

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031119\
 Data File : BG039840.D
 Acq On : 11 Mar 2019 13:56
 Operator : JU/SJ
 Sample : PB117780BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117780BS

Quant Time: Mar 12 03:34:38 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	40224	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	174843	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	121854	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	309135	20.00	ng	0.00
76) Chrysene-d12	21.82	240	325136	20.00	ng	-0.01
87) Perylene-d12	25.18	264	296579	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	340281	144.32	ng	-0.01
7) Phenol-d6	7.30	99	474062	134.85	ng	-0.01
23) Nitrobenzene-d5	9.33	82	248041	76.73	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	195619	137.73	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	618524	72.27	ng	-0.01
79) Terphenyl-d14	20.12	244	1091177	73.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	39871	36.628	ng	99
3) Pyridine	3.99	79	98156	33.682	ng	94
4) n-Nitrosodimethylamine	3.91	42	54287	39.268	ng	89
6) Aniline	7.48	93	131284	28.503	ng	98
8) 2-Chlorophenol	7.71	128	117798	41.182	ng	97
9) Benzaldehyde	7.30	77	63404	27.959	ng	95
10) Phenol	7.33	94	160016	42.015	ng	97
11) bis(2-Chloroethyl)ether	7.57	93	110049	37.061	ng	99
12) 1,3-Dichlorobenzene	8.04	146	121722	37.626	ng	98
13) 1,4-Dichlorobenzene	8.19	146	123462	37.467	ng	98
14) 1,2-Dichlorobenzene	8.51	146	117675	36.961	ng	99
15) Benzyl Alcohol	8.39	79	110531	39.635	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	216226	36.409	ng	99
17) 2-Methylphenol	8.59	107	104742	43.131	ng	97
18) Hexachloroethane	9.24	117	43096	36.449	ng	97
19) n-Nitroso-di-n-propylamine	8.95	70	89256	35.273	ng	94
20) 3+4-Methylphenols	8.92	107	140854	41.751	ng	94
22) Acetophenone	8.98	105	172118	36.678	ng	# 95
24) Nitrobenzene	9.38	77	134805	39.749	ng	97
25) Isophorone	9.89	82	252683	37.303	ng	97
26) 2-Nitrophenol	10.09	139	64412	39.337	ng	98
27) 2,4-Dimethylphenol	10.13	122	124503	48.888	ng	93
28) bis(2-Chloroethoxy)methane	10.37	93	154274	37.478	ng	99
29) 2,4-Dichlorophenol	10.61	162	128200	44.711	ng	96
30) 1,2,4-Trichlorobenzene	10.83	180	126390	39.173	ng	98
31) Naphthalene	11.03	128	359667	38.853	ng	99
32) Benzoic acid	10.26	122	64069	38.202	ng	99
33) 4-Chloroaniline	11.14	127	92056	23.451	ng	99
34) Hexachlorobutadiene	11.29	225	80318	36.429	ng	94
35) Caprolactam	11.91	113	30404	27.759	ng	92
36) 4-Chloro-3-methylphenol	12.24	107	139591	42.470	ng	96
37) 2-Methylnaphthalene	12.62	142	274451	39.655	ng	98
38) 1-Methylnaphthalene	12.84	142	266031	39.554	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	153913	37.284	ng	99

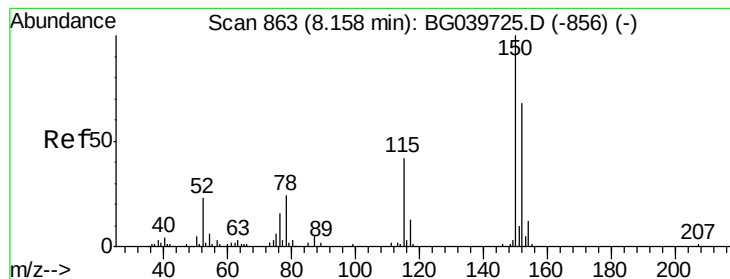
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031119\
 Data File : BG039840.D
 Acq On : 11 Mar 2019 13:56
 Operator : JU/SJ
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 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	177257	80.124	ng	99
43) 2,4,6-Trichlorophenol	13.22	196	107414	44.444	ng	95
44) 2,4,5-Trichlorophenol	13.29	196	116451	42.747	ng	97
46) 1,1'-Biphenyl	13.62	154	380766	37.992	ng	98
47) 2-Chloronaphthalene	13.66	162	296298	39.298	ng	99
48) 2-Nitroaniline	13.88	65	102341	42.237	ng	93
49) Acenaphthylene	14.51	152	473643	38.267	ng	99
50) Dimethylphthalate	14.23	163	401004	39.355	ng	100
51) 2,6-Dinitrotoluene	14.36	165	90582	41.934	ng	97
52) Acenaphthene	14.84	154	289056	38.802	ng	98
53) 3-Nitroaniline	14.69	138	64450	29.682	ng	# 95
54) 2,4-Dinitrophenol	14.90	184	90789	67.525	ng	98
55) Dibenzofuran	15.18	168	481445	39.390	ng	98
56) 4-Nitrophenol	14.99	139	161049	82.912	ng	87
57) 2,4-Dinitrotoluene	15.14	165	128311	42.275	ng	# 86
58) Fluorene	15.83	166	383137	39.875	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.40	232	119870	45.055	ng	96
60) Diethylphthalate	15.58	149	409882	40.636	ng	98
61) 4-Chlorophenyl-phenylether	15.81	204	203172	39.625	ng	98
62) 4-Nitroaniline	15.86	138	98841	41.989	ng	91
63) Azobenzene	16.10	77	371076	40.584	ng	98
65) 4,6-Dinitro-2-methylphenol	15.90	198	70570	38.609	ng	96
66) n-Nitrosodiphenylamine	16.03	169	359063	40.121	ng	98
67) 4-Bromophenyl-phenylether	16.71	248	134975	39.007	ng	94
68) Hexachlorobenzene	16.82	284	140769	39.247	ng	97
69) Atrazine	16.97	200	145544	41.322	ng	97
70) Pentachlorophenol	17.16	266	175254	77.367	ng	99
71) Phenanthrene	17.57	178	671250	39.421	ng	99
72) Anthracene	17.66	178	674046	40.622	ng	100
73) Carbazole	17.93	167	598750	40.026	ng	98
74) Di-n-butylphthalate	18.46	149	729721	41.461	ng	100
75) Fluoranthene	19.57	202	816377	40.568	ng	99
77) Benzidine	19.75	184	278782	27.020	ng	99
78) Pyrene	19.93	202	801129	37.919	ng	99
80) Butylbenzylphthalate	20.80	149	341669	41.741	ng	96
81) Benzo(a)anthracene	21.79	228	774494	38.008	ng	99
82) 3,3'-Dichlorobenzidine	21.71	252	204911	27.543	ng	99
83) Chrysene	21.86	228	745224	37.723	ng	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	471949	41.031	ng	99
85) Di-n-octyl phthalate	22.92	149	805011	42.268	ng	96
86) Indeno(1,2,3-cd)pyrene	29.05	276	862773	38.497	ng	# 96
88) Benzo(b)fluoranthene	24.11	252	762870	43.135	ng	99
89) Benzo(k)fluoranthene	24.18	252	751801	45.667	ng	99
90) Benzo(a)pyrene	25.03	252	753192	46.088	ng	99
91) Dibenzo(a,h)anthracene	29.13	278	704031	43.943	ng	99
92) Benzo(g,h,i)perylene	30.29	276	720348	44.768	ng	96

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

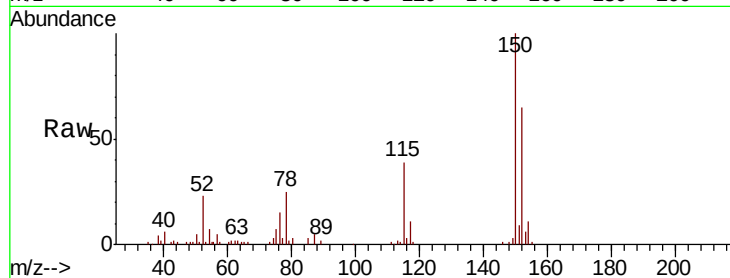


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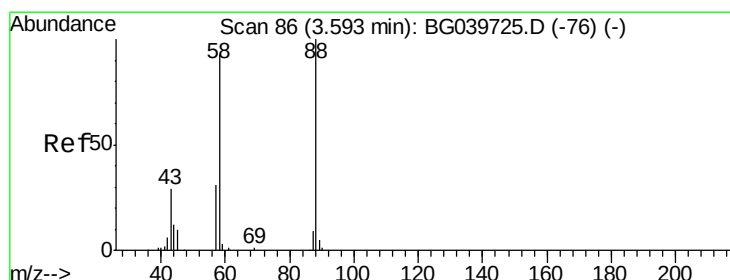
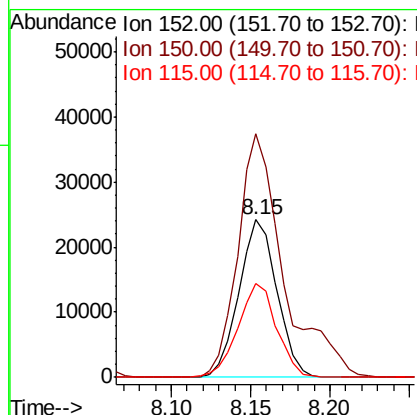
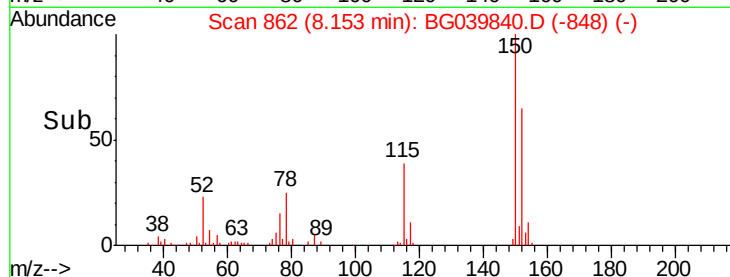
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Instrument :
BNA_G
ClientSampleId :
PB117780BS

Tgt Ion:152 Resp: 40224
Ion Ratio Lower Upper
152 100
150 154.4 123.7 185.5
115 59.7 45.9 68.9



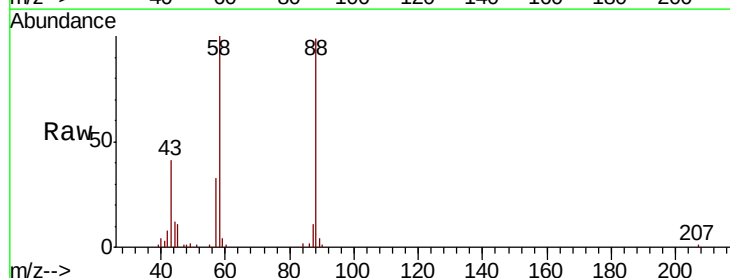
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



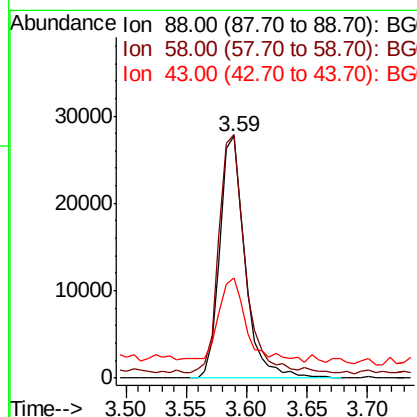
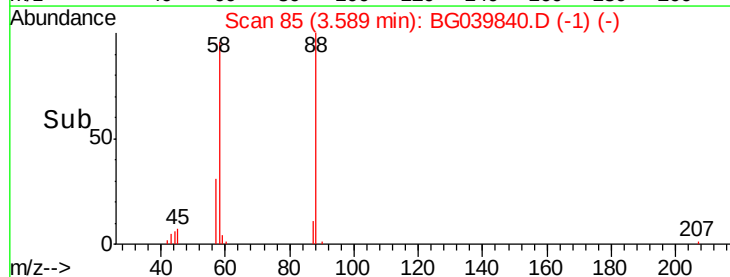
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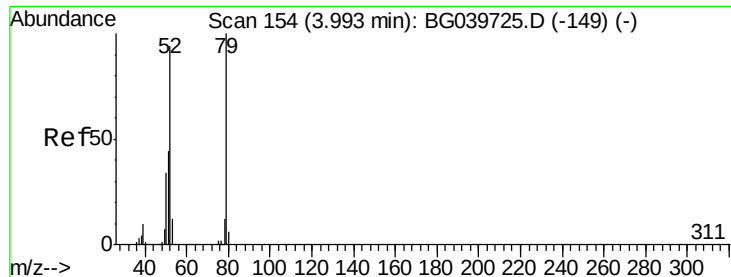
1,4-Dioxane
Concen: 36.628 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.02 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Tgt Ion: 88 Resp: 39871
Ion Ratio Lower Upper
88 100
58 101.8 81.1 121.7
43 37.8 31.4 47.0



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





#3

Pyridine

Concen: 33.682 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.02 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

Instrument :

BNA_G

ClientSampleId :

PB117780BS

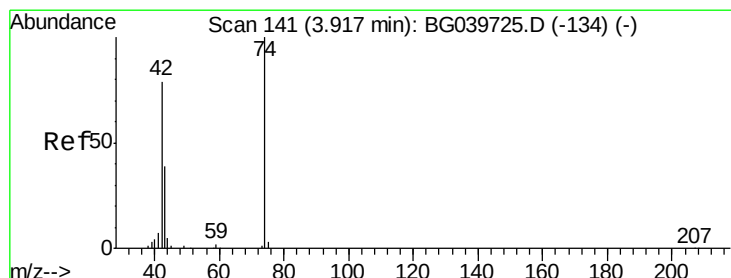
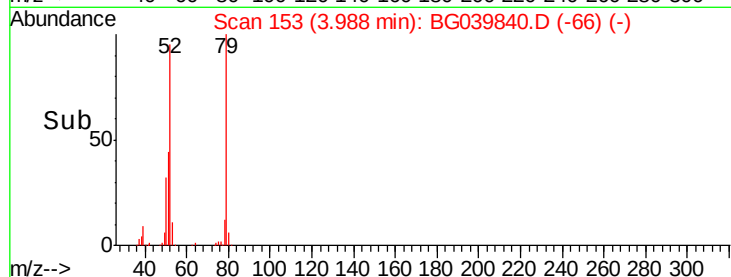
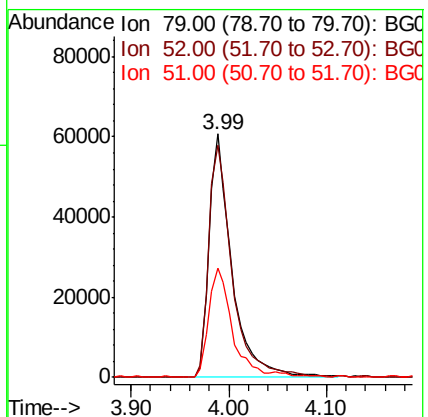
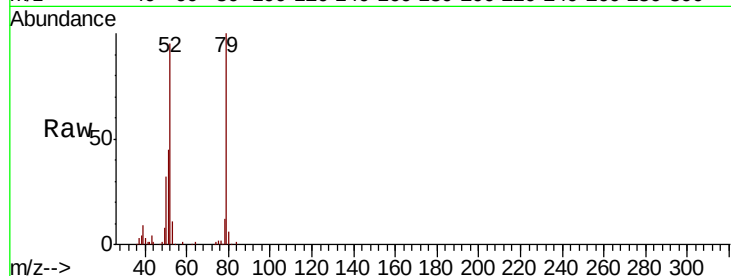
Tgt Ion: 79 Resp: 98156

Ion Ratio Lower Upper

79 100

52 95.4 82.6 124.0

51 44.8 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 39.268 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.02 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

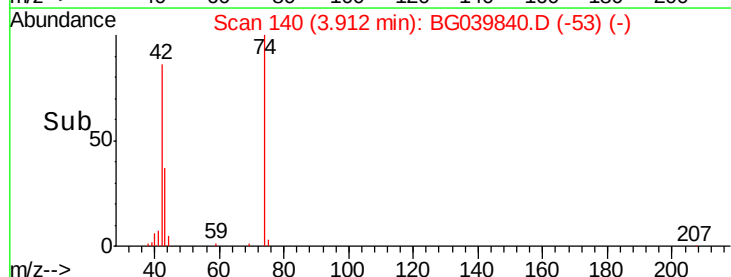
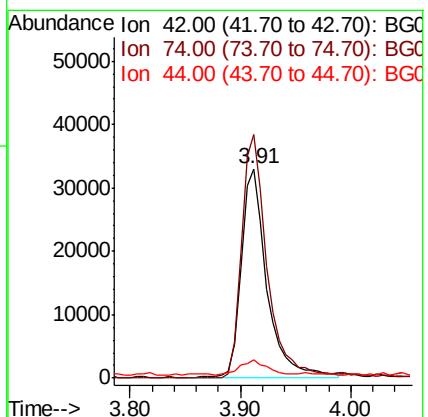
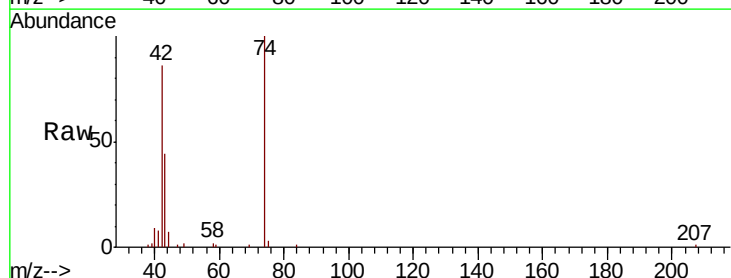
Tgt Ion: 42 Resp: 54287

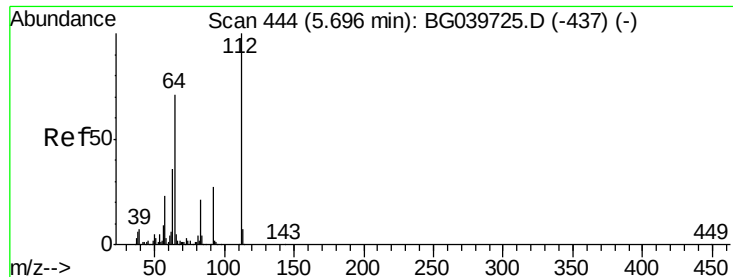
Ion Ratio Lower Upper

42 100

74 116.3 83.6 125.4

44 8.5 6.9 10.3





#5

2-Fluorophenol

Concen: 144.322 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

Instrument :

BNA_G

ClientSampleId :

PB117780BS

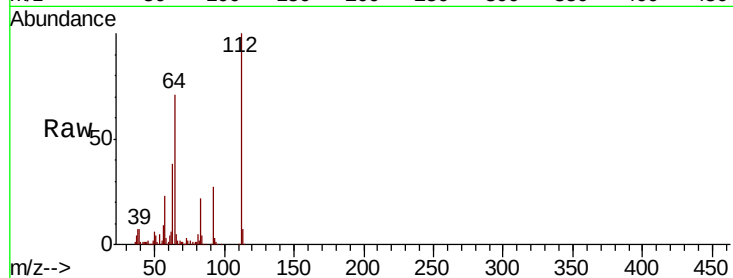
Tgt Ion: 112 Resp: 340281

Ion Ratio Lower Upper

112 100

64 70.9 57.8 86.8

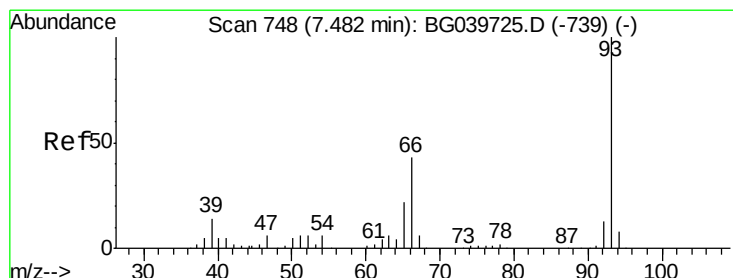
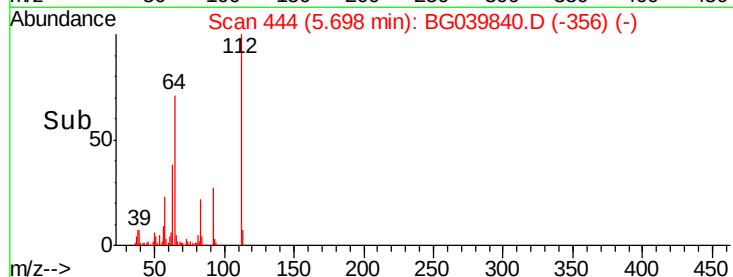
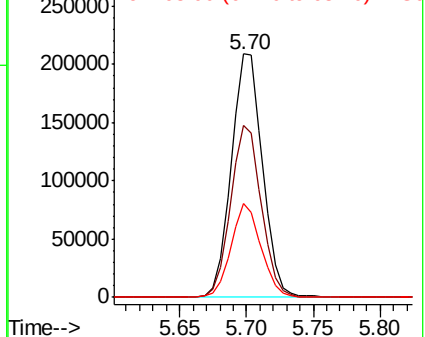
63 38.4 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 28.503 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

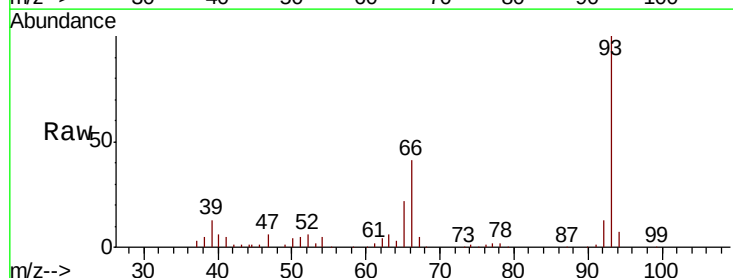
Tgt Ion: 93 Resp: 131284

Ion Ratio Lower Upper

93 100

66 41.0 34.2 51.4

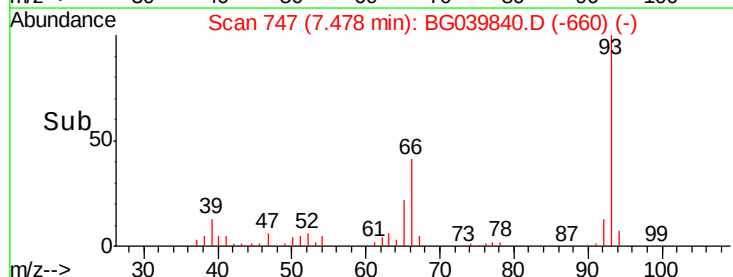
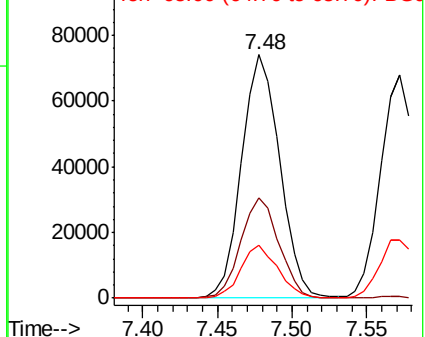
65 21.6 17.7 26.5

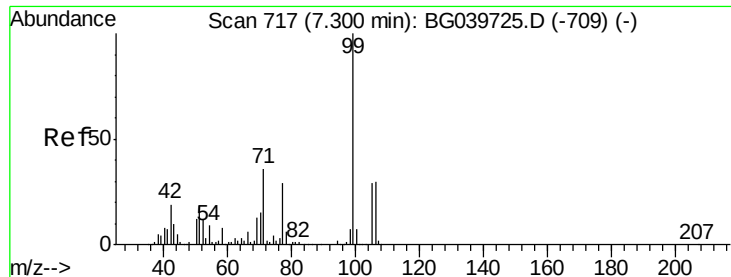


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 134.846 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

Instrument :

BNA_G

ClientSampleId :

PB117780BS

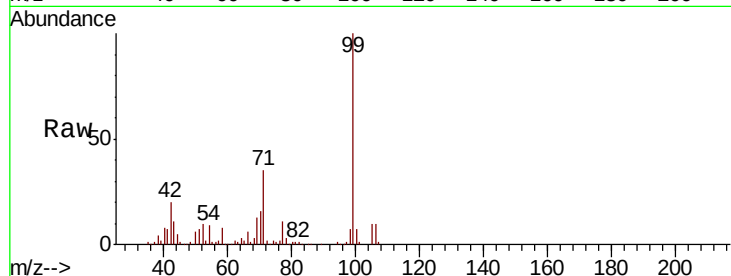
Tgt Ion: 99 Resp: 474062

Ion Ratio Lower Upper

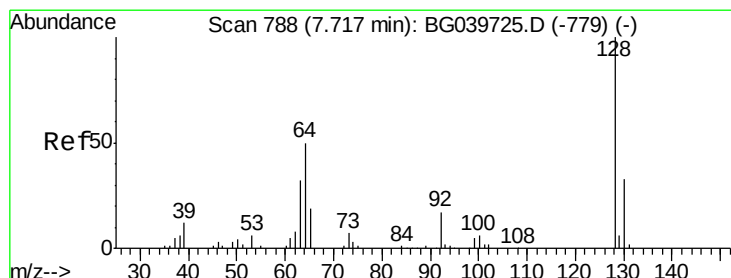
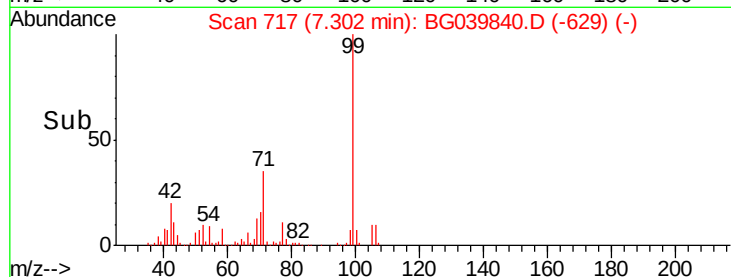
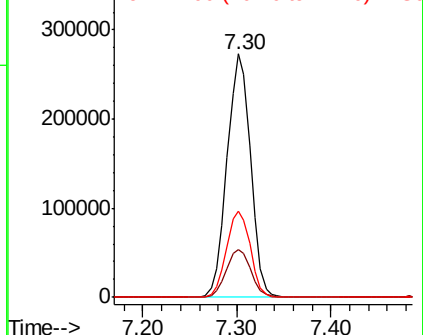
99 100

42 19.8 18.2 27.2

71 35.4 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: 41.182 ng

RT: 7.71 min Scan# 787

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

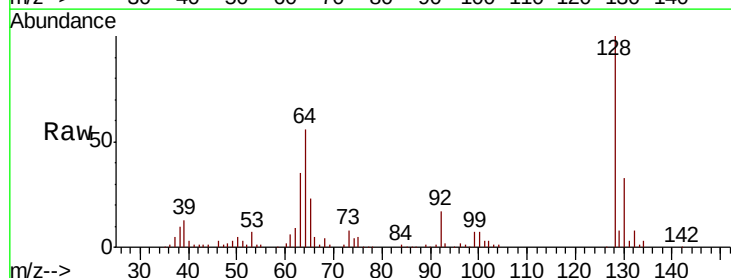
Tgt Ion: 128 Resp: 117798

Ion Ratio Lower Upper

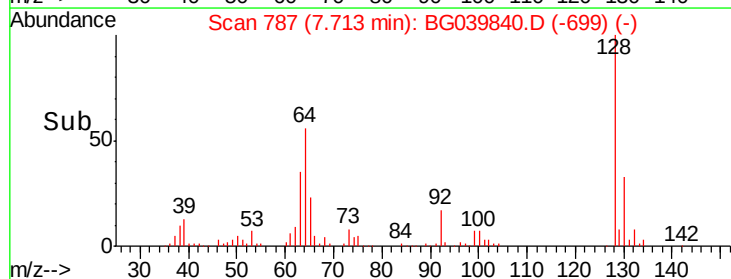
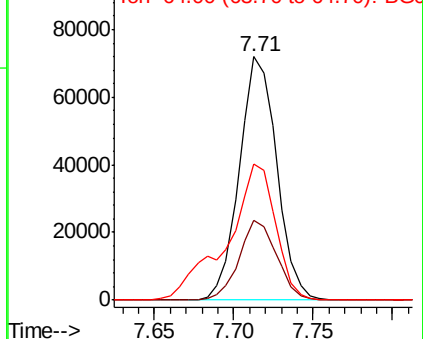
128 100

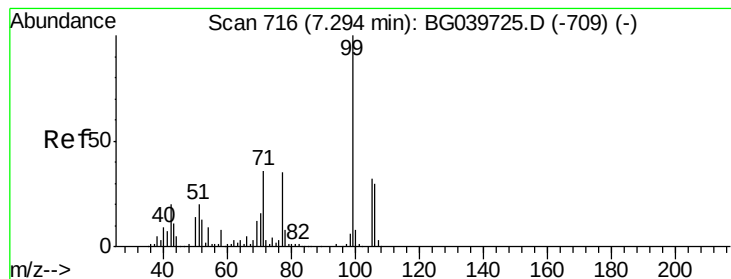
130 32.5 12.9 52.9

64 55.8 38.7 78.7



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





#9

Benzaldehyde

Concen: 27.959 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

Instrument :

BNA_G

ClientSampleId :

PB117780BS

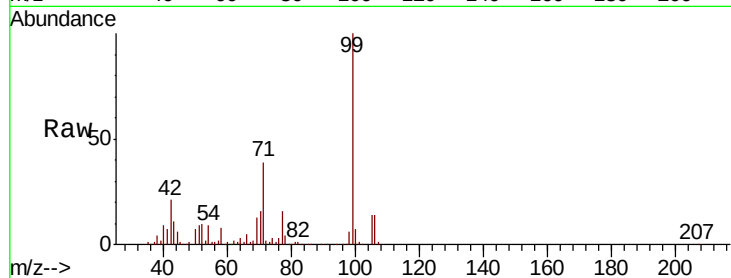
Tgt Ion: 77 Resp: 63404

Ion Ratio Lower Upper

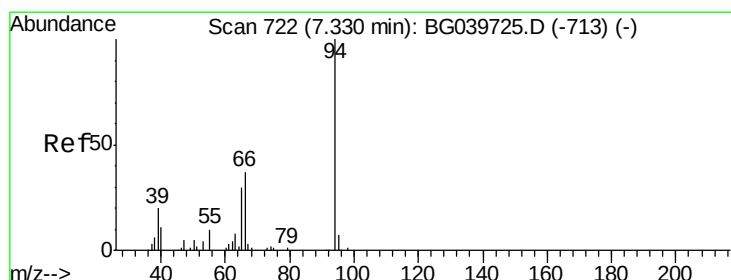
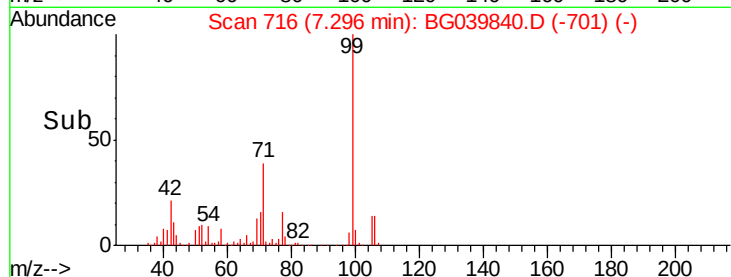
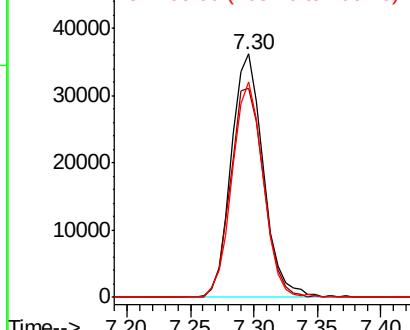
77 100

105 85.6 74.5 114.5

106 88.5 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: 42.015 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

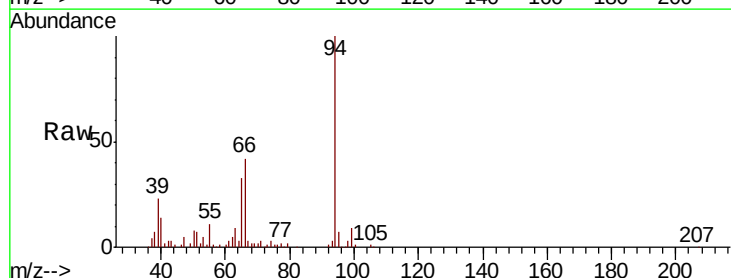
Tgt Ion: 94 Resp: 160016

Ion Ratio Lower Upper

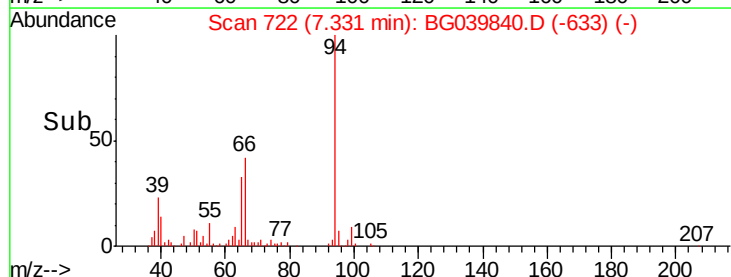
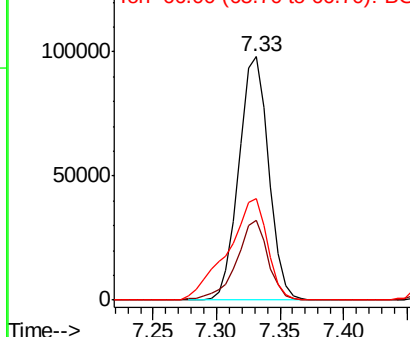
94 100

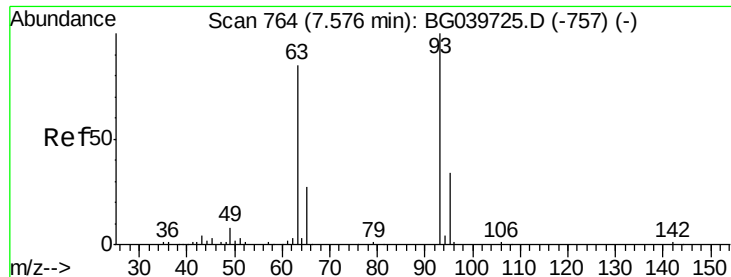
65 32.9 11.7 51.7

66 41.7 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



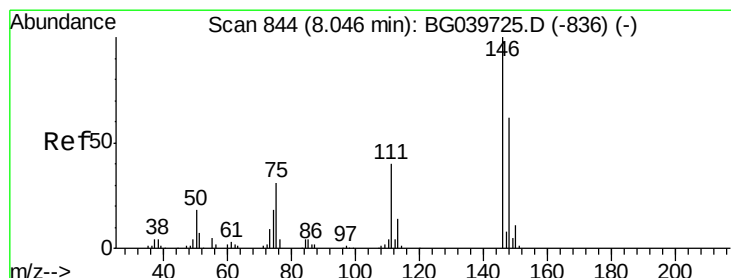
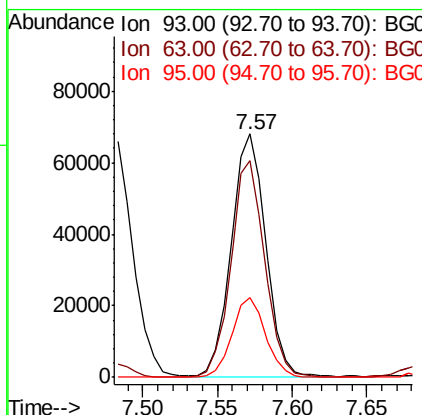
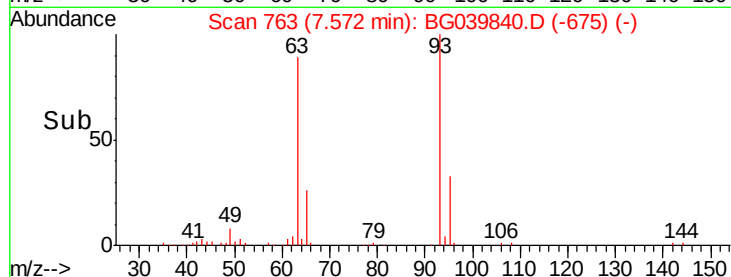
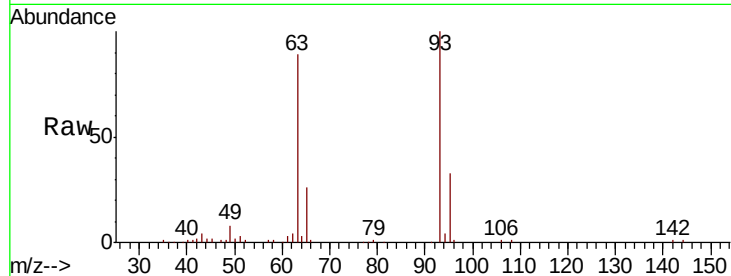


#11
bis(2-Chloroethyl)ether
Concen: 37.061 ng
RT: 7.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Instrument :
BNA_G
ClientSampleId :
PB117780BS

Tgt Ion: 93 Resp: 110049

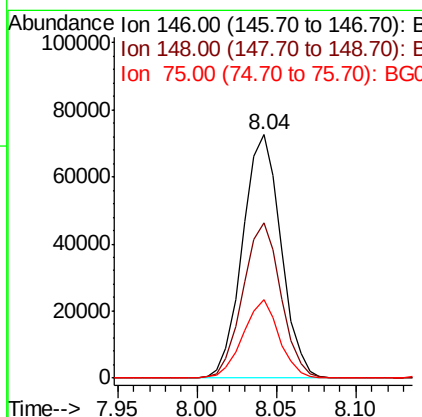
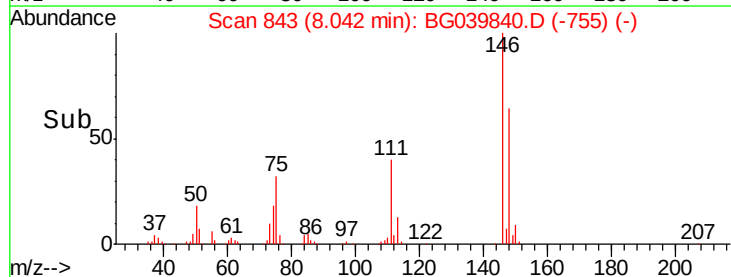
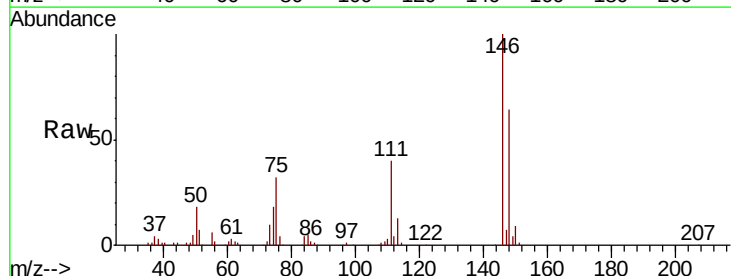
Ion	Ratio	Lower	Upper
93	100		
63	88.9	69.5	109.5
95	32.9	12.7	52.7

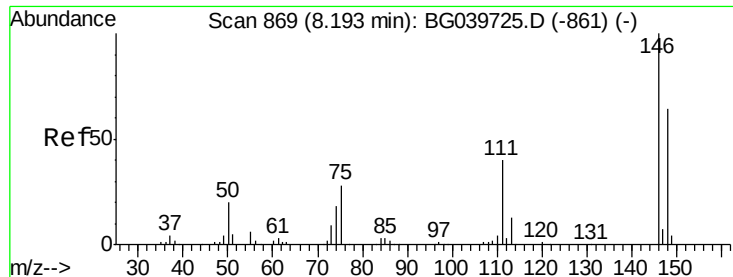


#12
1,3-Dichlorobenzene
Concen: 37.626 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Tgt Ion: 146 Resp: 121722

Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.6	79.0
75	32.4	25.8	38.6

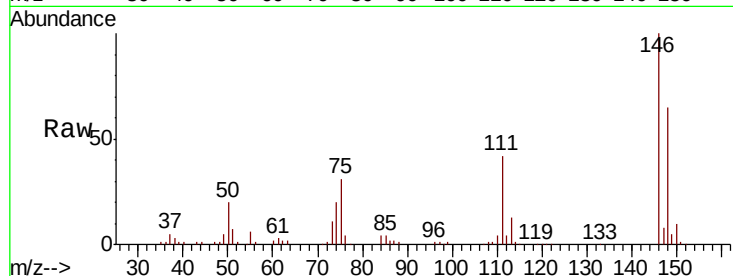




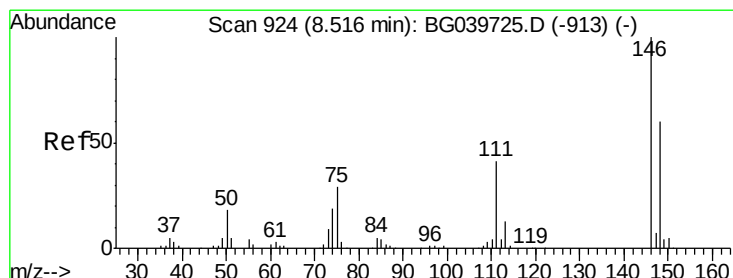
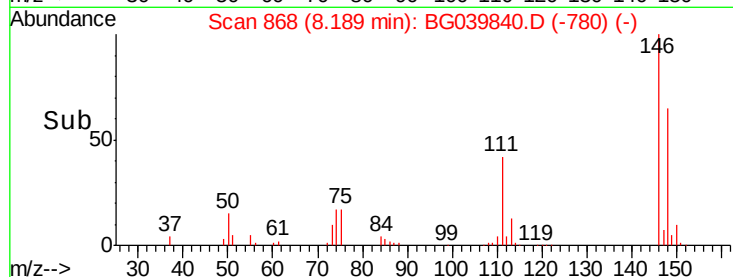
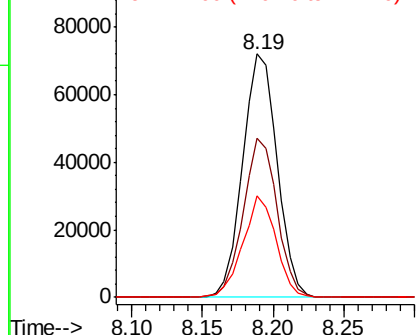
#13
 1,4-Dichlorobenzene
 Concen: 37.467 ng
 RT: 8.19 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BG039840.D
 Acq: 11 Mar 2019 13:56

Instrument :
 BNA_G
 ClientSampleId :
 PB117780BS

Tgt Ion:146 Resp: 123462
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.1 76.7
 111 41.5 32.6 48.8

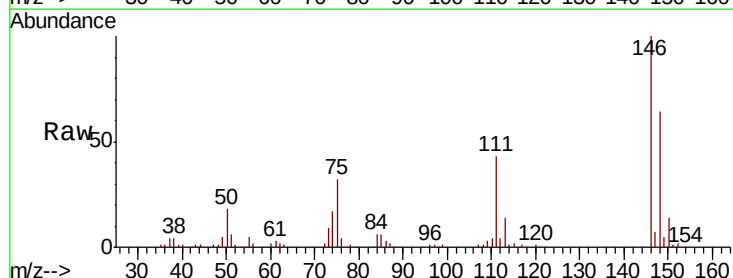


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

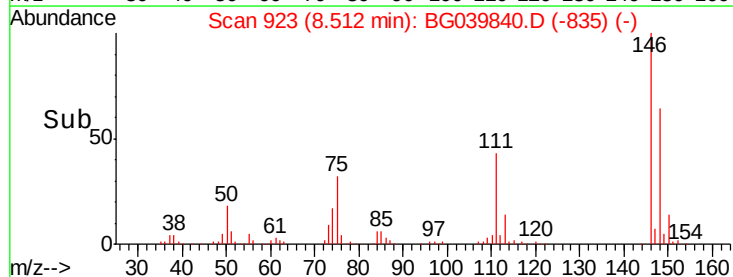
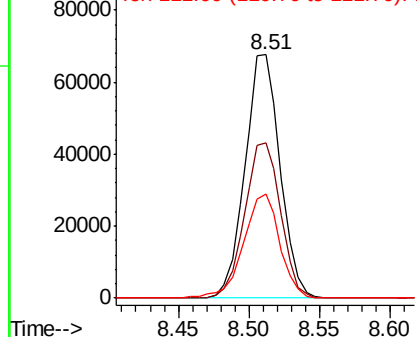


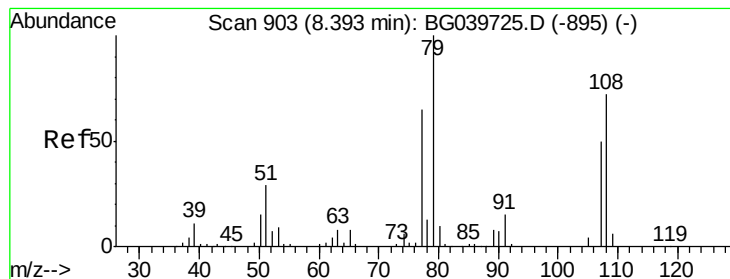
#14
 1,2-Dichlorobenzene
 Concen: 36.961 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG039840.D
 Acq: 11 Mar 2019 13:56

Tgt Ion:146 Resp: 117675
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.5 77.3
 111 42.7 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: 39.635 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

Instrument :

BNA_G

ClientSampleId :

PB117780BS

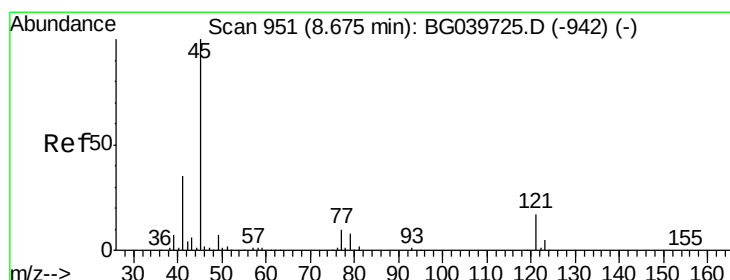
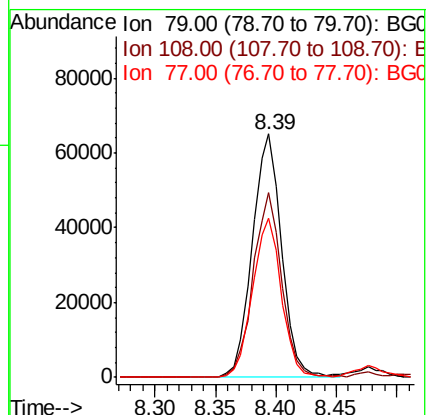
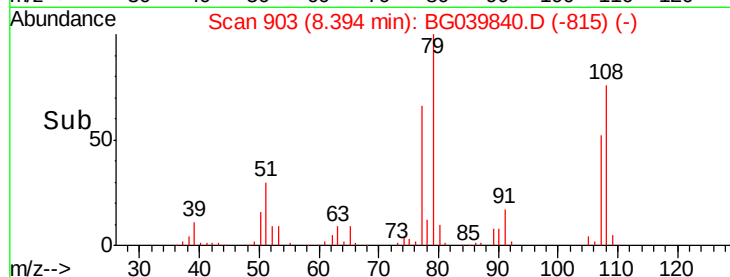
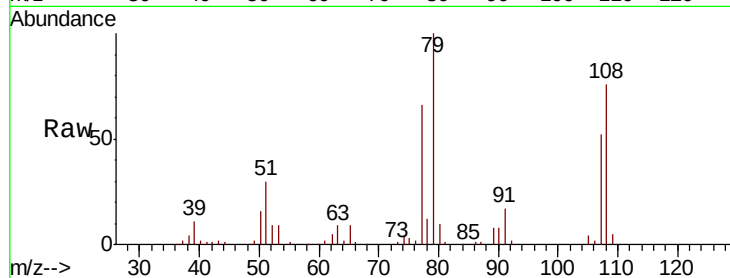
Tgt Ion: 79 Resp: 110531

Ion Ratio Lower Upper

79 100

108 76.1 57.8 86.6

77 65.6 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.409 ng

RT: 8.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

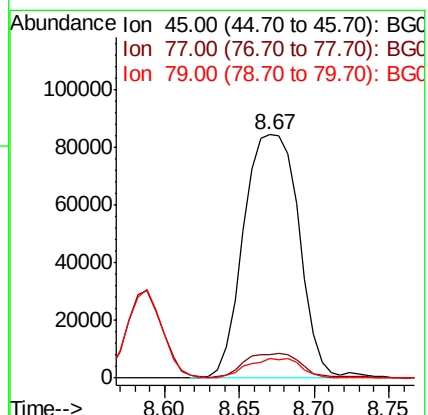
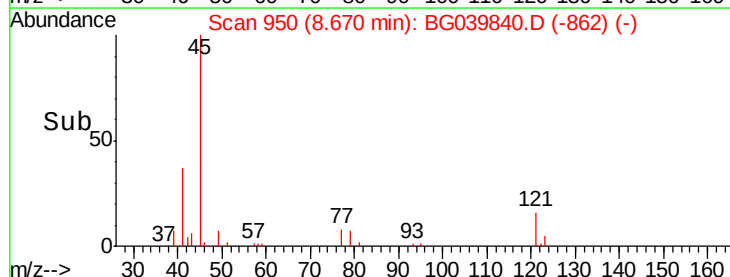
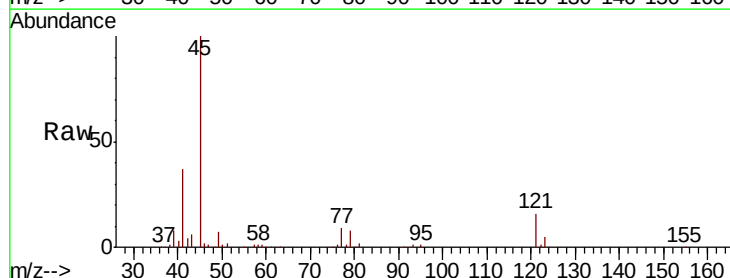
Tgt Ion: 45 Resp: 216226

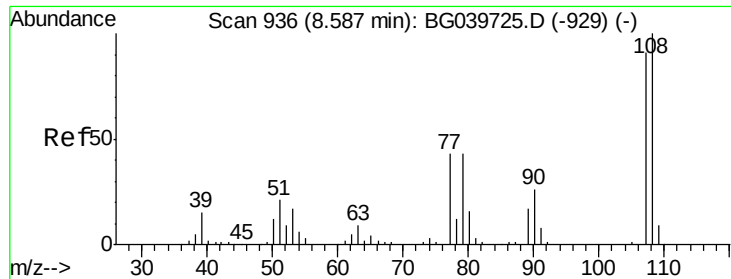
Ion Ratio Lower Upper

45 100

77 9.4 0.0 30.0

79 7.9 0.0 27.5

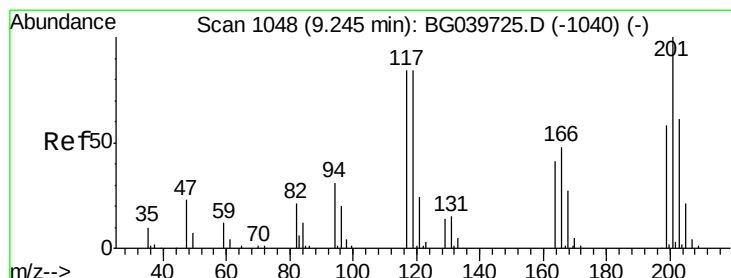
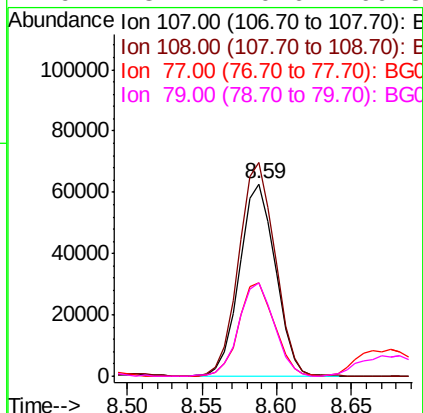
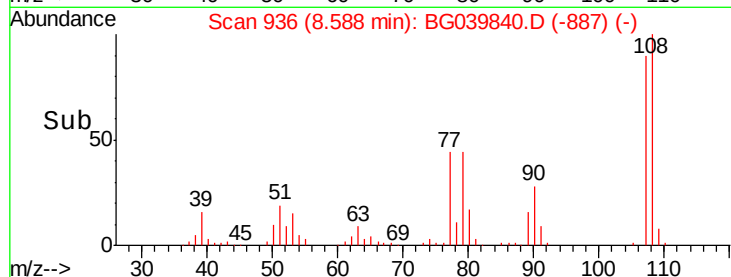
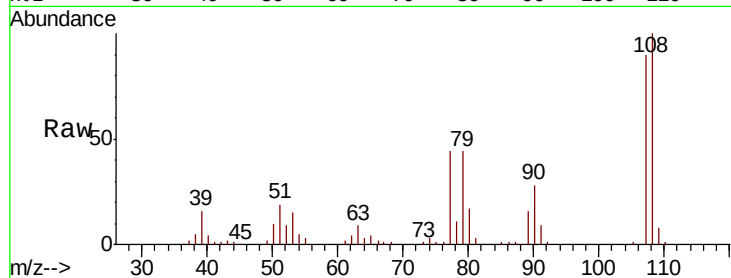




#17
2-Methylphenol
Concen: 43.131 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

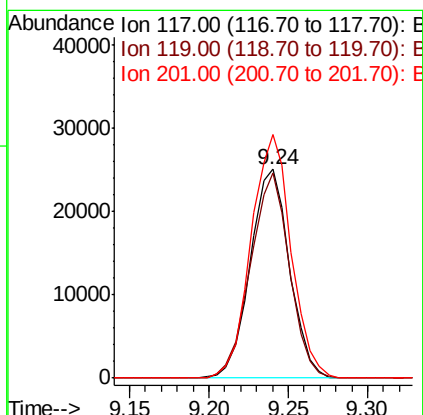
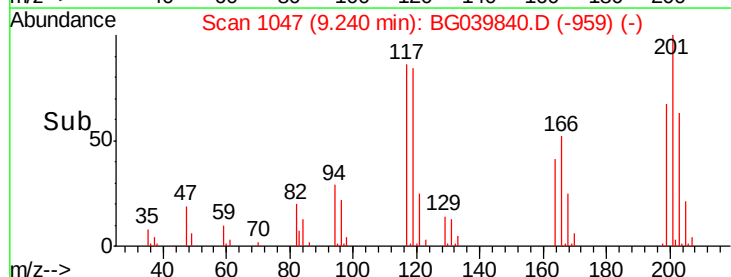
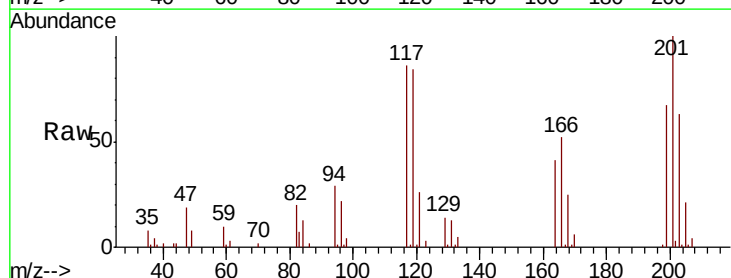
Instrument :
BNA_G
ClientSampleId :
PB117780BS

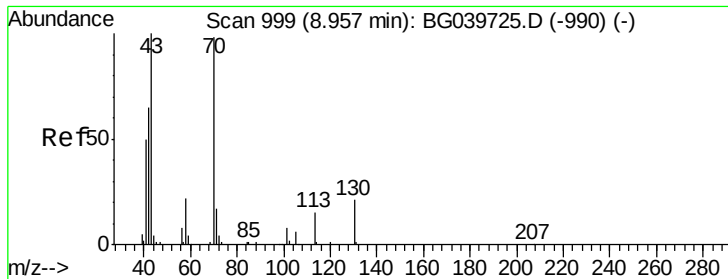
Tgt Ion:107 Resp: 104742
Ion Ratio Lower Upper
107 100
108 111.0 90.8 136.2
77 48.4 40.7 61.1
79 48.7 40.6 60.8



#18
Hexachloroethane
Concen: 36.449 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Tgt Ion:117 Resp: 43096
Ion Ratio Lower Upper
117 100
119 98.5 76.3 114.5
201 116.7 91.1 136.7

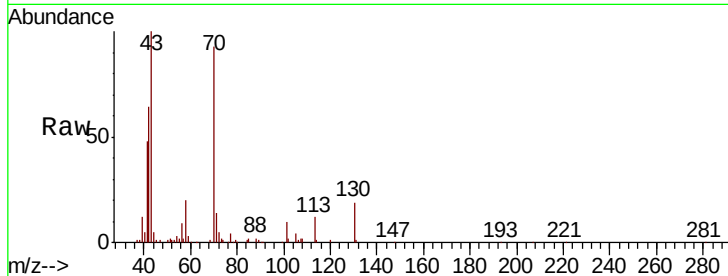




#19
n-Nitroso-di-n-propylamine
Concen: 35.273 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.02 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Instrument :
BNA_G
ClientSampleId :
PB117780BS

Tgt Ion:	70	Resp:	89256
Ion	Ratio	Lower	Upper
70	100		
42	68.5	60.4	90.6
101	10.3	7.5	11.3
130	20.8	16.9	25.3



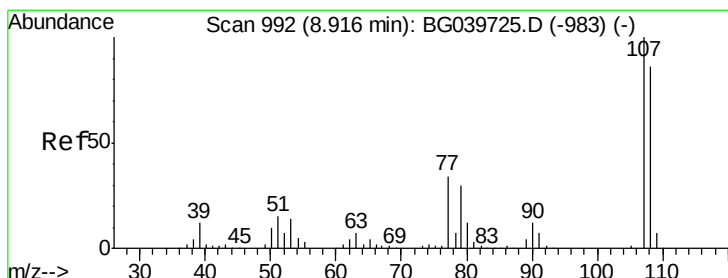
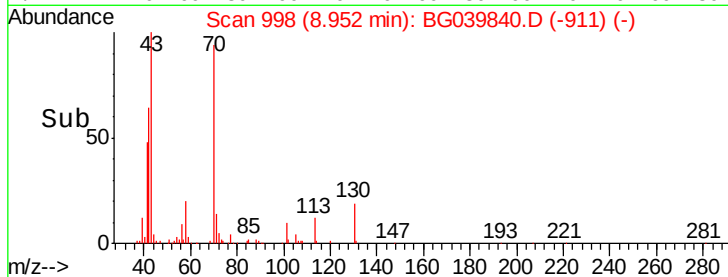
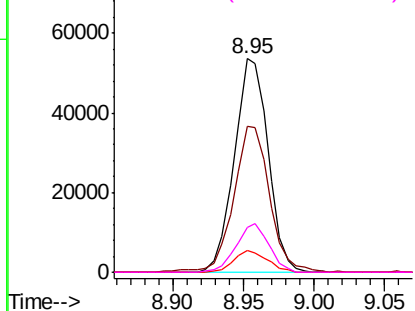
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

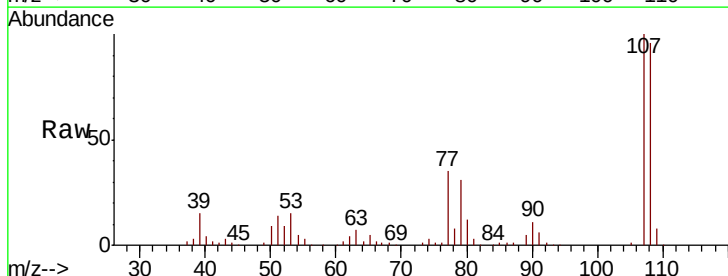
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 41.751 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Tgt Ion:	107	Resp:	140854
Ion	Ratio	Lower	Upper
107	100		
108	95.6	67.9	107.9
77	35.3	15.4	55.4
79	31.0	13.7	53.7



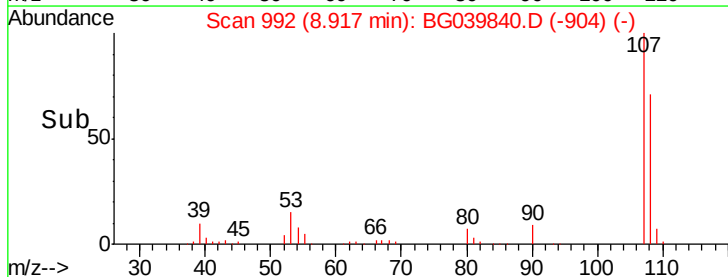
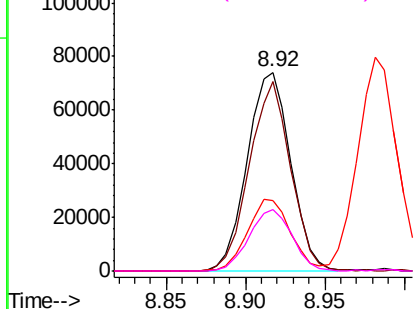
Abundance

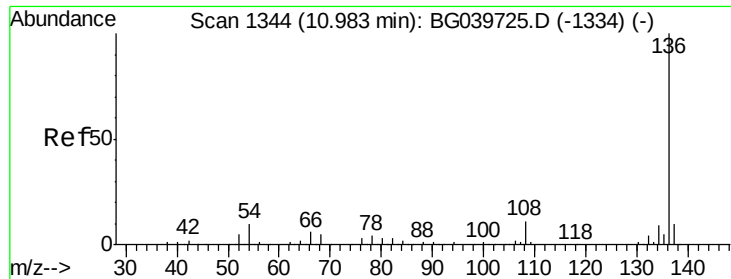
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

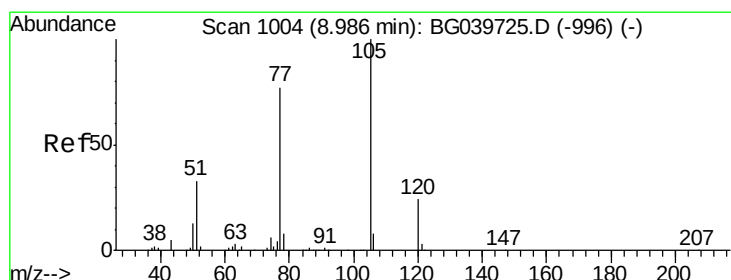
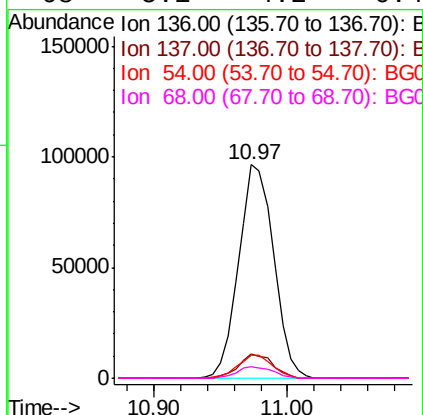
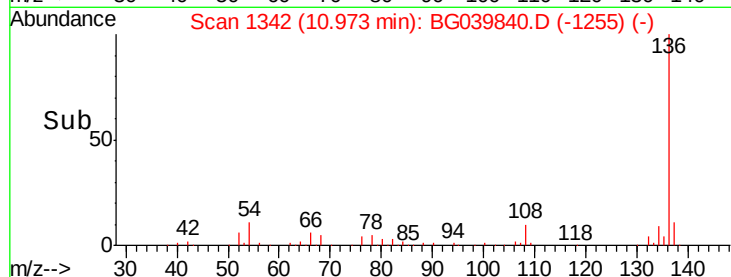
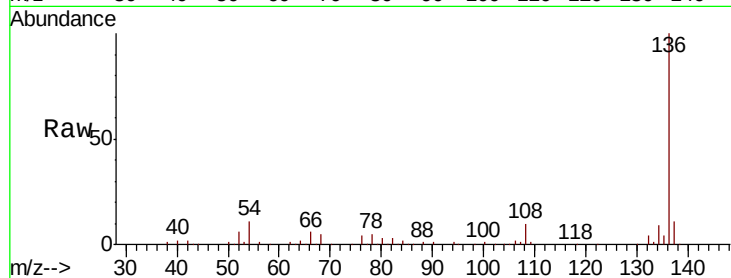




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

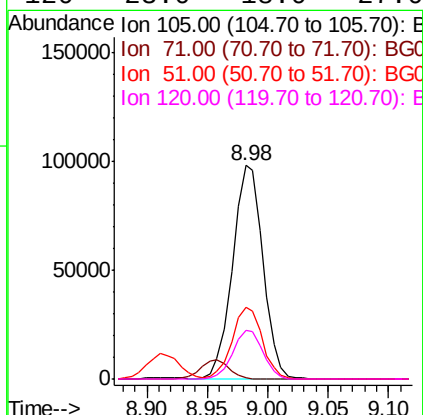
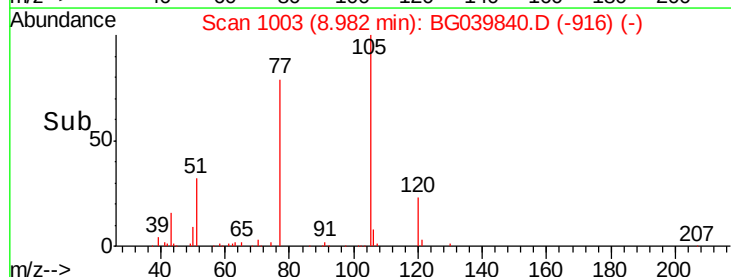
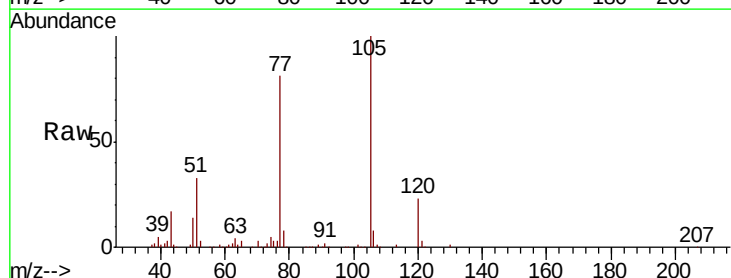
Instrument :
BNA_G
ClientSampleId :
PB117780BS

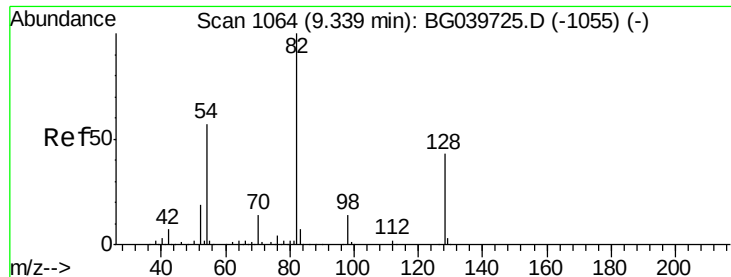
Tgt Ion:	136	Resp:	174843
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	10.8	9.4	14.2
68	5.1	4.2	6.4



#22
Acetophenone
Concen: 36.678 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Tgt Ion:	105	Resp:	172118
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.8	1.2#
51	33.5	30.2	45.2
120	23.0	18.0	27.0

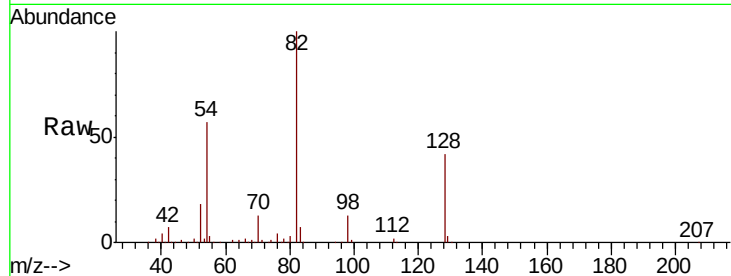




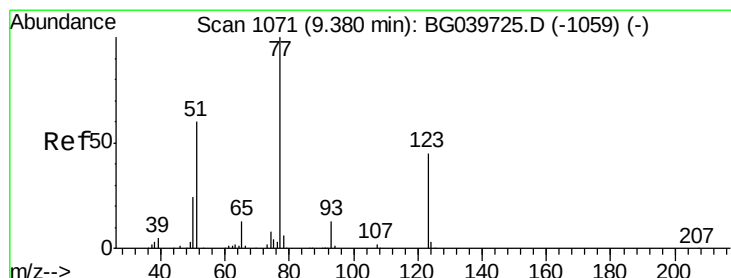
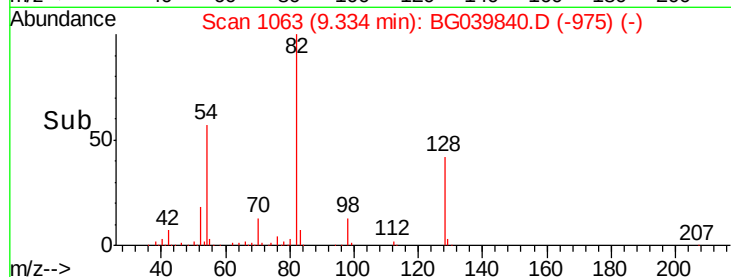
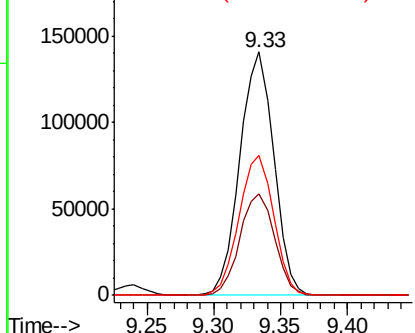
#23
 Nitrobenzene-d5
 Concen: 76.726 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039840.D
 Acq: 11 Mar 2019 13:56

Instrument :
 BNA_G
 ClientSampleId :
 PB117780BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.9	31.3	46.9
54	57.5	50.9	76.3

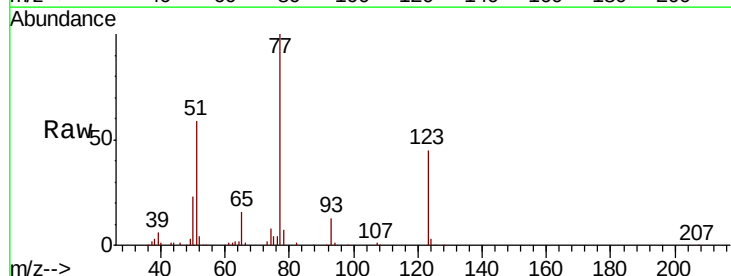


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

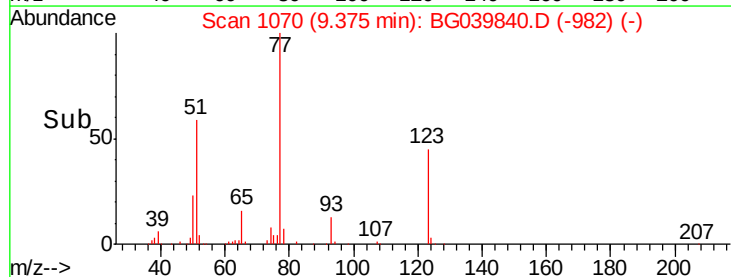
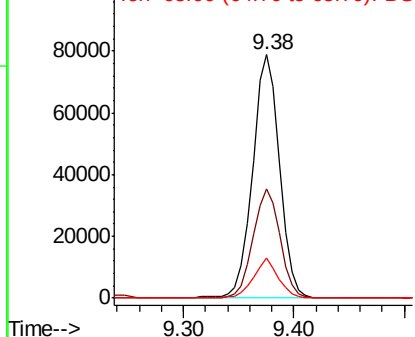


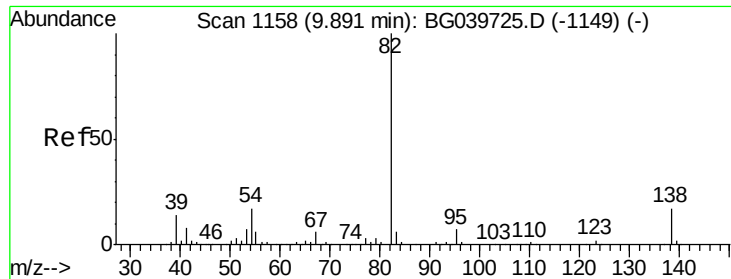
#24
 Nitrobenzene
 Concen: 39.749 ng
 RT: 9.38 min Scan# 1070
 Delta R.T. -0.01 min
 Lab File: BG039840.D
 Acq: 11 Mar 2019 13:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.7	34.1	51.1
65	16.3	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: 37.303 ng

RT: 9.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

Instrument :

BNA_G

ClientSampleId :

PB117780BS

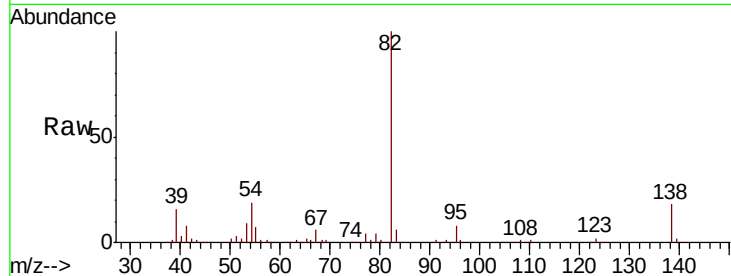
Tgt Ion: 82 Resp: 252683

Ion Ratio Lower Upper

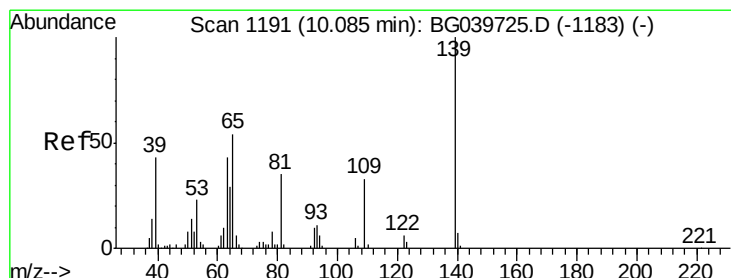
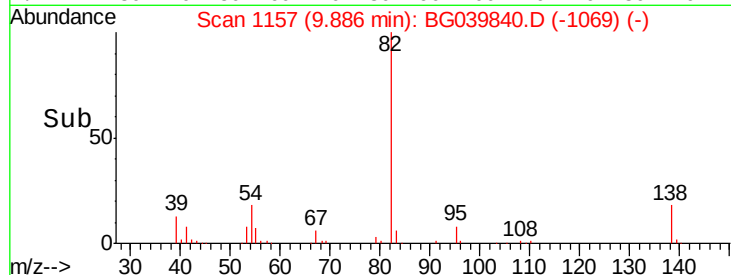
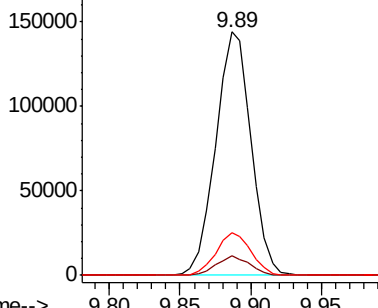
82 100

95 8.1 6.2 9.2

138 17.6 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: 39.337 ng

RT: 10.09 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

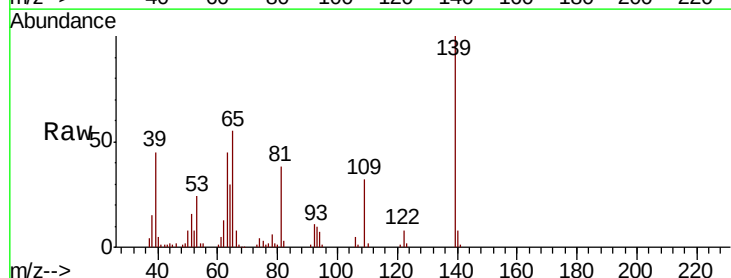
Tgt Ion: 139 Resp: 64412

Ion Ratio Lower Upper

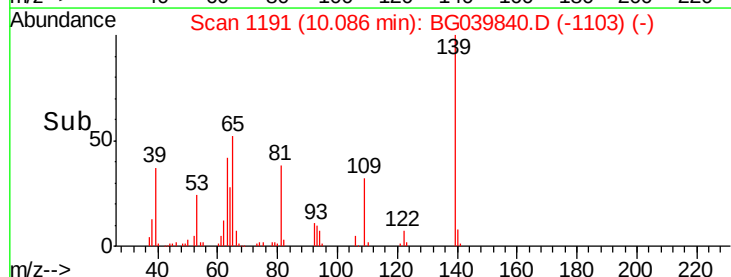
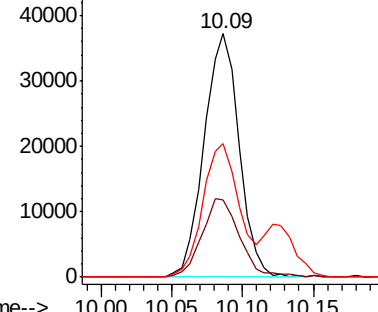
139 100

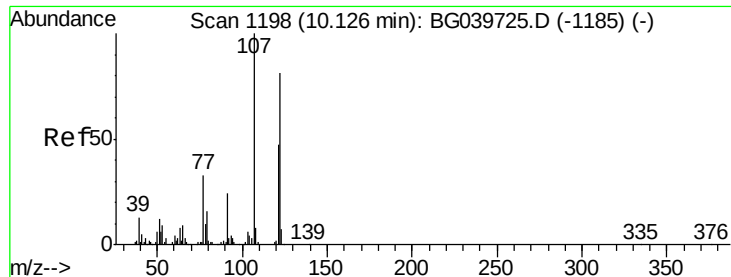
109 32.0 23.4 35.0

65 54.9 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

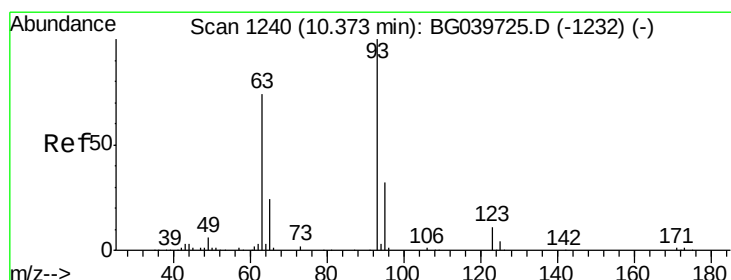
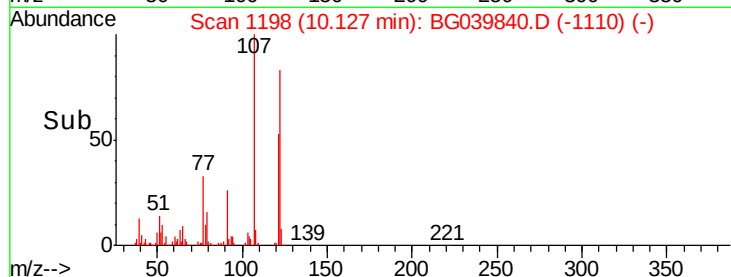
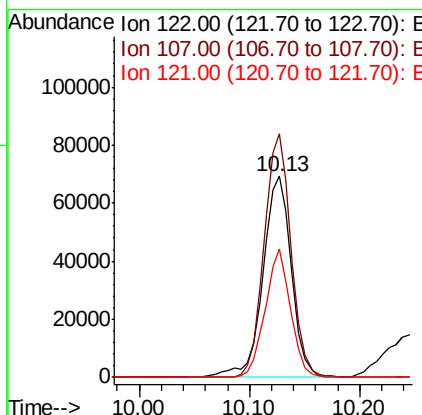
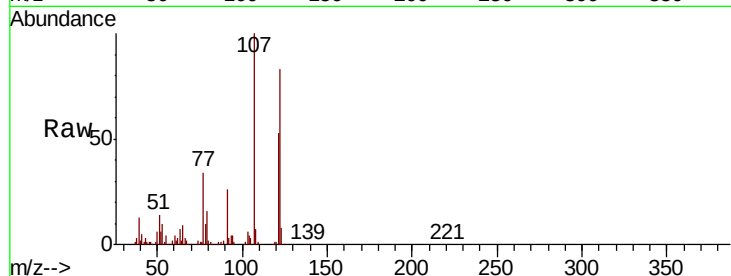




#27
 2,4-Dimethylphenol
 Concen: 48.888 ng
 RT: 10.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BG039840.D
 Acq: 11 Mar 2019 13:56

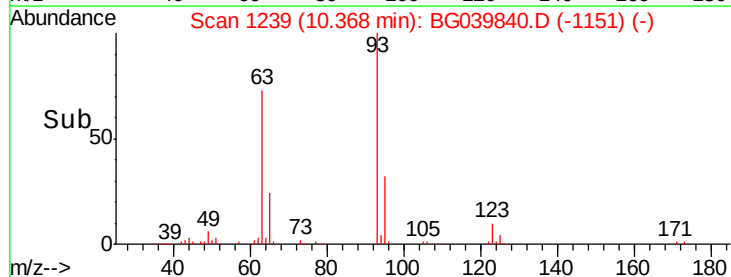
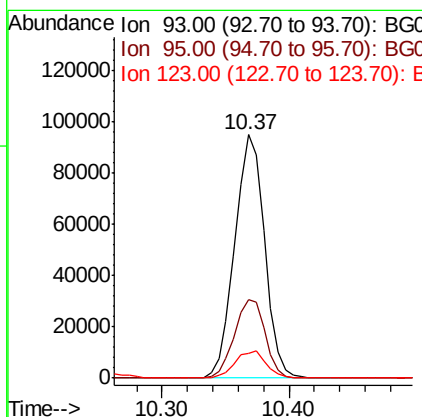
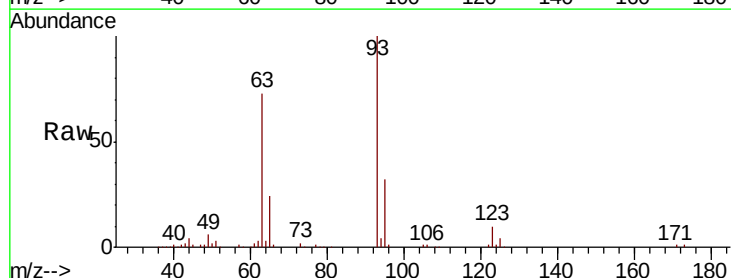
Instrument :
 BNA_G
 ClientSampleId :
 PB117780BS

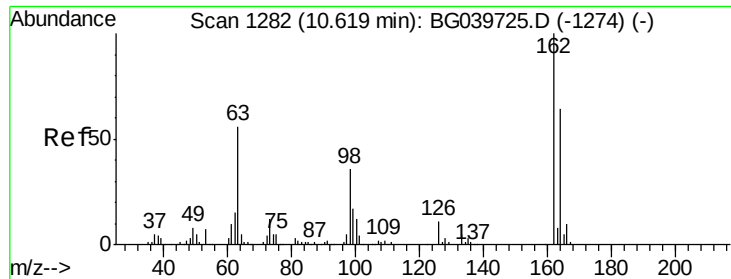
Tgt Ion	Ratio	Lower	Upper
122	100		
107	121.1	91.7	137.5
121	63.9	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.478 ng
 RT: 10.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BG039840.D
 Acq: 11 Mar 2019 13:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.0	37.4
123	10.4	8.6	12.8

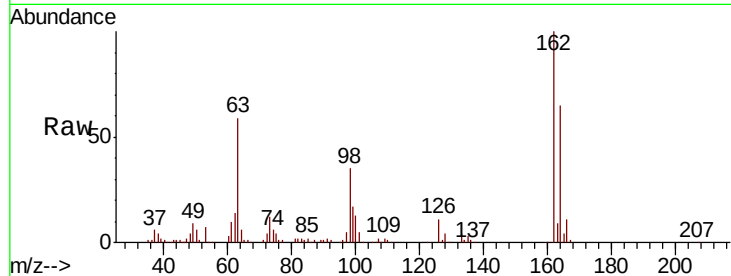




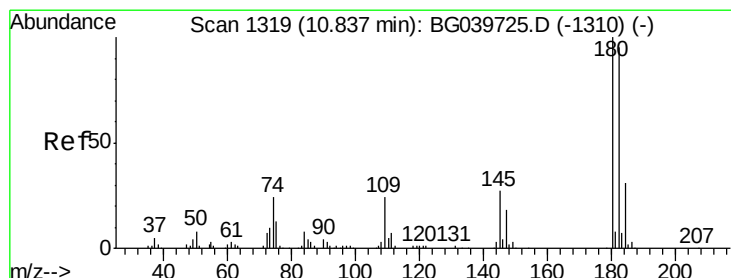
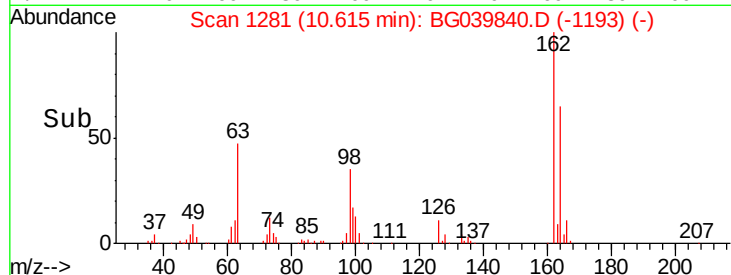
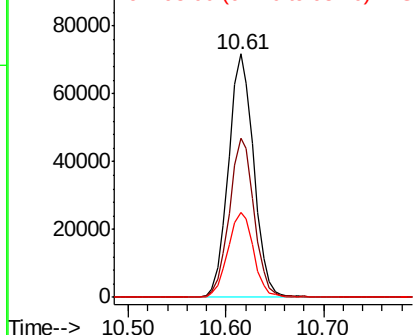
#29
2,4-Dichlorophenol
Concen: 44.711 ng
RT: 10.61 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Instrument :
BNA_G
ClientSampleId :
PB117780BS

Tgt Ion:162 Resp: 128200
Ion Ratio Lower Upper
162 100
164 65.2 48.1 88.1
98 35.0 18.1 58.1

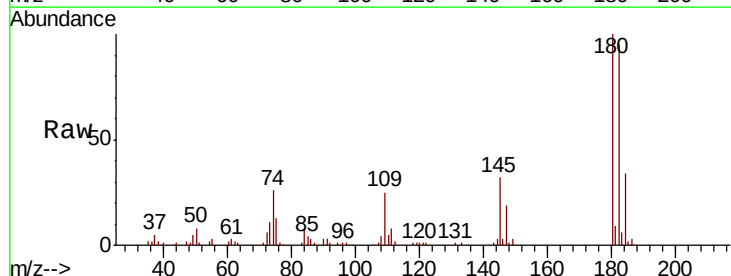


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

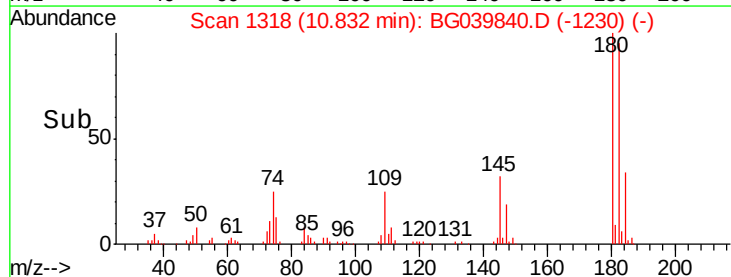
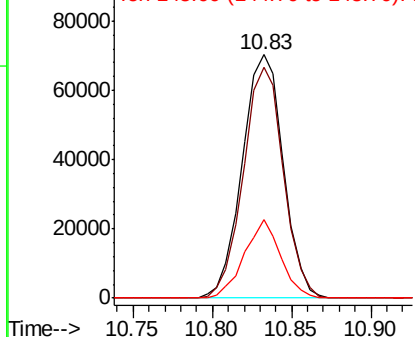


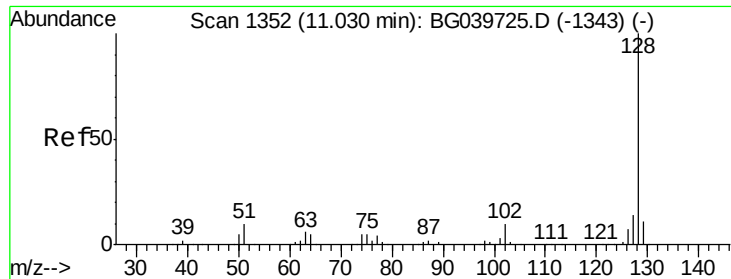
#30
1,2,4-Trichlorobenzene
Concen: 39.173 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Tgt Ion:180 Resp: 126390
Ion Ratio Lower Upper
180 100
182 94.7 76.0 114.0
145 32.1 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

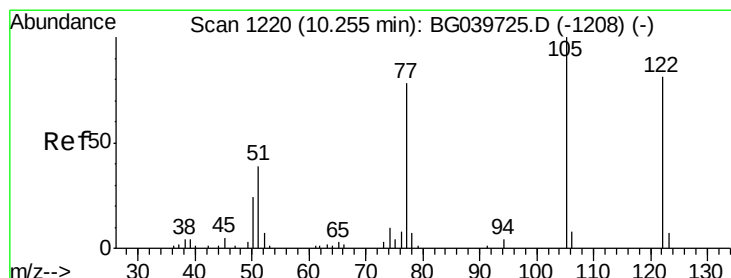
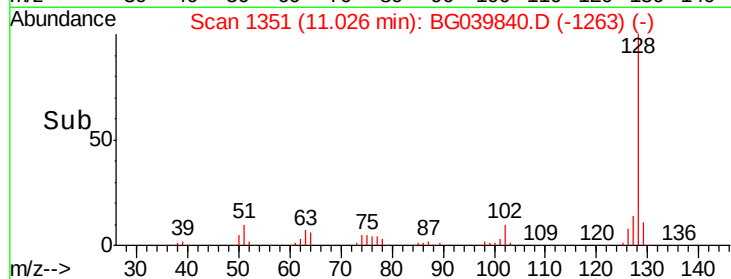
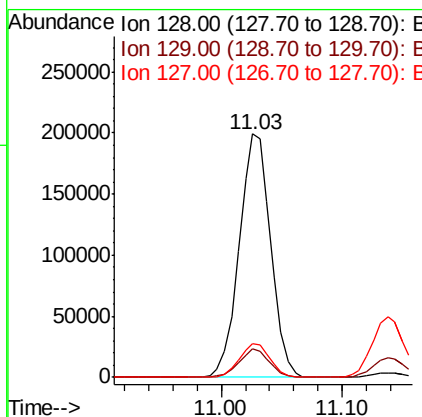
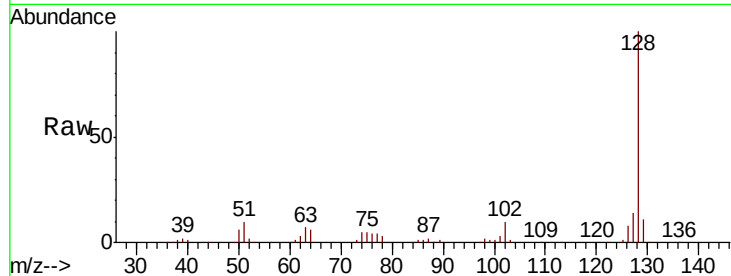




#31
Naphthalene
Concen: 38.853 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

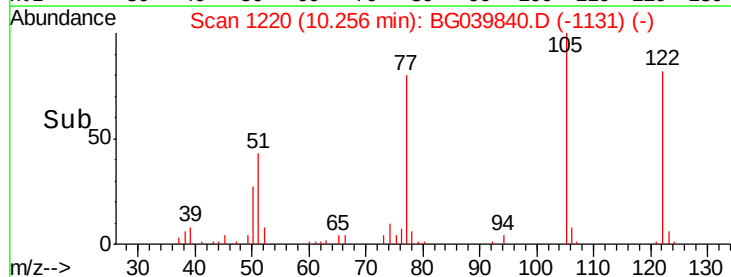
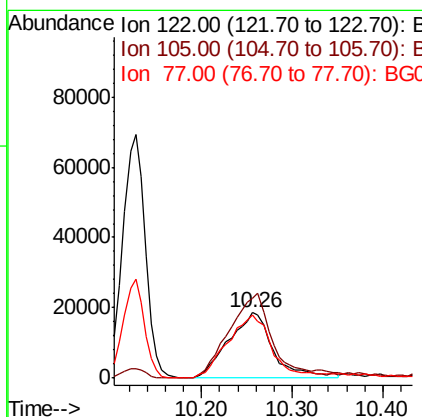
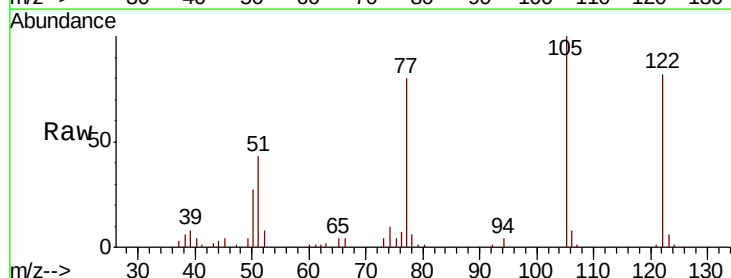
Instrument :
BNA_G
ClientSampled :
PB117780BS

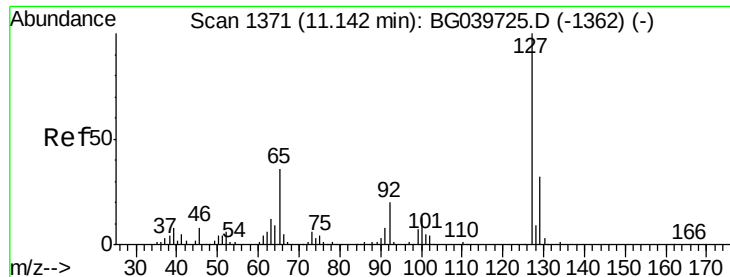
Tgt Ion:128 Resp: 359667
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 14.0 10.8 16.2



#32
Benzoic acid
Concen: 38.202 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Tgt Ion:122 Resp: 64069
Ion Ratio Lower Upper
122 100
105 121.7 101.8 141.8
77 97.3 76.3 116.3

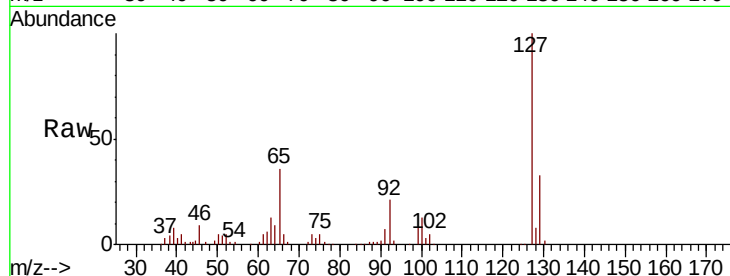




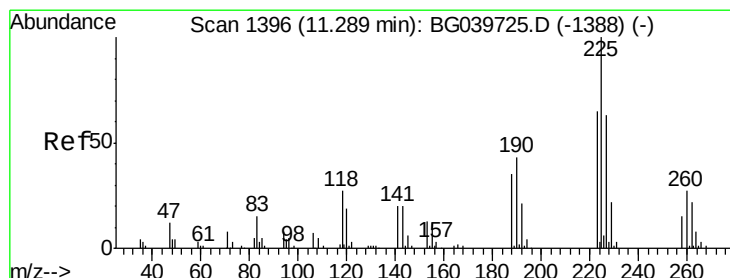
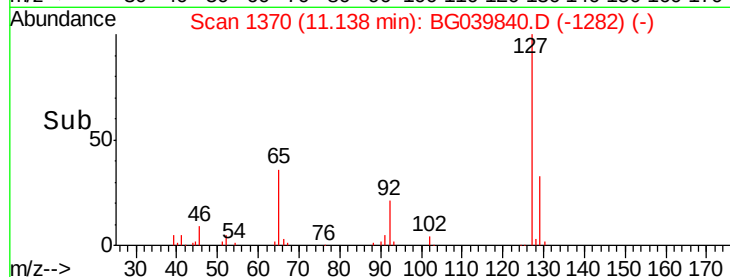
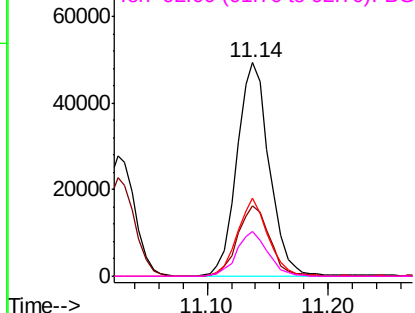
#33
4-Chloroaniline
Concen: 23.451 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Instrument :
BNA_G
ClientSampleId :
PB117780BS

Tgt Ion:	127	Resp:	92056
Ion	Ratio	Lower	Upper
127	100		
129	32.8	27.0	40.4
65	36.4	28.8	43.2
92	20.9	16.6	25.0

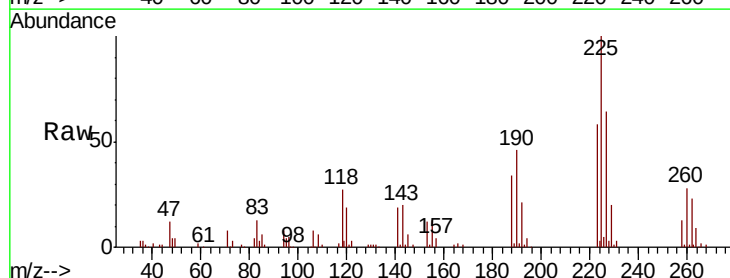


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

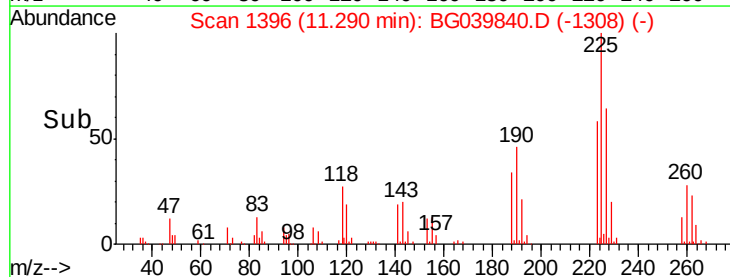
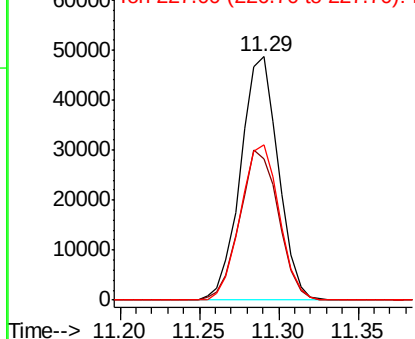


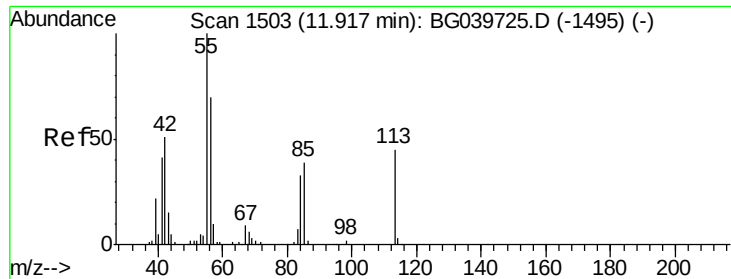
#34
Hexachlorobutadiene
Concen: 36.429 ng
RT: 11.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Tgt Ion:	225	Resp:	80318
Ion	Ratio	Lower	Upper
225	100		
223	58.2	49.0	73.6
227	63.6	46.3	69.5



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





#35

Caprolactam

Concen: 27.759 ng

RT: 11.91 min Scan# 1502

Delta R.T. -0.03 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

Instrument :

BNA_G

ClientSampleId :

PB117780BS

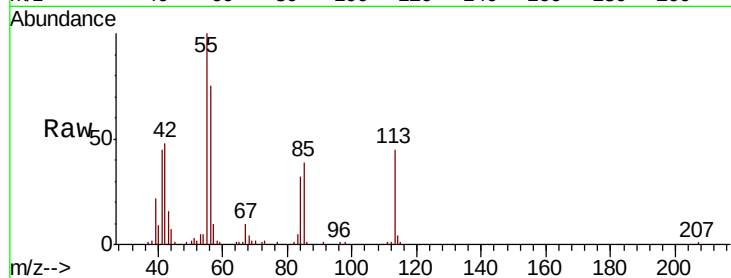
Tgt Ion:113 Resp: 30404

Ion Ratio Lower Upper

113 100

55 220.6 216.9 256.9

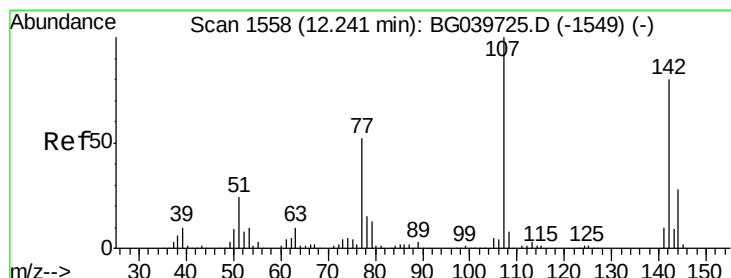
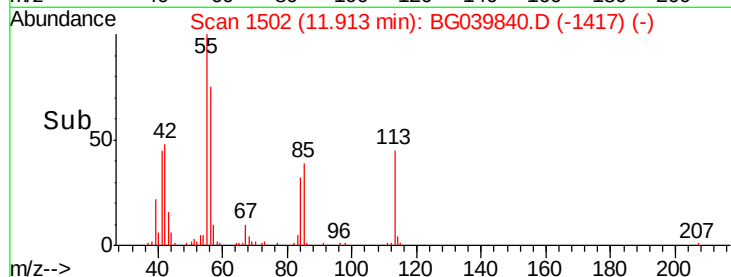
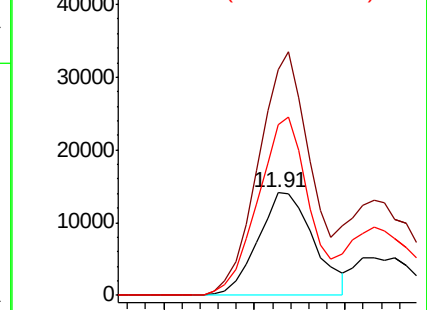
56 165.8 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG039725.D (-1495) (-)

Ion 56.00 (55.70 to 56.70): BG039725.D (-1495) (-)



#36

4-Chloro-3-methylphenol

Concen: 42.470 ng

RT: 12.24 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

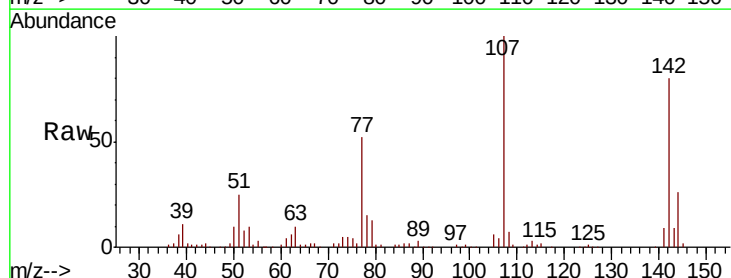
Tgt Ion:107 Resp: 139591

Ion Ratio Lower Upper

107 100

144 26.1 20.2 30.2

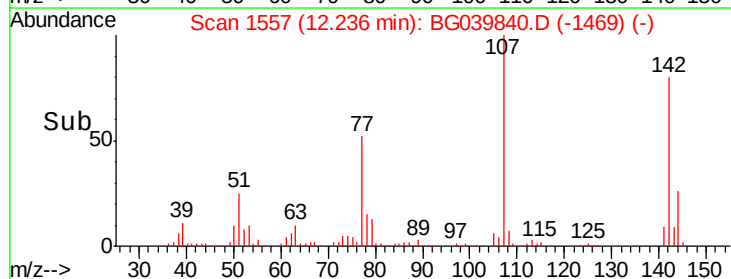
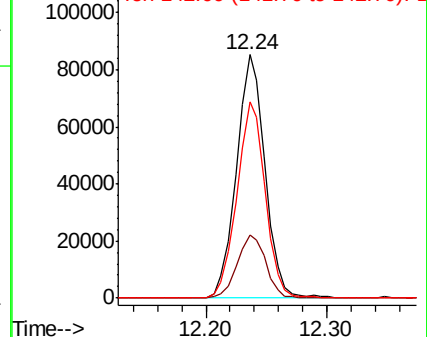
142 80.4 61.4 92.2

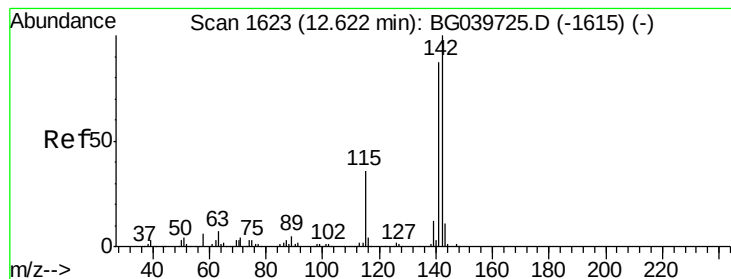


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.655 ng

RT: 12.62 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

Instrument :

BNA_G

ClientSampleId :

PB117780BS

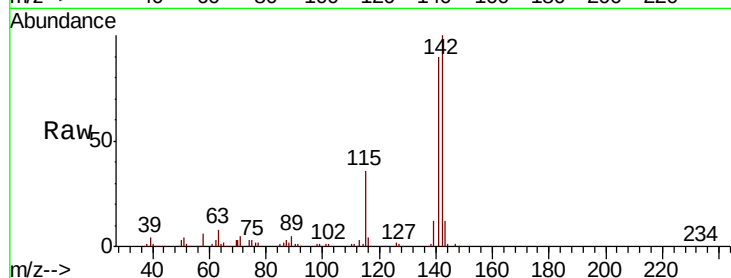
Tgt Ion:142 Resp: 274451

Ion Ratio Lower Upper

142 100

141 90.4 73.5 110.3

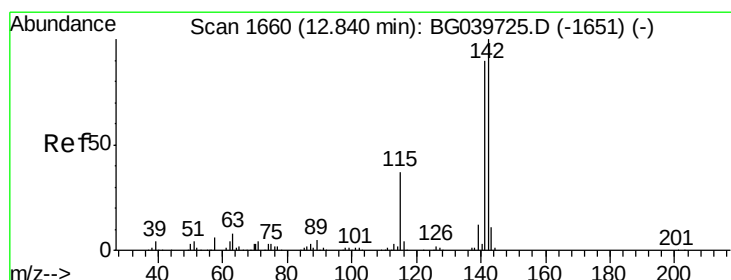
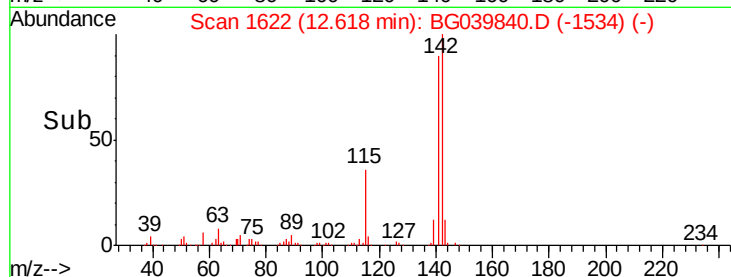
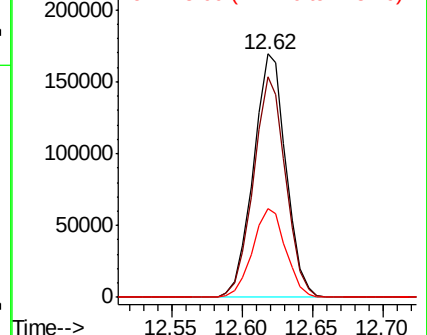
115 36.5 30.8 46.2



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: 39.554 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

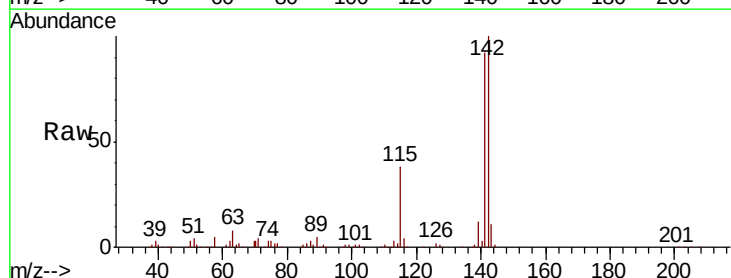
Tgt Ion:142 Resp: 266031

Ion Ratio Lower Upper

142 100

141 92.1 74.2 111.4

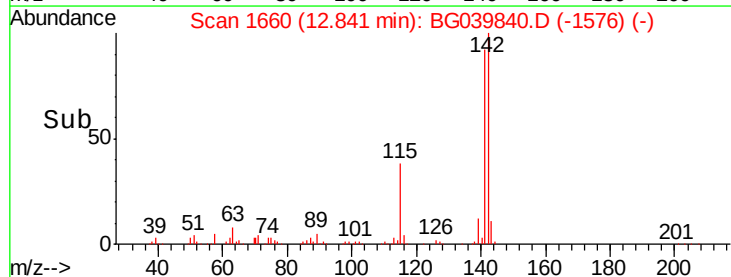
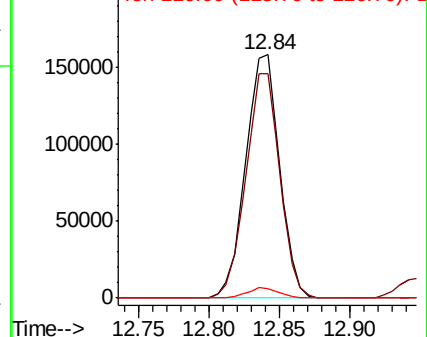
116 3.9 3.0 4.6

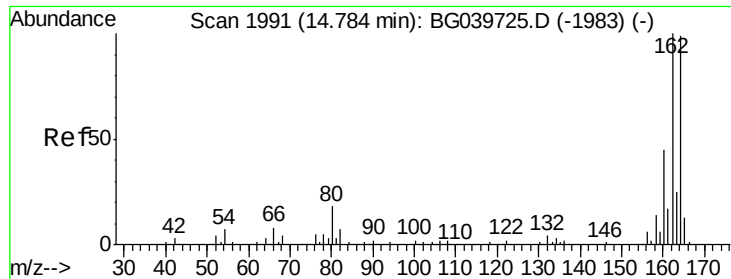


Abundance Ion 142.00 (141.70 to 142.70): E

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# 1990

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

Instrument :

BNA_G

ClientSampleId :

PB117780BS

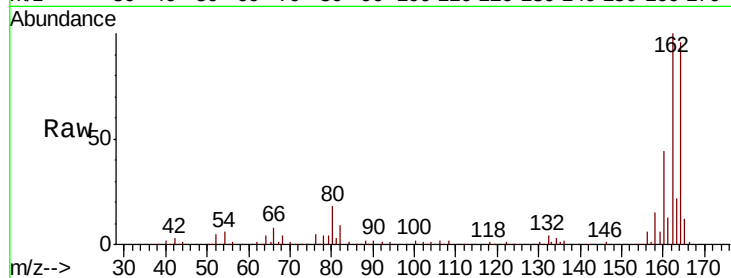
Tgt Ion:164 Resp: 121854

Ion Ratio Lower Upper

164 100

162 103.8 81.6 122.4

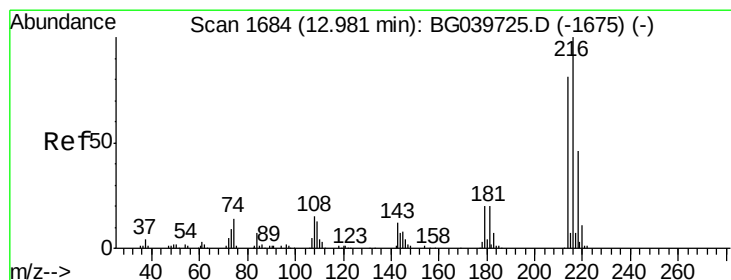
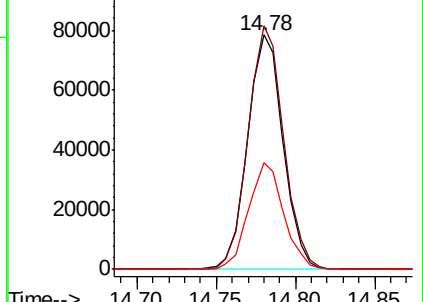
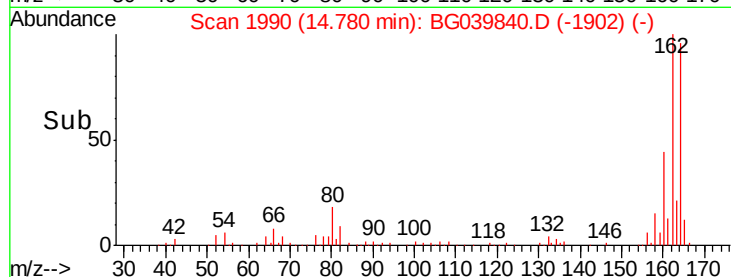
160 45.4 34.2 51.2



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: 37.284 ng

RT: 12.98 min Scan# 1683

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

Tgt Ion:216 Resp: 153913

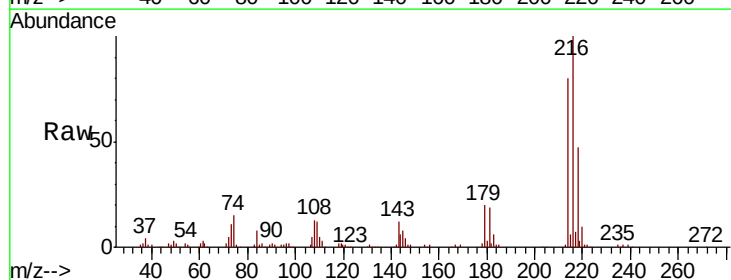
Ion Ratio Lower Upper

216 100

214 78.8 62.6 94.0

179 20.2 16.6 25.0

108 17.5 14.0 21.0

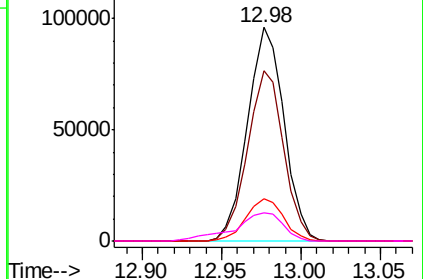
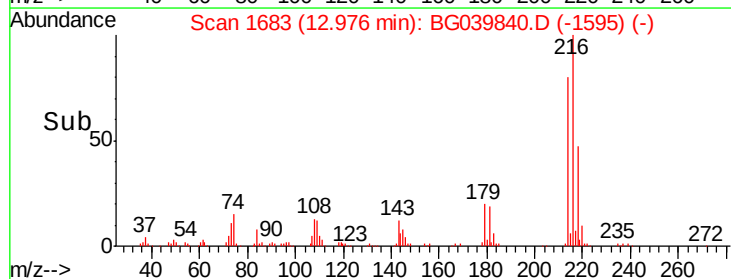


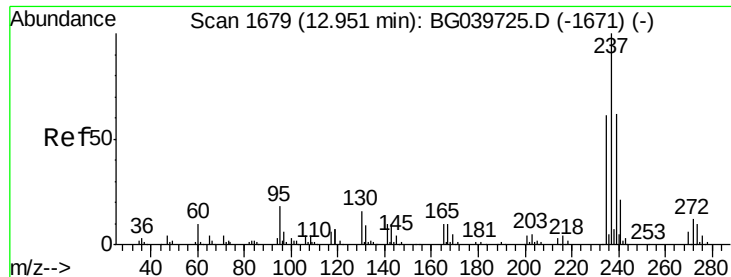
Abundance Ion 216.00 (215.70 to 216.70): E

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

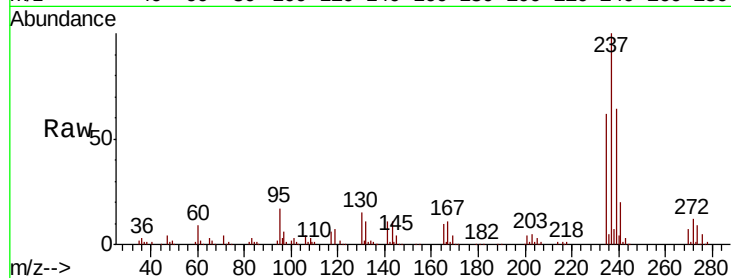




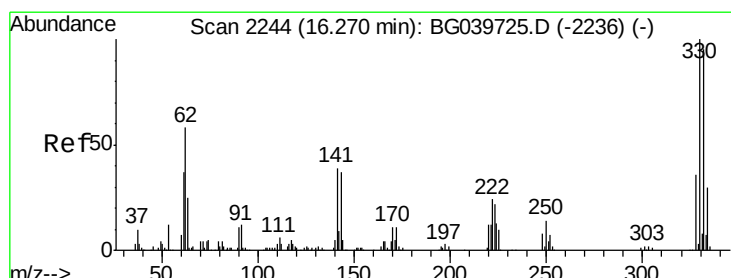
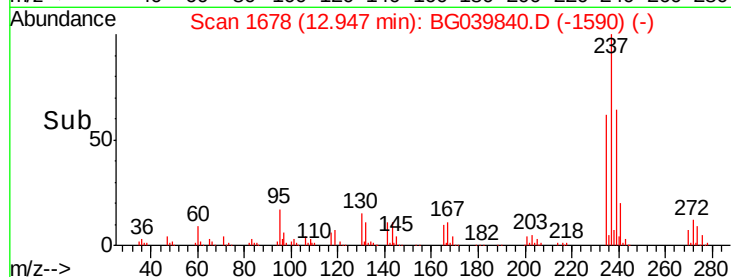
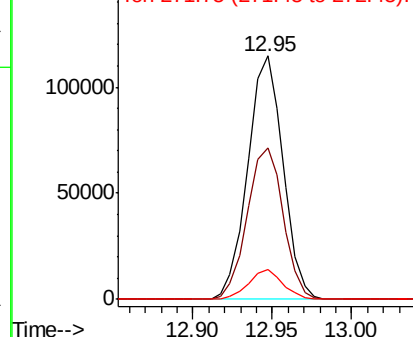
#41
Hexachlorocyclopentadiene
Concen: 80.124 ng
RT: 12.95 min Scan# 1678
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Instrument :
BNA_G
ClientSampleId :
PB117780BS

Tgt Ion: 237 Resp: 177257
Ion Ratio Lower Upper
237 100
235 62.2 43.3 83.3
272 12.1 0.0 32.3

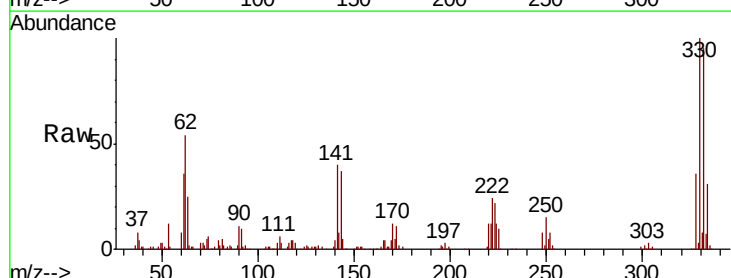


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

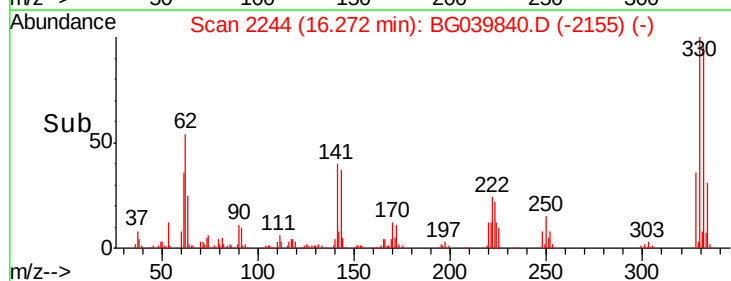
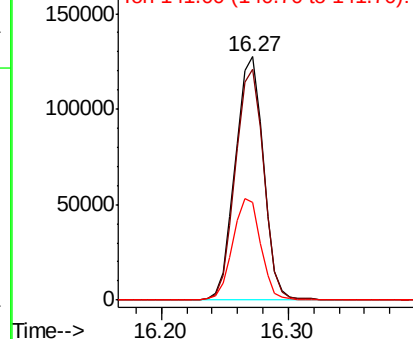


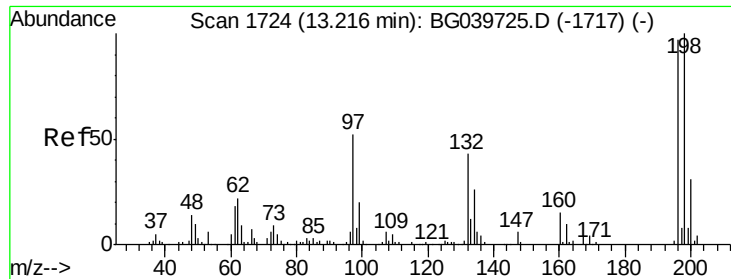
#42
2,4,6-Tribromophenol
Concen: 137.731 ng
RT: 16.27 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Tgt Ion: 330 Resp: 195619
Ion Ratio Lower Upper
330 100
332 95.4 75.7 113.5
141 41.5 35.6 53.4



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

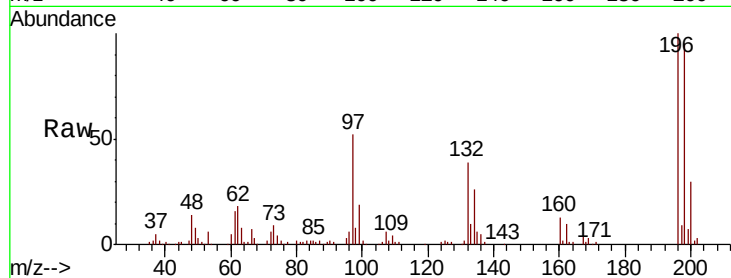




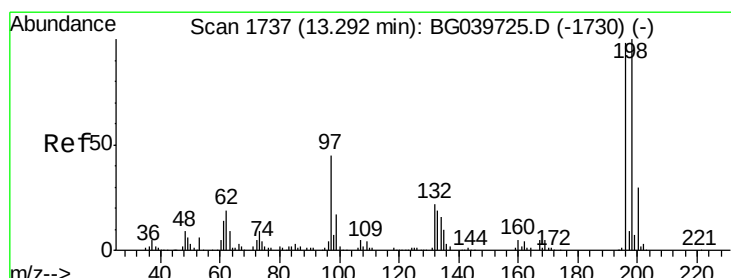
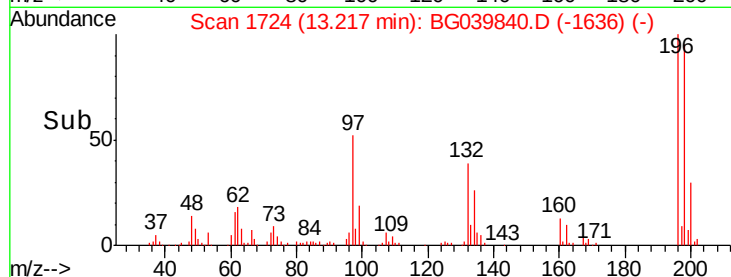
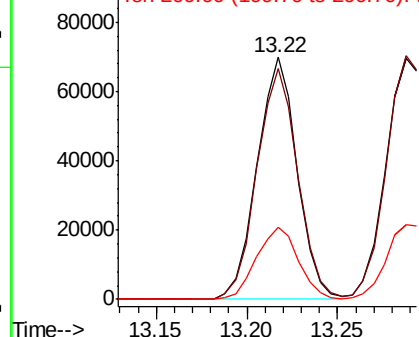
#43
 2,4,6-Trichlorophenol
 Concen: 44.444 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG039840.D
 Acq: 11 Mar 2019 13:56

Instrument :
 BNA_G
 ClientSampleId :
 PB117780BS

Tgt Ion:196 Resp: 107414
 Ion Ratio Lower Upper
 196 100
 198 95.4 80.6 121.0
 200 29.6 26.1 39.1



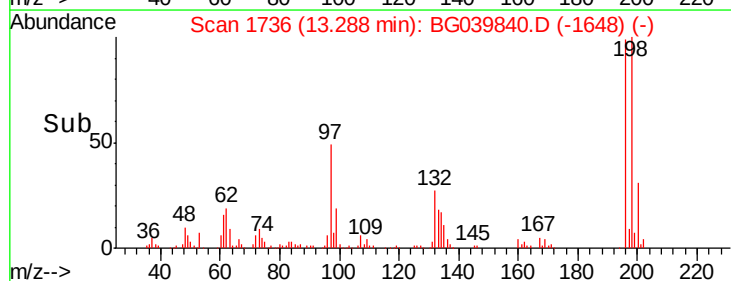
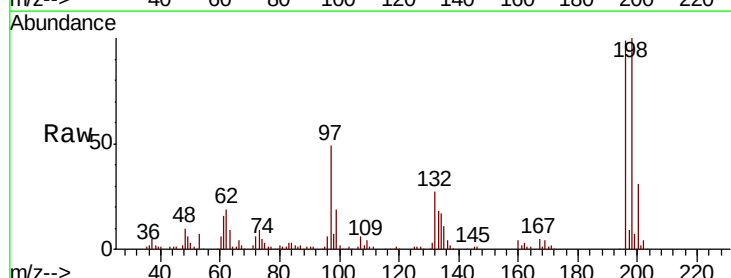
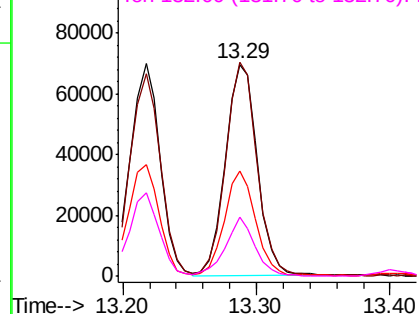
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

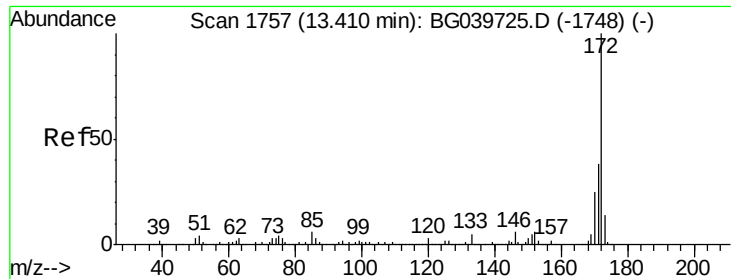


#44
 2,4,5-Trichlorophenol
 Concen: 42.747 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG039840.D
 Acq: 11 Mar 2019 13:56

Tgt Ion:196 Resp: 116451
 Ion Ratio Lower Upper
 196 100
 198 101.1 78.5 117.7
 97 49.5 38.4 57.6
 132 27.8 19.2 28.8

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

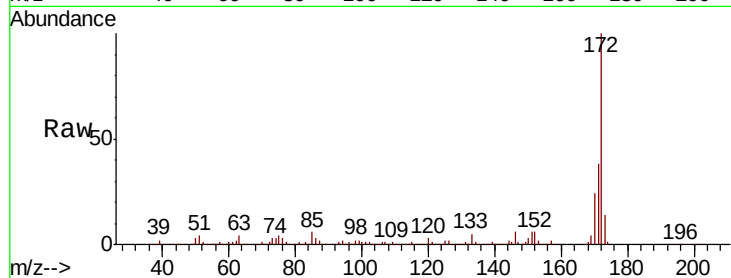




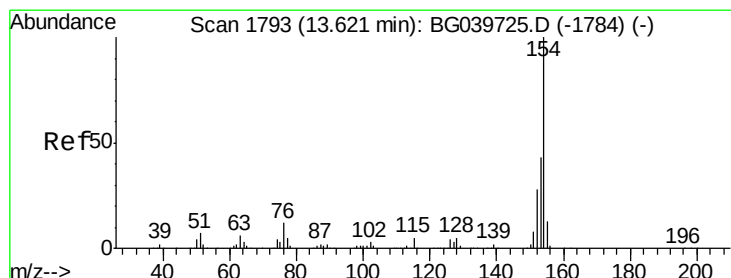
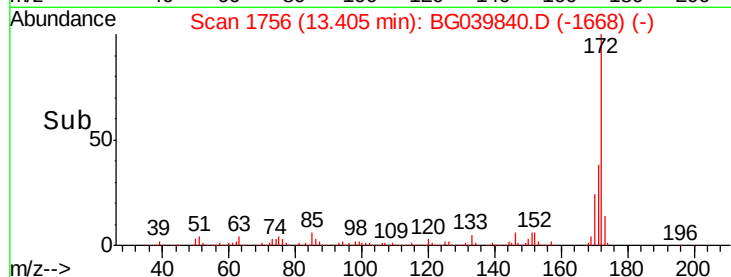
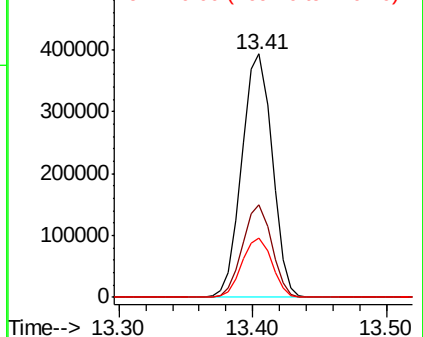
#45
2-Fluorobiphenyl
Concen: 72.273 ng
RT: 13.41 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Instrument :
BNA_G
ClientSampleId :
PB117780BS

Tgt Ion:172 Resp: 618524
Ion Ratio Lower Upper
172 100
171 38.1 30.8 46.2
170 24.5 20.2 30.4

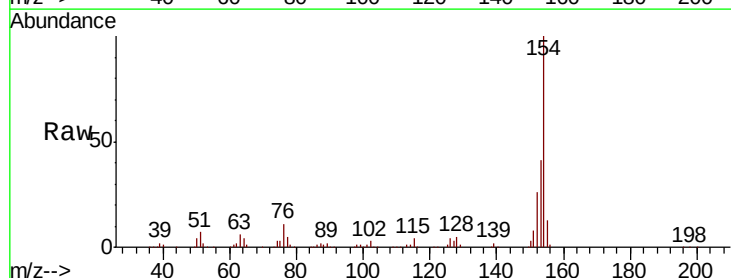


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

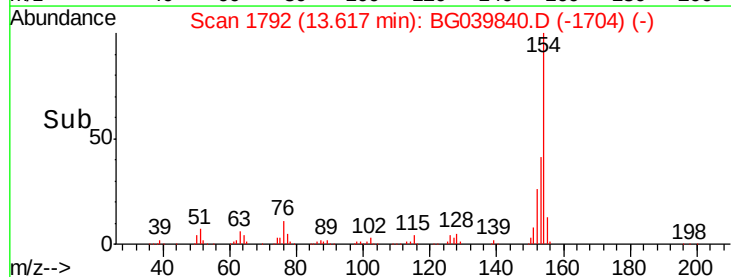
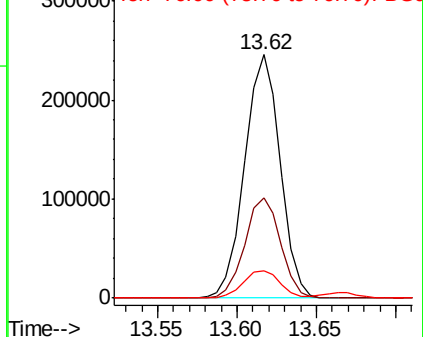


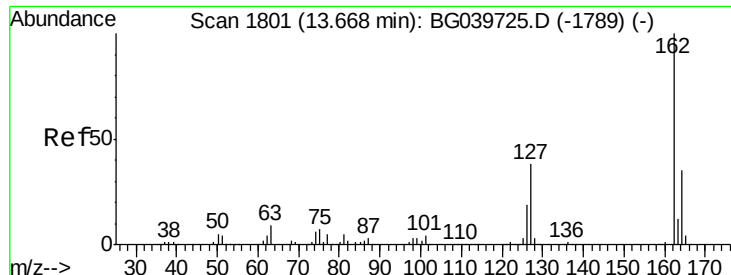
#46
1,1'-Biphenyl
Concen: 37.992 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Tgt Ion:154 Resp: 380766
Ion Ratio Lower Upper
154 100
153 41.3 22.1 62.1
76 11.2 0.0 32.4



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

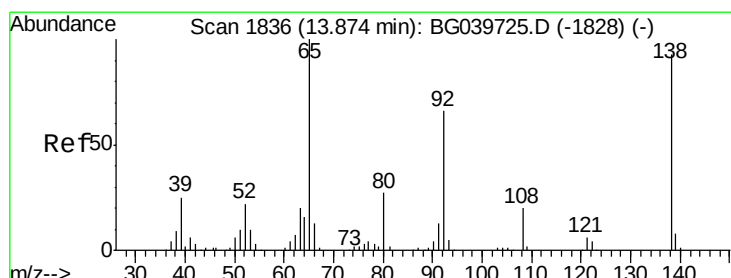
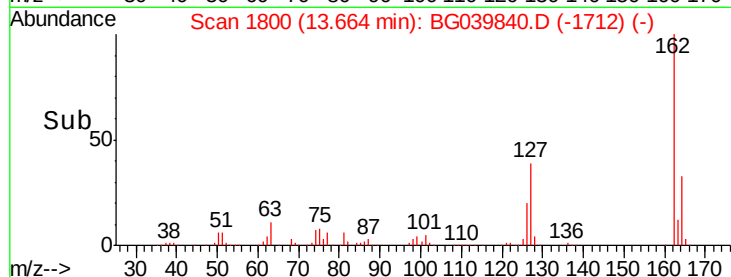
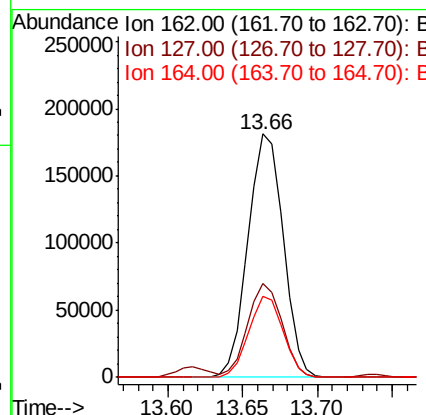
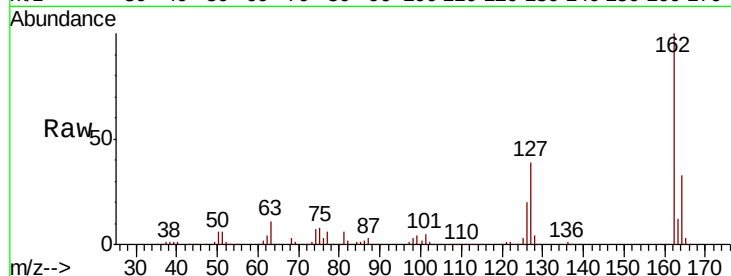




#47
 2-Chloronaphthalene
 Concen: 39.298 ng
 RT: 13.66 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG039840.D
 Acq: 11 Mar 2019 13:56

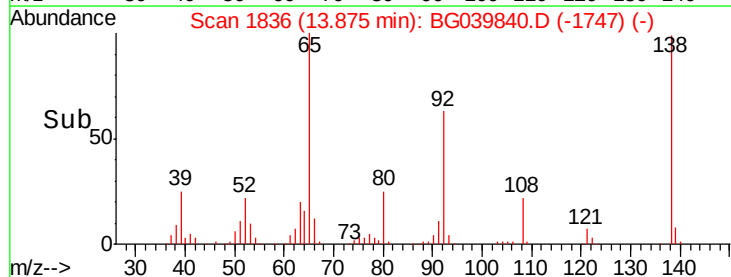
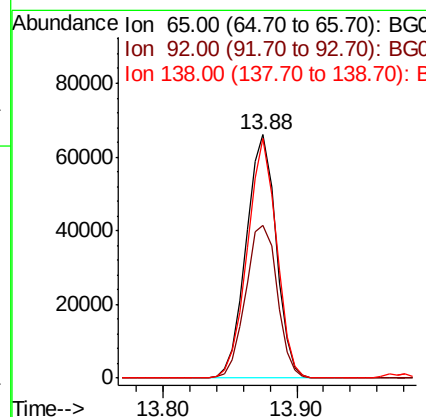
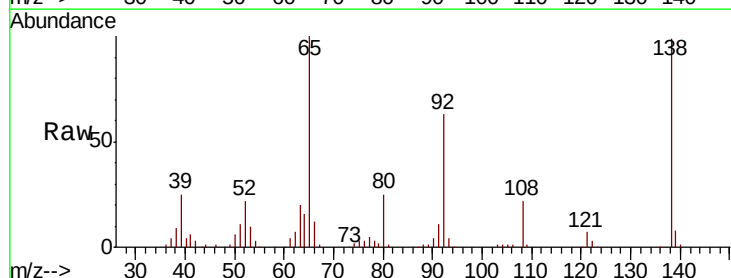
Instrument :
 BNA_G
 ClientSampleId :
 PB117780BS

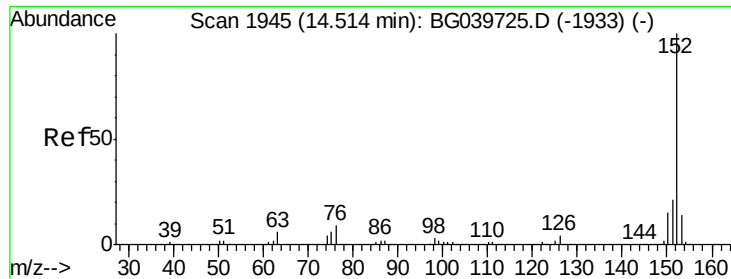
Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.6	31.0	46.6
164	33.1	25.7	38.5



#48
 2-Nitroaniline
 Concen: 42.237 ng
 RT: 13.88 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BG039840.D
 Acq: 11 Mar 2019 13:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.8	51.4	77.2
138	98.6	71.4	107.2





#49

Acenaphthylene

Concen: 38.267 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

Instrument :

BNA_G

ClientSampleId :

PB117780BS

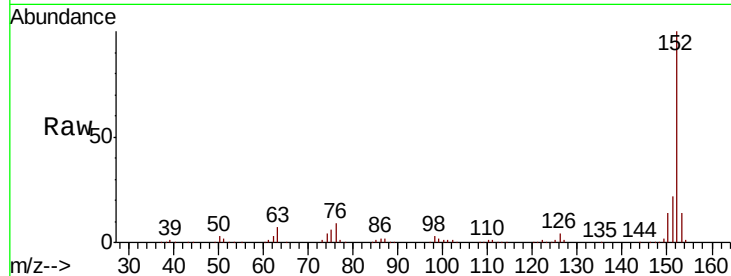
Tgt Ion:152 Resp: 473643

Ion Ratio Lower Upper

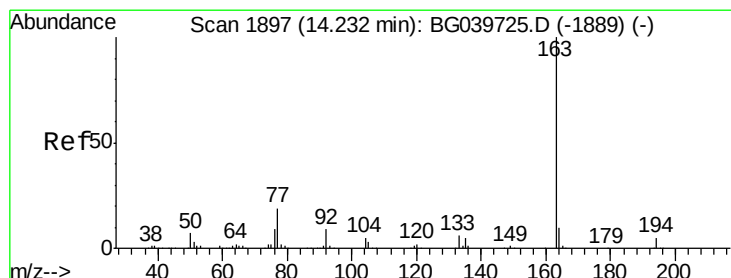
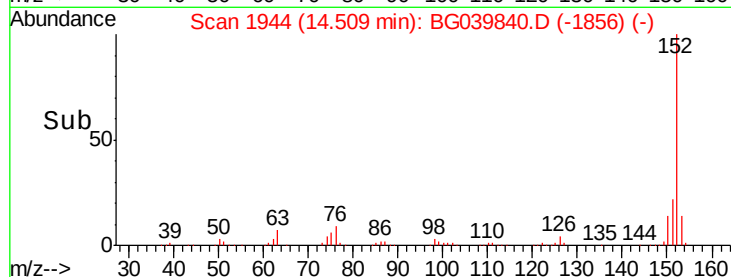
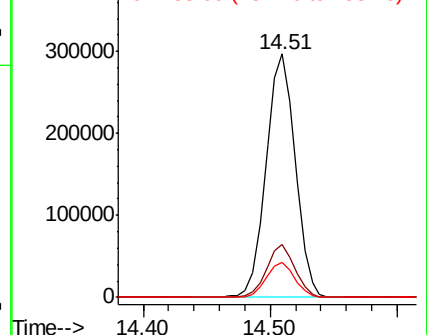
152 100

151 21.7 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: 39.355 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

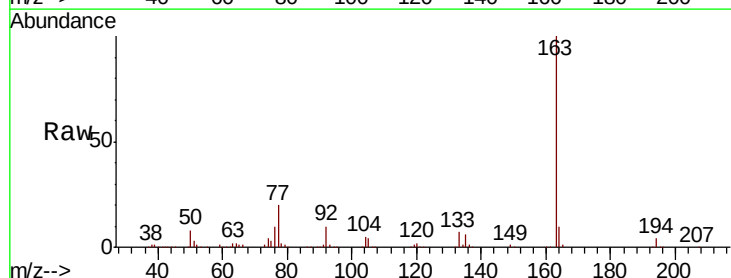
Tgt Ion:163 Resp: 401004

Ion Ratio Lower Upper

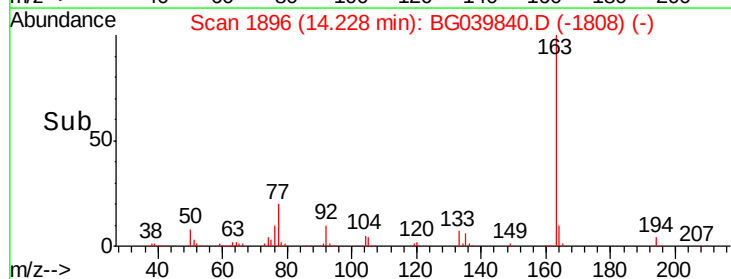
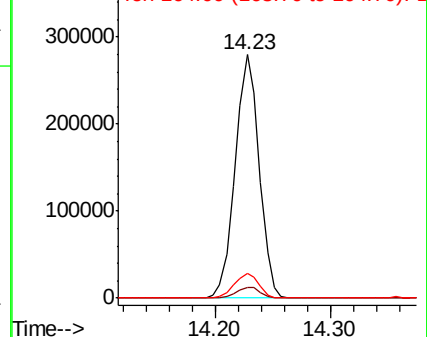
163 100

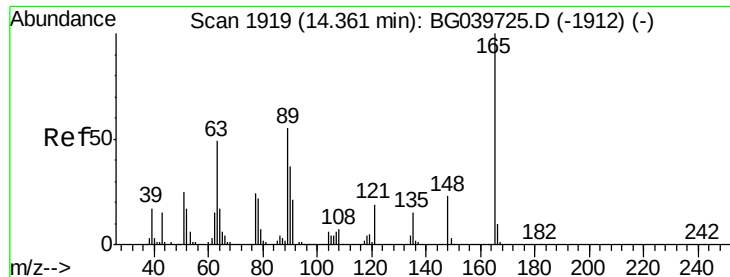
194 4.3 3.6 5.4

164 10.4 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

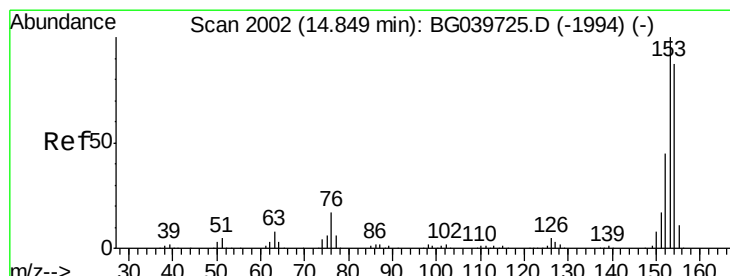
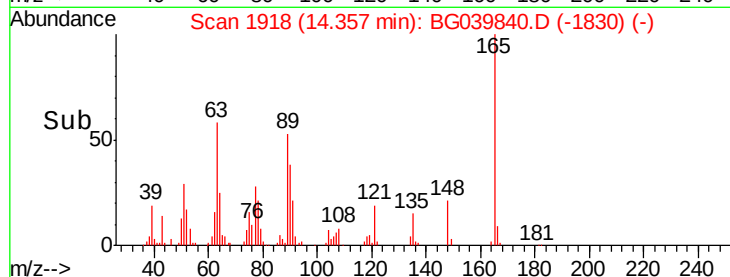
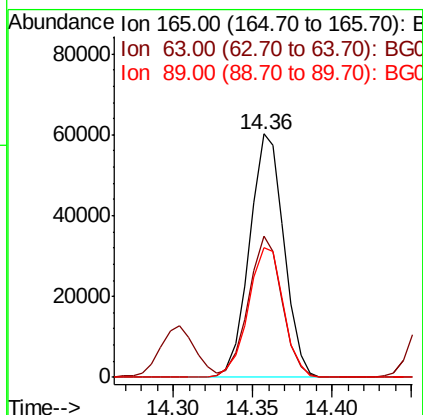
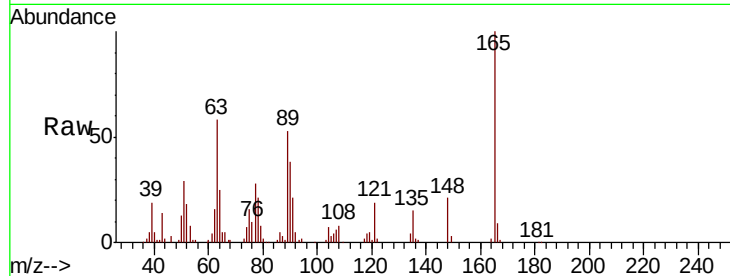




#51
2,6-Dinitrotoluene
Concen: 41.934 ng
RT: 14.36 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

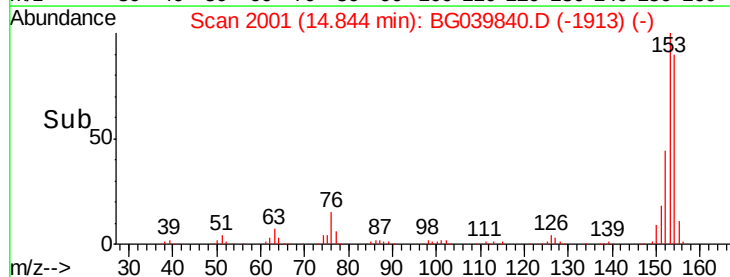
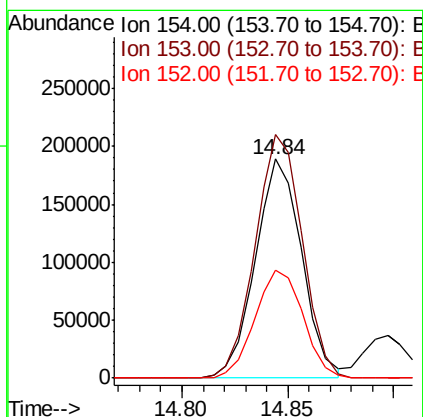
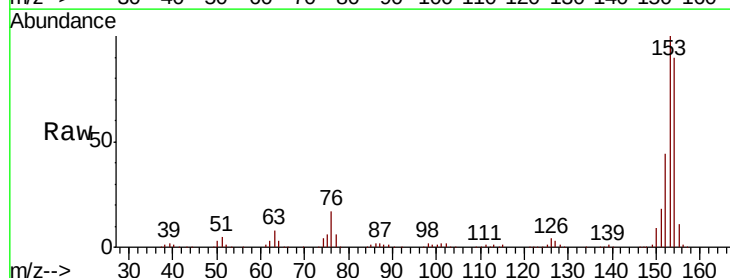
Instrument :
BNA_G
ClientSampleId :
PB117780BS

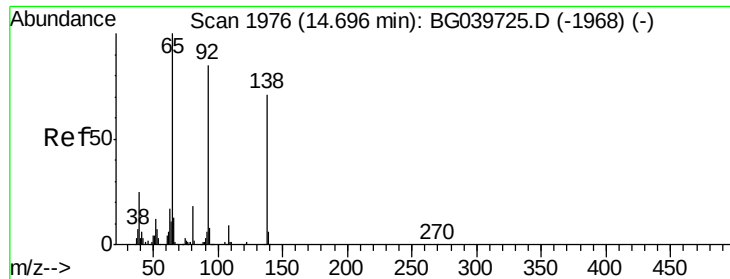
Tgt Ion:165 Resp: 90582
Ion Ratio Lower Upper
165 100
63 57.8 47.0 70.6
89 53.2 45.8 68.8



#52
Acenaphthene
Concen: 38.802 ng
RT: 14.84 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Tgt Ion:154 Resp: 289056
Ion Ratio Lower Upper
154 100
153 111.1 90.1 135.1
152 49.2 40.9 61.3





#53

3-Nitroaniline

Concen: 29.682 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

Instrument :

BNA_G

ClientSampleId :

PB117780BS

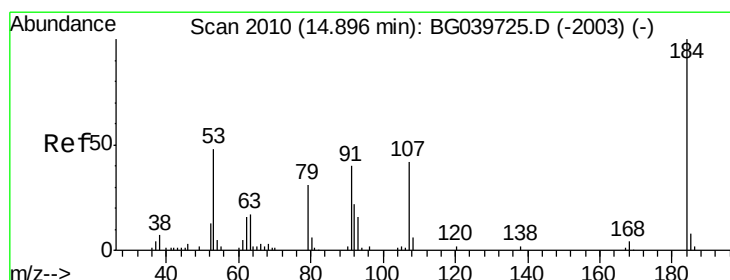
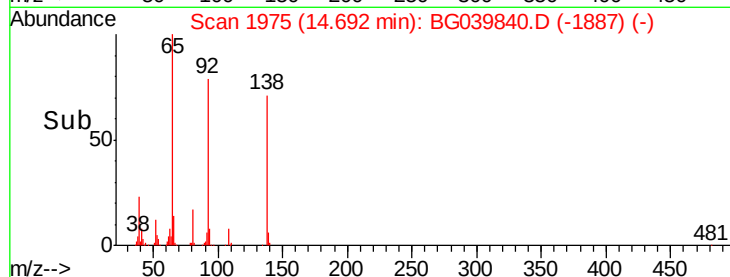
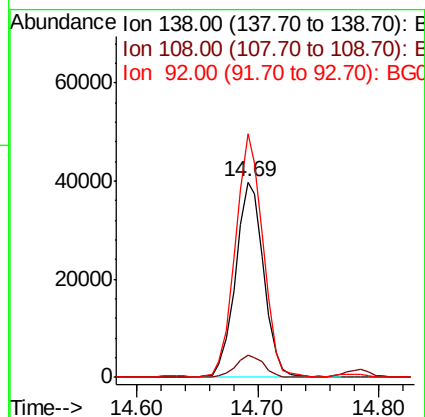
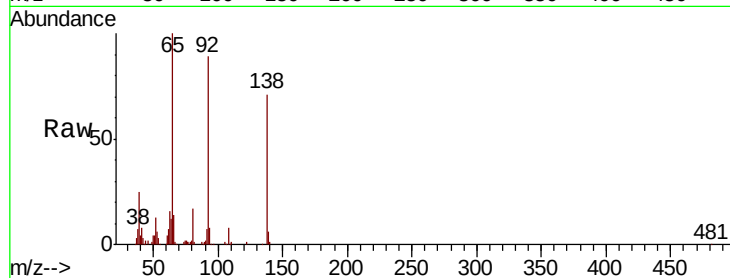
Tgt Ion:138 Resp: 64450

Ion Ratio Lower Upper

138 100

108 11.7 13.8 20.8#

92 124.9 103.7 155.5



#54

2,4-Dinitrophenol

Concen: 67.525 ng

RT: 14.90 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

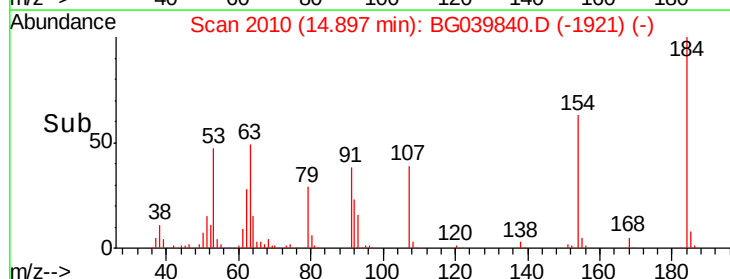
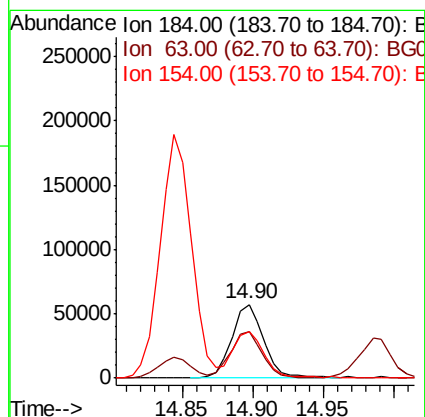
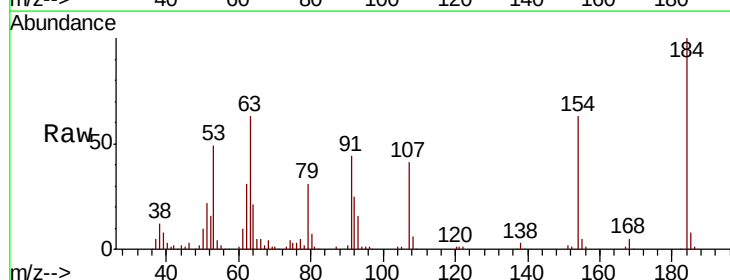
Tgt Ion:184 Resp: 90789

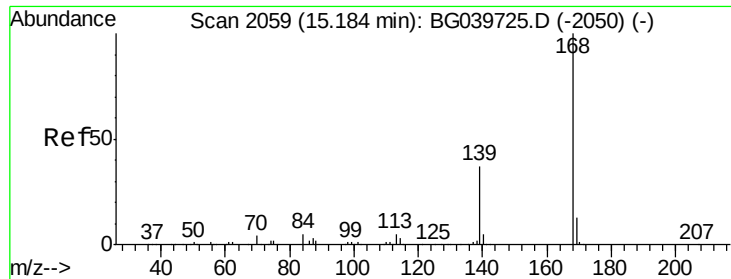
Ion Ratio Lower Upper

184 100

63 63.1 50.9 76.3

154 63.4 53.0 79.6





#55

Dibenzenofuran

Concen: 39.390 ng

RT: 15.18 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

Instrument :

BNA_G

ClientSampleId :

PB117780BS

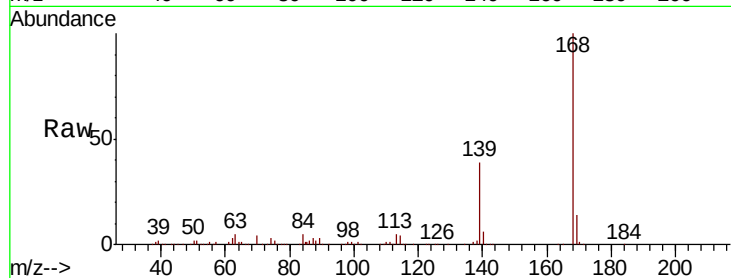
Tgt Ion:168 Resp: 481445

Ion Ratio Lower Upper

168 100

139 38.9 30.1 45.1

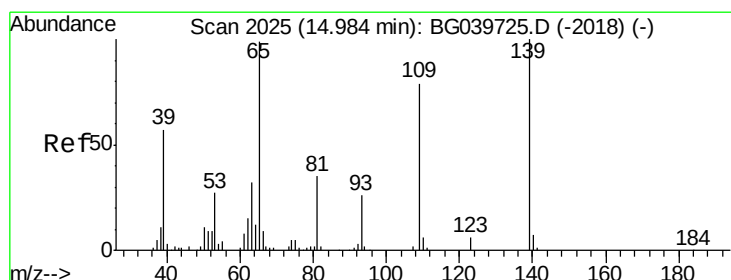
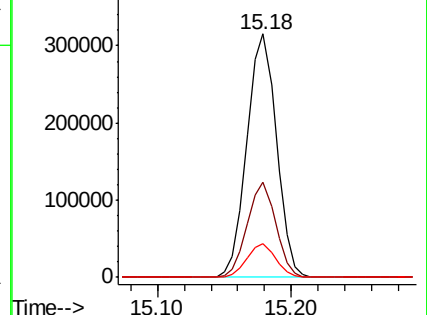
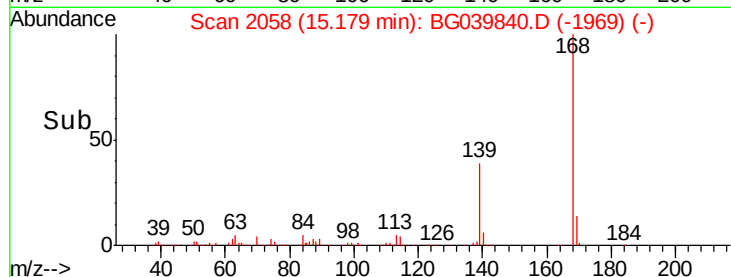
169 13.7 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 82.912 ng

RT: 14.99 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

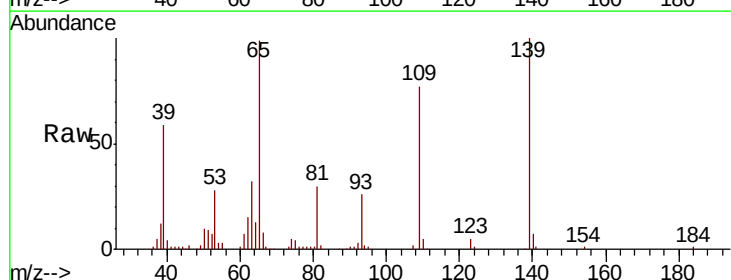
Tgt Ion:139 Resp: 161049

Ion Ratio Lower Upper

139 100

109 77.4 61.9 101.9

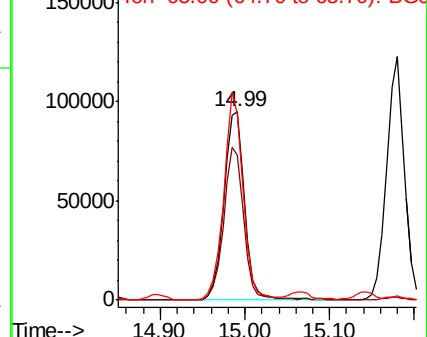
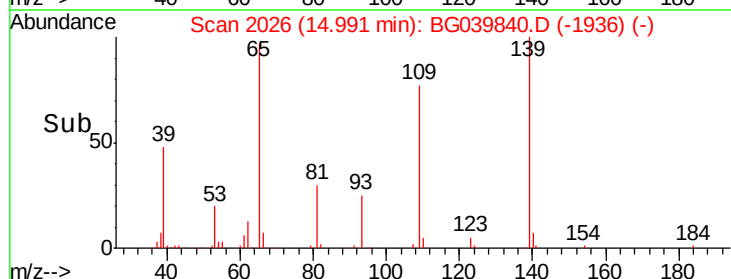
65 99.1 99.1 139.1

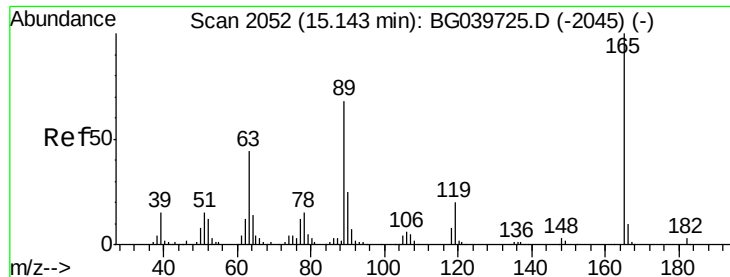


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

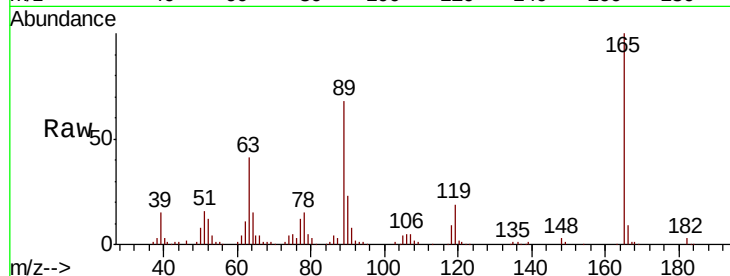




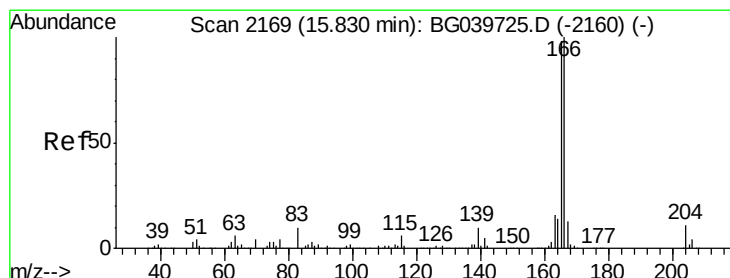
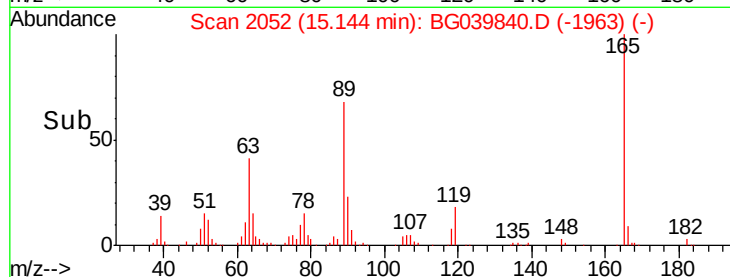
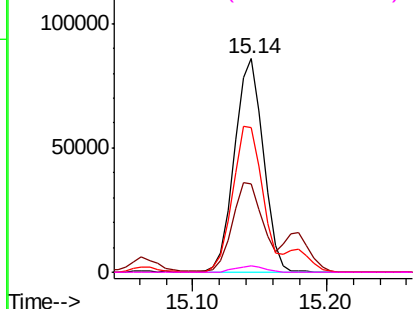
#57
2,4-Dinitrotoluene
Concen: 42.275 ng
RT: 15.14 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Instrument :
BNA_G
ClientSampleId :
PB117780BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.4	41.0	61.6
89	67.9	64.6	96.8
182	3.0	2.0	3.0#

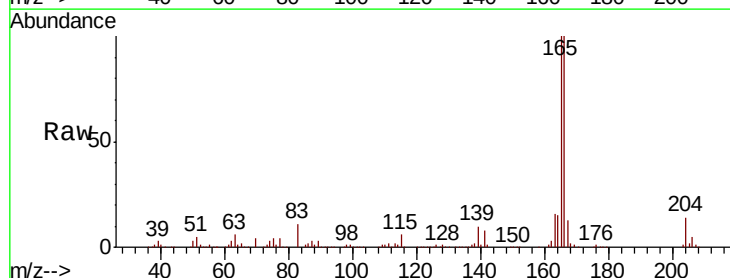


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

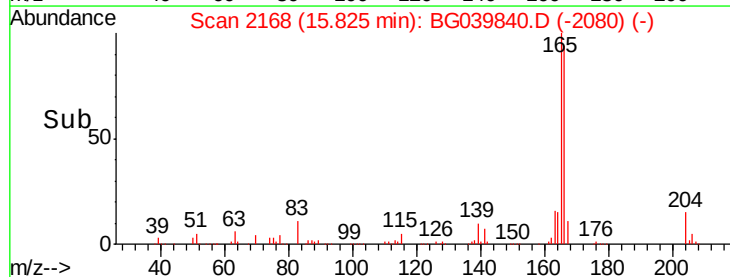
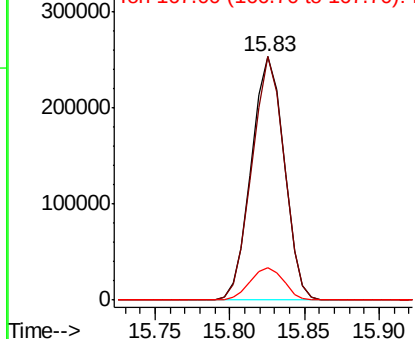


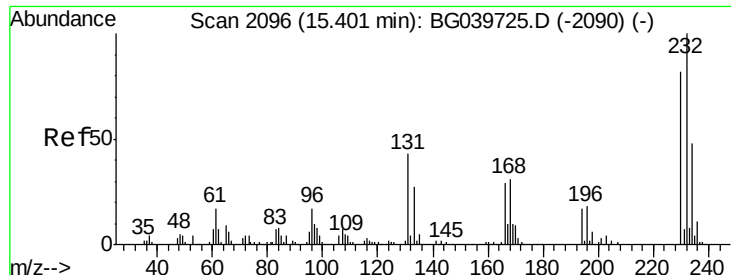
#58
Fluorene
Concen: 39.875 ng
RT: 15.83 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.0	77.9	116.9
167	13.5	10.8	16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

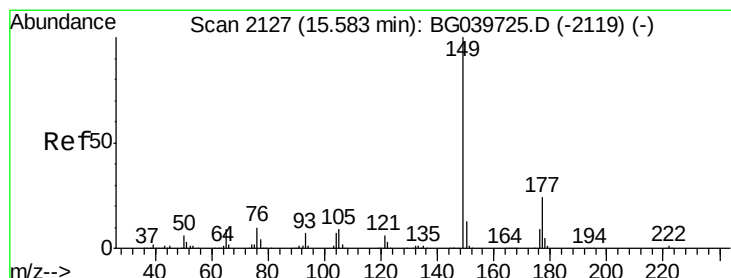
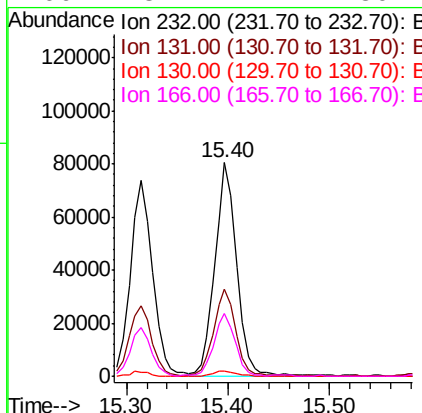
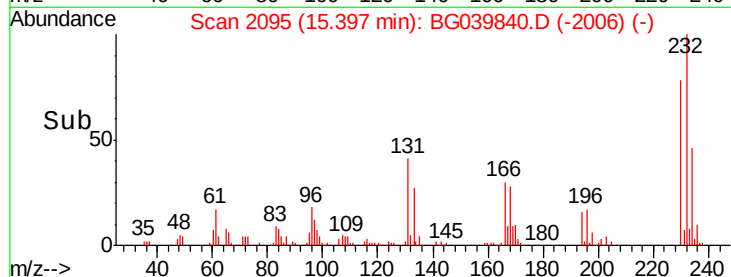
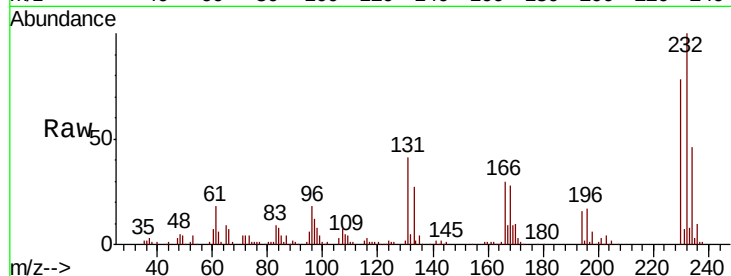




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.055 ng
 RT: 15.40 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BG039840.D
 Acq: 11 Mar 2019 13:56

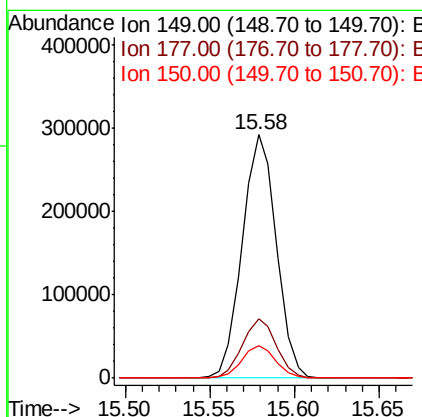
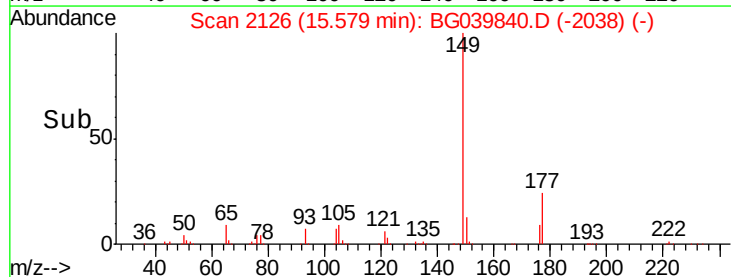
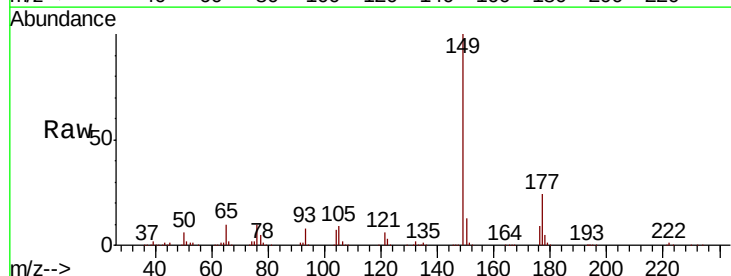
Instrument :
 BNA_G
 ClientSampleId :
 PB117780BS

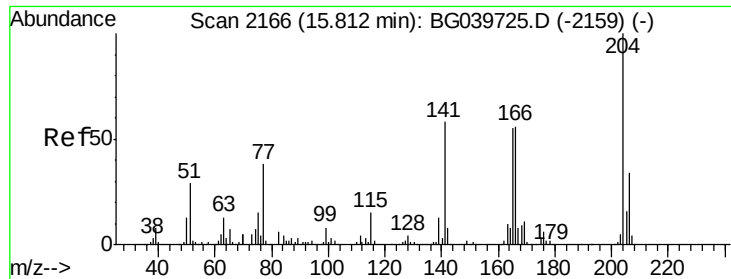
Tgt Ion:	232	Resp:	119870
Ion	Ratio	Lower	Upper
232	100		
131	40.5	34.9	52.3
130	2.3	2.0	3.0
166	28.2	24.1	36.1



#60
 Diethylphthalate
 Concen: 40.636 ng
 RT: 15.58 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG039840.D
 Acq: 11 Mar 2019 13:56

Tgt Ion:	149	Resp:	409882
Ion	Ratio	Lower	Upper
149	100		
177	24.3	18.3	27.5
150	13.4	10.2	15.2

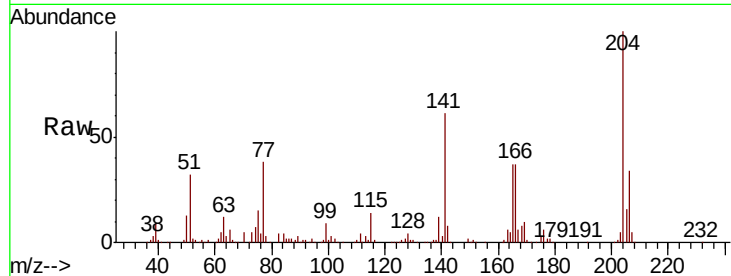




#61
4-Chlorophenyl-phenylether
Concen: 39.625 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Instrument :
BNA_G
ClientSampleId :
PB117780BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.1	29.2	43.8
141	60.7	49.0	73.4

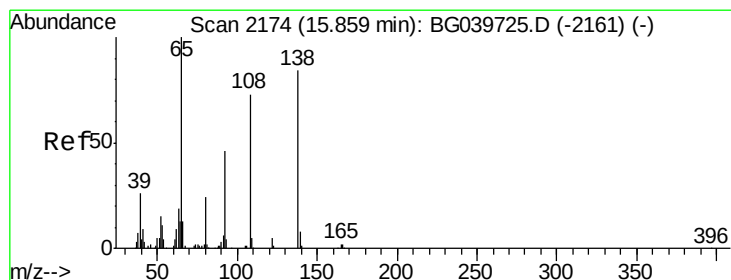
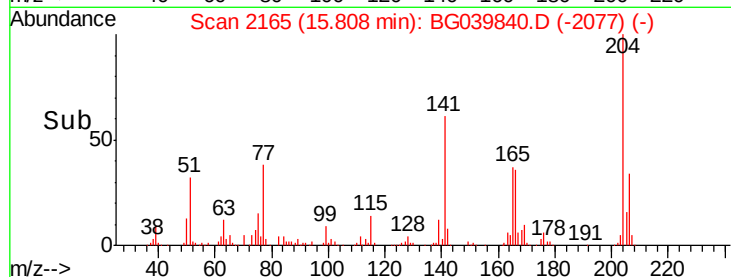
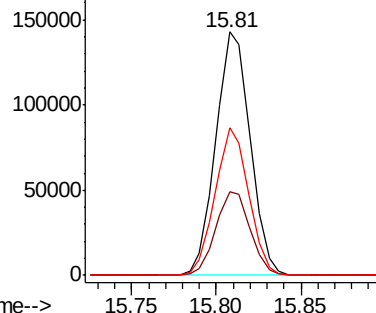


Abundance

Ion 204.00 (203.70 to 204.70): E

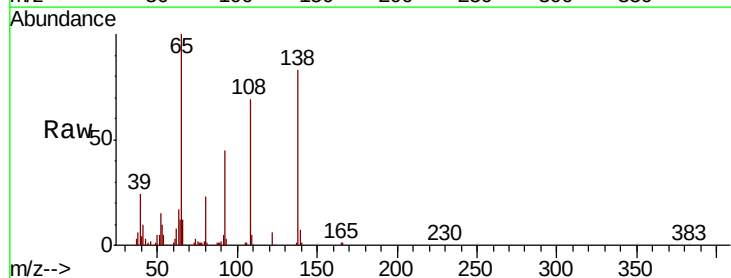
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 41.989 ng
RT: 15.86 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.2	38.7	78.7
108	83.6	74.6	114.6

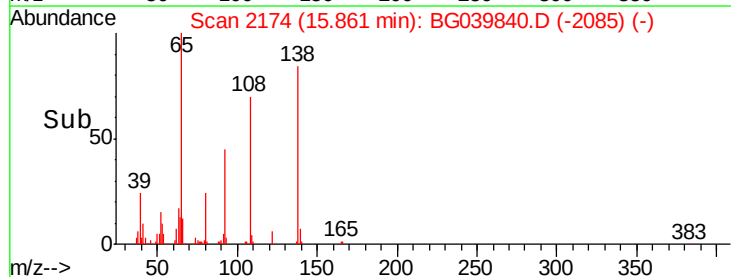
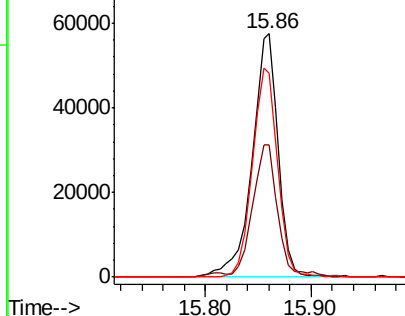


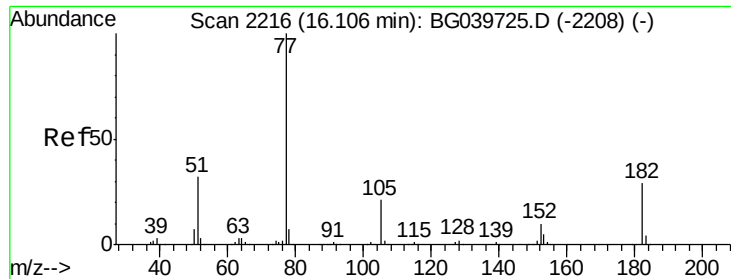
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

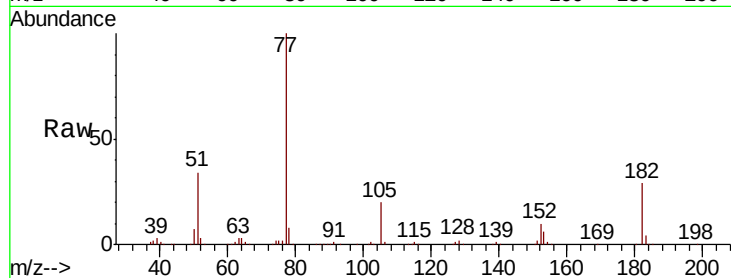




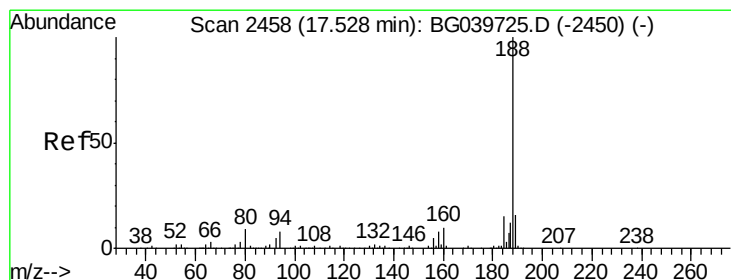
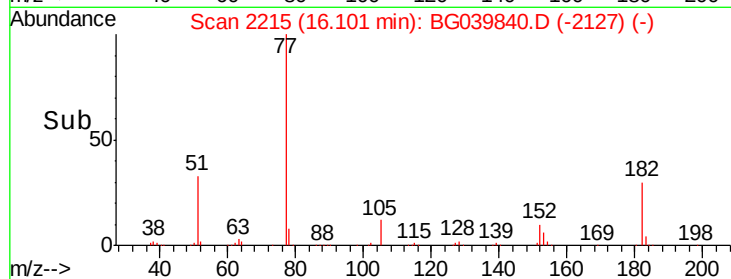
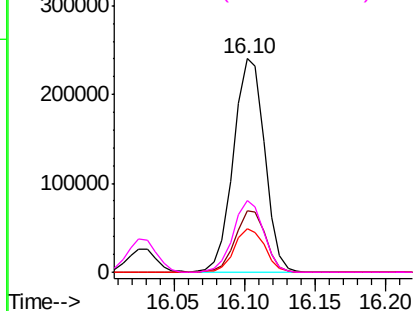
#63
Azobenzene
Concen: 40.584 ng
RT: 16.10 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Instrument :
BNA_G
ClientSampleId :
PB117780BS

Tgt Ion: 77 Resp: 371076
Ion Ratio Lower Upper
77 100
182 29.1 6.4 46.4
105 20.5 0.0 39.8
51 33.8 14.1 54.1

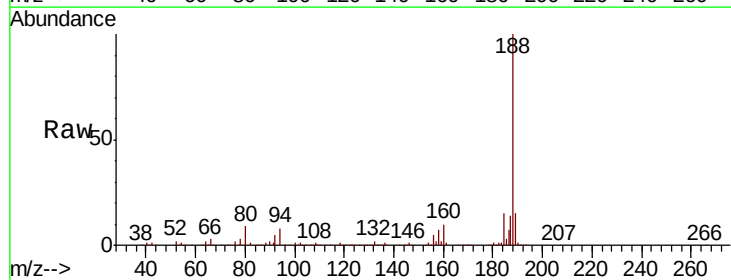


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

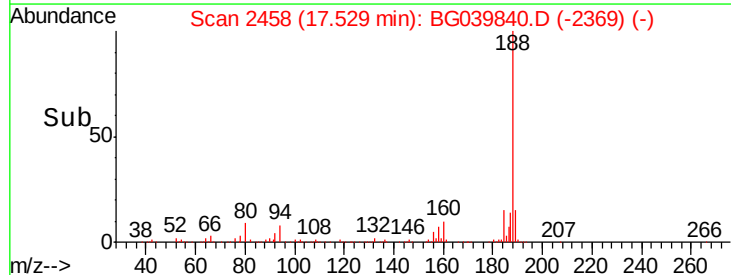
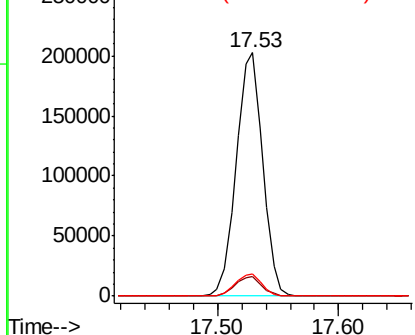


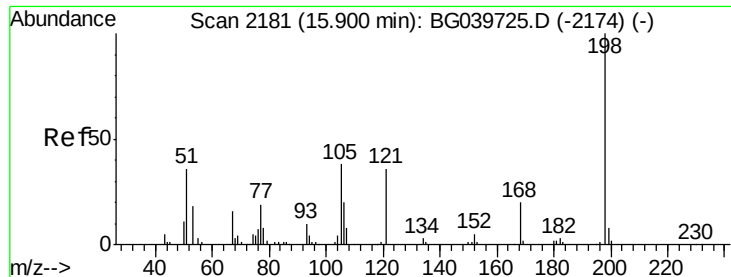
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Tgt Ion: 188 Resp: 309135
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 9.1 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: 38.609 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

Instrument :

BNA_G

ClientSampleId :

PB117780BS

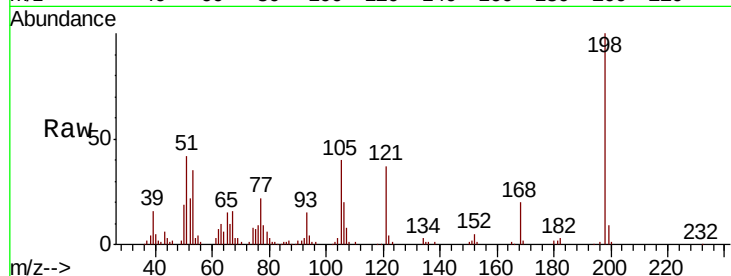
Tgt Ion:198 Resp: 70570

Ion Ratio Lower Upper

198 100

51 42.3 27.4 67.4

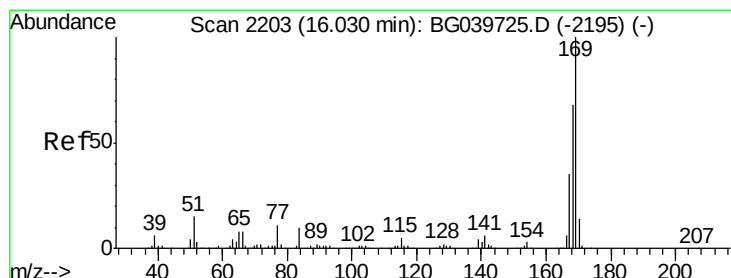
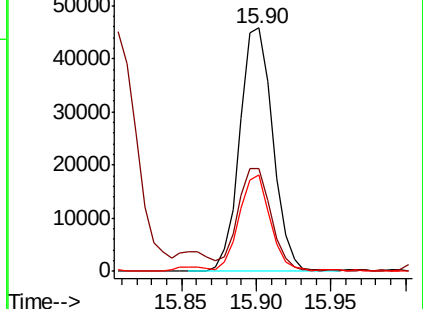
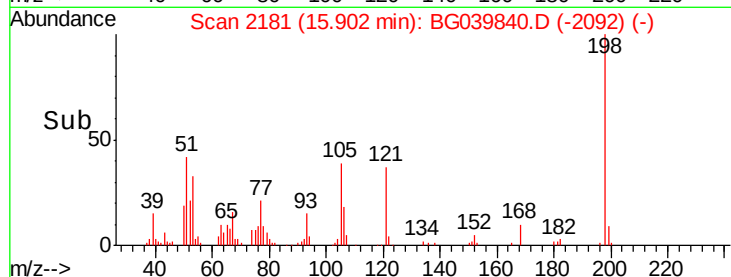
105 39.8 19.7 59.7



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: 40.121 ng

RT: 16.03 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

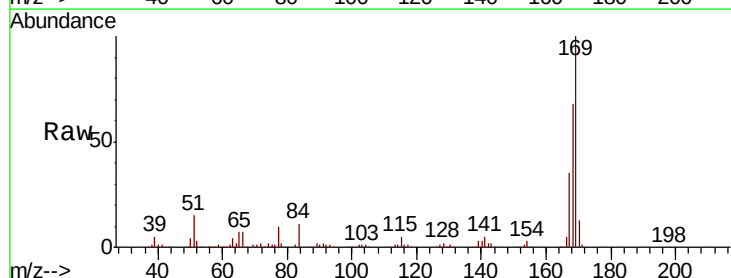
Tgt Ion:169 Resp: 359063

Ion Ratio Lower Upper

169 100

168 68.3 56.6 85.0

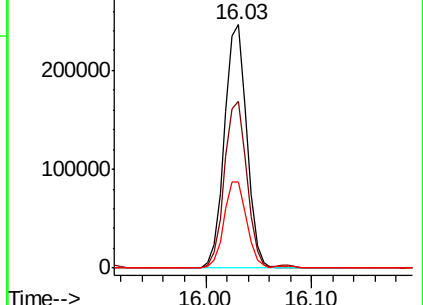
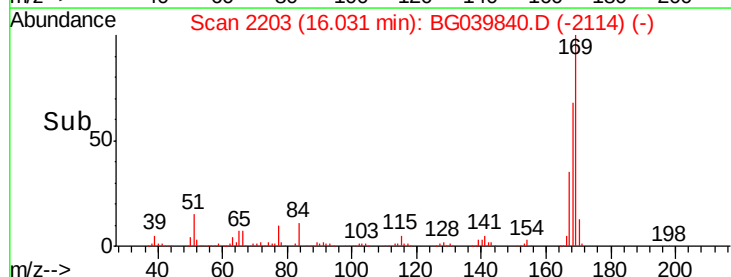
167 35.2 28.8 43.2

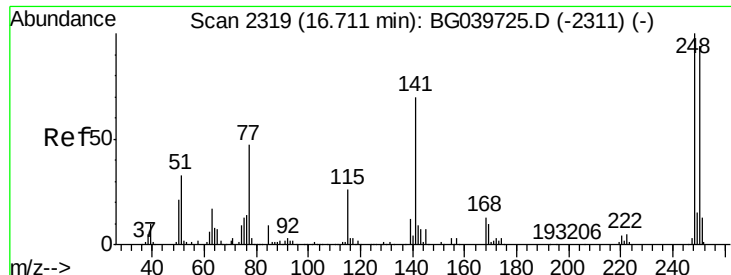


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

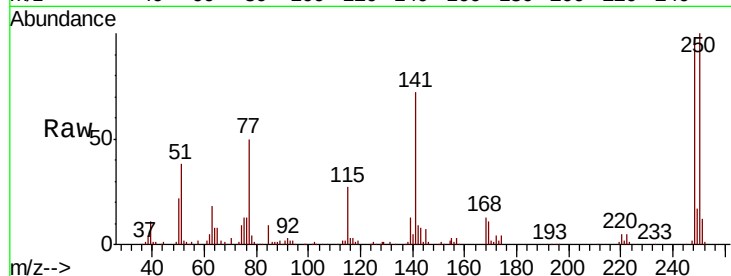




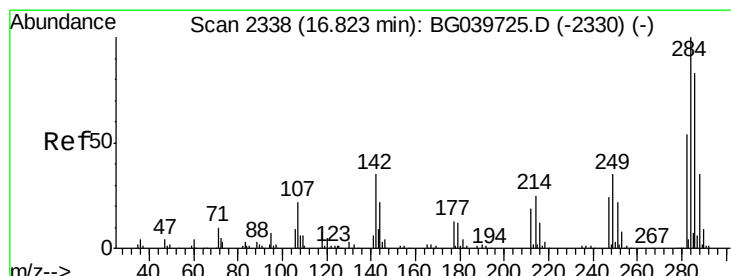
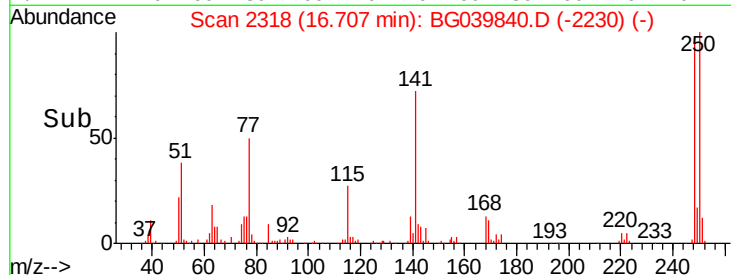
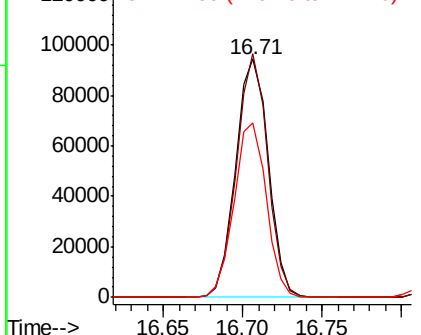
#67
 4-Bromophenyl-phenylether
 Concen: 39.007 ng
 RT: 16.71 min Scan# 2318
 Delta R.T. -0.01 min
 Lab File: BG039840.D
 Acq: 11 Mar 2019 13:56

Instrument :
 BNA_G
 ClientSampleId :
 PB117780BS

Tgt Ion:248 Resp: 134975
 Ion Ratio Lower Upper
 248 100
 250 102.1 77.6 116.4
 141 73.2 63.9 95.9

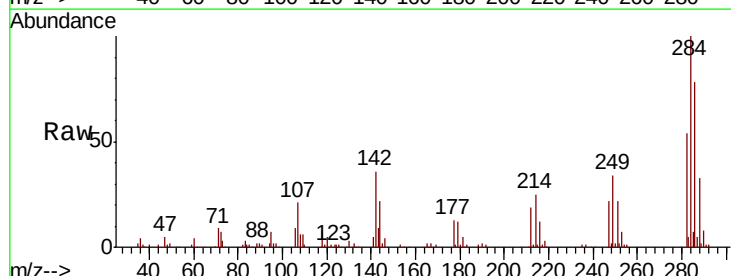


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

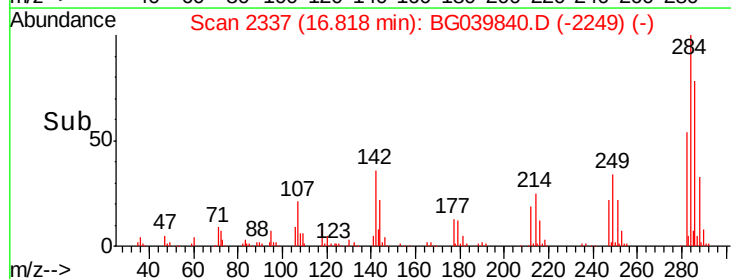
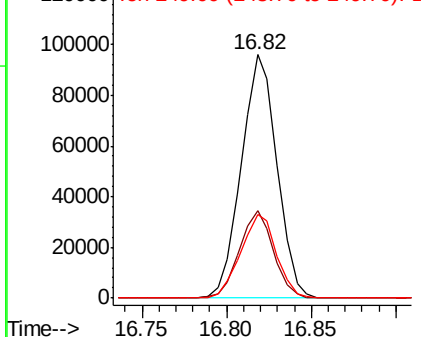


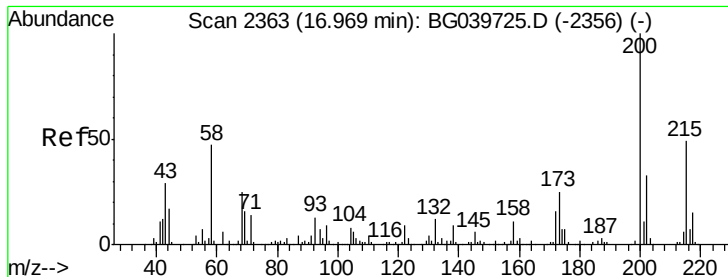
#68
 Hexachlorobenzene
 Concen: 39.247 ng
 RT: 16.82 min Scan# 2337
 Delta R.T. -0.01 min
 Lab File: BG039840.D
 Acq: 11 Mar 2019 13:56

Tgt Ion:284 Resp: 140769
 Ion Ratio Lower Upper
 284 100
 142 36.1 30.6 45.8
 249 34.2 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: 41.322 ng

RT: 16.97 min Scan# 2362

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

Instrument :

BNA_G

ClientSampleId :

PB117780BS

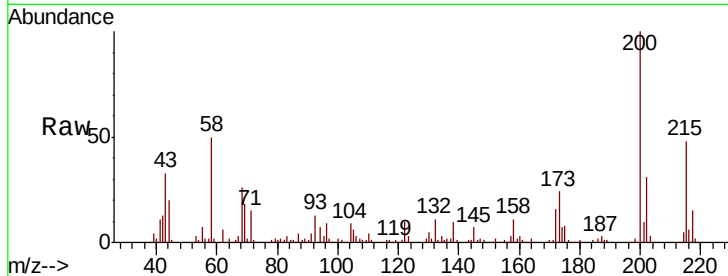
Tgt Ion:200 Resp: 145544

Ion Ratio Lower Upper

200 100

173 23.8 3.9 43.9

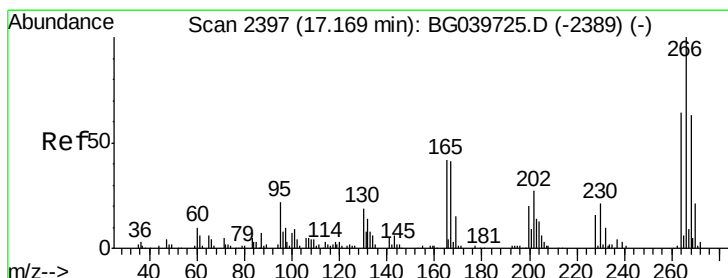
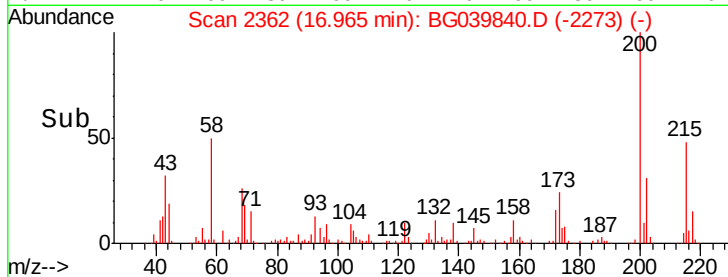
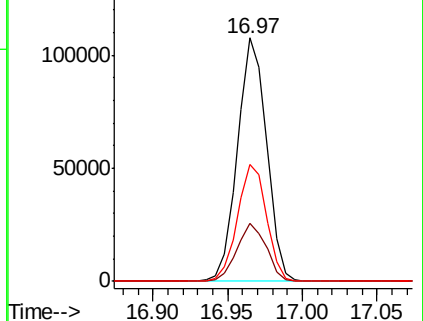
215 47.9 30.9 70.9



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: 77.367 ng

RT: 17.16 min Scan# 2396

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

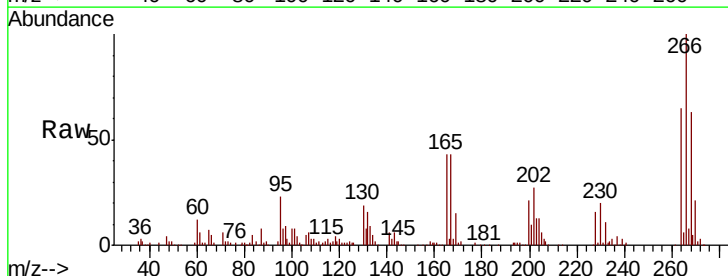
Tgt Ion:266 Resp: 175254

Ion Ratio Lower Upper

266 100

268 62.8 51.1 76.7

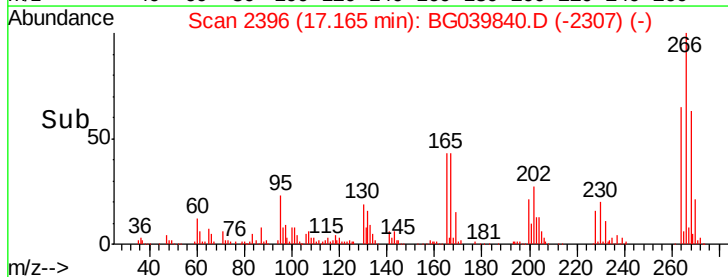
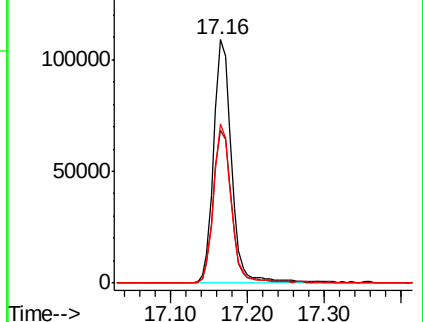
264 65.4 52.1 78.1

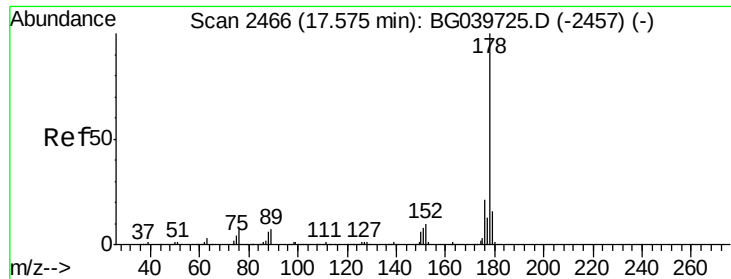


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

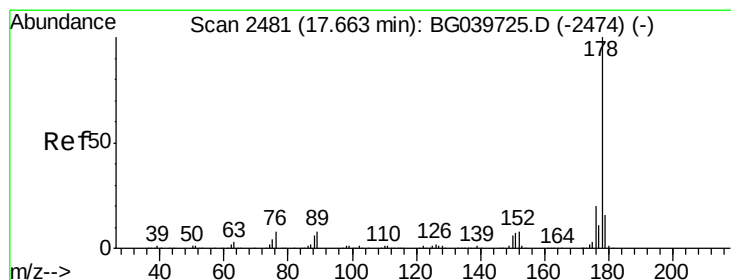
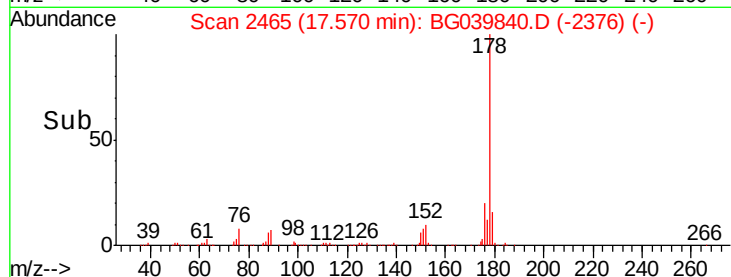
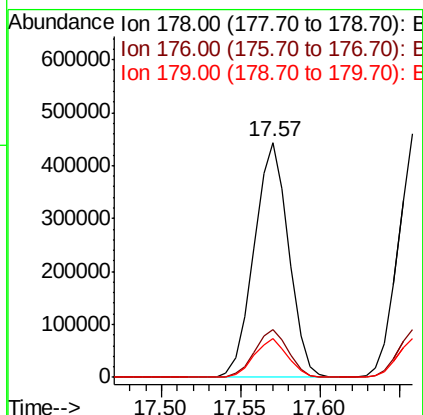
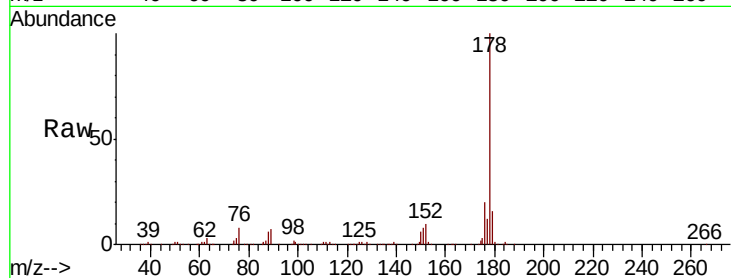




#71
Phenanthrene
Concen: 39.421 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

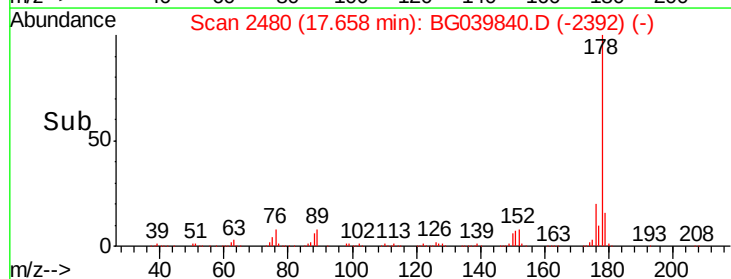
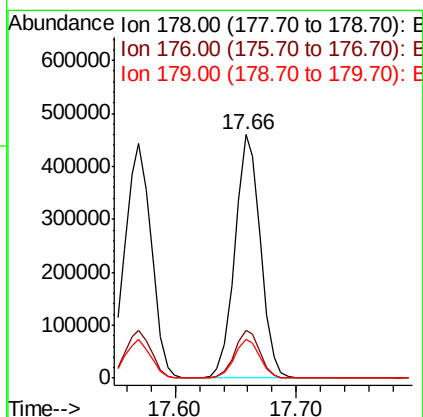
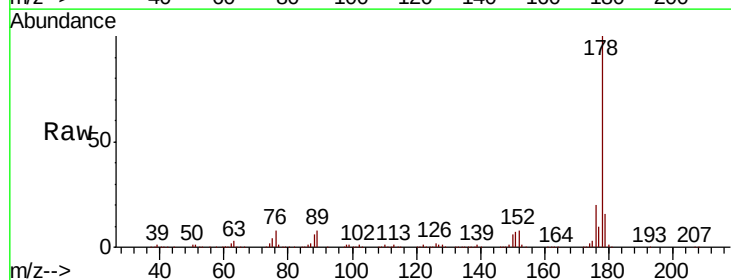
Instrument :
BNA_G
ClientSampleId :
PB117780BS

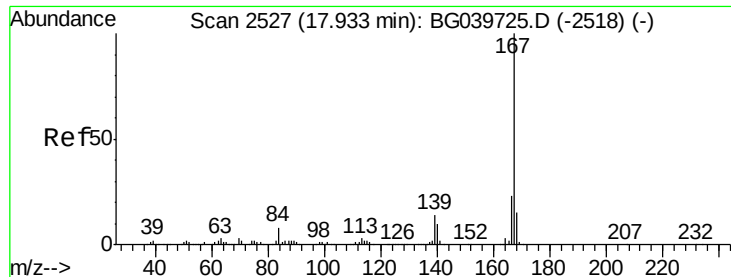
Tgt Ion:178 Resp: 671250
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.4
179 16.3 12.6 19.0



#72
Anthracene
Concen: 40.622 ng
RT: 17.66 min Scan# 2480
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Tgt Ion:178 Resp: 674046
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 15.8 12.5 18.7

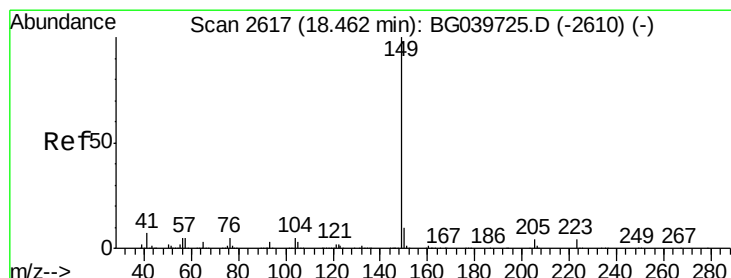
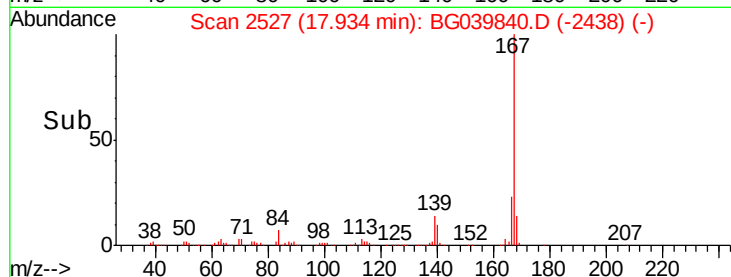
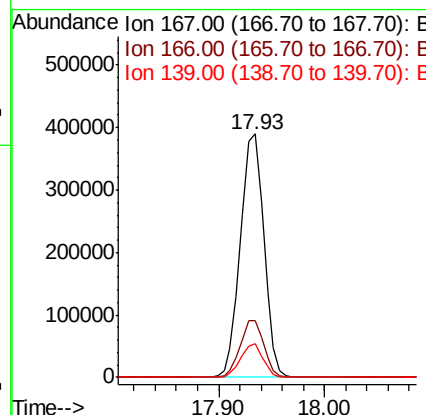
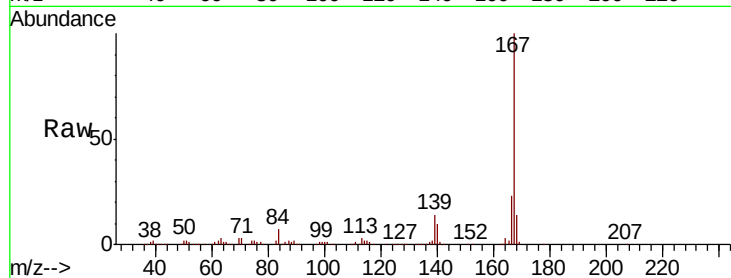




#73
 Carbazole
 Concen: 40.026 ng
 RT: 17.93 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BG039840.D
 Acq: 11 Mar 2019 13:56

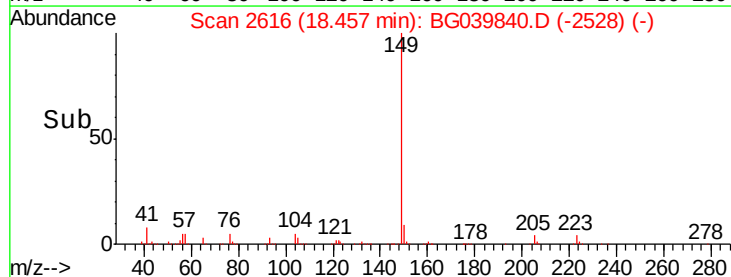
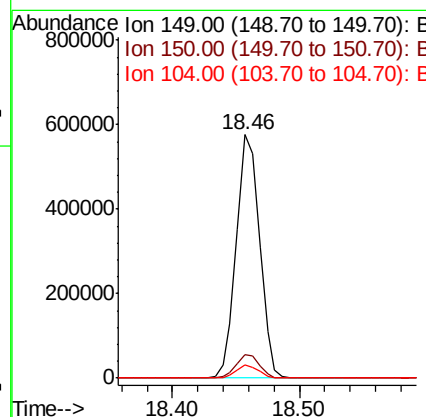
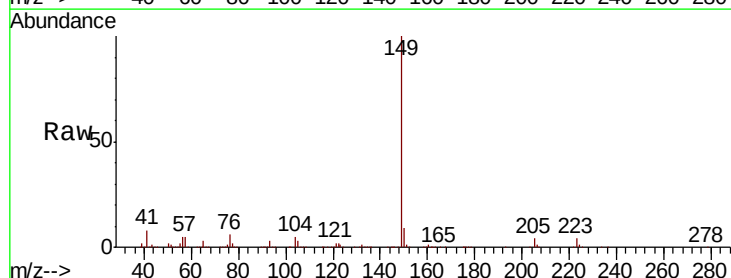
Instrument :
 BNA_G
 ClientSampleId :
 PB117780BS

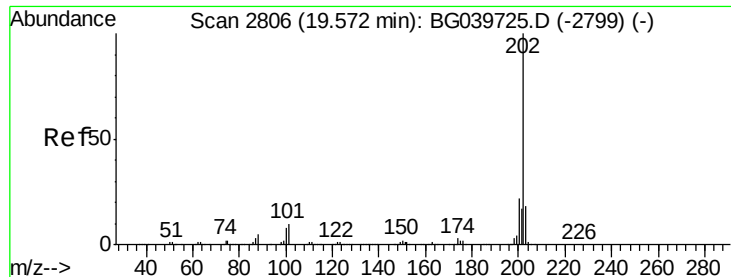
Tgt Ion:167 Resp: 598750
 Ion Ratio Lower Upper
 167 100
 166 23.3 19.4 29.2
 139 13.8 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 41.461 ng
 RT: 18.46 min Scan# 2616
 Delta R.T. -0.01 min
 Lab File: BG039840.D
 Acq: 11 Mar 2019 13:56

Tgt Ion:149 Resp: 729721
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 5.4 4.5 6.7





#75

Fluoranthene

Concen: 40.568 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

Instrument :

BNA_G

ClientSampleId :

PB117780BS

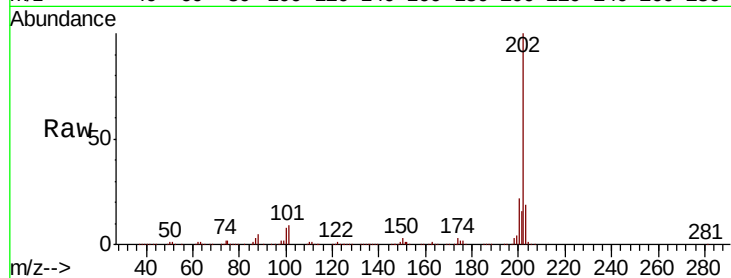
Tgt Ion:202 Resp: 816377

Ion Ratio Lower Upper

202 100

101 9.3 0.0 30.0

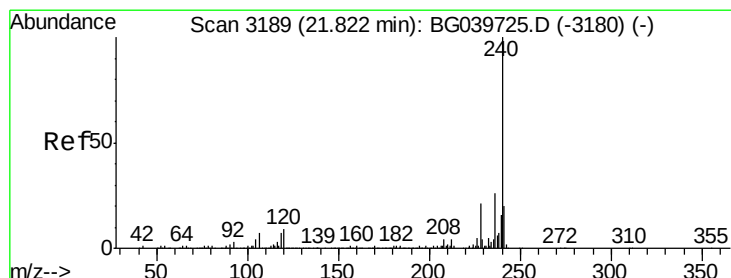
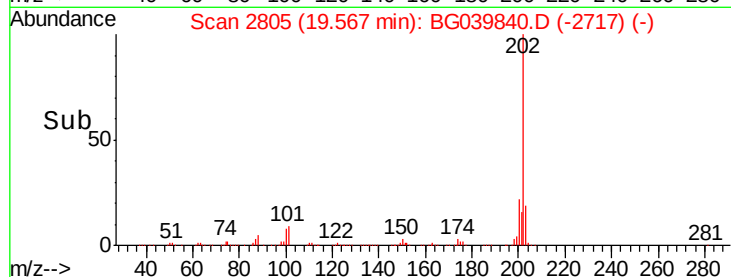
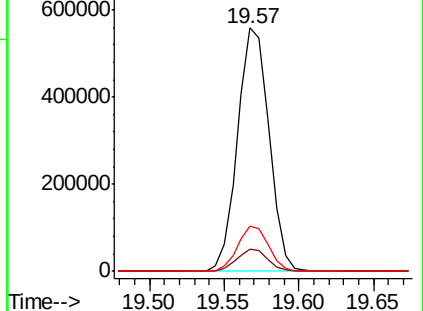
203 18.6 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

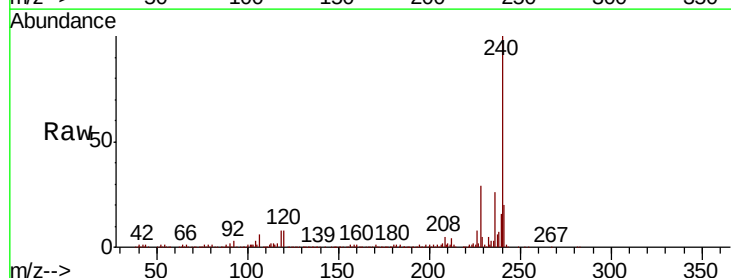
Tgt Ion:240 Resp: 325136

Ion Ratio Lower Upper

240 100

120 7.6 7.0 10.6

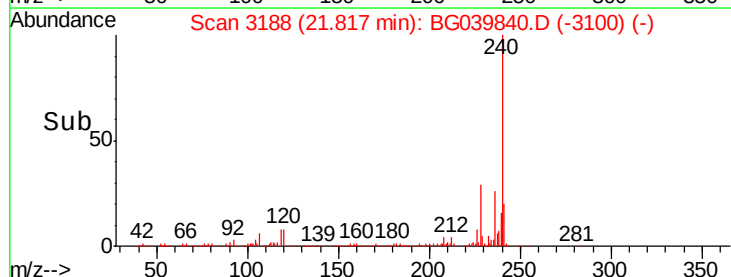
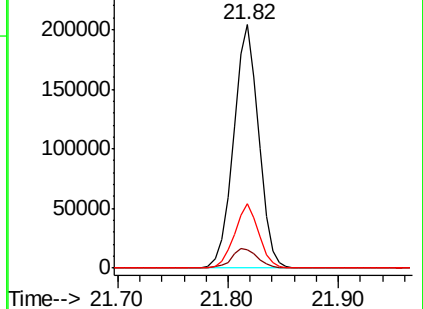
236 26.4 21.0 31.4

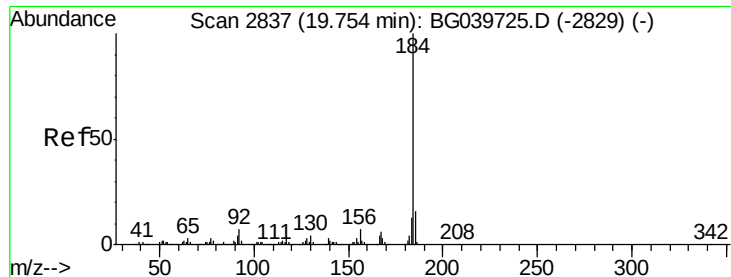


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 27.020 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

Instrument :

BNA_G

ClientSampleId :

PB117780BS

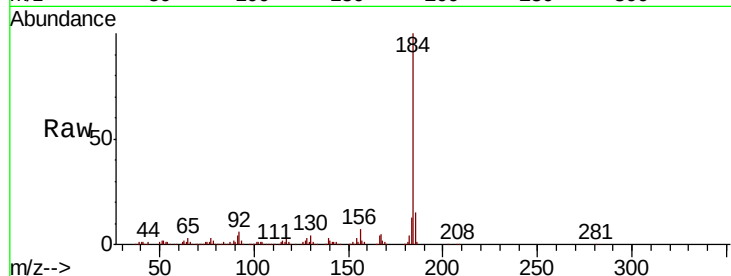
Tgt Ion:184 Resp: 278782

Ion Ratio Lower Upper

184 100

185 15.2 12.2 18.2

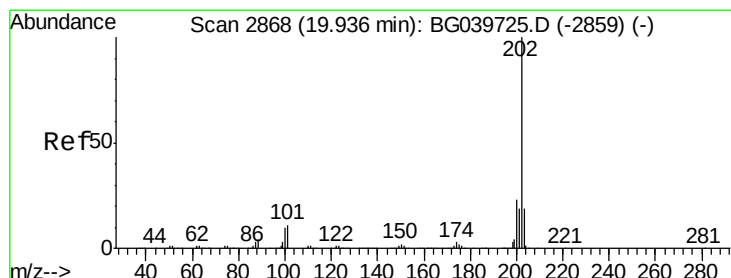
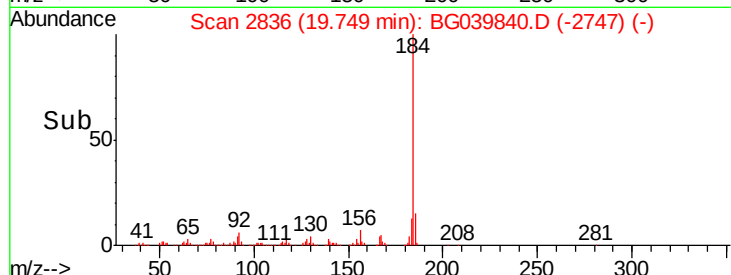
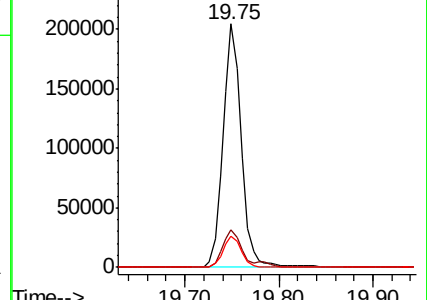
183 12.6 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.919 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

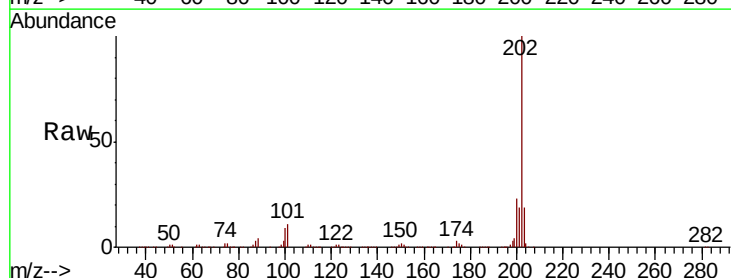
Tgt Ion:202 Resp: 801129

Ion Ratio Lower Upper

202 100

200 22.6 17.8 26.8

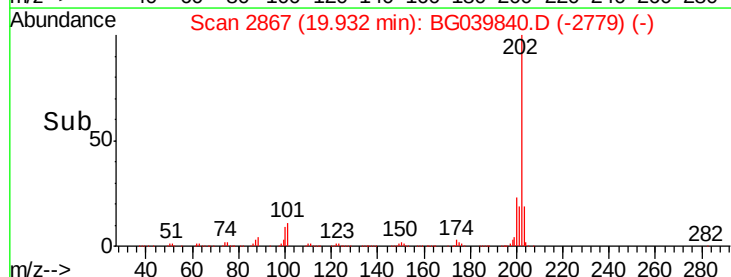
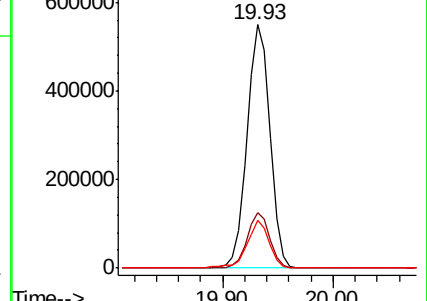
203 19.5 15.3 22.9

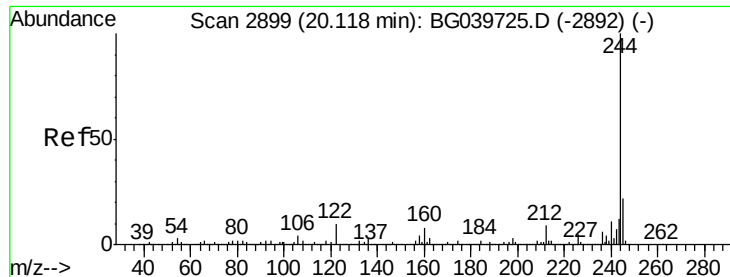


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.894 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

Instrument :

BNA_G

ClientSampleId :

PB117780BS

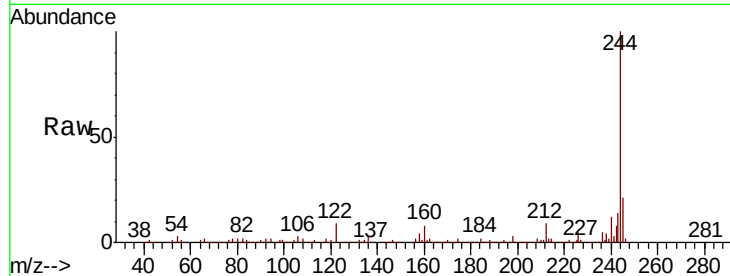
Tgt Ion:244 Resp: 1091177

Ion Ratio Lower Upper

244 100

212 8.6 7.3 10.9

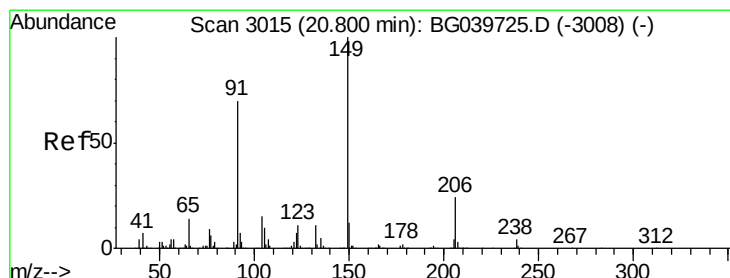
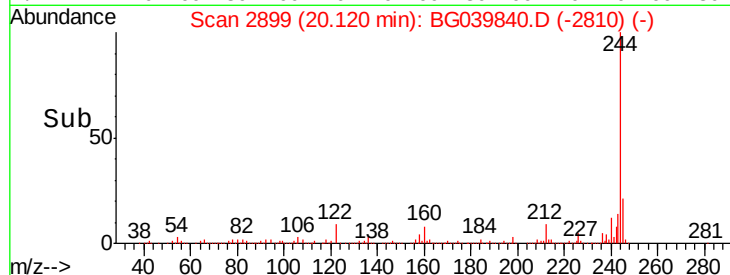
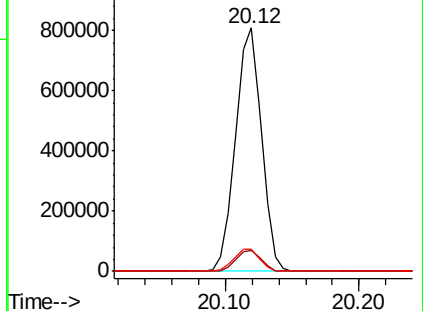
122 8.9 8.4 12.6



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: 41.741 ng

RT: 20.80 min Scan# 3014

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

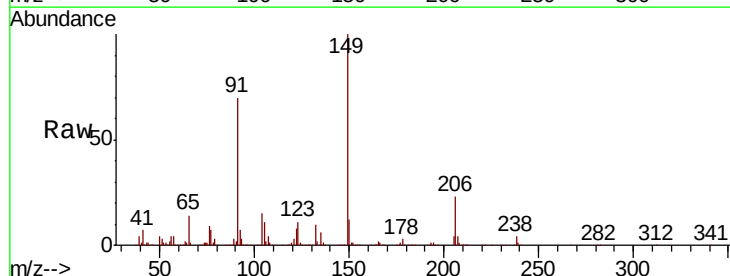
Tgt Ion:149 Resp: 341669

Ion Ratio Lower Upper

149 100

91 69.8 59.5 89.3

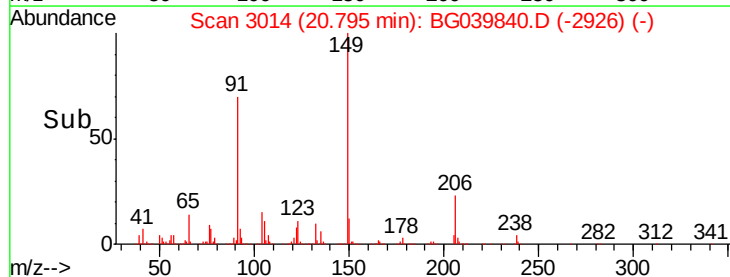
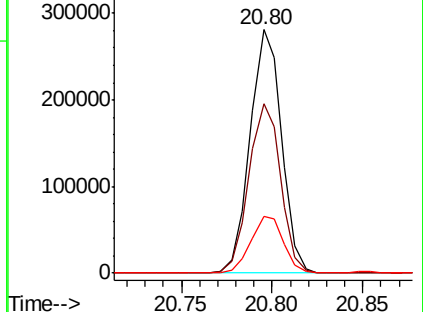
206 23.4 18.6 27.8

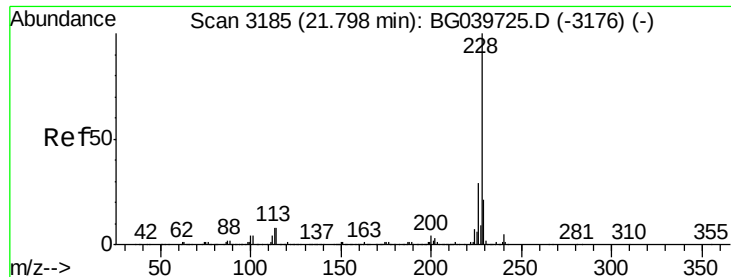


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.008 ng

RT: 21.79 min Scan# 3184

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

Instrument :

BNA_G

ClientSampleId :

PB117780BS

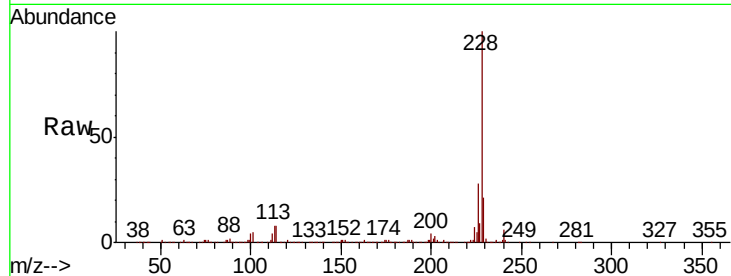
Tgt Ion:228 Resp: 774494

Ion Ratio Lower Upper

228 100

226 28.5 23.0 34.6

229 20.6 16.9 25.3

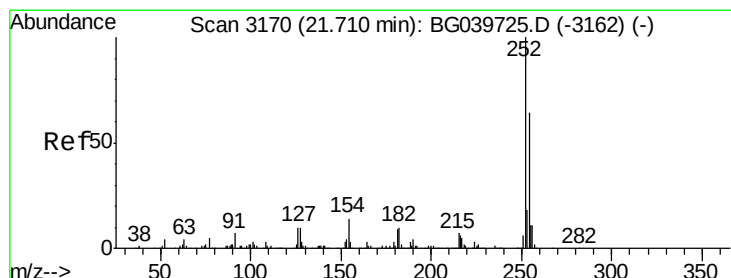
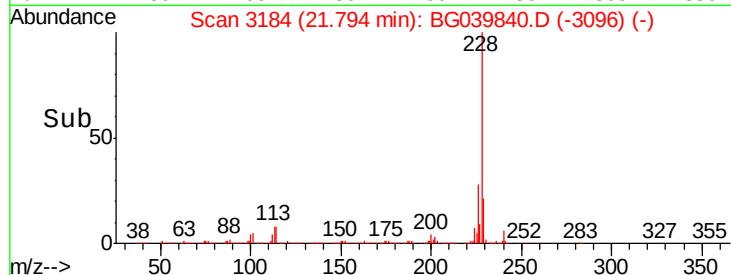
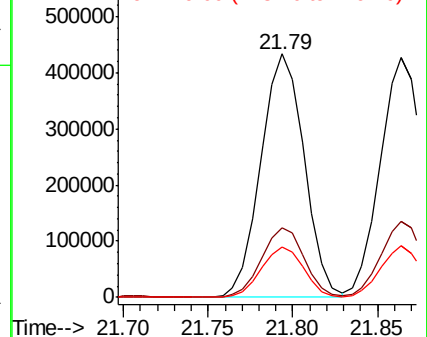


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.543 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

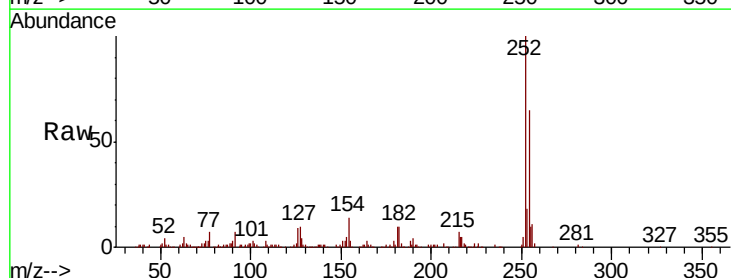
Tgt Ion:252 Resp: 204911

Ion Ratio Lower Upper

252 100

254 64.6 51.3 76.9

126 9.2 8.0 12.0

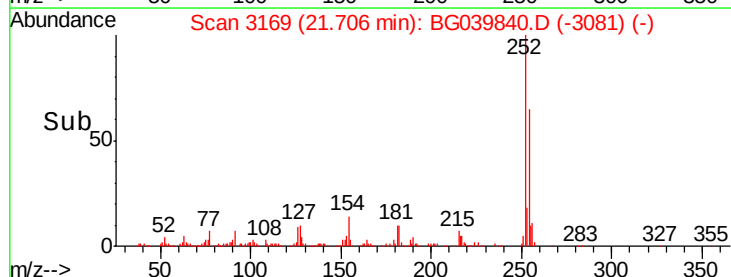
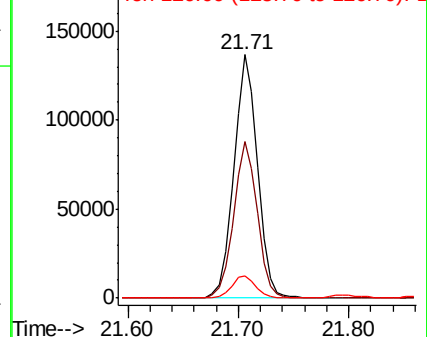


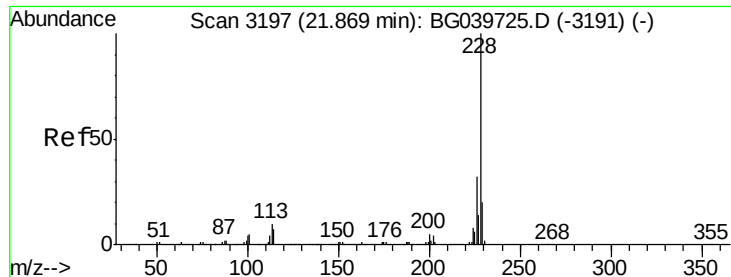
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.723 ng

RT: 21.86 min Scan# 3196

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

Instrument :

BNA_G

ClientSampleId :

PB117780BS

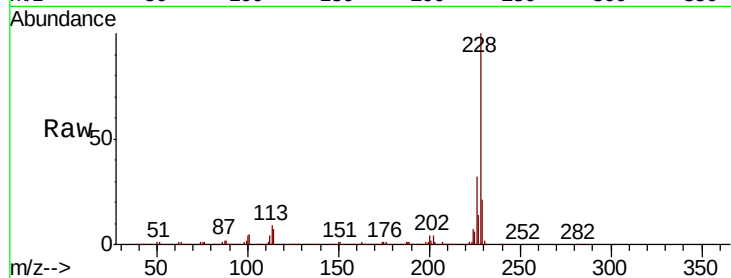
Tgt Ion:228 Resp: 745224

Ion Ratio Lower Upper

228 100

226 31.8 25.8 38.6

229 21.3 16.6 25.0

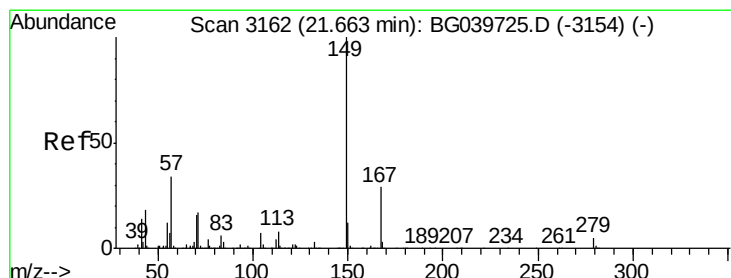
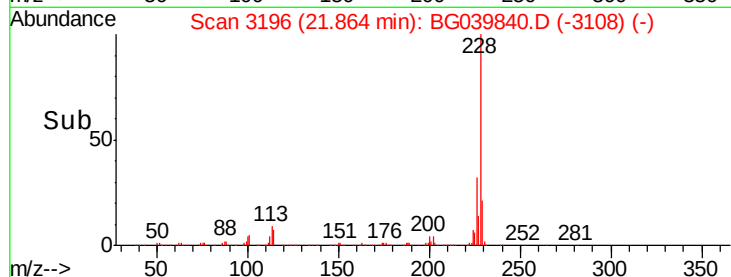
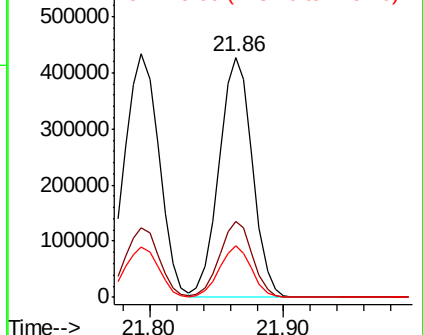


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.031 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

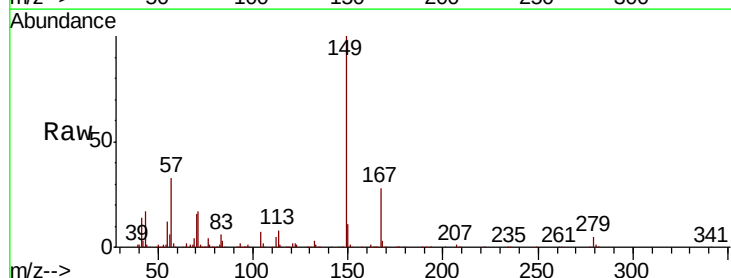
Tgt Ion:149 Resp: 471949

Ion Ratio Lower Upper

149 100

167 28.1 22.6 34.0

279 4.9 3.5 5.3

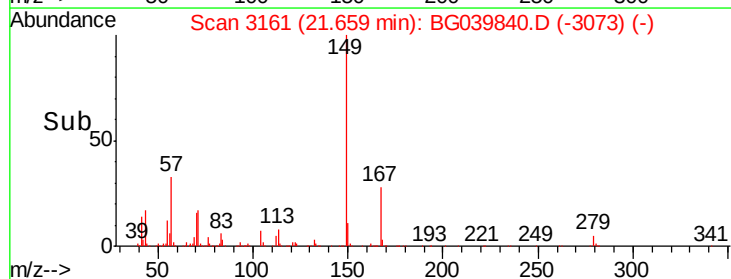
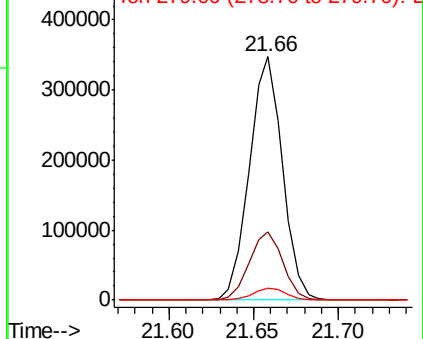


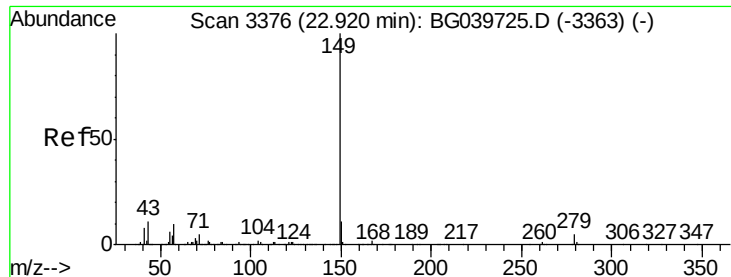
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

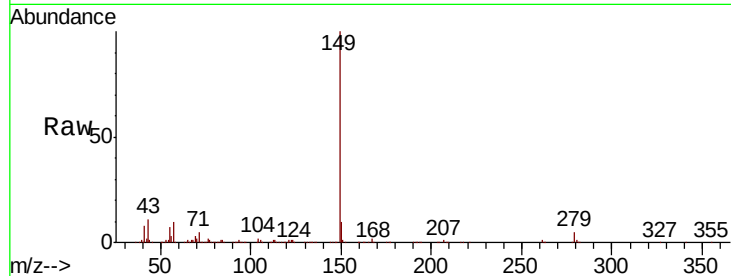




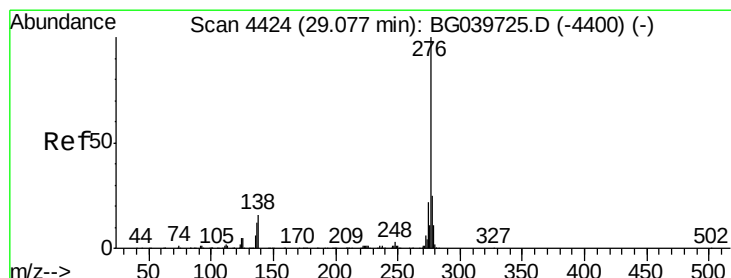
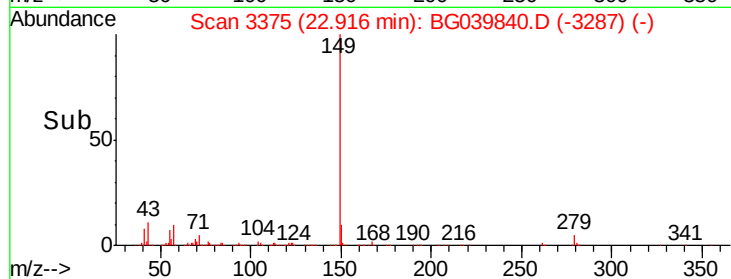
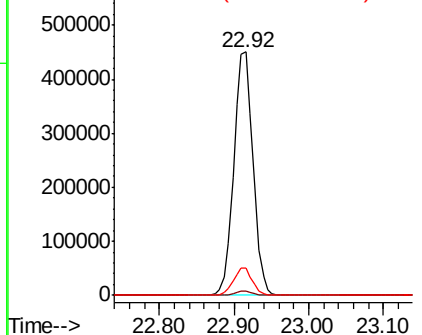
#85
 Di-n-octyl phthalate
 Concen: 42.268 ng
 RT: 22.92 min Scan# 3375
 Delta R.T. -0.01 min
 Lab File: BG039840.D
 Acq: 11 Mar 2019 13:56

Instrument :
 BNA_G
 ClientSampleId :
 PB117780BS

Tgt Ion:149 Resp: 805011
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 10.8 10.2 15.4

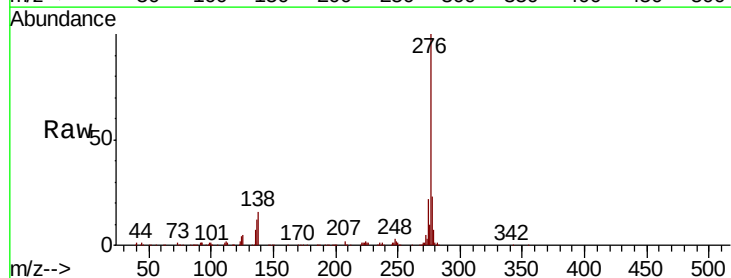


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BGC

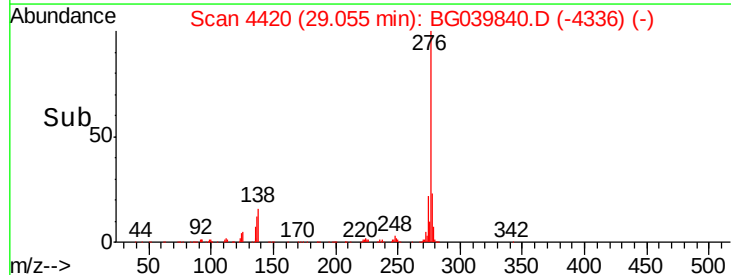
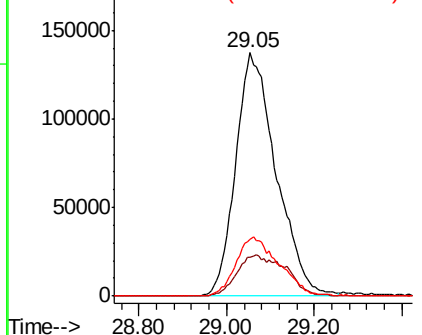


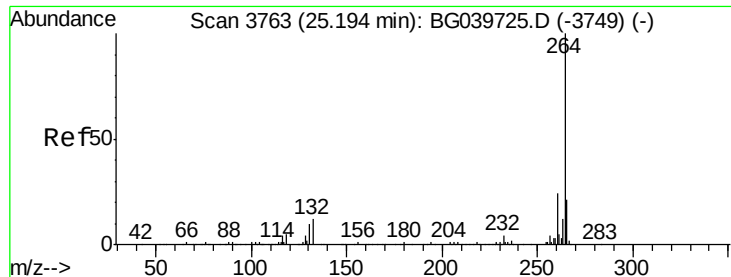
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 38.497 ng
 RT: 29.05 min Scan# 4420
 Delta R.T. -0.03 min
 Lab File: BG039840.D
 Acq: 11 Mar 2019 13:56

Tgt Ion:276 Resp: 862773
 Ion Ratio Lower Upper
 276 100
 138 20.5 12.6 19.0#
 277 25.7 20.8 31.2



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





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.18 min Scan# 3761

Delta R.T. -0.02 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

Instrument :

BNA_G

ClientSampleId :

PB117780BS

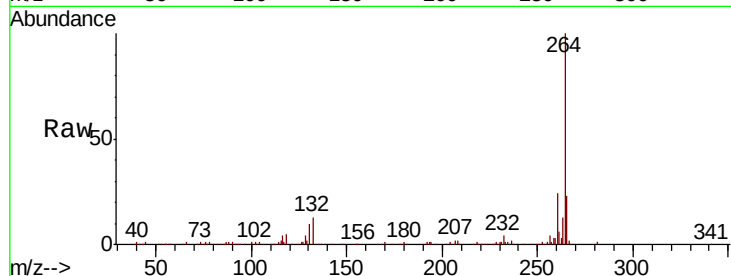
Tgt Ion:264 Resp: 296579

Ion Ratio Lower Upper

264 100

260 24.4 18.2 27.4

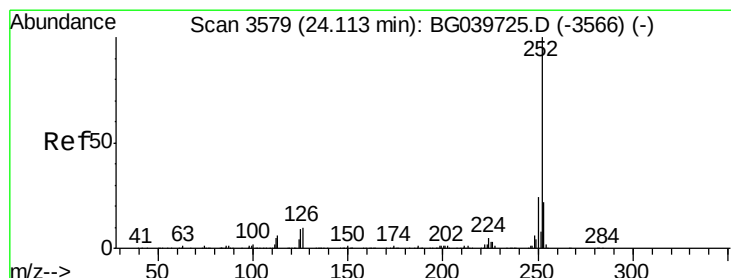
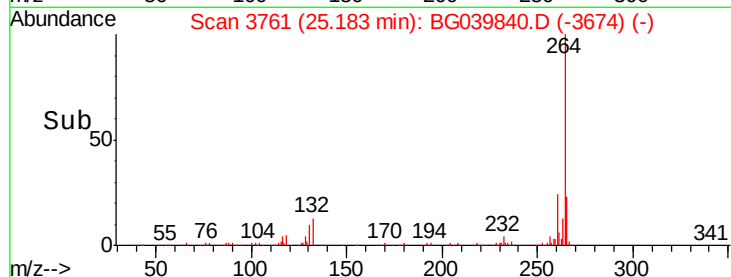
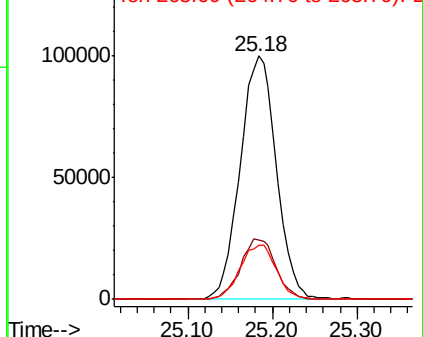
265 22.5 18.5 27.7



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: 43.135 ng

RT: 24.11 min Scan# 3578

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

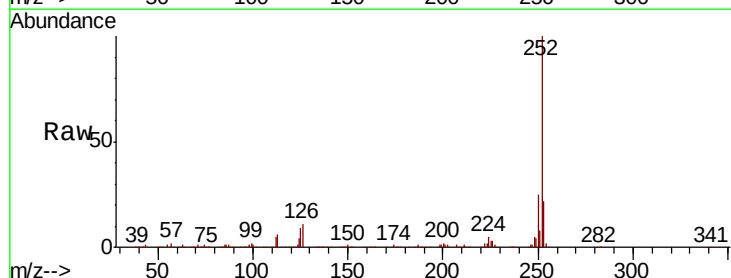
Tgt Ion:252 Resp: 762870

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

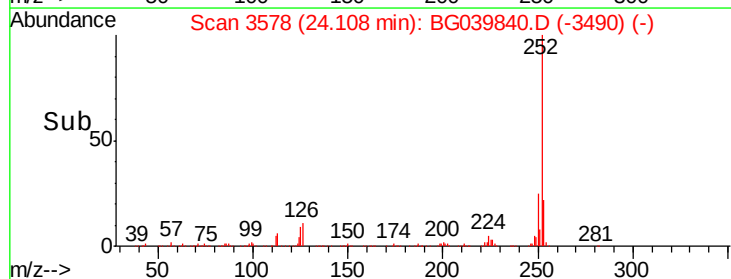
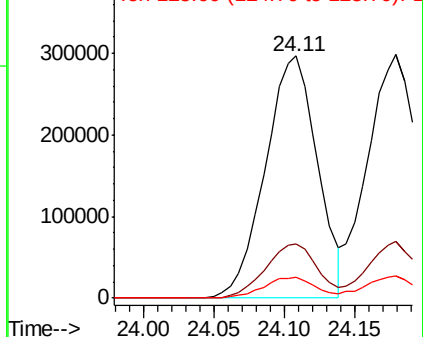
125 8.7 7.8 11.6

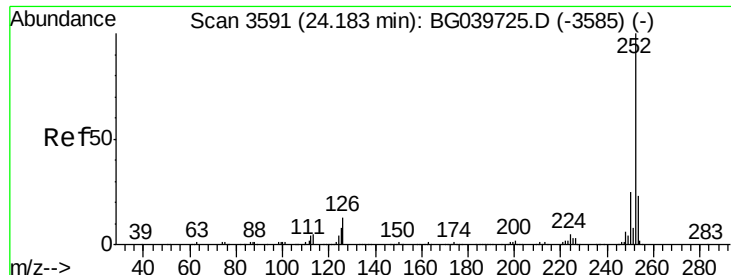


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

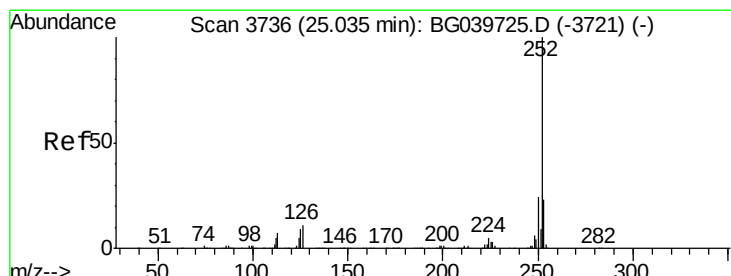
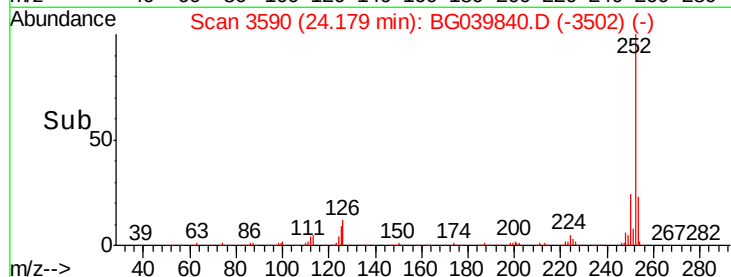
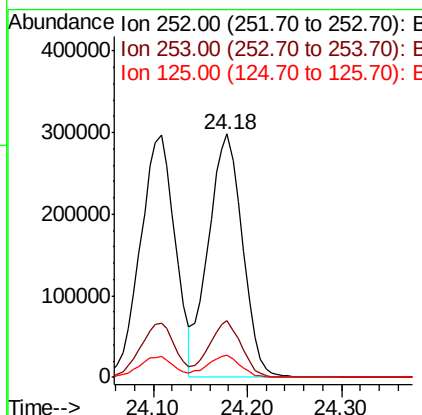
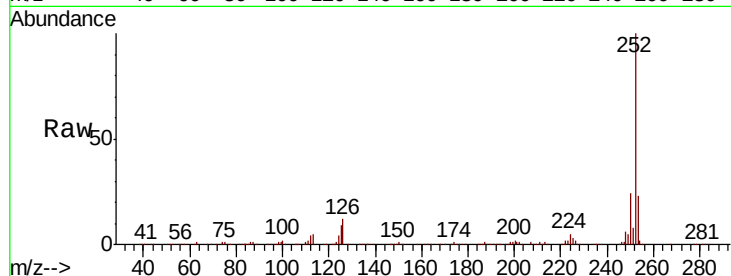




#89
Benzo(k)fluoranthene
Concen: 45.667 ng
RT: 24.18 min Scan# 3590
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

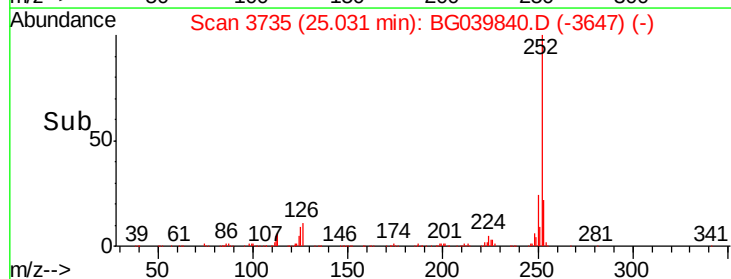
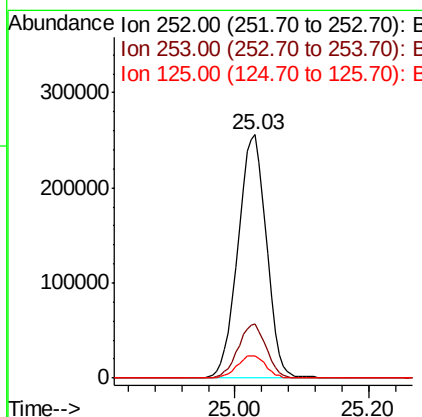
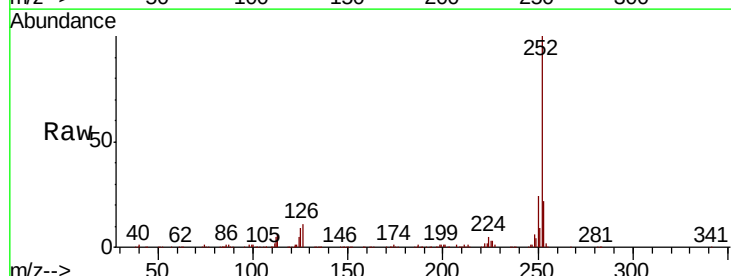
Instrument :
BNA_G
ClientSampleId :
PB117780BS

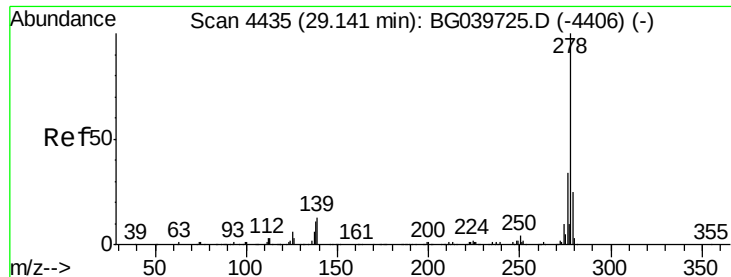
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	9.0	7.4	11.2



#90
Benzo(a)pyrene
Concen: 46.088 ng
RT: 25.03 min Scan# 3735
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	9.3	8.3	12.5

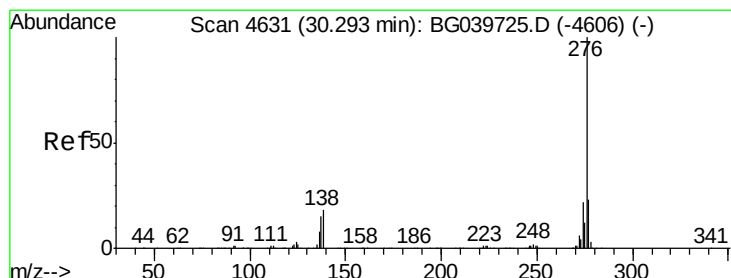
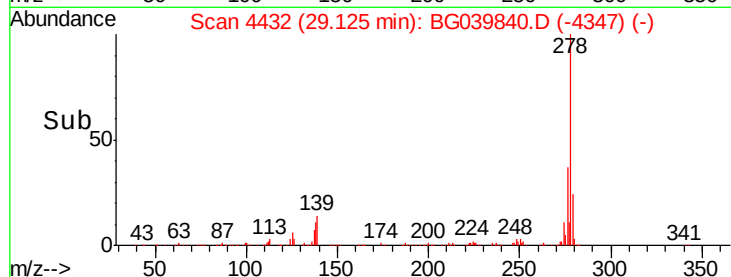
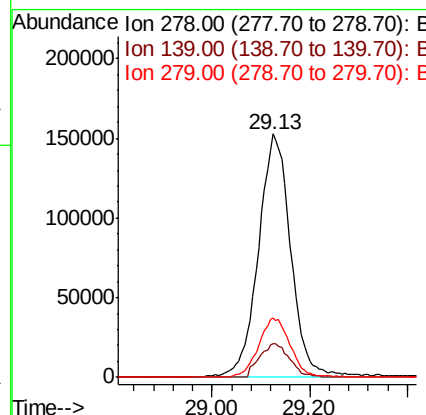
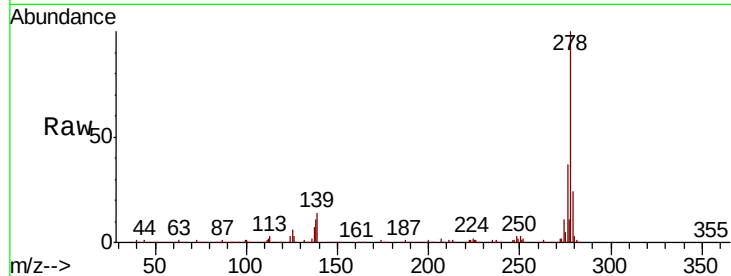




#91
Dibenzo(a,h)anthracene
Concen: 43.943 ng
RT: 29.13 min Scan# 4432
Delta R.T. -0.03 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Instrument :
BNA_G
ClientSampleId :
PB117780BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.9	11.7	17.5
279	24.1	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 44.768 ng
RT: 30.29 min Scan# 4631
Delta R.T. -0.02 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.6	29.4
138	15.5	14.7	22.1

