

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031219\
 Data File : BG039874.D
 Acq On : 12 Mar 2019 14:56
 Operator : JU/SJ
 Sample : K1830-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELD-SS-03072019MS

Quant Time: Mar 13 05:47:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 05:34:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	39703	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	178655	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	126695	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	311103	20.00	ng	0.00
76) Chrysene-d12	21.81	240	309015	20.00	ng	0.00
87) Perylene-d12	25.18	264	326861	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	336304	144.51	ng	0.00
7) Phenol-d6	7.30	99	502233	144.73	ng	0.00
23) Nitrobenzene-d5	9.33	82	288910	87.46	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	203013	137.48	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	714851	80.34	ng	0.00
79) Terphenyl-d14	20.12	244	1128715	80.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	39426	36.695	ng	96
3) Pyridine	4.00	79	6854	2.383	ng	93
4) n-Nitrosodimethylamine	3.91	42	58299	42.724	ng	95
6) Aniline	7.48	93	87572	19.262	ng	98
8) 2-Chlorophenol	7.71	128	119535	42.337	ng	99
9) Benzaldehyde	7.29	77	60458	27.009	ng	93
10) Phenol	7.33	94	178548	47.496	ng	99
11) bis(2-Chloroethyl)ether	7.57	93	115959	39.564	ng	96
12) 1,3-Dichlorobenzene	8.04	146	123291	38.611	ng	98
13) 1,4-Dichlorobenzene	8.19	146	124644	38.322	ng	99
14) 1,2-Dichlorobenzene	8.51	146	120702	38.409	ng	96
15) Benzyl Alcohol	8.39	79	120063	43.618	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.68	45	231013	39.409	ng	99
17) 2-Methylphenol	8.58	107	108619	45.315	ng	99
18) Hexachloroethane	9.24	117	43444	37.225	ng	95
19) n-Nitroso-di-n-propylamine	8.95	70	98220	39.325	ng	94
20) 3+4-Methylphenols	8.91	107	152574	45.818	ng	98
22) Acetophenone	8.98	105	182995	38.163	ng	# 95
24) Nitrobenzene	9.37	77	143728	41.475	ng	98
25) Isophorone	9.89	82	282233	40.777	ng	98
26) 2-Nitrophenol	10.08	139	72396	43.269	ng	97
27) 2,4-Dimethylphenol	10.12	122	130972	50.331	ng	92
28) bis(2-Chloroethoxy)methane	10.37	93	168603	40.085	ng	96
29) 2,4-Dichlorophenol	10.62	162	140137	47.832	ng	96
30) 1,2,4-Trichlorobenzene	10.83	180	134704	40.859	ng	97
31) Naphthalene	11.03	128	387286	40.944	ng	98
32) Benzoic acid	10.23	122	19219	15.876	ng	97
33) 4-Chloroaniline	11.14	127	109246	27.236	ng	99
34) Hexachlorobutadiene	11.29	225	83175	36.920	ng	89
35) Caprolactam	11.92	113	31109	27.797	ng	94
36) 4-Chloro-3-methylphenol	12.24	107	156200	46.509	ng	96
37) 2-Methylnaphthalene	12.62	142	300916	42.551	ng	98
38) 1-Methylnaphthalene	12.84	142	288108	41.922	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	167075	38.926	ng	99

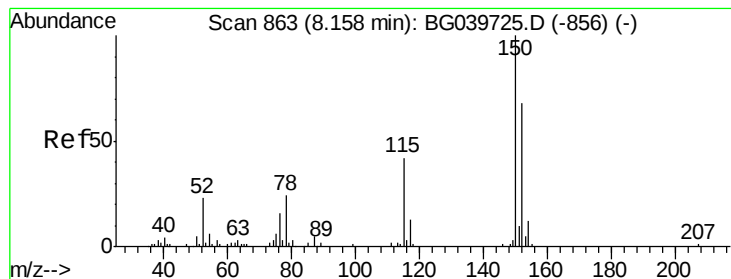
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031219\
 Data File : BG039874.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	207928	90.397	ng	98
43) 2,4,6-Trichlorophenol	13.22	196	120067	47.781	ng	96
44) 2,4,5-Trichlorophenol	13.29	196	128715	45.444	ng	98
46) 1,1'-Biphenyl	13.61	154	410724	39.415	ng	99
47) 2-Chloronaphthalene	13.67	162	317266	40.471	ng	98
48) 2-Nitroaniline	13.87	65	114767	45.555	ng	91
49) Acenaphthylene	14.51	152	522462	40.599	ng	99
50) Dimethylphthalate	14.23	163	498101	47.017	ng	100
51) 2,6-Dinitrotoluene	14.36	165	100833	44.896	ng	99
52) Acenaphthene	14.85	154	317555	40.999	ng	97
53) 3-Nitroaniline	14.69	138	82861	36.703	ng	# 94
54) 2,4-Dinitrophenol	14.89	184	93978	67.249	ng	99
55) Dibenzofuran	15.17	168	529194	41.643	ng	98
56) 4-Nitrophenol	14.99	139	168744	83.554	ng	90
57) 2,4-Dinitrotoluene	15.14	165	142693	45.217	ng	88
58) Fluorene	15.83	166	414777	41.519	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.40	232	129544	46.831	ng	97
60) Diethylphthalate	15.58	149	444973	42.429	ng	98
61) 4-Chlorophenyl-phenylether	15.81	204	220828	41.423	ng	96
62) 4-Nitroaniline	15.86	138	105915	43.275	ng	98
63) Azobenzene	16.10	77	404197	42.518	ng	97
65) 4,6-Dinitro-2-methylphenol	15.90	198	79457	43.196	ng	98
66) n-Nitrosodiphenylamine	16.03	169	390405	43.347	ng	98
67) 4-Bromophenyl-phenylether	16.70	248	145793	41.867	ng	97
68) Hexachlorobenzene	16.82	284	148228	41.065	ng	95
69) Atrazine	16.97	200	154166	43.493	ng	97
70) Pentachlorophenol	17.17	266	181170	79.472	ng	97
71) Phenanthrene	17.57	178	696511	40.646	ng	99
72) Anthracene	17.66	178	711510	42.609	ng	99
73) Carbazole	17.93	167	622069	41.322	ng	99
74) Di-n-butylphthalate	18.46	149	753265	42.528	ng	99
75) Fluoranthene	19.57	202	820371	40.509	ng	98
77) Benzidine	19.75	184	20275	2.068	ng	97
78) Pyrene	19.93	202	818652	40.770	ng	99
80) Butylbenzylphthalate	20.80	149	348322	44.774	ng	94
81) Benzo(a)anthracene	21.80	228	786432	40.607	ng	98
82) 3,3'-Dichlorobenzidine	21.71	252	236970	33.514	ng	99
83) Chrysene	21.86	228	756435	40.288	ng	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	486423	44.495	ng	99
85) Di-n-octyl phthalate	22.91	149	825411	45.600	ng	96
86) Indeno(1,2,3-cd)pyrene	29.05	276	885720	41.583	ng	97
88) Benzo(b)fluoranthene	24.10	252	788881	40.473	ng	99
89) Benzo(k)fluoranthene	24.17	252	755400	41.635	ng	100
90) Benzo(a)pyrene	25.03	252	769204	42.707	ng	99
91) Dibenzo(a,h)anthracene	29.13	278	709891	40.204	ng	98
92) Benzo(g,h,i)perylene	30.28	276	717327	40.450	ng	96

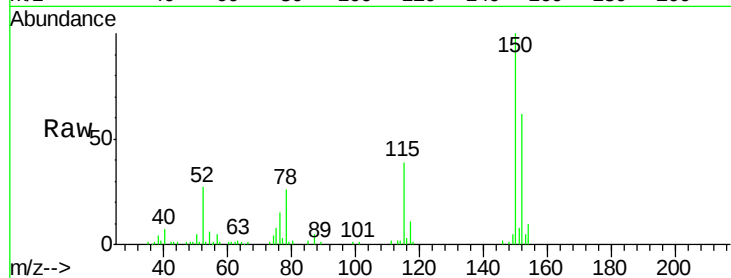
(#) = qualifier out of range (m) = manual integration (+) = signals summed



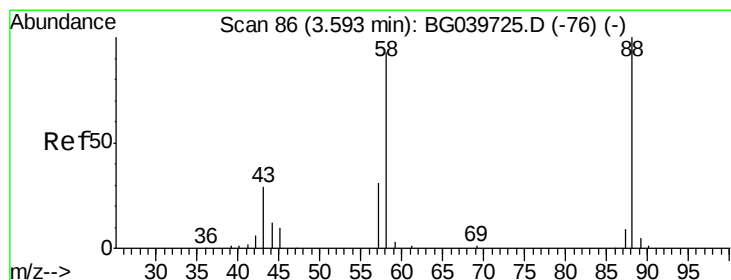
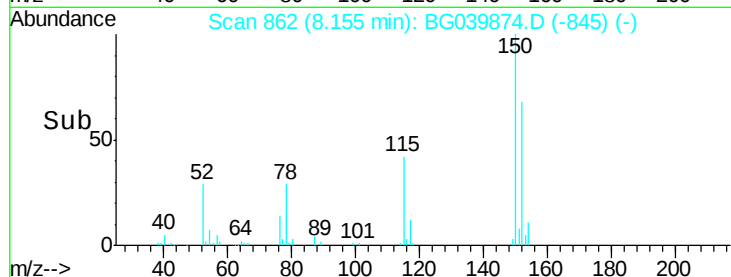
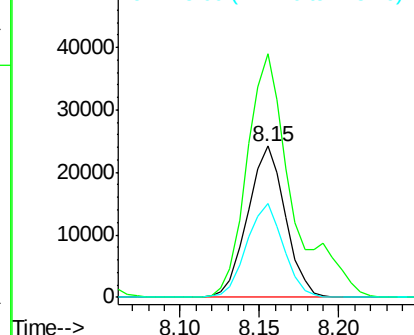
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.15 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: BG039874.D
 Acq: 12 Mar 2019 14:56

Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELD-SS-03072019MS

Tgt Ion:152 Resp: 39703
 Ion Ratio Lower Upper
 152 100
 150 160.9 123.7 185.5
 115 62.3 45.9 68.9

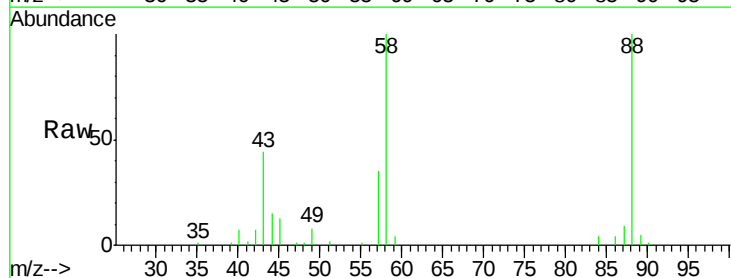


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

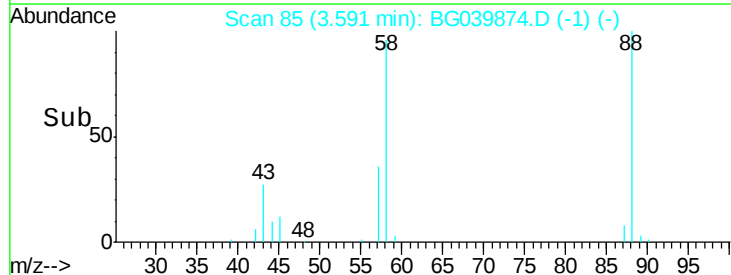
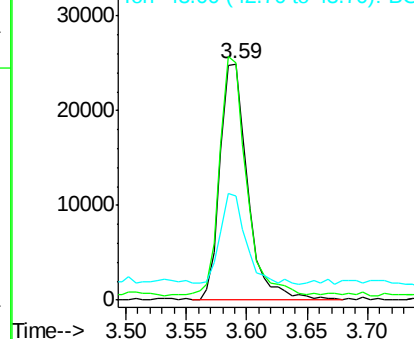


#2
 1,4-Dioxane
 Concen: 36.695 ng
 RT: 3.59 min Scan# 85
 Delta R.T. -0.00 min
 Lab File: BG039874.D
 Acq: 12 Mar 2019 14:56

Tgt Ion: 88 Resp: 39426
 Ion Ratio Lower Upper
 88 100
 58 97.5 81.1 121.7
 43 36.0 31.4 47.0



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





#3

Pyridine

Concen: 2.383 ng

RT: 4.00 min Scan# 154

Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019MS

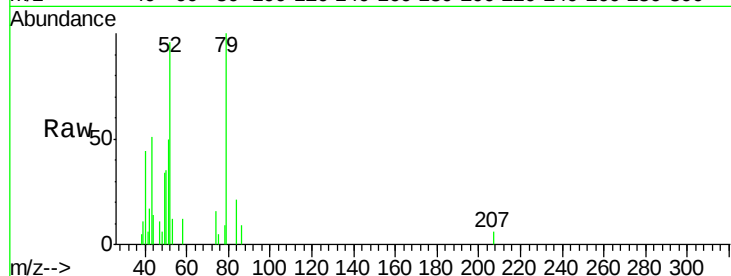
Tgt Ion: 79 Resp: 6854

Ion Ratio Lower Upper

79 100

52 95.5 82.6 124.0

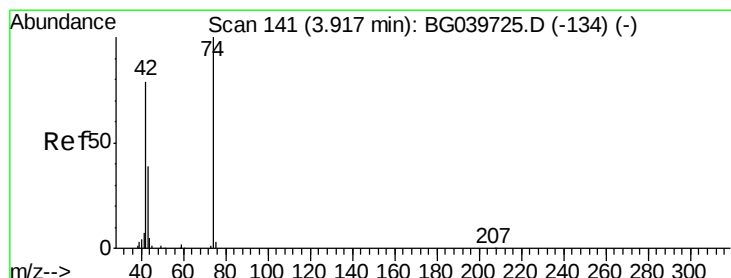
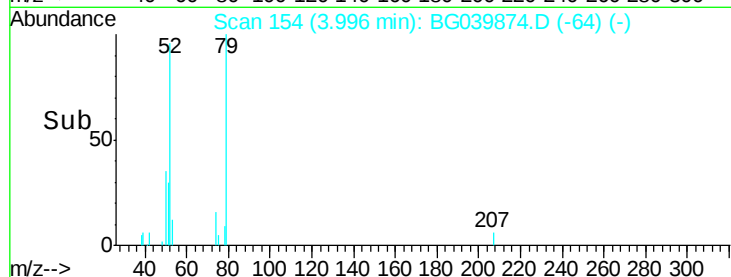
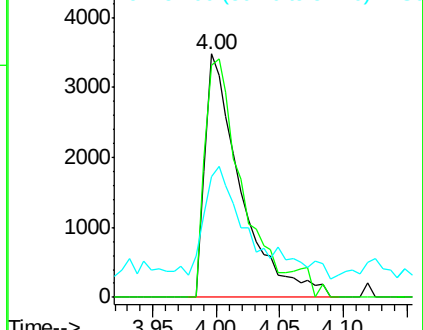
51 49.7 37.5 56.3



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: 42.724 ng

RT: 3.91 min Scan# 140

Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

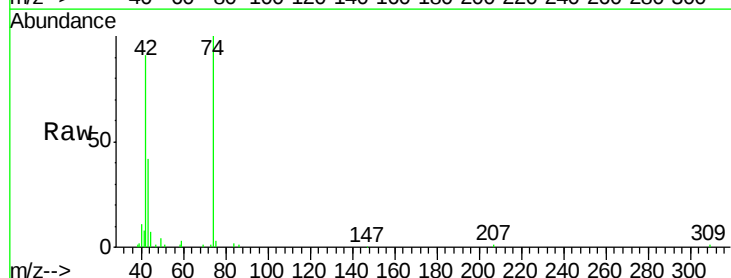
Tgt Ion: 42 Resp: 58299

Ion Ratio Lower Upper

42 100

74 109.9 83.6 125.4

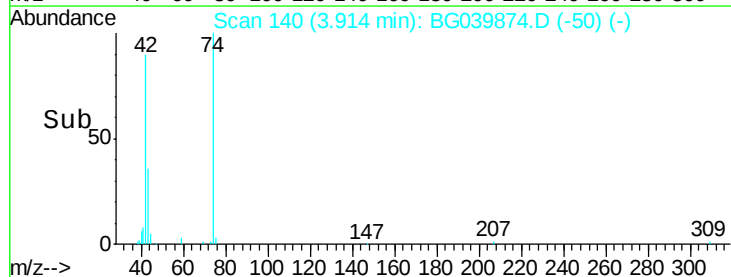
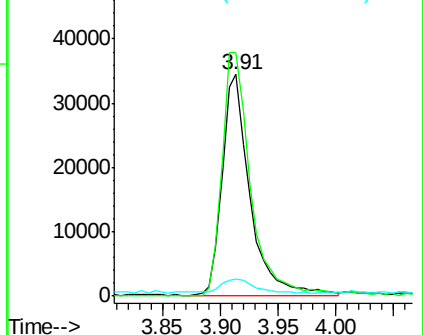
44 7.5 6.9 10.3



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: 144.507 ng

RT: 5.70 min Scan# 444

Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019MS

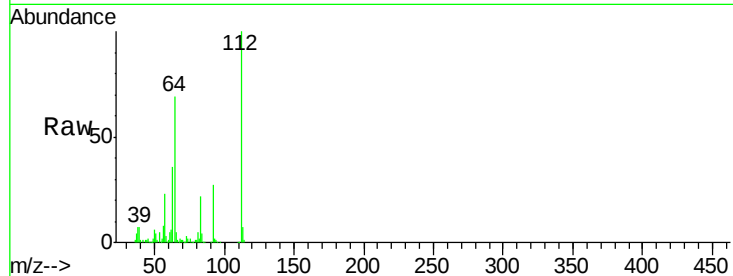
Tgt Ion: 112 Resp: 336304

Ion Ratio Lower Upper

112 100

64 69.3 57.8 86.8

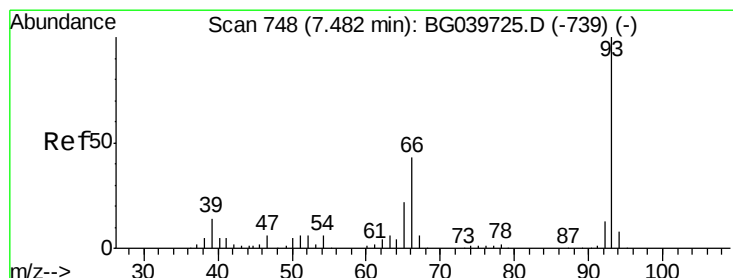
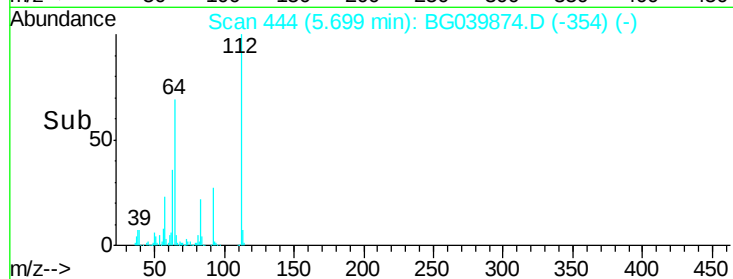
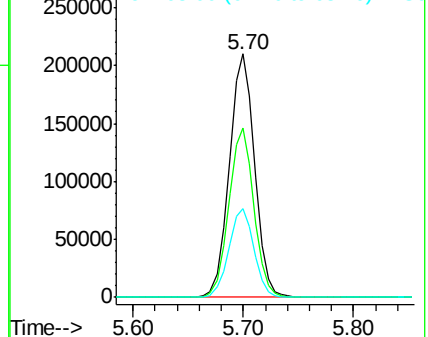
63 36.5 29.8 44.6



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: 19.262 ng

RT: 7.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

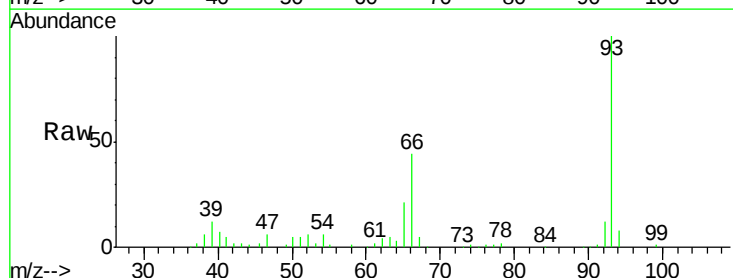
Tgt Ion: 93 Resp: 87572

Ion Ratio Lower Upper

93 100

66 44.1 34.2 51.4

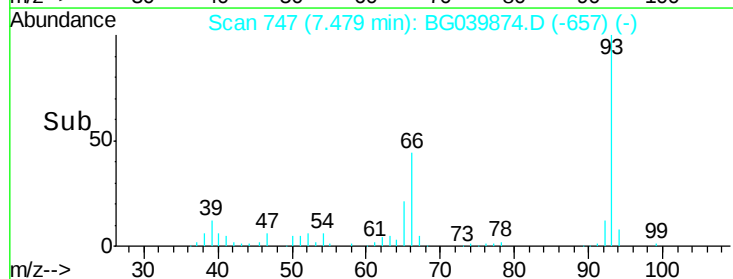
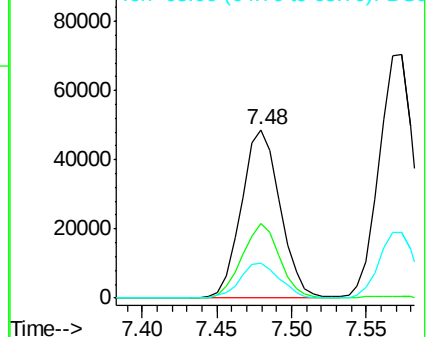
65 20.8 17.7 26.5

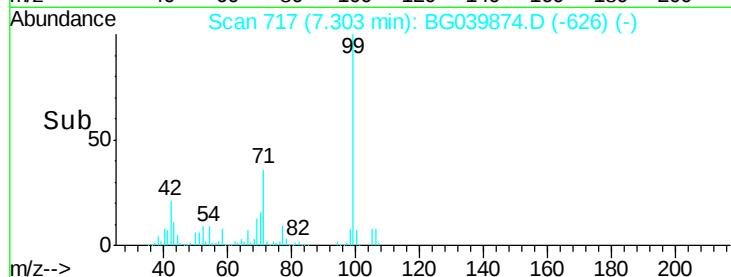
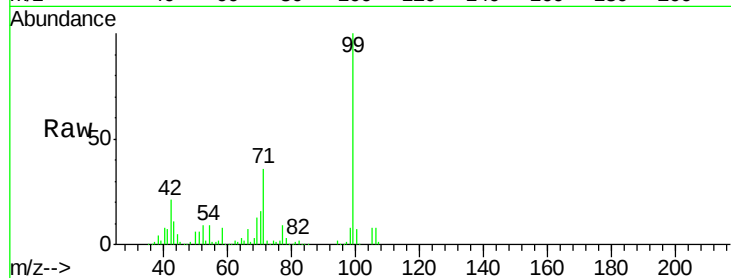
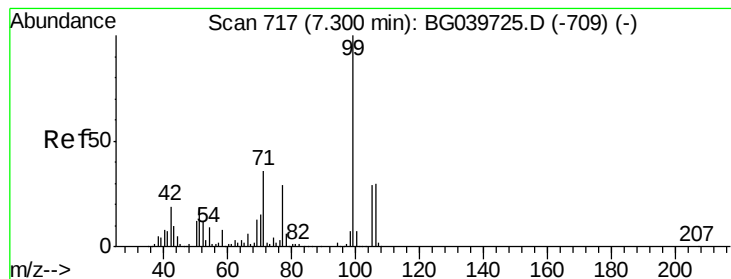


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 144.733 ng

RT: 7.30 min Scan# 717

Delta R.T. 0.01 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

Instrument :

BNA_G

ClientSampleId :

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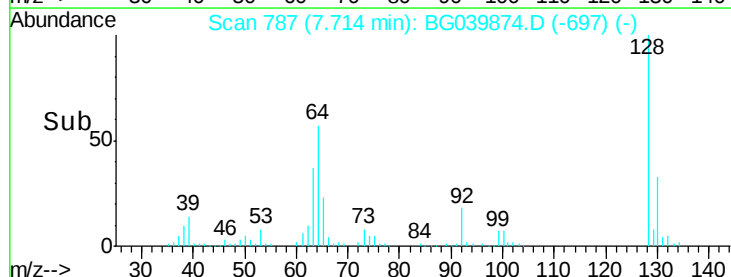
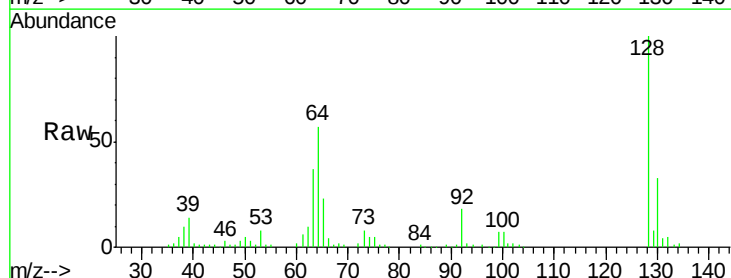
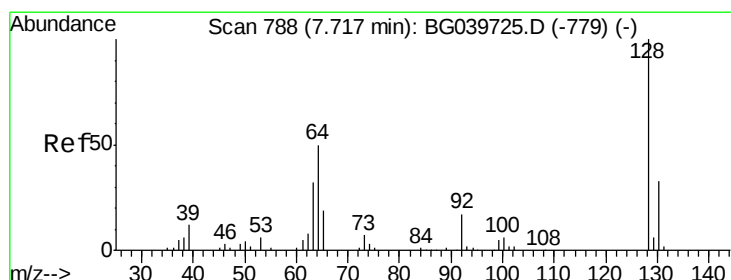
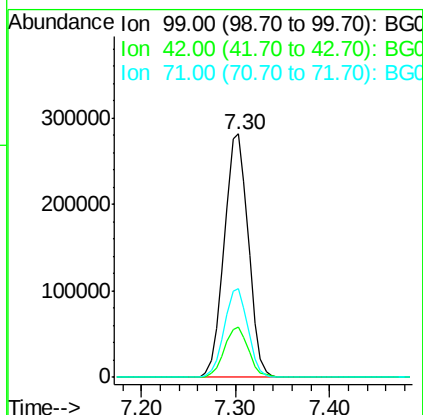
Tgt Ion: 99 Resp: 502233

Ion Ratio Lower Upper

99 100

42 20.7 18.2 27.2

71 36.3 28.0 42.0



#8

2-Chlorophenol

Concen: 42.337 ng

RT: 7.71 min Scan# 787

Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

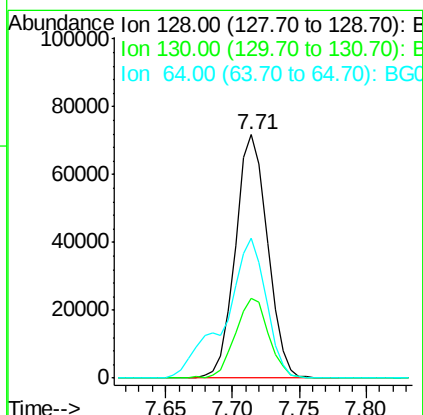
Tgt Ion: 128 Resp: 119535

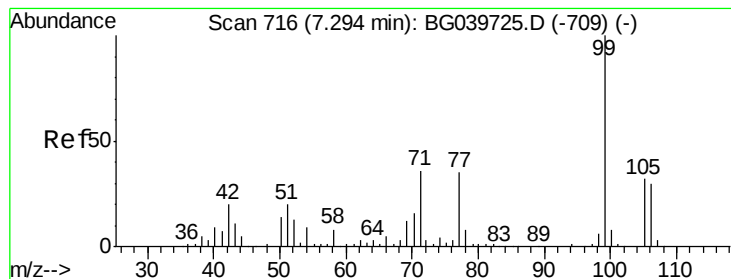
Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

64 57.4 38.7 78.7





#9

Benzaldehyde

Concen: 27.009 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019MS

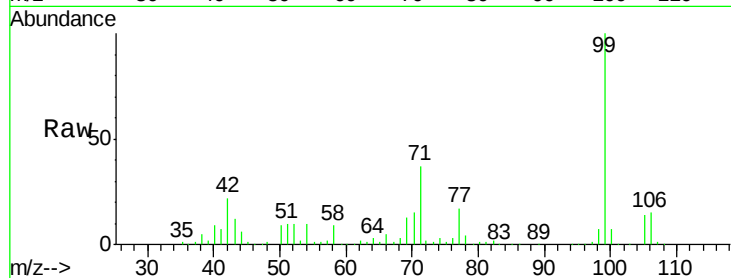
Tgt Ion: 77 Resp: 60458

Ion Ratio Lower Upper

77 100

105 84.1 74.5 114.5

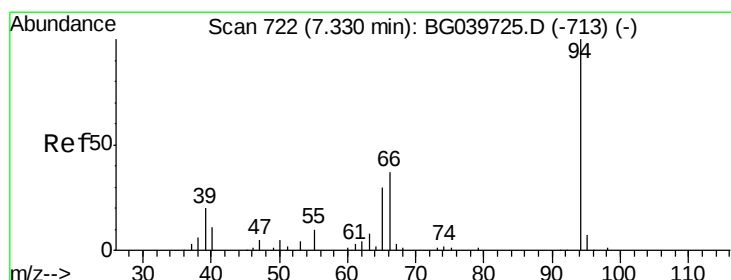
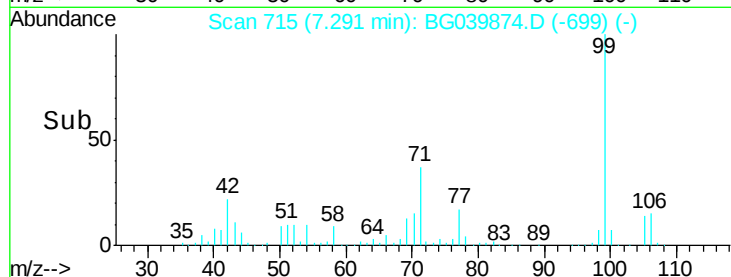
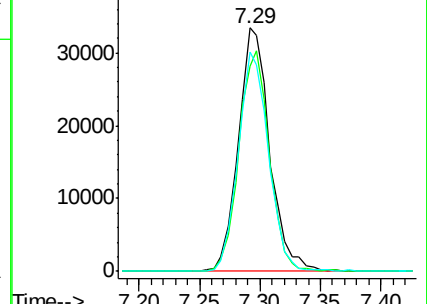
106 90.1 68.0 108.0



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: 47.496 ng

RT: 7.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

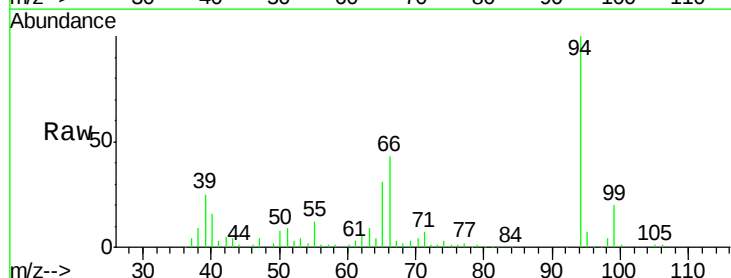
Tgt Ion: 94 Resp: 178548

Ion Ratio Lower Upper

94 100

65 31.4 11.7 51.7

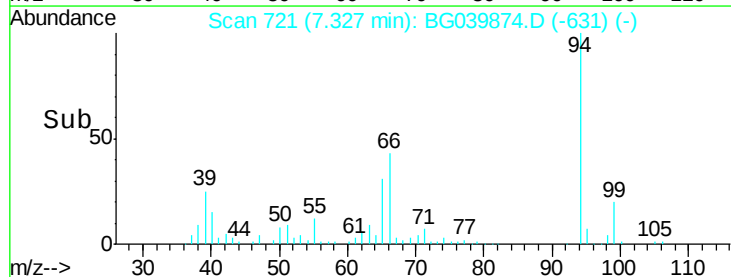
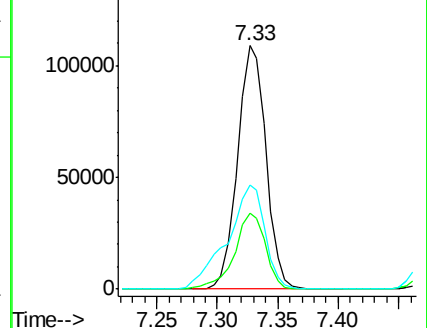
66 42.8 23.7 63.7



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

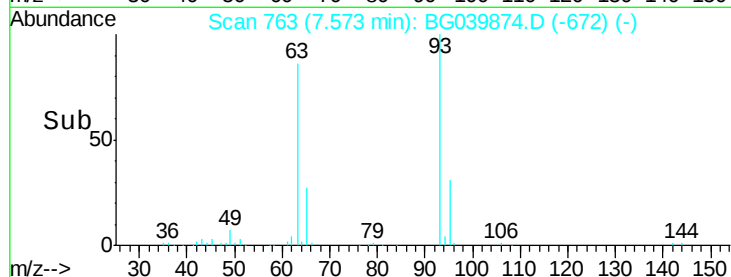
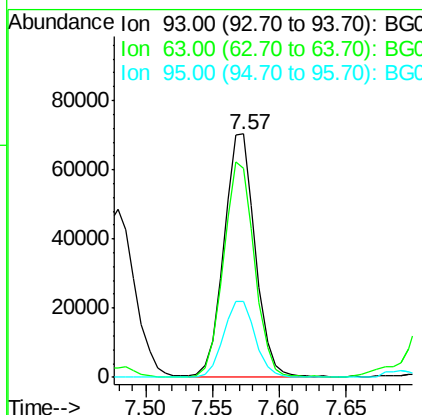
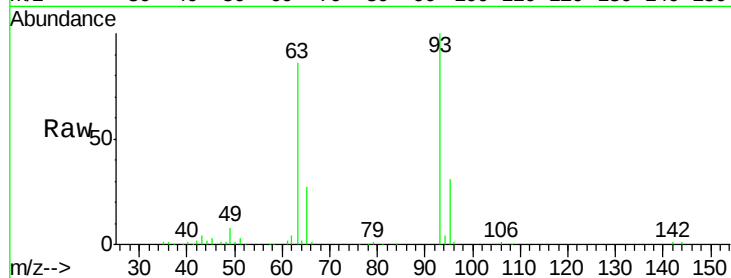




#11
bis(2-Chloroethyl)ether
Concen: 39.564 ng
RT: 7.57 min Scan# 763
Delta R.T. 0.01 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

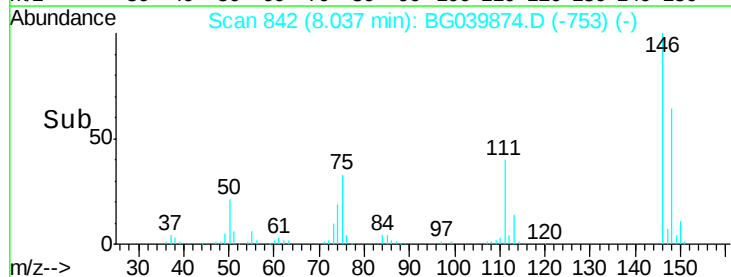
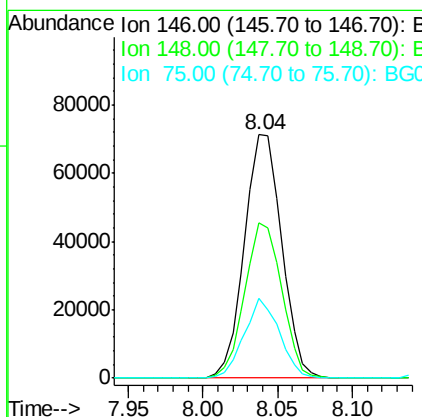
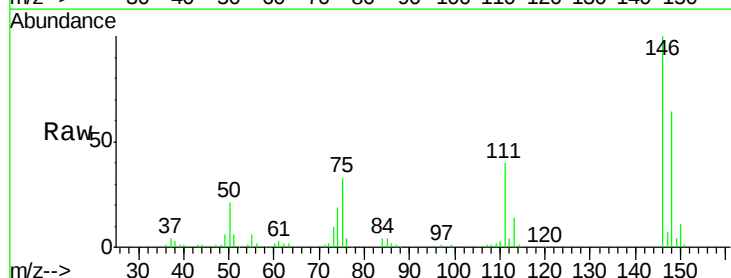
Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MS

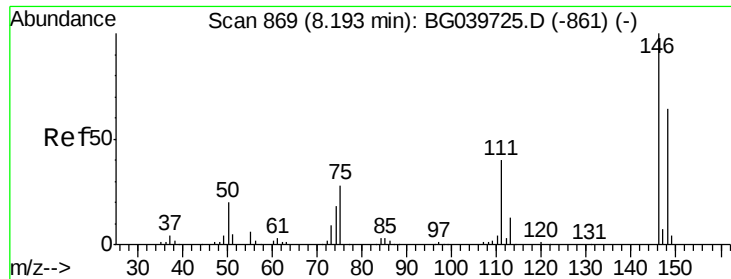
Tgt Ion: 93 Resp: 115959
Ion Ratio Lower Upper
93 100
63 85.9 69.5 109.5
95 31.1 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 38.611 ng
RT: 8.04 min Scan# 842
Delta R.T. -0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Tgt Ion: 146 Resp: 123291
Ion Ratio Lower Upper
146 100
148 63.6 52.6 79.0
75 32.7 25.8 38.6

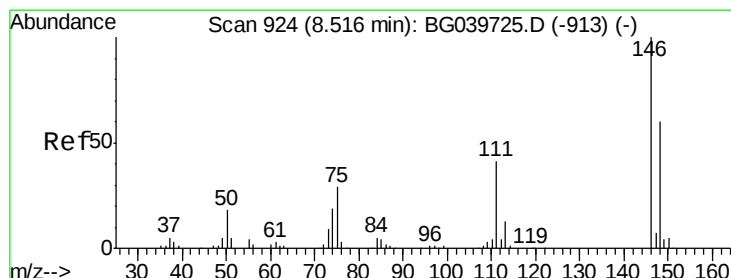
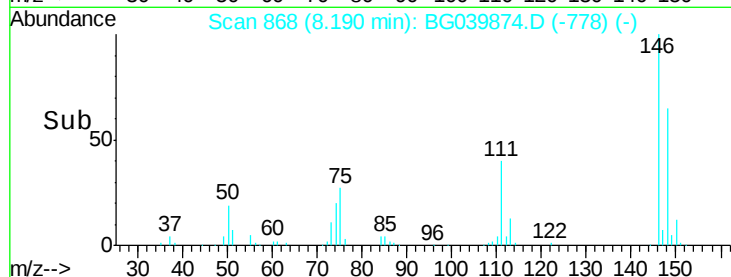
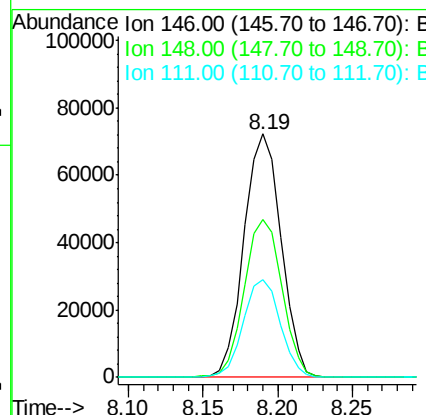
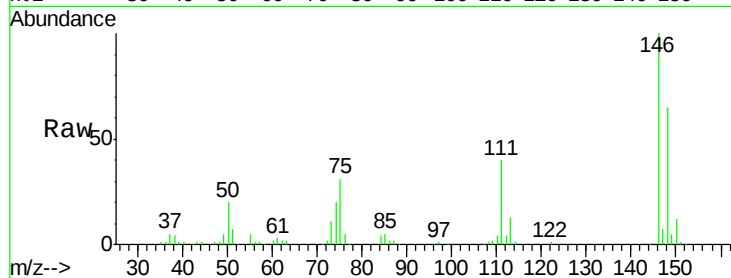




#13
 1,4-Dichlorobenzene
 Concen: 38.322 ng
 RT: 8.19 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: BG039874.D
 Acq: 12 Mar 2019 14:56

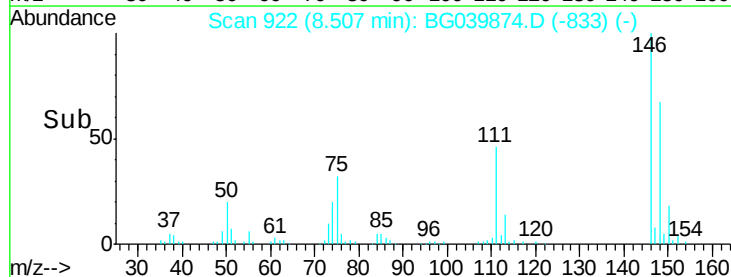
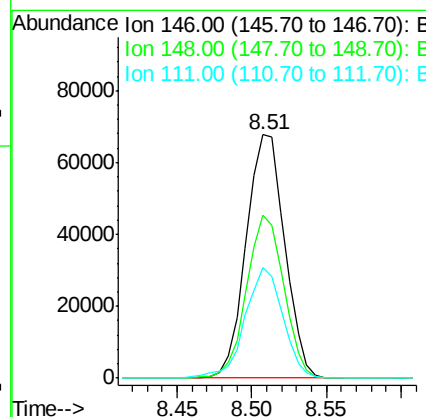
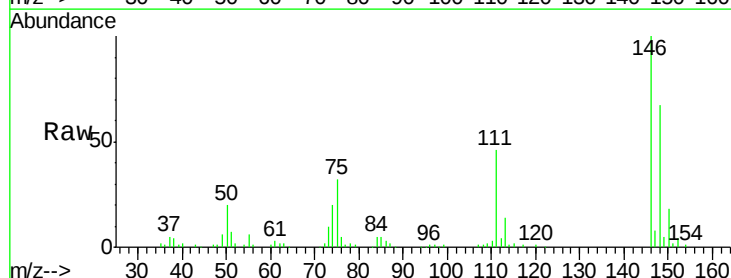
Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELD-SS-03072019MS

Tgt Ion:146 Resp: 124644
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.1 76.7
 111 40.2 32.6 48.8



#14
 1,2-Dichlorobenzene
 Concen: 38.409 ng
 RT: 8.51 min Scan# 922
 Delta R.T. -0.00 min
 Lab File: BG039874.D
 Acq: 12 Mar 2019 14:56

Tgt Ion:146 Resp: 120702
 Ion Ratio Lower Upper
 146 100
 148 67.0 51.5 77.3
 111 45.6 33.8 50.6





#15

Benzyl Alcohol

Concen: 43.618 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019MS

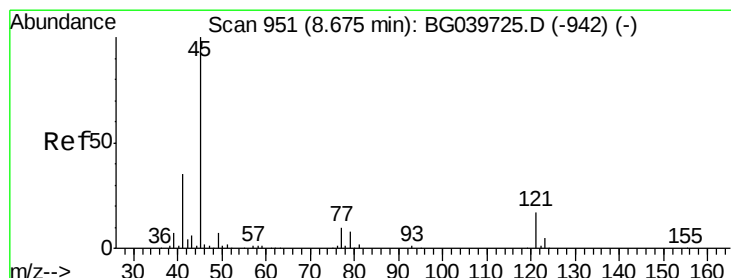
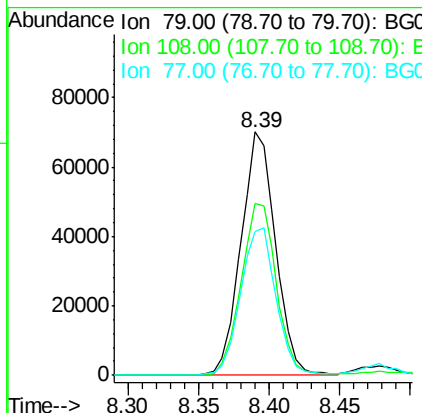
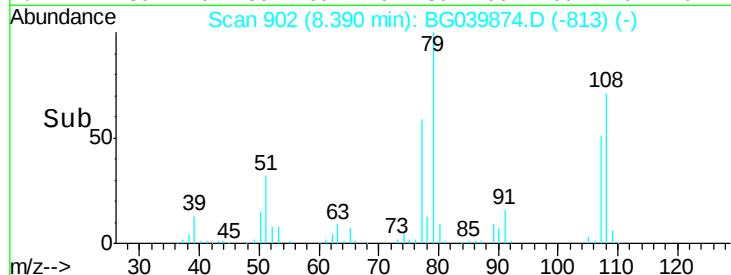
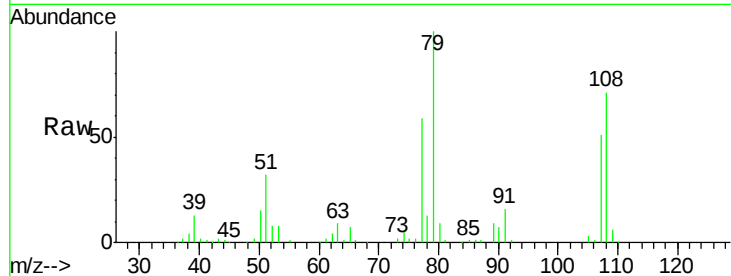
Tgt Ion: 79 Resp: 120063

Ion Ratio Lower Upper

79 100

108 70.5 57.8 86.6

77 59.2 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.409 ng

RT: 8.68 min Scan# 951

Delta R.T. 0.01 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

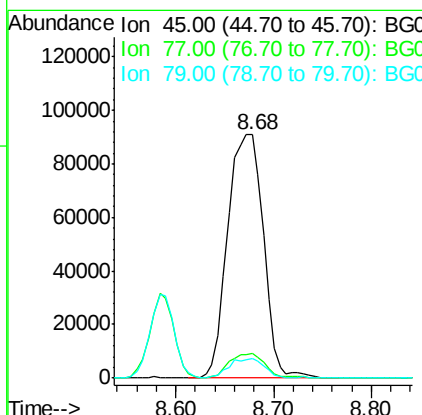
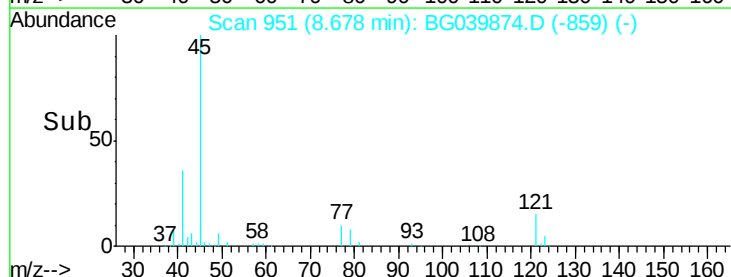
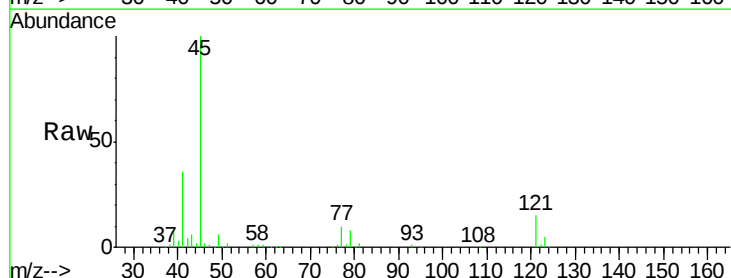
Tgt Ion: 45 Resp: 231013

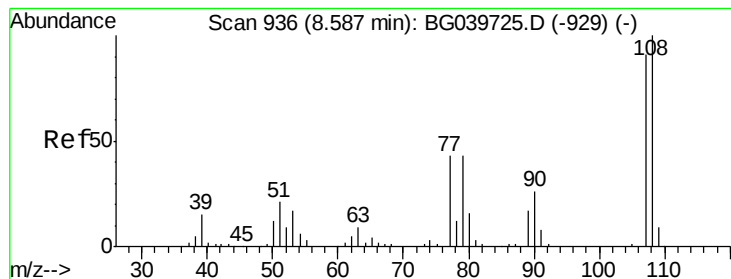
Ion Ratio Lower Upper

45 100

77 10.1 0.0 30.0

79 8.0 0.0 27.5





#17

2-Methylphenol

Concen: 45.315 ng

RT: 8.58 min Scan# 935

Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019MS

Tgt Ion:107 Resp: 108619

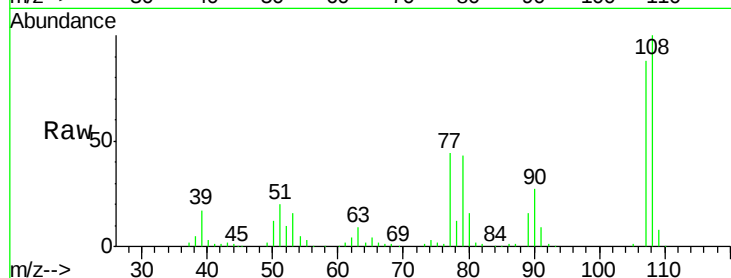
Ion Ratio Lower Upper

107 100

108 113.6 90.8 136.2

77 49.8 40.7 61.1

79 49.0 40.6 60.8

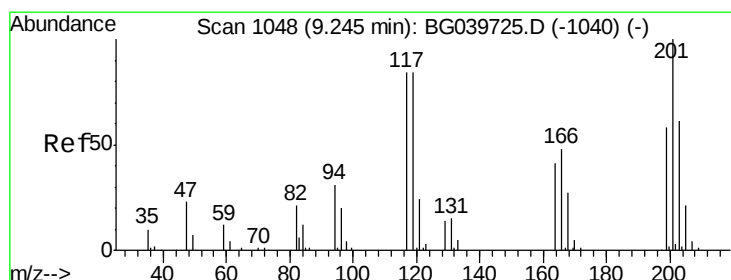
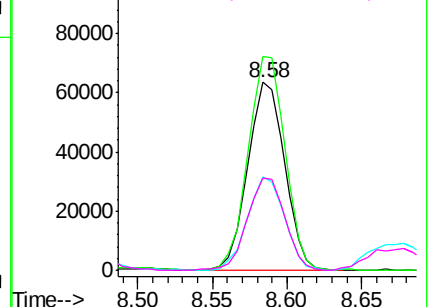
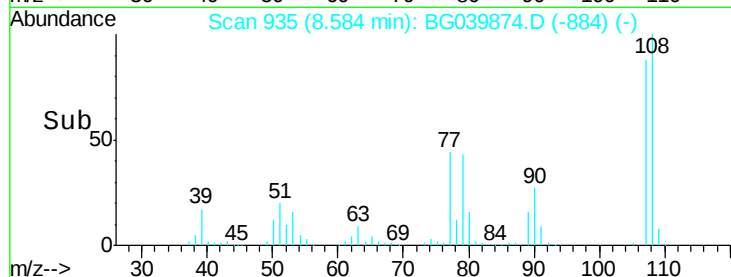


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 37.225 ng

RT: 9.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

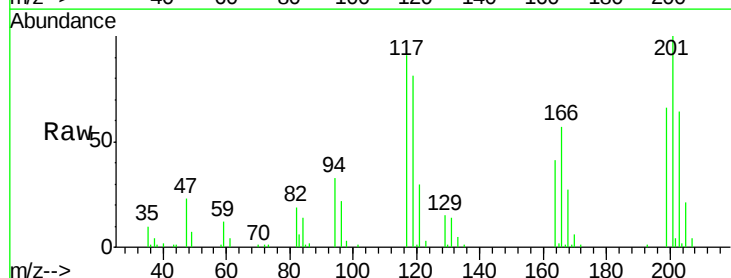
Tgt Ion:117 Resp: 43444

Ion Ratio Lower Upper

117 100

119 89.5 76.3 114.5

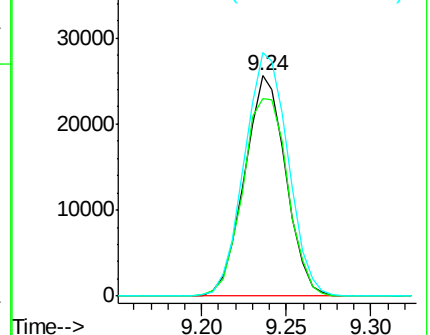
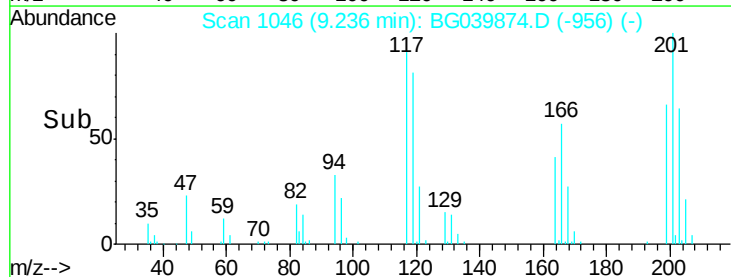
201 110.4 91.1 136.7

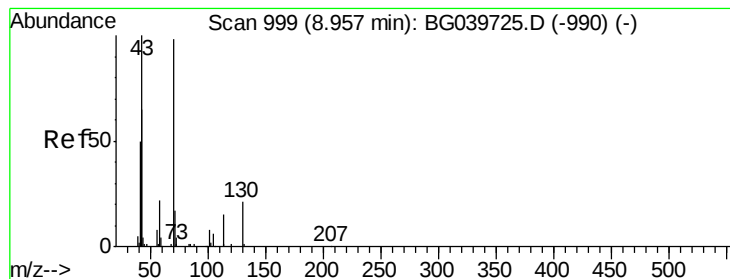


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.325 ng

RT: 8.95 min Scan# 998

Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019MS

Tgt Ion: 70 Resp: 98220

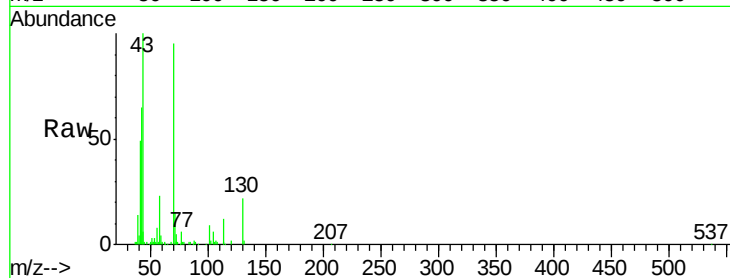
Ion Ratio Lower Upper

70 100

42 69.2 60.4 90.6

101 9.4 7.5 11.3

130 23.0 16.9 25.3

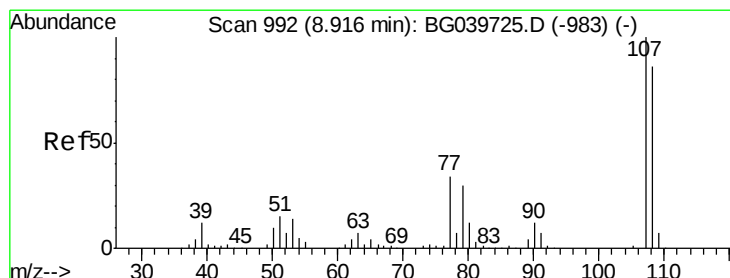
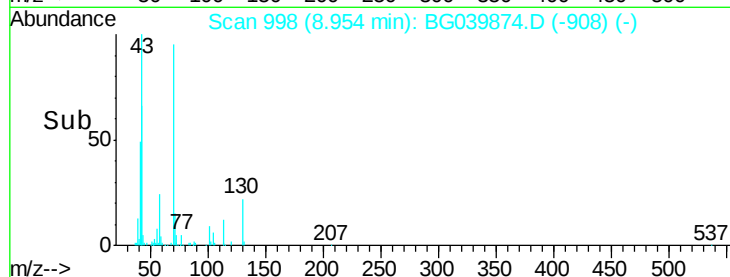
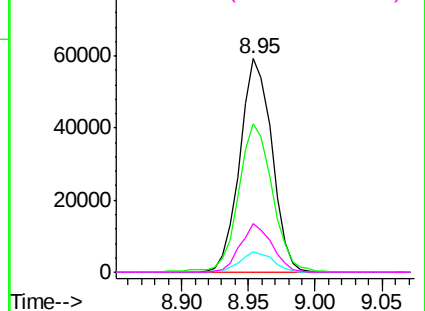


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 45.818 ng

RT: 8.91 min Scan# 991

Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

Tgt Ion: 107 Resp: 152574

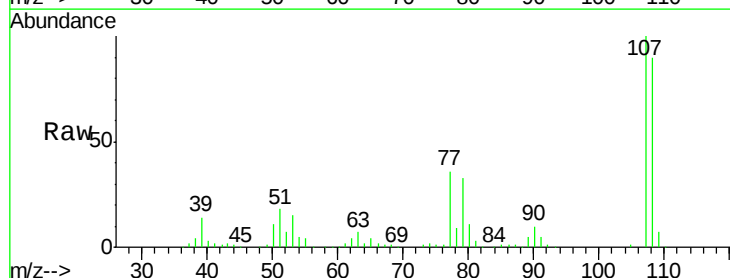
Ion Ratio Lower Upper

107 100

108 89.5 67.9 107.9

77 36.1 15.4 55.4

79 33.0 13.7 53.7

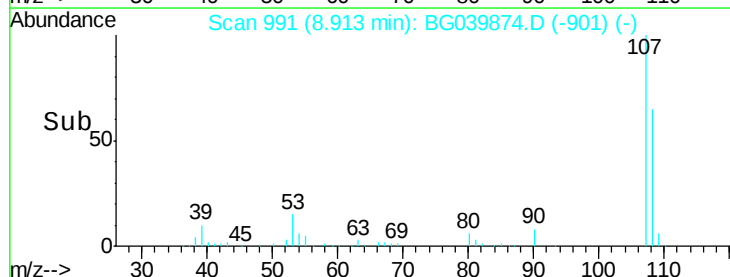
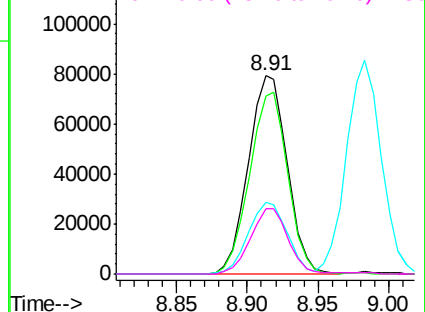


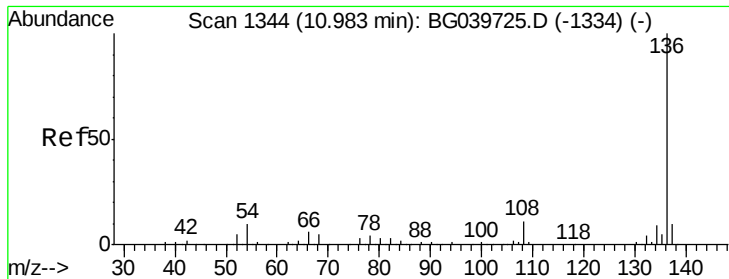
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

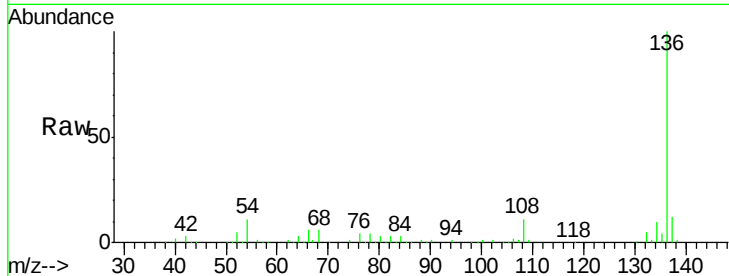




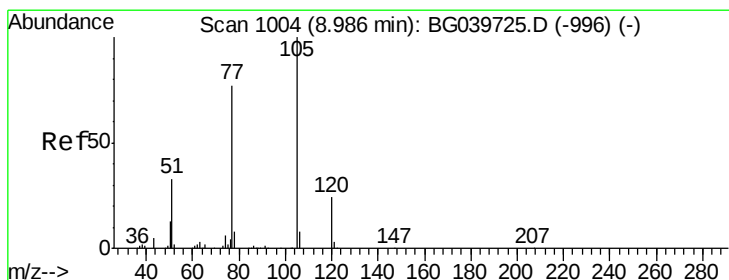
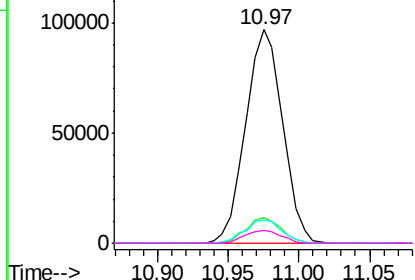
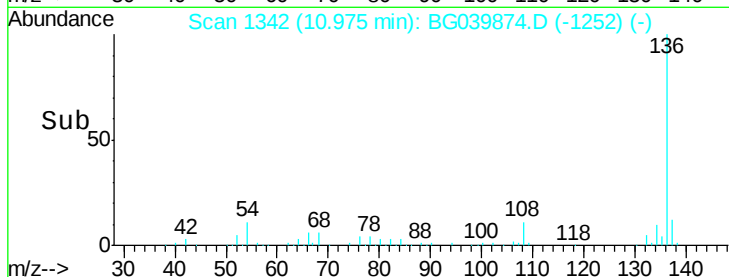
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MS

Tgt Ion:	136	Resp:	178655
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.1	13.7
54	10.8	9.4	14.2
68	6.1	4.2	6.4

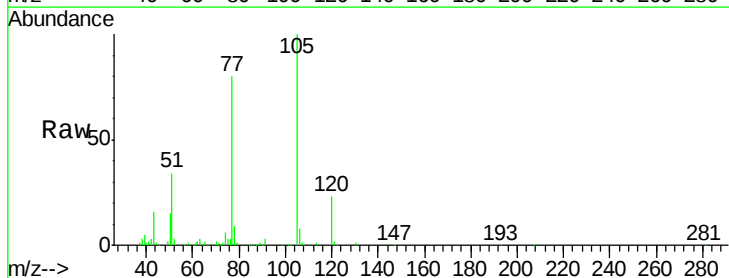


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

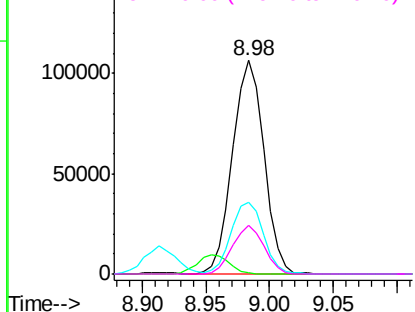
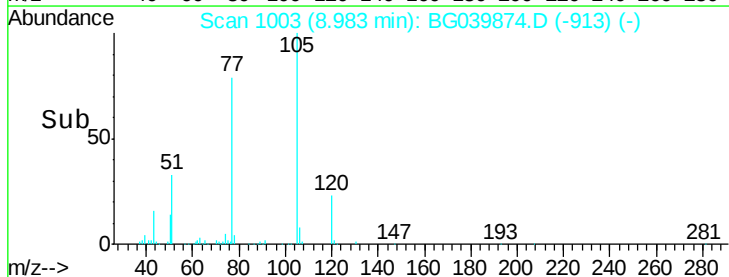


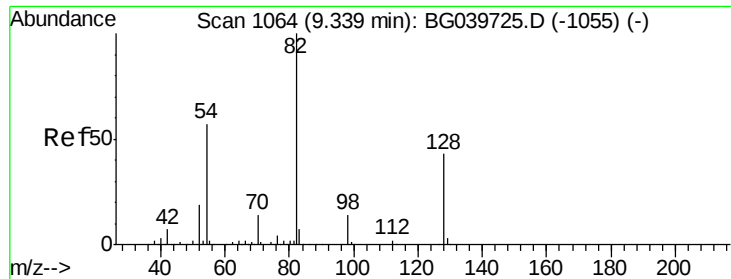
#22
Acetophenone
Concen: 38.163 ng
RT: 8.98 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Tgt Ion:	105	Resp:	182995
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.8	1.2#
51	33.5	30.2	45.2
120	23.0	18.0	27.0



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

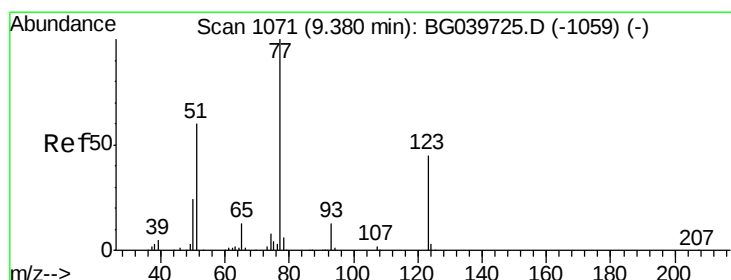
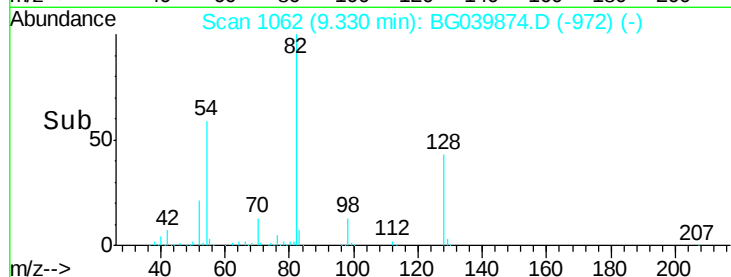
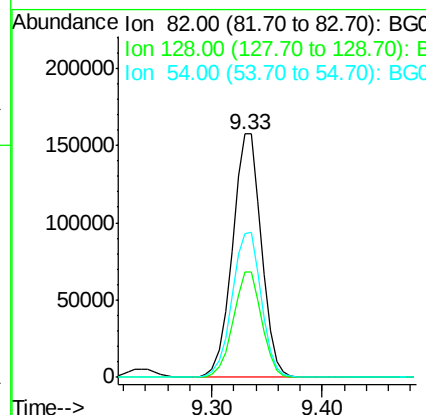
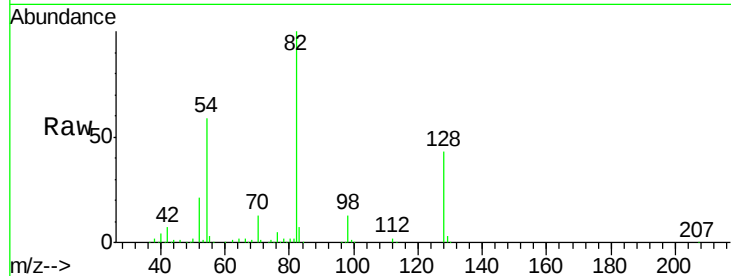




#23
 Nitrobenzene-d5
 Concen: 87.461 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BG039874.D
 Acq: 12 Mar 2019 14:56

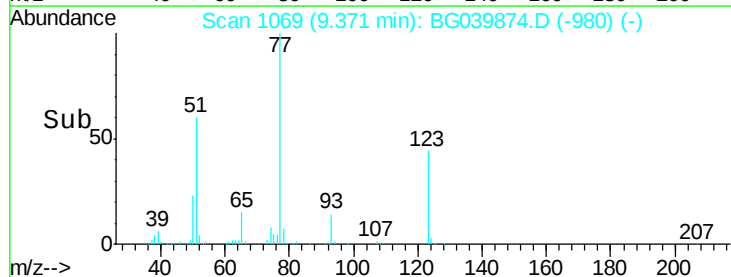
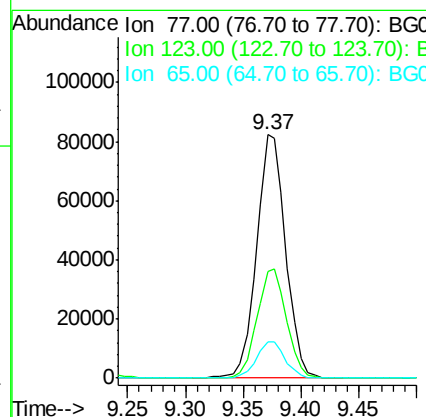
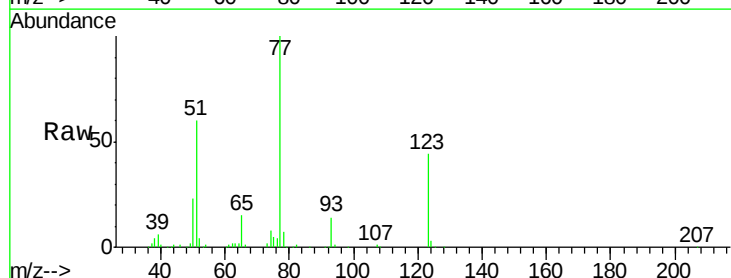
Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELD-SS-03072019MS

Tgt Ion: 82 Resp: 288910
 Ion Ratio Lower Upper
 82 100
 128 43.1 31.3 46.9
 54 59.1 50.9 76.3



#24
 Nitrobenzene
 Concen: 41.475 ng
 RT: 9.37 min Scan# 1069
 Delta R.T. -0.00 min
 Lab File: BG039874.D
 Acq: 12 Mar 2019 14:56

Tgt Ion: 77 Resp: 143728
 Ion Ratio Lower Upper
 77 100
 123 43.9 34.1 51.1
 65 15.0 12.3 18.5

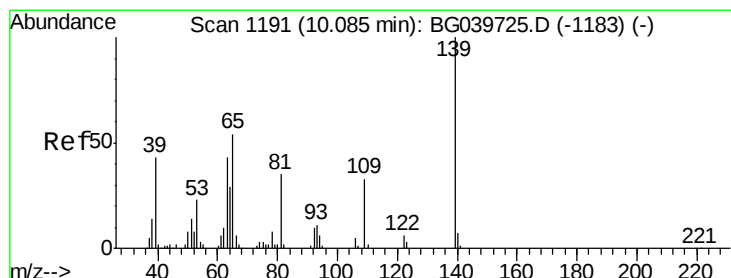
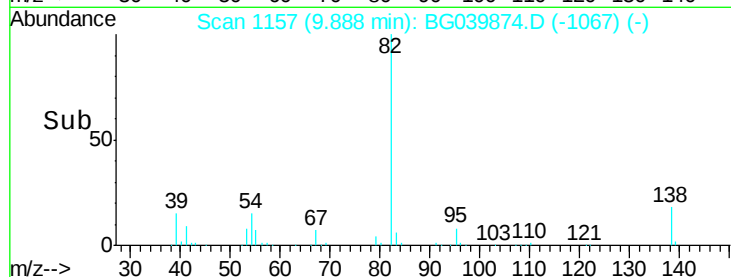
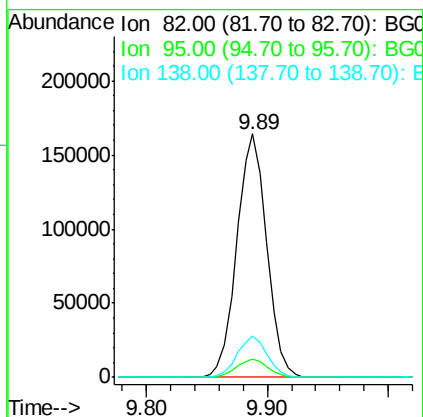
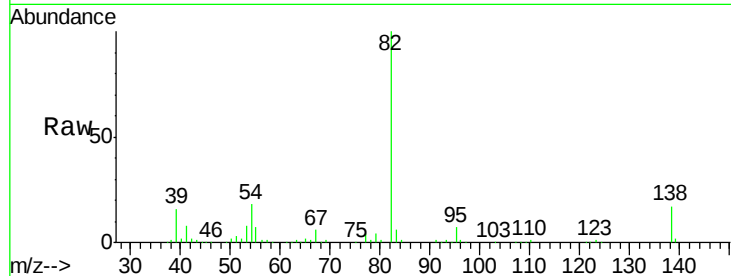




#25
Isophorone
Concen: 40.777 ng
RT: 9.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

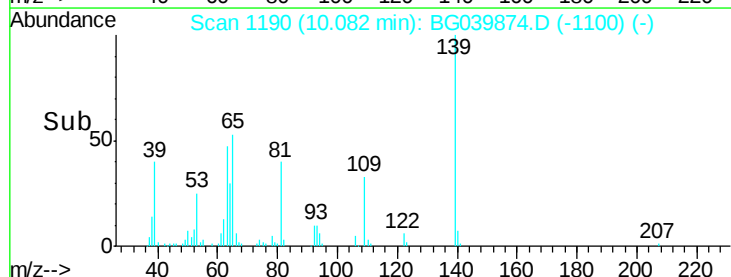
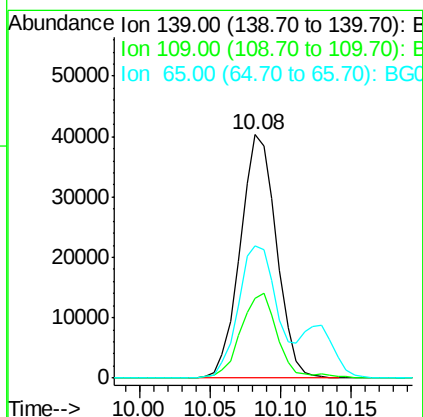
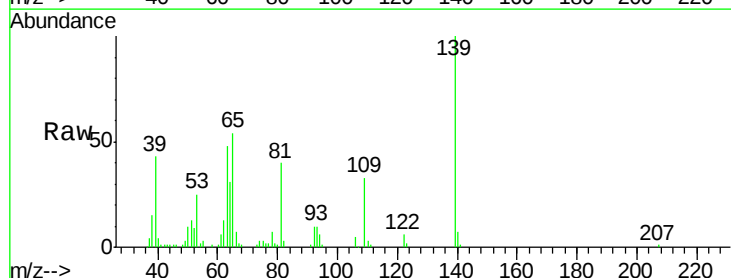
Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MS

Tgt Ion: 82 Resp: 282233
Ion Ratio Lower Upper
82 100
95 7.5 6.2 9.2
138 17.0 13.0 19.4



#26
2-Nitrophenol
Concen: 43.269 ng
RT: 10.08 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Tgt Ion: 139 Resp: 72396
Ion Ratio Lower Upper
139 100
109 33.0 23.4 35.0
65 54.3 44.3 66.5

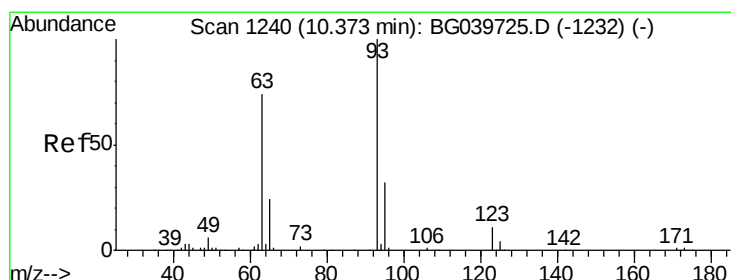
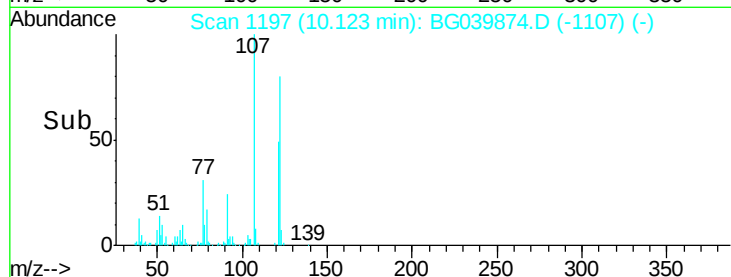
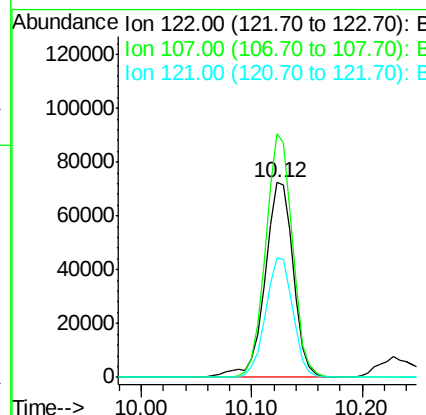
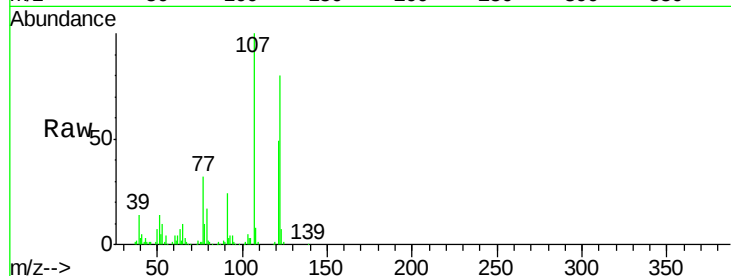




#27
2,4-Dimethylphenol
Concen: 50.331 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

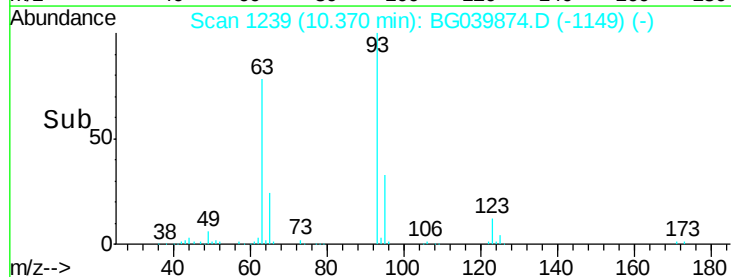
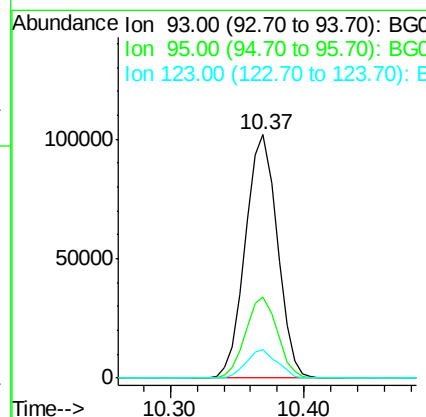
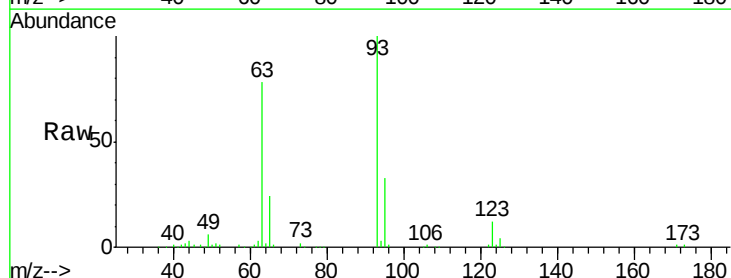
Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MS

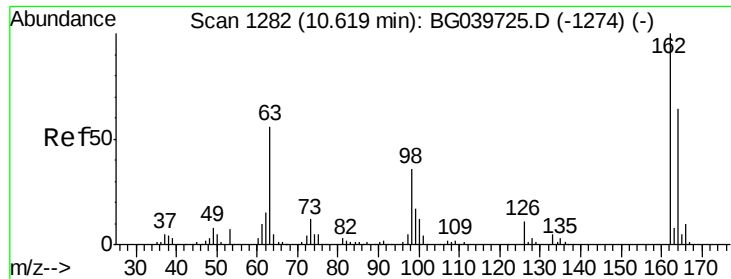
Tgt Ion: 122 Resp: 130972
Ion Ratio Lower Upper
122 100
107 125.0 91.7 137.5
121 61.5 46.4 69.6



#28
bis(2-Chloroethoxy)methane
Concen: 40.085 ng
RT: 10.37 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Tgt Ion: 93 Resp: 168603
Ion Ratio Lower Upper
93 100
95 33.5 25.0 37.4
123 11.6 8.6 12.8

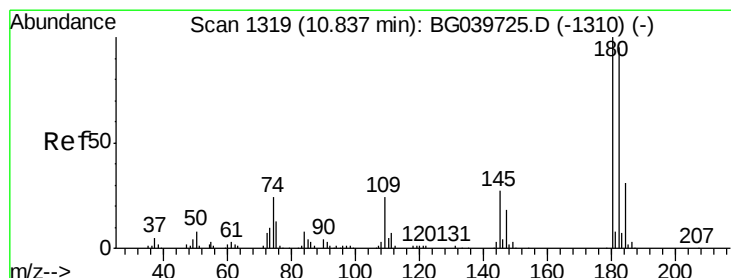
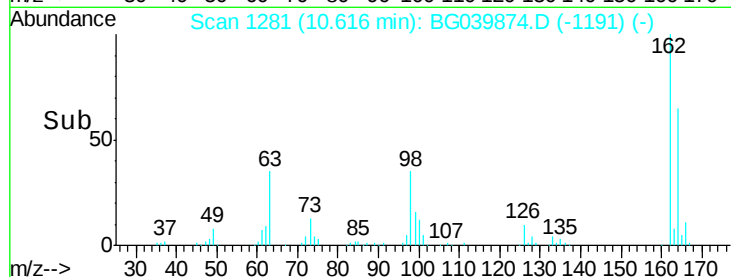
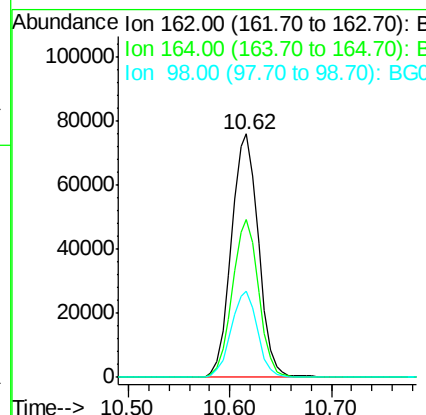
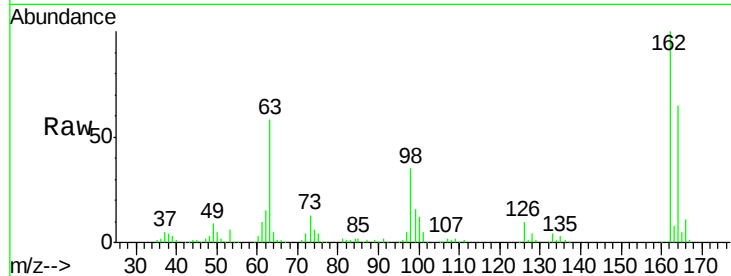




#29
 2,4-Dichlorophenol
 Concen: 47.832 ng
 RT: 10.62 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: BG039874.D
 Acq: 12 Mar 2019 14:56

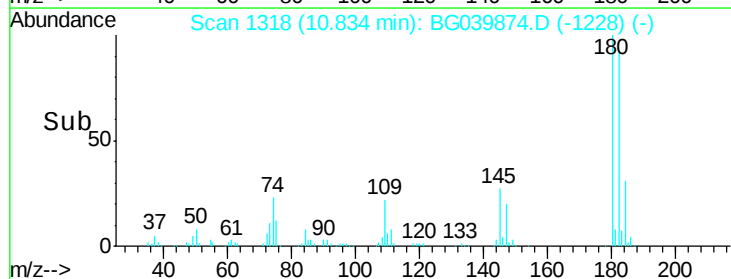
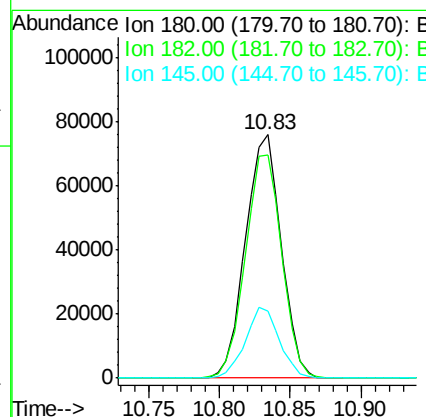
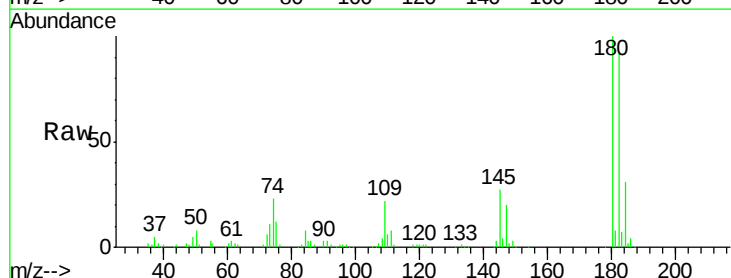
Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELD-SS-03072019MS

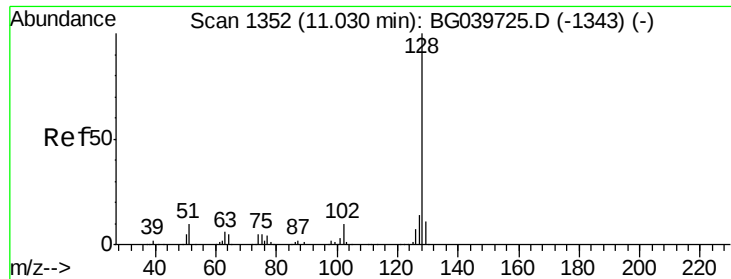
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.1	48.1	88.1
98	35.4	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.859 ng
 RT: 10.83 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BG039874.D
 Acq: 12 Mar 2019 14:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.8	76.0	114.0
145	27.4	22.7	34.1

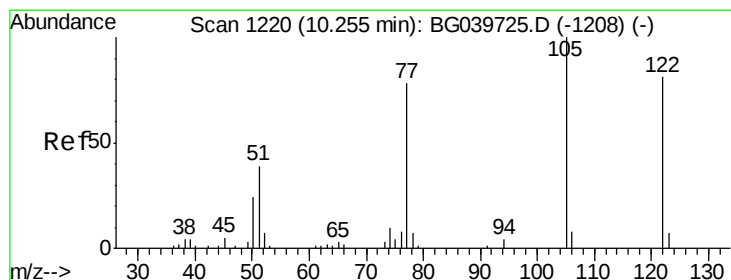
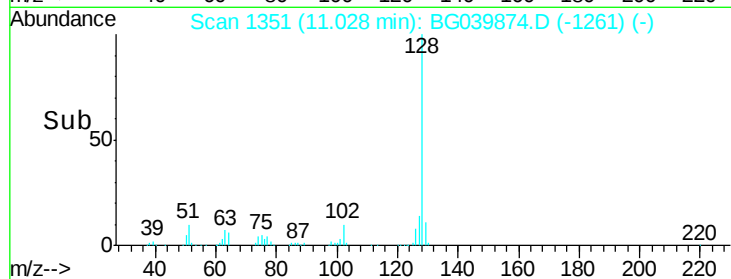
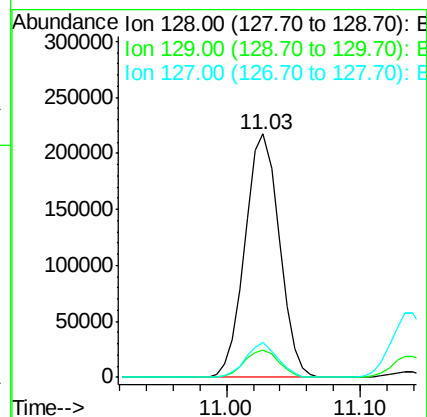
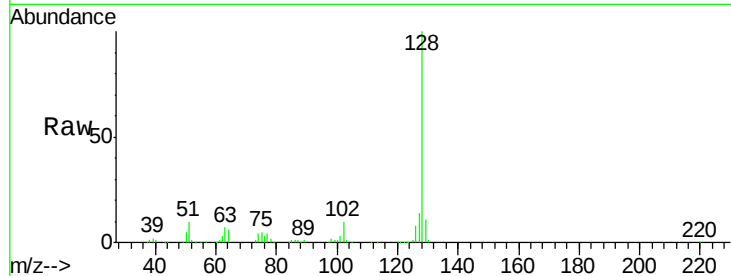




#31
Naphthalene
Concen: 40.944 ng
RT: 11.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

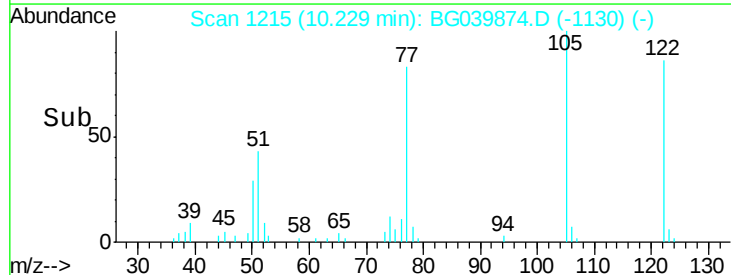
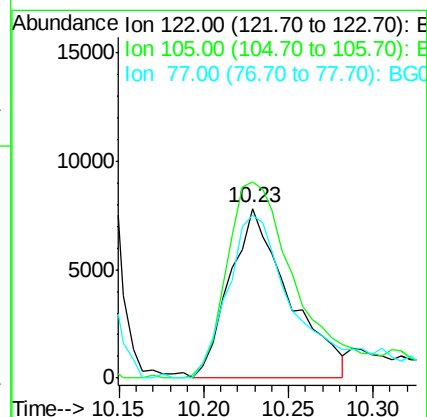
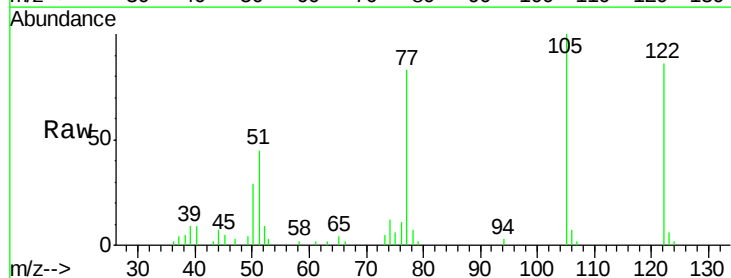
Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MS

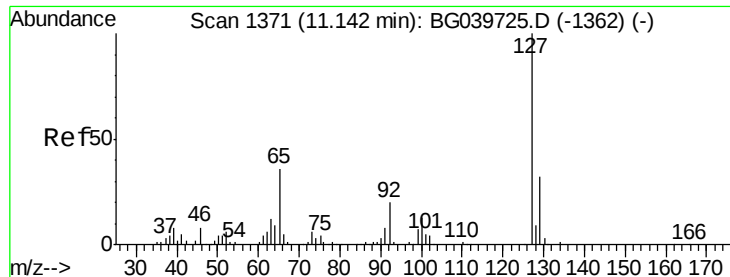
Tgt Ion:128 Resp: 387286
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 14.5 10.8 16.2



#32
Benzoic acid
Concen: 15.876 ng
RT: 10.23 min Scan# 1215
Delta R.T. -0.03 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Tgt Ion:122 Resp: 19219
Ion Ratio Lower Upper
122 100
105 116.1 101.8 141.8
77 96.1 76.3 116.3

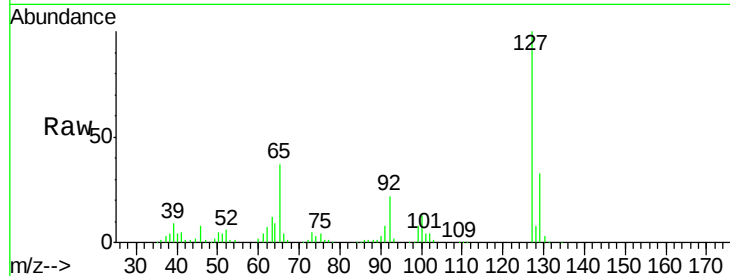




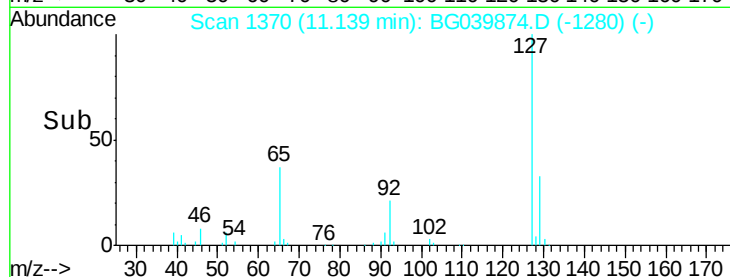
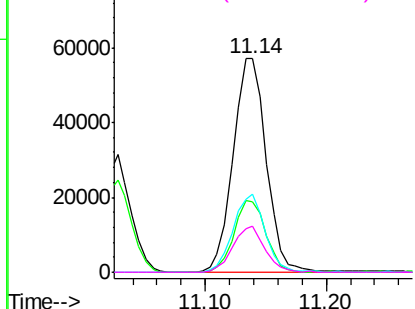
#33
4-Chloroaniline
Concen: 27.236 ng
RT: 11.14 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MS

Tgt Ion:	127	Resp:	109246
Ion	Ratio	Lower	Upper
127	100		
129	33.0	27.0	40.4
65	36.8	28.8	43.2
92	21.9	16.6	25.0

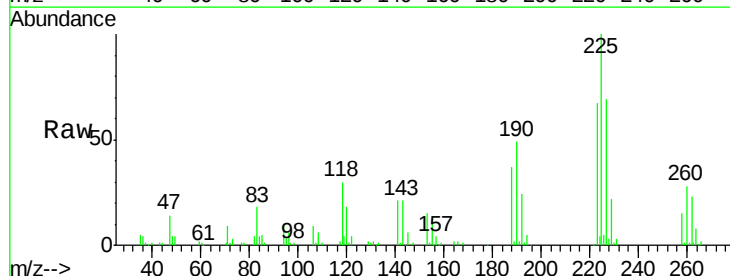


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

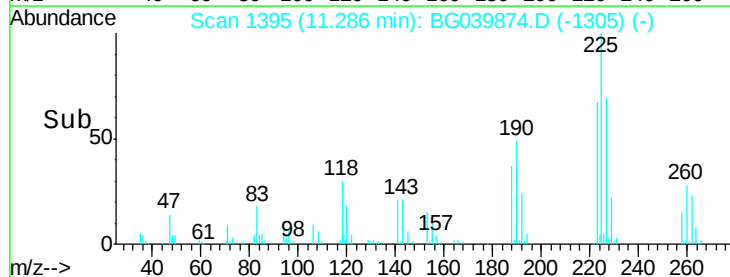
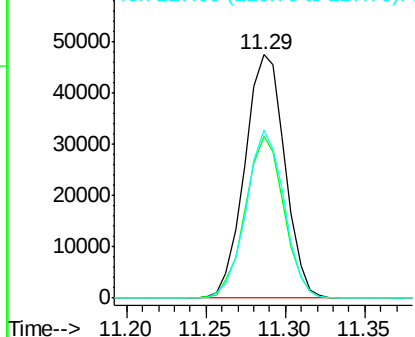


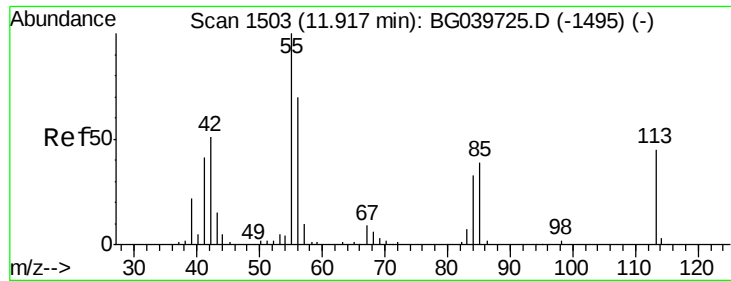
#34
Hexachlorobutadiene
Concen: 36.920 ng
RT: 11.29 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Tgt Ion:	225	Resp:	83175
Ion	Ratio	Lower	Upper
225	100		
223	66.6	49.0	73.6
227	68.8	46.3	69.5



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

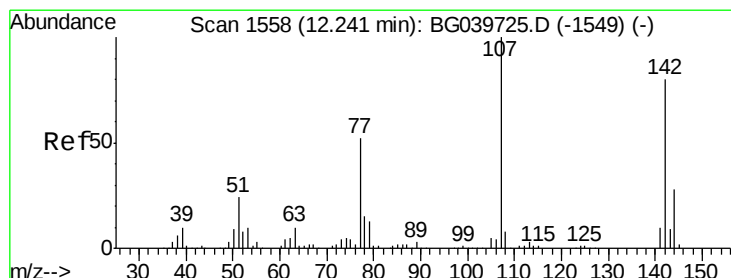
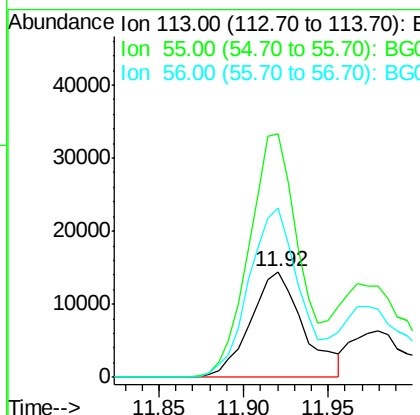
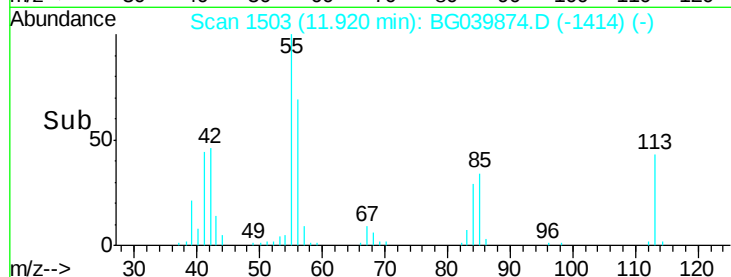
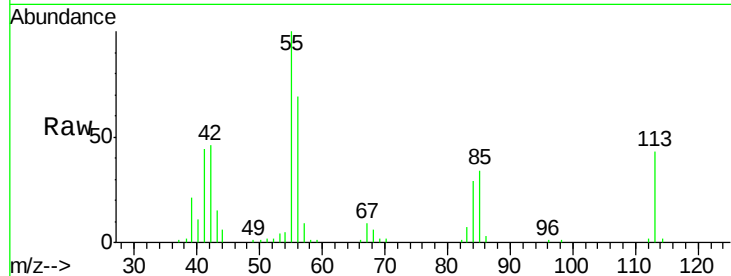




#35
 Caprolactam
 Concen: 27.797 ng
 RT: 11.92 min Scan# 1503
 Delta R.T. -0.00 min
 Lab File: BG039874.D
 Acq: 12 Mar 2019 14:56

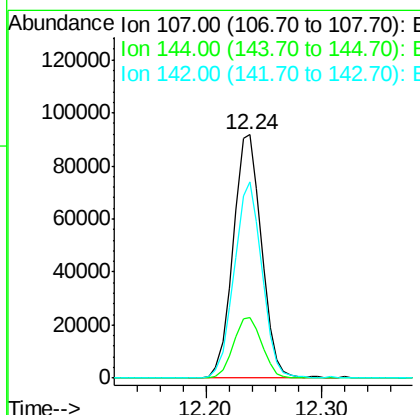
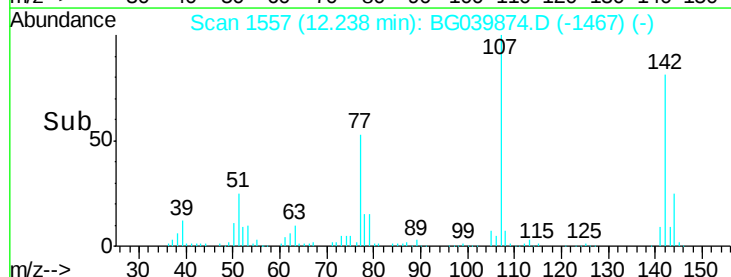
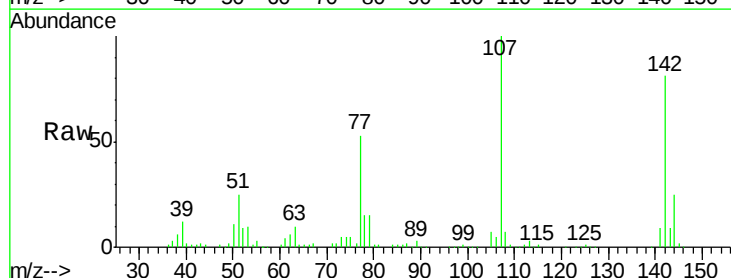
Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELD-SS-03072019MS

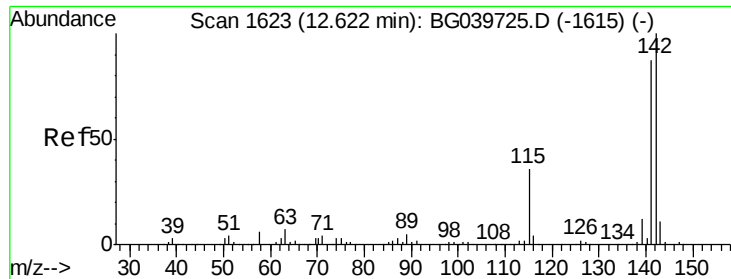
Tgt Ion:113 Resp: 31109
 Ion Ratio Lower Upper
 113 100
 55 230.0 216.9 256.9
 56 159.7 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 46.509 ng
 RT: 12.24 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: BG039874.D
 Acq: 12 Mar 2019 14:56

Tgt Ion:107 Resp: 156200
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.2 30.2
 142 80.8 61.4 92.2

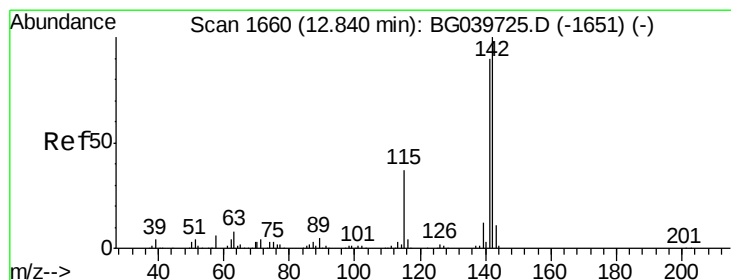
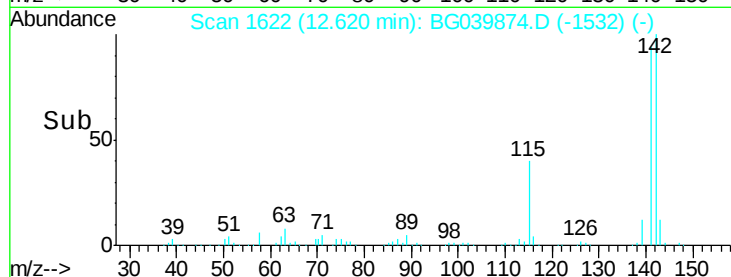
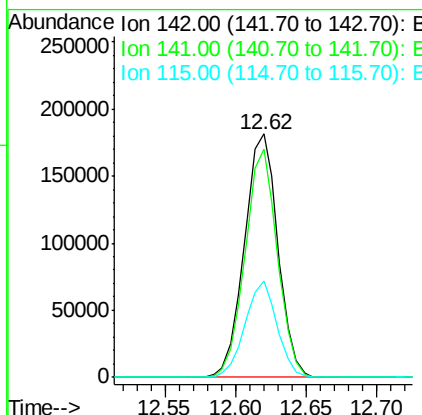
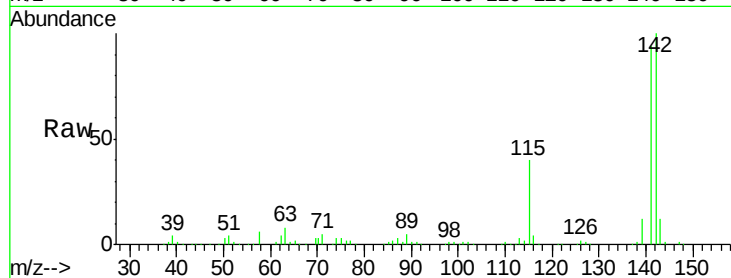




#37
2-Methylnaphthalene
Concen: 42.551 ng
RT: 12.62 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

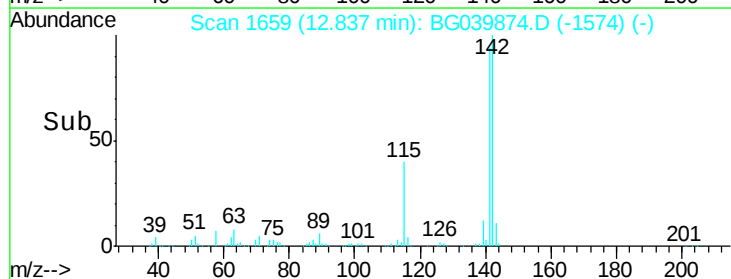
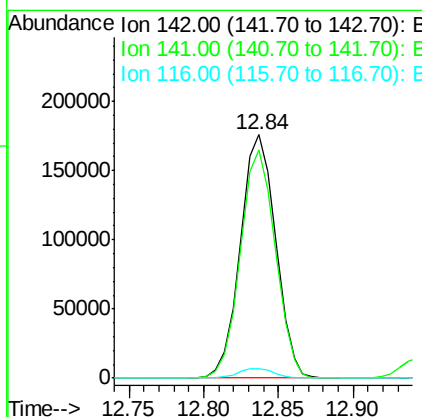
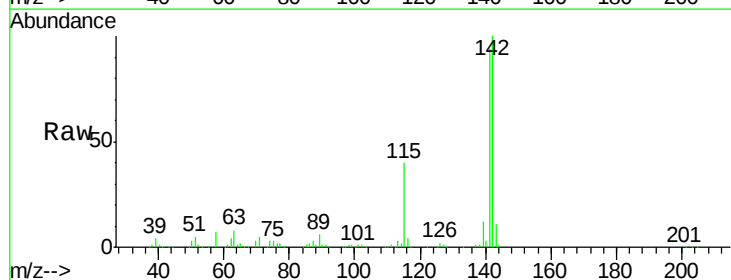
Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MS

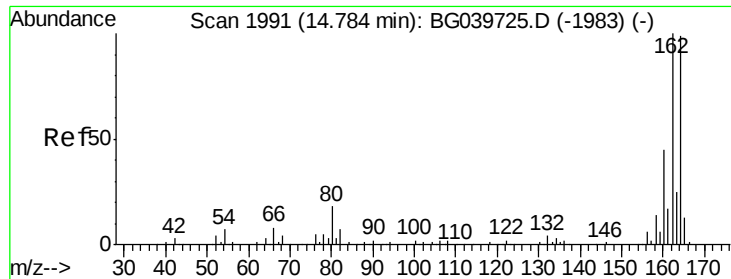
Tgt Ion:142 Resp: 300916
Ion Ratio Lower Upper
142 100
141 93.6 73.5 110.3
115 39.7 30.8 46.2



#38
1-Methylnaphthalene
Concen: 41.922 ng
RT: 12.84 min Scan# 1659
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Tgt Ion:142 Resp: 288108
Ion Ratio Lower Upper
142 100
141 93.7 74.2 111.4
116 3.9 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019MS

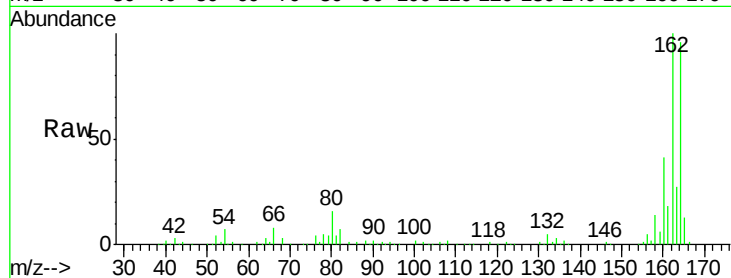
Tgt Ion:164 Resp: 126695

Ion Ratio Lower Upper

164 100

162 104.2 81.6 122.4

160 43.2 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

120000

100000

80000

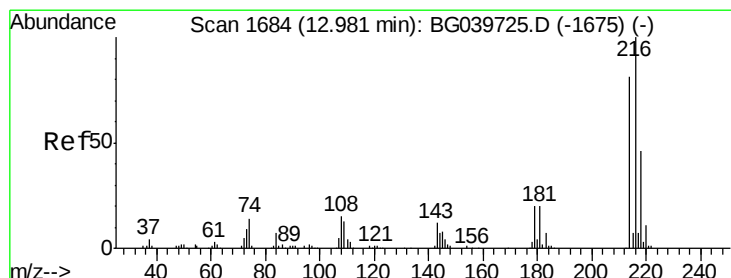
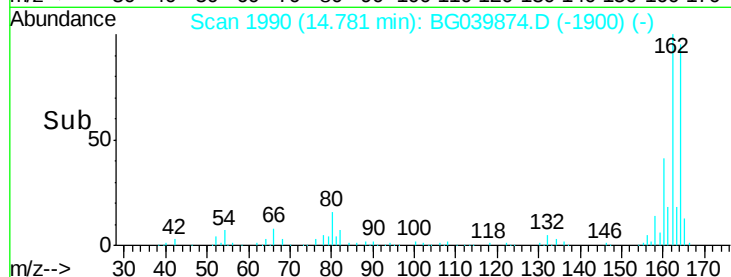
60000

40000

20000

0

Time--> 14.70 14.75 14.80 14.85



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.926 ng

RT: 12.98 min Scan# 1683

Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

Tgt Ion:216 Resp: 167075

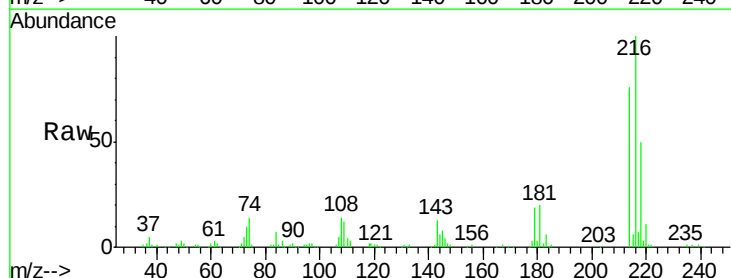
Ion Ratio Lower Upper

216 100

214 79.6 62.6 94.0

179 20.3 16.6 25.0

108 18.3 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

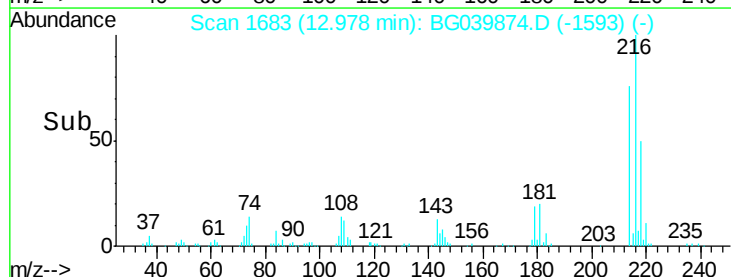
150000

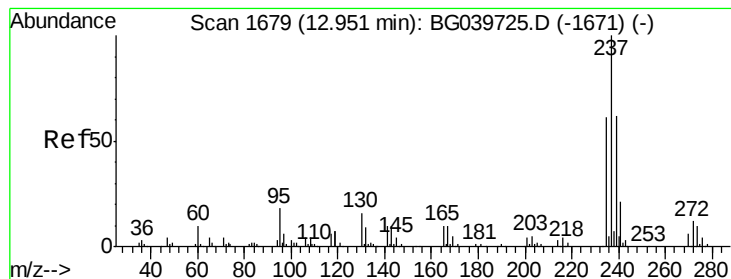
100000

50000

0

Time--> 12.90 12.95 13.00 13.05





#41

Hexachlorocyclopentadiene

Concen: 90.397 ng

RT: 12.94 min Scan# 1677

Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019MS

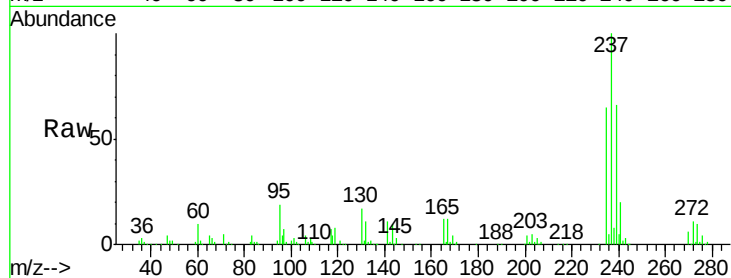
Tgt Ion:237 Resp: 207928

Ion Ratio Lower Upper

237 100

235 64.9 43.3 83.3

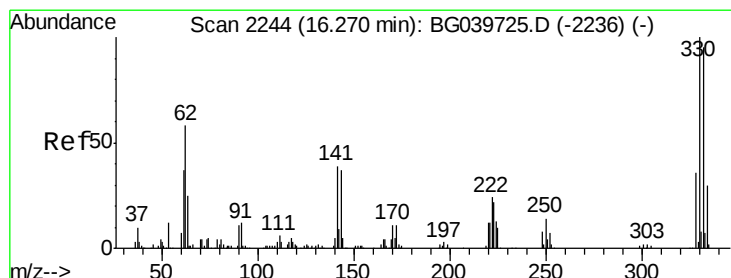
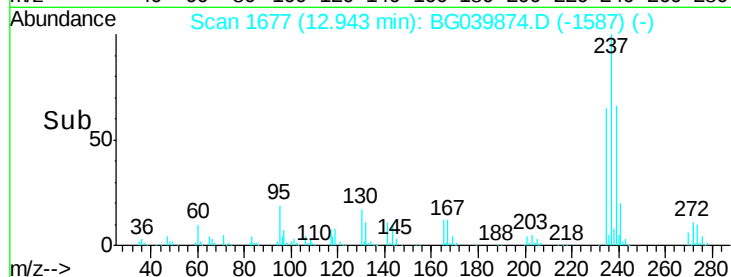
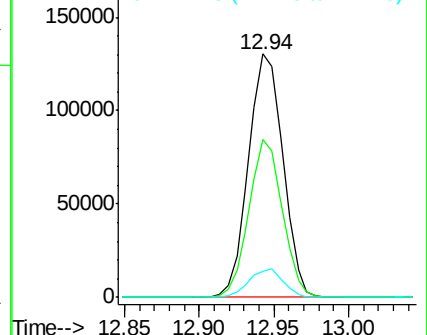
272 10.7 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 137.475 ng

RT: 16.27 min Scan# 2243

Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

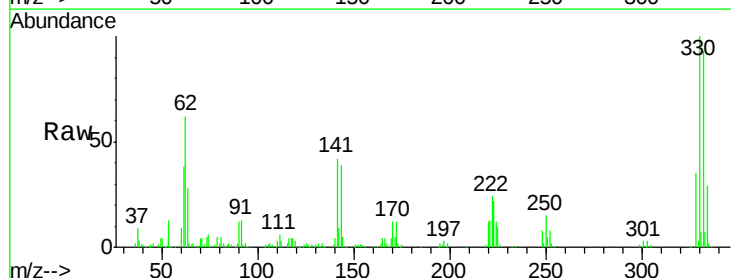
Tgt Ion:330 Resp: 203013

Ion Ratio Lower Upper

330 100

332 95.9 75.7 113.5

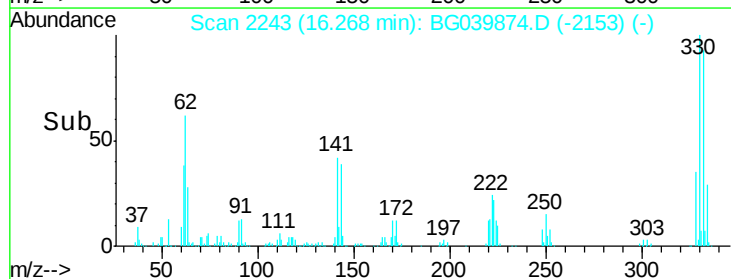
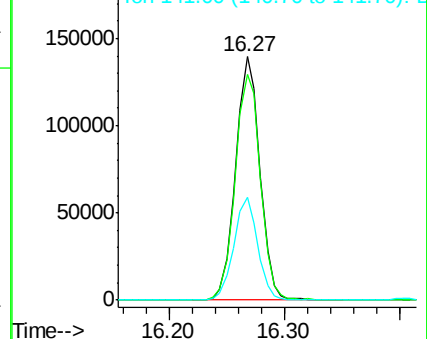
141 41.6 35.6 53.4



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

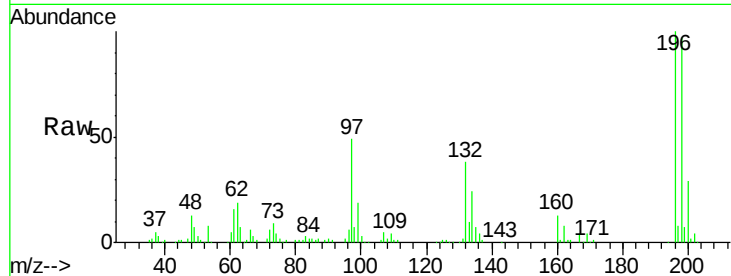




#43
 2,4,6-Trichlorophenol
 Concen: 47.781 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BG039874.D
 Acq: 12 Mar 2019 14:56

Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELD-SS-03072019MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.4	80.6	121.0
200	29.3	26.1	39.1

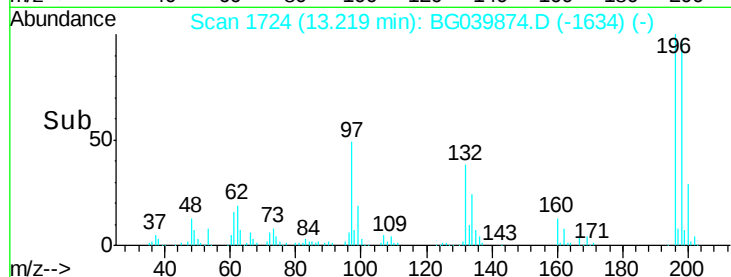
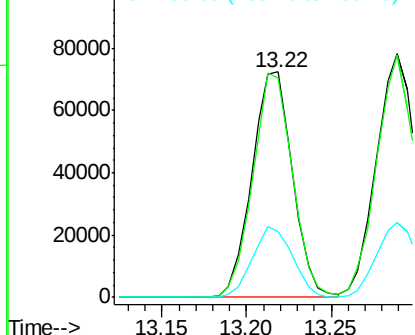


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 45.444 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BG039874.D
 Acq: 12 Mar 2019 14:56

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.3	78.5	117.7
97	46.9	38.4	57.6
132	25.9	19.2	28.8

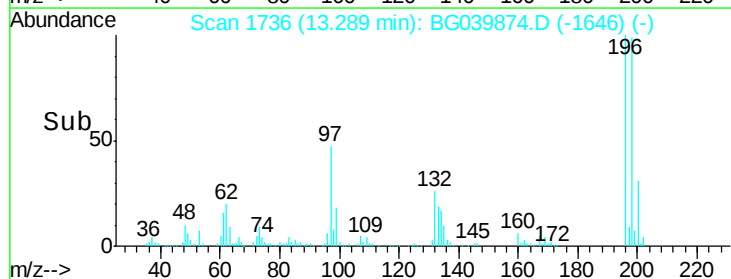
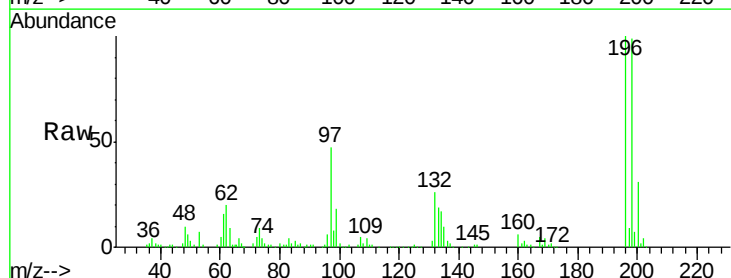
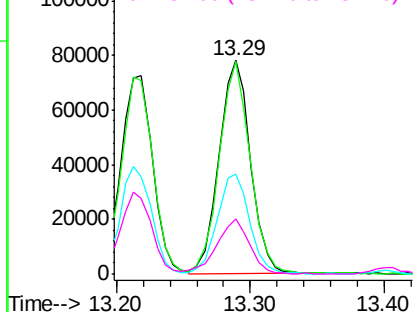
Abundance

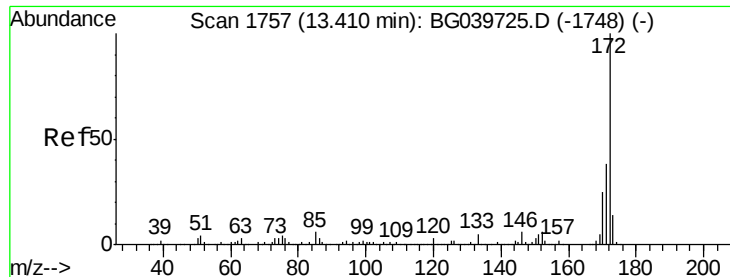
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

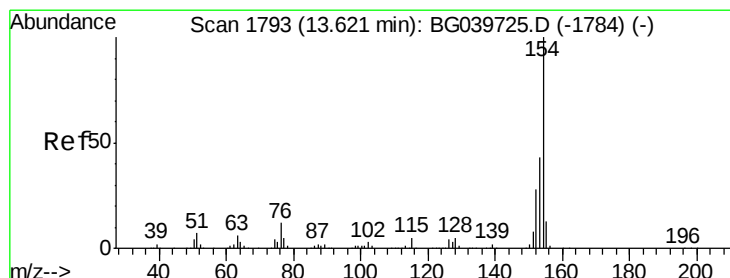
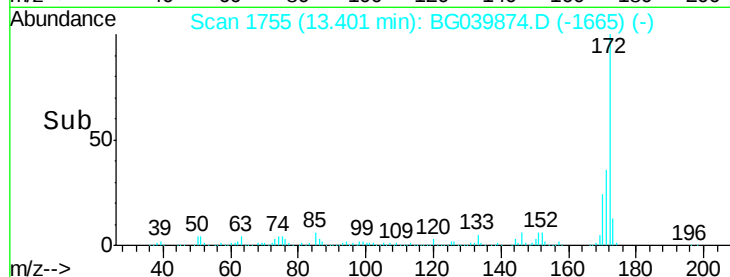
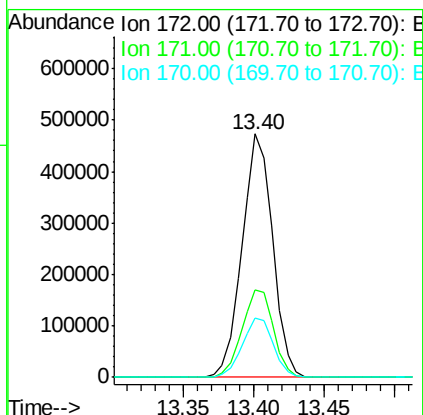
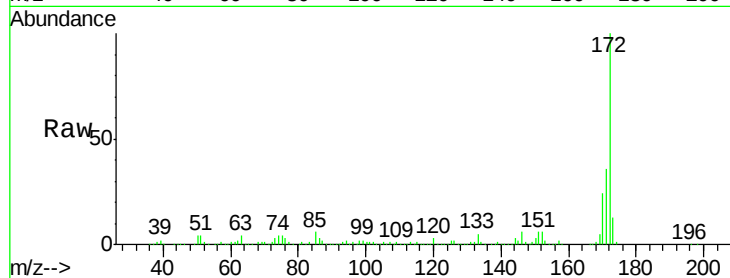




#45
2-Fluorobiphenyl
Concen: 80.337 ng
RT: 13.40 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

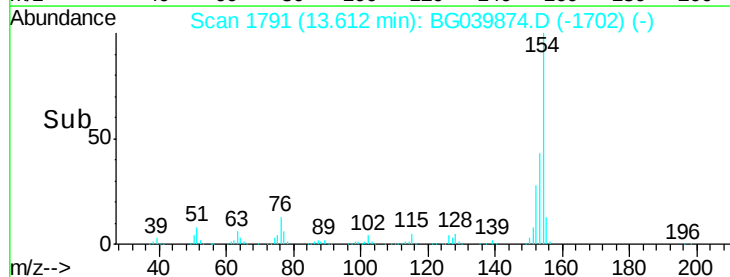
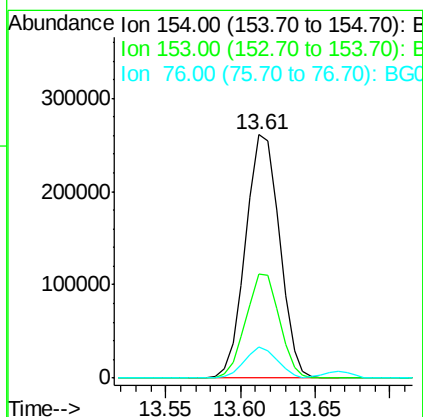
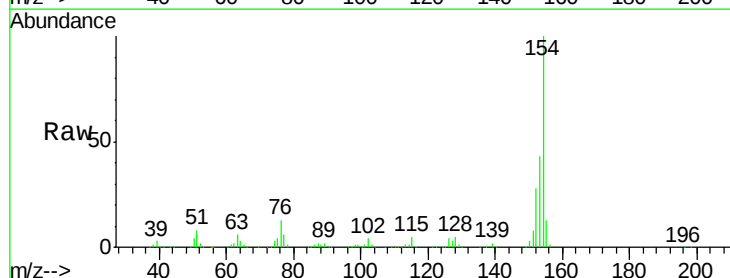
Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MS

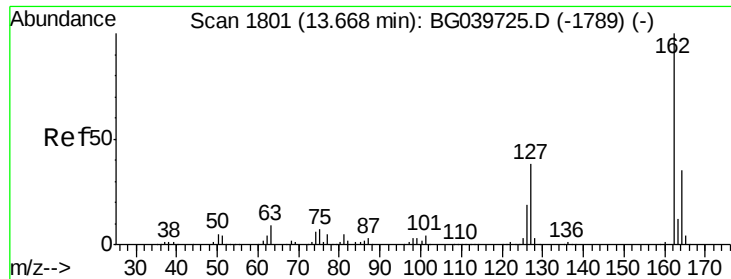
Tgt Ion:172 Resp: 714851
Ion Ratio Lower Upper
172 100
171 35.9 30.8 46.2
170 24.4 20.2 30.4



#46
1,1'-Biphenyl
Concen: 39.415 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Tgt Ion:154 Resp: 410724
Ion Ratio Lower Upper
154 100
153 42.8 22.1 62.1
76 12.8 0.0 32.4

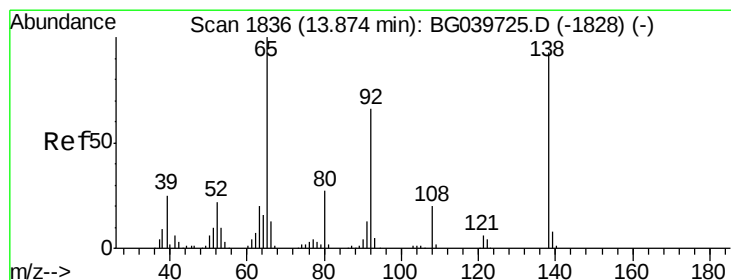
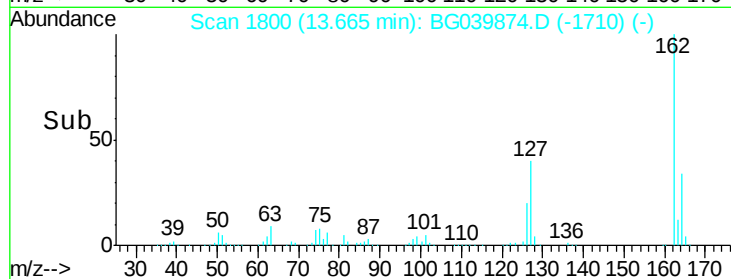
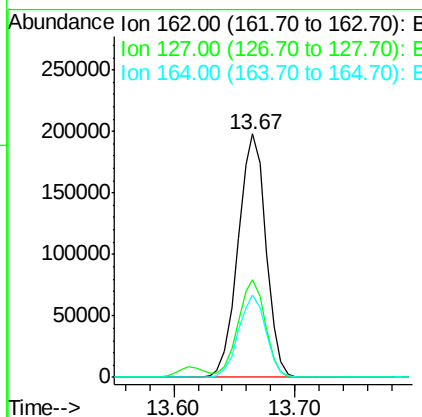
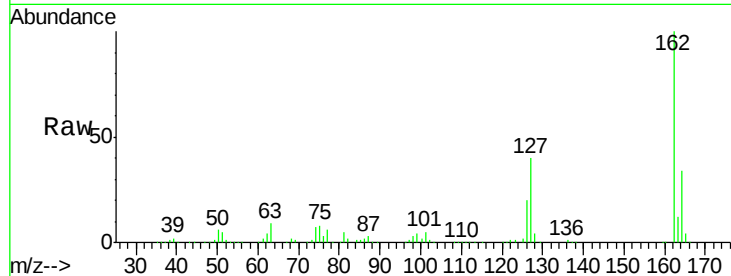




#47
 2-Chloronaphthalene
 Concen: 40.471 ng
 RT: 13.67 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: BG039874.D
 Acq: 12 Mar 2019 14:56

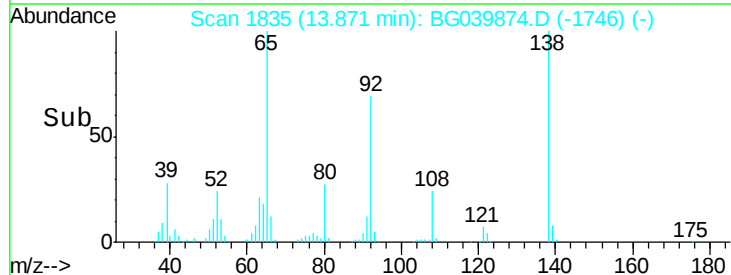
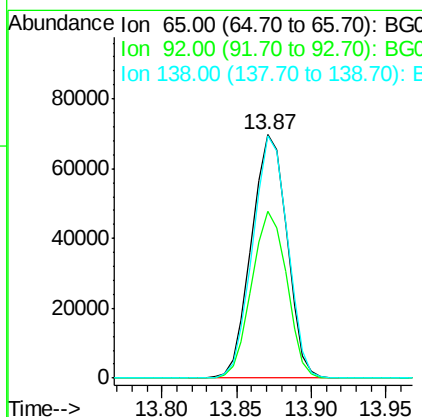
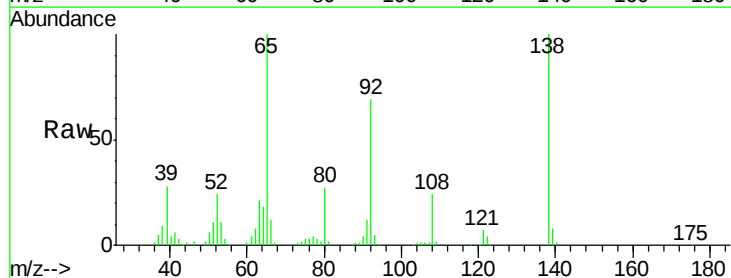
Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELD-SS-03072019MS

Tgt Ion: 162 Resp: 317266
 Ion Ratio Lower Upper
 162 100
 127 40.0 31.0 46.6
 164 33.7 25.7 38.5



#48
 2-Nitroaniline
 Concen: 45.555 ng
 RT: 13.87 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: BG039874.D
 Acq: 12 Mar 2019 14:56

Tgt Ion: 65 Resp: 114767
 Ion Ratio Lower Upper
 65 100
 92 68.7 51.4 77.2
 138 99.7 71.4 107.2





#49

Acenaphthylene

Concen: 40.599 ng

RT: 14.51 min Scan# 1943

Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019MS

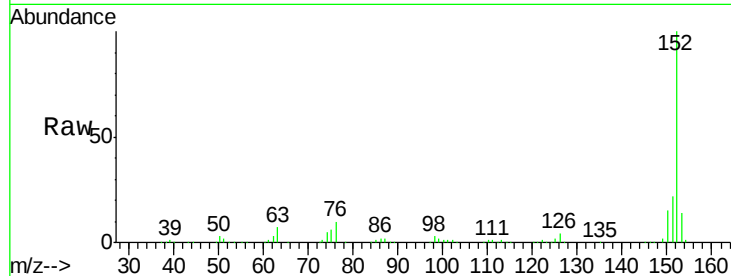
Tgt Ion:152 Resp: 522462

Ion Ratio Lower Upper

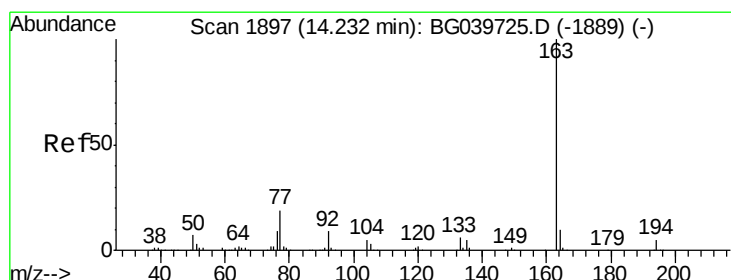
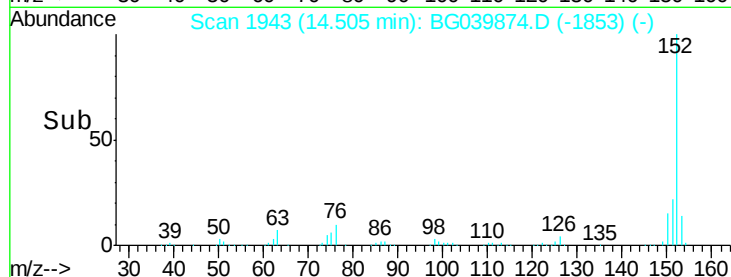
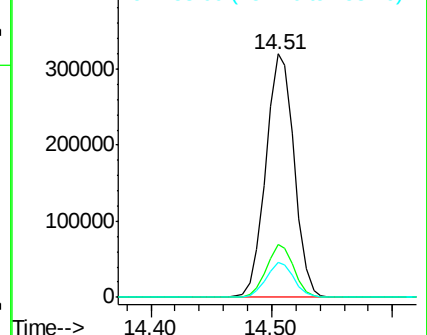
152 100

151 21.6 16.8 25.2

153 14.3 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 47.017 ng

RT: 14.23 min Scan# 1896

Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

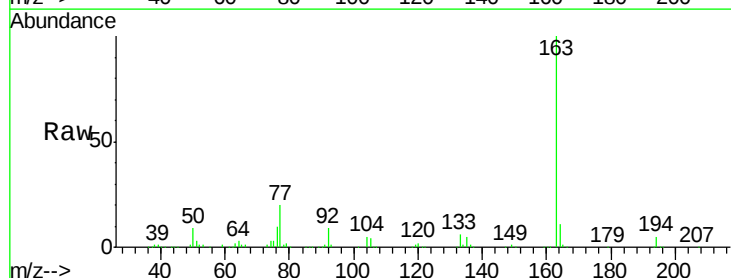
Tgt Ion:163 Resp: 498101

Ion Ratio Lower Upper

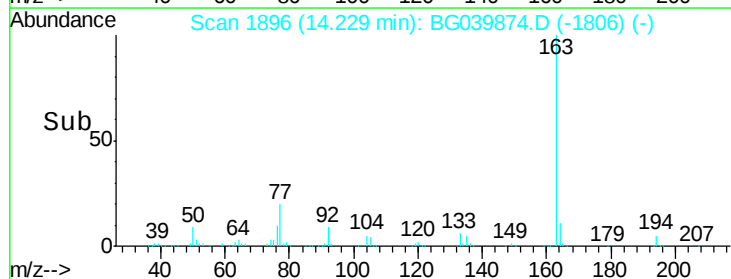
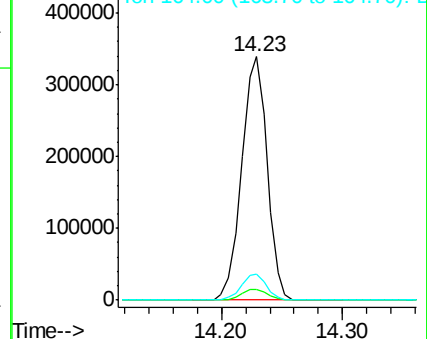
163 100

194 4.6 3.6 5.4

164 10.7 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

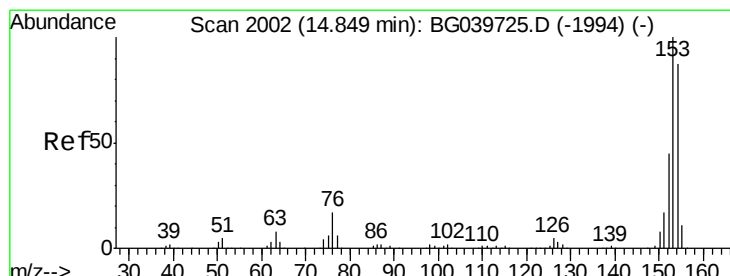
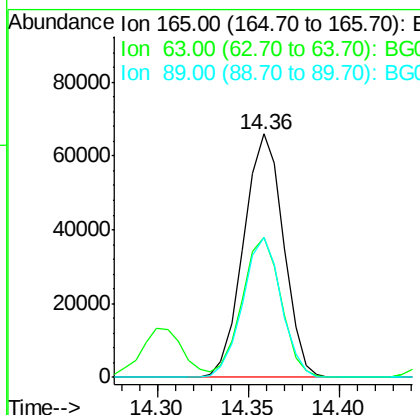
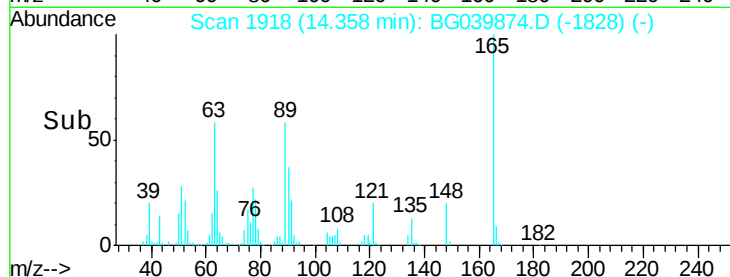
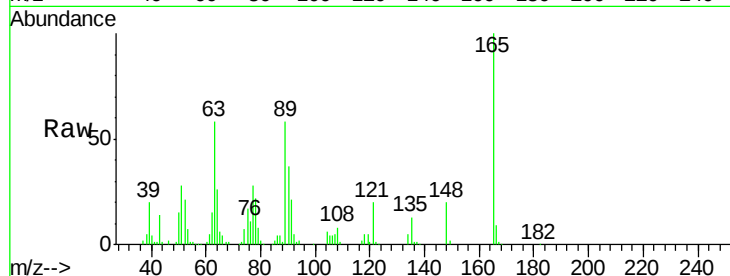




#51
2,6-Dinitrotoluene
Concen: 44.896 ng
RT: 14.36 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

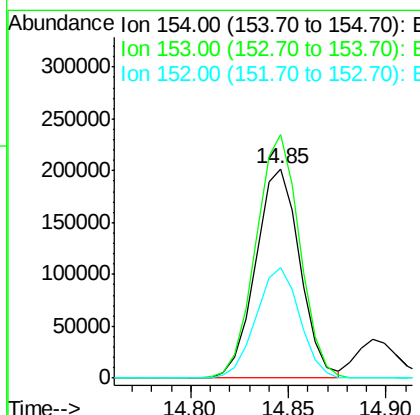
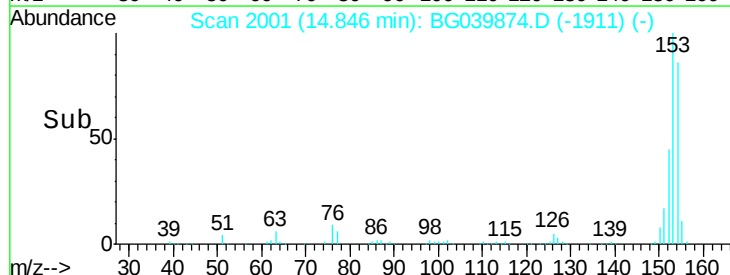
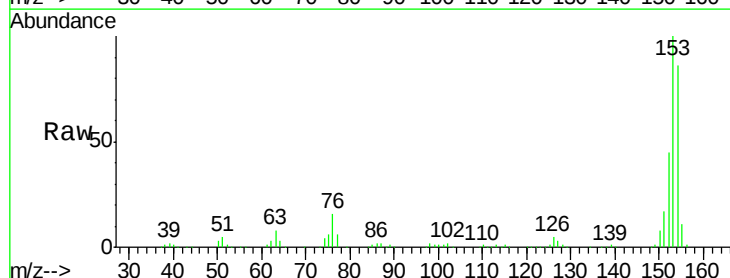
Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MS

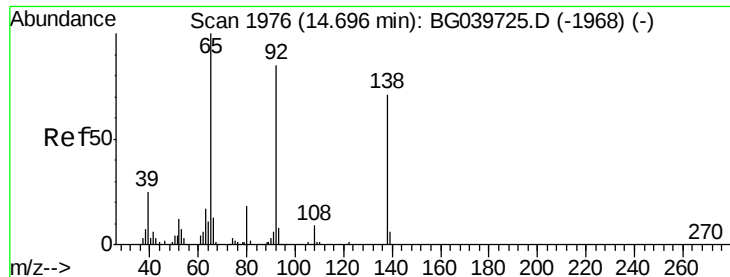
Tgt Ion:165 Resp: 100833
Ion Ratio Lower Upper
165 100
63 57.6 47.0 70.6
89 57.6 45.8 68.8



#52
Acenaphthene
Concen: 40.999 ng
RT: 14.85 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Tgt Ion:154 Resp: 317555
Ion Ratio Lower Upper
154 100
153 116.1 90.1 135.1
152 52.6 40.9 61.3

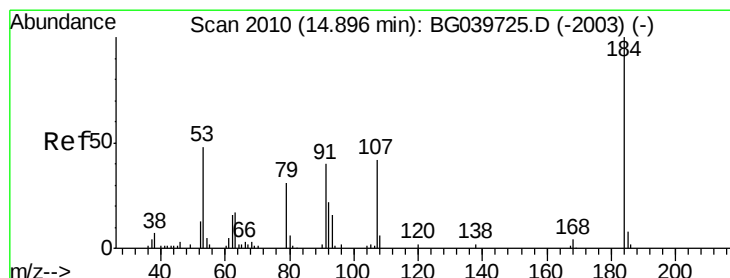
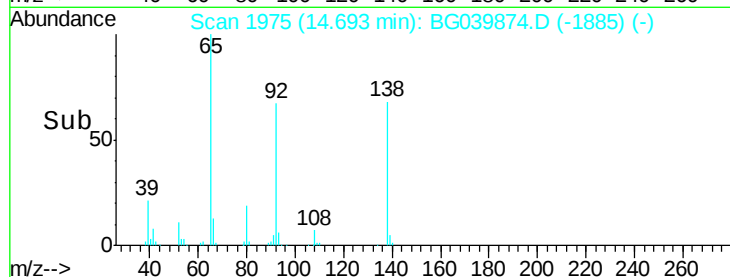
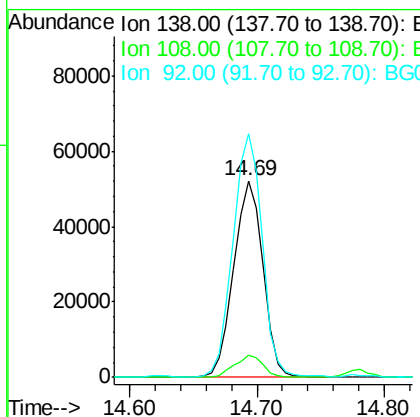
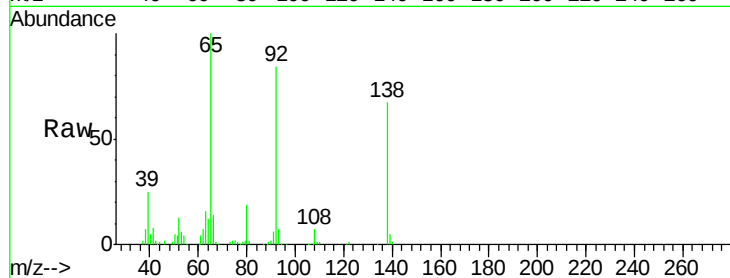




#53
3-Nitroaniline
Concen: 36.703 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

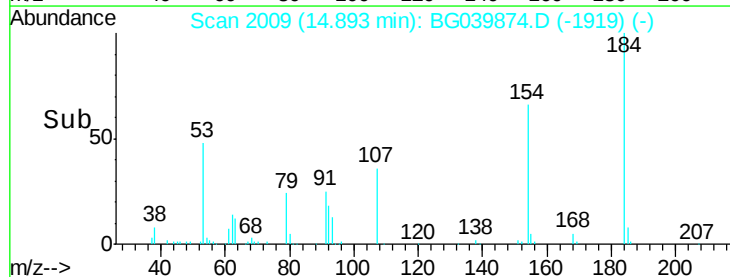
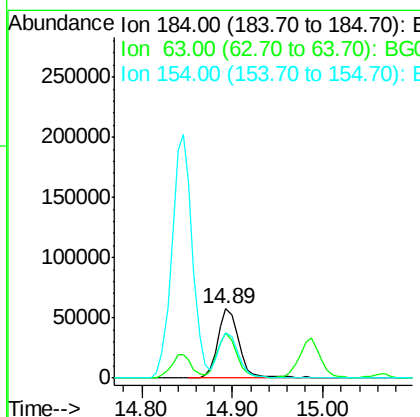
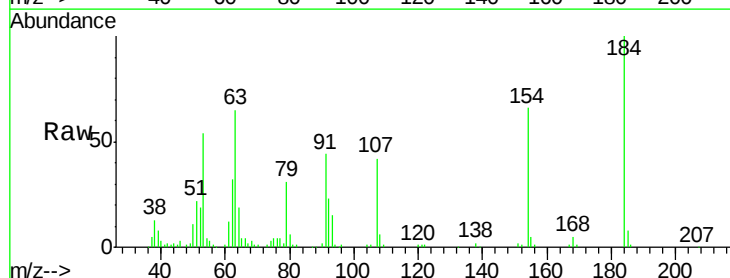
Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MS

Tgt Ion:138 Resp: 82861
Ion Ratio Lower Upper
138 100
108 11.1 13.8 20.8#
92 124.0 103.7 155.5



#54
2,4-Dinitrophenol
Concen: 67.249 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Tgt Ion:184 Resp: 93978
Ion Ratio Lower Upper
184 100
63 64.9 50.9 76.3
154 65.6 53.0 79.6





#55

Dibenzenofuran

Concen: 41.643 ng

RT: 15.17 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019MS

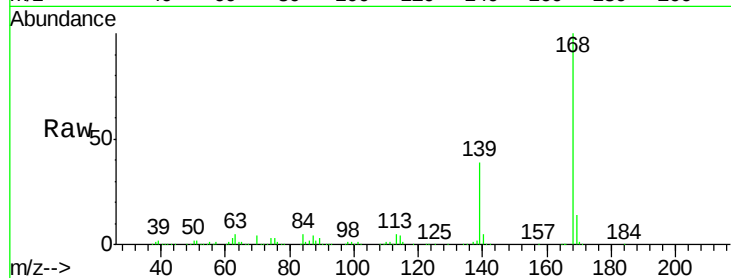
Tgt Ion:168 Resp: 529194

Ion Ratio Lower Upper

168 100

139 38.8 30.1 45.1

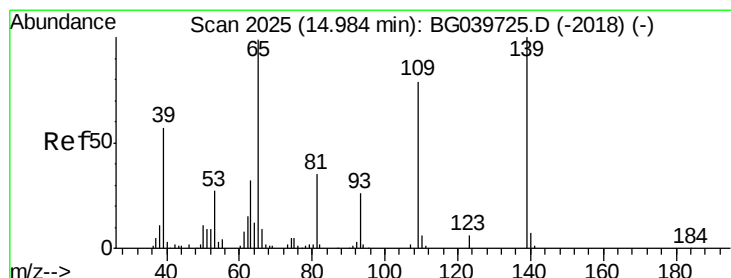
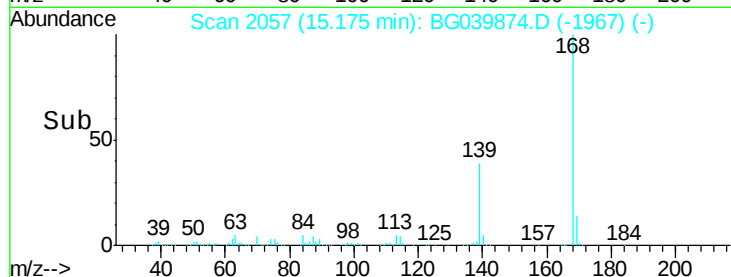
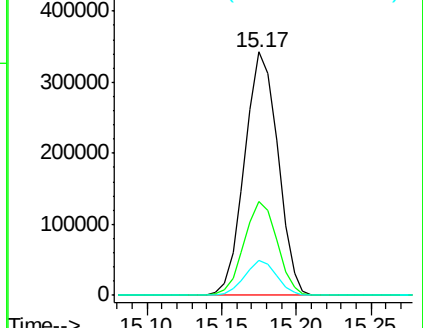
169 14.2 10.6 16.0



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: 83.554 ng

RT: 14.99 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

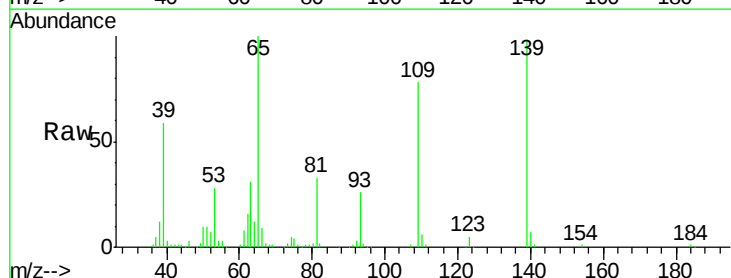
Tgt Ion:139 Resp: 168744

Ion Ratio Lower Upper

139 100

109 80.0 61.9 101.9

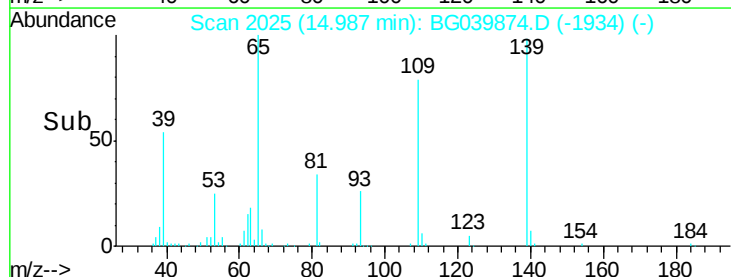
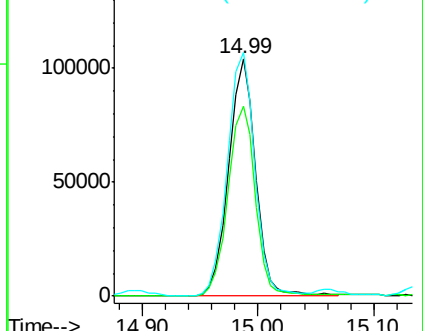
65 102.6 99.1 139.1

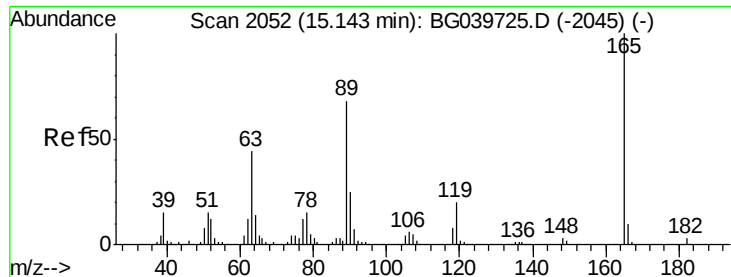


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

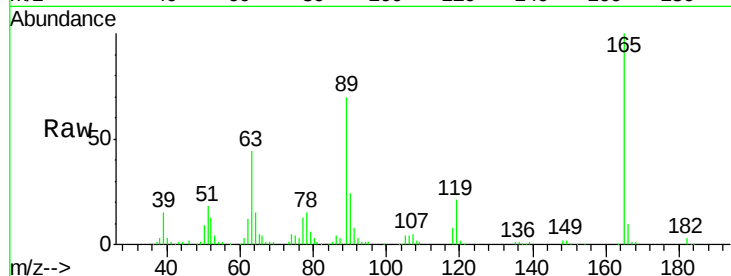




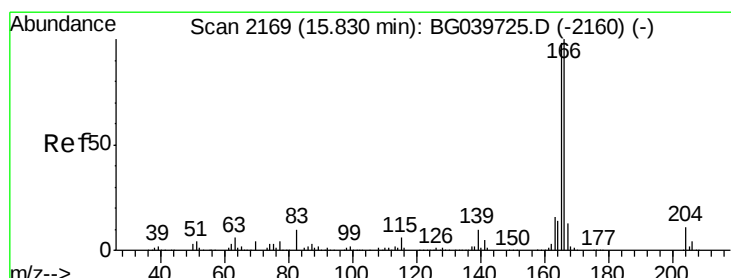
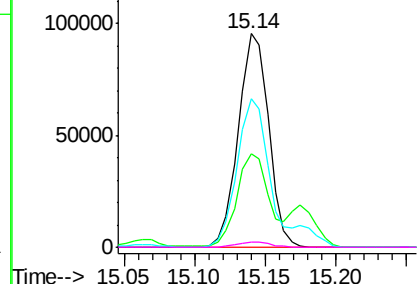
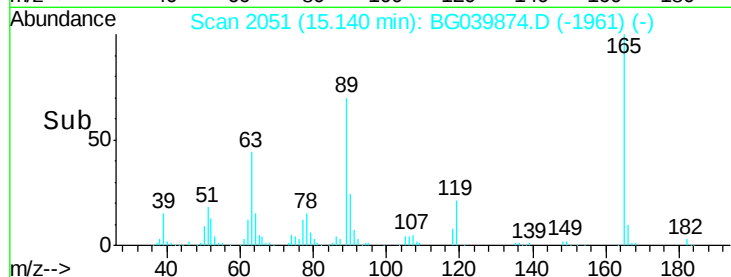
#57
2,4-Dinitrotoluene
Concen: 45.217 ng
RT: 15.14 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MS

Tgt Ion:	165	Resp:	142693
Ion	Ratio	Lower	Upper
165	100		
63	43.5	41.0	61.6
89	69.5	64.6	96.8
182	2.6	2.0	3.0

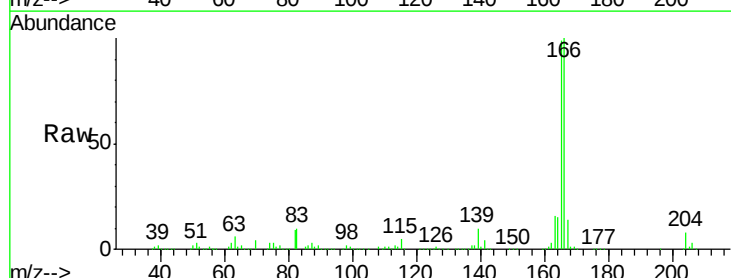


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

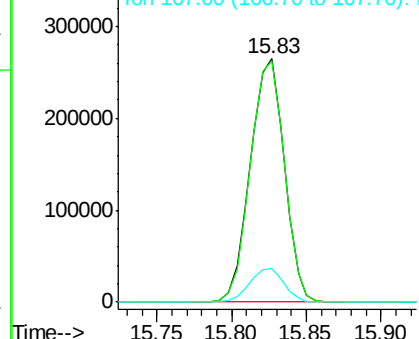
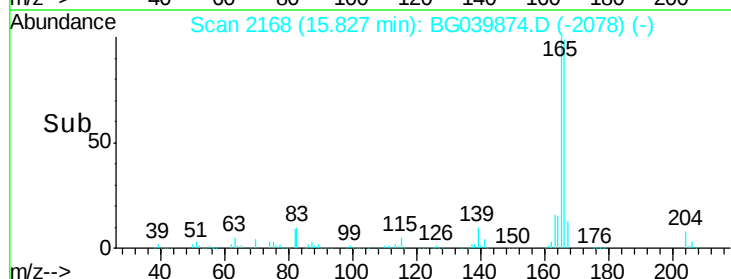


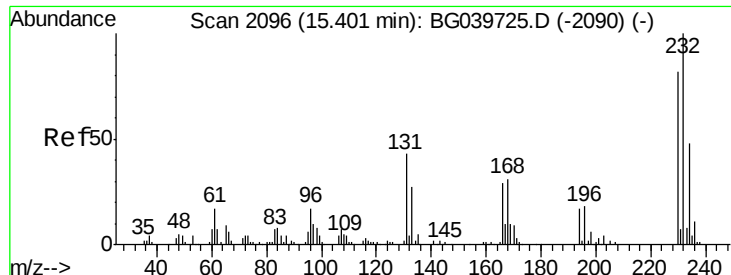
#58
Fluorene
Concen: 41.519 ng
RT: 15.83 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Tgt Ion:	166	Resp:	414777
Ion	Ratio	Lower	Upper
166	100		
165	99.0	77.9	116.9
167	13.8	10.8	16.2



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

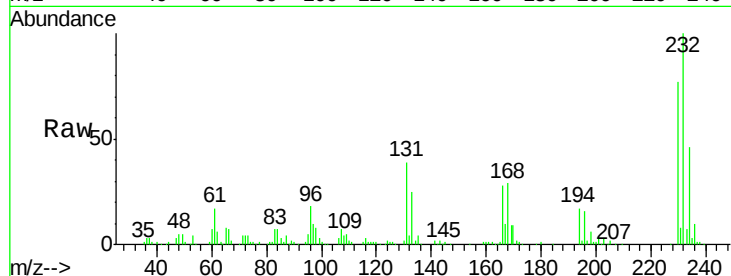




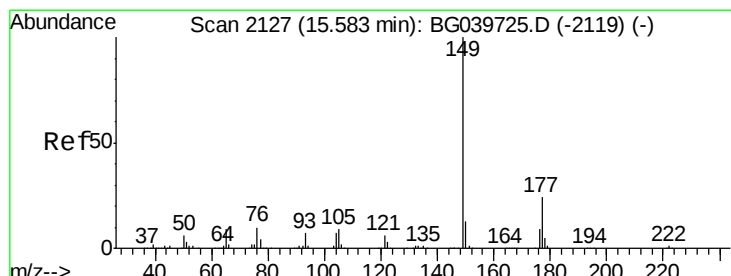
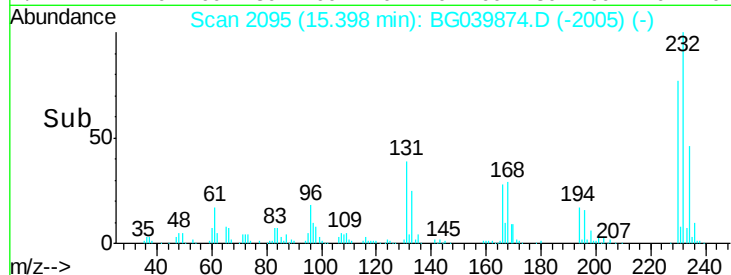
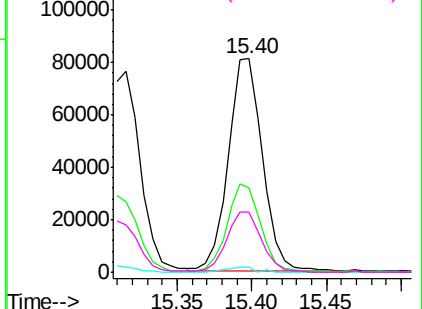
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.831 ng
RT: 15.40 min Scan# 2095
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MS

Tgt Ion:232 Resp: 129544
Ion Ratio Lower Upper
232 100
131 41.1 34.9 52.3
130 2.2 2.0 3.0
166 28.7 24.1 36.1

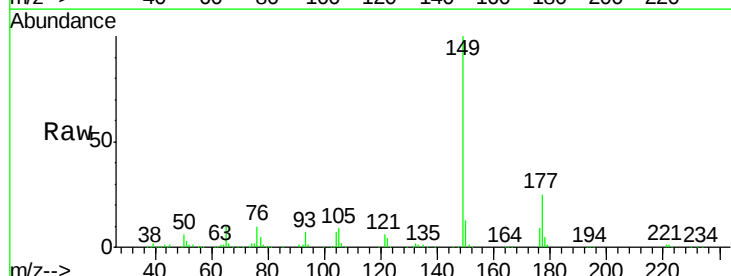


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

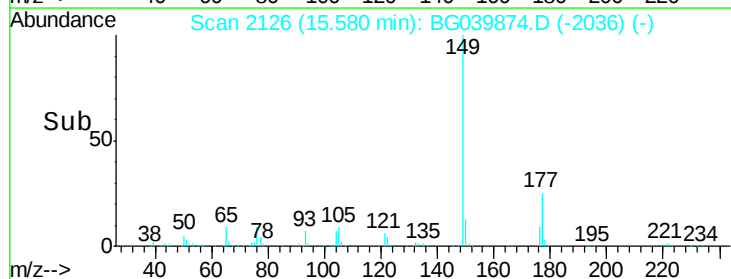
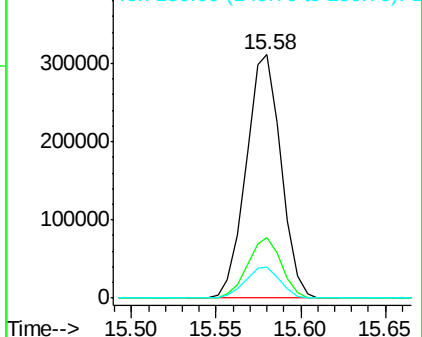


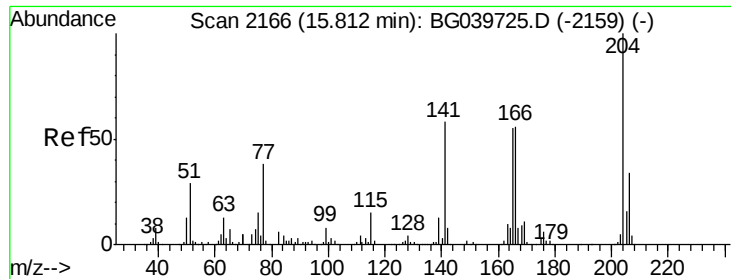
#60
Diethylphthalate
Concen: 42.429 ng
RT: 15.58 min Scan# 2126
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Tgt Ion:149 Resp: 444973
Ion Ratio Lower Upper
149 100
177 24.7 18.3 27.5
150 12.6 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

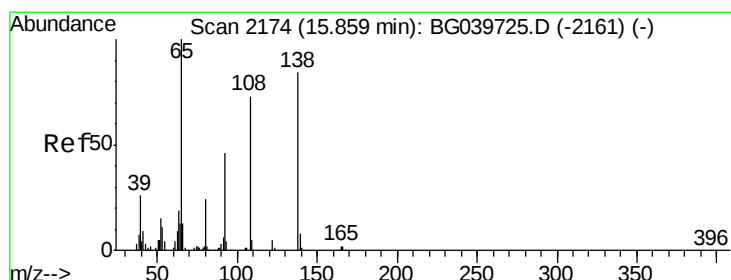
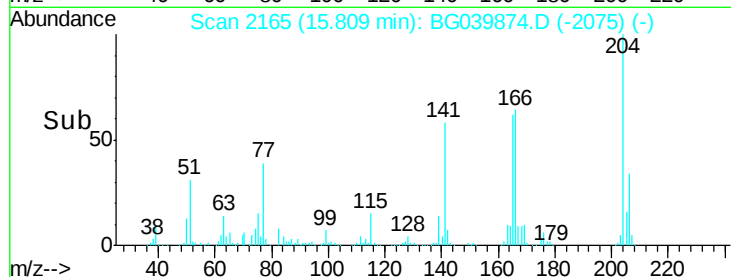
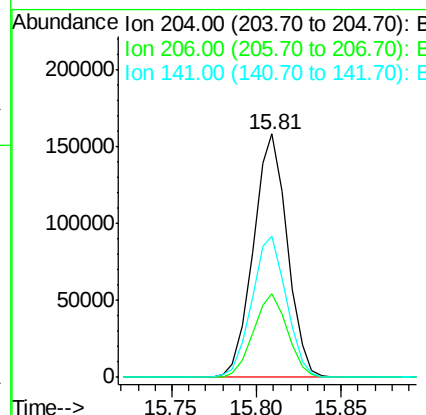
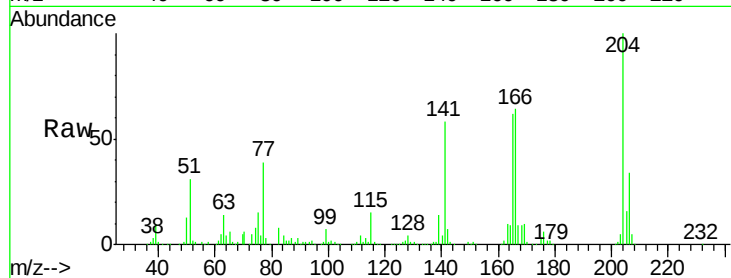




#61
4-Chlorophenyl-phenylether
Concen: 41.423 ng
RT: 15.81 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

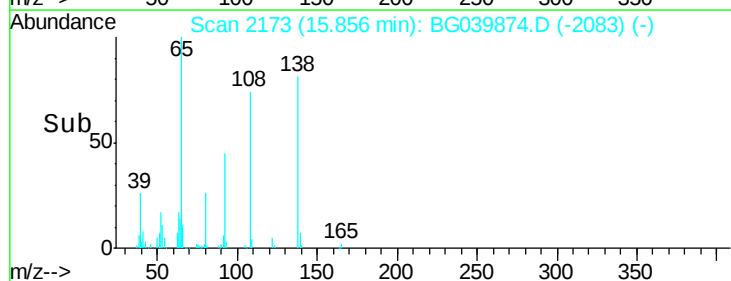
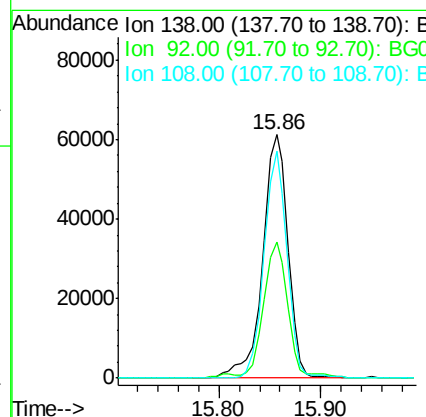
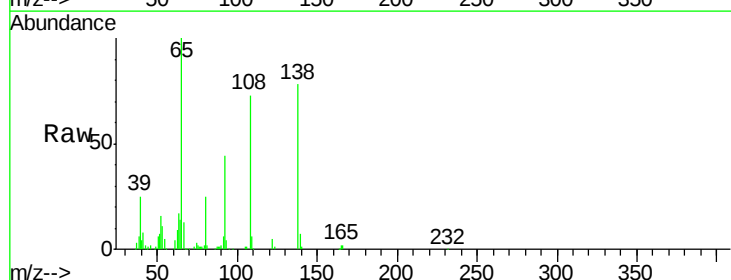
Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MS

Tgt Ion: 204 Resp: 220828
Ion Ratio Lower Upper
204 100
206 34.2 29.2 43.8
141 57.8 49.0 73.4



#62
4-Nitroaniline
Concen: 43.275 ng
RT: 15.86 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Tgt Ion: 138 Resp: 105915
Ion Ratio Lower Upper
138 100
92 56.1 38.7 78.7
108 93.4 74.6 114.6





#63

Azobenzene

Concen: 42.518 ng

RT: 16.10 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019MS

Tgt Ion: 77 Resp: 404197

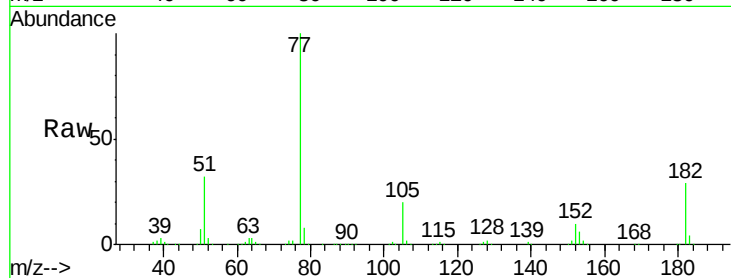
Ion Ratio Lower Upper

77 100

182 29.2 6.4 46.4

105 20.1 0.0 39.8

51 32.1 14.1 54.1

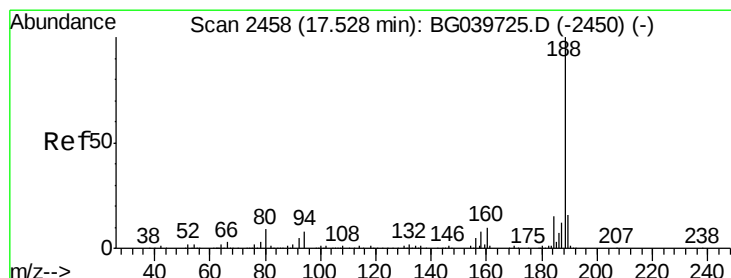
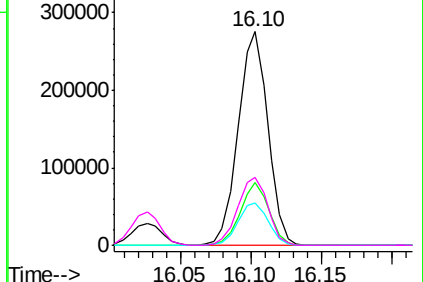
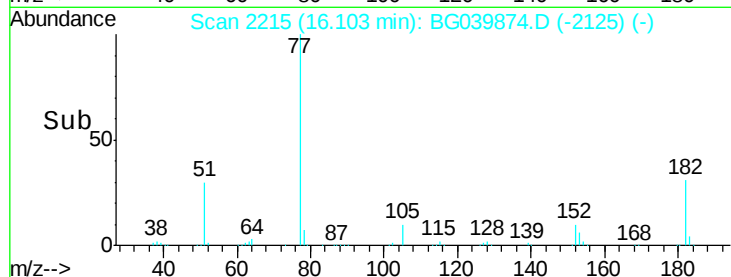


Abundance Ion 77.00 (76.70 to 77.70): BGC

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. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

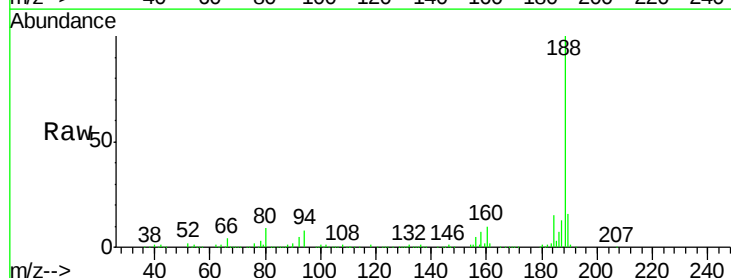
Tgt Ion: 188 Resp: 311103

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

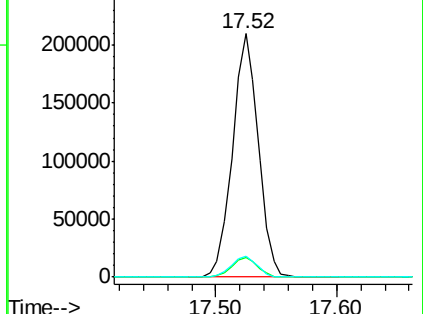
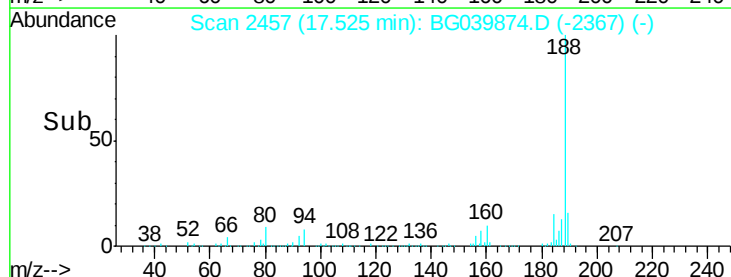
80 8.6 8.1 12.1

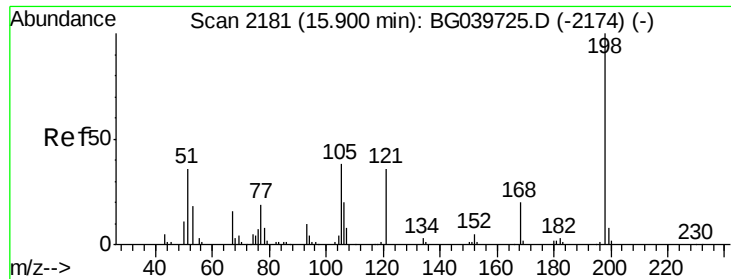


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

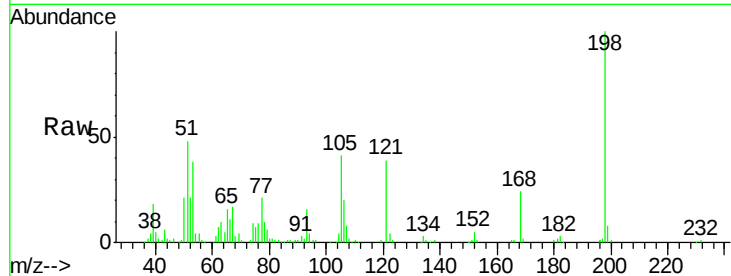




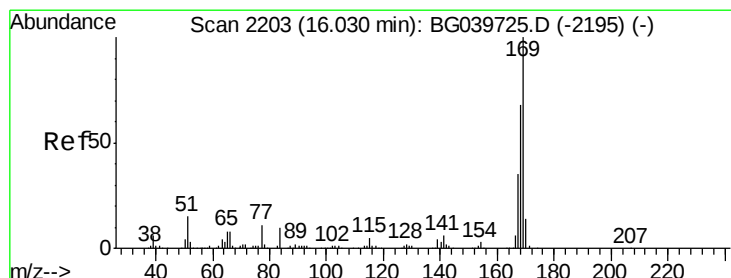
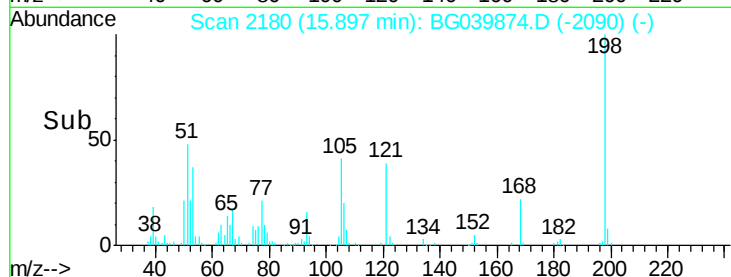
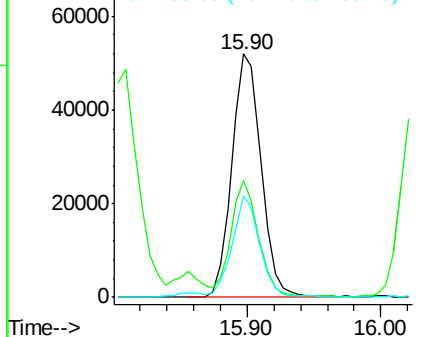
#65
4,6-Dinitro-2-methylphenol
Concen: 43.196 ng
RT: 15.90 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MS

Tgt Ion:198 Resp: 79457
Ion Ratio Lower Upper
198 100
51 48.3 27.4 67.4
105 41.5 19.7 59.7

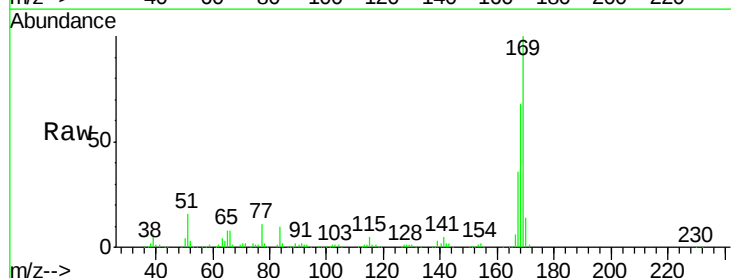


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

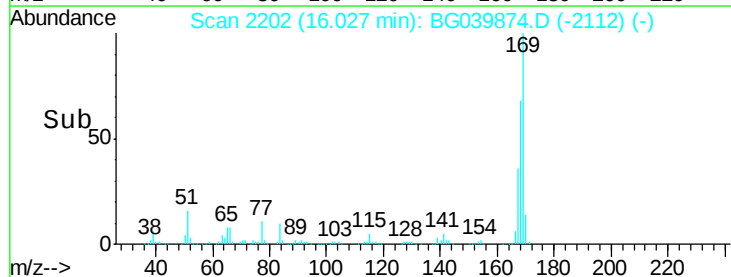
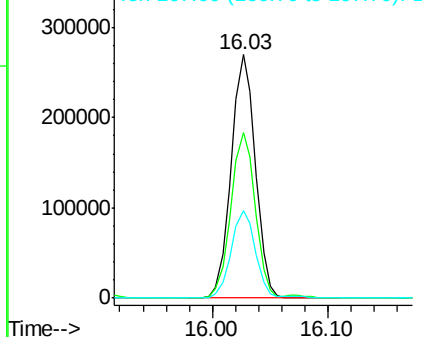


#66
n-Nitrosodiphenylamine
Concen: 43.347 ng
RT: 16.03 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Tgt Ion:169 Resp: 390405
Ion Ratio Lower Upper
169 100
168 68.2 56.6 85.0
167 36.0 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

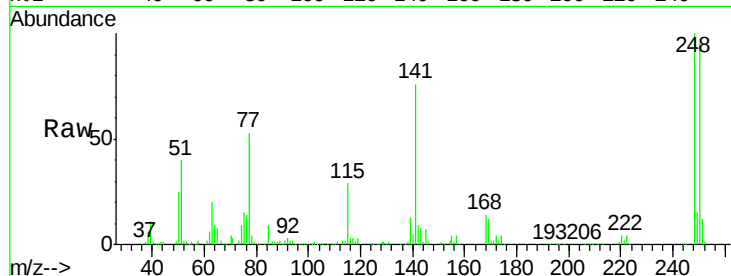




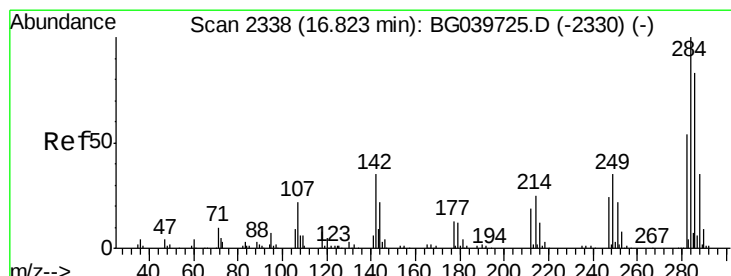
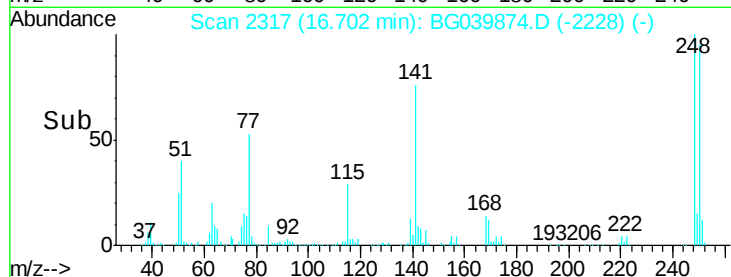
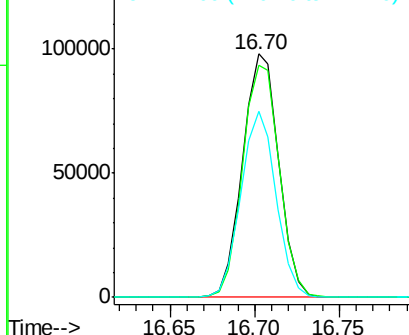
#67
4-Bromophenyl-phenylether
Concen: 41.867 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MS

Tgt Ion:248 Resp: 145793
Ion Ratio Lower Upper
248 100
250 95.4 77.6 116.4
141 76.5 63.9 95.9

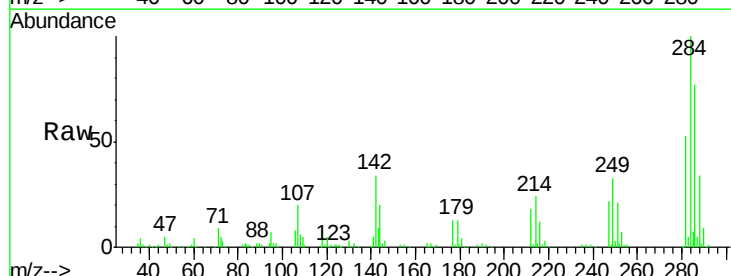


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

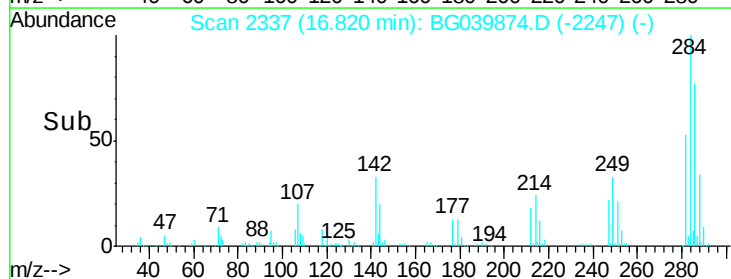
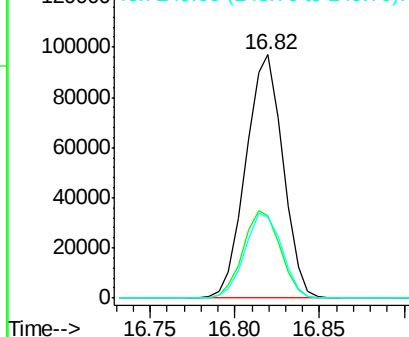


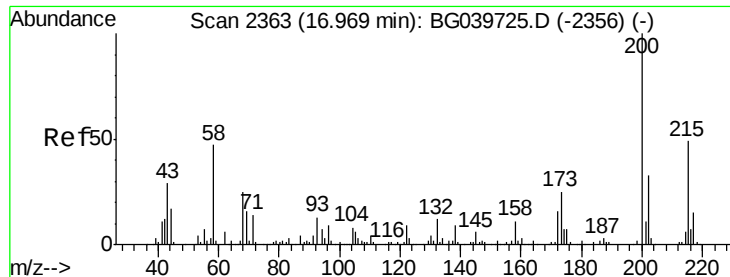
#68
Hexachlorobenzene
Concen: 41.065 ng
RT: 16.82 min Scan# 2337
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Tgt Ion:284 Resp: 148228
Ion Ratio Lower Upper
284 100
142 34.0 30.6 45.8
249 33.5 28.2 42.2



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





#69

Atrazine

Concen: 43.493 ng

RT: 16.97 min Scan# 2362

Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019MS

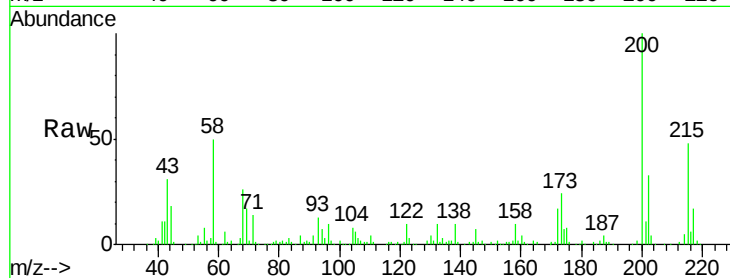
Tgt Ion:200 Resp: 154166

Ion Ratio Lower Upper

200 100

173 24.4 3.9 43.9

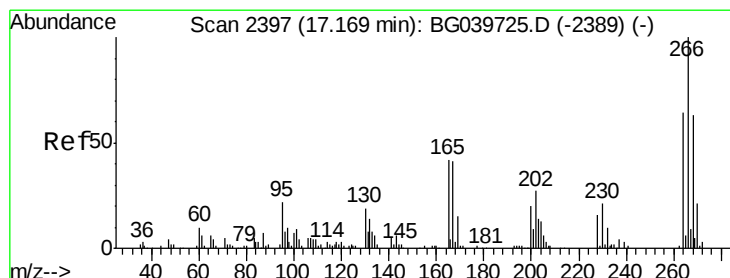
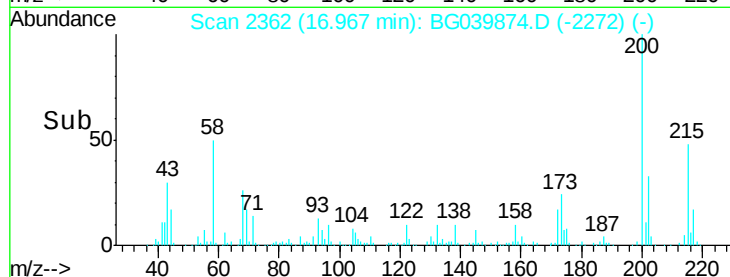
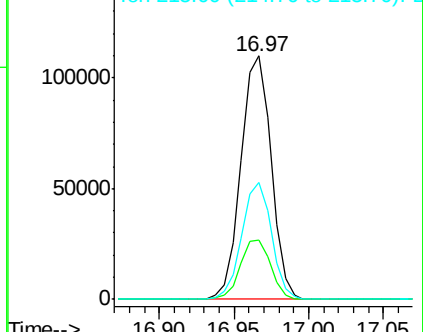
215 48.1 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 79.472 ng

RT: 17.17 min Scan# 2396

Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

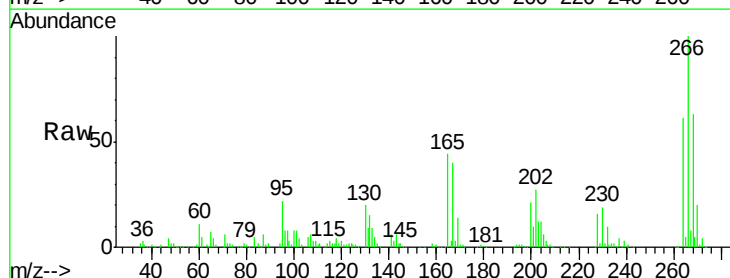
Tgt Ion:266 Resp: 181170

Ion Ratio Lower Upper

266 100

268 62.9 51.1 76.7

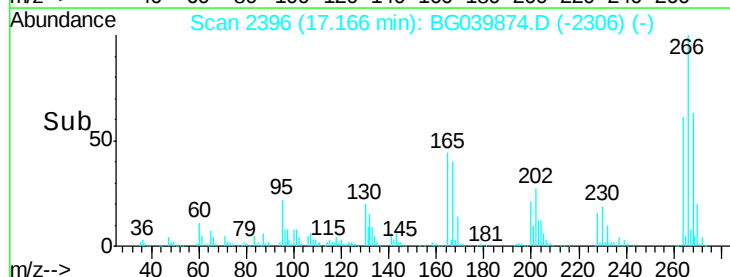
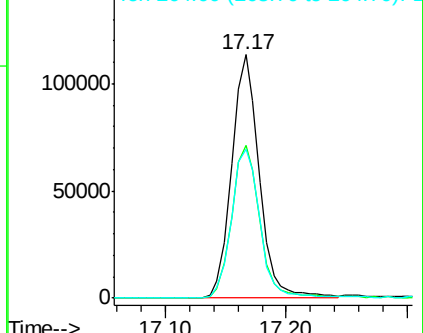
264 61.0 52.1 78.1

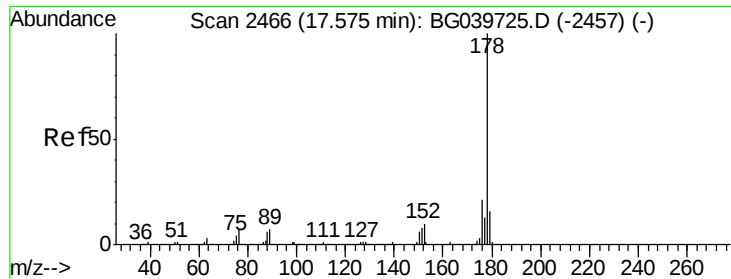


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

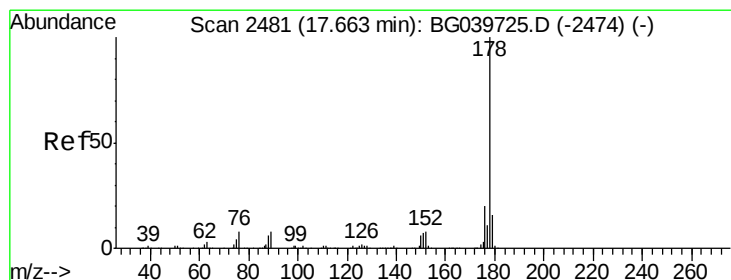
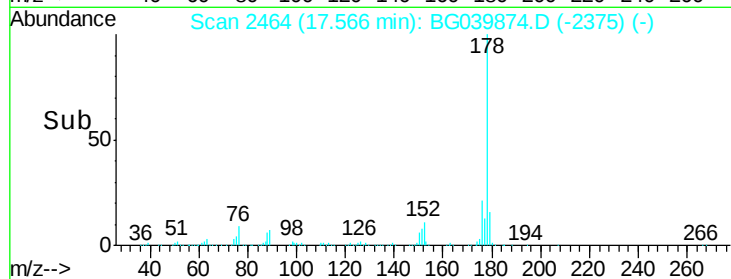
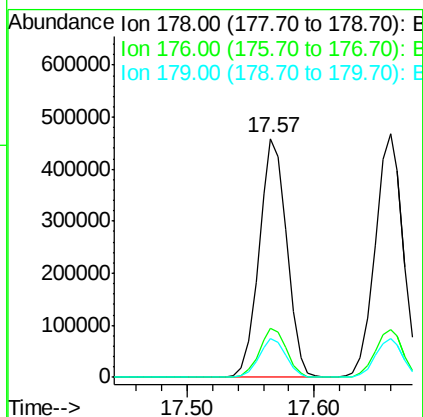
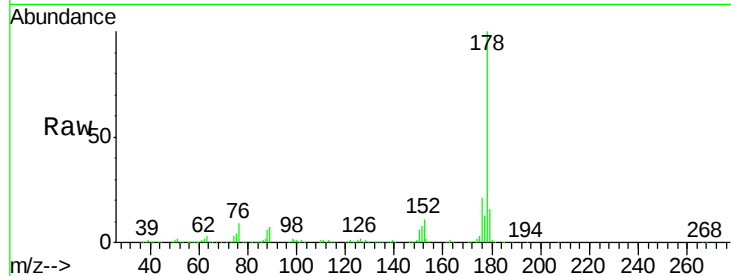




#71
Phenanthrene
Concen: 40.646 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

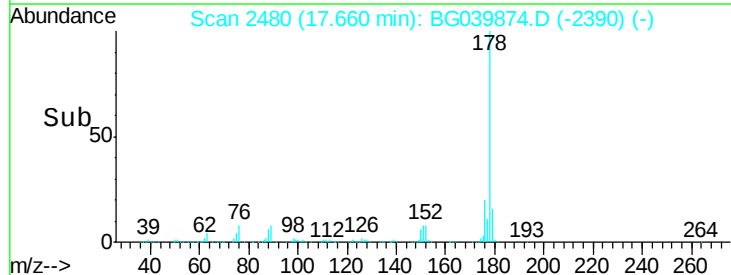
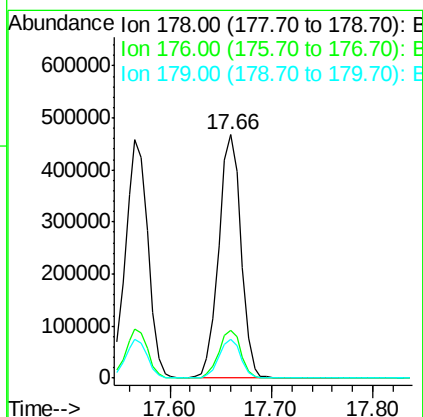
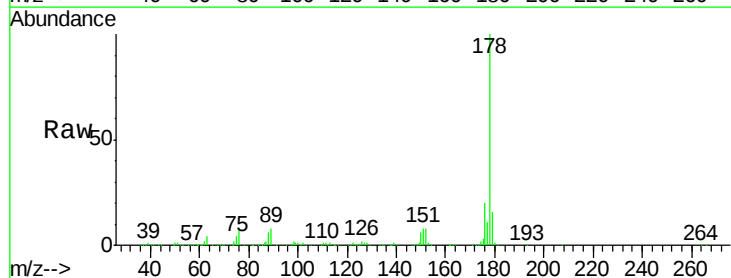
Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MS

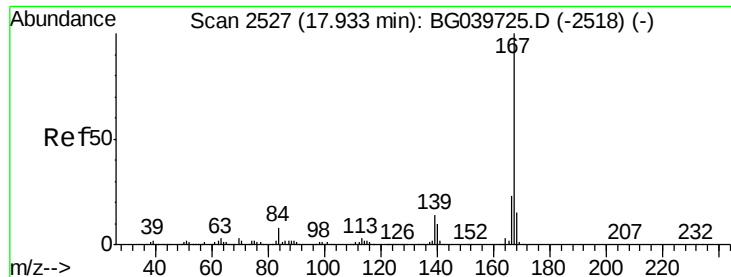
Tgt Ion:178 Resp: 696511
Ion Ratio Lower Upper
178 100
176 20.6 16.2 24.4
179 16.2 12.6 19.0



#72
Anthracene
Concen: 42.609 ng
RT: 17.66 min Scan# 2480
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Tgt Ion:178 Resp: 711510
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.6
179 16.0 12.5 18.7

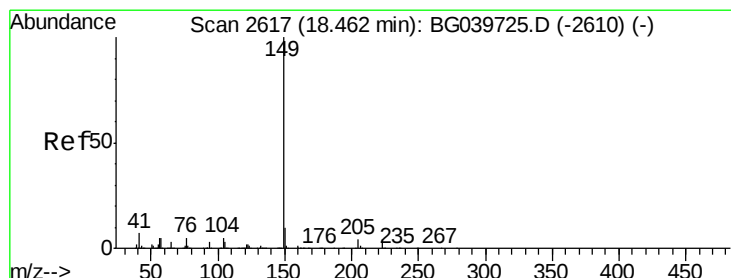
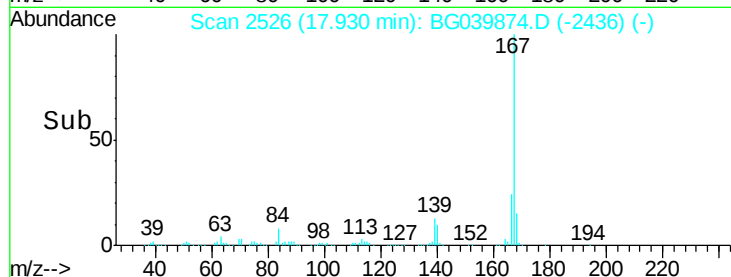
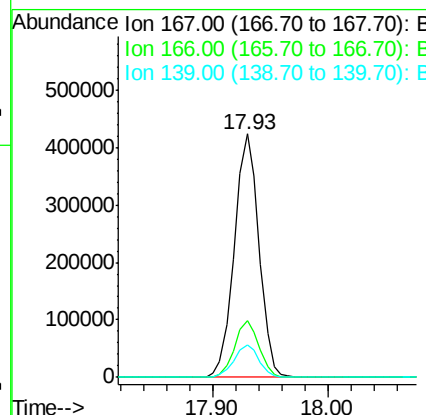
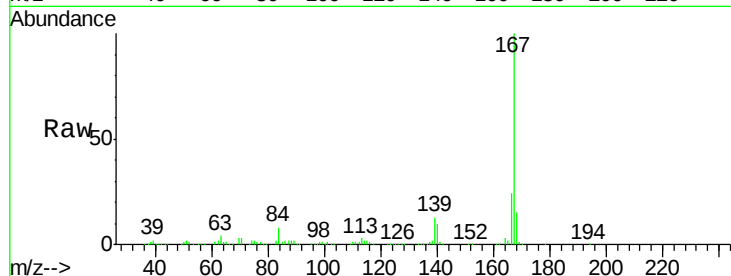




#73
 Carbazole
 Concen: 41.322 ng
 RT: 17.93 min Scan# 2526
 Delta R.T. 0.00 min
 Lab File: BG039874.D
 Acq: 12 Mar 2019 14:56

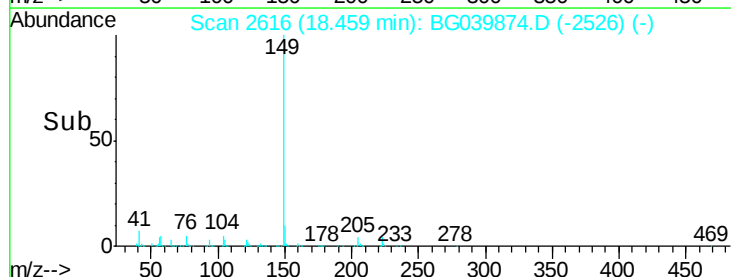
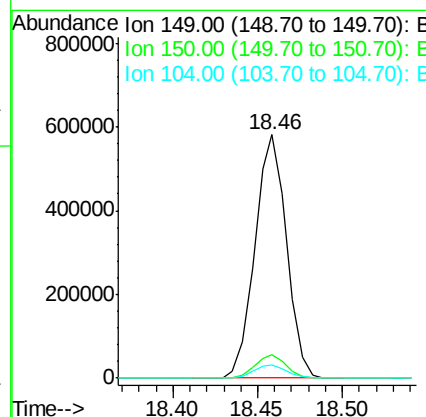
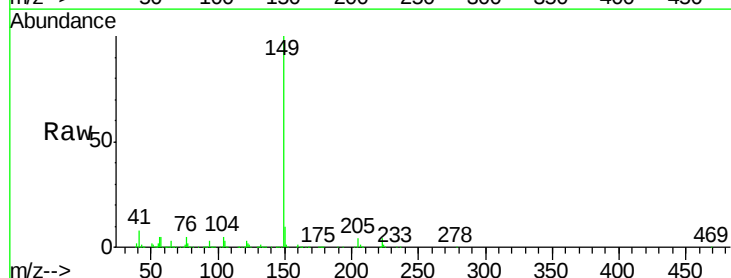
Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELD-SS-03072019MS

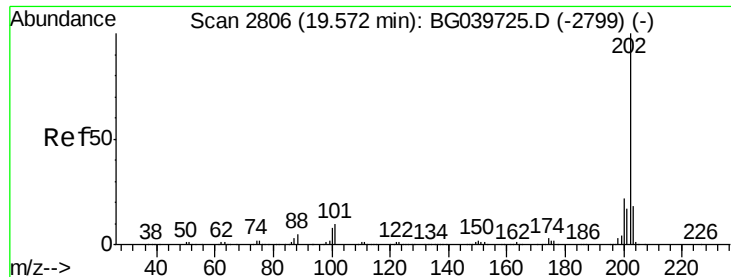
Tgt Ion:167 Resp: 622069
 Ion Ratio Lower Upper
 167 100
 166 23.6 19.4 29.2
 139 13.4 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 42.528 ng
 RT: 18.46 min Scan# 2616
 Delta R.T. 0.00 min
 Lab File: BG039874.D
 Acq: 12 Mar 2019 14:56

Tgt Ion:149 Resp: 753265
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.7 11.5
 104 5.3 4.5 6.7





#75

Fluoranthene

Concen: 40.509 ng

RT: 19.57 min Scan# 2805

Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019MS

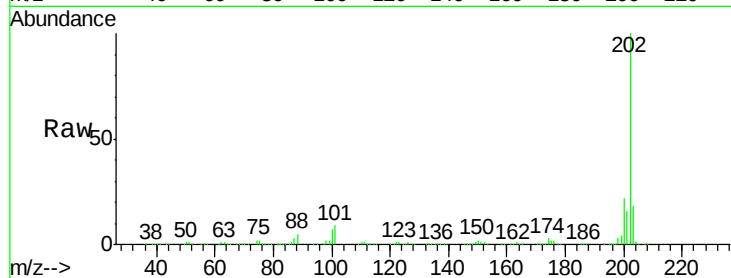
Tgt Ion:202 Resp: 820371

Ion Ratio Lower Upper

202 100

101 8.9 0.0 30.0

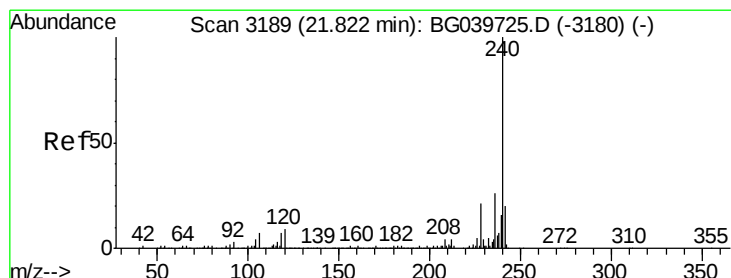
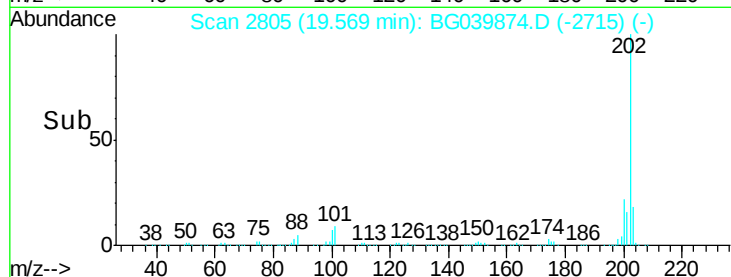
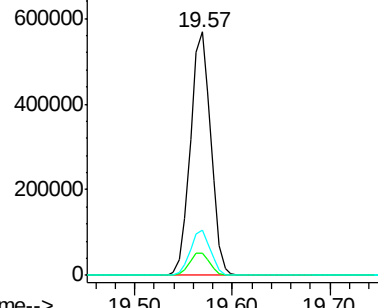
203 18.5 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.81 min Scan# 3187

Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

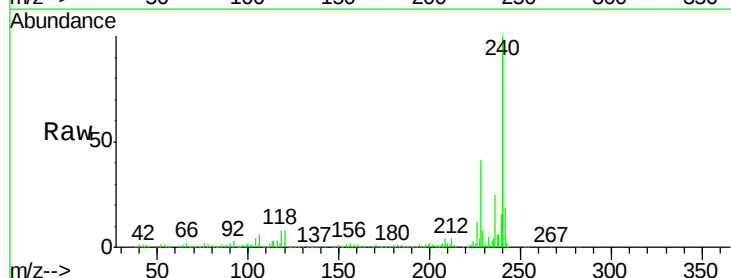
Tgt Ion:240 Resp: 309015

Ion Ratio Lower Upper

240 100

120 8.3 7.0 10.6

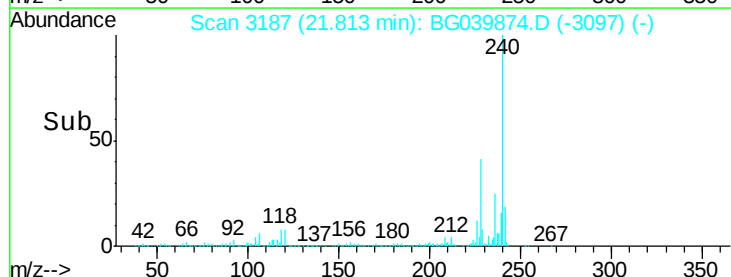
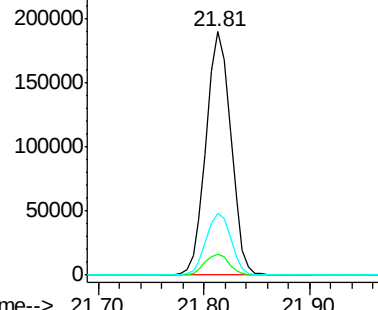
236 25.2 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.068 ng

RT: 19.75 min Scan# 2836

Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019MS

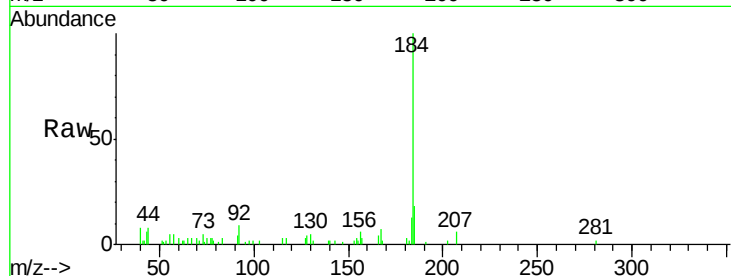
Tgt Ion:184 Resp: 20275

Ion Ratio Lower Upper

184 100

185 17.6 12.2 18.2

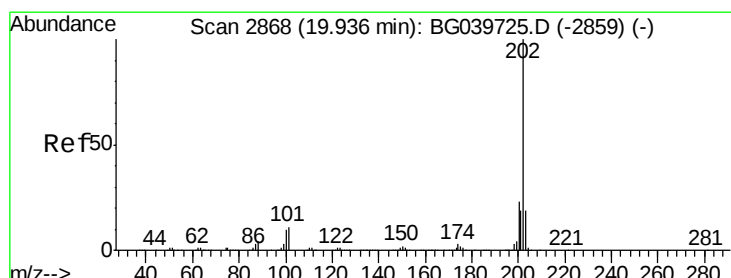
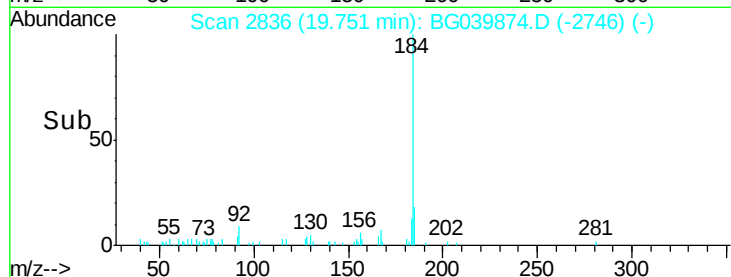
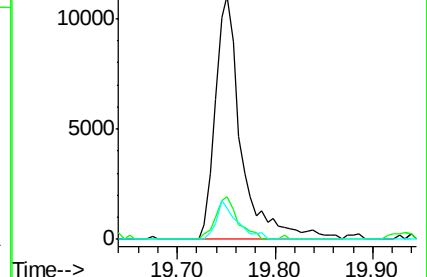
183 13.0 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.770 ng

RT: 19.93 min Scan# 2867

Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

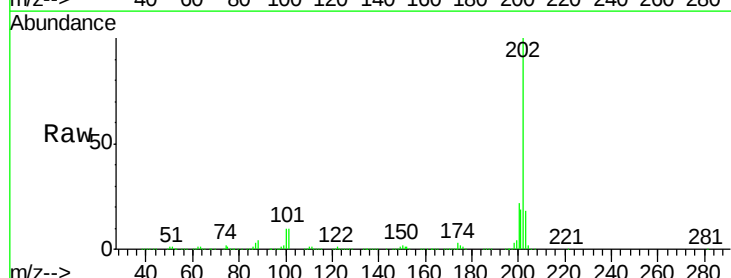
Tgt Ion:202 Resp: 818652

Ion Ratio Lower Upper

202 100

200 22.5 17.8 26.8

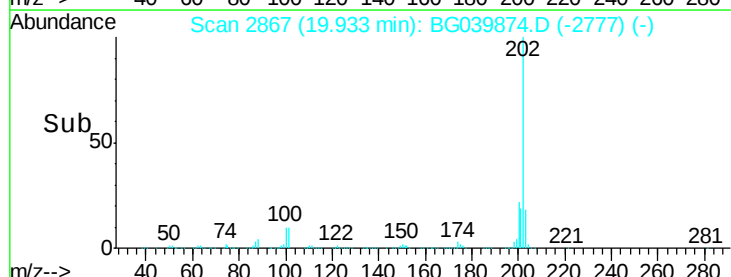
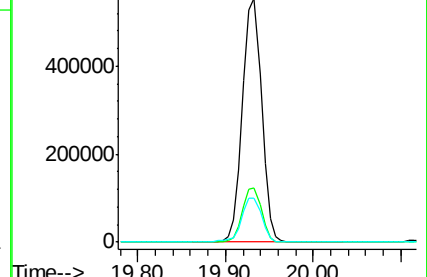
203 18.2 15.3 22.9

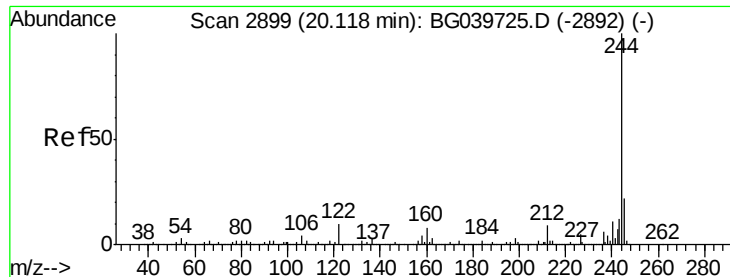


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.424 ng

RT: 20.12 min Scan# 2898

Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019MS

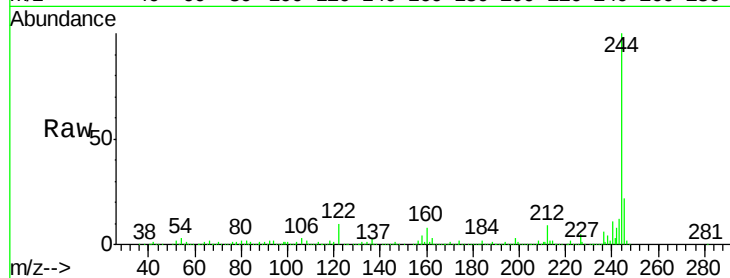
Tgt Ion:244 Resp: 1128715

Ion Ratio Lower Upper

244 100

212 9.5 7.3 10.9

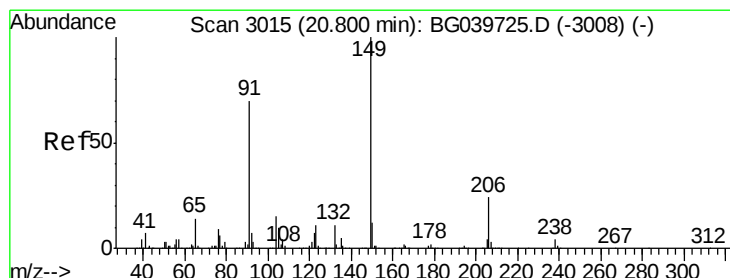
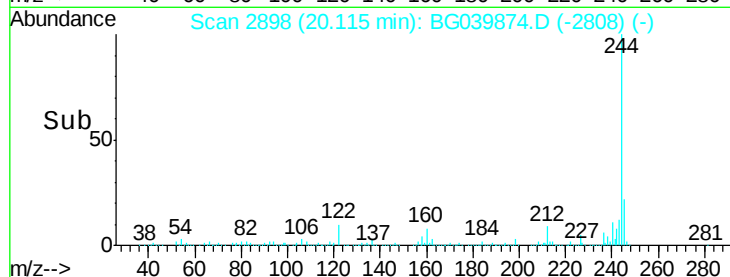
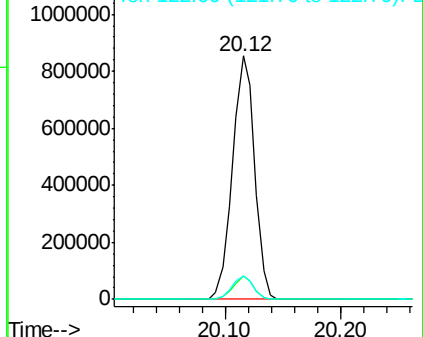
122 9.7 8.4 12.6



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: 44.774 ng

RT: 20.80 min Scan# 3014

Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

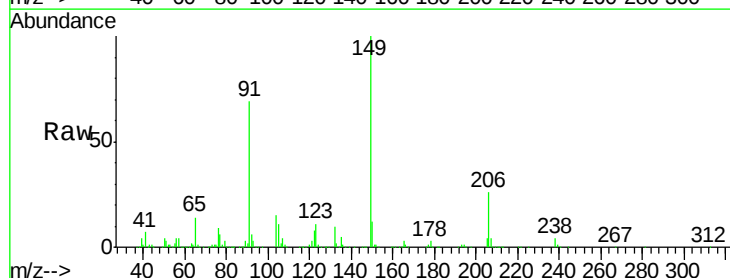
Tgt Ion:149 Resp: 348322

Ion Ratio Lower Upper

149 100

91 68.9 59.5 89.3

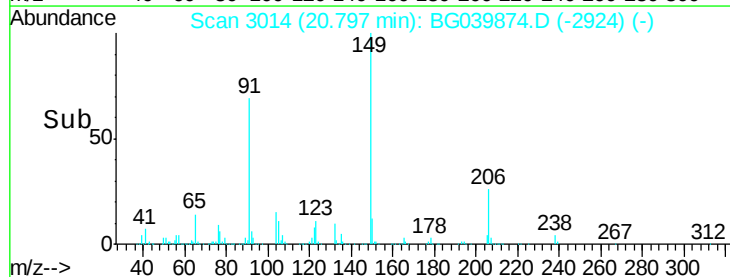
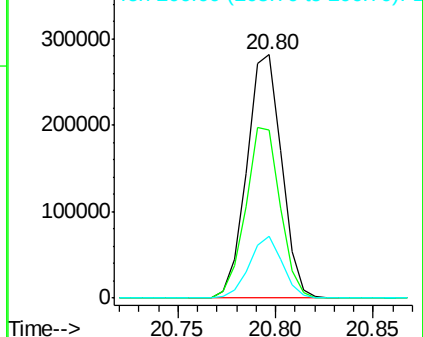
206 25.6 18.6 27.8



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

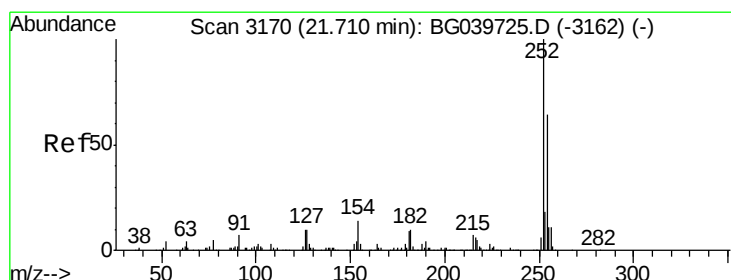
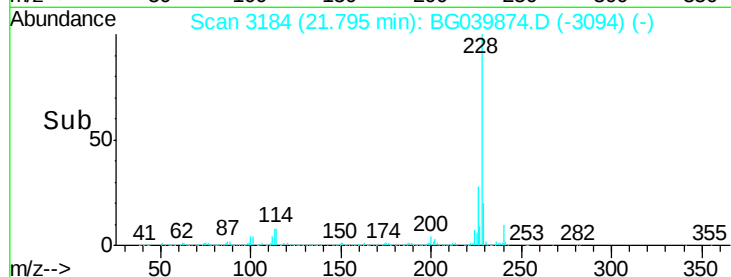
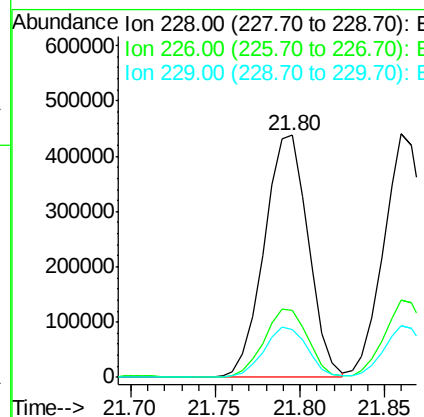
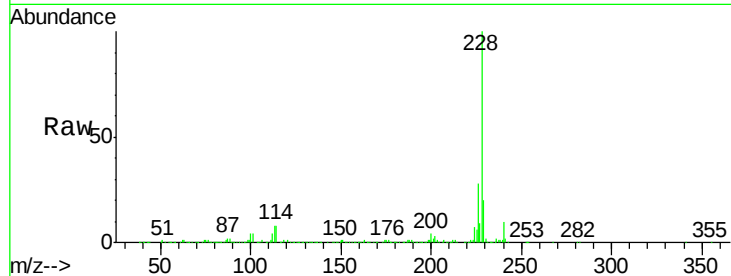




#81
Benzo(a)anthracene
Concen: 40.607 ng
RT: 21.80 min Scan# 3184
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

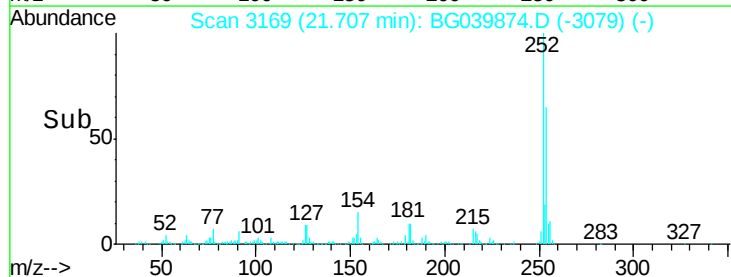
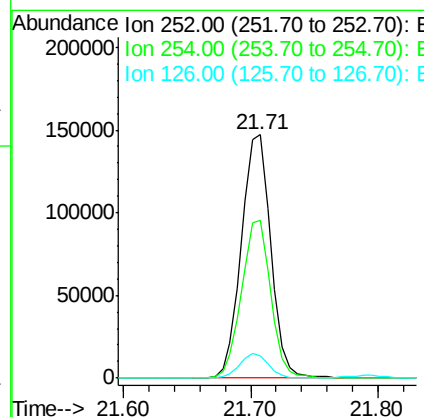
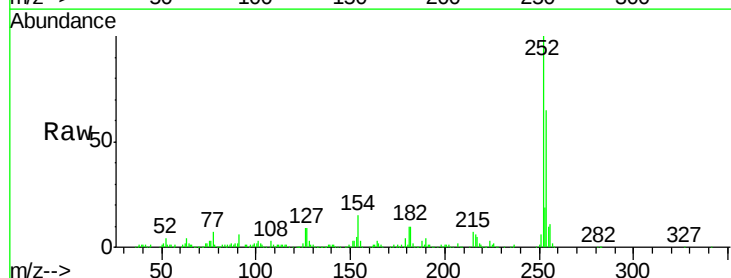
Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MS

Tgt Ion: 228 Resp: 786432
Ion Ratio Lower Upper
228 100
226 27.8 23.0 34.6
229 19.9 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 33.514 ng
RT: 21.71 min Scan# 3169
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Tgt Ion: 252 Resp: 236970
Ion Ratio Lower Upper
252 100
254 65.0 51.3 76.9
126 9.0 8.0 12.0





#83

Chrysene

Concen: 40.288 ng

RT: 21.86 min Scan# 3195

Delta R.T. -0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019MS

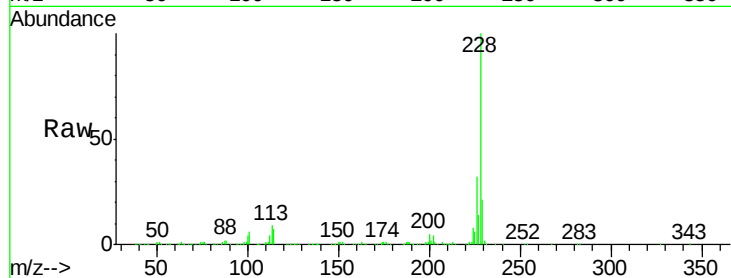
Tgt Ion:228 Resp: 756435

Ion Ratio Lower Upper

228 100

226 31.9 25.8 38.6

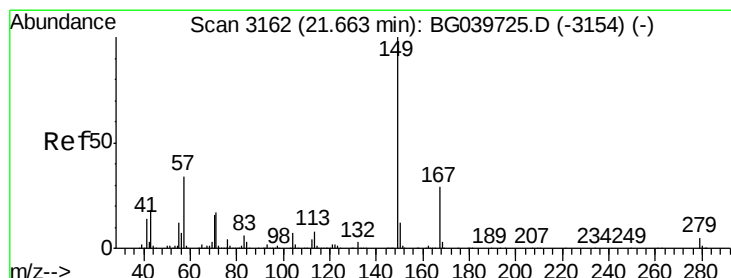
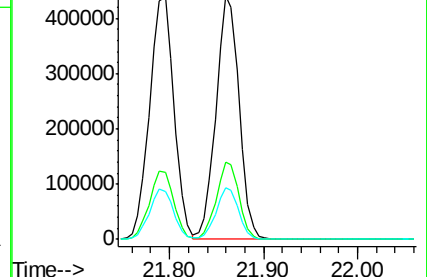
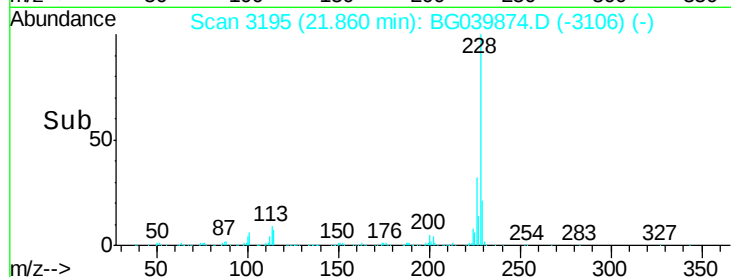
229 21.1 16.6 25.0



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: 44.495 ng

RT: 21.65 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

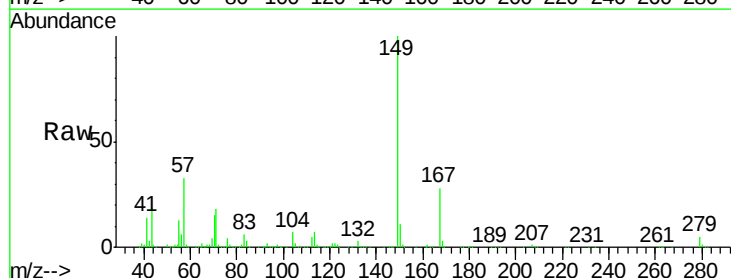
Tgt Ion:149 Resp: 486423

Ion Ratio Lower Upper

149 100

167 28.0 22.6 34.0

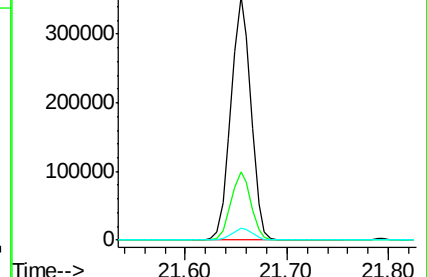
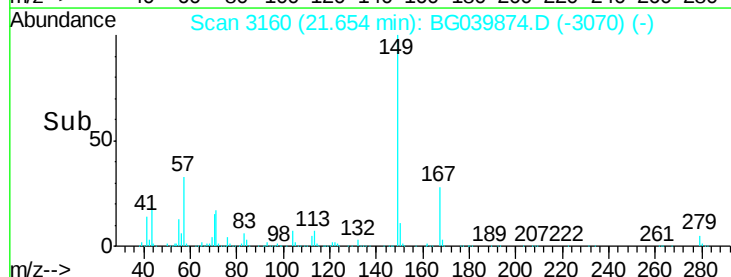
279 4.9 3.5 5.3

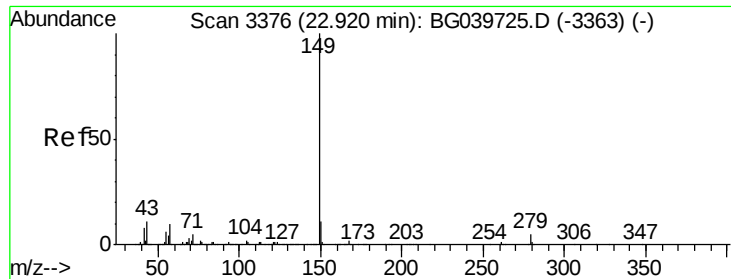


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.600 ng

RT: 22.91 min Scan# 3374

Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019MS

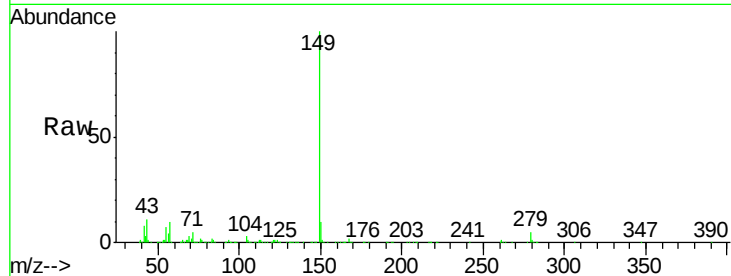
Tgt Ion:149 Resp: 825411

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

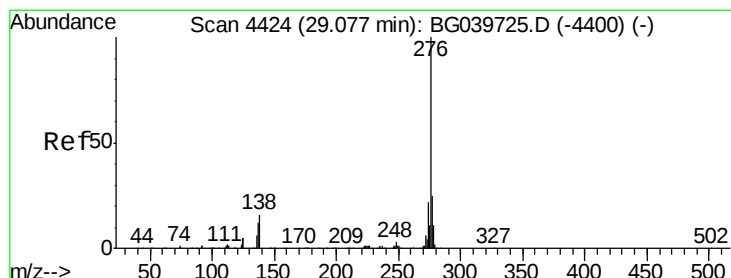
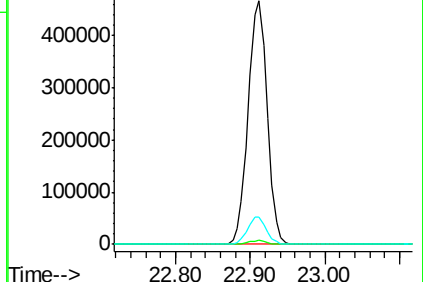
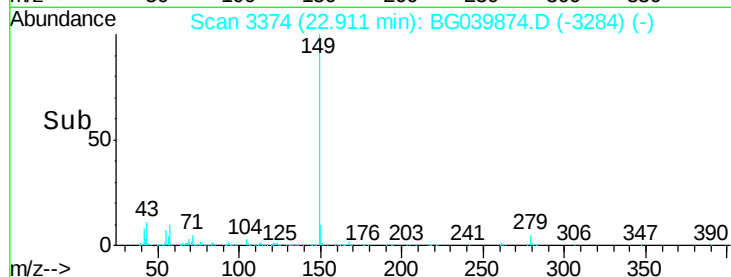
43 10.9 10.2 15.4



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: 41.583 ng

RT: 29.05 min Scan# 4419

Delta R.T. -0.01 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

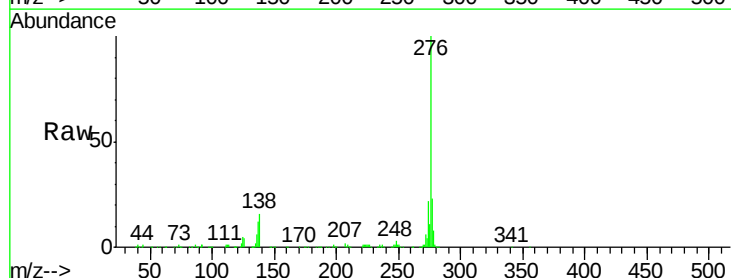
Tgt Ion:276 Resp: 885720

Ion Ratio Lower Upper

276 100

138 13.0 12.6 19.0

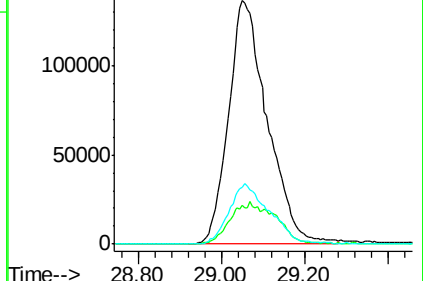
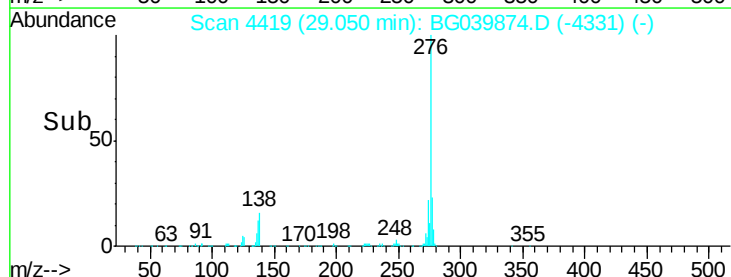
277 25.5 20.8 31.2

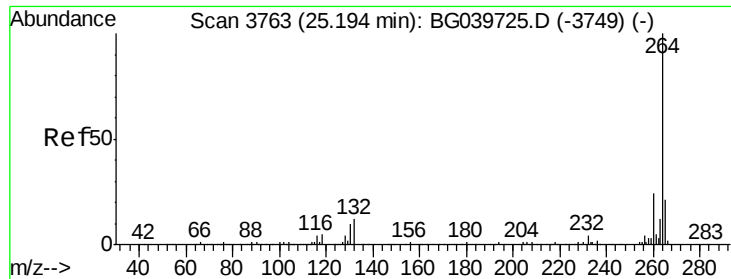


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

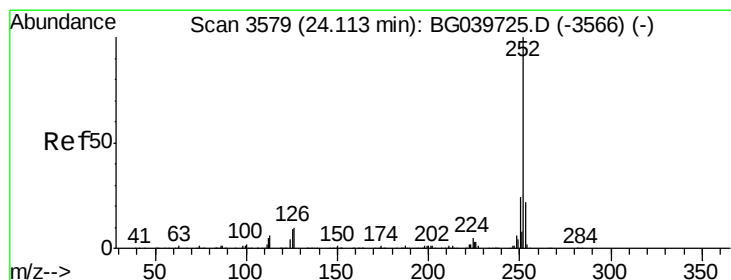
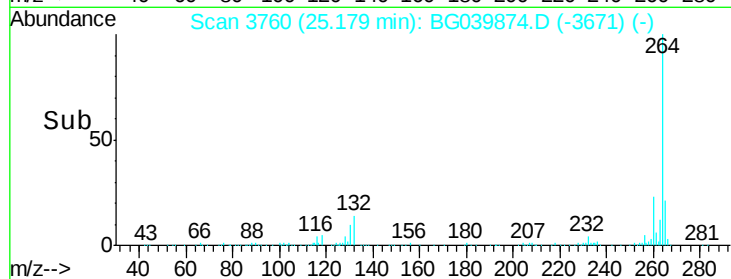
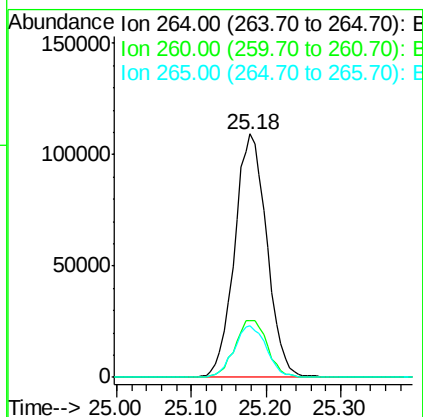
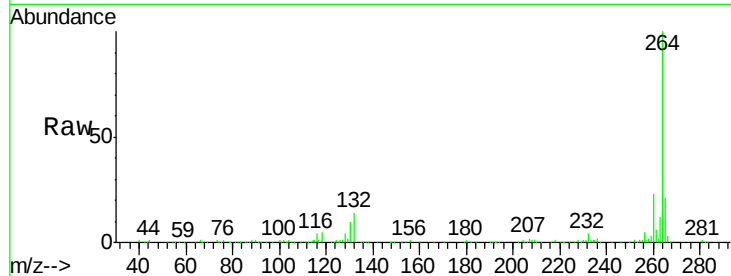




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3760
Delta R.T. -0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

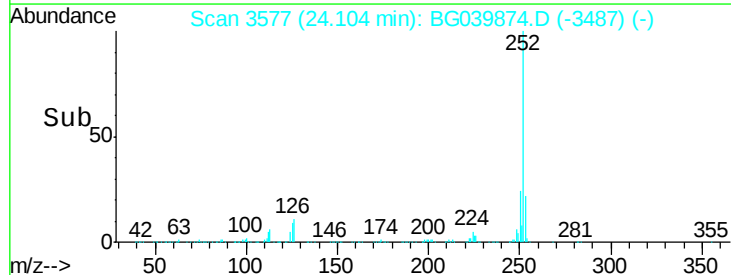
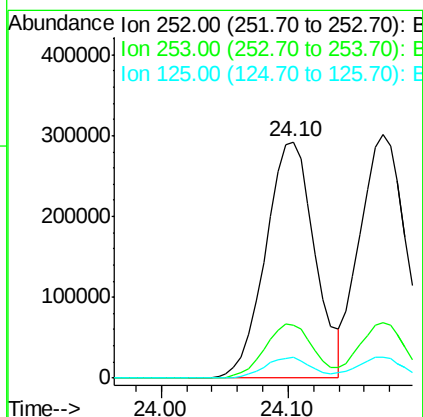
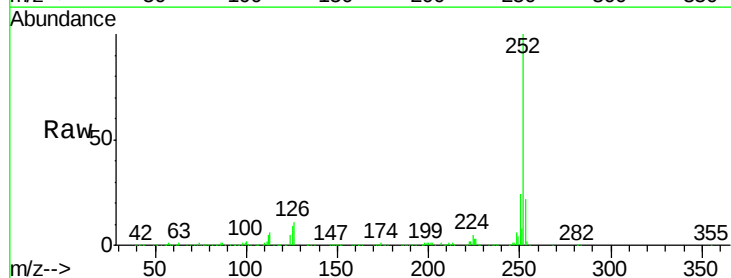
Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MS

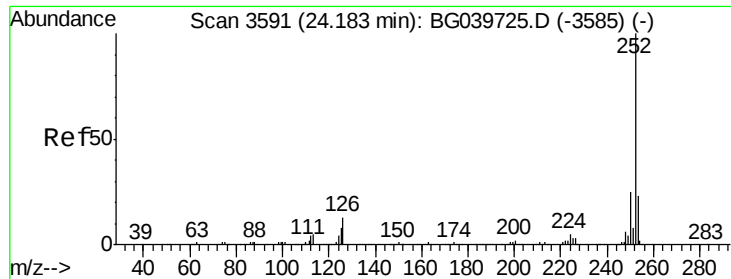
Tgt Ion: 264 Resp: 326861
Ion Ratio Lower Upper
264 100
260 23.3 18.2 27.4
265 21.4 18.5 27.7



#88
Benzo(b)fluoranthene
Concen: 40.473 ng
RT: 24.10 min Scan# 3577
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Tgt Ion: 252 Resp: 788881
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 8.7 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 41.635 ng

RT: 24.17 min Scan# 3589

Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019MS

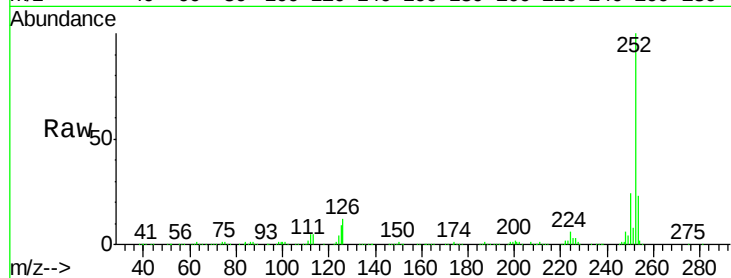
Tgt Ion:252 Resp: 755400

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.2

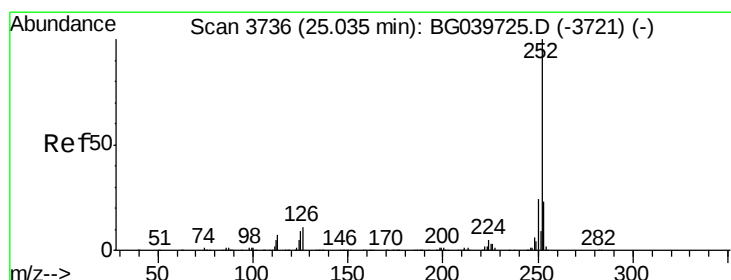
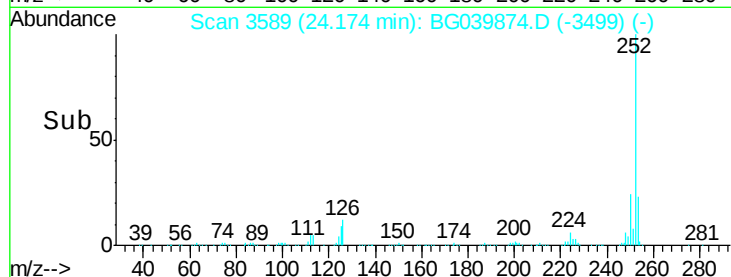
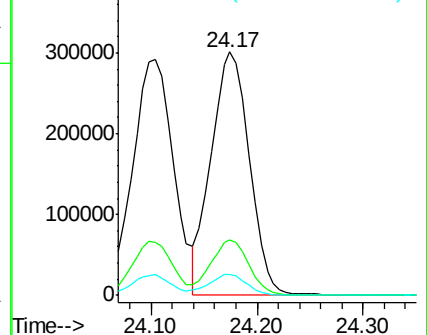
125 8.8 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 42.707 ng

RT: 25.03 min Scan# 3734

Delta R.T. 0.01 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

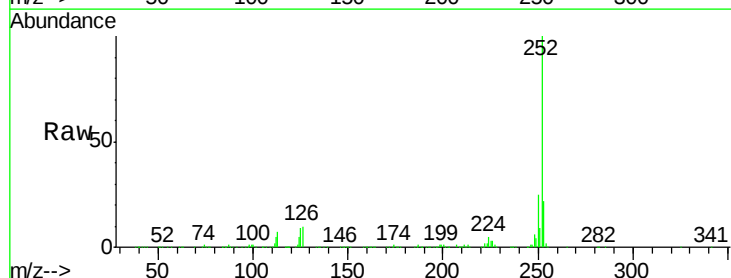
Tgt Ion:252 Resp: 769204

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

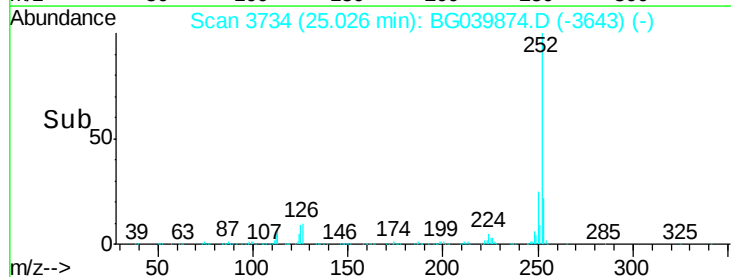
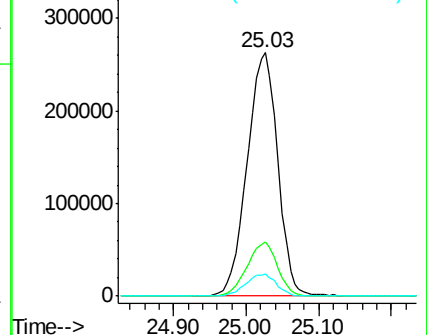
125 9.1 8.3 12.5

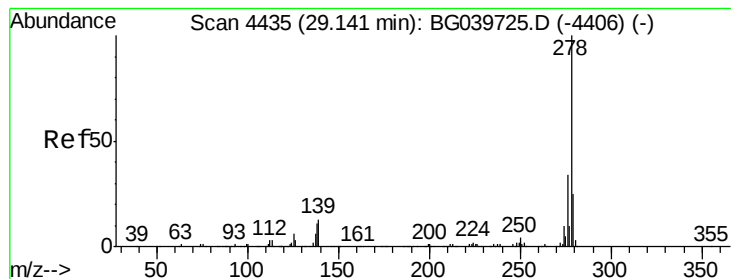


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 40.204 ng

RT: 29.13 min Scan# 4432

Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019MS

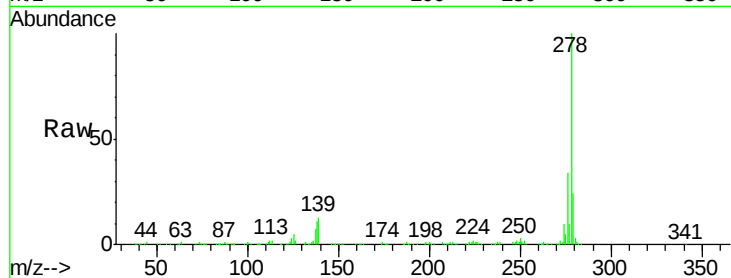
Tgt Ion:278 Resp: 709891

Ion Ratio Lower Upper

278 100

139 13.1 11.7 17.5

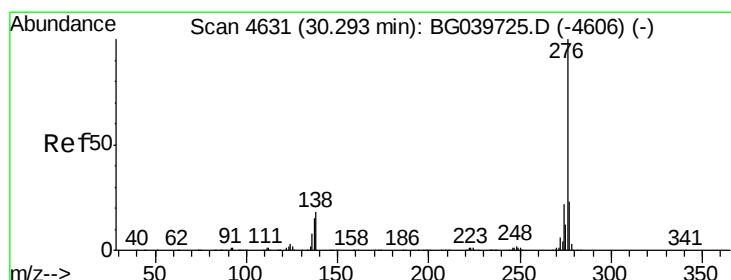
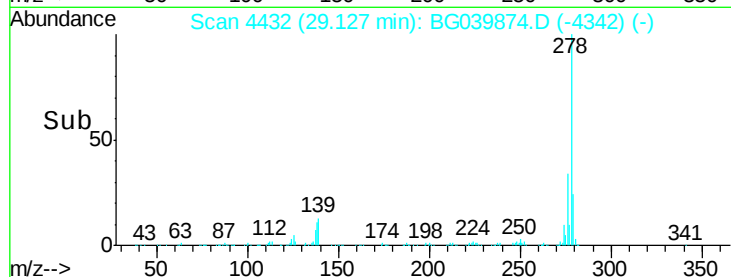
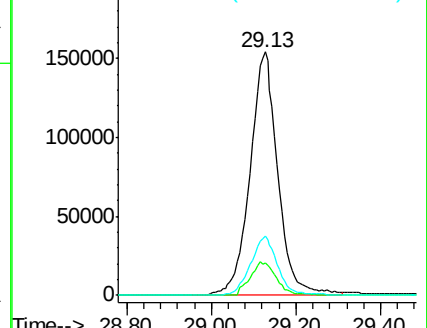
279 24.1 19.1 28.7



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: 40.450 ng

RT: 30.28 min Scan# 4629

Delta R.T. 0.01 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

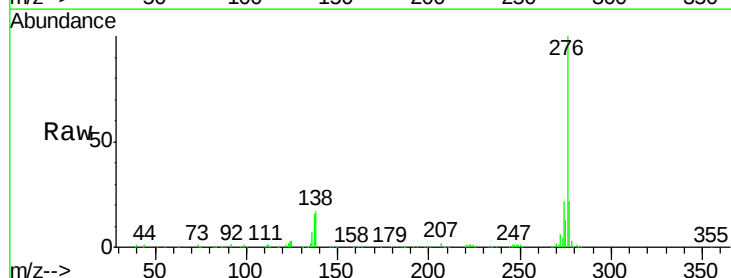
Tgt Ion:276 Resp: 717327

Ion Ratio Lower Upper

276 100

277 22.1 19.6 29.4

138 17.1 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

