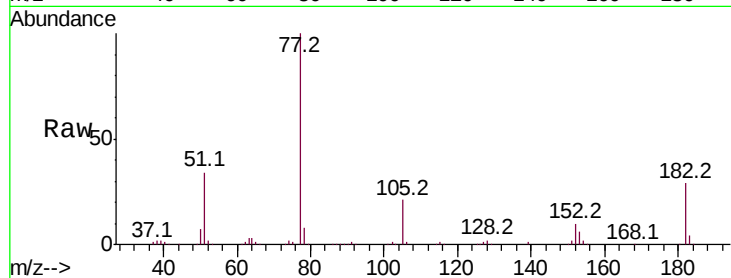




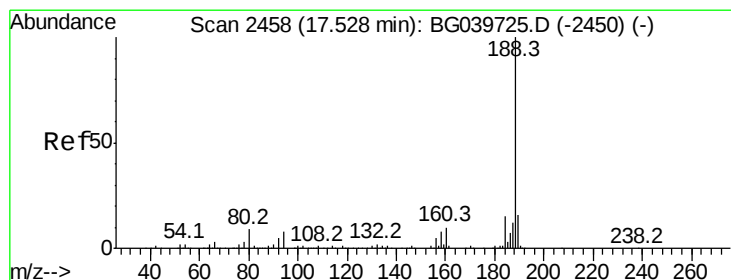
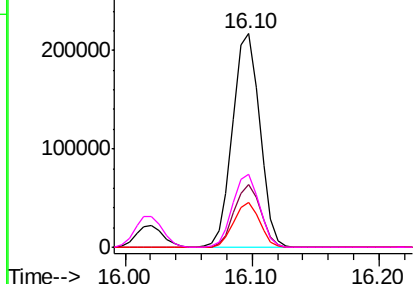
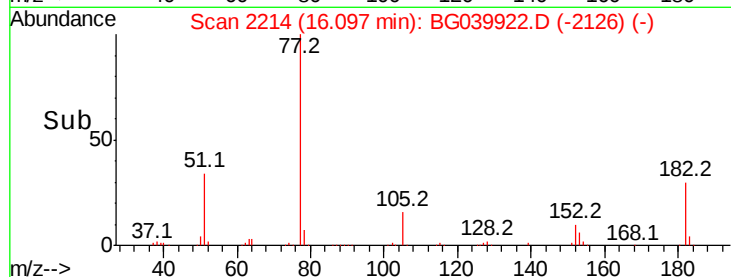
#63
Azobenzene
Concen: 39.376 ng
RT: 16.10 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG039922.D
Acq: 14 Mar 2019 4:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.1	6.4	46.4
105	21.0	0.0	39.8
51	34.4	14.1	54.1

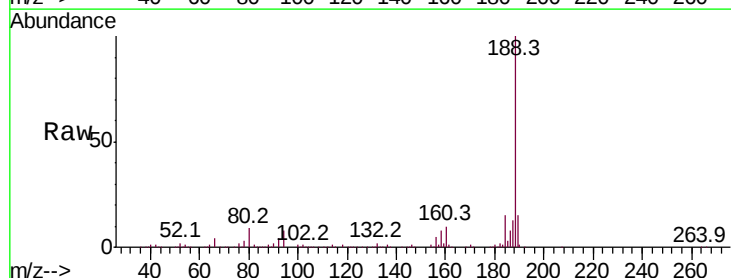


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

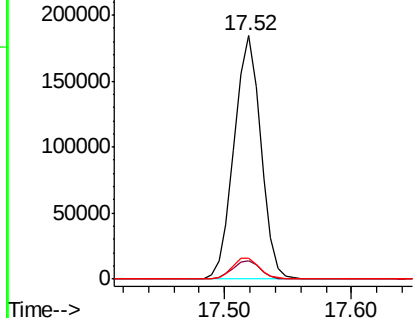
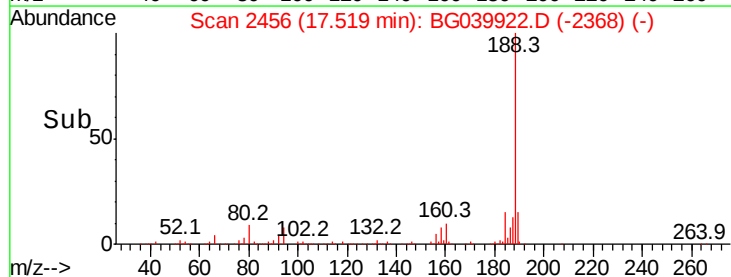


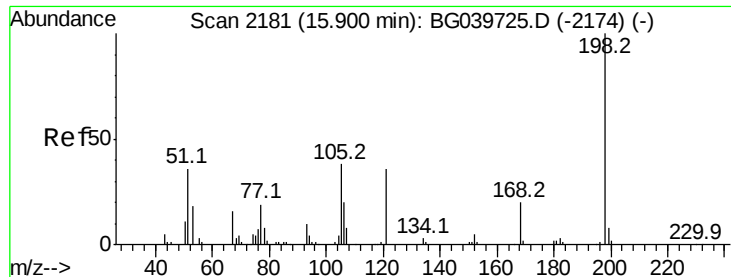
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039922.D
Acq: 14 Mar 2019 4:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.9	10.3
80	8.7	8.1	12.1



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 21.783 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BG039922.D

Acq: 14 Mar 2019 4:01

Instrument :

BNA_G

ClientSampleId :

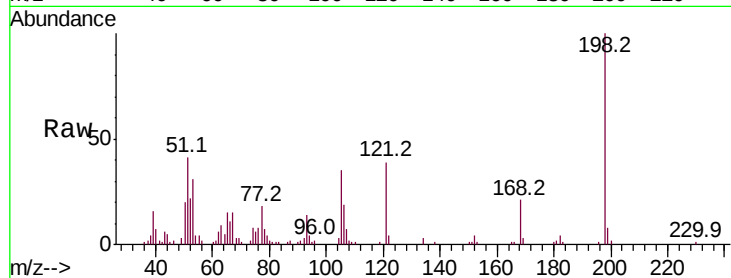
Tot Ion:198 Resp: 34537

Ion	Ratio	Lower	Upper
198	100		
51	41.4	27.4	67.4
105	35.1	19.7	59.7

198 100

51 41.4 27.4 67.4

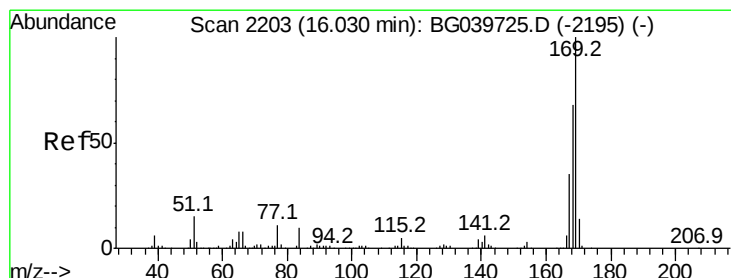
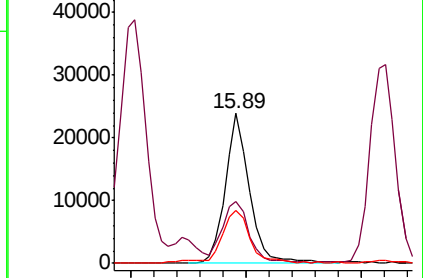
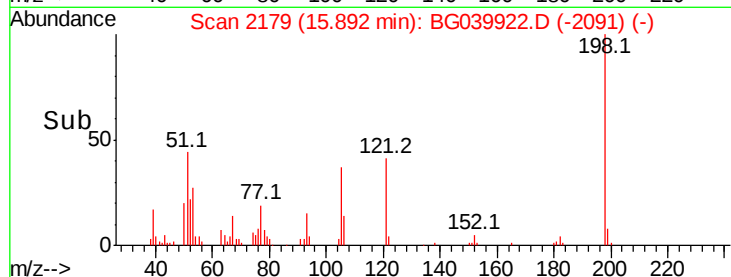
105 35.1 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.991 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.02 min

Lab File: BG039922.D

Acq: 14 Mar 2019 4:01

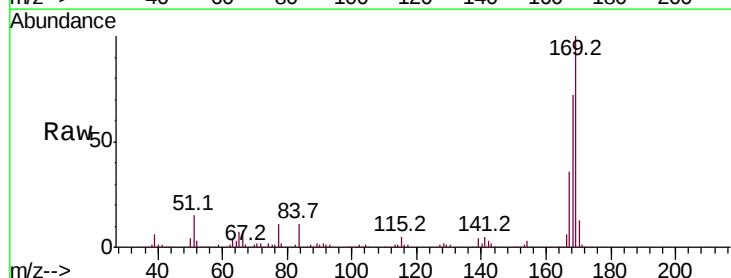
Tgt Ion:169 Resp: 310459

Ion	Ratio	Lower	Upper
169	100		
168	71.6	56.6	85.0
167	36.4	28.8	43.2

169 100

168 71.6 56.6 85.0

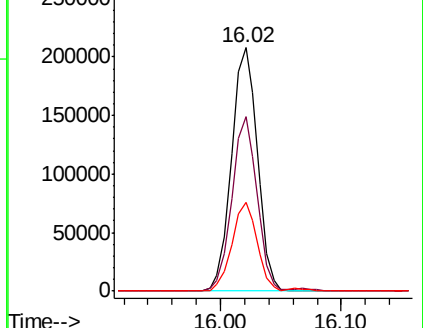
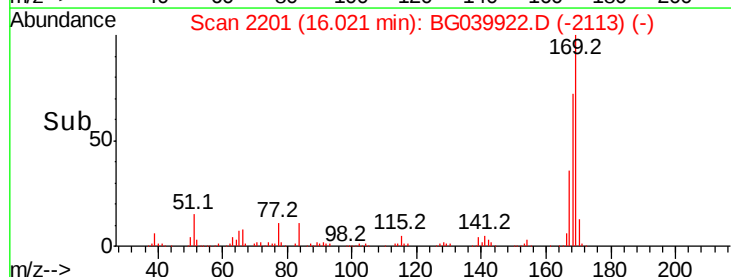
167 36.4 28.8 43.2

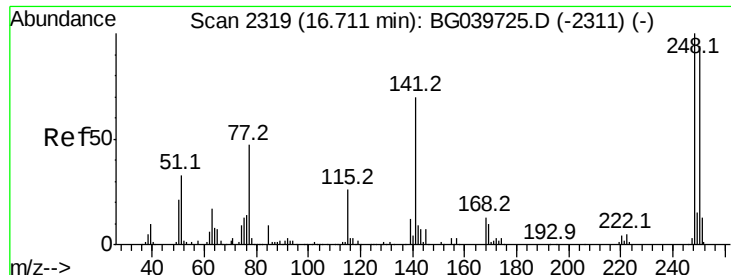


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

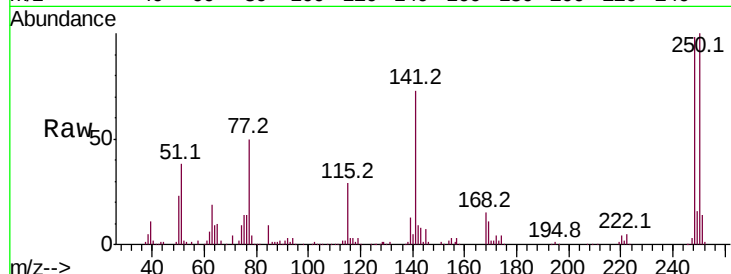




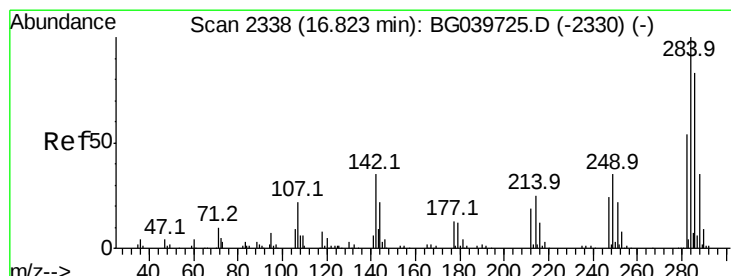
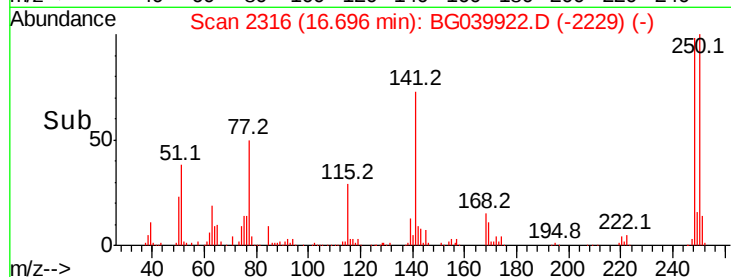
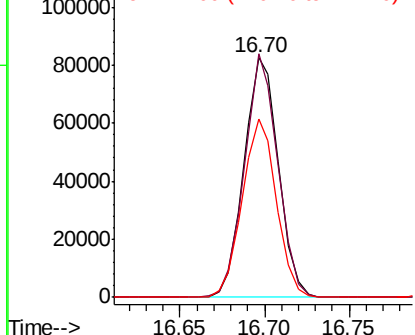
#67
4-Bromophenyl-phenylether
Concen: 38.777 ng
RT: 16.70 min Scan# 2316
Delta R.T. -0.02 min
Lab File: BG039922.D
Acq: 14 Mar 2019 4:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 116393
Ion Ratio Lower Upper
248 100
250 101.8 77.6 116.4
141 74.7 63.9 95.9

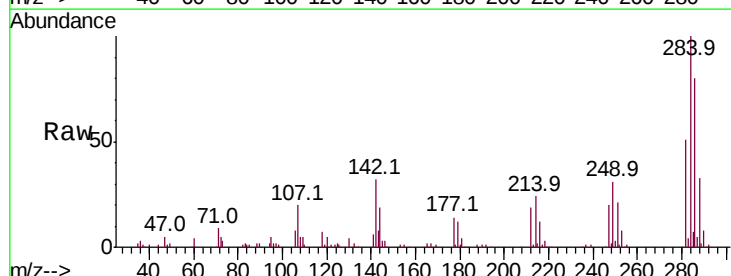


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

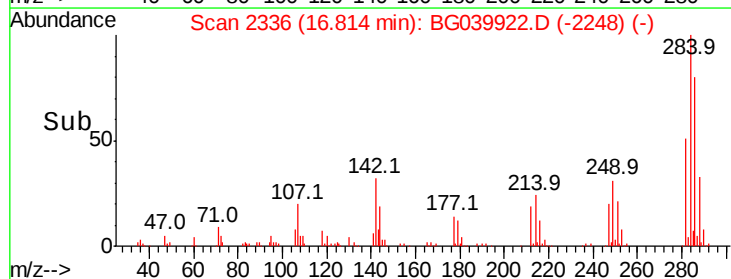
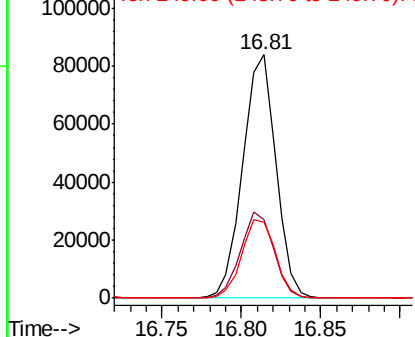


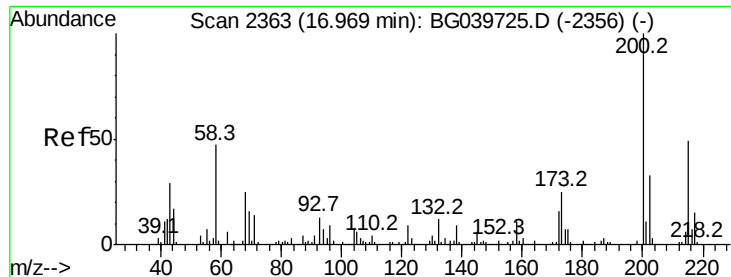
#68
Hexachlorobenzene
Concen: 39.203 ng
RT: 16.81 min Scan# 2336
Delta R.T. -0.02 min
Lab File: BG039922.D
Acq: 14 Mar 2019 4:01

Tgt Ion:284 Resp: 121973
Ion Ratio Lower Upper
284 100
142 32.3 30.6 45.8
249 31.4 28.2 42.2



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

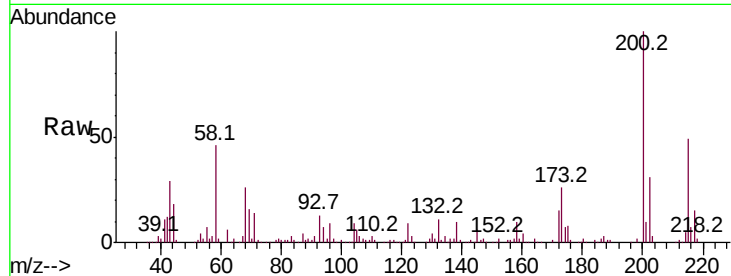




#69
 Atrazine
 Concen: 42.719 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BG039922.D
 Acq: 14 Mar 2019 4:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	3.9	43.9
215	48.8	30.9	70.9

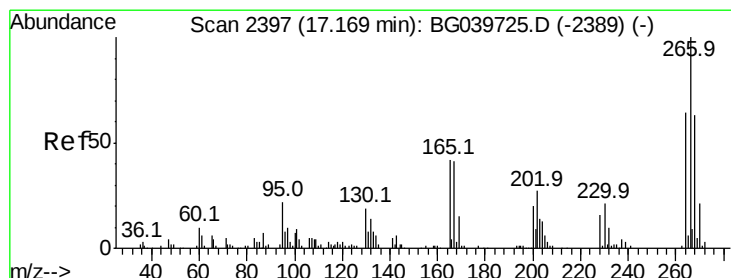
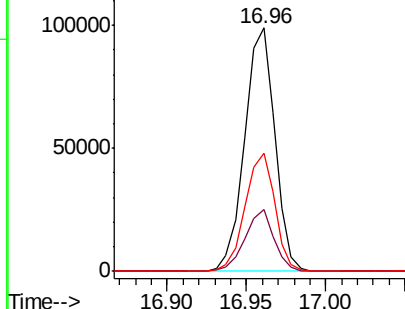
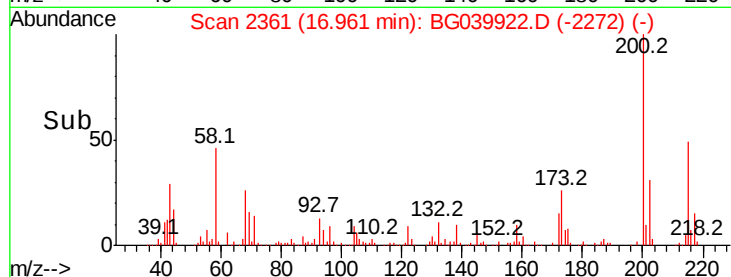


Abundance

Ion 200.00 (199.70 to 200.70): E

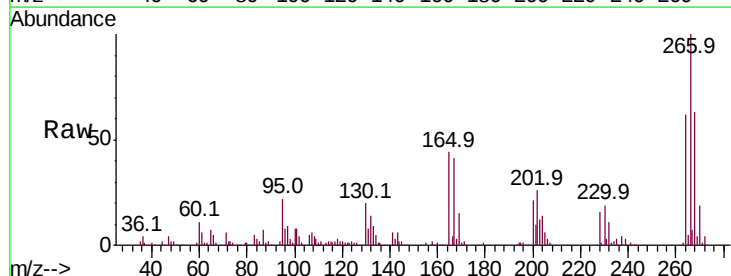
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 71.708 ng
 RT: 17.16 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BG039922.D
 Acq: 14 Mar 2019 4:01

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.1	76.7
264	62.1	52.1	78.1

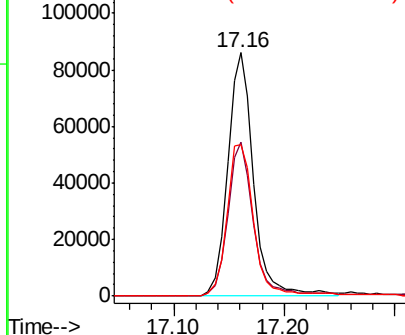
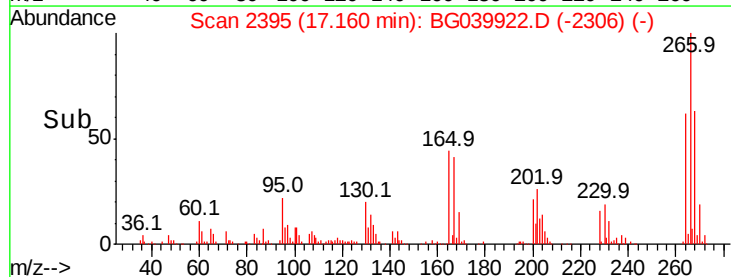


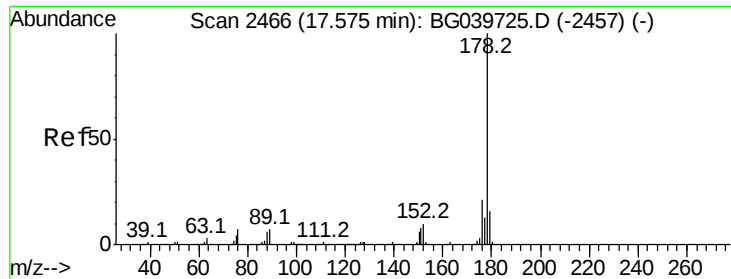
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

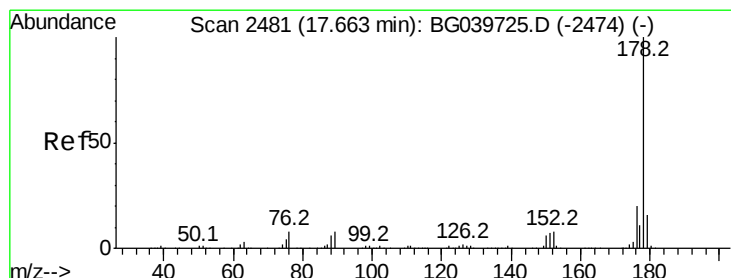
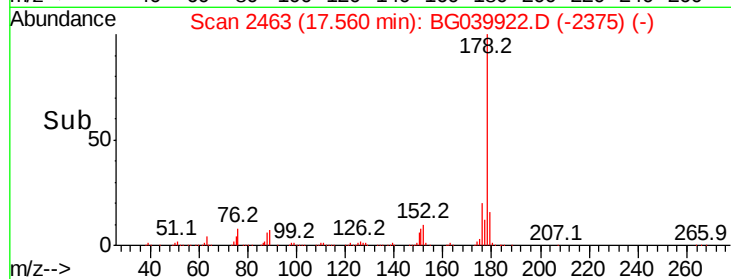
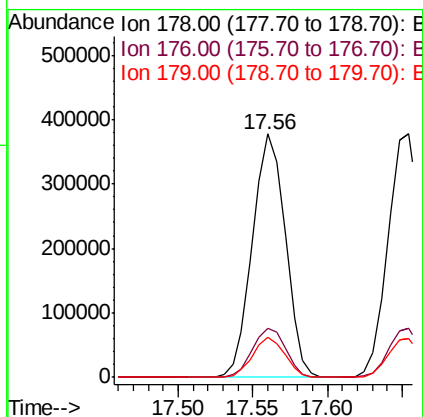
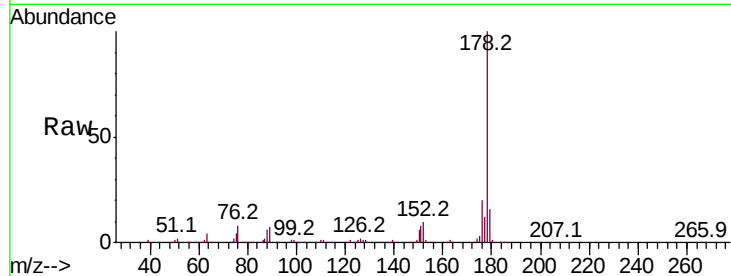




#71
Phenanthrene
Concen: 39.017 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG039922.D
Acq: 14 Mar 2019 4:01

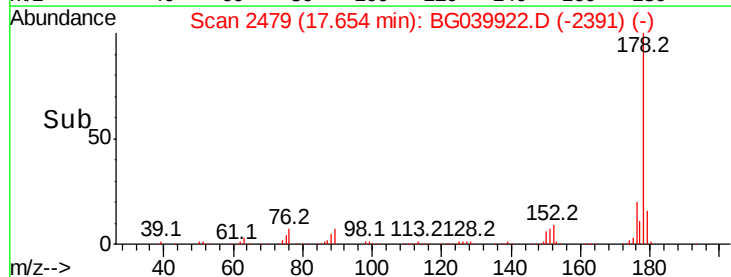
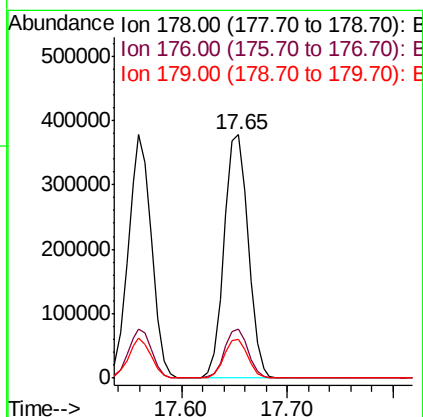
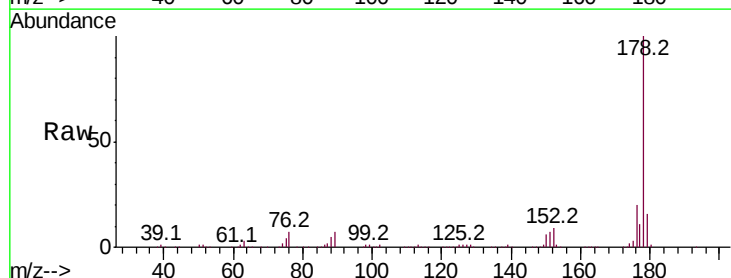
Instrument :
BNA_G
ClientSampleId :

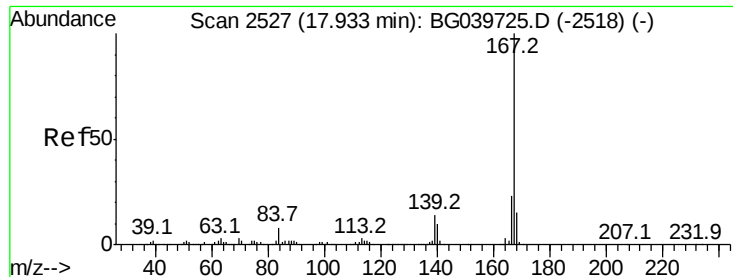
Tot Ion:178 Resp: 576288
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.4
179 16.2 12.6 19.0



#72
Anthracene
Concen: 41.431 ng
RT: 17.65 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG039922.D
Acq: 14 Mar 2019 4:01

Tgt Ion:178 Resp: 596344
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.6
179 16.1 12.5 18.7





#73

Carbazole

Concen: 40.850 ng

RT: 17.92 min Scan# 2525

Delta R.T. -0.02 min

Lab File: BG039922.D

Acq: 14 Mar 2019 4:01

Instrument :

BNA_G

ClientSampleId :

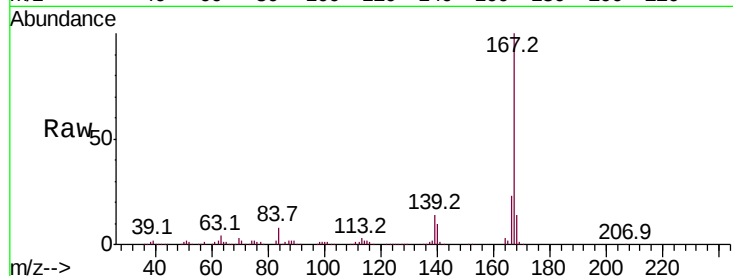
Tot Ion:167 Resp: 530062

Ion Ratio Lower Upper

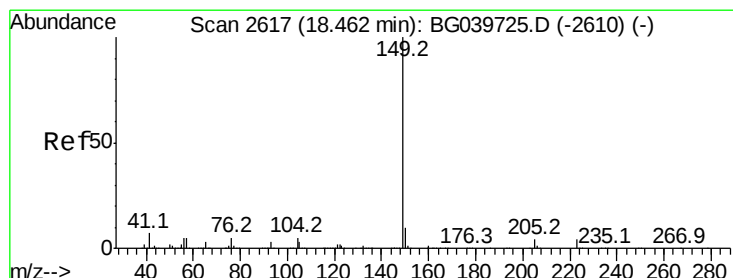
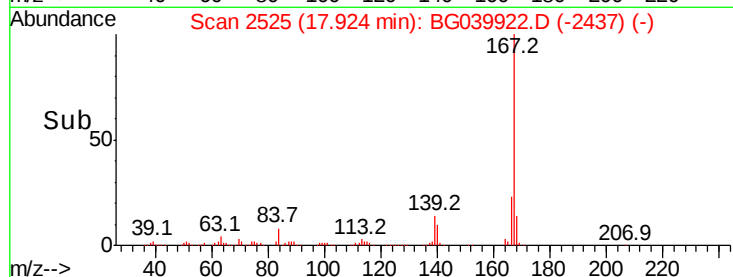
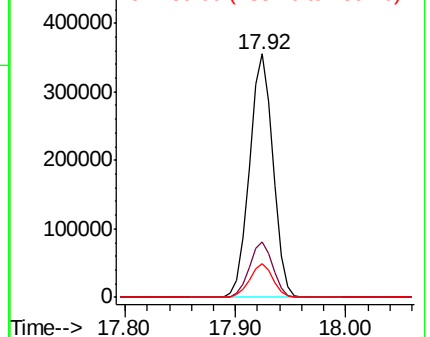
167 100

166 22.6 19.4 29.2

139 13.7 10.8 16.2



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



#74

Di-n-butylphthalate

Concen: 42.383 ng

RT: 18.45 min Scan# 2615

Delta R.T. -0.02 min

Lab File: BG039922.D

Acq: 14 Mar 2019 4:01

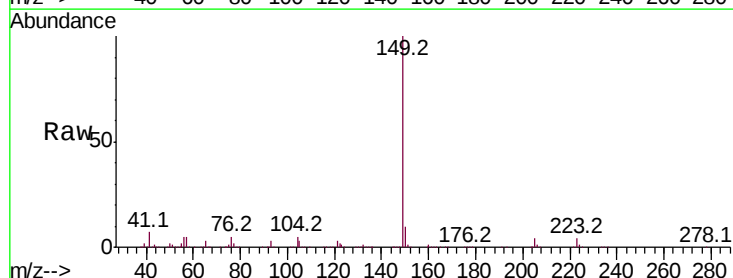
Tgt Ion:149 Resp: 647071

Ion Ratio Lower Upper

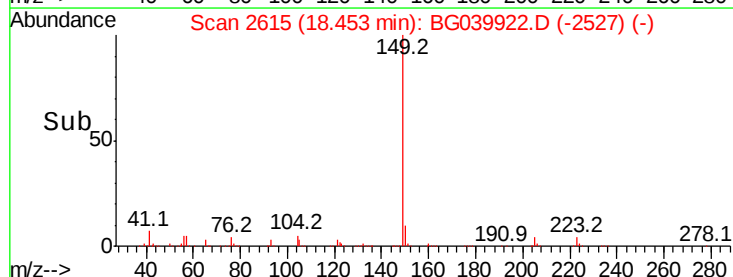
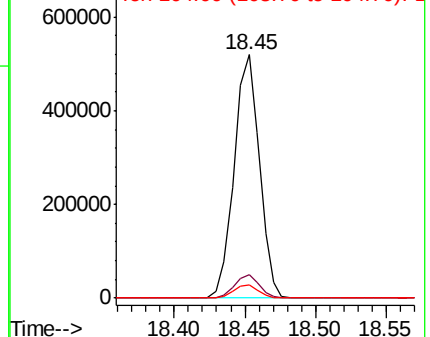
149 100

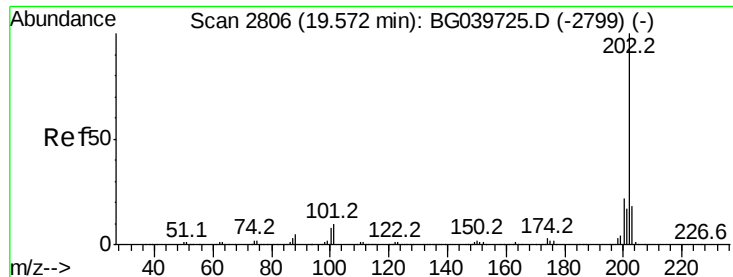
150 9.6 7.7 11.5

104 5.3 4.5 6.7



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





#75

Fluoranthene

Concen: 41.550 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG039922.D

Acq: 14 Mar 2019 4:01

Instrument :

BNA_G

ClientSampleId :

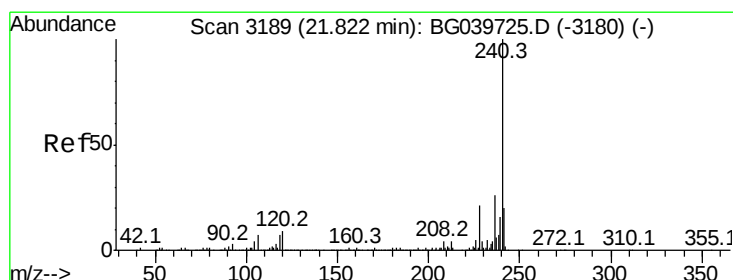
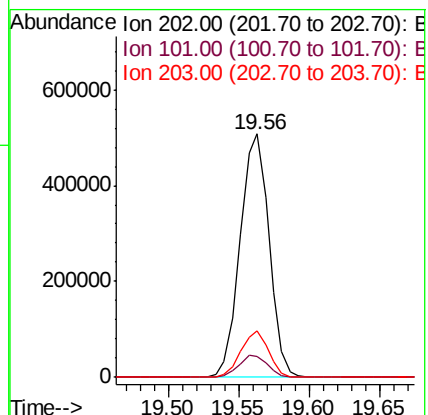
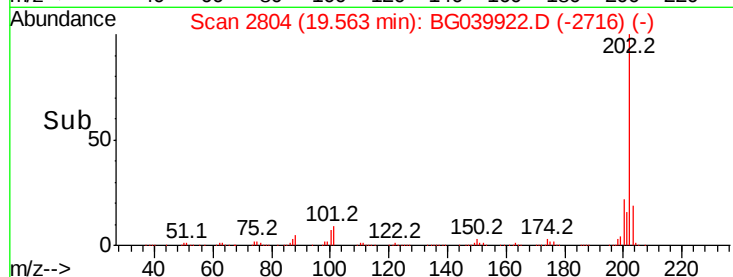
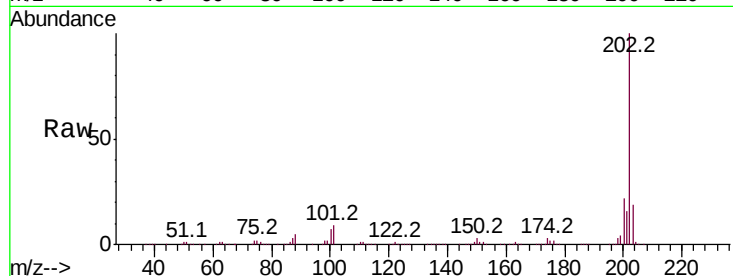
Tot Ion:202 Resp: 725301

Ion Ratio Lower Upper

202 100

101 8.8 0.0 30.0

203 18.9 0.0 38.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.81 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG039922.D

Acq: 14 Mar 2019 4:01

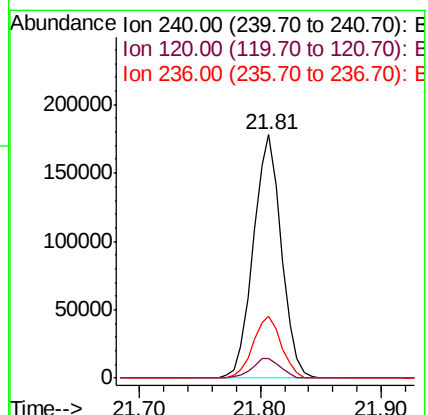
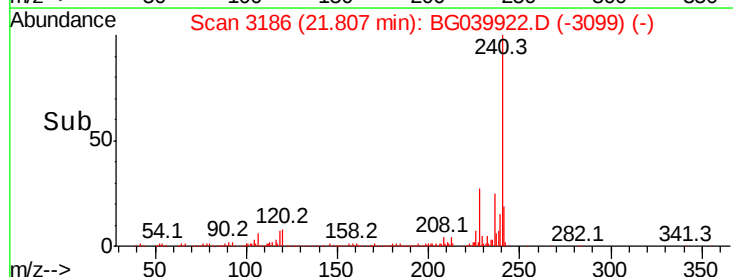
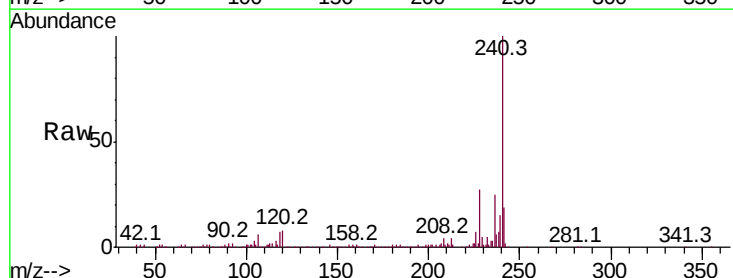
Tgt Ion:240 Resp: 288077

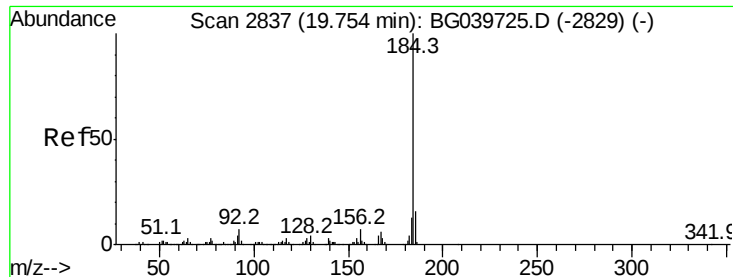
Ion Ratio Lower Upper

240 100

120 7.9 7.0 10.6

236 25.3 21.0 31.4





#77

Benzidine

Concen: 33.763 ng

RT: 19.75 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG039922.D

Acq: 14 Mar 2019 4:01

Instrument :

BNA_G

ClientSampleId :

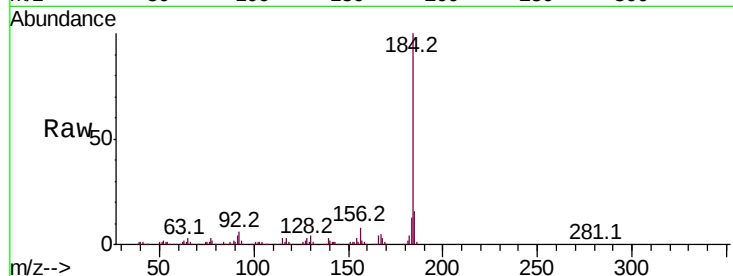
Tot Ion:184 Resp: 308647

Ion Ratio Lower Upper

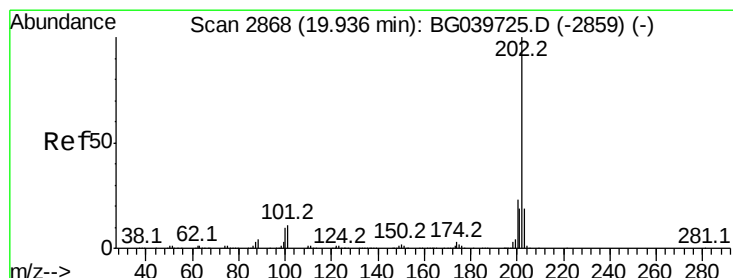
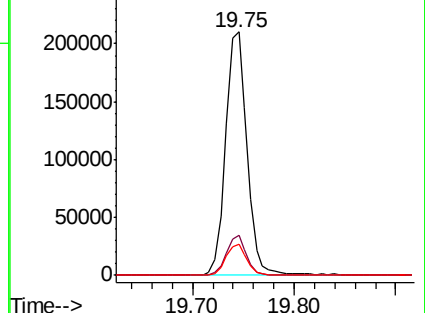
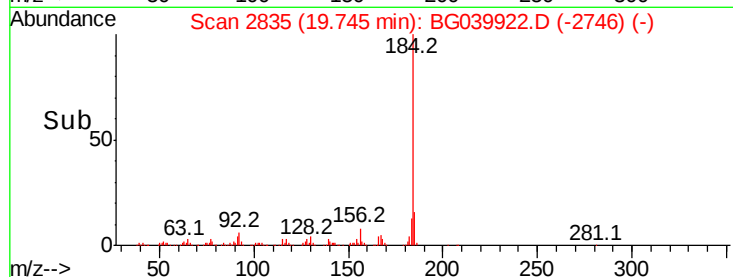
184 100

185 16.3 12.2 18.2

183 12.9 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.127 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.02 min

Lab File: BG039922.D

Acq: 14 Mar 2019 4:01

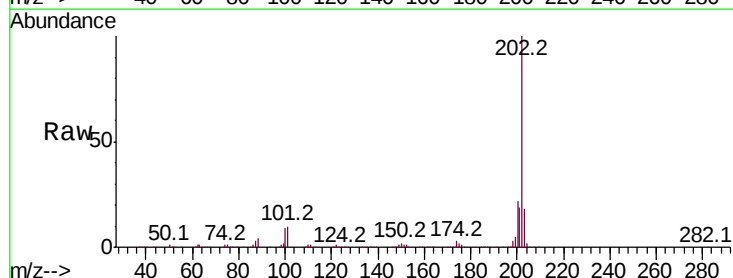
Tgt Ion:202 Resp: 732435

Ion Ratio Lower Upper

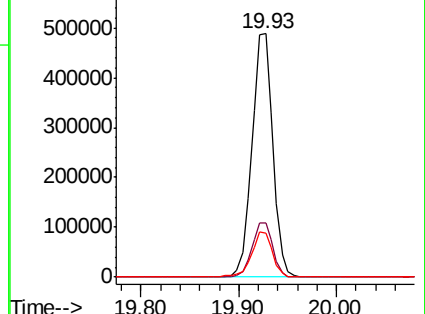
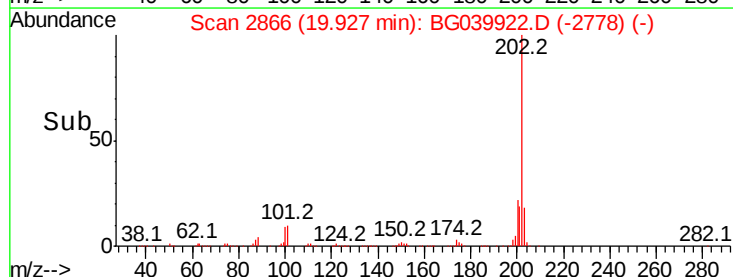
202 100

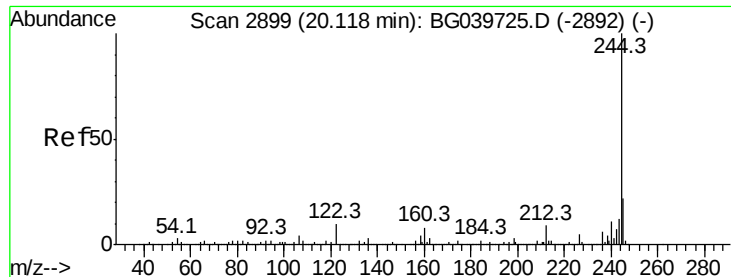
200 22.5 17.8 26.8

203 18.3 15.3 22.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.092 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG039922.D

Acq: 14 Mar 2019 4:01

Instrument :

BNA_G

ClientSampled :

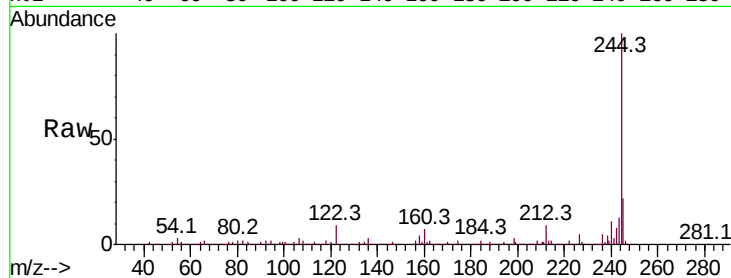
Tot Ion:244 Resp: 995559

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

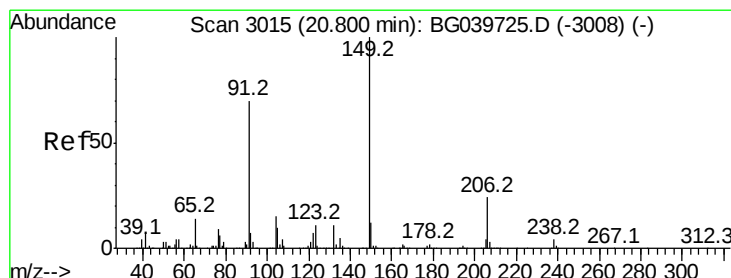
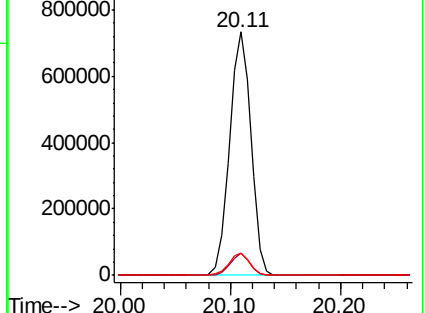
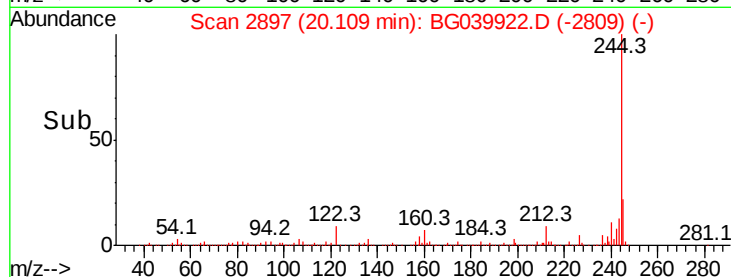
122 9.0 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.799 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG039922.D

Acq: 14 Mar 2019 4:01

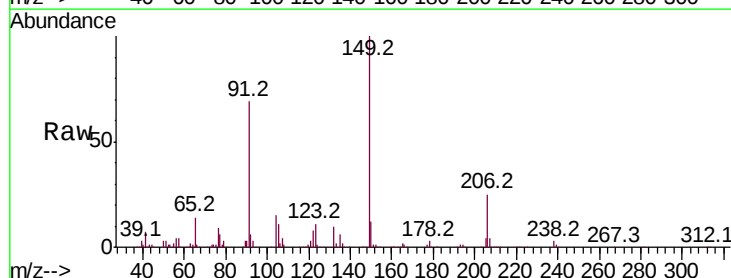
Tgt Ion:149 Resp: 303140

Ion Ratio Lower Upper

149 100

91 68.9 59.5 89.3

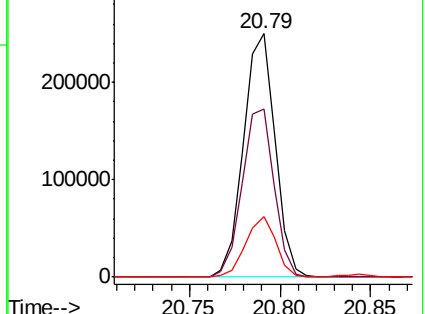
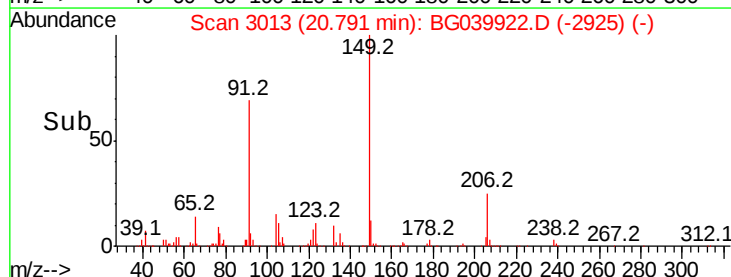
206 24.7 18.6 27.8

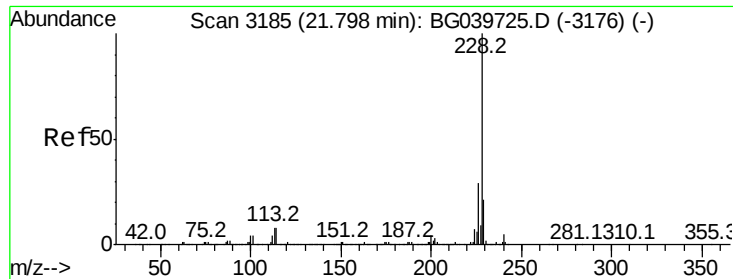


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

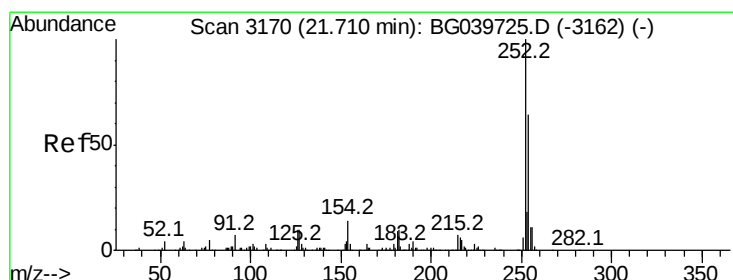
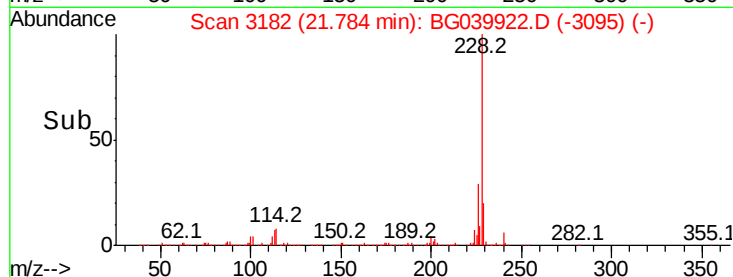
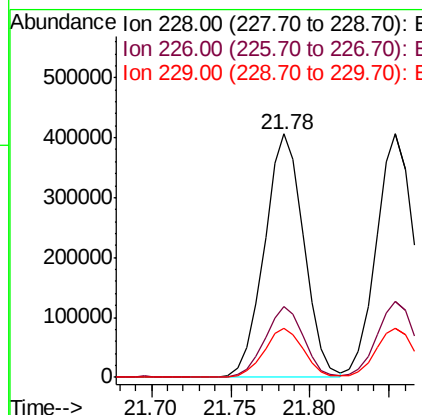
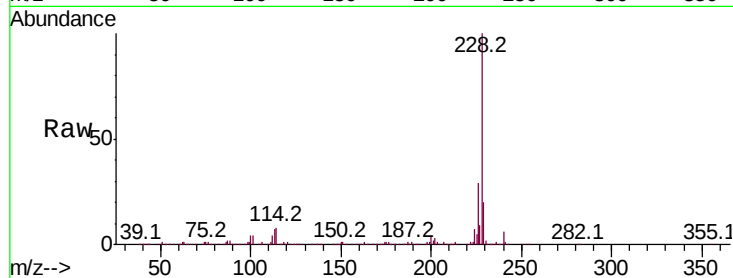




#81
Benzo(a)anthracene
Concen: 38.718 ng
RT: 21.78 min Scan# 3182
Delta R.T. -0.02 min
Lab File: BG039922.D
Acq: 14 Mar 2019 4:01

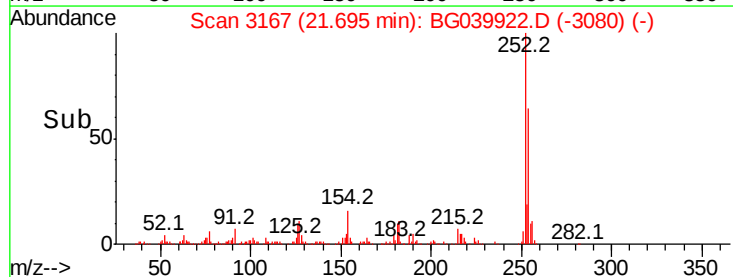
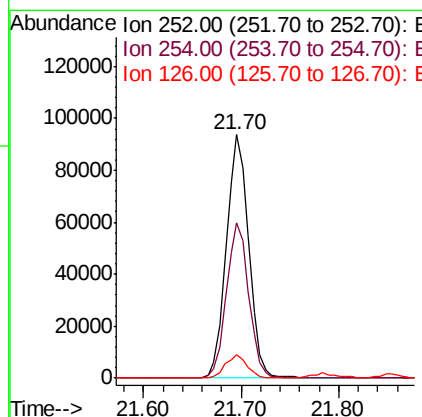
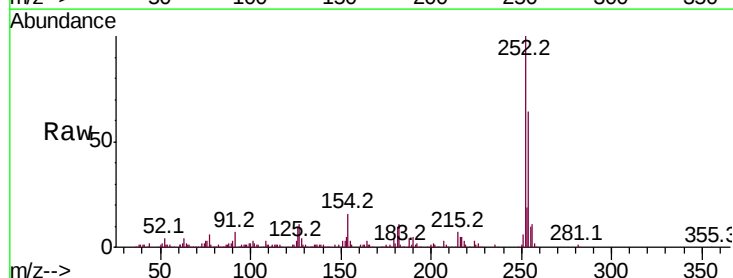
Instrument :
BNA_G
ClientSampled :

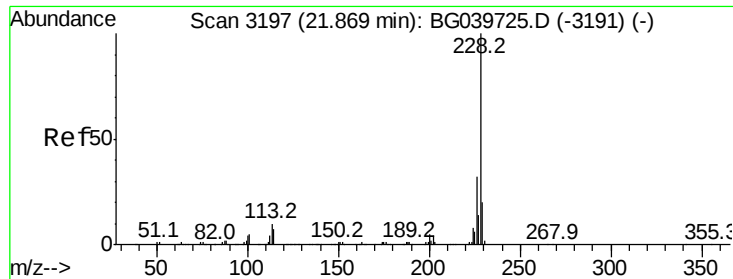
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.0	34.6
229	20.3	16.9	25.3



#82
3,3'-Dichlorobenzidine
Concen: 22.547 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG039922.D
Acq: 14 Mar 2019 4:01

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.3	76.9
126	9.8	8.0	12.0

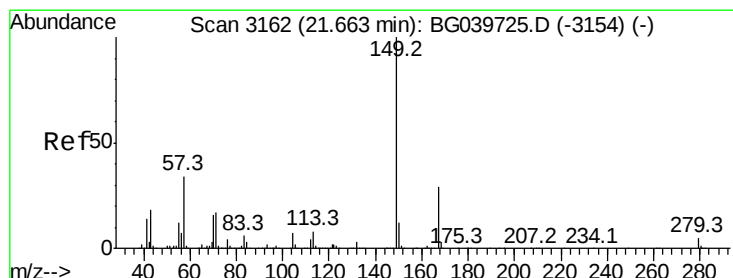
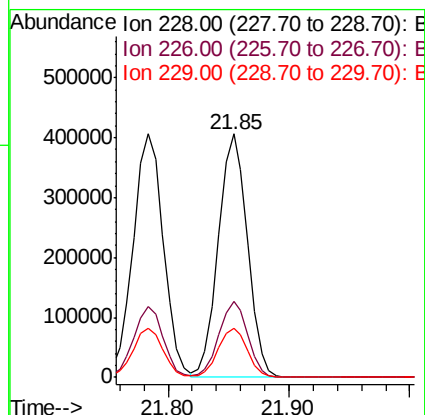
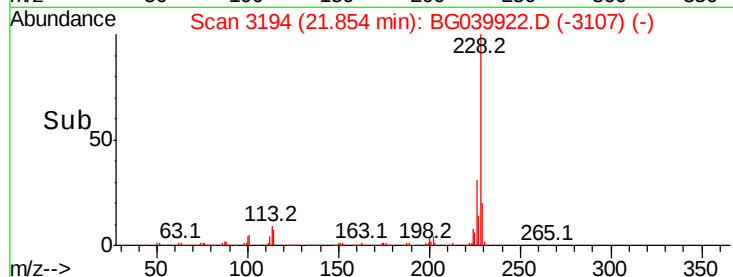
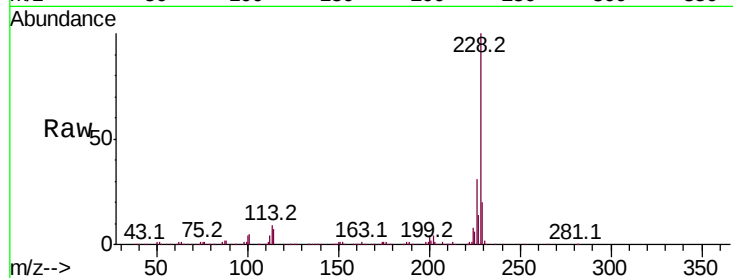




#83
Chrysene
Concen: 38.437 ng
RT: 21.85 min Scan# 3194
Delta R.T. -0.02 min
Lab File: BG039922.D
Acq: 14 Mar 2019 4:01

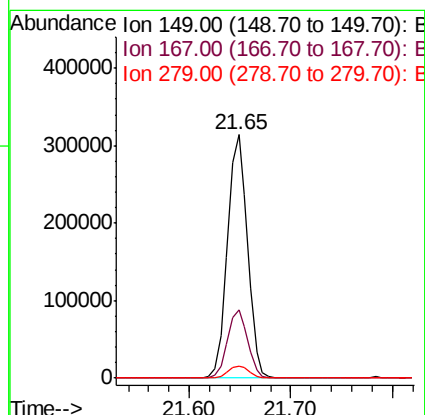
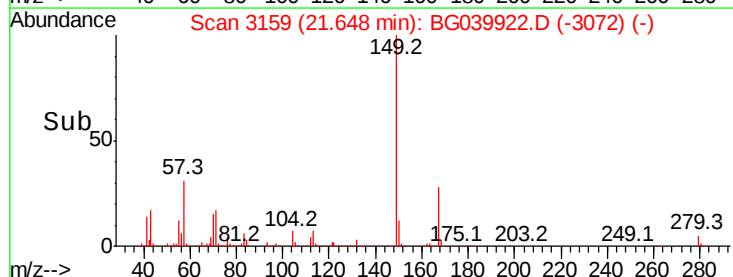
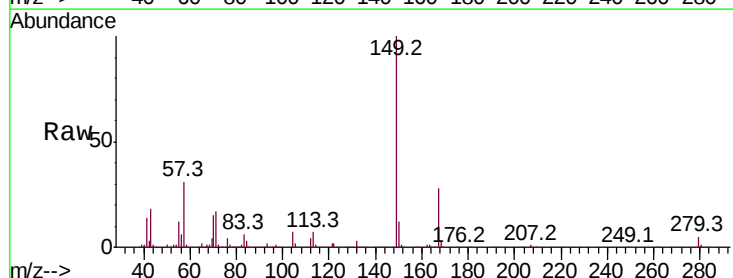
Instrument :
BNA_G
ClientSampleId :

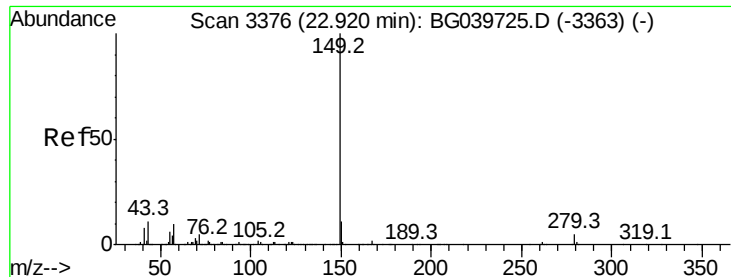
Tot Ion:228 Resp: 672785
Ion Ratio Lower Upper
228 100
226 31.2 25.8 38.6
229 20.4 16.6 25.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.111 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.02 min
Lab File: BG039922.D
Acq: 14 Mar 2019 4:01

Tgt Ion:149 Resp: 429166
Ion Ratio Lower Upper
149 100
167 27.8 22.6 34.0
279 4.8 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 43.473 ng

RT: 22.90 min Scan# 3372

Delta R.T. -0.03 min

Lab File: BG039922.D

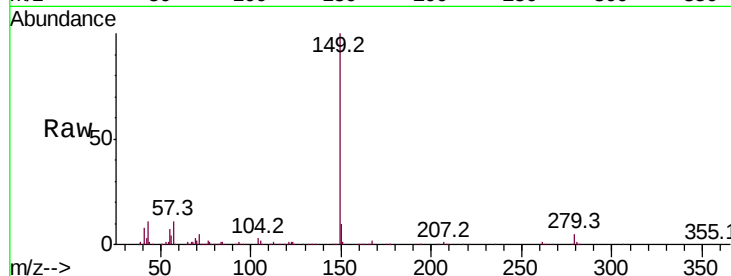
Acq: 14 Mar 2019 4:01

Instrument :

BNA_G

ClientSampled :

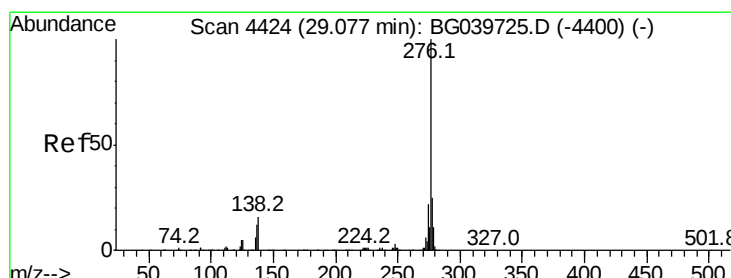
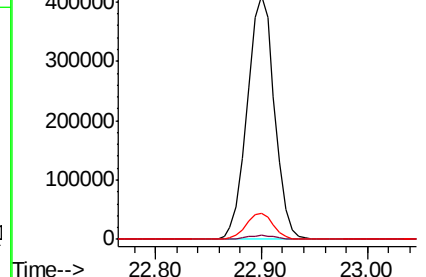
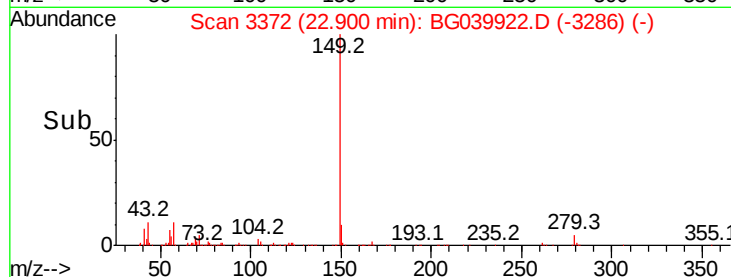
Tot Ion:	149	Resp:	733592
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.7	10.2	15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.070 ng

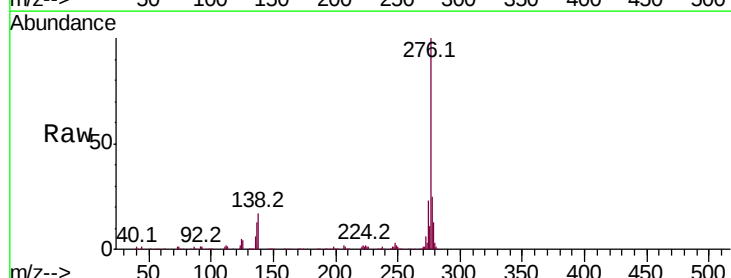
RT: 29.03 min Scan# 4416

Delta R.T. -0.06 min

Lab File: BG039922.D

Acq: 14 Mar 2019 4:01

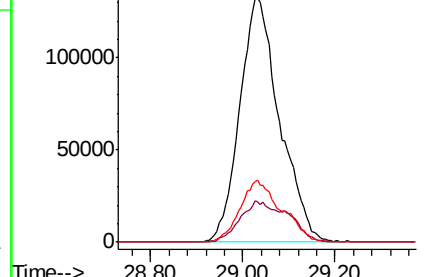
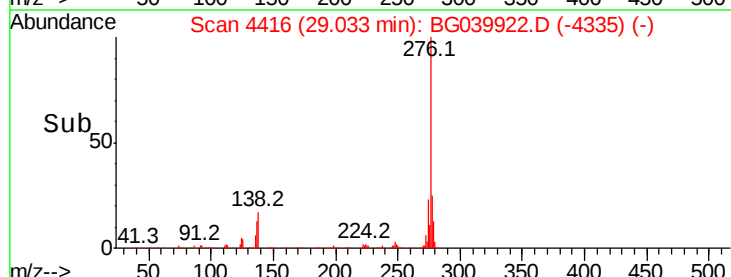
Tgt Ion:	276	Resp:	795662
Ion	Ratio	Lower	Upper
276	100		
138	14.6	12.6	19.0
277	26.2	20.8	31.2

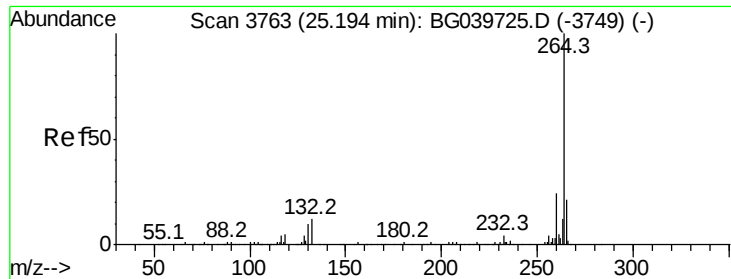


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.17 min Scan# 3758

Delta R.T. -0.03 min

Lab File: BG039922.D

Acq: 14 Mar 2019 4:01

Instrument :

BNA_G

ClientSampled :

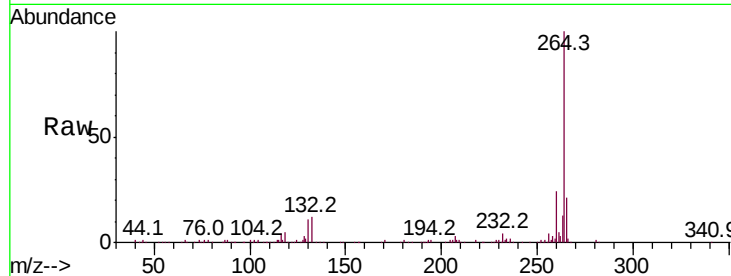
Tot Ion:264 Resp: 297070

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.4

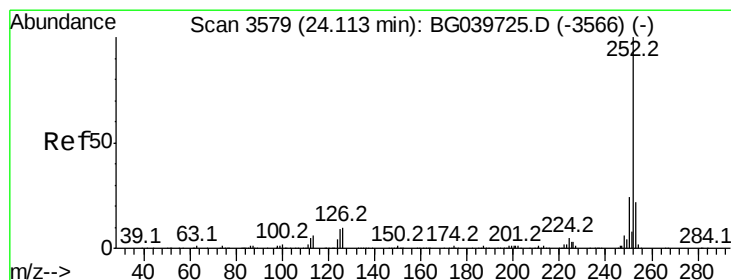
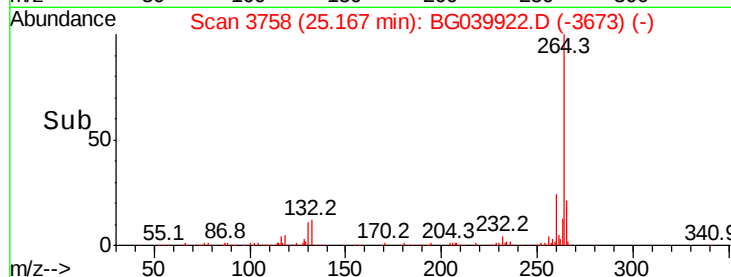
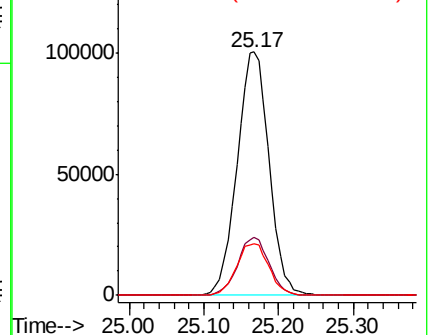
265 21.3 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.350 ng

RT: 24.09 min Scan# 3575

Delta R.T. -0.03 min

Lab File: BG039922.D

Acq: 14 Mar 2019 4:01

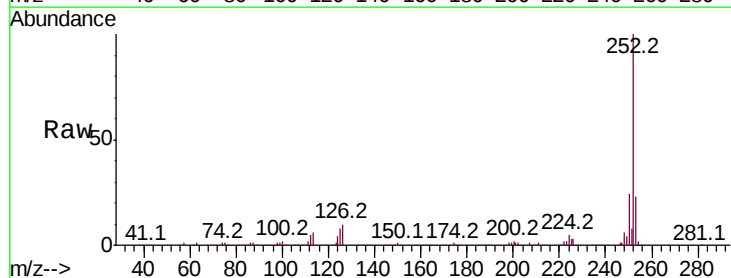
Tgt Ion:252 Resp: 697080

Ion Ratio Lower Upper

252 100

253 23.5 17.8 26.8

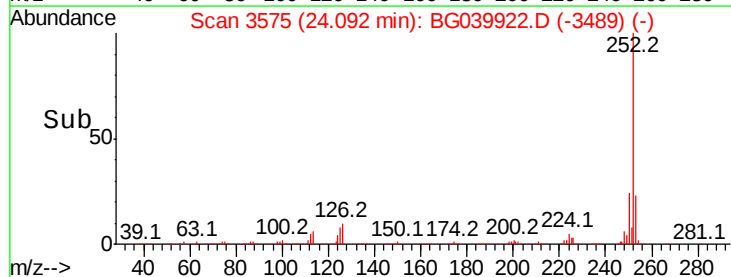
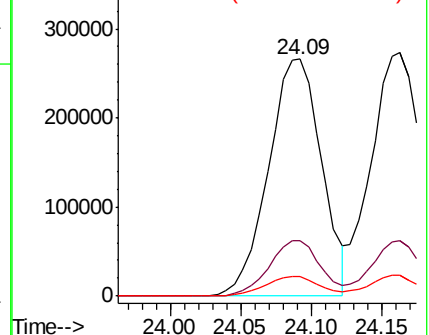
125 8.2 7.8 11.6

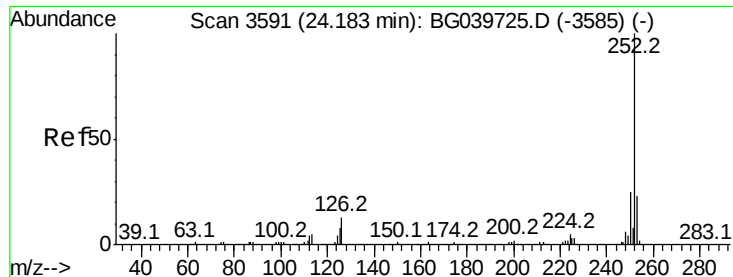


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.725 ng

RT: 24.16 min Scan# 3587

Delta R.T. -0.03 min

Lab File: BG039922.D

Acq: 14 Mar 2019 4:01

Instrument :

BNA_G

ClientSampleId :

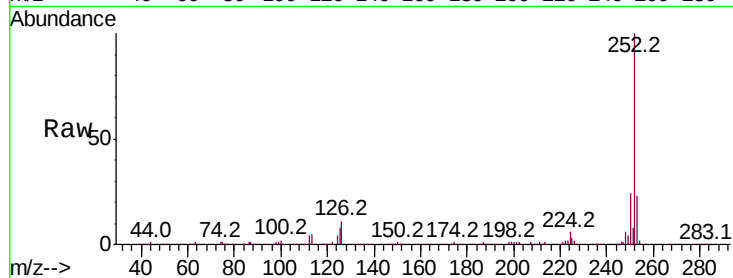
Tot Ion:252 Resp: 688041

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.2

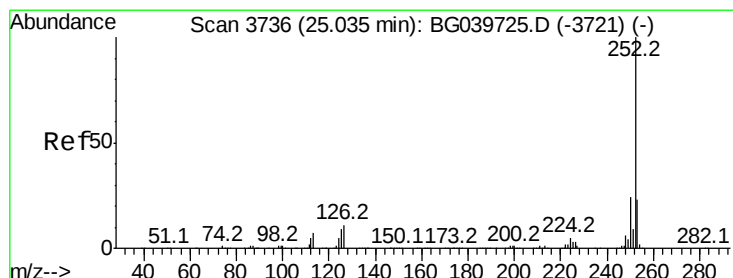
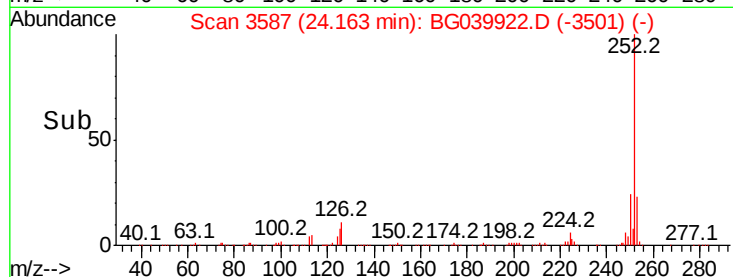
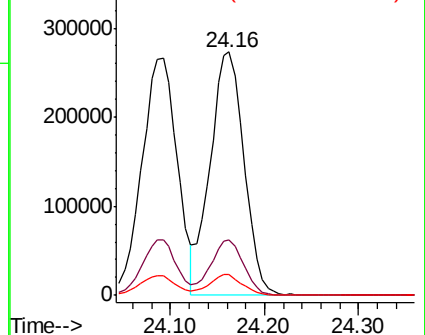
125 8.5 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 41.609 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.03 min

Lab File: BG039922.D

Acq: 14 Mar 2019 4:01

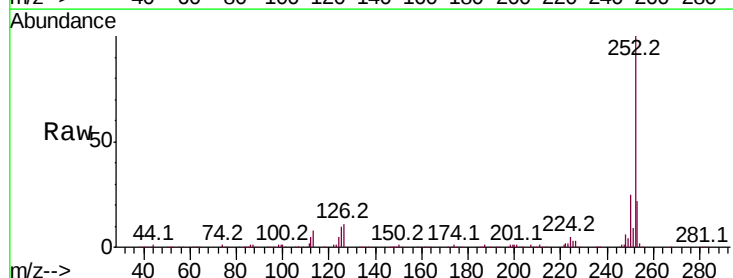
Tgt Ion:252 Resp: 681113

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

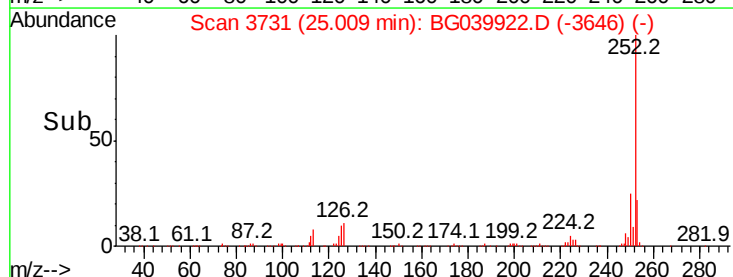
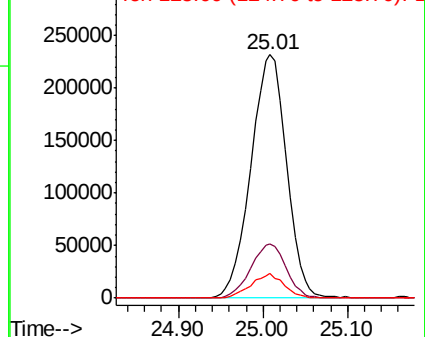
125 10.0 8.3 12.5

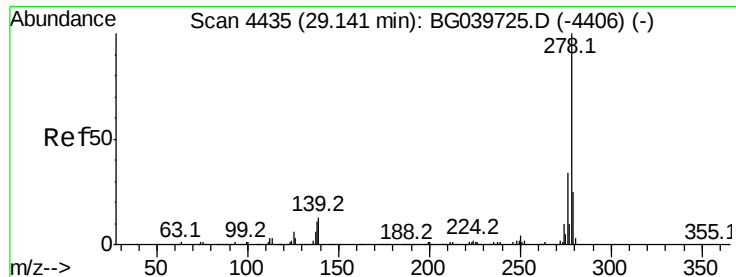


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

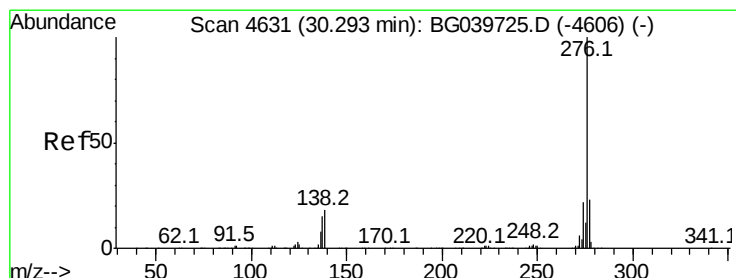
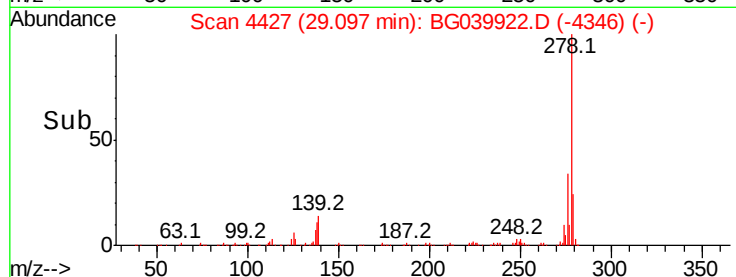
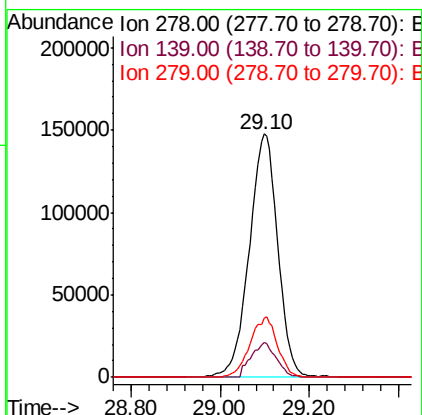
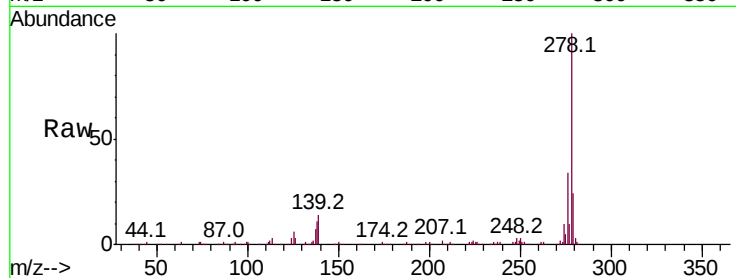




#91
Dibenzo(a,h)anthracene
Concen: 40.355 ng
RT: 29.10 min Scan# 4427
Delta R.T. -0.06 min
Lab File: BG039922.D
Acq: 14 Mar 2019 4:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.1	11.7	17.5
279	24.2	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 40.853 ng
RT: 30.25 min Scan# 4624
Delta R.T. -0.06 min
Lab File: BG039922.D
Acq: 14 Mar 2019 4:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.6	29.4
138	15.6	14.7	22.1

