

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031819\
 Data File : BG039974.D
 Acq On : 18 Mar 2019 17:58
 Operator : JU/SJ
 Sample : PB117991BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117991BS

Quant Time: Mar 19 07:48:20 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	39155	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	173166	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	112738	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	273718	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	274392	20.00	ng	-0.02
87) Perylene-d12	25.16	264	251368	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	333638	145.37	ng	-0.02
7) Phenol-d6	7.29	99	457969	133.82	ng	-0.02
23) Nitrobenzene-d5	9.33	82	258225	80.65	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	174304	132.65	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	610016	77.04	ng	-0.02
79) Terphenyl-d14	20.11	244	984465	79.00	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	36531	34.476	ng	98
3) Pyridine	3.98	79	94104	33.174	ng	96
4) n-Nitrosodimethylamine	3.90	42	56884	42.270	ng	# 96
6) Aniline	7.47	93	121494	27.098	ng	98
8) 2-Chlorophenol	7.70	128	119396	42.880	ng	97
9) Benzaldehyde	7.28	77	39382	17.840	ng	95
10) Phenol	7.32	94	159081	42.910	ng	98
11) bis(2-Chloroethyl)ether	7.56	93	116208	40.204	ng	99
12) 1,3-Dichlorobenzene	8.03	146	122289	38.833	ng	98
13) 1,4-Dichlorobenzene	8.18	146	124319	38.757	ng	96
14) 1,2-Dichlorobenzene	8.50	146	119770	38.646	ng	96
15) Benzyl Alcohol	8.38	79	112757	41.537	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	238958	41.335	ng	99
17) 2-Methylphenol	8.58	107	104651	44.270	ng	94
18) Hexachloroethane	9.23	117	47287	41.085	ng	99
19) n-Nitroso-di-n-propylamine	8.94	70	95106	38.611	ng	95
20) 3+4-Methylphenols	8.91	107	140864	42.894	ng	98
22) Acetophenone	8.97	105	180148	38.760	ng	# 97
24) Nitrobenzene	9.37	77	143708	42.784	ng	99
25) Isophorone	9.88	82	268040	39.954	ng	99
26) 2-Nitrophenol	10.07	139	68958	42.521	ng	96
27) 2,4-Dimethylphenol	10.12	122	121627	48.222	ng	93
28) bis(2-Chloroethoxy)methane	10.36	93	163699	40.152	ng	98
29) 2,4-Dichlorophenol	10.61	162	129553	45.621	ng	93
30) 1,2,4-Trichlorobenzene	10.82	180	132708	41.530	ng	99
31) Naphthalene	11.02	128	374112	40.805	ng	99
32) Benzoic acid	10.25	122	57871	35.421	ng	94
33) 4-Chloroaniline	11.13	127	95963	24.683	ng	96
34) Hexachlorobutadiene	11.28	225	88652	40.598	ng	95
35) Caprolactam	11.91	113	27868	25.690	ng	# 91
36) 4-Chloro-3-methylphenol	12.23	107	137037	42.096	ng	98
37) 2-Methylnaphthalene	12.61	142	280915	40.982	ng	99
38) 1-Methylnaphthalene	12.83	142	269065	40.392	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	157603	41.265	ng	99

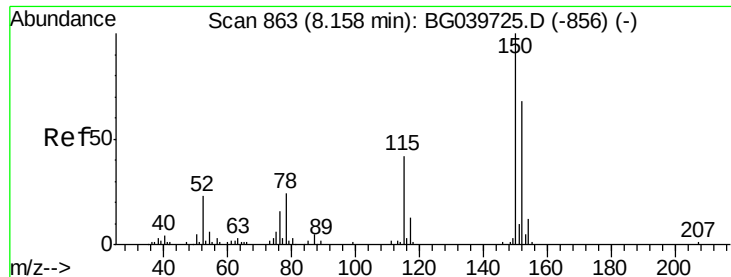
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031819\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	199216	97.332	ng	100
43) 2,4,6-Trichlorophenol	13.21	196	105640	47.245	ng	99
44) 2,4,5-Trichlorophenol	13.29	196	112295	44.555	ng	99
46) 1,1'-Biphenyl	13.61	154	374730	40.413	ng	99
47) 2-Chloronaphthalene	13.66	162	292657	41.954	ng	98
48) 2-Nitroaniline	13.87	65	101307	45.191	ng	98
49) Acenaphthylene	14.50	152	462077	40.352	ng	100
50) Dimethylphthalate	14.22	163	377940	40.091	ng	100
51) 2,6-Dinitrotoluene	14.35	165	83800	41.932	ng	93
52) Acenaphthene	14.84	154	280689	40.725	ng	99
53) 3-Nitroaniline	14.68	138	60769	30.250	ng	# 98
54) 2,4-Dinitrophenol	14.89	184	61901	51.145	ng	98
55) Dibenzofuran	15.17	168	467184	41.314	ng	98
56) 4-Nitrophenol	14.98	139	141623	78.806	ng	90
57) 2,4-Dinitrotoluene	15.14	165	119786	42.657	ng	90
58) Fluorene	15.82	166	362509	40.779	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.39	232	109047	44.302	ng	100
60) Diethylphthalate	15.57	149	385316	41.289	ng	98
61) 4-Chlorophenyl-phenylether	15.80	204	195380	41.187	ng	96
62) 4-Nitroaniline	15.85	138	87519	40.185	ng	96
63) Azobenzene	16.09	77	360201	42.580	ng	99
65) 4,6-Dinitro-2-methylphenol	15.89	198	61890	38.241	ng	99
66) n-Nitrosodiphenylamine	16.02	169	334214	42.176	ng	99
67) 4-Bromophenyl-phenylether	16.70	248	126121	41.165	ng	93
68) Hexachlorobenzene	16.81	284	131203	41.313	ng	95
69) Atrazine	16.96	200	130115	41.721	ng	97
70) Pentachlorophenol	17.16	266	155739	77.647	ng	98
71) Phenanthrene	17.56	178	607978	40.326	ng	99
72) Anthracene	17.65	178	620713	42.248	ng	99
73) Carbazole	17.92	167	540354	40.797	ng	98
74) Di-n-butylphthalate	18.45	149	658478	42.254	ng	100
75) Fluoranthene	19.56	202	729583	40.946	ng	98
77) Benzidine	19.74	184	259093	29.756	ng	99
78) Pyrene	19.92	202	725778	40.705	ng	99
80) Butylbenzylphthalate	20.79	149	301392	43.630	ng	97
81) Benzo(a)anthracene	21.79	228	693302	40.315	ng	98
82) 3,3'-Dichlorobenzidine	21.70	252	172348	27.450	ng	97
83) Chrysene	21.86	228	660787	39.635	ng	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	420880	43.357	ng	100
85) Di-n-octyl phthalate	22.90	149	718752	44.718	ng	97
86) Indeno(1,2,3-cd)pyrene	29.03	276	766604	40.532	ng	# 97
88) Benzo(b)fluoranthene	24.09	252	685780	45.750	ng	98
89) Benzo(k)fluoranthene	24.17	252	661779	47.429	ng	98
90) Benzo(a)pyrene	25.01	252	671079	48.449	ng	96
91) Dibenzo(a,h)anthracene	29.10	278	627893	46.240	ng	97
92) Benzo(g,h,i)perylene	30.25	276	638986	46.854	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.15 min Scan# 861

Delta R.T. -0.02 min

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Acq: 18 Mar 2019 17:58

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BNA_G

ClientSampleId :

PB117991BS

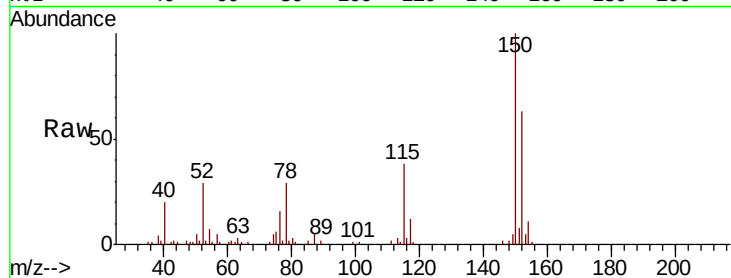
Tgt Ion:152 Resp: 39155

Ion Ratio Lower Upper

152 100

150 158.5 123.7 185.5

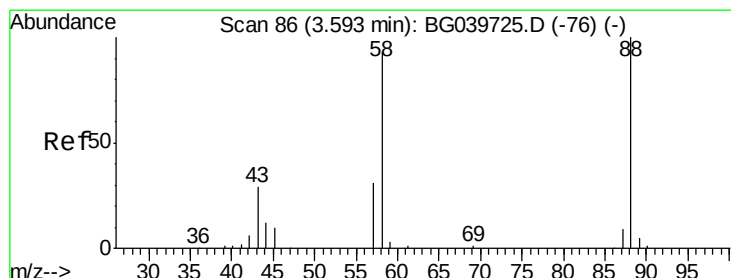
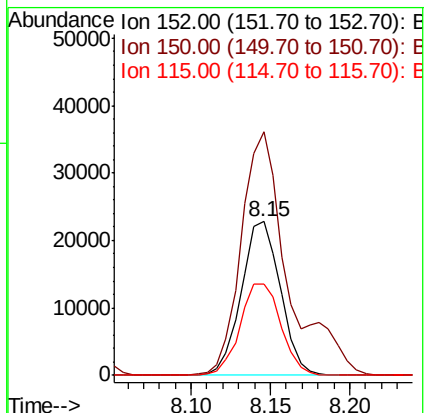
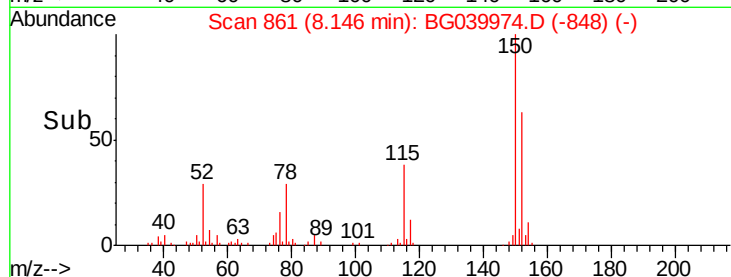
115 59.7 45.9 68.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.476 ng

RT: 3.58 min Scan# 83

Delta R.T. -0.03 min

Lab File: BG039974.D

Acq: 18 Mar 2019 17:58

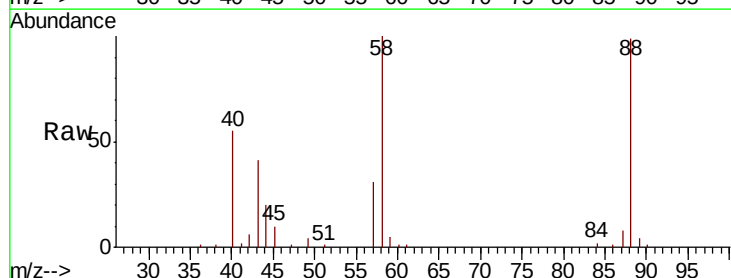
Tgt Ion: 88 Resp: 36531

Ion Ratio Lower Upper

88 100

58 100.5 81.1 121.7

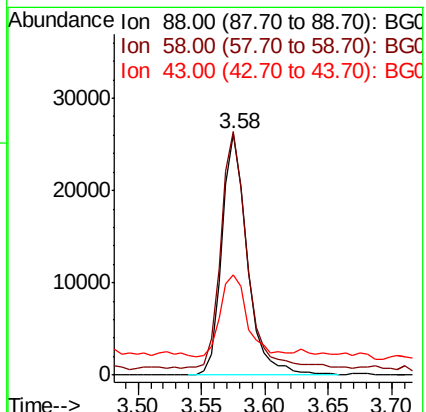
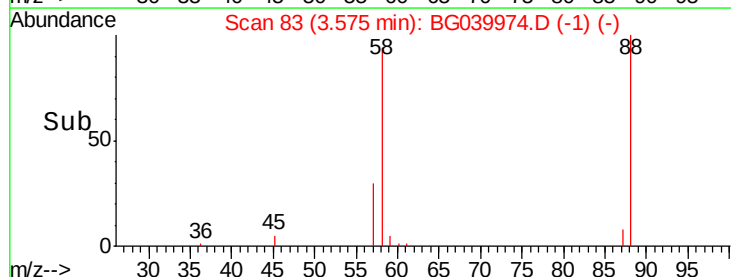
43 35.5 31.4 47.0

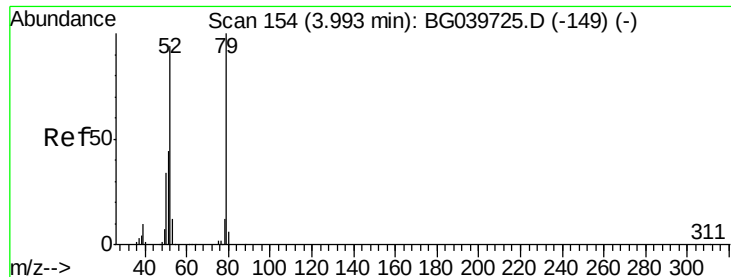


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 33.174 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.02 min

Lab File: BG039974.D

Acq: 18 Mar 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB117991BS

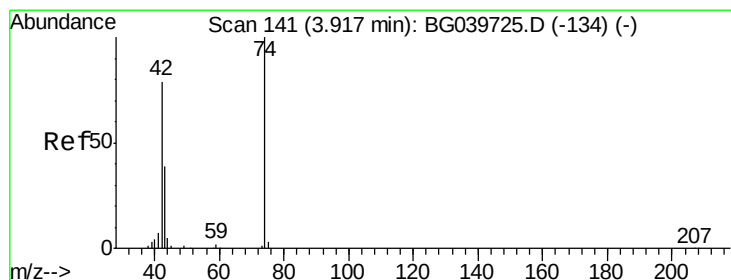
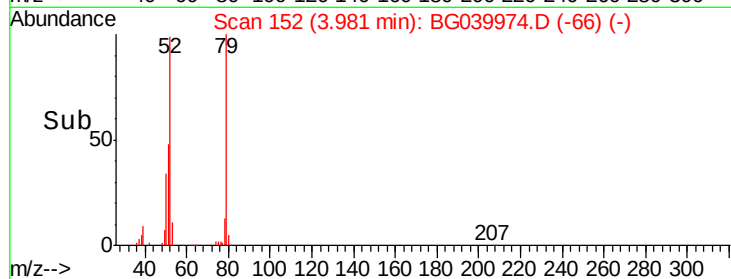
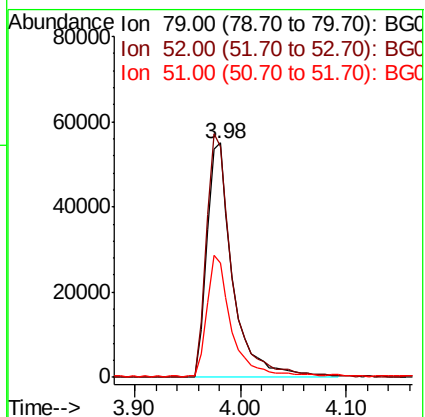
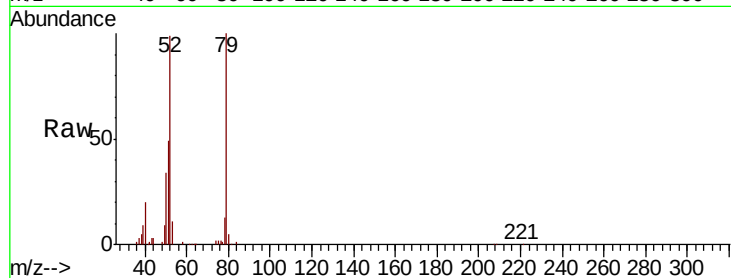
Tgt Ion: 79 Resp: 94104

Ion Ratio Lower Upper

79 100

52 98.5 82.6 124.0

51 48.8 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 42.270 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG039974.D

Acq: 18 Mar 2019 17:58

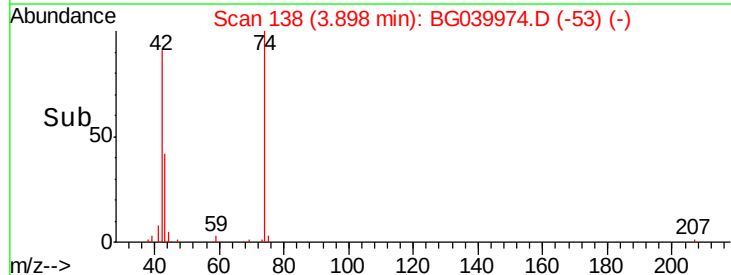
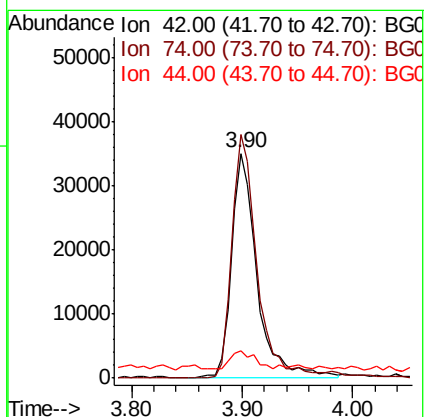
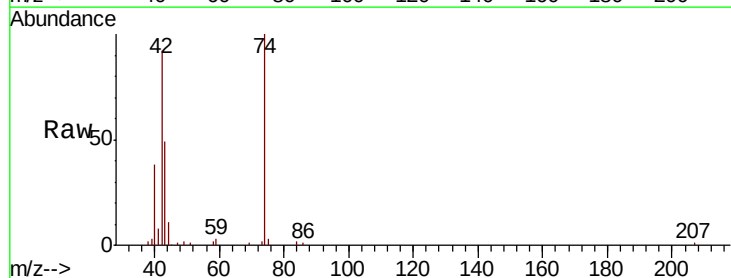
Tgt Ion: 42 Resp: 56884

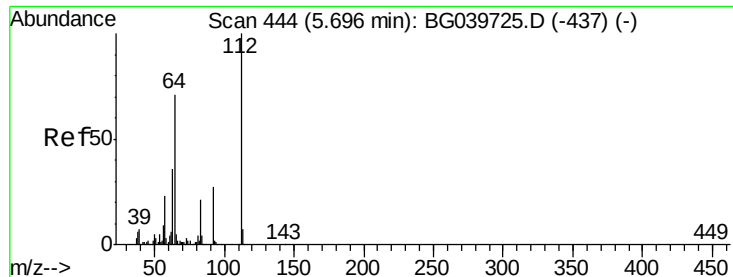
Ion Ratio Lower Upper

42 100

74 108.4 83.6 125.4

44 12.1 6.9 10.3#





#5

2-Fluorophenol

Concen: 145.368 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG039974.D

Acq: 18 Mar 2019 17:58

Instrument :

BNA_G

ClientSampled :

PB117991BS

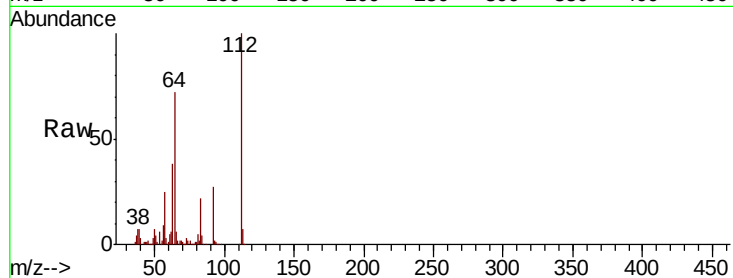
Tgt Ion: 112 Resp: 333638

Ion Ratio Lower Upper

112 100

64 71.6 57.8 86.8

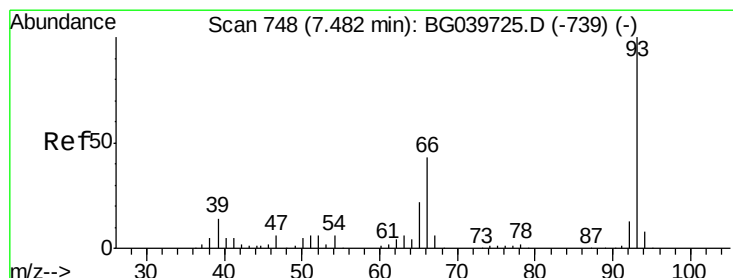
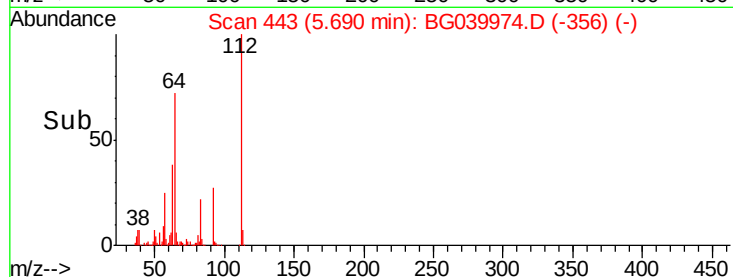
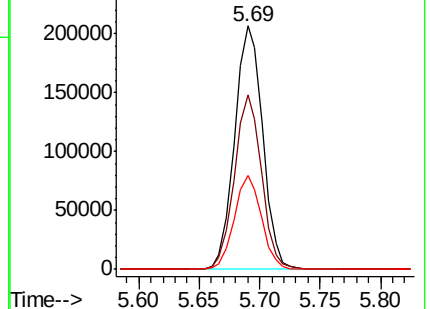
63 38.3 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 27.098 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BG039974.D

Acq: 18 Mar 2019 17:58

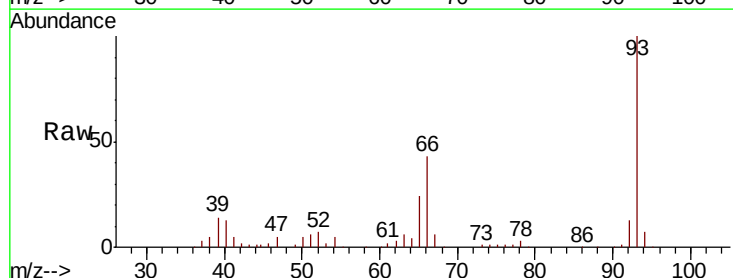
Tgt Ion: 93 Resp: 121494

Ion Ratio Lower Upper

93 100

66 43.5 34.2 51.4

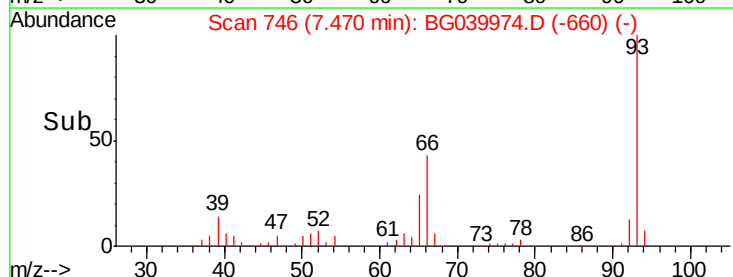
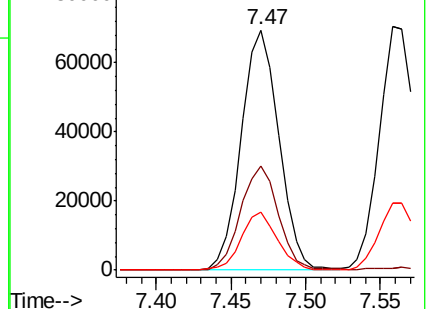
65 24.1 17.7 26.5

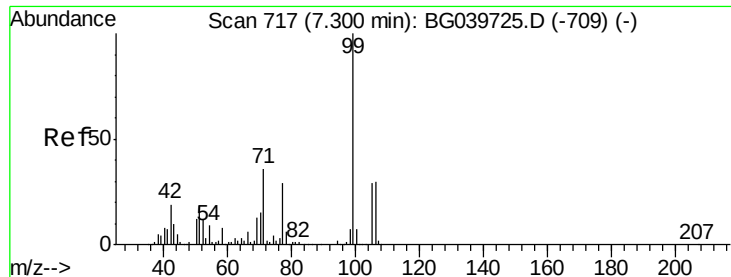


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 133.825 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039974.D

Acq: 18 Mar 2019 17:58

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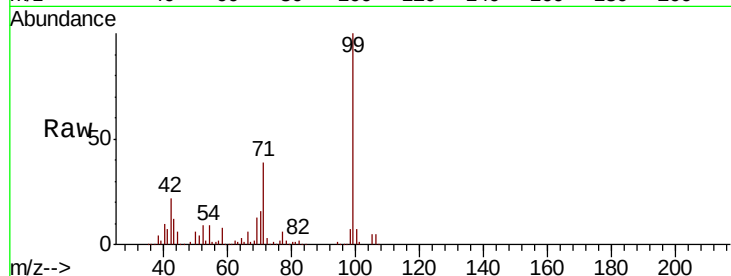
Tgt Ion: 99 Resp: 457969

Ion Ratio Lower Upper

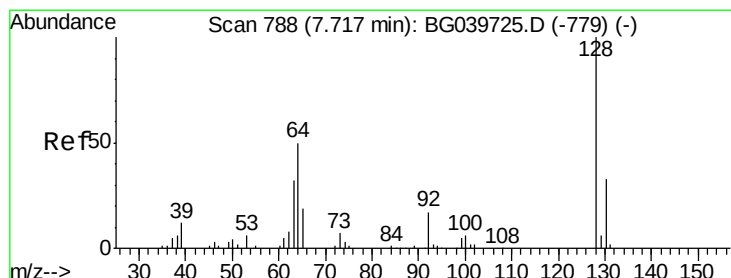
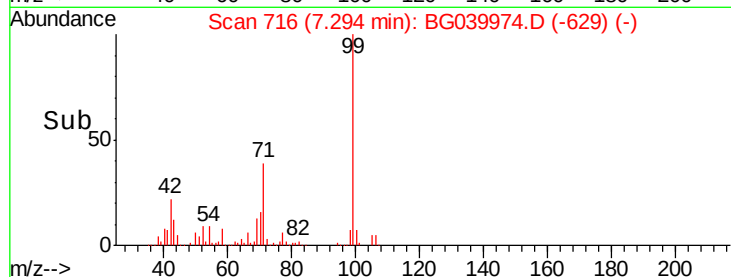
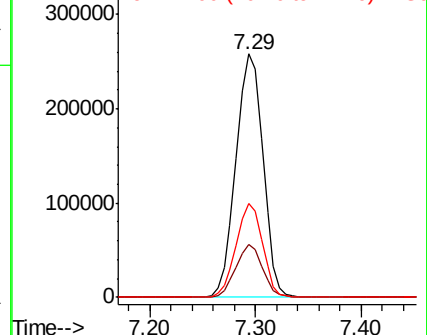
99 100

42 21.9 18.2 27.2

71 38.5 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: 42.880 ng

RT: 7.70 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG039974.D

Acq: 18 Mar 2019 17:58

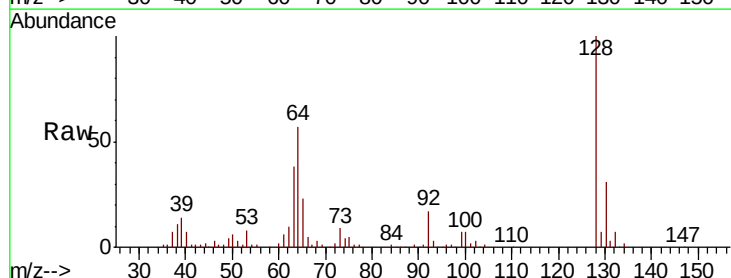
Tgt Ion: 128 Resp: 119396

Ion Ratio Lower Upper

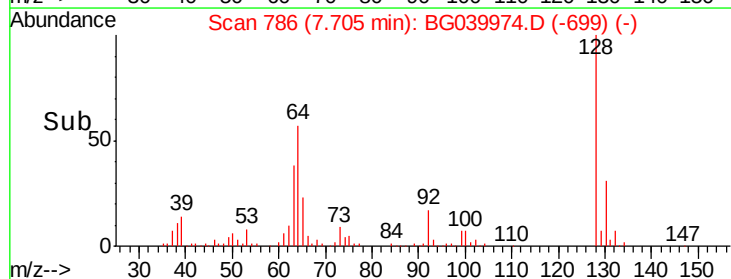
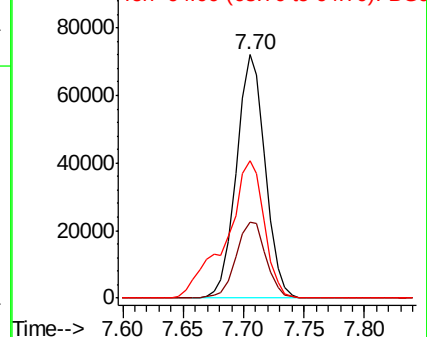
128 100

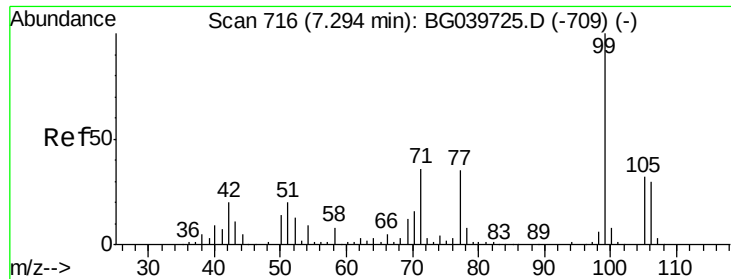
130 30.9 12.9 52.9

64 56.5 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: 17.840 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.02 min

Lab File: BG039974.D

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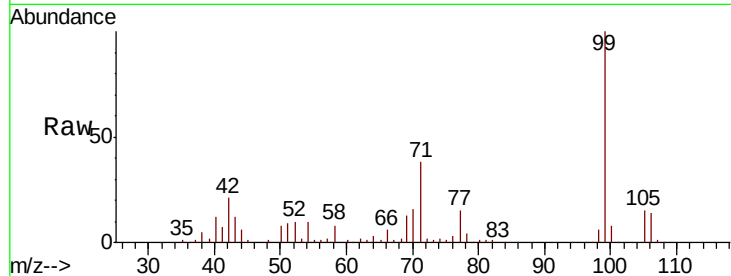
Tgt Ion: 77 Resp: 39382

Ion Ratio Lower Upper

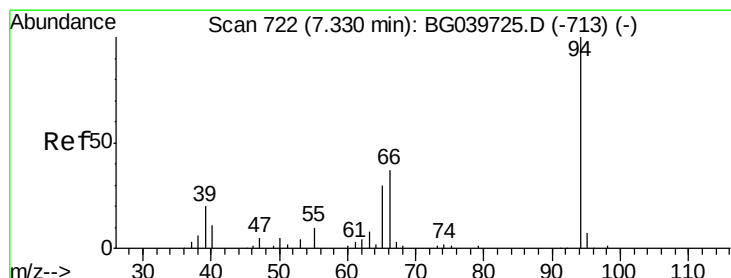
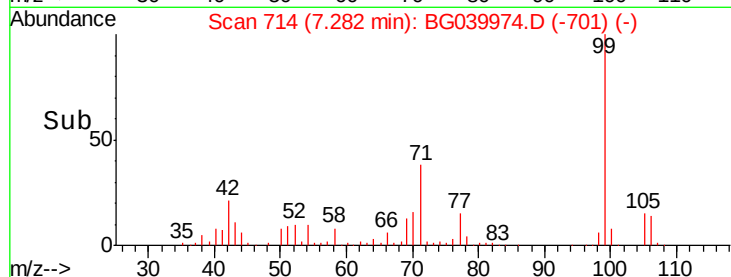
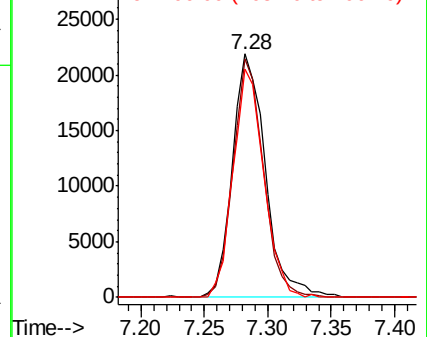
77 100

105 97.9 74.5 114.5

106 93.6 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: 42.910 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039974.D

Acq: 18 Mar 2019 17:58

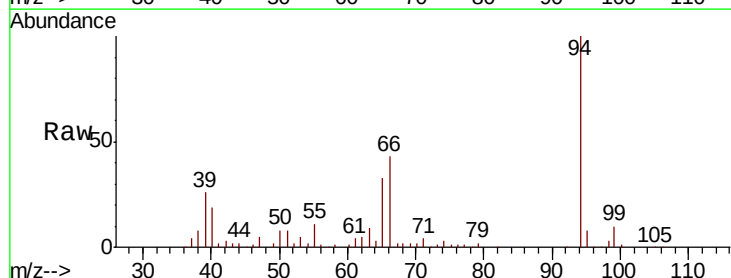
Tgt Ion: 94 Resp: 159081

Ion Ratio Lower Upper

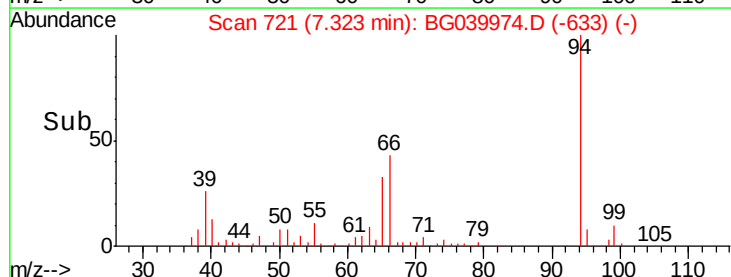
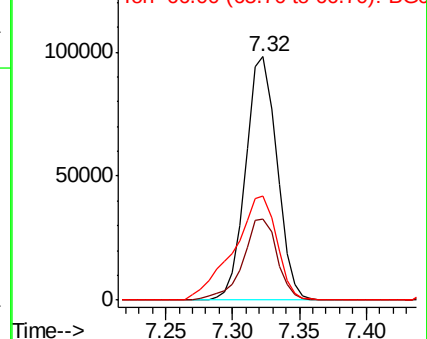
94 100

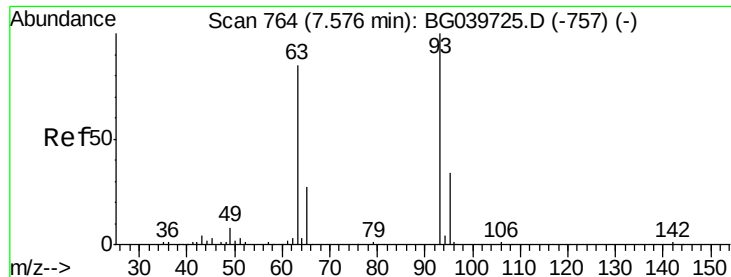
65 33.4 11.7 51.7

66 42.9 23.7 63.7



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



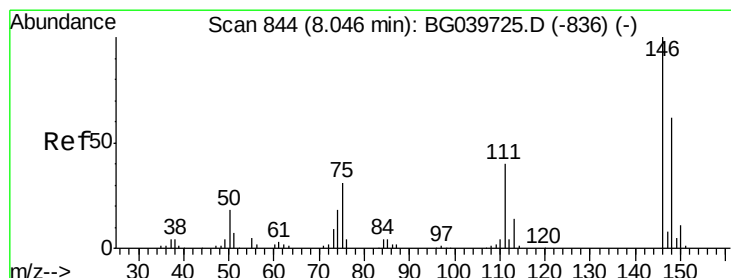
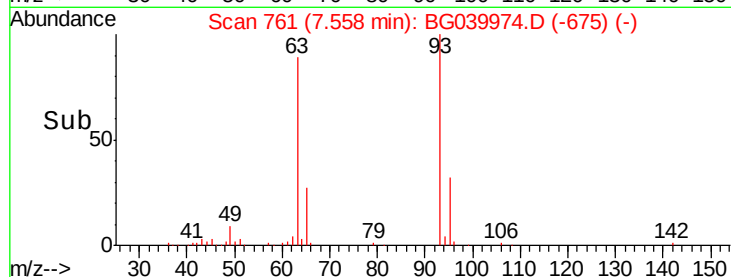
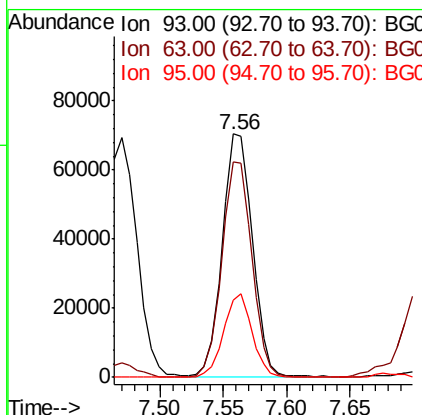
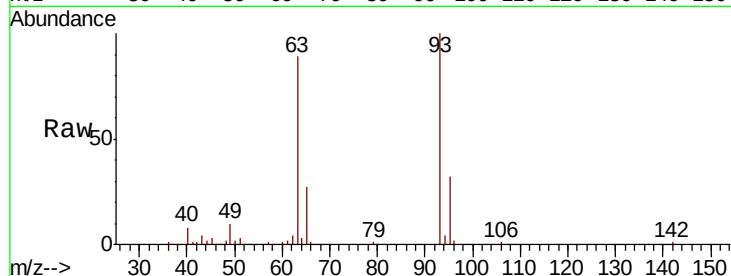


#11
bis(2-Chloroethyl)ether
Concen: 40.204 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BG039974.D
Acq: 18 Mar 2019 17:58

Instrument :
BNA_G
ClientSampleId :
PB117991BS

Tgt Ion: 93 Resp: 116208

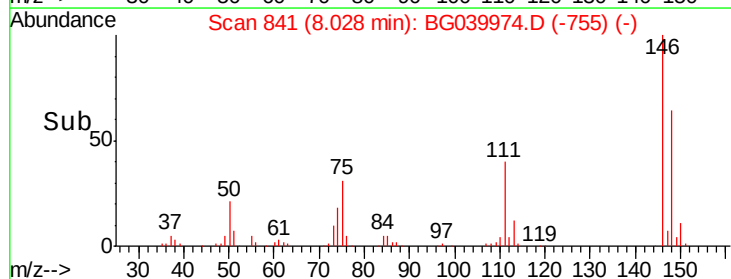
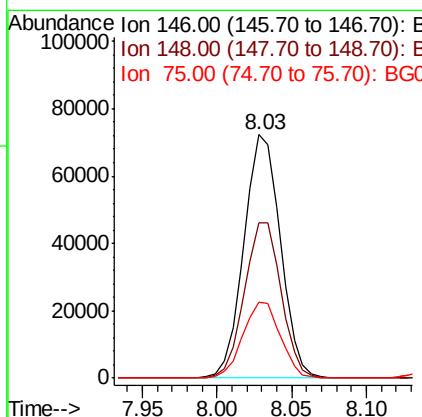
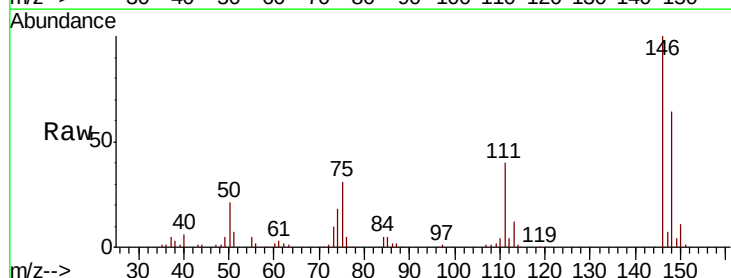
Ion	Ratio	Lower	Upper
93	100		
63	88.7	69.5	109.5
95	31.9	12.7	52.7

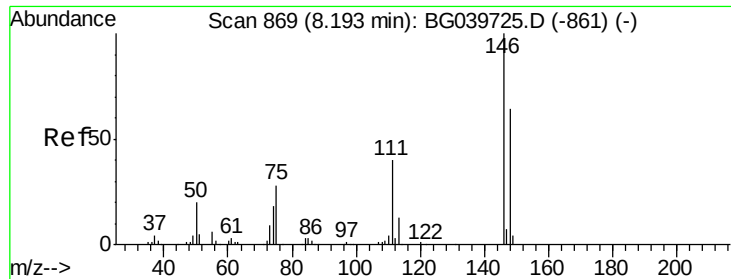


#12
1,3-Dichlorobenzene
Concen: 38.833 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG039974.D
Acq: 18 Mar 2019 17:58

Tgt Ion: 146 Resp: 122289

Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.6	79.0
75	31.3	25.8	38.6

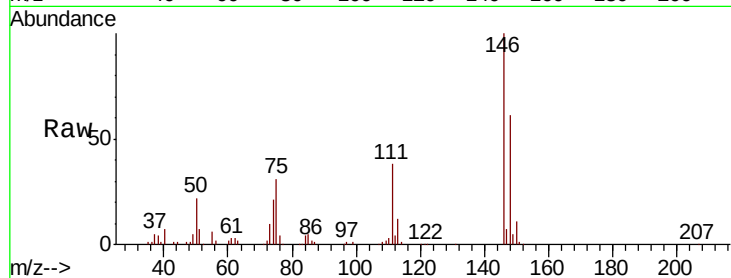




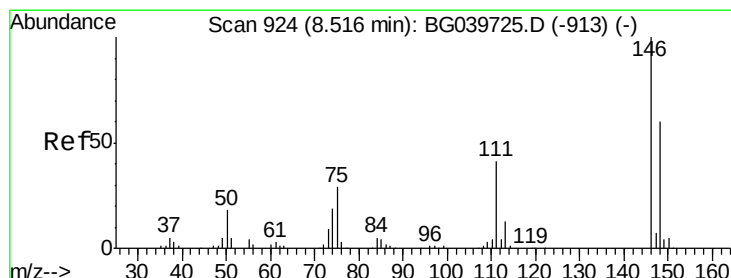
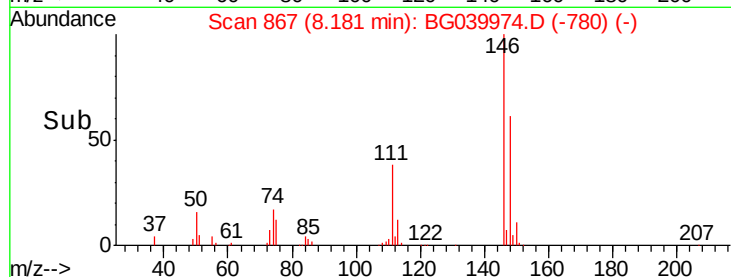
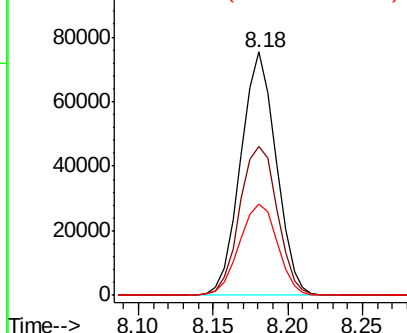
#13
 1,4-Dichlorobenzene
 Concen: 38.757 ng
 RT: 8.18 min Scan# 867
 Delta R.T. -0.02 min
 Lab File: BG039974.D
 Acq: 18 Mar 2019 17:58

Instrument :
 BNA_G
 ClientSampleId :
 PB117991BS

Tgt Ion:146 Resp: 124319
 Ion Ratio Lower Upper
 146 100
 148 61.2 51.1 76.7
 111 37.6 32.6 48.8

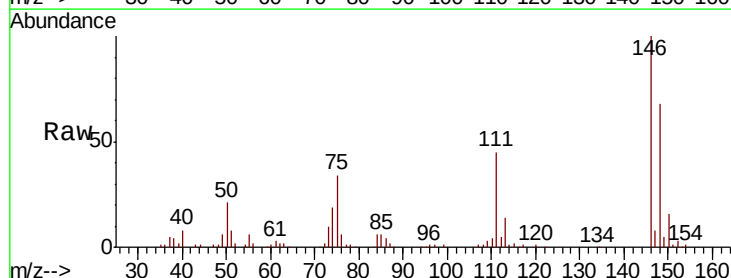


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

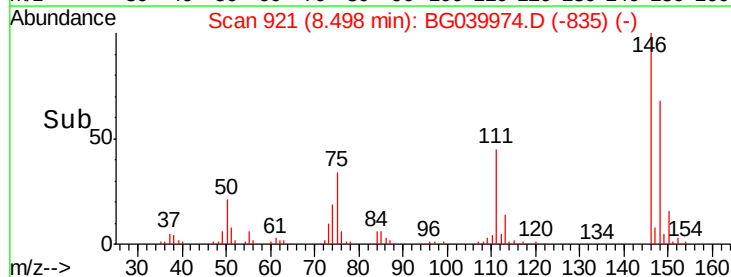
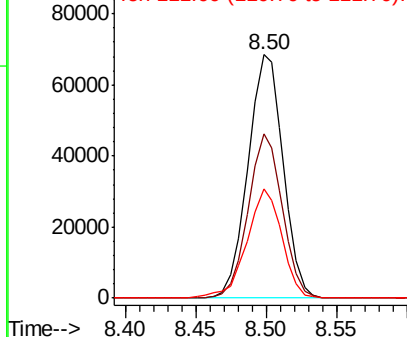


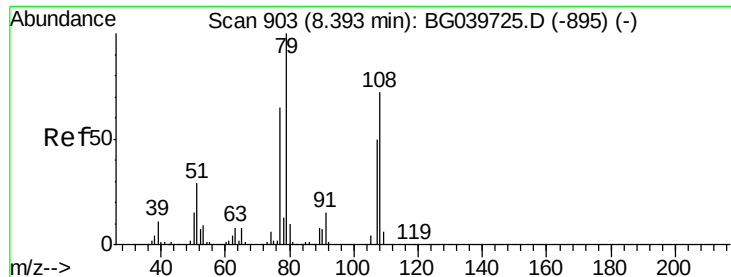
#14
 1,2-Dichlorobenzene
 Concen: 38.646 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG039974.D
 Acq: 18 Mar 2019 17:58

Tgt Ion:146 Resp: 119770
 Ion Ratio Lower Upper
 146 100
 148 67.6 51.5 77.3
 111 45.0 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 41.537 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG039974.D

Acq: 18 Mar 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB117991BS

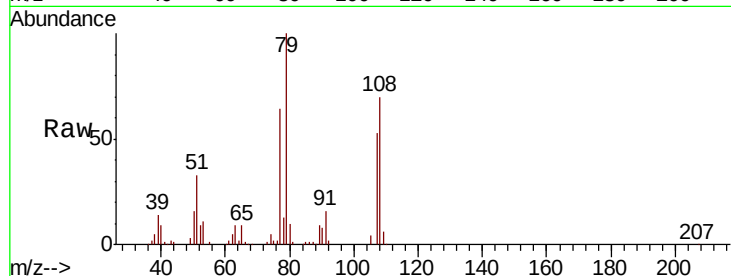
Tgt Ion: 79 Resp: 112757

Ion Ratio Lower Upper

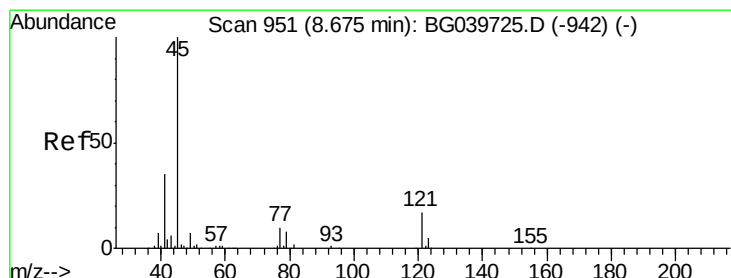
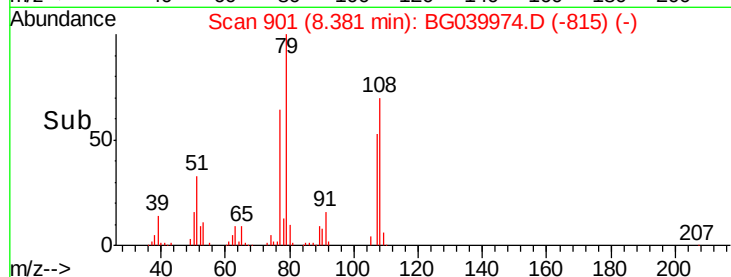
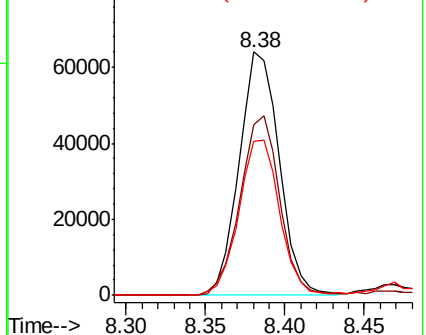
79 100

108 70.2 57.8 86.6

77 63.5 51.1 76.7



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.335 ng

RT: 8.66 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG039974.D

Acq: 18 Mar 2019 17:58

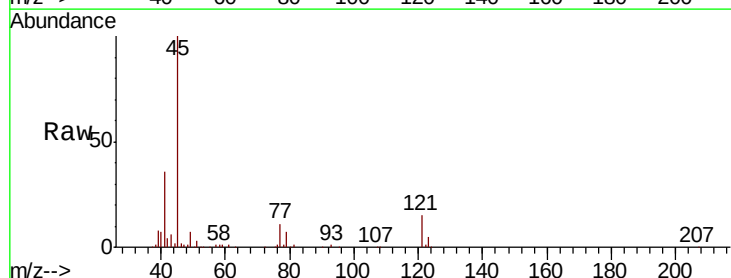
Tgt Ion: 45 Resp: 238958

Ion Ratio Lower Upper

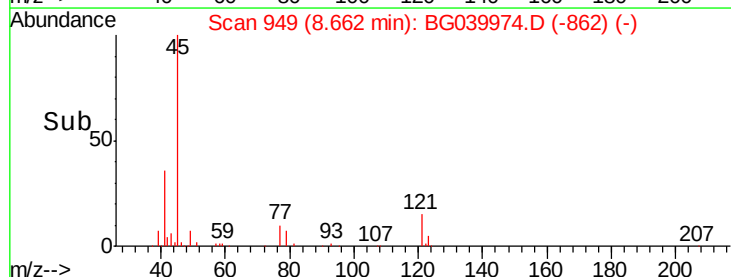
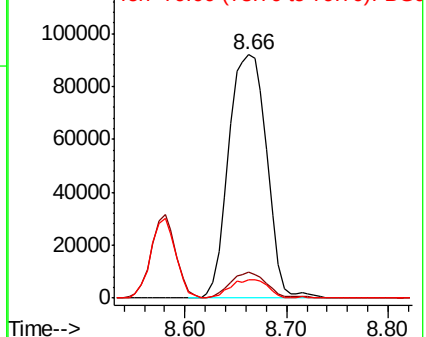
45 100

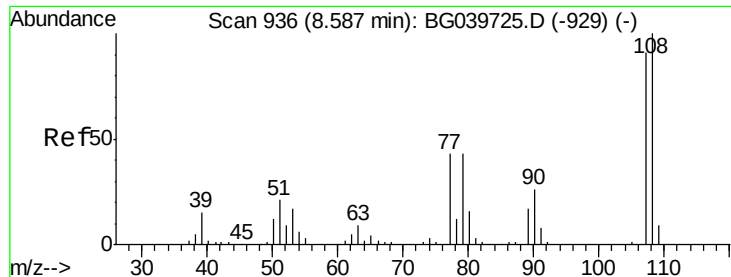
77 10.6 0.0 30.0

79 7.3 0.0 27.5



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

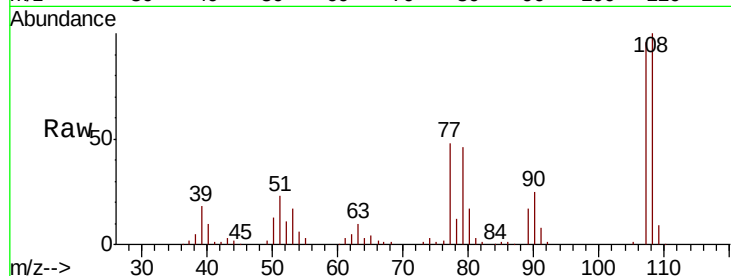




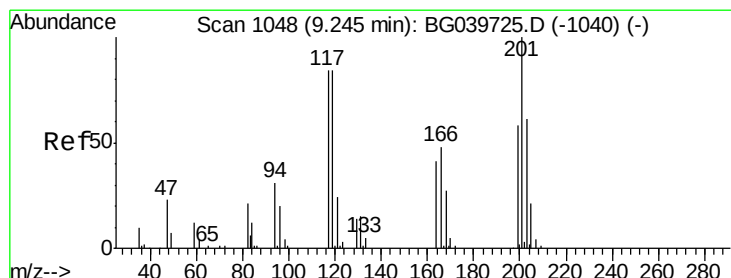
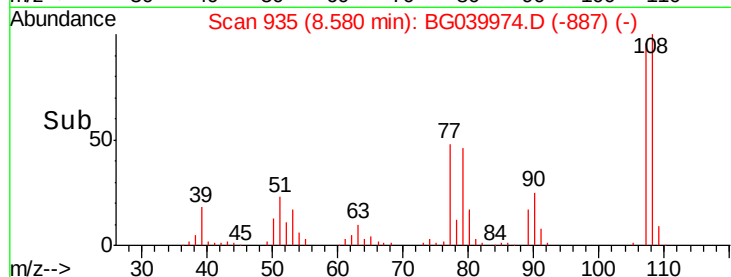
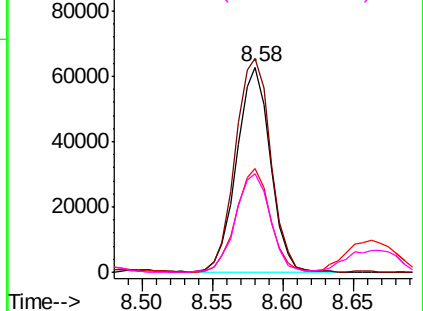
#17
2-Methylphenol
Concen: 44.270 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG039974.D
Acq: 18 Mar 2019 17:58

Instrument :
BNA_G
ClientSampleId :
PB117991BS

Tgt Ion:	107	Resp:	104651
Ion	Ratio	Lower	Upper
107	100		
108	104.2	90.8	136.2
77	50.5	40.7	61.1
79	47.9	40.6	60.8

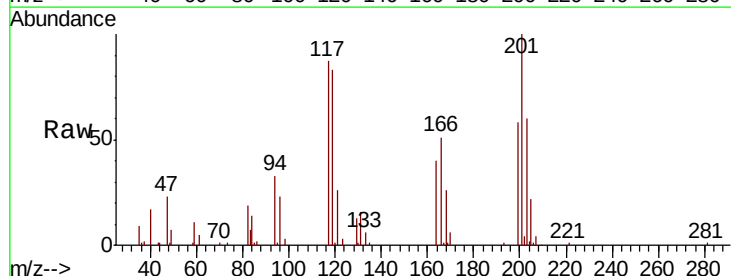


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

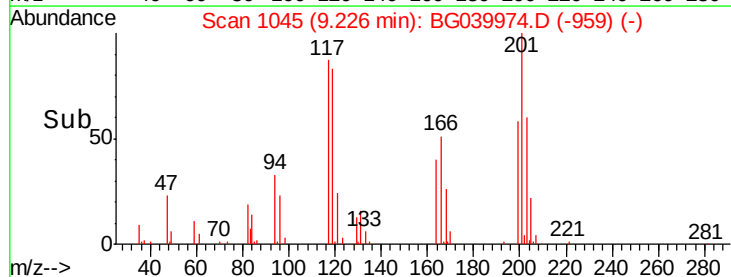
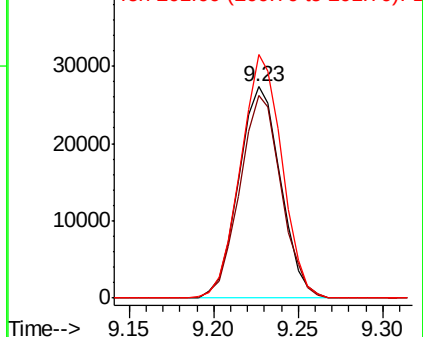


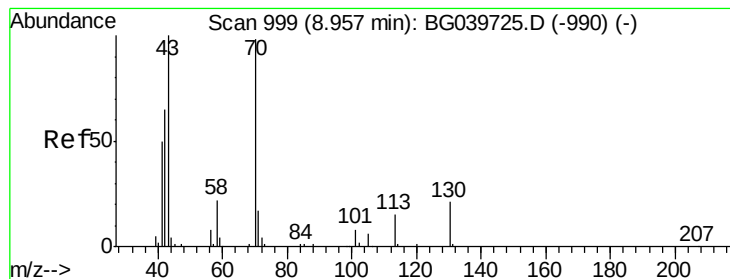
#18
Hexachloroethane
Concen: 41.085 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG039974.D
Acq: 18 Mar 2019 17:58

Tgt Ion:	117	Resp:	47287
Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.3	114.5
201	115.2	91.1	136.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.611 ng

RT: 8.94 min Scan# 997

Delta R.T. -0.02 min

Lab File: BG039974.D

Acq: 18 Mar 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB117991BS

Tgt Ion: 70 Resp: 95106

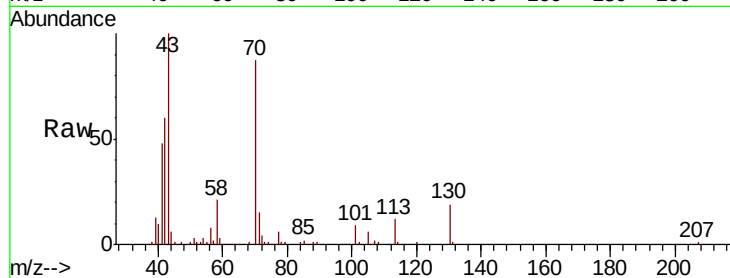
Ion Ratio Lower Upper

70 100

42 69.6 60.4 90.6

101 10.3 7.5 11.3

130 22.0 16.9 25.3

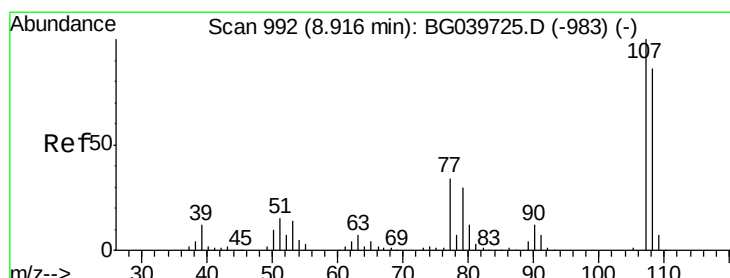
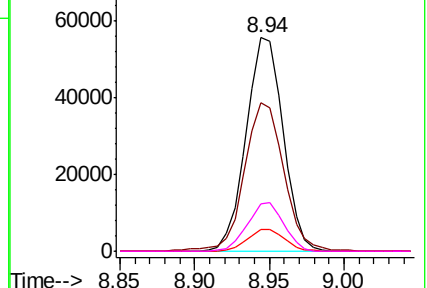
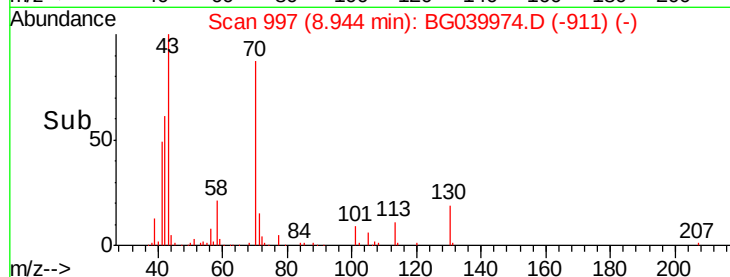


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 42.894 ng

RT: 8.91 min Scan# 991

Delta R.T. -0.02 min

Lab File: BG039974.D

Acq: 18 Mar 2019 17:58

Tgt Ion: 107 Resp: 140864

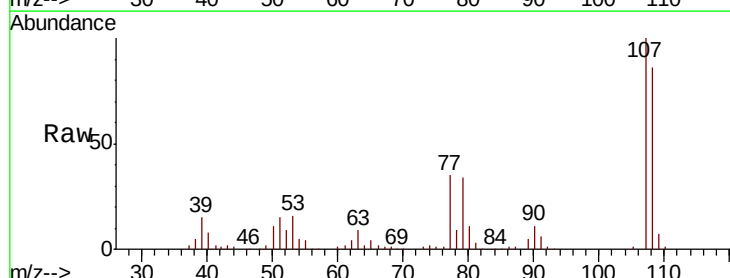
Ion Ratio Lower Upper

107 100

108 85.6 67.9 107.9

77 34.7 15.4 55.4

79 34.0 13.7 53.7

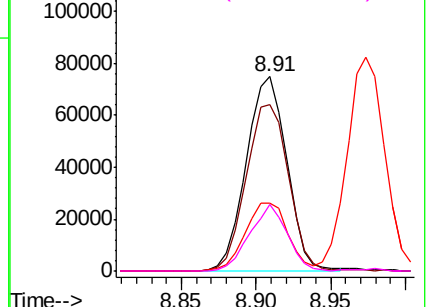
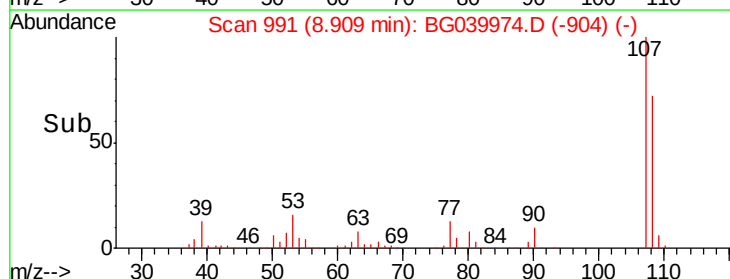


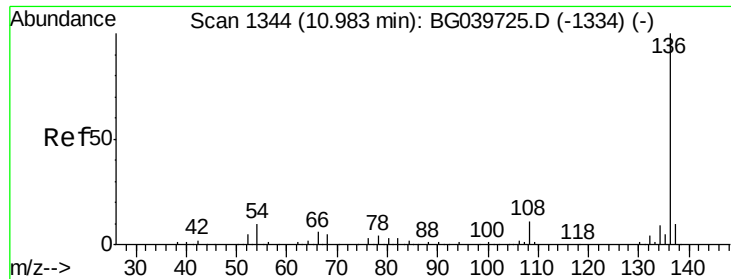
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

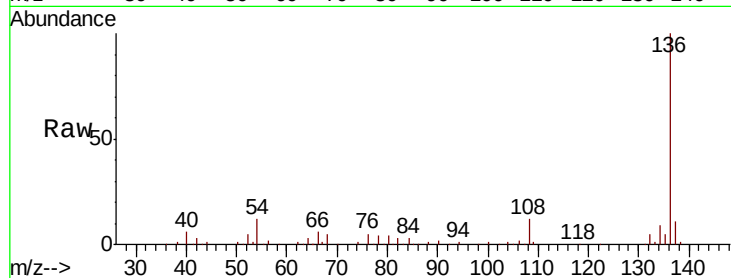




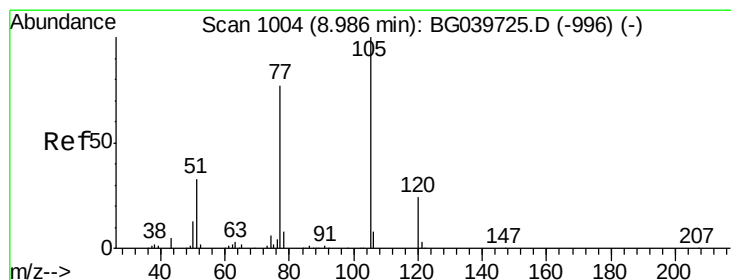
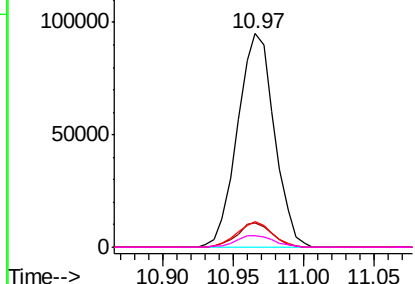
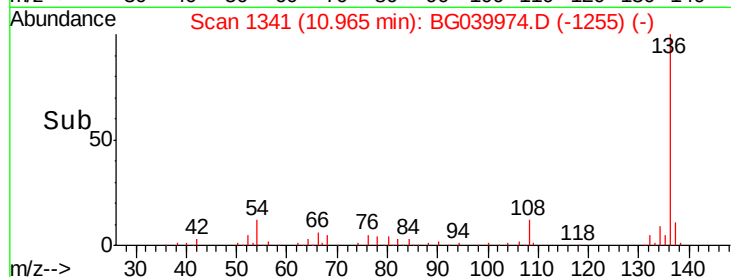
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG039974.D
Acq: 18 Mar 2019 17:58

Instrument :
BNA_G
ClientSampleId :
PB117991BS

Tgt Ion:	136	Resp:	173166
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	11.9	9.4	14.2
68	5.4	4.2	6.4

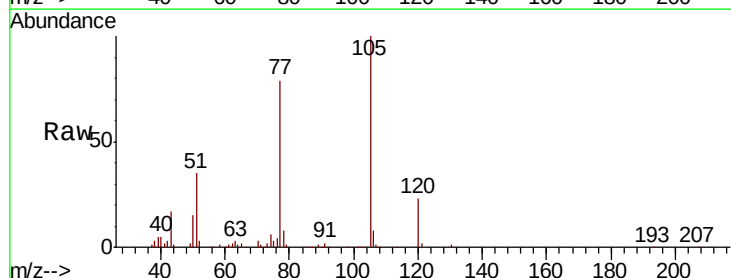


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

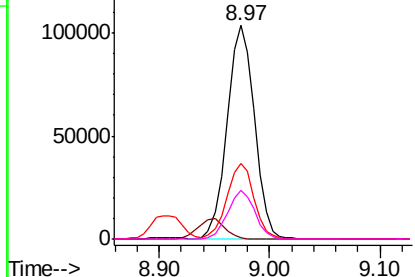
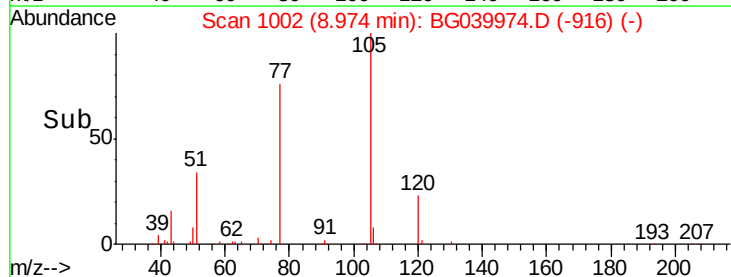


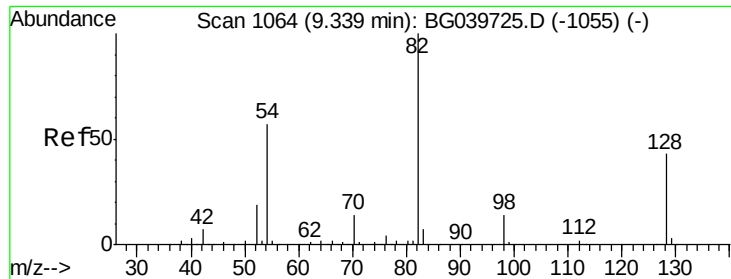
#22
Acetophenone
Concen: 38.760 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG039974.D
Acq: 18 Mar 2019 17:58

Tgt Ion:	105	Resp:	180148
Ion	Ratio	Lower	Upper
105	100		
71	0.7	0.8	1.2#
51	35.2	30.2	45.2
120	22.5	18.0	27.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

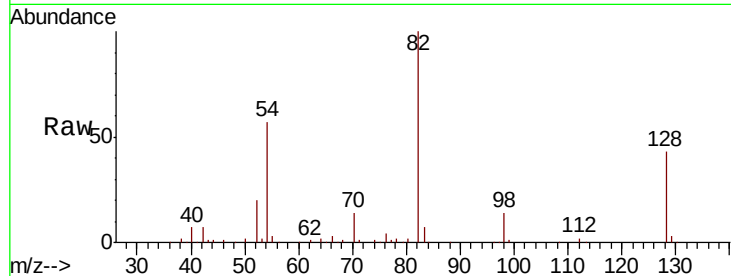




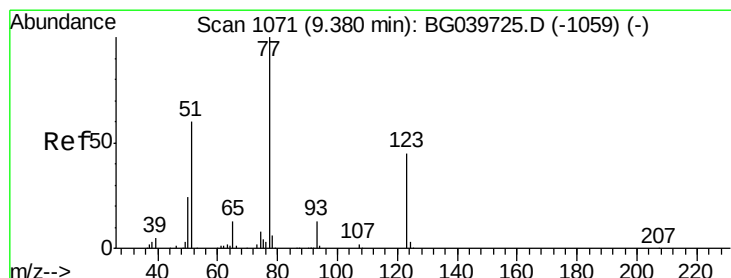
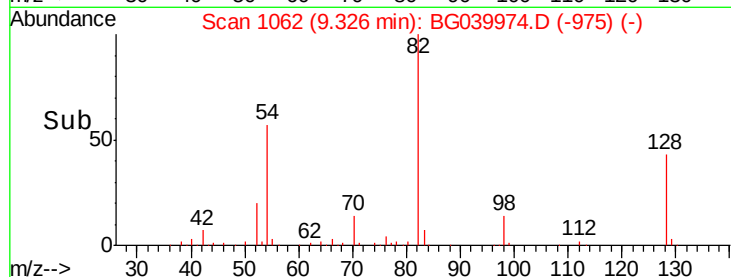
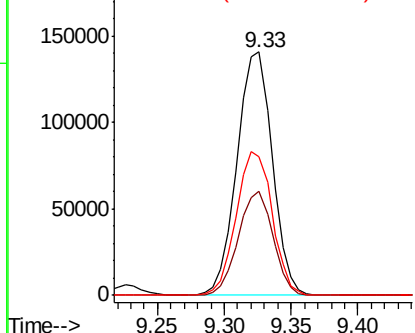
#23
 Nitrobenzene-d5
 Concen: 80.650 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BG039974.D
 Acq: 18 Mar 2019 17:58

Instrument :
 BNA_G
 ClientSampleId :
 PB117991BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.9	31.3	46.9
54	56.8	50.9	76.3

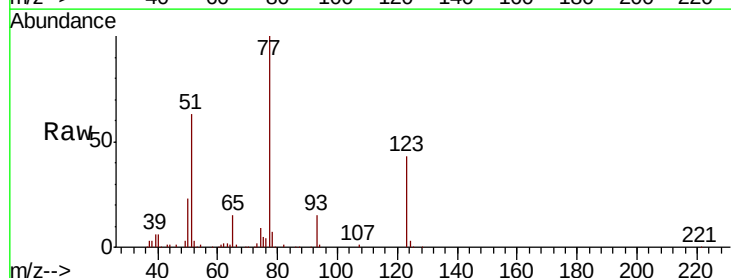


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

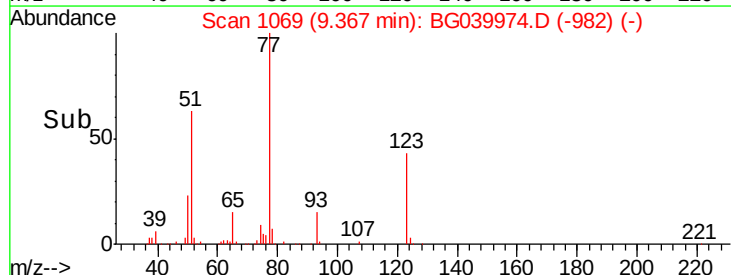
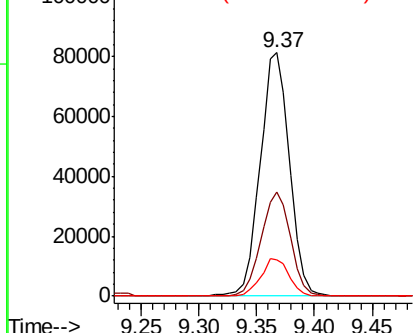


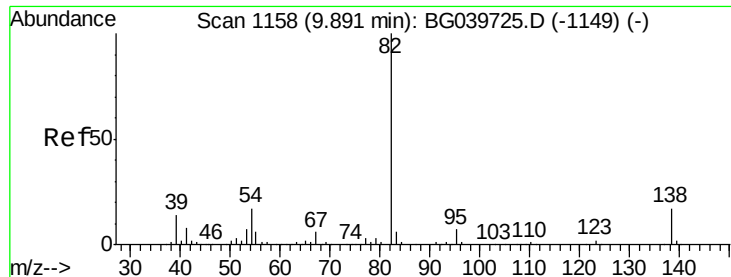
#24
 Nitrobenzene
 Concen: 42.784 ng
 RT: 9.37 min Scan# 1069
 Delta R.T. -0.02 min
 Lab File: BG039974.D
 Acq: 18 Mar 2019 17:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.0	34.1	51.1
65	14.7	12.3	18.5



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





#25

Isophorone

Concen: 39.954 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG039974.D

Acq: 18 Mar 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB117991BS

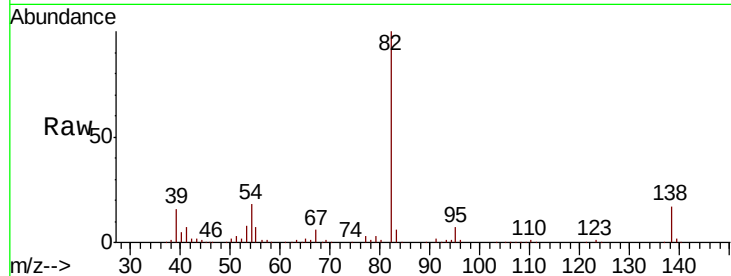
Tgt Ion: 82 Resp: 268040

Ion Ratio Lower Upper

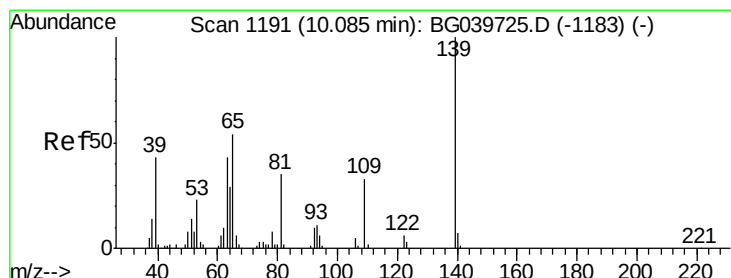
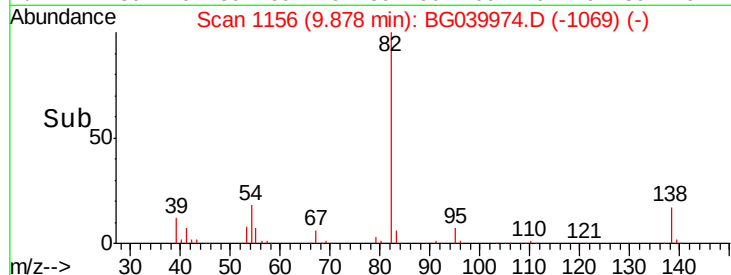
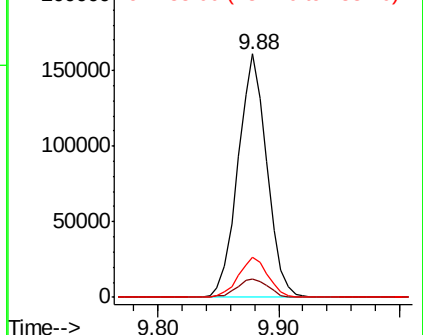
82 100

95 7.4 6.2 9.2

138 16.7 13.0 19.4



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



#26

2-Nitrophenol

Concen: 42.521 ng

RT: 10.07 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BG039974.D

Acq: 18 Mar 2019 17:58

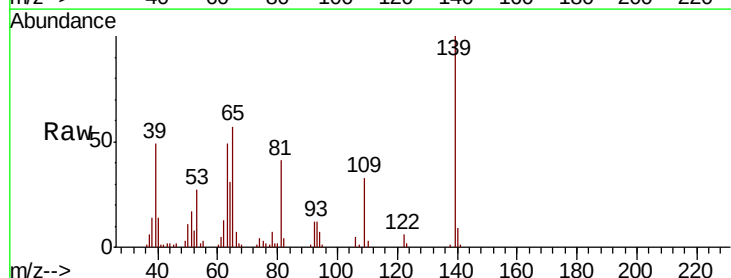
Tgt Ion: 139 Resp: 68958

Ion Ratio Lower Upper

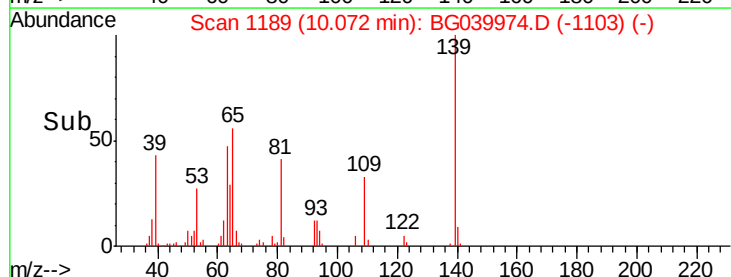
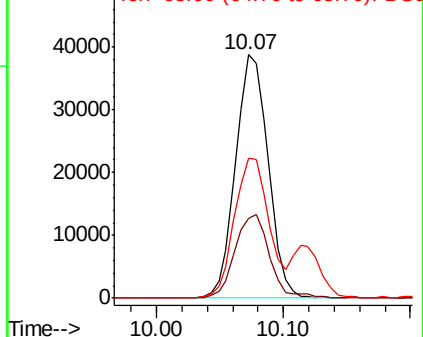
139 100

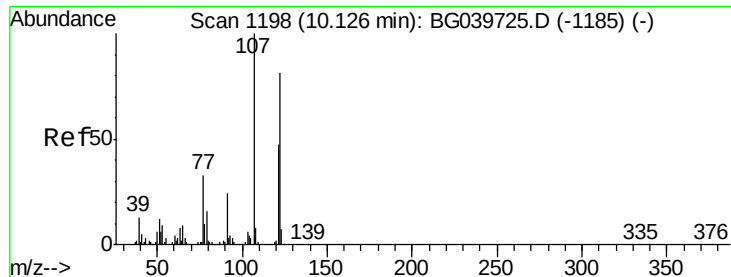
109 32.9 23.4 35.0

65 57.4 44.3 66.5



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

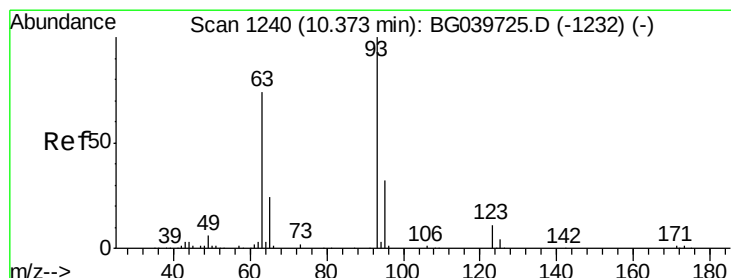
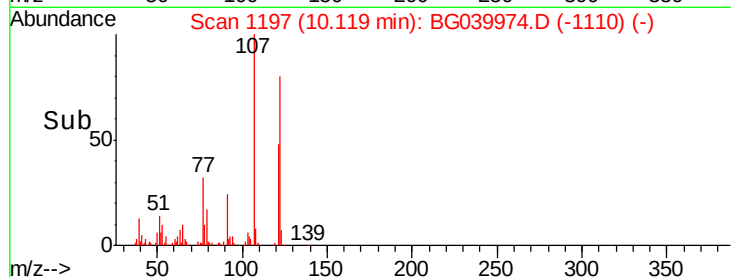
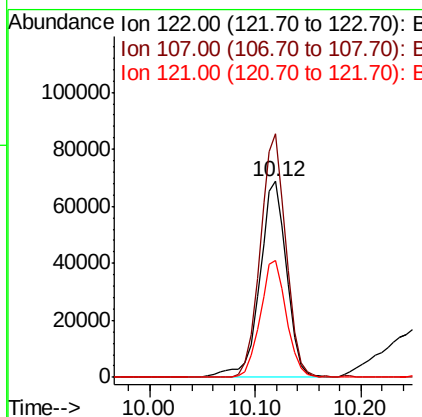
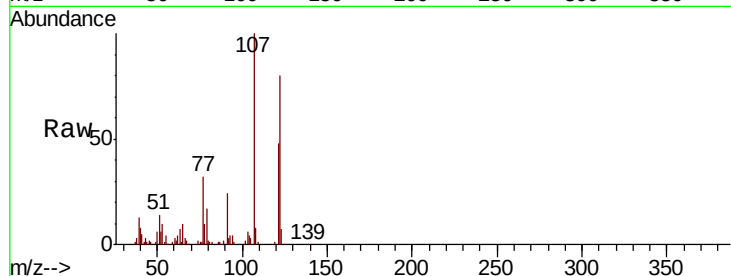




#27
2,4-Dimethylphenol
Concen: 48.222 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BG039974.D
Acq: 18 Mar 2019 17:58

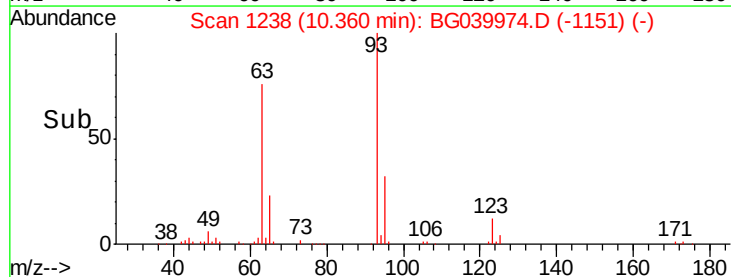
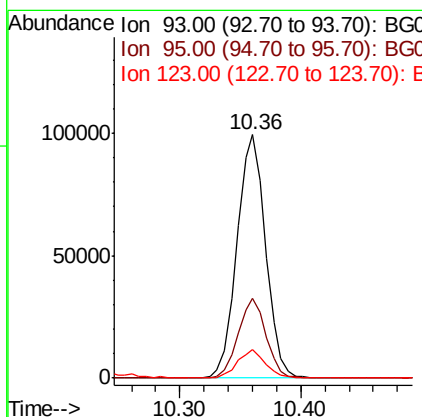
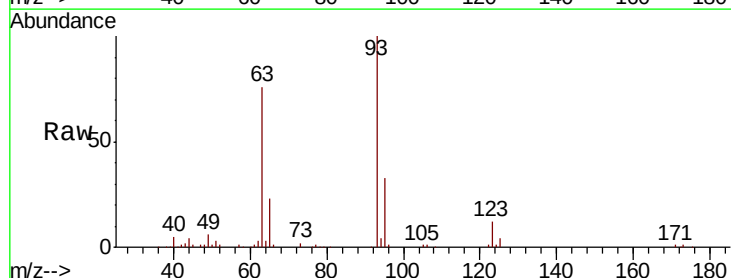
Instrument :
BNA_G
ClientSampleId :
PB117991BS

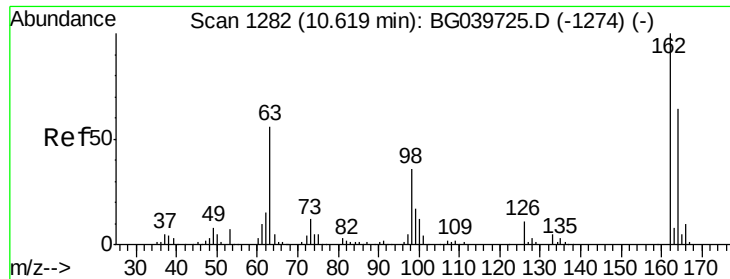
Tgt Ion	Ratio	Lower	Upper
122	100		
107	124.3	91.7	137.5
121	59.9	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 40.152 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BG039974.D
Acq: 18 Mar 2019 17:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.0	37.4
123	11.6	8.6	12.8





#29

2,4-Dichlorophenol

Concen: 45.621 ng

RT: 10.61 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BG039974.D

Acq: 18 Mar 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB117991BS

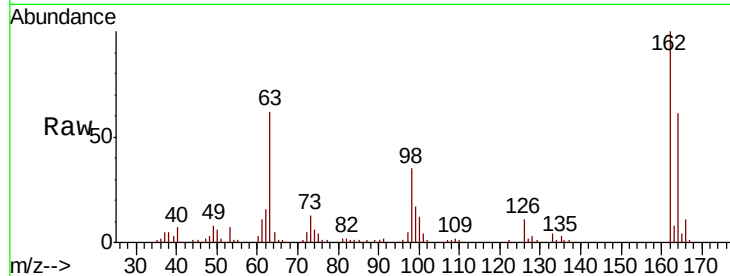
Tgt Ion:162 Resp: 129553

Ion Ratio Lower Upper

162 100

164 61.4 48.1 88.1

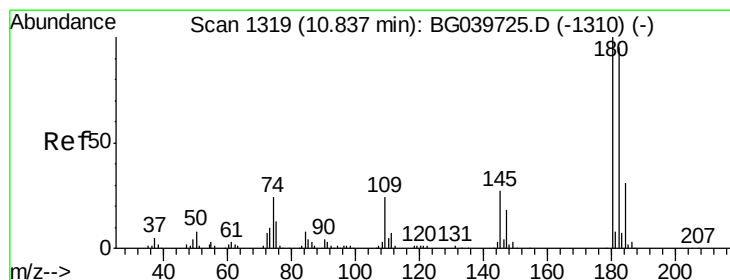
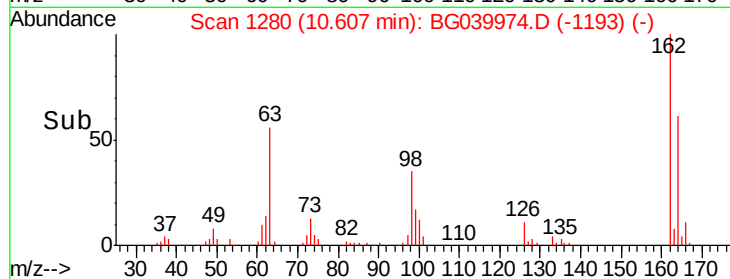
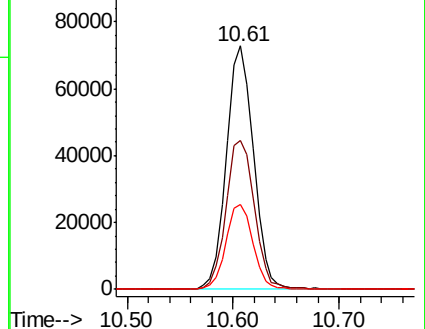
98 35.0 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E



#30

1,2,4-Trichlorobenzene

Concen: 41.530 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.02 min

Lab File: BG039974.D

Acq: 18 Mar 2019 17:58

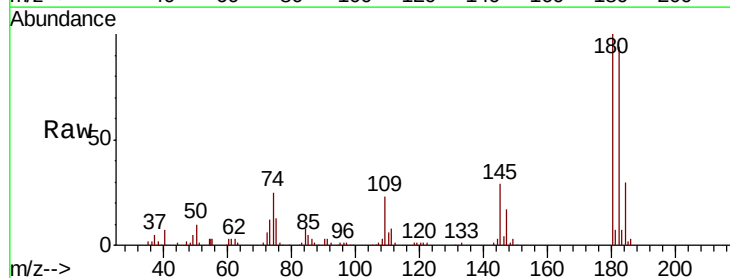
Tgt Ion:180 Resp: 132708

Ion Ratio Lower Upper

180 100

182 94.4 76.0 114.0

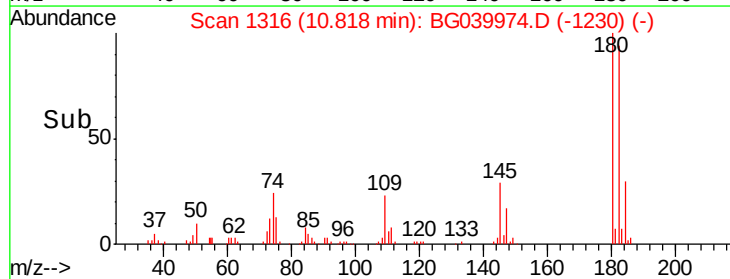
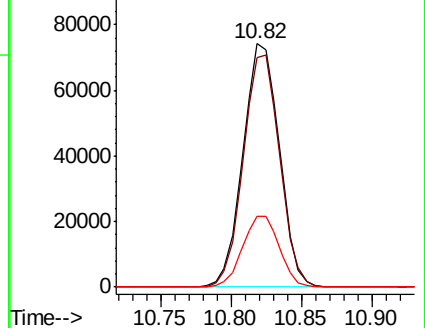
145 28.9 22.7 34.1

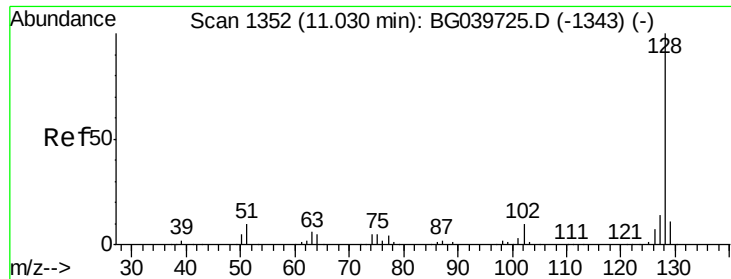


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

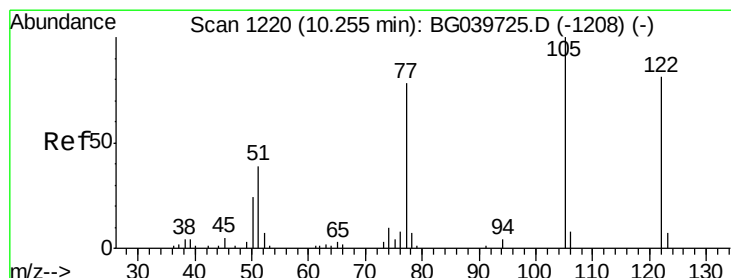
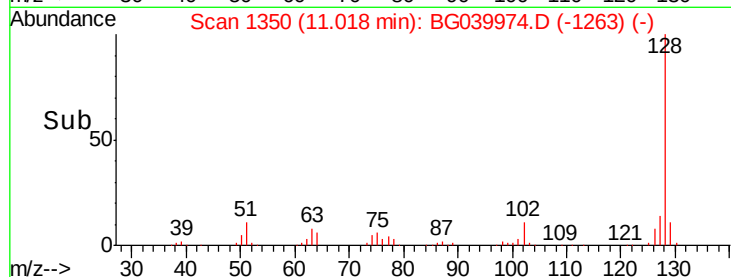
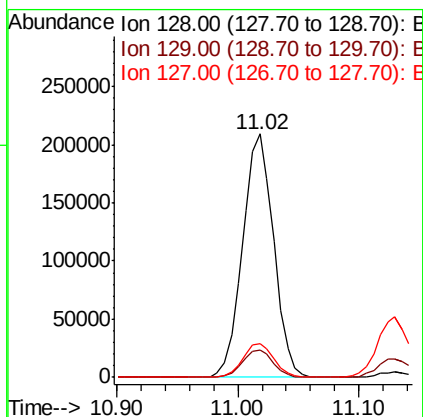
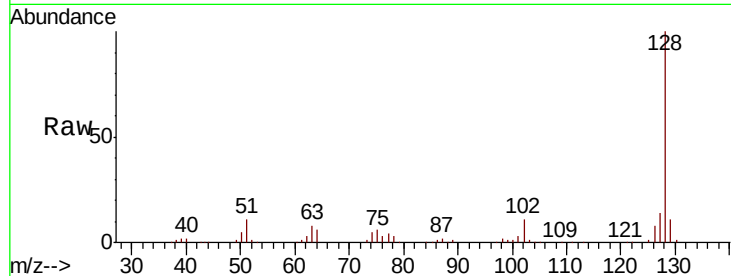




#31
Naphthalene
Concen: 40.805 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG039974.D
Acq: 18 Mar 2019 17:58

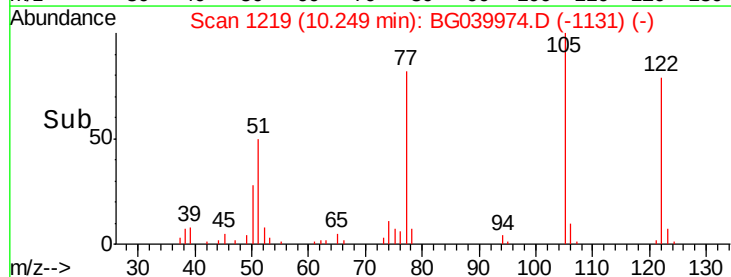
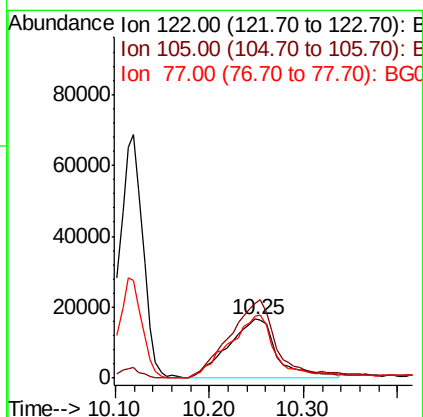
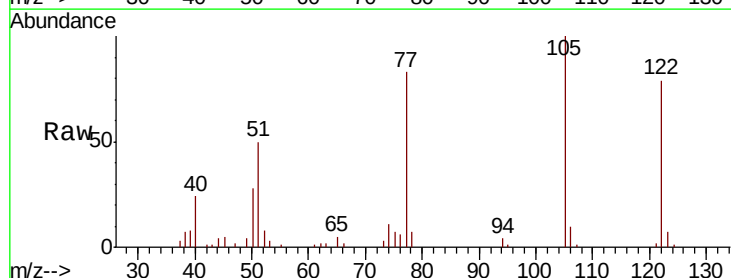
Instrument :
BNA_G
ClientSampleId :
PB117991BS

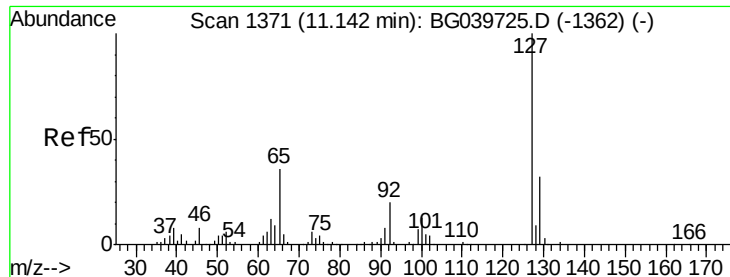
Tgt Ion:128 Resp: 374112
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.8 10.8 16.2



#32
Benzoic acid
Concen: 35.421 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG039974.D
Acq: 18 Mar 2019 17:58

Tgt Ion:122 Resp: 57871
Ion Ratio Lower Upper
122 100
105 126.4 101.8 141.8
77 105.4 76.3 116.3

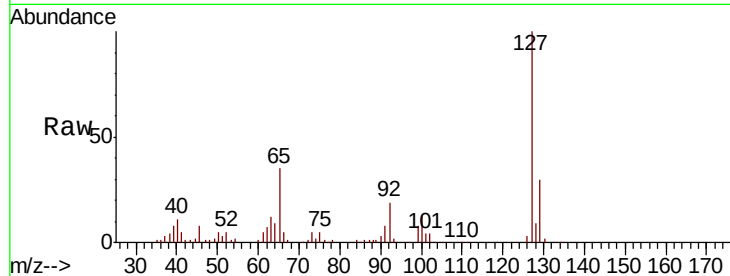




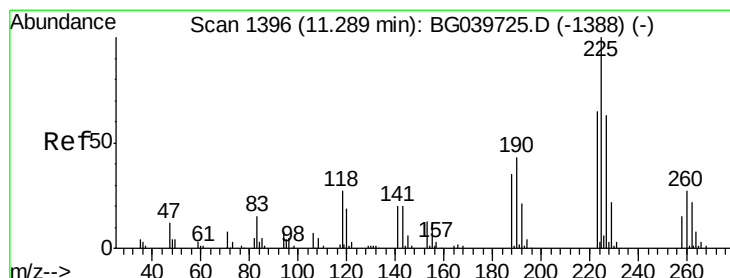
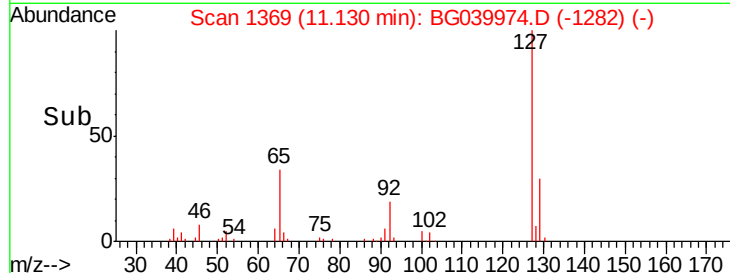
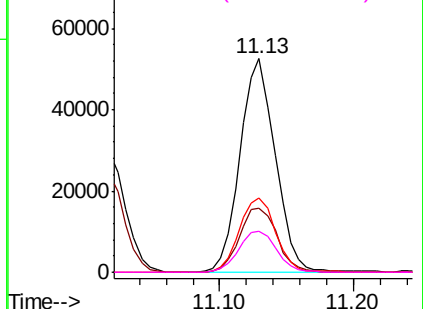
#33
4-Chloroaniline
Concen: 24.683 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG039974.D
Acq: 18 Mar 2019 17:58

Instrument :
BNA_G
ClientSampleId :
PB117991BS

Tgt Ion:	127	Resp:	95963
Ion	Ratio	Lower	Upper
127	100		
129	30.1	27.0	40.4
65	34.7	28.8	43.2
92	19.2	16.6	25.0

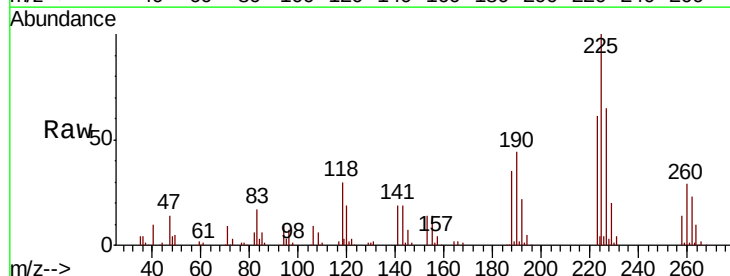


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

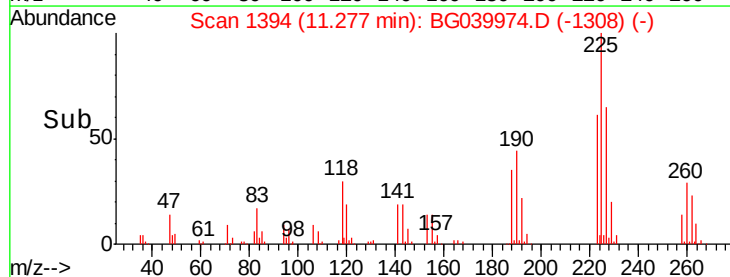
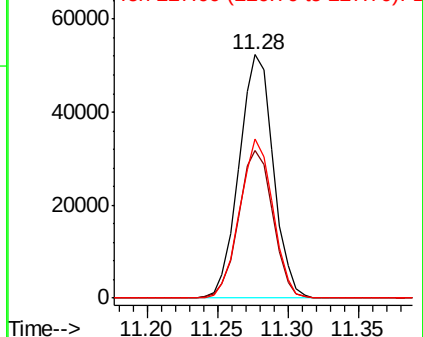


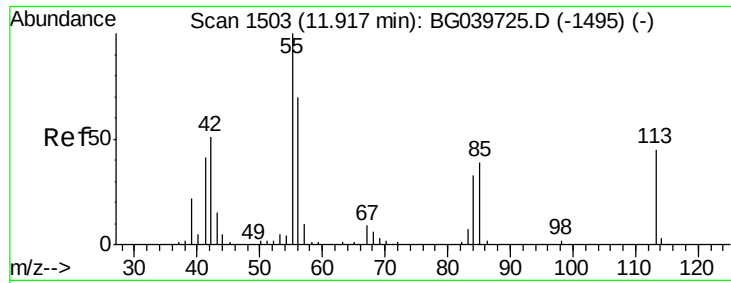
#34
Hexachlorobutadiene
Concen: 40.598 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BG039974.D
Acq: 18 Mar 2019 17:58

Tgt Ion:	225	Resp:	88652
Ion	Ratio	Lower	Upper
225	100		
223	60.6	49.0	73.6
227	65.2	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

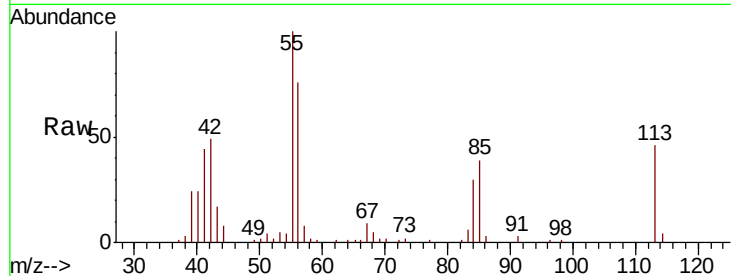




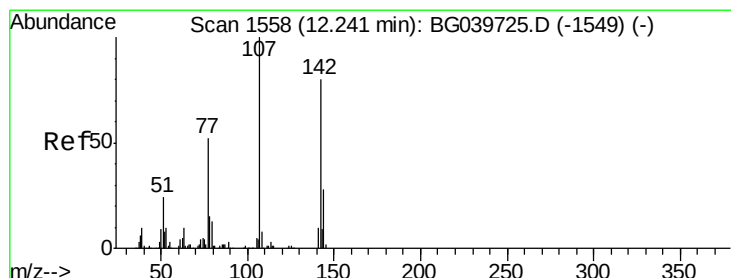
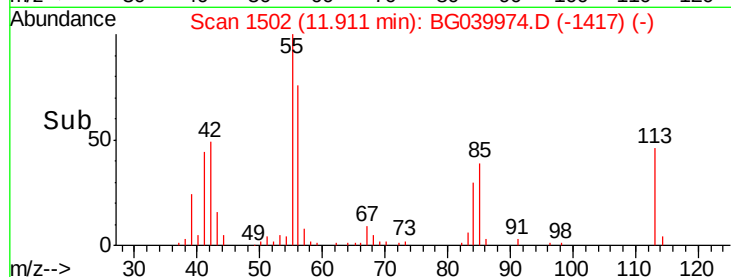
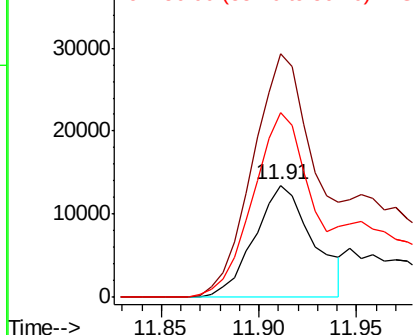
#35
 Caprolactam
 Concen: 25.690 ng
 RT: 11.91 min Scan# 1502
 Delta R.T. -0.03 min
 Lab File: BG039974.D
 Acq: 18 Mar 2019 17:58

Instrument :
 BNA_G
 ClientSampleId :
 PB117991BS

Tgt Ion:113 Resp: 27868
 Ion Ratio Lower Upper
 113 100
 55 216.7 216.9 256.9#
 56 164.6 152.6 192.6

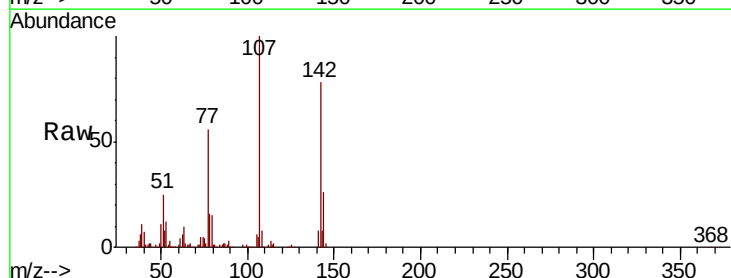


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

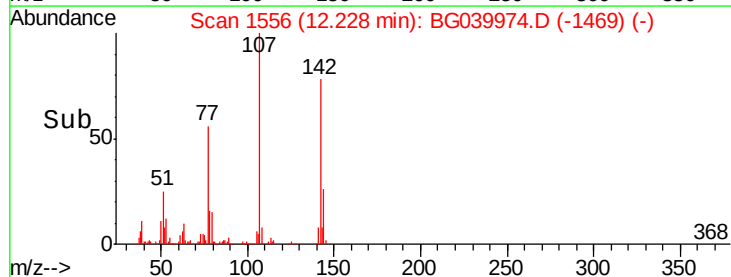
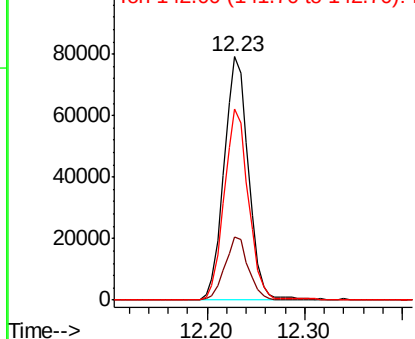


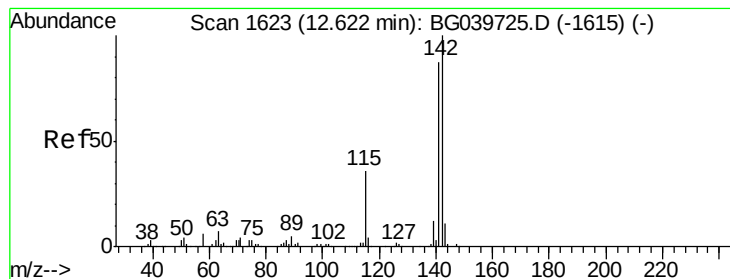
#36
 4-Chloro-3-methylphenol
 Concen: 42.096 ng
 RT: 12.23 min Scan# 1556
 Delta R.T. -0.02 min
 Lab File: BG039974.D
 Acq: 18 Mar 2019 17:58

Tgt Ion:107 Resp: 137037
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.2 30.2
 142 78.5 61.4 92.2



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.982 ng

RT: 12.61 min Scan# 1621

Delta R.T. -0.02 min

Lab File: BG039974.D

Acq: 18 Mar 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB117991BS

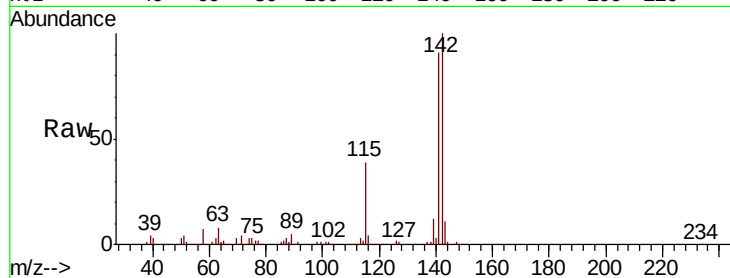
Tgt Ion:142 Resp: 280915

Ion Ratio Lower Upper

142 100

141 91.3 73.5 110.3

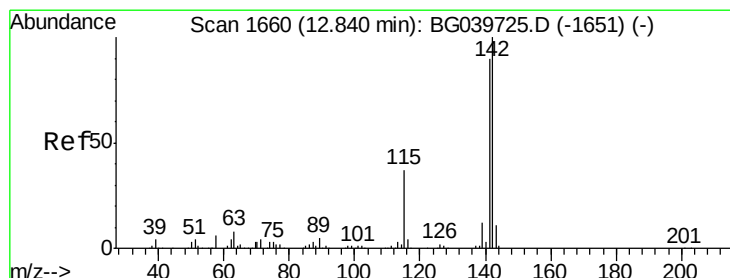
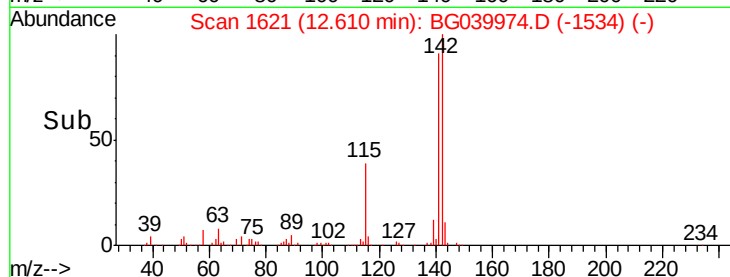
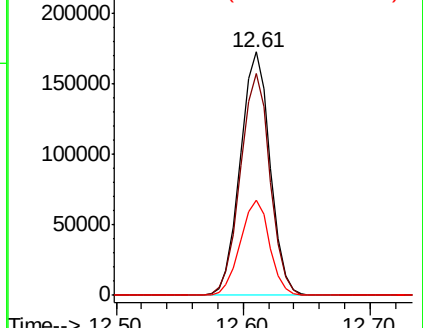
115 39.2 30.8 46.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.392 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.02 min

Lab File: BG039974.D

Acq: 18 Mar 2019 17:58

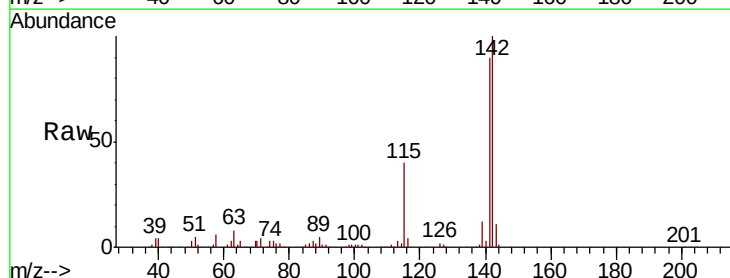
Tgt Ion:142 Resp: 269065

Ion Ratio Lower Upper

142 100

141 90.4 74.2 111.4

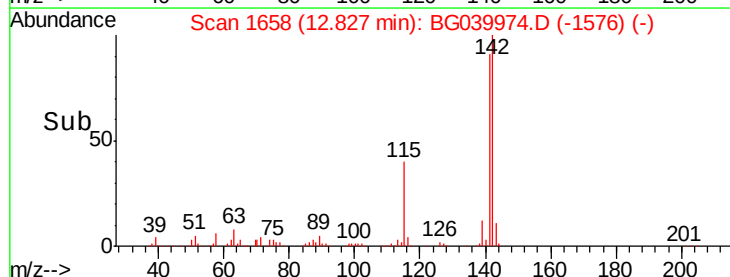
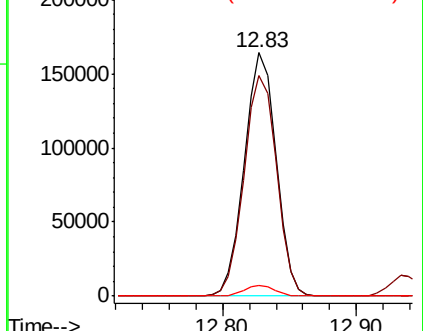
116 4.1 3.0 4.6

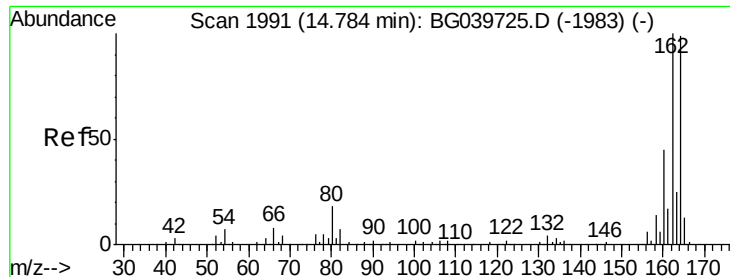


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG039974.D

Acq: 18 Mar 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB117991BS

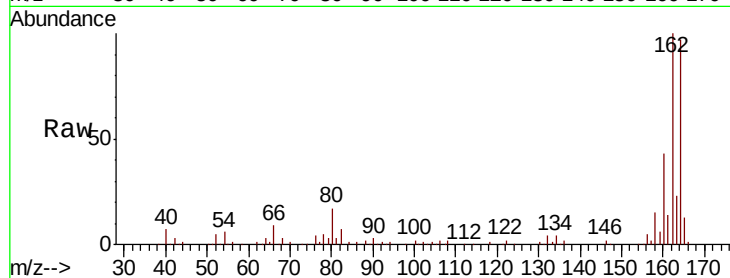
Tgt Ion:164 Resp: 112738

Ion Ratio Lower Upper

164 100

162 103.4 81.6 122.4

160 44.0 34.2 51.2

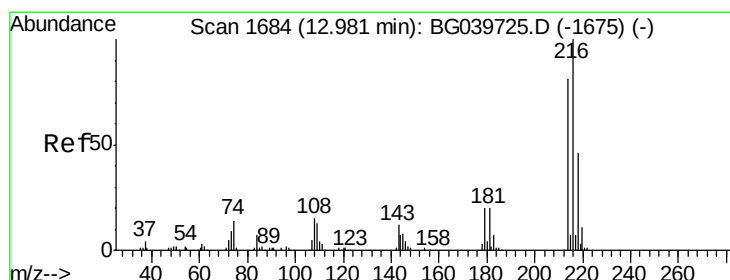
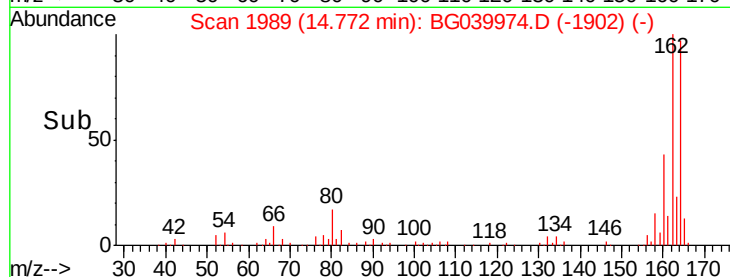
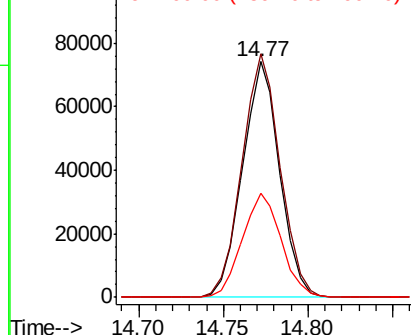


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.265 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG039974.D

Acq: 18 Mar 2019 17:58

Tgt Ion:216 Resp: 157603

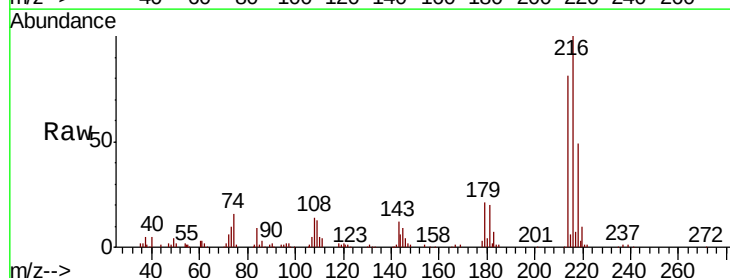
Ion Ratio Lower Upper

216 100

214 79.5 62.6 94.0

179 20.6 16.6 25.0

108 18.5 14.0 21.0



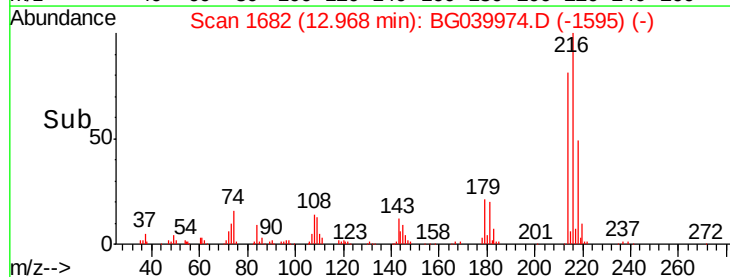
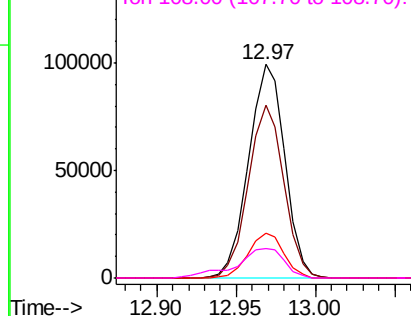
Abundance

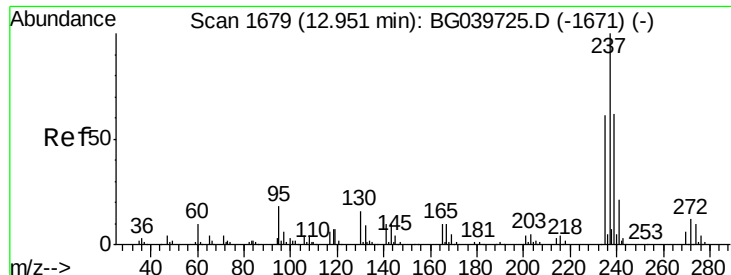
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 97.332 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.02 min

Lab File: BG039974.D

Acq: 18 Mar 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB117991BS

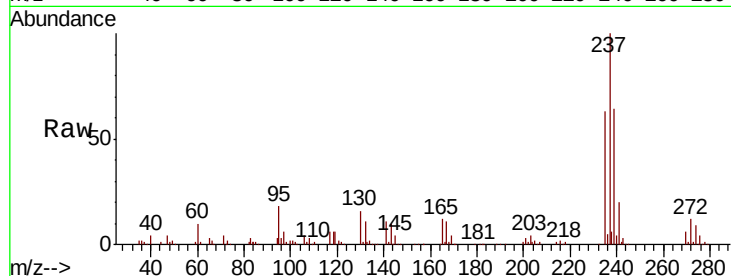
Tgt Ion:237 Resp: 199216

Ion Ratio Lower Upper

237 100

235 63.2 43.3 83.3

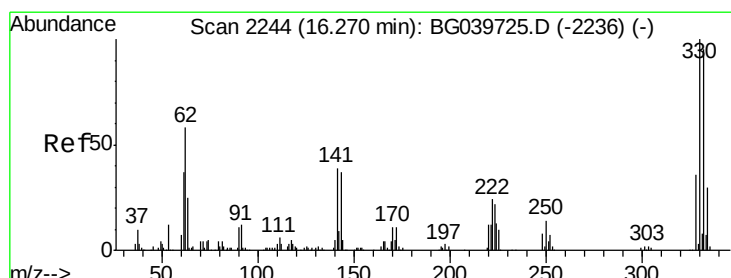
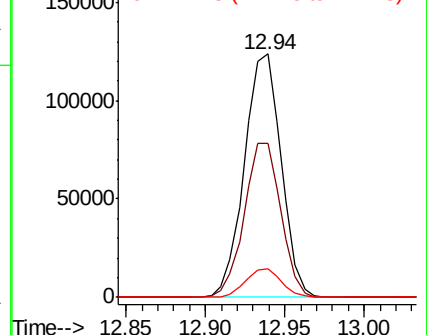
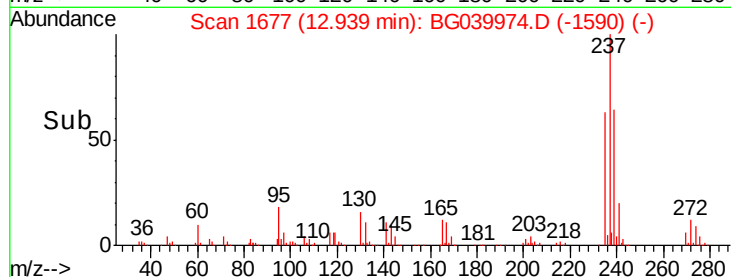
272 12.0 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 132.647 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG039974.D

Acq: 18 Mar 2019 17:58

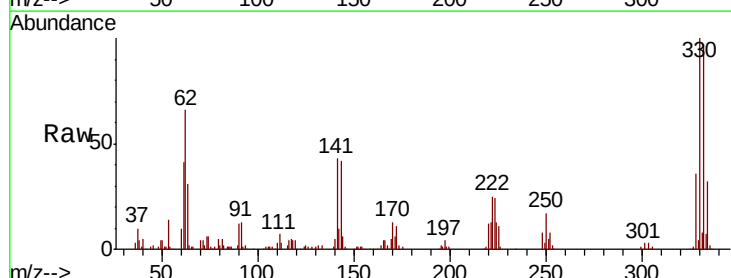
Tgt Ion:330 Resp: 174304

Ion Ratio Lower Upper

330 100

332 95.6 75.7 113.5

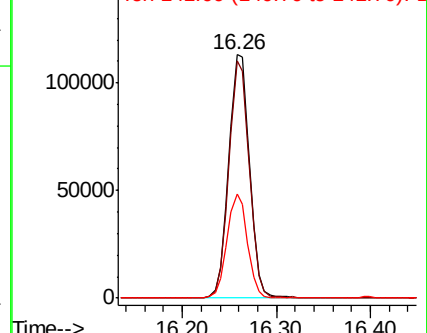
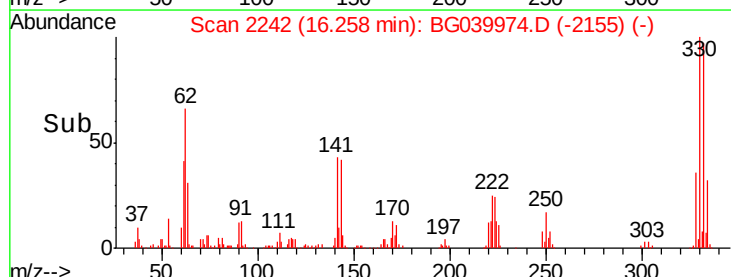
141 42.0 35.6 53.4

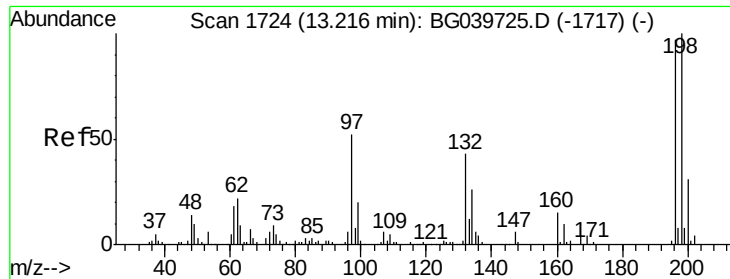


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

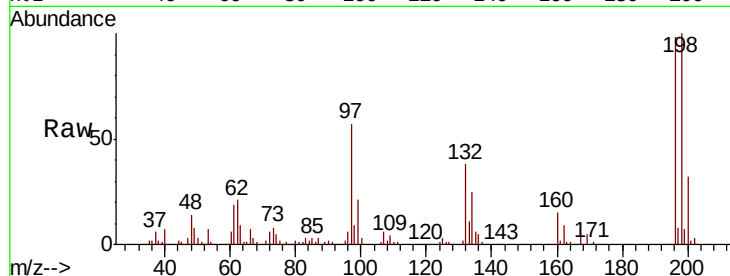




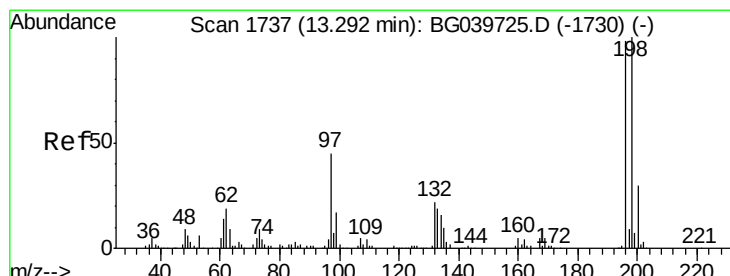
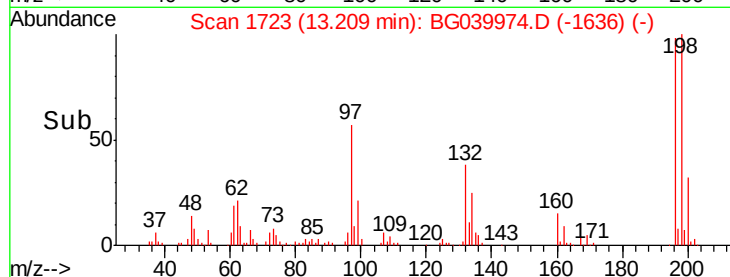
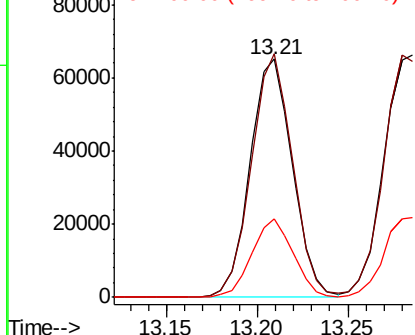
#43
 2,4,6-Trichlorophenol
 Concen: 47.245 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BG039974.D
 Acq: 18 Mar 2019 17:58

Instrument :
 BNA_G
 ClientSampleId :
 PB117991BS

Tgt Ion:196 Resp: 105640
 Ion Ratio Lower Upper
 196 100
 198 102.3 80.6 121.0
 200 32.8 26.1 39.1



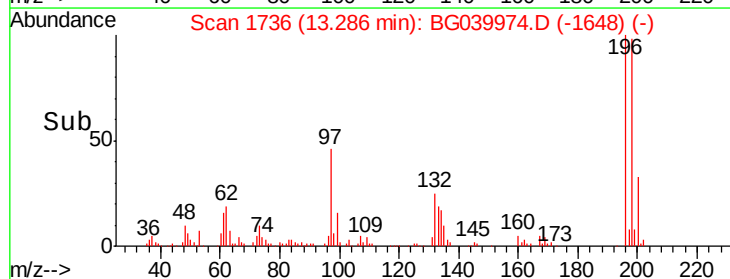
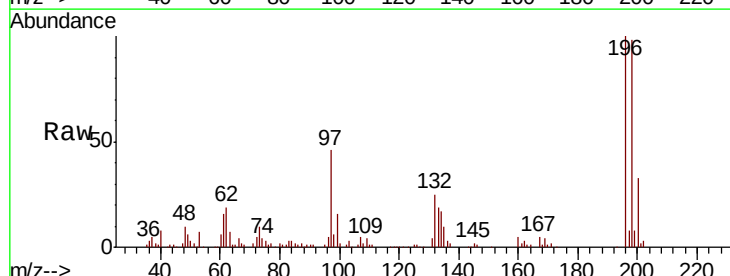
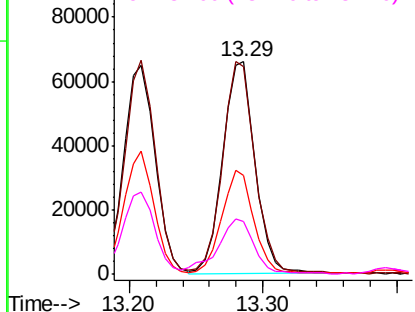
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

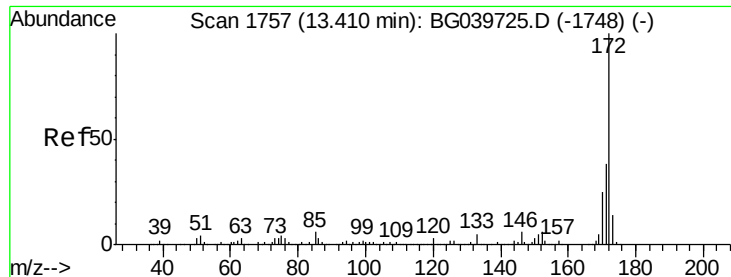


#44
 2,4,5-Trichlorophenol
 Concen: 44.555 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG039974.D
 Acq: 18 Mar 2019 17:58

Tgt Ion:196 Resp: 112295
 Ion Ratio Lower Upper
 196 100
 198 97.6 78.5 117.7
 97 46.3 38.4 57.6
 132 25.0 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

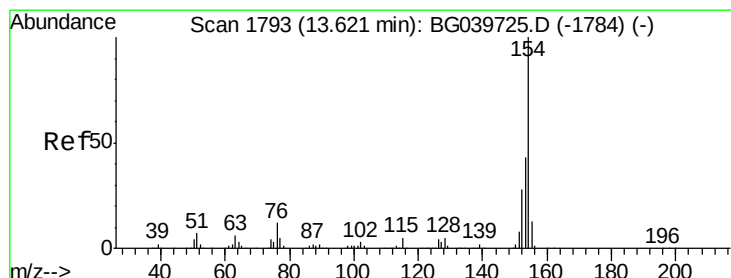
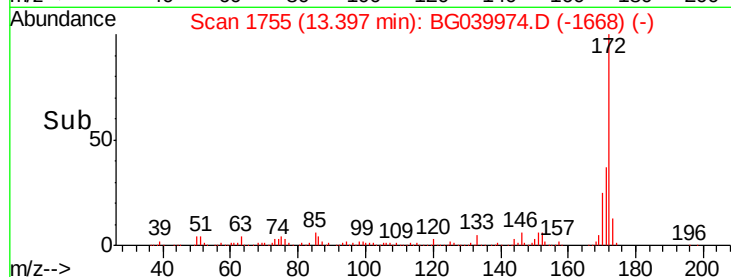
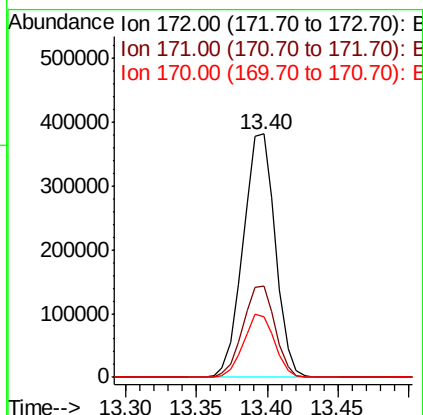
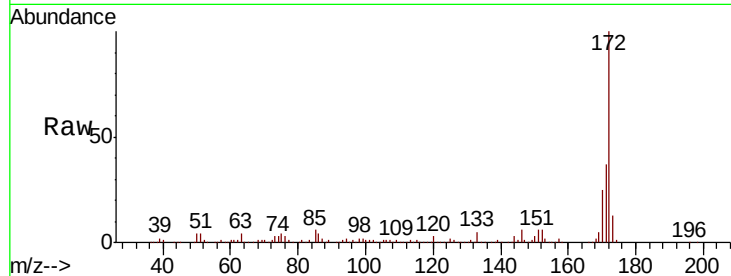




#45
2-Fluorobiphenyl
Concen: 77.042 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG039974.D
Acq: 18 Mar 2019 17:58

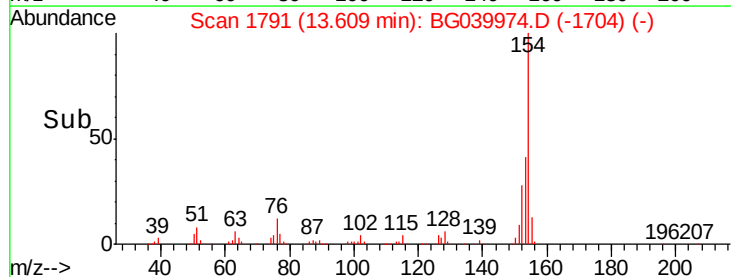
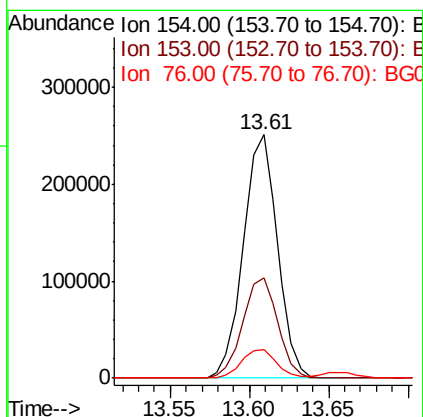
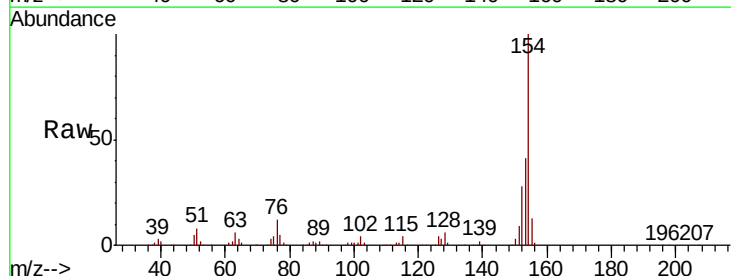
Instrument :
BNA_G
ClientSampleId :
PB117991BS

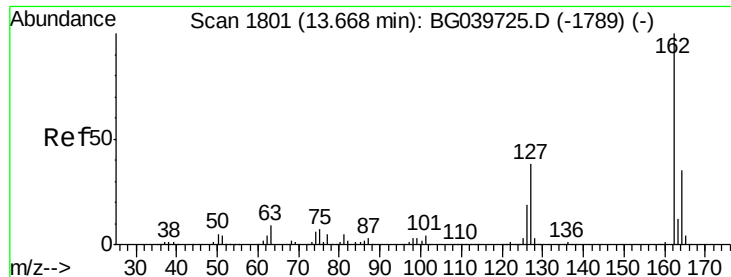
Tgt Ion:172 Resp: 610016
Ion Ratio Lower Upper
172 100
171 37.3 30.8 46.2
170 24.9 20.2 30.4



#46
1,1'-Biphenyl
Concen: 40.413 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BG039974.D
Acq: 18 Mar 2019 17:58

Tgt Ion:154 Resp: 374730
Ion Ratio Lower Upper
154 100
153 41.3 22.1 62.1
76 12.0 0.0 32.4

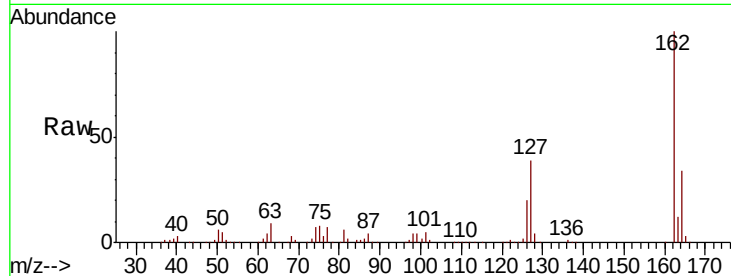




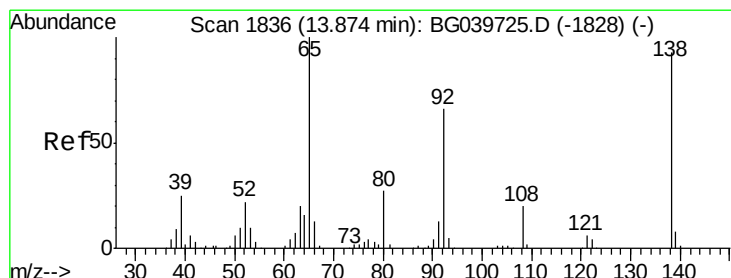
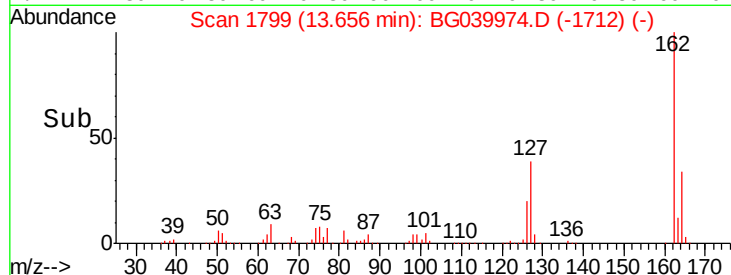
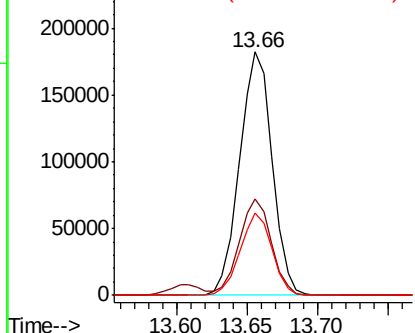
#47
 2-Chloronaphthalene
 Concen: 41.954 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG039974.D
 Acq: 18 Mar 2019 17:58

Instrument :
 BNA_G
 ClientSampleId :
 PB117991BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.3	31.0	46.6
164	33.9	25.7	38.5

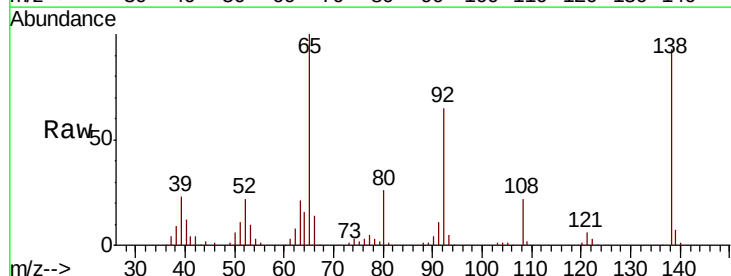


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

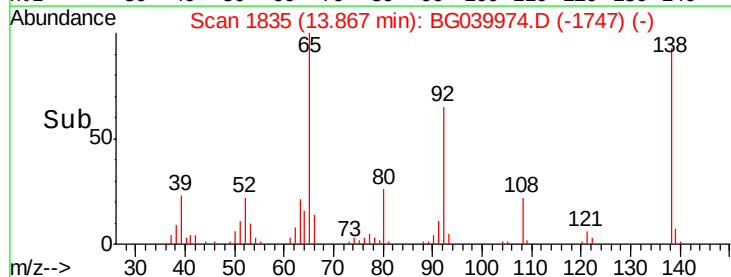
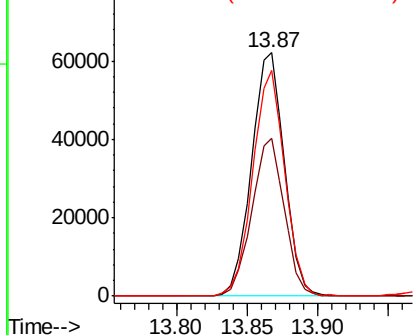


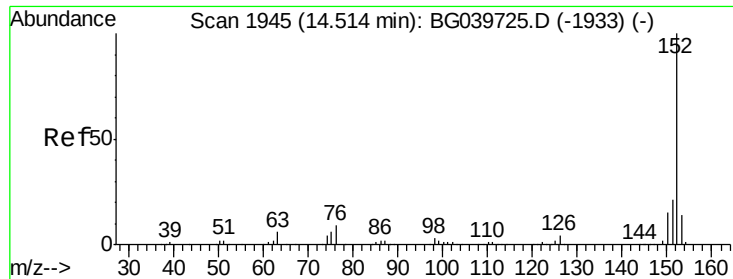
#48
 2-Nitroaniline
 Concen: 45.191 ng
 RT: 13.87 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BG039974.D
 Acq: 18 Mar 2019 17:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.9	51.4	77.2
138	92.7	71.4	107.2



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.352 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BG039974.D

Acq: 18 Mar 2019 17:58

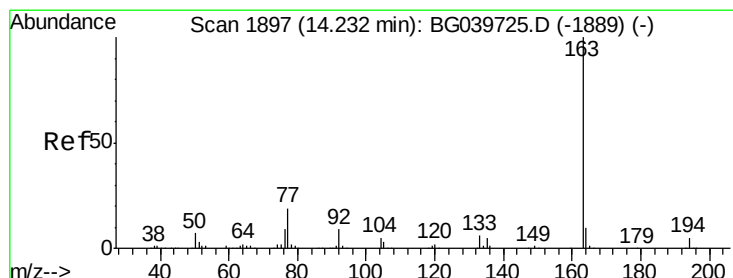
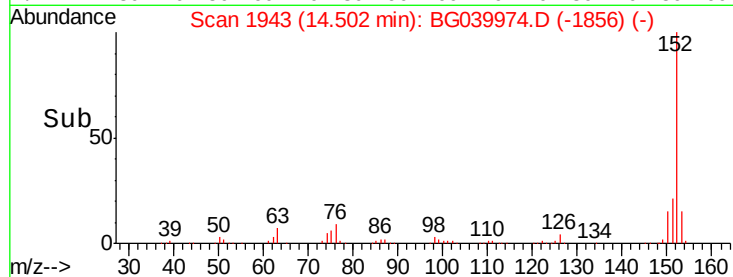
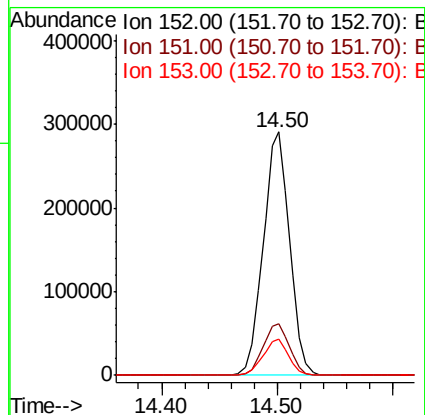
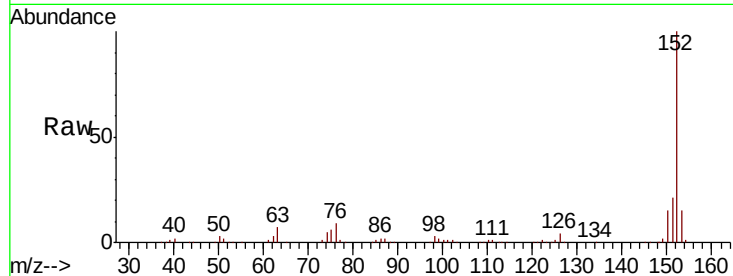
Instrument :

BNA_G

ClientSampleId :

PB117991BS

Tgt Ion:	152	Resp:	462077
Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.8	25.2
153	14.6	11.7	17.5



#50

Dimethylphthalate

Concen: 40.091 ng

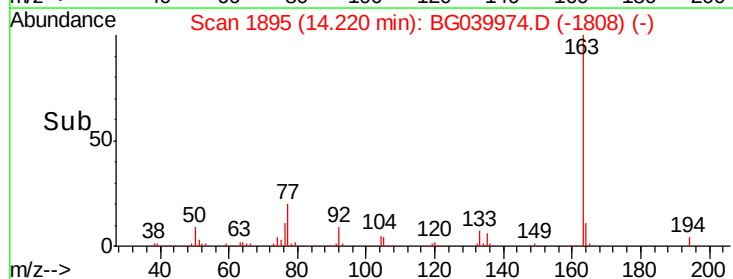
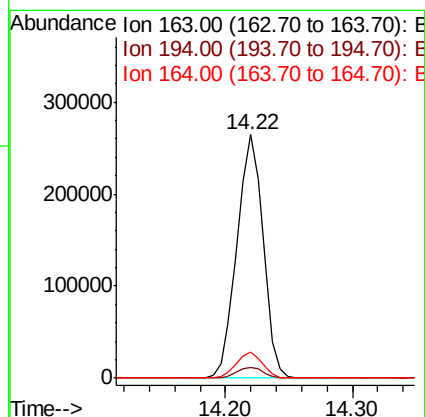
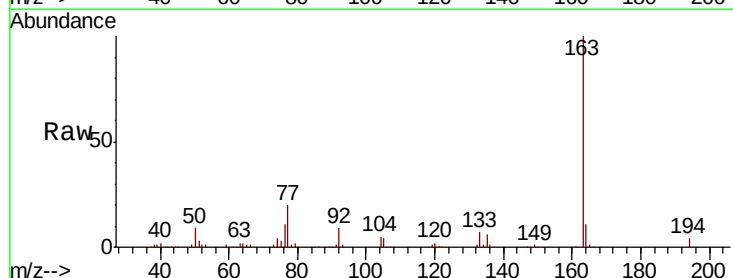
RT: 14.22 min Scan# 1895

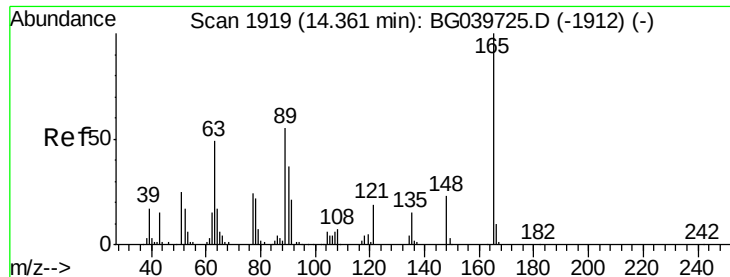
Delta R.T. -0.02 min

Lab File: BG039974.D

Acq: 18 Mar 2019 17:58

Tgt Ion:	163	Resp:	377940
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	10.6	8.4	12.6

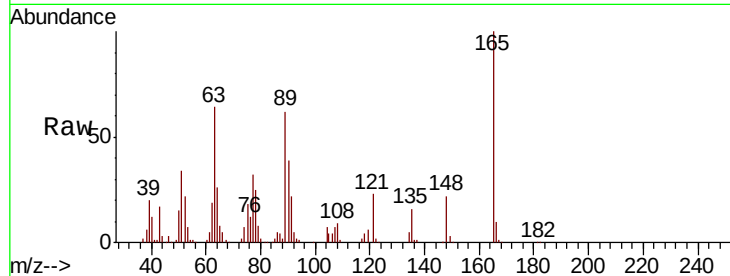




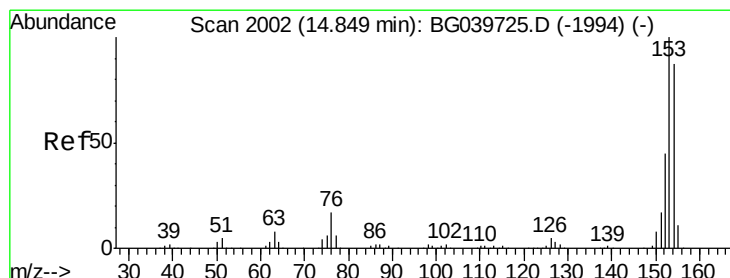
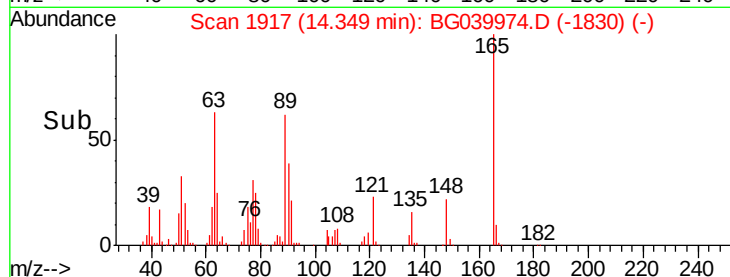
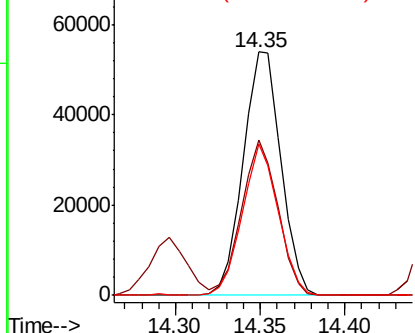
#51
2,6-Dinitrotoluene
Concen: 41.932 ng
RT: 14.35 min Scan# 1917
Delta R.T. -0.02 min
Lab File: BG039974.D
Acq: 18 Mar 2019 17:58

Instrument :
BNA_G
ClientSampleId :
PB117991BS

Tgt Ion:165 Resp: 83800
Ion Ratio Lower Upper
165 100
63 63.7 47.0 70.6
89 62.4 45.8 68.8

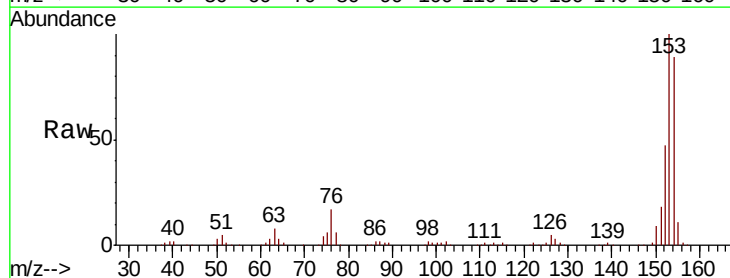


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

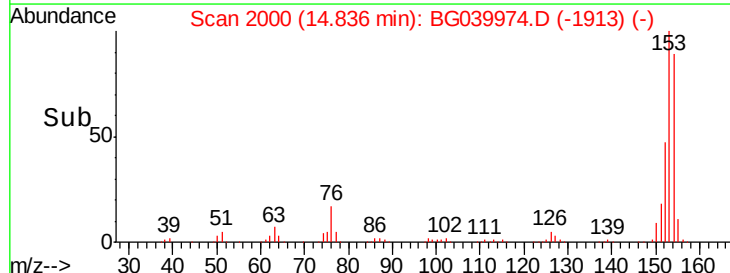
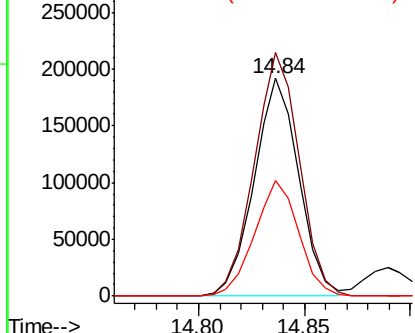


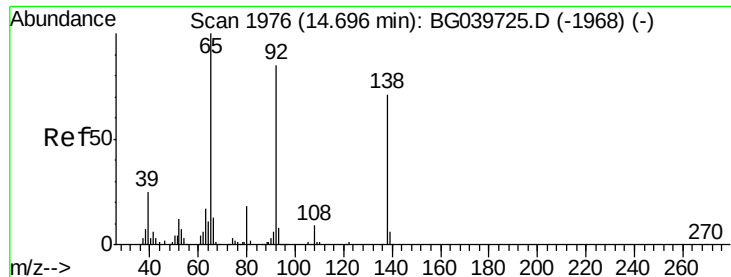
#52
Acenaphthene
Concen: 40.725 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BG039974.D
Acq: 18 Mar 2019 17:58

Tgt Ion:154 Resp: 280689
Ion Ratio Lower Upper
154 100
153 111.8 90.1 135.1
152 52.9 40.9 61.3



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

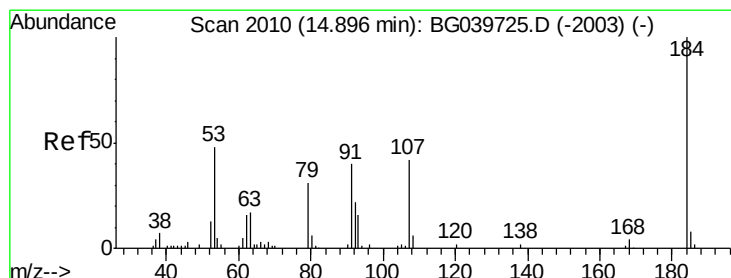
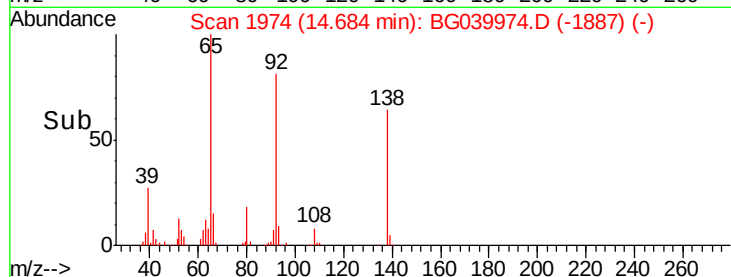
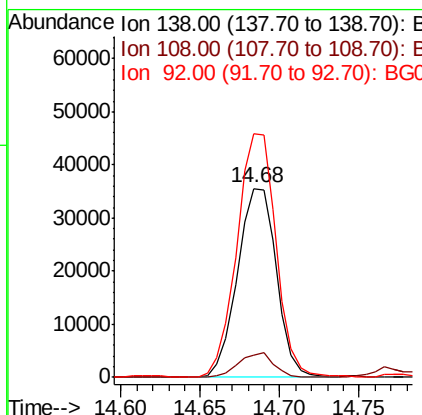
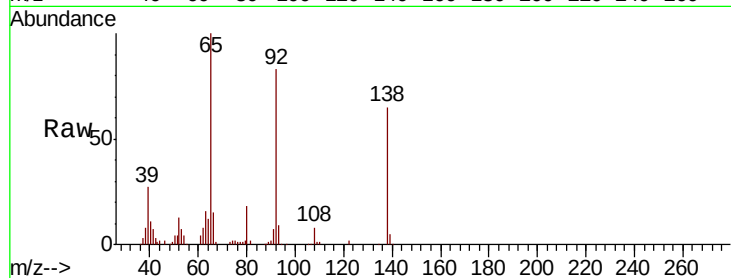




#53
3-Nitroaniline
Concen: 30.250 ng
RT: 14.68 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG039974.D
Acq: 18 Mar 2019 17:58

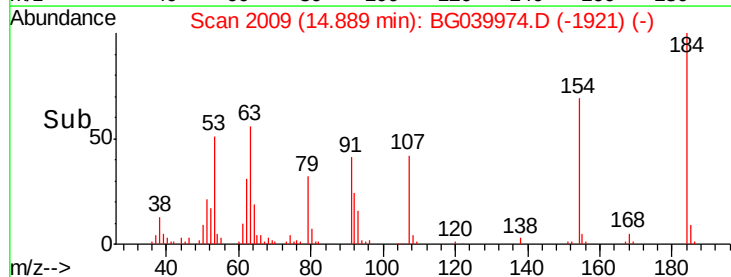
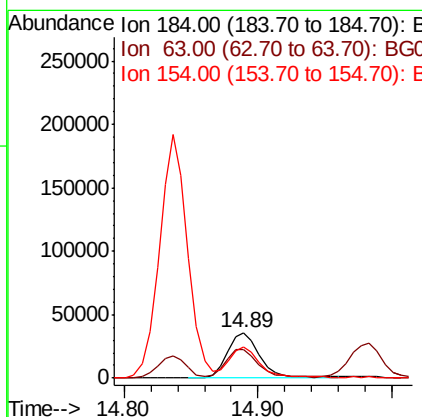
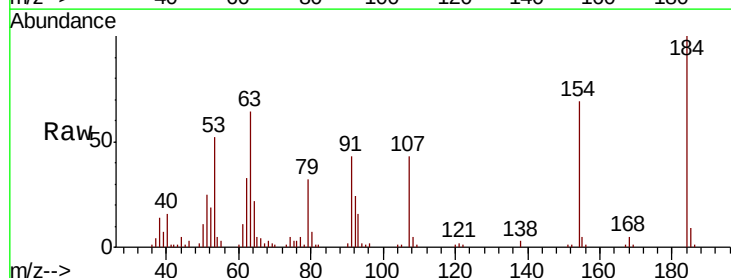
Instrument :
BNA_G
ClientSampleId :
PB117991BS

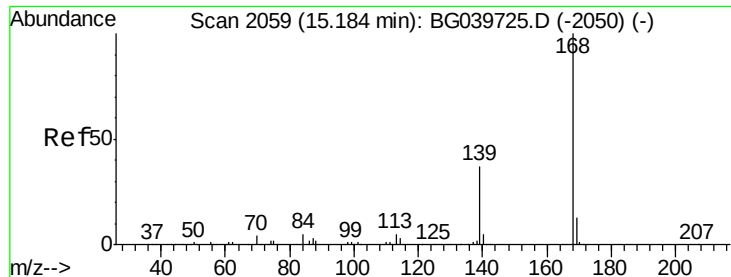
Tgt Ion:138 Resp: 60769
Ion Ratio Lower Upper
138 100
108 11.7 13.8 20.8#
92 128.7 103.7 155.5



#54
2,4-Dinitrophenol
Concen: 51.145 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG039974.D
Acq: 18 Mar 2019 17:58

Tgt Ion:184 Resp: 61901
Ion Ratio Lower Upper
184 100
63 63.5 50.9 76.3
154 69.1 53.0 79.6





#55

Dibenzofuran

Concen: 41.314 ng

RT: 15.17 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BG039974.D

Acq: 18 Mar 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB117991BS

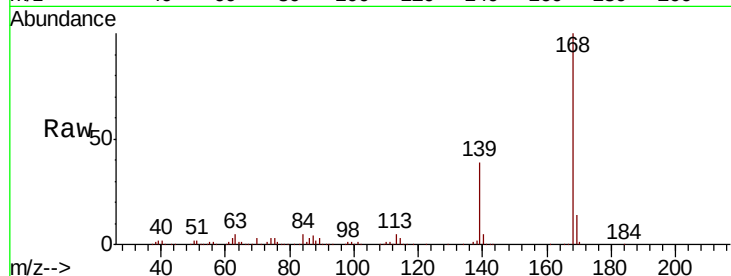
Tgt Ion:168 Resp: 467184

Ion Ratio Lower Upper

168 100

139 38.9 30.1 45.1

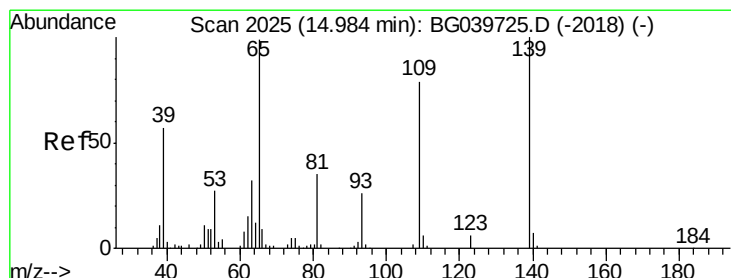
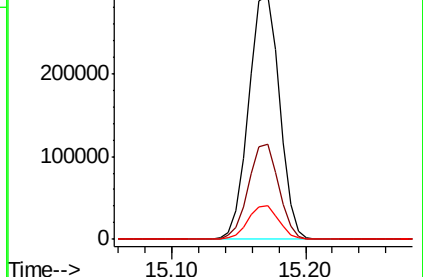
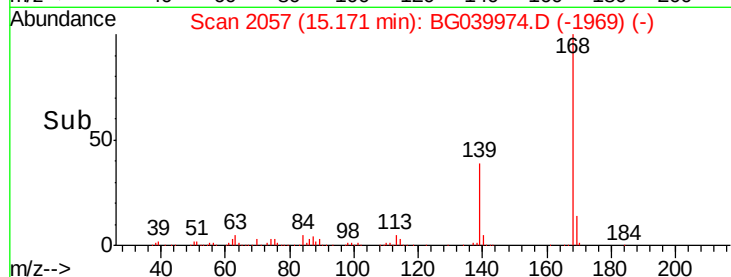
169 13.6 10.6 16.0



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: 78.806 ng

RT: 14.98 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BG039974.D

Acq: 18 Mar 2019 17:58

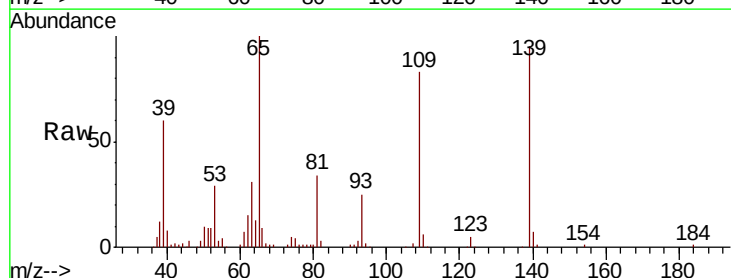
Tgt Ion:139 Resp: 141623

Ion Ratio Lower Upper

139 100

109 87.9 61.9 101.9

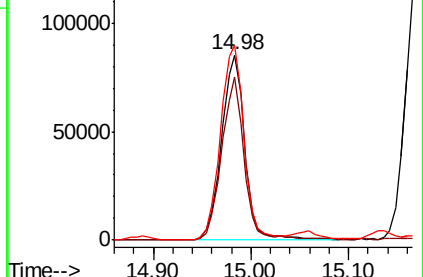
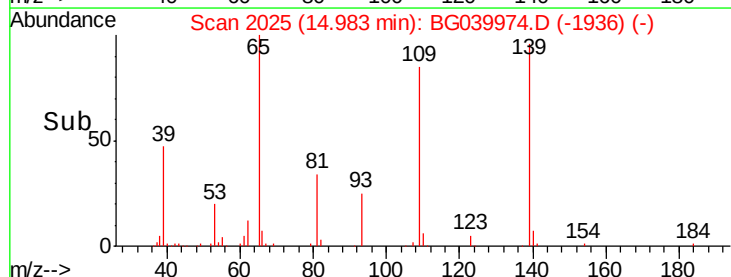
65 105.6 99.1 139.1

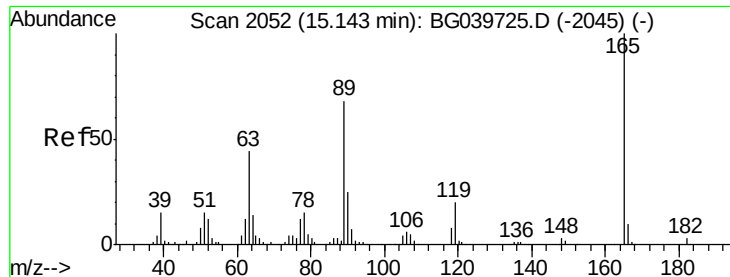


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#57

2,4-Dinitrotoluene

Concen: 42.657 ng

RT: 15.14 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BG039974.D

Acq: 18 Mar 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB117991BS

Tgt Ion:165 Resp: 119786

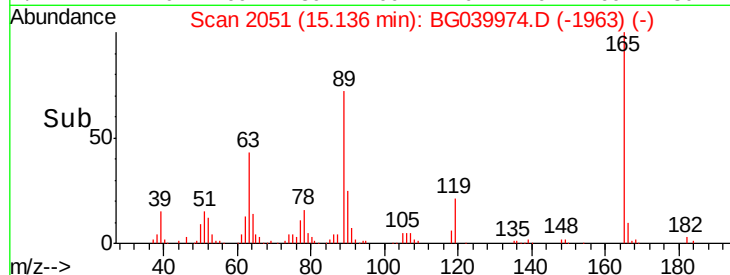
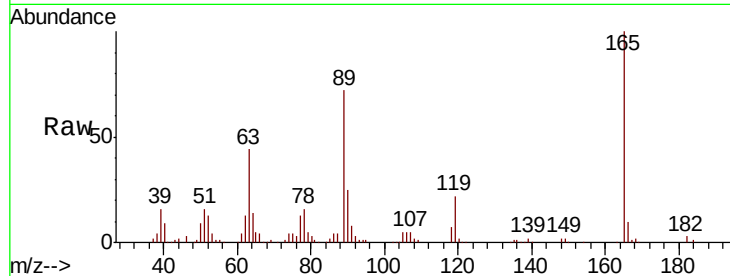
Ion Ratio Lower Upper

165 100

63 43.8 41.0 61.6

89 72.1 64.6 96.8

182 2.9 2.0 3.0

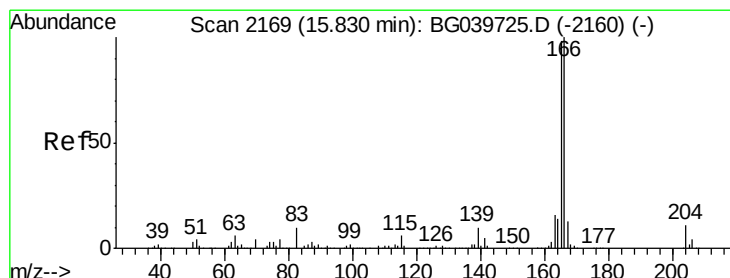
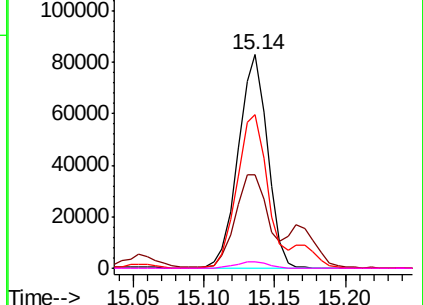


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 40.779 ng

RT: 15.82 min Scan# 2167

Delta R.T. -0.02 min

Lab File: BG039974.D

Acq: 18 Mar 2019 17:58

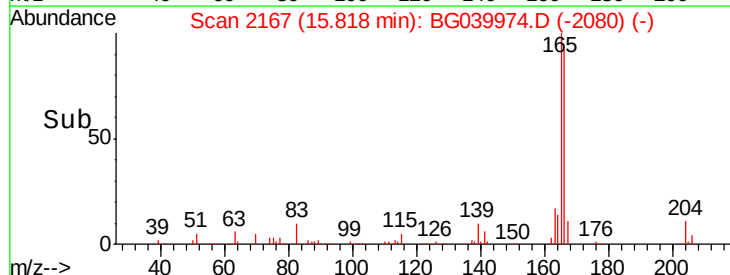
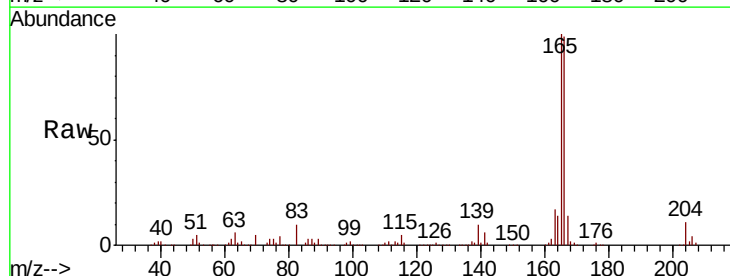
Tgt Ion:166 Resp: 362509

Ion Ratio Lower Upper

166 100

165 101.3 77.9 116.9

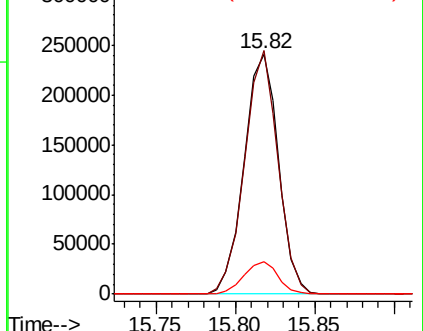
167 13.8 10.8 16.2

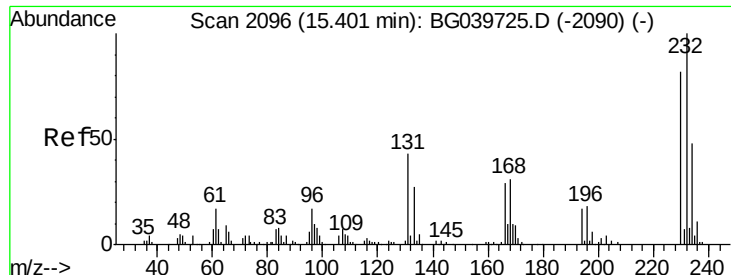


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

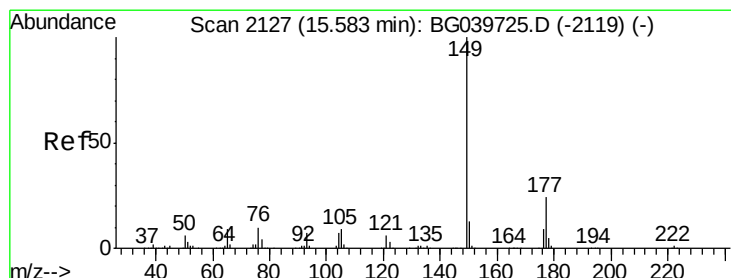
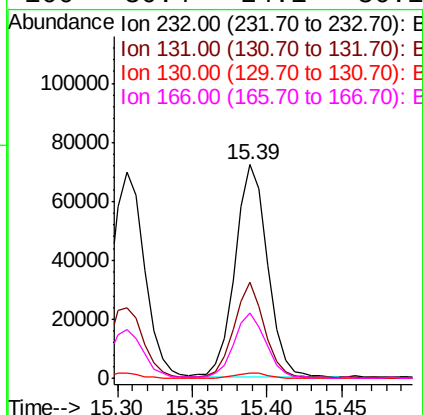
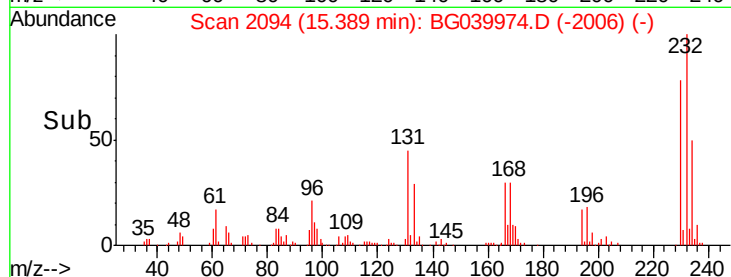
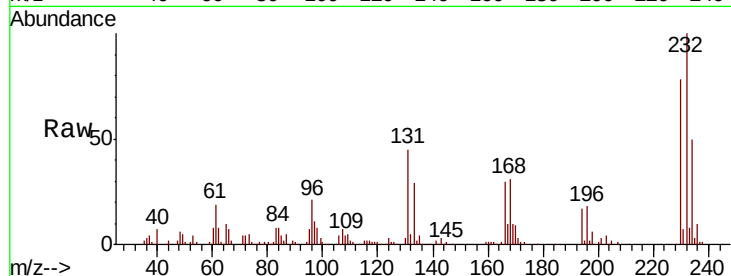




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.302 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG039974.D
 Acq: 18 Mar 2019 17:58

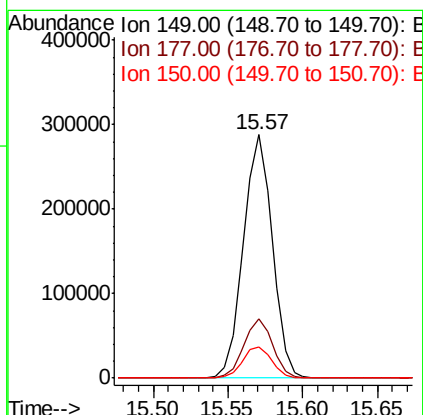
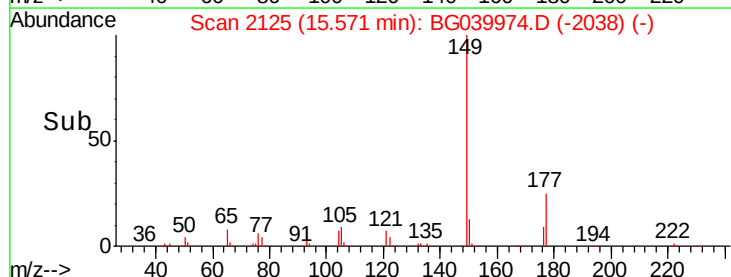
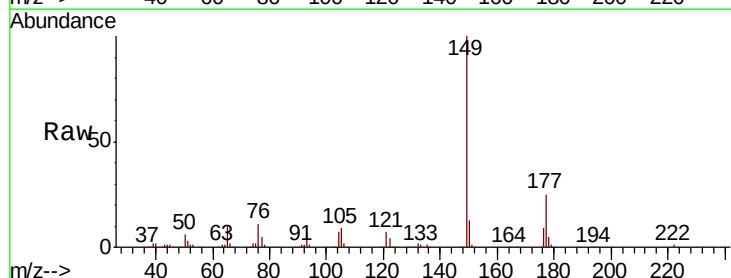
Instrument :
 BNA_G
 ClientSampleId :
 PB117991BS

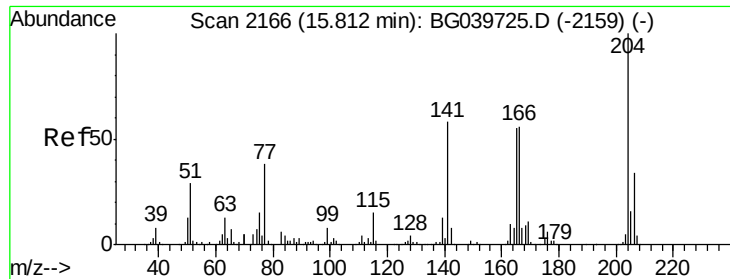
Tgt Ion:	232	Resp:	109047
Ion	Ratio	Lower	Upper
232	100		
131	43.6	34.9	52.3
130	2.6	2.0	3.0
166	30.4	24.1	36.1



#60
 Diethylphthalate
 Concen: 41.289 ng
 RT: 15.57 min Scan# 2125
 Delta R.T. -0.02 min
 Lab File: BG039974.D
 Acq: 18 Mar 2019 17:58

Tgt Ion:	149	Resp:	385316
Ion	Ratio	Lower	Upper
149	100		
177	24.5	18.3	27.5
150	13.0	10.2	15.2

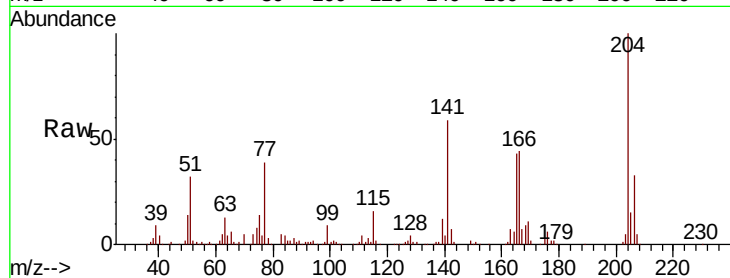




#61
4-Chlorophenyl-phenylether
Concen: 41.187 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG039974.D
Acq: 18 Mar 2019 17:58

Instrument :
BNA_G
ClientSampleId :
PB117991BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	29.2	43.8
141	58.6	49.0	73.4

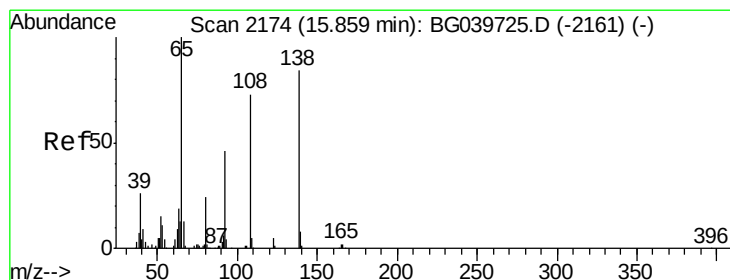
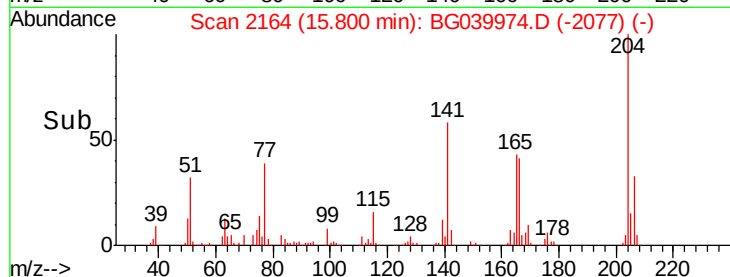
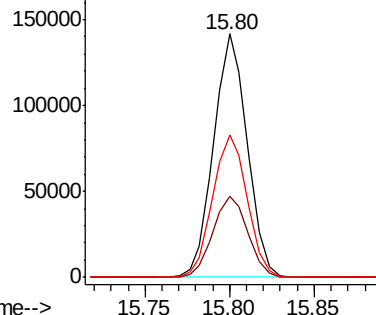


Abundance

Ion 204.00 (203.70 to 204.70): E

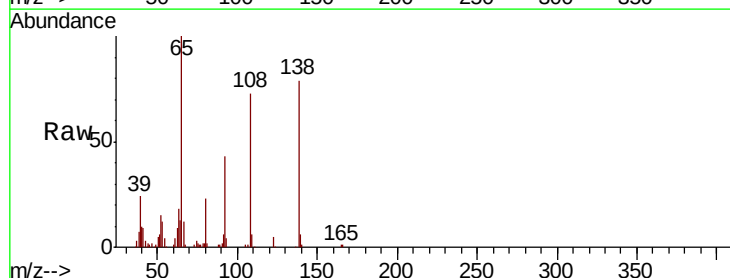
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 40.185 ng
RT: 15.85 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG039974.D
Acq: 18 Mar 2019 17:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.4	38.7	78.7
108	92.4	74.6	114.6

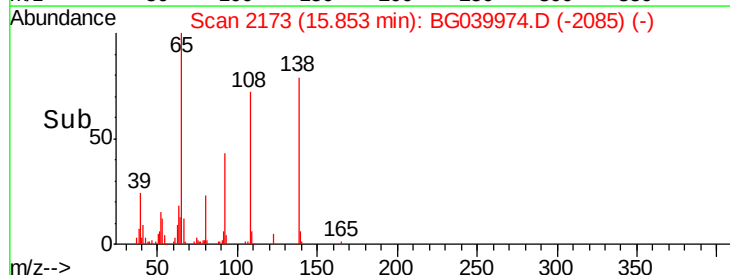
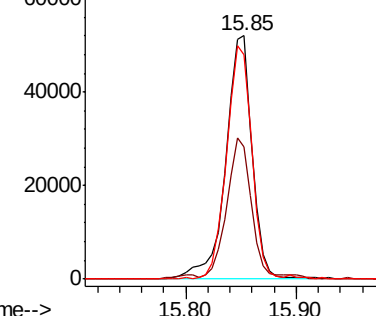


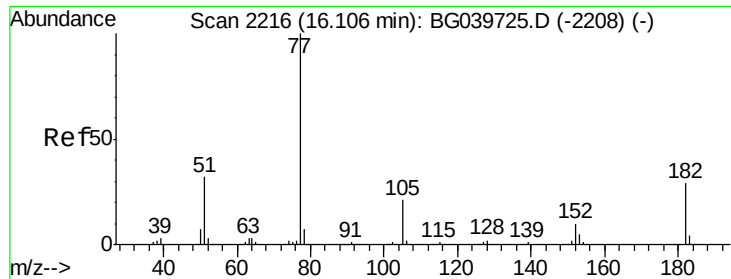
Abundance

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

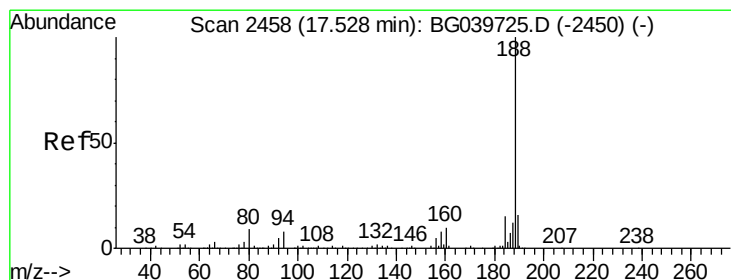
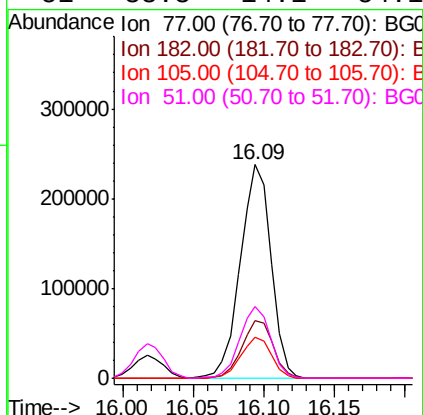
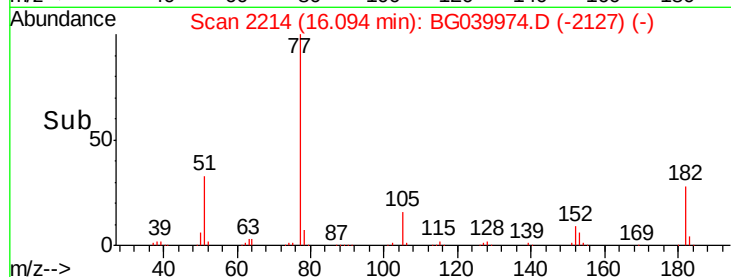
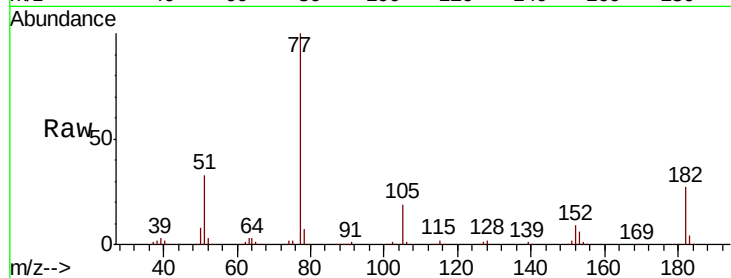




#63
Azobenzene
Concen: 42.580 ng
RT: 16.09 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG039974.D
Acq: 18 Mar 2019 17:58

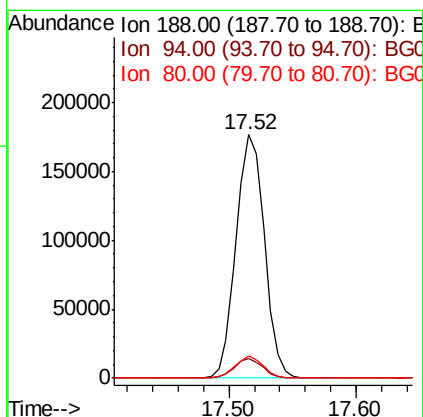
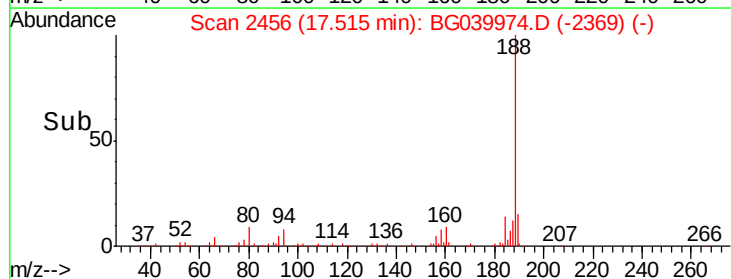
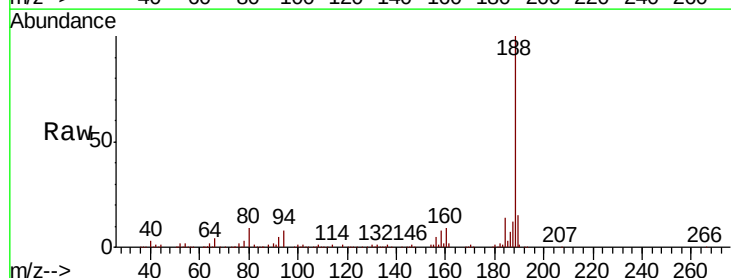
Instrument :
BNA_G
ClientSampleId :
PB117991BS

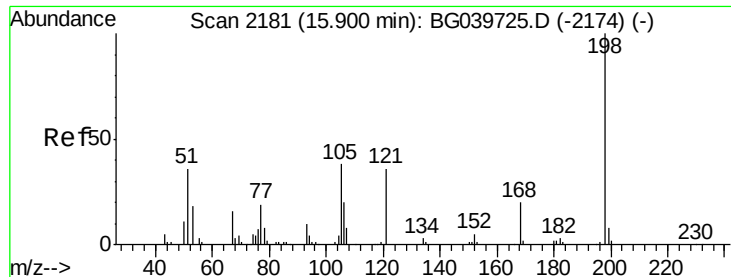
Tgt Ion: 77 Resp: 360201
Ion Ratio Lower Upper
77 100
182 27.1 6.4 46.4
105 19.2 0.0 39.8
51 33.3 14.1 54.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039974.D
Acq: 18 Mar 2019 17:58

Tgt Ion: 188 Resp: 273718
Ion Ratio Lower Upper
188 100
94 7.8 6.9 10.3
80 9.3 8.1 12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 38.241 ng

RT: 15.89 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG039974.D

Acq: 18 Mar 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB117991BS

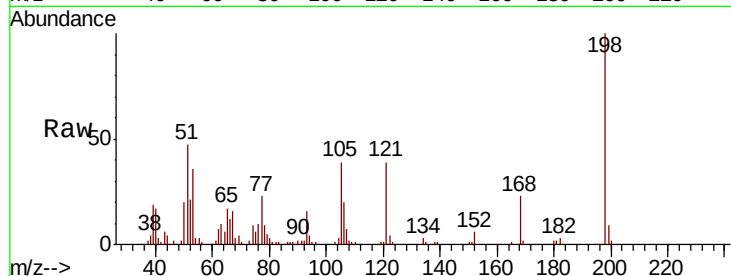
Tgt Ion:198 Resp: 61890

Ion Ratio Lower Upper

198 100

51 46.6 27.4 67.4

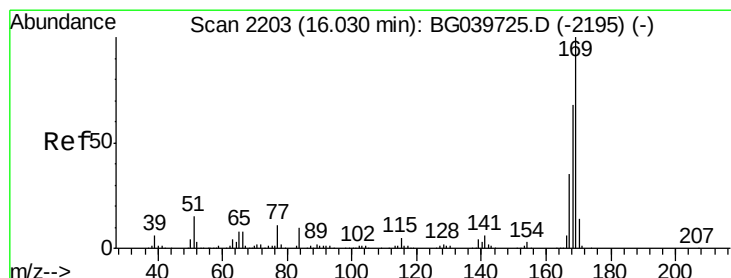
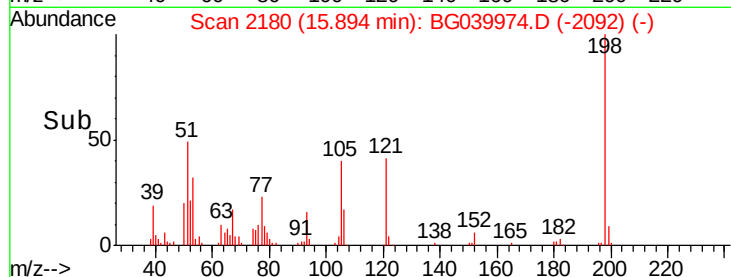
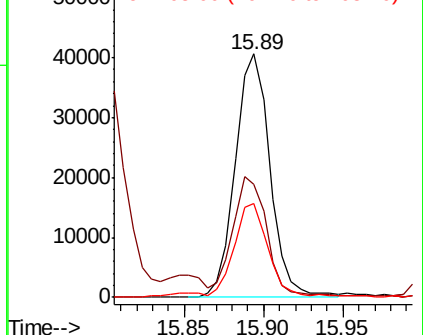
105 38.7 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039974.D (-2174) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.176 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.02 min

Lab File: BG039974.D

Acq: 18 Mar 2019 17:58

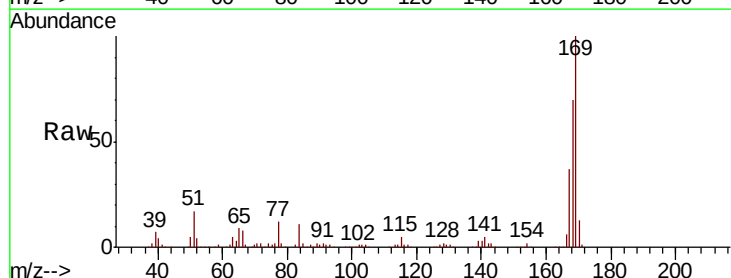
Tgt Ion:169 Resp: 334214

Ion Ratio Lower Upper

169 100

168 70.4 56.6 85.0

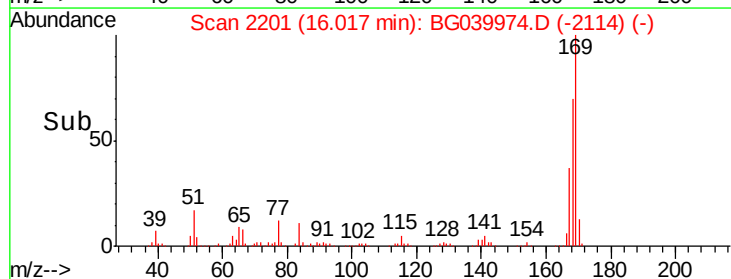
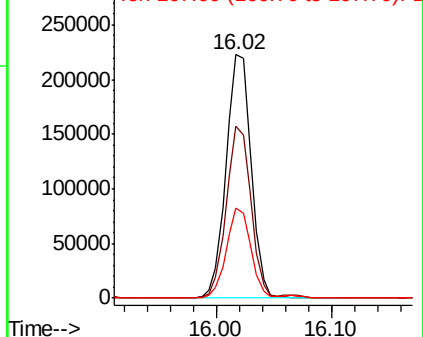
167 36.9 28.8 43.2

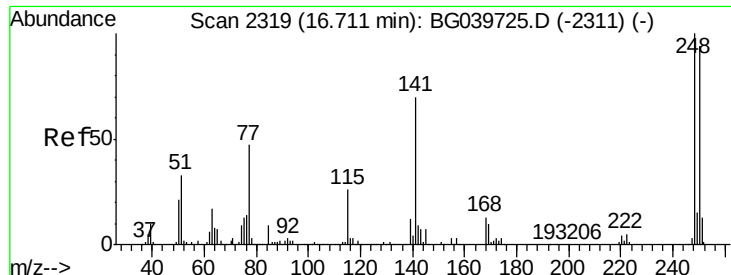


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

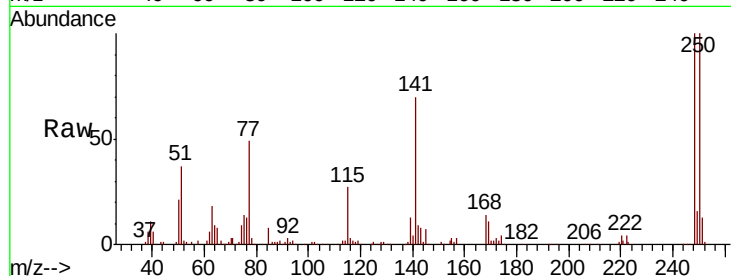




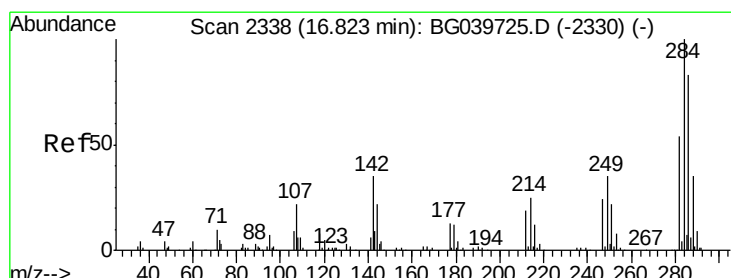
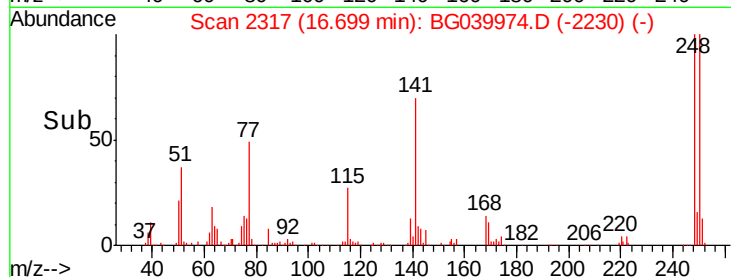
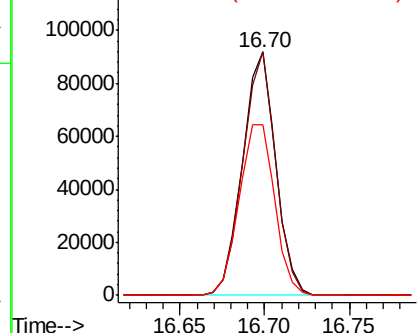
#67
 4-Bromophenyl-phenylether
 Concen: 41.165 ng
 RT: 16.70 min Scan# 2317
 Delta R.T. -0.02 min
 Lab File: BG039974.D
 Acq: 18 Mar 2019 17:58

Instrument :
 BNA_G
 ClientSampleId :
 PB117991BS

Tgt Ion:248 Resp: 126121
 Ion Ratio Lower Upper
 248 100
 250 99.9 77.6 116.4
 141 70.3 63.9 95.9

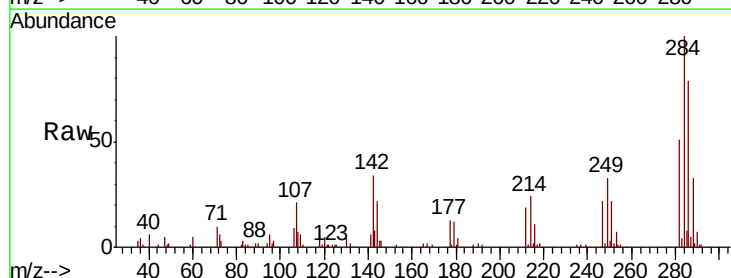


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

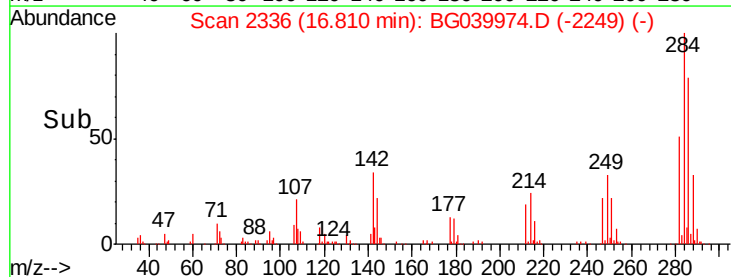
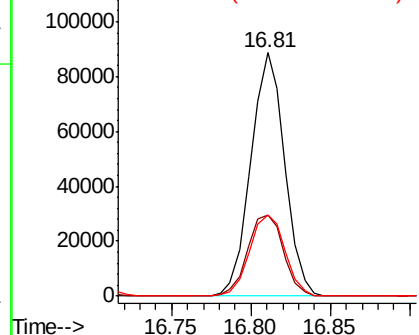


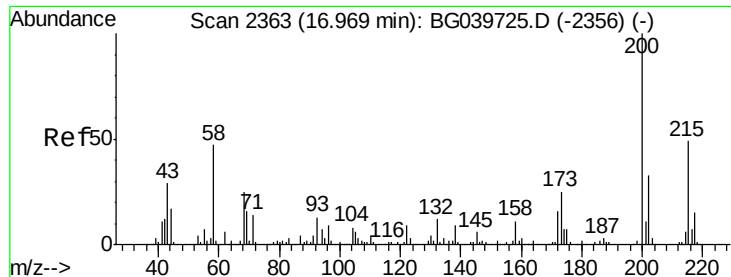
#68
 Hexachlorobenzene
 Concen: 41.313 ng
 RT: 16.81 min Scan# 2336
 Delta R.T. -0.02 min
 Lab File: BG039974.D
 Acq: 18 Mar 2019 17:58

Tgt Ion:284 Resp: 131203
 Ion Ratio Lower Upper
 284 100
 142 33.6 30.6 45.8
 249 33.5 28.2 42.2



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

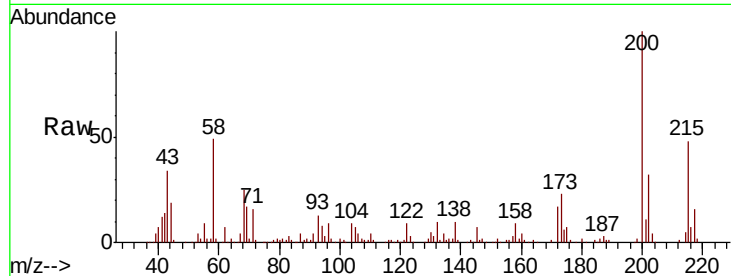




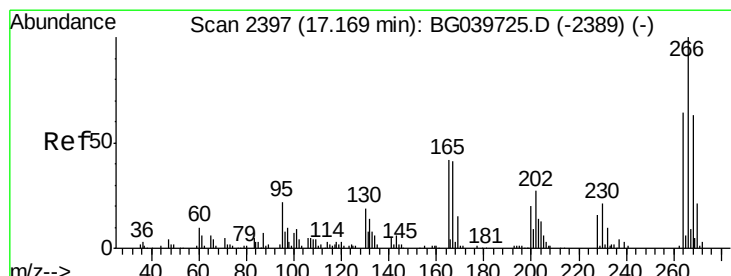
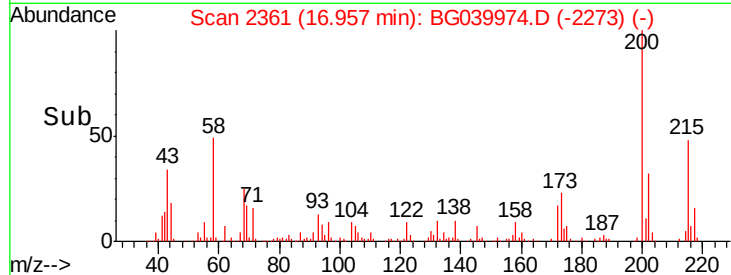
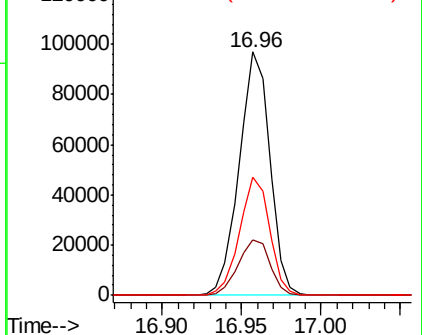
#69
 Atrazine
 Concen: 41.721 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BG039974.D
 Acq: 18 Mar 2019 17:58

Instrument :
 BNA_G
 ClientSampleId :
 PB117991BS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.9	3.9	43.9
215	48.4	30.9	70.9

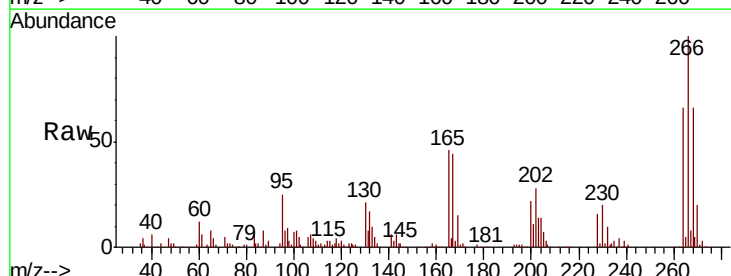


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

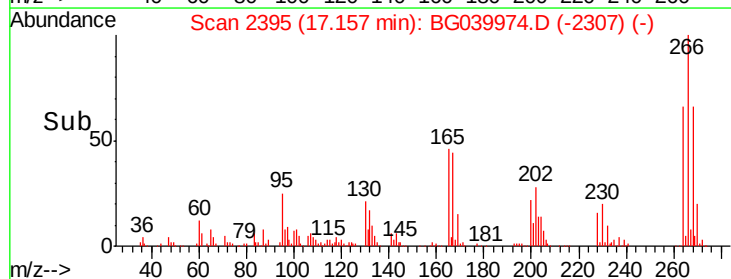
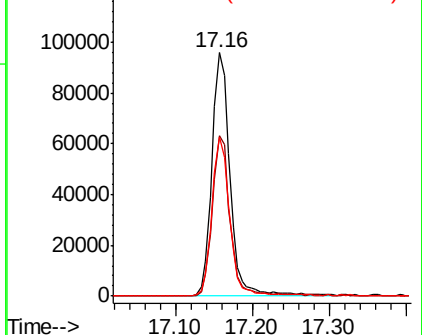


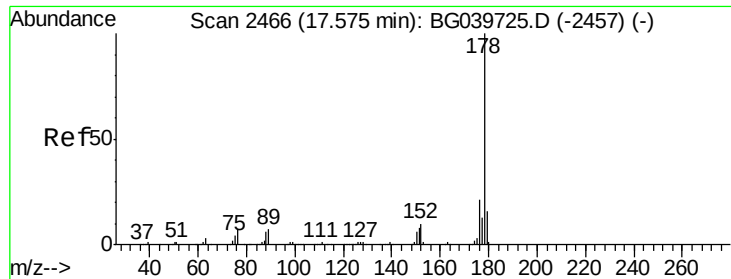
#70
 Pentachlorophenol
 Concen: 77.647 ng
 RT: 17.16 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BG039974.D
 Acq: 18 Mar 2019 17:58

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.0	51.1	76.7
264	65.5	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

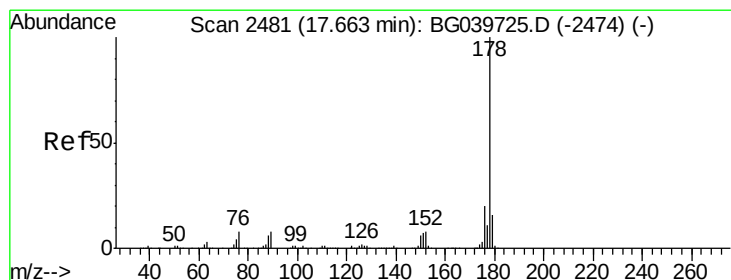
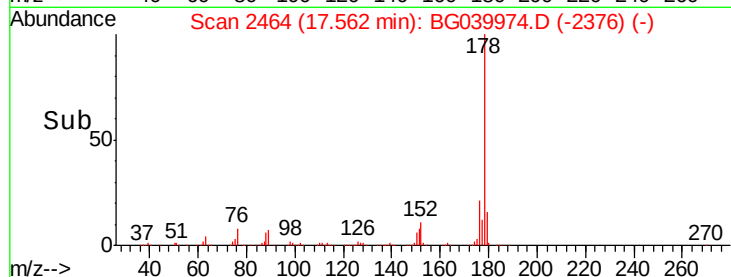
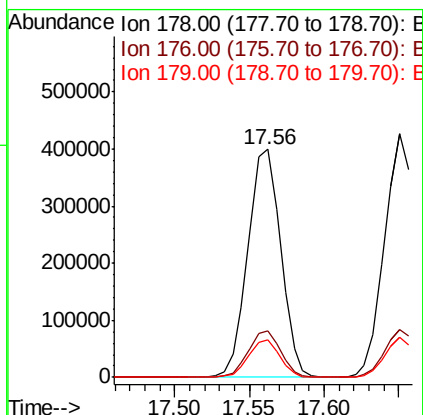
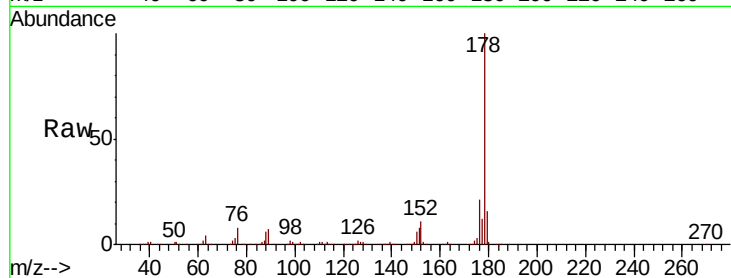




#71
Phenanthrene
Concen: 40.326 ng
RT: 17.56 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG039974.D
Acq: 18 Mar 2019 17:58

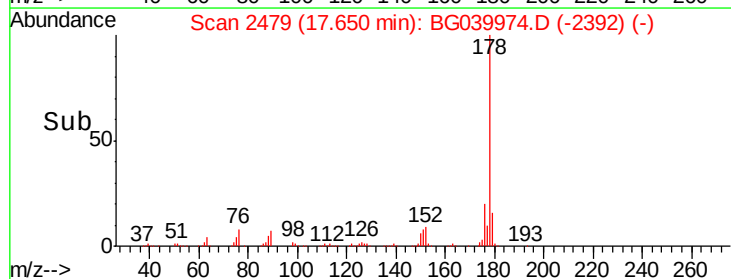
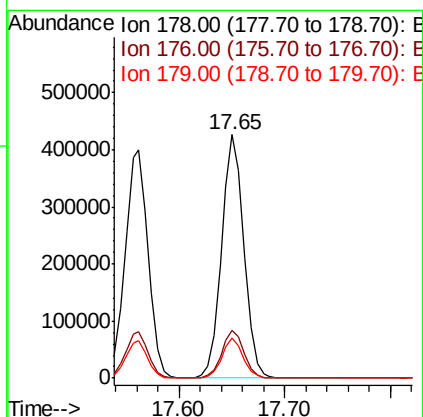
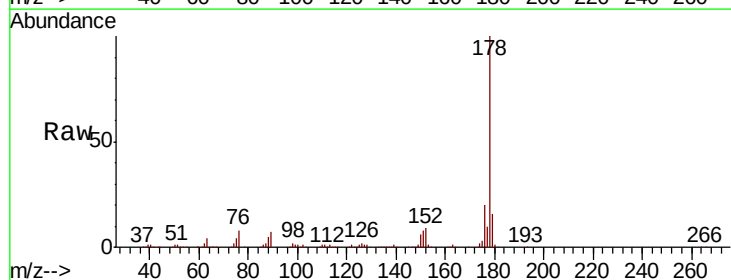
Instrument :
BNA_G
ClientSampleId :
PB117991BS

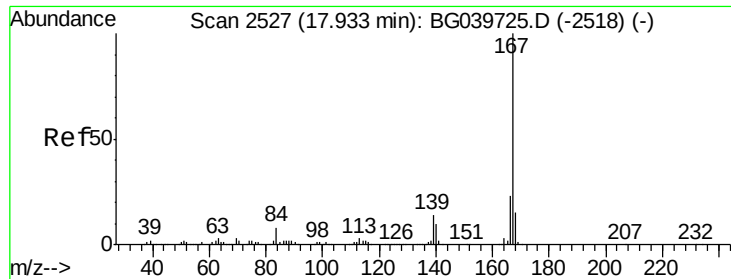
Tgt Ion:178 Resp: 607978
Ion Ratio Lower Upper
178 100
176 20.5 16.2 24.4
179 16.5 12.6 19.0



#72
Anthracene
Concen: 42.248 ng
RT: 17.65 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG039974.D
Acq: 18 Mar 2019 17:58

Tgt Ion:178 Resp: 620713
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 16.4 12.5 18.7

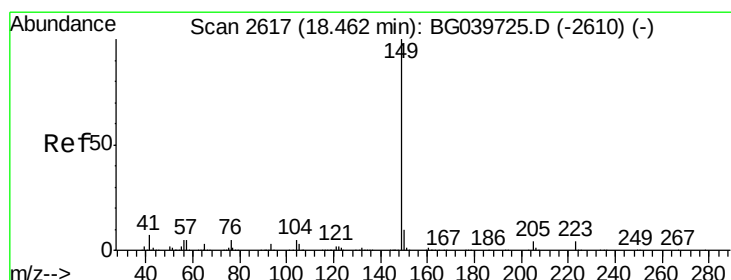
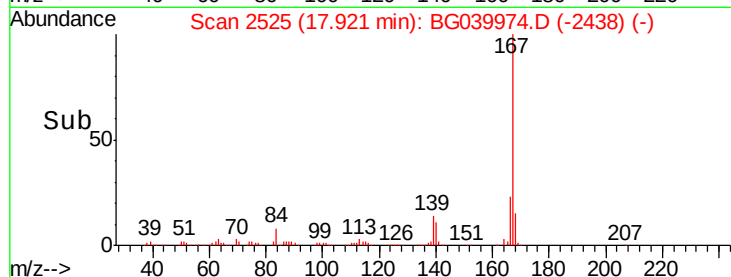
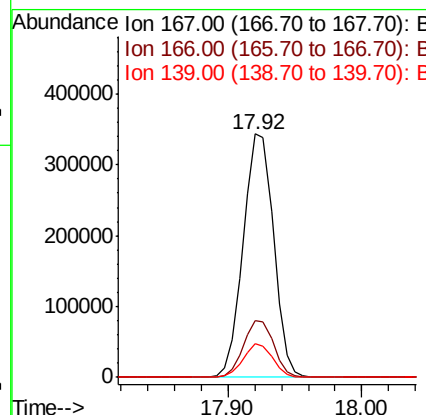
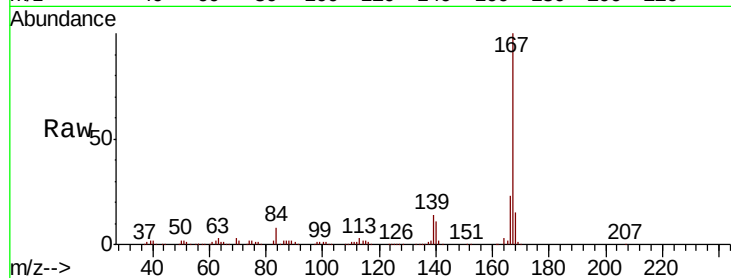




#73
 Carbazole
 Concen: 40.797 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BG039974.D
 Acq: 18 Mar 2019 17:58

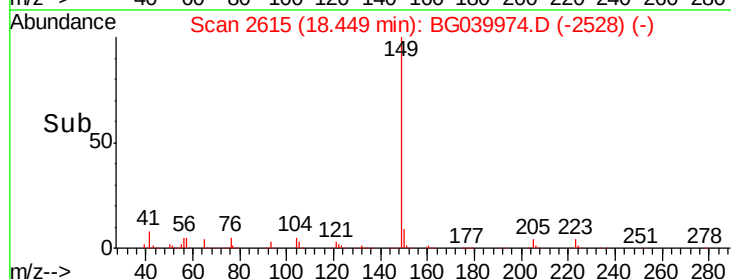
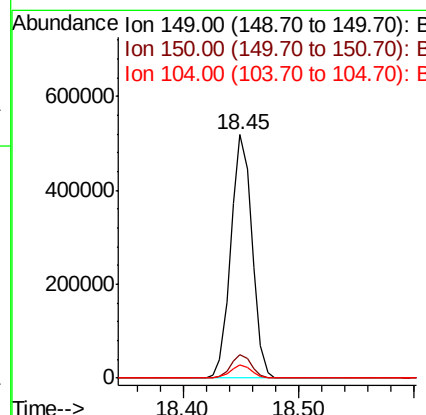
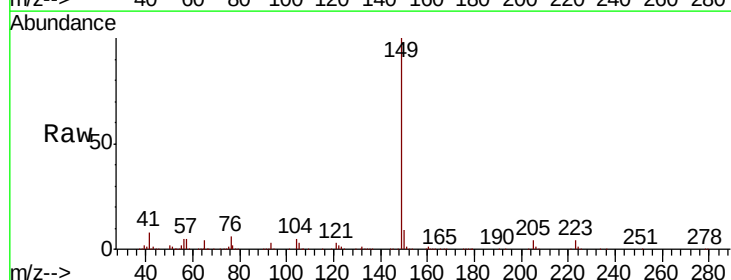
Instrument :
 BNA_G
 ClientSampleId :
 PB117991BS

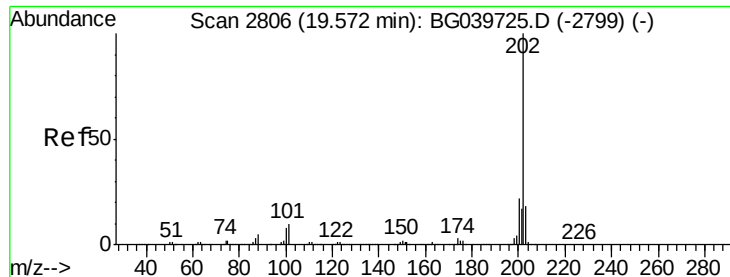
Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.2	19.4	29.2
139	14.0	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 42.254 ng
 RT: 18.45 min Scan# 2615
 Delta R.T. -0.02 min
 Lab File: BG039974.D
 Acq: 18 Mar 2019 17:58

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	5.4	4.5	6.7





#75

Fluoranthene

Concen: 40.946 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG039974.D

Acq: 18 Mar 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB117991BS

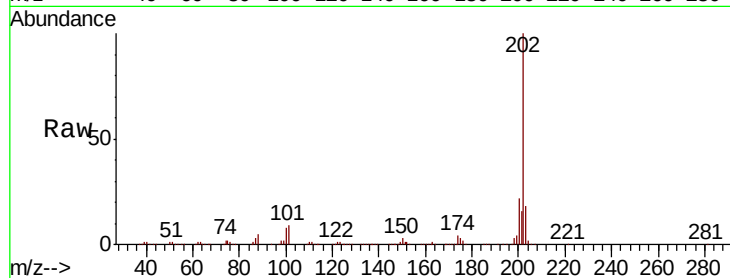
Tgt Ion:202 Resp: 729583

Ion Ratio Lower Upper

202 100

101 9.2 0.0 30.0

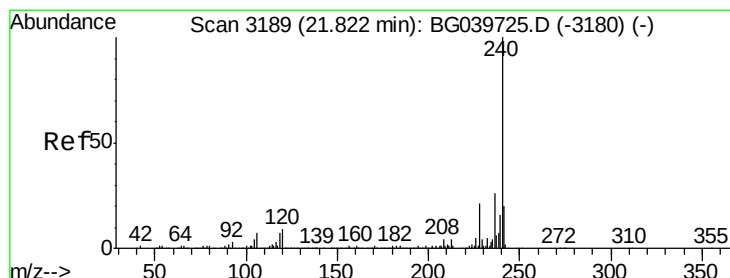
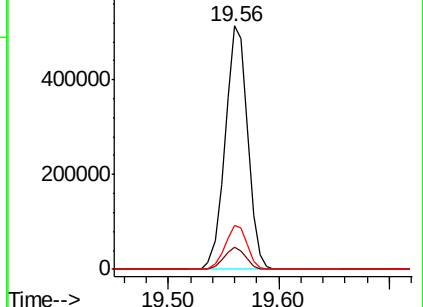
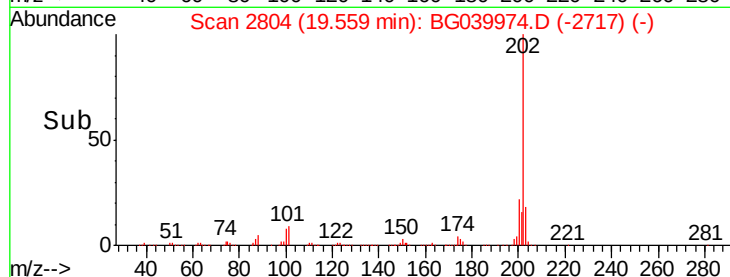
203 17.9 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG039974.D

Acq: 18 Mar 2019 17:58

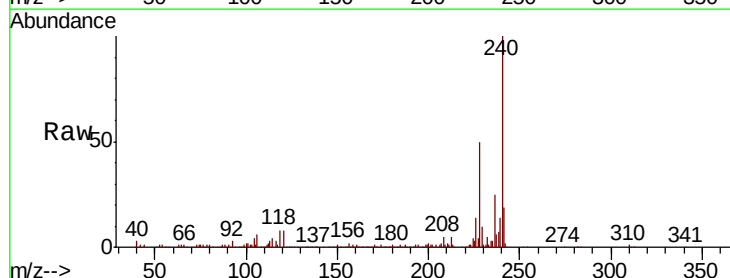
Tgt Ion:240 Resp: 274392

Ion Ratio Lower Upper

240 100

120 8.0 7.0 10.6

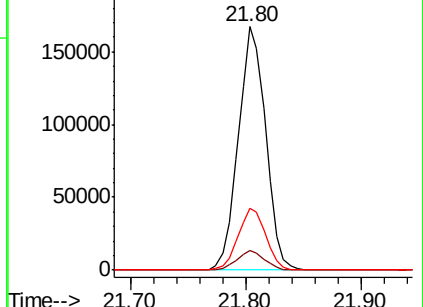
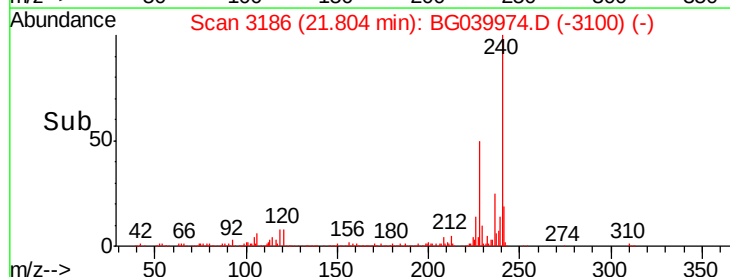
236 25.4 21.0 31.4

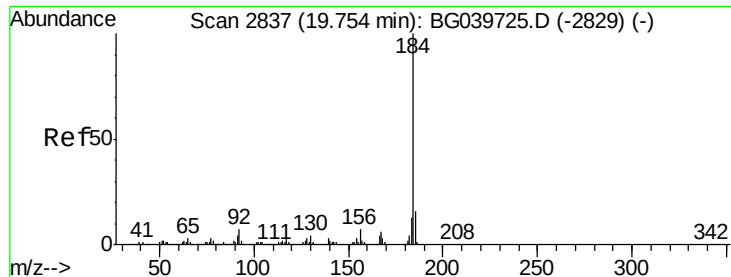


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 29.756 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG039974.D

Acq: 18 Mar 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB117991BS

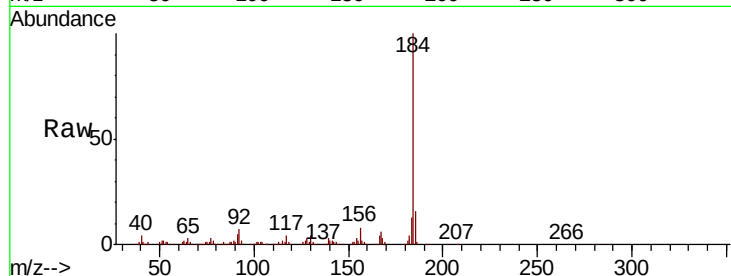
Tgt Ion:184 Resp: 259093

Ion Ratio Lower Upper

184 100

185 15.9 12.2 18.2

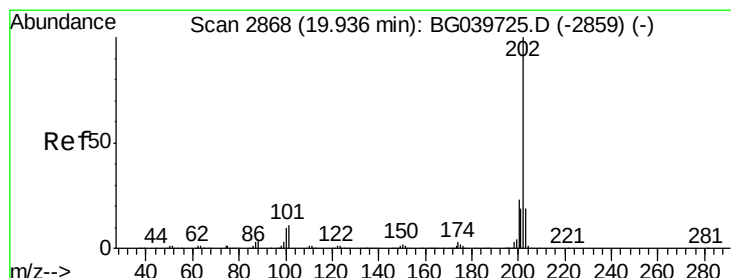
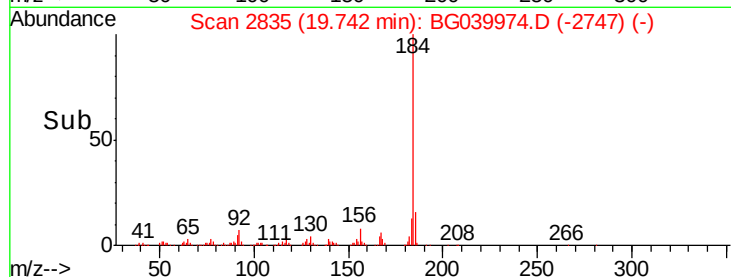
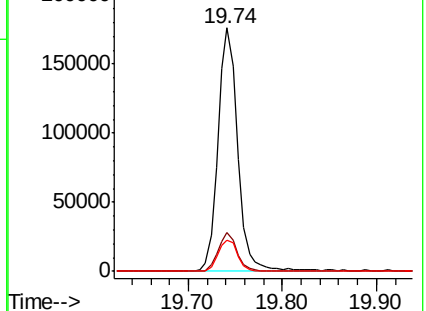
183 12.9 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.705 ng

RT: 19.92 min Scan# 2866

Delta R.T. -0.02 min

Lab File: BG039974.D

Acq: 18 Mar 2019 17:58

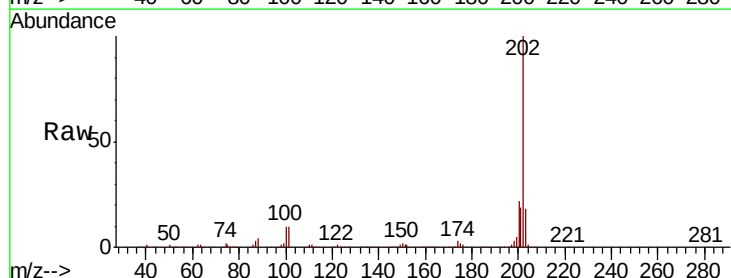
Tgt Ion:202 Resp: 725778

Ion Ratio Lower Upper

202 100

200 22.5 17.8 26.8

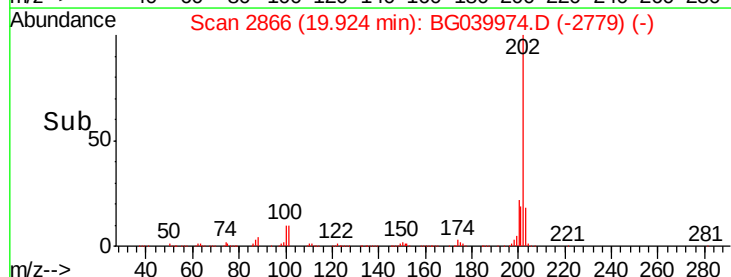
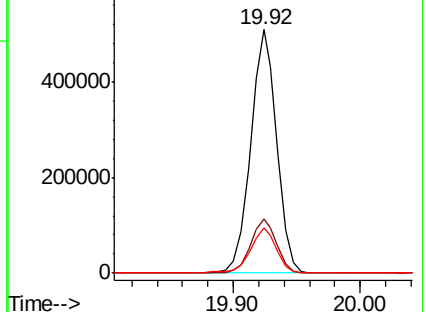
203 18.4 15.3 22.9

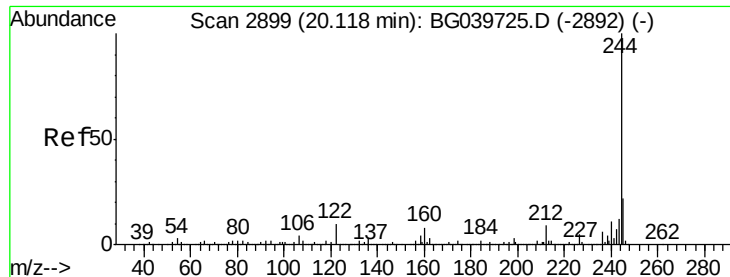


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.996 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG039974.D

Acq: 18 Mar 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB117991BS

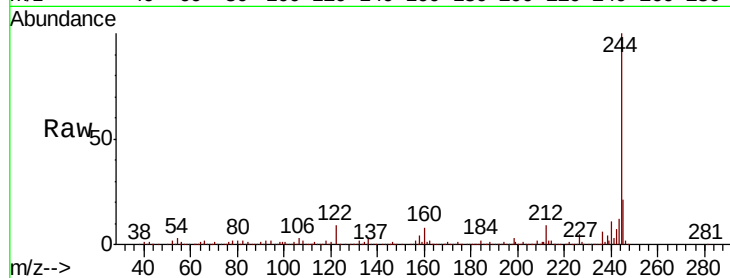
Tgt Ion:244 Resp: 984465

Ion Ratio Lower Upper

244 100

212 9.4 7.3 10.9

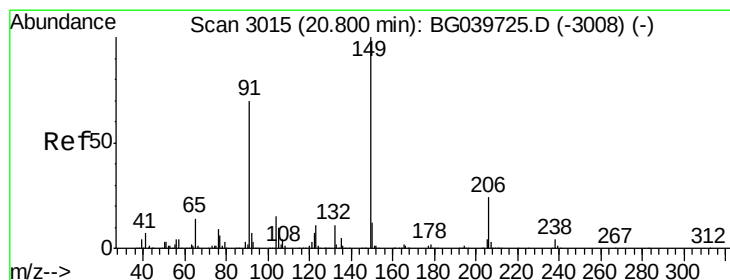
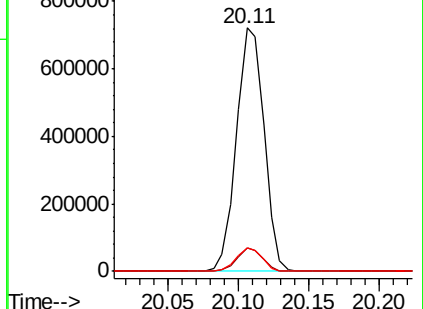
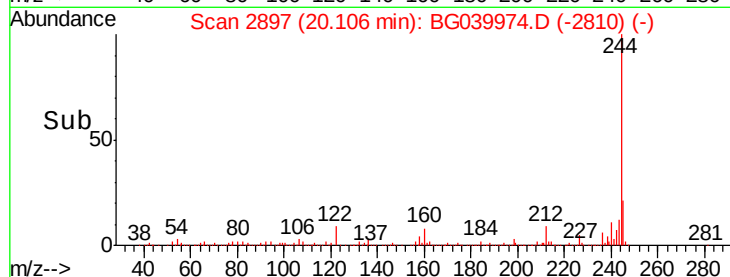
122 9.5 8.4 12.6



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: 43.630 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG039974.D

Acq: 18 Mar 2019 17:58

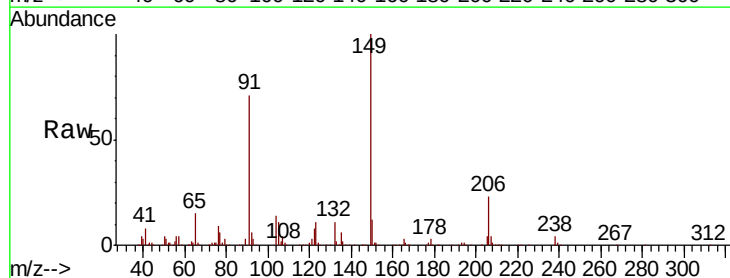
Tgt Ion:149 Resp: 301392

Ion Ratio Lower Upper

149 100

91 71.4 59.5 89.3

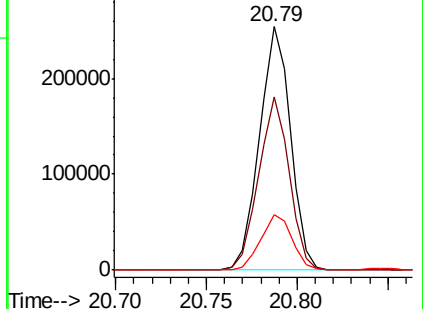
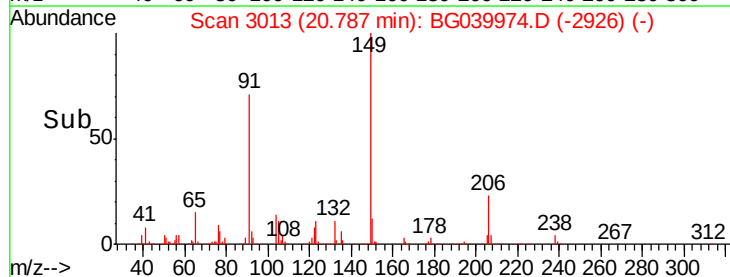
206 22.9 18.6 27.8

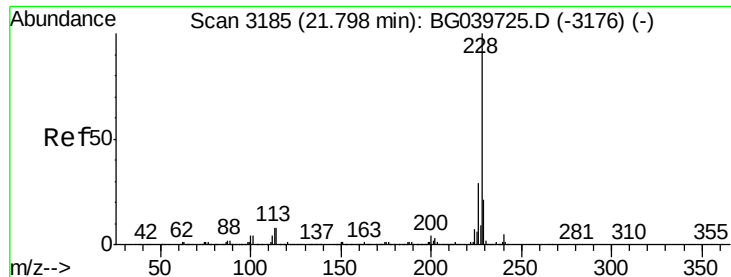


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

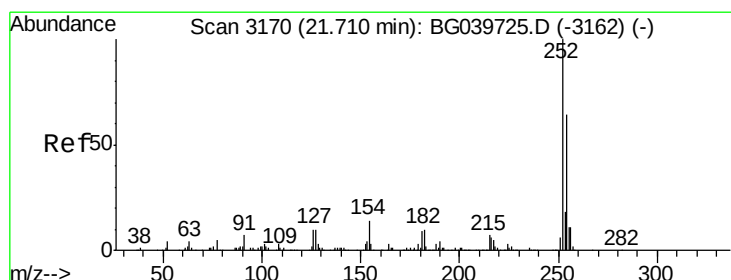
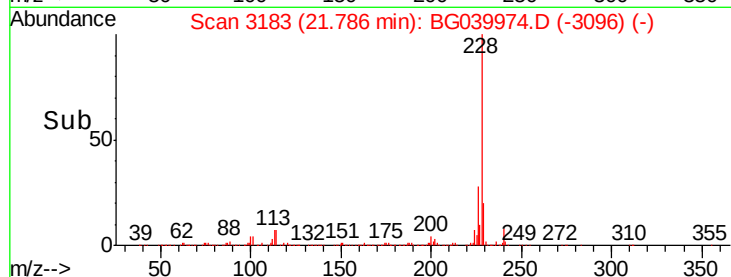
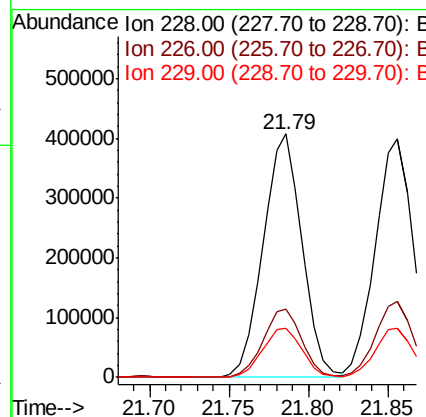
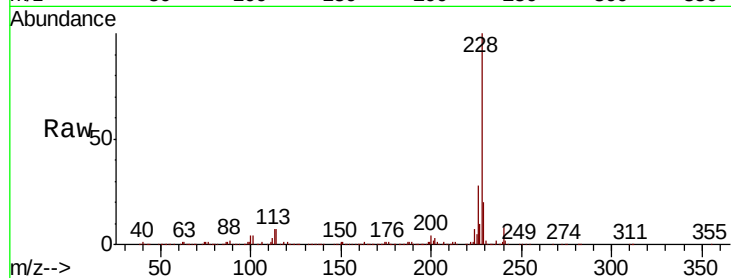




#81
Benzo(a)anthracene
Concen: 40.315 ng
RT: 21.79 min Scan# 3183
Delta R.T. -0.02 min
Lab File: BG039974.D
Acq: 18 Mar 2019 17:58

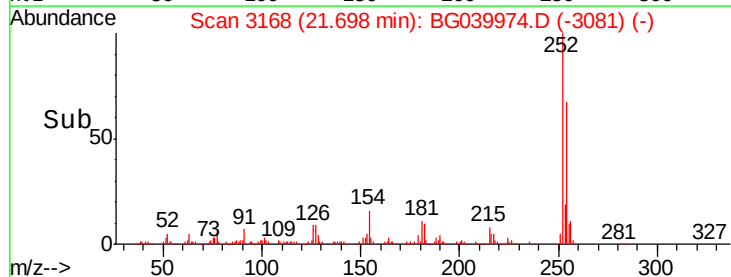
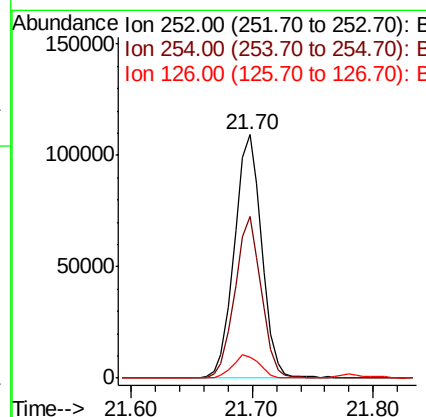
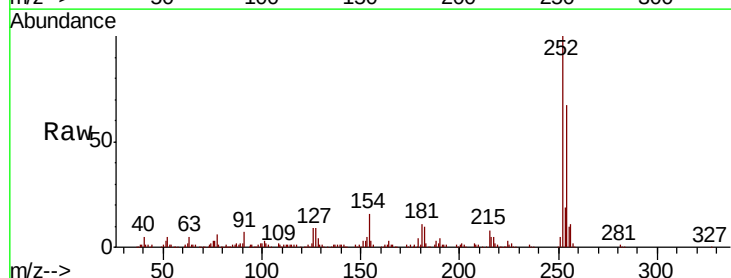
Instrument :
BNA_G
ClientSampleId :
PB117991BS

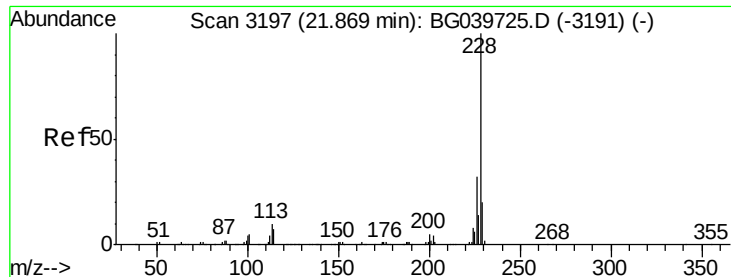
Tgt Ion: 228 Resp: 693302
Ion Ratio Lower Upper
228 100
226 27.9 23.0 34.6
229 20.1 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 27.450 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.02 min
Lab File: BG039974.D
Acq: 18 Mar 2019 17:58

Tgt Ion: 252 Resp: 172348
Ion Ratio Lower Upper
252 100
254 66.7 51.3 76.9
126 8.8 8.0 12.0





#83

Chrysene

Concen: 39.635 ng

RT: 21.86 min Scan# 3195

Delta R.T. -0.02 min

Lab File: BG039974.D

Acq: 18 Mar 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB117991BS

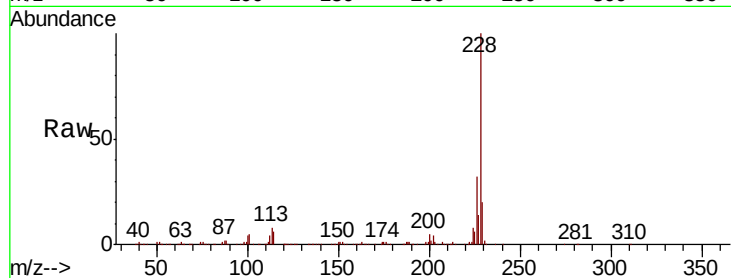
Tgt Ion:228 Resp: 660787

Ion Ratio Lower Upper

228 100

226 31.8 25.8 38.6

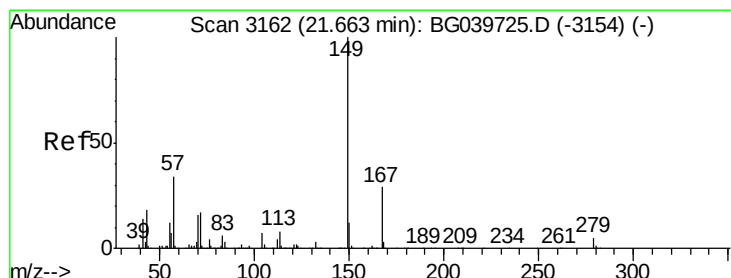
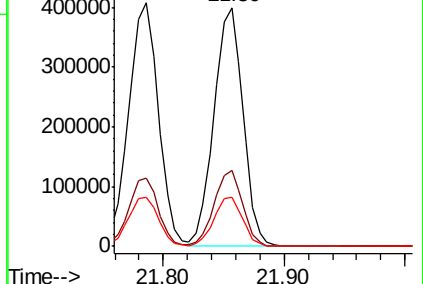
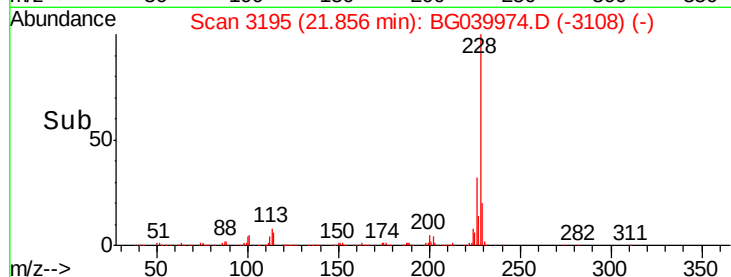
229 20.3 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.357 ng

RT: 21.64 min Scan# 3159

Delta R.T. -0.02 min

Lab File: BG039974.D

Acq: 18 Mar 2019 17:58

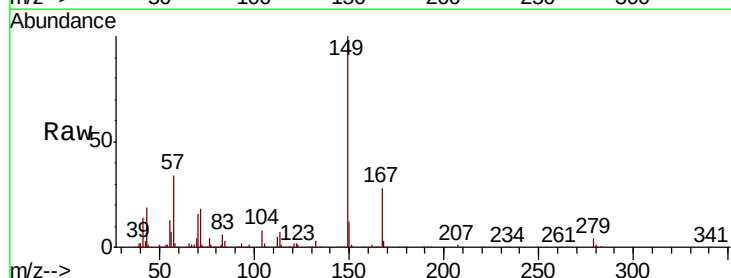
Tgt Ion:149 Resp: 420880

Ion Ratio Lower Upper

149 100

167 28.3 22.6 34.0

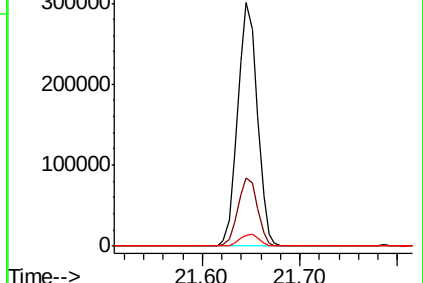
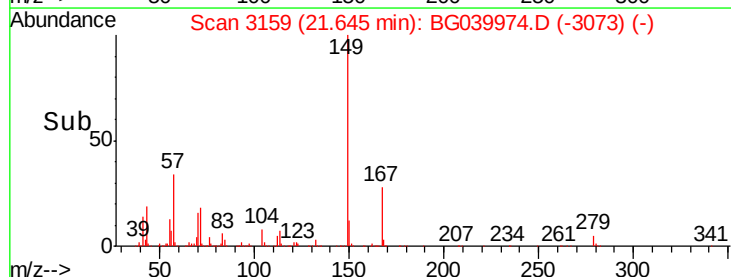
279 4.5 3.5 5.3

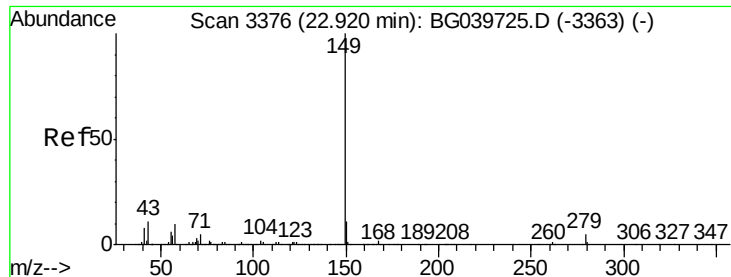


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

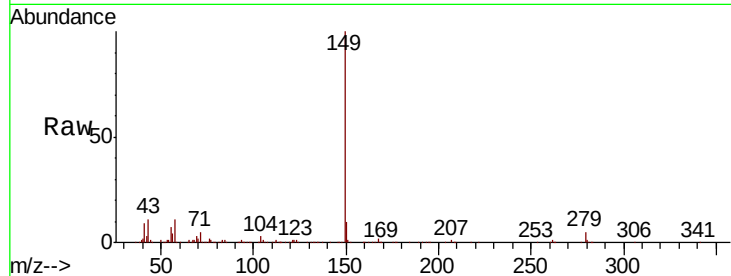




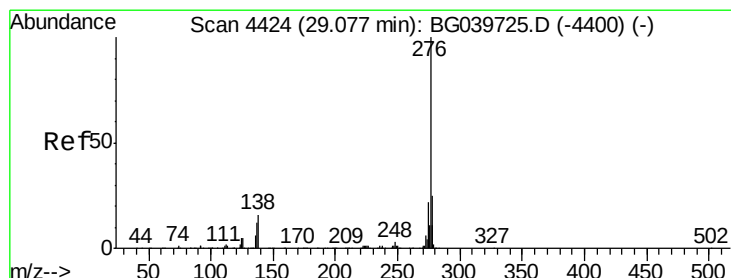
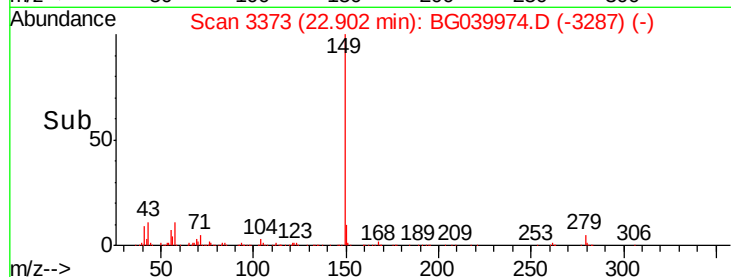
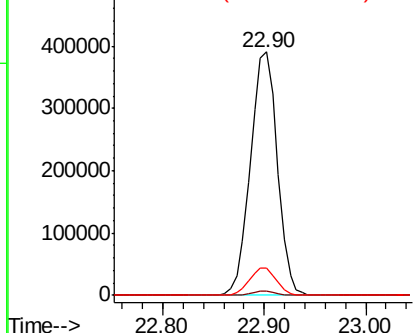
#85
Di-n-octyl phthalate
Concen: 44.718 ng
RT: 22.90 min Scan# 3373
Delta R.T. -0.02 min
Lab File: BG039974.D
Acq: 18 Mar 2019 17:58

Instrument :
BNA_G
ClientSampleId :
PB117991BS

Tgt Ion:149 Resp: 718752
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.3 10.2 15.4

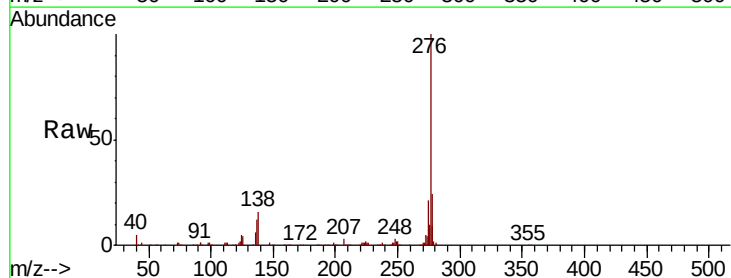


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

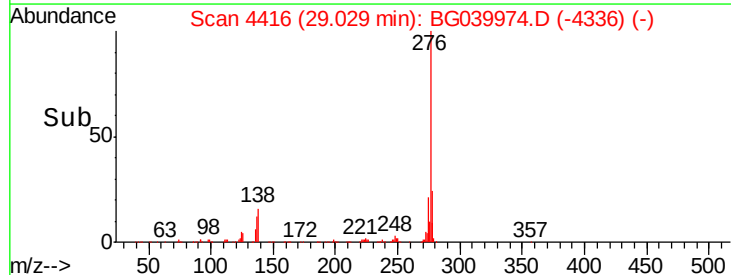
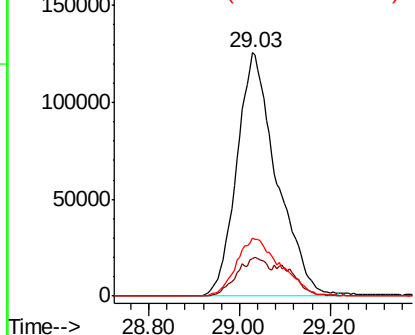


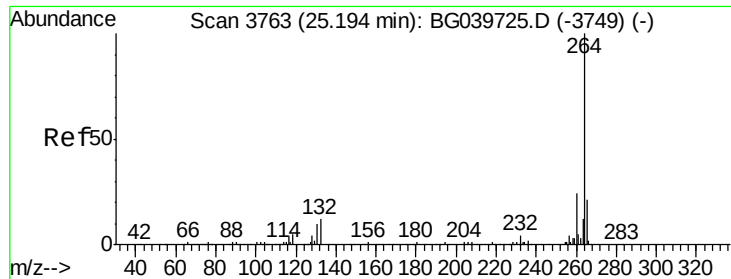
#86
Indeno(1,2,3-cd)pyrene
Concen: 40.532 ng
RT: 29.03 min Scan# 4416
Delta R.T. -0.06 min
Lab File: BG039974.D
Acq: 18 Mar 2019 17:58

Tgt Ion:276 Resp: 766604
Ion Ratio Lower Upper
276 100
138 12.5 12.6 19.0#
277 26.0 20.8 31.2



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



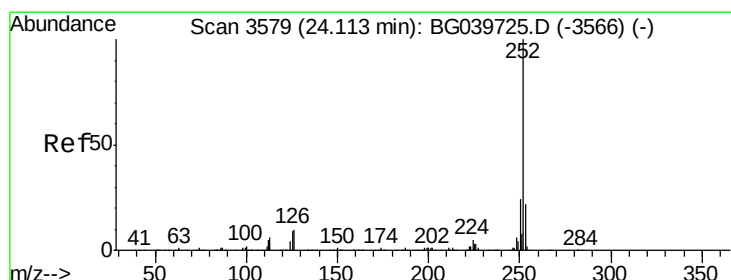
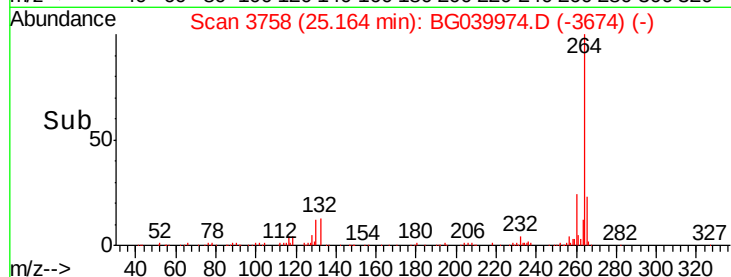
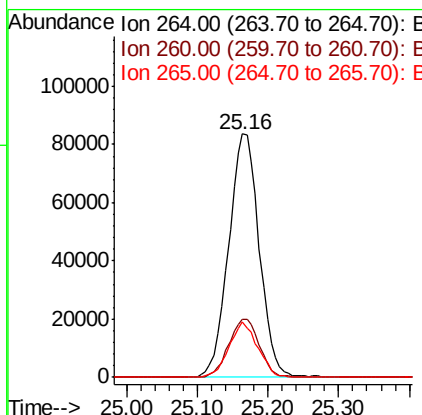
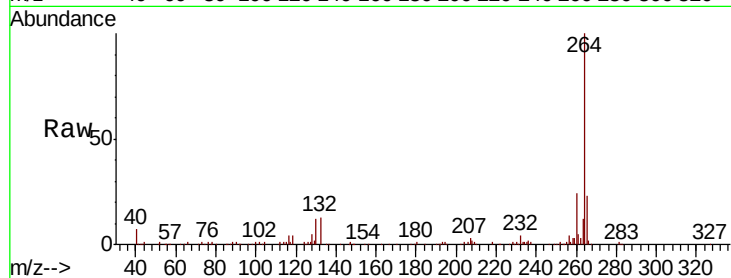


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3758
Delta R.T. -0.04 min
Lab File: BG039974.D
Acq: 18 Mar 2019 17:58

Instrument :
BNA_G
ClientSampleId :
PB117991BS

Tgt Ion: 264 Resp: 251368

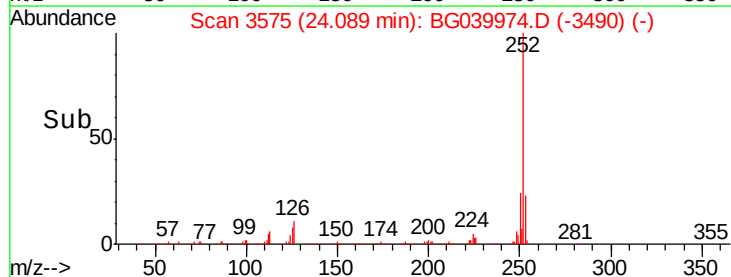
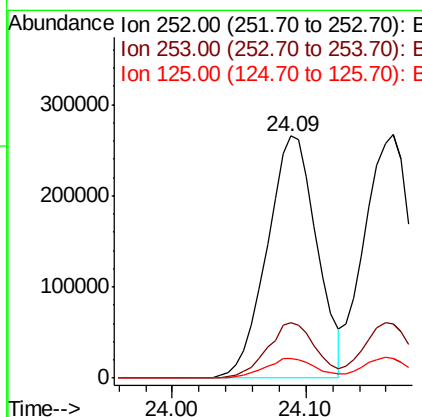
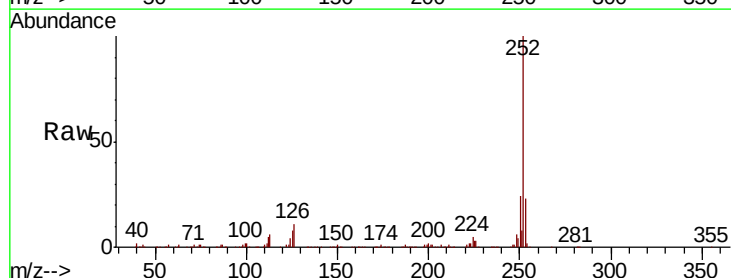
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.4
265	22.9	18.5	27.7

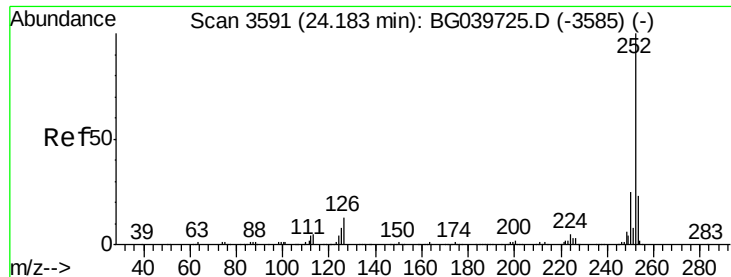


#88
Benzo(b)fluoranthene
Concen: 45.750 ng
RT: 24.09 min Scan# 3575
Delta R.T. -0.03 min
Lab File: BG039974.D
Acq: 18 Mar 2019 17:58

Tgt Ion: 252 Resp: 685780

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	8.0	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 47.429 ng

RT: 24.17 min Scan# 3588

Delta R.T. -0.02 min

Lab File: BG039974.D

Acq: 18 Mar 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB117991BS

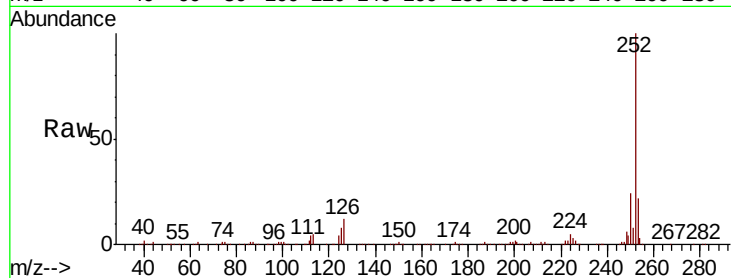
Tgt Ion:252 Resp: 661779

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

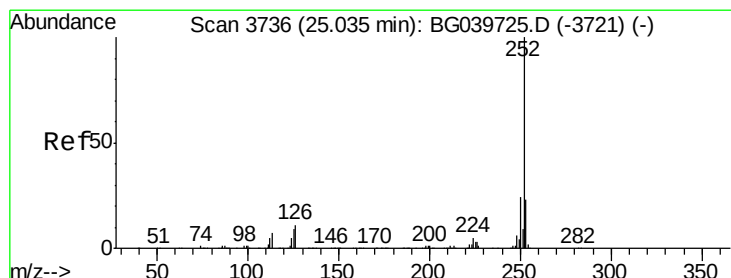
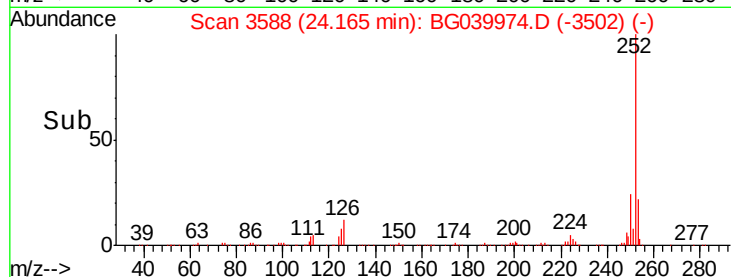
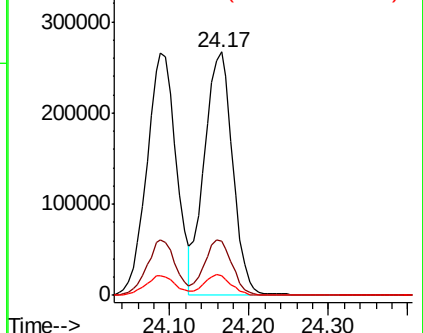
125 8.2 7.4 11.2



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: 48.449 ng

RT: 25.01 min Scan# 3732

Delta R.T. -0.03 min

Lab File: BG039974.D

Acq: 18 Mar 2019 17:58

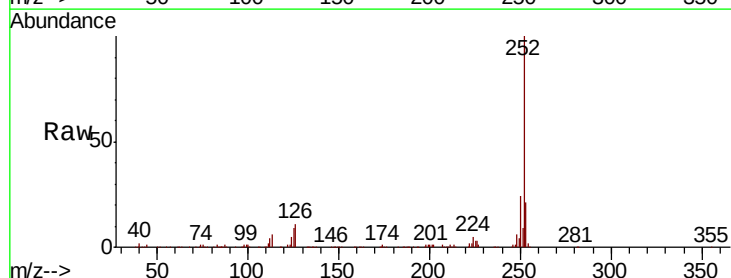
Tgt Ion:252 Resp: 671079

Ion Ratio Lower Upper

252 100

253 20.9 17.9 26.9

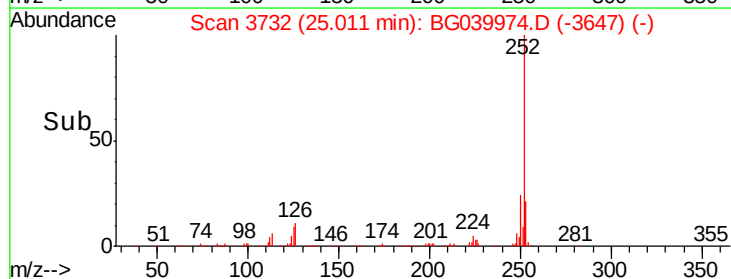
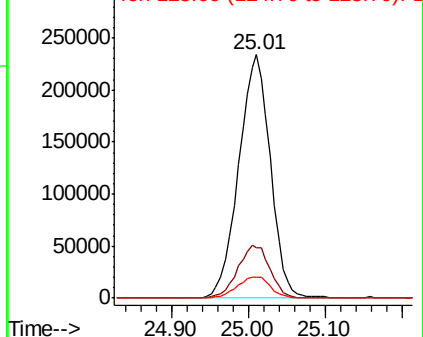
125 8.8 8.3 12.5

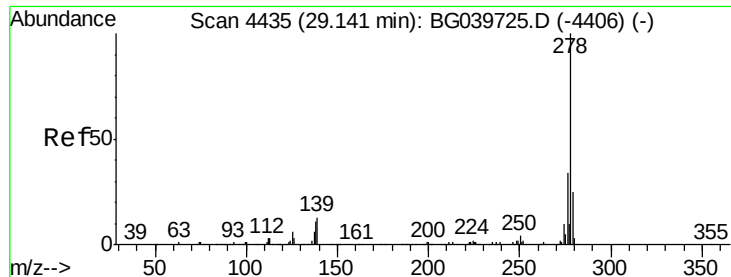


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 46.240 ng

RT: 29.10 min Scan# 4428

Delta R.T. -0.05 min

Lab File: BG039974.D

Acq: 18 Mar 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB117991BS

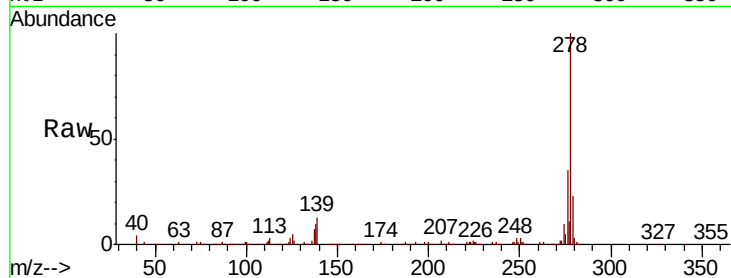
Tgt Ion:278 Resp: 627893

Ion Ratio Lower Upper

278 100

139 12.9 11.7 17.5

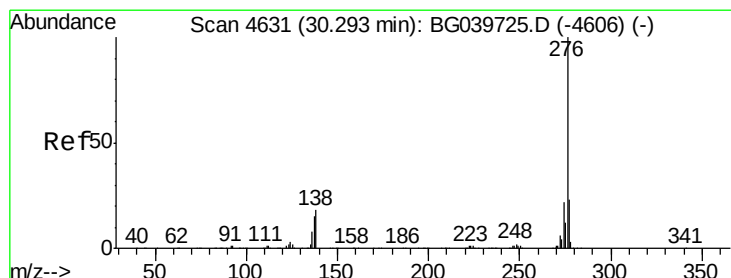
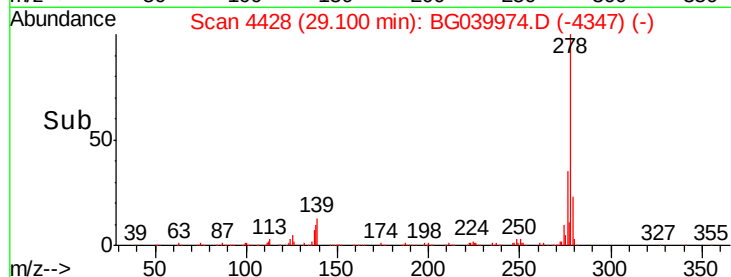
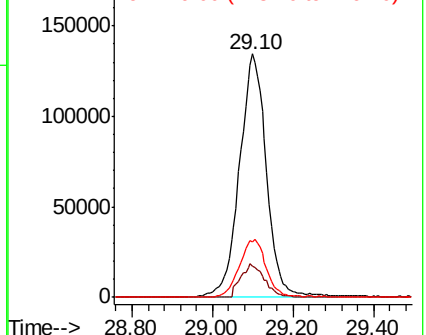
279 22.7 19.1 28.7



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: 46.854 ng

RT: 30.25 min Scan# 4624

Delta R.T. -0.06 min

Lab File: BG039974.D

Acq: 18 Mar 2019 17:58

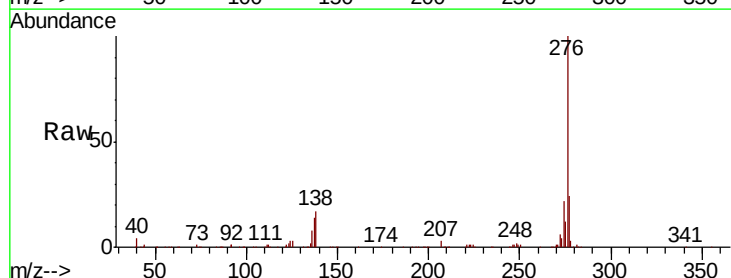
Tgt Ion:276 Resp: 638986

Ion Ratio Lower Upper

276 100

277 23.5 19.6 29.4

138 16.6 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

