

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031219\
 Data File : BG039875.D
 Acq On : 12 Mar 2019 15:35
 Operator : JU/SJ
 Sample : K1830-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELD-SS-03072019MSD

Quant Time: Mar 13 05:48:13 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	41842	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	185337	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	130719	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	321928	20.00	ng	0.00
76) Chrysene-d12	21.81	240	324006	20.00	ng	0.00
87) Perylene-d12	25.18	264	327938	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	326326	133.05	ng	0.00
7) Phenol-d6	7.30	99	485656	132.80	ng	0.00
23) Nitrobenzene-d5	9.33	82	277782	81.06	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	198457	130.25	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	686026	74.72	ng	0.00
79) Terphenyl-d14	20.12	244	1098715	74.66	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.59	88	38153	33.695 ng	97
3) Pyridine	3.99	79	43675	14.408 ng	97
4) n-Nitrosodimethylamine	3.91	42	56120	39.024 ng	86
6) Aniline	7.48	93	130754	27.290 ng	99
8) 2-Chlorophenol	7.72	128	118129	39.701 ng	94
9) Benzaldehyde	7.29	77	56991	24.159 ng	96
10) Phenol	7.33	94	172044	43.427 ng	99
11) bis(2-Chloroethyl)ether	7.57	93	111316	36.038 ng	97
12) 1,3-Dichlorobenzene	8.04	146	123692	36.756 ng	99
13) 1,4-Dichlorobenzene	8.19	146	123839	36.128 ng	98
14) 1,2-Dichlorobenzene	8.51	146	119428	36.061 ng	99
15) Benzyl Alcohol	8.39	79	116381	40.119 ng	99
16) 2,2'-oxybis(1-Chloropropan	8.67	45	222916	36.084 ng	99
17) 2-Methylphenol	8.59	107	107861	42.698 ng	97
18) Hexachloroethane	9.23	117	43335	35.234 ng	99
19) n-Nitroso-di-n-propylamine	8.96	70	94572	35.929 ng	96
20) 3+4-Methylphenols	8.92	107	150972	43.020 ng	98
22) Acetophenone	8.98	105	181439	36.475 ng	# 96
24) Nitrobenzene	9.37	77	140565	39.100 ng	97
25) Isophorone	9.88	82	275676	38.393 ng	99
26) 2-Nitrophenol	10.08	139	70536	40.638 ng	96
27) 2,4-Dimethylphenol	10.13	122	127564	47.254 ng	93
28) bis(2-Chloroethoxy)methane	10.37	93	163226	37.407 ng	98
29) 2,4-Dichlorophenol	10.61	162	137365	45.195 ng	94
30) 1,2,4-Trichlorobenzene	10.83	180	128343	37.526 ng	99
31) Naphthalene	11.02	128	372376	37.948 ng	99
32) Benzoic acid	10.25	122	52184	30.882 ng	90
33) 4-Chloroaniline	11.14	127	112873	27.126 ng	95
34) Hexachlorobutadiene	11.29	225	83954	35.922 ng	94
35) Caprolactam	11.96	113	17033	14.671 ng	90
36) 4-Chloro-3-methylphenol	12.23	107	150182	43.105 ng	94
37) 2-Methylnaphthalene	12.62	142	289071	39.403 ng	98
38) 1-Methylnaphthalene	12.83	142	278539	39.068 ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	160841	36.320 ng	98

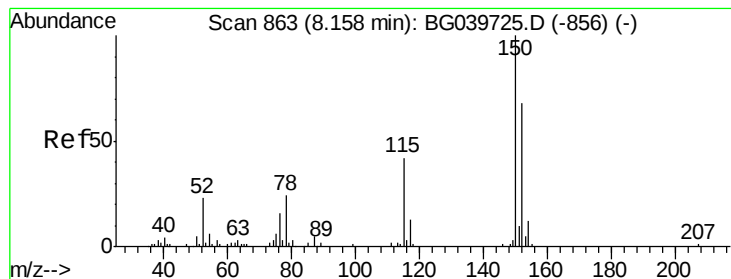
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031219\
 Data File : BG039875.D
 Acq On : 12 Mar 2019 15:35
 Operator : JU/SJ
 Sample : K1830-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELD-SS-03072019MSD

Quant Time: Mar 13 05:48:13 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)
41) Hexachlorocyclopentadiene	12.95	237	200561	84.510	ng	99
43) 2,4,6-Trichlorophenol	13.22	196	115060	44.379	ng	99
44) 2,4,5-Trichlorophenol	13.29	196	122433	41.895	ng	98
46) 1,1'-Biphenyl	13.62	154	398166	37.034	ng	99
47) 2-Chloronaphthalene	13.66	162	312462	38.632	ng	98
48) 2-Nitroaniline	13.87	65	113092	43.509	ng	99
49) Acenaphthylene	14.51	152	503181	37.897	ng	98
50) Dimethylphthalate	14.23	163	487423	44.593	ng	99
51) 2,6-Dinitrotoluene	14.36	165	95449	41.191	ng	93
52) Acenaphthene	14.84	154	306107	38.304	ng	99
53) 3-Nitroaniline	14.69	138	77070	33.087	ng	# 94
54) 2,4-Dinitrophenol	14.90	184	104512	72.076	ng	97
55) Dibenzofuran	15.18	168	504595	38.485	ng	98
56) 4-Nitrophenol	14.98	139	165429	79.391	ng	91
57) 2,4-Dinitrotoluene	15.14	165	137001	42.077	ng	85
58) Fluorene	15.82	166	401646	38.966	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	124877	43.754	ng	98
60) Diethylphthalate	15.58	149	432096	39.933	ng	99
61) 4-Chlorophenyl-phenylether	15.81	204	211661	38.482	ng	97
62) 4-Nitroaniline	15.86	138	102413	40.556	ng	93
63) Azobenzene	16.10	77	386924	39.448	ng	97
65) 4,6-Dinitro-2-methylphenol	15.90	198	77152	40.533	ng	97
66) n-Nitrosodiphenylamine	16.02	169	375930	40.336	ng	98
67) 4-Bromophenyl-phenylether	16.71	248	140222	38.913	ng	96
68) Hexachlorobenzene	16.82	284	142669	38.196	ng	97
69) Atrazine	16.96	200	148365	40.449	ng	97
70) Pentachlorophenol	17.16	266	180446	76.493	ng	99
71) Phenanthrene	17.57	178	673538	37.984	ng	99
72) Anthracene	17.66	178	679586	39.328	ng	99
73) Carbazole	17.93	167	605095	38.843	ng	99
74) Di-n-butylphthalate	18.46	149	722925	39.443	ng	100
75) Fluoranthene	19.57	202	798649	38.110	ng	99
77) Benzidine	19.75	184	75032	7.298	ng	99
78) Pyrene	19.93	202	795864	37.801	ng	99
80) Butylbenzylphthalate	20.79	149	342864	42.034	ng	96
81) Benzo(a)anthracene	21.79	228	752730	37.069	ng	99
82) 3,3'-Dichlorobenzidine	21.70	252	214709	28.961	ng	98
83) Chrysene	21.86	228	727261	36.942	ng	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	459336	40.073	ng	# 98
85) Di-n-octyl phthalate	22.91	149	794318	41.852	ng	96
86) Indeno(1,2,3-cd)pyrene	29.06	276	845375	37.853	ng	# 96
88) Benzo(b)fluoranthene	24.10	252	751081	38.407	ng	98
89) Benzo(k)fluoranthene	24.17	252	735161	40.386	ng	99
90) Benzo(a)pyrene	25.02	252	736132	40.737	ng	98
91) Dibenzo(a,h)anthracene	29.13	278	688925	38.888	ng	99
92) Benzo(g,h,i)perylene	30.29	276	688875	38.718	ng	98

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

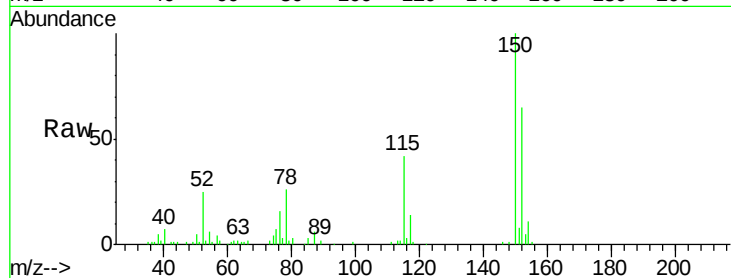


#1

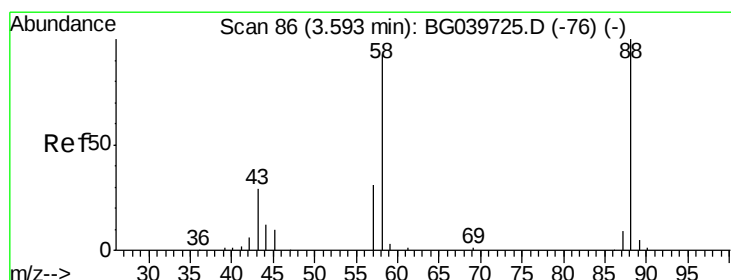
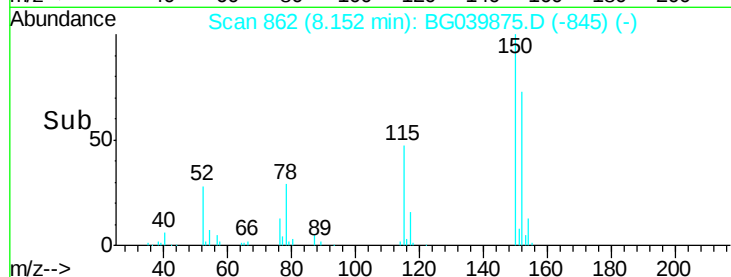
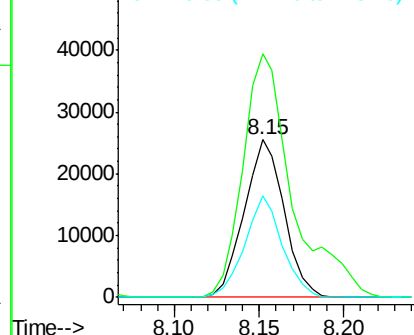
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MSD

Tgt Ion:152 Resp: 41842
Ion Ratio Lower Upper
152 100
150 154.7 123.7 185.5
115 64.8 45.9 68.9



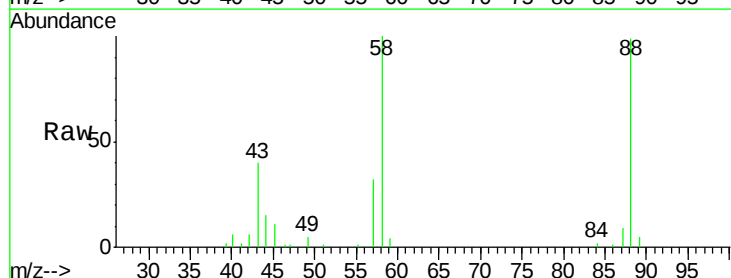
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



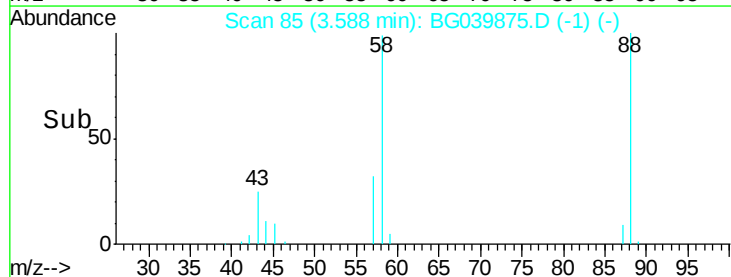
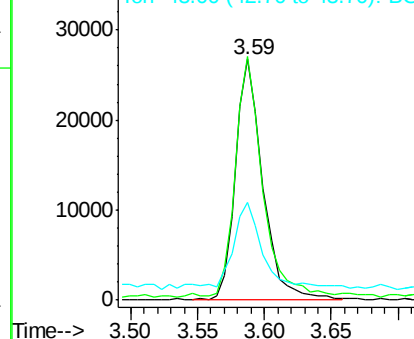
#2

1,4-Dioxane
Concen: 33.695 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.01 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Tgt Ion: 88 Resp: 38153
Ion Ratio Lower Upper
88 100
58 97.9 81.1 121.7
43 38.2 31.4 47.0



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





#3

Pyridine

Concen: 14.408 ng

RT: 3.99 min Scan# 154

Delta R.T. -0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019MSD

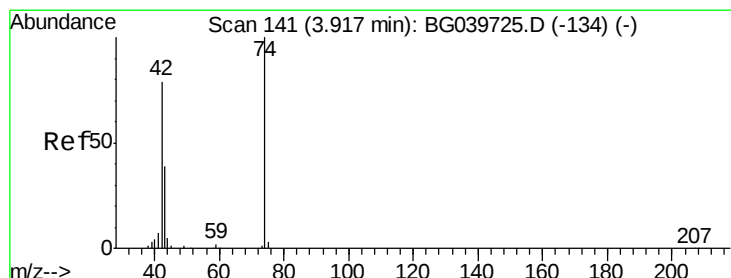
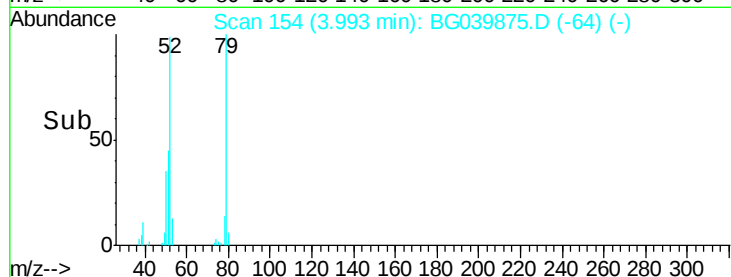
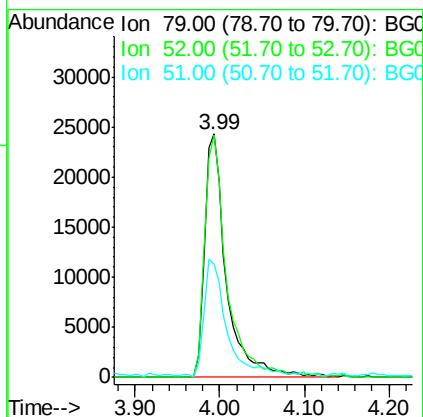
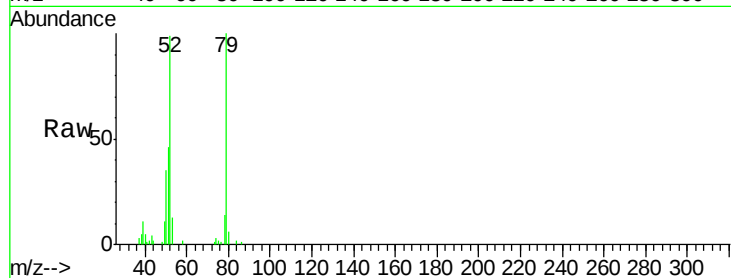
Tgt Ion: 79 Resp: 43675

Ion Ratio Lower Upper

79 100

52 99.4 82.6 124.0

51 46.3 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 39.024 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

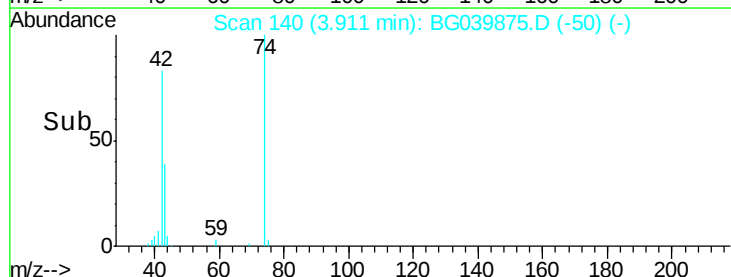
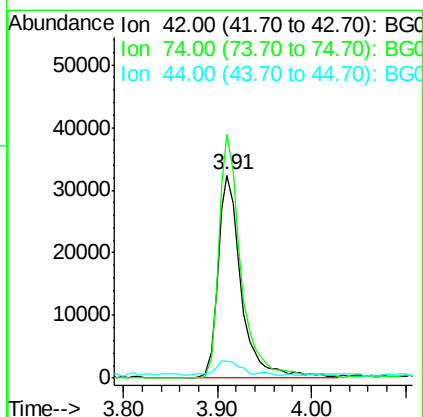
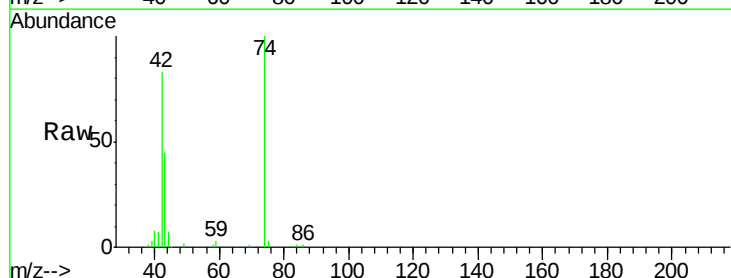
Tgt Ion: 42 Resp: 56120

Ion Ratio Lower Upper

42 100

74 119.9 83.6 125.4

44 8.5 6.9 10.3





#5

2-Fluorophenol

Concen: 133.052 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019MSD

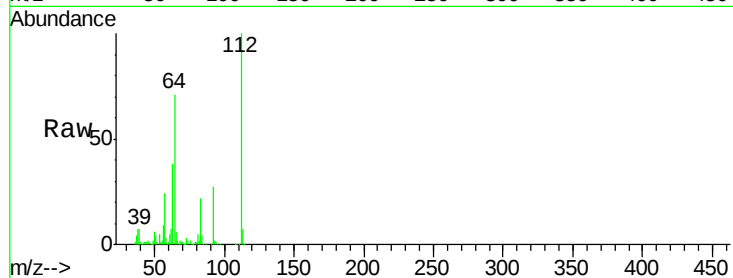
Tgt Ion: 112 Resp: 326326

Ion Ratio Lower Upper

112 100

64 71.1 57.8 86.8

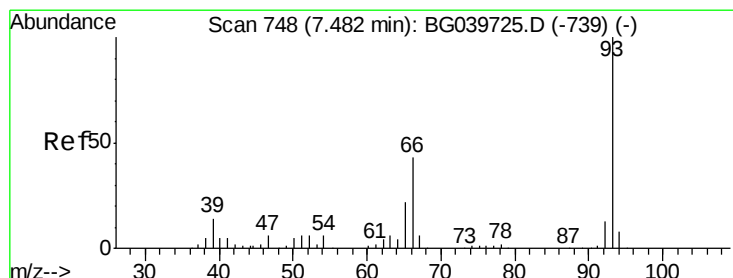
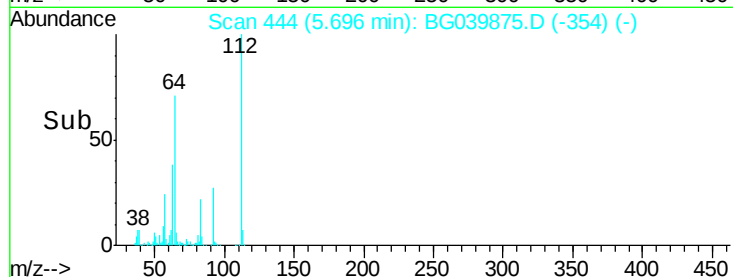
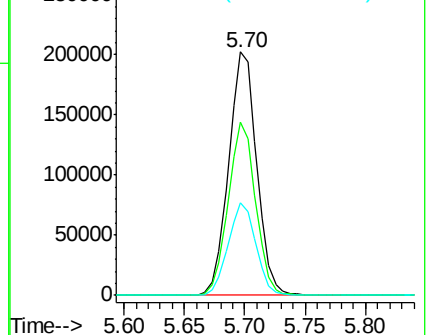
63 38.1 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 27.290 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

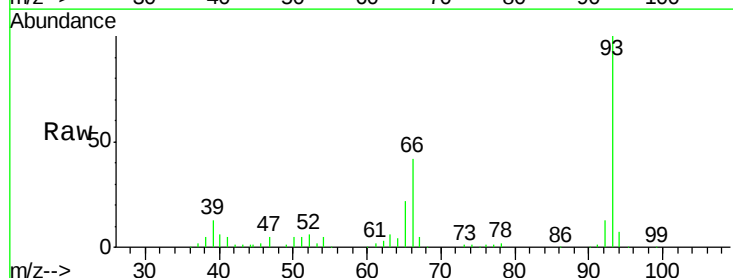
Tgt Ion: 93 Resp: 130754

Ion Ratio Lower Upper

93 100

66 42.2 34.2 51.4

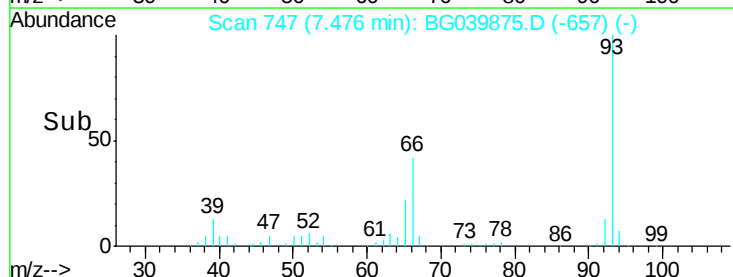
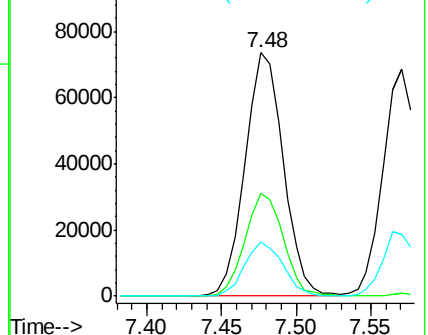
65 22.5 17.7 26.5

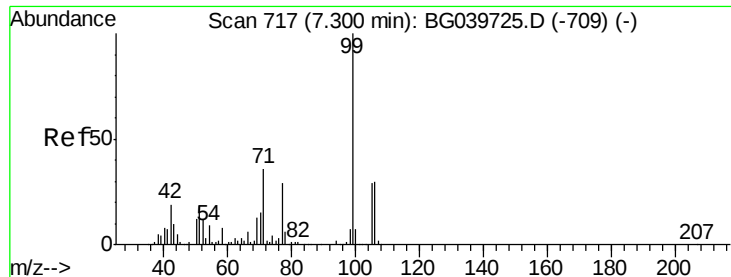


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 132.802 ng

RT: 7.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019MSD

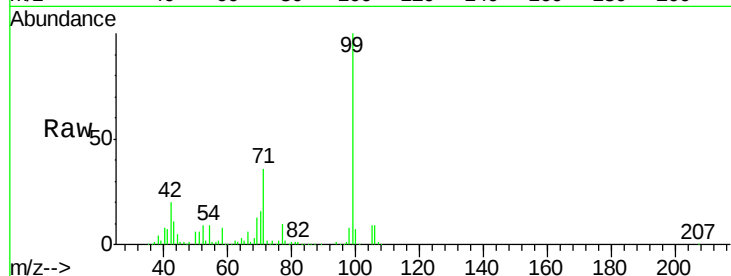
Tgt Ion: 99 Resp: 485656

Ion Ratio Lower Upper

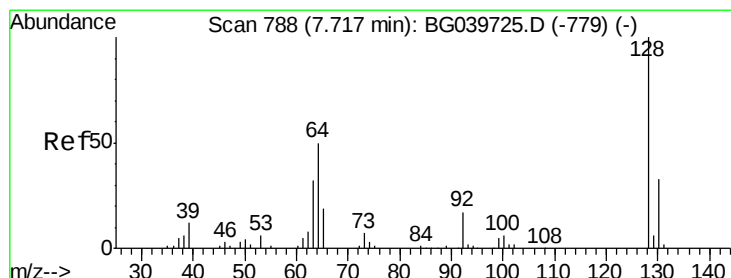
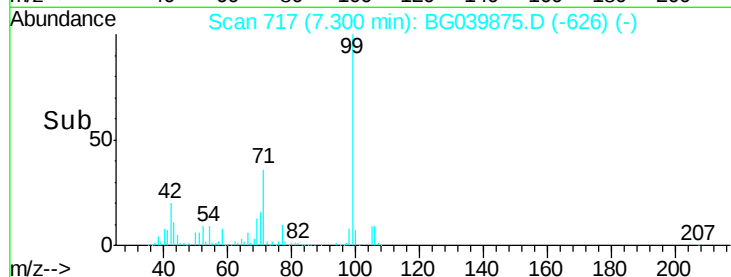
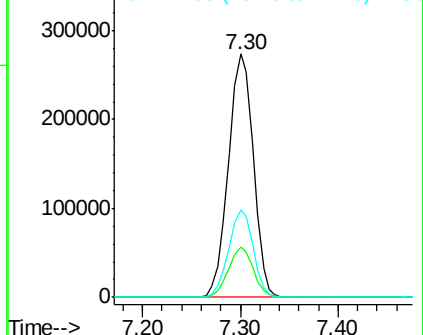
99 100

42 20.5 18.2 27.2

71 36.0 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 39.701 ng

RT: 7.72 min Scan# 788

Delta R.T. 0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

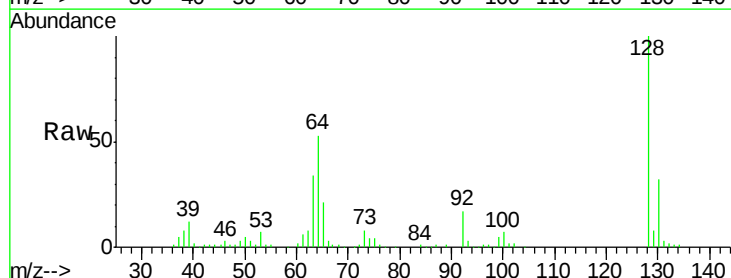
Tgt Ion: 128 Resp: 118129

Ion Ratio Lower Upper

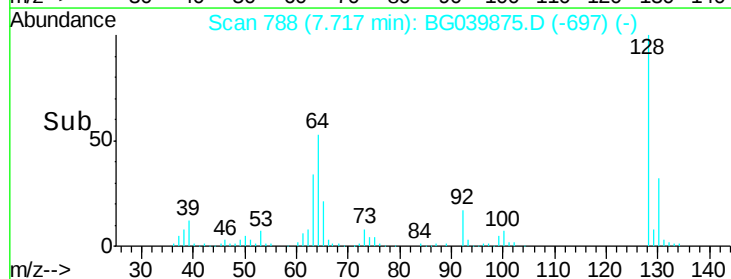
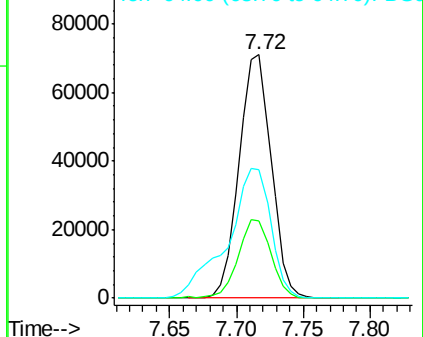
128 100

130 31.9 12.9 52.9

64 52.5 38.7 78.7



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





#9

Benzaldehyde

Concen: 24.159 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019MSD

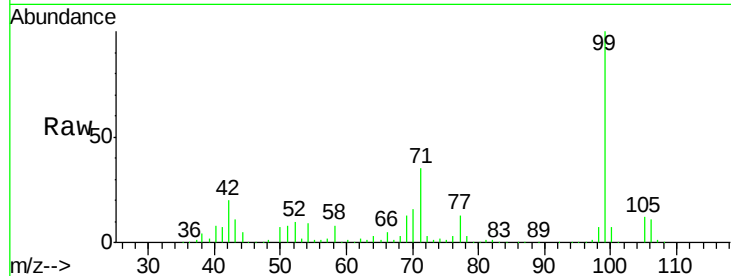
Tgt Ion: 77 Resp: 56991

Ion Ratio Lower Upper

77 100

105 91.1 74.5 114.5

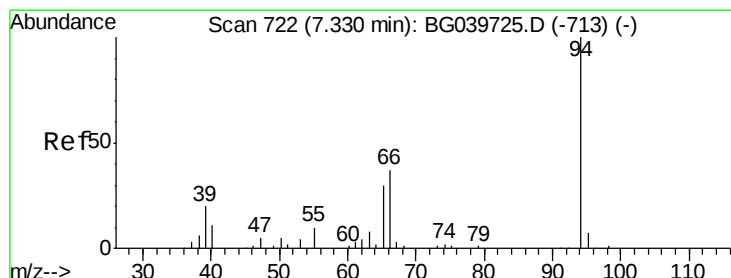
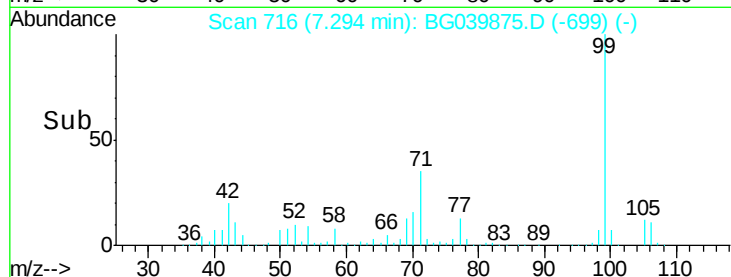
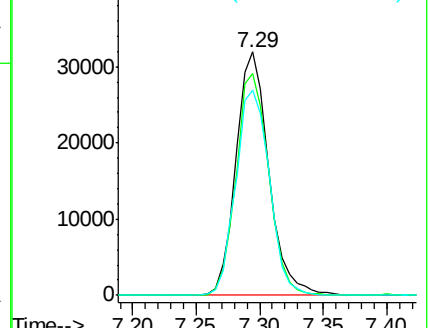
106 84.1 68.0 108.0



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: 43.427 ng

RT: 7.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

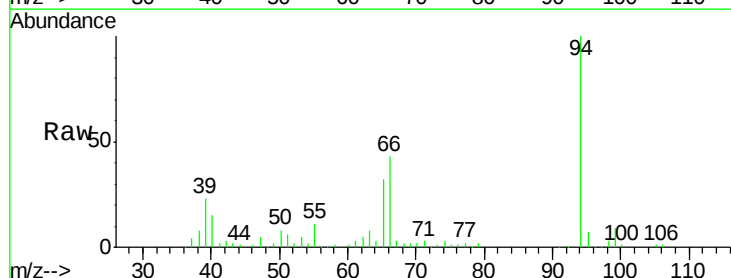
Tgt Ion: 94 Resp: 172044

Ion Ratio Lower Upper

94 100

65 32.0 11.7 51.7

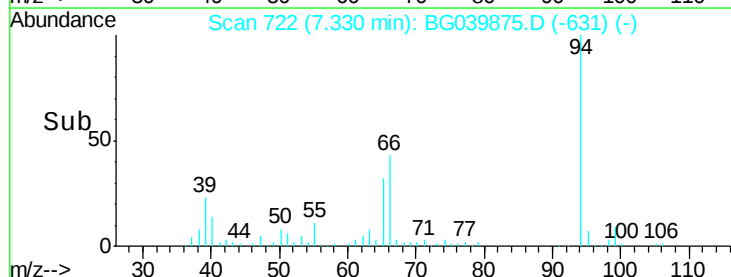
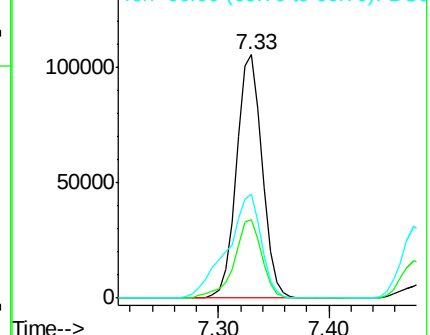
66 42.6 23.7 63.7



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

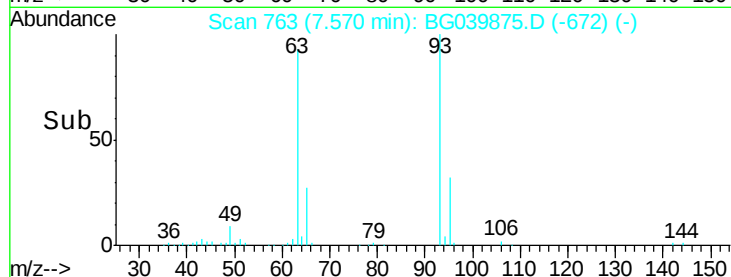
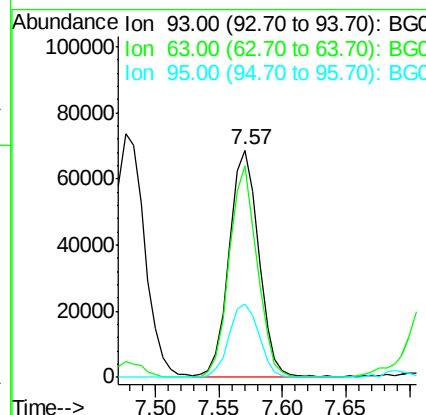
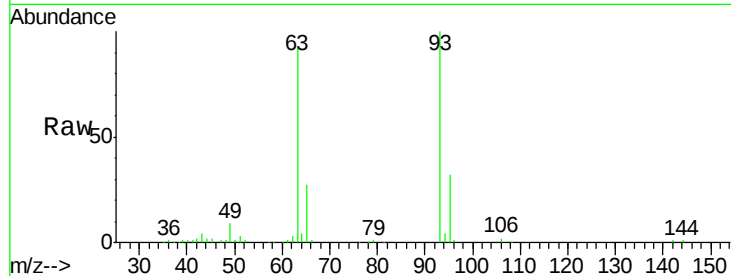




#11
bis(2-Chloroethyl)ether
Concen: 36.038 ng
RT: 7.57 min Scan# 763
Delta R.T. 0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

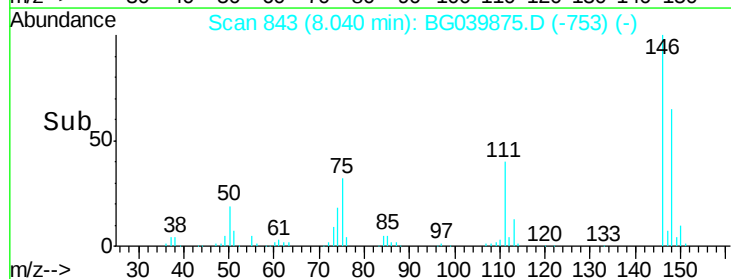
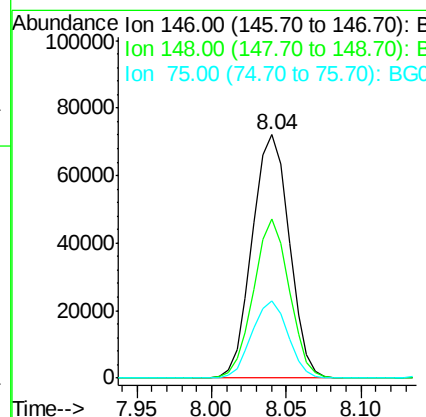
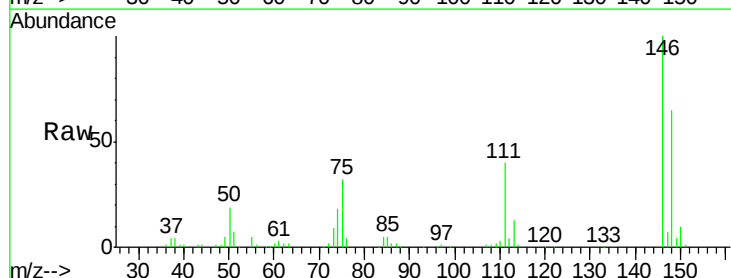
Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MSD

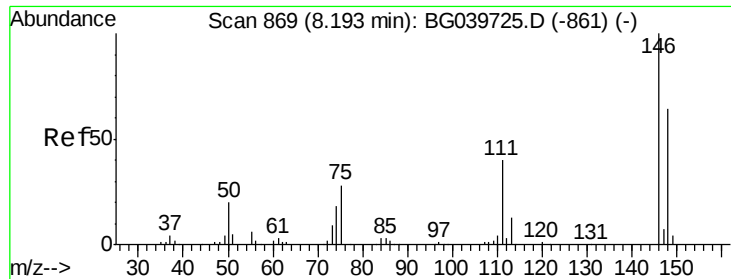
Tgt Ion: 93 Resp: 111316
Ion Ratio Lower Upper
93 100
63 93.3 69.5 109.5
95 32.2 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 36.756 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Tgt Ion: 146 Resp: 123692
Ion Ratio Lower Upper
146 100
148 65.3 52.6 79.0
75 31.7 25.8 38.6

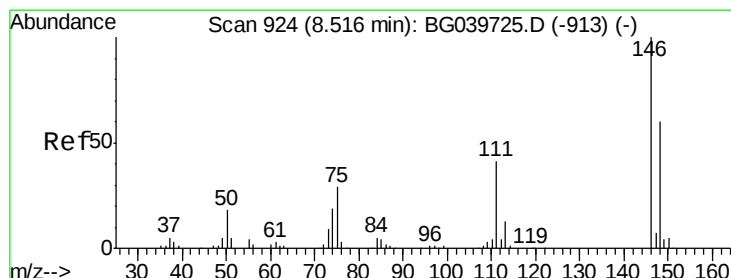
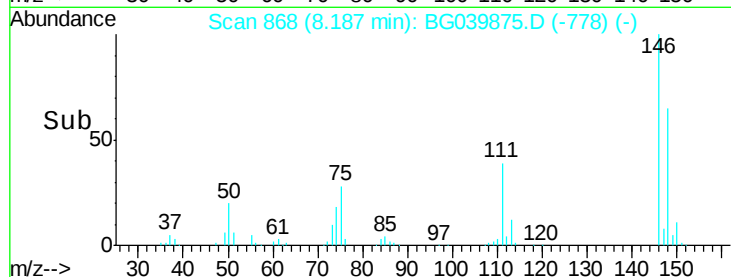
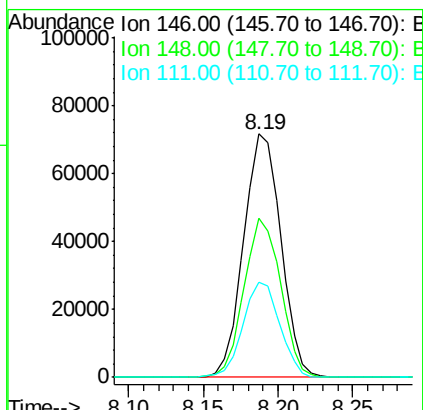
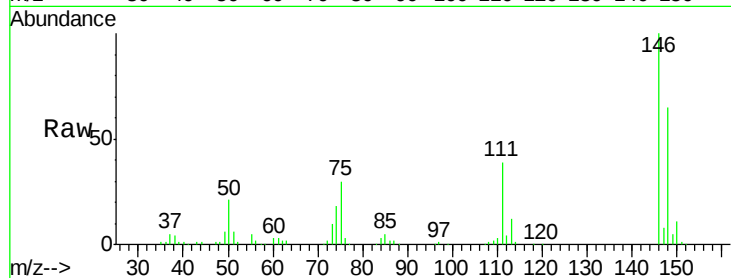




#13
 1,4-Dichlorobenzene
 Concen: 36.128 ng
 RT: 8.19 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: BG039875.D
 Acq: 12 Mar 2019 15:35

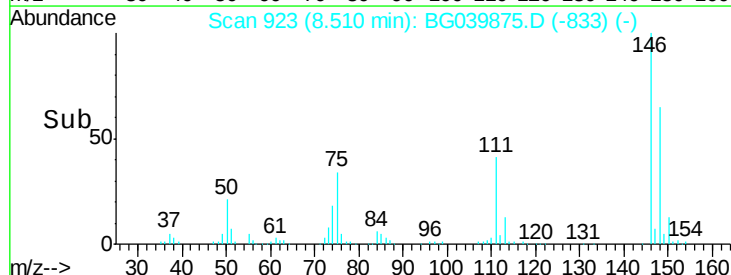
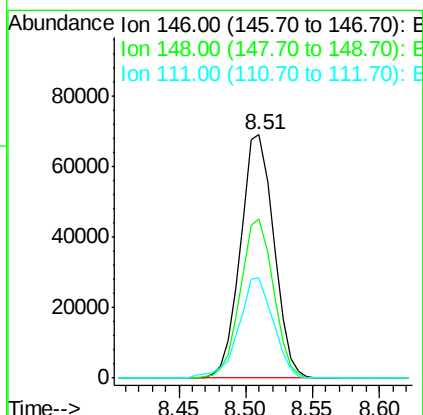
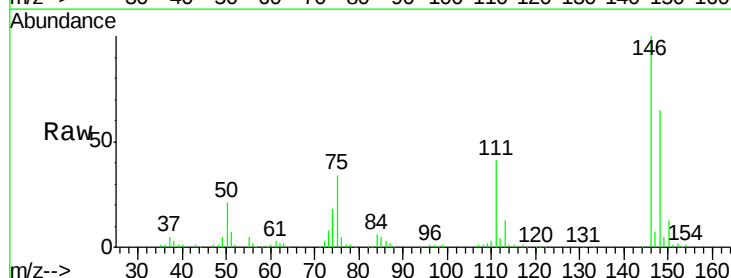
Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELD-SS-03072019MSD

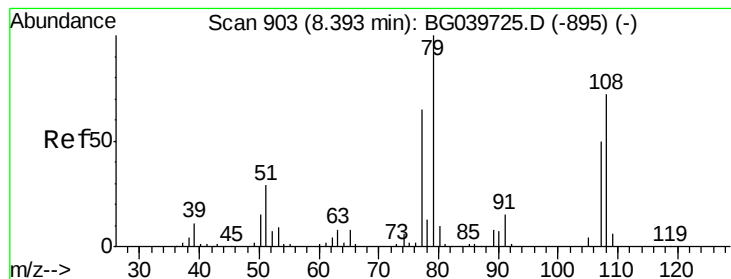
Tgt Ion:146 Resp: 123839
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.1 76.7
 111 39.2 32.6 48.8



#14
 1,2-Dichlorobenzene
 Concen: 36.061 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.00 min
 Lab File: BG039875.D
 Acq: 12 Mar 2019 15:35

Tgt Ion:146 Resp: 119428
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.5 77.3
 111 41.2 33.8 50.6





#15

Benzyl Alcohol

Concen: 40.119 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019MSD

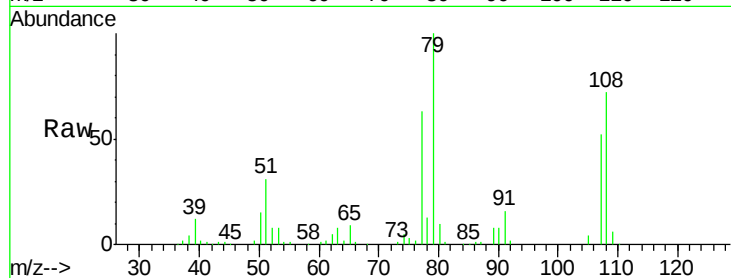
Tgt Ion: 79 Resp: 116381

Ion Ratio Lower Upper

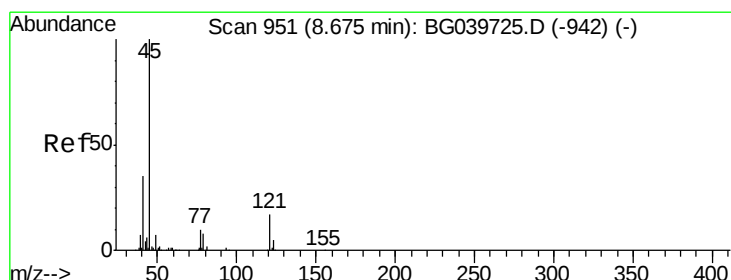
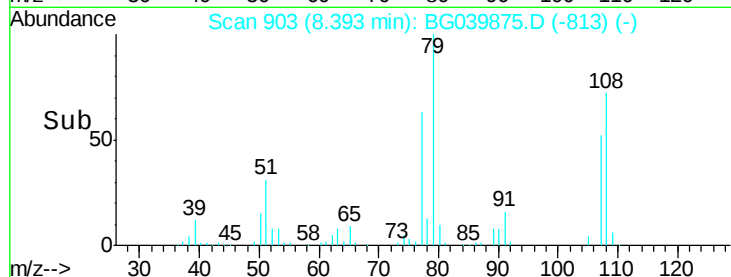
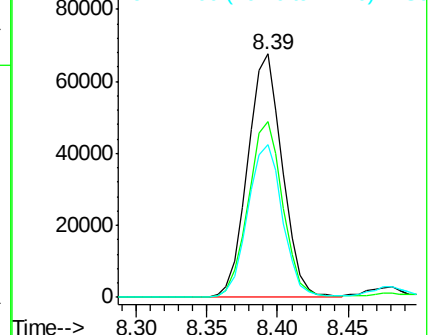
79 100

108 72.0 57.8 86.6

77 63.0 51.1 76.7



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.084 ng

RT: 8.67 min Scan# 951

Delta R.T. 0.01 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

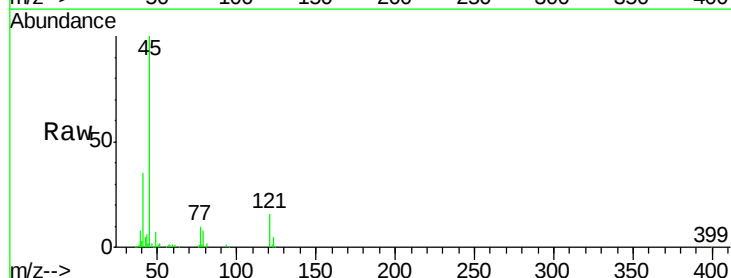
Tgt Ion: 45 Resp: 222916

Ion Ratio Lower Upper

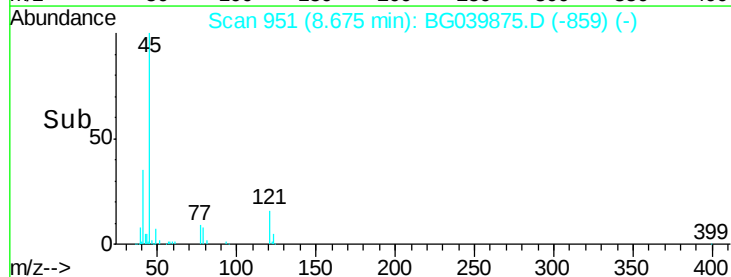
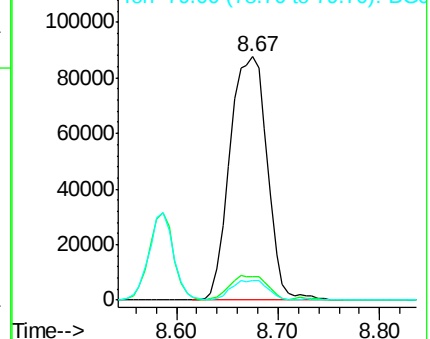
45 100

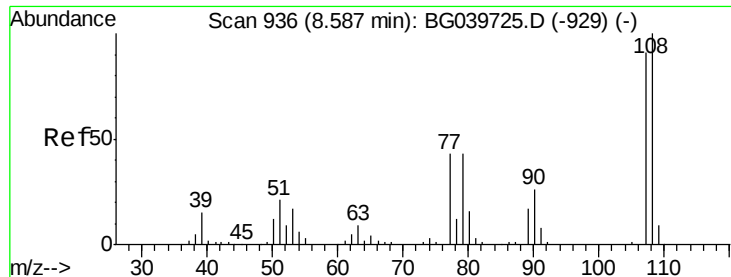
77 9.6 0.0 30.0

79 7.9 0.0 27.5



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

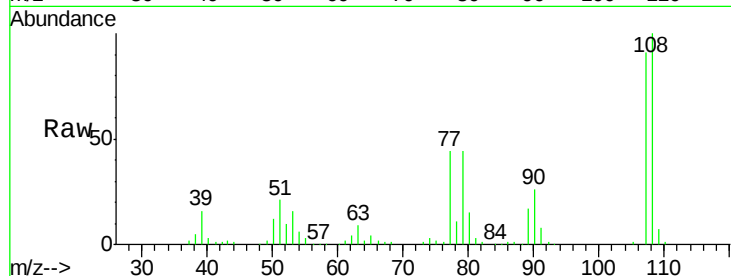




#17
2-Methylphenol
Concen: 42.698 ng
RT: 8.59 min Scan# 936
Delta R.T. 0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MSD

Tgt Ion:	107	Resp:	107861
Ion	Ratio	Lower	Upper
107	100		
108	110.2	90.8	136.2
77	48.2	40.7	61.1
79	48.3	40.6	60.8



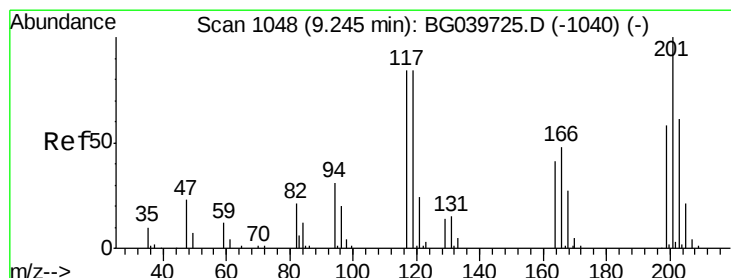
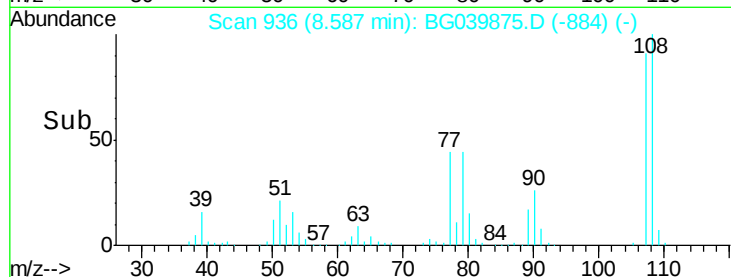
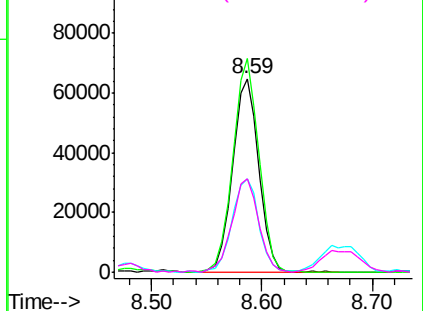
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

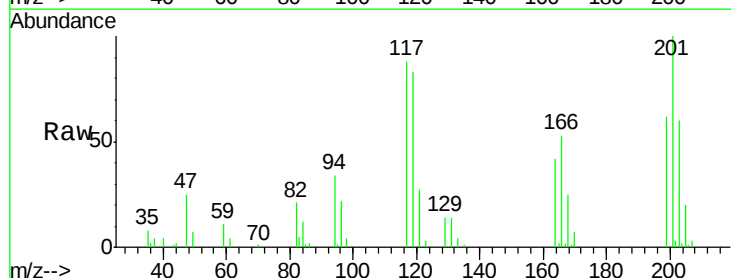
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 35.234 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Tgt Ion:	117	Resp:	43335
Ion	Ratio	Lower	Upper
117	100		
119	94.2	76.3	114.5
201	113.4	91.1	136.7

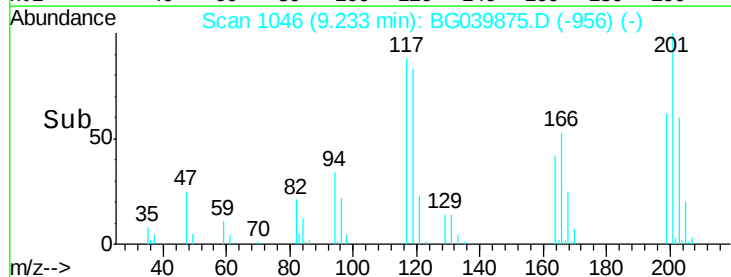
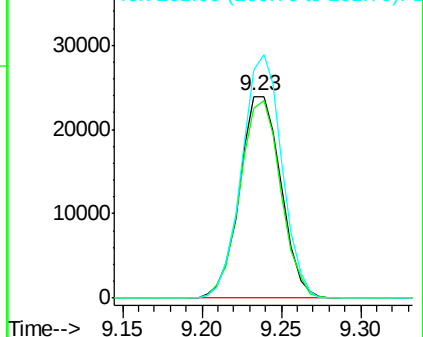


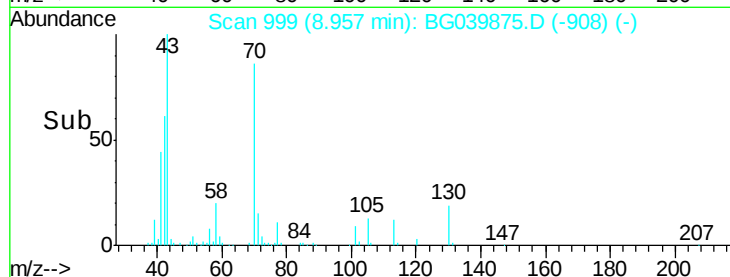
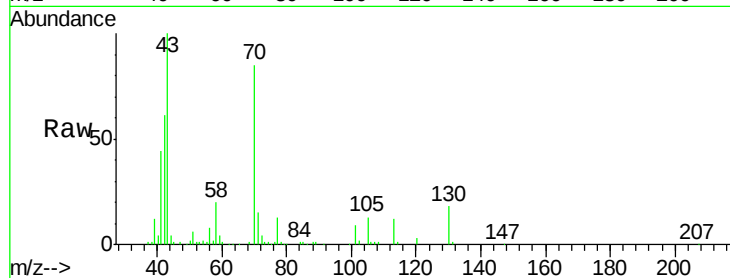
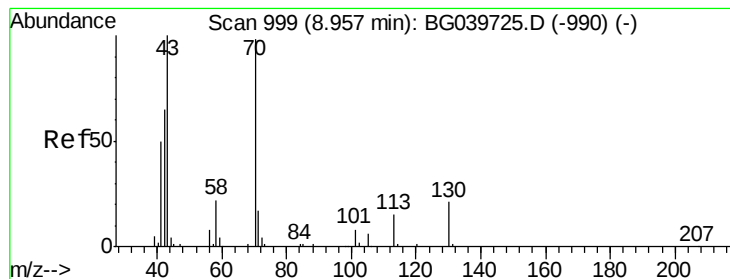
Abundance

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: 35.929 ng

RT: 8.96 min Scan# 999

Delta R.T. 0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019MSD

Tgt Ion: 70 Resp: 94572

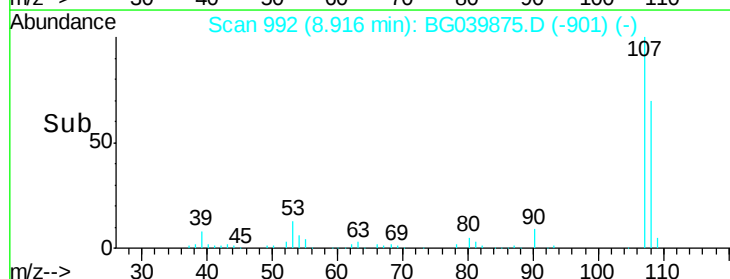
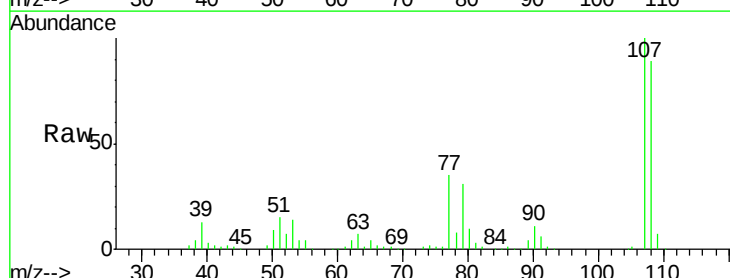
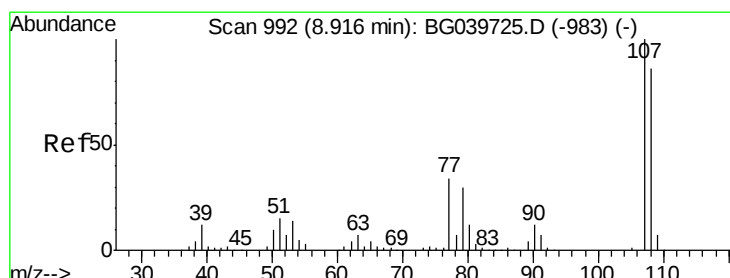
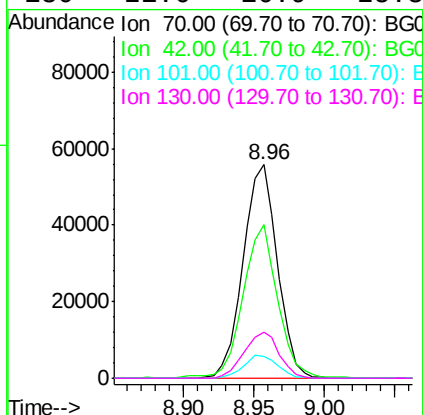
Ion Ratio Lower Upper

70 100

42 71.6 60.4 90.6

101 10.2 7.5 11.3

130 21.6 16.9 25.3



#20

3+4-Methylphenols

Concen: 43.020 ng

RT: 8.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Tgt Ion: 107 Resp: 150972

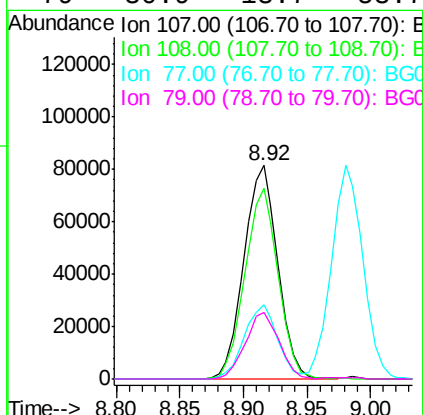
Ion Ratio Lower Upper

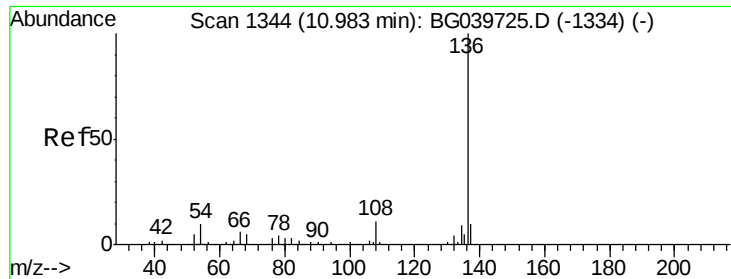
107 100

108 89.0 67.9 107.9

77 35.0 15.4 55.4

79 30.9 13.7 53.7

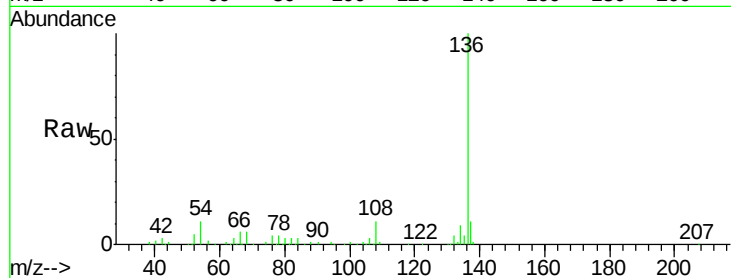




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MSD

Tgt Ion:	136	Resp:	185337
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	10.8	9.4	14.2
68	5.6	4.2	6.4



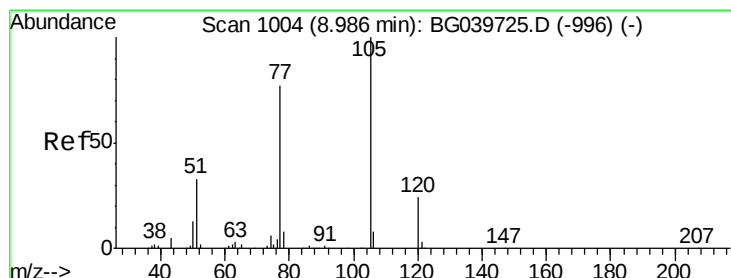
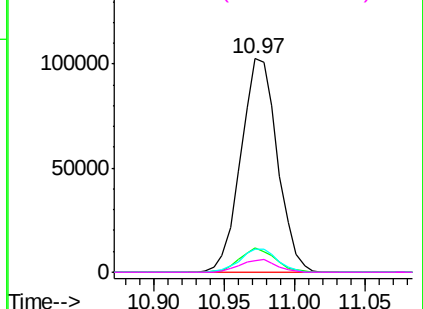
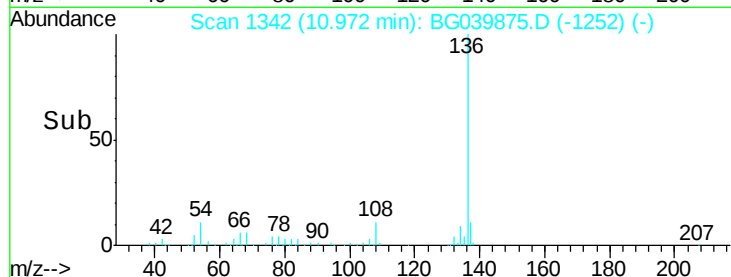
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

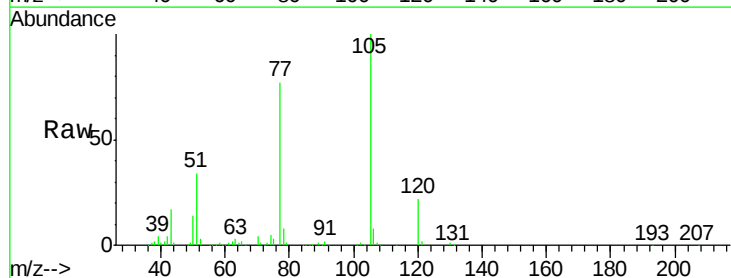
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 36.475 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Tgt Ion:	105	Resp:	181439
Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.8	1.2#
51	34.3	30.2	45.2
120	22.4	18.0	27.0



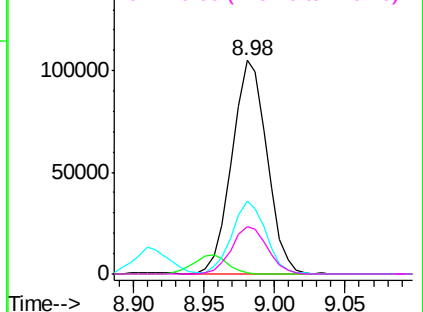
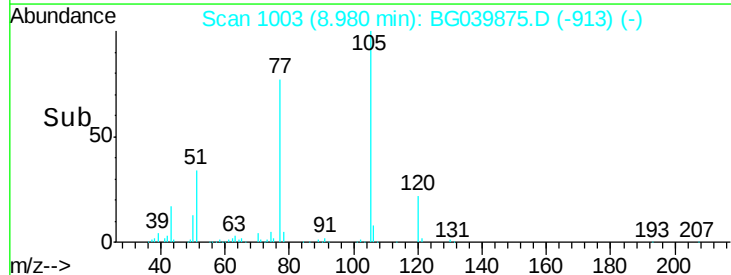
Abundance

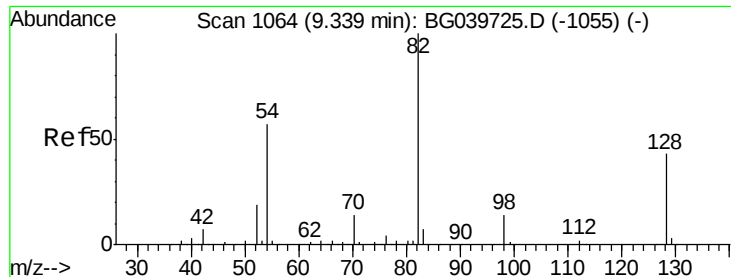
Ion 105.00 (104.70 to 105.70): E

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

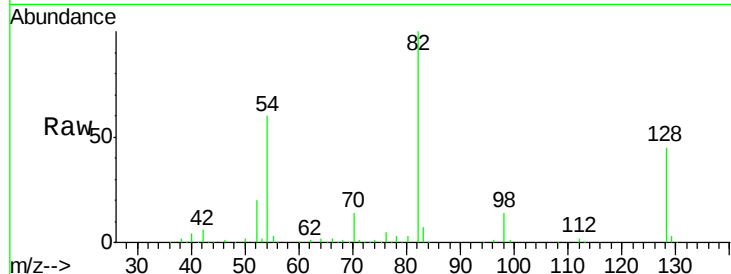




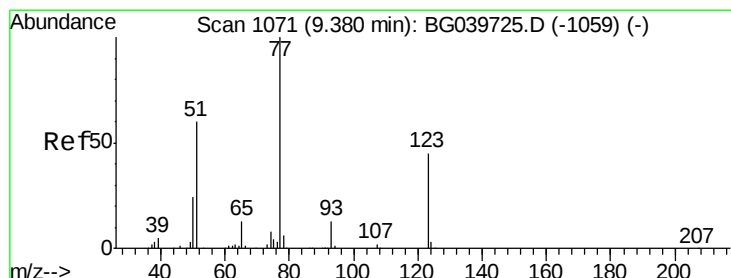
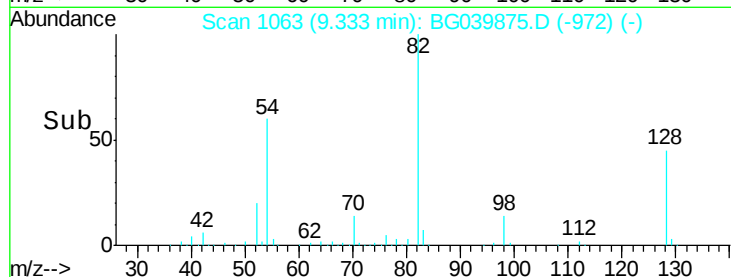
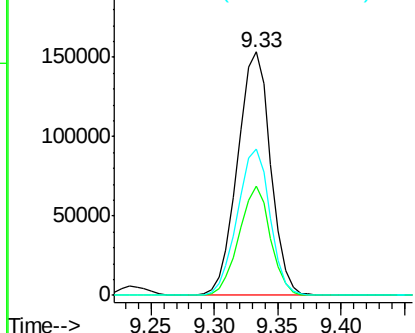
#23
 Nitrobenzene-d5
 Concen: 81.061 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: BG039875.D
 Acq: 12 Mar 2019 15:35

Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELD-SS-03072019MSD

Tgt Ion: 82 Resp: 277782
 Ion Ratio Lower Upper
 82 100
 128 44.7 31.3 46.9
 54 60.1 50.9 76.3

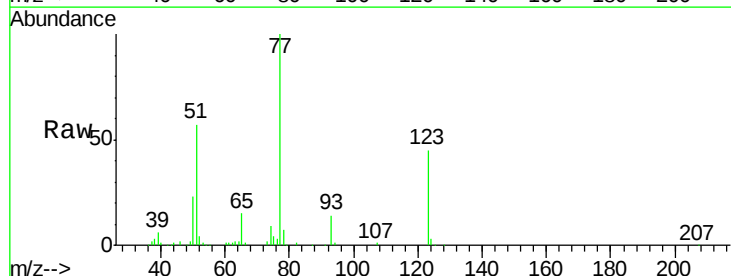


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

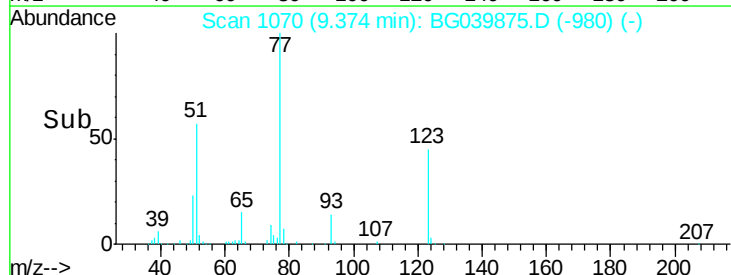
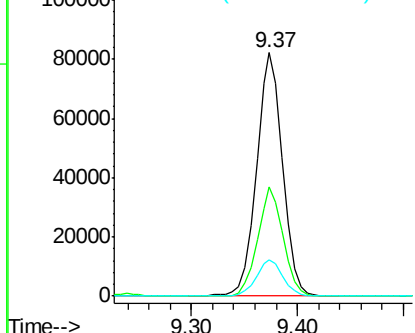


#24
 Nitrobenzene
 Concen: 39.100 ng
 RT: 9.37 min Scan# 1070
 Delta R.T. -0.00 min
 Lab File: BG039875.D
 Acq: 12 Mar 2019 15:35

Tgt Ion: 77 Resp: 140565
 Ion Ratio Lower Upper
 77 100
 123 45.0 34.1 51.1
 65 15.1 12.3 18.5



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





#25

Isophorone

Concen: 38.393 ng

RT: 9.88 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019MSD

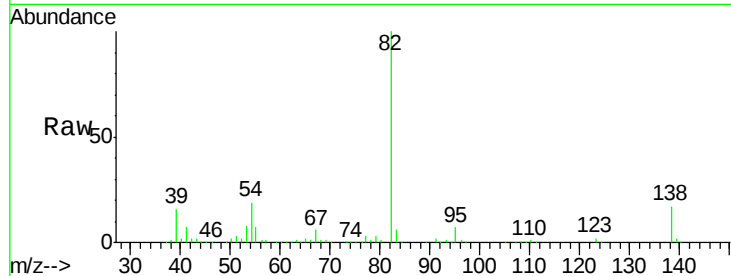
Tgt Ion: 82 Resp: 275676

Ion Ratio Lower Upper

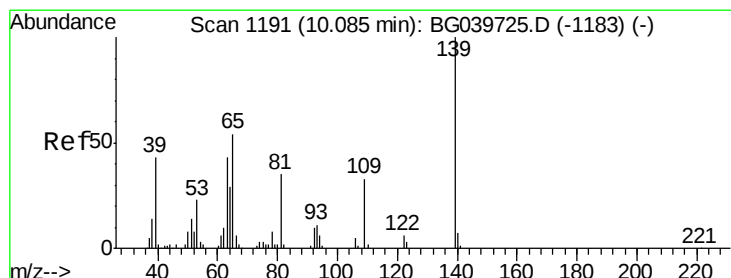
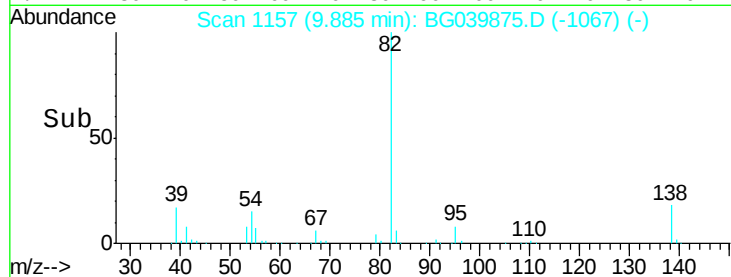
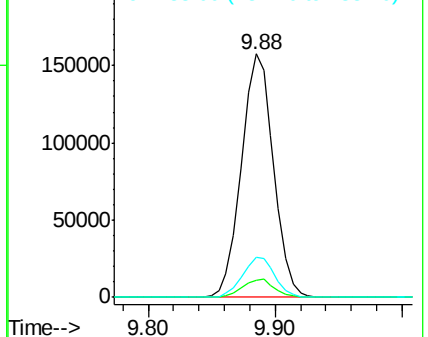
82 100

95 7.1 6.2 9.2

138 16.6 13.0 19.4



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



#26

2-Nitrophenol

Concen: 40.638 ng

RT: 10.08 min Scan# 1191

Delta R.T. 0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

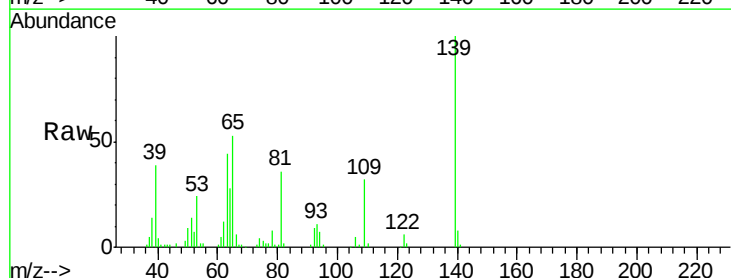
Tgt Ion: 139 Resp: 70536

Ion Ratio Lower Upper

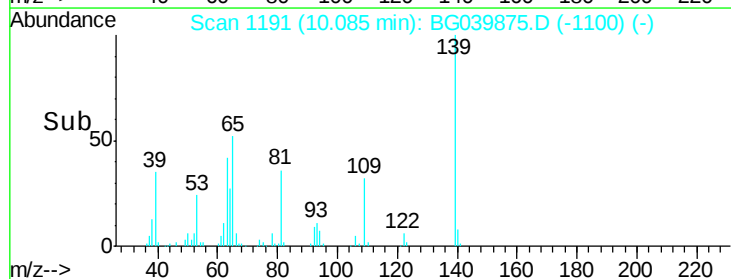
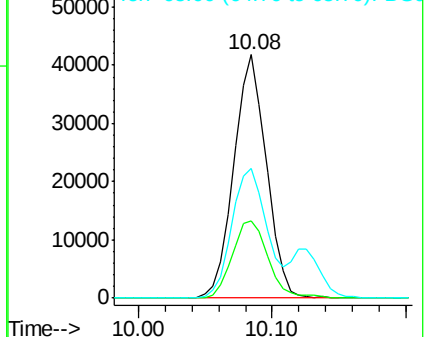
139 100

109 31.9 23.4 35.0

65 53.2 44.3 66.5



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

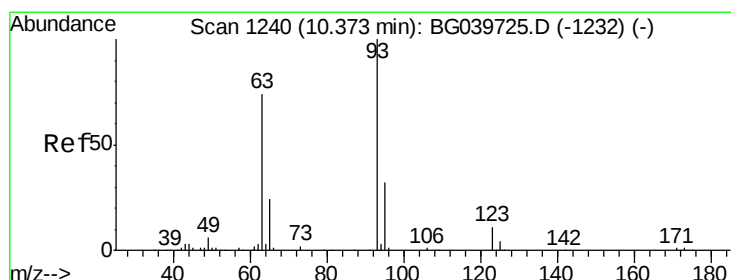
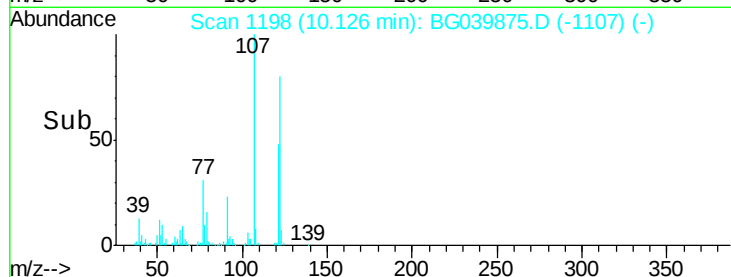
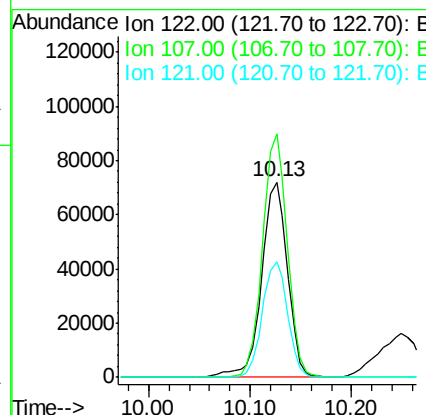
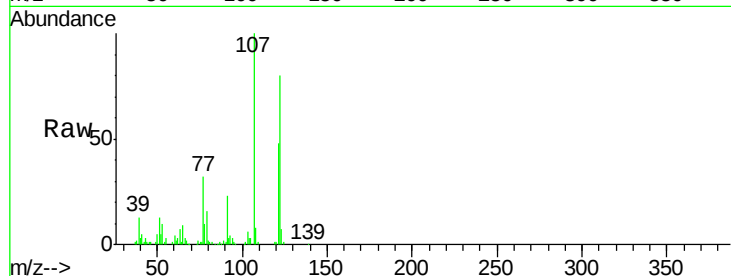




#27
2,4-Dimethylphenol
Concen: 47.254 ng
RT: 10.13 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

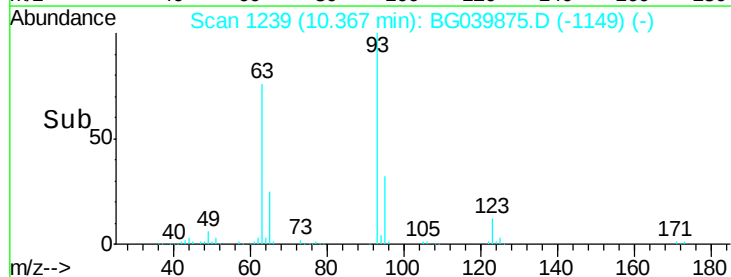
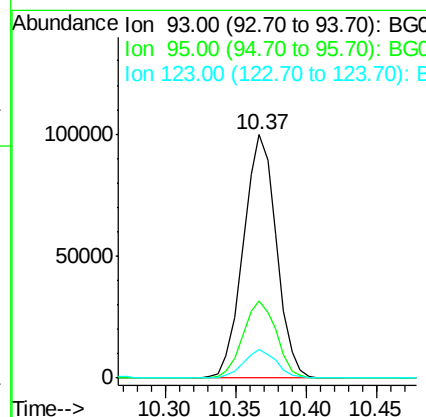
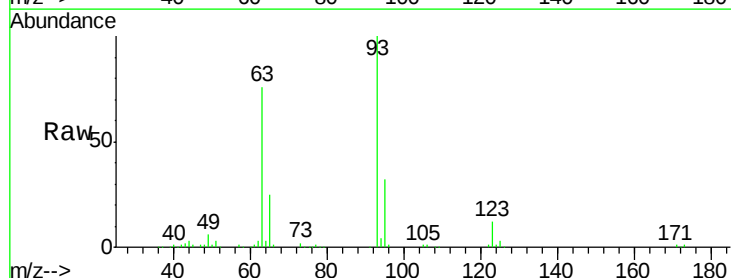
Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MSD

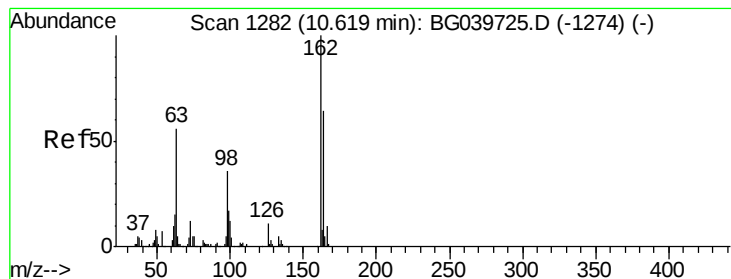
Tgt Ion	Ratio	Lower	Upper
122	100		
107	124.9	91.7	137.5
121	59.5	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 37.407 ng
RT: 10.37 min Scan# 1239
Delta R.T. -0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.0	37.4
123	11.6	8.6	12.8





#29

2,4-Dichlorophenol

Concen: 45.195 ng

RT: 10.61 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019MSD

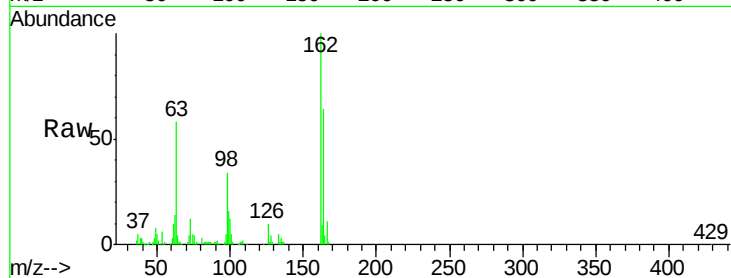
Tgt Ion:162 Resp: 137365

Ion Ratio Lower Upper

162 100

164 64.1 48.1 88.1

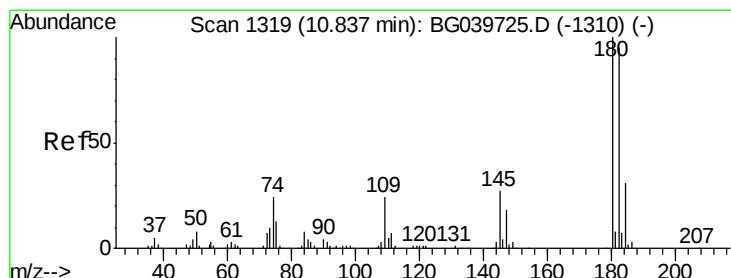
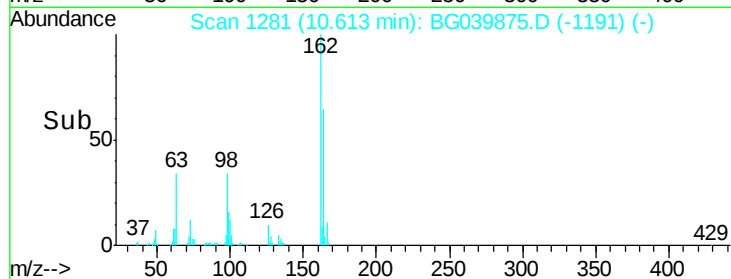
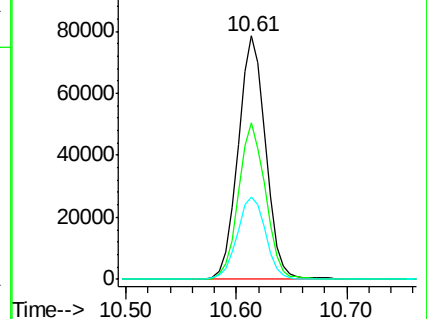
98 33.9 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 37.526 ng

RT: 10.83 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

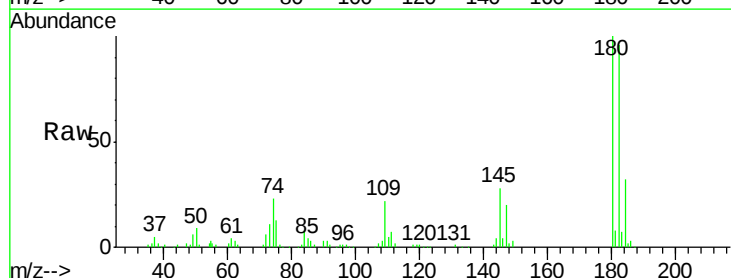
Tgt Ion:180 Resp: 128343

Ion Ratio Lower Upper

180 100

182 95.9 76.0 114.0

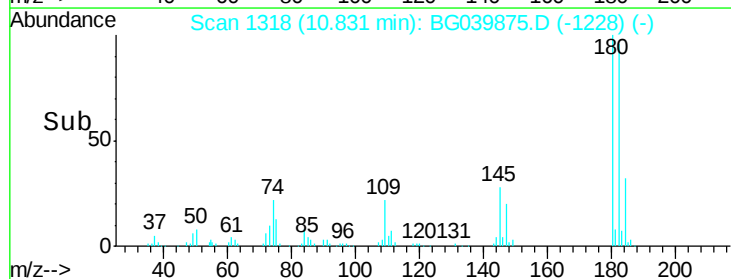
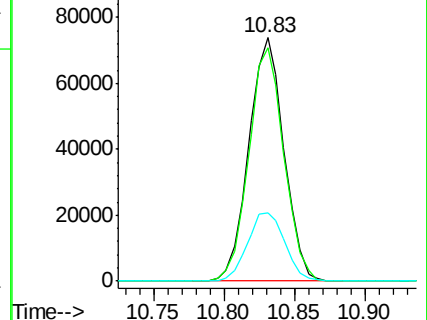
145 28.2 22.7 34.1



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

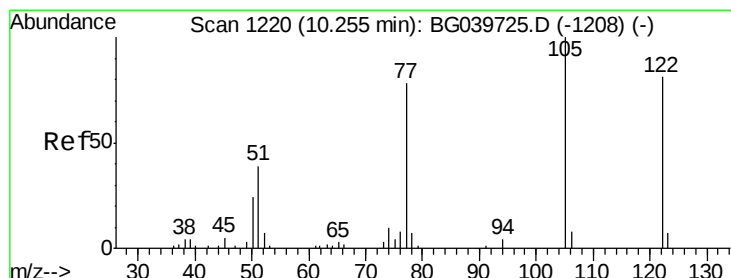
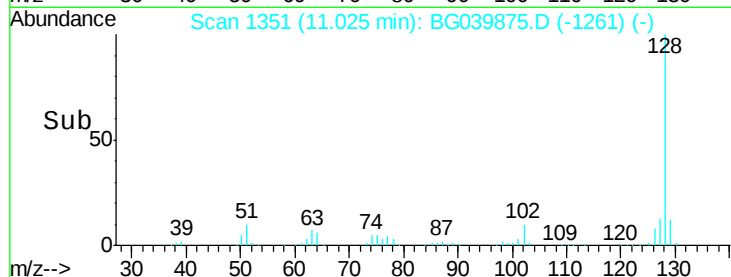
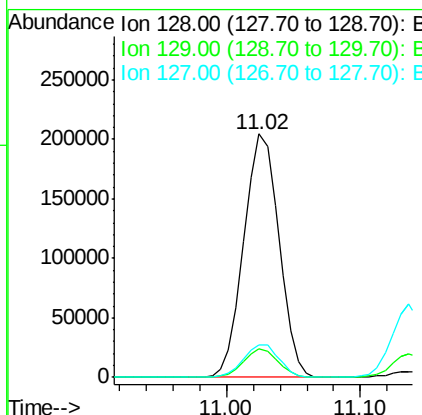
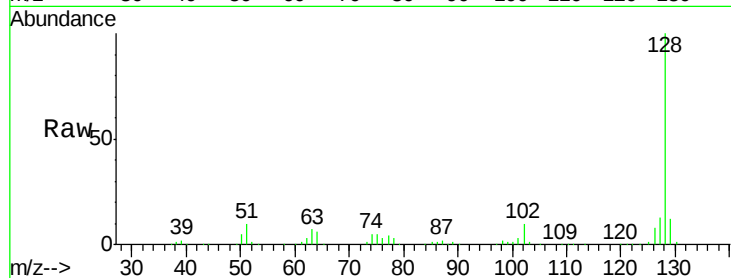




#31
Naphthalene
Concen: 37.948 ng
RT: 11.02 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

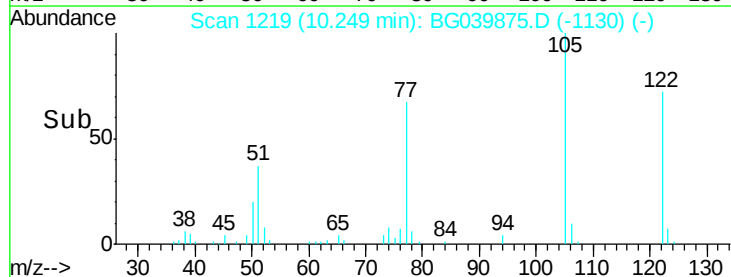
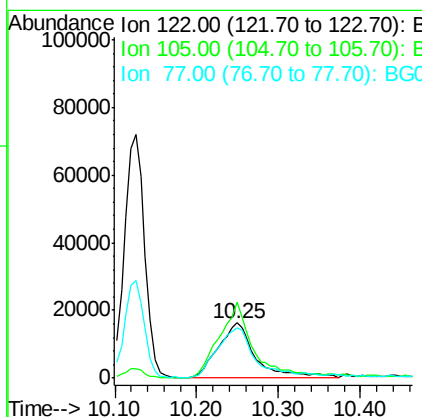
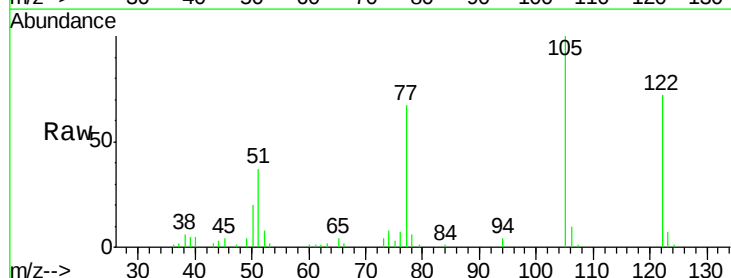
Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MSD

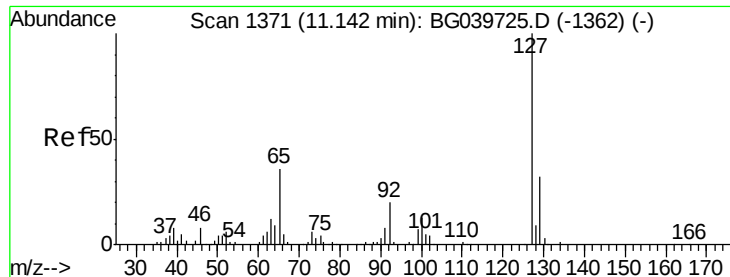
Tgt Ion:128 Resp: 372376
Ion Ratio Lower Upper
128 100
129 11.9 8.7 13.1
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 30.882 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Tgt Ion:122 Resp: 52184
Ion Ratio Lower Upper
122 100
105 138.6 101.8 141.8
77 92.7 76.3 116.3

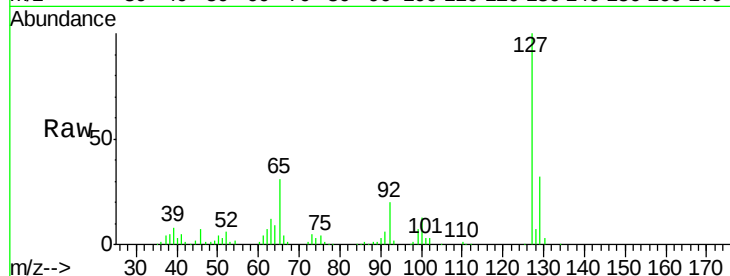




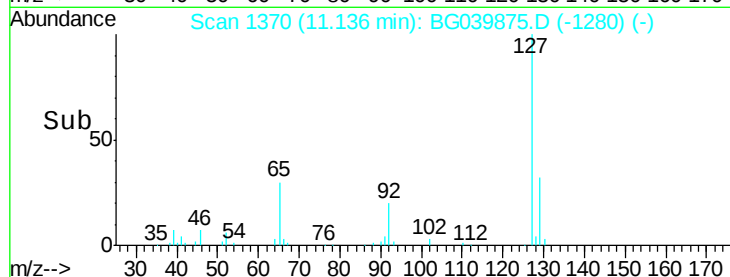
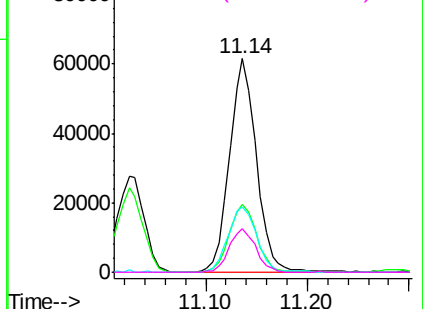
#33
4-Chloroaniline
Concen: 27.126 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MSD

Tgt Ion:	127	Resp:	112873
Ion	Ratio	Lower	Upper
127	100		
129	31.6	27.0	40.4
65	30.6	28.8	43.2
92	20.2	16.6	25.0

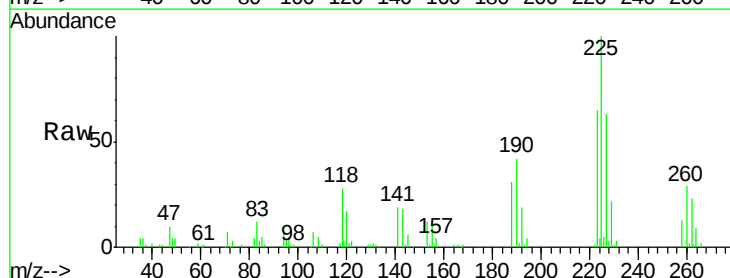


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

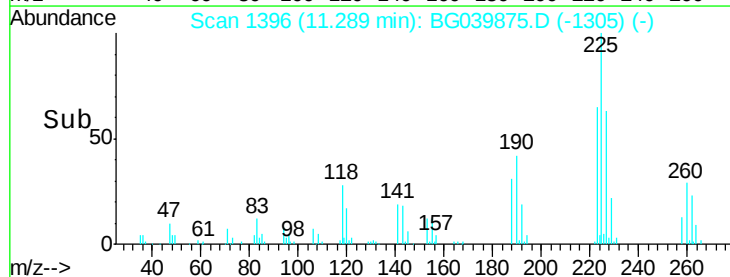
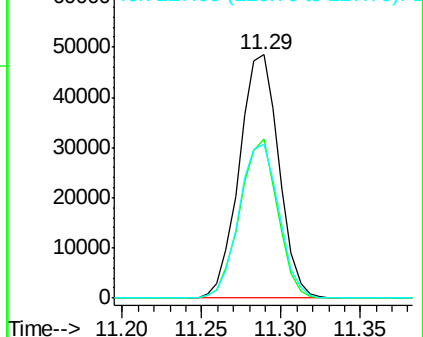


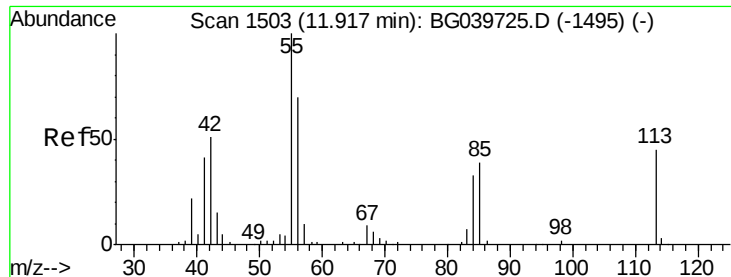
#34
Hexachlorobutadiene
Concen: 35.922 ng
RT: 11.29 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Tgt Ion:	225	Resp:	83954
Ion	Ratio	Lower	Upper
225	100		
223	65.3	49.0	73.6
227	63.2	46.3	69.5



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

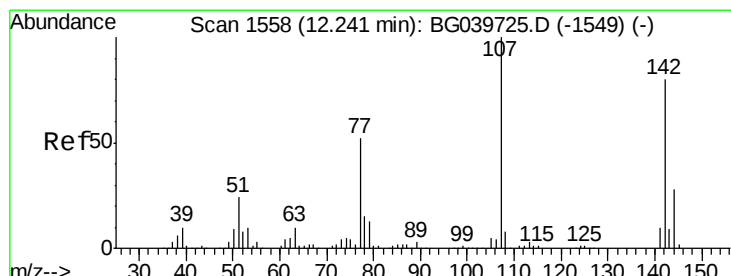
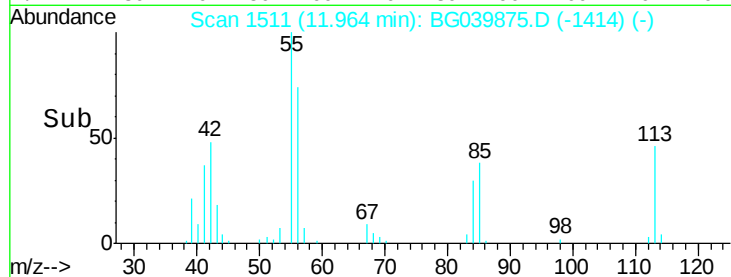
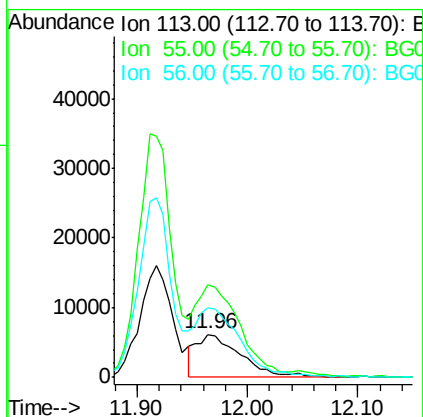
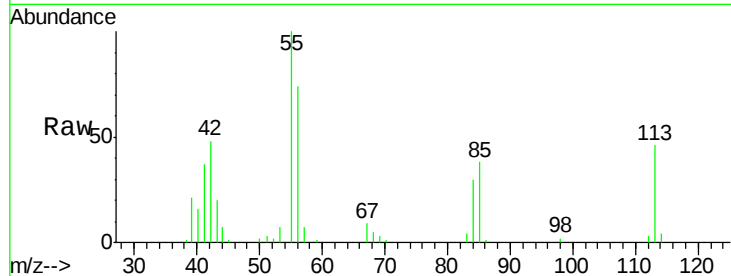




#35
 Caprolactam
 Concen: 14.671 ng
 RT: 11.96 min Scan# 1511
 Delta R.T. 0.04 min
 Lab File: BG039875.D
 Acq: 12 Mar 2019 15:35

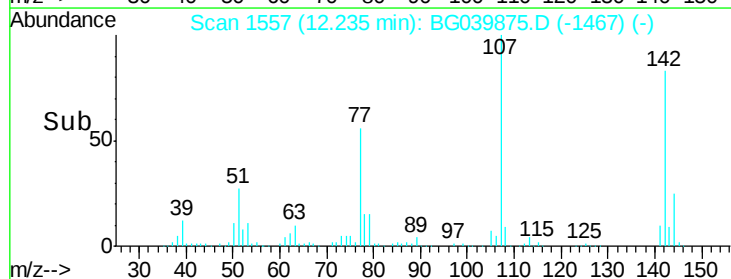
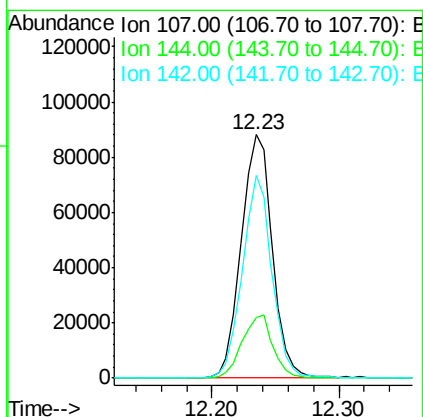
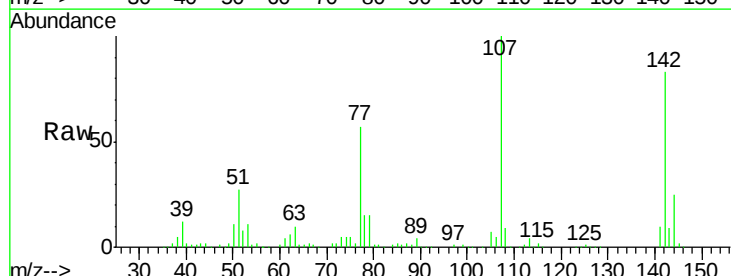
Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELD-SS-03072019MSD

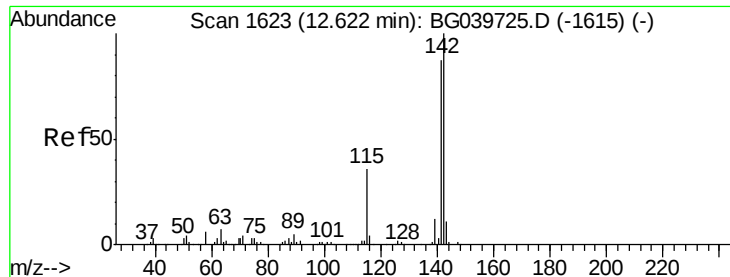
Tgt Ion:113 Resp: 17033
 Ion Ratio Lower Upper
 113 100
 55 217.9 216.9 256.9
 56 161.5 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 43.105 ng
 RT: 12.23 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: BG039875.D
 Acq: 12 Mar 2019 15:35

Tgt Ion:107 Resp: 150182
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.2 30.2
 142 83.1 61.4 92.2

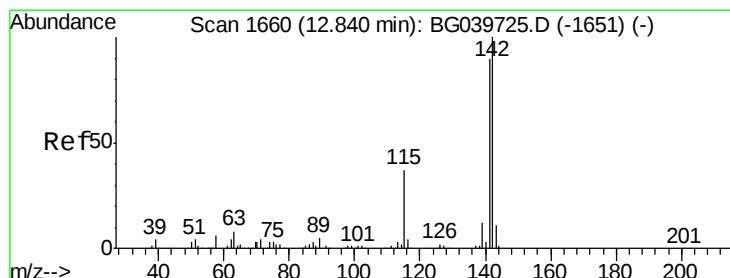
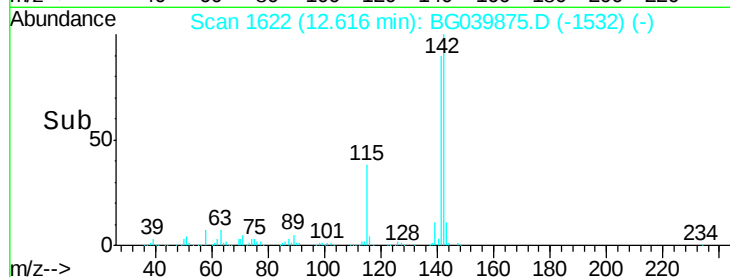
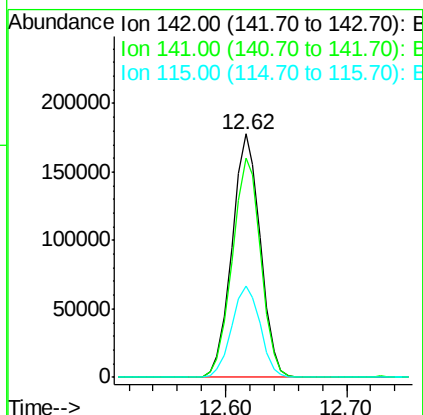
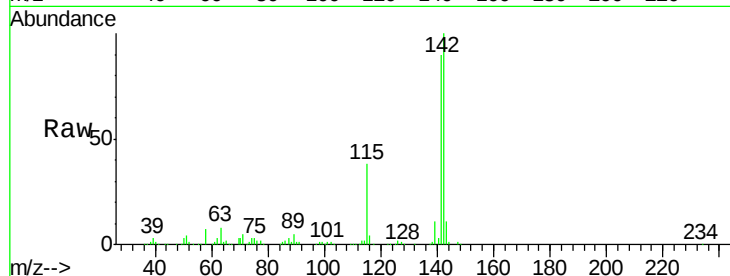




#37
 2-Methylnaphthalene
 Concen: 39.403 ng
 RT: 12.62 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BG039875.D
 Acq: 12 Mar 2019 15:35

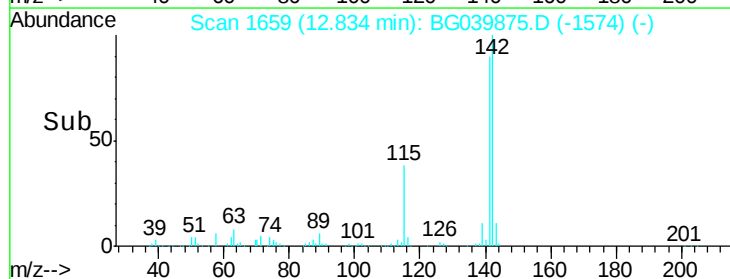
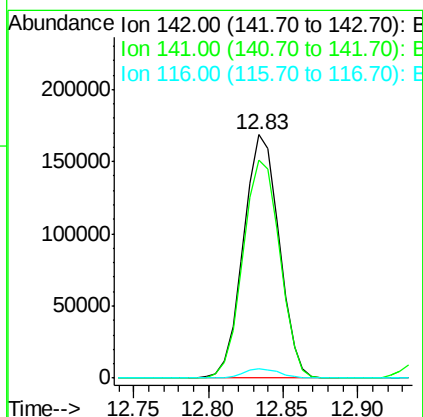
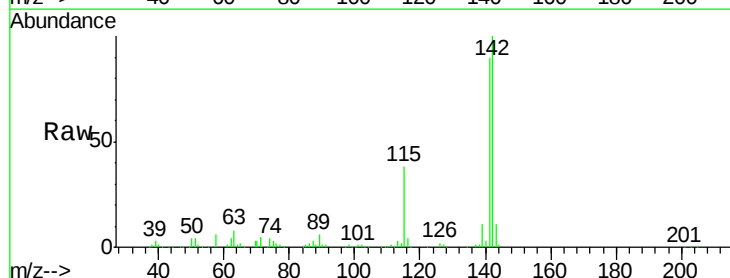
Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELD-SS-03072019MSD

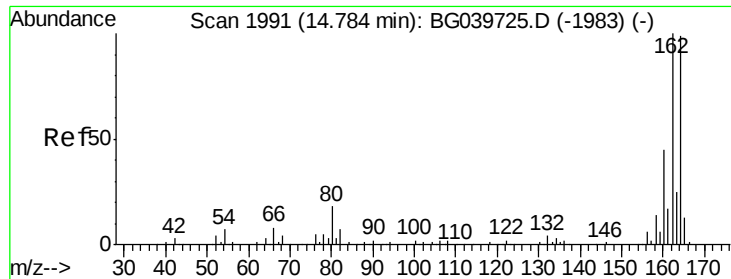
Tgt Ion:142 Resp: 289071
 Ion Ratio Lower Upper
 142 100
 141 90.0 73.5 110.3
 115 37.6 30.8 46.2



#38
 1-Methylnaphthalene
 Concen: 39.068 ng
 RT: 12.83 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: BG039875.D
 Acq: 12 Mar 2019 15:35

Tgt Ion:142 Resp: 278539
 Ion Ratio Lower Upper
 142 100
 141 89.8 74.2 111.4
 116 4.0 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: BG039875.D

Acq: 12 Mar 2019 15:35

Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019MSD

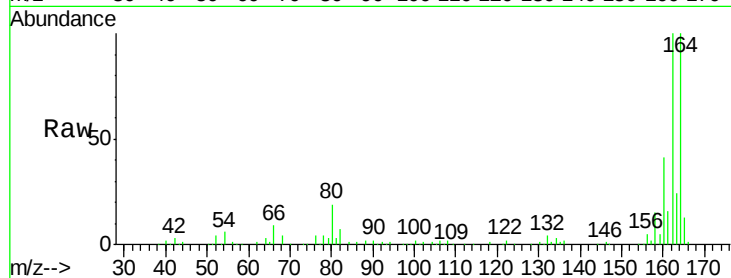
Tgt Ion:164 Resp: 130719

Ion Ratio Lower Upper

164 100

162 99.5 81.6 122.4

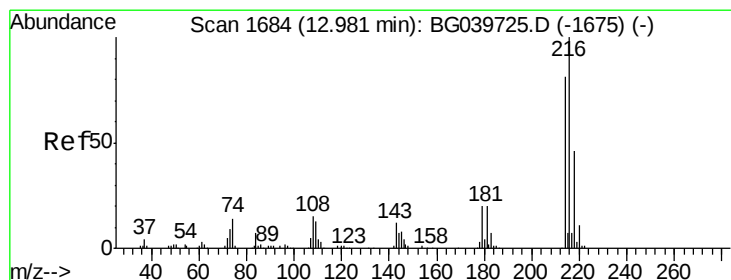
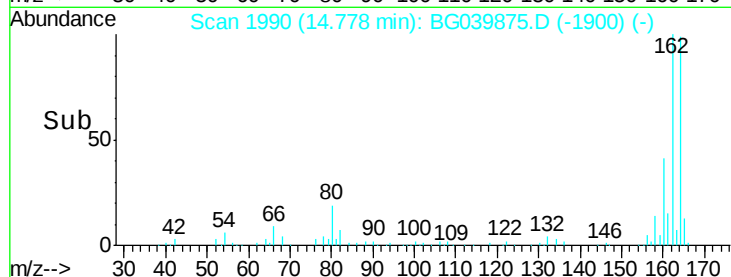
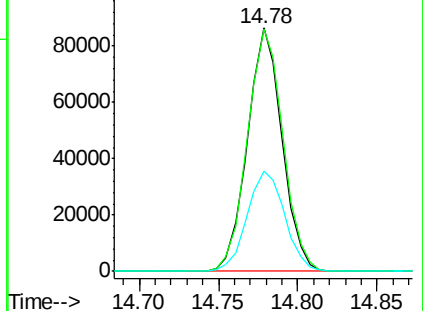
160 41.3 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.320 ng

RT: 12.97 min Scan# 1683

Delta R.T. -0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Tgt Ion:216 Resp: 160841

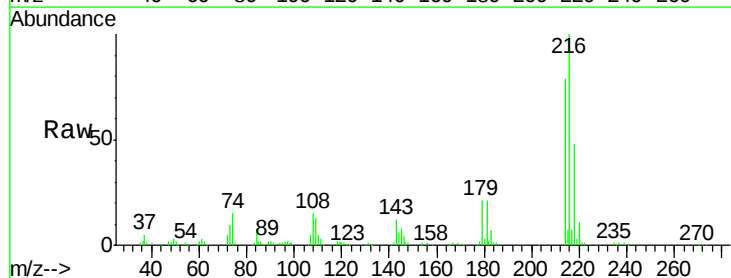
Ion Ratio Lower Upper

216 100

214 80.7 62.6 94.0

179 20.6 16.6 25.0

108 18.0 14.0 21.0

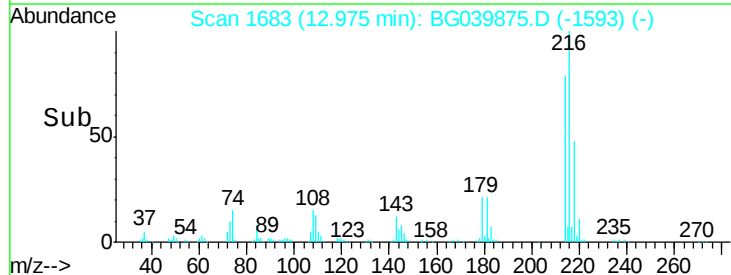
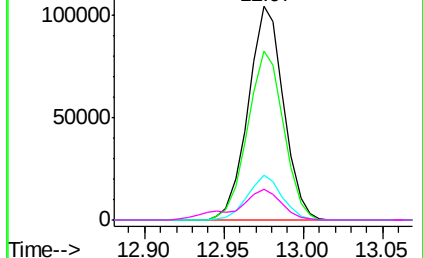


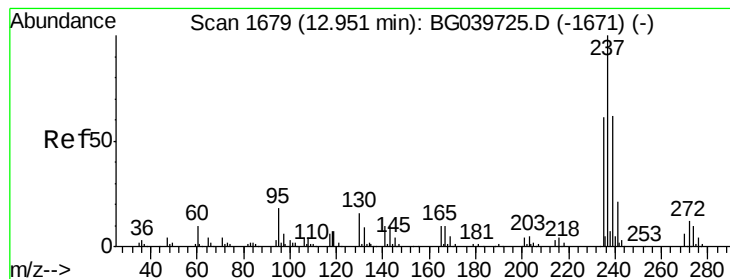
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 84.510 ng

RT: 12.95 min Scan# 1678

Delta R.T. 0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019MSD

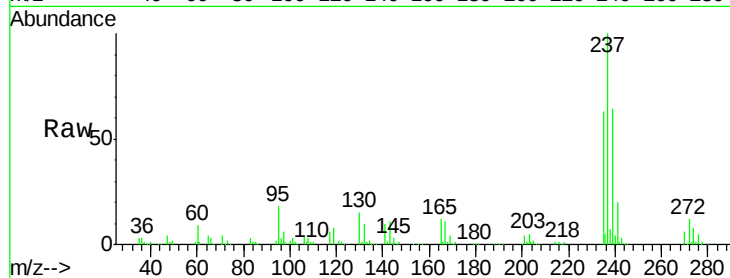
Tgt Ion: 237 Resp: 200561

Ion Ratio Lower Upper

237 100

235 62.7 43.3 83.3

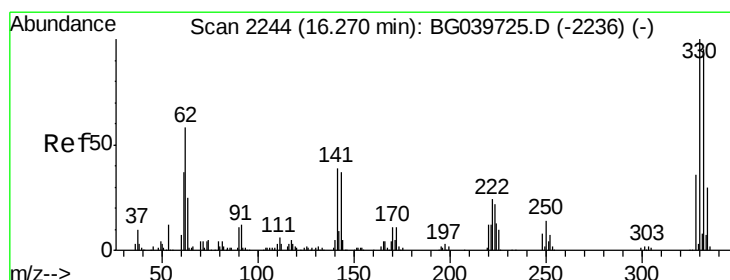
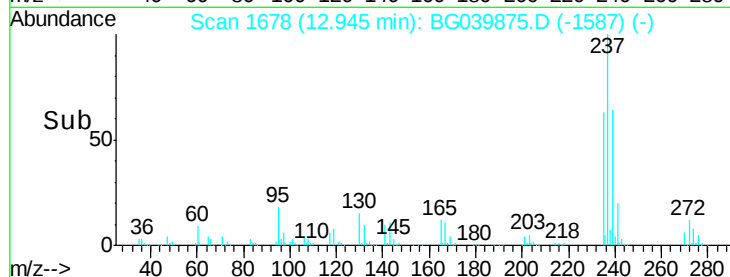
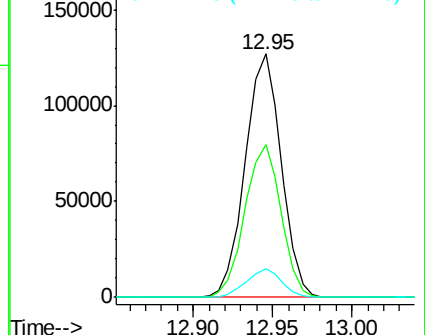
272 12.0 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 130.253 ng

RT: 16.27 min Scan# 2244

Delta R.T. 0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

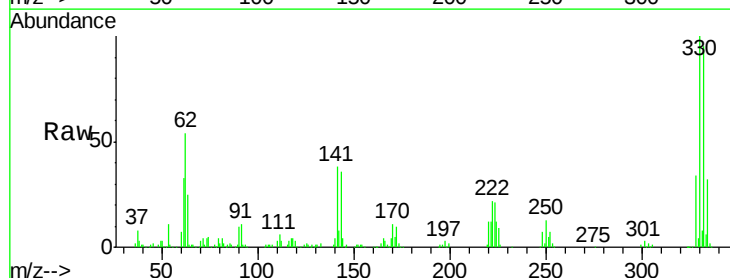
Tgt Ion: 330 Resp: 198457

Ion Ratio Lower Upper

330 100

332 95.1 75.7 113.5

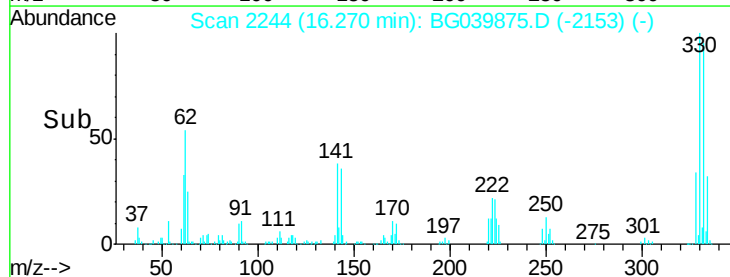
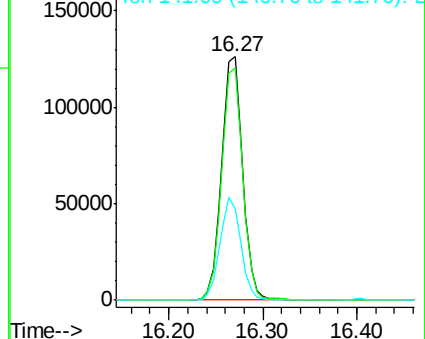
141 41.4 35.6 53.4

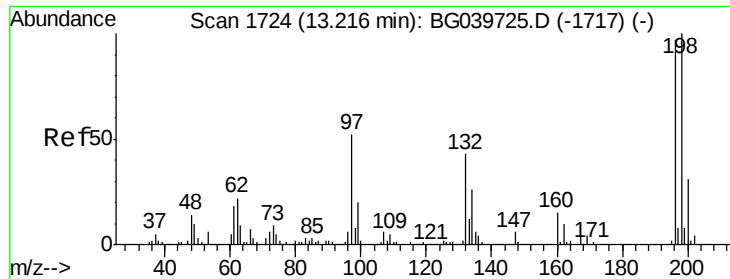


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

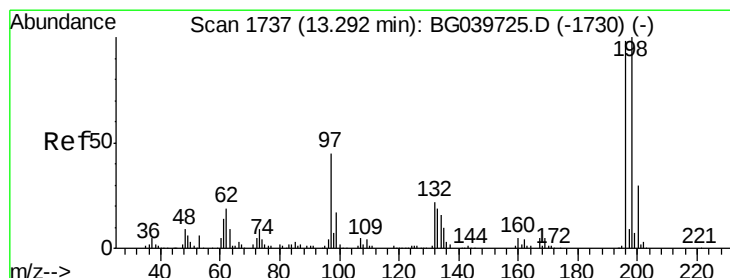
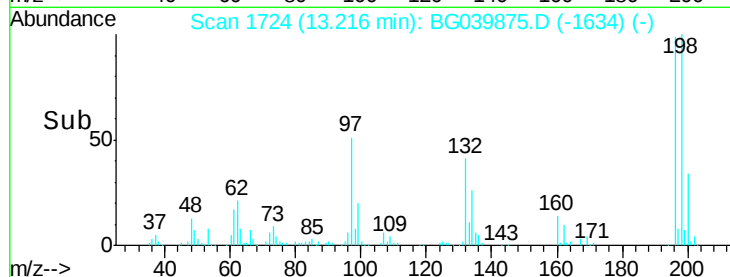
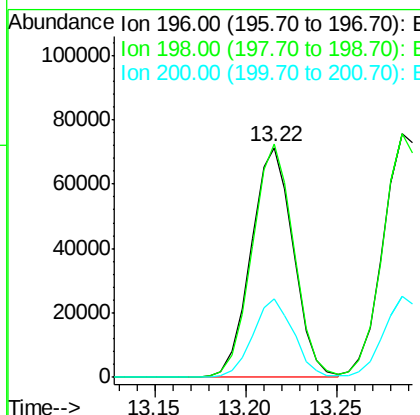
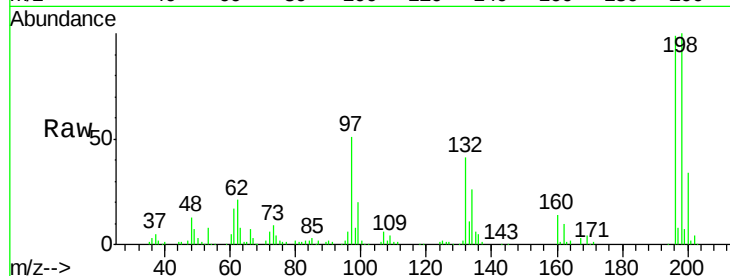




#43
 2,4,6-Trichlorophenol
 Concen: 44.379 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG039875.D
 Acq: 12 Mar 2019 15:35

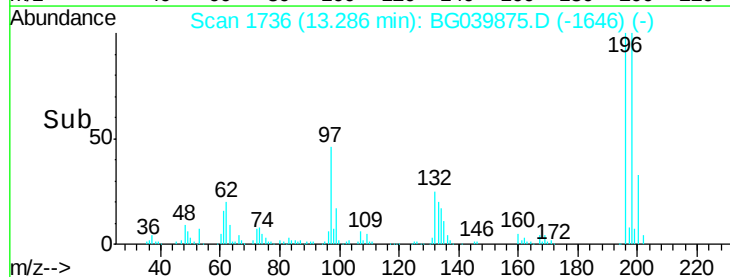
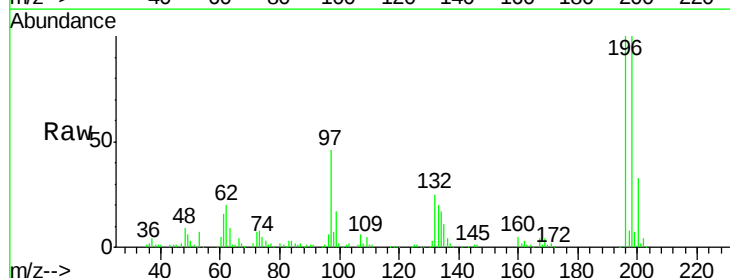
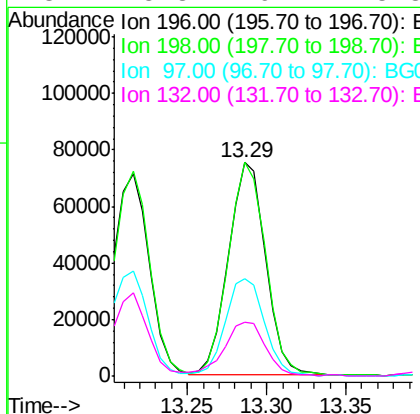
Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELD-SS-03072019MSD

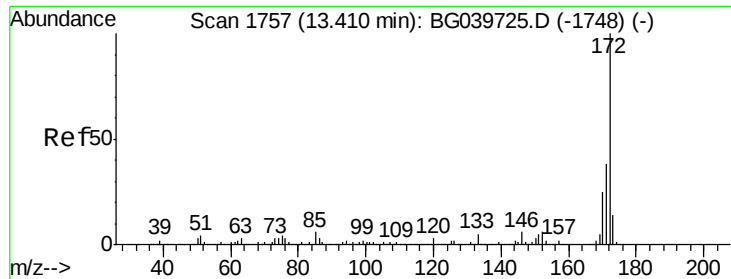
Tgt Ion:196 Resp: 115060
 Ion Ratio Lower Upper
 196 100
 198 101.5 80.6 121.0
 200 34.0 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 41.895 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG039875.D
 Acq: 12 Mar 2019 15:35

Tgt Ion:196 Resp: 122433
 Ion Ratio Lower Upper
 196 100
 198 99.9 78.5 117.7
 97 45.8 38.4 57.6
 132 25.3 19.2 28.8

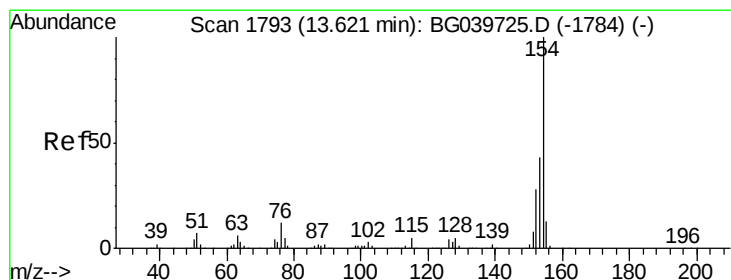
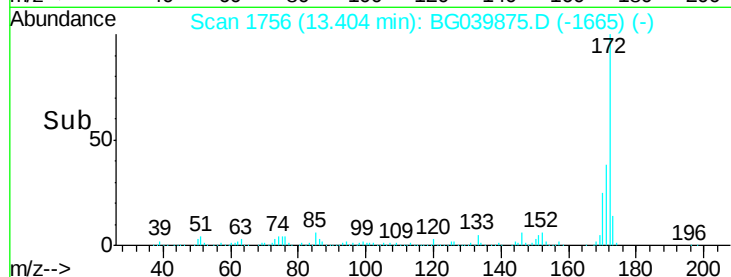
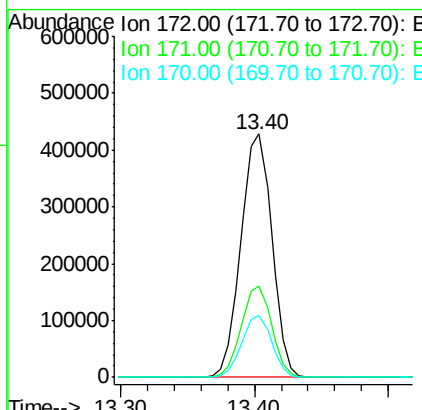
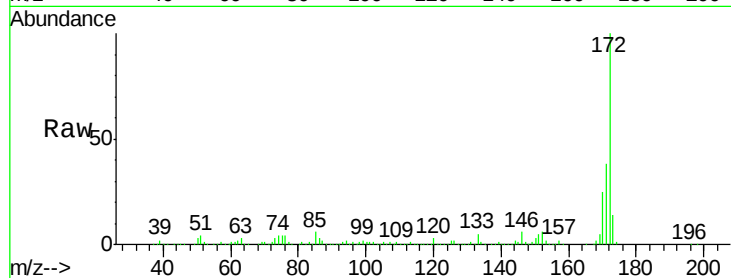




#45
 2-Fluorobiphenyl
 Concen: 74.724 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: BG039875.D
 Acq: 12 Mar 2019 15:35

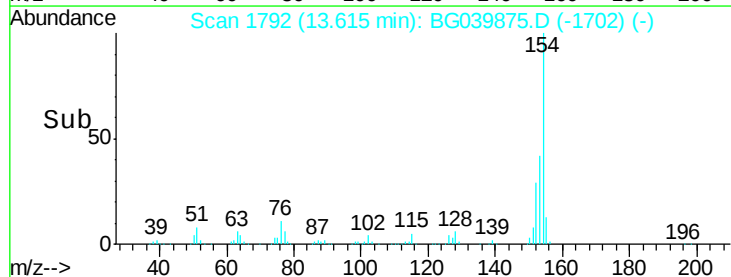
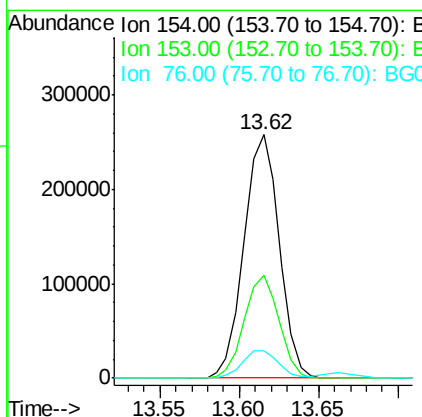
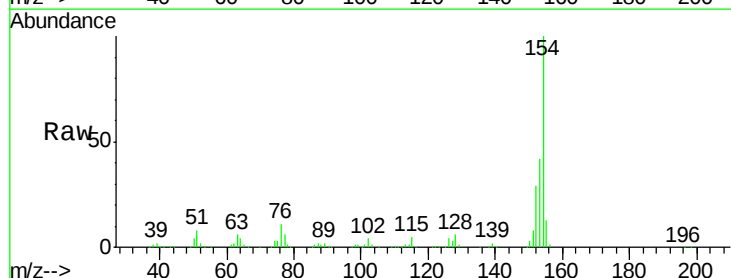
Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELD-SS-03072019MSD

Tgt Ion:172 Resp: 686026
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.8 46.2
 170 25.3 20.2 30.4



#46
 1,1'-Biphenyl
 Concen: 37.034 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG039875.D
 Acq: 12 Mar 2019 15:35

Tgt Ion:154 Resp: 398166
 Ion Ratio Lower Upper
 154 100
 153 42.0 22.1 62.1
 76 11.3 0.0 32.4

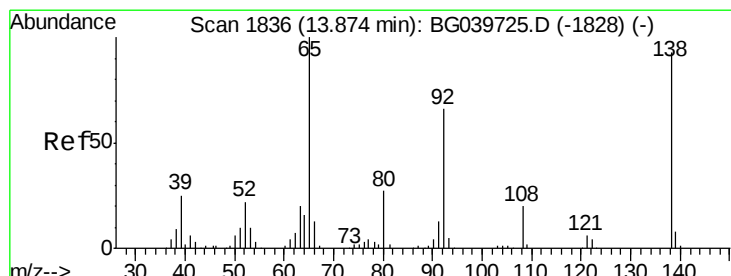
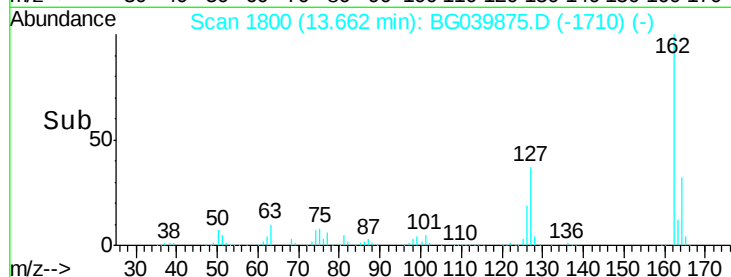
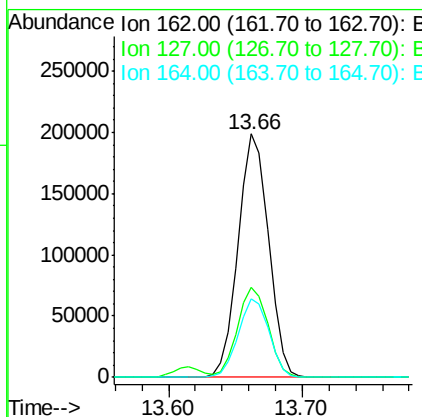
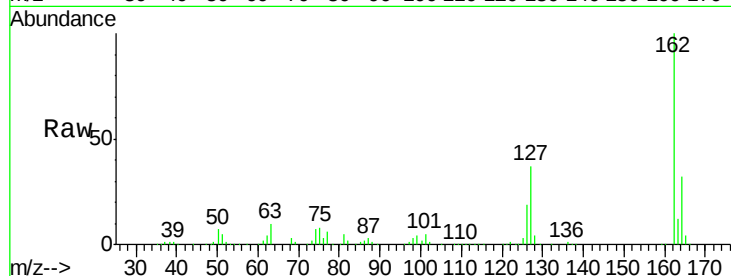




#47
 2-Chloronaphthalene
 Concen: 38.632 ng
 RT: 13.66 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG039875.D
 Acq: 12 Mar 2019 15:35

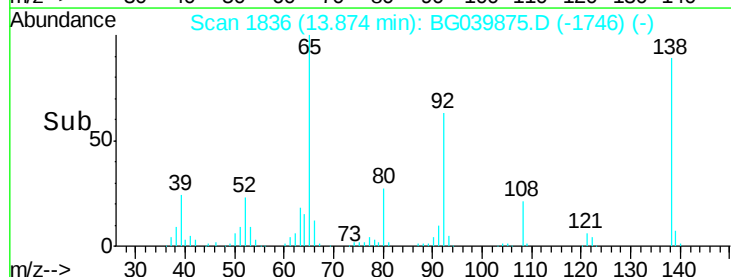
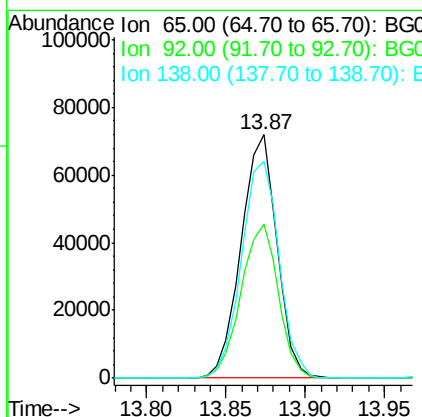
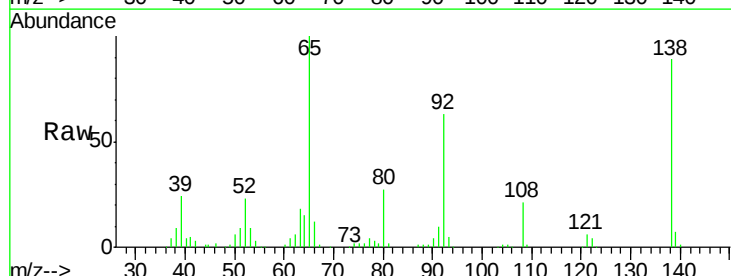
Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELD-SS-03072019MSD

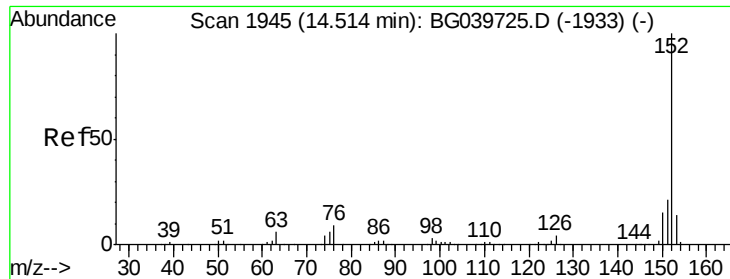
Tgt Ion: 162 Resp: 312462
 Ion Ratio Lower Upper
 162 100
 127 36.9 31.0 46.6
 164 32.3 25.7 38.5



#48
 2-Nitroaniline
 Concen: 43.509 ng
 RT: 13.87 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BG039875.D
 Acq: 12 Mar 2019 15:35

Tgt Ion: 65 Resp: 113092
 Ion Ratio Lower Upper
 65 100
 92 63.2 51.4 77.2
 138 89.3 71.4 107.2





#49

Acenaphthylene

Concen: 37.897 ng

RT: 14.51 min Scan# 1944

Delta R.T. 0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019MSD

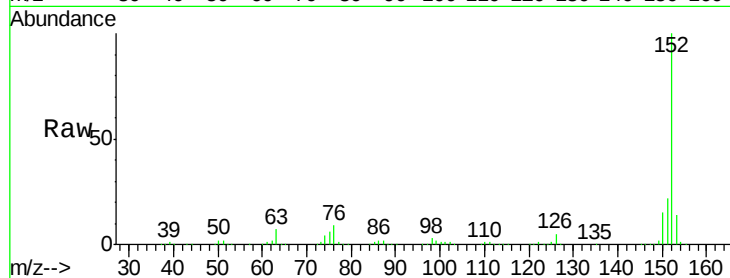
Tgt Ion:152 Resp: 503181

Ion Ratio Lower Upper

152 100

151 21.9 16.8 25.2

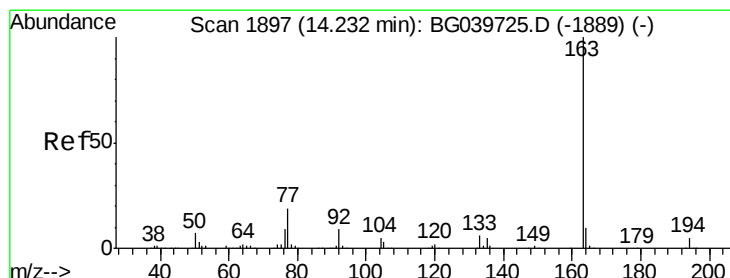
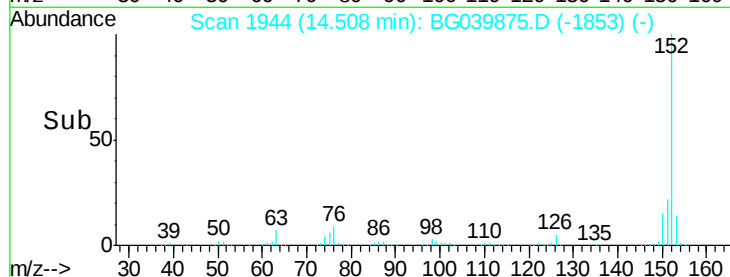
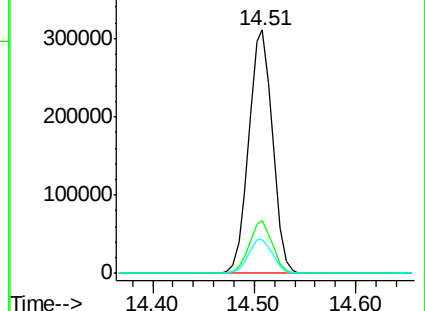
153 14.0 11.7 17.5



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: 44.593 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

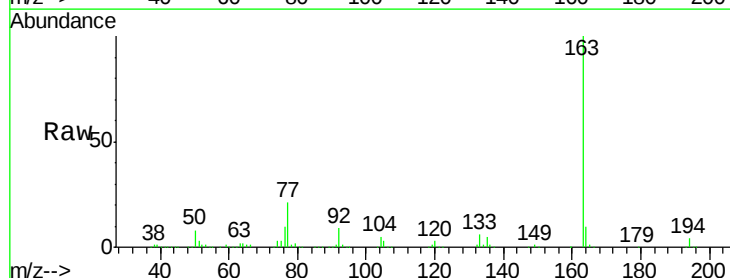
Tgt Ion:163 Resp: 487423

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

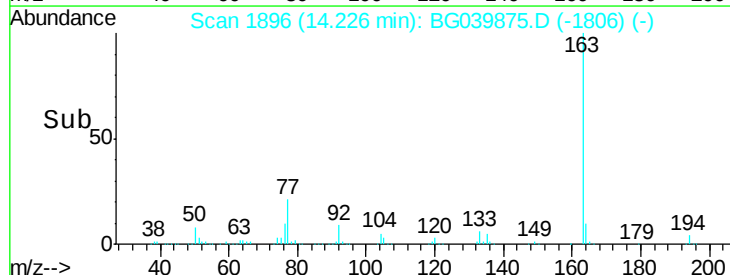
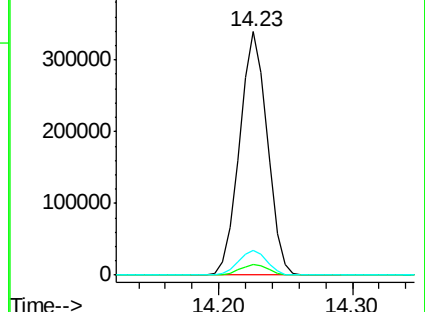
164 10.3 8.4 12.6

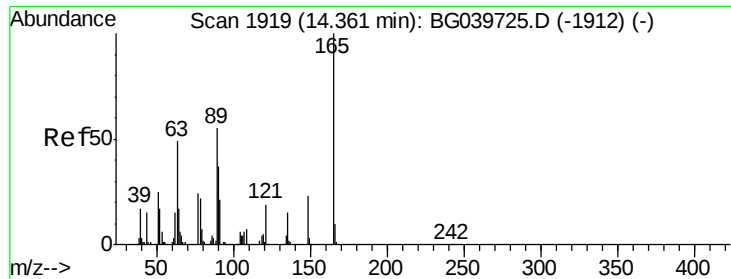


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

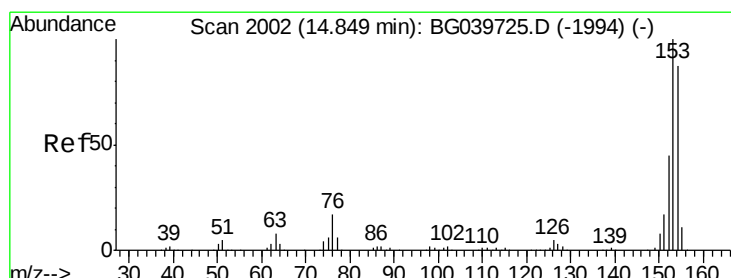
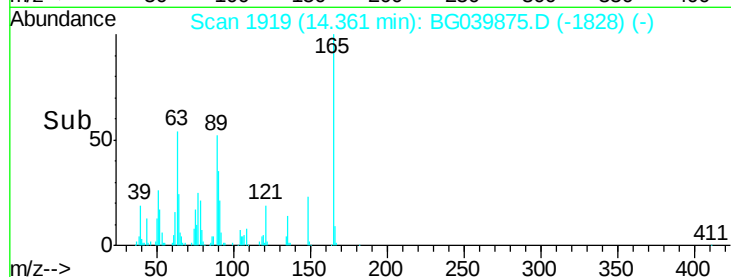
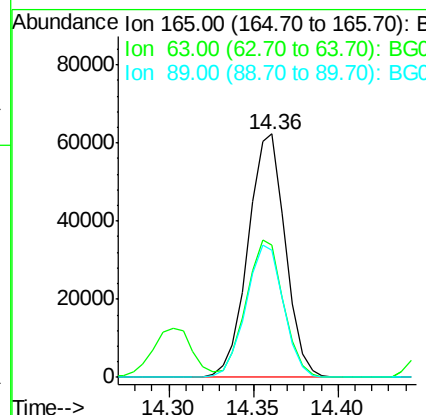
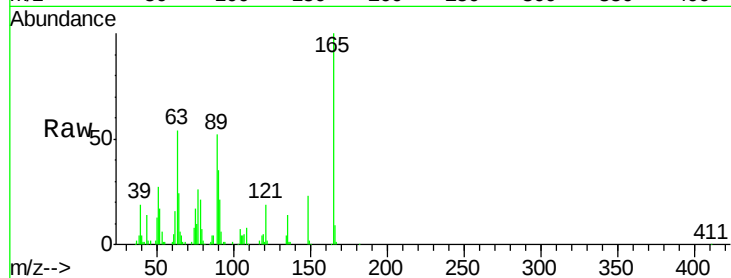




#51
 2,6-Dinitrotoluene
 Concen: 41.191 ng
 RT: 14.36 min Scan# 1919
 Delta R.T. 0.00 min
 Lab File: BG039875.D
 Acq: 12 Mar 2019 15:35

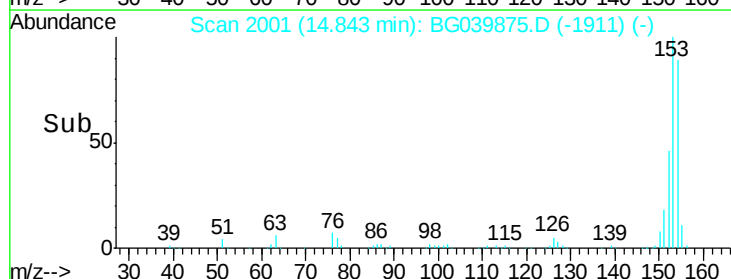
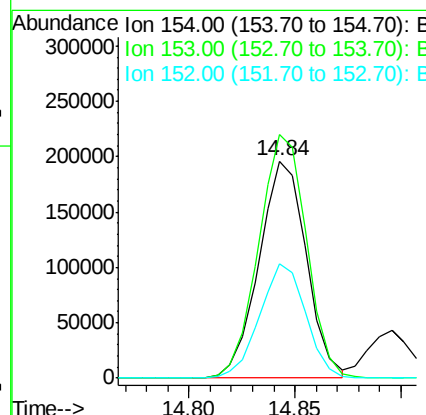
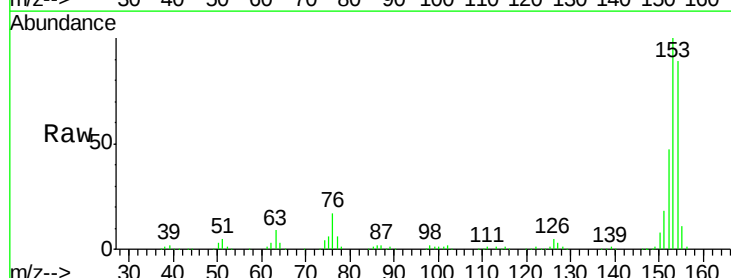
Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELD-SS-03072019MSD

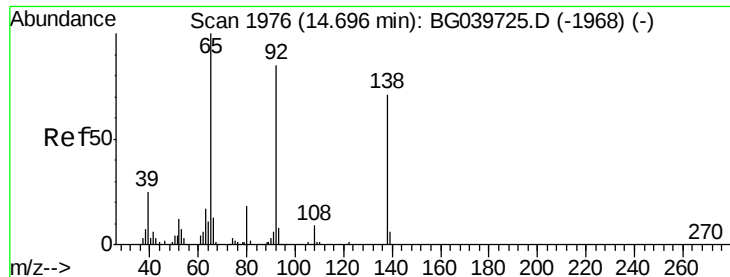
Tgt Ion:165 Resp: 95449
 Ion Ratio Lower Upper
 165 100
 63 54.2 47.0 70.6
 89 52.1 45.8 68.8



#52
 Acenaphthene
 Concen: 38.304 ng
 RT: 14.84 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BG039875.D
 Acq: 12 Mar 2019 15:35

Tgt Ion:154 Resp: 306107
 Ion Ratio Lower Upper
 154 100
 153 112.2 90.1 135.1
 152 52.5 40.9 61.3





#53

3-Nitroaniline

Concen: 33.087 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019MSD

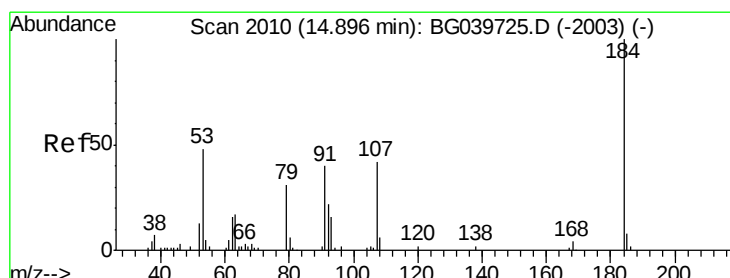
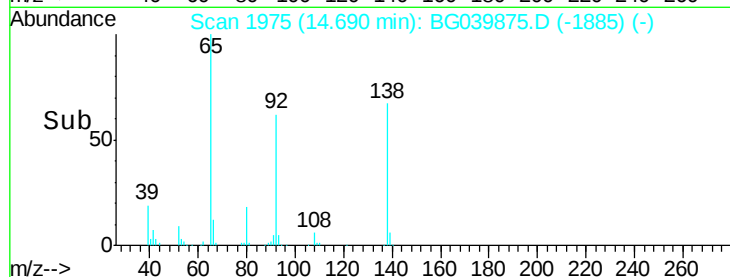
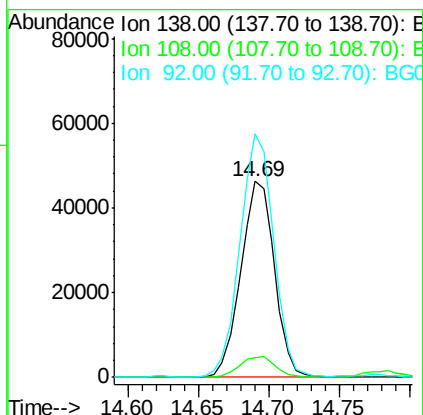
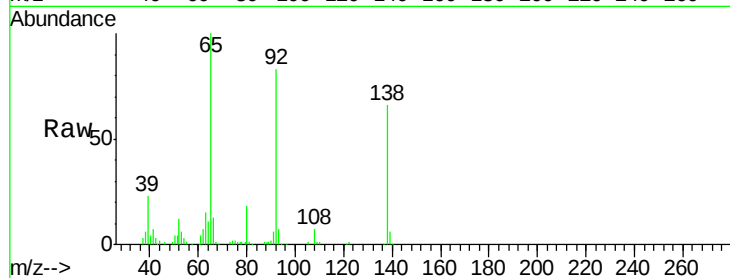
Tgt Ion:138 Resp: 77070

Ion Ratio Lower Upper

138 100

108 10.0 13.8 20.8#

92 124.3 103.7 155.5



#54

2,4-Dinitrophenol

Concen: 72.076 ng

RT: 14.90 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

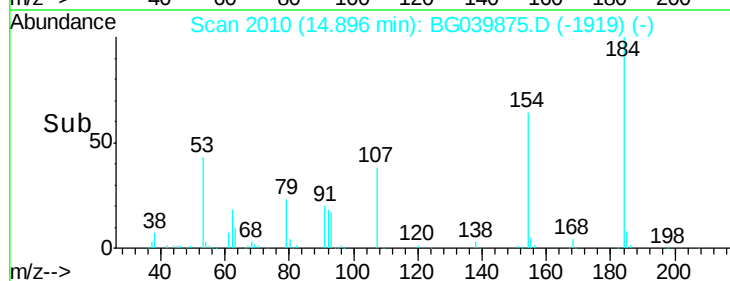
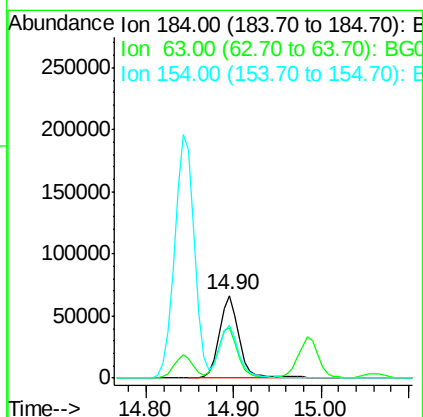
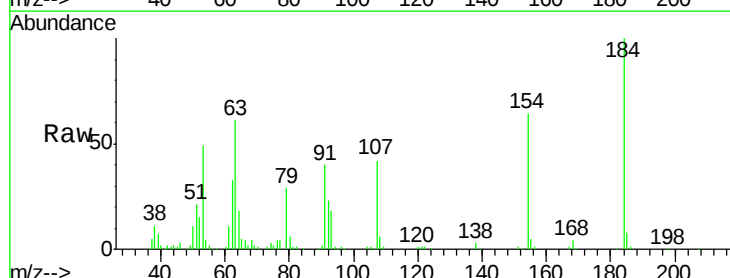
Tgt Ion:184 Resp: 104512

Ion Ratio Lower Upper

184 100

63 60.7 50.9 76.3

154 64.4 53.0 79.6

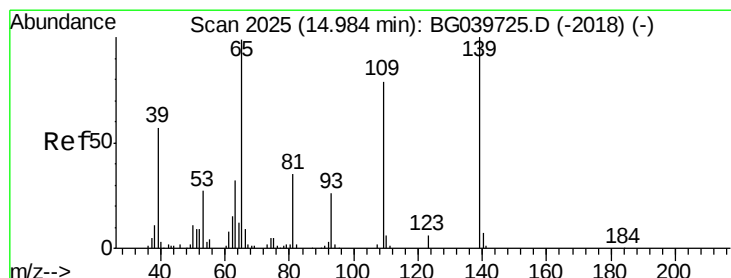
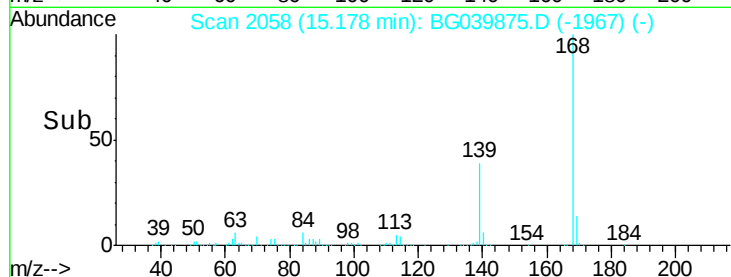
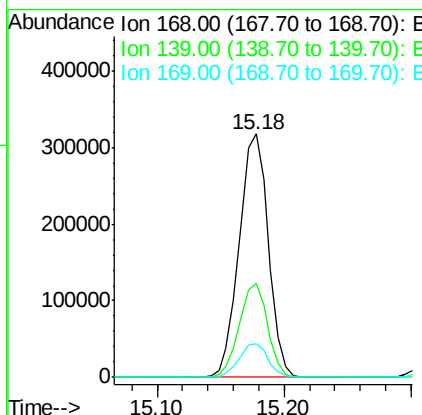
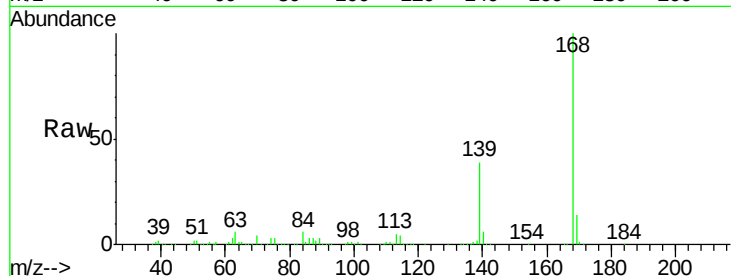




#55
Dibenzofuran
Concen: 38.485 ng
RT: 15.18 min Scan# 2058
Delta R.T. 0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

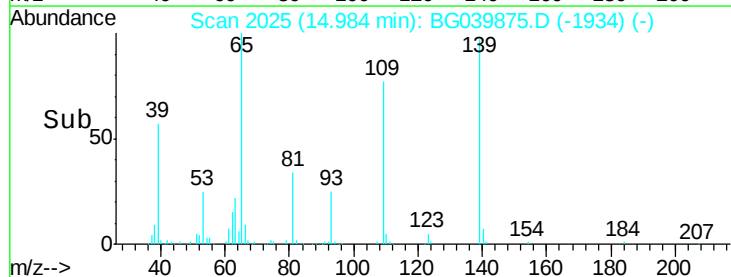
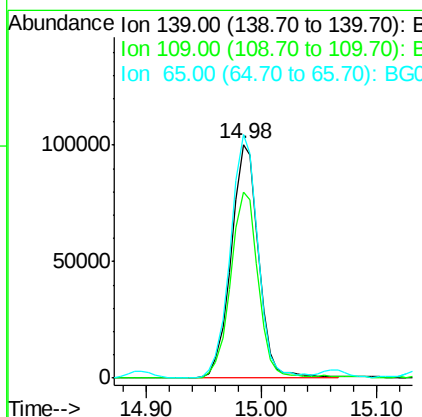
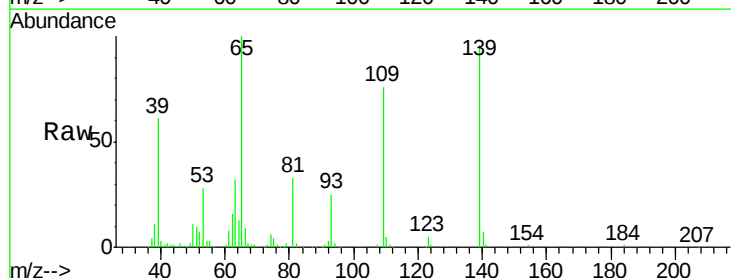
Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MSD

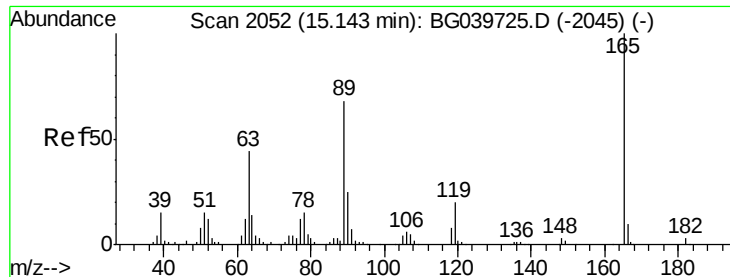
Tgt Ion:168 Resp: 504595
Ion Ratio Lower Upper
168 100
139 38.7 30.1 45.1
169 13.9 10.6 16.0



#56
4-Nitrophenol
Concen: 79.391 ng
RT: 14.98 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Tgt Ion:139 Resp: 165429
Ion Ratio Lower Upper
139 100
109 79.6 61.9 101.9
65 104.2 99.1 139.1

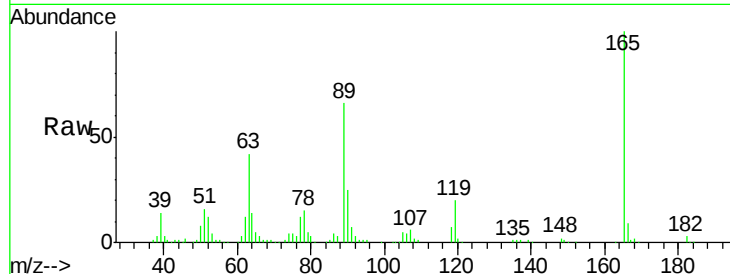




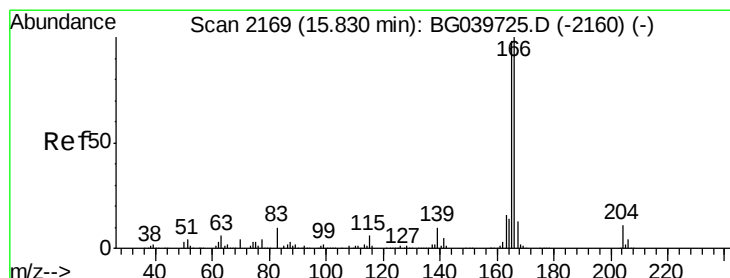
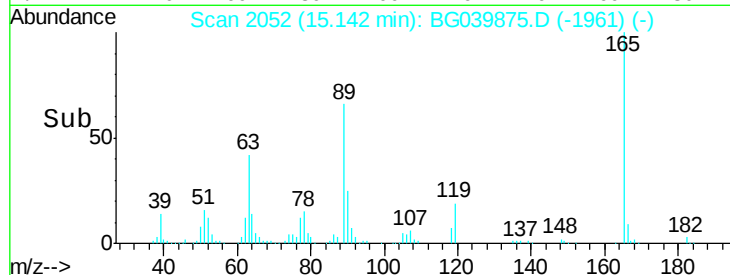
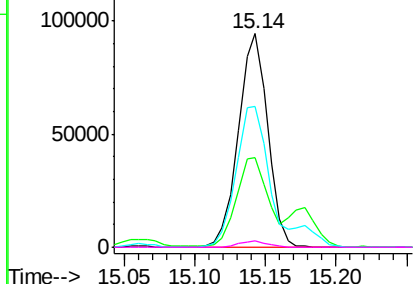
#57
2,4-Dinitrotoluene
Concen: 42.077 ng
RT: 15.14 min Scan# 2052
Delta R.T. 0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MSD

Tgt Ion:	165	Resp:	137001
Ion	Ratio	Lower	Upper
165	100		
63	42.1	41.0	61.6
89	66.1	64.6	96.8
182	2.9	2.0	3.0

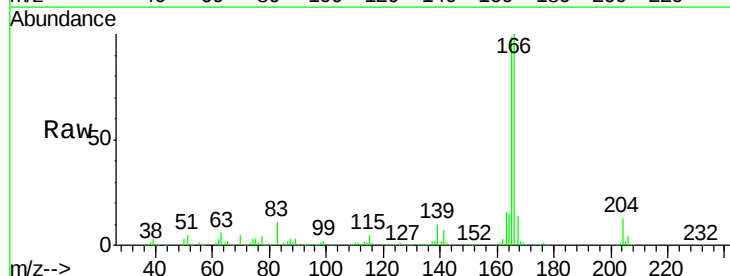


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

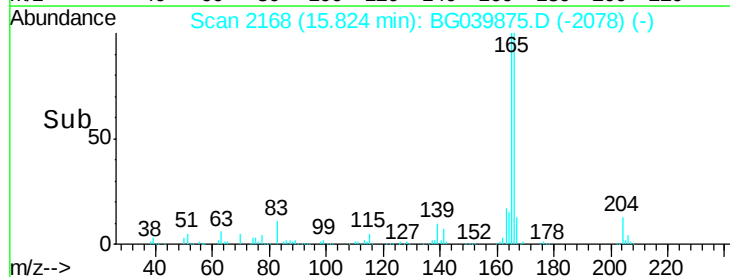
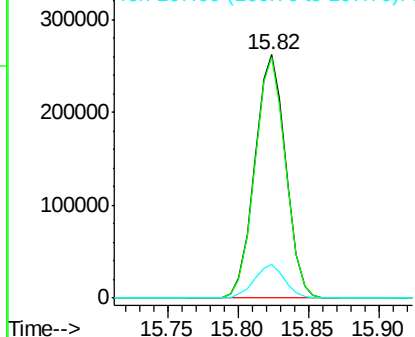


#58
Fluorene
Concen: 38.966 ng
RT: 15.82 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Tgt Ion:	166	Resp:	401646
Ion	Ratio	Lower	Upper
166	100		
165	98.8	77.9	116.9
167	13.7	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

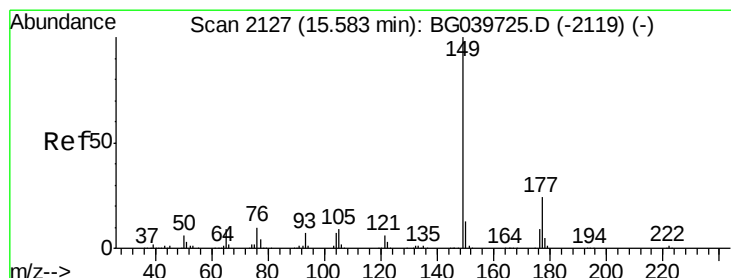
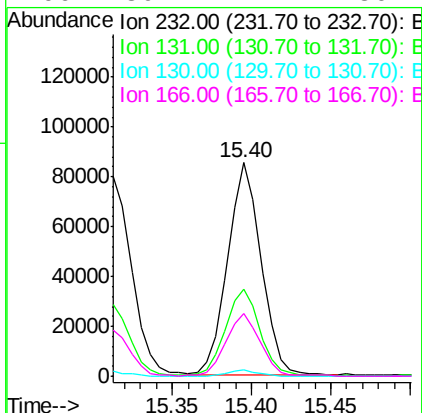
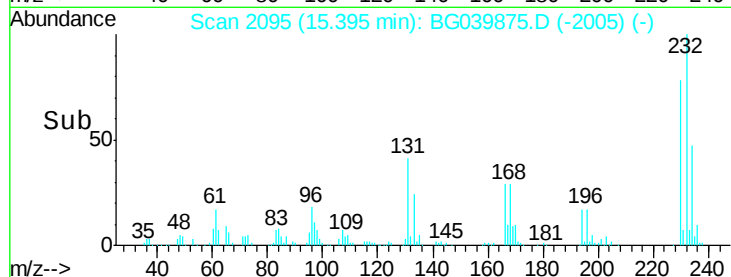
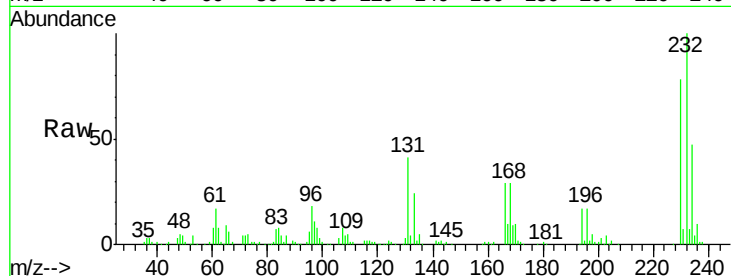




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.754 ng
 RT: 15.40 min Scan# 2095
 Delta R.T. -0.00 min
 Lab File: BG039875.D
 Acq: 12 Mar 2019 15:35

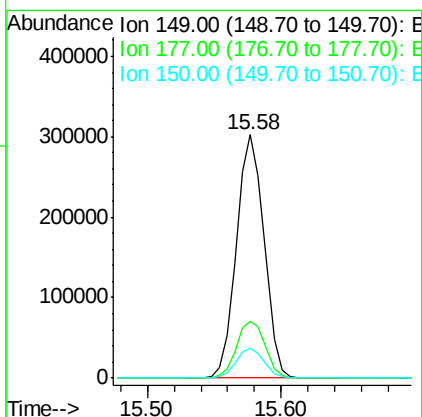
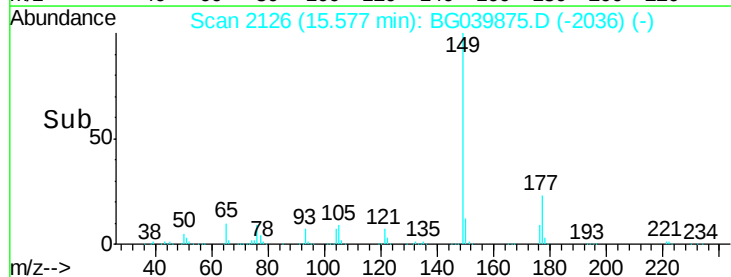
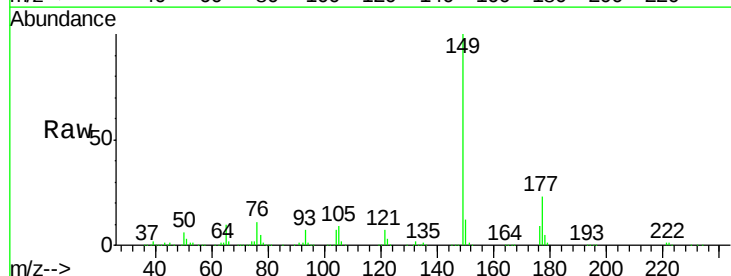
Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELD-SS-03072019MSD

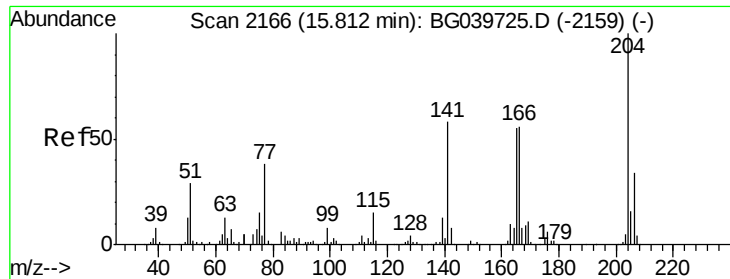
Tgt Ion:	232	Resp:	124877
Ion	Ratio	Lower	Upper
232	100		
131	41.9	34.9	52.3
130	2.6	2.0	3.0
166	30.4	24.1	36.1



#60
 Diethylphthalate
 Concen: 39.933 ng
 RT: 15.58 min Scan# 2126
 Delta R.T. -0.00 min
 Lab File: BG039875.D
 Acq: 12 Mar 2019 15:35

Tgt Ion:	149	Resp:	432096
Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.3	27.5
150	12.2	10.2	15.2

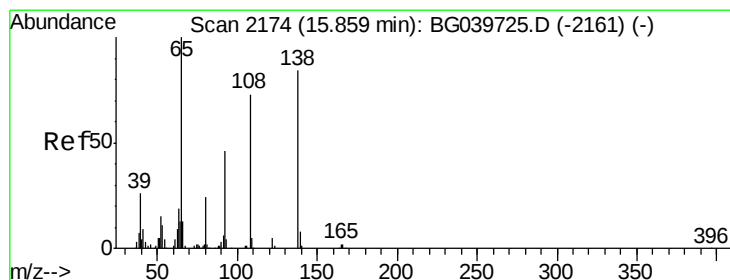
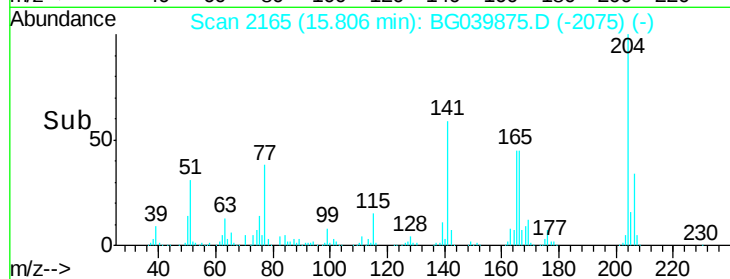
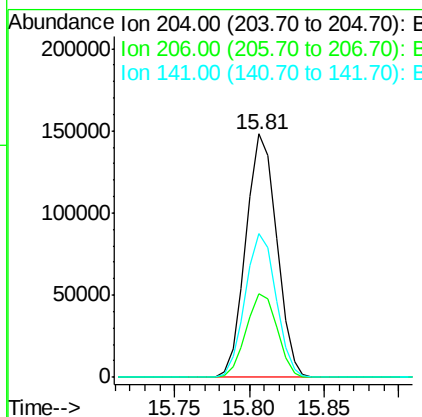
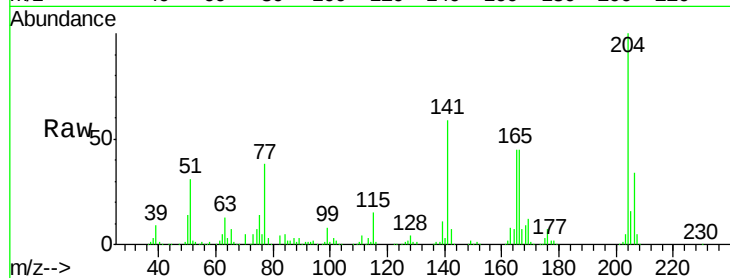




#61
 4-Chlorophenyl-phenylether
 Concen: 38.482 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: BG039875.D
 Acq: 12 Mar 2019 15:35

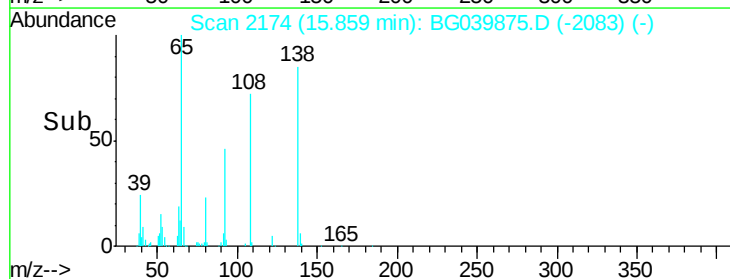
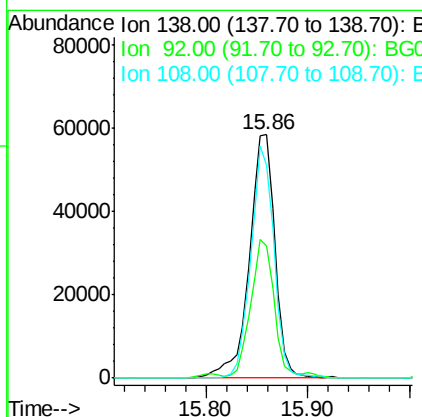
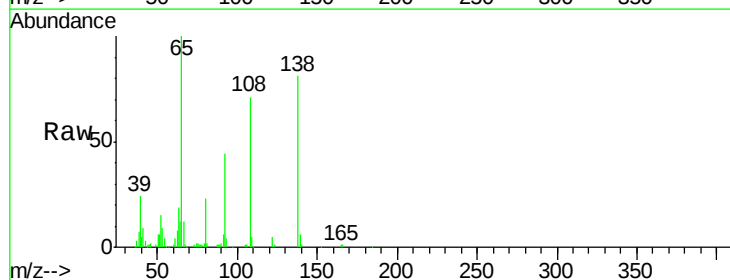
Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELD-SS-03072019MSD

Tgt Ion:	204	Resp:	211661
Ion	Ratio	Lower	Upper
204	100		
206	34.2	29.2	43.8
141	58.9	49.0	73.4



#62
 4-Nitroaniline
 Concen: 40.556 ng
 RT: 15.86 min Scan# 2174
 Delta R.T. 0.00 min
 Lab File: BG039875.D
 Acq: 12 Mar 2019 15:35

Tgt Ion:	138	Resp:	102413
Ion	Ratio	Lower	Upper
138	100		
92	54.5	38.7	78.7
108	87.4	74.6	114.6





#63

Azobenzene

Concen: 39.448 ng

RT: 16.10 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019MSD

Tgt Ion: 77 Resp: 386924

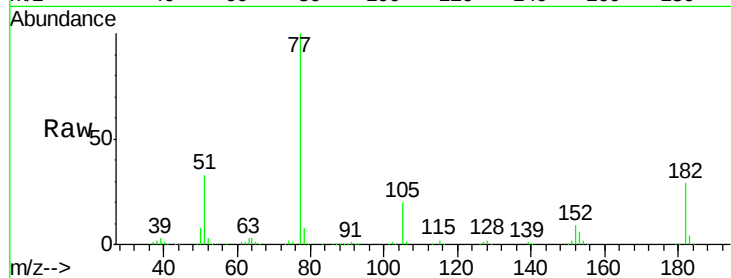
Ion Ratio Lower Upper

77 100

182 29.2 6.4 46.4

105 20.0 0.0 39.8

51 33.1 14.1 54.1

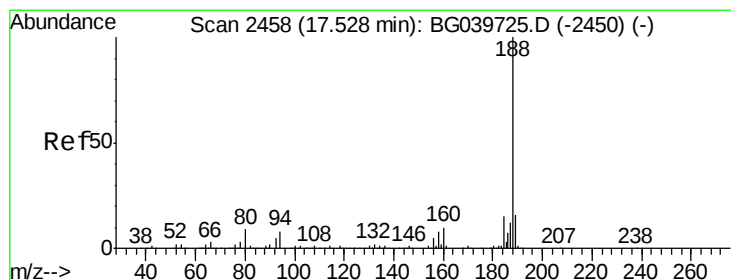
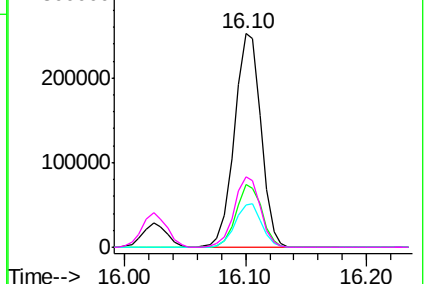
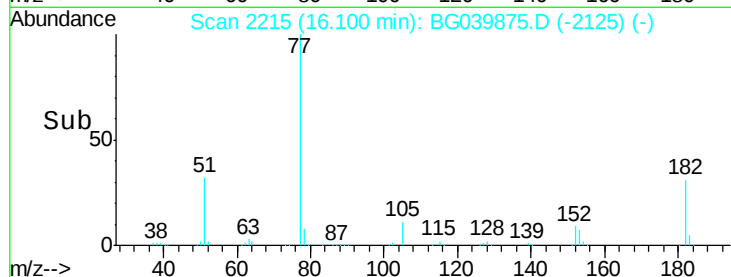


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG039875.D

Acq: 12 Mar 2019 15:35

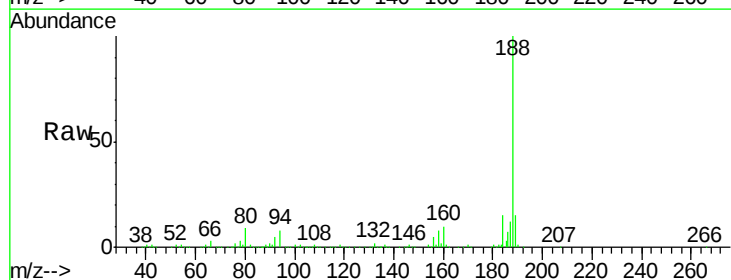
Tgt Ion: 188 Resp: 321928

Ion Ratio Lower Upper

188 100

94 8.4 6.9 10.3

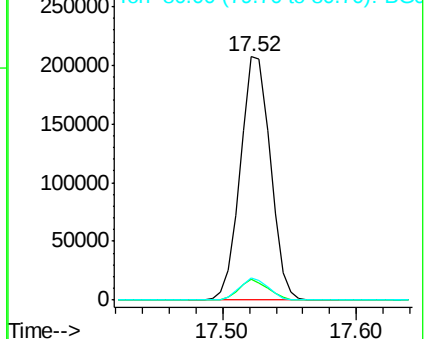
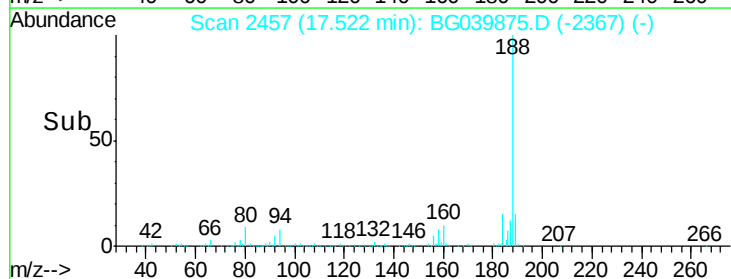
80 9.2 8.1 12.1

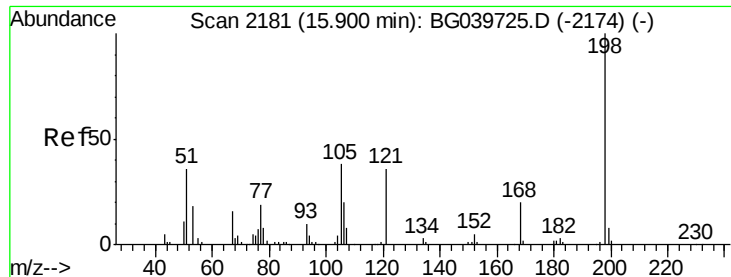


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 40.533 ng

RT: 15.90 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019MSD

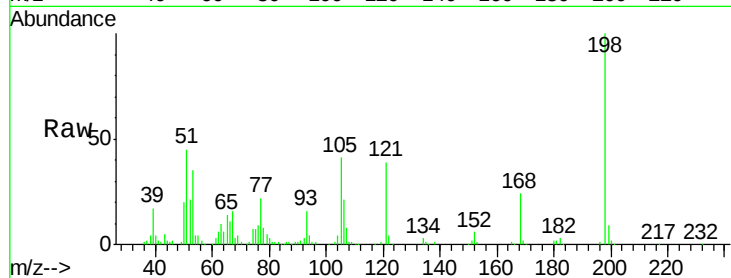
Tgt Ion:198 Resp: 77152

Ion Ratio Lower Upper

198 100

51 44.7 27.4 67.4

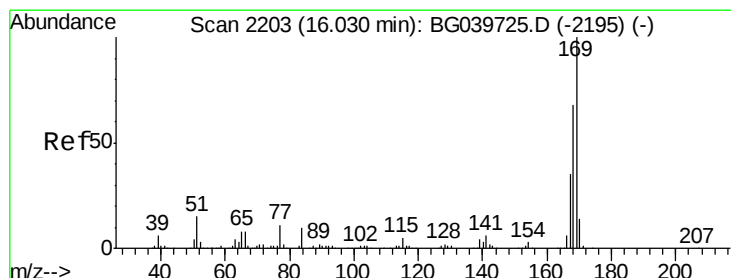
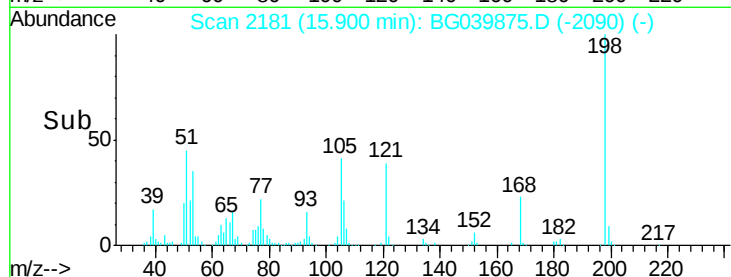
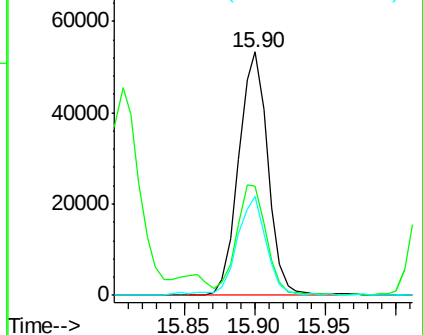
105 40.6 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039875.D

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.336 ng

RT: 16.02 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

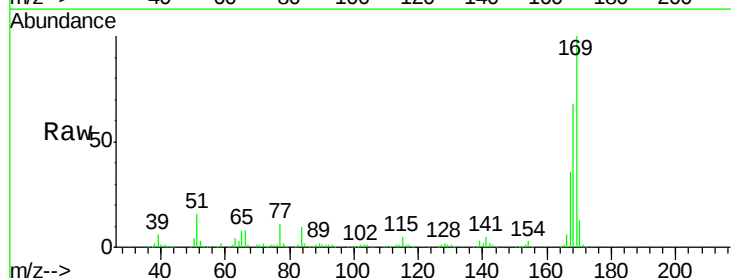
Tgt Ion:169 Resp: 375930

Ion Ratio Lower Upper

169 100

168 68.4 56.6 85.0

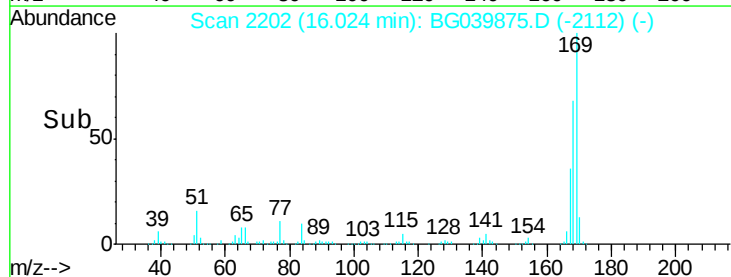
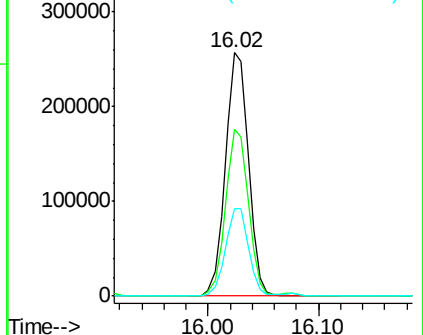
167 36.0 28.8 43.2



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

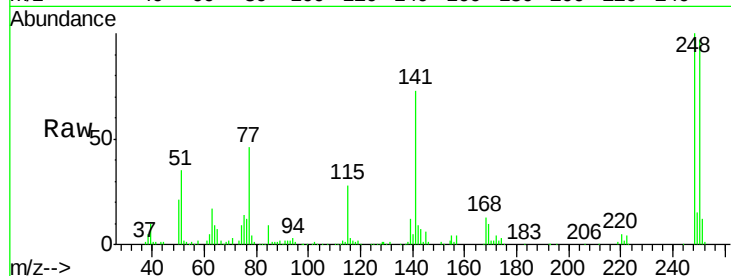




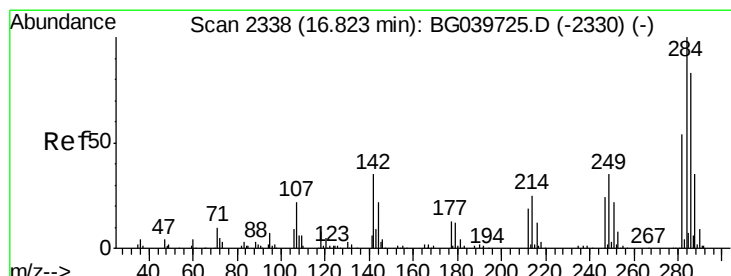
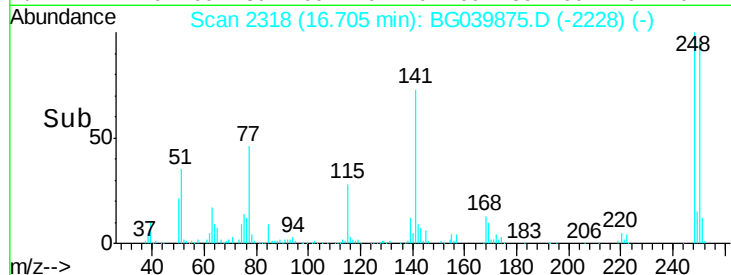
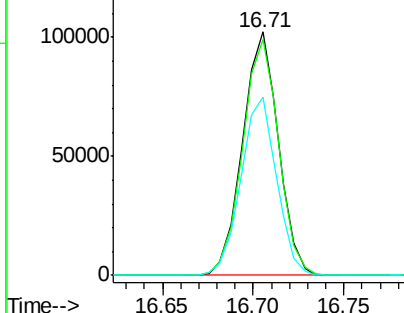
#67
 4-Bromophenyl-phenylether
 Concen: 38.913 ng
 RT: 16.71 min Scan# 2318
 Delta R.T. -0.00 min
 Lab File: BG039875.D
 Acq: 12 Mar 2019 15:35

Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELD-SS-03072019MSD

Tgt Ion: 248 Resp: 140222
 Ion Ratio Lower Upper
 248 100
 250 96.8 77.6 116.4
 141 73.1 63.9 95.9

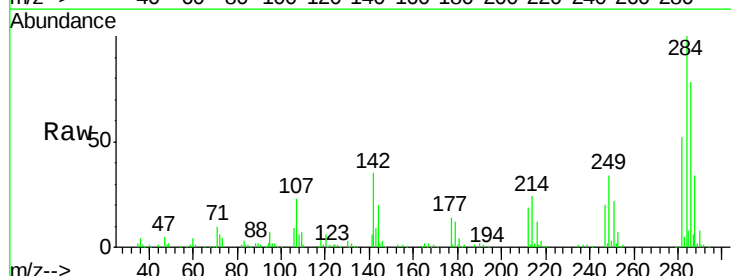


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

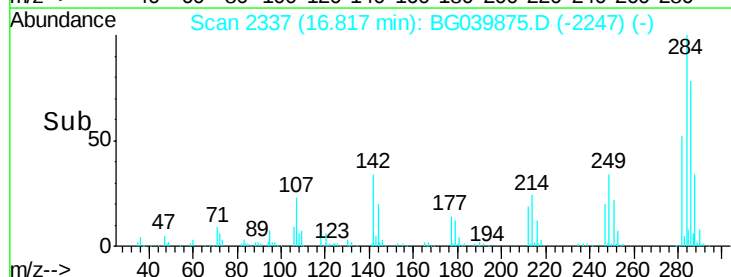
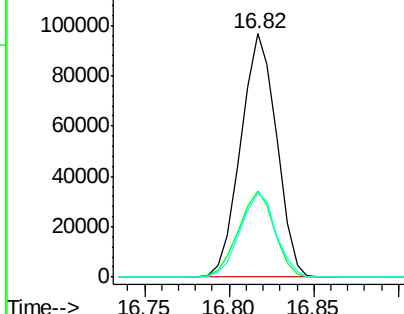


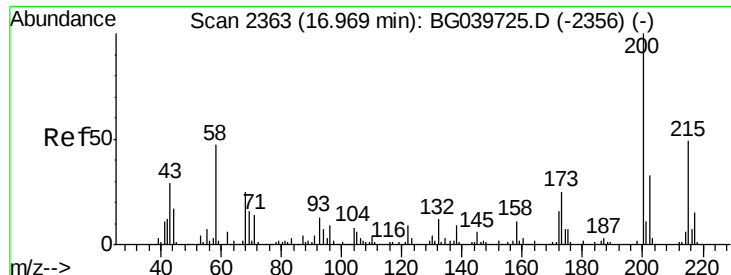
#68
 Hexachlorobenzene
 Concen: 38.196 ng
 RT: 16.82 min Scan# 2337
 Delta R.T. -0.00 min
 Lab File: BG039875.D
 Acq: 12 Mar 2019 15:35

Tgt Ion: 284 Resp: 142669
 Ion Ratio Lower Upper
 284 100
 142 35.2 30.6 45.8
 249 34.2 28.2 42.2



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





#69

Atrazine

Concen: 40.449 ng

RT: 16.96 min Scan# 2362

Delta R.T. -0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019MSD

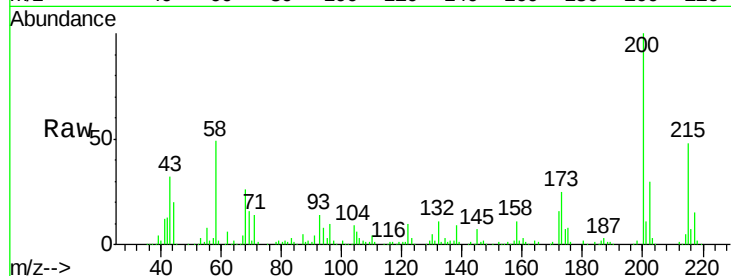
Tgt Ion:200 Resp: 148365

Ion Ratio Lower Upper

200 100

173 24.7 3.9 43.9

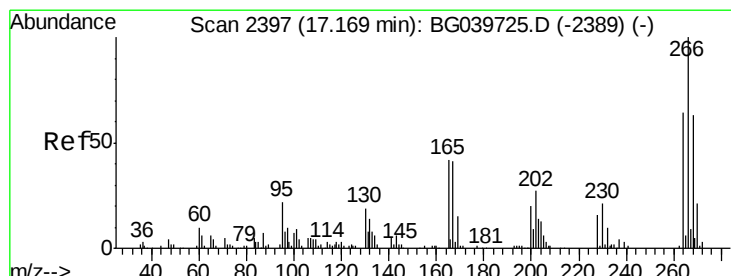
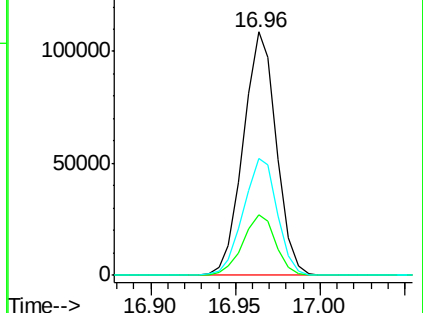
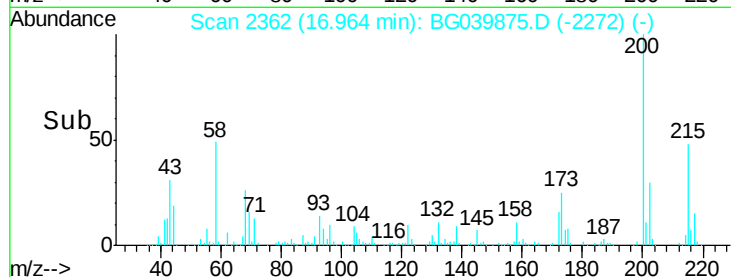
215 48.1 30.9 70.9



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: 76.493 ng

RT: 17.16 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

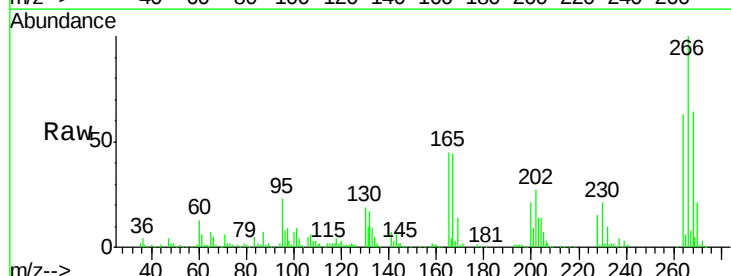
Tgt Ion:266 Resp: 180446

Ion Ratio Lower Upper

266 100

268 63.8 51.1 76.7

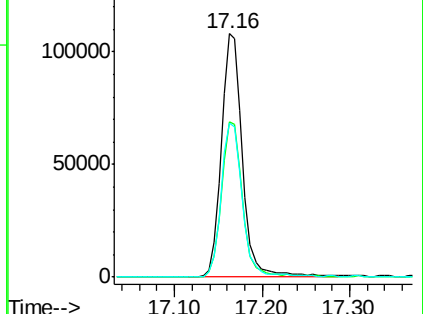
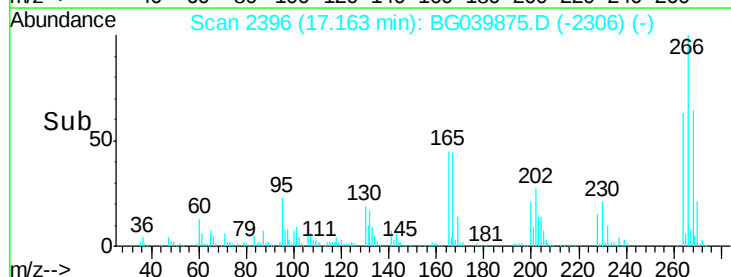
264 63.4 52.1 78.1

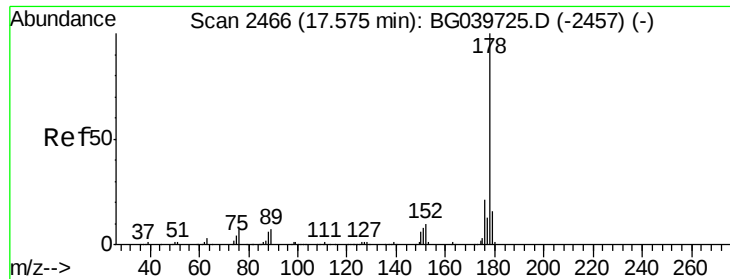


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

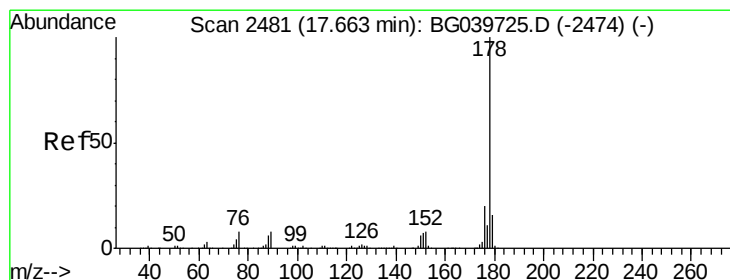
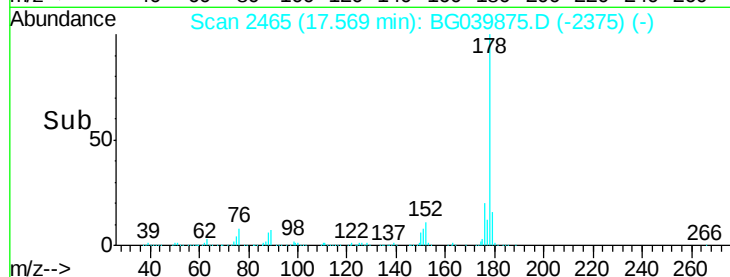
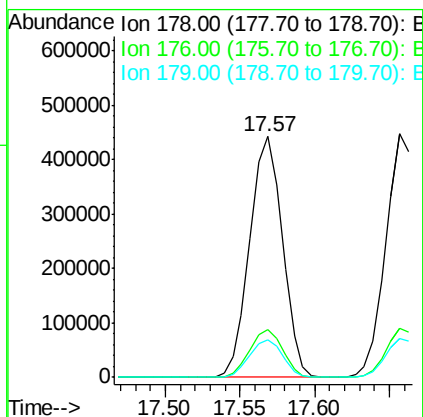
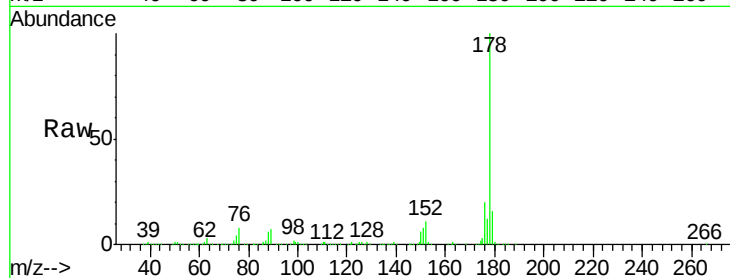




#71
Phenanthrene
Concen: 37.984 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

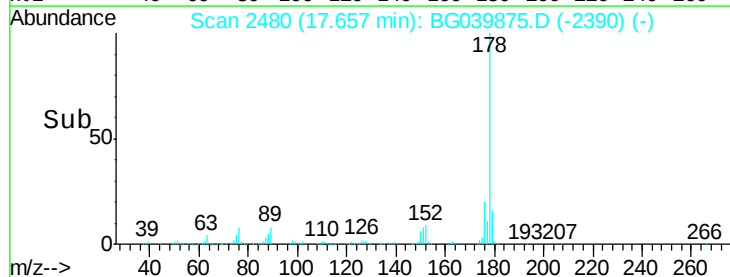
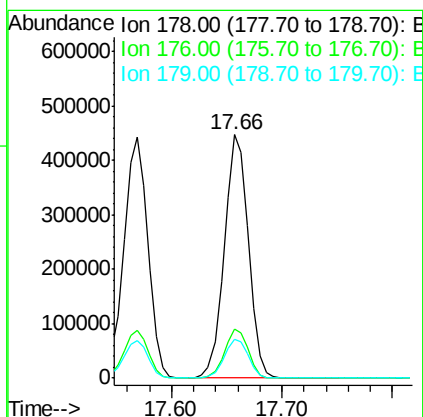
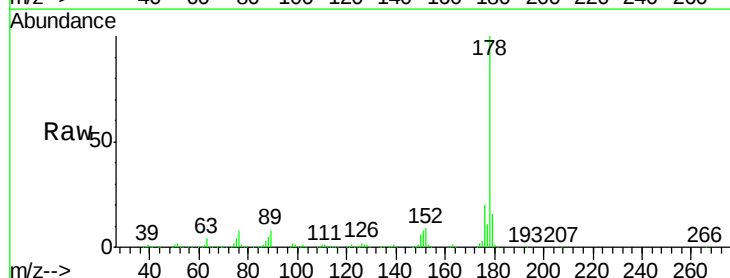
Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MSD

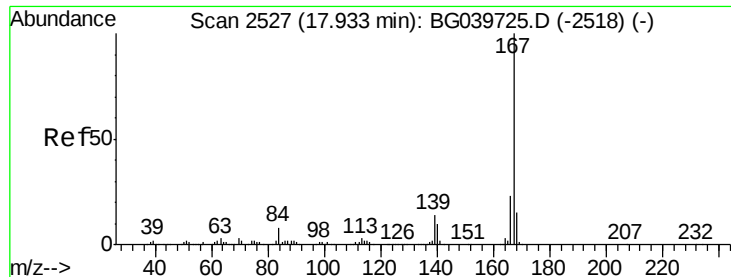
Tgt Ion:178 Resp: 673538
Ion Ratio Lower Upper
178 100
176 19.9 16.2 24.4
179 15.8 12.6 19.0



#72
Anthracene
Concen: 39.328 ng
RT: 17.66 min Scan# 2480
Delta R.T. -0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Tgt Ion:178 Resp: 679586
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.6
179 16.0 12.5 18.7

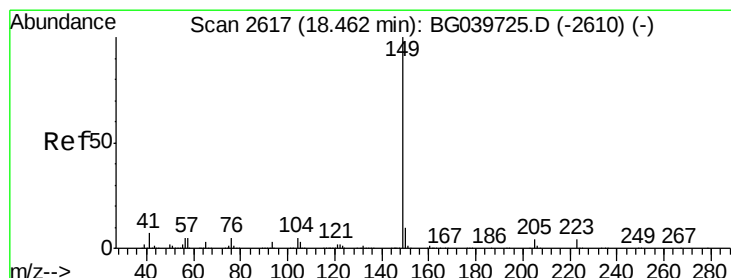
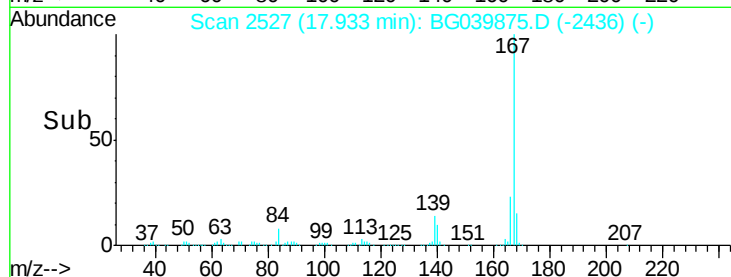
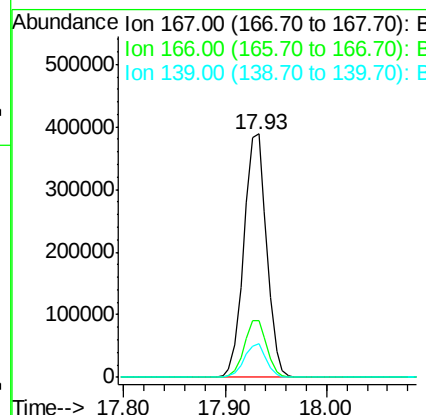
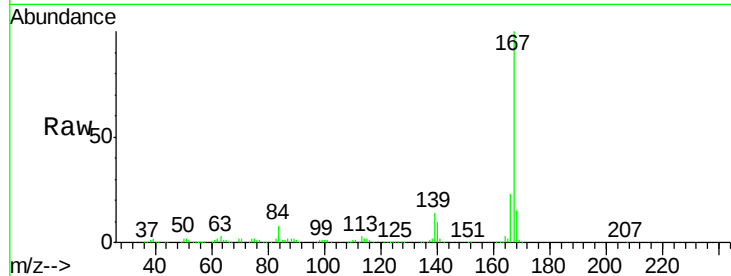




#73
 Carbazole
 Concen: 38.843 ng
 RT: 17.93 min Scan# 2527
 Delta R.T. 0.00 min
 Lab File: BG039875.D
 Acq: 12 Mar 2019 15:35

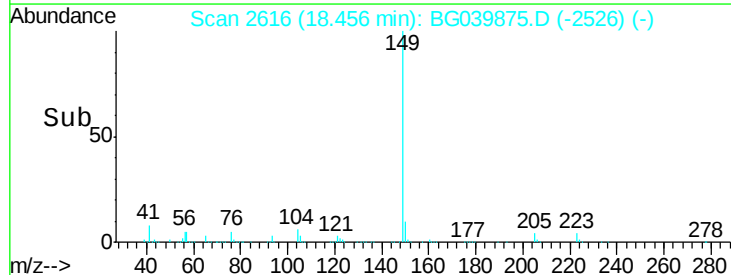
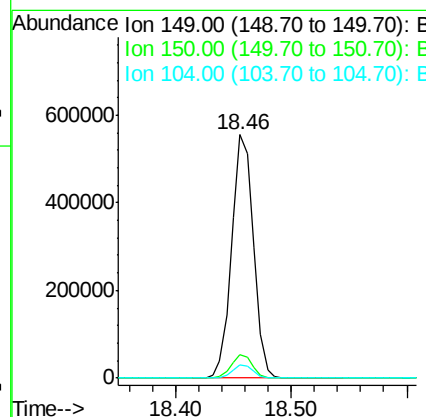
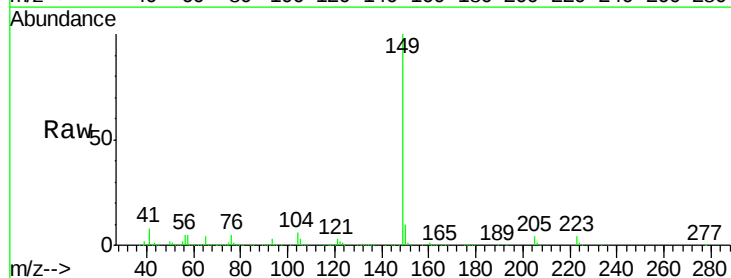
Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELD-SS-03072019MSD

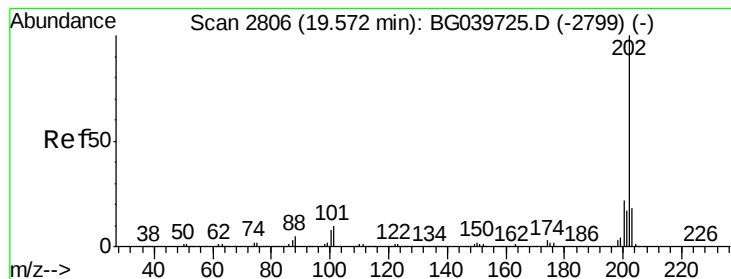
Tgt Ion:167 Resp: 605095
 Ion Ratio Lower Upper
 167 100
 166 23.3 19.4 29.2
 139 13.6 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 39.443 ng
 RT: 18.46 min Scan# 2616
 Delta R.T. -0.00 min
 Lab File: BG039875.D
 Acq: 12 Mar 2019 15:35

Tgt Ion:149 Resp: 722925
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 5.6 4.5 6.7





#75

Fluoranthene

Concen: 38.110 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

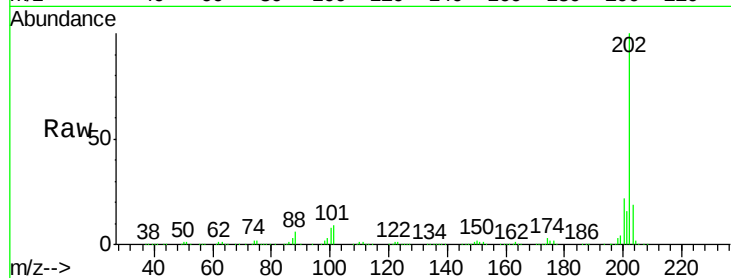
Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019MSD

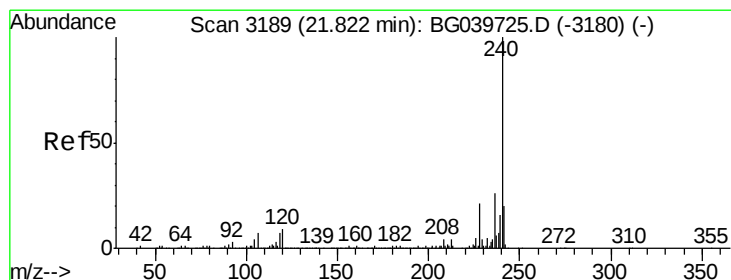
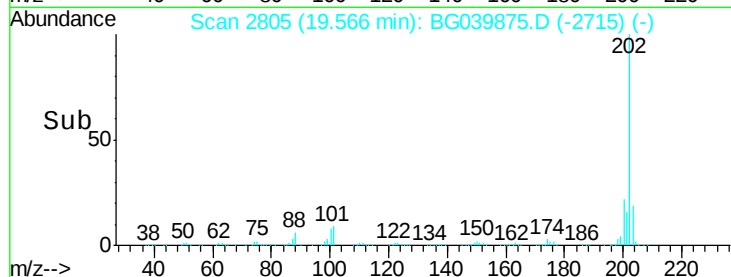
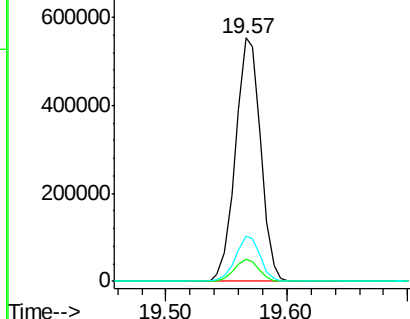
Tgt Ion:	202	Resp:	798649
Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	30.0
203	18.5	0.0	38.9



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

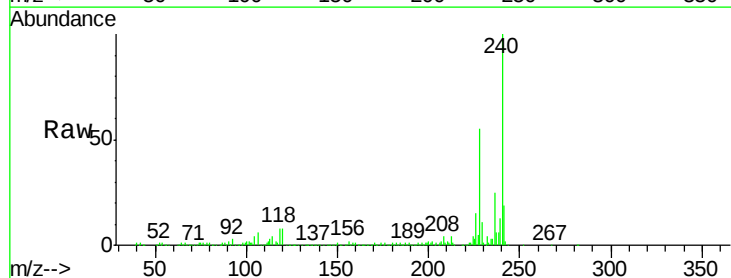
RT: 21.81 min Scan# 3187

Delta R.T. -0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

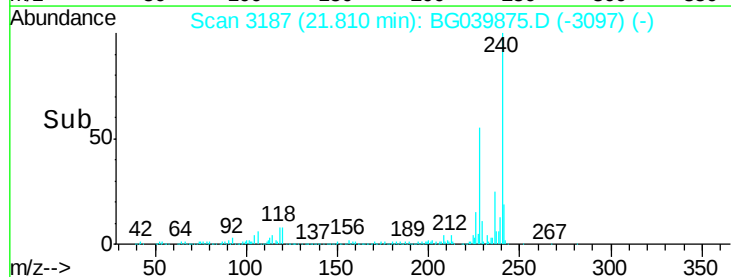
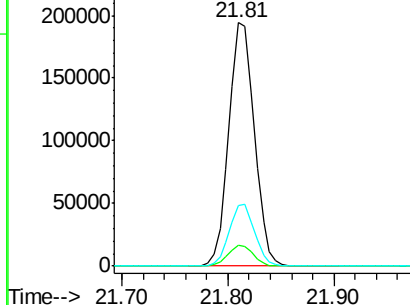
Tgt Ion:	240	Resp:	324006
Ion	Ratio	Lower	Upper
240	100		
120	8.4	7.0	10.6
236	25.1	21.0	31.4

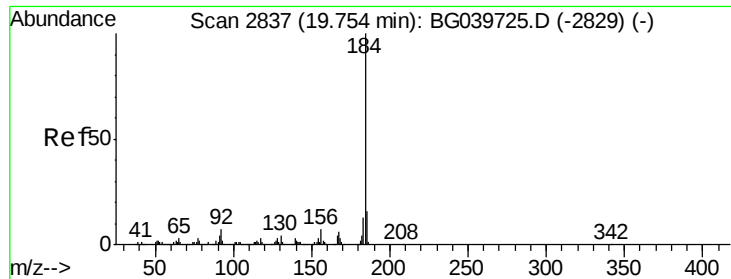


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 7.298 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019MSD

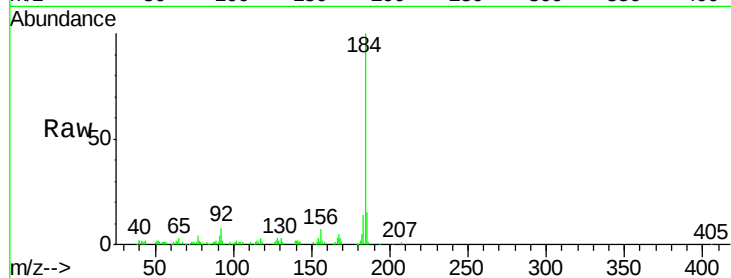
Tgt Ion:184 Resp: 75032

Ion Ratio Lower Upper

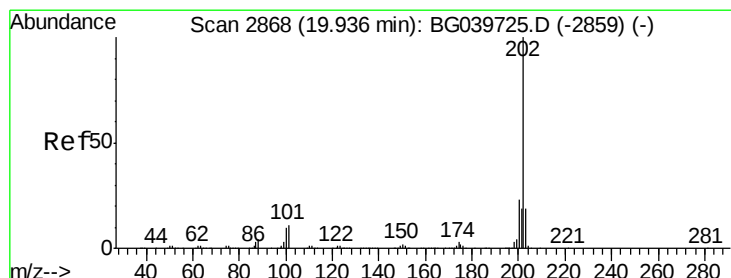
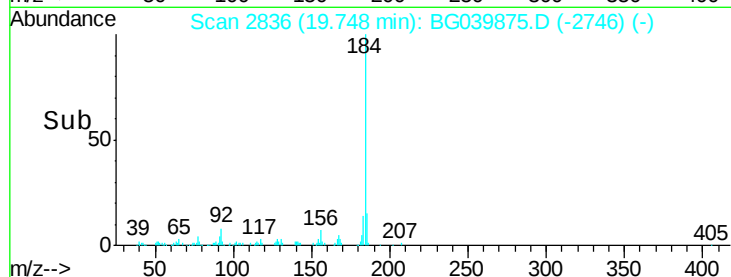
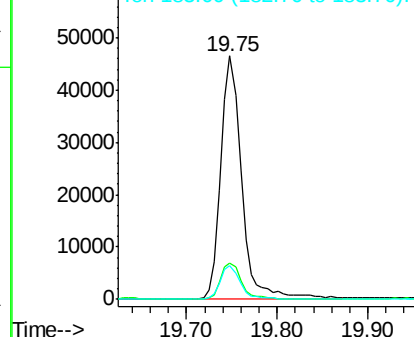
184 100

185 15.0 12.2 18.2

183 13.9 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.801 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

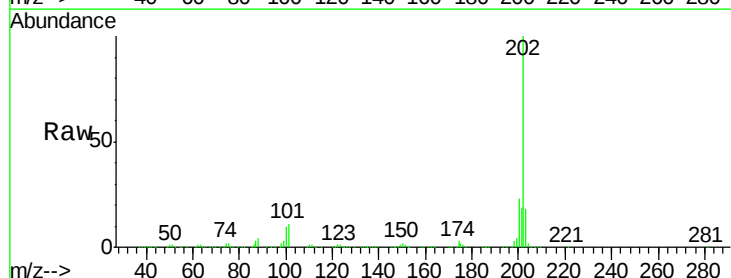
Tgt Ion:202 Resp: 795864

Ion Ratio Lower Upper

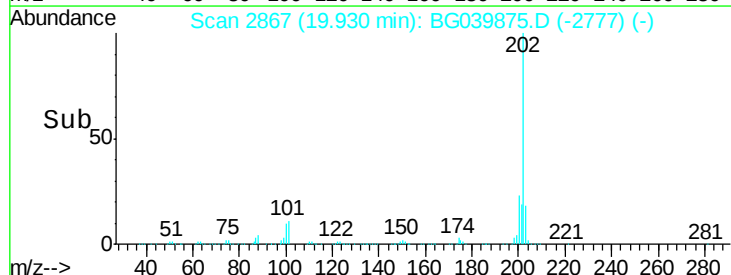
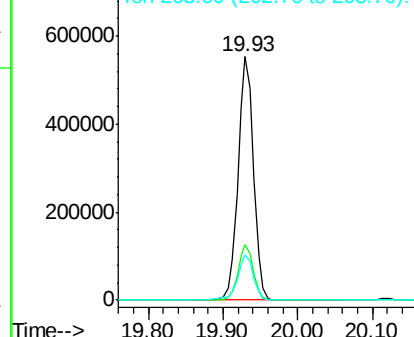
202 100

200 22.7 17.8 26.8

203 18.4 15.3 22.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.664 ng

RT: 20.12 min Scan# 2899

Delta R.T. 0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019MSD

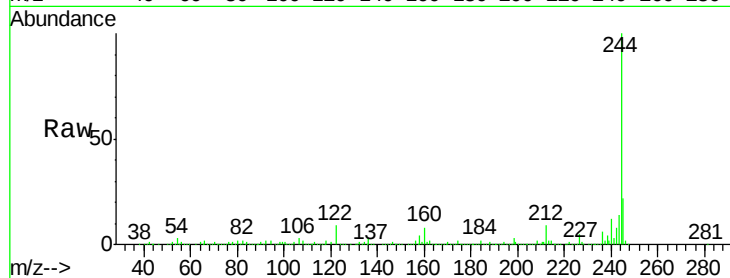
Tgt Ion:244 Resp: 1098715

Ion Ratio Lower Upper

244 100

212 8.7 7.3 10.9

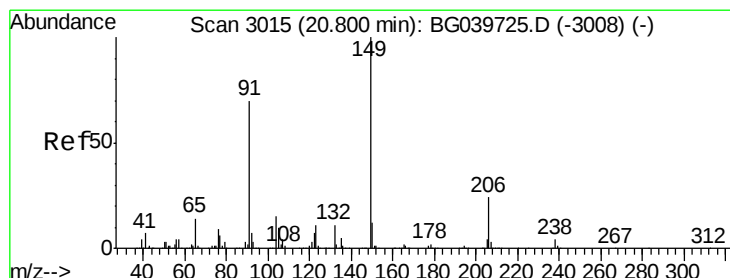
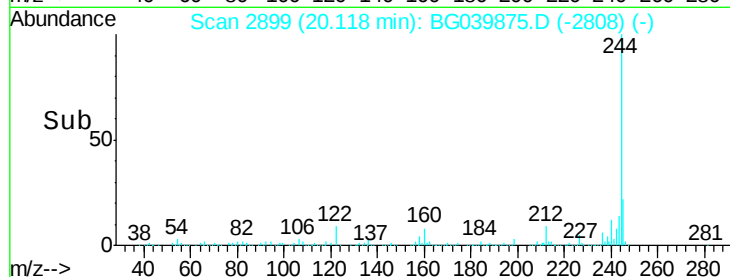
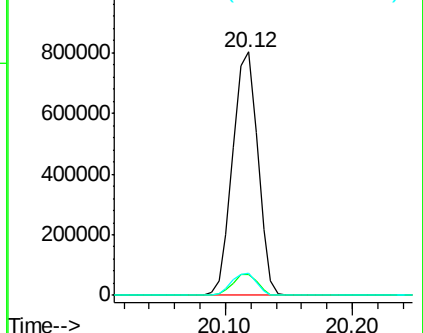
122 9.1 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.034 ng

RT: 20.79 min Scan# 3014

Delta R.T. -0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

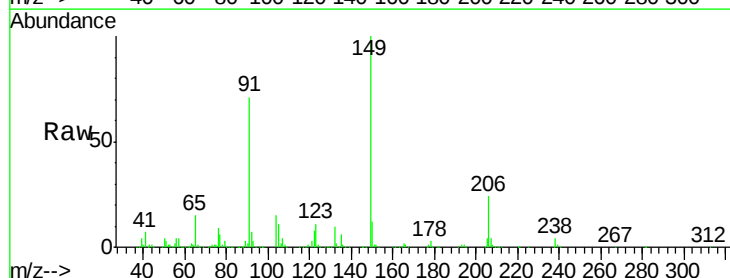
Tgt Ion:149 Resp: 342864

Ion Ratio Lower Upper

149 100

91 70.6 59.5 89.3

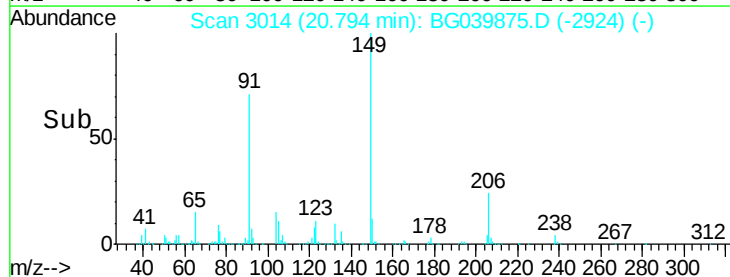
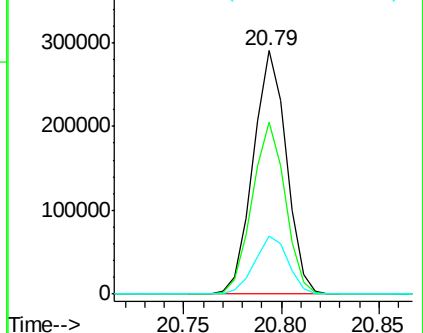
206 23.6 18.6 27.8

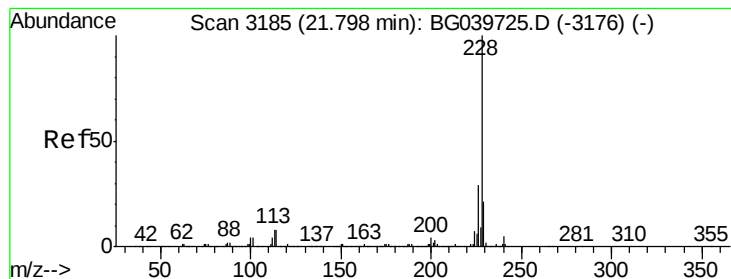


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.069 ng

RT: 21.79 min Scan# 3184

Delta R.T. -0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019MSD

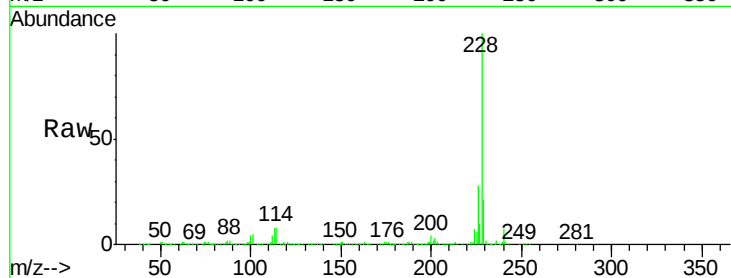
Tgt Ion:228 Resp: 752730

Ion Ratio Lower Upper

228 100

226 28.5 23.0 34.6

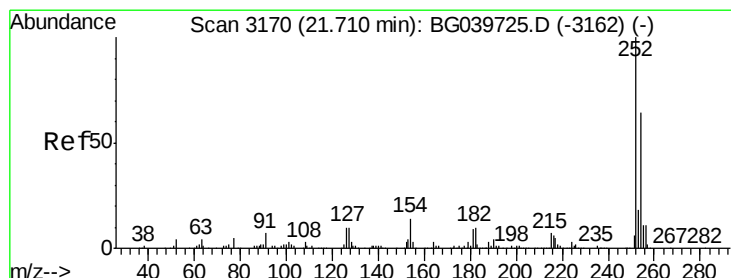
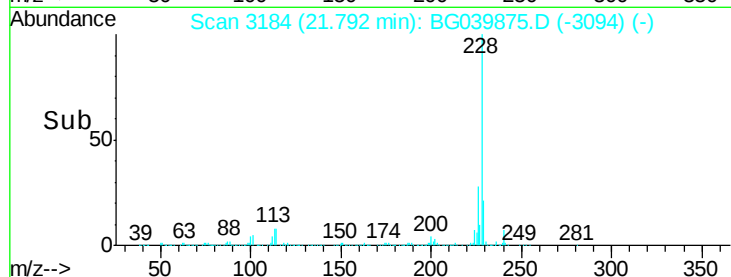
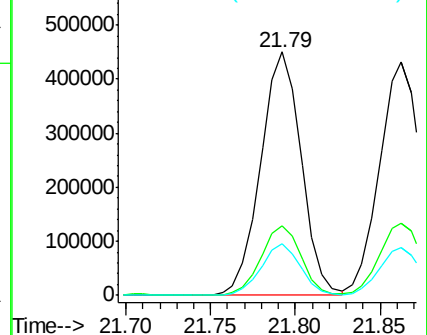
229 21.3 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.961 ng

RT: 21.70 min Scan# 3169

Delta R.T. -0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

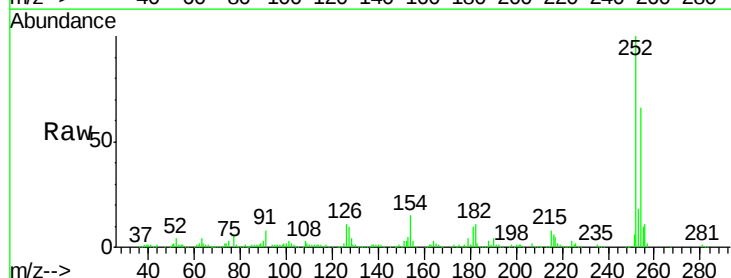
Tgt Ion:252 Resp: 214709

Ion Ratio Lower Upper

252 100

254 65.5 51.3 76.9

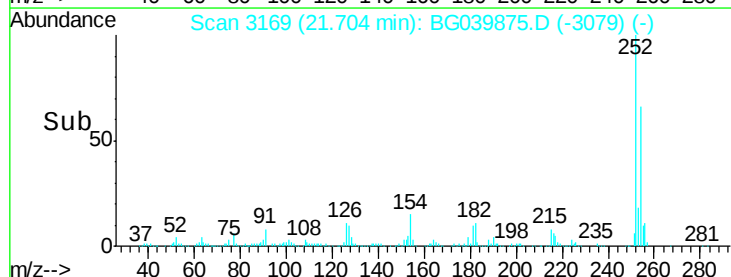
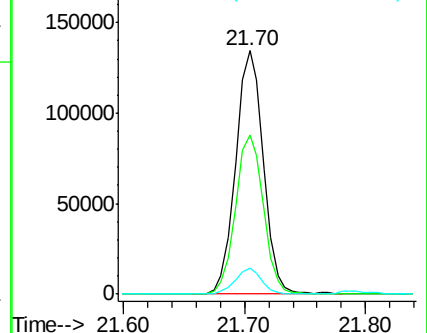
126 10.5 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.942 ng

RT: 21.86 min Scan# 3196

Delta R.T. -0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019MSD

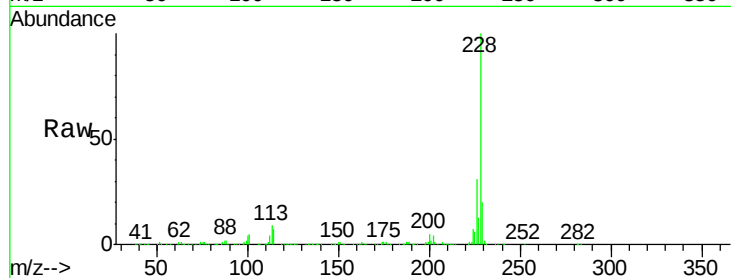
Tgt Ion:228 Resp: 727261

Ion Ratio Lower Upper

228 100

226 31.2 25.8 38.6

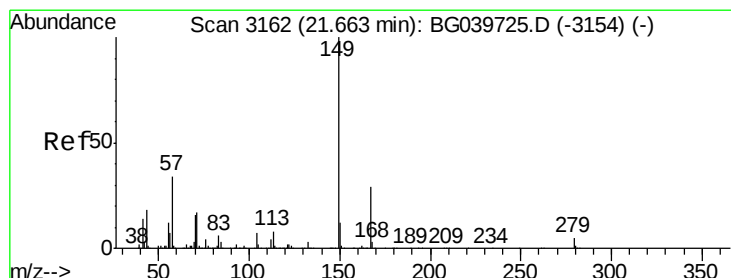
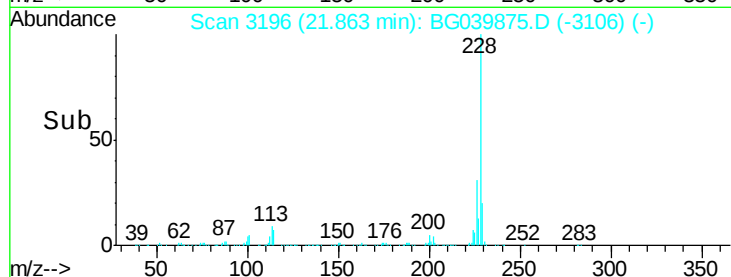
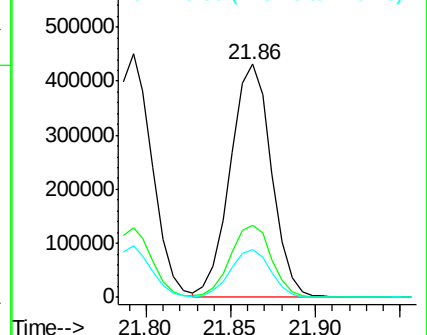
229 20.3 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.073 ng

RT: 21.66 min Scan# 3161

Delta R.T. 0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

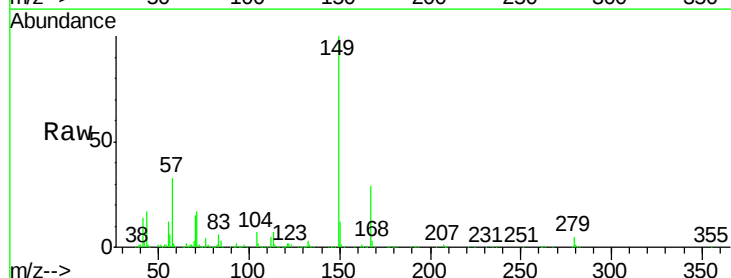
Tgt Ion:149 Resp: 459336

Ion Ratio Lower Upper

149 100

167 29.4 22.6 34.0

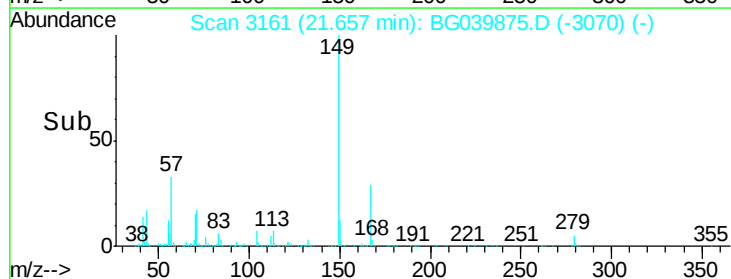
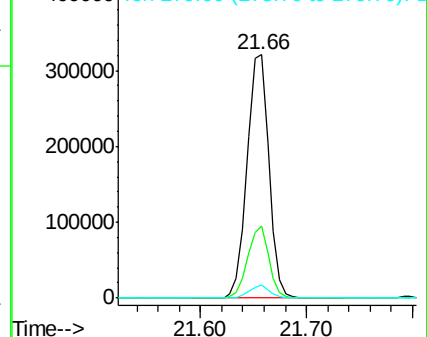
279 5.3 3.5 5.3#

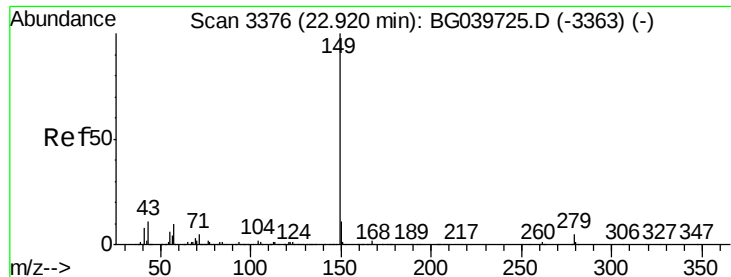


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.852 ng

RT: 22.91 min Scan# 3374

Delta R.T. -0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

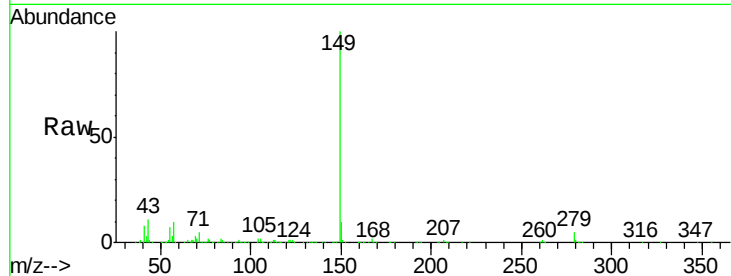
Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019MSD

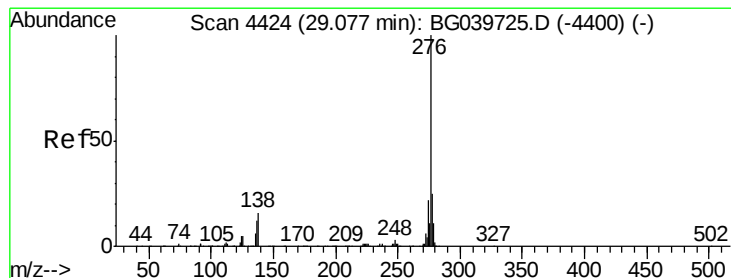
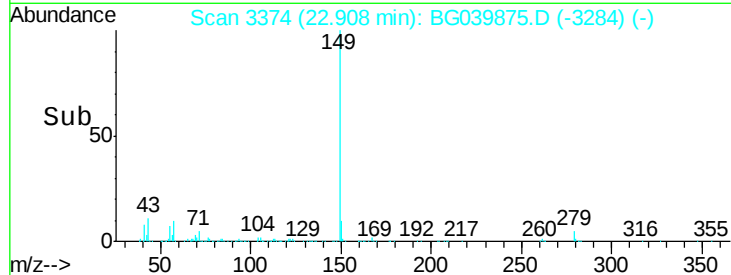
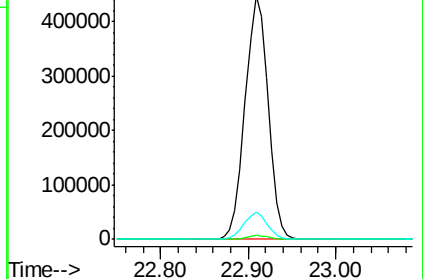
Tgt Ion:	149	Resp:	794318
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	10.9	10.2	15.4



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: 37.853 ng

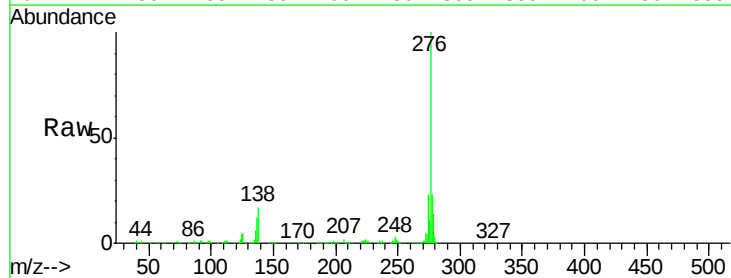
RT: 29.06 min Scan# 4421

Delta R.T. -0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

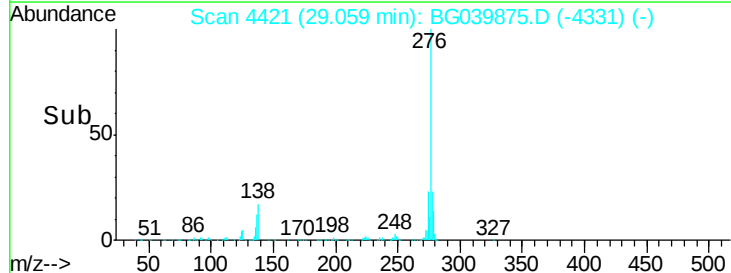
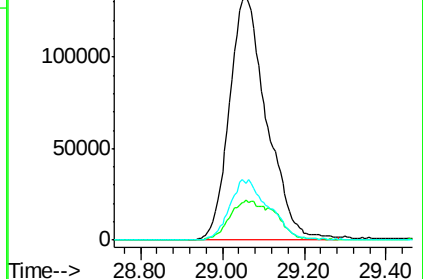
Tgt Ion:	276	Resp:	845375
Ion Ratio	Lower	Upper	
276	100		
138	20.0	12.6	19.0#
277	25.9	20.8	31.2

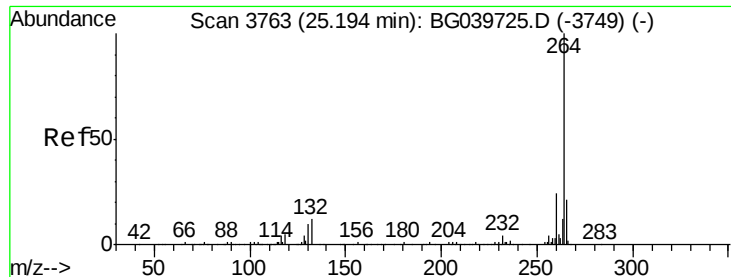


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



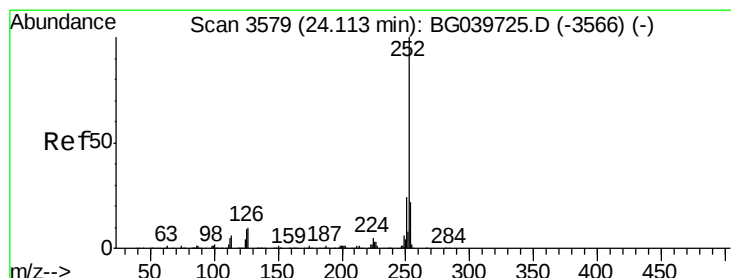
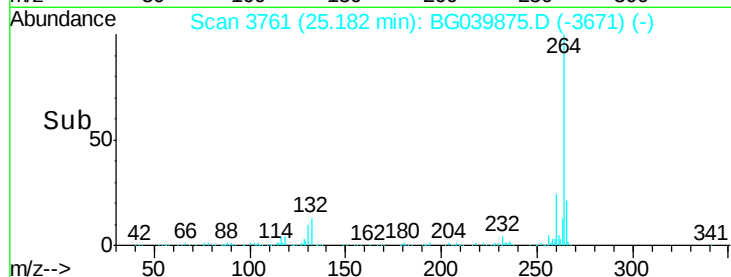
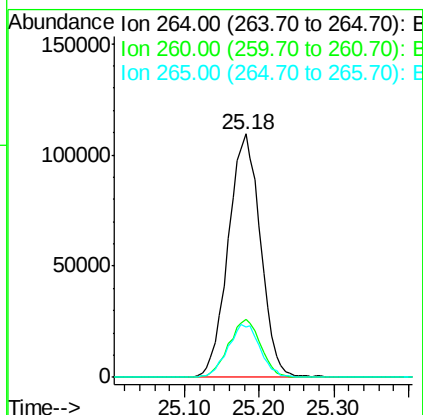
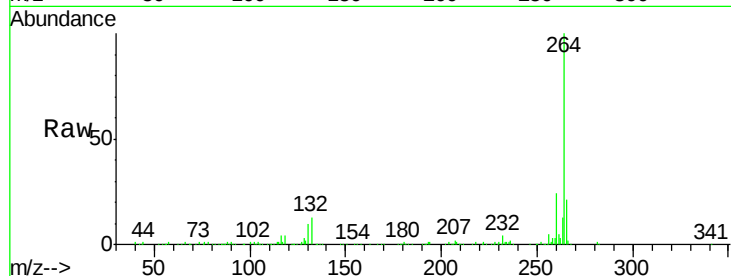


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3761
Delta R.T. -0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MSD

Tgt Ion: 264 Resp: 327938

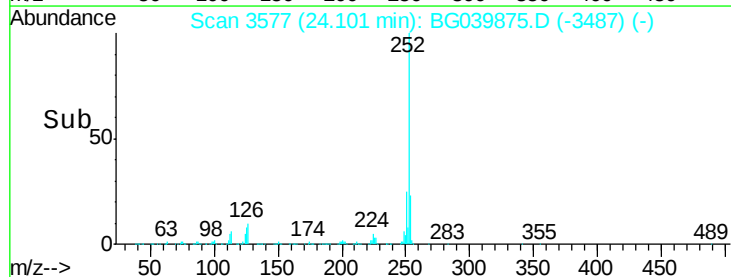
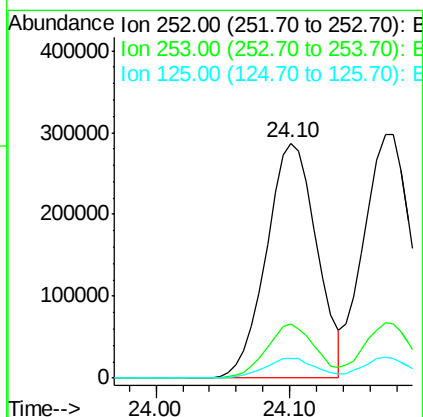
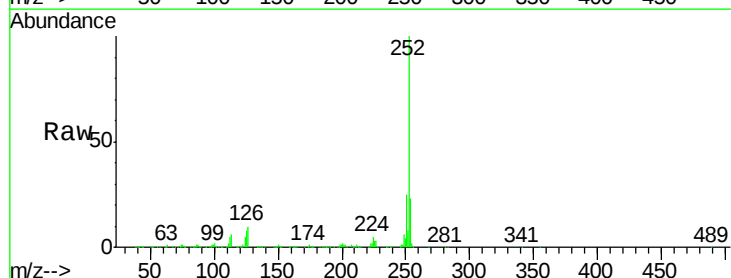
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	20.9	18.5	27.7

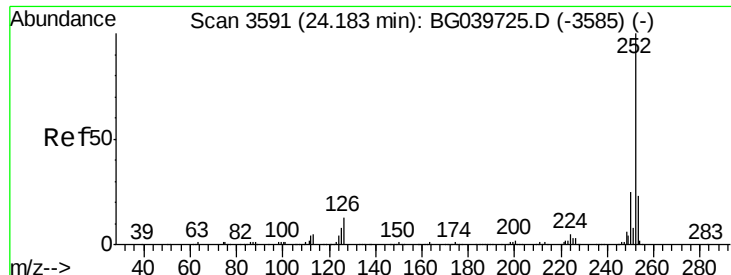


#88
Benzo(b)fluoranthene
Concen: 38.407 ng
RT: 24.10 min Scan# 3577
Delta R.T. -0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Tgt Ion: 252 Resp: 751081

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	8.4	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 40.386 ng

RT: 24.17 min Scan# 3589

Delta R.T. -0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

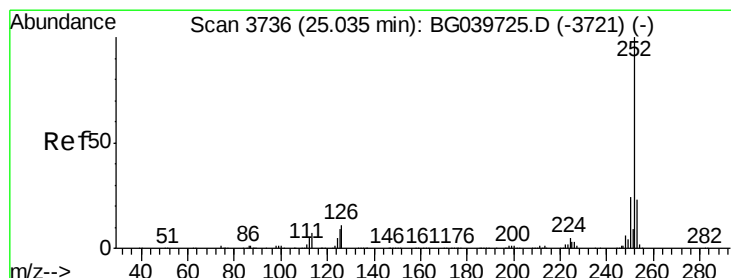
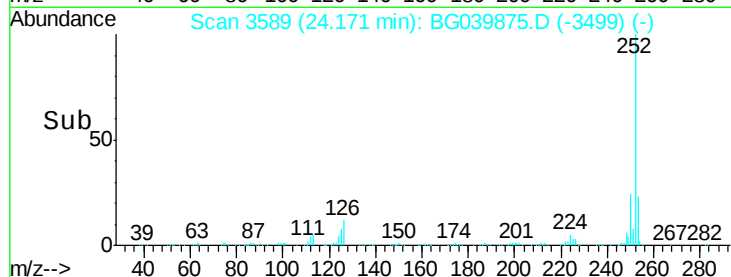
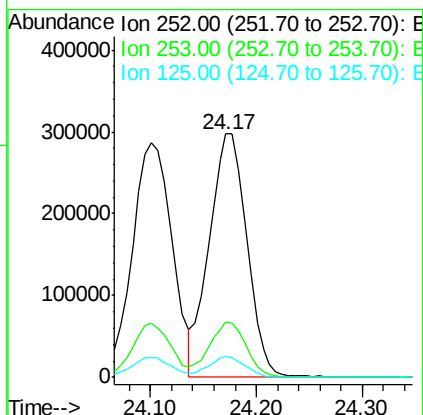
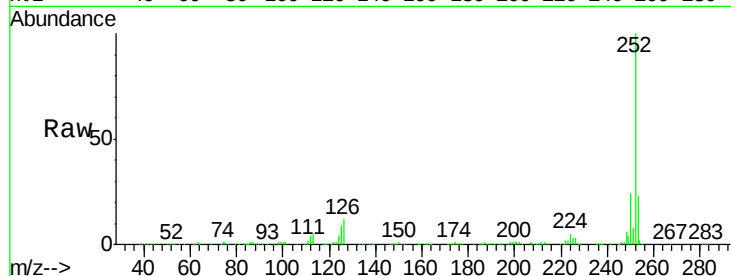
Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019MSD

Tgt Ion:	252	Resp:	735161
Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	8.5	7.4	11.2



#90

Benzo(a)pyrene

Concen: 40.737 ng

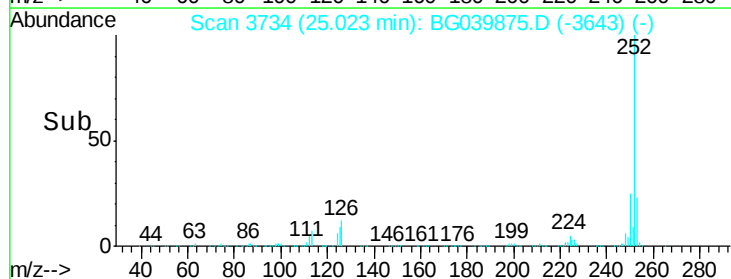
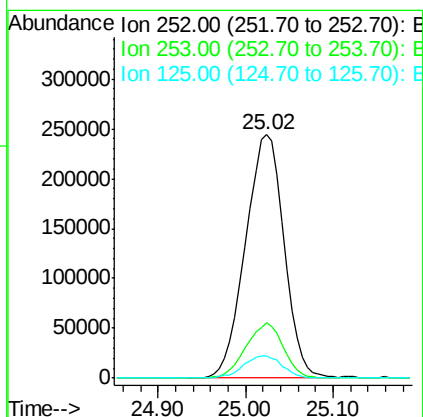
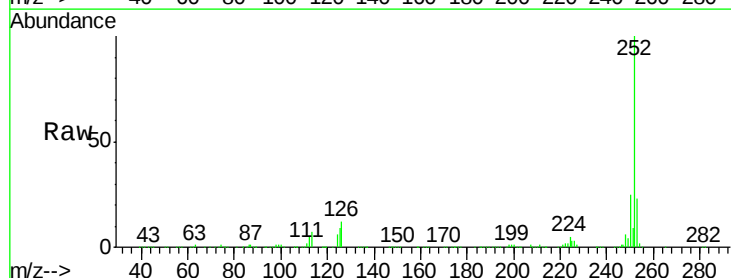
RT: 25.02 min Scan# 3734

Delta R.T. 0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Tgt Ion:	252	Resp:	736132
Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	8.9	8.3	12.5

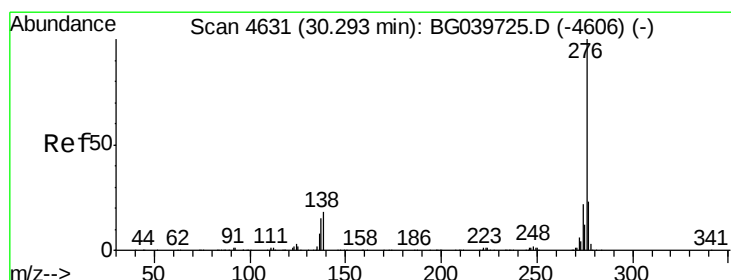
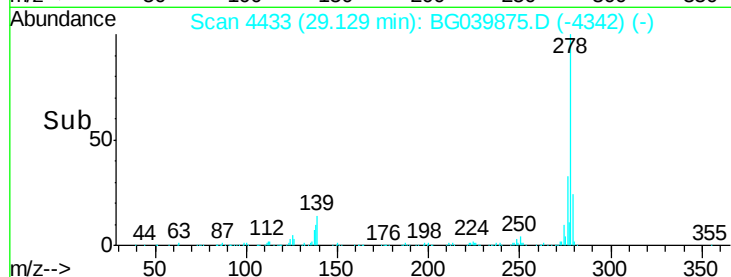
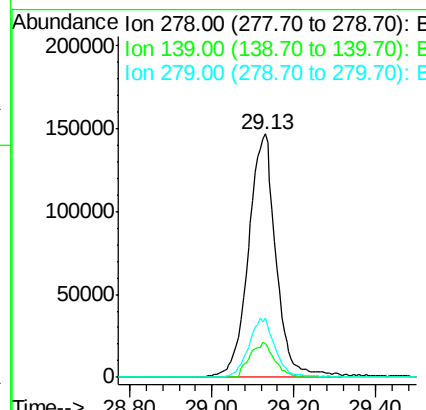
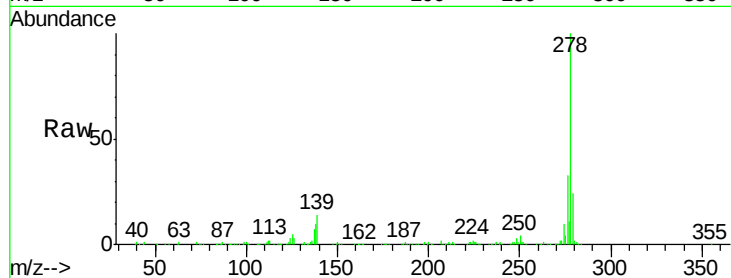




#91
Dibenzo(a,h)anthracene
Concen: 38.888 ng
RT: 29.13 min Scan# 4433
Delta R.T. 0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.7	11.7	17.5
279	24.3	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 38.718 ng
RT: 30.29 min Scan# 4630
Delta R.T. 0.01 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.6	29.4
138	16.9	14.7	22.1

