

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
 Data File : BG039968.D
 Acq On : 16 Mar 2019 9:09
 Operator : JU/SJ
 Sample : K1897-04MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Quant Time: Mar 18 01:08:06 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	47914	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	202044	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	139372	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	334882	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	324721	20.00	ng	-0.02
87) Perylene-d12	25.18	264	338645	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	361025	128.55	ng	-0.01
7) Phenol-d6	7.30	99	464783	110.99	ng	-0.01
23) Nitrobenzene-d5	9.33	82	364135	97.47	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	244379	150.43	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	855530	87.40	ng	-0.02
79) Terphenyl-d14	20.11	244	1318996	89.44	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	36267	27.970	ng	# 14
3) Pyridine	4.00	79	79548	22.916	ng	98
4) n-Nitrosodimethylamine	3.91	42	60495	36.736	ng	91
6) Aniline	7.48	93	78204	14.254	ng	98
8) 2-Chlorophenol	7.71	128	130275	38.234	ng	95
9) Benzaldehyde	7.29	77	44962	16.644	ng	96
10) Phenol	7.32	94	144760	31.909	ng	99
11) bis(2-Chloroethyl)ether	7.56	93	133006	37.603	ng	99
12) 1,3-Dichlorobenzene	8.03	146	132791	34.459	ng	98
13) 1,4-Dichlorobenzene	8.18	146	140596	35.819	ng	97
14) 1,2-Dichlorobenzene	8.50	146	134582	35.487	ng	98
15) Benzyl Alcohol	8.39	79	132605	39.918	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	266796	37.714	ng	99
17) 2-Methylphenol	8.58	107	113083	39.092	ng	99
18) Hexachloroethane	9.23	117	49130	34.883	ng	95
19) n-Nitroso-di-n-propylamine	8.95	70	109515	36.333	ng	97
20) 3+4-Methylphenols	8.91	107	152748	38.010	ng	98
22) Acetophenone	8.98	105	206508	38.081	ng	# 95
24) Nitrobenzene	9.37	77	165268	42.170	ng	97
25) Isophorone	9.88	82	315485	40.304	ng	98
26) 2-Nitrophenol	10.08	139	79591	42.063	ng	93
27) 2,4-Dimethylphenol	10.12	122	140169	47.630	ng	93
28) bis(2-Chloroethoxy)methane	10.36	93	189167	39.767	ng	94
29) 2,4-Dichlorophenol	10.61	162	152043	45.888	ng	92
30) 1,2,4-Trichlorobenzene	10.82	180	147693	39.613	ng	98
31) Naphthalene	11.02	128	421541	39.406	ng	98
32) Benzoic acid	10.26	122	73303	37.889	ng	94
33) 4-Chloroaniline	11.14	127	16380	3.611	ng	# 94
34) Hexachlorobutadiene	11.28	225	99040	38.873	ng	97
35) Caprolactam	11.98	113	13116	10.363	ng	96
36) 4-Chloro-3-methylphenol	12.23	107	166756	43.904	ng	99
37) 2-Methylnaphthalene	12.61	142	325475	40.696	ng	96
38) 1-Methylnaphthalene	12.83	142	309572	39.831	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	184528	39.082	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	235994	93.267	ng	100
43) 2,4,6-Trichlorophenol	13.21	196	128941	46.646	ng	96
44) 2,4,5-Trichlorophenol	13.29	196	137632	44.172	ng	99
46) 1,1'-Biphenyl	13.61	154	449938	39.251	ng	99
47) 2-Chloronaphthalene	13.66	162	345347	40.047	ng	99
48) 2-Nitroaniline	13.87	65	124507	44.926	ng	97
49) Acenaphthylene	14.50	152	557096	39.352	ng	100
50) Dimethylphthalate	14.23	163	470036	40.332	ng	99
51) 2,6-Dinitrotoluene	14.35	165	105788	42.818	ng	99
52) Acenaphthene	14.84	154	341900	40.127	ng	99
53) 3-Nitroaniline	14.69	138	43189	17.390	ng	# 96
54) 2,4-Dinitrophenol	14.89	184	109435	70.879	ng	96
55) Dibenzofuran	15.17	168	562249	40.219	ng	99
56) 4-Nitrophenol	14.98	139	149011	67.072	ng	95
57) 2,4-Dinitrotoluene	15.14	165	149545	43.078	ng	# 85
58) Fluorene	15.82	166	442303	40.247	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	140886	46.299	ng	97
60) Diethylphthalate	15.58	149	477475	41.387	ng	99
61) 4-Chlorophenyl-phenylether	15.81	204	239715	40.876	ng	97
62) 4-Nitroaniline	15.85	138	104764	38.911	ng	96
63) Azobenzene	16.10	77	433830	41.484	ng	98
65) 4,6-Dinitro-2-methylphenol	15.90	198	85110	42.984	ng	93
66) n-Nitrosodiphenylamine	16.02	169	413660	42.668	ng	99
67) 4-Bromophenyl-phenylether	16.70	248	156505	41.752	ng	98
68) Hexachlorobenzene	16.82	284	161359	41.528	ng	94
69) Atrazine	16.96	200	160263	42.002	ng	97
70) Pentachlorophenol	17.16	266	203121	82.774	ng	97
71) Phenanthrene	17.56	178	734463	39.818	ng	99
72) Anthracene	17.66	178	748142	41.621	ng	99
73) Carbazole	17.93	167	652634	40.274	ng	99
74) Di-n-butylphthalate	18.45	149	799399	41.928	ng	99
75) Fluoranthene	19.57	202	862890	39.583	ng	98
77) Benzidine	19.75	184	44414	4.310	ng	99
78) Pyrene	19.93	202	875161	41.476	ng	99
80) Butylbenzylphthalate	20.79	149	370126	45.276	ng	98
81) Benzo(a)anthracene	21.79	228	830079	40.788	ng	100
82) 3,3'-Dichlorobenzidine	21.70	252	155968	20.991	ng	99
83) Chrysene	21.86	228	801155	40.606	ng	100
84) Bis(2-ethylhexyl)phthalate	21.65	149	514278	44.768	ng	# 99
85) Di-n-octyl phthalate	22.90	149	883620	46.455	ng	96
86) Indeno(1,2,3-cd)pyrene	29.05	276	945988	42.264	ng	# 96
88) Benzo(b)fluoranthene	24.09	252	832741	41.237	ng	98
89) Benzo(k)fluoranthene	24.17	252	807477	42.956	ng	99
90) Benzo(a)pyrene	25.02	252	802411	43.001	ng	97
91) Dibenzo(a,h)anthracene	29.12	278	762218	41.665	ng	97
92) Benzo(g,h,i)perylene	30.27	276	779066	42.403	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.02 min

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ClientSampleId :

TP-1MSD

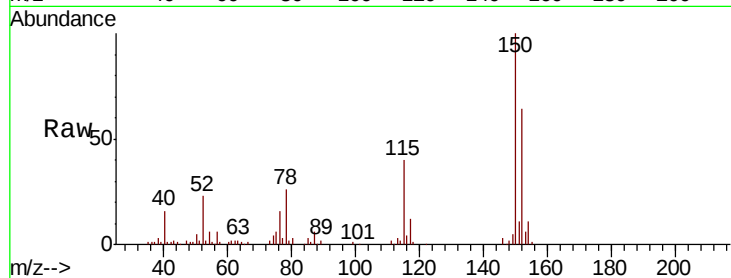
Tot Ion:152 Resp: 47914

Ion Ratio Lower Upper

152 100

150 155.4 123.7 185.5

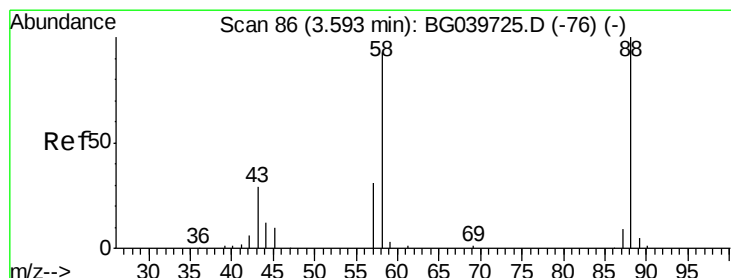
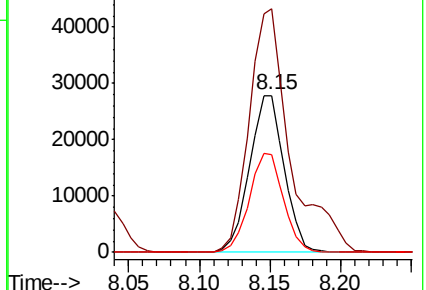
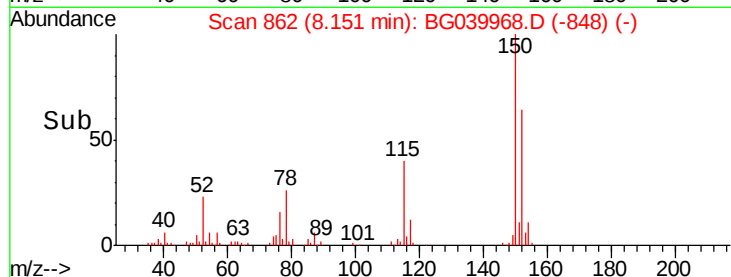
115 62.4 45.9 68.9



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: 27.970 ng

RT: 3.59 min Scan# 86

Delta R.T. -0.01 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

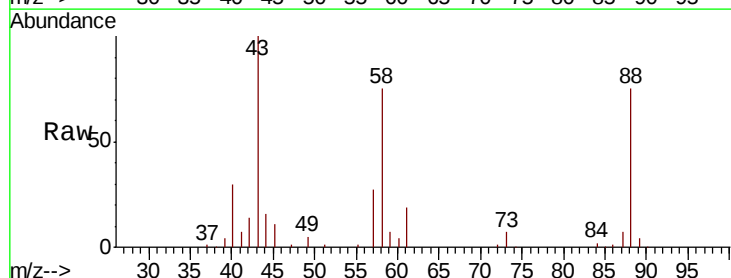
Tgt Ion: 88 Resp: 36267

Ion Ratio Lower Upper

88 100

58 103.0 81.1 121.7

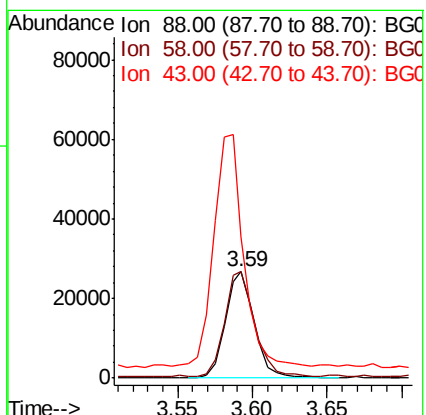
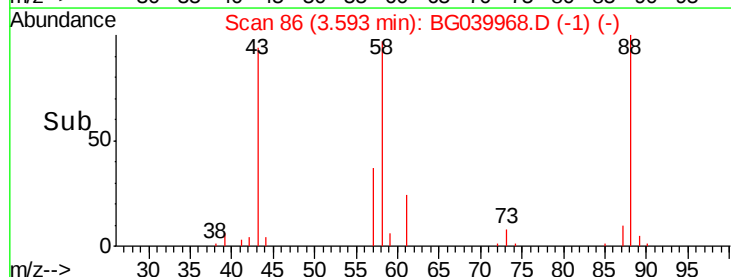
43 225.2 31.4 47.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 22.916 ng

RT: 4.00 min Scan# 155

Delta R.T. -0.01 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

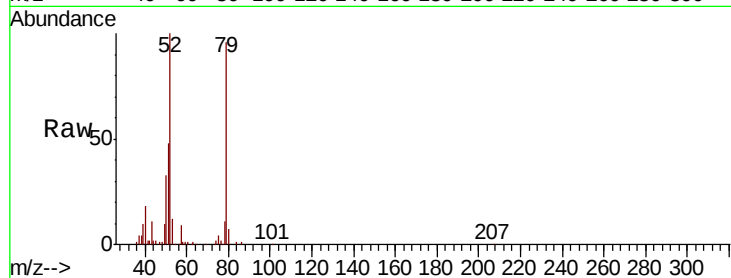
Tot Ion: 79 Resp: 79548

Ion Ratio Lower Upper

79 100

52 104.5 82.6 124.0

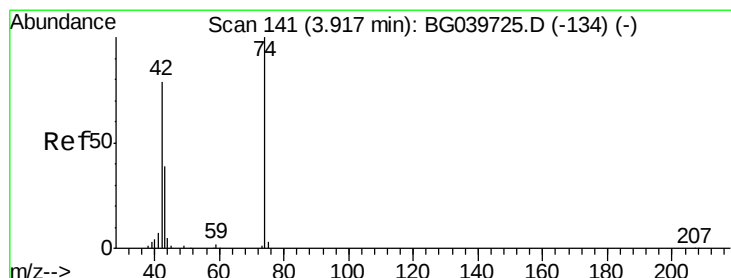
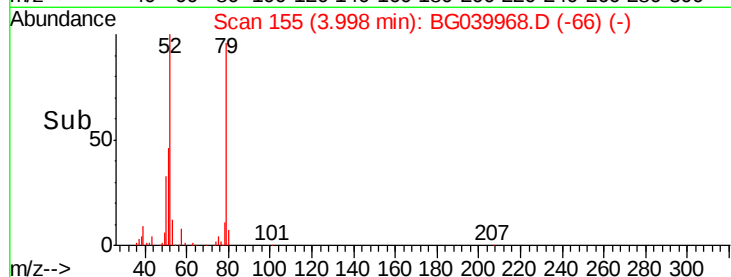
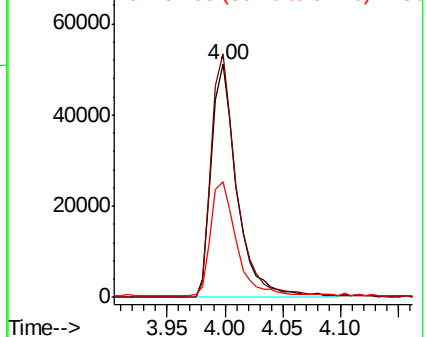
51 49.7 37.5 56.3



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 36.736 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.02 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

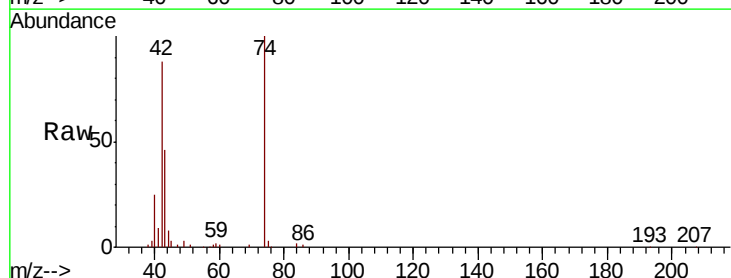
Tgt Ion: 42 Resp: 60495

Ion Ratio Lower Upper

42 100

74 114.3 83.6 125.4

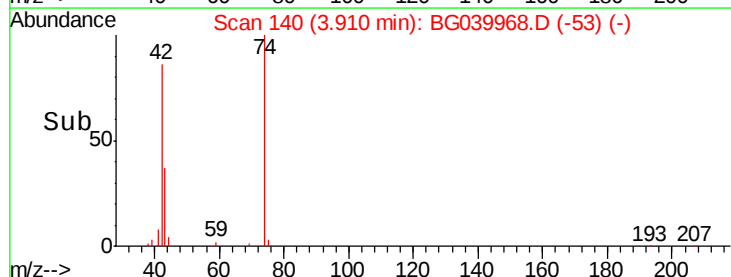
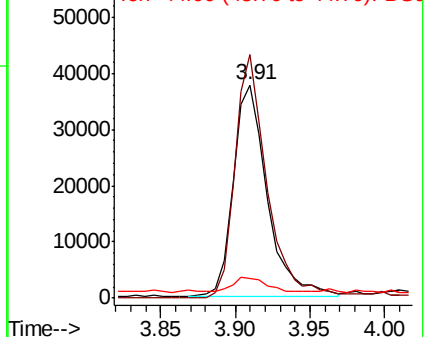
44 9.2 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 128.545 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

Instrument :

BNA_G

ClientSampled :

TP-1MSD

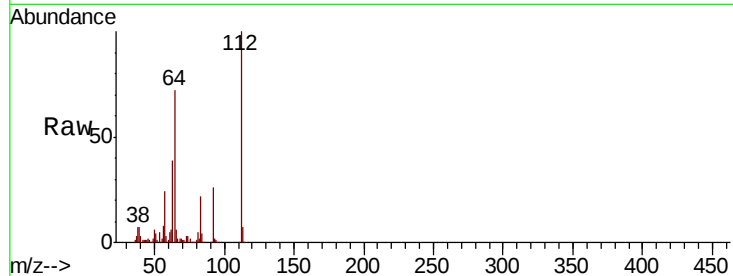
Tot Ion:112 Resp: 361025

Ion Ratio Lower Upper

112 100

64 72.2 57.8 86.8

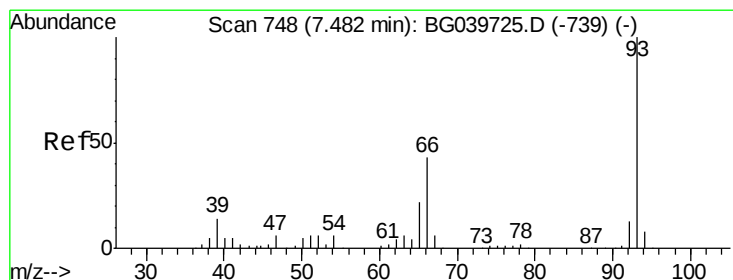
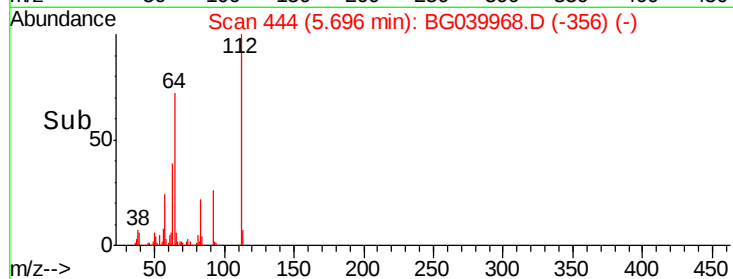
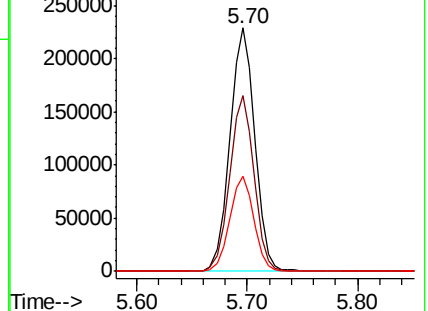
63 38.9 29.8 44.6



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: 14.254 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

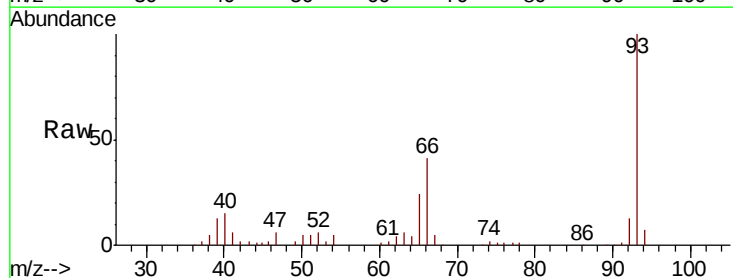
Tgt Ion: 93 Resp: 78204

Ion Ratio Lower Upper

93 100

66 41.4 34.2 51.4

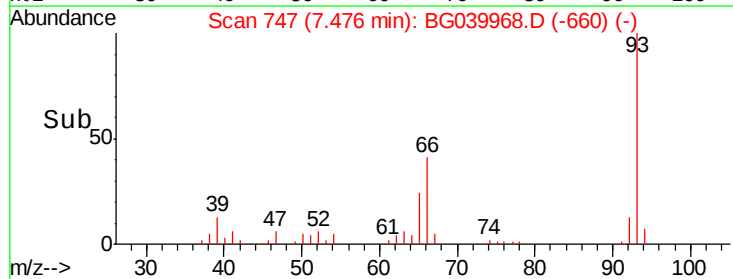
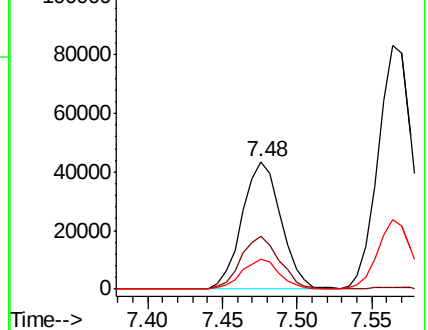
65 23.6 17.7 26.5



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 110.988 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

Instrument :

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ClientSampleId :

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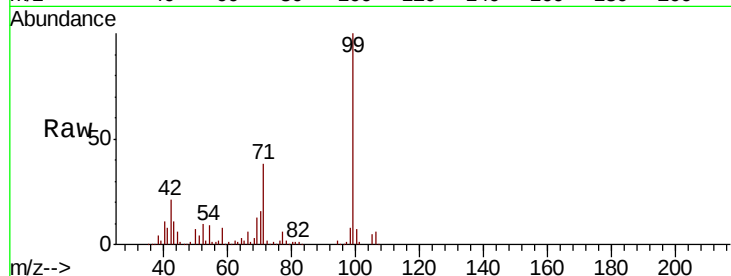
Tot Ion: 99 Resp: 464783

Ion Ratio Lower Upper

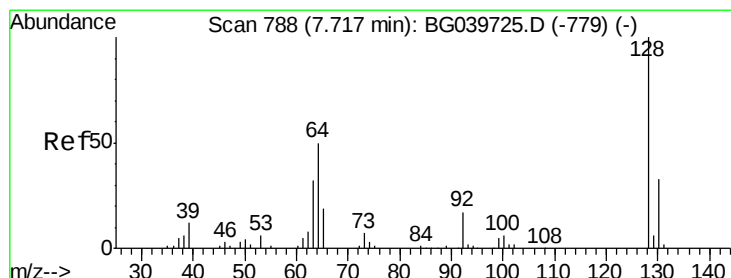
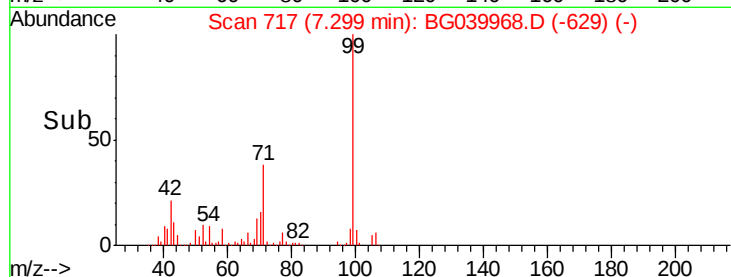
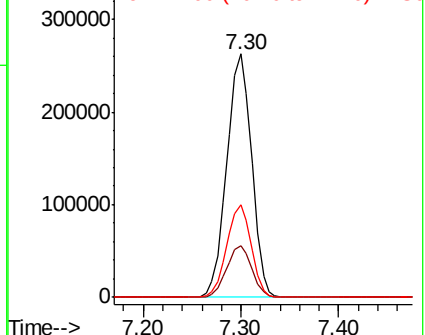
99 100

42 21.0 18.2 27.2

71 38.1 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: 38.234 ng

RT: 7.71 min Scan# 787

Delta R.T. -0.01 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

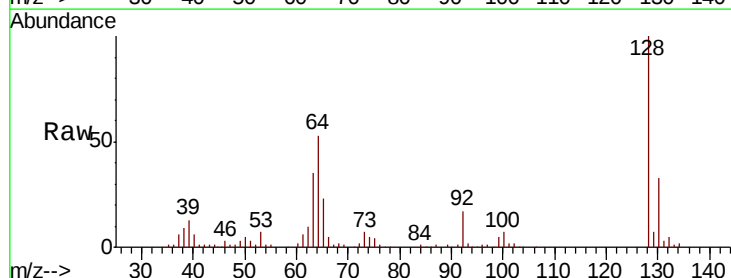
Tgt Ion: 128 Resp: 130275

Ion Ratio Lower Upper

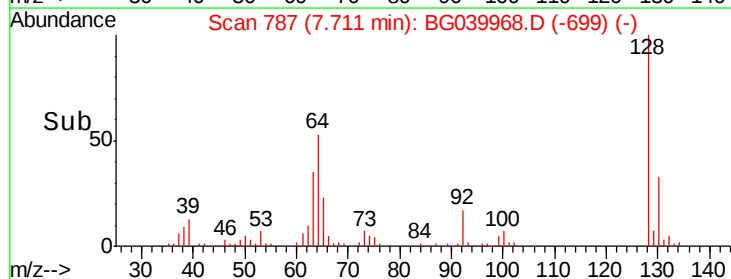
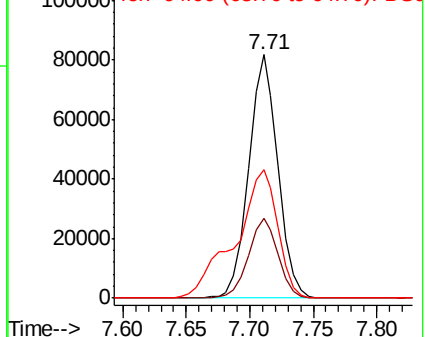
128 100

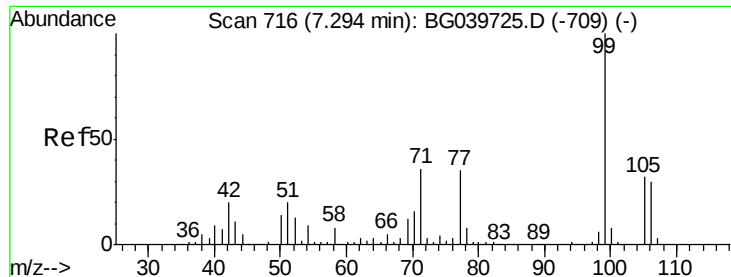
130 32.6 12.9 52.9

64 52.9 38.7 78.7



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





#9

Benzaldehyde

Concen: 16.644 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

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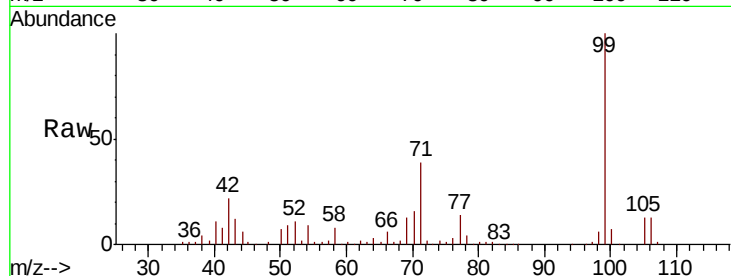
Tot Ion: 77 Resp: 44962

Ion Ratio Lower Upper

77 100

105 93.9 74.5 114.5

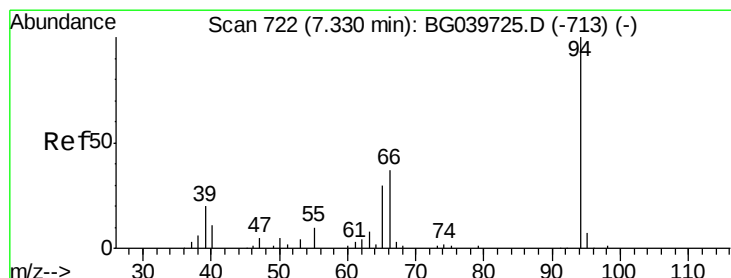
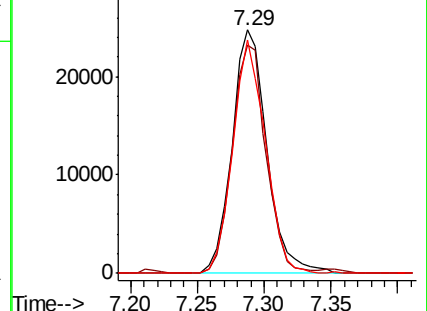
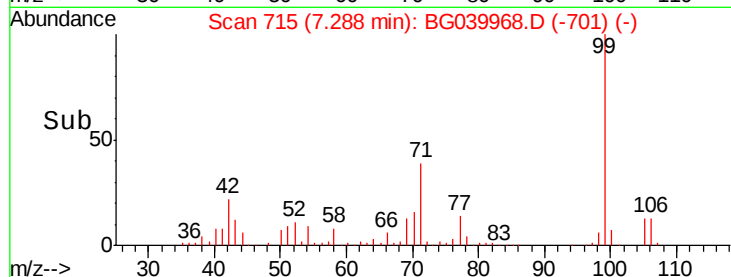
106 95.7 68.0 108.0



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 31.909 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

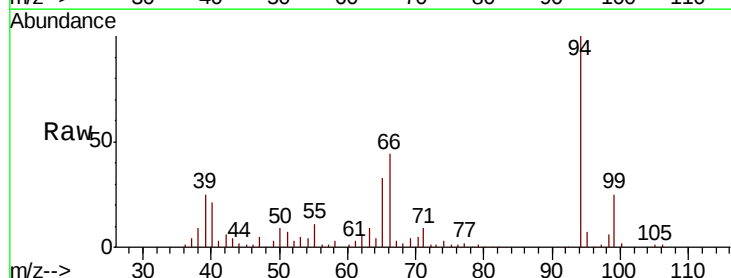
Tgt Ion: 94 Resp: 144760

Ion Ratio Lower Upper

94 100

65 33.3 11.7 51.7

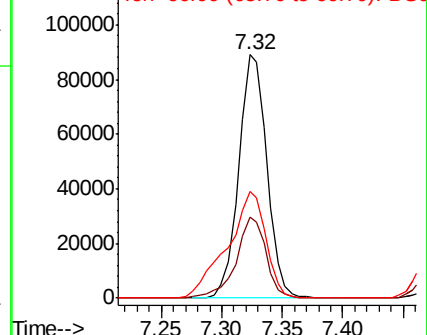
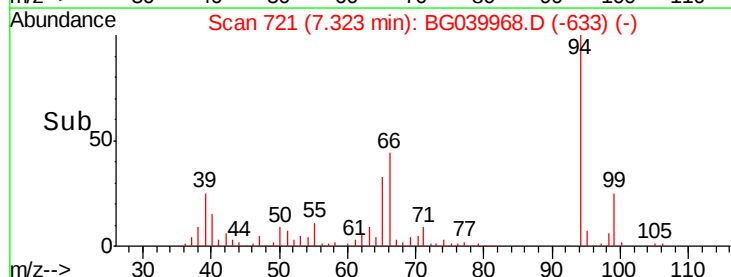
66 43.9 23.7 63.7



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

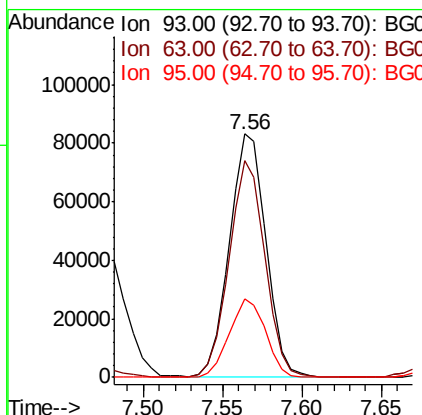
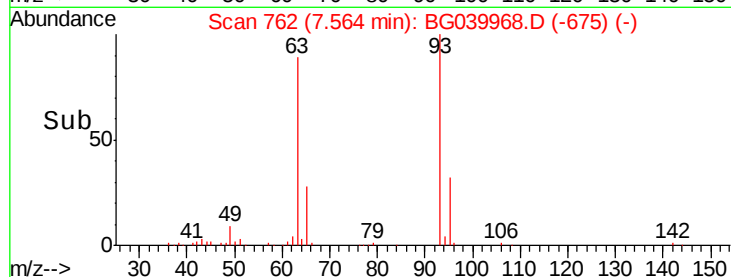
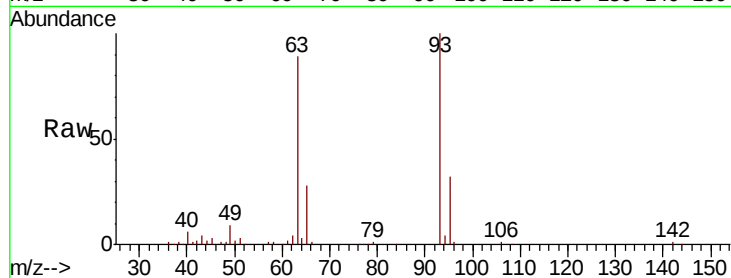




#11
bis(2-Chloroethyl)ether
Concen: 37.603 ng
RT: 7.56 min Scan# 762
Delta R.T. -0.02 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

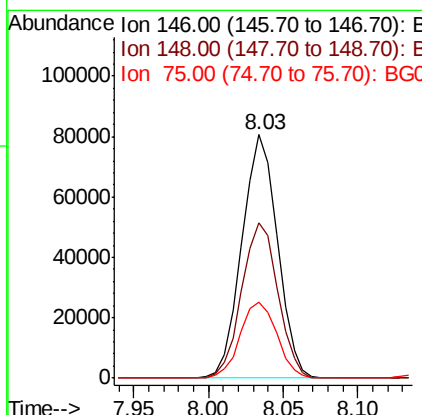
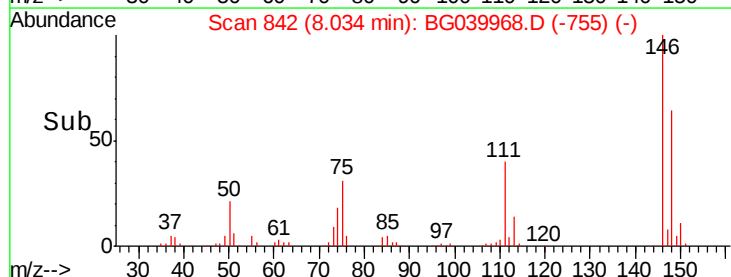
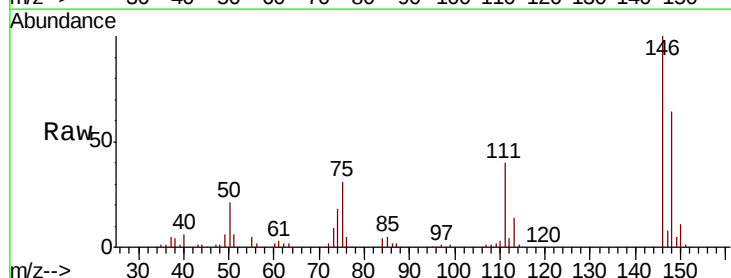
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

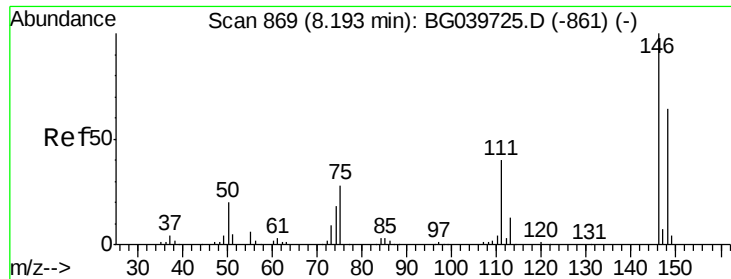
Tot Ion: 93 Resp: 133006
Ion Ratio Lower Upper
93 100
63 88.9 69.5 109.5
95 32.3 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 34.459 ng
RT: 8.03 min Scan# 842
Delta R.T. -0.02 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Tgt Ion: 146 Resp: 132791
Ion Ratio Lower Upper
146 100
148 63.7 52.6 79.0
75 31.1 25.8 38.6

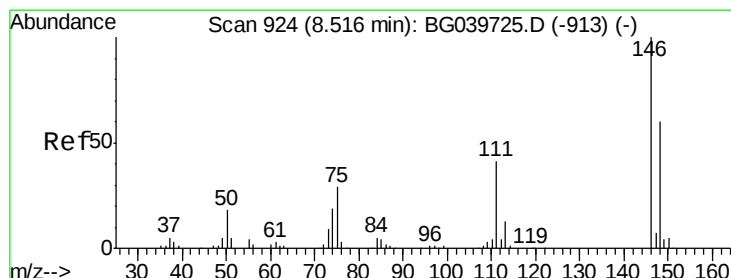
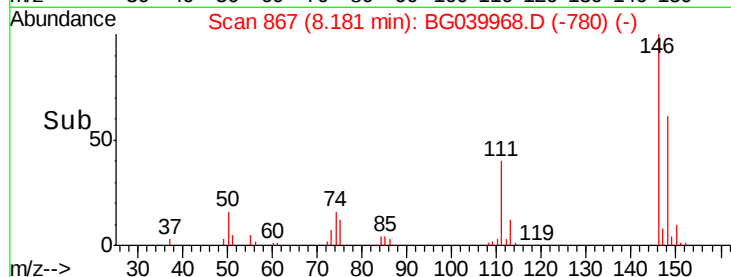
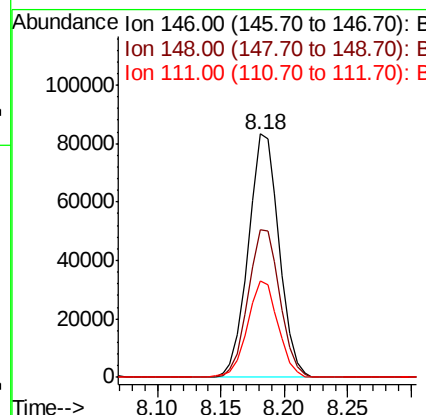
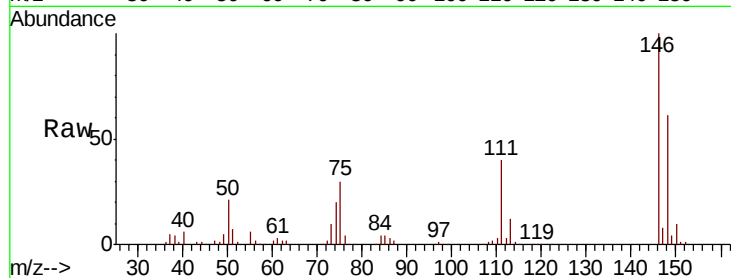




#13
 1,4-Dichlorobenzene
 Concen: 35.819 ng
 RT: 8.18 min Scan# 867
 Delta R.T. -0.02 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

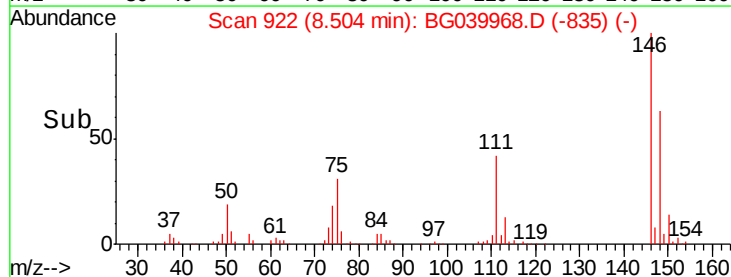
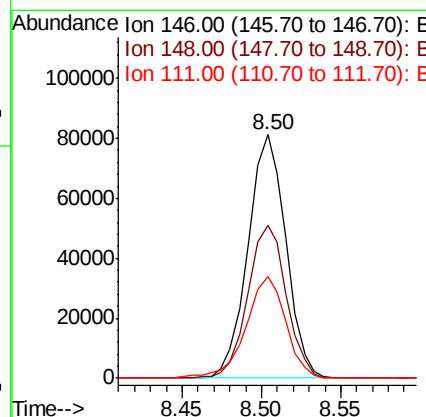
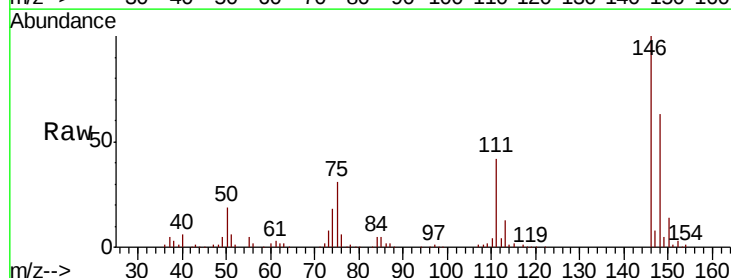
Instrument :
 BNA_G
 ClientSampled :
 TP-1MSD

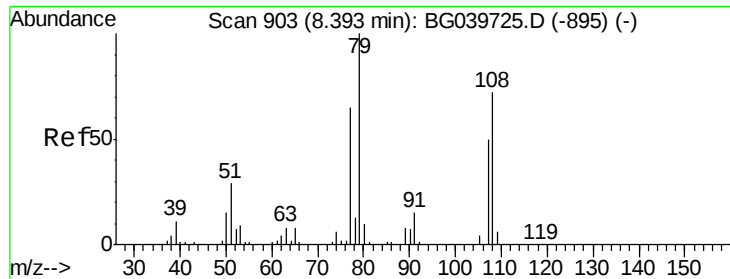
Tot Ion:146 Resp: 140596
 Ion Ratio Lower Upper
 146 100
 148 60.7 51.1 76.7
 111 39.6 32.6 48.8



#14
 1,2-Dichlorobenzene
 Concen: 35.487 ng
 RT: 8.50 min Scan# 922
 Delta R.T. -0.02 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

Tgt Ion:146 Resp: 134582
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.5 77.3
 111 41.5 33.8 50.6





#15

Benzyl Alcohol

Concen: 39.918 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

Instrument :

BNA_G

ClientSampled :

TP-1MSD

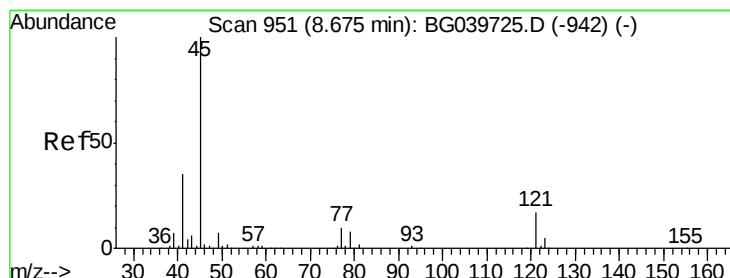
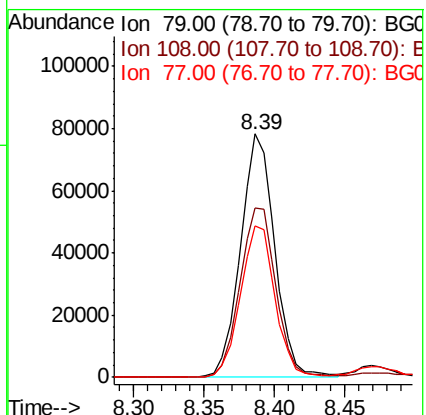
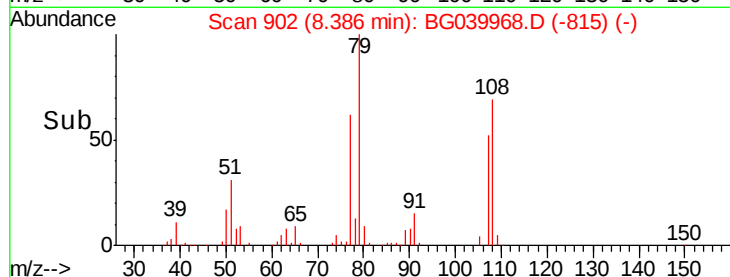
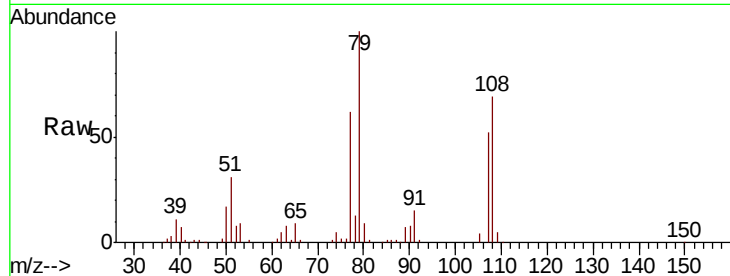
Tot Ion: 79 Resp: 132605

Ion Ratio Lower Upper

79 100

108 69.5 57.8 86.6

77 62.1 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.714 ng

RT: 8.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

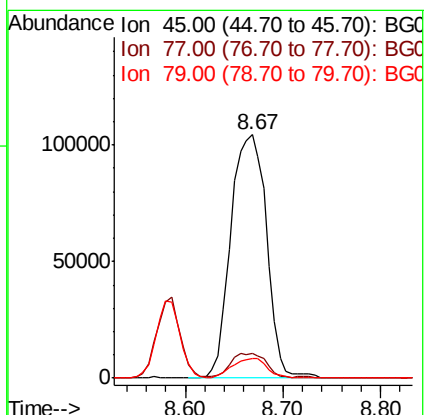
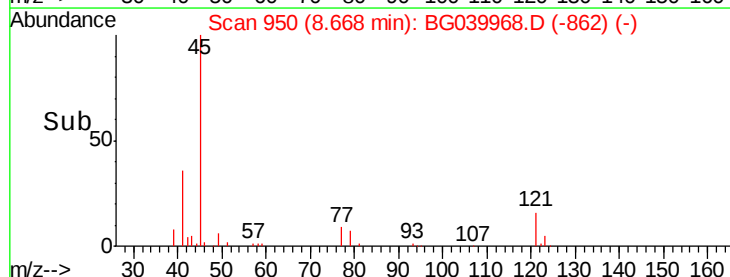
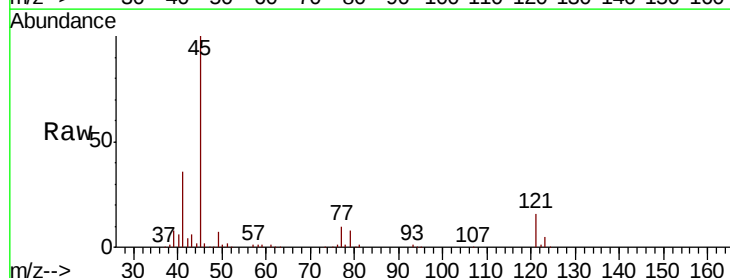
Tgt Ion: 45 Resp: 266796

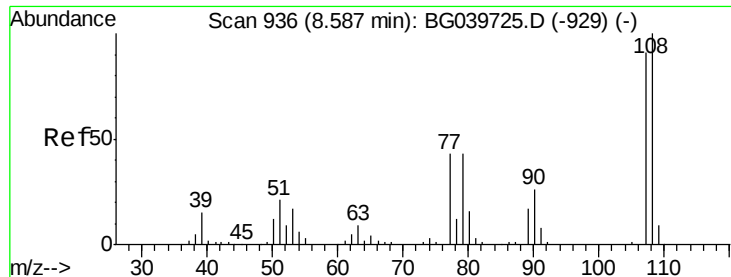
Ion Ratio Lower Upper

45 100

77 10.2 0.0 30.0

79 7.9 0.0 27.5

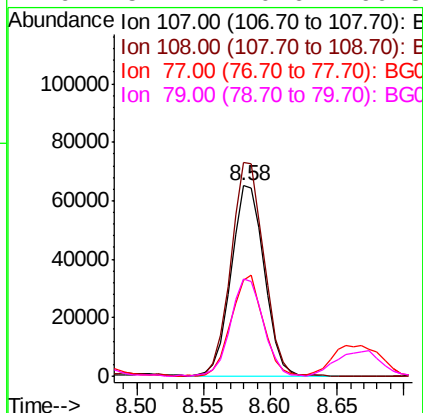
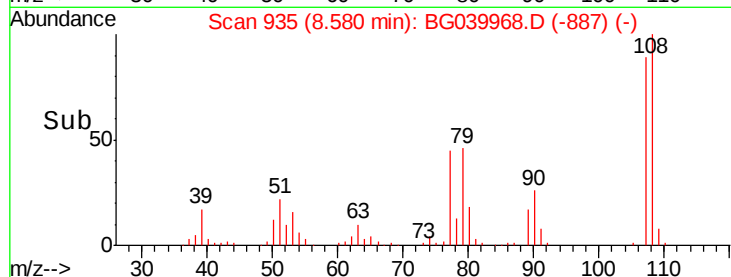
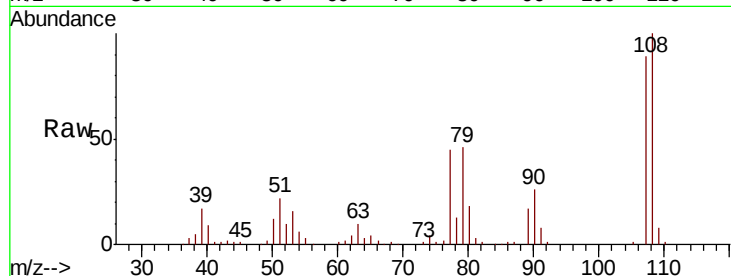




#17
2-Methylphenol
Concen: 39.092 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

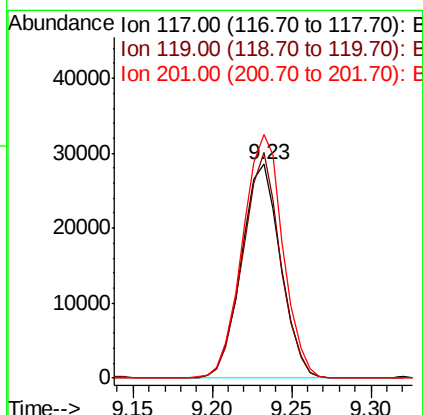
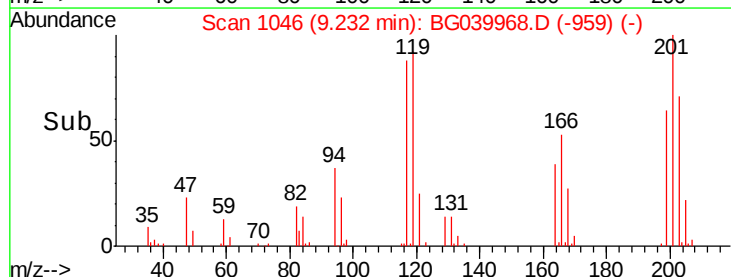
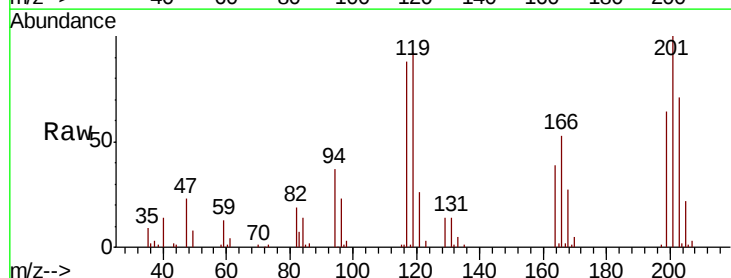
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

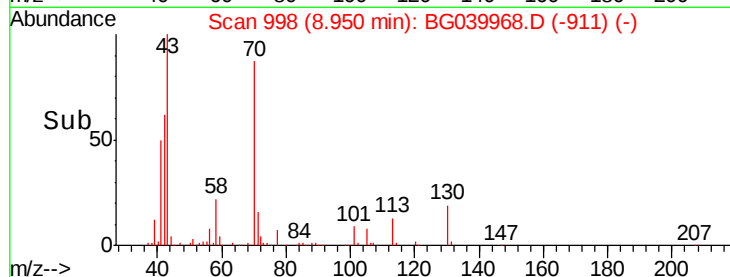
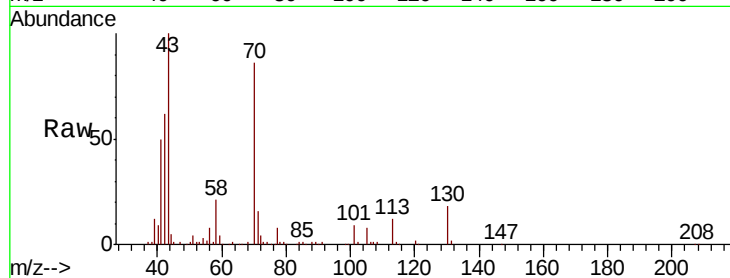
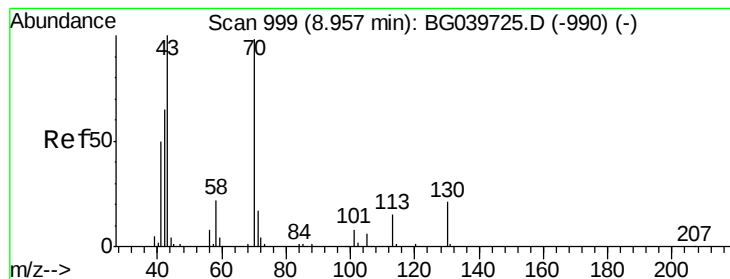
Tot Ion:107 Resp: 113083
Ion Ratio Lower Upper
107 100
108 112.2 90.8 136.2
77 50.1 40.7 61.1
79 51.2 40.6 60.8



#18
Hexachloroethane
Concen: 34.883 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Tgt Ion:117 Resp: 49130
Ion Ratio Lower Upper
117 100
119 105.3 76.3 114.5
201 113.9 91.1 136.7





#19

n-Nitroso-di-n-propylamine

Concen: 36.333 ng

RT: 8.95 min Scan# 998

Delta R.T. -0.02 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tot Ion: 70 Resp: 109515

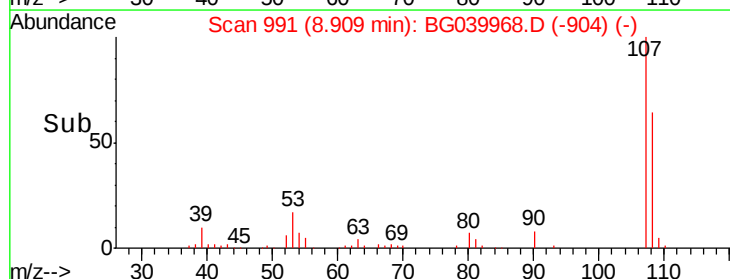
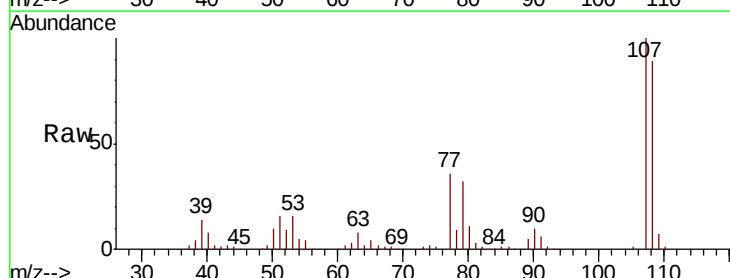
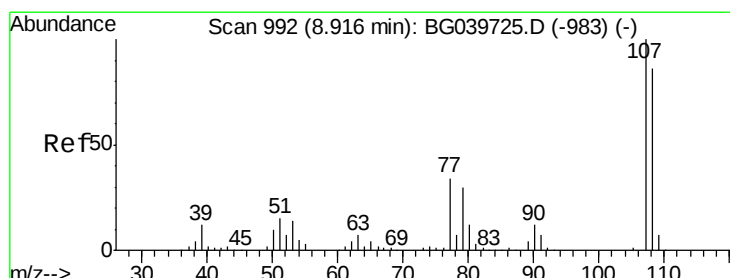
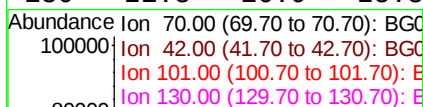
Ion Ratio Lower Upper

70 100

42 71.9 60.4 90.6

101 10.1 7.5 11.3

130 21.3 16.9 25.3



#20

3+4-Methylphenols

Concen: 38.010 ng

RT: 8.91 min Scan# 991

Delta R.T. -0.02 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

Tgt Ion: 107 Resp: 152748

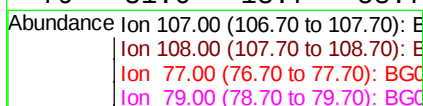
Ion Ratio Lower Upper

107 100

108 89.0 67.9 107.9

77 35.9 15.4 55.4

79 31.6 13.7 53.7

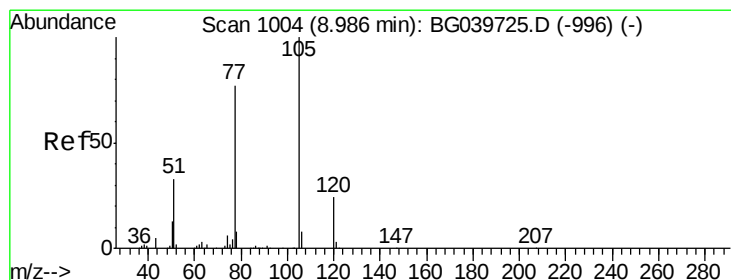
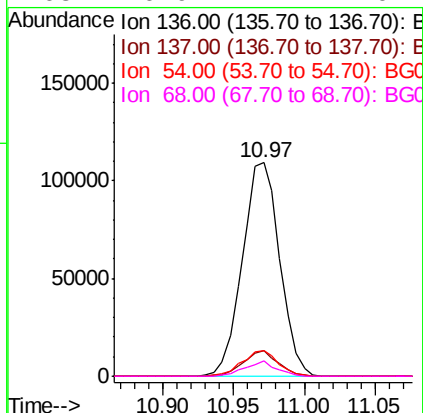
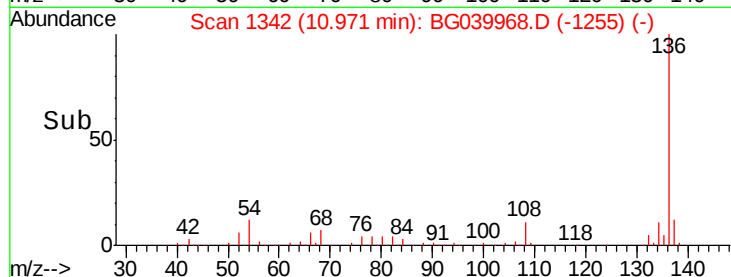
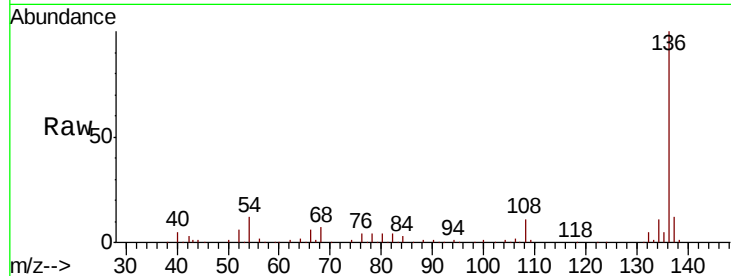




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

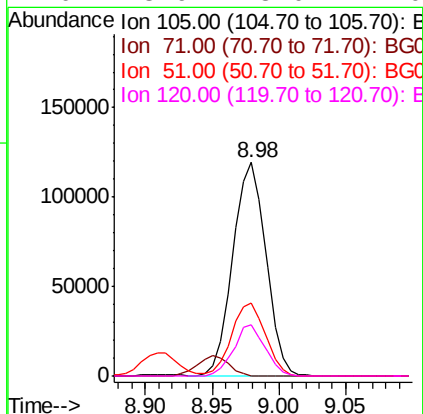
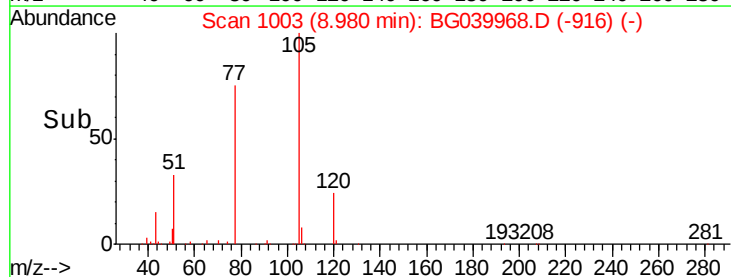
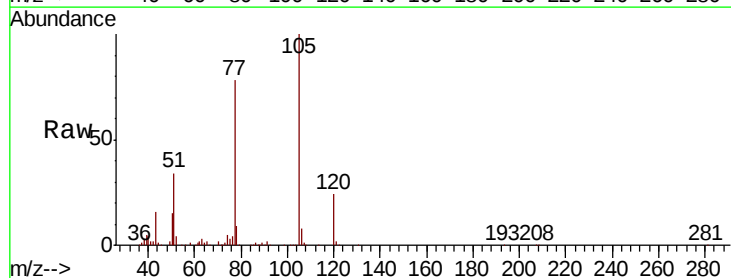
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

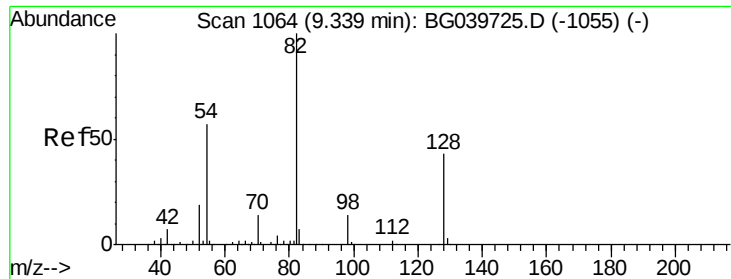
Tot Ion:136	Resp:	202044
Ion Ratio	Lower	Upper
136	100	
137	11.9	9.1 13.7
54	11.9	9.4 14.2
68	6.9	4.2 6.4#



#22
Acetophenone
Concen: 38.081 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Tgt Ion:105	Resp:	206508
Ion Ratio	Lower	Upper
105	100	
71	0.2	0.8 1.2#
51	34.1	30.2 45.2
120	23.9	18.0 27.0

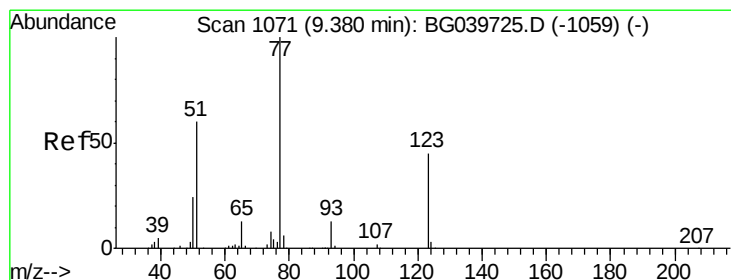
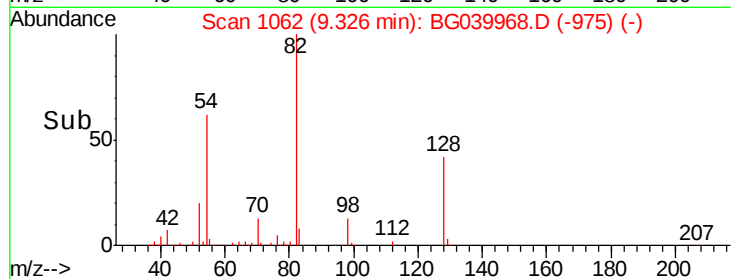
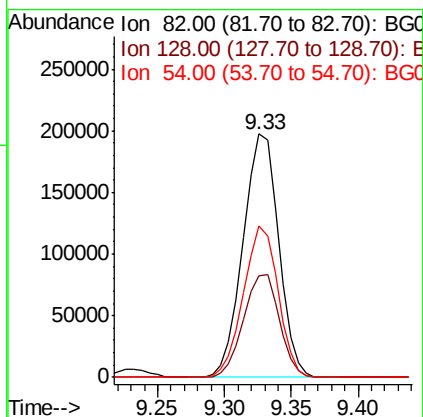
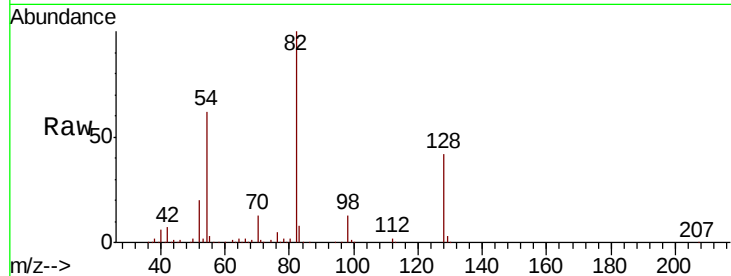




#23
Nitrobenzene-d5
Concen: 97.473 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

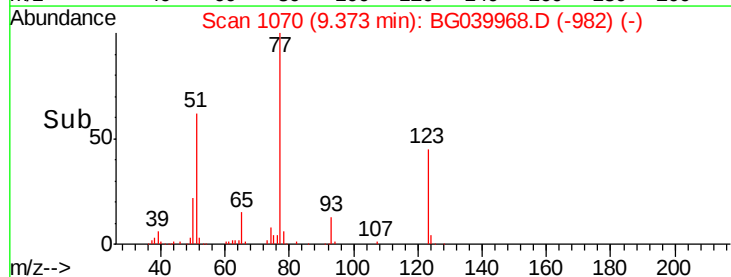
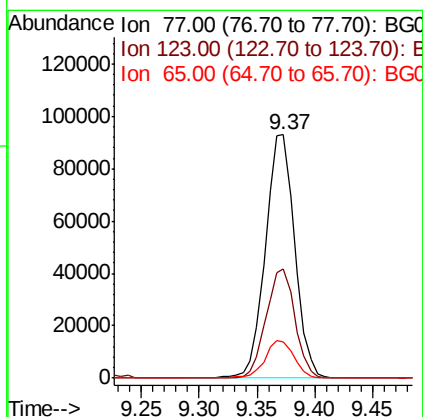
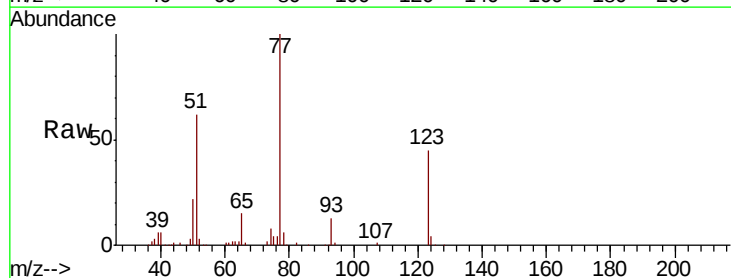
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.7	31.3	46.9
54	62.1	50.9	76.3



#24
Nitrobenzene
Concen: 42.170 ng
RT: 9.37 min Scan# 1070
Delta R.T. -0.01 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.8	34.1	51.1
65	14.7	12.3	18.5

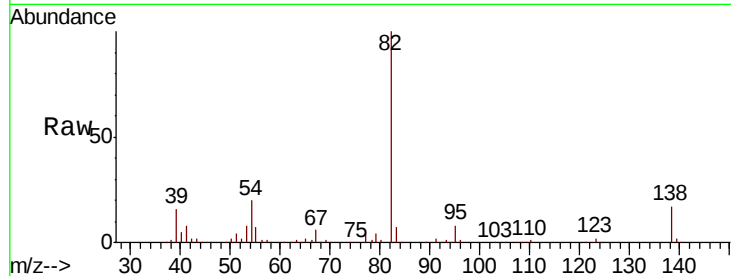




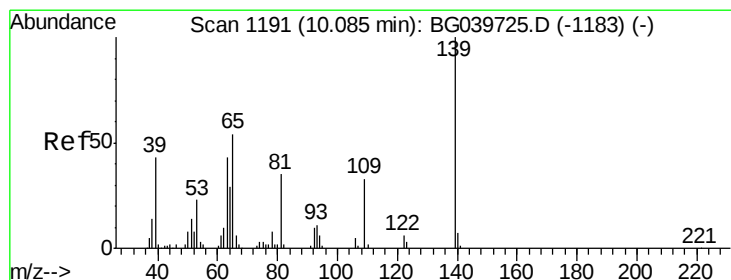
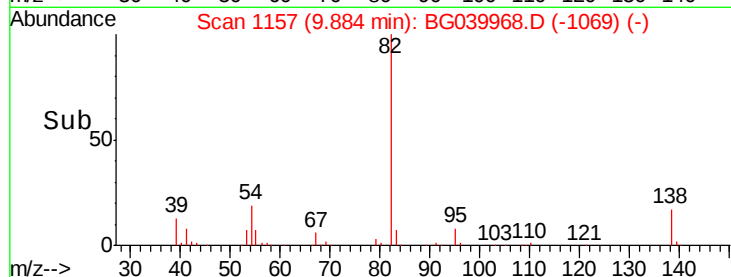
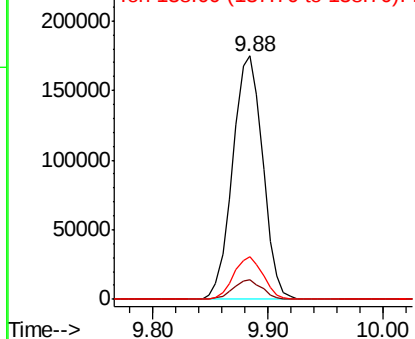
#25
Isophorone
Concen: 40.304 ng
RT: 9.88 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion: 82 Resp: 315485
Ion Ratio Lower Upper
82 100
95 8.1 6.2 9.2
138 17.3 13.0 19.4

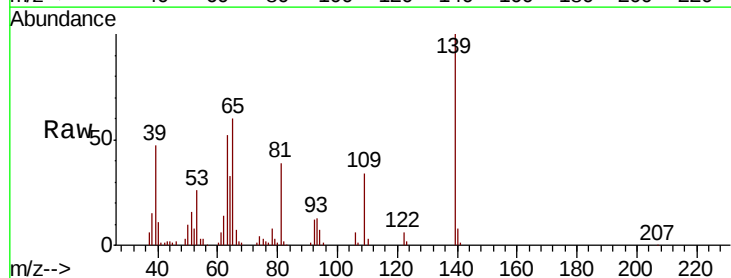


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

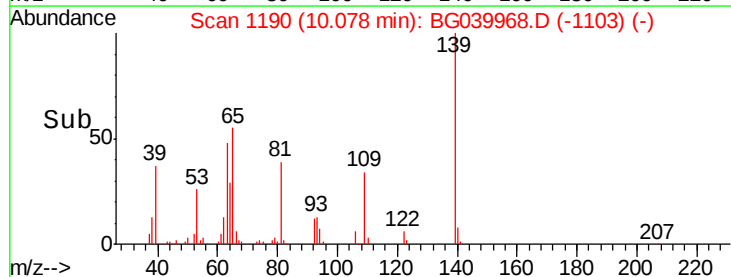
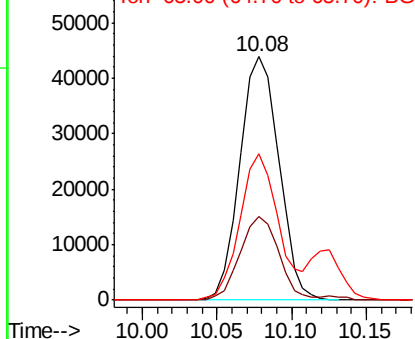


#26
2-Nitrophenol
Concen: 42.063 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Tgt Ion: 139 Resp: 79591
Ion Ratio Lower Upper
139 100
109 34.4 23.4 35.0
65 59.9 44.3 66.5



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

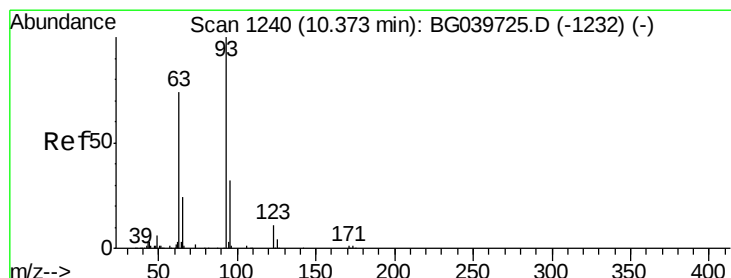
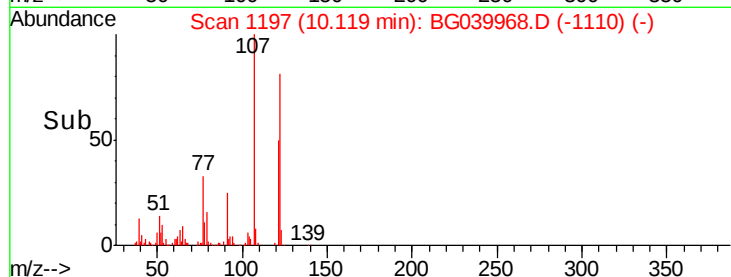
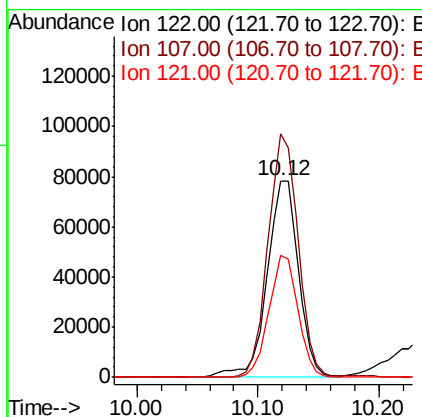
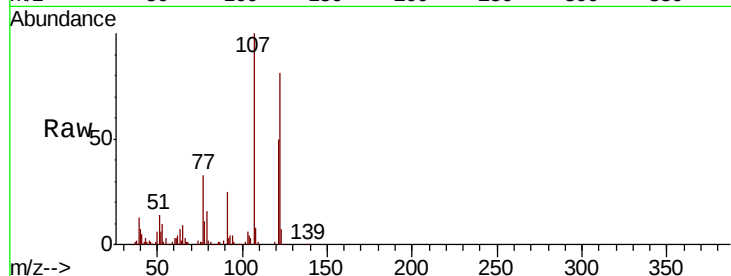




#27
 2,4-Dimethylphenol
 Concen: 47.630 ng
 RT: 10.12 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

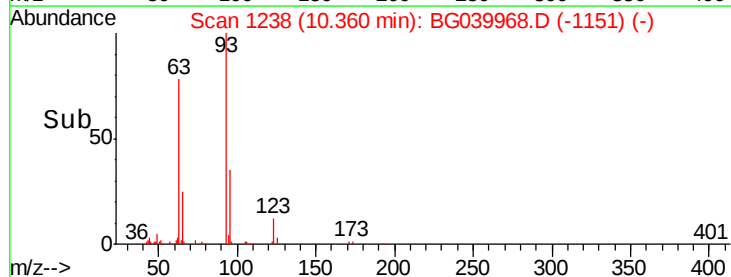
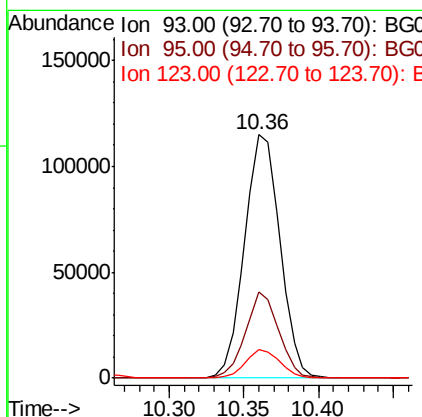
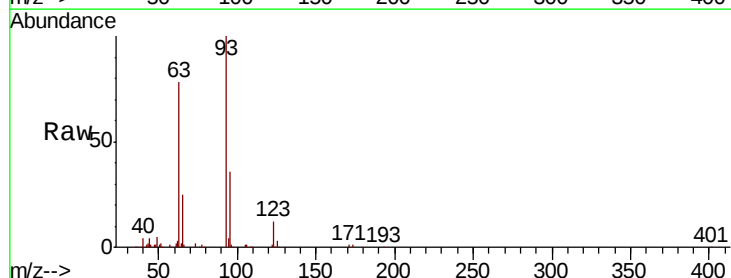
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	123.8	91.7	137.5
121	62.1	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.767 ng
 RT: 10.36 min Scan# 1238
 Delta R.T. -0.02 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.5	25.0	37.4
123	11.7	8.6	12.8

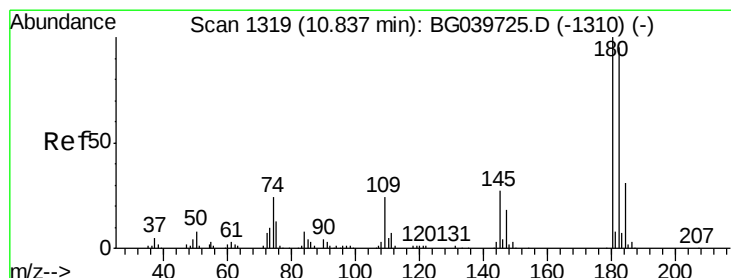
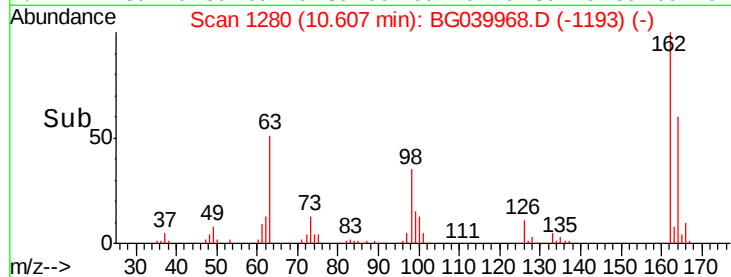
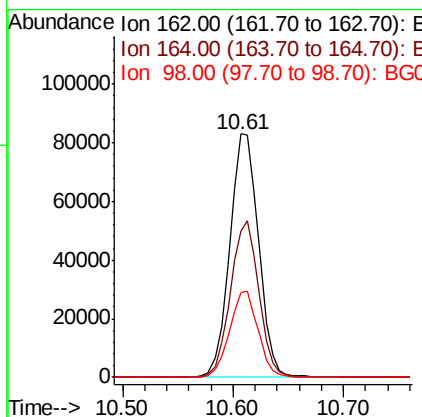
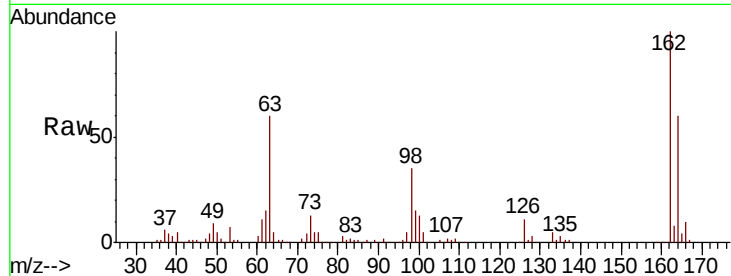




#29
 2,4-Dichlorophenol
 Concen: 45.888 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

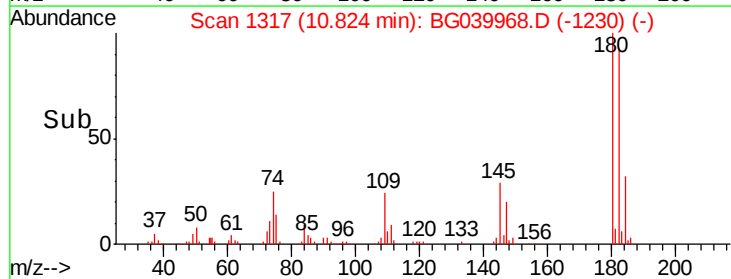
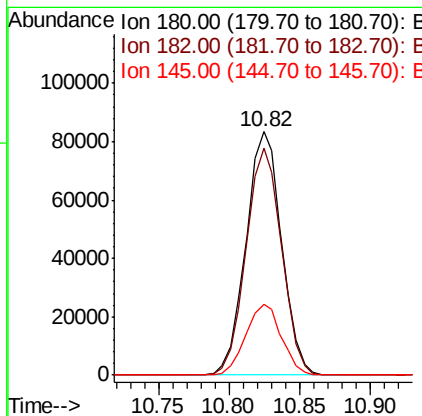
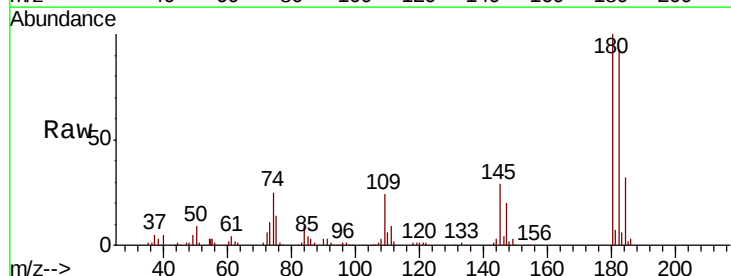
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Tot Ion:162 Resp: 152043
 Ion Ratio Lower Upper
 162 100
 164 59.9 48.1 88.1
 98 35.0 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.613 ng
 RT: 10.82 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

Tgt Ion:180 Resp: 147693
 Ion Ratio Lower Upper
 180 100
 182 93.1 76.0 114.0
 145 29.1 22.7 34.1

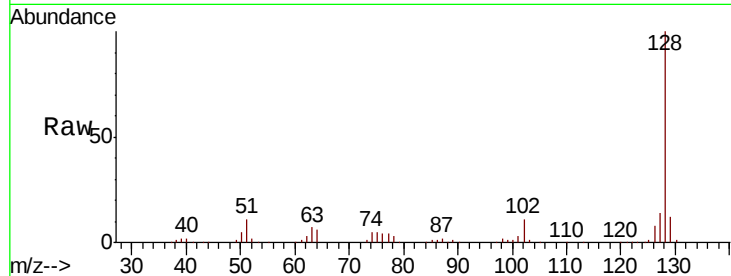




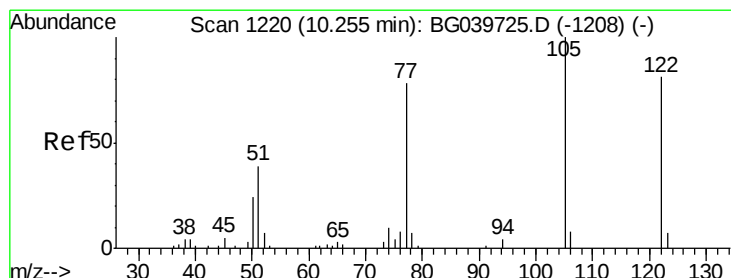
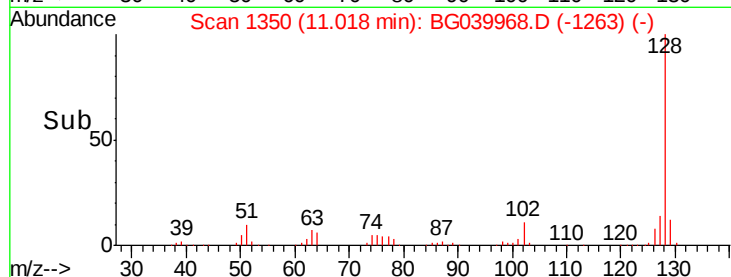
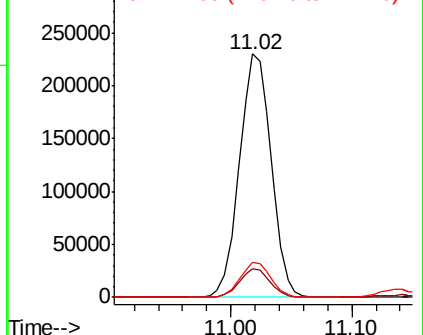
#31
Naphthalene
Concen: 39.406 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion:128 Resp: 421541
Ion Ratio Lower Upper
128 100
129 11.7 8.7 13.1
127 14.3 10.8 16.2

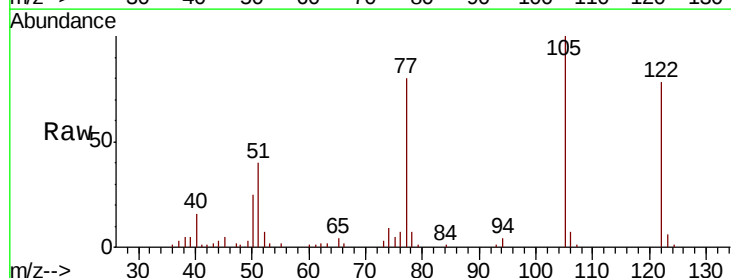


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

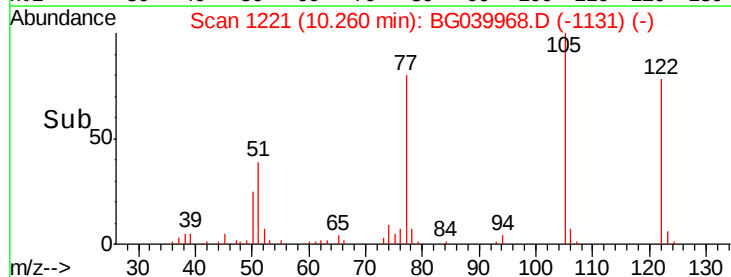
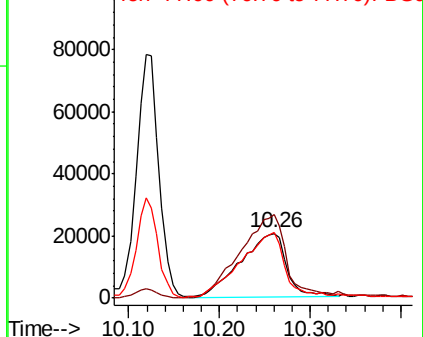


#32
Benzoic acid
Concen: 37.889 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Tgt Ion:122 Resp: 73303
Ion Ratio Lower Upper
122 100
105 128.8 101.8 141.8
77 102.5 76.3 116.3



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

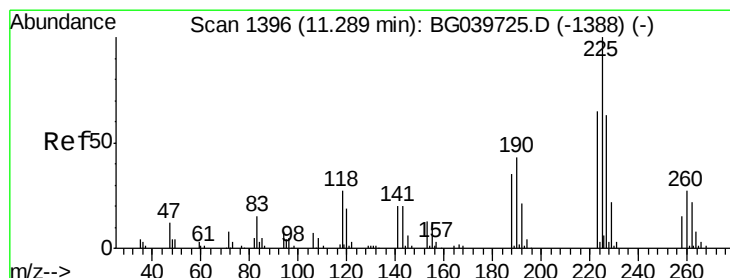
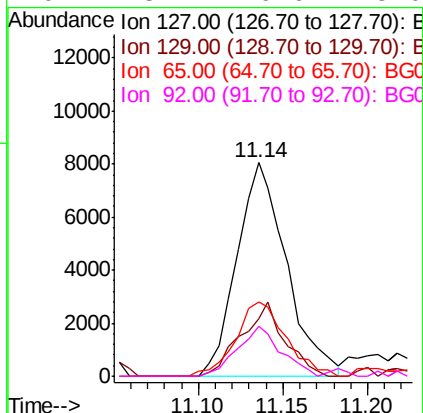
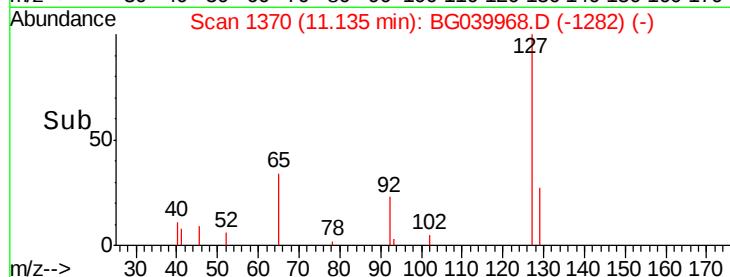
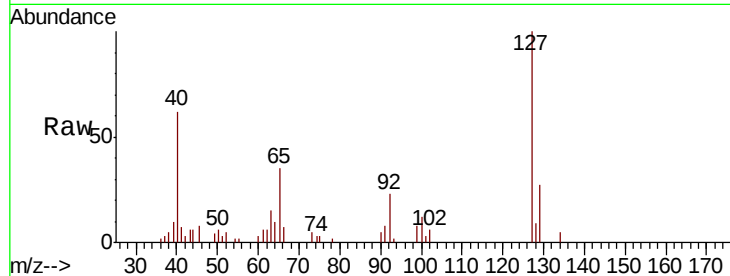




#33
4-Chloroaniline
Concen: 3.611 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

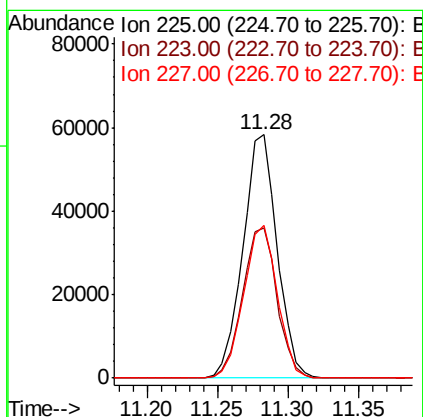
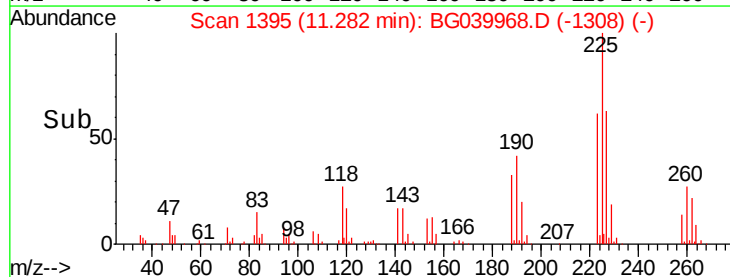
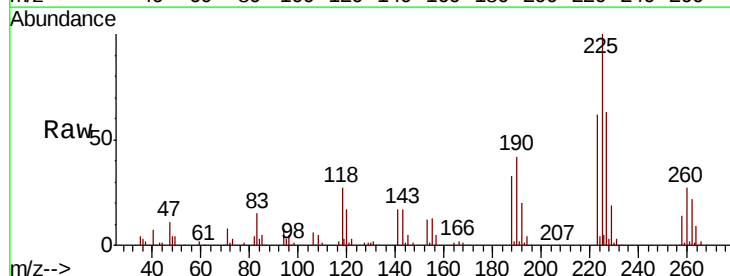
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

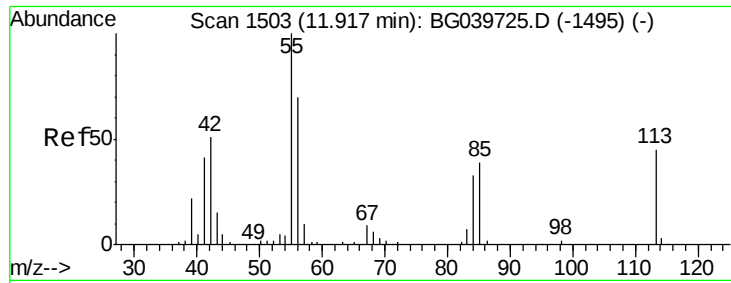
Tot Ion:	127	Resp:	16380
Ion	Ratio	Lower	Upper
127	100		
129	26.8	27.0	40.4#
65	35.0	28.8	43.2
92	23.2	16.6	25.0



#34
Hexachlorobutadiene
Concen: 38.873 ng
RT: 11.28 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Tgt Ion:	225	Resp:	99040
Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.0	73.6
227	62.5	46.3	69.5

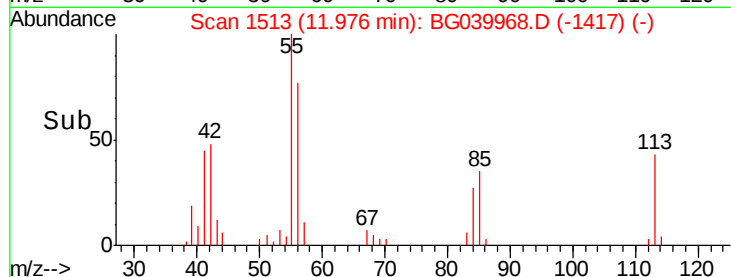
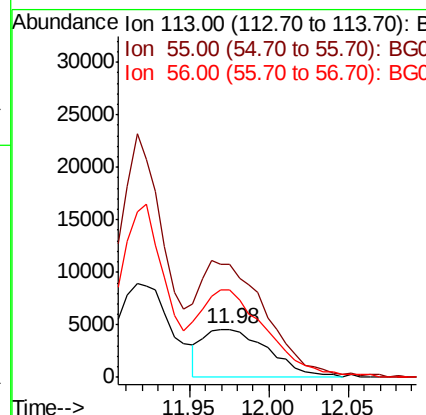
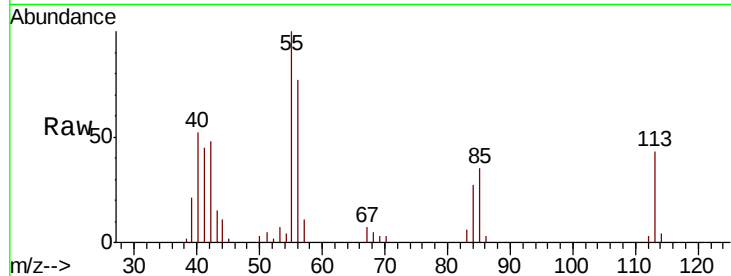




#35
 Caprolactam
 Concen: 10.363 ng
 RT: 11.98 min Scan# 1513
 Delta R.T. 0.03 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

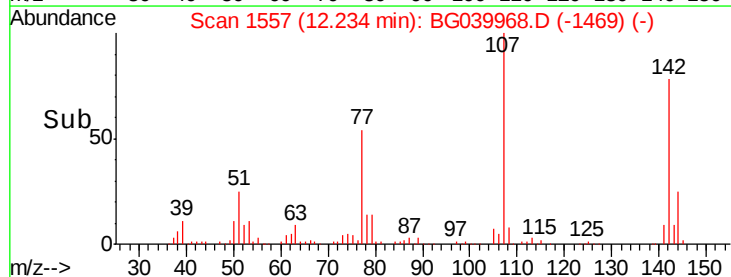
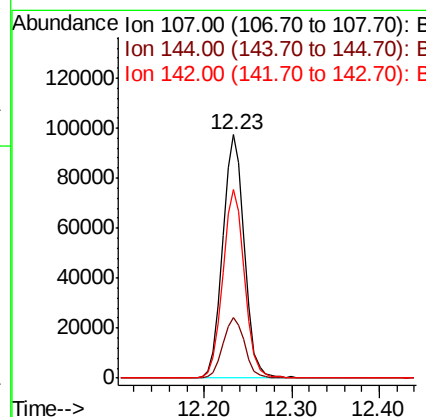
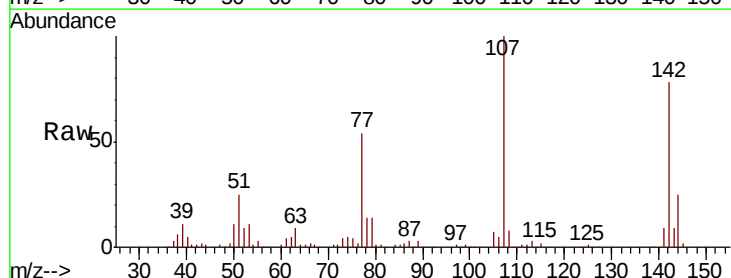
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

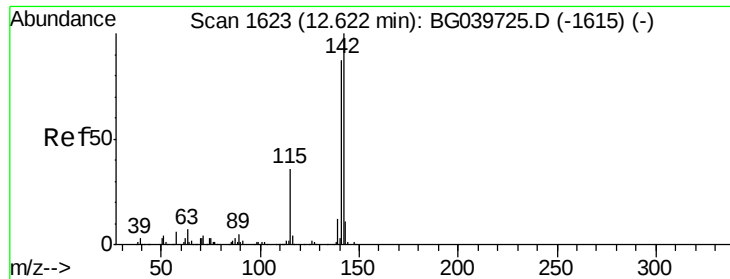
Tot Ion:113 Resp: 13116
 Ion Ratio Lower Upper
 113 100
 55 233.6 216.9 256.9
 56 181.0 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 43.904 ng
 RT: 12.23 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

Tgt Ion:107 Resp: 166756
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.2 30.2
 142 77.6 61.4 92.2

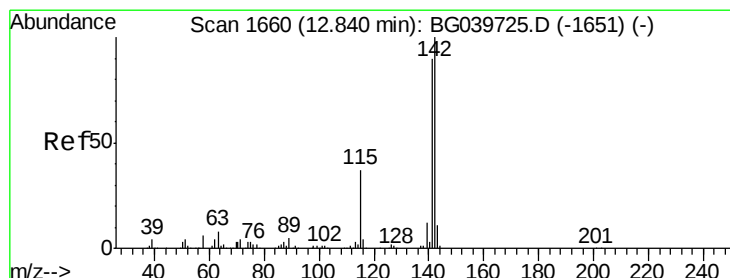
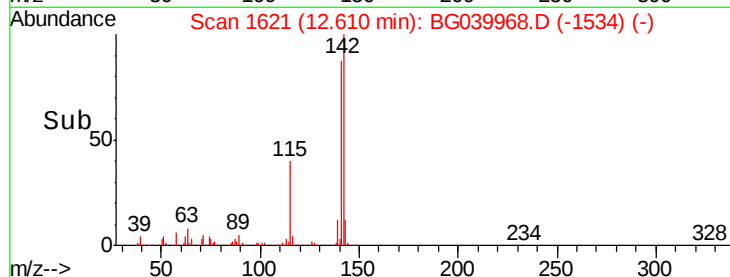
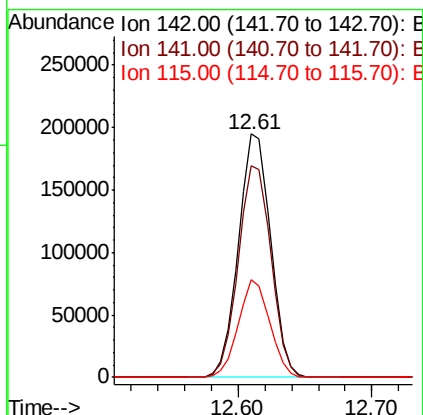
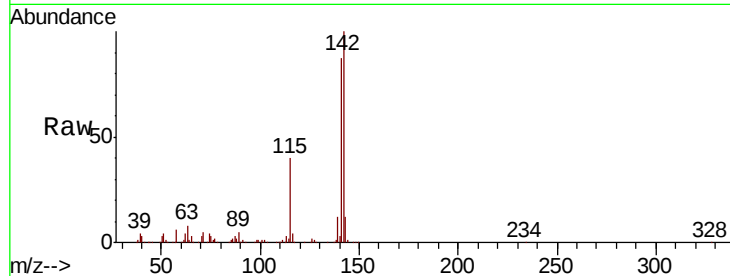




#37
2-Methylnaphthalene
Concen: 40.696 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.02 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

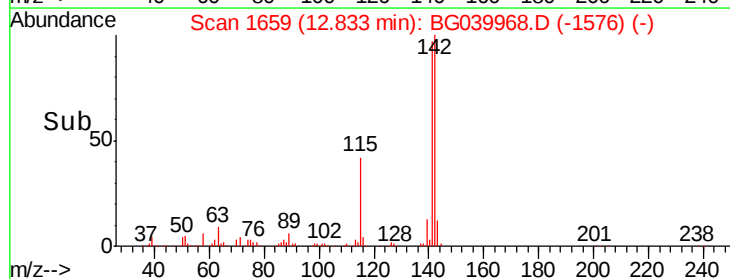
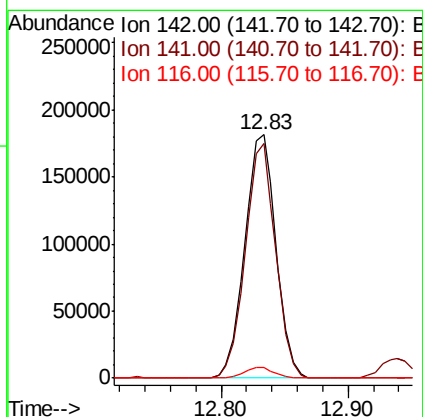
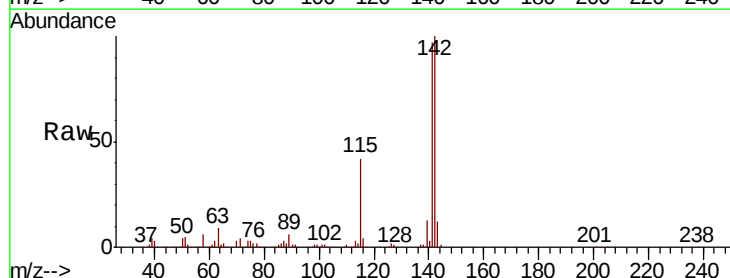
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

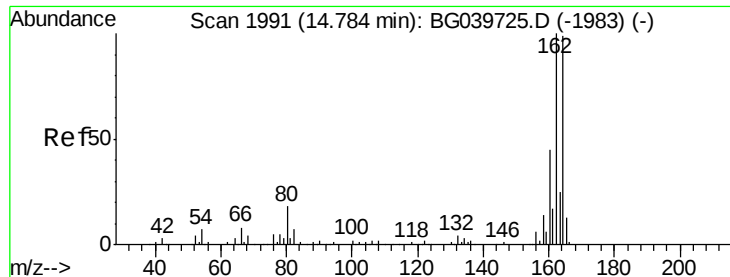
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.1	73.5	110.3
115	39.9	30.8	46.2



#38
1-Methylnaphthalene
Concen: 39.831 ng
RT: 12.83 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.5	74.2	111.4
116	4.2	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

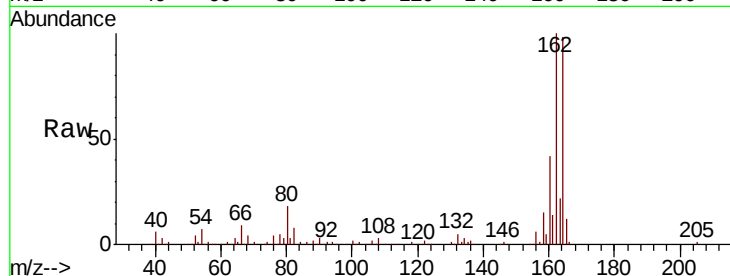
Tot Ion:164 Resp: 139372

Ion Ratio Lower Upper

164 100

162 102.2 81.6 122.4

160 43.0 34.2 51.2

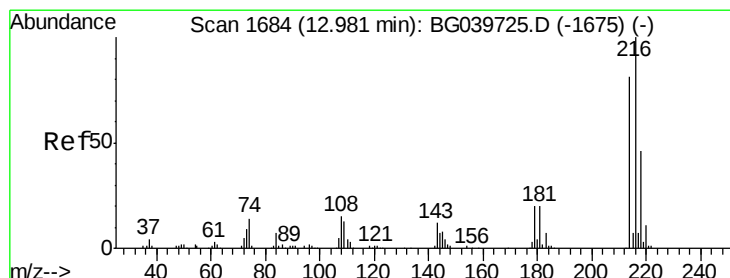
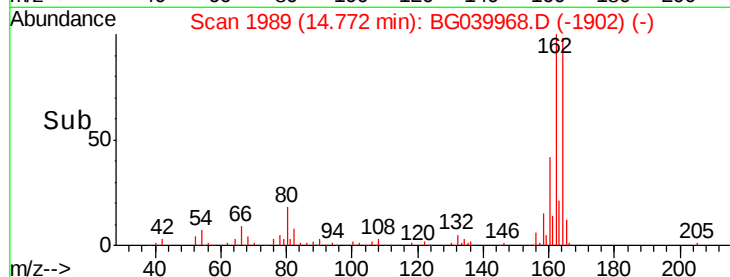
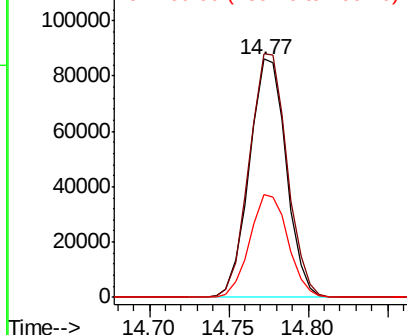


Abundance

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: 39.082 ng

RT: 12.97 min Scan# 1683

Delta R.T. -0.01 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

Tgt Ion:216 Resp: 184528

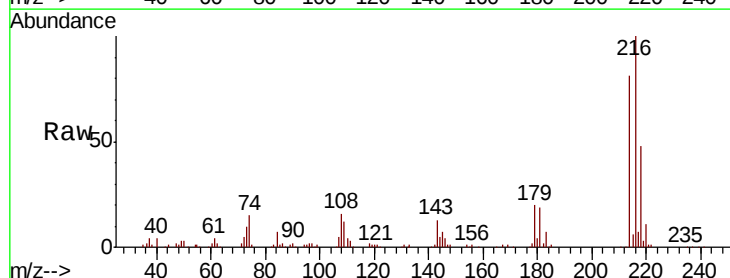
Ion Ratio Lower Upper

216 100

214 80.0 62.6 94.0

179 20.3 16.6 25.0

108 19.0 14.0 21.0



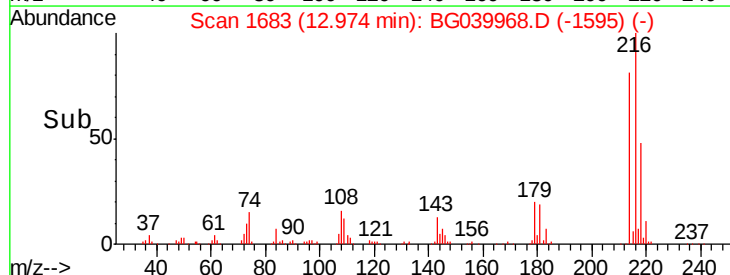
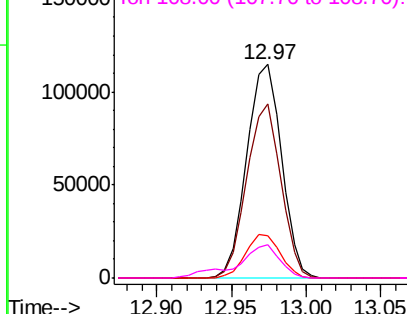
Abundance

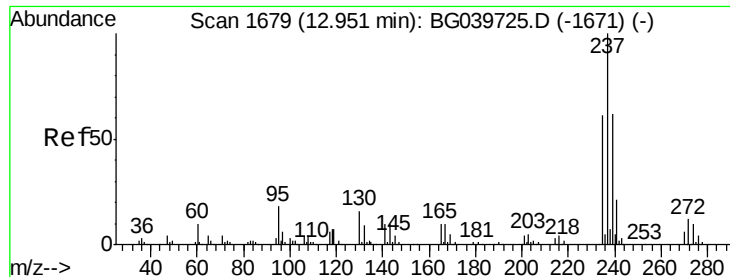
Ion 216.00 (215.70 to 216.70): E

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: 93.267 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.02 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

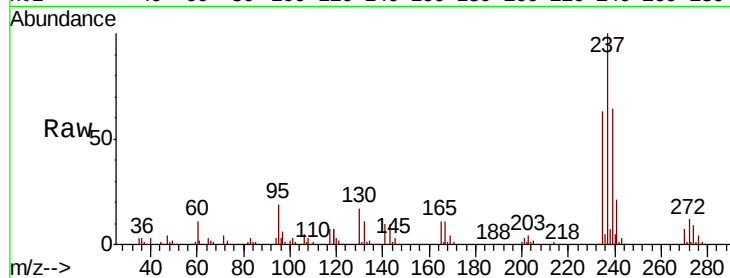
Tot Ion:237 Resp: 235994

Ion Ratio Lower Upper

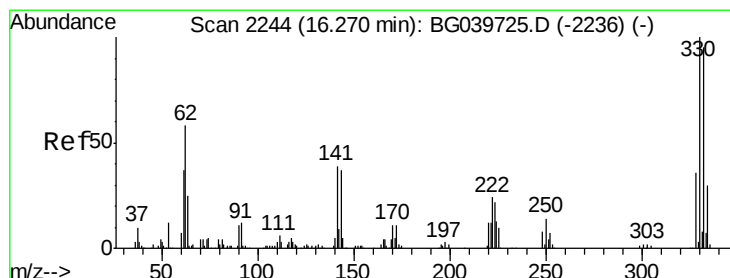
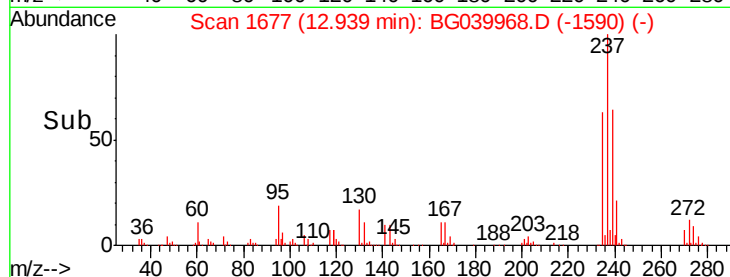
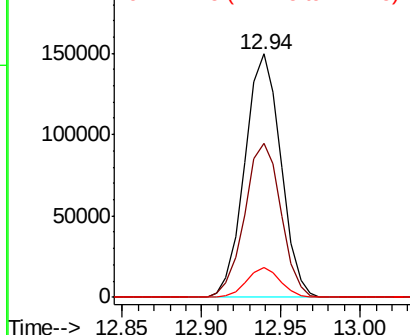
237 100

235 63.3 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: 150.435 ng

RT: 16.26 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

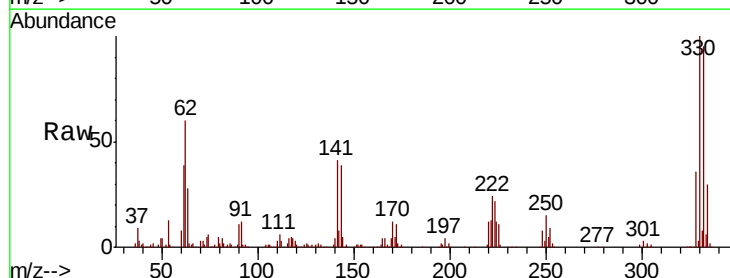
Tgt Ion:330 Resp: 244379

Ion Ratio Lower Upper

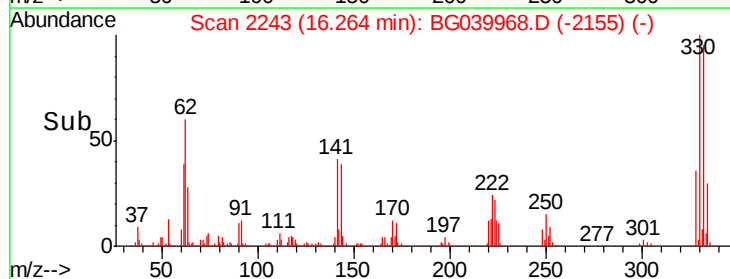
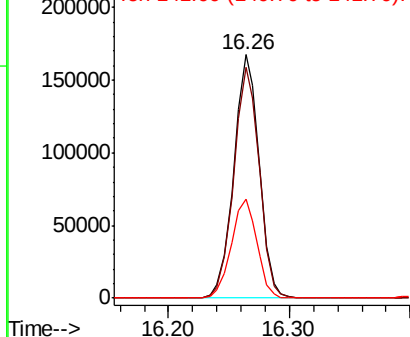
330 100

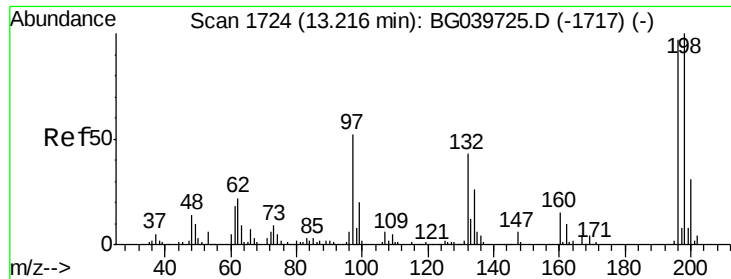
332 95.3 75.7 113.5

141 41.4 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

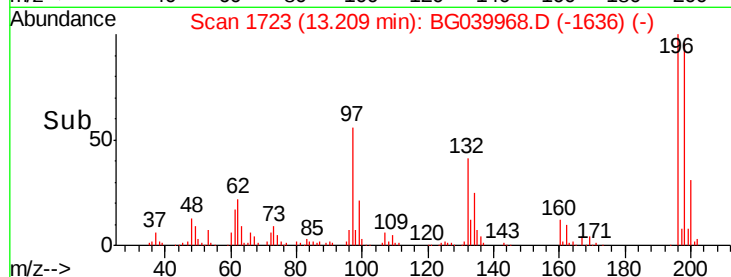
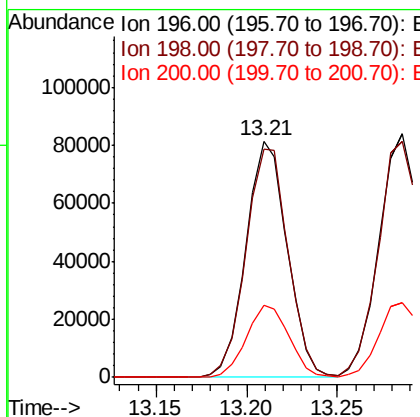
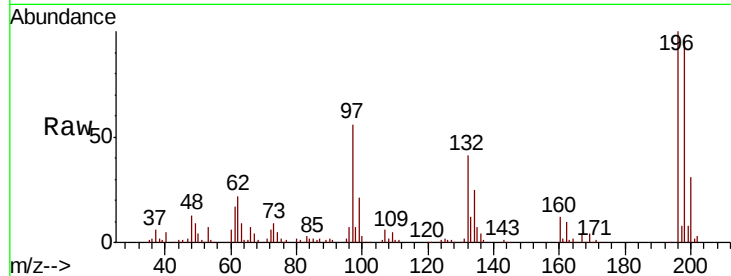




#43
 2,4,6-Trichlorophenol
 Concen: 46.646 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

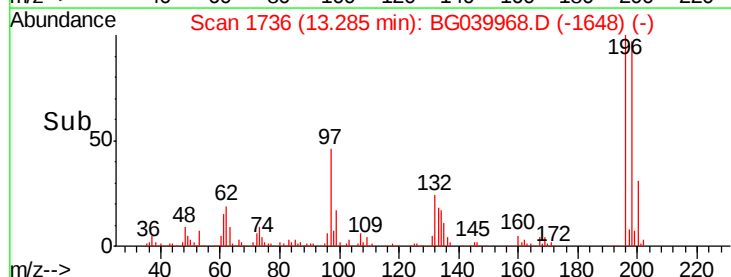
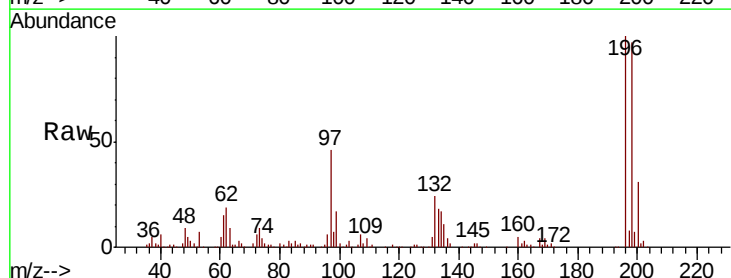
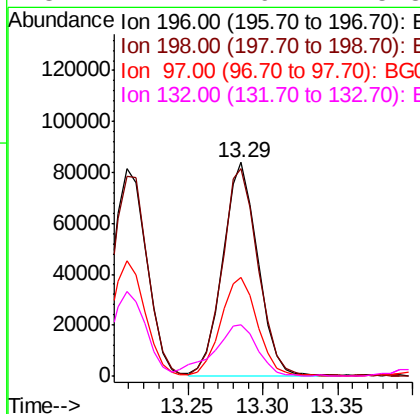
Instrument :
 BNA_G
 ClientSampled :
 TP-1MSD

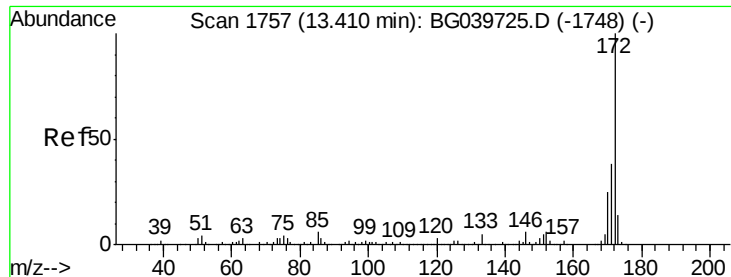
Tot Ion:196 Resp: 128941
 Ion Ratio Lower Upper
 196 100
 198 96.4 80.6 121.0
 200 30.6 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 44.172 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

Tgt Ion:196 Resp: 137632
 Ion Ratio Lower Upper
 196 100
 198 97.1 78.5 117.7
 97 45.9 38.4 57.6
 132 24.1 19.2 28.8

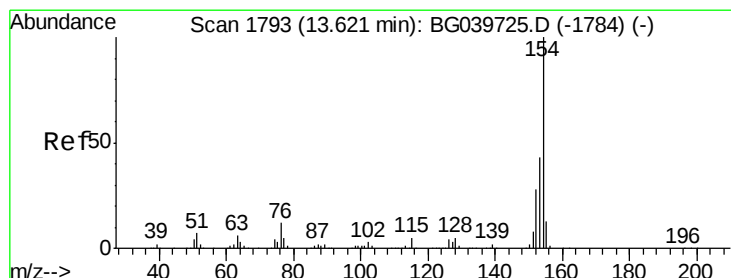
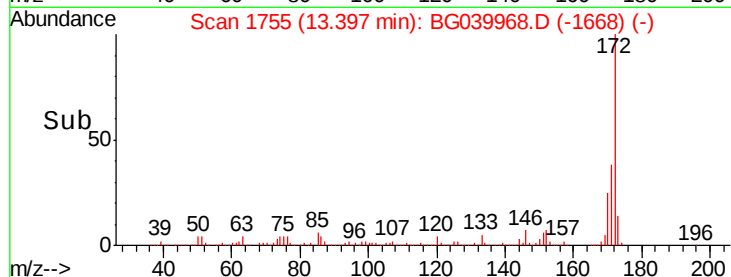
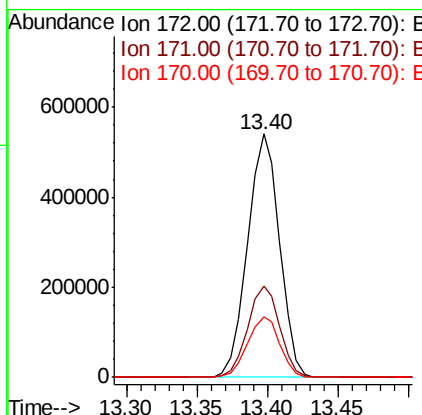
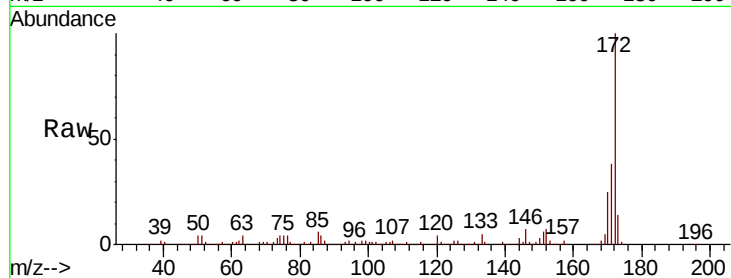




#45
 2-Fluorobiphenyl
 Concen: 87.401 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

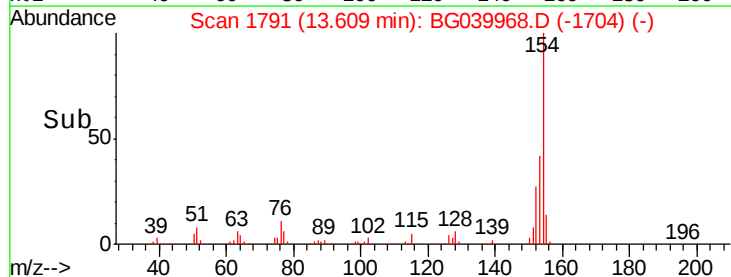
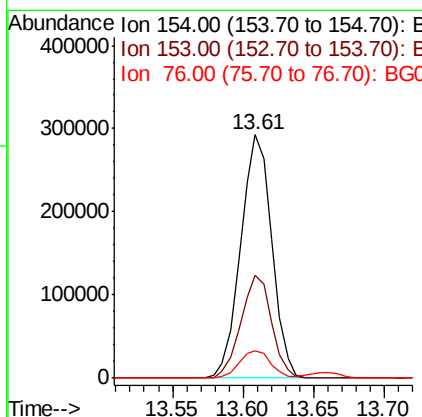
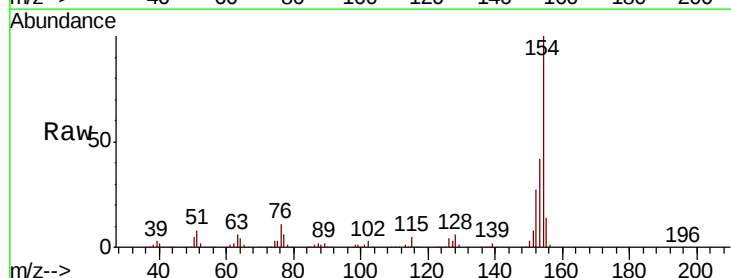
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Tot Ion:172 Resp: 855530
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.8 46.2
 170 25.1 20.2 30.4



#46
 1,1'-Biphenyl
 Concen: 39.251 ng
 RT: 13.61 min Scan# 1791
 Delta R.T. -0.02 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

Tgt Ion:154 Resp: 449938
 Ion Ratio Lower Upper
 154 100
 153 42.1 22.1 62.1
 76 11.0 0.0 32.4

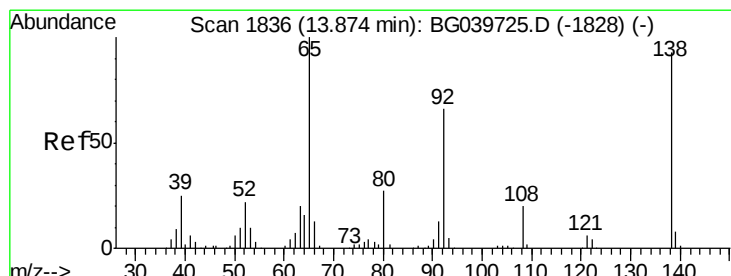
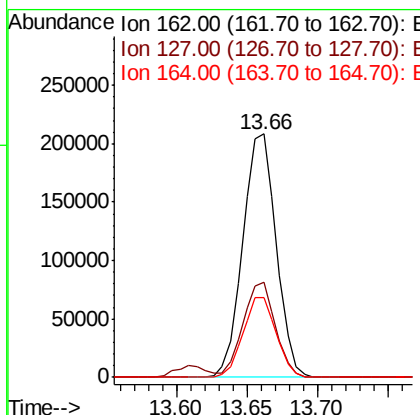
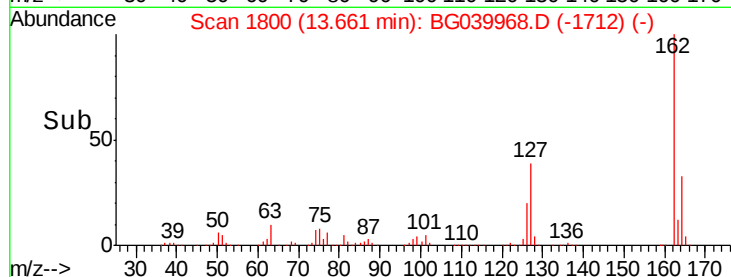
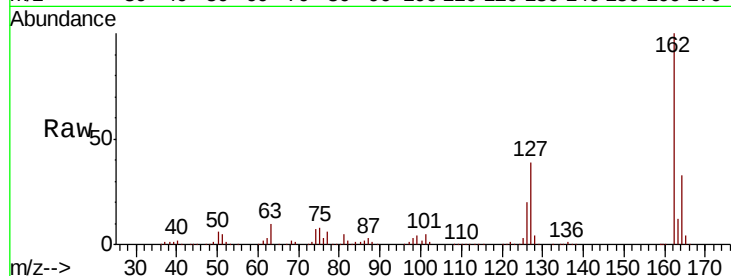




#47
 2-Chloronaphthalene
 Concen: 40.047 ng
 RT: 13.66 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

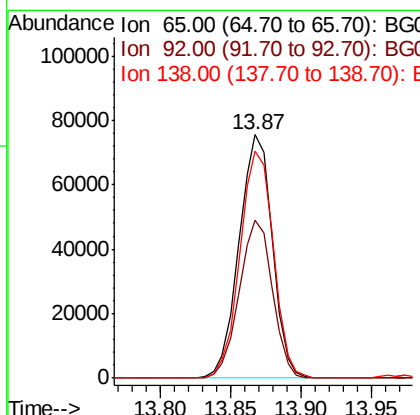
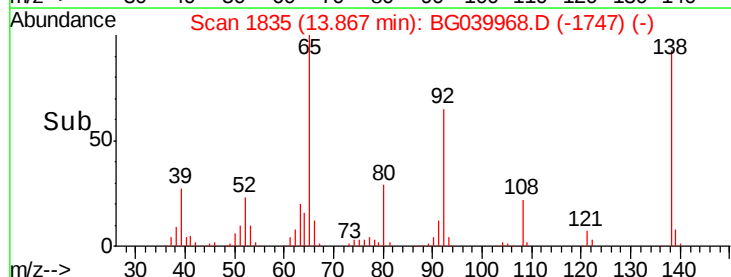
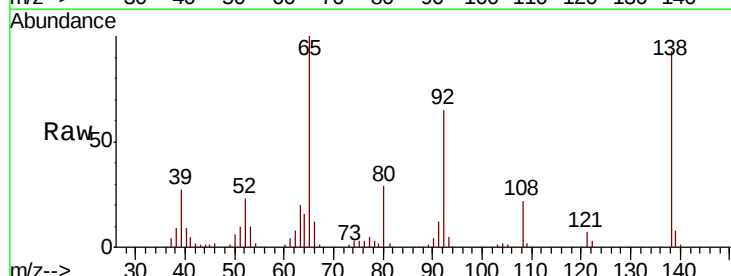
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

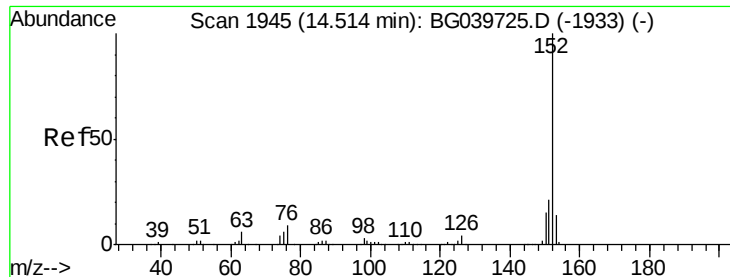
Tot Ion:162 Resp: 345347
 Ion Ratio Lower Upper
 162 100
 127 39.2 31.0 46.6
 164 32.9 25.7 38.5



#48
 2-Nitroaniline
 Concen: 44.926 ng
 RT: 13.87 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

Tgt Ion: 65 Resp: 124507
 Ion Ratio Lower Upper
 65 100
 92 65.1 51.4 77.2
 138 93.4 71.4 107.2





#49

Acenaphthylene

Concen: 39.352 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

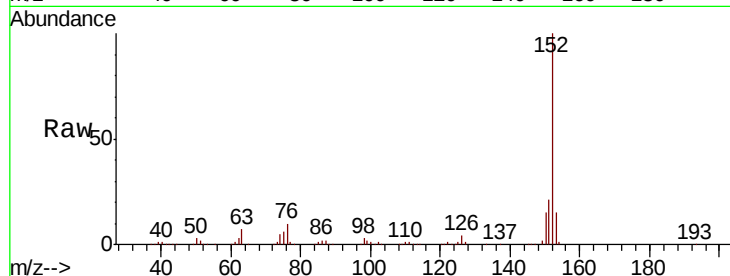
Tot Ion:152 Resp: 557096

Ion Ratio Lower Upper

152 100

151 21.1 16.8 25.2

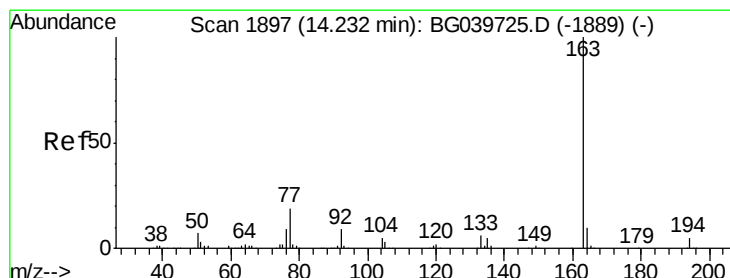
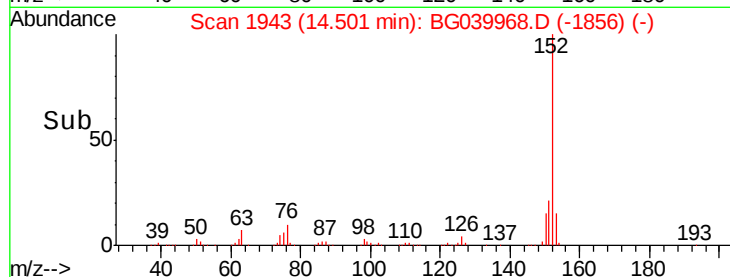
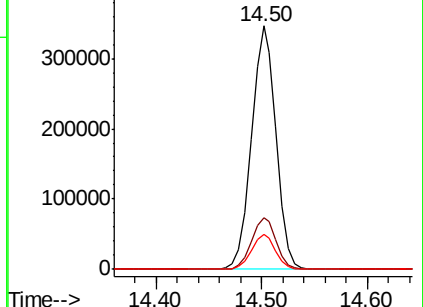
153 14.5 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.332 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

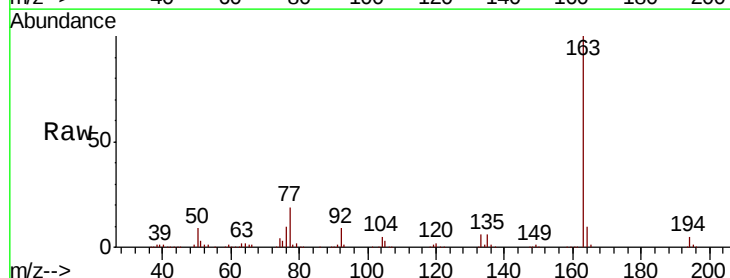
Tgt Ion:163 Resp: 470036

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

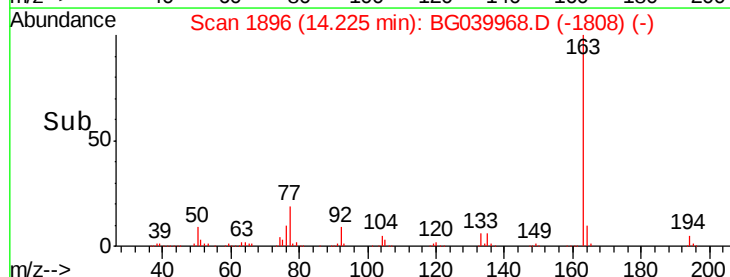
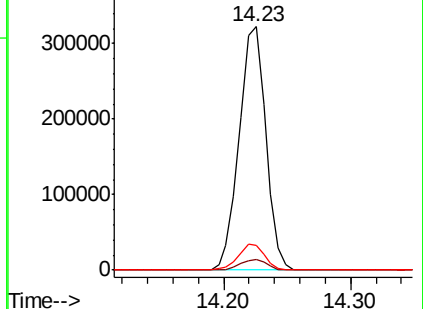
164 10.1 8.4 12.6

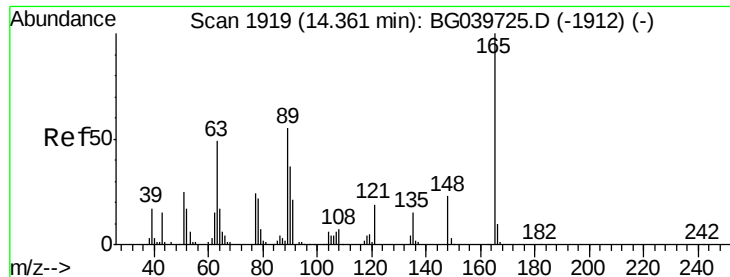


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

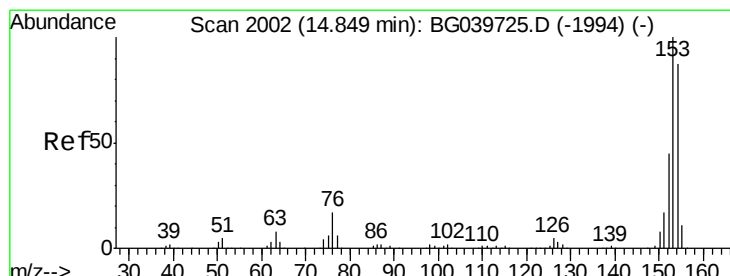
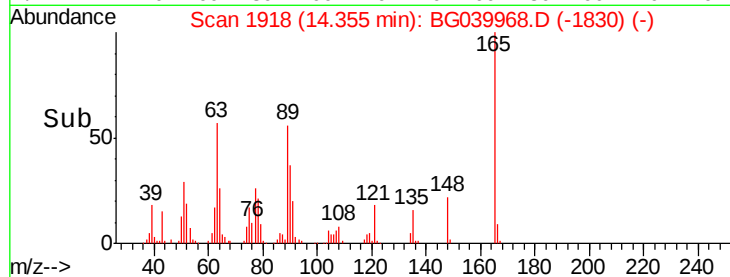
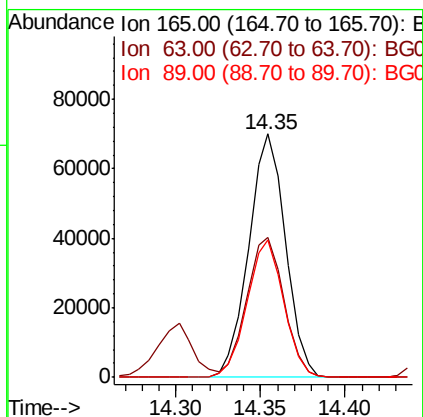
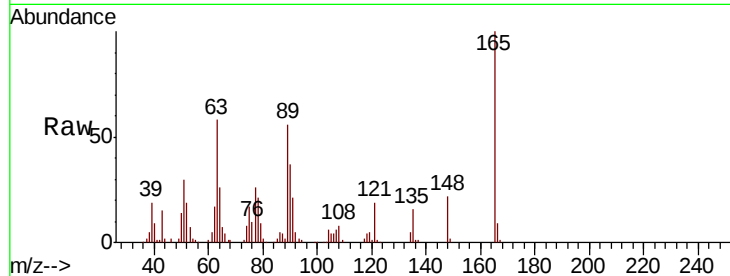




#51
 2,6-Dinitrotoluene
 Concen: 42.818 ng
 RT: 14.35 min Scan# 1918
 Delta R.T. -0.01 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

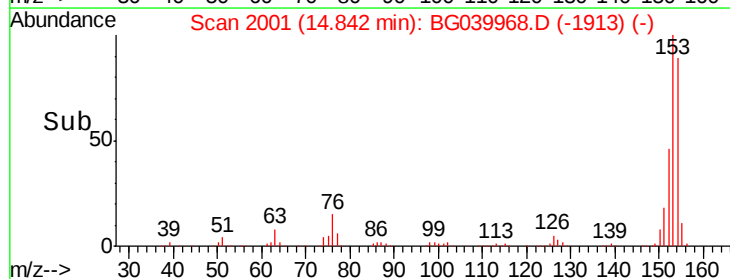
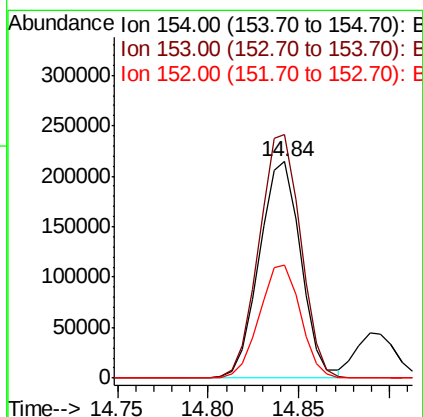
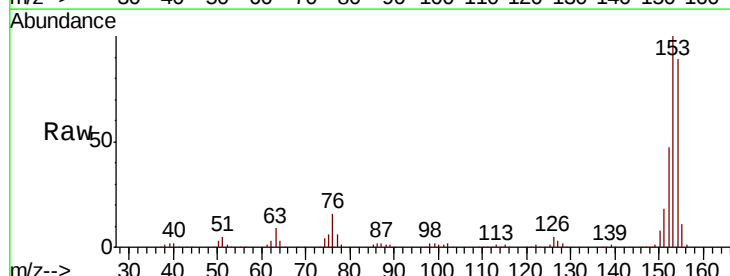
Instrument :
 BNA_G
 ClientSampled :
 TP-1MSD

Tot Ion:165 Resp: 105788
 Ion Ratio Lower Upper
 165 100
 63 57.7 47.0 70.6
 89 56.3 45.8 68.8



#52
 Acenaphthene
 Concen: 40.127 ng
 RT: 14.84 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

Tgt Ion:154 Resp: 341900
 Ion Ratio Lower Upper
 154 100
 153 112.4 90.1 135.1
 152 52.4 40.9 61.3





#53

3-Nitroaniline

Concen: 17.390 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

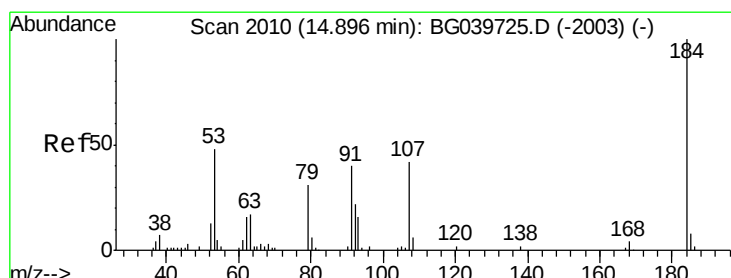
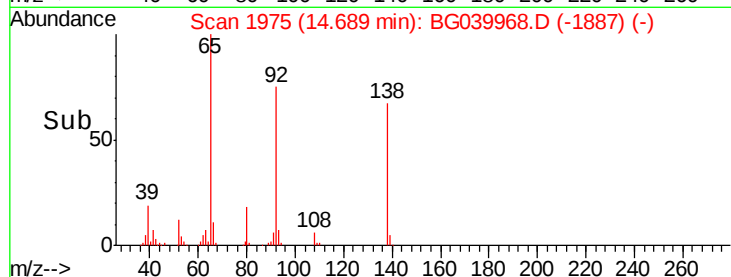
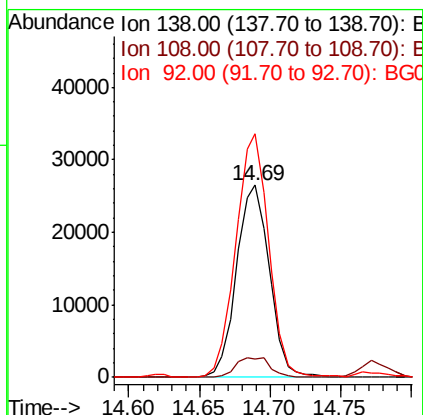
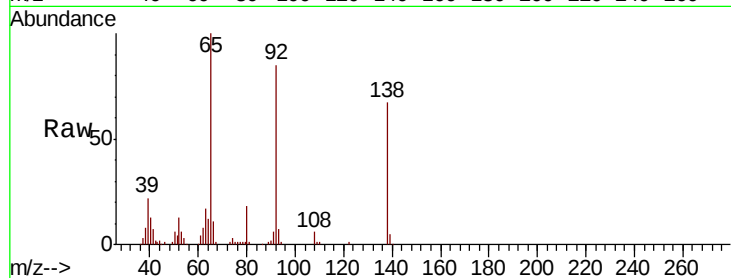
Tot Ion:138 Resp: 43189

Ion Ratio Lower Upper

138 100

108 9.6 13.8 20.8#

92 126.6 103.7 155.5



#54

2,4-Dinitrophenol

Concen: 70.879 ng

RT: 14.89 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

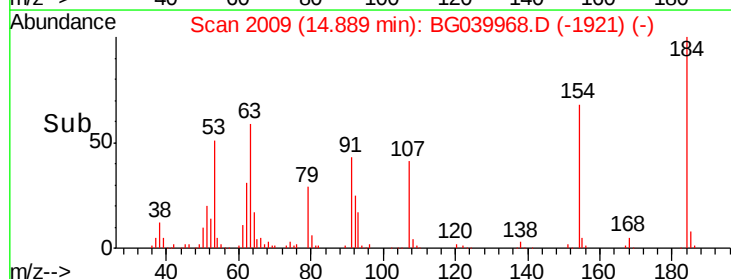
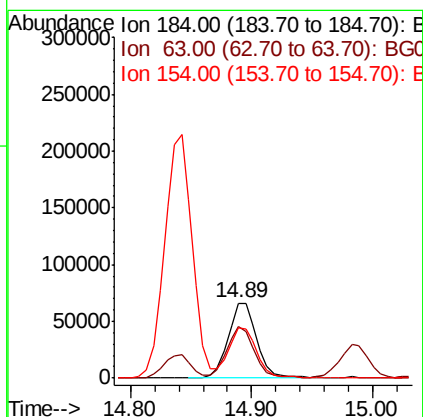
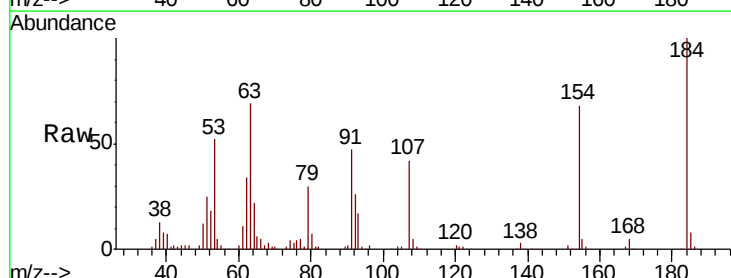
Tgt Ion:184 Resp: 109435

Ion Ratio Lower Upper

184 100

63 68.8 50.9 76.3

154 68.1 53.0 79.6





#55

Dibenzofuran

Concen: 40.219 ng

RT: 15.17 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

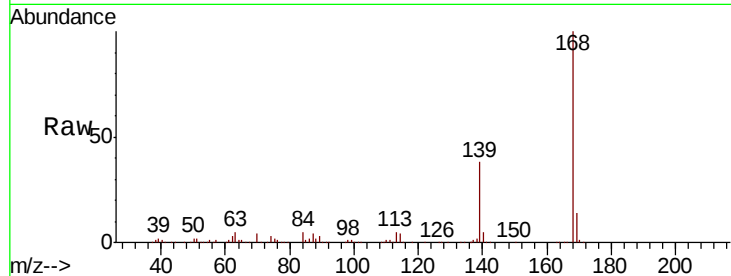
Tot Ion:168 Resp: 562249

Ion Ratio Lower Upper

168 100

139 38.2 30.1 45.1

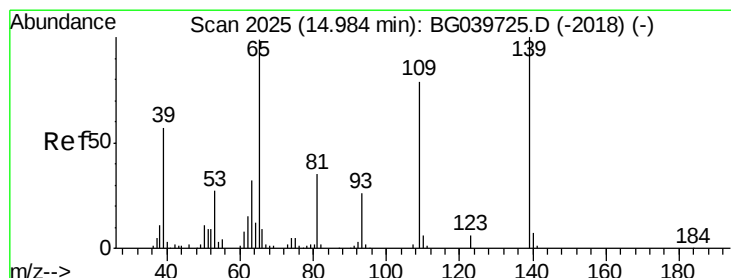
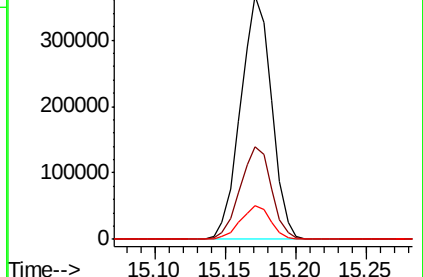
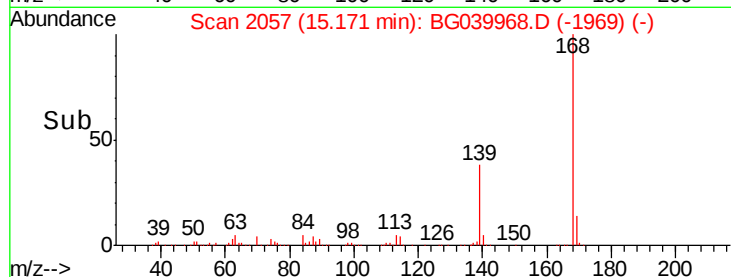
169 14.1 10.6 16.0



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: 67.072 ng

RT: 14.98 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

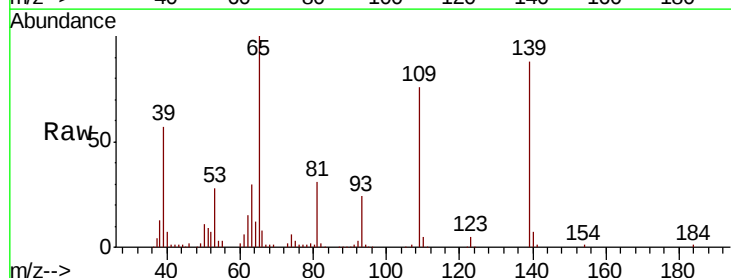
Tgt Ion:139 Resp: 149011

Ion Ratio Lower Upper

139 100

109 86.1 61.9 101.9

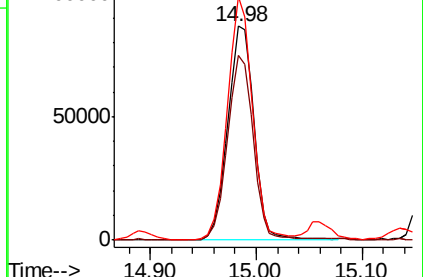
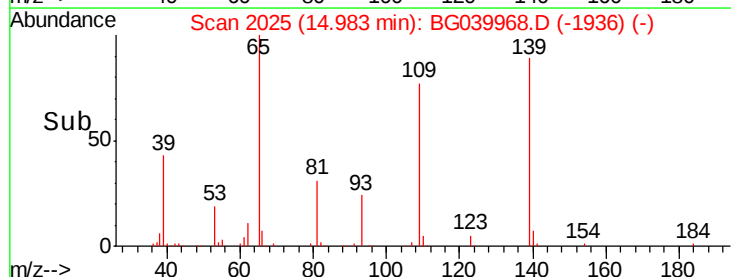
65 113.8 99.1 139.1

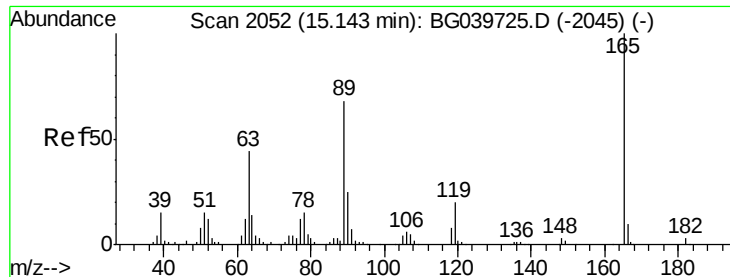


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

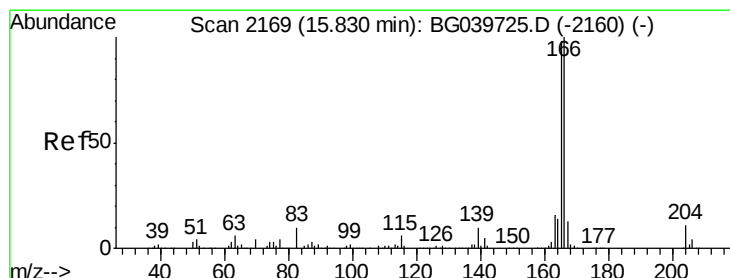
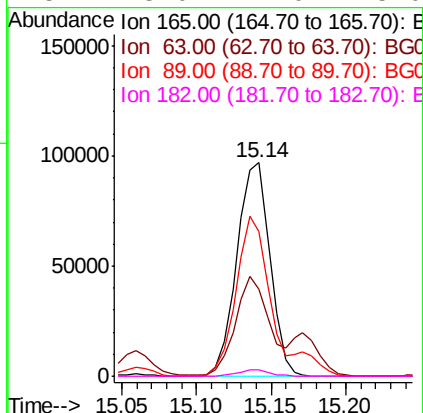
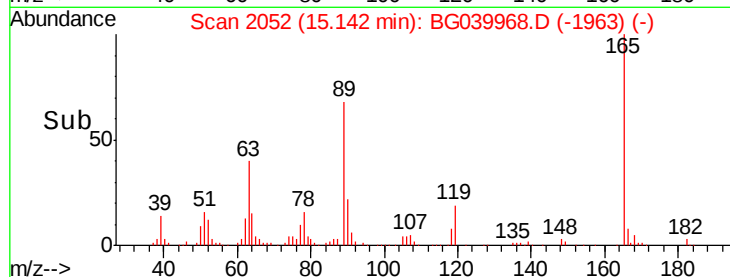
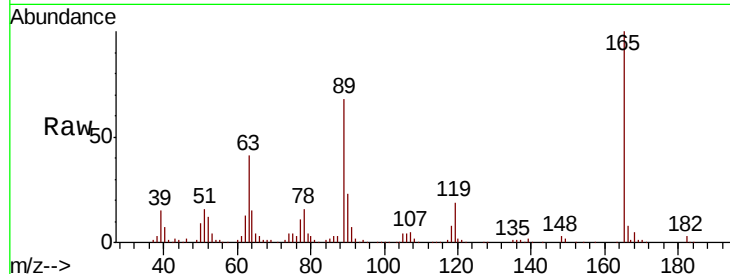




#57
 2,4-Dinitrotoluene
 Concen: 43.078 ng
 RT: 15.14 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

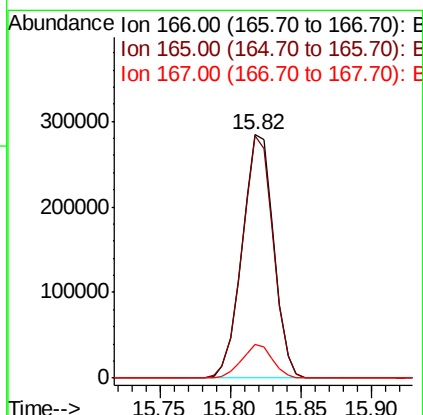
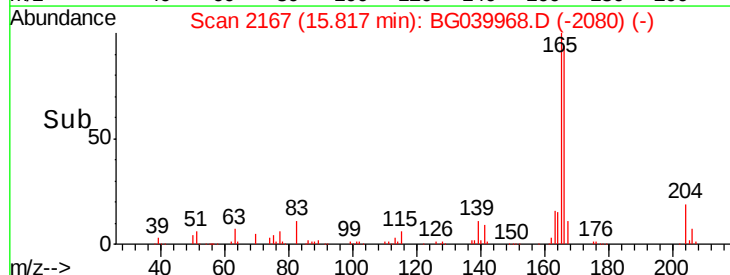
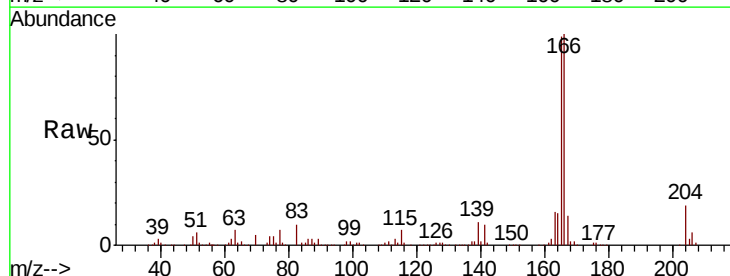
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

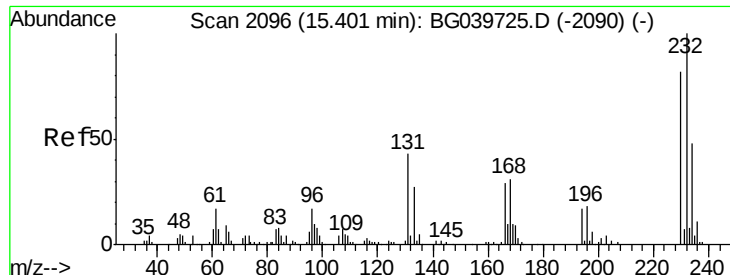
Tot Ion:165	Resp:	149545
Ion Ratio	Lower	Upper
165	100	
63	40.6	41.0 61.6#
89	67.8	64.6 96.8
182	3.0	2.0 3.0#



#58
 Fluorene
 Concen: 40.247 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.02 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

Tgt Ion:166	Resp:	442303
Ion Ratio	Lower	Upper
166	100	
165	99.3	77.9 116.9
167	13.6	10.8 16.2

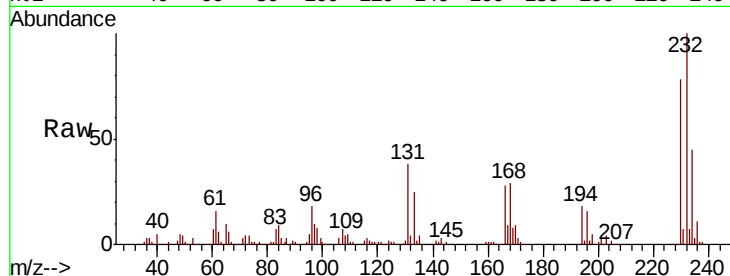




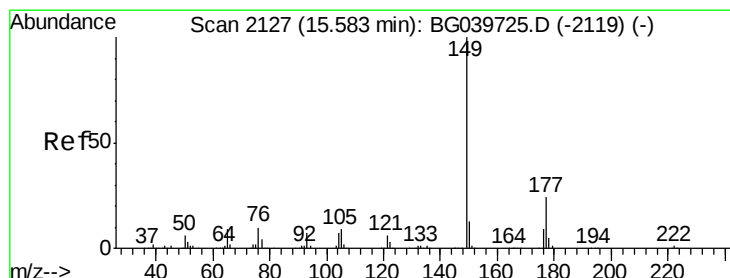
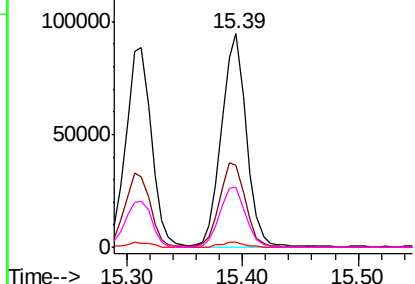
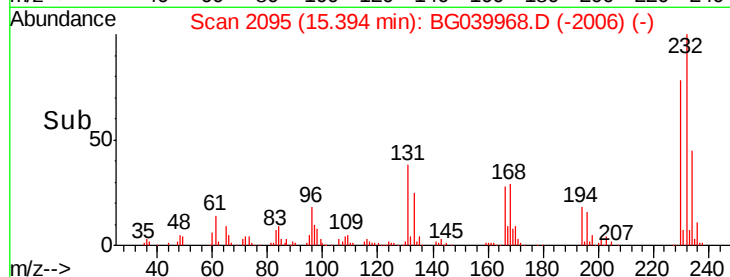
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.299 ng
 RT: 15.39 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Tot Ion:232	Resp:	140886
Ion Ratio	Lower	Upper
232	100	
131	40.8	34.9 52.3
130	2.4	2.0 3.0
166	28.8	24.1 36.1

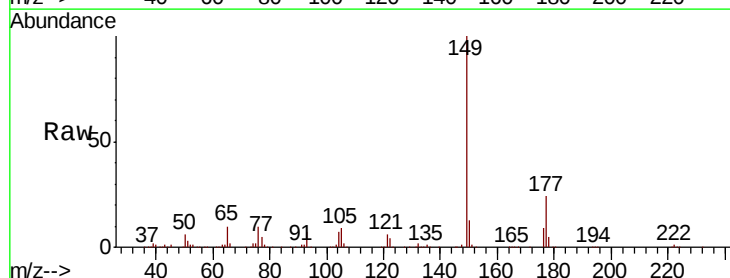


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

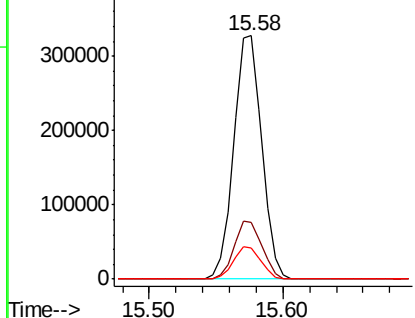
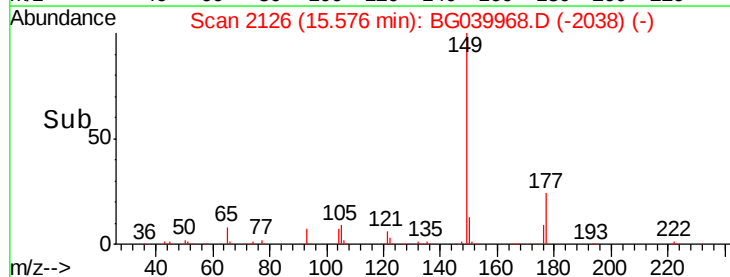


#60
 Diethylphthalate
 Concen: 41.387 ng
 RT: 15.58 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

Tgt Ion:149	Resp:	477475
Ion Ratio	Lower	Upper
149	100	
177	23.5	18.3 27.5
150	12.9	10.2 15.2



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

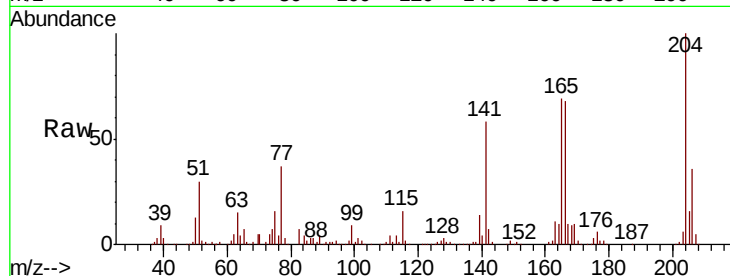




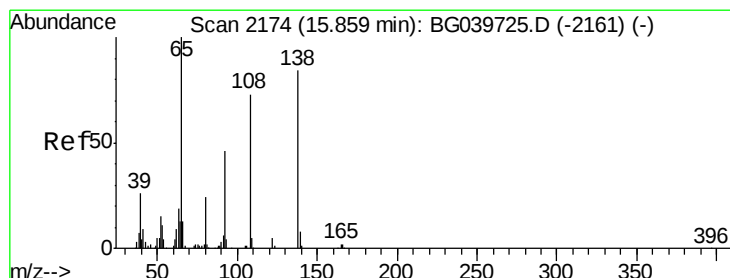
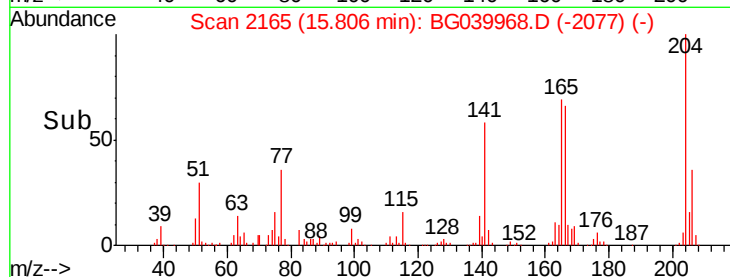
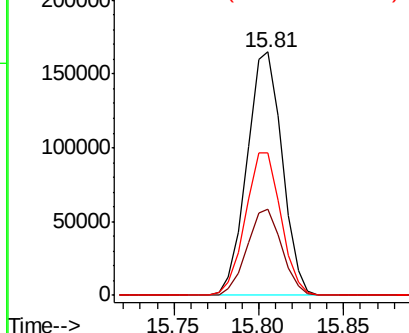
#61
4-Chlorophenyl-phenylether
Concen: 40.876 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion:204 Resp: 239715
Ion Ratio Lower Upper
204 100
206 35.5 29.2 43.8
141 58.3 49.0 73.4

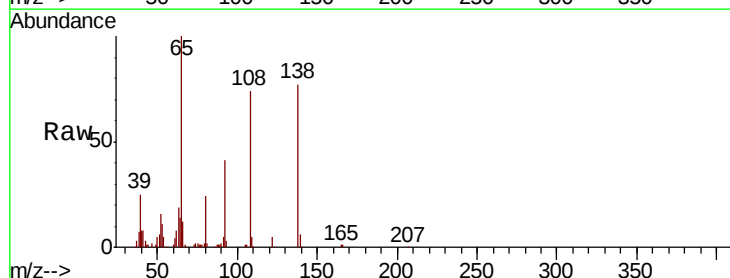


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

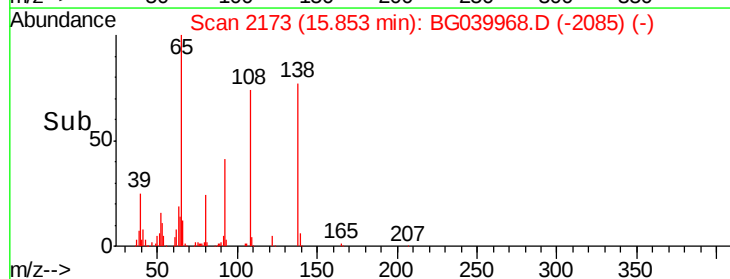
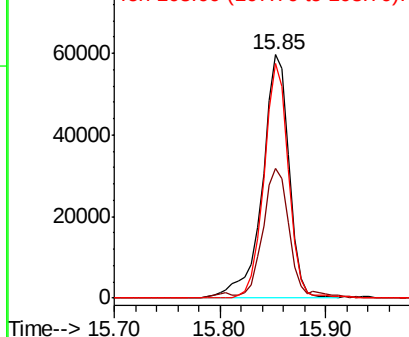


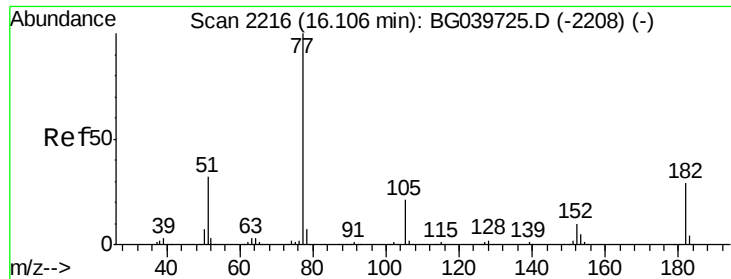
#62
4-Nitroaniline
Concen: 38.911 ng
RT: 15.85 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Tgt Ion:138 Resp: 104764
Ion Ratio Lower Upper
138 100
92 53.2 38.7 78.7
108 96.2 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

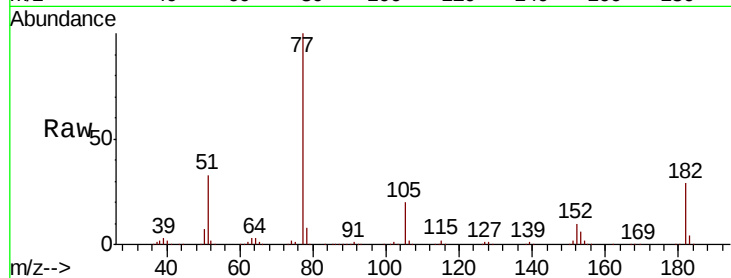




#63
Azobenzene
Concen: 41.484 ng
RT: 16.10 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.6	6.4	46.4
105	19.9	0.0	39.8
51	32.8	14.1	54.1



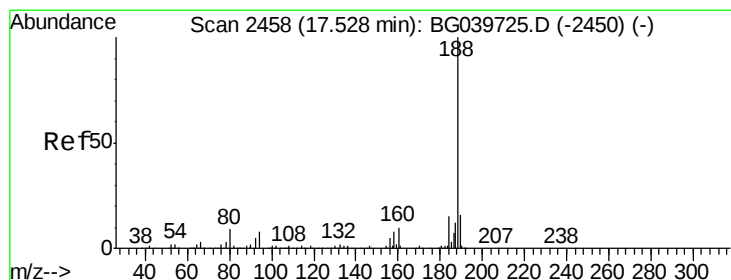
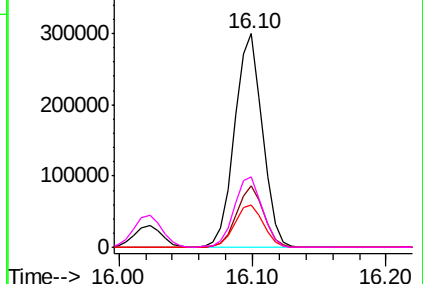
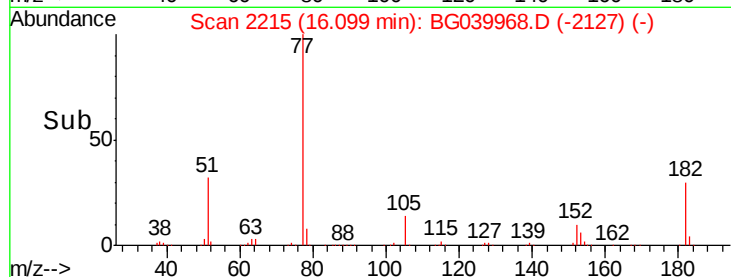
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

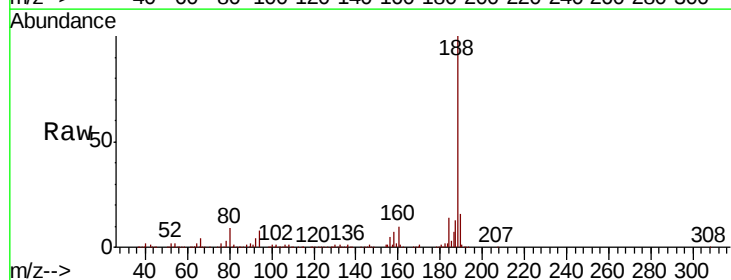
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.9	10.3
80	8.9	8.1	12.1

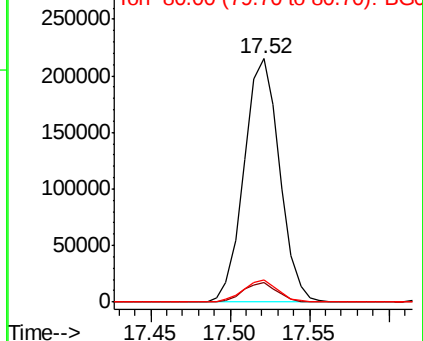
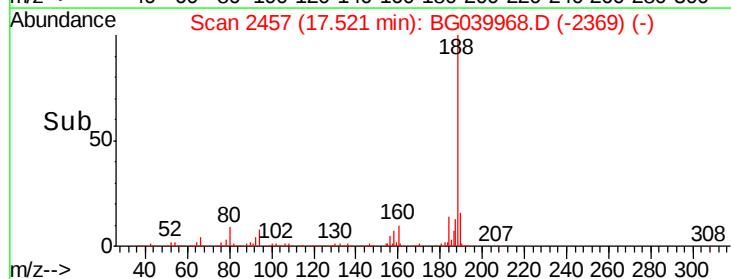


Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 42.984 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

Instrument :

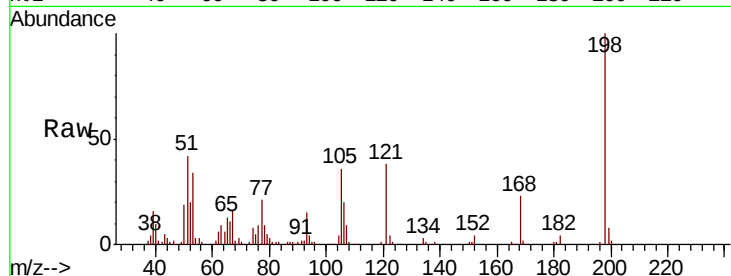
BNA_G

ClientSampleId :

TP-1MSD

Tot Ion:198 Resp: 85110

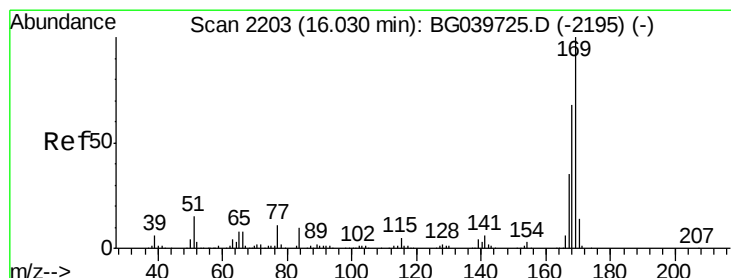
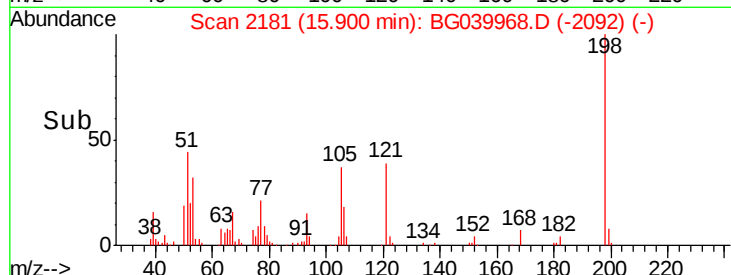
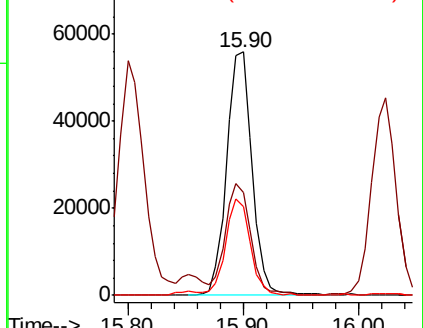
Ion	Ratio	Lower	Upper
198	100		
51	42.3	27.4	67.4
105	36.4	19.7	59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039968.D (-2092) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.668 ng

RT: 16.02 min Scan# 2202

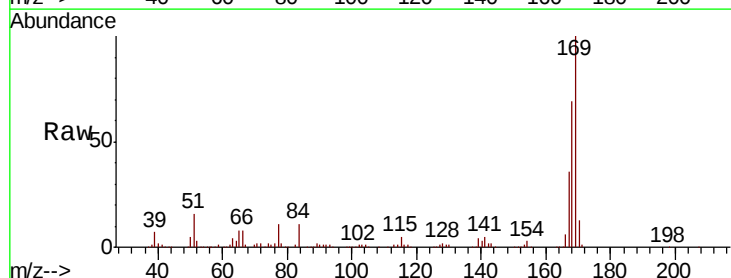
Delta R.T. -0.01 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

Tgt Ion:169 Resp: 413660

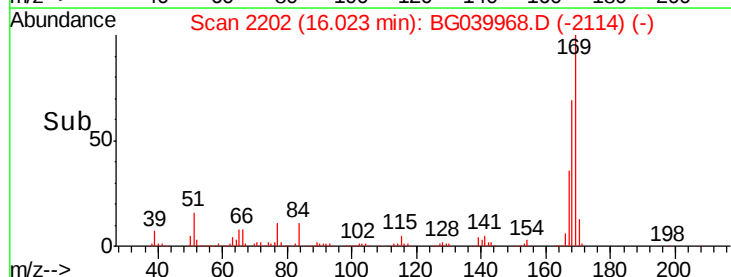
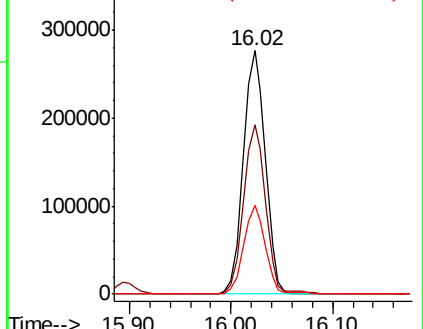
Ion	Ratio	Lower	Upper
169	100		
168	69.3	56.6	85.0
167	36.3	28.8	43.2



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

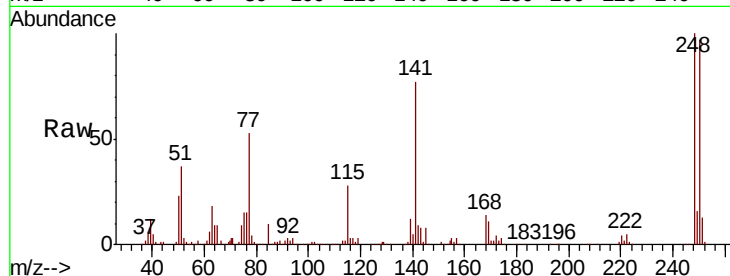




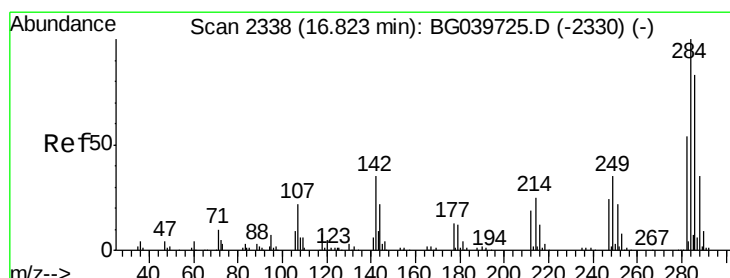
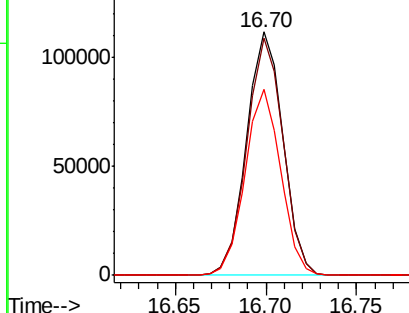
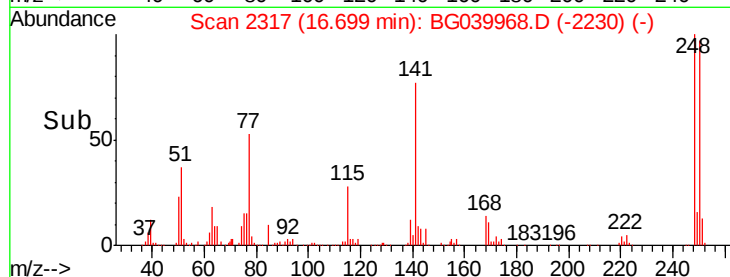
#67
 4-Bromophenyl-phenylether
 Concen: 41.752 ng
 RT: 16.70 min Scan# 2317
 Delta R.T. -0.02 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

Instrument :
 BNA_G
 ClientSampled :
 TP-1MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.6	116.4
141	76.6	63.9	95.9

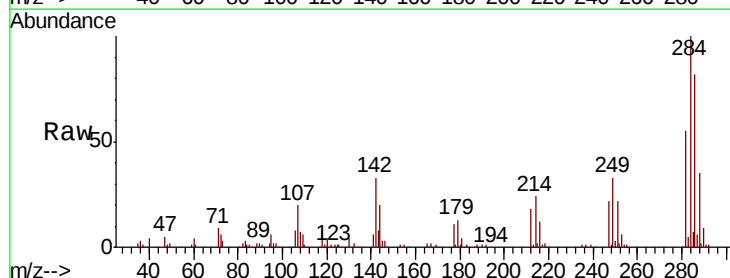


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

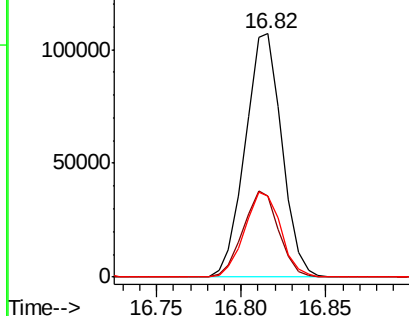
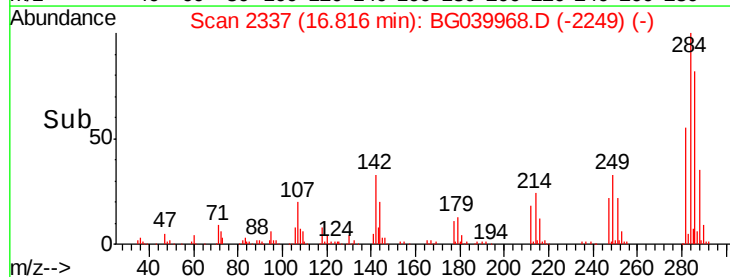


#68
 Hexachlorobenzene
 Concen: 41.528 ng
 RT: 16.82 min Scan# 2337
 Delta R.T. -0.01 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.3	30.6	45.8
249	33.2	28.2	42.2



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

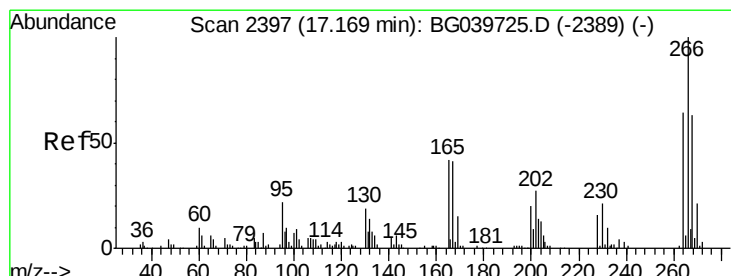
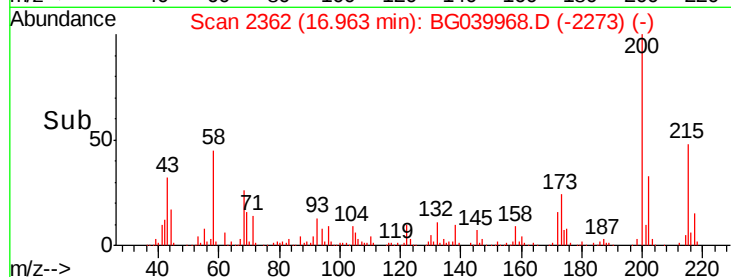
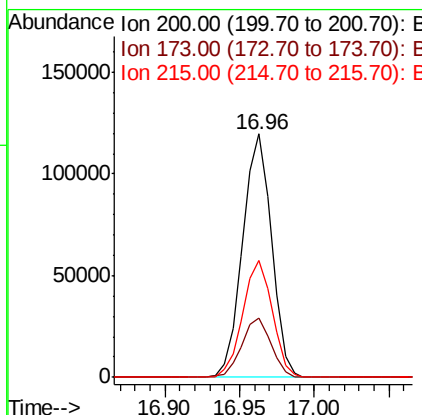
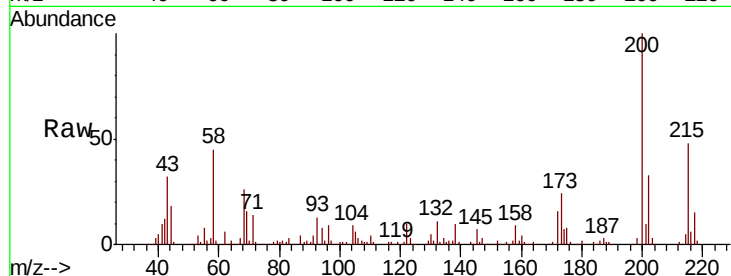




#69
 Atrazine
 Concen: 42.002 ng
 RT: 16.96 min Scan# 2362
 Delta R.T. -0.01 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

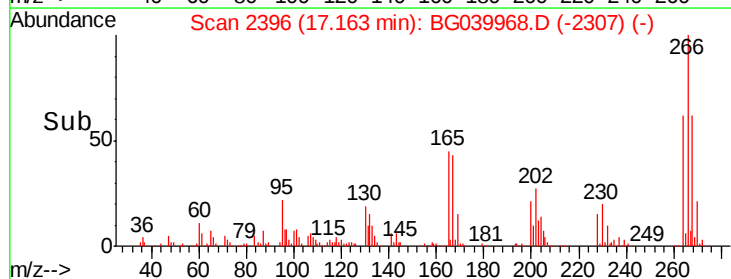
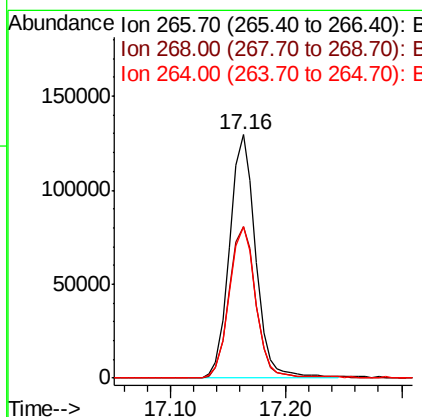
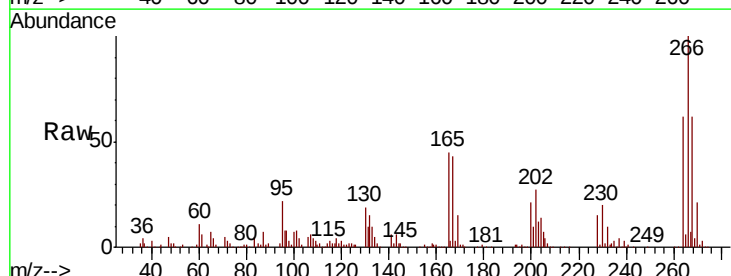
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

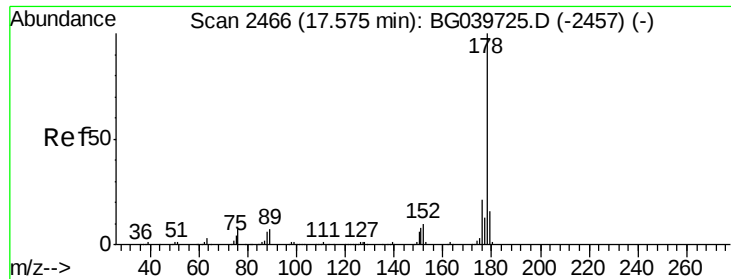
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.3	3.9	43.9
215	48.2	30.9	70.9



#70
 Pentachlorophenol
 Concen: 82.774 ng
 RT: 17.16 min Scan# 2396
 Delta R.T. -0.01 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.5	51.1	76.7
264	62.2	52.1	78.1

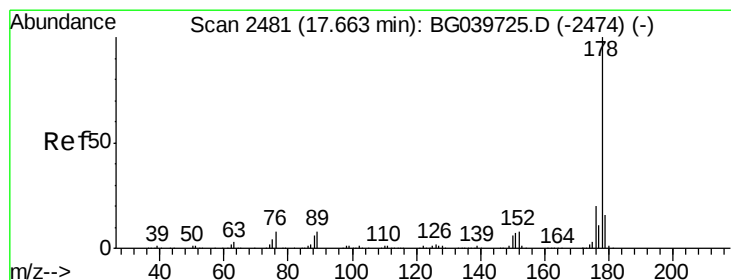
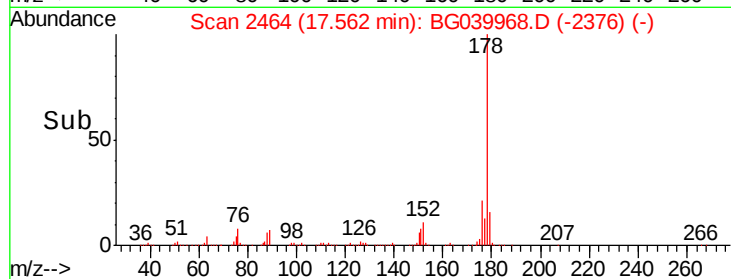
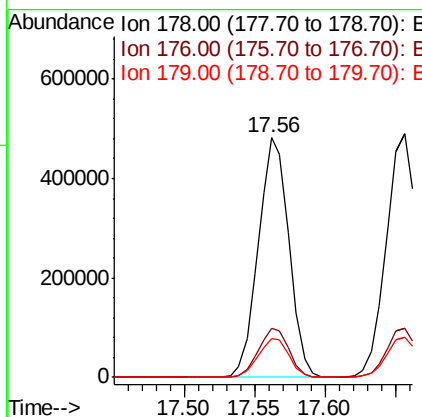
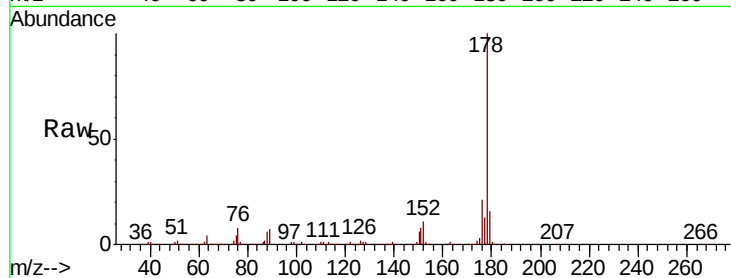




#71
Phenanthrene
Concen: 39.818 ng
RT: 17.56 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

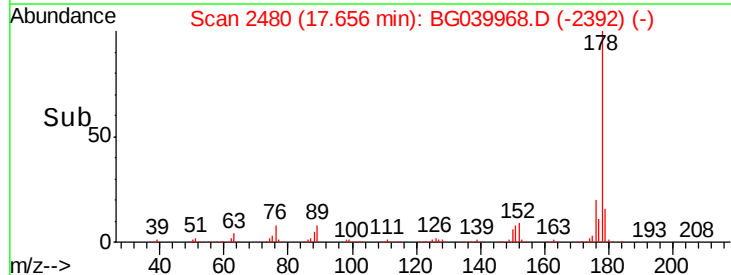
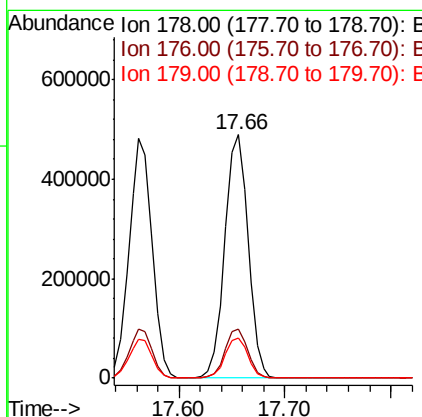
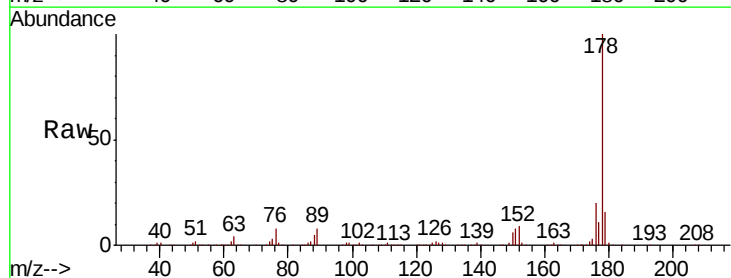
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion:178 Resp: 734463
Ion Ratio Lower Upper
178 100
176 20.7 16.2 24.4
179 16.3 12.6 19.0



#72
Anthracene
Concen: 41.621 ng
RT: 17.66 min Scan# 2480
Delta R.T. -0.01 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Tgt Ion:178 Resp: 748142
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.6
179 16.3 12.5 18.7

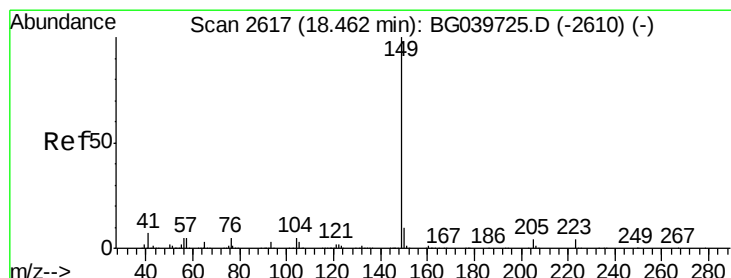
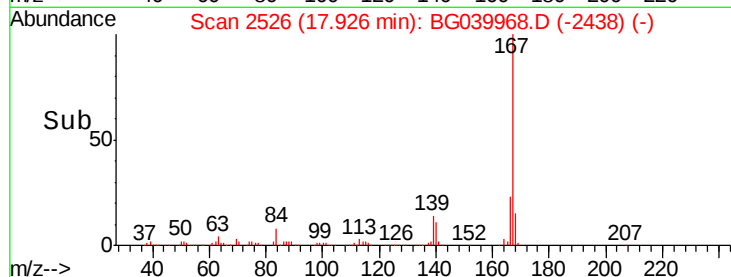
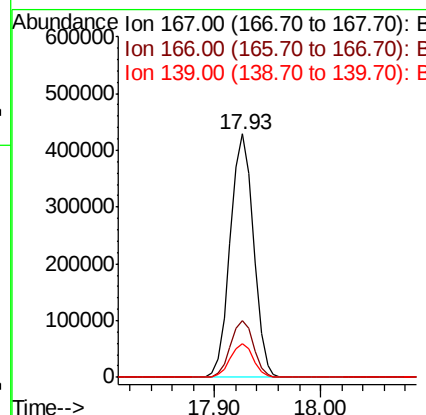
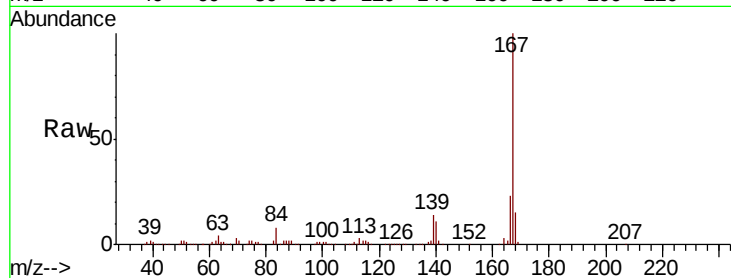




#73
 Carbazole
 Concen: 40.274 ng
 RT: 17.93 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

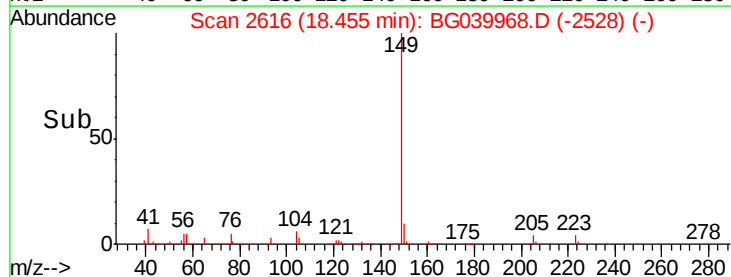
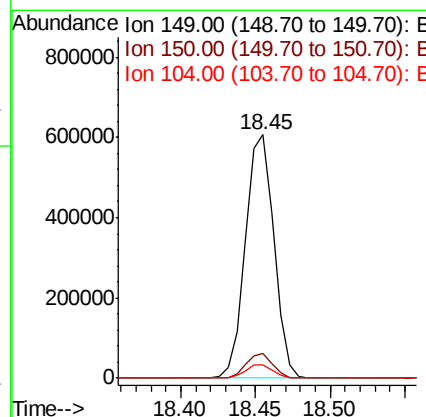
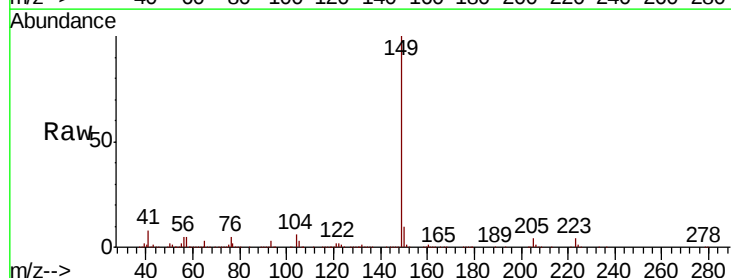
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

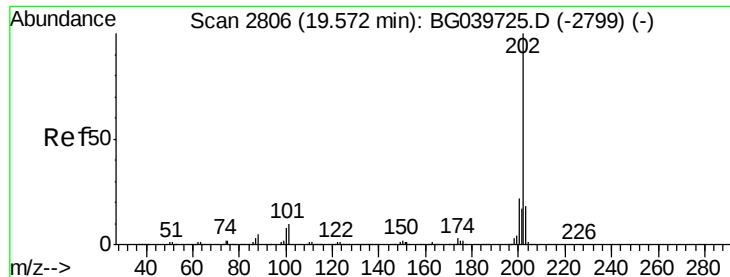
Tot Ion:167 Resp: 652634
 Ion Ratio Lower Upper
 167 100
 166 23.4 19.4 29.2
 139 13.8 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 41.928 ng
 RT: 18.45 min Scan# 2616
 Delta R.T. -0.01 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

Tgt Ion:149 Resp: 799399
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.7 11.5
 104 5.6 4.5 6.7





#75

Fluoranthene

Concen: 39.583 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

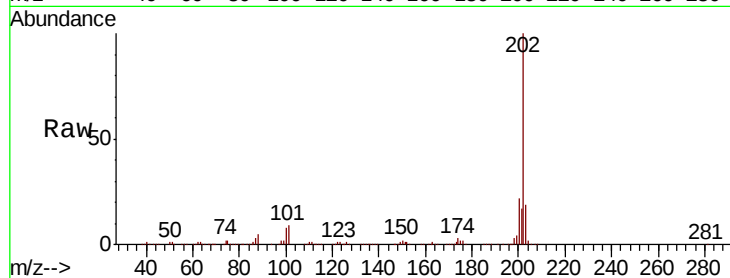
Tot Ion:202 Resp: 862890

Ion Ratio Lower Upper

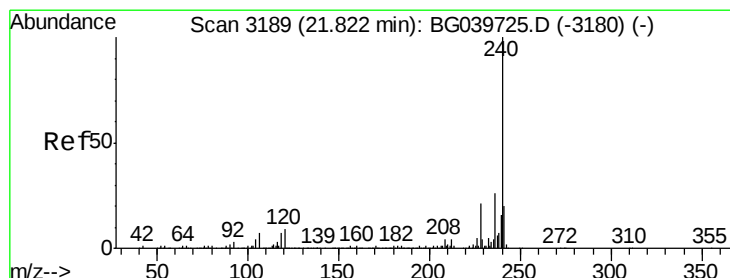
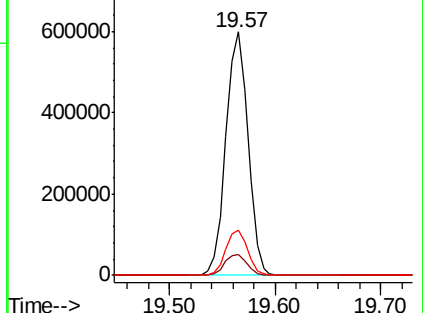
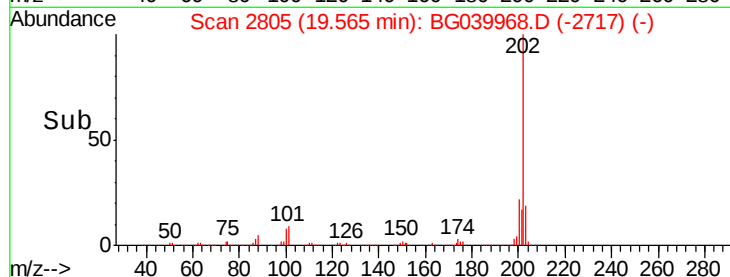
202 100

101 8.8 0.0 30.0

203 18.6 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E
800000 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: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

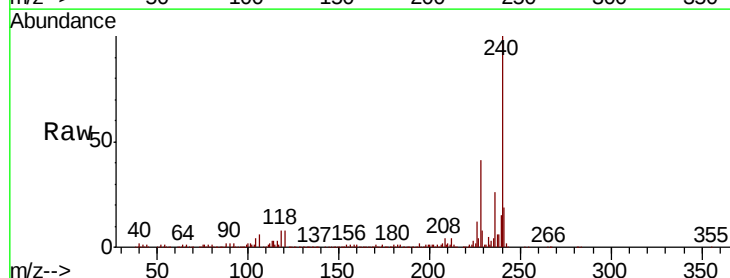
Tgt Ion:240 Resp: 324721

Ion Ratio Lower Upper

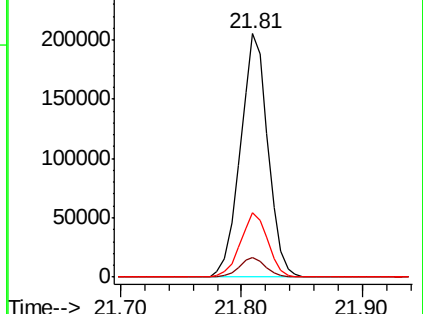
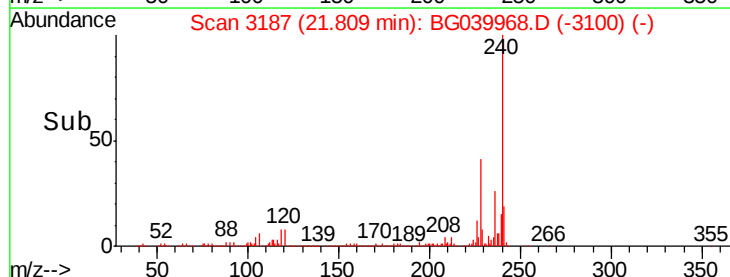
240 100

120 8.1 7.0 10.6

236 26.4 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E
250000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 4.310 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

Instrument :

BNA_G

ClientSampled :

TP-1MSD

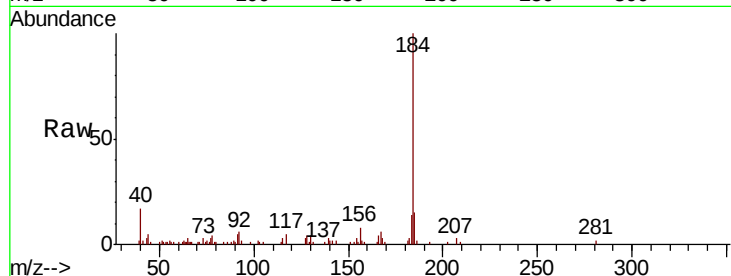
Tot Ion:184 Resp: 44414

Ion Ratio Lower Upper

184 100

185 15.2 12.2 18.2

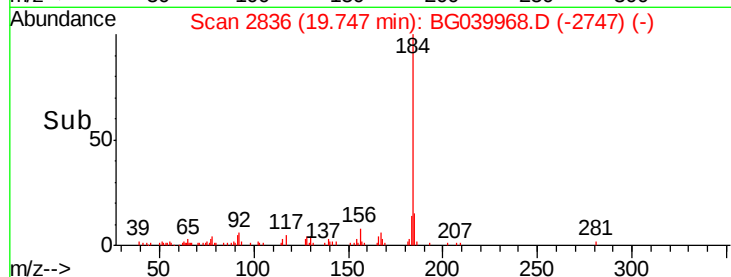
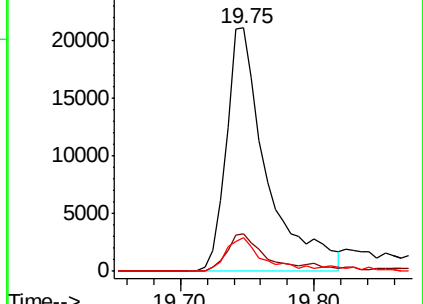
183 13.9 10.6 15.8



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: 41.476 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

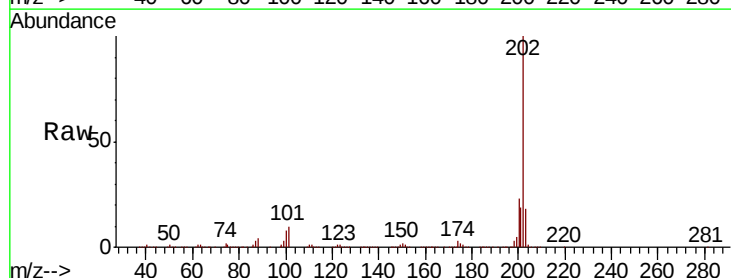
Tgt Ion:202 Resp: 875161

Ion Ratio Lower Upper

202 100

200 23.0 17.8 26.8

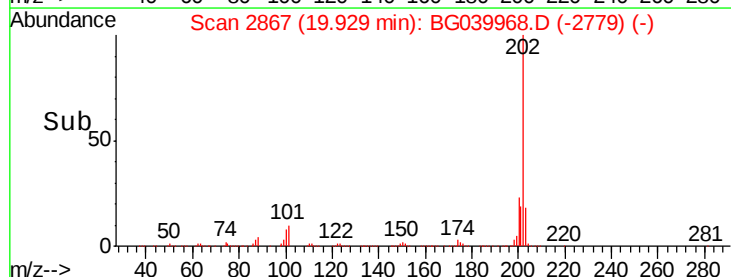
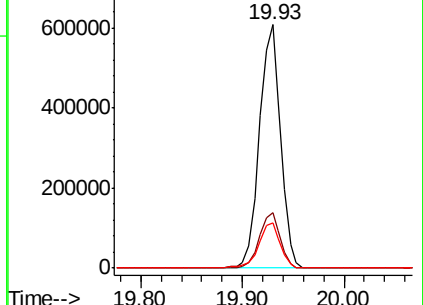
203 18.4 15.3 22.9

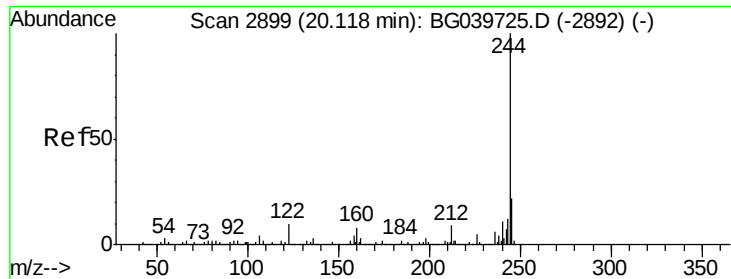


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 89.436 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

Instrument :

BNA_G

ClientSampled :

TP-1MSD

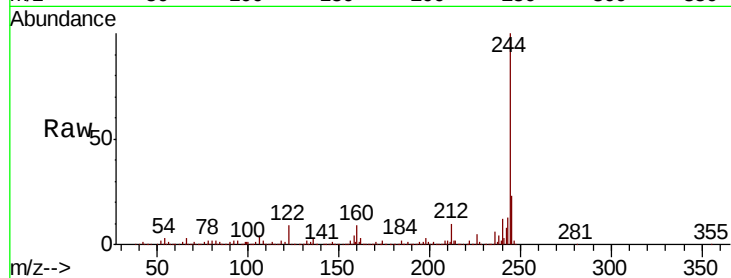
Tot Ion:244 Resp: 1318996

Ion Ratio Lower Upper

244 100

212 9.5 7.3 10.9

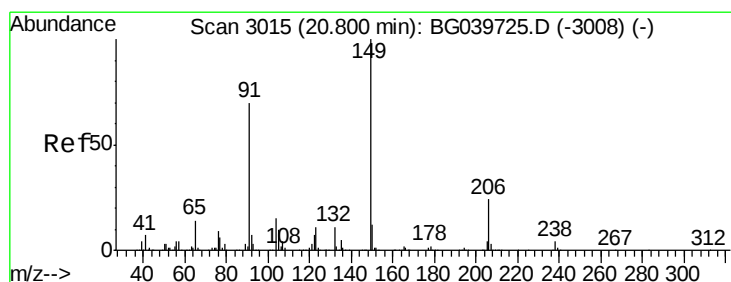
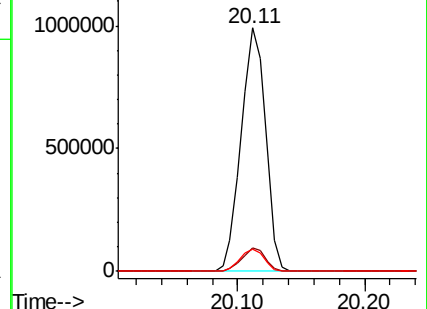
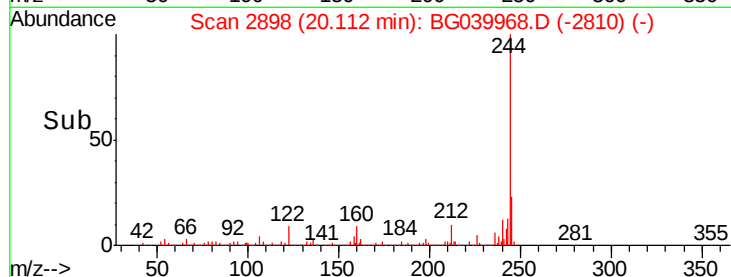
122 9.1 8.4 12.6



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: 45.276 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

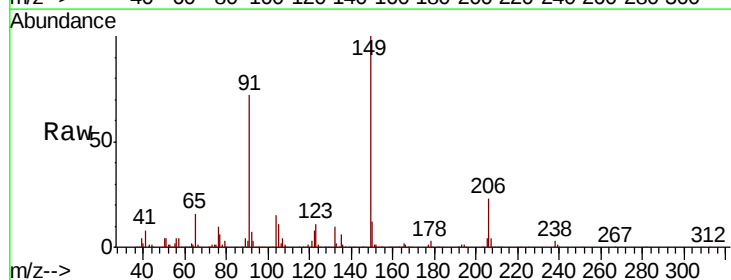
Tgt Ion:149 Resp: 370126

Ion Ratio Lower Upper

149 100

91 72.4 59.5 89.3

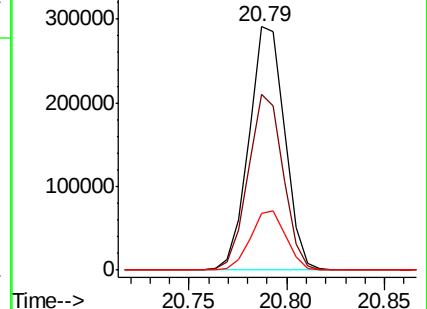
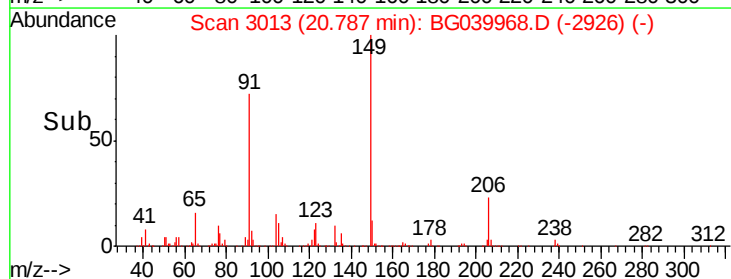
206 23.2 18.6 27.8



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: 40.788 ng

RT: 21.79 min Scan# 3183

Delta R.T. -0.02 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

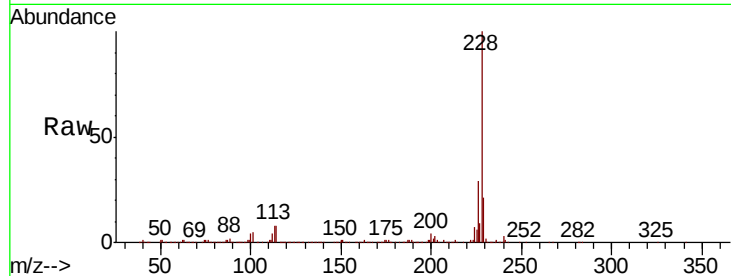
Tot Ion:228 Resp: 830079

Ion Ratio Lower Upper

228 100

226 28.9 23.0 34.6

229 21.0 16.9 25.3

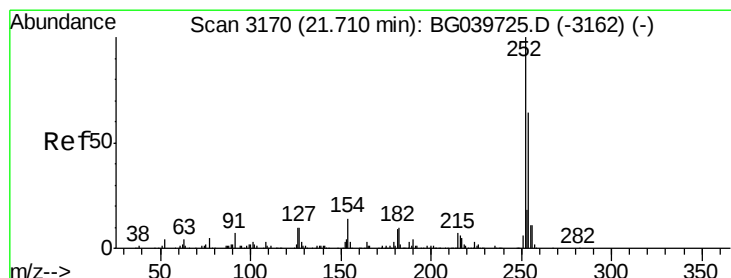
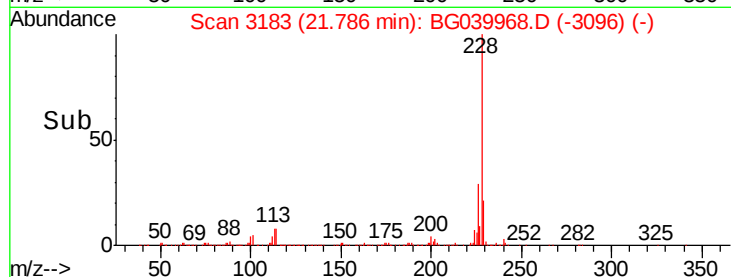
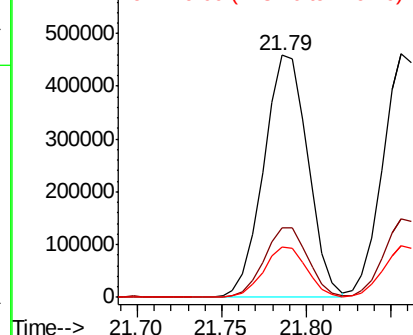


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 20.991 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.02 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

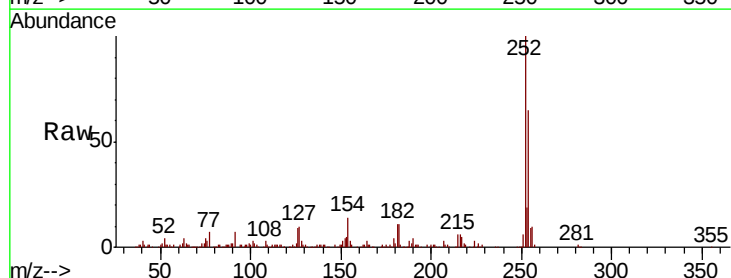
Tgt Ion:252 Resp: 155968

Ion Ratio Lower Upper

252 100

254 64.5 51.3 76.9

126 8.7 8.0 12.0

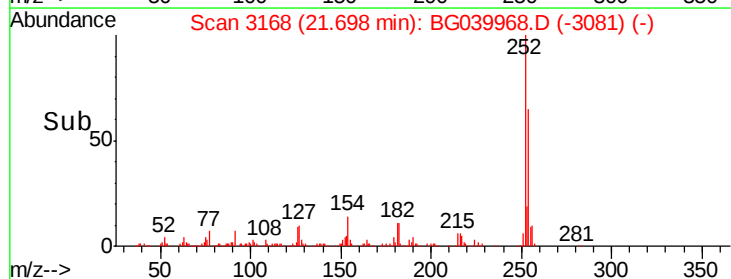
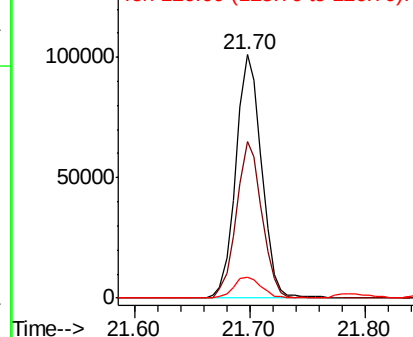


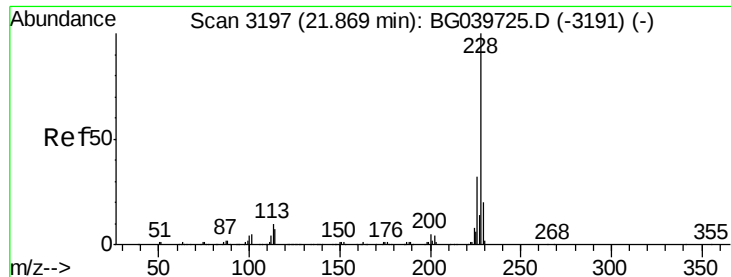
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.606 ng

RT: 21.86 min Scan# 3195

Delta R.T. -0.02 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

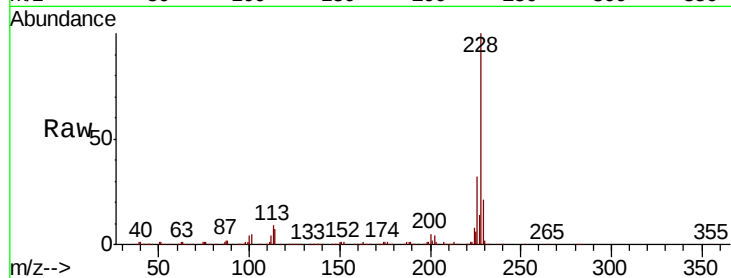
Tot Ion:228 Resp: 801155

Ion Ratio Lower Upper

228 100

226 32.4 25.8 38.6

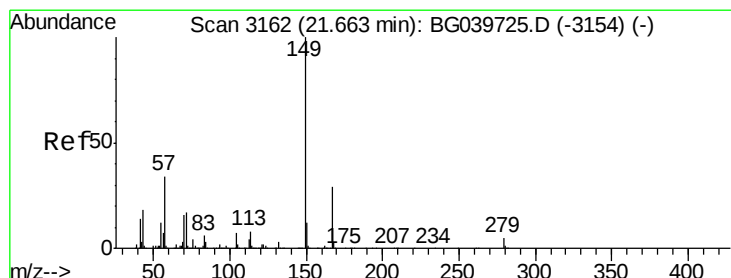
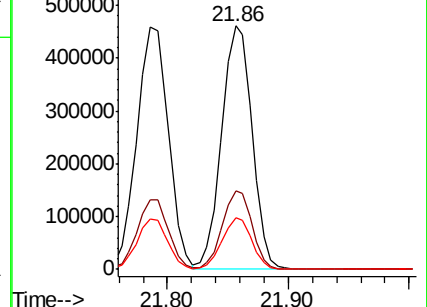
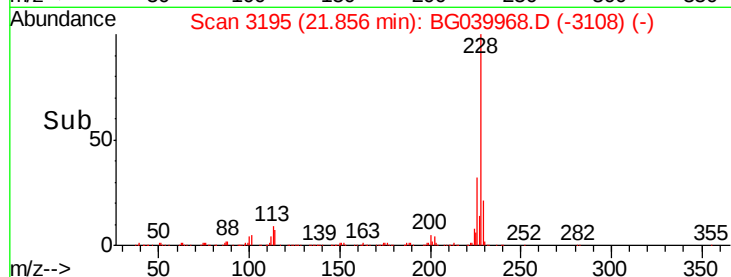
229 21.0 16.6 25.0



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: 44.768 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.02 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

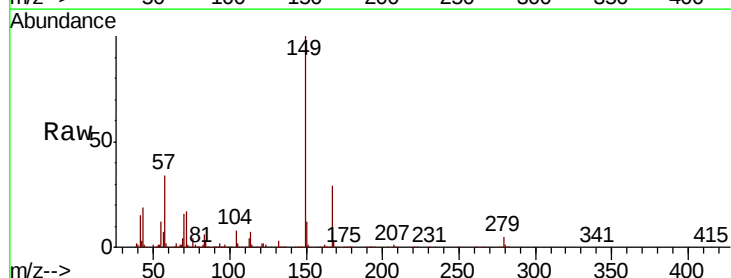
Tgt Ion:149 Resp: 514278

Ion Ratio Lower Upper

149 100

167 28.6 22.6 34.0

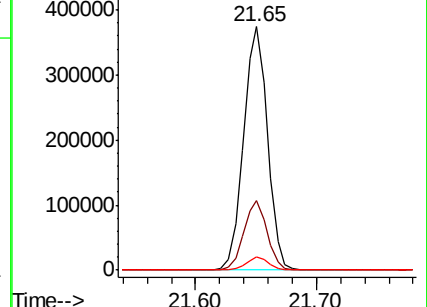
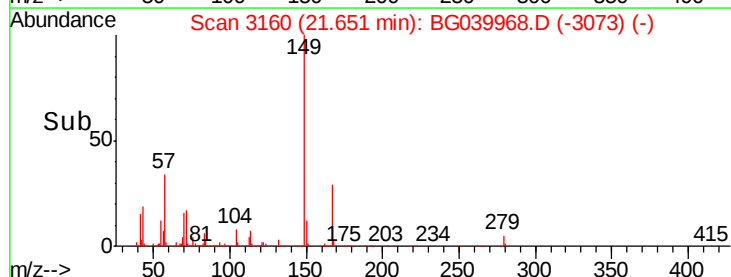
279 5.3 3.5 5.3#

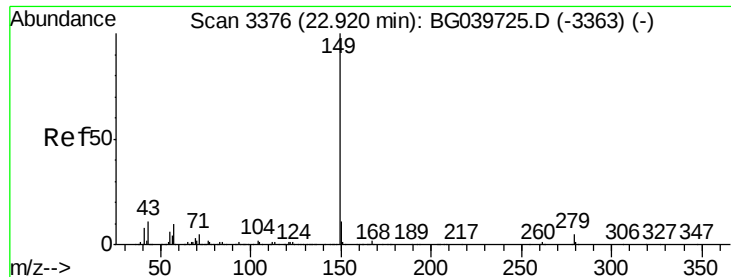


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.455 ng

RT: 22.90 min Scan# 3373

Delta R.T. -0.02 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

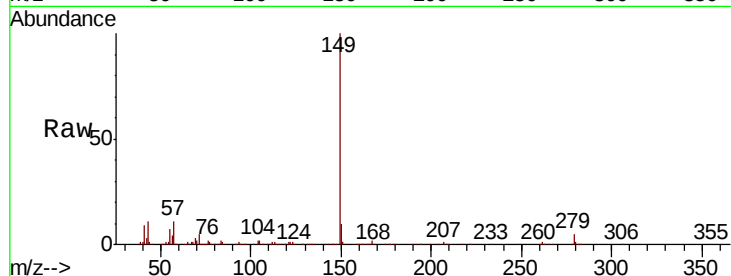
Tot Ion:149 Resp: 883620

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

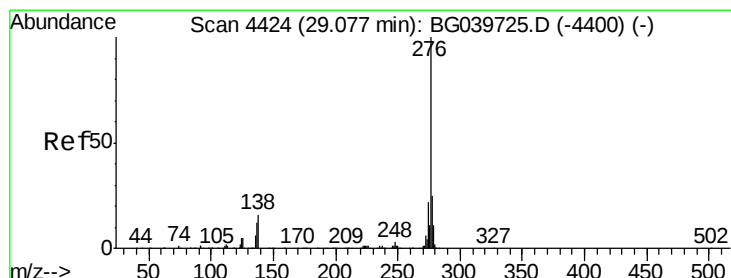
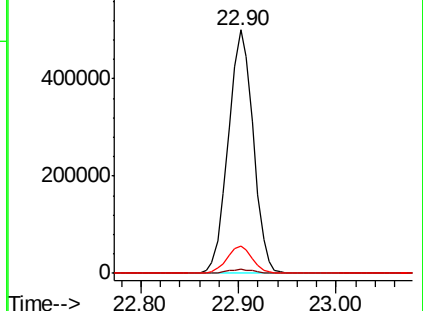
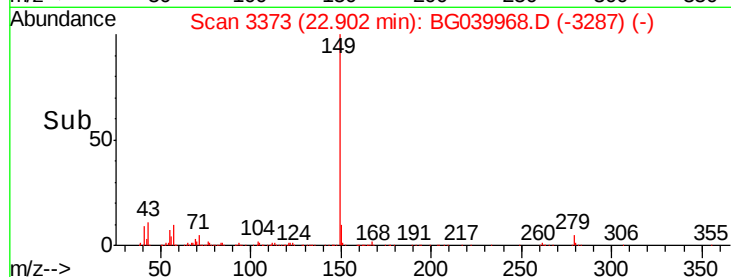
43 11.2 10.2 15.4



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: 42.264 ng

RT: 29.05 min Scan# 4419

Delta R.T. -0.04 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

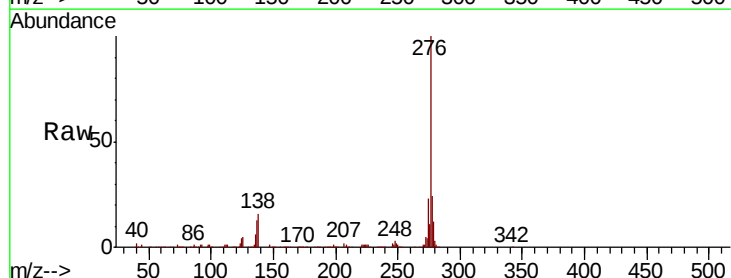
Tgt Ion:276 Resp: 945988

Ion Ratio Lower Upper

276 100

138 19.6 12.6 19.0#

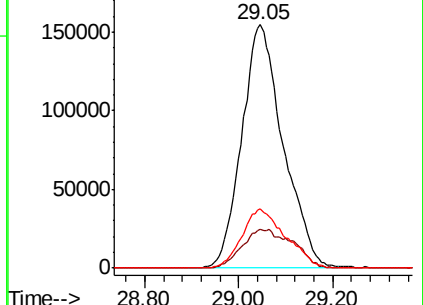
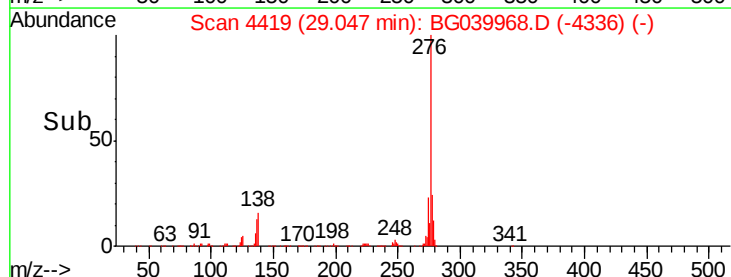
277 25.7 20.8 31.2

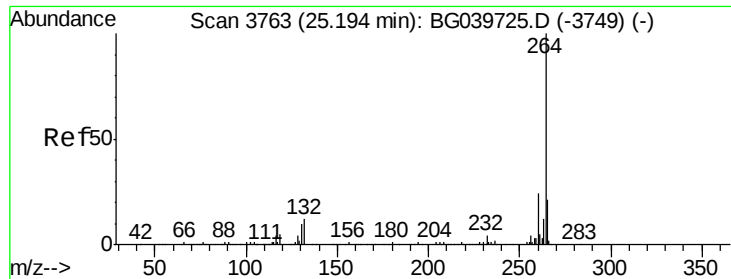


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.18 min Scan# 3760

Delta R.T. -0.02 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

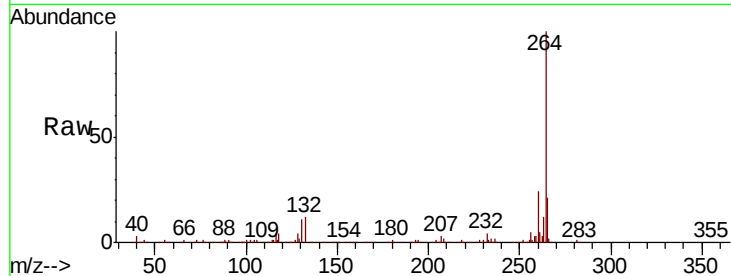
Tot Ion:264 Resp: 338645

Ion Ratio Lower Upper

264 100

260 24.3 18.2 27.4

265 21.0 18.5 27.7

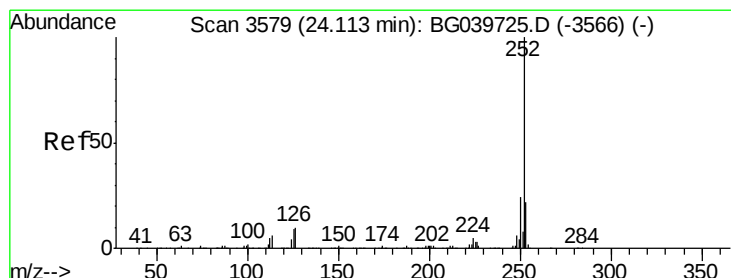
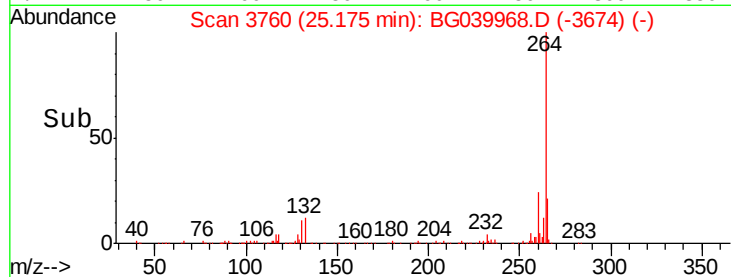
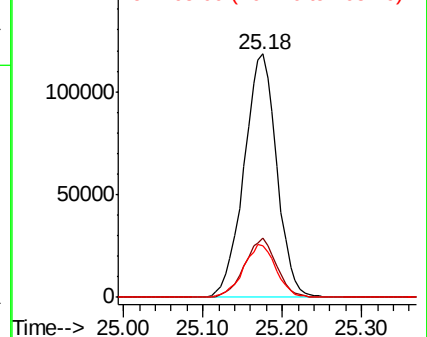


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.237 ng

RT: 24.09 min Scan# 3576

Delta R.T. -0.02 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

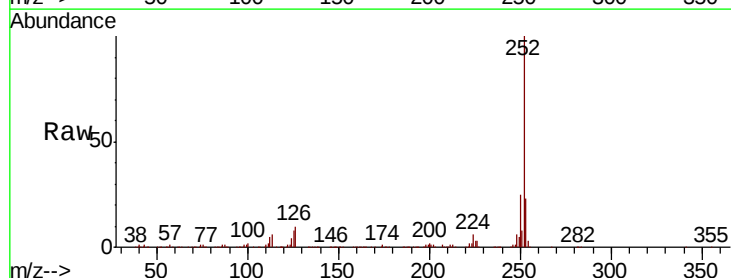
Tgt Ion:252 Resp: 832741

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.8

125 8.3 7.8 11.6

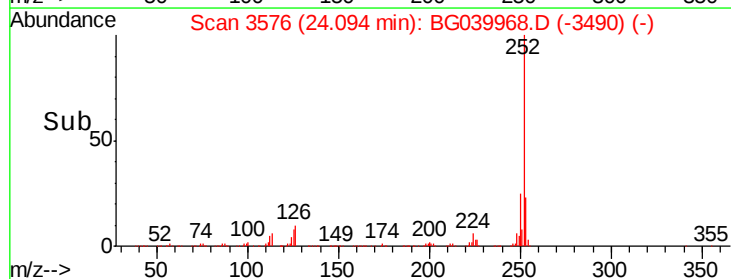
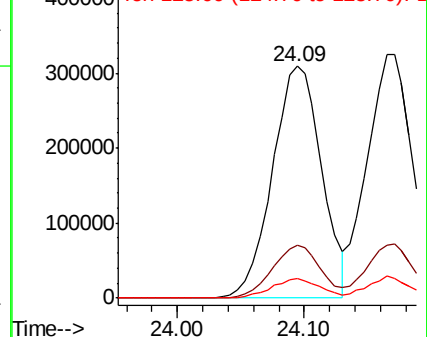


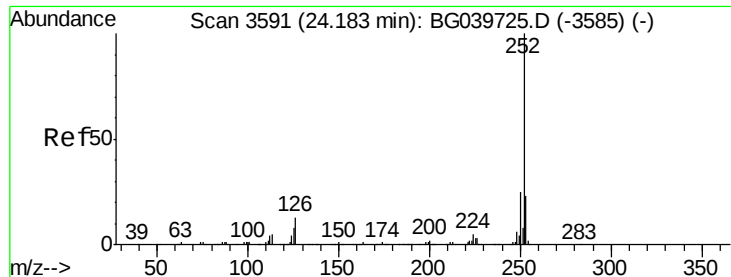
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

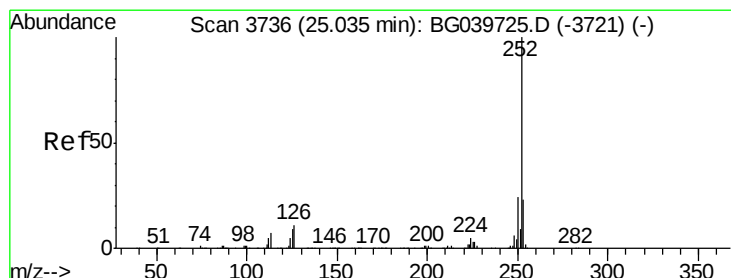
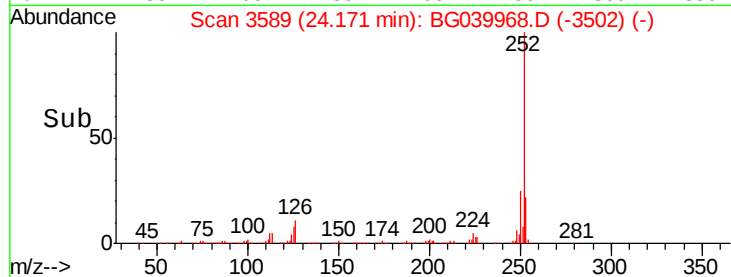
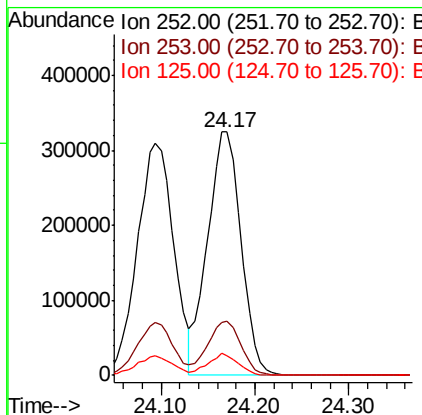
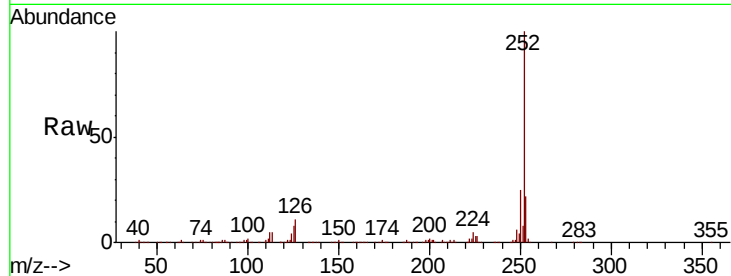




#89
Benzo(k)fluoranthene
Concen: 42.956 ng
RT: 24.17 min Scan# 3589
Delta R.T. -0.02 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

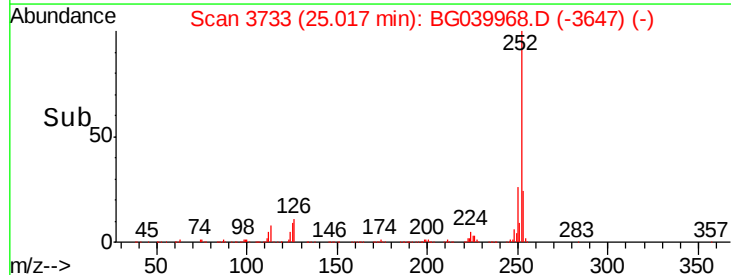
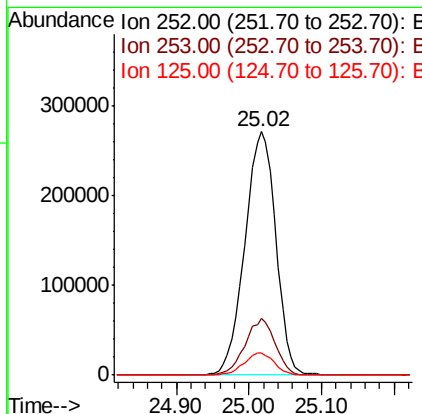
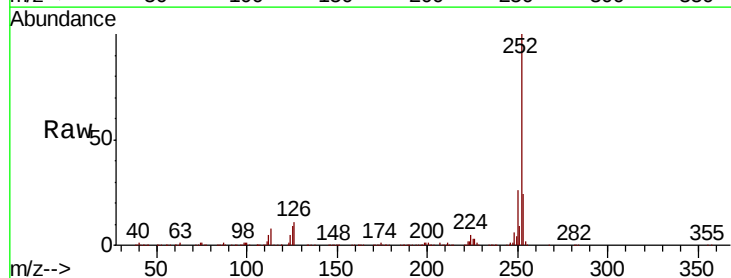
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

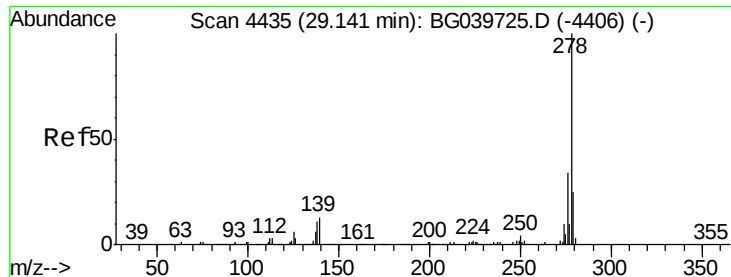
Tot Ion:252 Resp: 807477
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 8.3 7.4 11.2



#90
Benzo(a)pyrene
Concen: 43.001 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.02 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Tgt Ion:252 Resp: 802411
Ion Ratio Lower Upper
252 100
253 23.5 17.9 26.9
125 9.1 8.3 12.5

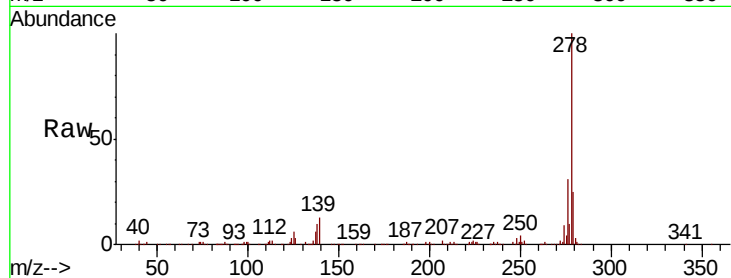




#91
Dibenzo(a,h)anthracene
Concen: 41.665 ng
RT: 29.12 min Scan# 4431
Delta R.T. -0.04 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.8	11.7	17.5
279	25.1	19.1	28.7

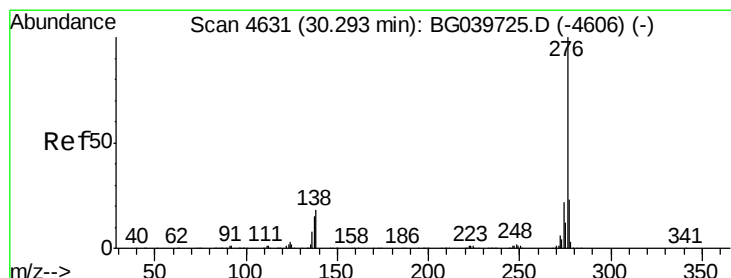
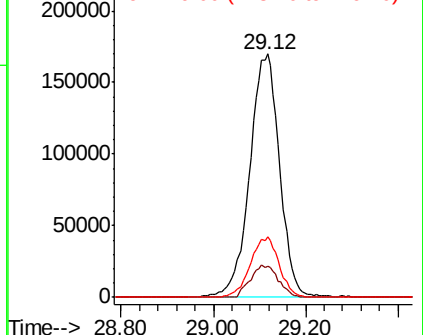
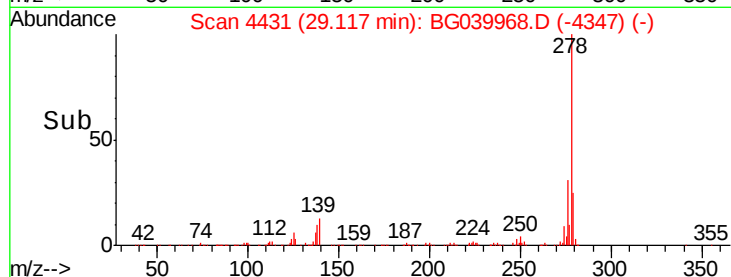


Abundance

Ion 278.00 (277.70 to 278.70): E

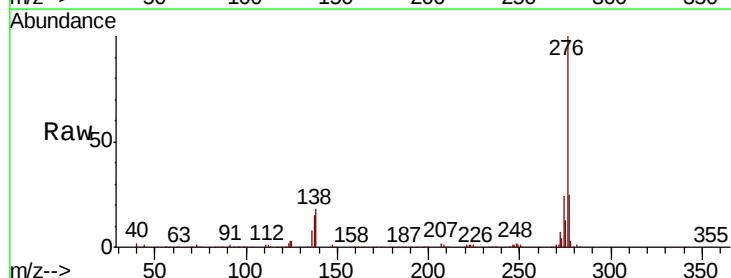
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 42.403 ng
RT: 30.27 min Scan# 4627
Delta R.T. -0.04 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.6	29.4
138	17.8	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

