

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031519\
 Data File : BG039942.D
 Acq On : 15 Mar 2019 15:31
 Operator : JU/SJ
 Sample : PB117964BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117964BS

Quant Time: Mar 16 04:06:47 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	36822	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	158663	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	102221	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	254573	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	278611	20.00	ng	-0.02
87) Perylene-d12	25.18	264	262141	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	300960	139.44	ng	-0.01
7) Phenol-d6	7.29	99	417505	129.73	ng	-0.02
23) Nitrobenzene-d5	9.33	82	235461	80.26	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	159449	133.83	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	568289	79.16	ng	-0.02
79) Terphenyl-d14	20.11	244	996949	78.79	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	38609	38.746	ng	100
3) Pyridine	3.98	79	96317	36.105	ng	97
4) n-Nitrosodimethylamine	3.90	42	52977	41.861	ng	# 93
6) Aniline	7.47	93	114973	27.268	ng	98
8) 2-Chlorophenol	7.71	128	110917	42.359	ng	96
9) Benzaldehyde	7.29	77	46203	22.256	ng	97
10) Phenol	7.32	94	148964	42.727	ng	99
11) bis(2-Chloroethyl)ether	7.56	93	106365	39.130	ng	97
12) 1,3-Dichlorobenzene	8.03	146	117328	39.618	ng	97
13) 1,4-Dichlorobenzene	8.18	146	119581	39.642	ng	97
14) 1,2-Dichlorobenzene	8.50	146	113827	39.055	ng	96
15) Benzyl Alcohol	8.39	79	106385	41.672	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.66	45	219533	40.381	ng	100
17) 2-Methylphenol	8.58	107	96143	43.248	ng	98
18) Hexachloroethane	9.23	117	42051	38.851	ng	95
19) n-Nitroso-di-n-propylamine	8.95	70	87839	37.920	ng	93
20) 3+4-Methylphenols	8.91	107	132841	43.014	ng	96
22) Acetophenone	8.97	105	164153	38.547	ng	# 98
24) Nitrobenzene	9.37	77	128407	41.723	ng	99
25) Isophorone	9.88	82	242849	39.507	ng	99
26) 2-Nitrophenol	10.08	139	63660	42.842	ng	97
27) 2,4-Dimethylphenol	10.12	122	113077	48.930	ng	93
28) bis(2-Chloroethoxy)methane	10.36	93	149449	40.008	ng	100
29) 2,4-Dichlorophenol	10.61	162	119818	46.049	ng	92
30) 1,2,4-Trichlorobenzene	10.82	180	123392	42.144	ng	99
31) Naphthalene	11.02	128	343771	40.923	ng	98
32) Benzoic acid	10.25	122	58314	38.297	ng	95
33) 4-Chloroaniline	11.13	127	77976	21.890	ng	98
34) Hexachlorobutadiene	11.28	225	80587	40.279	ng	94
35) Caprolactam	11.91	113	22697	22.836	ng	# 83
36) 4-Chloro-3-methylphenol	12.23	107	122462	41.058	ng	97
37) 2-Methylnaphthalene	12.61	142	260187	41.428	ng	99
38) 1-Methylnaphthalene	12.83	142	244645	40.083	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	145089	41.897	ng	99

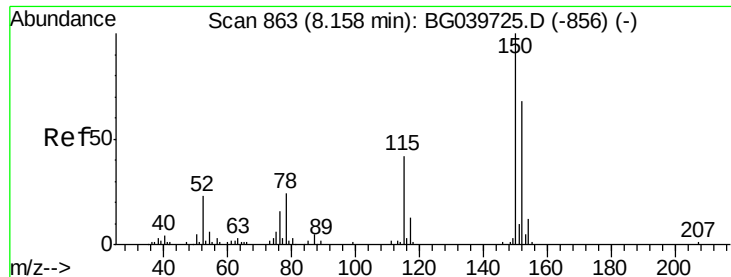
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031519\
 Data File : BG039942.D
 Acq On : 15 Mar 2019 15:31
 Operator : JU/SJ
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 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	187416	100.988	ng	99
43) 2,4,6-Trichlorophenol	13.21	196	94356	46.540	ng	97
44) 2,4,5-Trichlorophenol	13.29	196	99950	43.737	ng	95
46) 1,1'-Biphenyl	13.61	154	349909	41.618	ng	98
47) 2-Chloronaphthalene	13.66	162	264533	41.824	ng	99
48) 2-Nitroaniline	13.87	65	88889	43.731	ng	99
49) Acenaphthylene	14.50	152	422587	40.700	ng	99
50) Dimethylphthalate	14.22	163	348500	40.772	ng	100
51) 2,6-Dinitrotoluene	14.36	165	74814	41.287	ng	99
52) Acenaphthene	14.84	154	256269	41.008	ng	99
53) 3-Nitroaniline	14.68	138	53068	29.134	ng	# 98
54) 2,4-Dinitrophenol	14.89	184	79450	70.214	ng	97
55) Dibenzofuran	15.17	168	422721	41.228	ng	99
56) 4-Nitrophenol	14.98	139	133519	81.941	ng	92
57) 2,4-Dinitrotoluene	15.14	165	108233	42.509	ng	90
58) Fluorene	15.82	166	329591	40.890	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.39	232	101708	45.571	ng	98
60) Diethylphthalate	15.57	149	353719	41.803	ng	98
61) 4-Chlorophenyl-phenylether	15.81	204	178385	41.473	ng	95
62) 4-Nitroaniline	15.85	138	83356	42.212	ng	98
63) Azobenzene	16.10	77	322892	42.097	ng	97
65) 4,6-Dinitro-2-methylphenol	15.89	198	61970	41.170	ng	98
66) n-Nitrosodiphenylamine	16.02	169	304482	41.314	ng	99
67) 4-Bromophenyl-phenylether	16.70	248	115886	40.668	ng	97
68) Hexachlorobenzene	16.81	284	118224	40.025	ng	98
69) Atrazine	16.96	200	126553	43.631	ng	96
70) Pentachlorophenol	17.16	266	150642	80.755	ng	97
71) Phenanthrene	17.56	178	573912	40.929	ng	99
72) Anthracene	17.66	178	578619	42.345	ng	99
73) Carbazole	17.93	167	523694	42.512	ng	98
74) Di-n-butylphthalate	18.46	149	643613	44.406	ng	99
75) Fluoranthene	19.57	202	723217	43.642	ng	99
77) Benzidine	19.75	184	278578	31.509	ng	100
78) Pyrene	19.93	202	726821	40.146	ng	99
80) Butylbenzylphthalate	20.79	149	305837	43.603	ng	94
81) Benzo(a)anthracene	21.79	228	706307	40.450	ng	98
82) 3,3'-Dichlorobenzidine	21.70	252	168967	26.504	ng	97
83) Chrysene	21.86	228	682645	40.326	ng	98
84) Bis(2-ethylhexyl)phthalate	21.65	149	428426	43.466	ng	# 98
85) Di-n-octyl phthalate	22.90	149	737992	45.220	ng	96
86) Indeno(1,2,3-cd)pyrene	29.04	276	810925	42.226	ng	# 97
88) Benzo(b)fluoranthene	24.09	252	706640	45.205	ng	99
89) Benzo(k)fluoranthene	24.17	252	685313	47.097	ng	99
90) Benzo(a)pyrene	25.02	252	696613	48.226	ng	# 97
91) Dibenzo(a,h)anthracene	29.11	278	656254	46.342	ng	97
92) Benzo(g,h,i)perylene	30.27	276	668020	46.970	ng	99

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

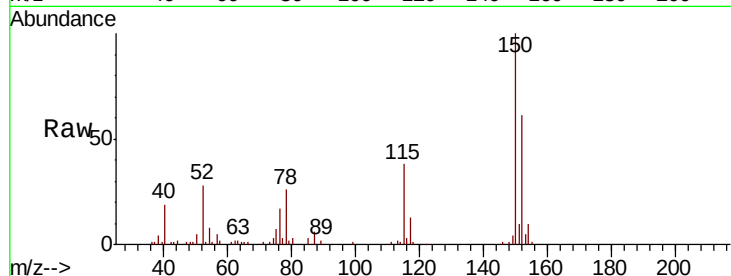


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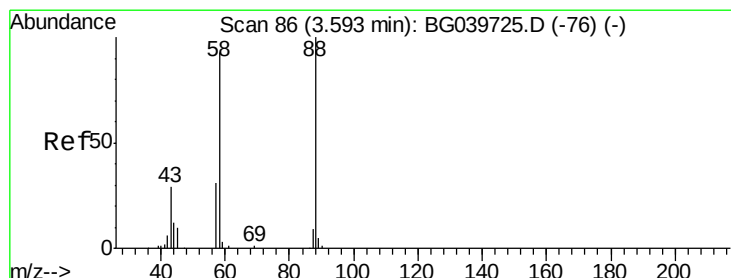
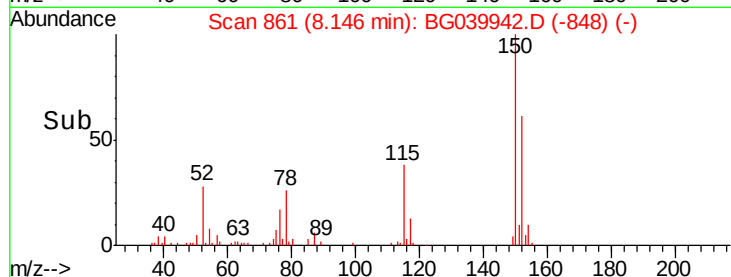
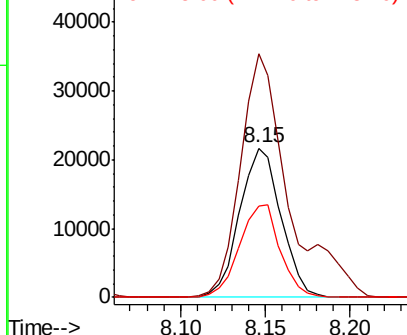
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039942.D
Acq: 15 Mar 2019 15:31

Instrument :
BNA_G
ClientSampleId :
PB117964BS

Tgt Ion:152 Resp: 36822
Ion Ratio Lower Upper
152 100
150 163.5 123.7 185.5
115 61.7 45.9 68.9



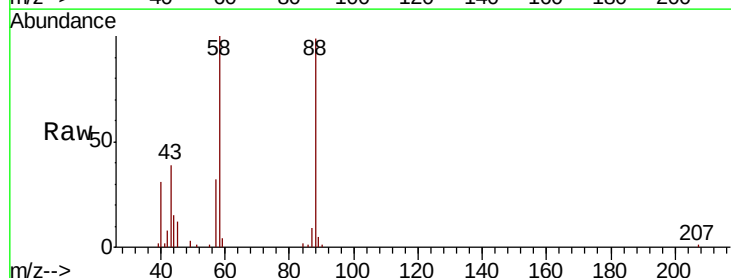
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



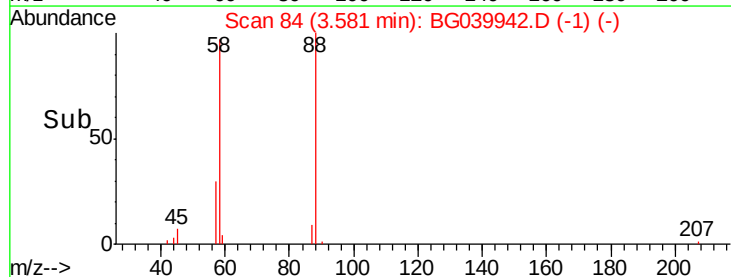
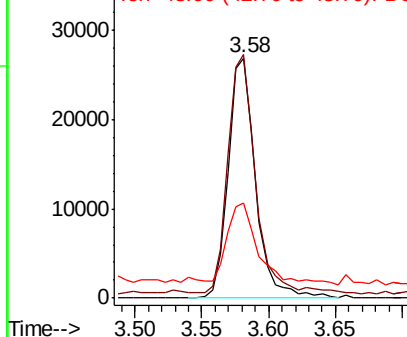
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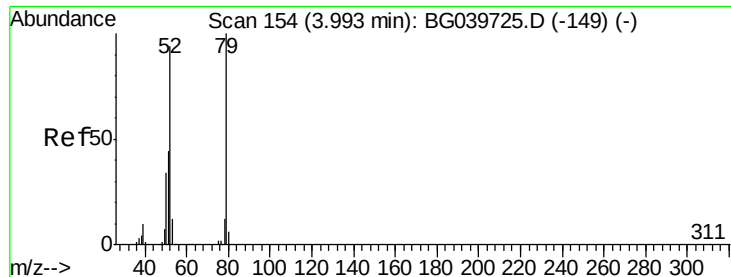
1,4-Dioxane
Concen: 38.746 ng
RT: 3.58 min Scan# 84
Delta R.T. -0.02 min
Lab File: BG039942.D
Acq: 15 Mar 2019 15:31

Tgt Ion: 88 Resp: 38609
Ion Ratio Lower Upper
88 100
58 101.0 81.1 121.7
43 38.8 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: 36.105 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.02 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

Instrument :

BNA_G

ClientSampleId :

PB117964BS

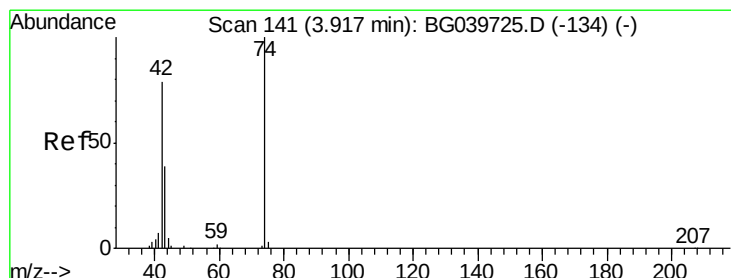
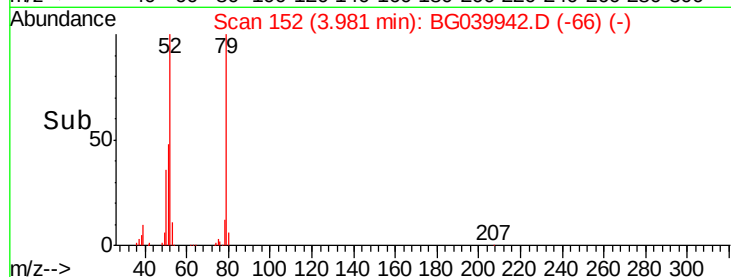
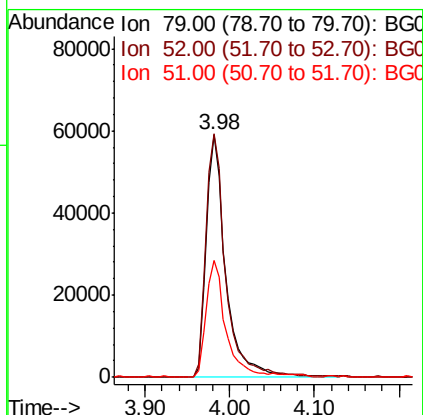
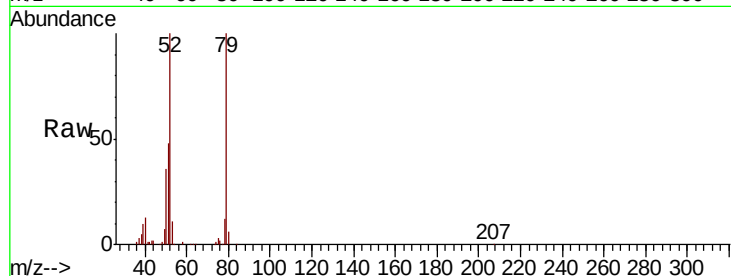
Tgt Ion: 79 Resp: 96317

Ion Ratio Lower Upper

79 100

52 100.3 82.6 124.0

51 48.4 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 41.861 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.02 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

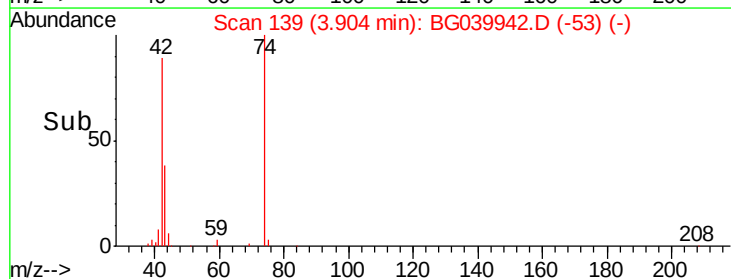
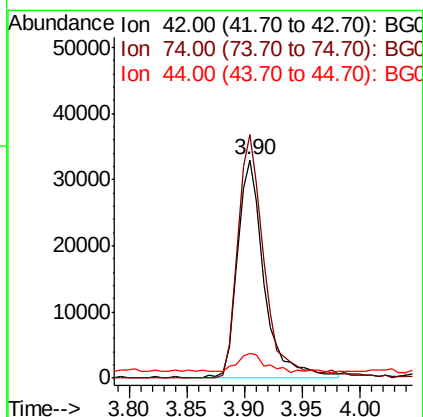
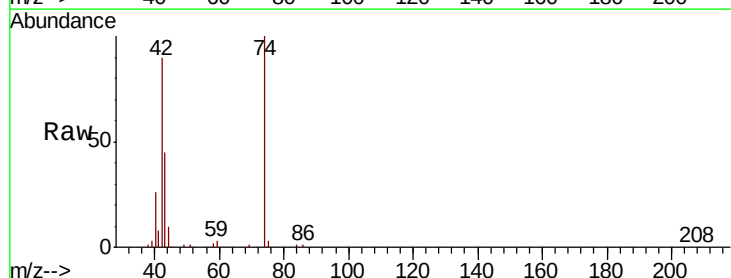
Tgt Ion: 42 Resp: 52977

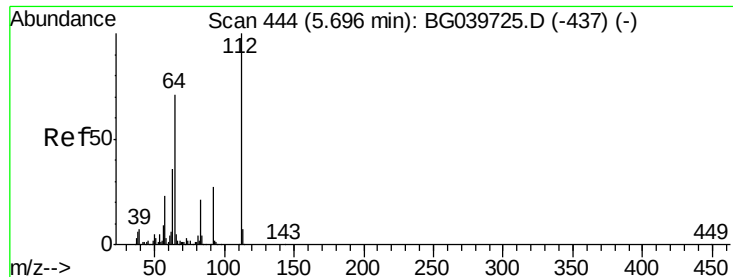
Ion Ratio Lower Upper

42 100

74 111.6 83.6 125.4

44 11.3 6.9 10.3#





#5

2-Fluorophenol

Concen: 139.439 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

Instrument :

BNA_G

ClientSampleId :

PB117964BS

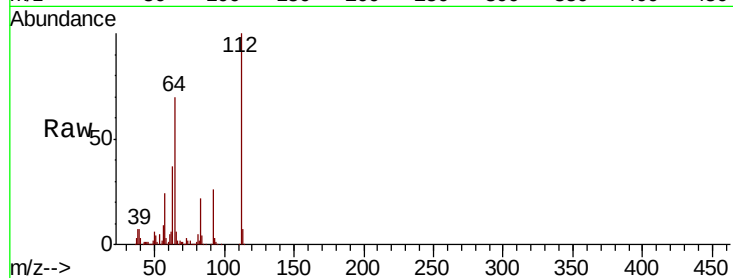
Tgt Ion: 112 Resp: 300960

Ion Ratio Lower Upper

112 100

64 69.9 57.8 86.8

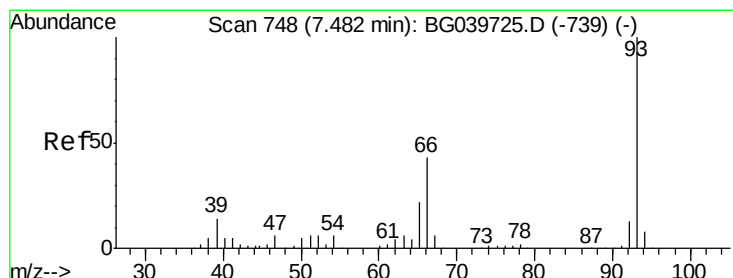
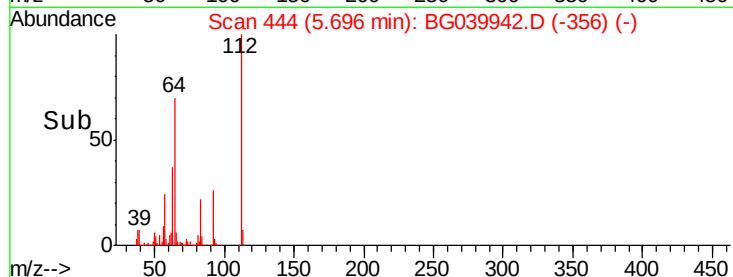
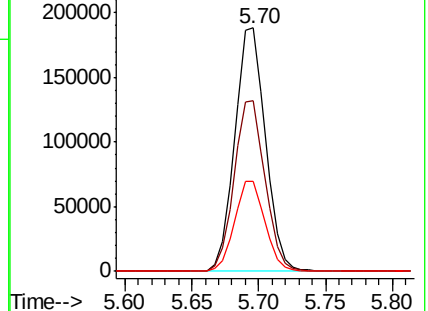
63 37.1 29.8 44.6



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: 27.268 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

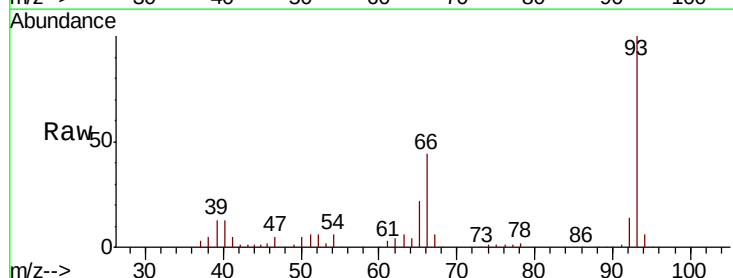
Tgt Ion: 93 Resp: 114973

Ion Ratio Lower Upper

93 100

66 44.4 34.2 51.4

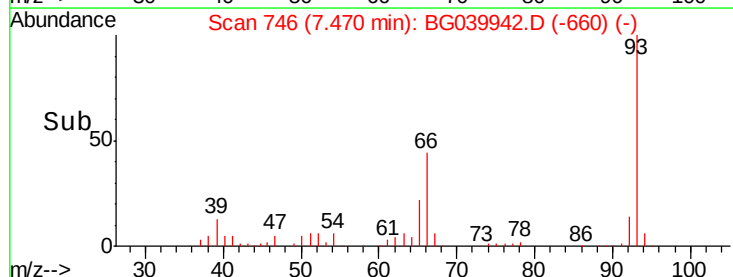
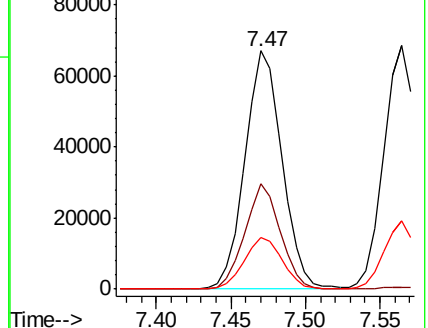
65 21.7 17.7 26.5

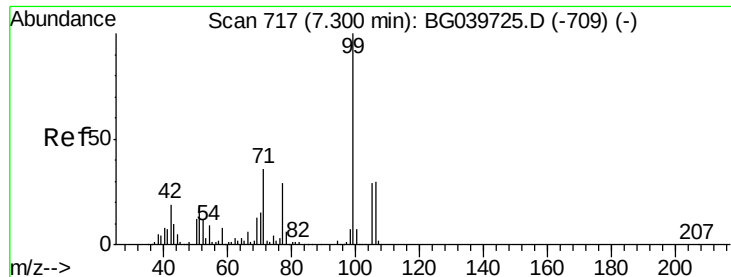


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 129.730 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

Instrument :

BNA_G

ClientSampleId :

PB117964BS

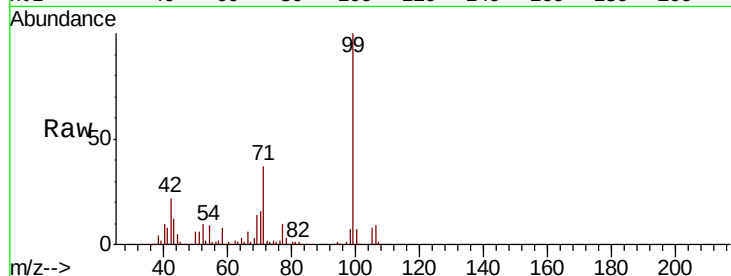
Tgt Ion: 99 Resp: 417505

Ion Ratio Lower Upper

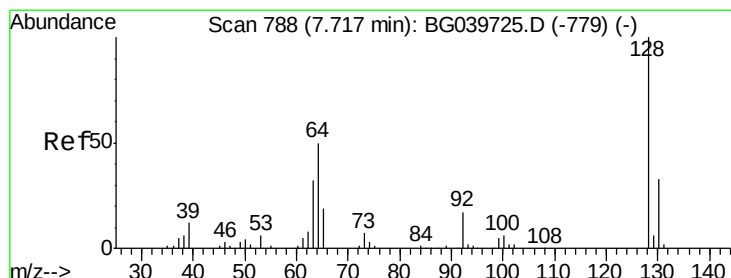
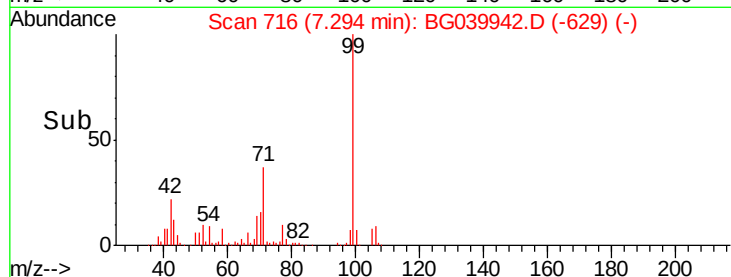
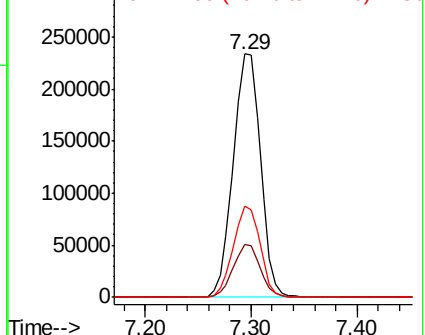
99 100

42 21.6 18.2 27.2

71 37.2 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: 42.359 ng

RT: 7.71 min Scan# 787

Delta R.T. -0.01 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

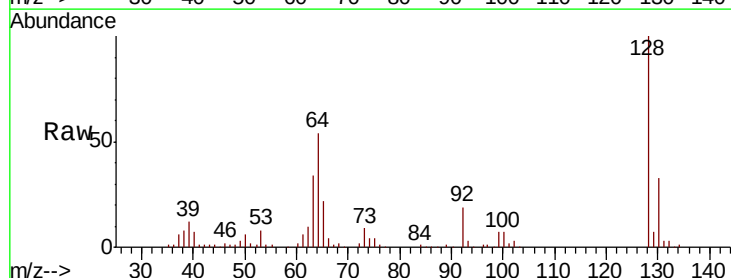
Tgt Ion: 128 Resp: 110917

Ion Ratio Lower Upper

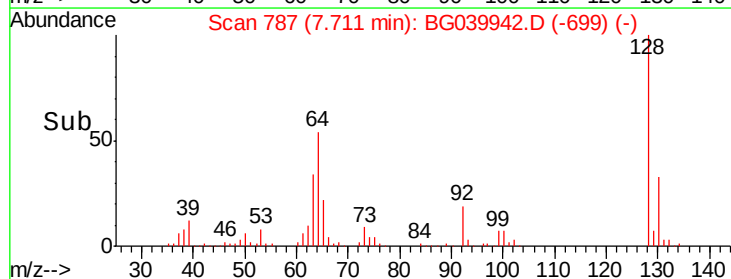
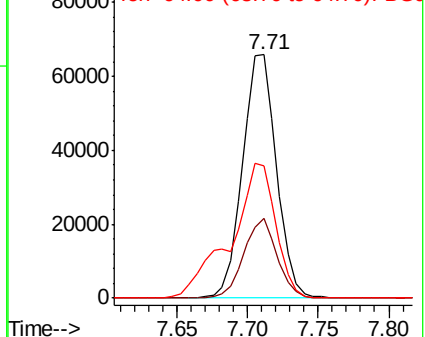
128 100

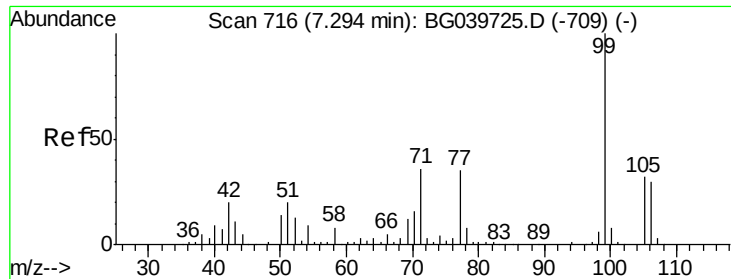
130 32.9 12.9 52.9

64 54.1 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: 22.256 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

Instrument :

BNA_G

ClientSampleId :

PB117964BS

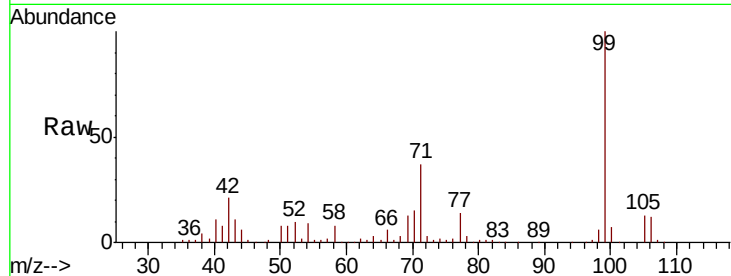
Tgt Ion: 77 Resp: 46203

Ion Ratio Lower Upper

77 100

105 91.8 74.5 114.5

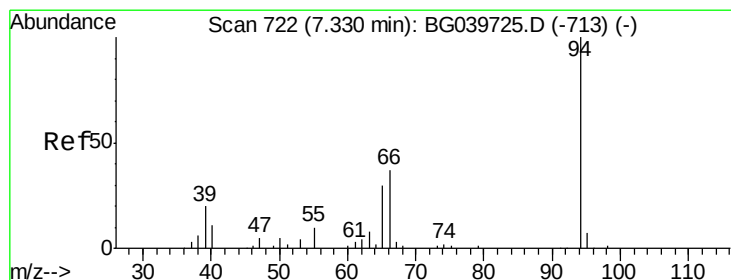
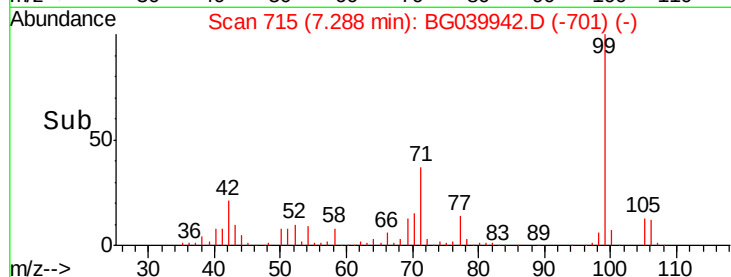
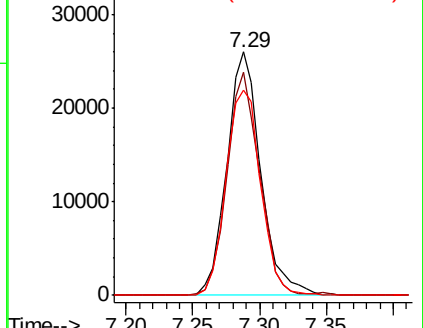
106 84.3 68.0 108.0



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: 42.727 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

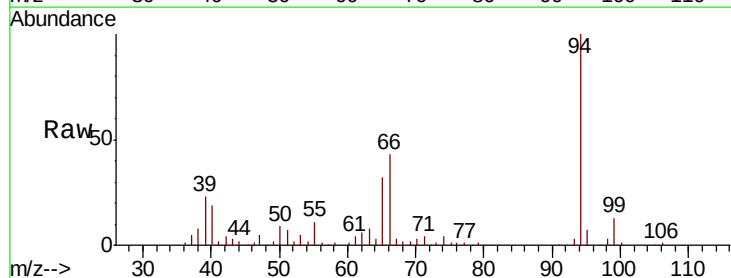
Tgt Ion: 94 Resp: 148964

Ion Ratio Lower Upper

94 100

65 32.3 11.7 51.7

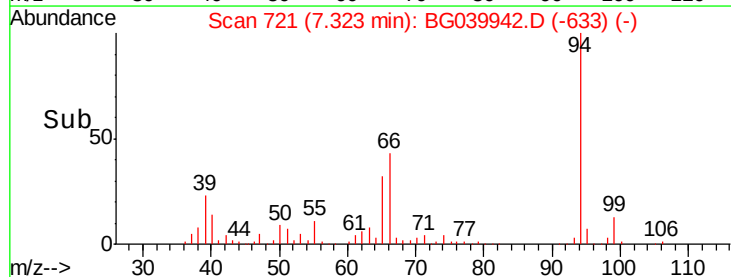
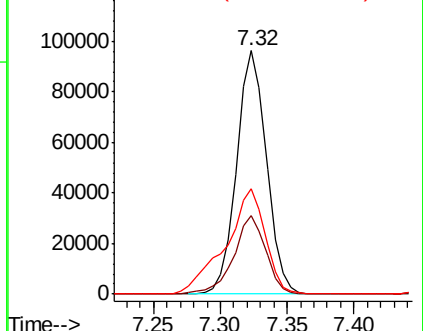
66 43.5 23.7 63.7

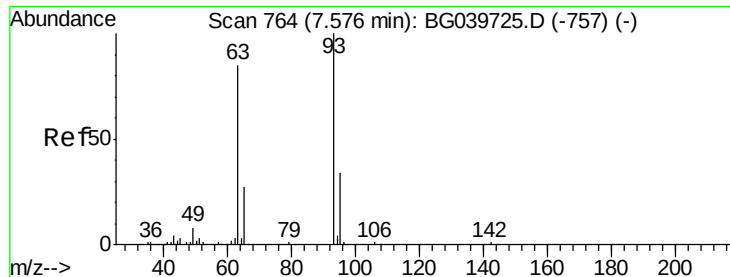


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



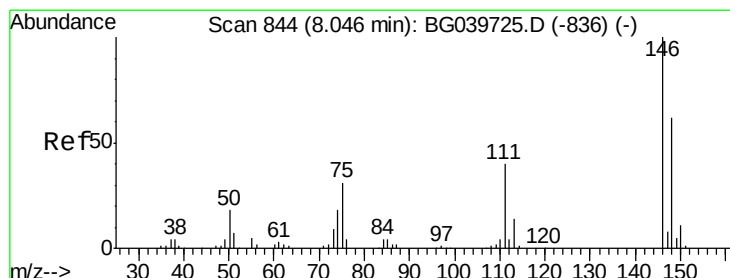
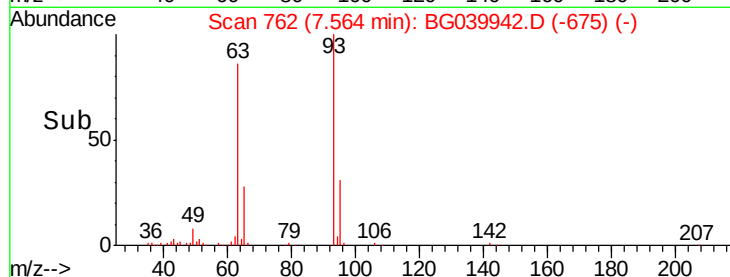
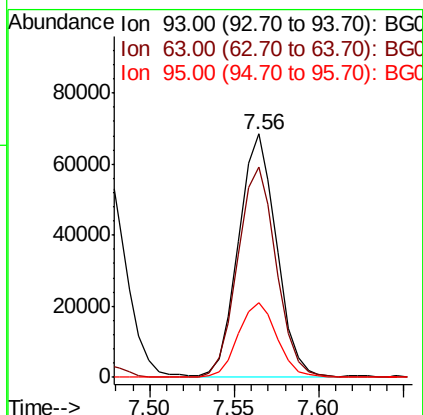
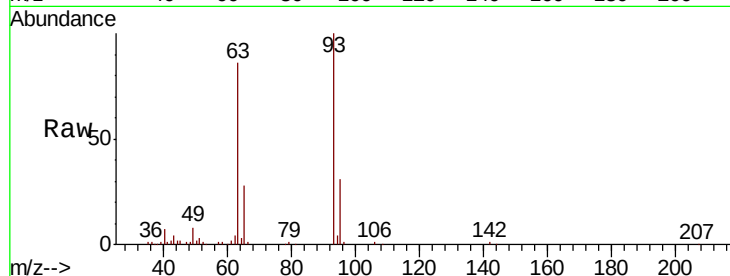


#11
bis(2-Chloroethyl)ether
Concen: 39.130 ng
RT: 7.56 min Scan# 762
Delta R.T. -0.02 min
Lab File: BG039942.D
Acq: 15 Mar 2019 15:31

Instrument :
BNA_G
ClientSampleId :
PB117964BS

Tgt Ion: 93 Resp: 106365

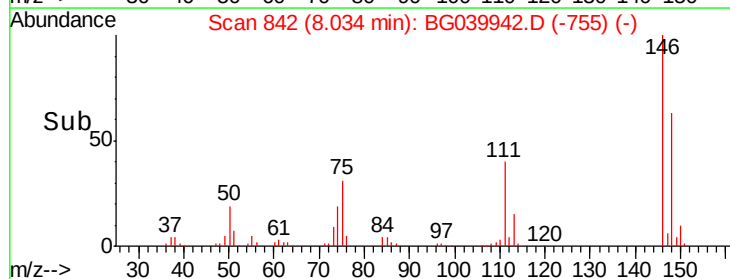
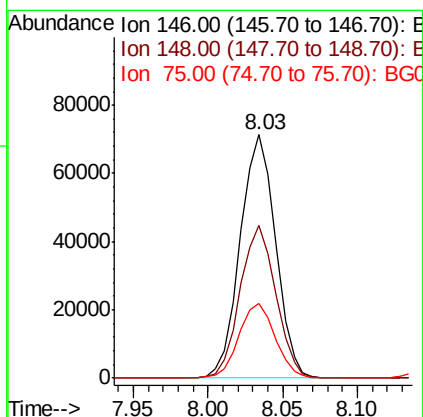
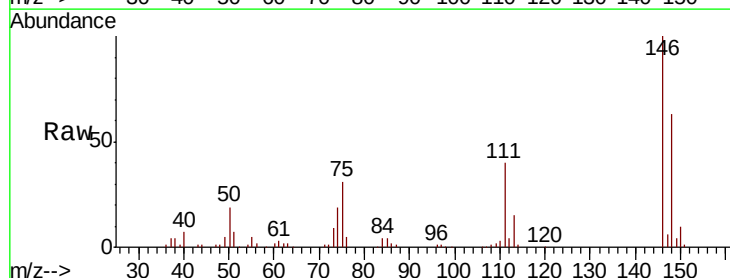
Ion	Ratio	Lower	Upper
93	100		
63	86.5	69.5	109.5
95	30.7	12.7	52.7

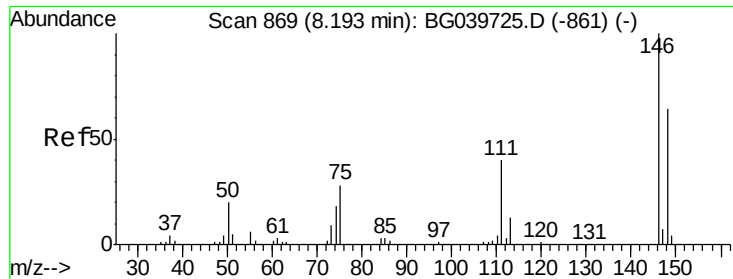


#12
1,3-Dichlorobenzene
Concen: 39.618 ng
RT: 8.03 min Scan# 842
Delta R.T. -0.02 min
Lab File: BG039942.D
Acq: 15 Mar 2019 15:31

Tgt Ion: 146 Resp: 117328

Ion	Ratio	Lower	Upper
146	100		
148	62.6	52.6	79.0
75	30.9	25.8	38.6

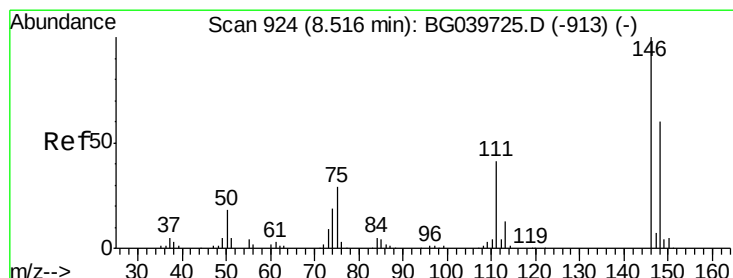
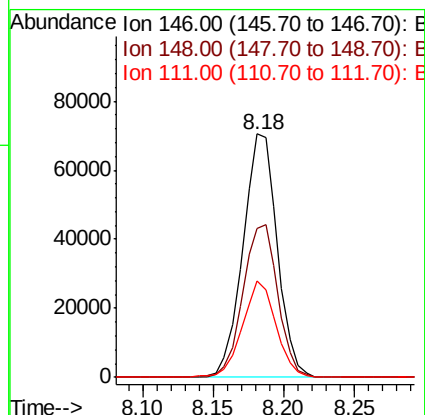
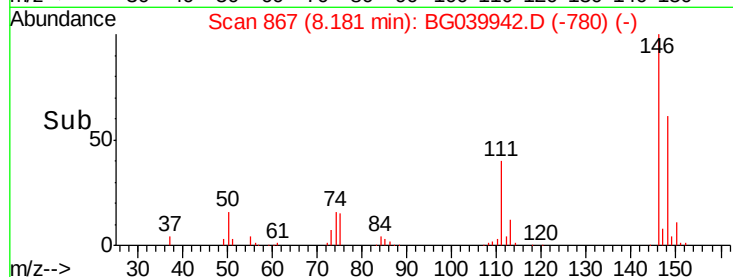
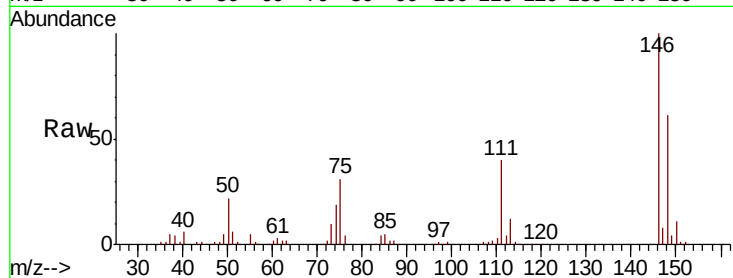




#13
 1,4-Dichlorobenzene
 Concen: 39.642 ng
 RT: 8.18 min Scan# 867
 Delta R.T. -0.02 min
 Lab File: BG039942.D
 Acq: 15 Mar 2019 15:31

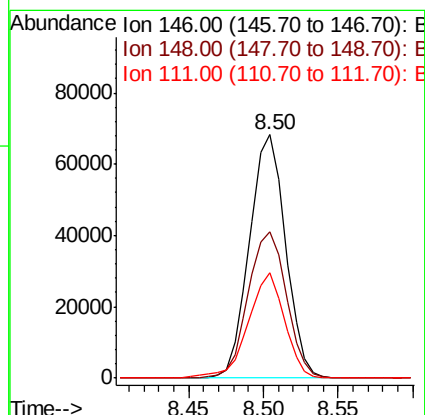
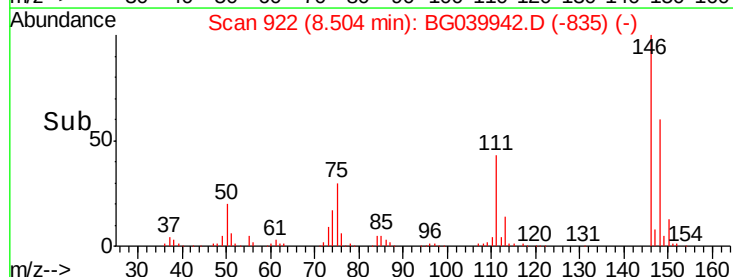
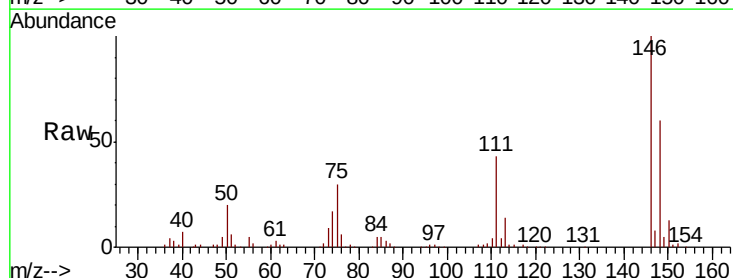
Instrument :
 BNA_G
 ClientSampleId :
 PB117964BS

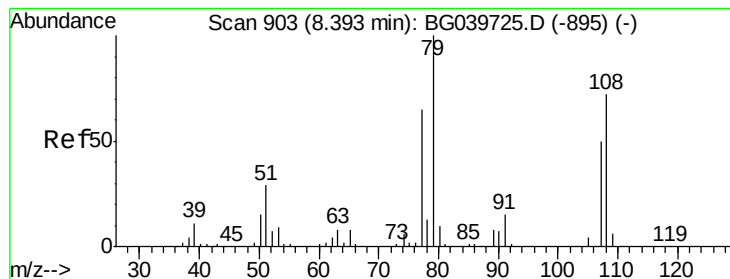
Tgt Ion:146 Resp: 119581
 Ion Ratio Lower Upper
 146 100
 148 61.1 51.1 76.7
 111 39.8 32.6 48.8



#14
 1,2-Dichlorobenzene
 Concen: 39.055 ng
 RT: 8.50 min Scan# 922
 Delta R.T. -0.02 min
 Lab File: BG039942.D
 Acq: 15 Mar 2019 15:31

Tgt Ion:146 Resp: 113827
 Ion Ratio Lower Upper
 146 100
 148 59.8 51.5 77.3
 111 43.2 33.8 50.6





#15

Benzyl Alcohol

Concen: 41.672 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

Instrument :

BNA_G

ClientSampleId :

PB117964BS

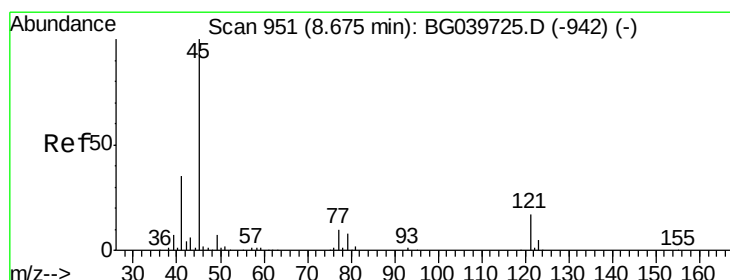
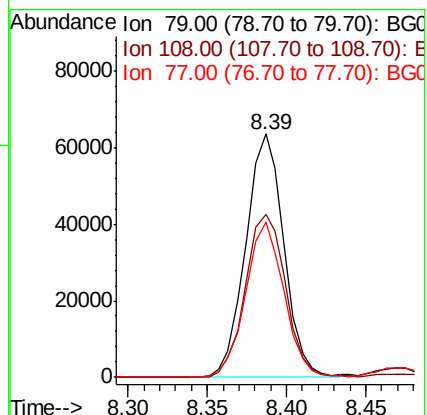
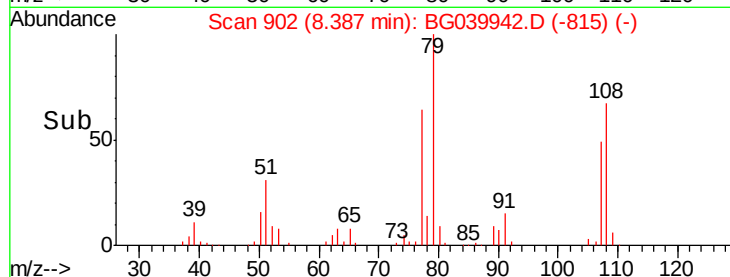
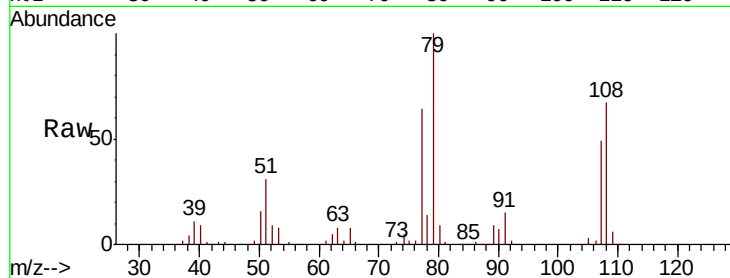
Tgt Ion: 79 Resp: 106385

Ion Ratio Lower Upper

79 100

108 66.8 57.8 86.6

77 63.7 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.381 ng

RT: 8.66 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

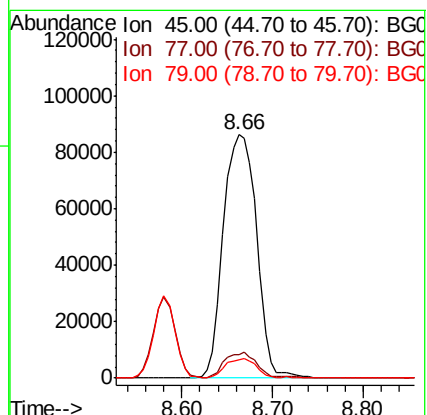
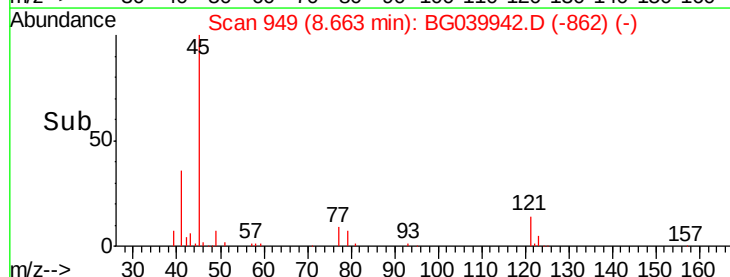
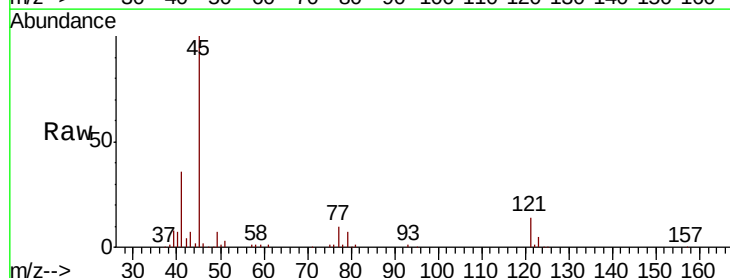
Tgt Ion: 45 Resp: 219533

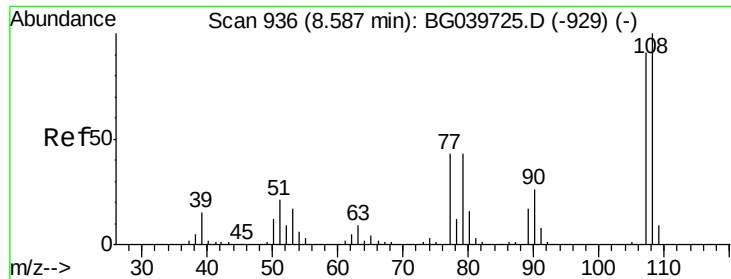
Ion Ratio Lower Upper

45 100

77 9.9 0.0 30.0

79 7.3 0.0 27.5

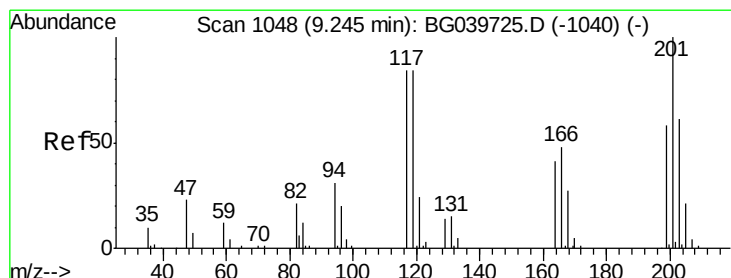
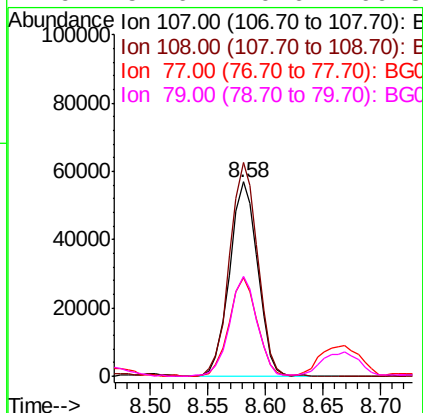
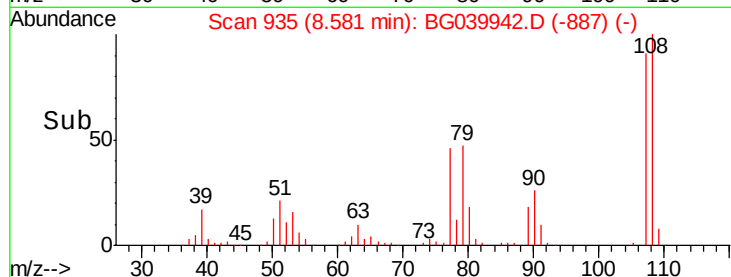
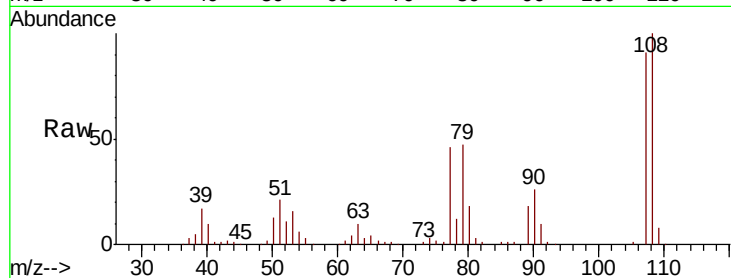




#17
2-Methylphenol
Concen: 43.248 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG039942.D
Acq: 15 Mar 2019 15:31

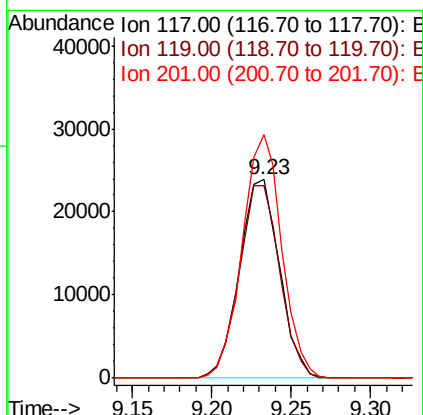
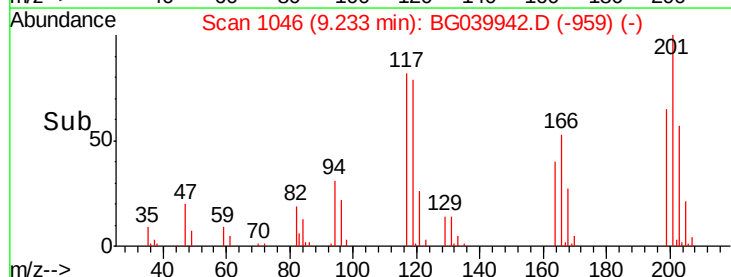
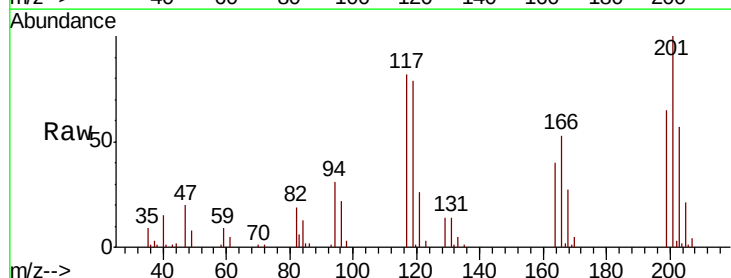
Instrument :
BNA_G
ClientSampleId :
PB117964BS

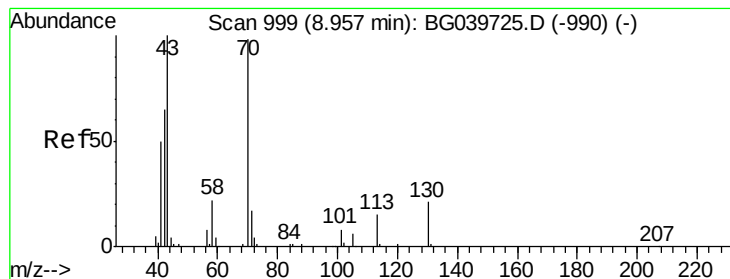
Tgt Ion:107 Resp: 96143
Ion Ratio Lower Upper
107 100
108 110.1 90.8 136.2
77 50.5 40.7 61.1
79 51.6 40.6 60.8



#18
Hexachloroethane
Concen: 38.851 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BG039942.D
Acq: 15 Mar 2019 15:31

Tgt Ion:117 Resp: 42051
Ion Ratio Lower Upper
117 100
119 96.8 76.3 114.5
201 122.5 91.1 136.7





#19

n-Nitroso-di-n-propylamine

Concen: 37.920 ng

RT: 8.95 min Scan# 998

Delta R.T. -0.02 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

Instrument :

BNA_G

ClientSampleId :

PB117964BS

Tgt Ion: 70 Resp: 87839

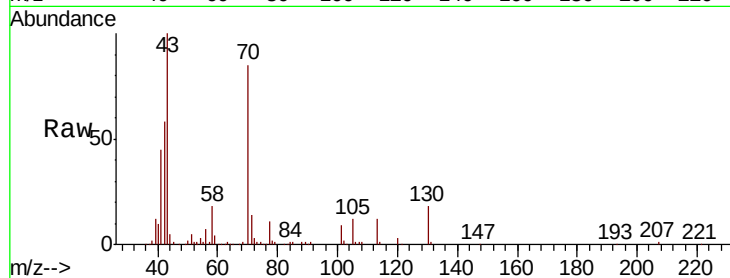
Ion Ratio Lower Upper

70 100

42 68.0 60.4 90.6

101 10.4 7.5 11.3

130 21.3 16.9 25.3

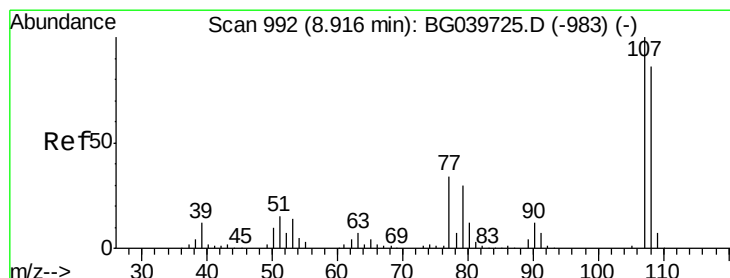
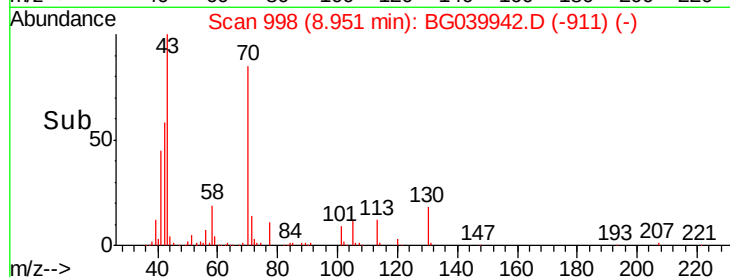
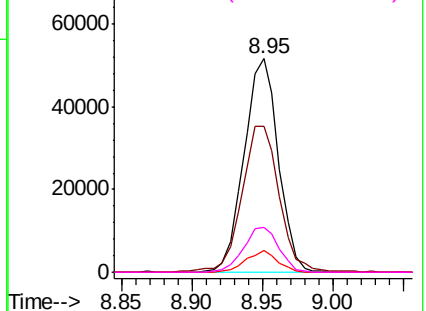


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 43.014 ng

RT: 8.91 min Scan# 991

Delta R.T. -0.02 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

Tgt Ion: 107 Resp: 132841

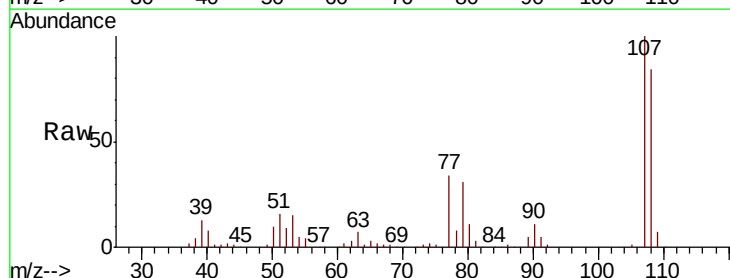
Ion Ratio Lower Upper

107 100

108 84.3 67.9 107.9

77 33.7 15.4 55.4

79 31.3 13.7 53.7

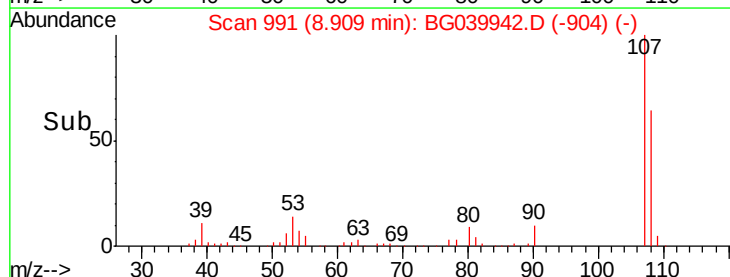
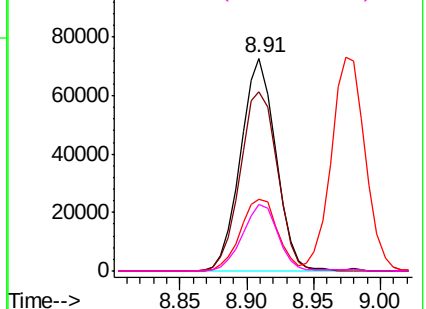


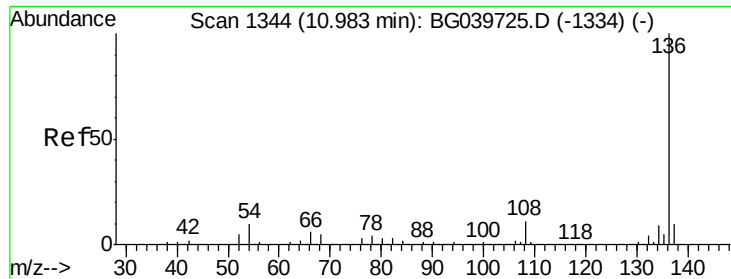
Abundance Ion 107.00 (106.70 to 107.70): BGC

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

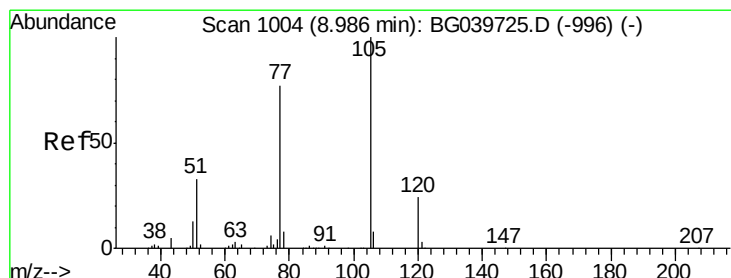
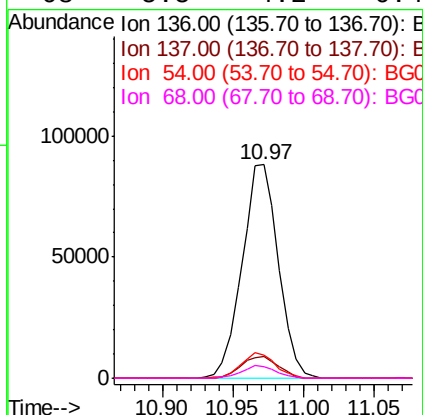
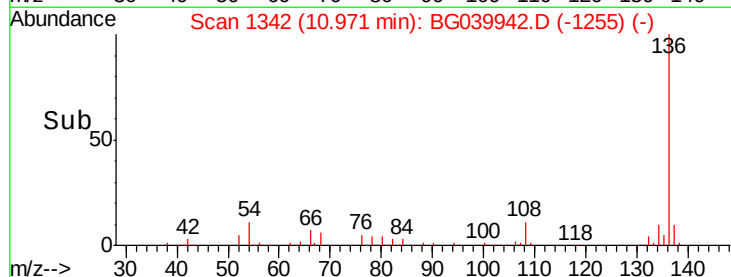
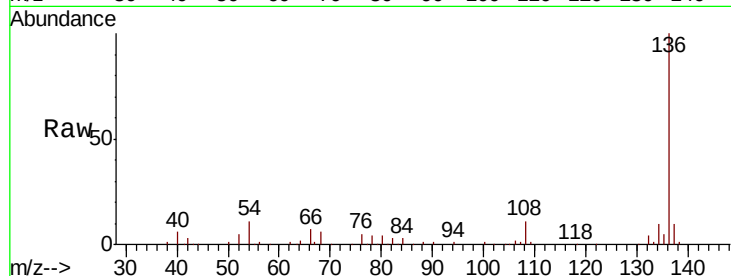




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039942.D
Acq: 15 Mar 2019 15:31

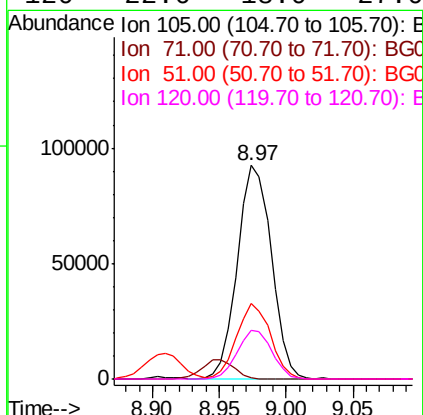
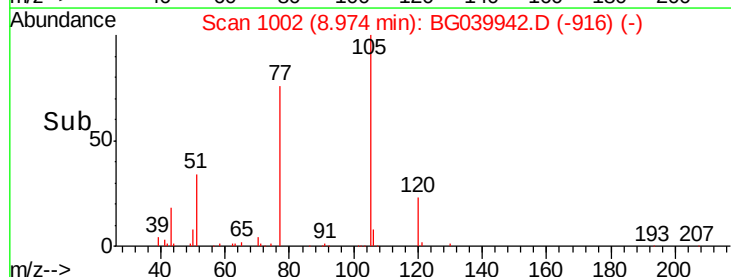
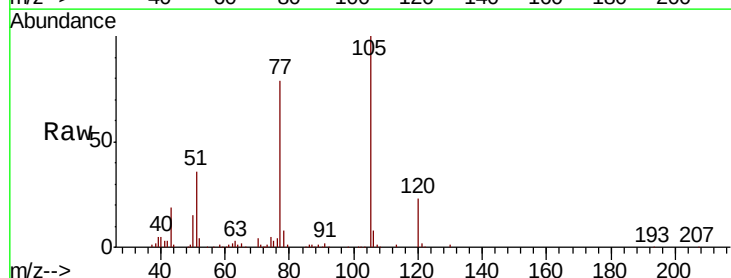
Instrument :
BNA_G
ClientSampleId :
PB117964BS

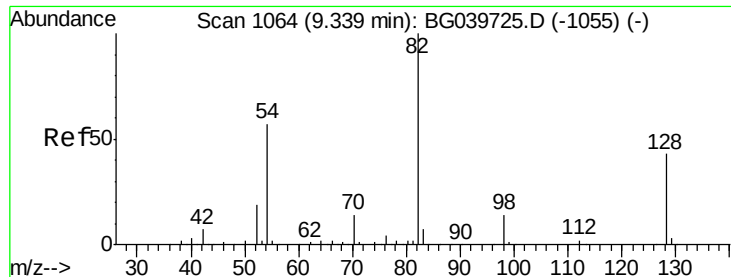
Tgt Ion:	136	Resp:	158663
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	10.7	9.4	14.2
68	5.5	4.2	6.4



#22
Acetophenone
Concen: 38.547 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG039942.D
Acq: 15 Mar 2019 15:31

Tgt Ion:	105	Resp:	164153
Ion	Ratio	Lower	Upper
105	100		
71	0.8	0.8	1.2#
51	35.6	30.2	45.2
120	22.6	18.0	27.0

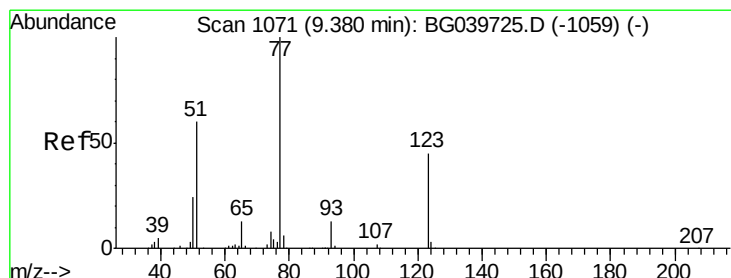
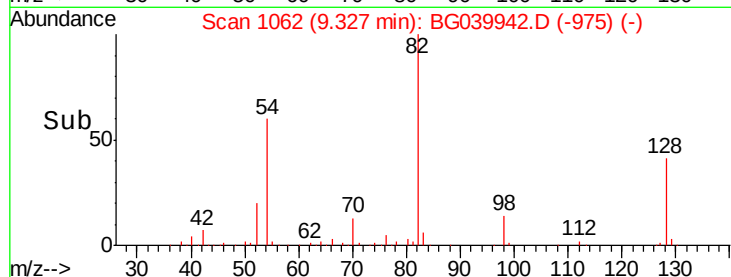
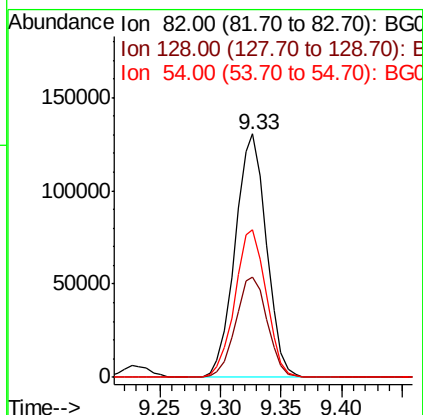
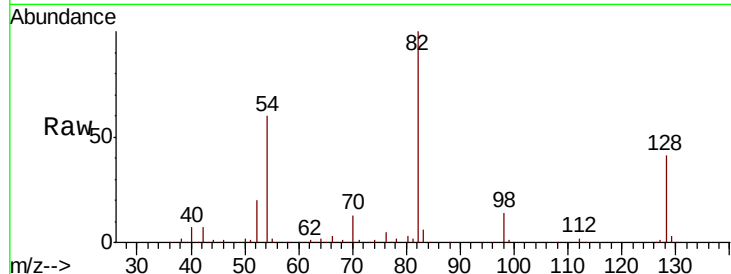




#23
 Nitrobenzene-d5
 Concen: 80.262 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BG039942.D
 Acq: 15 Mar 2019 15:31

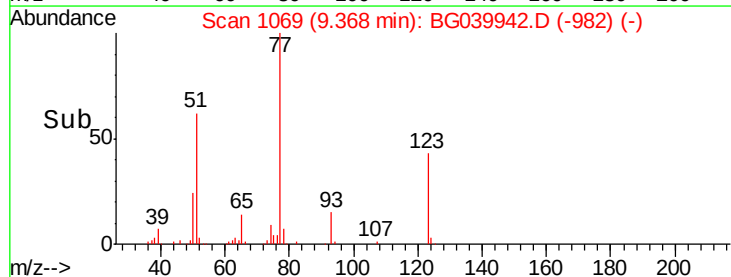
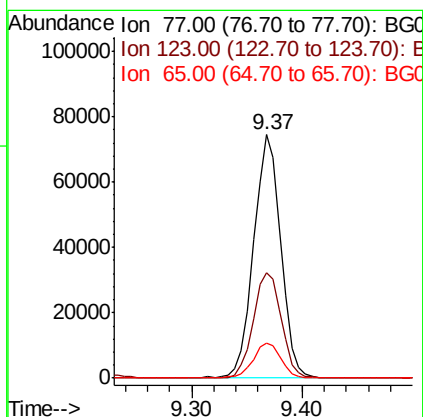
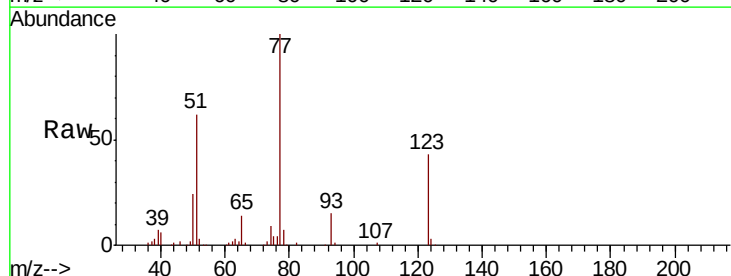
Instrument :
 BNA_G
 ClientSampleId :
 PB117964BS

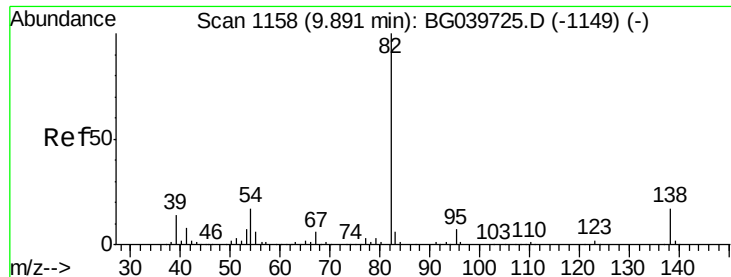
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.2	31.3	46.9
54	60.4	50.9	76.3



#24
 Nitrobenzene
 Concen: 41.723 ng
 RT: 9.37 min Scan# 1069
 Delta R.T. -0.02 min
 Lab File: BG039942.D
 Acq: 15 Mar 2019 15:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.3	34.1	51.1
65	14.4	12.3	18.5





#25

Isophorone

Concen: 39.507 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

Instrument :

BNA_G

ClientSampleId :

PB117964BS

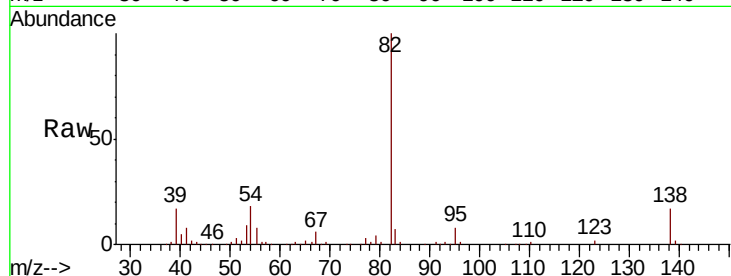
Tgt Ion: 82 Resp: 242849

Ion Ratio Lower Upper

82 100

95 7.8 6.2 9.2

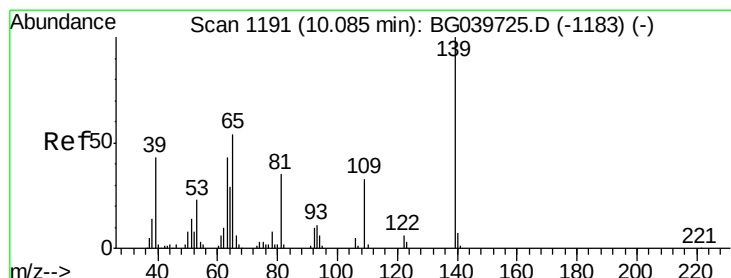
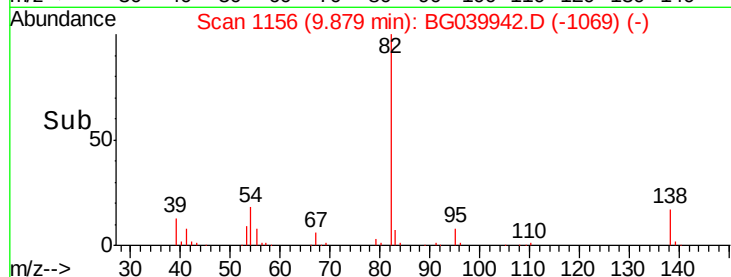
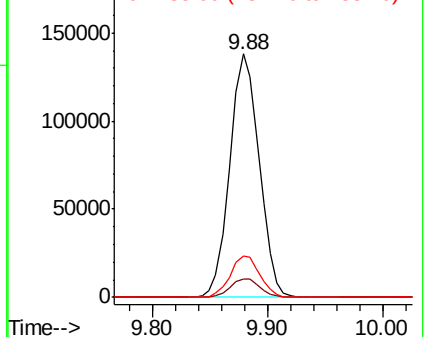
138 16.9 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BG039725.D (-1149) (-)

Ion 95.00 (94.70 to 95.70): BG039725.D (-1149) (-)

Ion 138.00 (137.70 to 138.70): BG039725.D (-1149) (-)



#26

2-Nitrophenol

Concen: 42.842 ng

RT: 10.08 min Scan# 1190

Delta R.T. -0.02 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

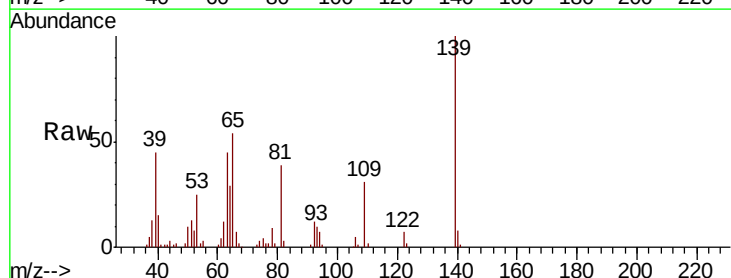
Tgt Ion: 139 Resp: 63660

Ion Ratio Lower Upper

139 100

109 30.8 23.4 35.0

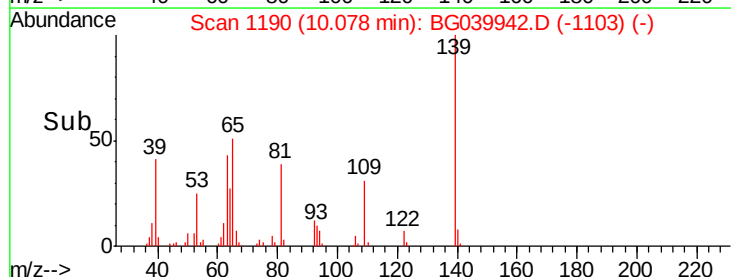
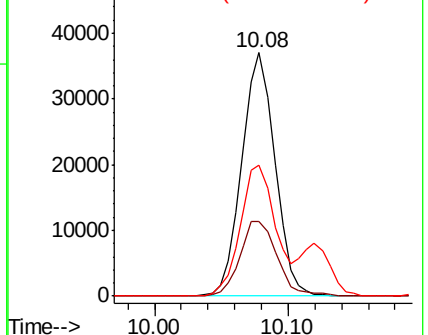
65 53.6 44.3 66.5

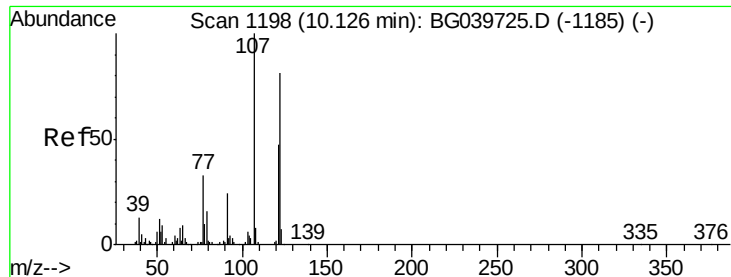


Abundance Ion 139.00 (138.70 to 139.70): BG039725.D (-1183) (-)

Ion 109.00 (108.70 to 109.70): BG039725.D (-1183) (-)

Ion 65.00 (64.70 to 65.70): BG039725.D (-1183) (-)

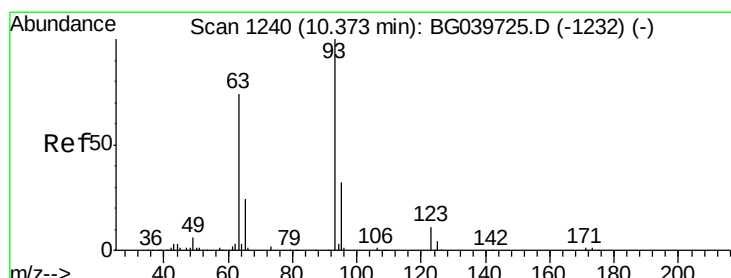
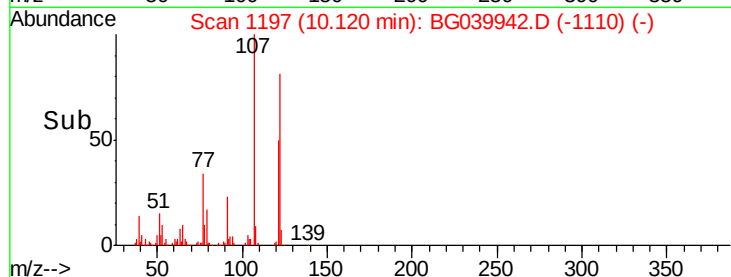
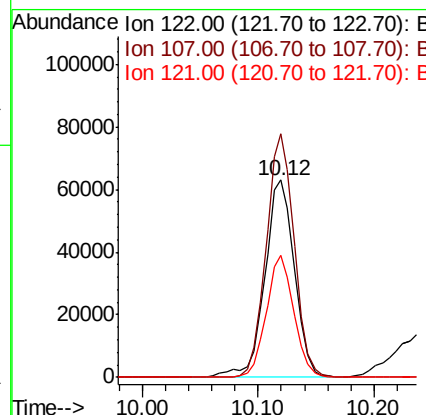
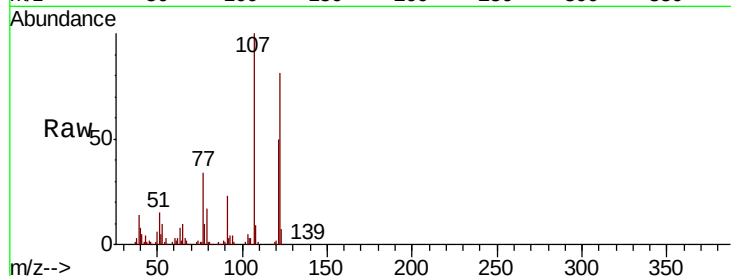




#27
2,4-Dimethylphenol
Concen: 48.930 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BG039942.D
Acq: 15 Mar 2019 15:31

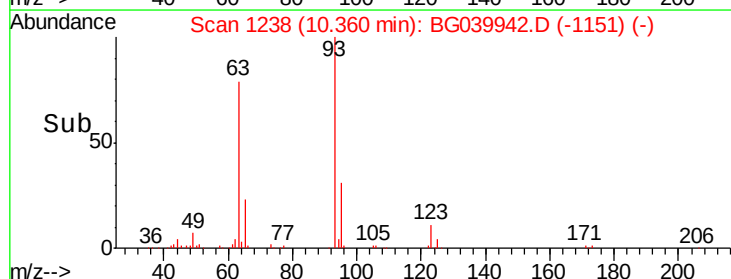
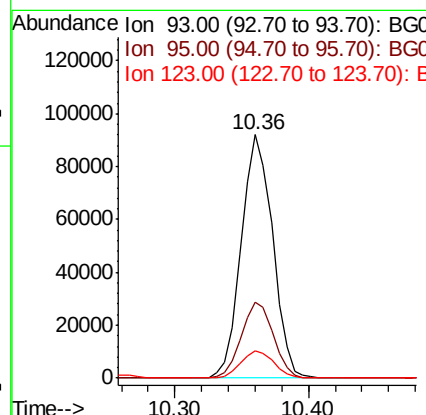
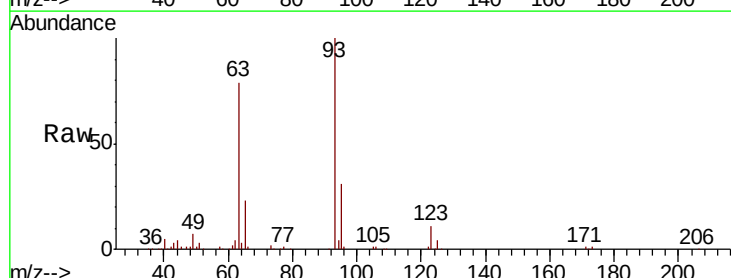
Instrument :
BNA_G
ClientSampleId :
PB117964BS

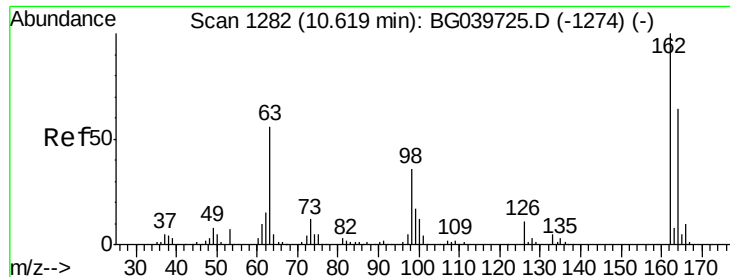
Tgt Ion	Ratio	Lower	Upper
122	100		
107	123.5	91.7	137.5
121	61.9	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 40.008 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BG039942.D
Acq: 15 Mar 2019 15:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.3	25.0	37.4
123	11.2	8.6	12.8

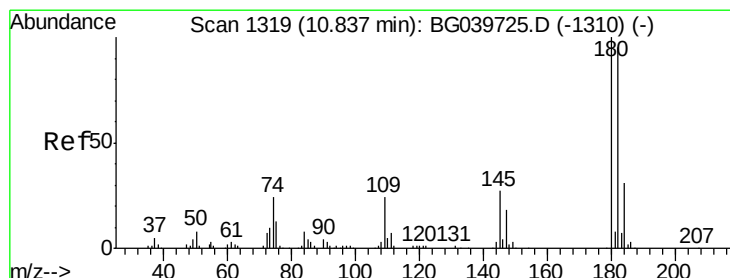
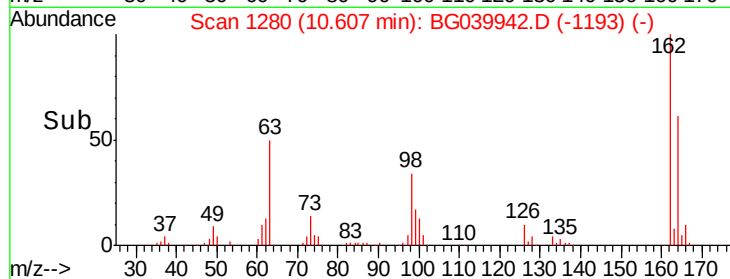
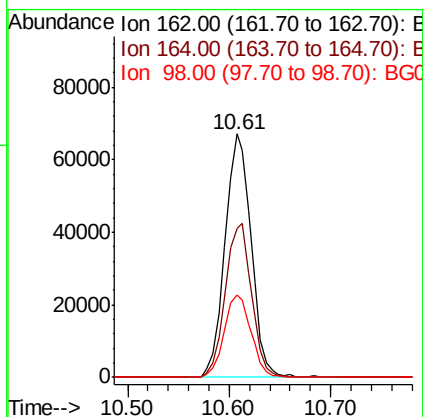
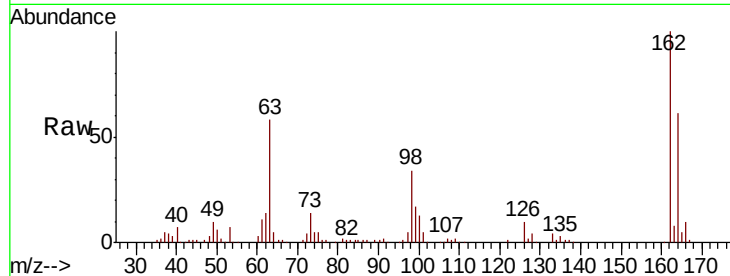




#29
 2,4-Dichlorophenol
 Concen: 46.049 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BG039942.D
 Acq: 15 Mar 2019 15:31

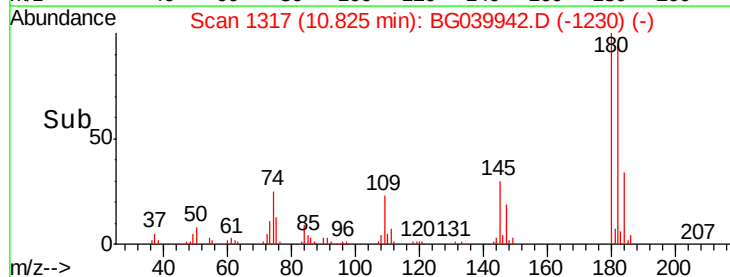
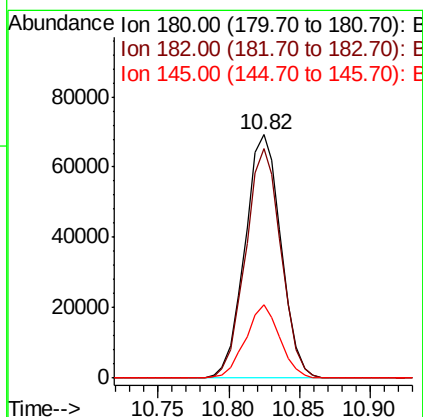
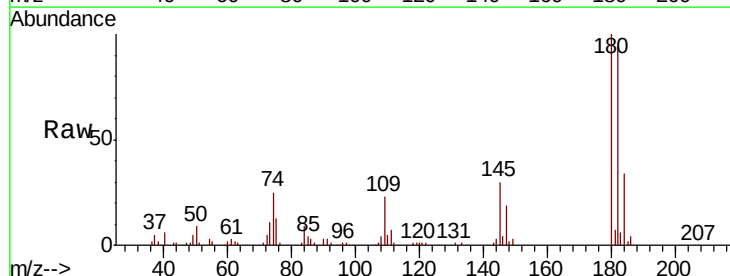
Instrument :
 BNA_G
 ClientSampleId :
 PB117964BS

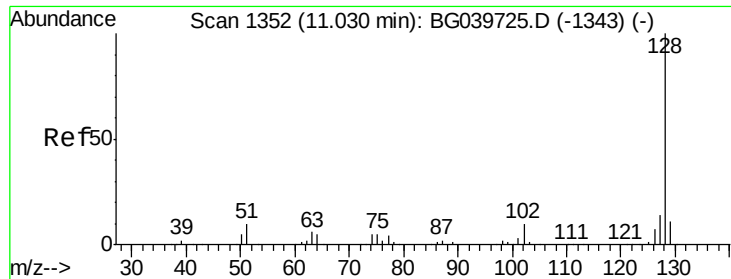
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	119818		
164	61.1	48.1	88.1	
98	34.1	18.1	58.1	



#30
 1,2,4-Trichlorobenzene
 Concen: 42.144 ng
 RT: 10.82 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BG039942.D
 Acq: 15 Mar 2019 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	123392		
182	94.3	76.0	114.0	
145	29.9	22.7	34.1	

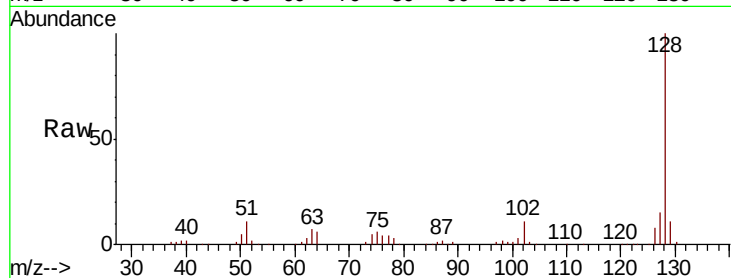




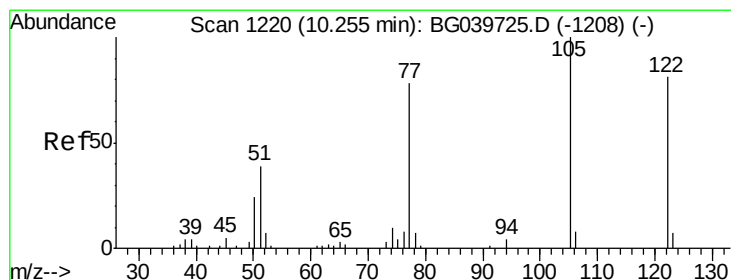
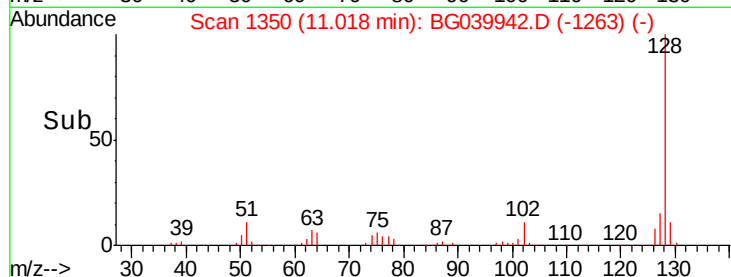
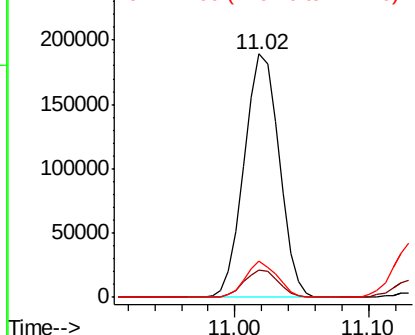
#31
Naphthalene
Concen: 40.923 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG039942.D
Acq: 15 Mar 2019 15:31

Instrument :
BNA_G
ClientSampleId :
PB117964BS

Tgt Ion:128 Resp: 343771
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 14.8 10.8 16.2

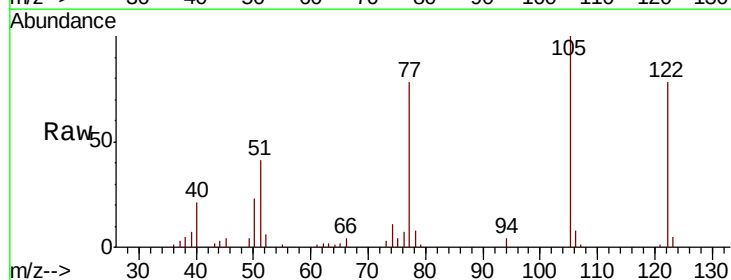


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

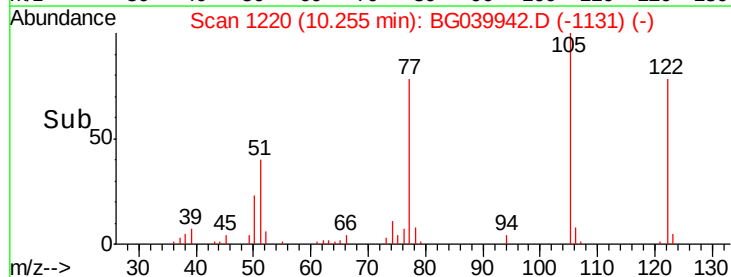
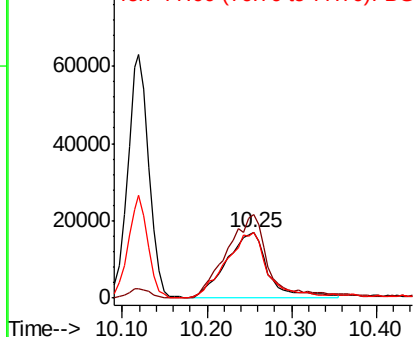


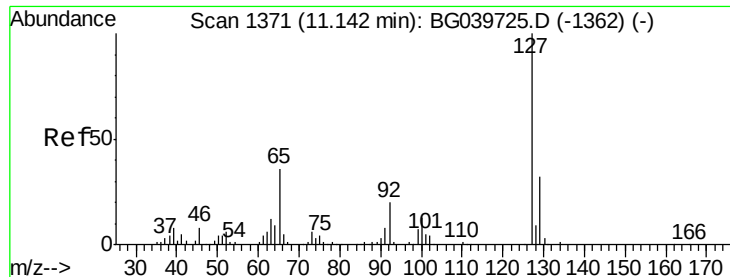
#32
Benzoic acid
Concen: 38.297 ng
RT: 10.25 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BG039942.D
Acq: 15 Mar 2019 15:31

Tgt Ion:122 Resp: 58314
Ion Ratio Lower Upper
122 100
105 128.3 101.8 141.8
77 100.2 76.3 116.3



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

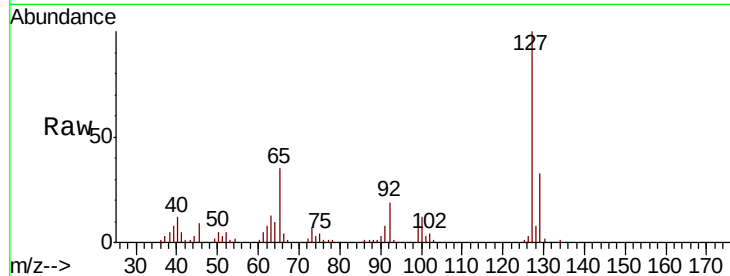




#33
4-Chloroaniline
Concen: 21.890 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG039942.D
Acq: 15 Mar 2019 15:31

Instrument :
BNA_G
ClientSampleId :
PB117964BS

Tgt Ion:	127	Resp:	77976
Ion	Ratio	Lower	Upper
127	100		
129	32.5	27.0	40.4
65	35.2	28.8	43.2
92	18.7	16.6	25.0



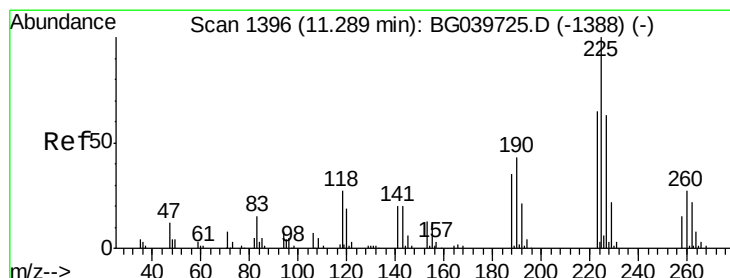
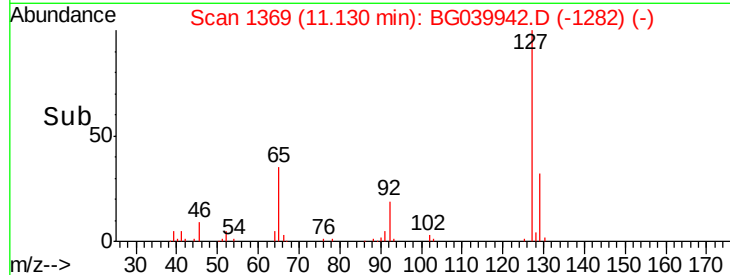
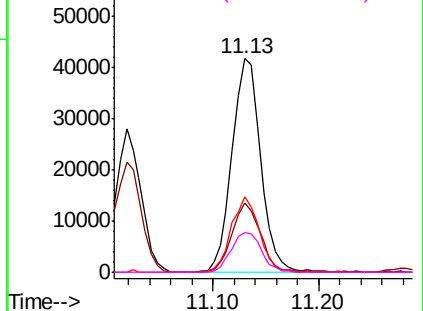
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

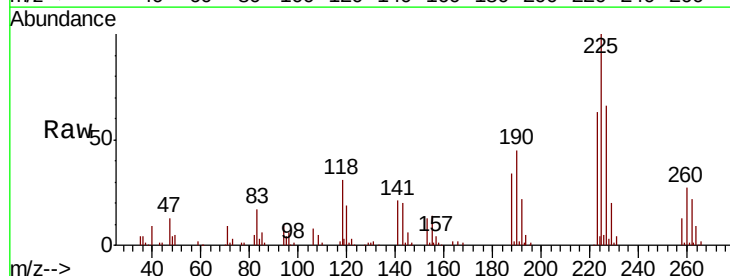
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 40.279 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BG039942.D
Acq: 15 Mar 2019 15:31

Tgt Ion:	225	Resp:	80587
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.0	73.6
227	65.9	46.3	69.5

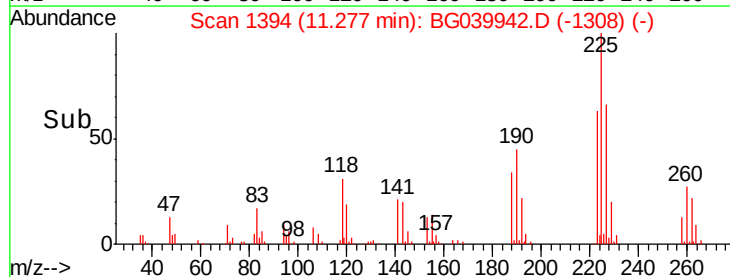
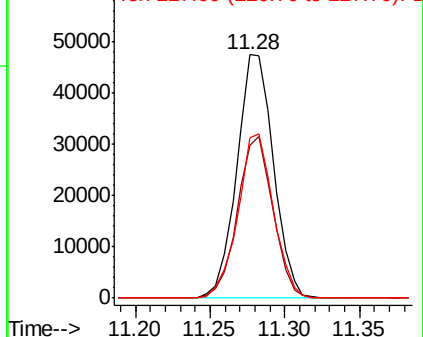


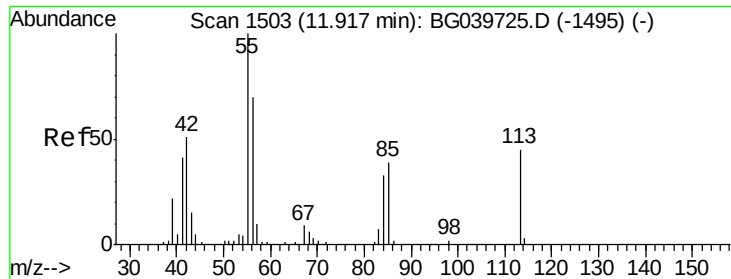
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

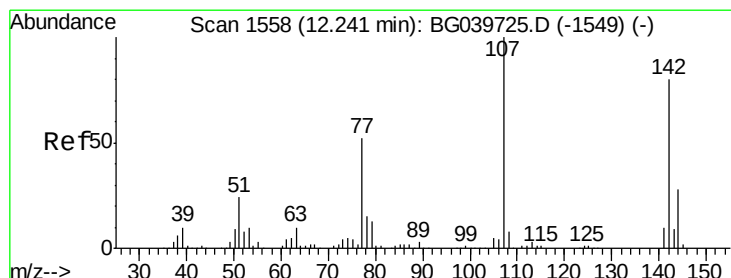
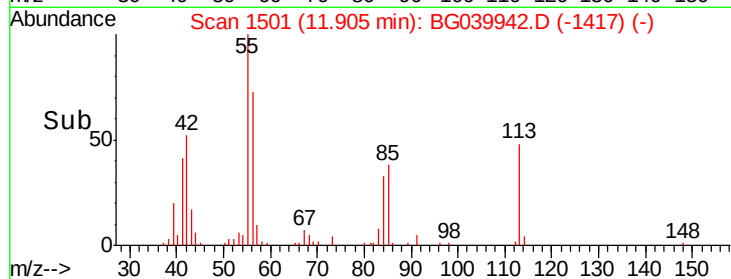
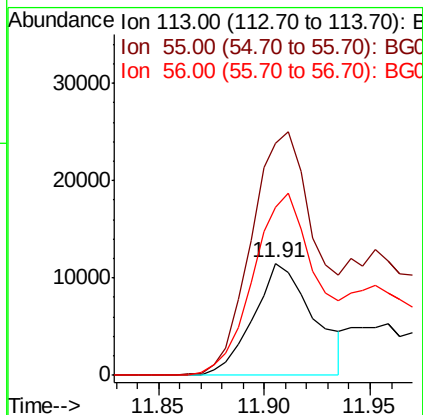
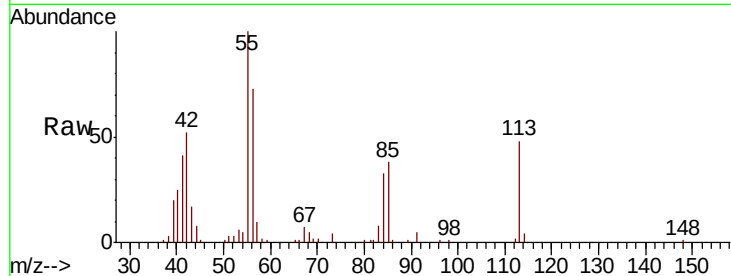




#35
 Caprolactam
 Concen: 22.836 ng
 RT: 11.91 min Scan# 1501
 Delta R.T. -0.04 min
 Lab File: BG039942.D
 Acq: 15 Mar 2019 15:31

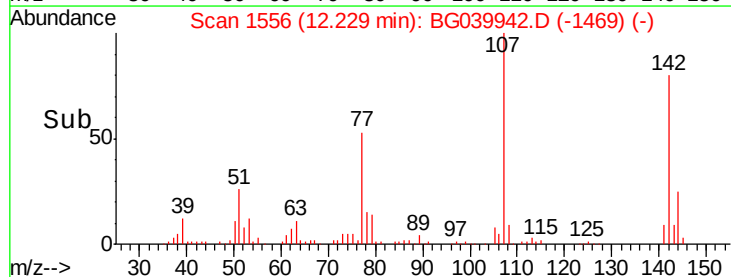
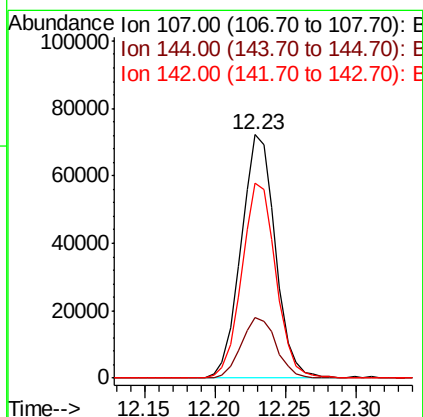
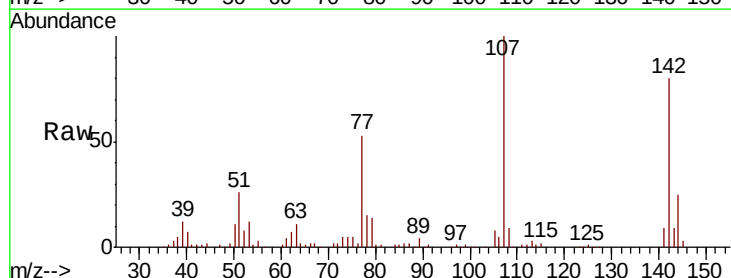
Instrument :
 BNA_G
 ClientSampleId :
 PB117964BS

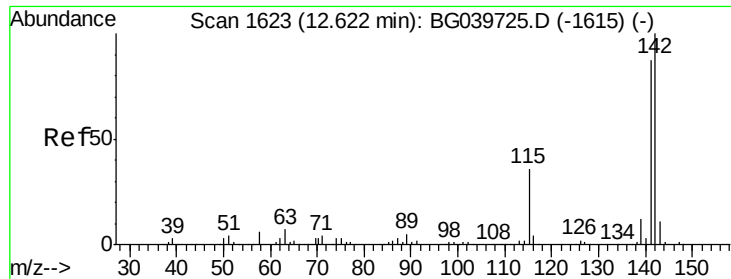
Tgt Ion:113 Resp: 22697
 Ion Ratio Lower Upper
 113 100
 55 206.7 216.9 256.9#
 56 150.0 152.6 192.6#



#36
 4-Chloro-3-methylphenol
 Concen: 41.058 ng
 RT: 12.23 min Scan# 1556
 Delta R.T. -0.02 min
 Lab File: BG039942.D
 Acq: 15 Mar 2019 15:31

Tgt Ion:107 Resp: 122462
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.2 30.2
 142 80.1 61.4 92.2

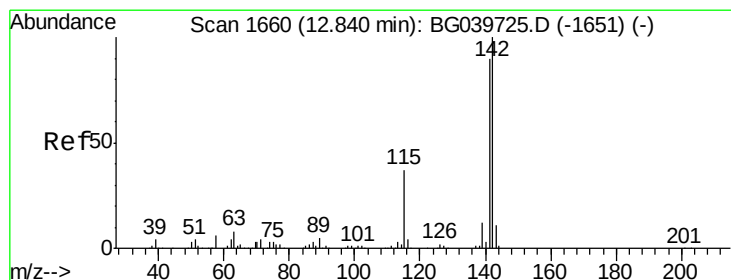
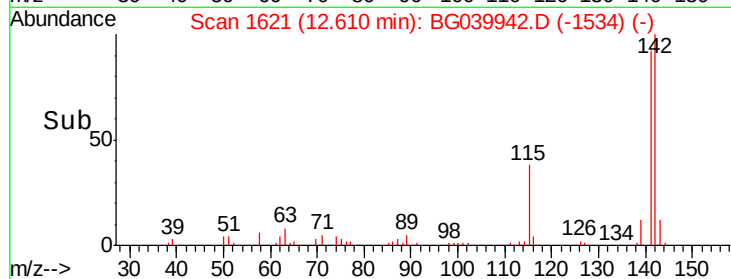
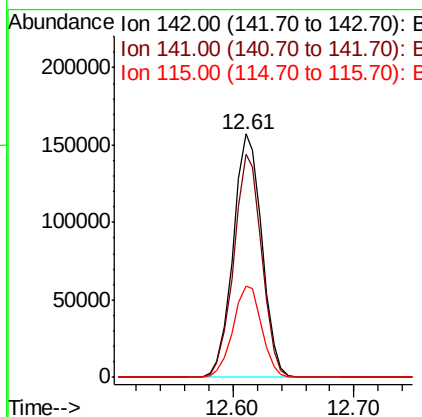
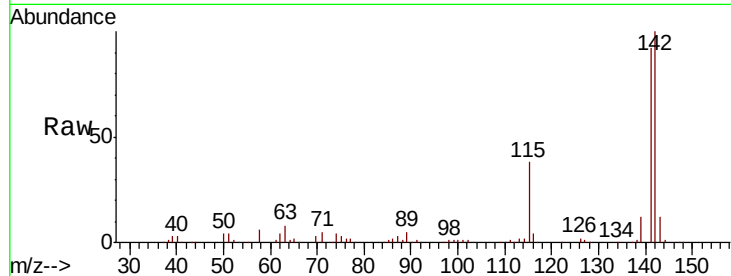




#37
 2-Methylnaphthalene
 Concen: 41.428 ng
 RT: 12.61 min Scan# 1621
 Delta R.T. -0.02 min
 Lab File: BG039942.D
 Acq: 15 Mar 2019 15:31

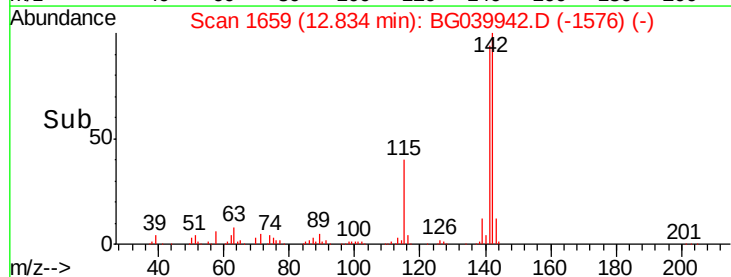
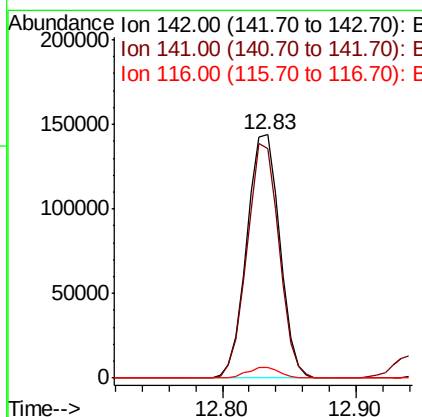
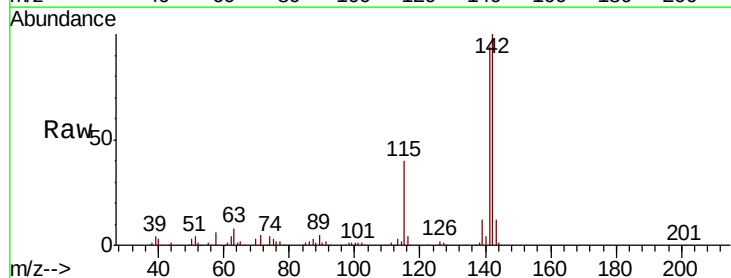
Instrument :
 BNA_G
 ClientSampleId :
 PB117964BS

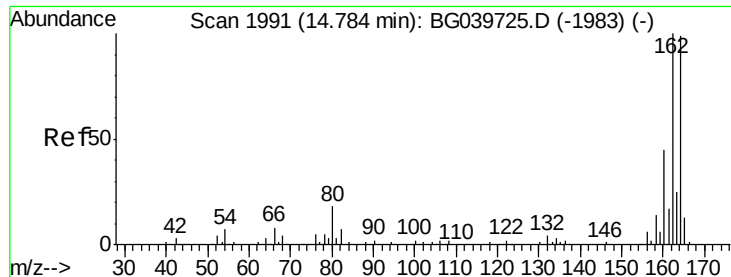
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.5	110.3
115	37.5	30.8	46.2



#38
 1-Methylnaphthalene
 Concen: 40.083 ng
 RT: 12.83 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BG039942.D
 Acq: 15 Mar 2019 15:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	74.2	111.4
116	4.4	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

Instrument :

BNA_G

ClientSampleId :

PB117964BS

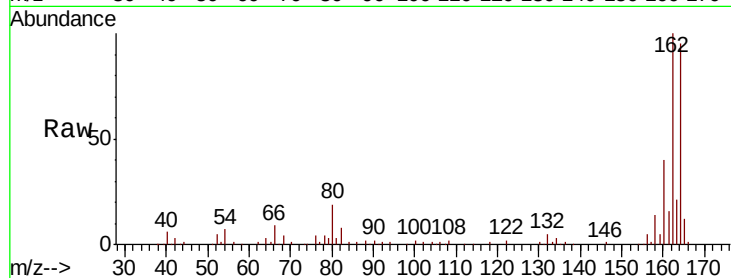
Tgt Ion:164 Resp: 102221

Ion Ratio Lower Upper

164 100

162 105.3 81.6 122.4

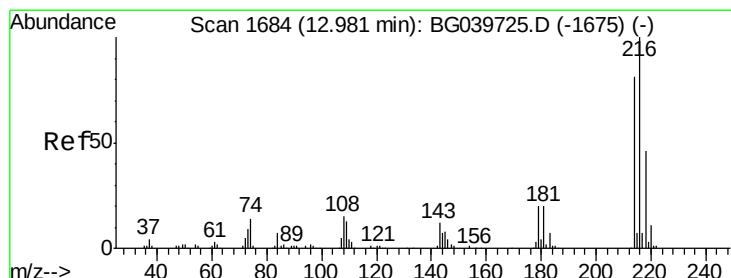
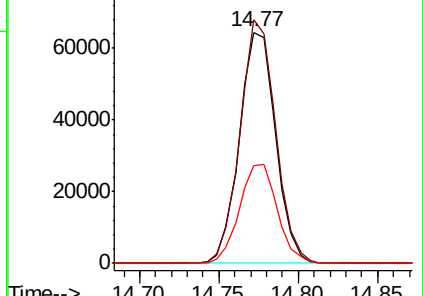
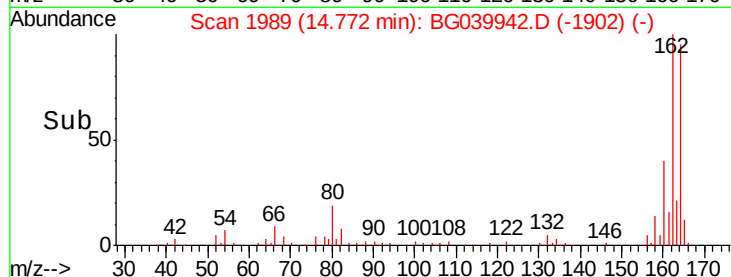
160 42.2 34.2 51.2



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: 41.897 ng

RT: 12.97 min Scan# 1683

Delta R.T. -0.01 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

Tgt Ion:216 Resp: 145089

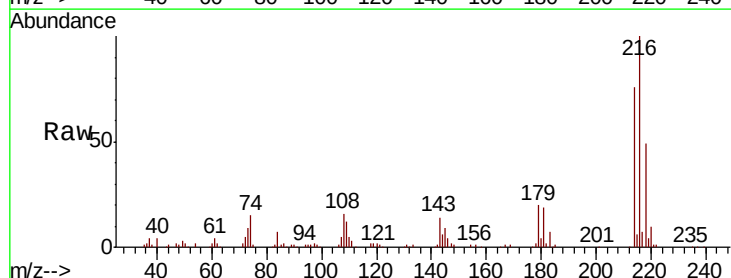
Ion Ratio Lower Upper

216 100

214 79.1 62.6 94.0

179 20.7 16.6 25.0

108 18.9 14.0 21.0

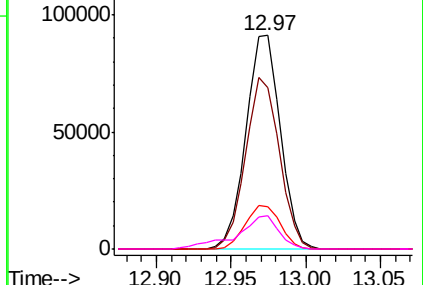
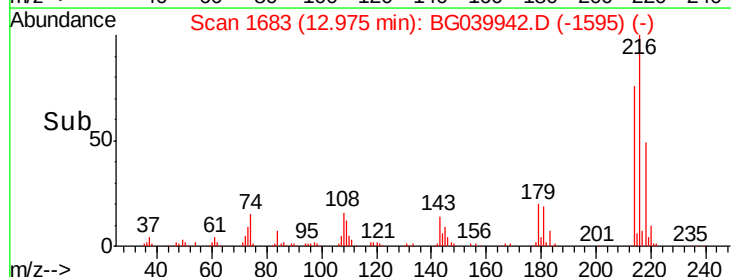


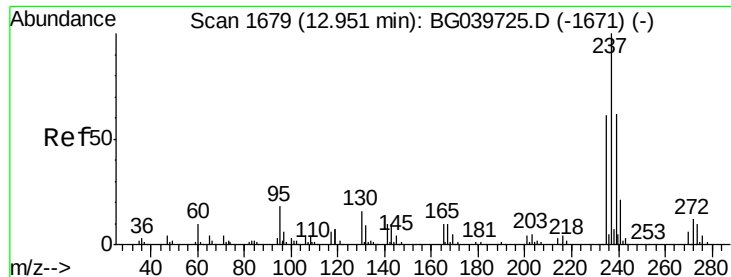
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 100.988 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.02 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

Instrument :

BNA_G

ClientSampleId :

PB117964BS

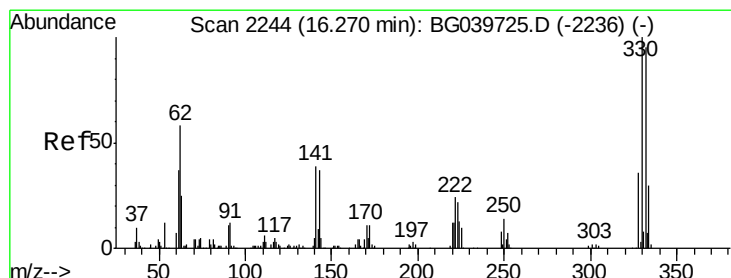
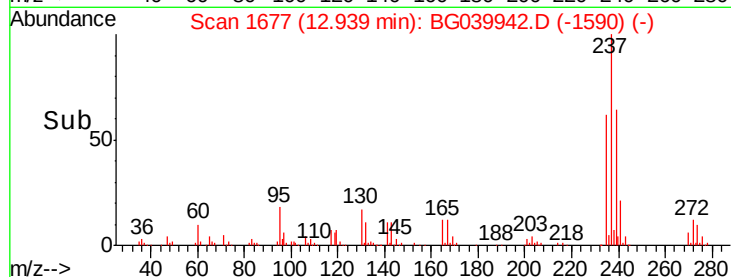
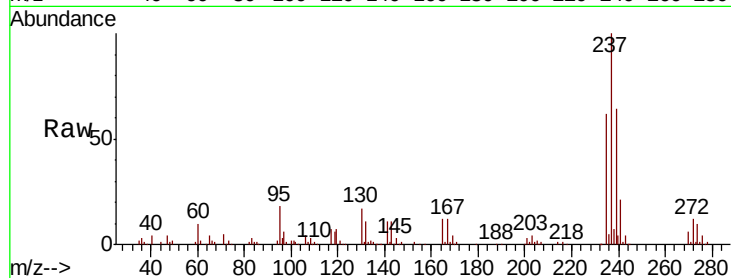
Tgt Ion:237 Resp: 187416

Ion Ratio Lower Upper

237 100

235 62.3 43.3 83.3

272 11.8 0.0 32.3



#42

2,4,6-Tribromophenol

Concen: 133.826 ng

RT: 16.26 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

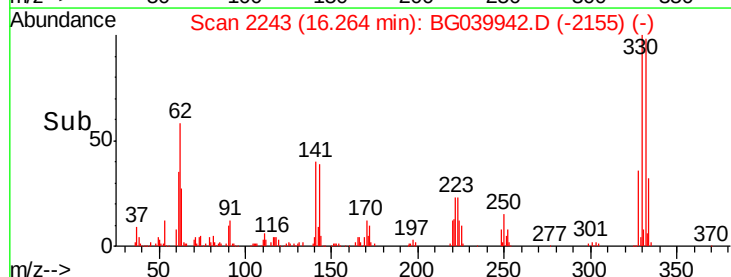
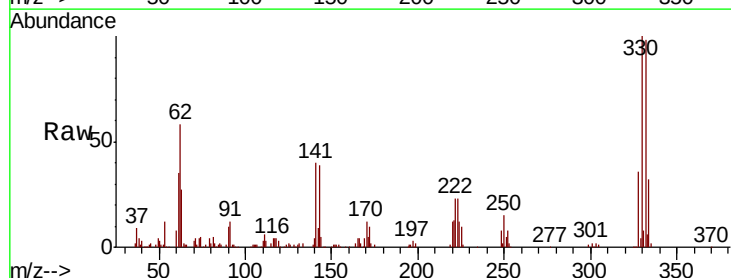
Tgt Ion:330 Resp: 159449

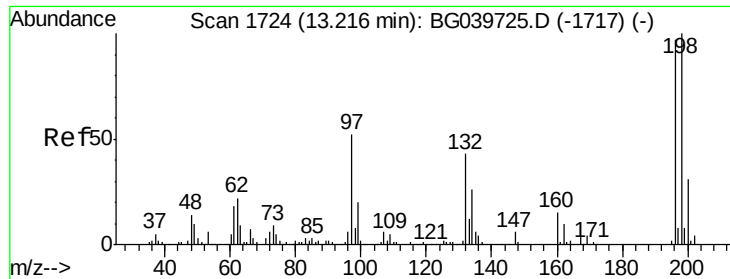
Ion Ratio Lower Upper

330 100

332 96.7 75.7 113.5

141 41.9 35.6 53.4

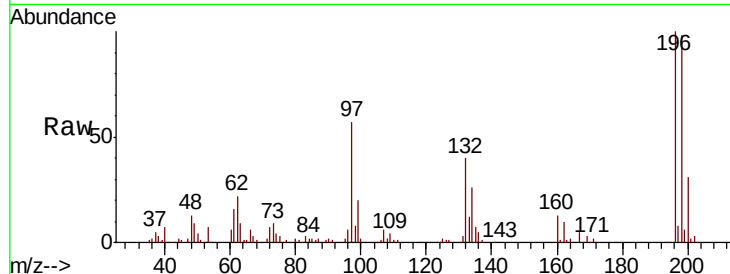




#43
 2,4,6-Trichlorophenol
 Concen: 46.540 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BG039942.D
 Acq: 15 Mar 2019 15:31

Instrument :
 BNA_G
 ClientSampleId :
 PB117964BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.2	80.6	121.0
200	31.3	26.1	39.1

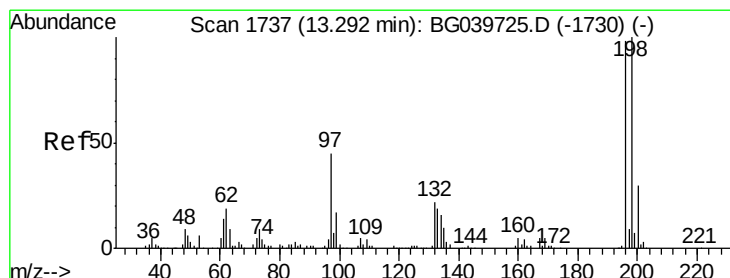
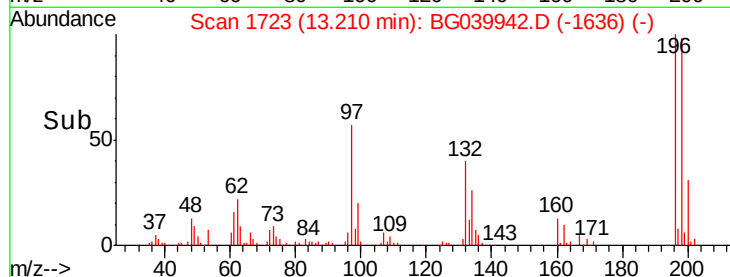
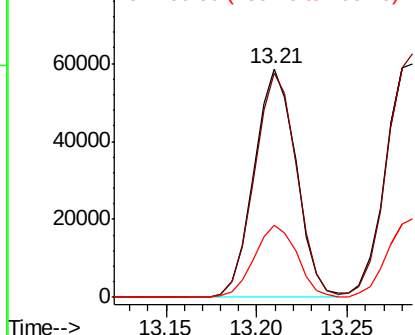


Abundance

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: 43.737 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG039942.D
 Acq: 15 Mar 2019 15:31

Tgt Ion	Ratio	Lower	Upper
196	100		
198	104.1	78.5	117.7
97	45.6	38.4	57.6
132	25.2	19.2	28.8

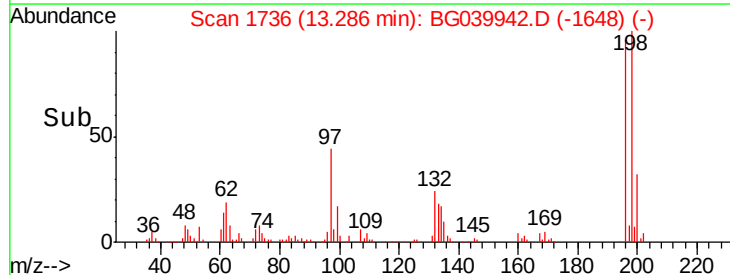
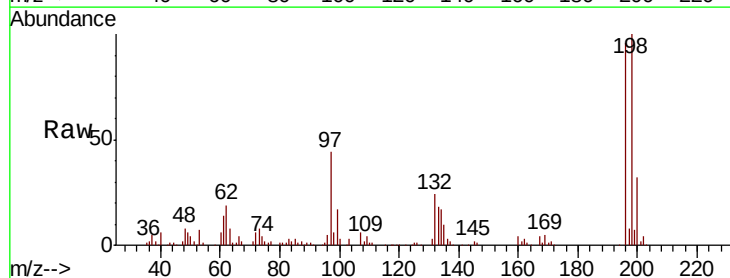
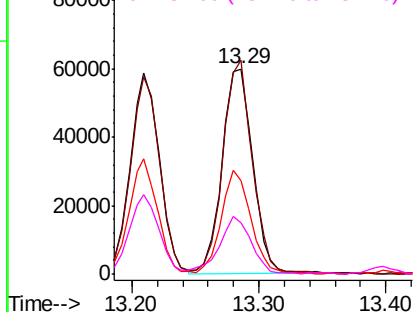
Abundance

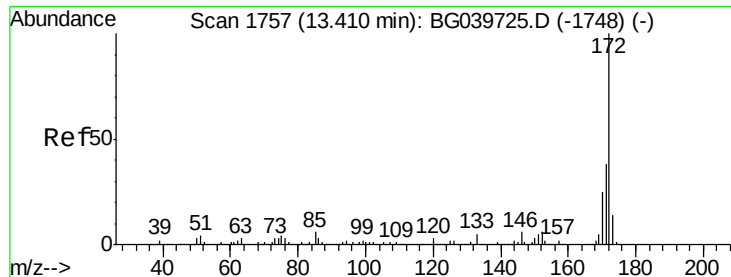
Ion 196.00 (195.70 to 196.70): E

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

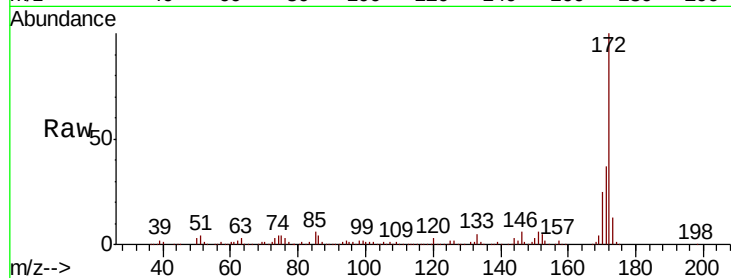




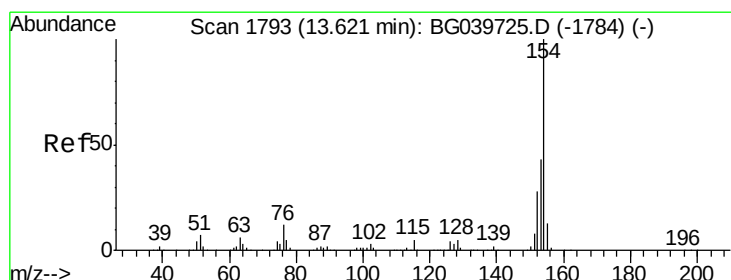
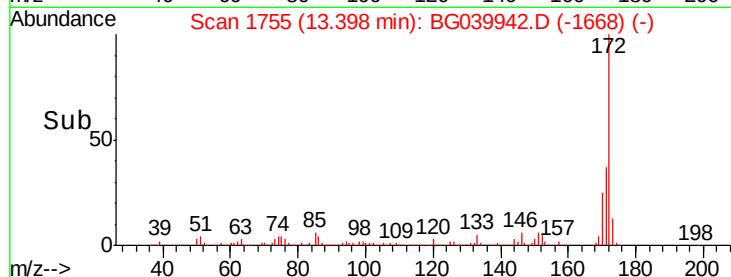
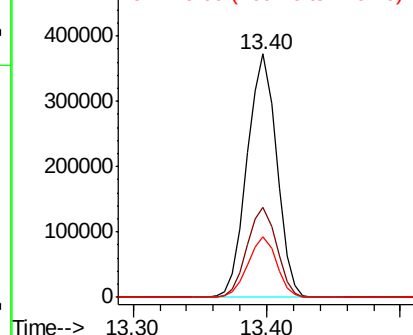
#45
2-Fluorobiphenyl
Concen: 79.157 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG039942.D
Acq: 15 Mar 2019 15:31

Instrument :
BNA_G
ClientSampleId :
PB117964BS

Tgt Ion:172 Resp: 568289
Ion Ratio Lower Upper
172 100
171 36.8 30.8 46.2
170 24.7 20.2 30.4

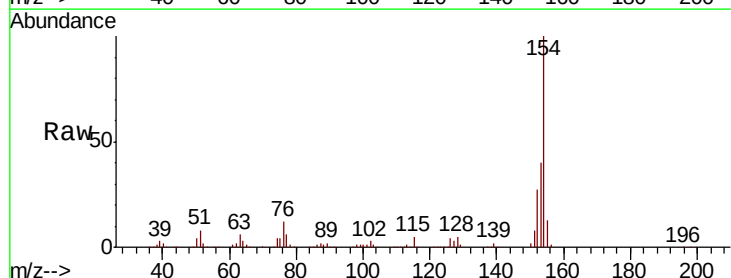


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

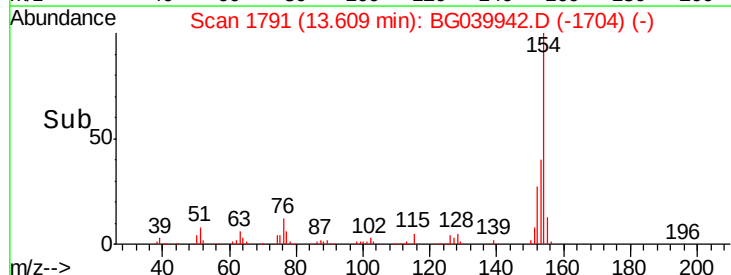
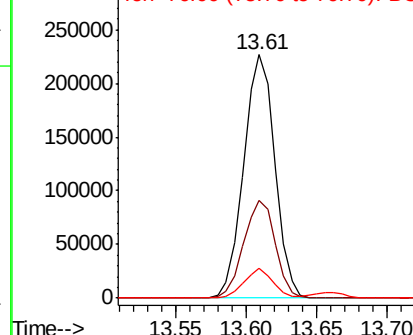


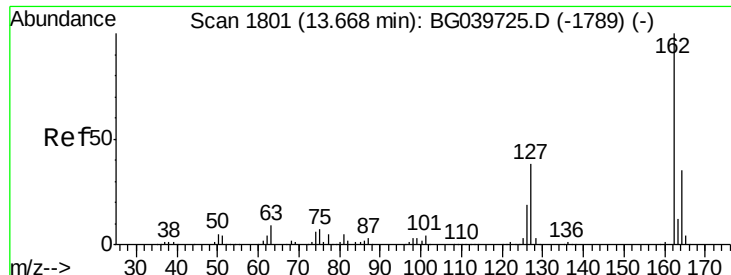
#46
1,1'-Biphenyl
Concen: 41.618 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BG039942.D
Acq: 15 Mar 2019 15:31

Tgt Ion:154 Resp: 349909
Ion Ratio Lower Upper
154 100
153 40.2 22.1 62.1
76 12.3 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

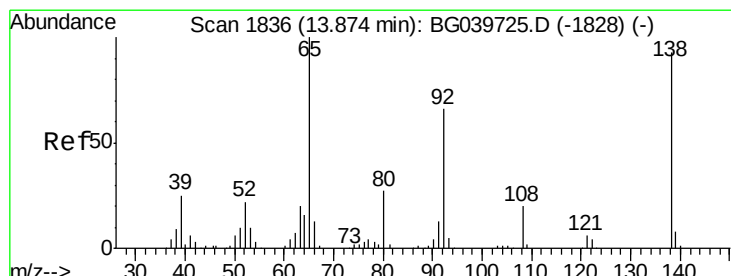
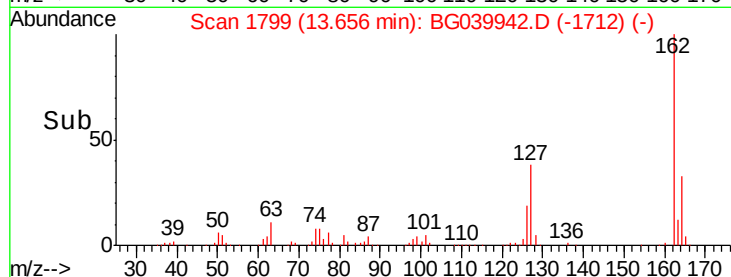
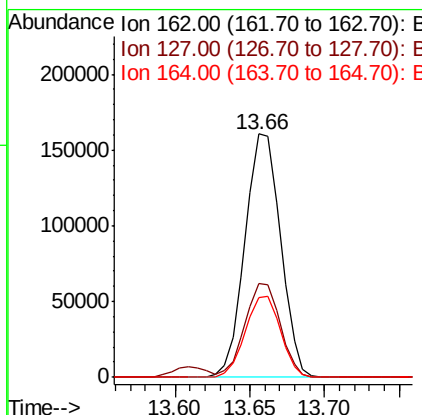
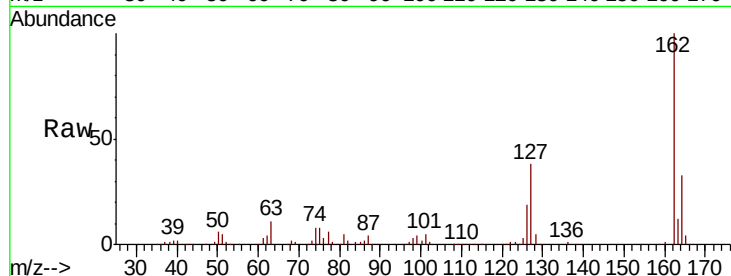




#47
 2-Chloronaphthalene
 Concen: 41.824 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG039942.D
 Acq: 15 Mar 2019 15:31

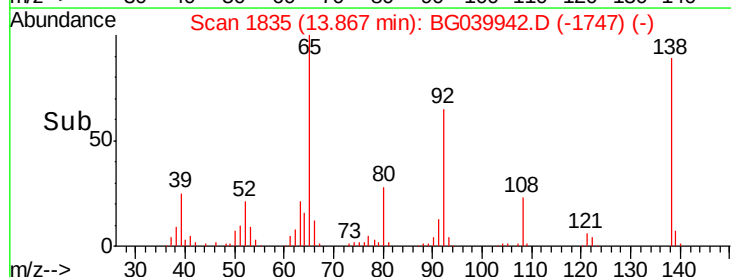
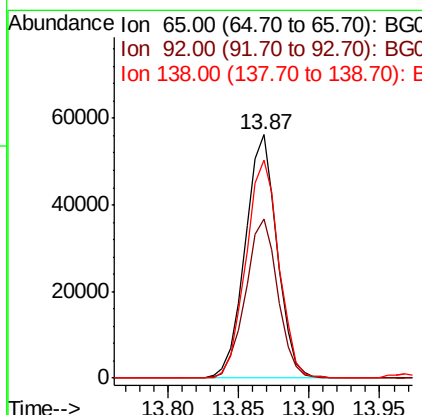
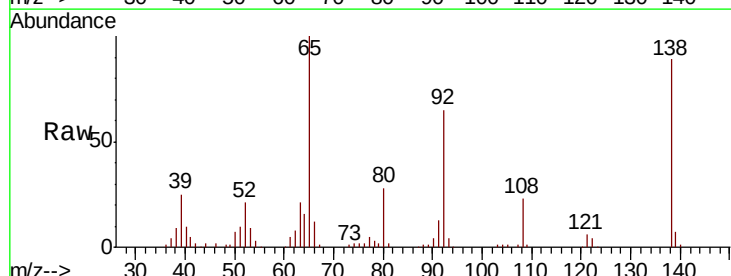
Instrument :
 BNA_G
 ClientSampleId :
 PB117964BS

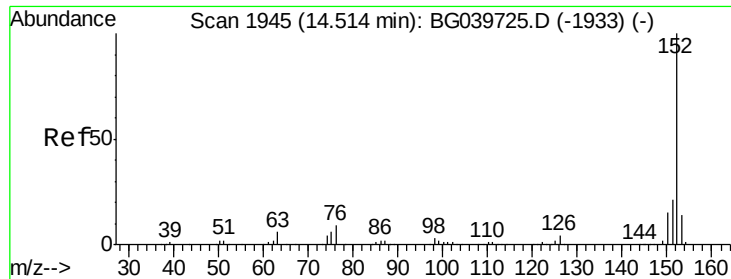
Tgt Ion: 162 Resp: 264533
 Ion Ratio Lower Upper
 162 100
 127 38.4 31.0 46.6
 164 32.7 25.7 38.5



#48
 2-Nitroaniline
 Concen: 43.731 ng
 RT: 13.87 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BG039942.D
 Acq: 15 Mar 2019 15:31

Tgt Ion: 65 Resp: 88889
 Ion Ratio Lower Upper
 65 100
 92 65.2 51.4 77.2
 138 89.4 71.4 107.2





#49

Acenaphthylene

Concen: 40.700 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

Instrument :

BNA_G

ClientSampleId :

PB117964BS

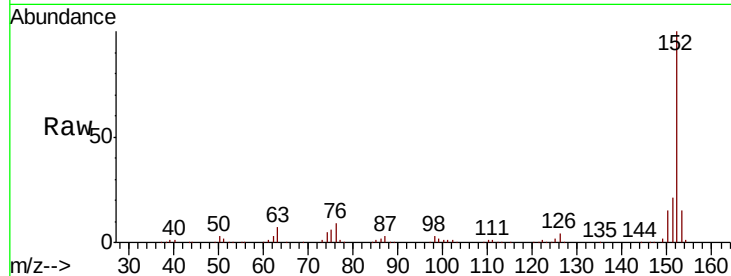
Tgt Ion:152 Resp: 422587

Ion Ratio Lower Upper

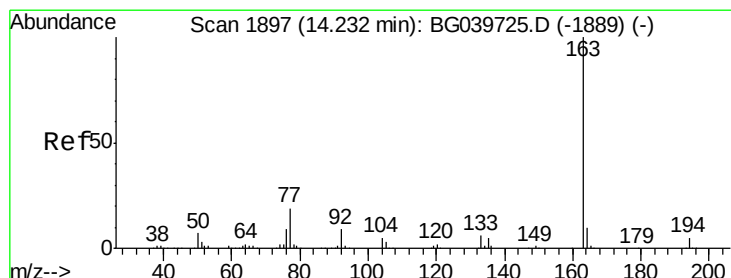
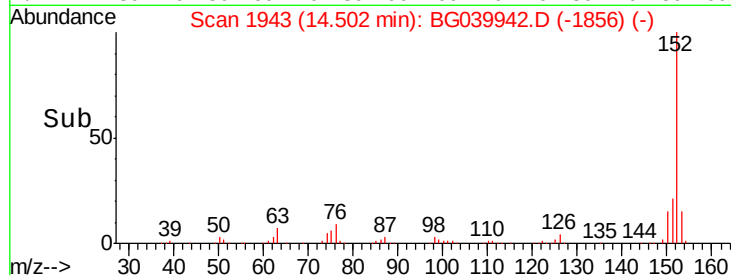
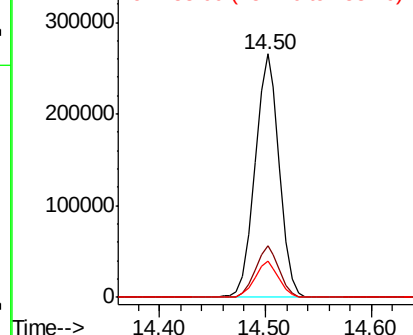
152 100

151 21.4 16.8 25.2

153 14.9 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: 40.772 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

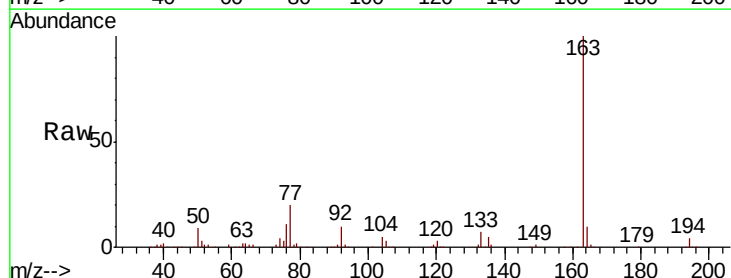
Tgt Ion:163 Resp: 348500

Ion Ratio Lower Upper

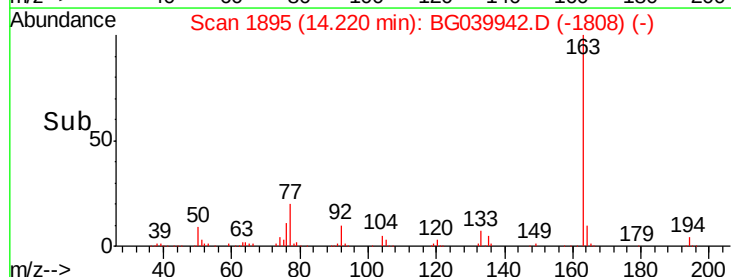
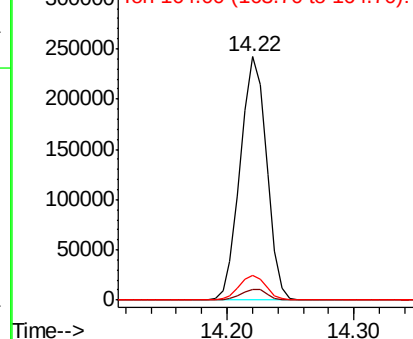
163 100

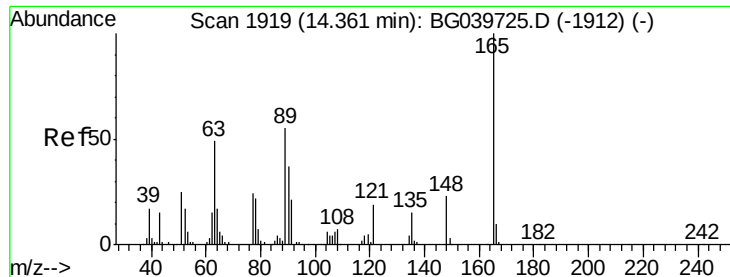
194 4.3 3.6 5.4

164 10.3 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

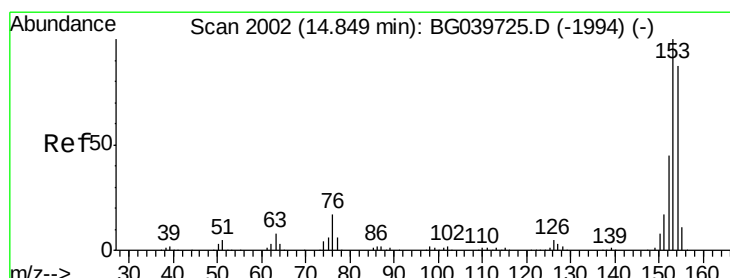
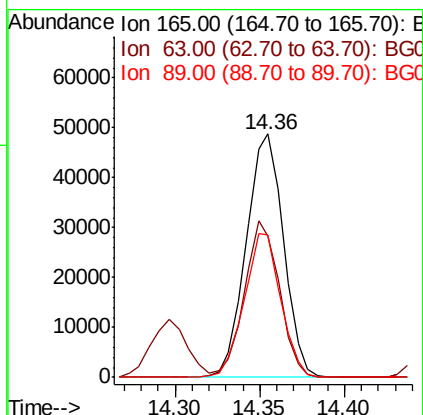
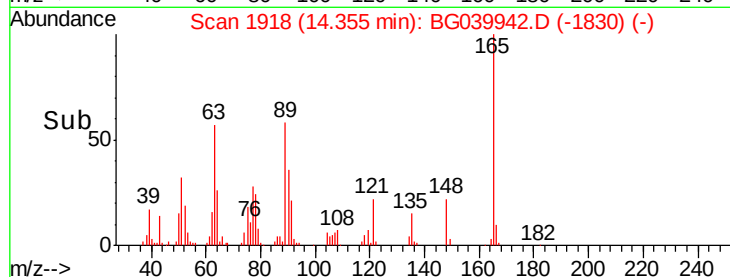
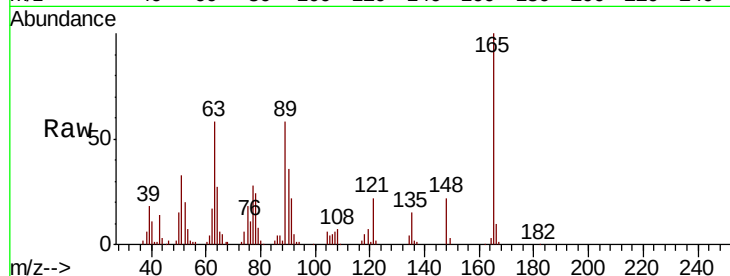




#51
 2,6-Dinitrotoluene
 Concen: 41.287 ng
 RT: 14.36 min Scan# 1918
 Delta R.T. -0.01 min
 Lab File: BG039942.D
 Acq: 15 Mar 2019 15:31

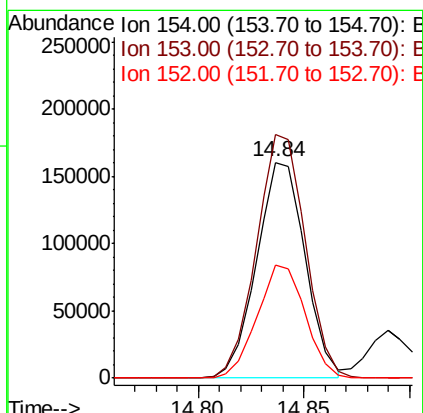
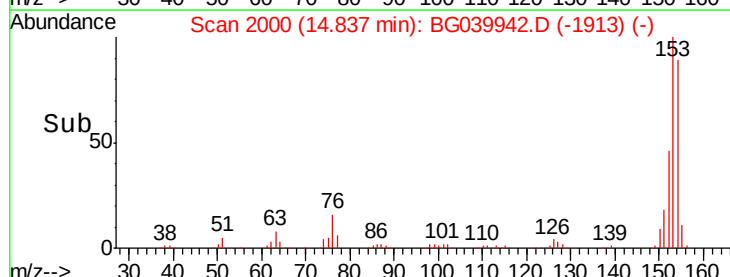
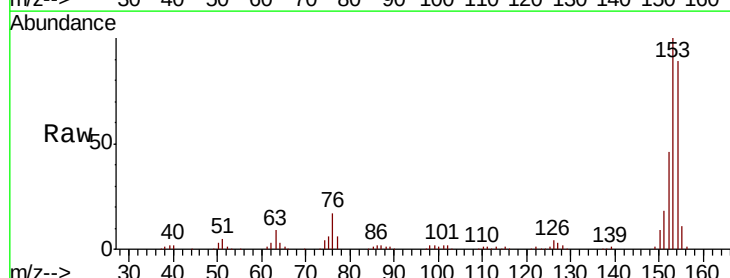
Instrument :
 BNA_G
 ClientSampleId :
 PB117964BS

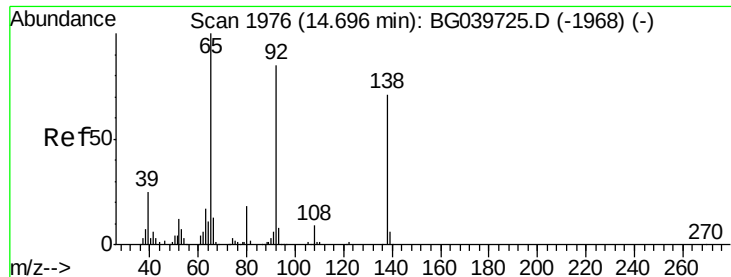
Tgt Ion:165 Resp: 74814
 Ion Ratio Lower Upper
 165 100
 63 58.1 47.0 70.6
 89 58.3 45.8 68.8



#52
 Acenaphthene
 Concen: 41.008 ng
 RT: 14.84 min Scan# 2000
 Delta R.T. -0.02 min
 Lab File: BG039942.D
 Acq: 15 Mar 2019 15:31

Tgt Ion:154 Resp: 256269
 Ion Ratio Lower Upper
 154 100
 153 112.8 90.1 135.1
 152 52.3 40.9 61.3

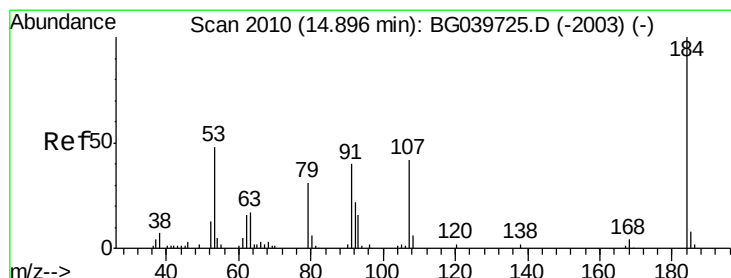
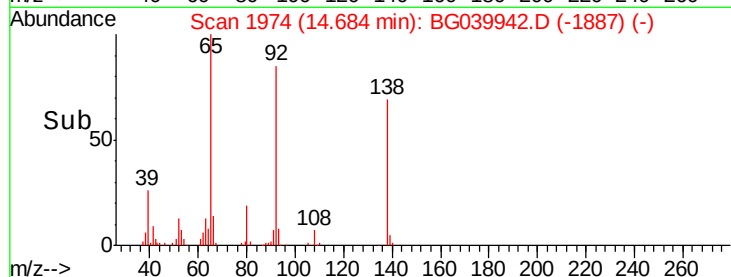
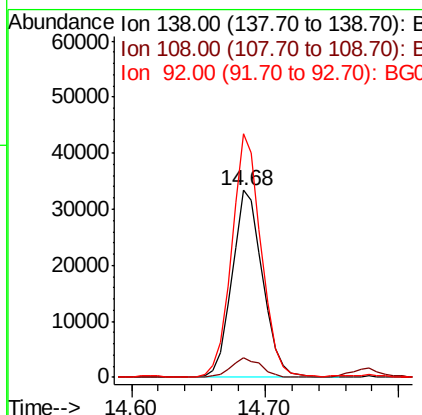
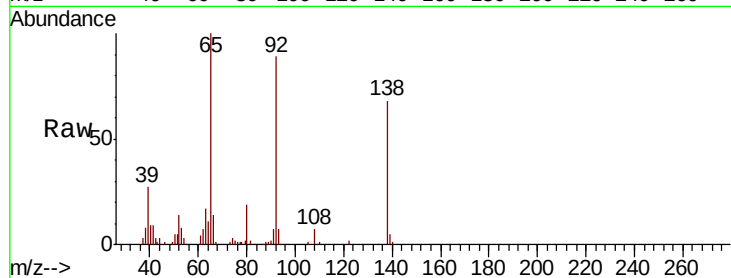




#53
3-Nitroaniline
Concen: 29.134 ng
RT: 14.68 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG039942.D
Acq: 15 Mar 2019 15:31

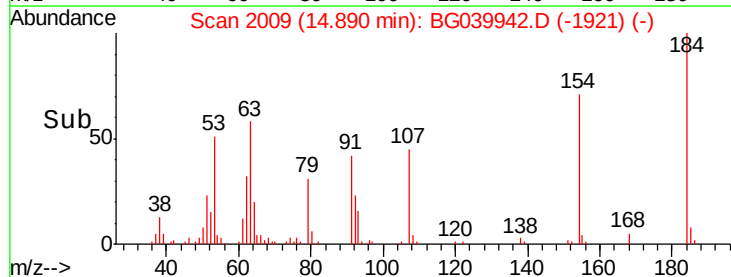
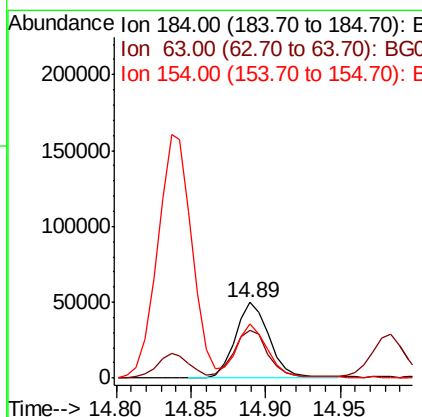
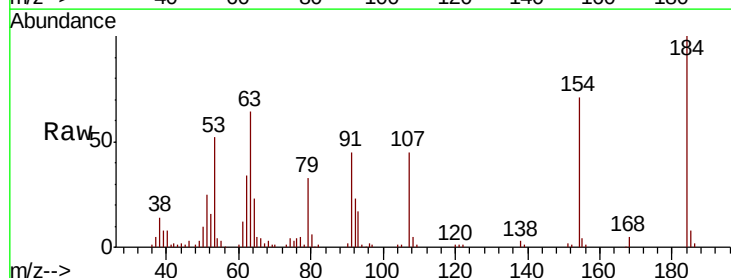
Instrument :
BNA_G
ClientSampleId :
PB117964BS

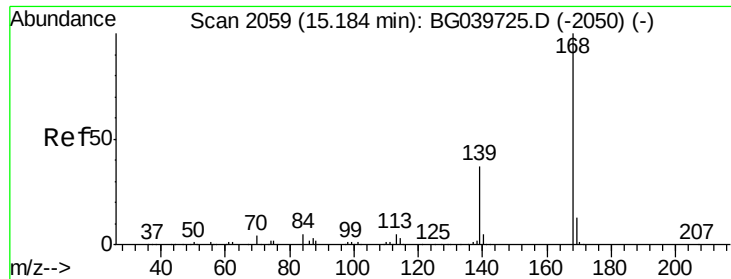
Tgt Ion:138 Resp: 53068
Ion Ratio Lower Upper
138 100
108 10.4 13.8 20.8#
92 130.1 103.7 155.5



#54
2,4-Dinitrophenol
Concen: 70.214 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG039942.D
Acq: 15 Mar 2019 15:31

Tgt Ion:184 Resp: 79450
Ion Ratio Lower Upper
184 100
63 63.5 50.9 76.3
154 70.7 53.0 79.6





#55

Dibenzenofuran

Concen: 41.228 ng

RT: 15.17 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

Instrument :

BNA_G

ClientSampleId :

PB117964BS

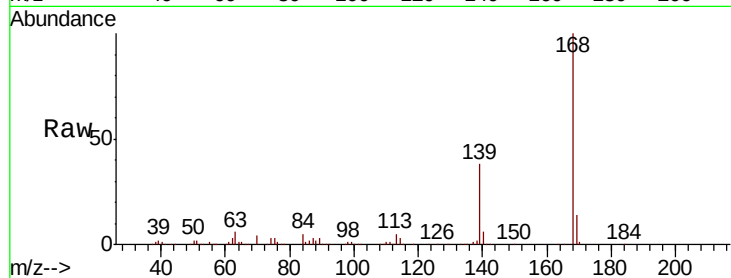
Tgt Ion:168 Resp: 422721

Ion Ratio Lower Upper

168 100

139 38.3 30.1 45.1

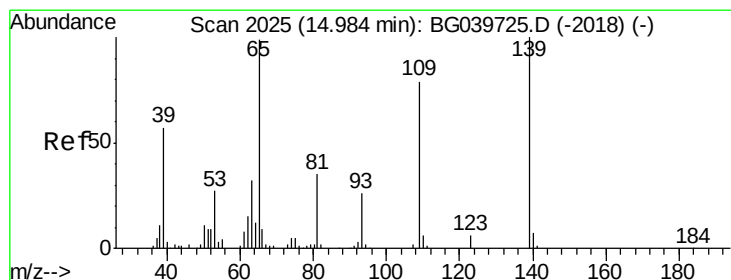
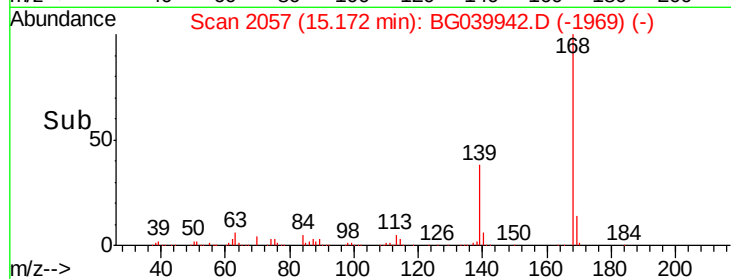
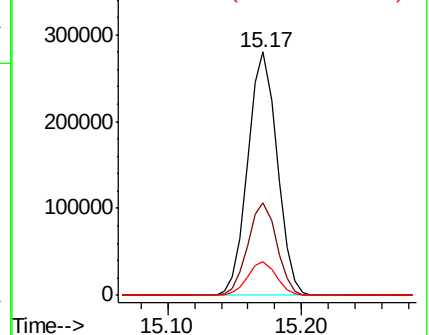
169 13.7 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 81.941 ng

RT: 14.98 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

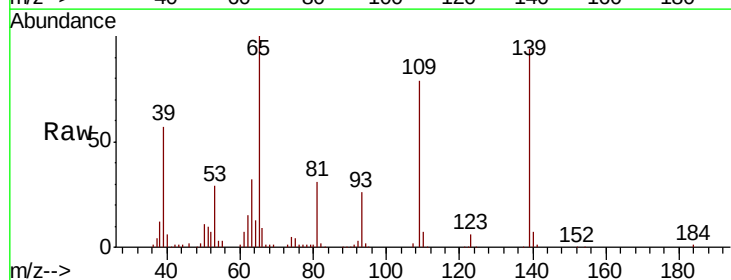
Tgt Ion:139 Resp: 133519

Ion Ratio Lower Upper

139 100

109 84.2 61.9 101.9

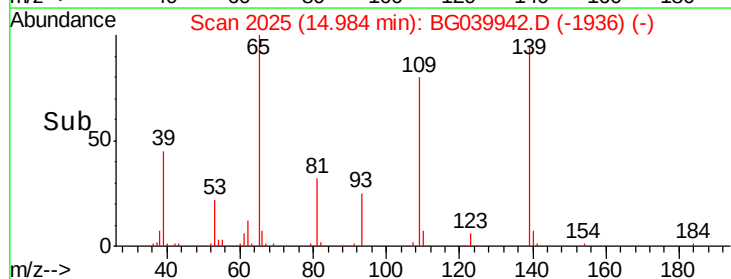
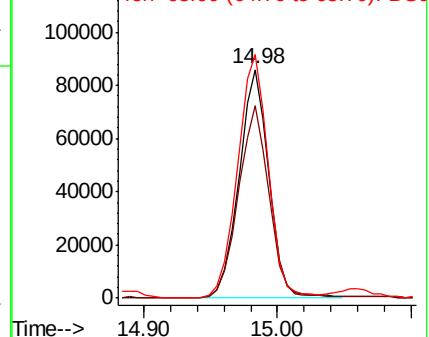
65 106.4 99.1 139.1

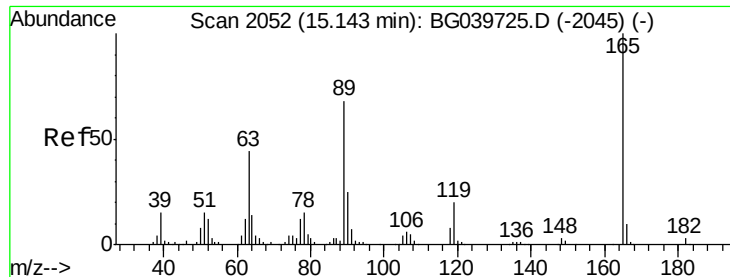


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

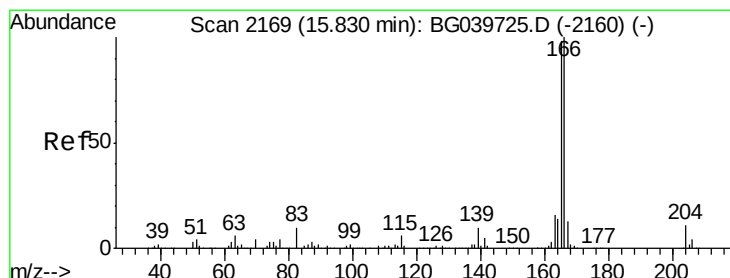
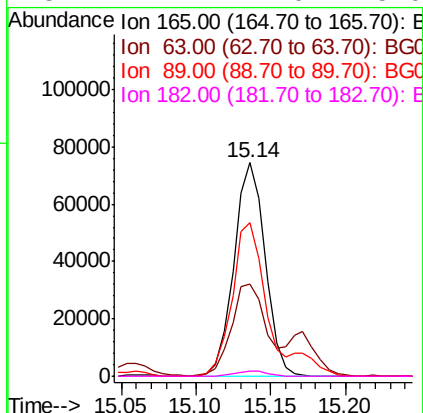
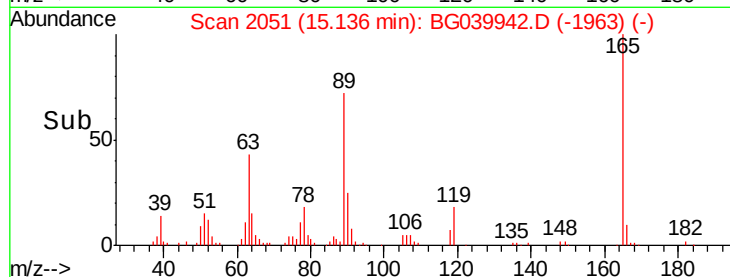
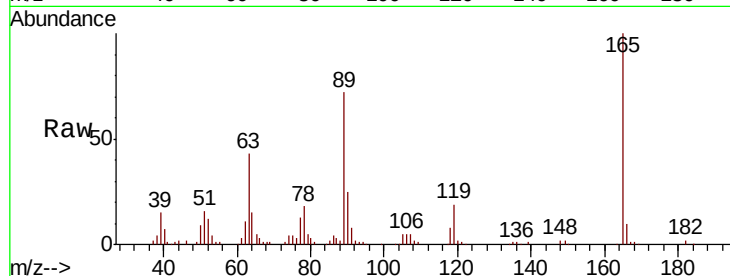




#57
2,4-Dinitrotoluene
Concen: 42.509 ng
RT: 15.14 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BG039942.D
Acq: 15 Mar 2019 15:31

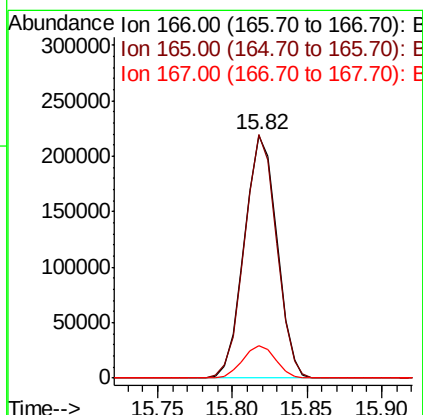
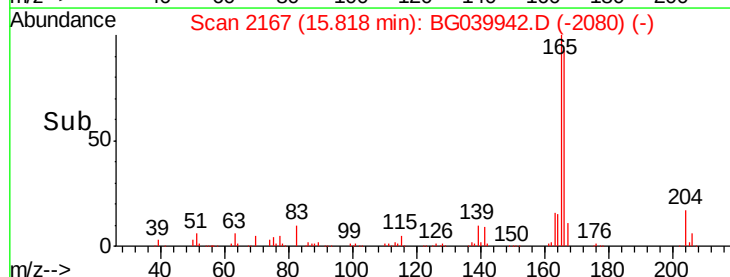
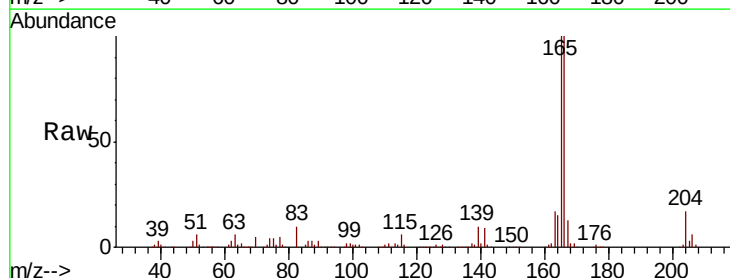
Instrument :
BNA_G
ClientSampleId :
PB117964BS

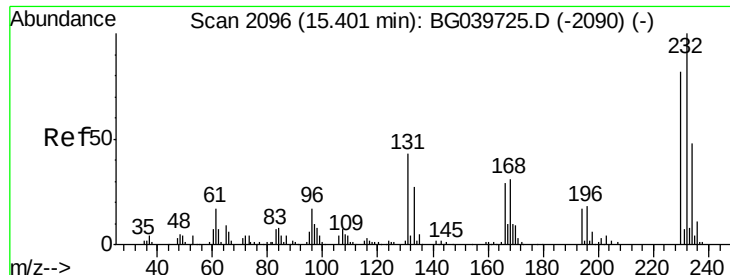
Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.4	41.0	61.6
89	71.7	64.6	96.8
182	2.4	2.0	3.0



#58
Fluorene
Concen: 40.890 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BG039942.D
Acq: 15 Mar 2019 15:31

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

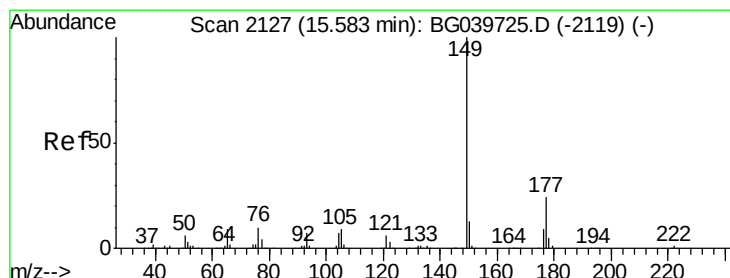
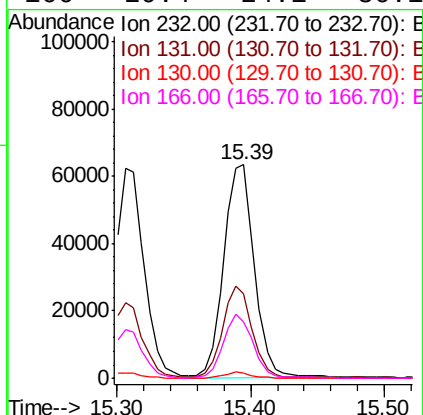
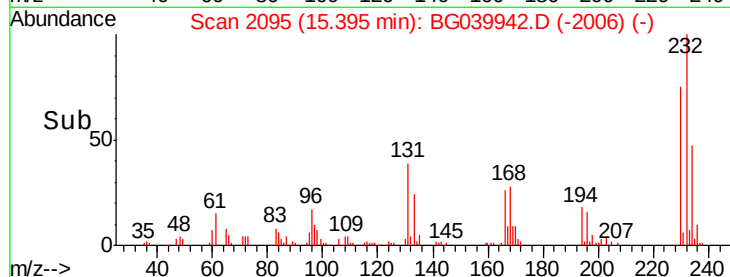
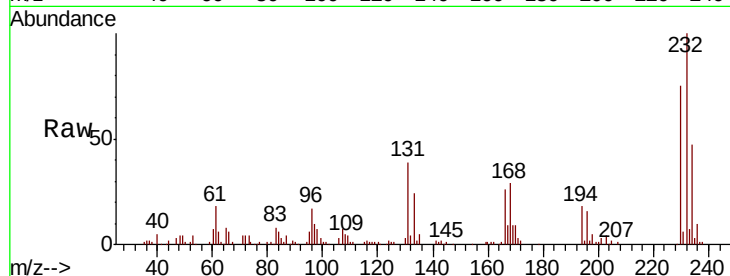




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.571 ng
 RT: 15.39 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BG039942.D
 Acq: 15 Mar 2019 15:31

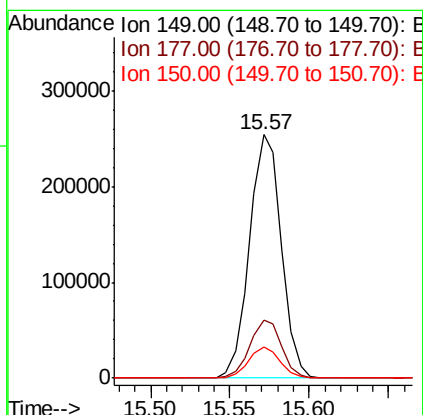
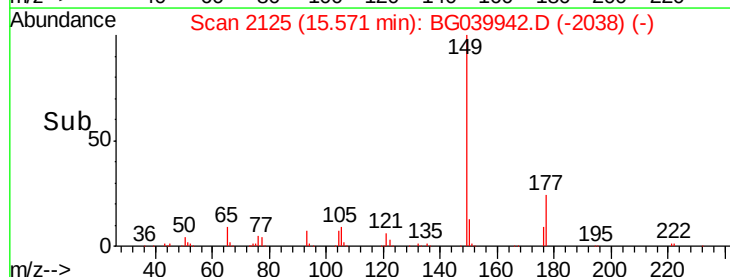
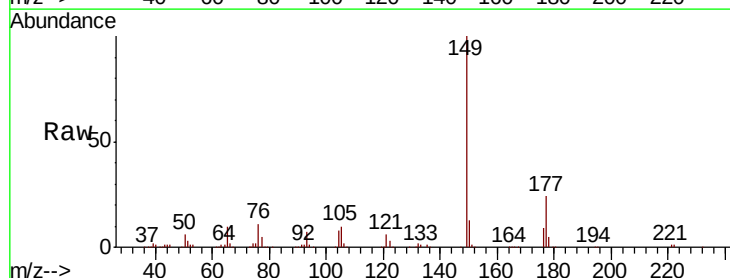
Instrument :
 BNA_G
 ClientSampleId :
 PB117964BS

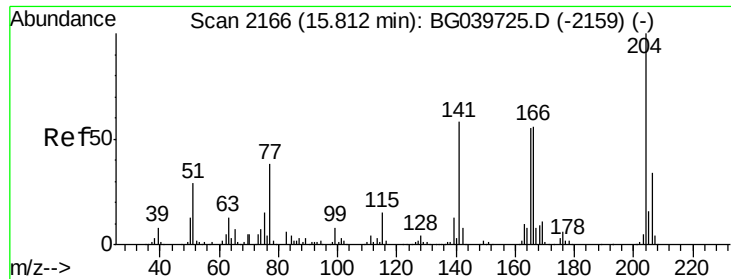
Tgt Ion:	232	Resp:	101708
Ion	Ratio	Lower	Upper
232	100		
131	41.4	34.9	52.3
130	2.5	2.0	3.0
166	29.4	24.1	36.1



#60
 Diethylphthalate
 Concen: 41.803 ng
 RT: 15.57 min Scan# 2125
 Delta R.T. -0.02 min
 Lab File: BG039942.D
 Acq: 15 Mar 2019 15:31

Tgt Ion:	149	Resp:	353719
Ion	Ratio	Lower	Upper
149	100		
177	23.9	18.3	27.5
150	13.0	10.2	15.2

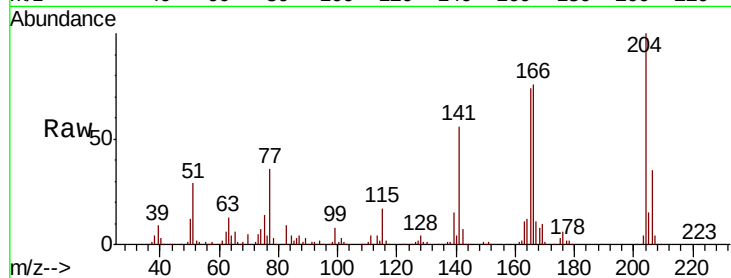




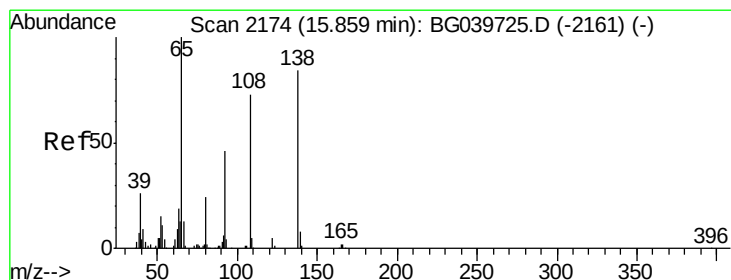
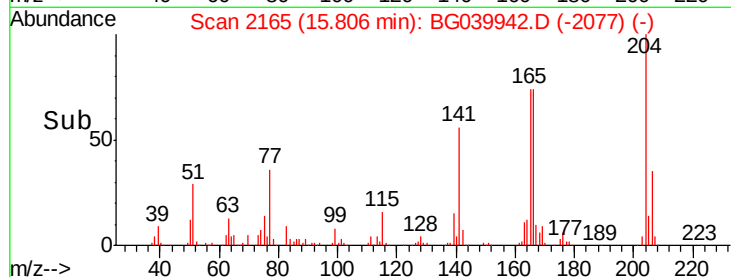
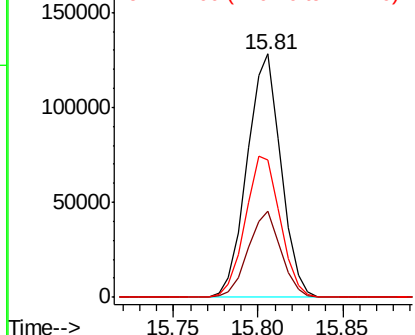
#61
4-Chlorophenyl-phenylether
Concen: 41.473 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BG039942.D
Acq: 15 Mar 2019 15:31

Instrument :
BNA_G
ClientSampleId :
PB117964BS

Tgt Ion: 204 Resp: 178385
Ion Ratio Lower Upper
204 100
206 35.2 29.2 43.8
141 56.2 49.0 73.4

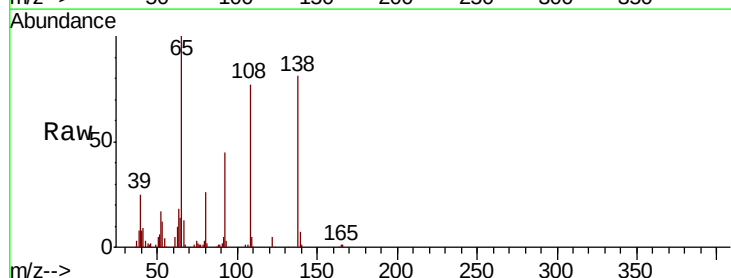


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

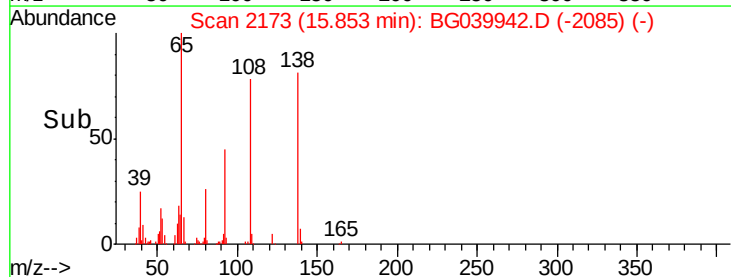
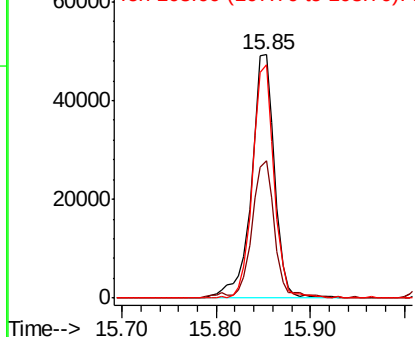


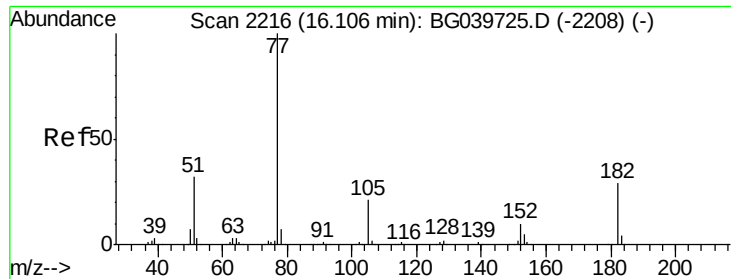
#62
4-Nitroaniline
Concen: 42.212 ng
RT: 15.85 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG039942.D
Acq: 15 Mar 2019 15:31

Tgt Ion: 138 Resp: 83356
Ion Ratio Lower Upper
138 100
92 56.2 38.7 78.7
108 95.9 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: 42.097 ng

RT: 16.10 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

Instrument :

BNA_G

ClientSampleId :

PB117964BS

Tgt Ion: 77 Resp: 322892

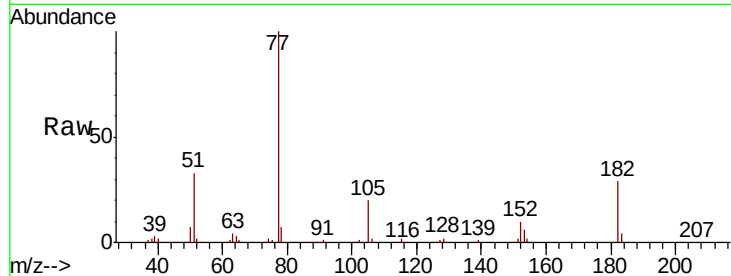
Ion Ratio Lower Upper

77 100

182 29.5 6.4 46.4

105 20.2 0.0 39.8

51 33.5 14.1 54.1

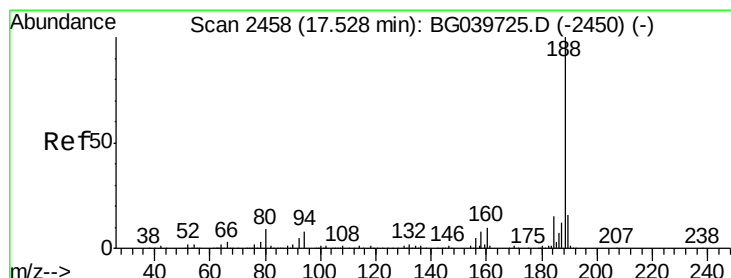
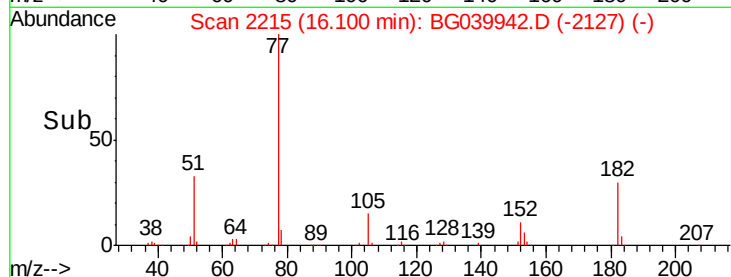
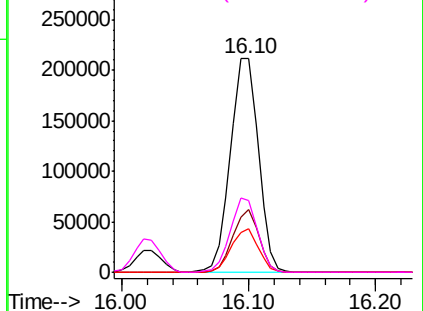


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

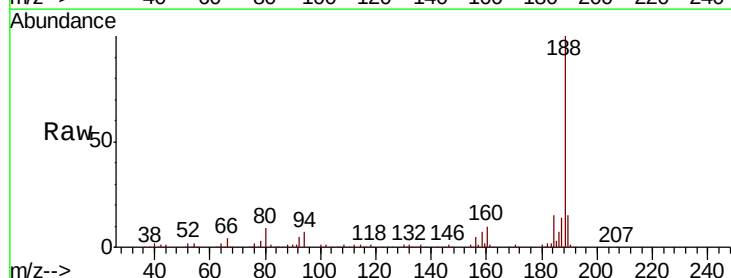
Tgt Ion: 188 Resp: 254573

Ion Ratio Lower Upper

188 100

94 7.5 6.9 10.3

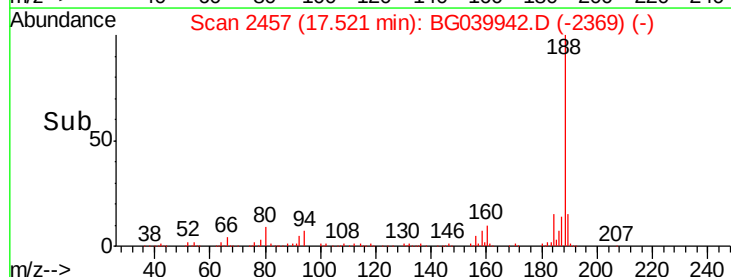
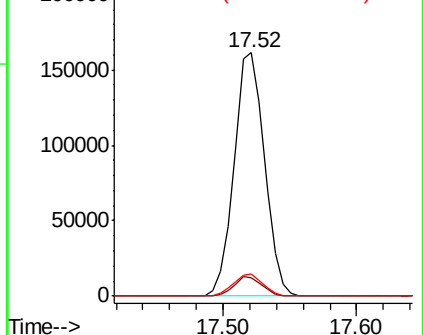
80 8.9 8.1 12.1

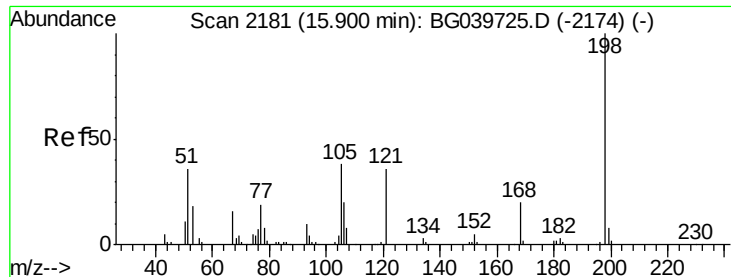


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 41.170 ng

RT: 15.89 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

Instrument :

BNA_G

ClientSampleId :

PB117964BS

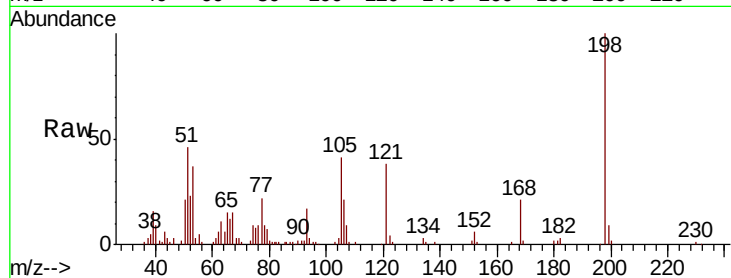
Tgt Ion:198 Resp: 61970

Ion Ratio Lower Upper

198 100

51 45.9 27.4 67.4

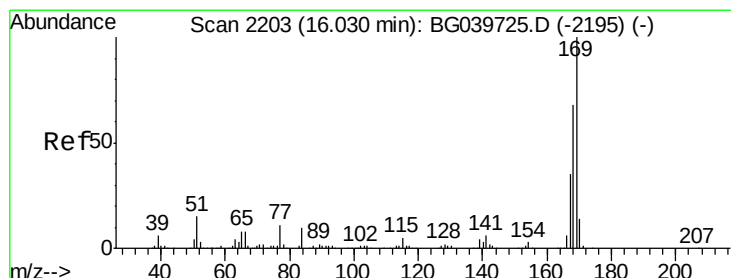
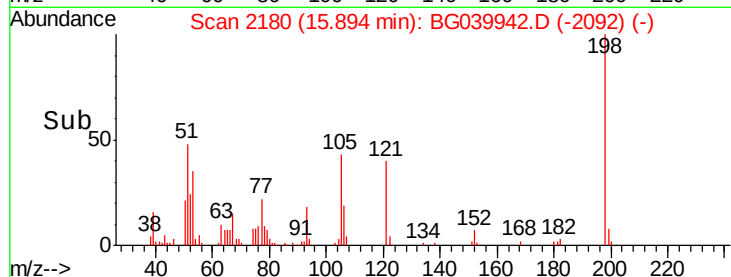
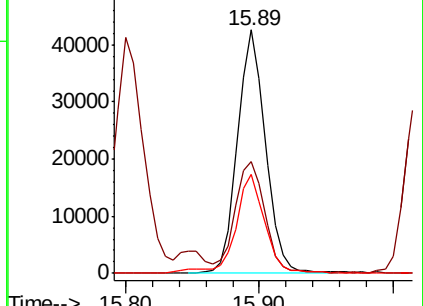
105 40.8 19.7 59.7



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: 41.314 ng

RT: 16.02 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

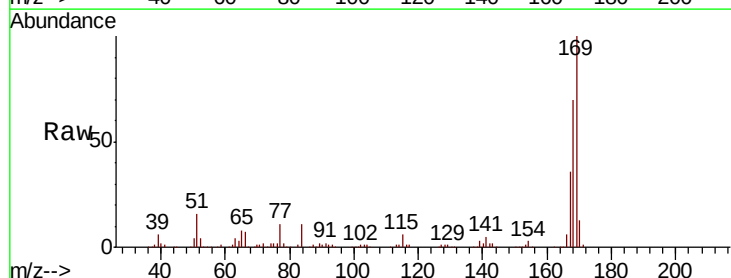
Tgt Ion:169 Resp: 304482

Ion Ratio Lower Upper

169 100

168 69.9 56.6 85.0

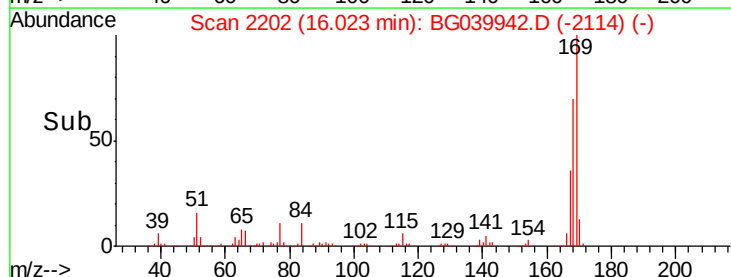
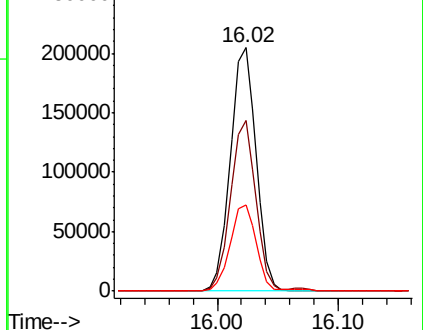
167 35.6 28.8 43.2

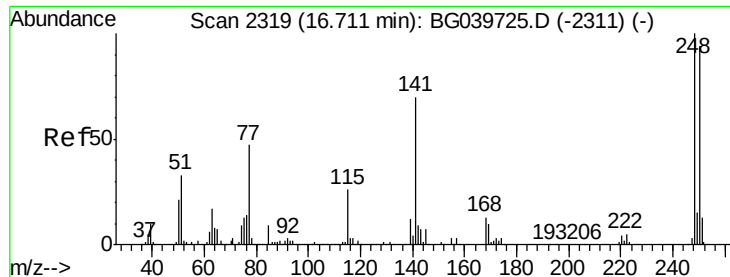


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

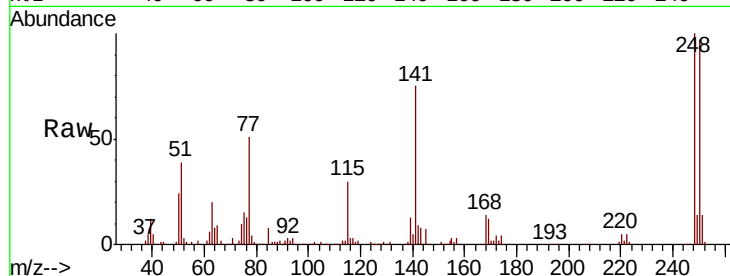




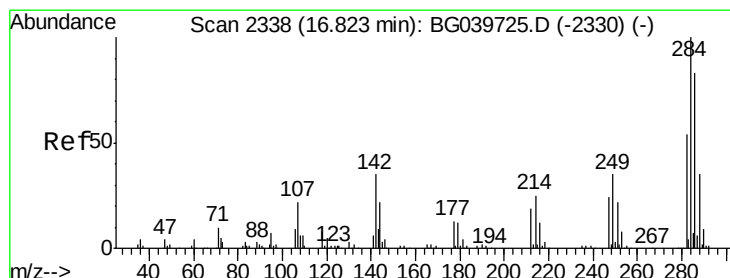
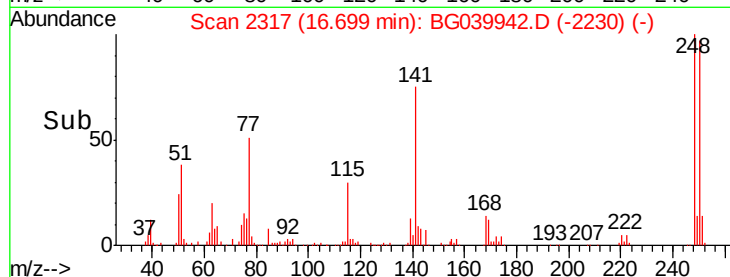
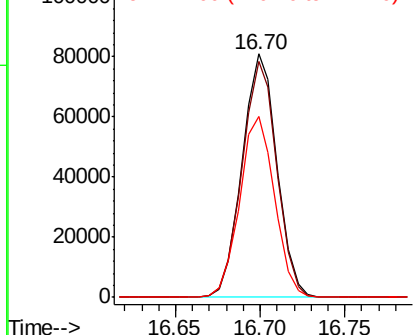
#67
4-Bromophenyl-phenylether
Concen: 40.668 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.02 min
Lab File: BG039942.D
Acq: 15 Mar 2019 15:31

Instrument :
BNA_G
ClientSampleId :
PB117964BS

Tgt Ion:248 Resp: 115886
Ion Ratio Lower Upper
248 100
250 96.8 77.6 116.4
141 74.5 63.9 95.9

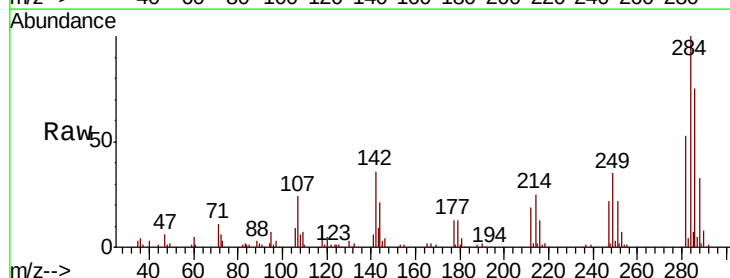


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

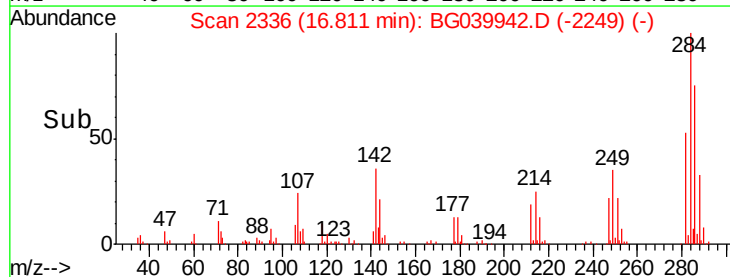
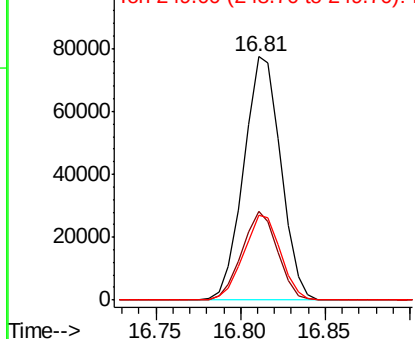


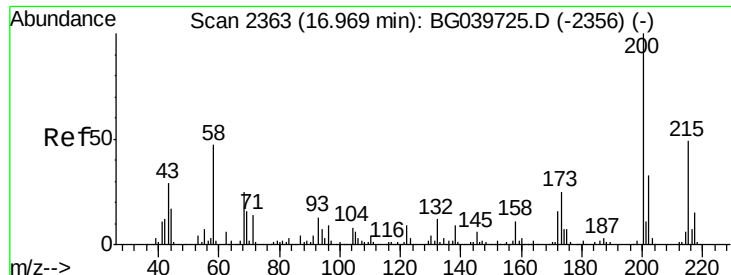
#68
Hexachlorobenzene
Concen: 40.025 ng
RT: 16.81 min Scan# 2336
Delta R.T. -0.02 min
Lab File: BG039942.D
Acq: 15 Mar 2019 15:31

Tgt Ion:284 Resp: 118224
Ion Ratio Lower Upper
284 100
142 36.3 30.6 45.8
249 34.9 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: 43.631 ng

RT: 16.96 min Scan# 2362

Delta R.T. -0.01 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

Instrument :

BNA_G

ClientSampleId :

PB117964BS

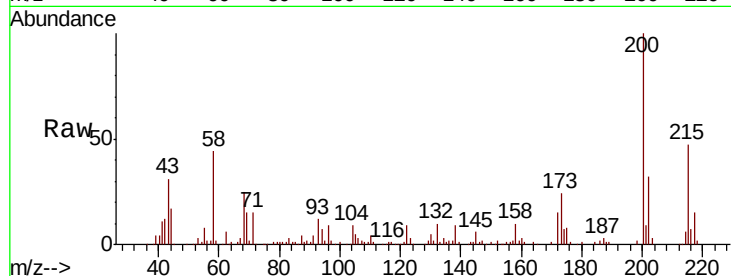
Tgt Ion:200 Resp: 126553

Ion Ratio Lower Upper

200 100

173 23.7 3.9 43.9

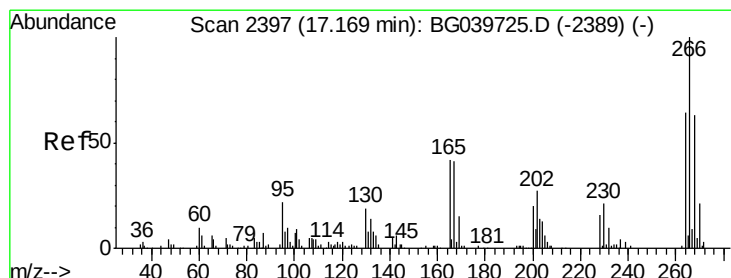
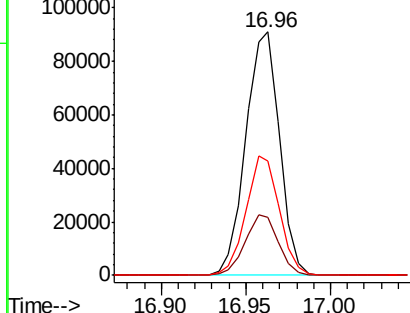
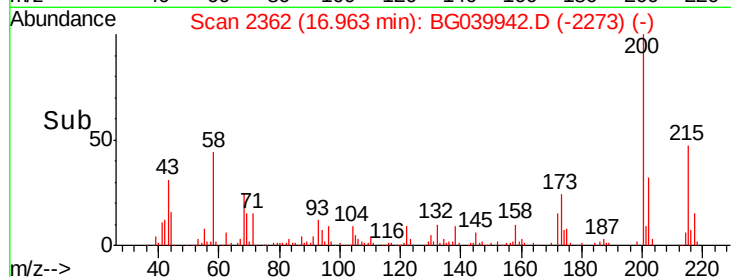
215 46.8 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 80.755 ng

RT: 17.16 min Scan# 2396

Delta R.T. -0.01 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

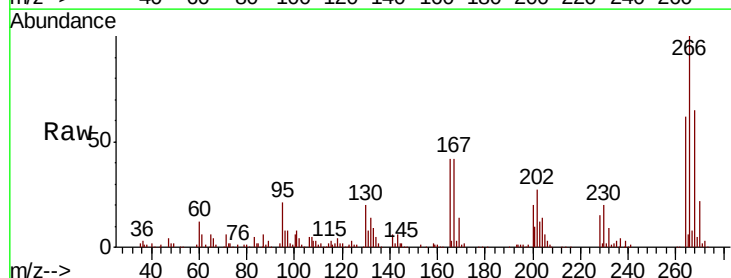
Tgt Ion:266 Resp: 150642

Ion Ratio Lower Upper

266 100

268 64.7 51.1 76.7

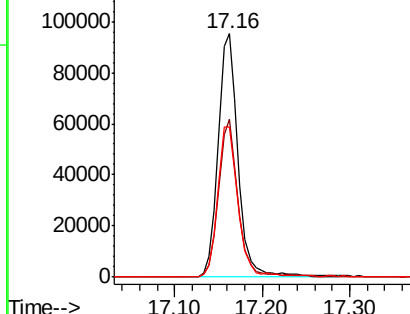
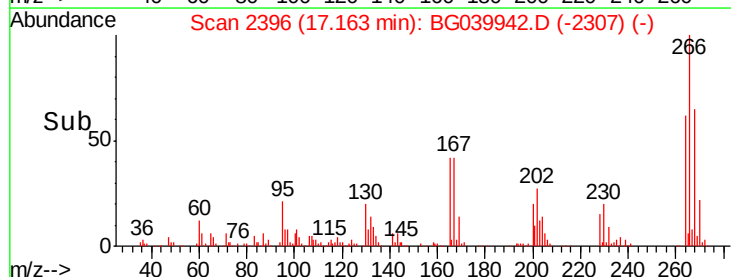
264 61.8 52.1 78.1

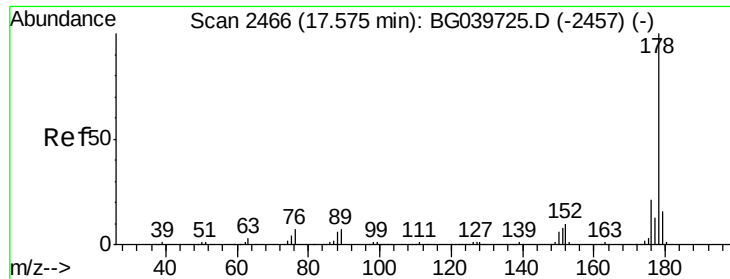


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.929 ng

RT: 17.56 min Scan# 2464

Delta R.T. -0.01 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

Instrument :

BNA_G

ClientSampleId :

PB117964BS

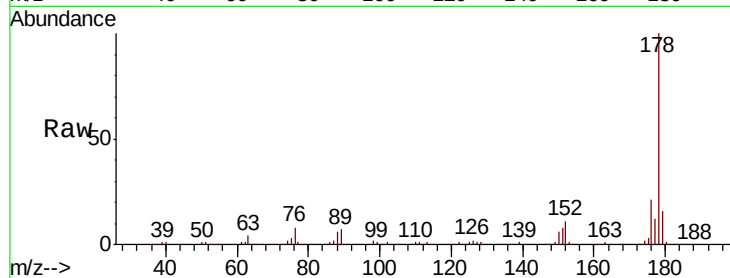
Tgt Ion:178 Resp: 573912

Ion Ratio Lower Upper

178 100

176 20.6 16.2 24.4

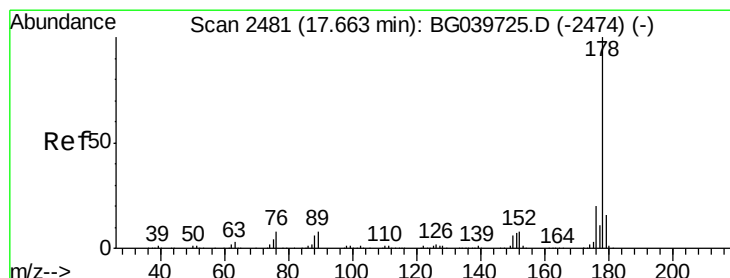
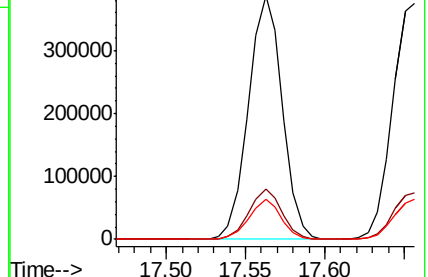
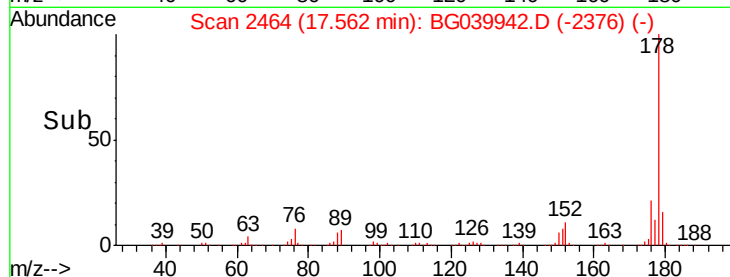
179 16.2 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.345 ng

RT: 17.66 min Scan# 2480

Delta R.T. -0.01 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

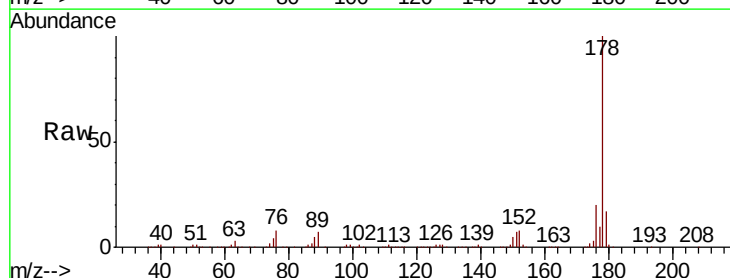
Tgt Ion:178 Resp: 578619

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

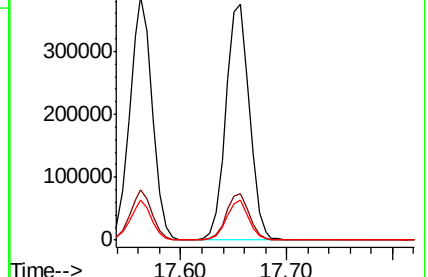
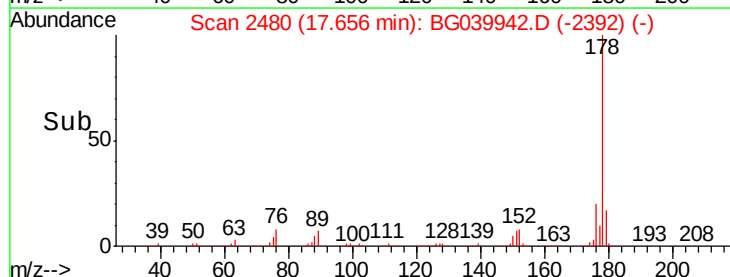
179 16.8 12.5 18.7

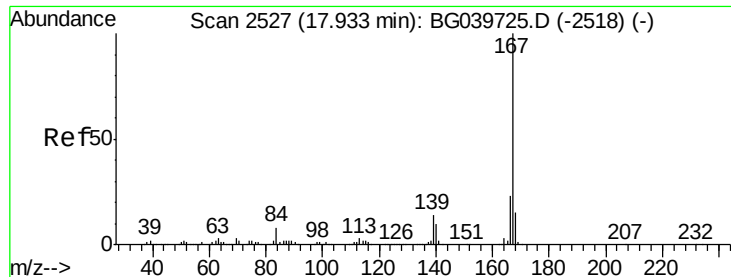


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

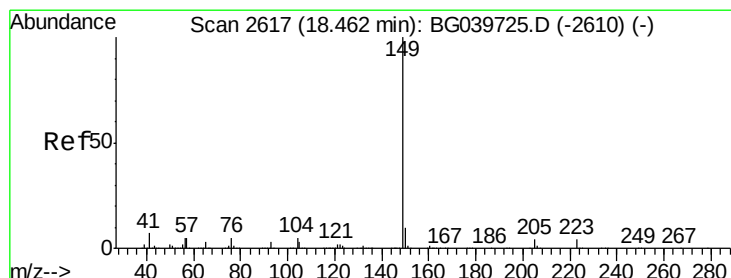
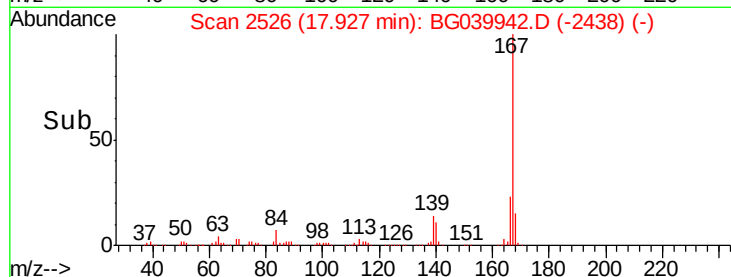
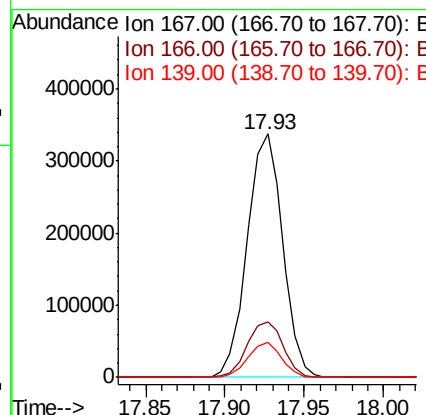
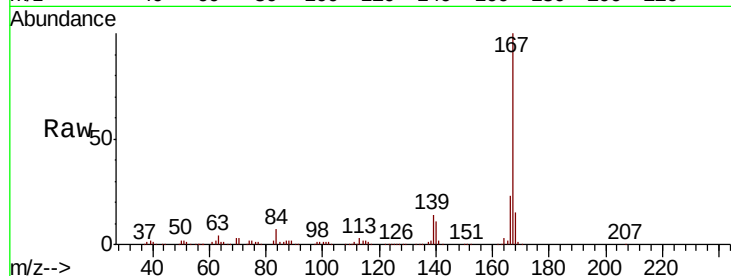




#73
 Carbazole
 Concen: 42.512 ng
 RT: 17.93 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BG039942.D
 Acq: 15 Mar 2019 15:31

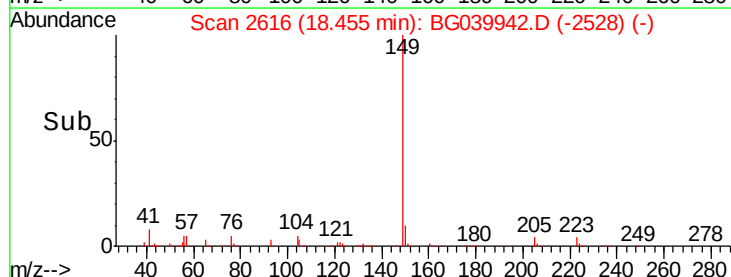
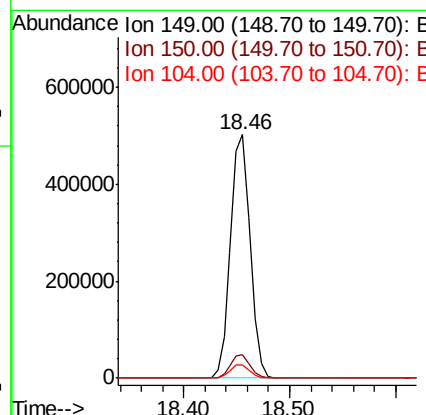
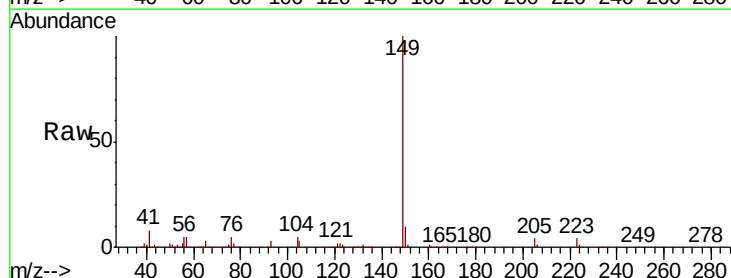
Instrument :
 BNA_G
 ClientSampleId :
 PB117964BS

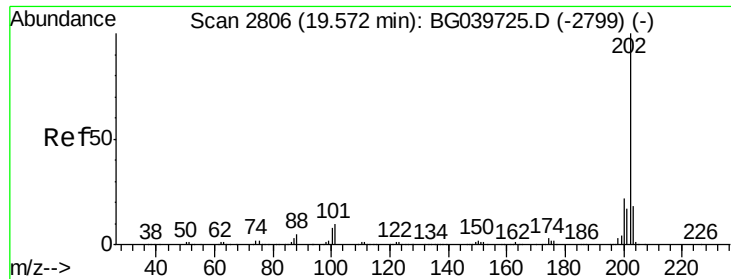
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.9	19.4	29.2
139	14.2	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 44.406 ng
 RT: 18.46 min Scan# 2616
 Delta R.T. -0.01 min
 Lab File: BG039942.D
 Acq: 15 Mar 2019 15:31

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	5.4	4.5	6.7





#75

Fluoranthene

Concen: 43.642 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

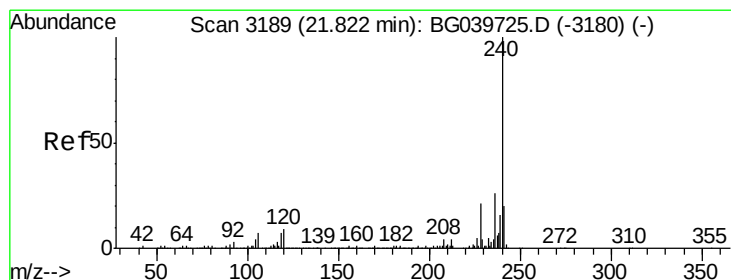
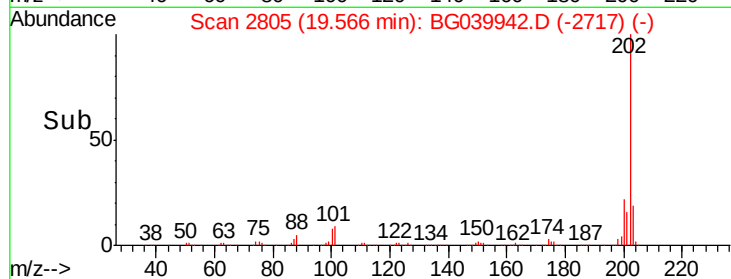
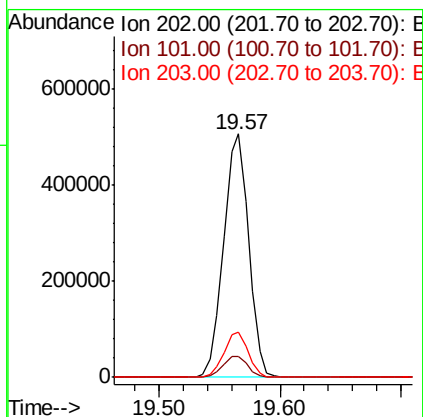
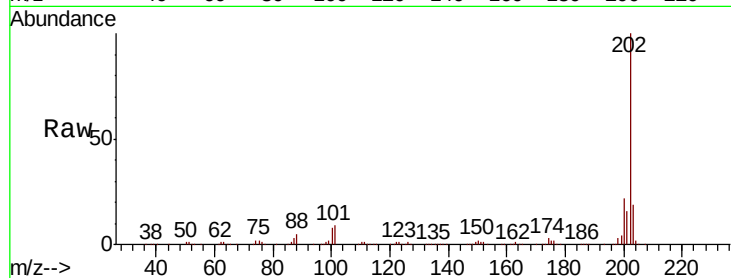
Instrument :

BNA_G

ClientSampleId :

PB117964BS

Tgt Ion:	202	Resp:	723217
Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	30.0
203	18.8	0.0	38.9



#76

Chrysene-d12

Concen: 20.000 ng

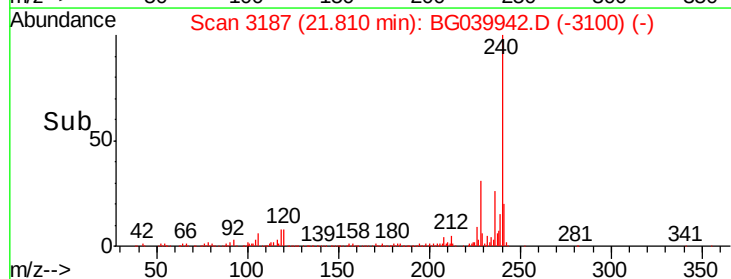
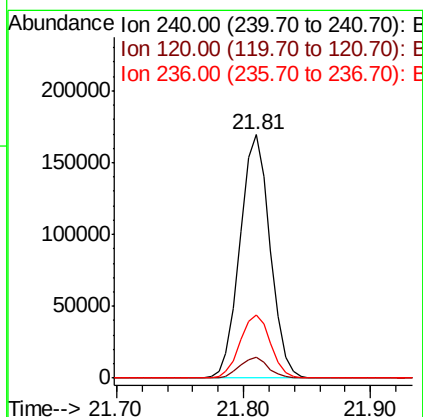
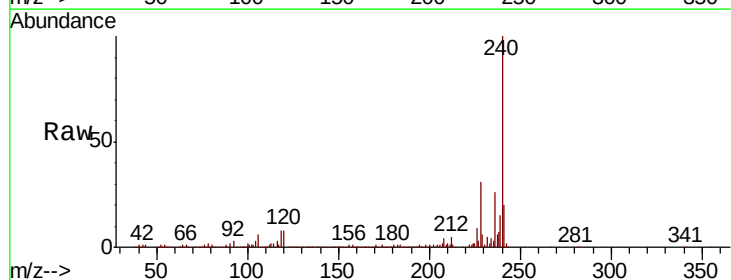
RT: 21.81 min Scan# 3187

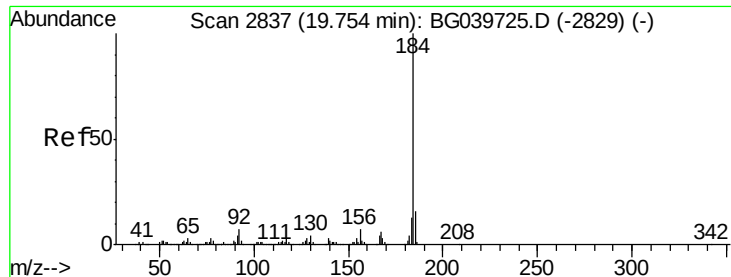
Delta R.T. -0.02 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

Tgt Ion:	240	Resp:	278611
Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.0	10.6
236	26.1	21.0	31.4





#77

Benzidine

Concen: 31.509 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

Instrument :

BNA_G

ClientSampleId :

PB117964BS

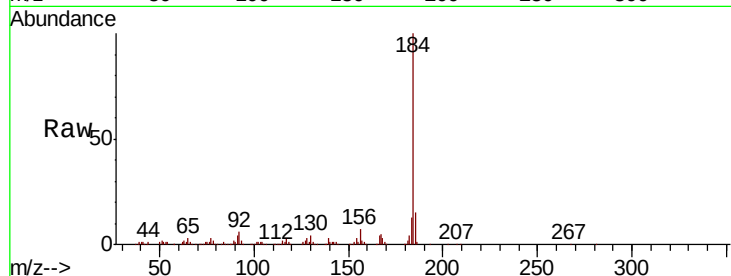
Tgt Ion:184 Resp: 278578

Ion Ratio Lower Upper

184 100

185 15.1 12.2 18.2

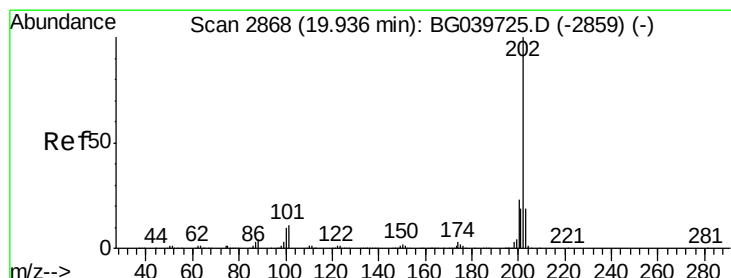
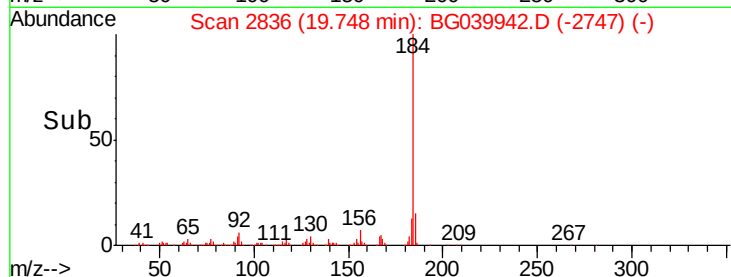
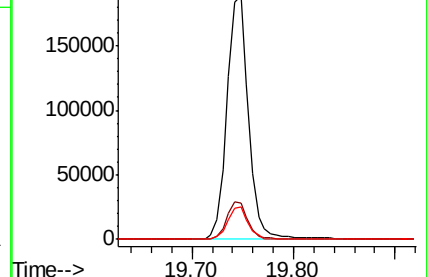
183 13.1 10.6 15.8



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: 40.146 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

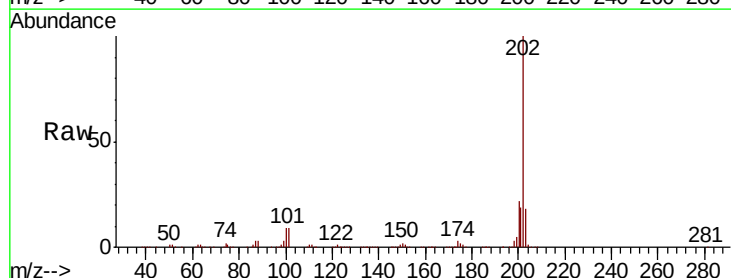
Tgt Ion:202 Resp: 726821

Ion Ratio Lower Upper

202 100

200 22.5 17.8 26.8

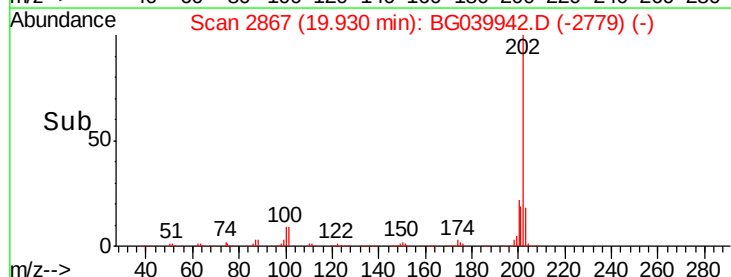
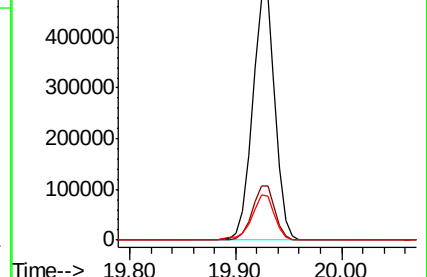
203 18.0 15.3 22.9

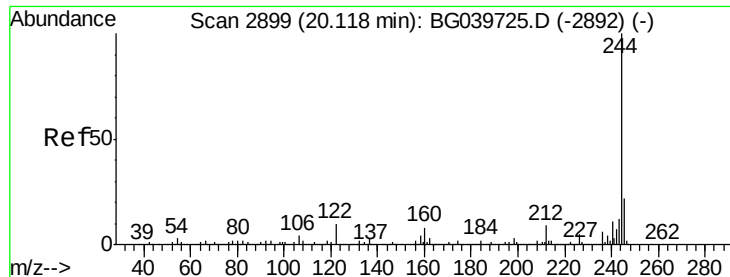


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.787 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

Instrument :

BNA_G

ClientSampleId :

PB117964BS

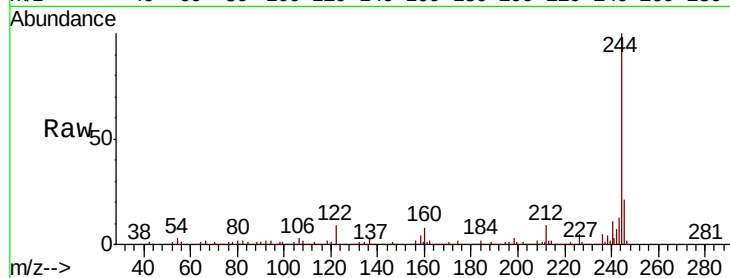
Tgt Ion:244 Resp: 996949

Ion Ratio Lower Upper

244 100

212 8.7 7.3 10.9

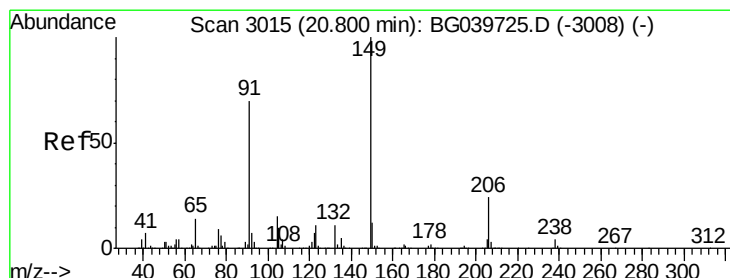
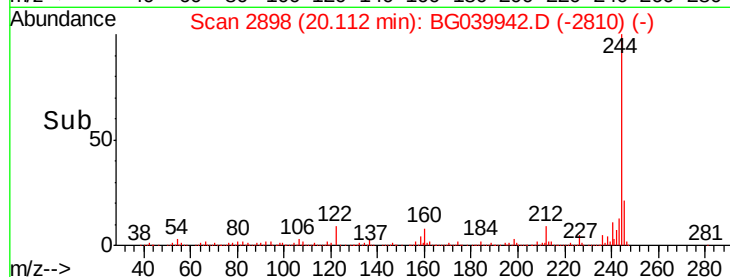
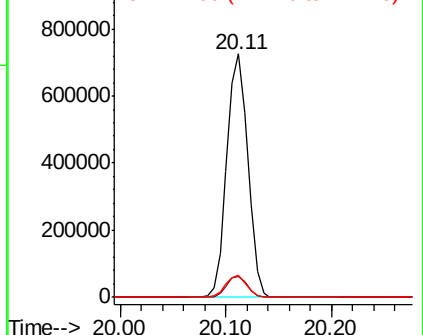
122 9.0 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.603 ng

RT: 20.79 min Scan# 3014

Delta R.T. -0.01 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

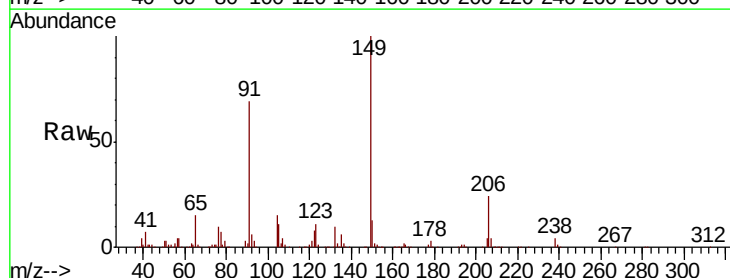
Tgt Ion:149 Resp: 305837

Ion Ratio Lower Upper

149 100

91 68.5 59.5 89.3

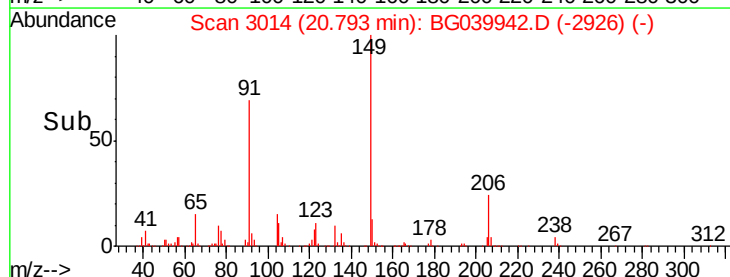
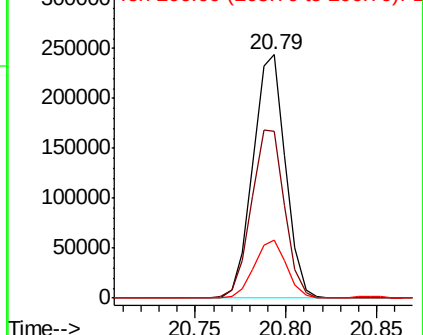
206 24.0 18.6 27.8

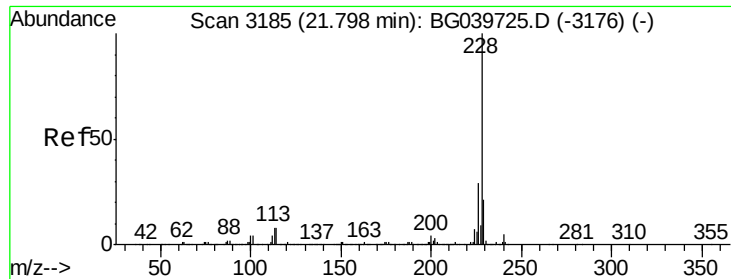


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

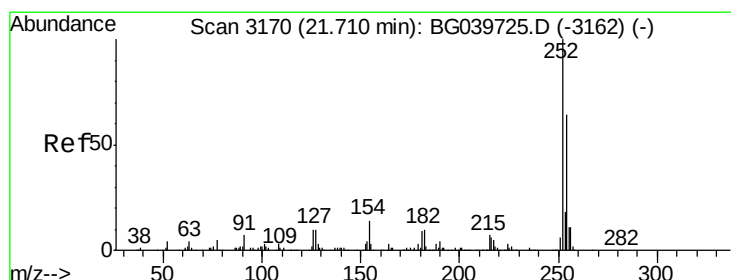
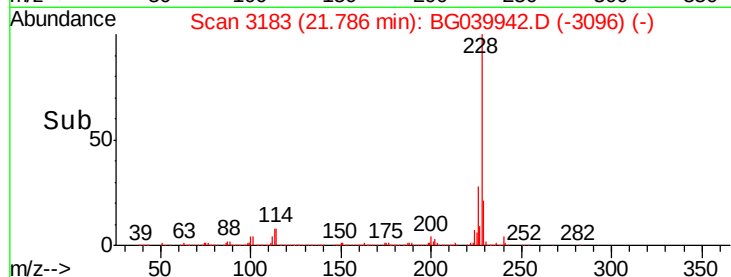
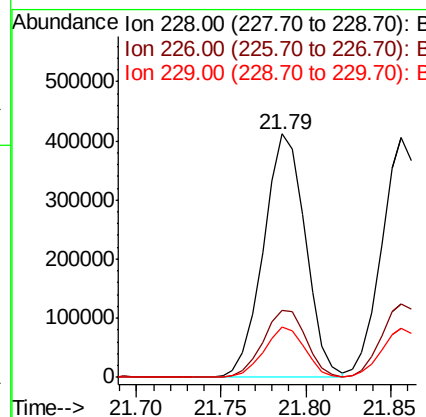
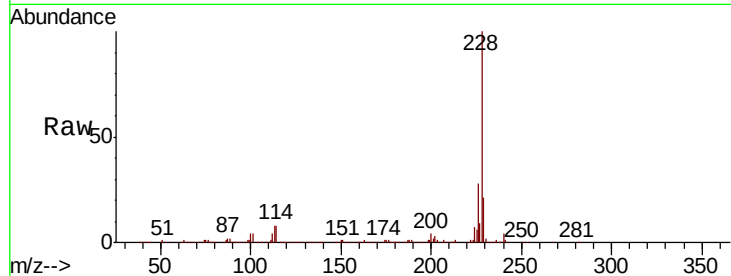




#81
Benzo(a)anthracene
Concen: 40.450 ng
RT: 21.79 min Scan# 3183
Delta R.T. -0.02 min
Lab File: BG039942.D
Acq: 15 Mar 2019 15:31

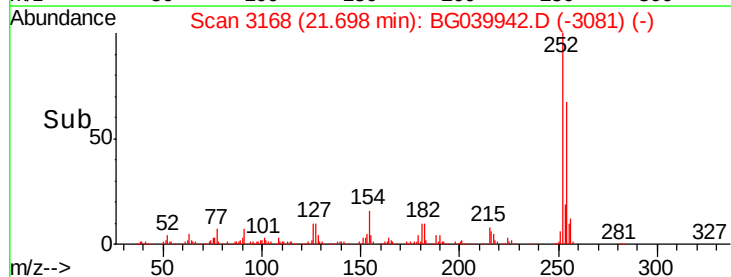
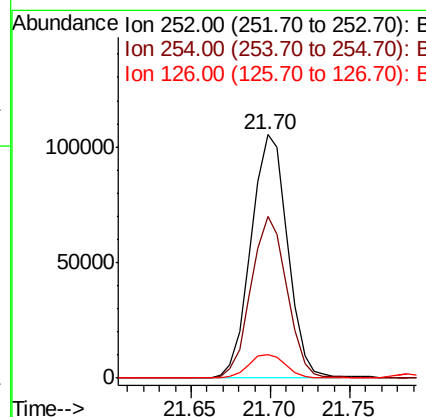
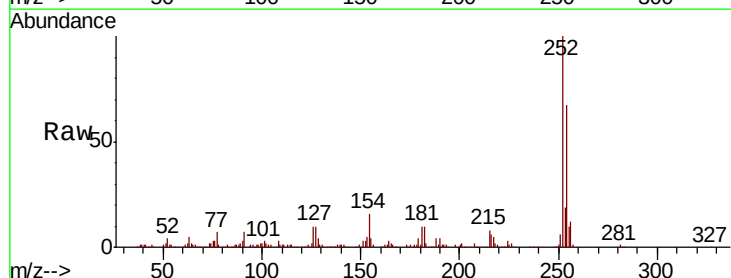
Instrument :
BNA_G
ClientSampleId :
PB117964BS

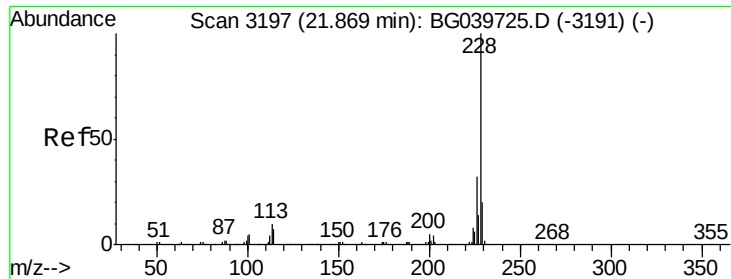
Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	23.0	34.6
229	20.6	16.9	25.3



#82
3,3'-Dichlorobenzidine
Concen: 26.504 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.02 min
Lab File: BG039942.D
Acq: 15 Mar 2019 15:31

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.6	51.3	76.9
126	9.9	8.0	12.0





#83

Chrysene

Concen: 40.326 ng

RT: 21.86 min Scan# 3195

Delta R.T. -0.02 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

Instrument :

BNA_G

ClientSampleId :

PB117964BS

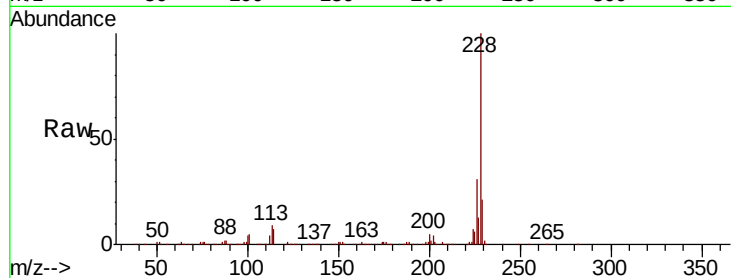
Tgt Ion:228 Resp: 682645

Ion Ratio Lower Upper

228 100

226 30.8 25.8 38.6

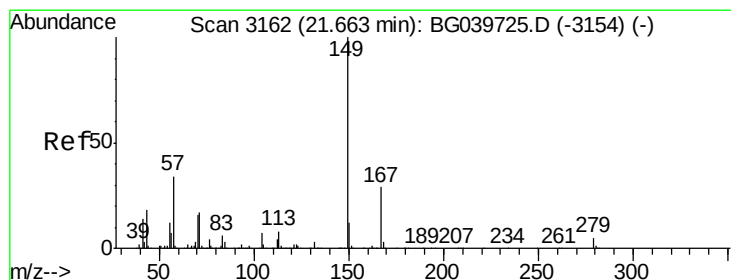
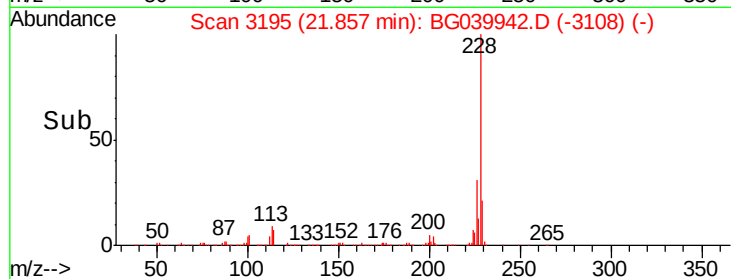
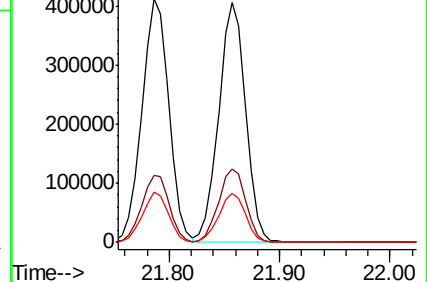
229 20.6 16.6 25.0



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: 43.466 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.02 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

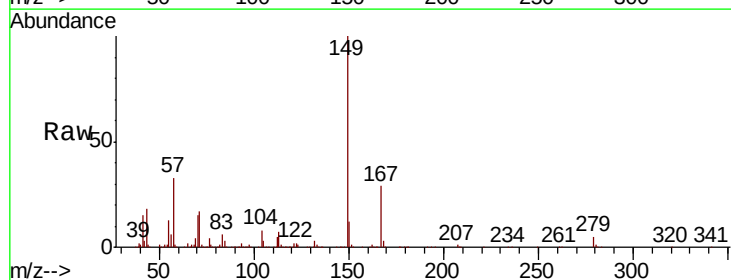
Tgt Ion:149 Resp: 428426

Ion Ratio Lower Upper

149 100

167 29.1 22.6 34.0

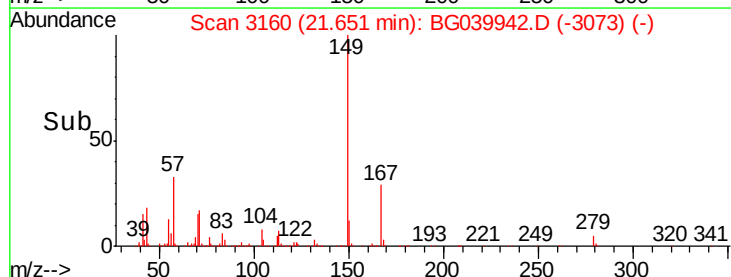
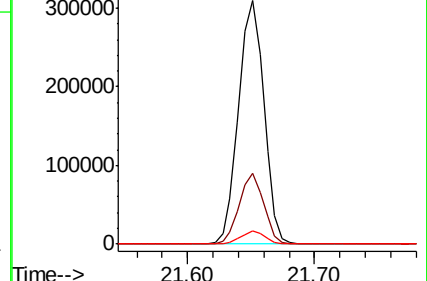
279 5.3 3.5 5.3#

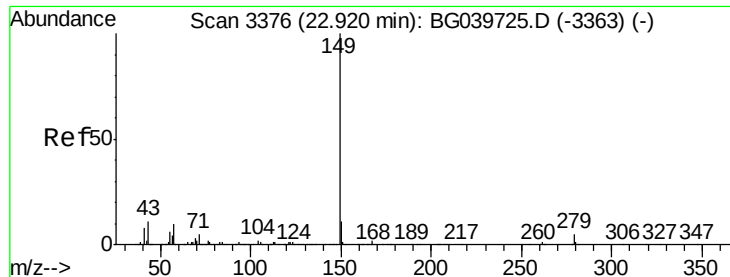


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

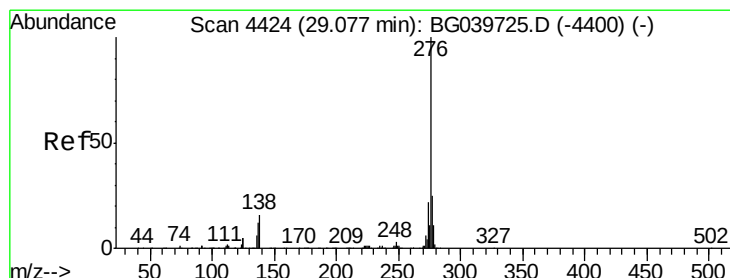
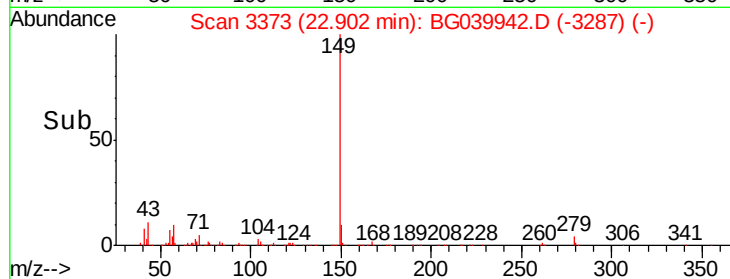
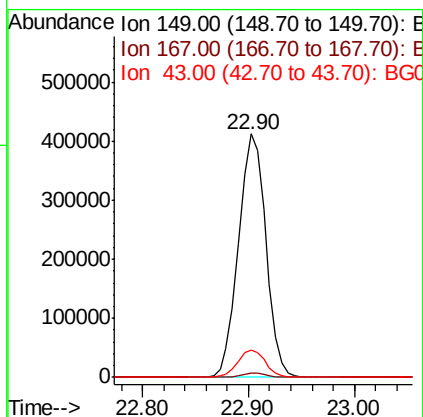
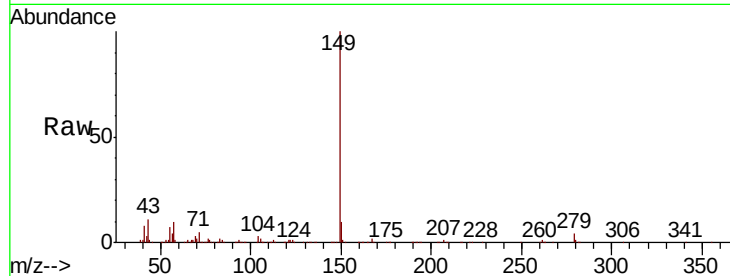




#85
 Di-n-octyl phthalate
 Concen: 45.220 ng
 RT: 22.90 min Scan# 3373
 Delta R.T. -0.02 min
 Lab File: BG039942.D
 Acq: 15 Mar 2019 15:31

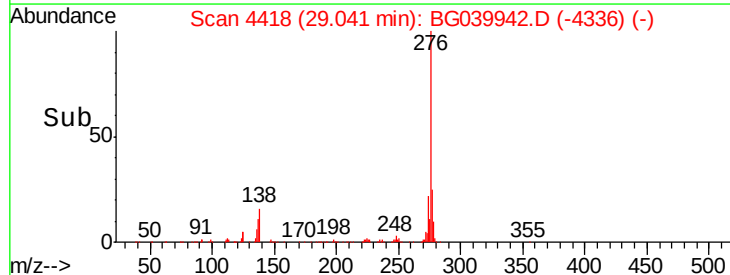
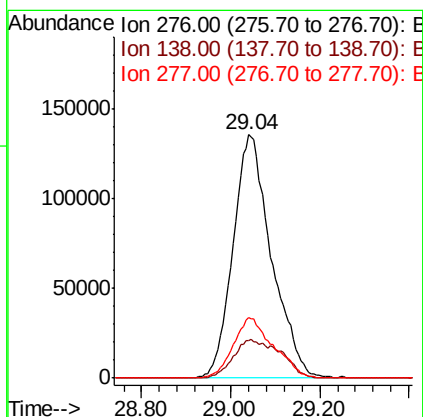
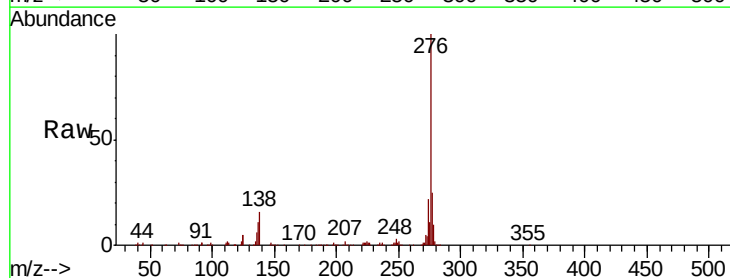
Instrument :
 BNA_G
 ClientSampleId :
 PB117964BS

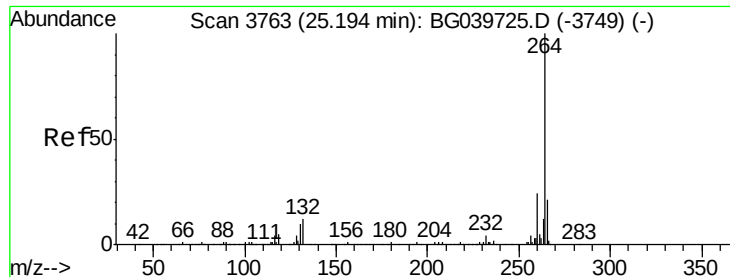
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.2	10.2	15.4



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 42.226 ng
 RT: 29.04 min Scan# 4418
 Delta R.T. -0.05 min
 Lab File: BG039942.D
 Acq: 15 Mar 2019 15:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.6	12.6	19.0#
277	25.9	20.8	31.2





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.18 min Scan# 3760

Delta R.T. -0.02 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

Instrument :

BNA_G

ClientSampleId :

PB117964BS

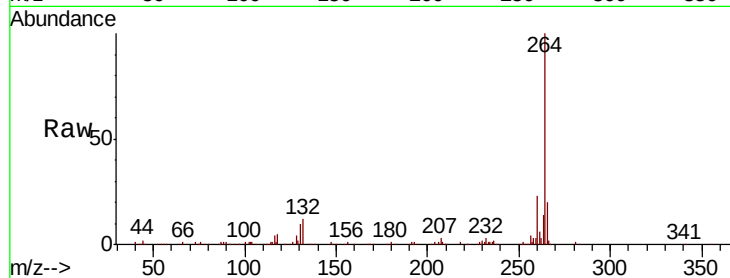
Tgt Ion:264 Resp: 262141

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.4

265 20.4 18.5 27.7

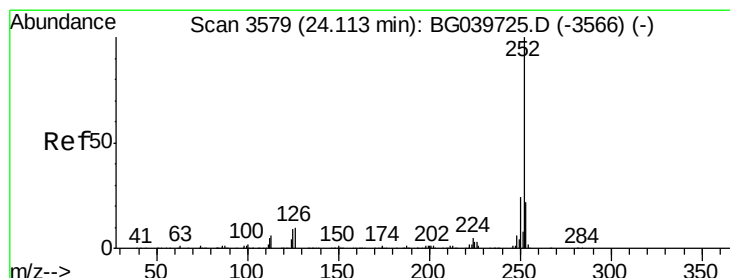
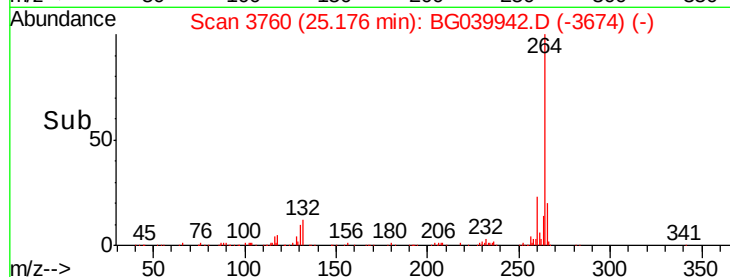
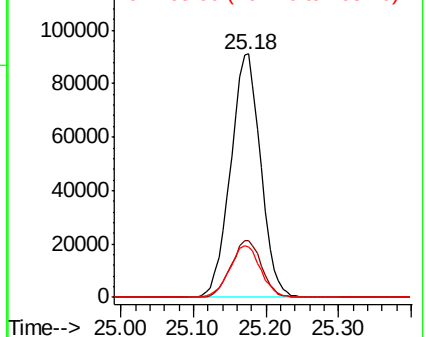


Abundance

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: 45.205 ng

RT: 24.09 min Scan# 3576

Delta R.T. -0.02 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

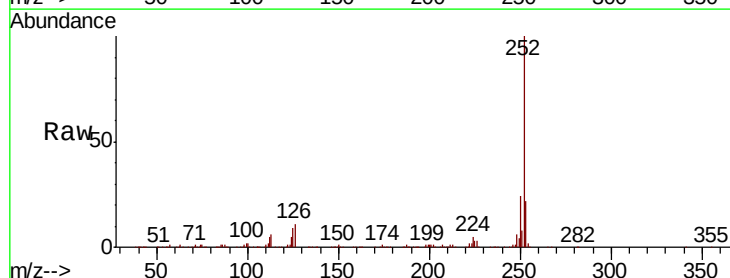
Tgt Ion:252 Resp: 706640

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 8.6 7.8 11.6

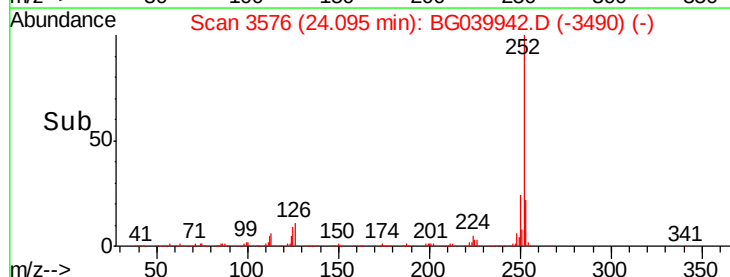
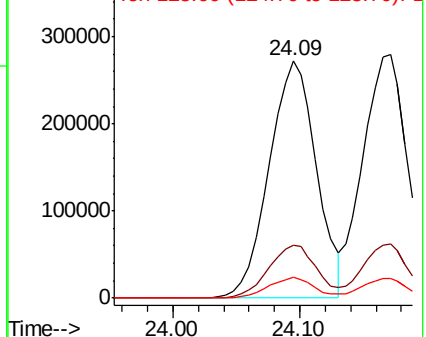


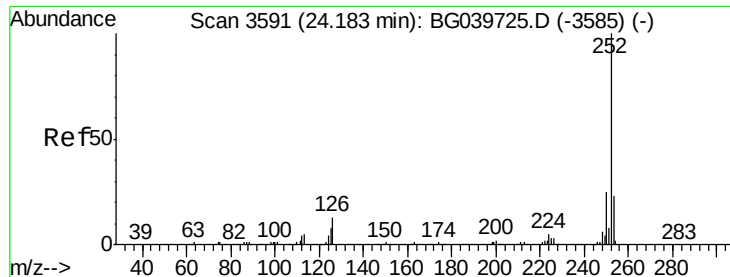
Abundance

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: 47.097 ng

RT: 24.17 min Scan# 3589

Delta R.T. -0.02 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

Instrument :

BNA_G

ClientSampleId :

PB117964BS

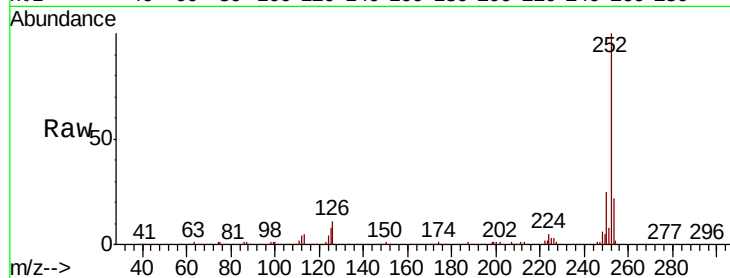
Tgt Ion:252 Resp: 685313

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.2

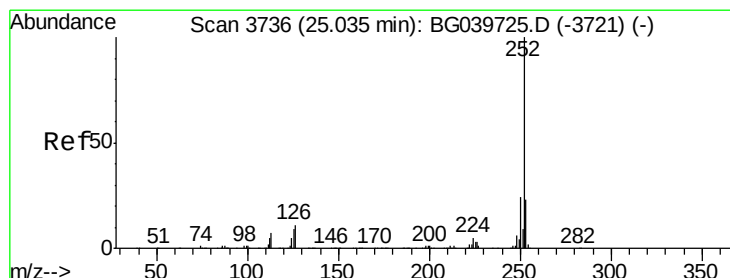
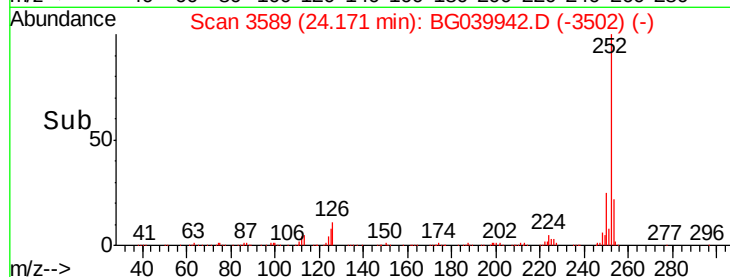
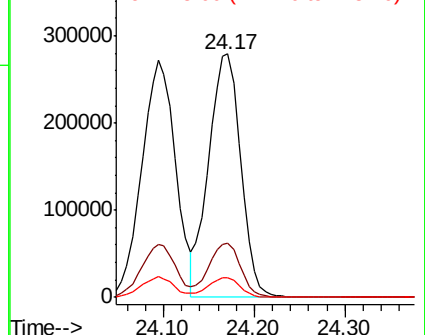
125 8.0 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 48.226 ng

RT: 25.02 min Scan# 3733

Delta R.T. -0.02 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

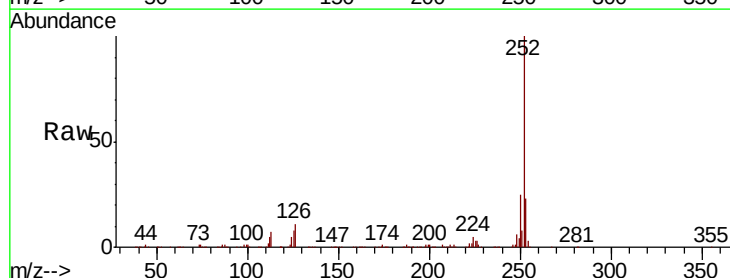
Tgt Ion:252 Resp: 696613

Ion Ratio Lower Upper

252 100

253 23.0 17.9 26.9

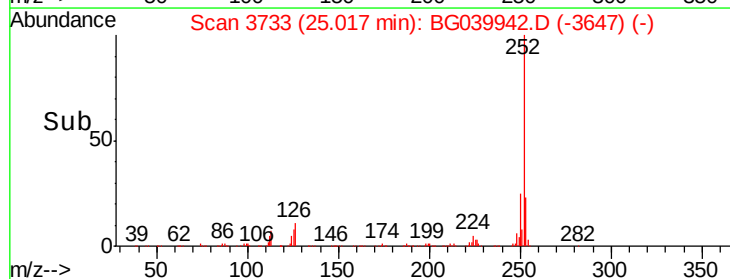
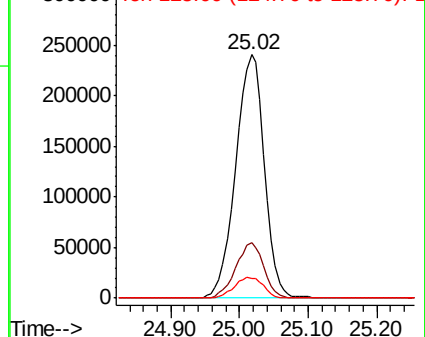
125 8.3 8.3 12.5#

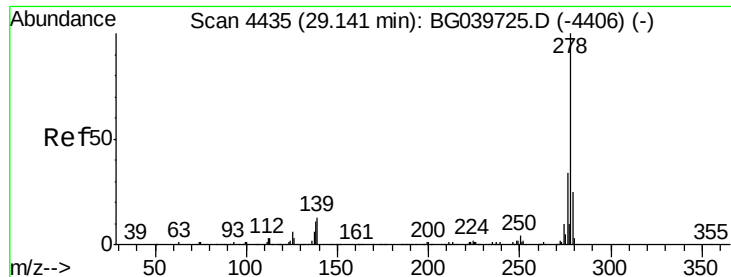


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 46.342 ng

RT: 29.11 min Scan# 4429

Delta R.T. -0.05 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

Instrument :

BNA_G

ClientSampleId :

PB117964BS

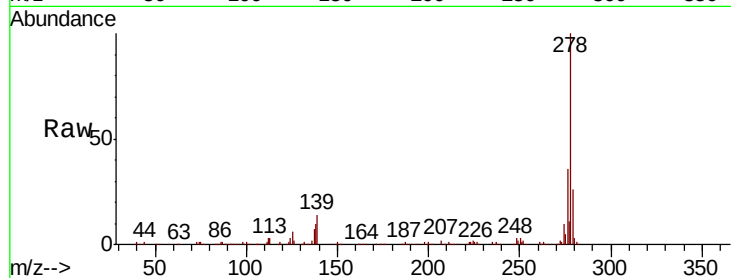
Tgt Ion:278 Resp: 656254

Ion Ratio Lower Upper

278 100

139 14.1 11.7 17.5

279 26.0 19.1 28.7

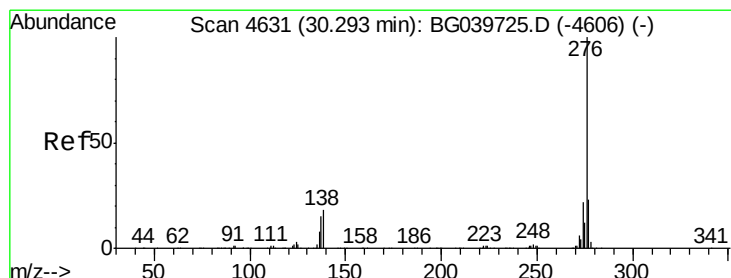
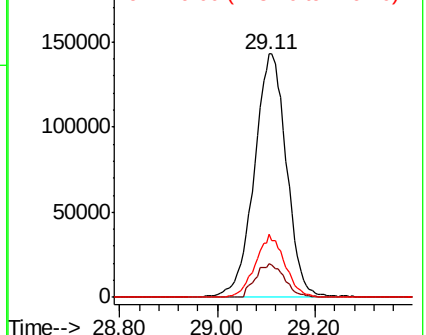
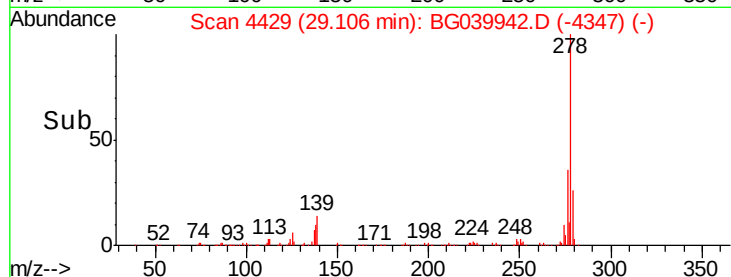


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.970 ng

RT: 30.27 min Scan# 4628

Delta R.T. -0.04 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

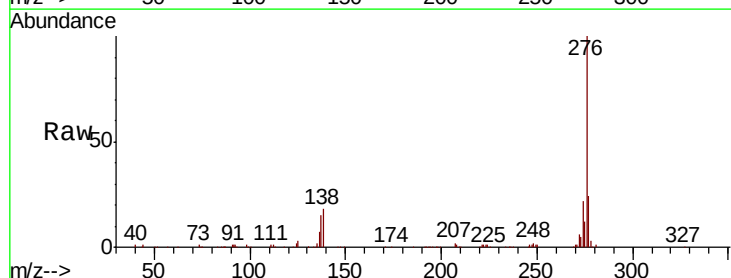
Tgt Ion:276 Resp: 668020

Ion Ratio Lower Upper

276 100

277 23.7 19.6 29.4

138 17.9 14.7 22.1



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

