

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
 Data File : BG039760.D
 Acq On : 5 Mar 2019 10:50
 Operator : JU/SJ
 Sample : K1688-02MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-030119-AMS

Quant Time: Mar 05 12:25:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	45608	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	200286	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	142960	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	345632	20.00	ng	0.00
76) Chrysene-d12	21.82	240	345332	20.00	ng	-0.01
87) Perylene-d12	25.18	264	364897	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	398786	149.17	ng	0.00
7) Phenol-d6	7.31	99	542140	136.01	ng	0.00
23) Nitrobenzene-d5	9.34	82	376445	101.65	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	262762	157.69	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	897640	89.40	ng	-0.01
79) Terphenyl-d14	20.12	244	1518230	96.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	42120	34.127	ng	# 15
3) Pyridine	4.01	79	107768	32.615	ng	99
4) n-Nitrosodimethylamine	3.92	42	65675	41.898	ng	# 93
6) Aniline	7.48	93	72719	13.924	ng	95
8) 2-Chlorophenol	7.72	128	141491	43.626	ng	98
9) Benzaldehyde	7.30	77	92425	35.945	ng	97
10) Phenol	7.33	94	173297	40.131	ng	99
11) bis(2-Chloroethyl)ether	7.57	93	142024	42.183	ng	98
12) 1,3-Dichlorobenzene	8.04	146	151030	41.174	ng	97
13) 1,4-Dichlorobenzene	8.20	146	152308	40.764	ng	97
14) 1,2-Dichlorobenzene	8.51	146	146510	40.585	ng	100
15) Benzyl Alcohol	8.40	79	144739	45.774	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	281591	41.818	ng	99
17) 2-Methylphenol	8.59	107	128451	46.650	ng	97
18) Hexachloroethane	9.24	117	54035	40.306	ng	98
19) n-Nitroso-di-n-propylamine	8.96	70	121846	42.468	ng	97
20) 3+4-Methylphenols	8.92	107	176704	46.194	ng	97
22) Acetophenone	8.99	105	225789	42.002	ng	# 95
24) Nitrobenzene	9.38	77	177519	45.694	ng	96
25) Isophorone	9.89	82	355135	45.768	ng	97
26) 2-Nitrophenol	10.09	139	85010	45.321	ng	96
27) 2,4-Dimethylphenol	10.13	122	157252	53.904	ng	97
28) bis(2-Chloroethoxy)methane	10.37	93	209663	44.463	ng	100
29) 2,4-Dichlorophenol	10.62	162	168069	51.170	ng	95
30) 1,2,4-Trichlorobenzene	10.83	180	160001	43.291	ng	98
31) Naphthalene	11.03	128	470481	44.367	ng	100
32) Benzoic acid	10.21	122	8130	10.099	ng	90
33) 4-Chloroaniline	11.15	127	10500	2.335	ng	96
34) Hexachlorobutadiene	11.29	225	103486	40.975	ng	98
35) Caprolactam	11.93	113	23111	18.420	ng	98
36) 4-Chloro-3-methylphenol	12.24	107	187000	49.666	ng	98
37) 2-Methylnaphthalene	12.62	142	361288	45.571	ng	98
38) 1-Methylnaphthalene	12.84	142	348602	45.246	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	203247	41.966	ng	99

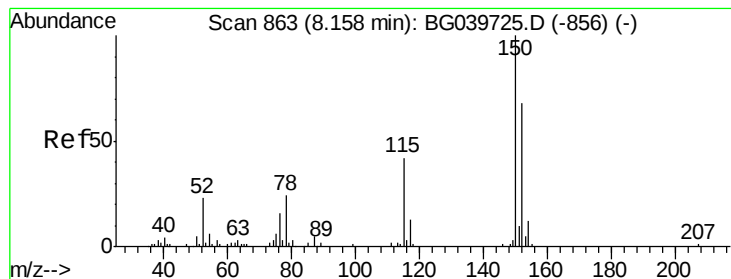
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	230557	88.831	ng	99
43) 2,4,6-Trichlorophenol	13.22	196	140695	49.620	ng	100
44) 2,4,5-Trichlorophenol	13.29	196	153866	48.143	ng	98
46) 1,1'-Biphenyl	13.62	154	498803	42.421	ng	99
47) 2-Chloronaphthalene	13.67	162	382884	43.285	ng	97
48) 2-Nitroaniline	13.88	65	138860	48.848	ng	96
49) Acenaphthylene	14.51	152	623047	42.906	ng	99
50) Dimethylphthalate	14.23	163	535953	44.834	ng	100
51) 2,6-Dinitrotoluene	14.36	165	117121	46.216	ng	100
52) Acenaphthene	14.85	154	383721	43.905	ng	99
53) 3-Nitroaniline	14.69	138	19866	7.798	ng	# 90
54) 2,4-Dinitrophenol	14.90	184	44728	31.404	ng	95
55) Dibenzofuran	15.18	168	626526	43.693	ng	97
56) 4-Nitrophenol	14.99	139	182074	79.897	ng	89
57) 2,4-Dinitrotoluene	15.14	165	166894	46.869	ng	# 91
58) Fluorene	15.83	166	497960	44.174	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	152915	48.990	ng	98
60) Diethylphthalate	15.58	149	541281	45.740	ng	97
61) 4-Chlorophenyl-phenylether	15.81	204	263043	43.728	ng	96
62) 4-Nitroaniline	15.86	138	117228	42.448	ng	95
63) Azobenzene	16.11	77	487648	45.460	ng	98
65) 4,6-Dinitro-2-methylphenol	15.90	198	48798	23.878	ng	96
66) n-Nitrosodiphenylamine	16.03	169	464042	46.376	ng	99
67) 4-Bromophenyl-phenylether	16.71	248	175294	45.310	ng	98
68) Hexachlorobenzene	16.82	284	180975	45.128	ng	94
69) Atrazine	16.97	200	186218	47.287	ng	97
70) Pentachlorophenol	17.17	266	176577	69.719	ng	98
71) Phenanthrene	17.57	178	842509	44.254	ng	98
72) Anthracene	17.66	178	857481	46.220	ng	98
73) Carbazole	17.94	167	757657	45.301	ng	99
74) Di-n-butylphthalate	18.46	149	916078	46.553	ng	99
75) Fluoranthene	19.57	202	1002526	44.558	ng	99
77) Benzidine	19.75	184	108058	9.861	ng	100
78) Pyrene	19.93	202	1016320	45.291	ng	99
80) Butylbenzylphthalate	20.80	149	422428	48.590	ng	94
81) Benzo(a)anthracene	21.79	228	966462	44.655	ng	100
82) 3,3'-Dichlorobenzidine	21.71	252	81447	10.307	ng	96
83) Chrysene	21.87	228	919941	43.844	ng	100
84) Bis(2-ethylhexyl)phthalate	21.66	149	593008	48.540	ng	99
85) Di-n-octyl phthalate	22.92	149	1016373	50.245	ng	96
86) Indeno(1,2,3-cd)pyrene	29.07	276	1143951	48.058	ng	# 95
88) Benzo(b)fluoranthene	24.11	252	988735	45.439	ng	99
89) Benzo(k)fluoranthene	24.19	252	956056	47.201	ng	98
90) Benzo(a)pyrene	25.03	252	959255	47.707	ng	99
91) Dibenzo(a,h)anthracene	29.14	278	921472	46.747	ng	98
92) Benzo(g,h,i)perylene	30.30	276	952705	48.123	ng	97

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

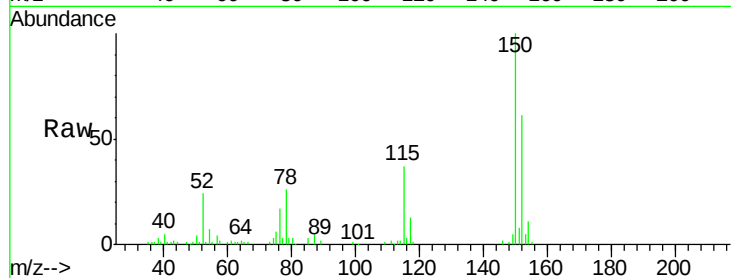


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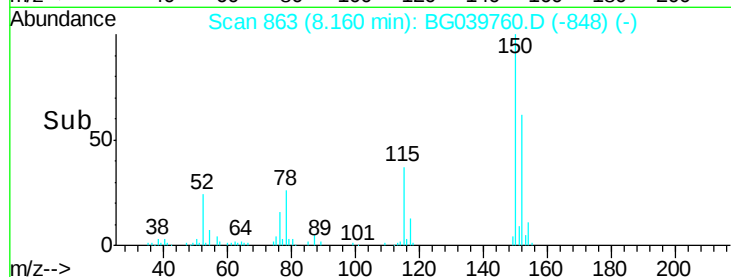
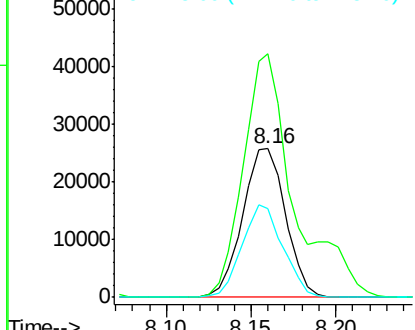
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Instrument :
BNA_G
ClientSampleId :
JC-03-030119-AMS

Tgt Ion:152 Resp: 45608
Ion Ratio Lower Upper
152 100
150 164.0 123.7 185.5
115 59.9 45.9 68.9



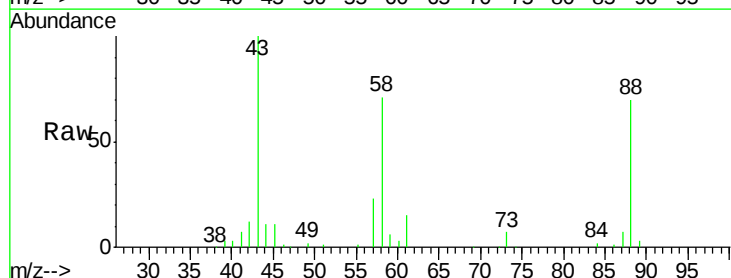
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



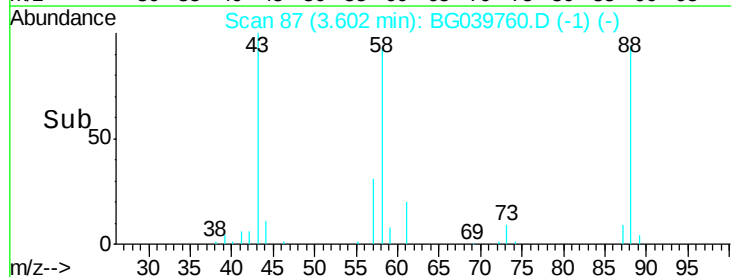
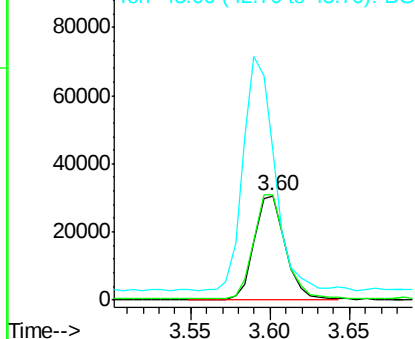
#2

1,4-Dioxane
Concen: 34.127 ng
RT: 3.60 min Scan# 87
Delta R.T. -0.00 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Tgt Ion: 88 Resp: 42120
Ion Ratio Lower Upper
88 100
58 99.8 81.1 121.7
43 222.6 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: 32.615 ng

RT: 4.01 min Scan# 156

Delta R.T. 0.00 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

Instrument :

BNA_G

ClientSampleId :

JC-03-030119-AMS

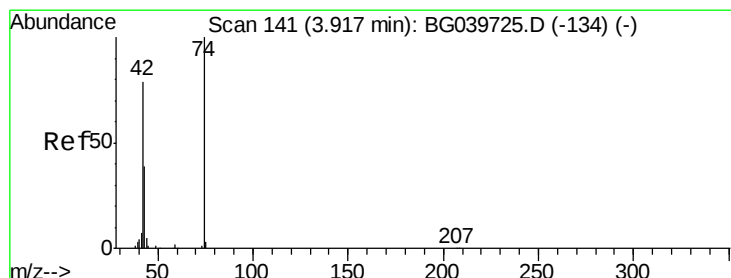
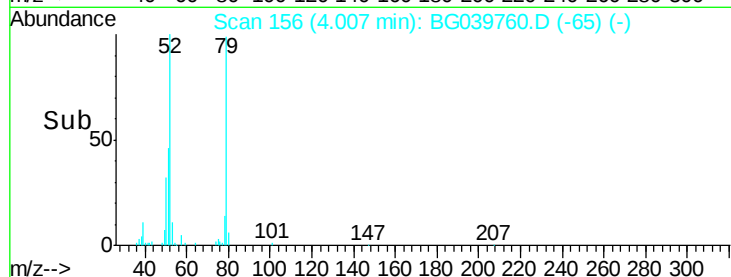
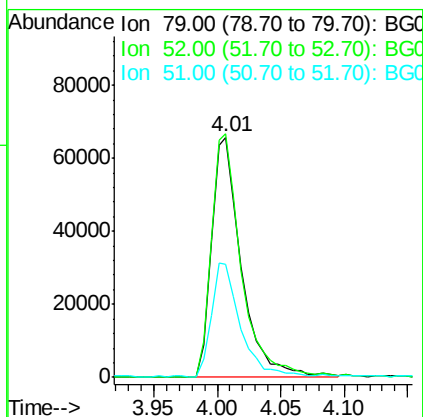
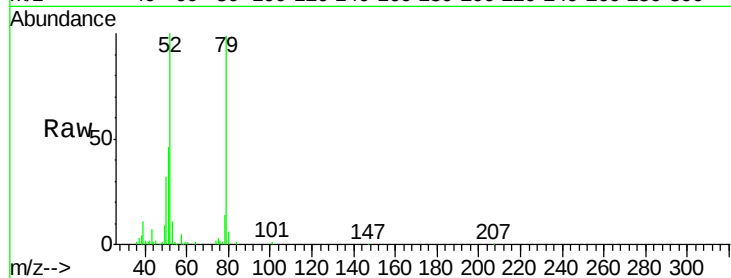
Tgt Ion: 79 Resp: 107768

Ion Ratio Lower Upper

79 100

52 101.5 82.6 124.0

51 47.1 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 41.898 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.01 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

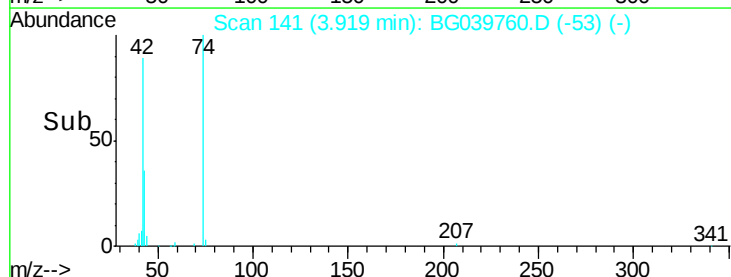
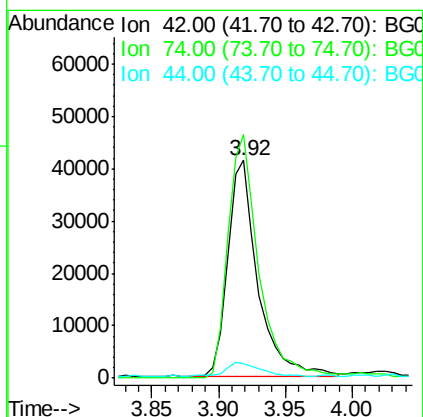
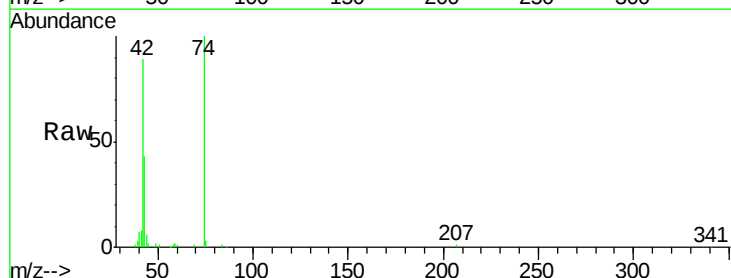
Tgt Ion: 42 Resp: 65675

Ion Ratio Lower Upper

42 100

74 111.8 83.6 125.4

44 6.6 6.9 10.3#





#5

2-Fluorophenol

Concen: 149.170 ng

RT: 5.70 min Scan# 445

Delta R.T. -0.00 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

Instrument :

BNA_G

ClientSampleId :

JC-03-030119-AMS

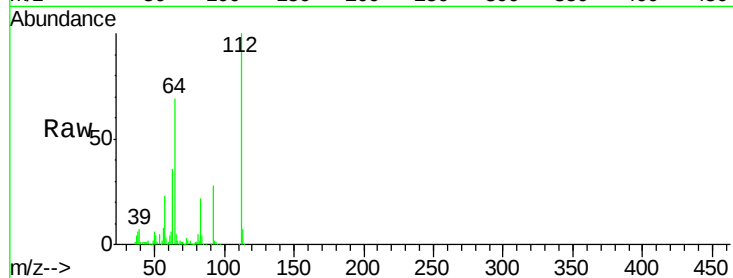
Tgt Ion: 112 Resp: 398786

Ion Ratio Lower Upper

112 100

64 69.1 57.8 86.8

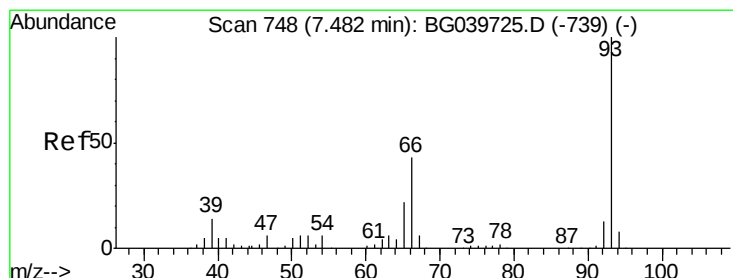
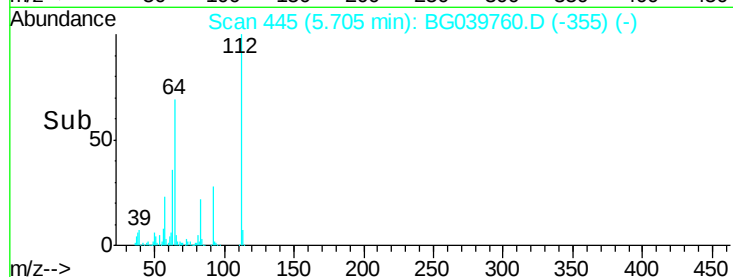
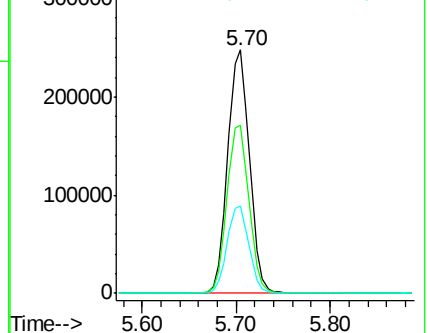
63 35.9 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 13.924 ng

RT: 7.48 min Scan# 748

Delta R.T. -0.01 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

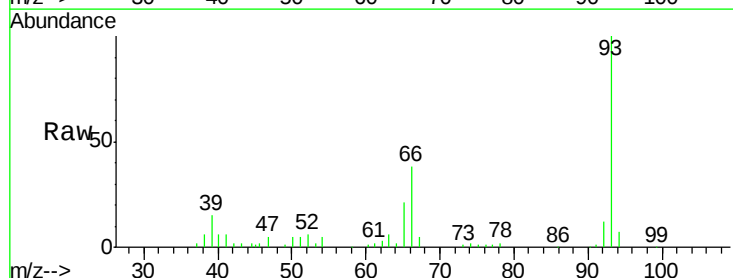
Tgt Ion: 93 Resp: 72719

Ion Ratio Lower Upper

93 100

66 38.4 34.2 51.4

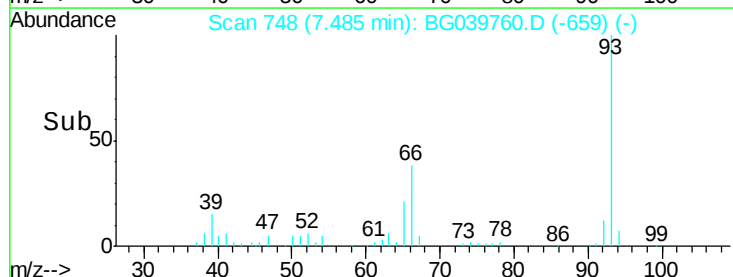
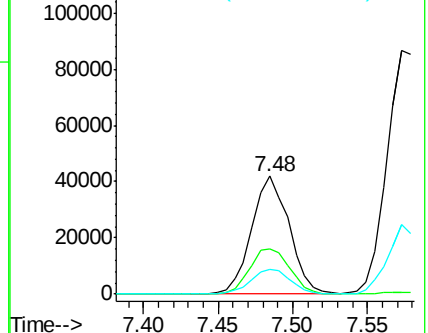
65 21.0 17.7 26.5

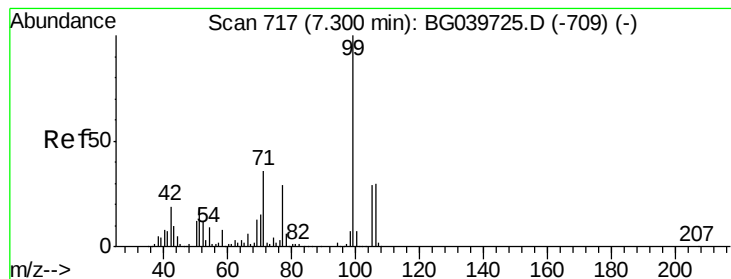


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 136.006 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

Instrument :

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ClientSampleId :

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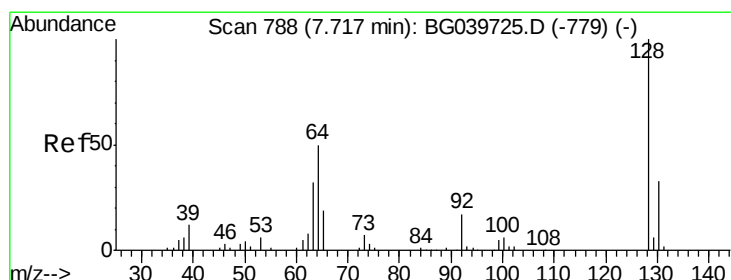
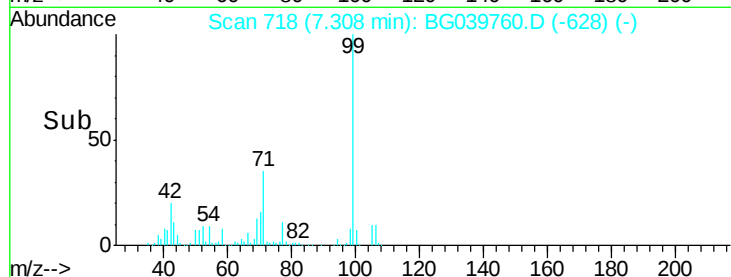
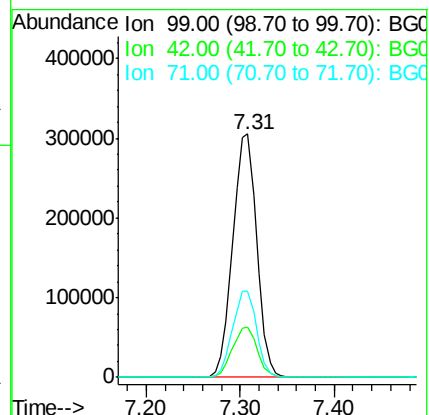
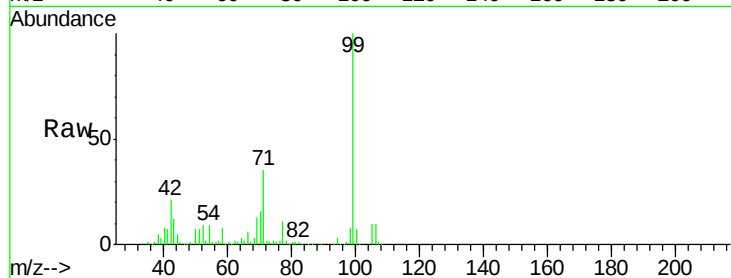
Tgt Ion: 99 Resp: 542140

Ion Ratio Lower Upper

99 100

42 20.6 18.2 27.2

71 35.4 28.0 42.0



#8

2-Chlorophenol

Concen: 43.626 ng

RT: 7.72 min Scan# 788

Delta R.T. -0.00 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

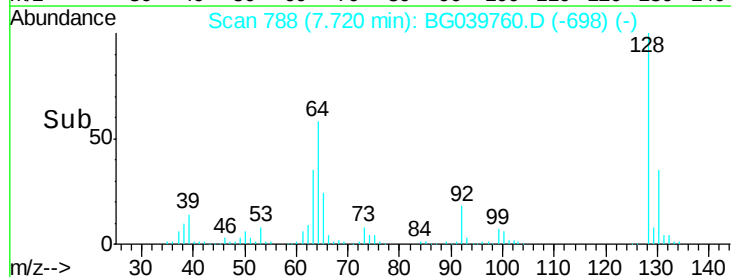
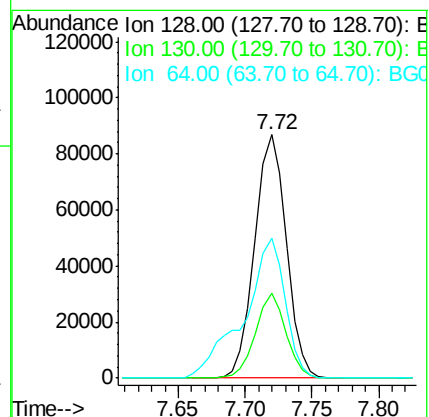
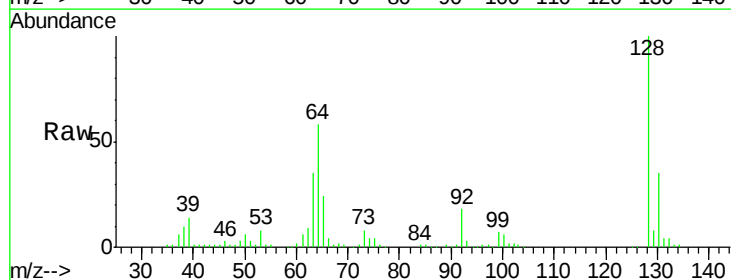
Tgt Ion: 128 Resp: 141491

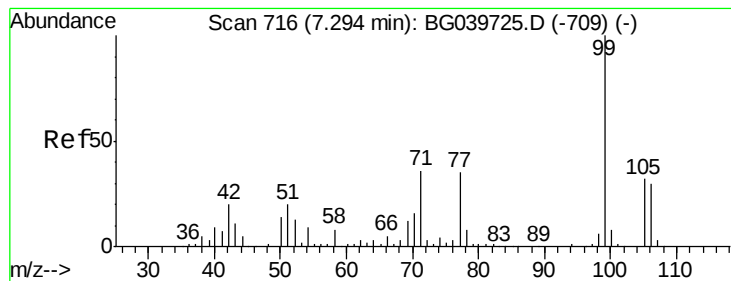
Ion Ratio Lower Upper

128 100

130 34.8 12.9 52.9

64 57.6 38.7 78.7





#9

Benzaldehyde

Concen: 35.945 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

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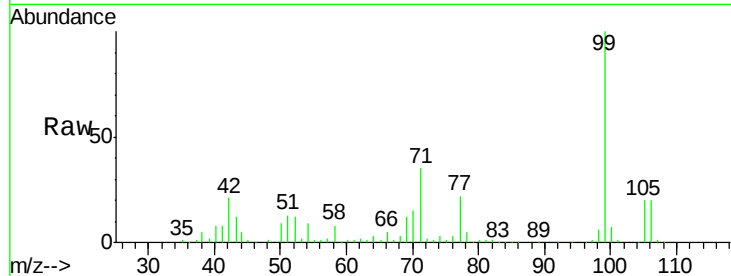
Tgt Ion: 77 Resp: 92425

Ion Ratio Lower Upper

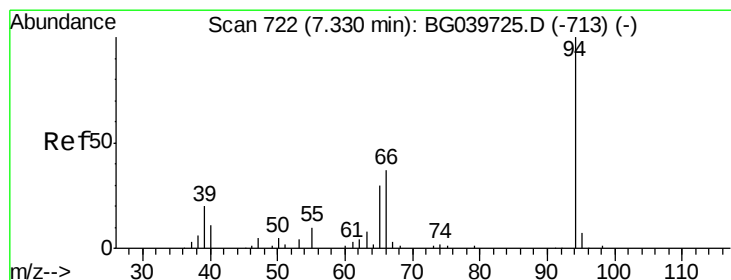
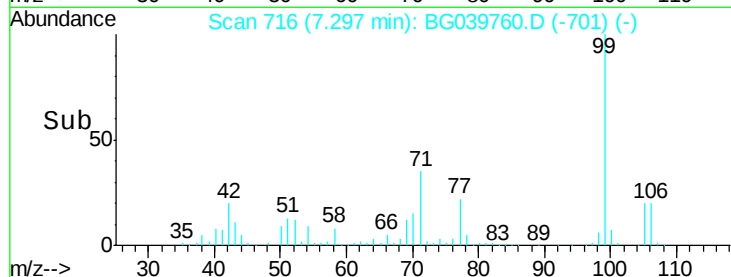
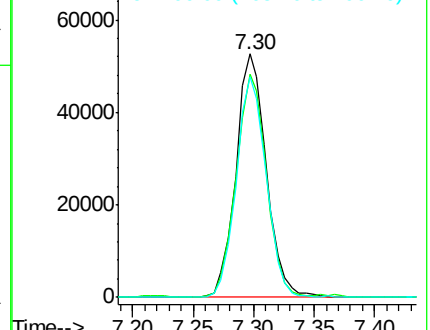
77 100

105 91.7 74.5 114.5

106 90.7 68.0 108.0



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 40.131 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.00 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

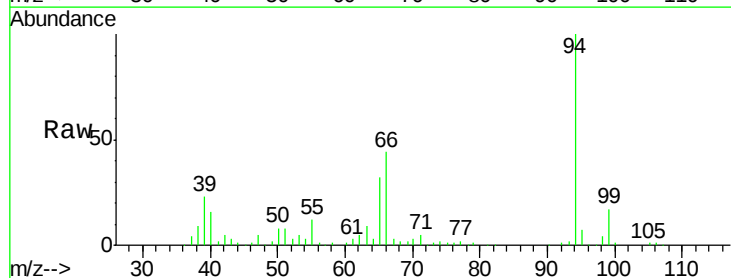
Tgt Ion: 94 Resp: 173297

Ion Ratio Lower Upper

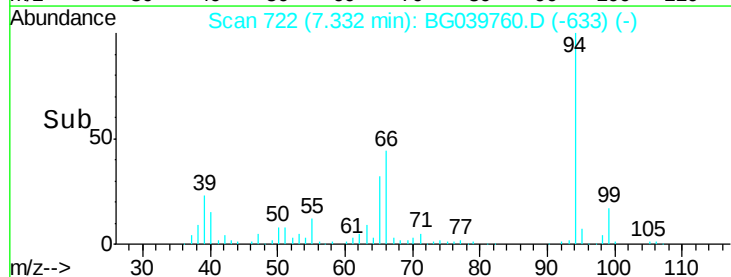
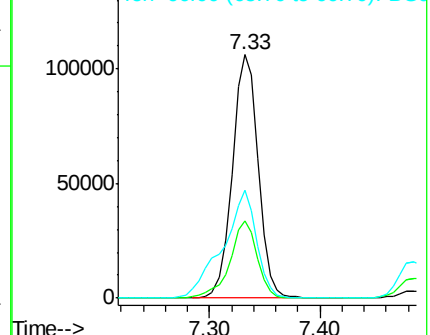
94 100

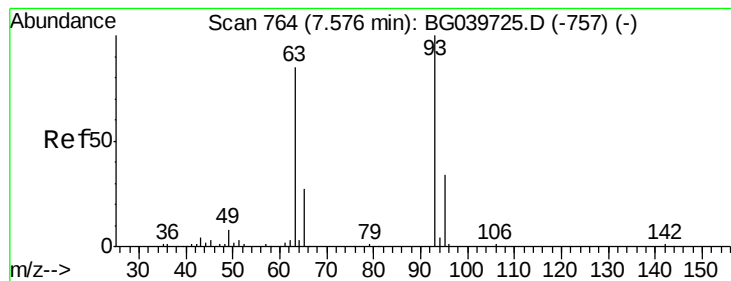
65 31.9 11.7 51.7

66 44.3 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: 42.183 ng

RT: 7.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

Instrument :

BNA_G

ClientSampleId :

JC-03-030119-AMS

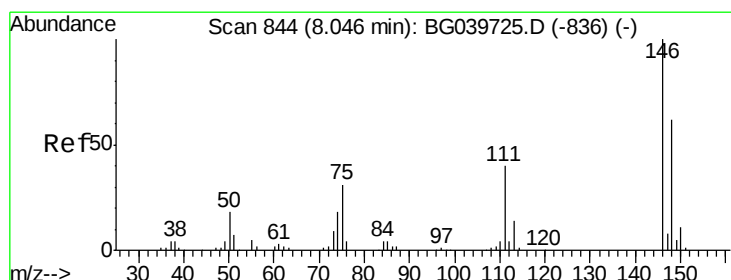
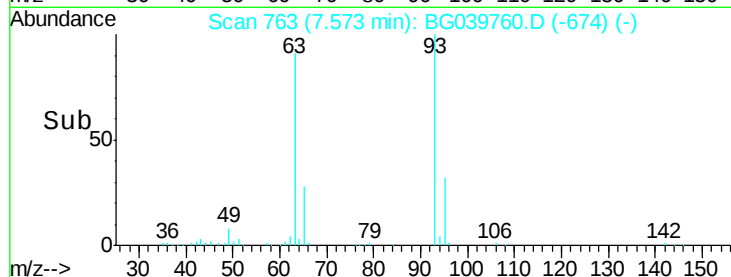
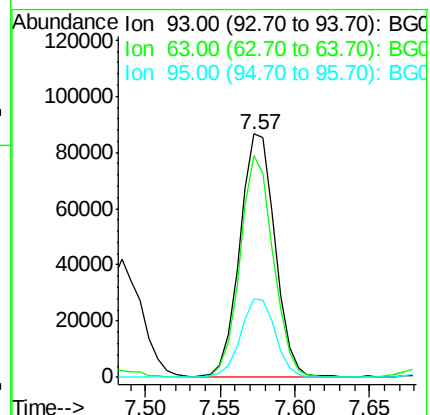
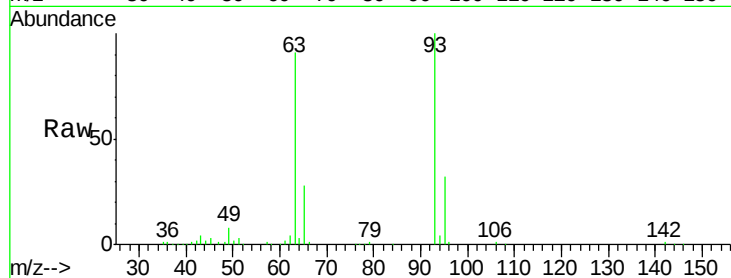
Tgt Ion: 93 Resp: 142024

Ion Ratio Lower Upper

93 100

63 91.2 69.5 109.5

95 32.1 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 41.174 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

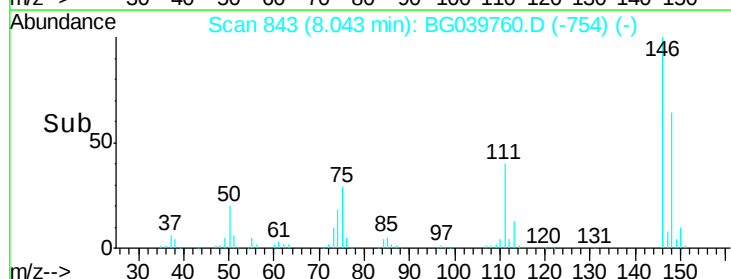
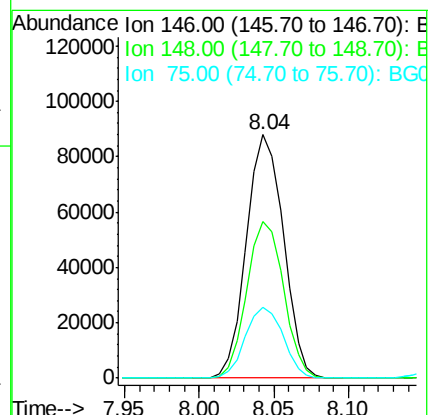
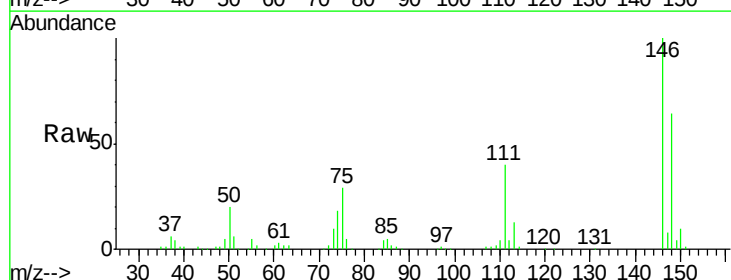
Tgt Ion: 146 Resp: 151030

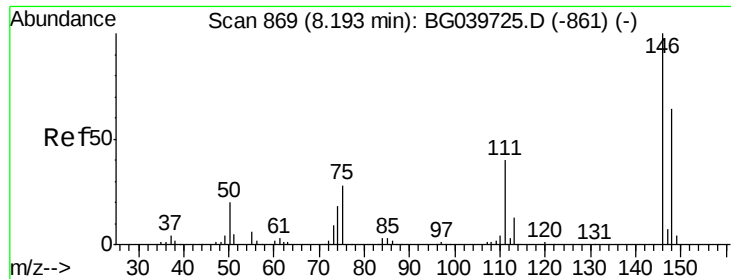
Ion Ratio Lower Upper

146 100

148 64.5 52.6 79.0

75 29.2 25.8 38.6

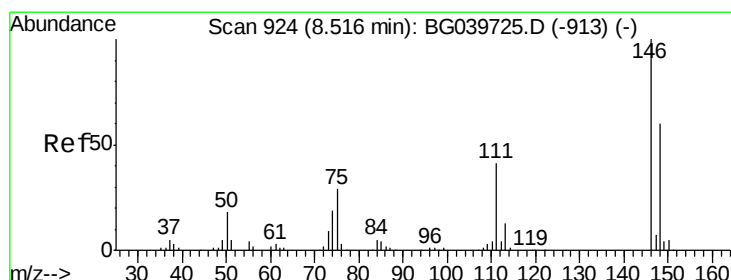
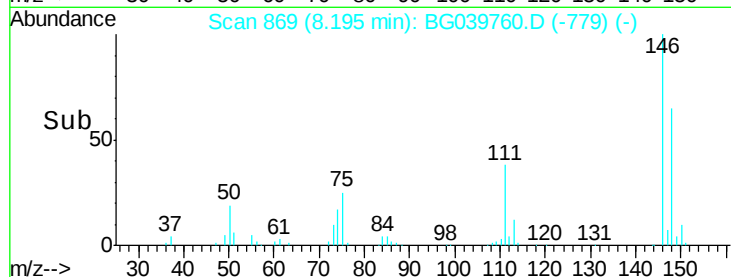
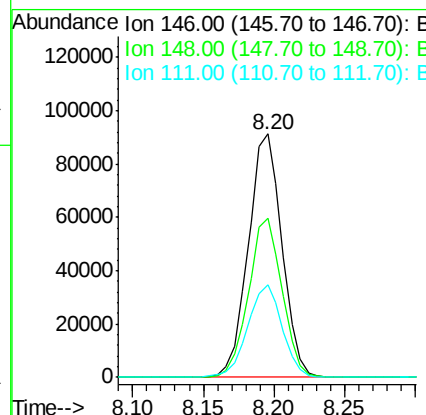
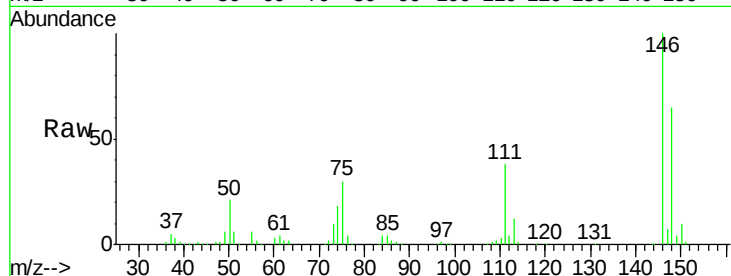




#13
 1,4-Dichlorobenzene
 Concen: 40.764 ng
 RT: 8.20 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

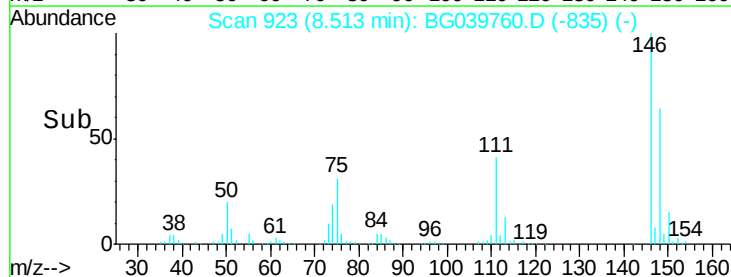
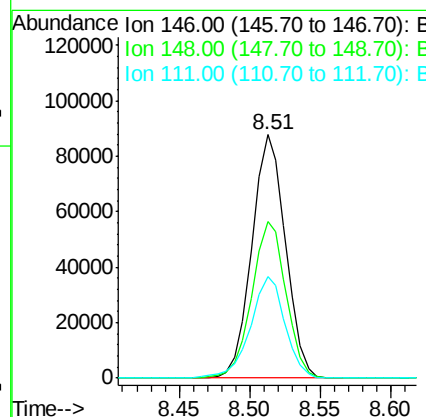
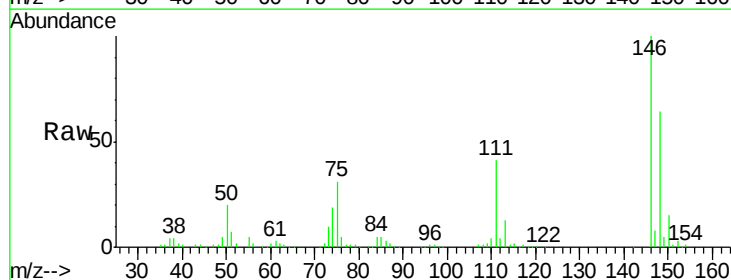
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-030119-AMS

Tgt Ion:146 Resp: 152308
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.1 76.7
 111 38.0 32.6 48.8



#14
 1,2-Dichlorobenzene
 Concen: 40.585 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

Tgt Ion:146 Resp: 146510
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.5 77.3
 111 41.5 33.8 50.6





#15

Benzyl Alcohol

Concen: 45.774 ng

RT: 8.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

Instrument :

BNA_G

ClientSampleId :

JC-03-030119-AMS

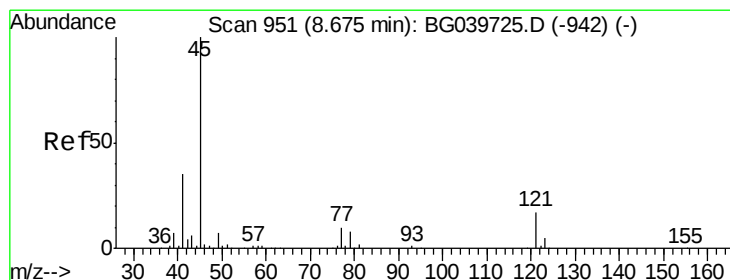
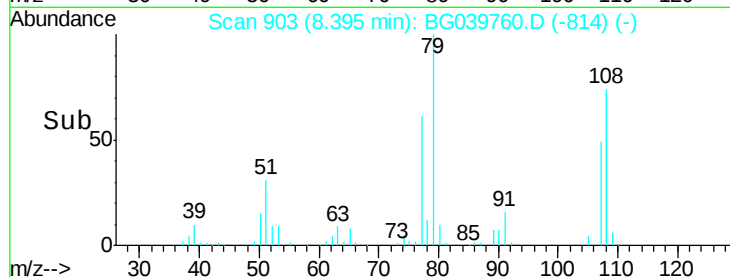
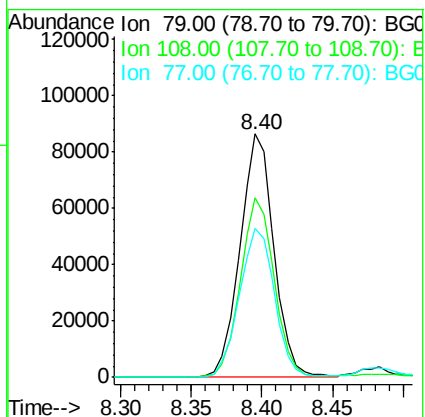
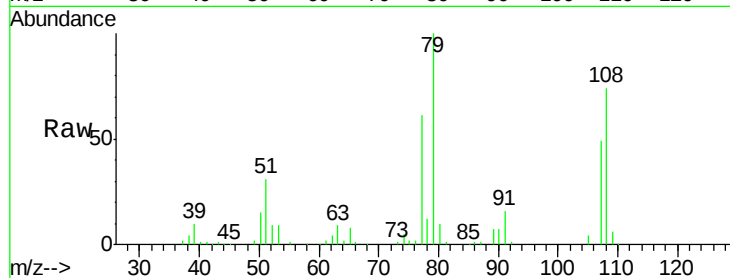
Tgt Ion: 79 Resp: 144739

Ion Ratio Lower Upper

79 100

108 73.7 57.8 86.6

77 61.3 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.818 ng

RT: 8.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

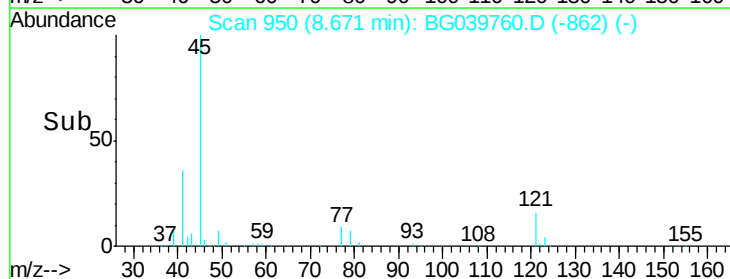
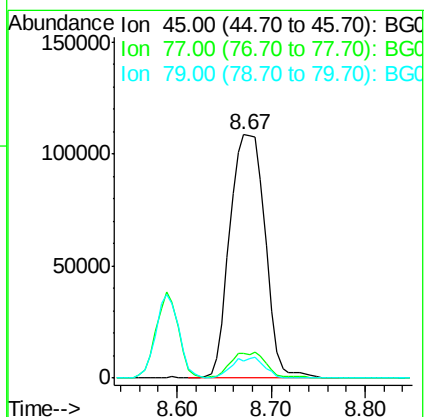
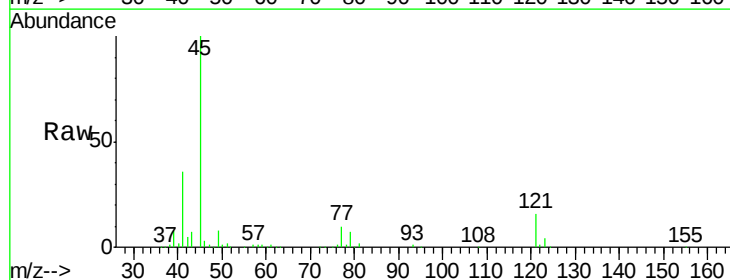
Tgt Ion: 45 Resp: 281591

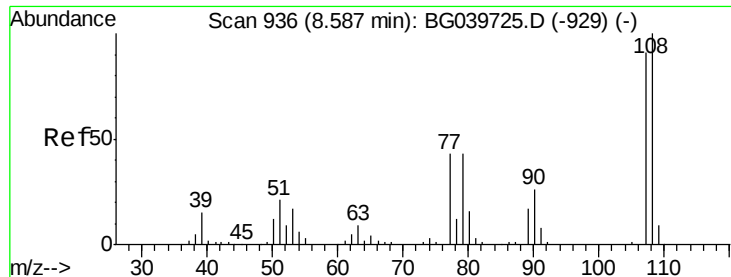
Ion Ratio Lower Upper

45 100

77 10.0 0.0 30.0

79 7.1 0.0 27.5

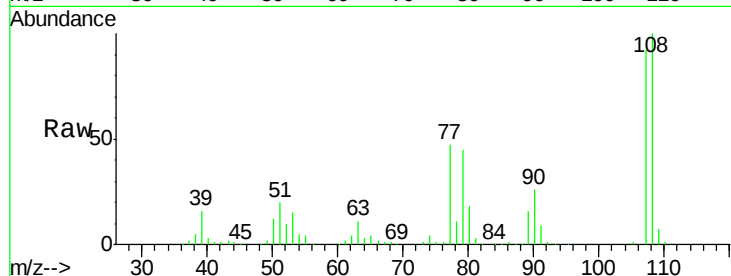




#17
2-Methylphenol
Concen: 46.650 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Instrument :
BNA_G
ClientSampleId :
JC-03-030119-AMS

Tgt Ion:	107	Resp:	128451
Ion	Ratio	Lower	Upper
107	100		
108	109.1	90.8	136.2
77	50.9	40.7	61.1
79	49.5	40.6	60.8



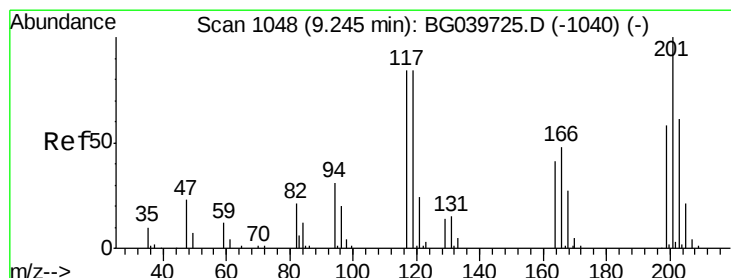
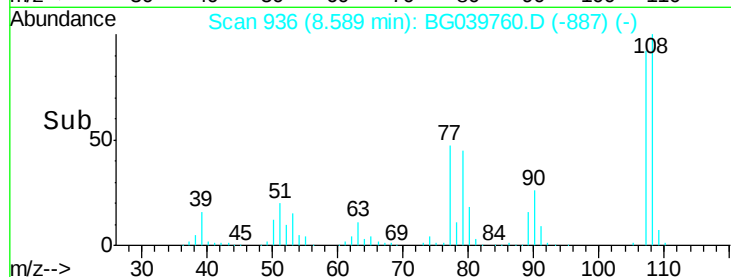
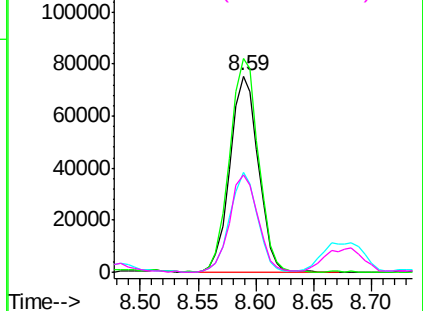
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

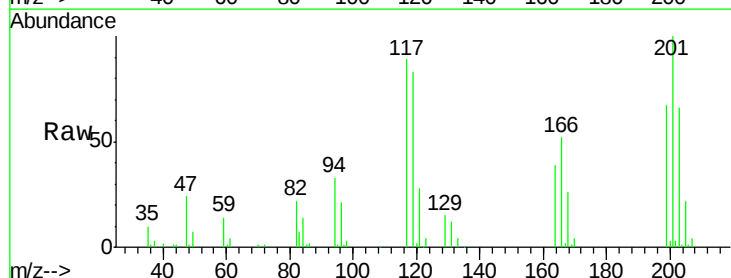
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 40.306 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Tgt Ion:	117	Resp:	54035
Ion	Ratio	Lower	Upper
117	100		
119	93.1	76.3	114.5
201	112.5	91.1	136.7

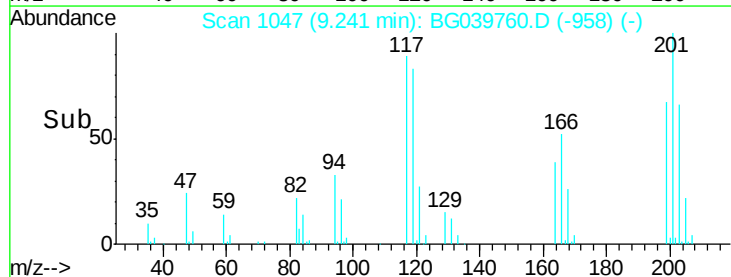
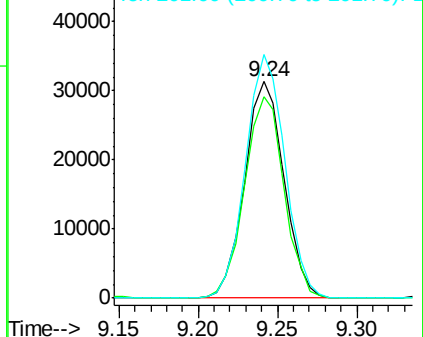


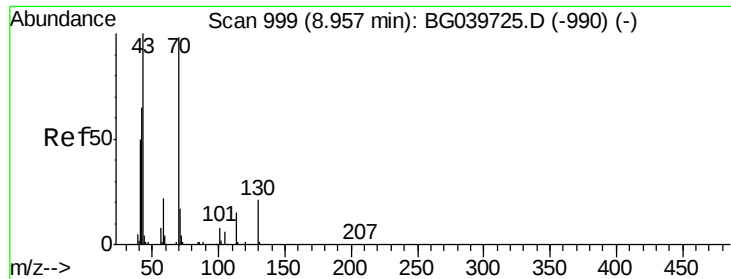
Abundance

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

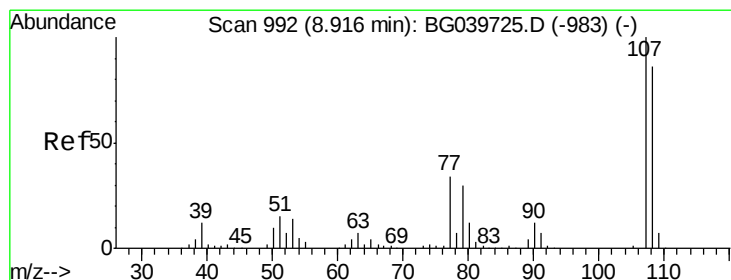
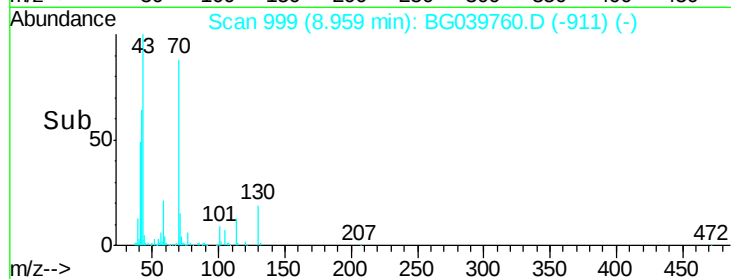
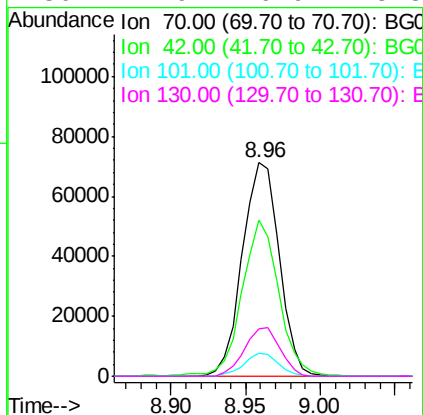
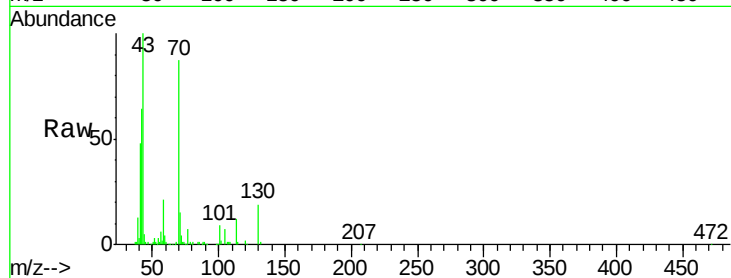




#19
n-Nitroso-di-n-propylamine
Concen: 42.468 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

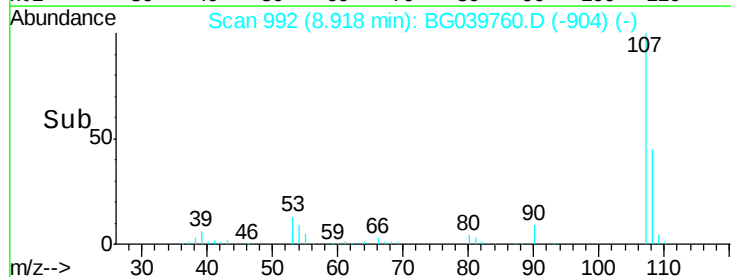
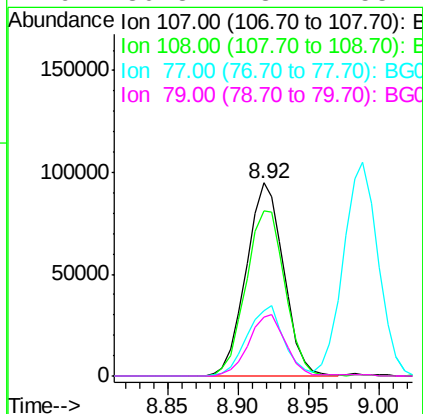
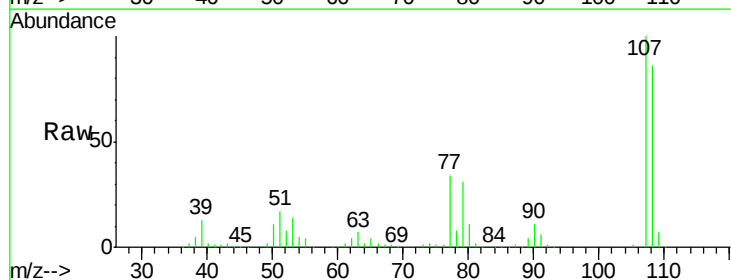
Instrument :
BNA_G
ClientSampleId :
JC-03-030119-AMS

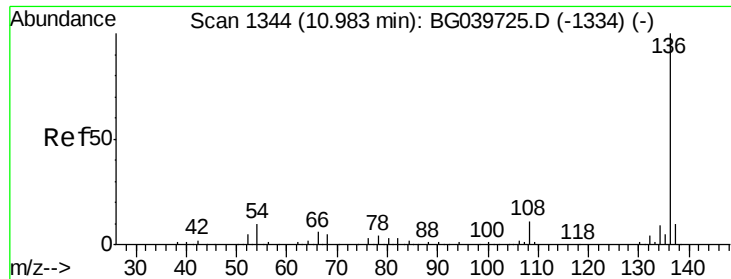
Tgt Ion:	70	Resp:	121846
Ion	Ratio	Lower	Upper
70	100		
42	73.1	60.4	90.6
101	10.6	7.5	11.3
130	21.9	16.9	25.3



#20
3+4-Methylphenols
Concen: 46.194 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Tgt Ion:	107	Resp:	176704
Ion	Ratio	Lower	Upper
107	100		
108	86.0	67.9	107.9
77	33.9	15.4	55.4
79	30.8	13.7	53.7

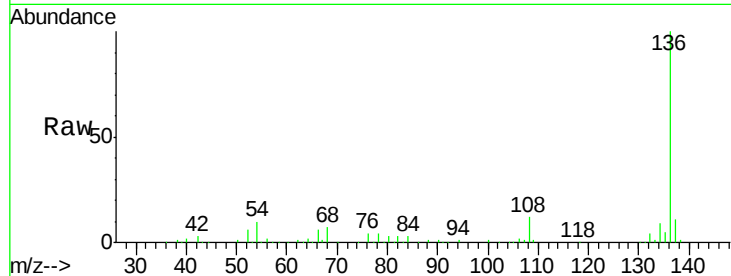




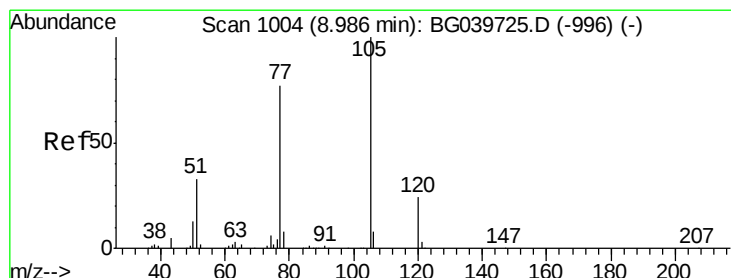
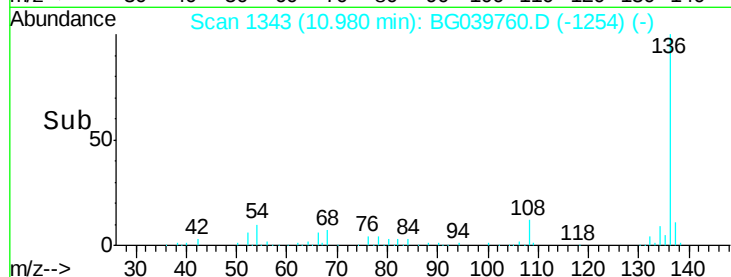
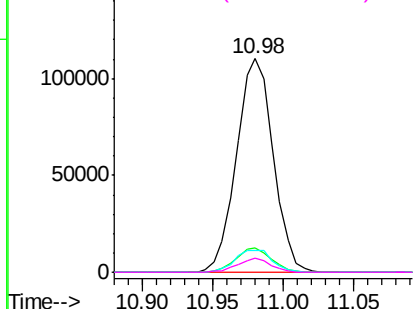
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Instrument :
BNA_G
ClientSampleId :
JC-03-030119-AMS

Tgt Ion:	136	Resp:	200286
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.1	13.7
54	10.3	9.4	14.2
68	6.8	4.2	6.4#

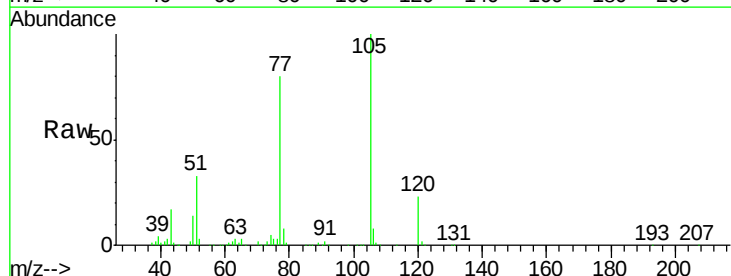


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

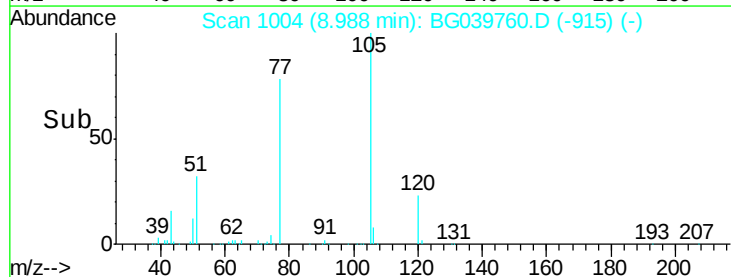
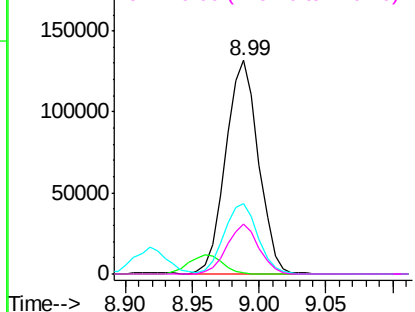


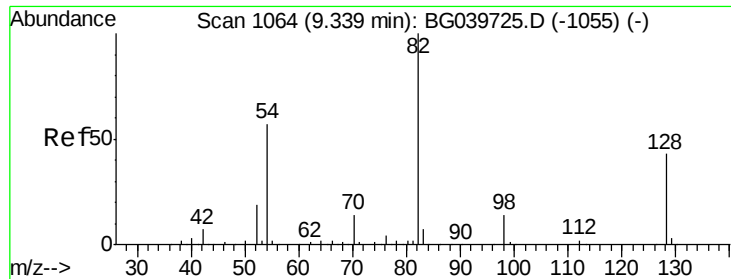
#22
Acetophenone
Concen: 42.002 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Tgt Ion:	105	Resp:	225789
Ion Ratio	Lower	Upper	
105	100		
71	0.4	0.8	1.2#
51	32.9	30.2	45.2
120	23.2	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

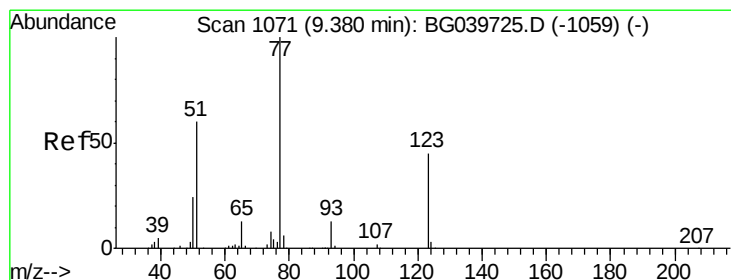
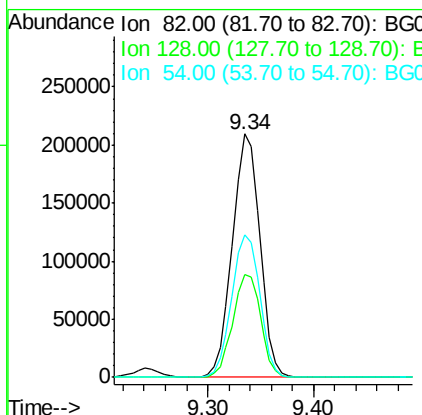
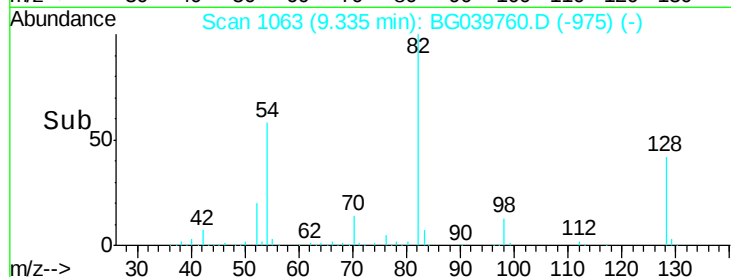
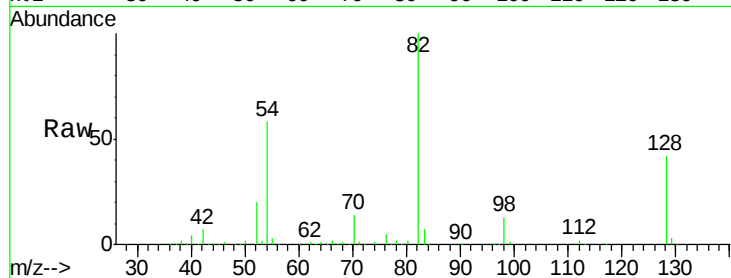




#23
 Nitrobenzene-d5
 Concen: 101.653 ng
 RT: 9.34 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

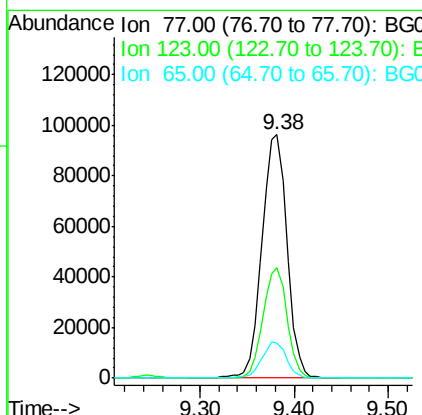
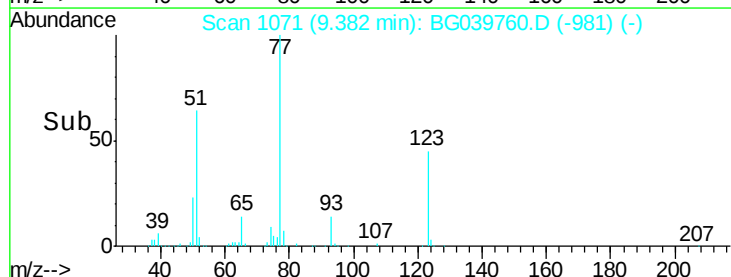
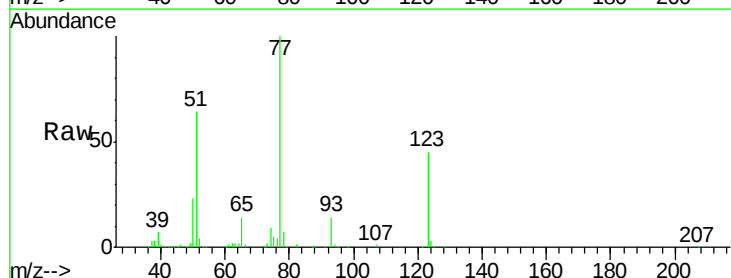
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-030119-AMS

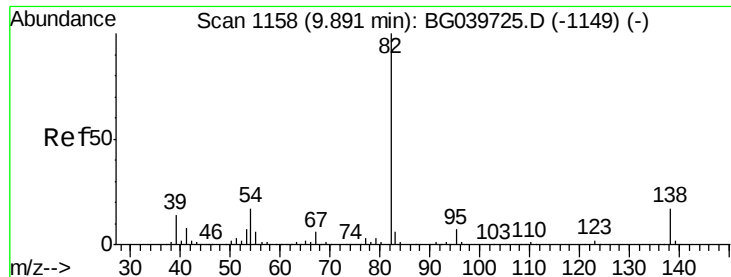
Tgt Ion: 82 Resp: 376445
 Ion Ratio Lower Upper
 82 100
 128 42.1 31.3 46.9
 54 58.4 50.9 76.3



#24
 Nitrobenzene
 Concen: 45.694 ng
 RT: 9.38 min Scan# 1071
 Delta R.T. -0.00 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

Tgt Ion: 77 Resp: 177519
 Ion Ratio Lower Upper
 77 100
 123 45.4 34.1 51.1
 65 14.2 12.3 18.5





#25

Isophorone

Concen: 45.768 ng

RT: 9.89 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

Instrument :

BNA_G

ClientSampleId :

JC-03-030119-AMS

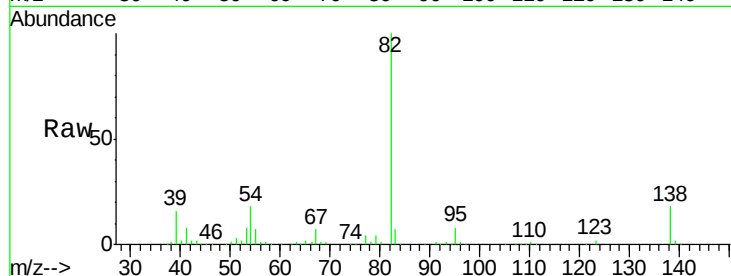
Tgt Ion: 82 Resp: 355135

Ion Ratio Lower Upper

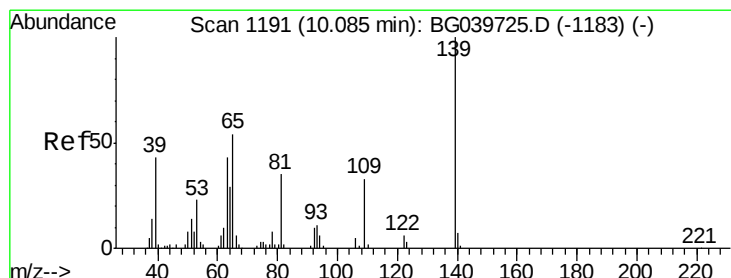
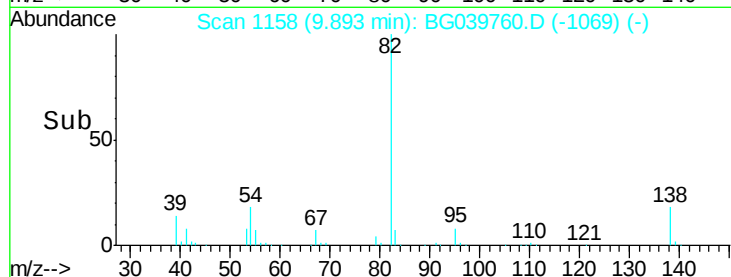
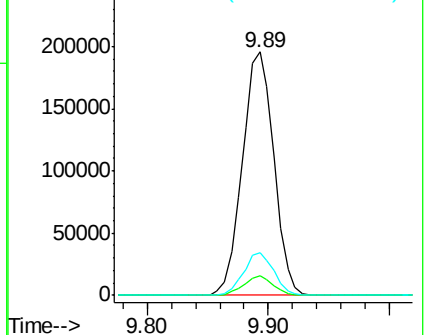
82 100

95 7.8 6.2 9.2

138 17.8 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: 45.321 ng

RT: 10.09 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

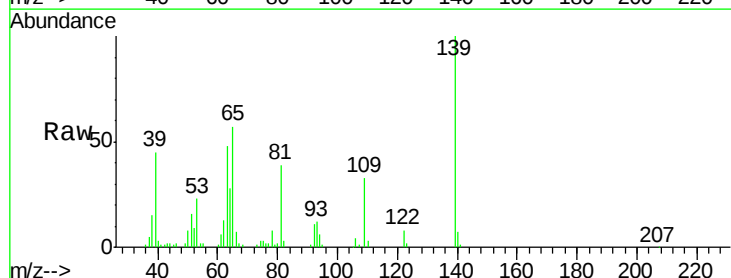
Tgt Ion: 139 Resp: 85010

Ion Ratio Lower Upper

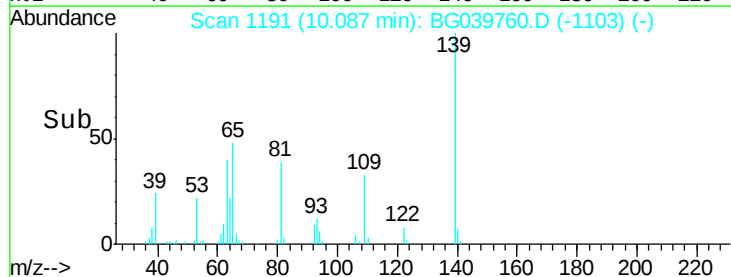
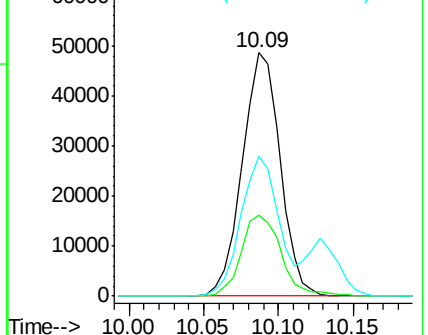
139 100

109 33.1 23.4 35.0

65 57.2 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

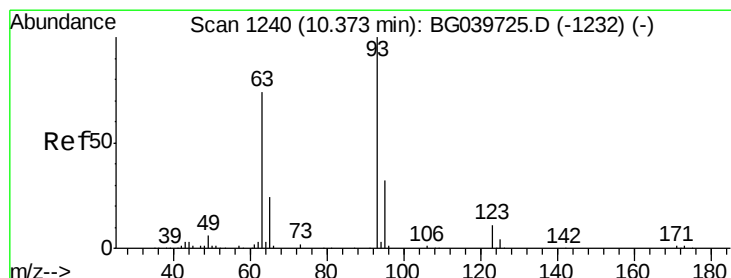
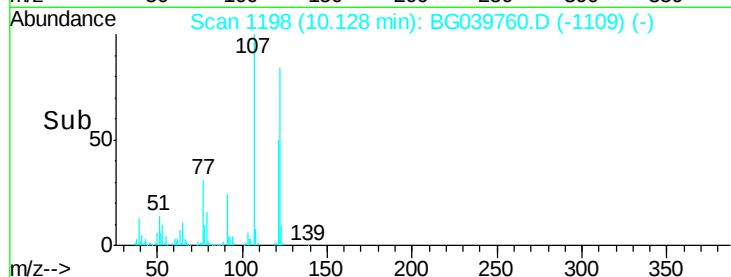
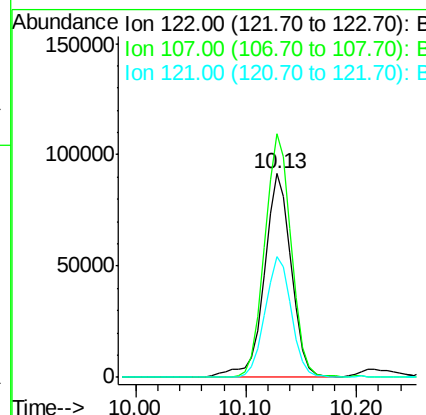
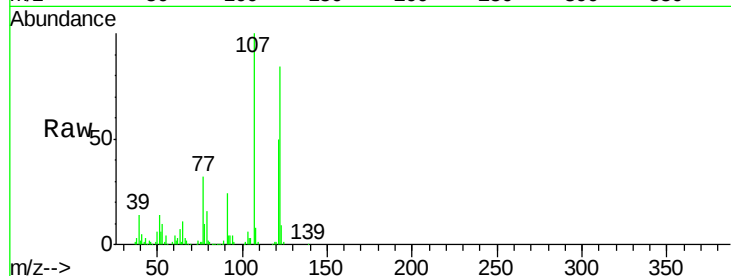




#27
 2,4-Dimethylphenol
 Concen: 53.904 ng
 RT: 10.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

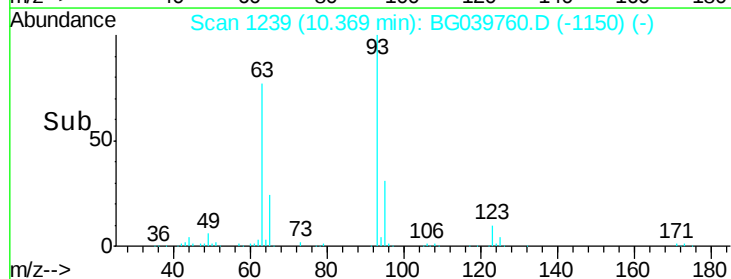
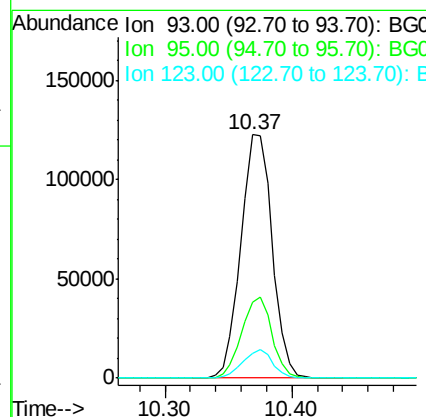
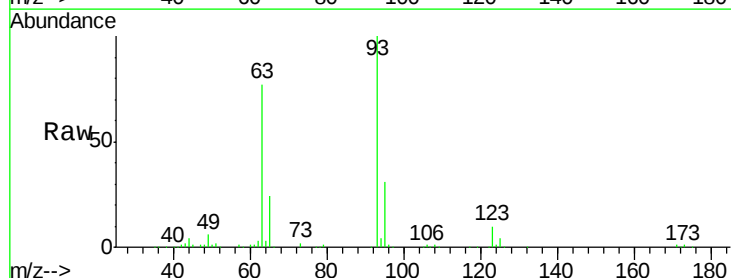
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-030119-AMS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	119.4	91.7	137.5
121	59.2	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.463 ng
 RT: 10.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.3	25.0	37.4
123	10.2	8.6	12.8

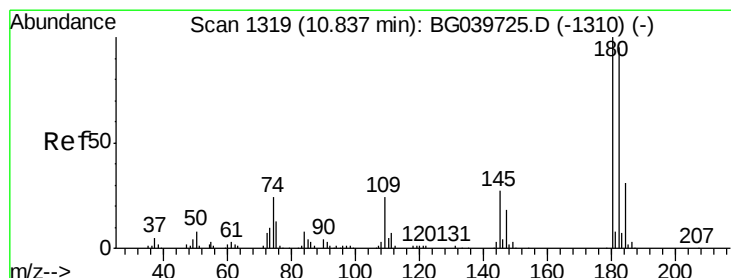
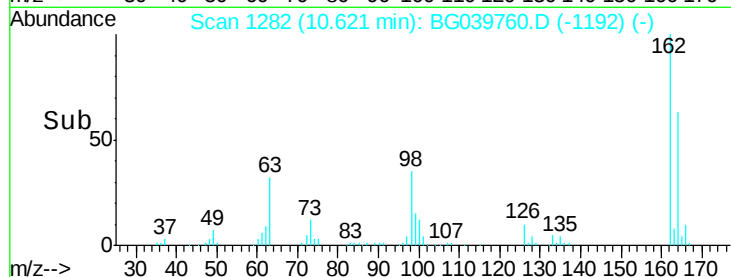
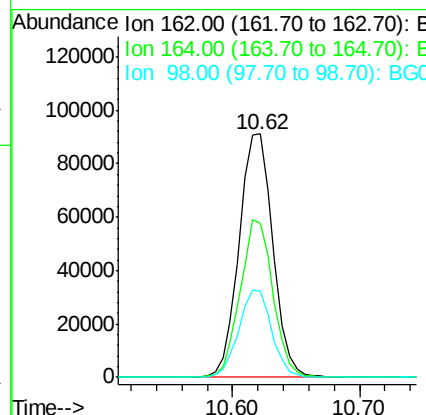
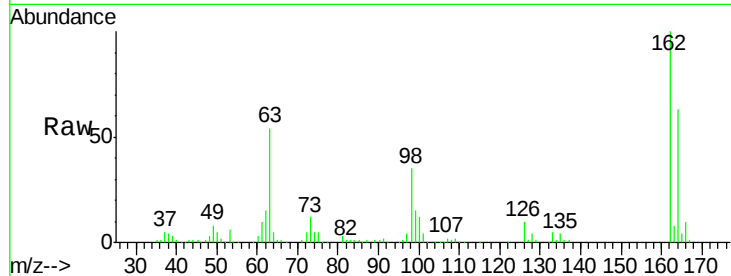




#29
 2,4-Dichlorophenol
 Concen: 51.170 ng
 RT: 10.62 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

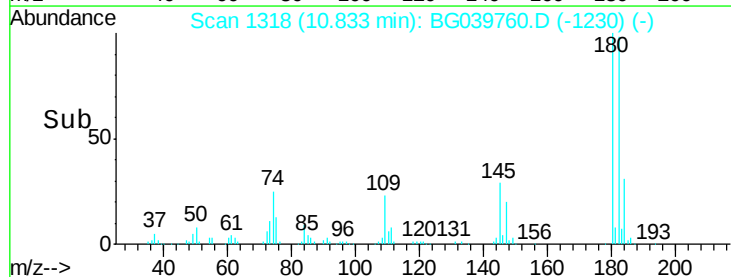
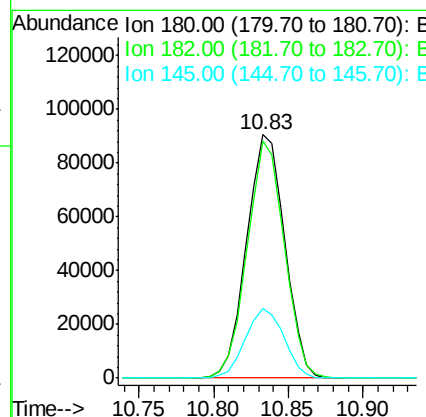
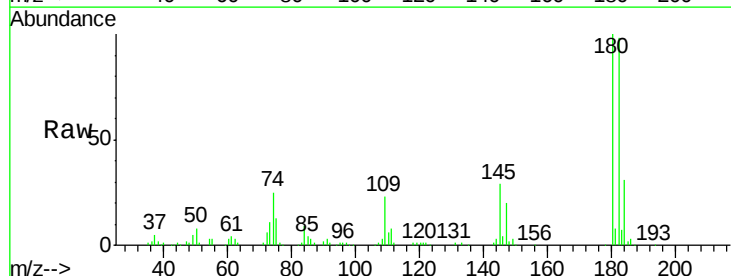
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-030119-AMS

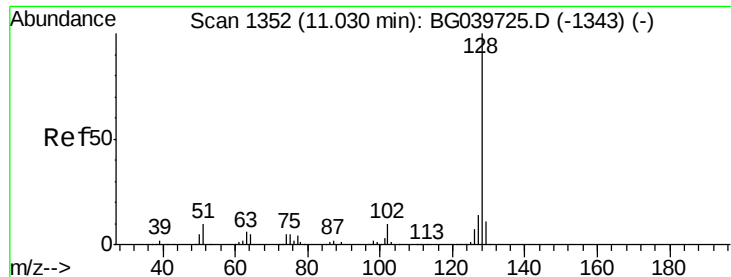
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.4	48.1	88.1
98	35.2	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 43.291 ng
 RT: 10.83 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	76.0	114.0
145	28.6	22.7	34.1

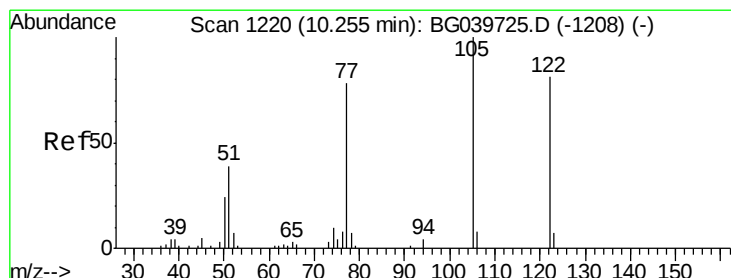
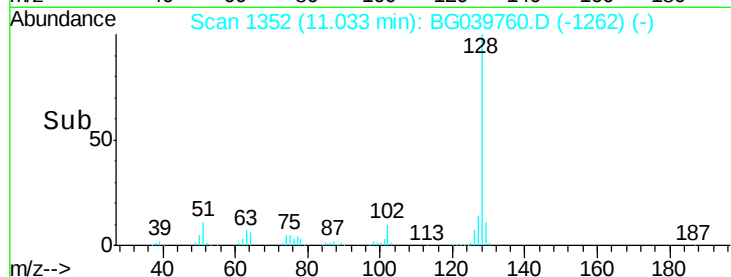
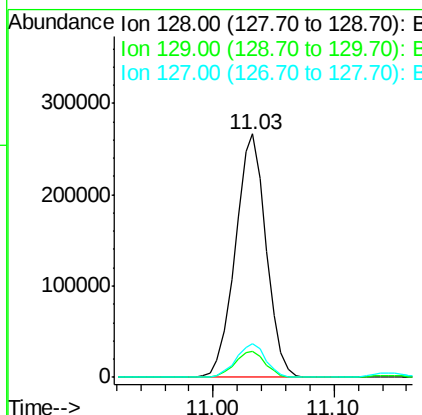
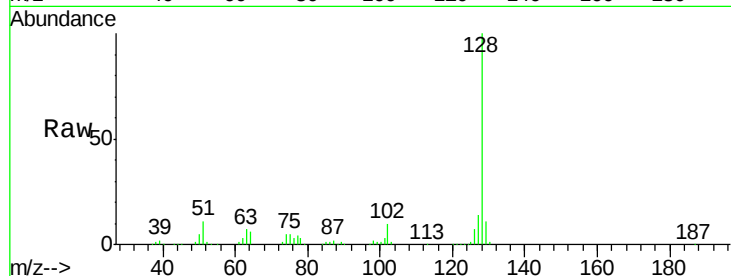




#31
Naphthalene
Concen: 44.367 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

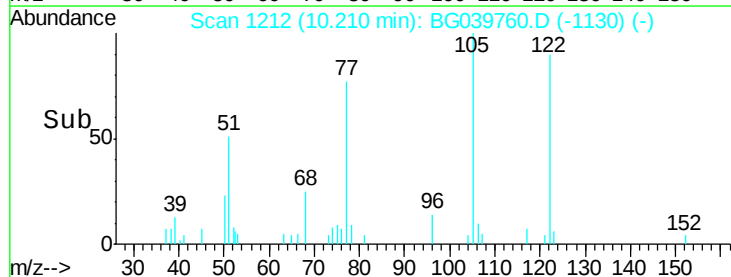
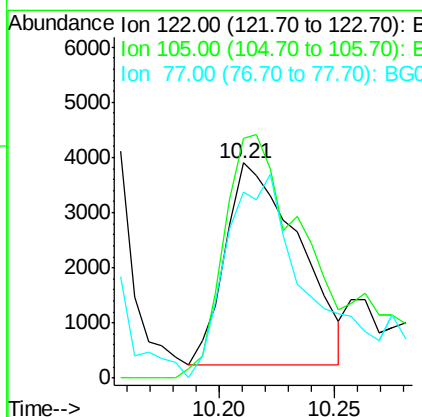
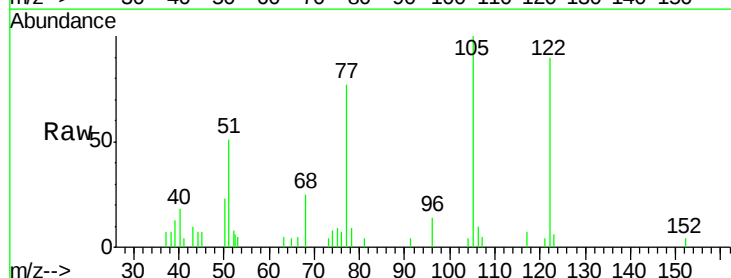
Instrument :
BNA_G
ClientSampleId :
JC-03-030119-AMS

Tgt Ion:128 Resp: 470481
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.7 10.8 16.2



#32
Benzoic acid
Concen: 10.099 ng
RT: 10.21 min Scan# 1212
Delta R.T. -0.05 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Tgt Ion:122 Resp: 8130
Ion Ratio Lower Upper
122 100
105 111.4 101.8 141.8
77 86.2 76.3 116.3

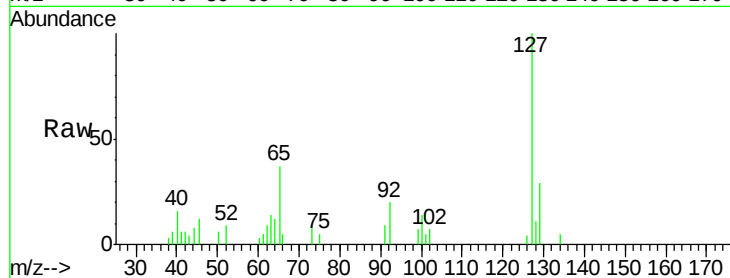




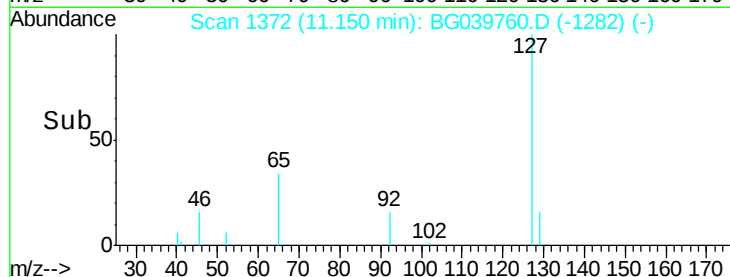
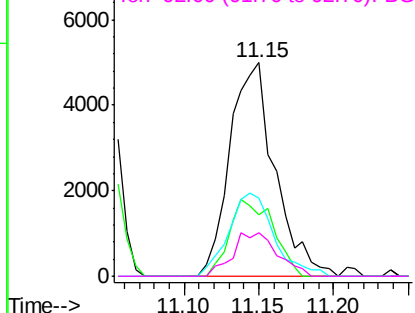
#33
4-Chloroaniline
Concen: 2.335 ng
RT: 11.15 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Instrument :
BNA_G
ClientSampleId :
JC-03-030119-AMS

Tgt Ion:	127	Resp:	10500
Ion	Ratio	Lower	Upper
127	100		
129	28.9	27.0	40.4
65	36.7	28.8	43.2
92	20.3	16.6	25.0

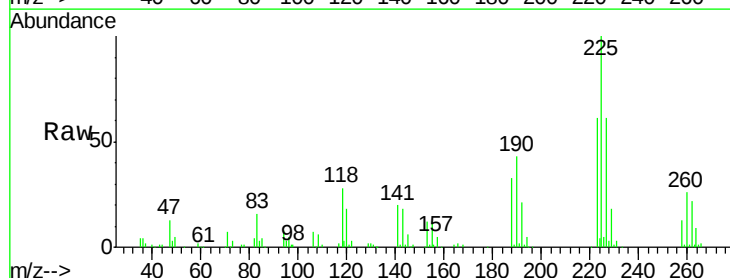


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

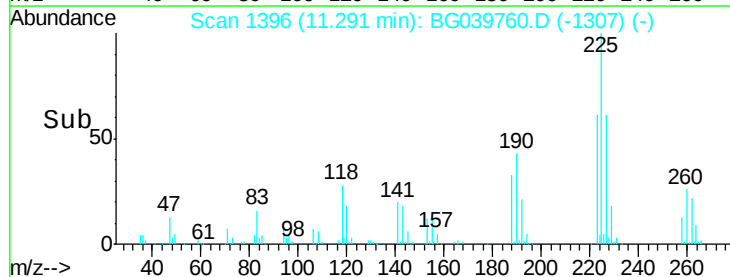
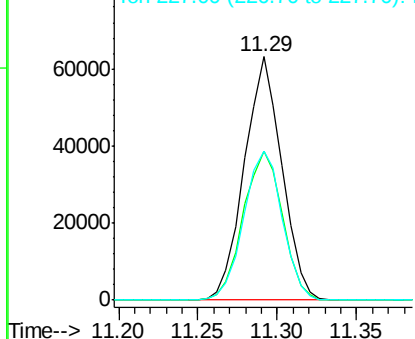


#34
Hexachlorobutadiene
Concen: 40.975 ng
RT: 11.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Tgt Ion:	225	Resp:	103486
Ion	Ratio	Lower	Upper
225	100		
223	61.3	49.0	73.6
227	61.1	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: 18.420 ng

RT: 11.93 min Scan# 1504

Delta R.T. -0.02 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

Instrument :

BNA_G

ClientSampleId :

JC-03-030119-AMS

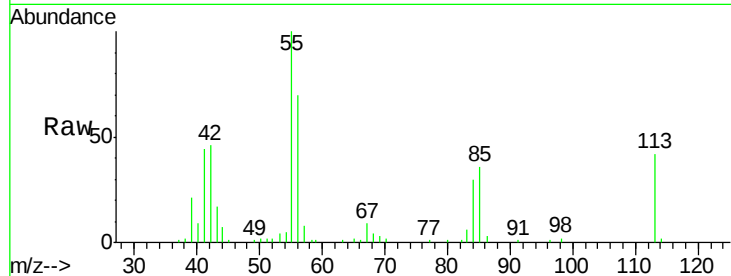
Tgt Ion:113 Resp: 23111

Ion Ratio Lower Upper

113 100

55 238.9 216.9 256.9

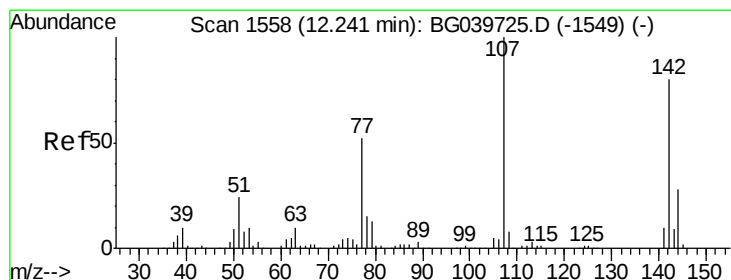
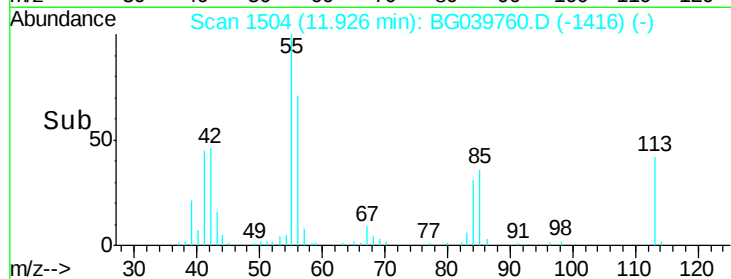
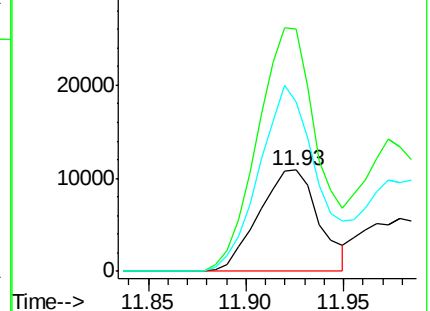
56 167.6 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 49.666 ng

RT: 12.24 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

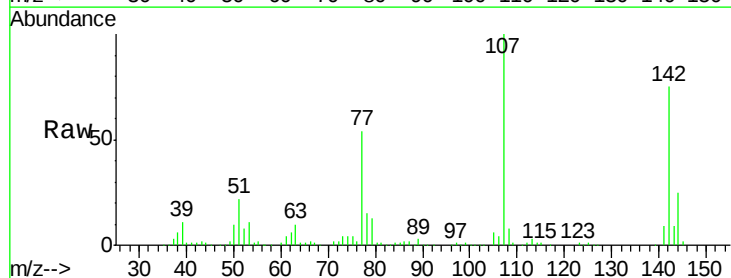
Tgt Ion:107 Resp: 187000

Ion Ratio Lower Upper

107 100

144 24.7 20.2 30.2

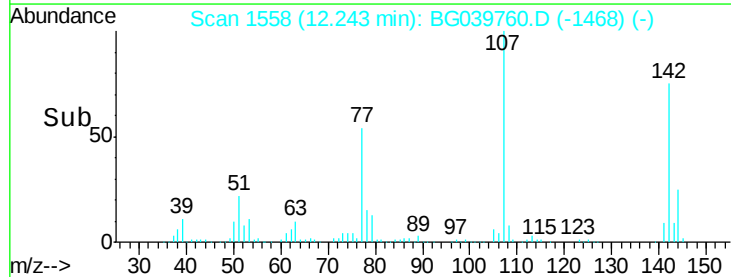
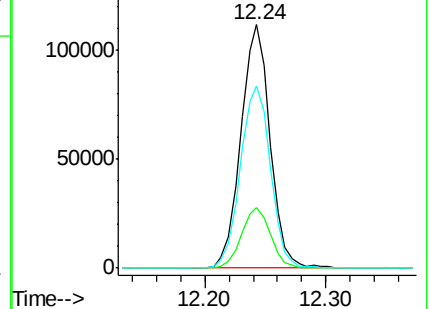
142 74.7 61.4 92.2

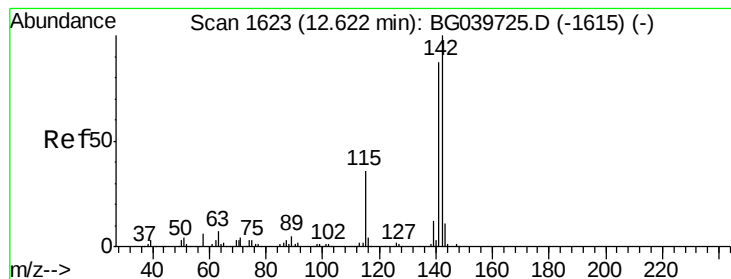


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.571 ng

RT: 12.62 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

Instrument :

BNA_G

ClientSampleId :

JC-03-030119-AMS

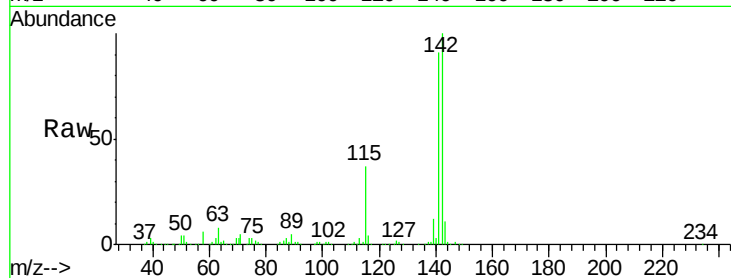
Tgt Ion:142 Resp: 361288

Ion Ratio Lower Upper

142 100

141 90.5 73.5 110.3

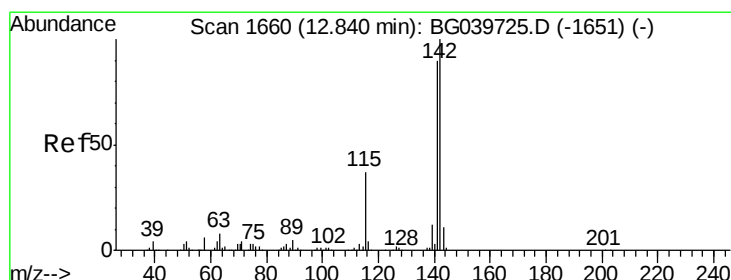
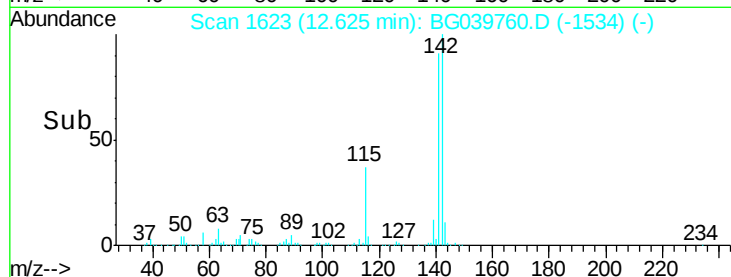
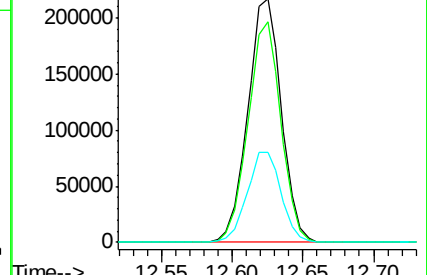
115 37.2 30.8 46.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 45.246 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

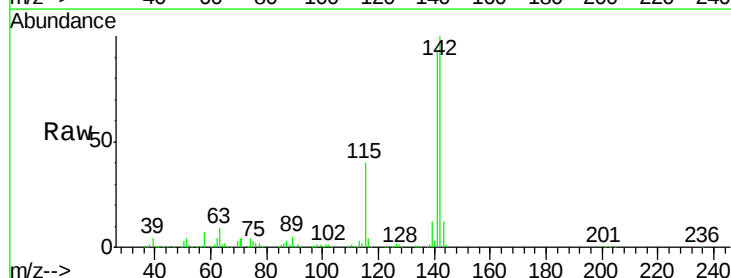
Tgt Ion:142 Resp: 348602

Ion Ratio Lower Upper

142 100

141 93.0 74.2 111.4

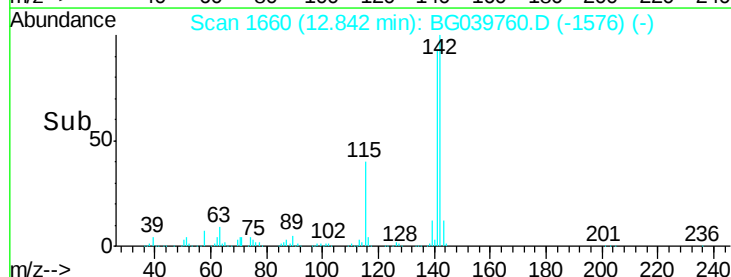
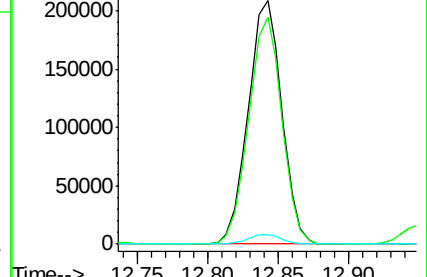
116 3.7 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

Instrument :

BNA_G

ClientSampleId :

JC-03-030119-AMS

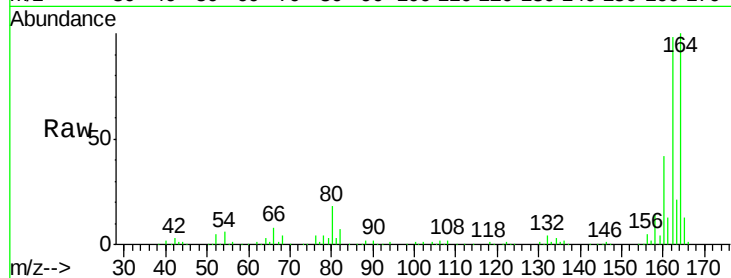
Tgt Ion:164 Resp: 142960

Ion Ratio Lower Upper

164 100

162 97.7 81.6 122.4

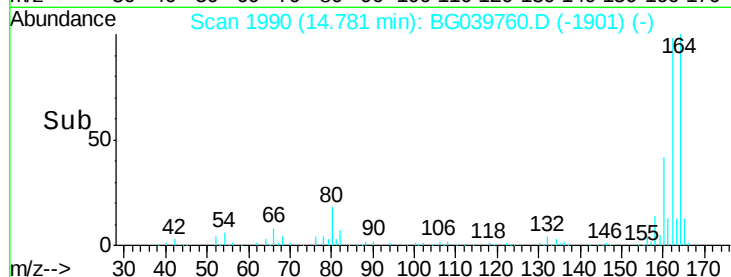
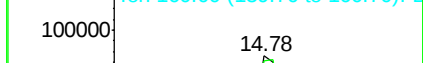
160 41.6 34.2 51.2



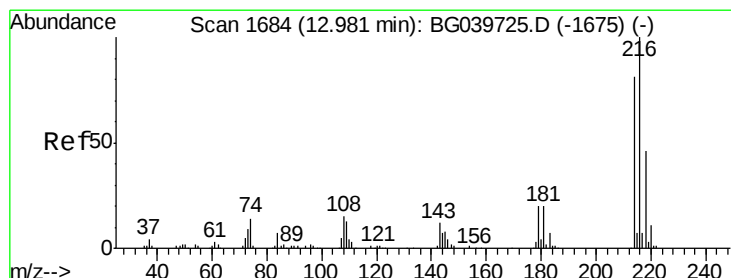
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.966 ng

RT: 12.98 min Scan# 1684

Delta R.T. -0.00 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

Tgt Ion:216 Resp: 203247

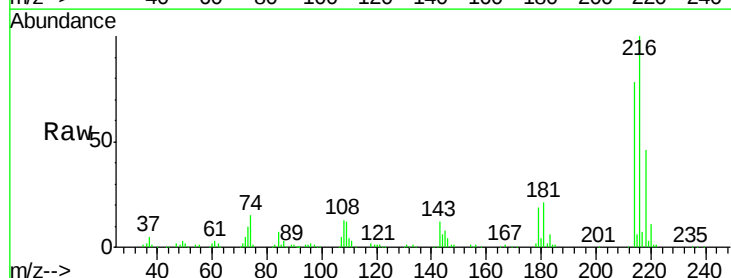
Ion Ratio Lower Upper

216 100

214 77.5 62.6 94.0

179 19.7 16.6 25.0

108 17.6 14.0 21.0

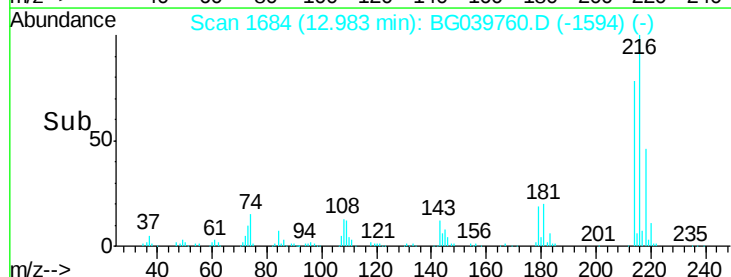


Abundance Ion 216.00 (215.70 to 216.70): E

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



Time-->



#41

Hexachlorocyclopentadiene

Concen: 88.831 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

Instrument :

BNA_G

ClientSampleId :

JC-03-030119-AMS

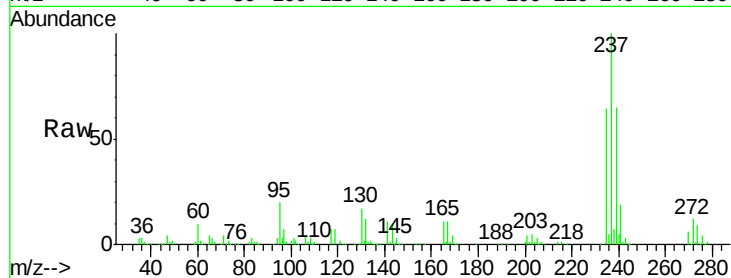
Tgt Ion:237 Resp: 230557

Ion Ratio Lower Upper

237 100

235 64.2 43.3 83.3

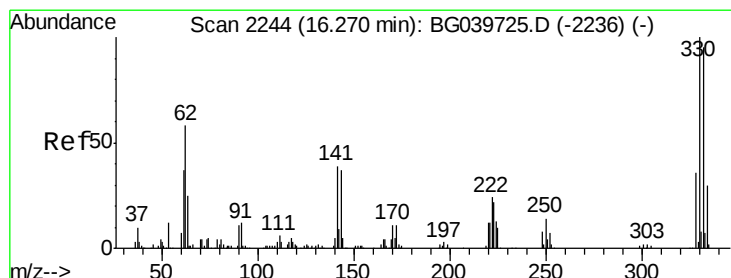
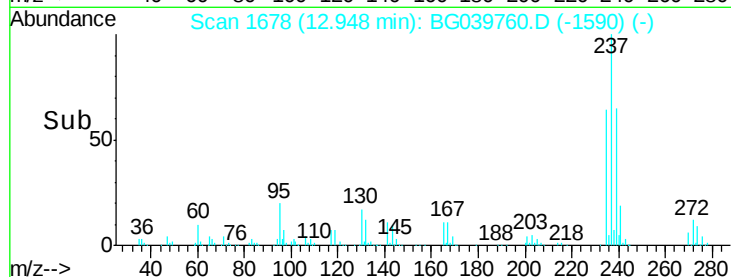
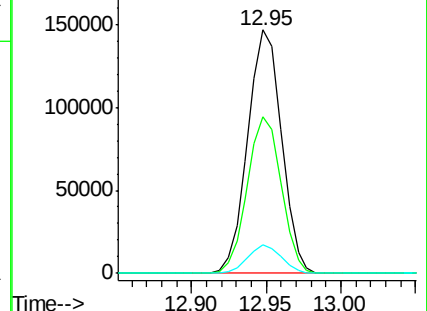
272 11.8 0.0 32.3



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: 157.691 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.00 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

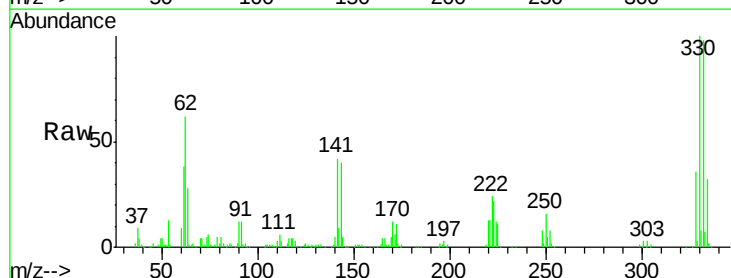
Tgt Ion:330 Resp: 262762

Ion Ratio Lower Upper

330 100

332 96.2 75.7 113.5

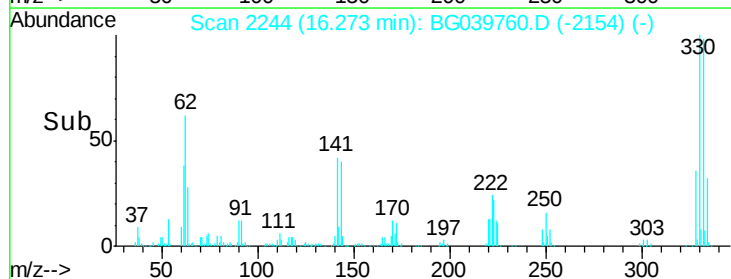
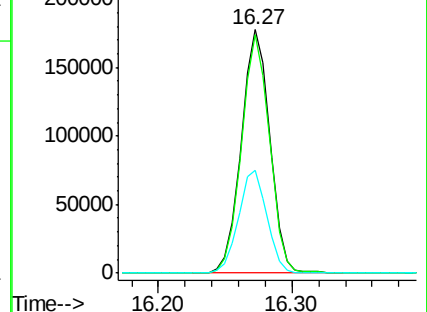
141 42.3 35.6 53.4



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

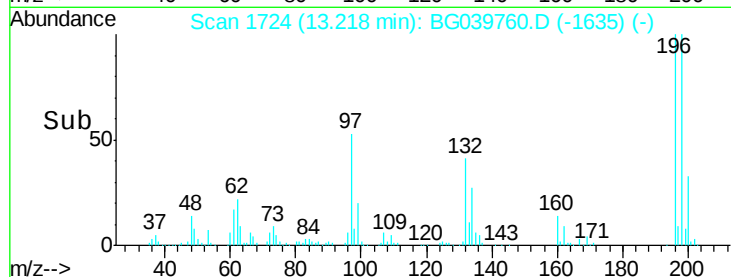
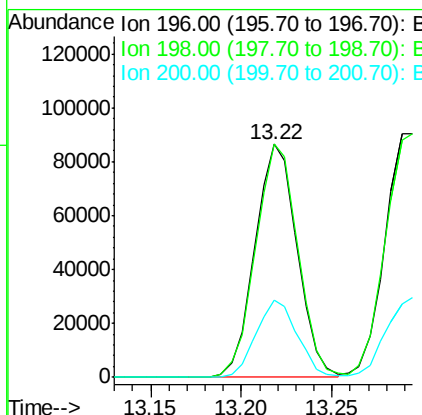
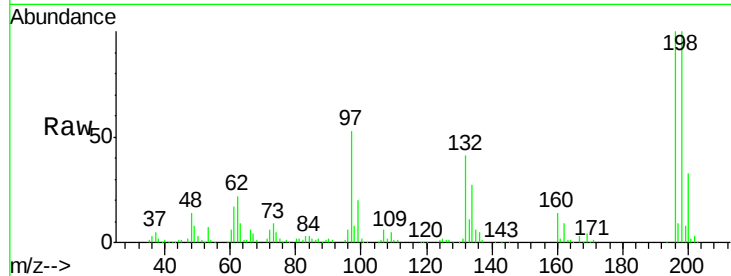




#43
 2,4,6-Trichlorophenol
 Concen: 49.620 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

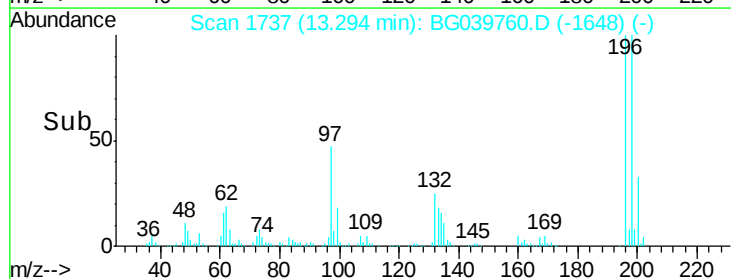
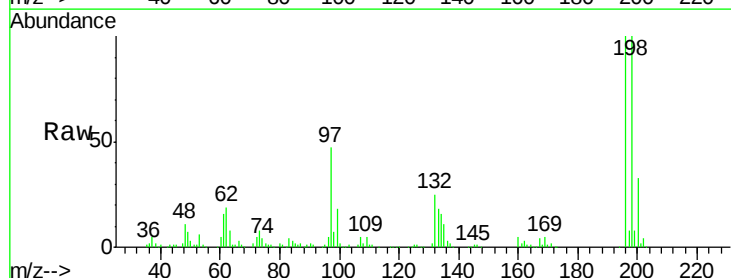
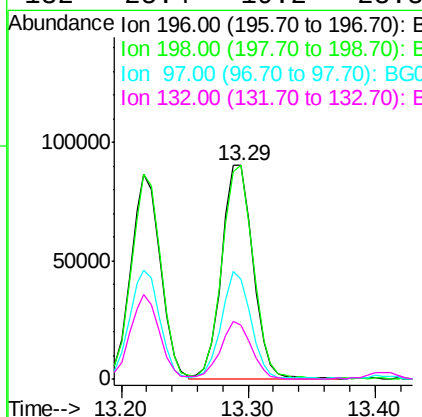
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-030119-AMS

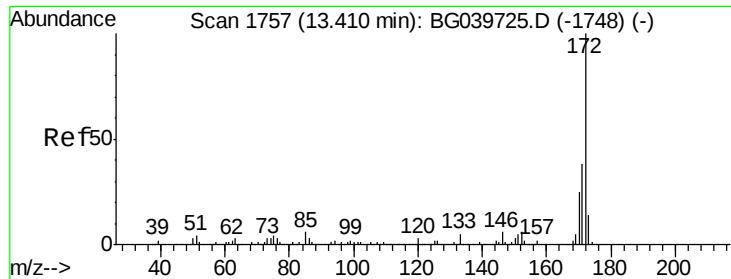
Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.4	80.6	121.0
200	33.0	26.1	39.1



#44
 2,4,5-Trichlorophenol
 Concen: 48.143 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.9	78.5	117.7
97	46.6	38.4	57.6
132	25.4	19.2	28.8

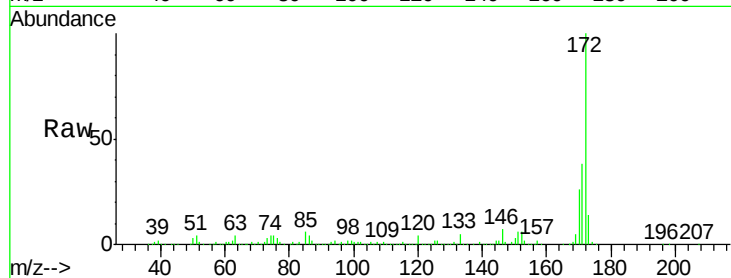




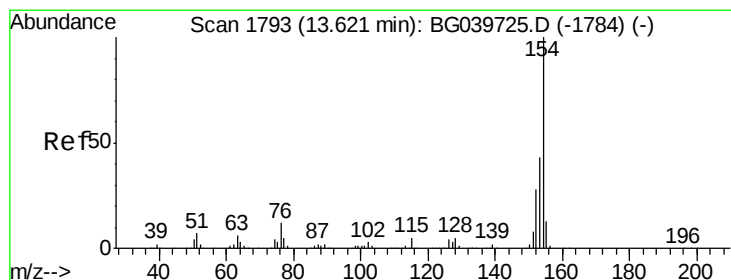
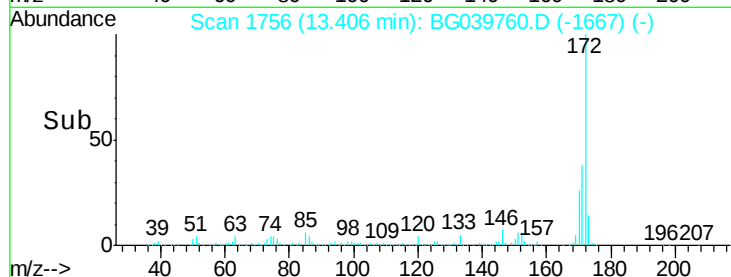
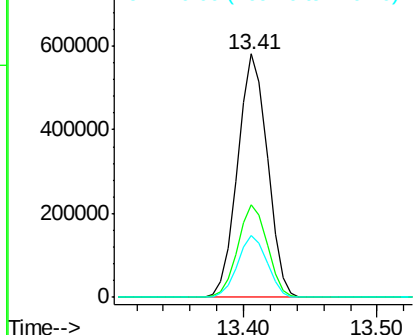
#45
2-Fluorobiphenyl
Concen: 89.402 ng
RT: 13.41 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Instrument :
BNA_G
ClientSampleId :
JC-03-030119-AMS

Tgt Ion:172 Resp: 897640
Ion Ratio Lower Upper
172 100
171 38.2 30.8 46.2
170 25.6 20.2 30.4

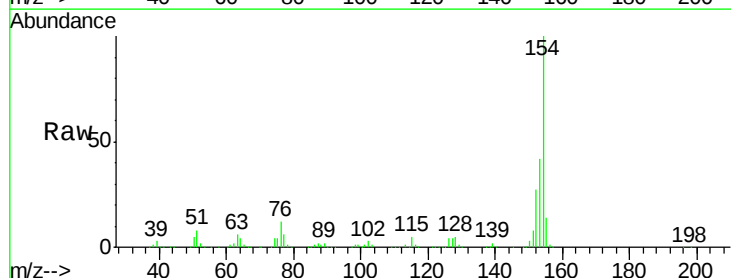


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

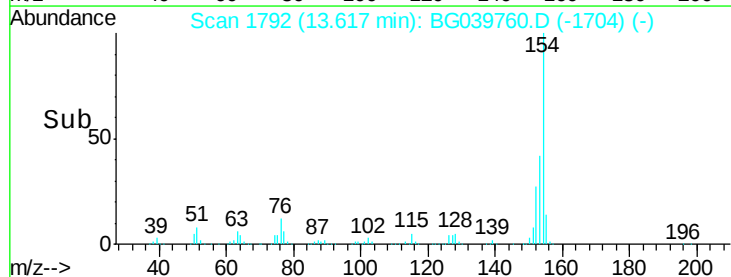
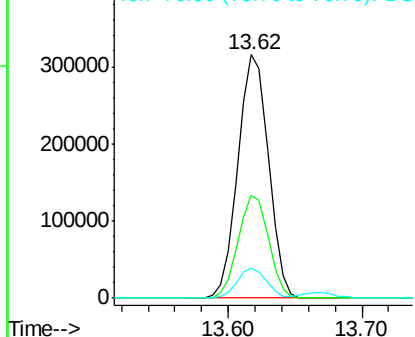


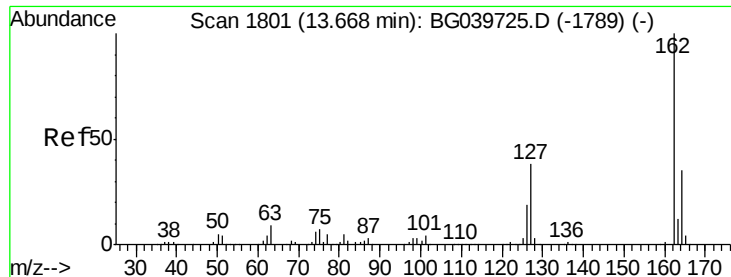
#46
1,1'-Biphenyl
Concen: 42.421 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Tgt Ion:154 Resp: 498803
Ion Ratio Lower Upper
154 100
153 42.5 22.1 62.1
76 12.1 0.0 32.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

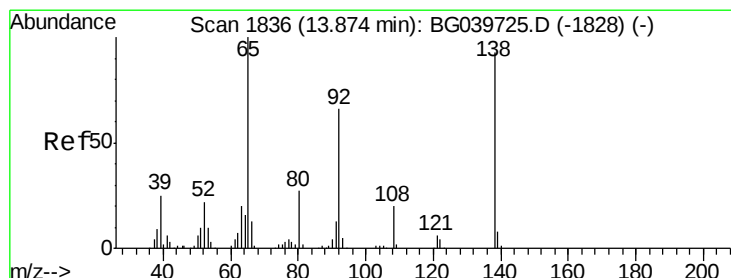
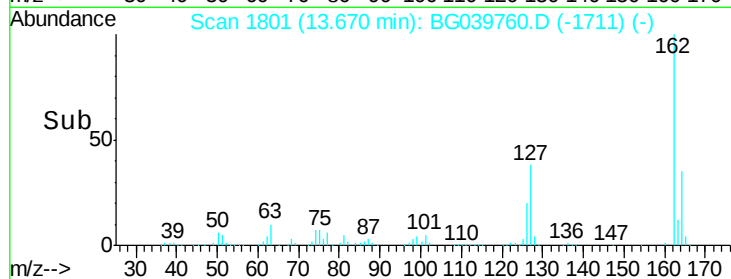
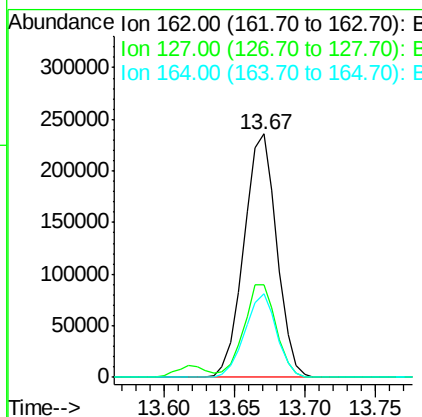
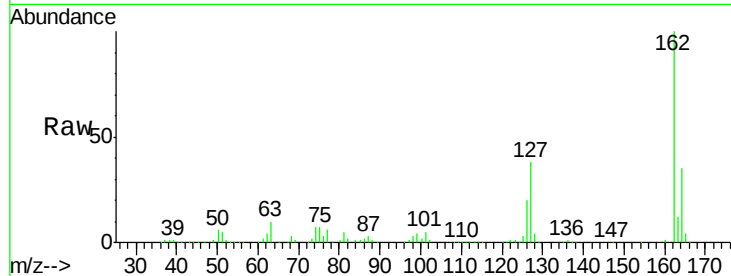




#47
 2-Chloronaphthalene
 Concen: 43.285 ng
 RT: 13.67 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

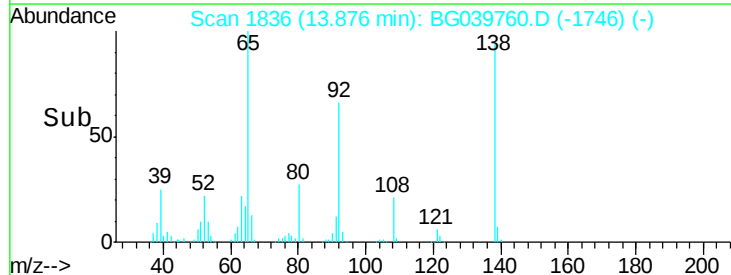
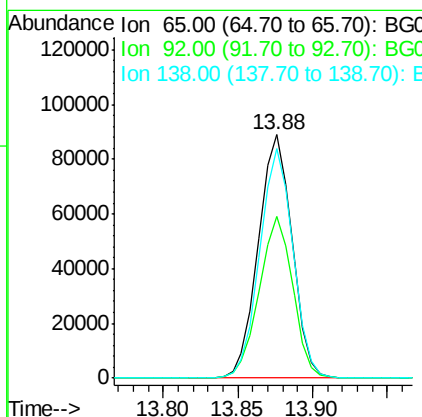
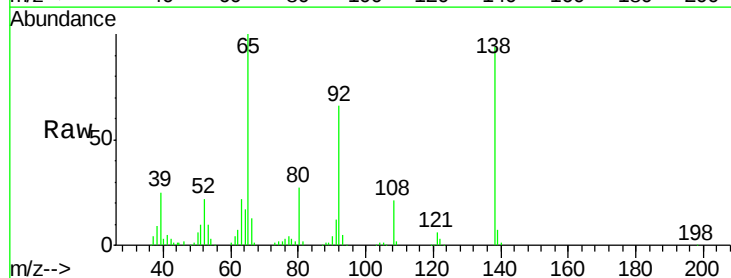
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-030119-AMS

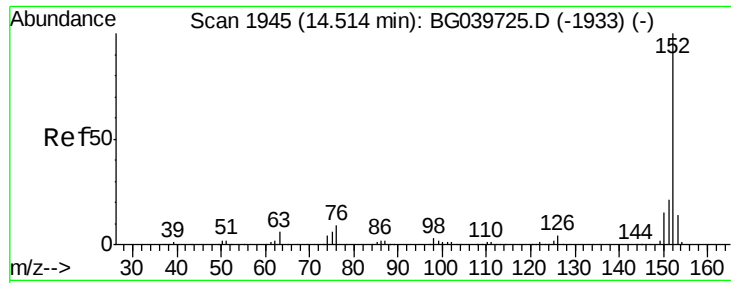
Tgt Ion: 162 Resp: 382884
 Ion Ratio Lower Upper
 162 100
 127 37.8 31.0 46.6
 164 34.5 25.7 38.5



#48
 2-Nitroaniline
 Concen: 48.848 ng
 RT: 13.88 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

Tgt Ion: 65 Resp: 138860
 Ion Ratio Lower Upper
 65 100
 92 66.4 51.4 77.2
 138 94.4 71.4 107.2





#49

Acenaphthylene

Concen: 42.906 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

Instrument :

BNA_G

ClientSampleId :

JC-03-030119-AMS

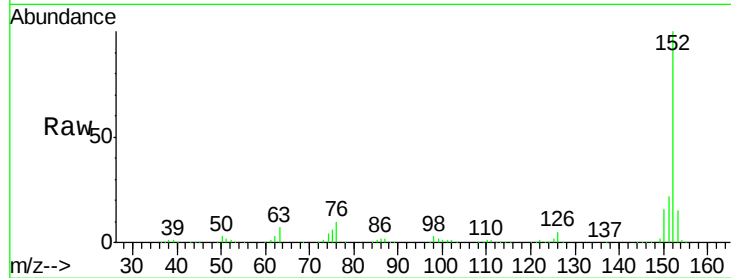
Tgt Ion:152 Resp: 623047

Ion Ratio Lower Upper

152 100

151 22.0 16.8 25.2

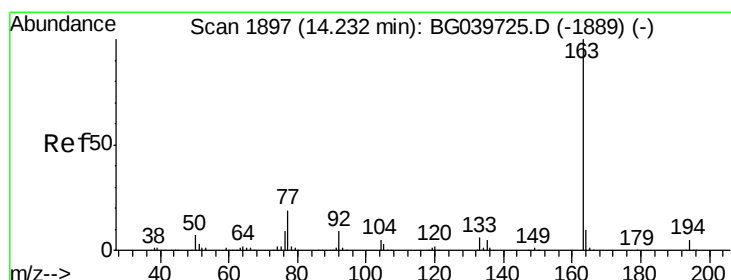
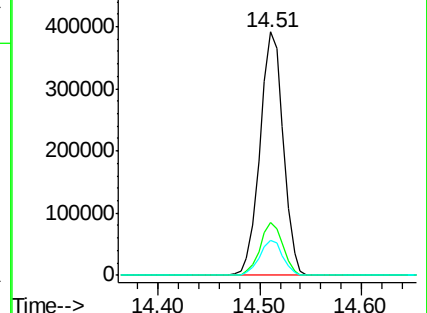
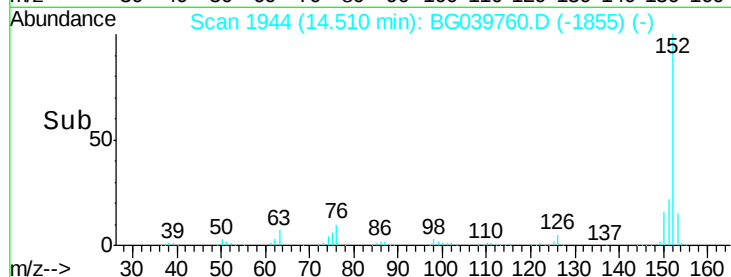
153 14.6 11.7 17.5



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: 44.834 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

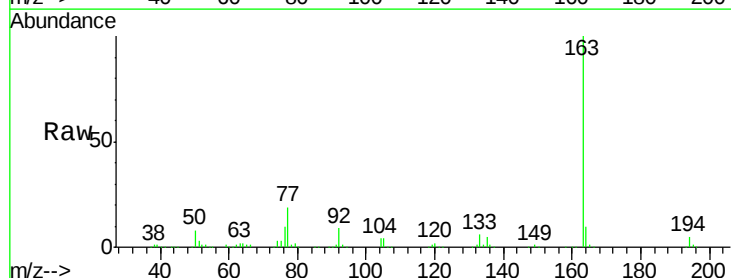
Tgt Ion:163 Resp: 535953

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

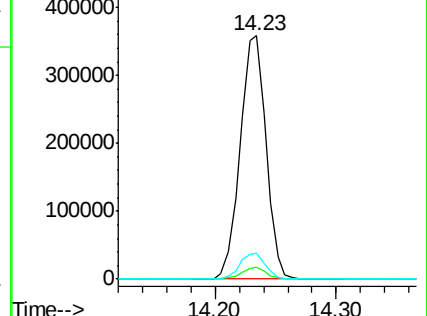
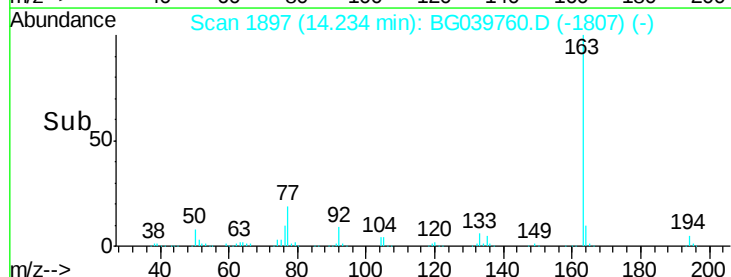
164 10.4 8.4 12.6



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

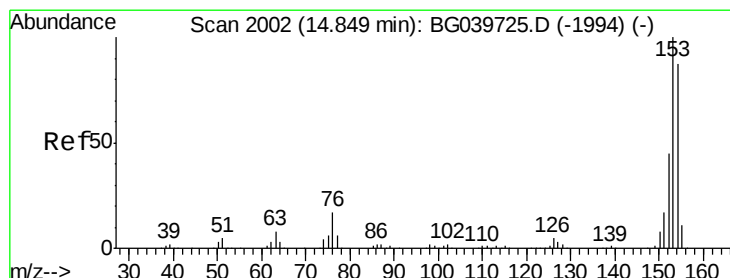
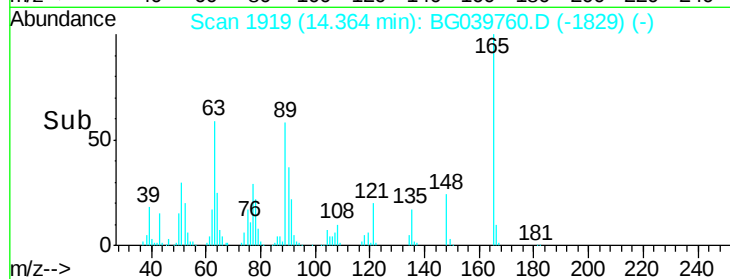
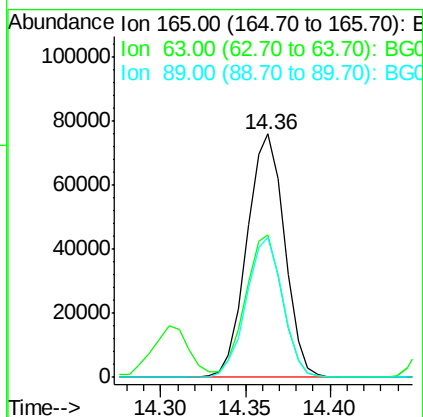
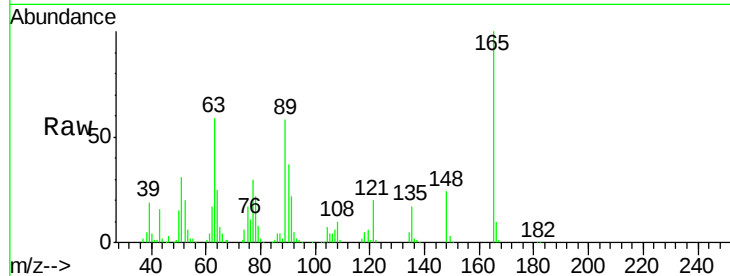




#51
2,6-Dinitrotoluene
Concen: 46.216 ng
RT: 14.36 min Scan# 1919
Delta R.T. -0.00 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

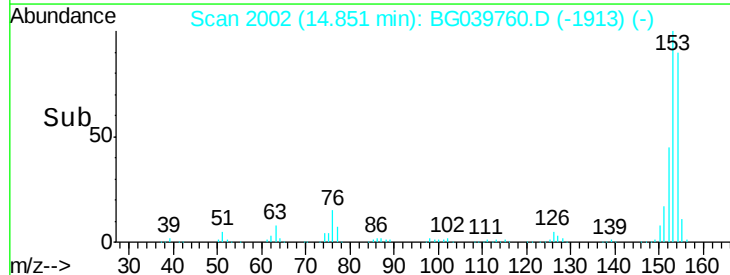
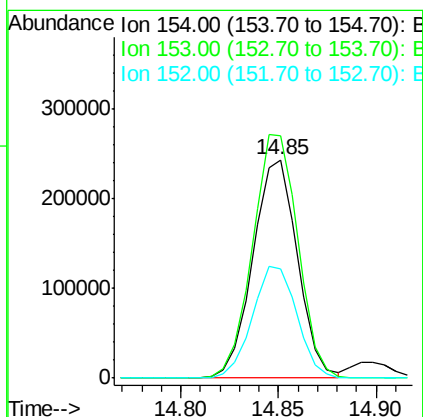
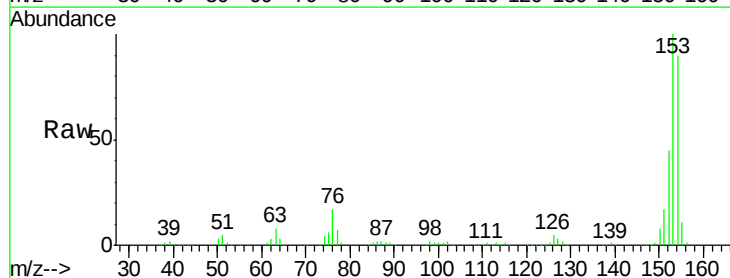
Instrument :
BNA_G
ClientSampleId :
JC-03-030119-AMS

Tgt Ion:165 Resp: 117121
Ion Ratio Lower Upper
165 100
63 58.7 47.0 70.6
89 57.6 45.8 68.8



#52
Acenaphthene
Concen: 43.905 ng
RT: 14.85 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Tgt Ion:154 Resp: 383721
Ion Ratio Lower Upper
154 100
153 111.2 90.1 135.1
152 50.3 40.9 61.3

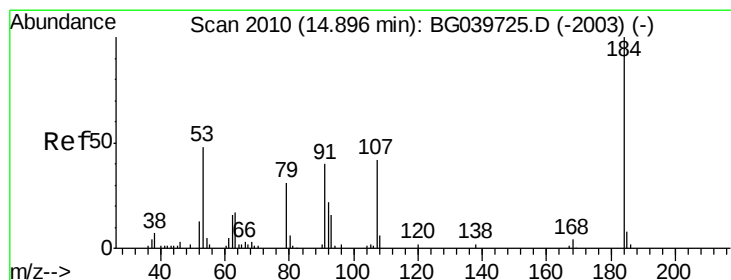
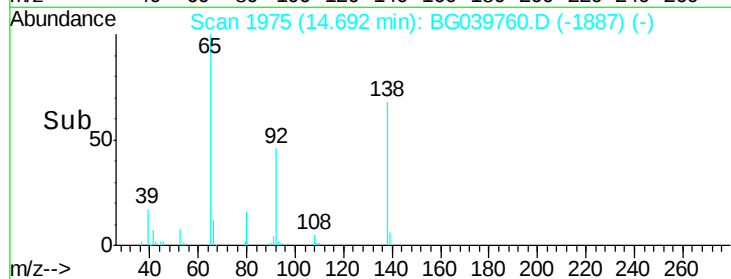
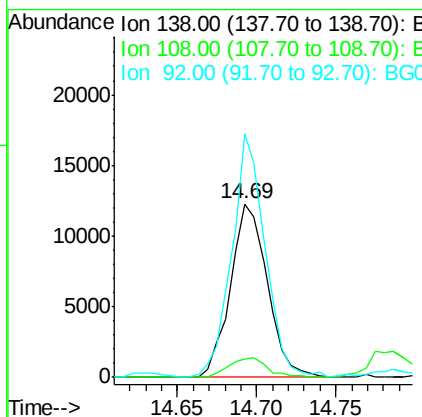
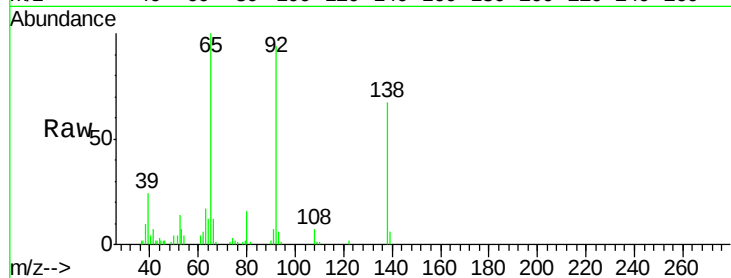




#53
 3-Nitroaniline
 Concen: 7.798 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

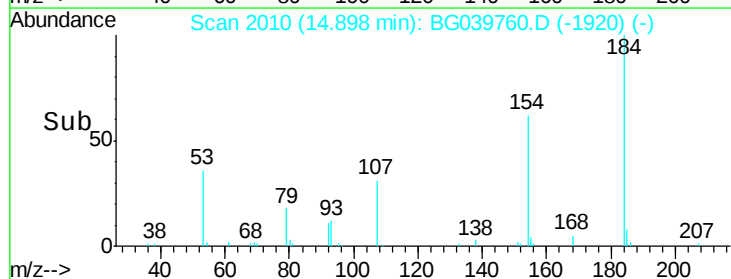
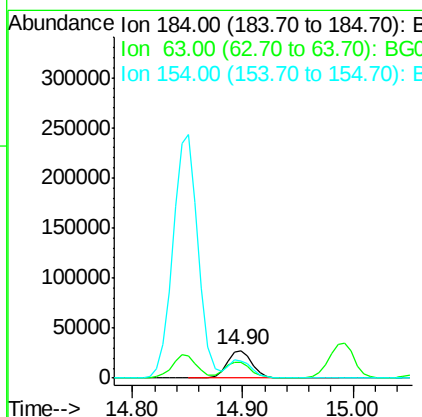
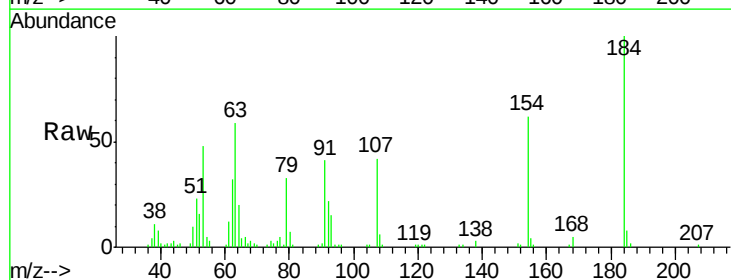
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-030119-AMS

Tgt Ion:138 Resp: 19866
 Ion Ratio Lower Upper
 138 100
 108 10.7 13.8 20.8#
 92 140.3 103.7 155.5



#54
 2,4-Dinitrophenol
 Concen: 31.404 ng
 RT: 14.90 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

Tgt Ion:184 Resp: 44728
 Ion Ratio Lower Upper
 184 100
 63 59.4 50.9 76.3
 154 62.2 53.0 79.6





#55

Dibenzenofuran

Concen: 43.693 ng

RT: 15.18 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

Instrument :

BNA_G

ClientSampleId :

JC-03-030119-AMS

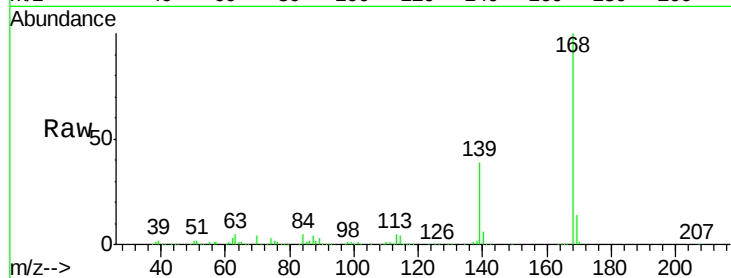
Tgt Ion:168 Resp: 626526

Ion Ratio Lower Upper

168 100

139 39.1 30.1 45.1

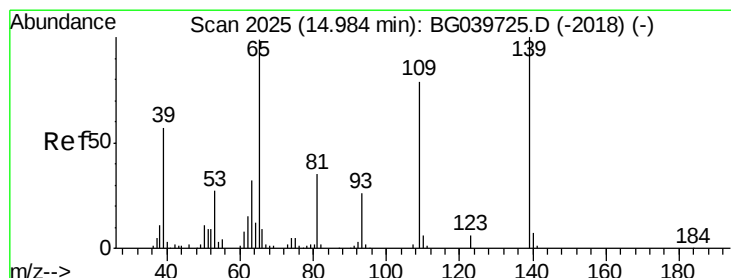
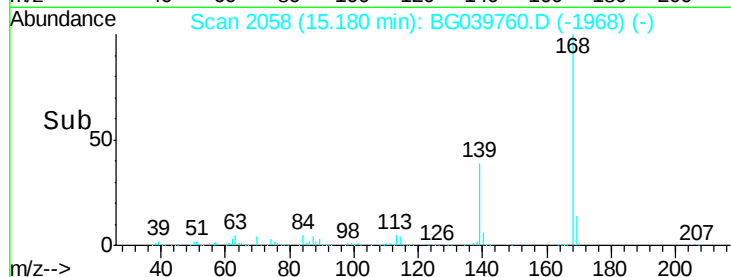
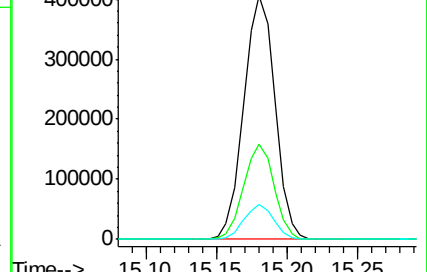
169 14.3 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 79.897 ng

RT: 14.99 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

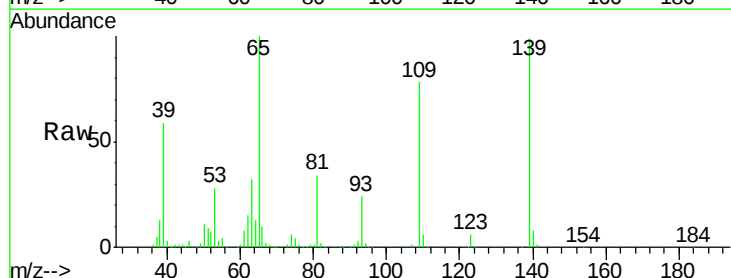
Tgt Ion:139 Resp: 182074

Ion Ratio Lower Upper

139 100

109 78.7 61.9 101.9

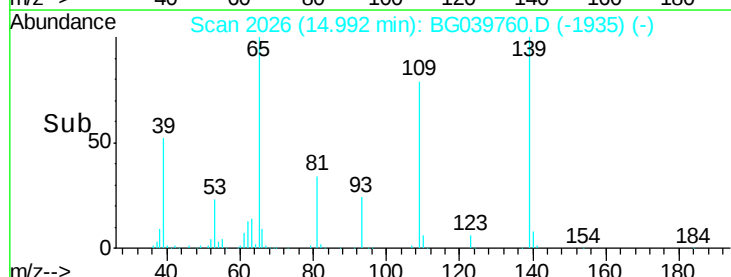
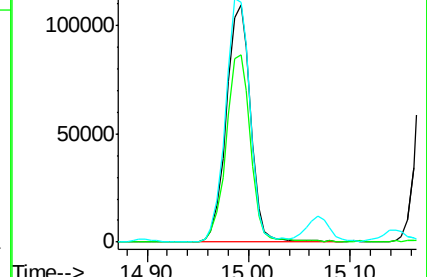
65 101.3 99.1 139.1

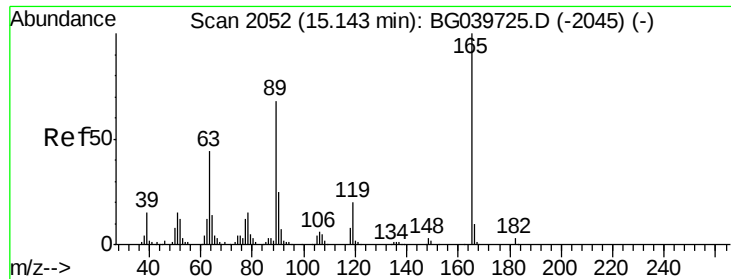


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

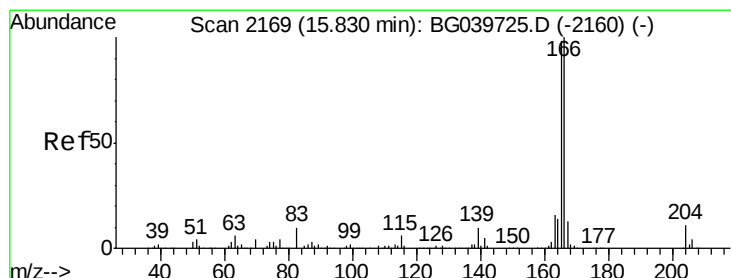
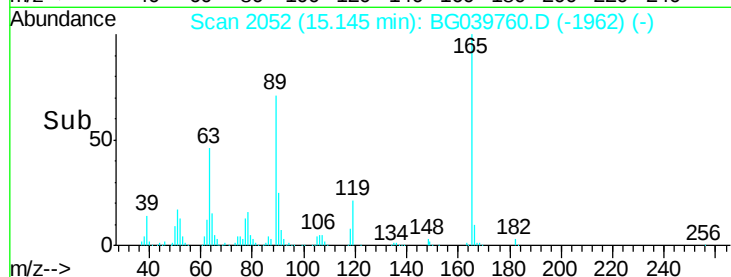
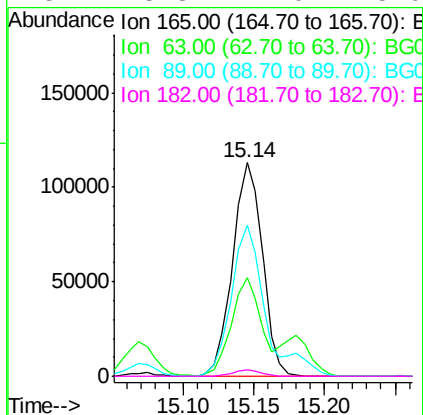
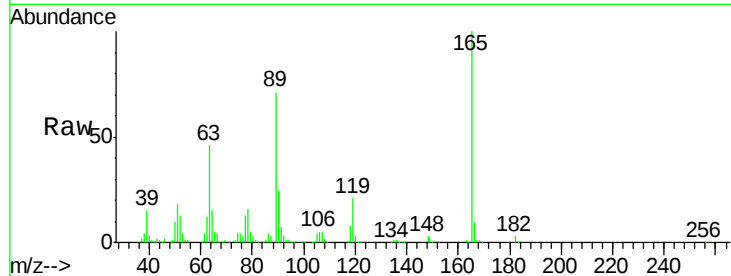




#57
 2,4-Dinitrotoluene
 Concen: 46.869 ng
 RT: 15.14 min Scan# 2052
 Delta R.T. -0.00 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

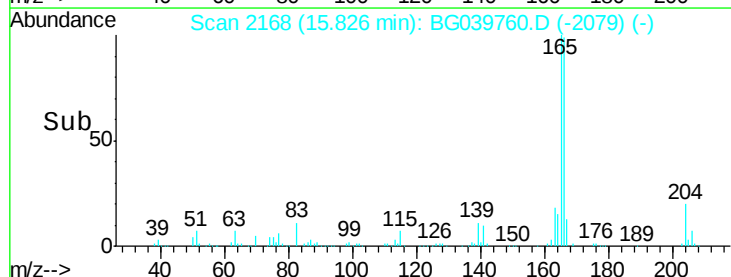
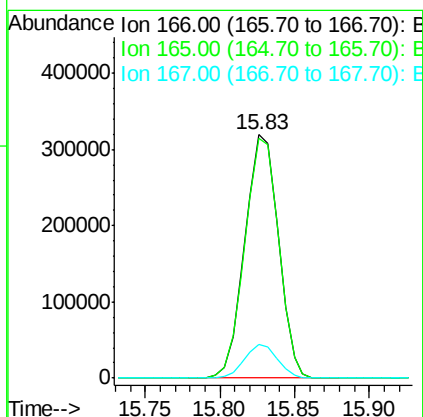
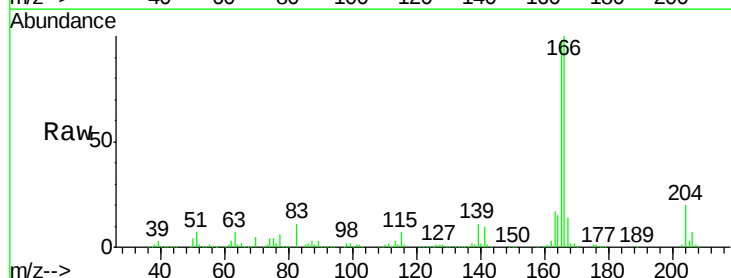
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-030119-AMS

Tgt Ion:165 Resp: 166894
 Ion Ratio Lower Upper
 165 100
 63 46.3 41.0 61.6
 89 70.8 64.6 96.8
 182 3.3 2.0 3.0#



#58
 Fluorene
 Concen: 44.174 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. -0.01 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

Tgt Ion:166 Resp: 497960
 Ion Ratio Lower Upper
 166 100
 165 98.3 77.9 116.9
 167 13.9 10.8 16.2

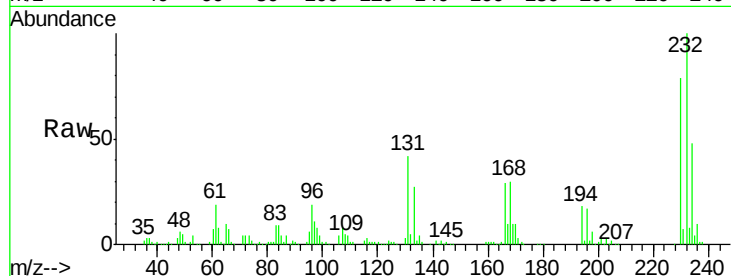




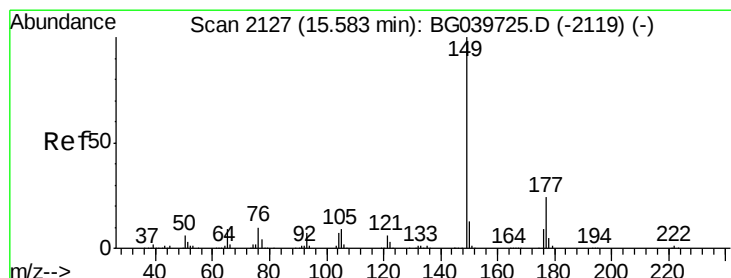
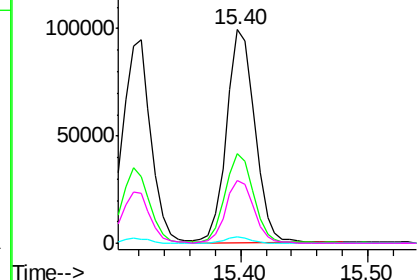
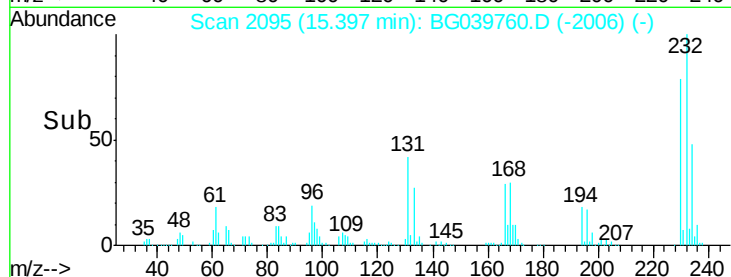
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.990 ng
 RT: 15.40 min Scan# 2095
 Delta R.T. -0.00 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-030119-AMS

Tgt Ion:	232	Resp:	152915
Ion	Ratio	Lower	Upper
232	100		
131	42.0	34.9	52.3
130	2.6	2.0	3.0
166	29.3	24.1	36.1

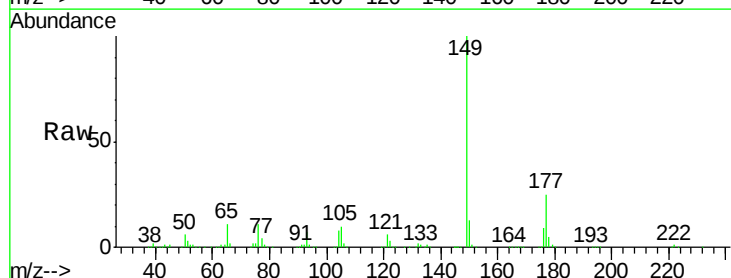


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

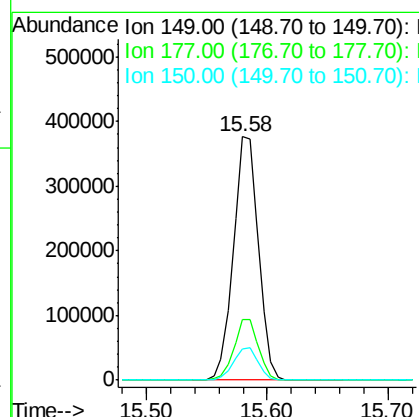
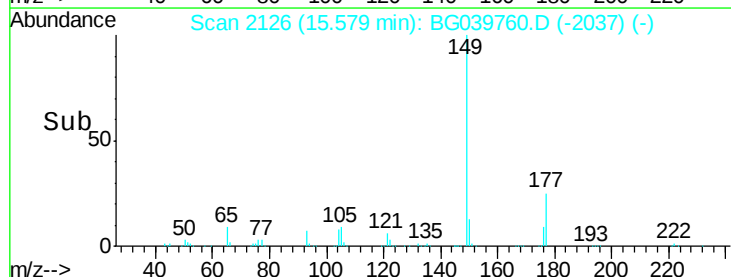


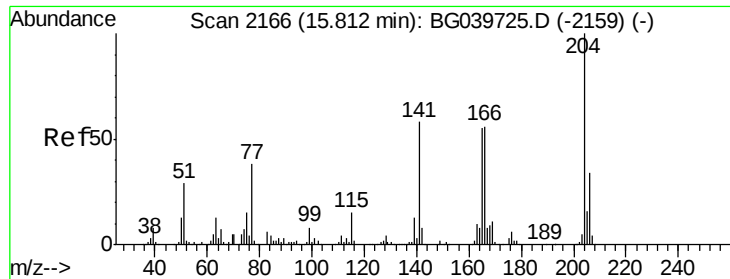
#60
 Diethylphthalate
 Concen: 45.740 ng
 RT: 15.58 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

Tgt Ion:	149	Resp:	541281
Ion	Ratio	Lower	Upper
149	100		
177	24.7	18.3	27.5
150	13.1	10.2	15.2



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

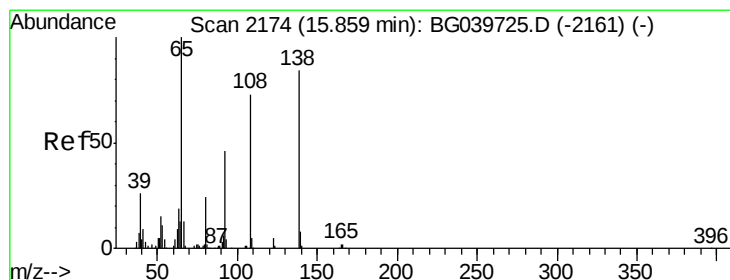
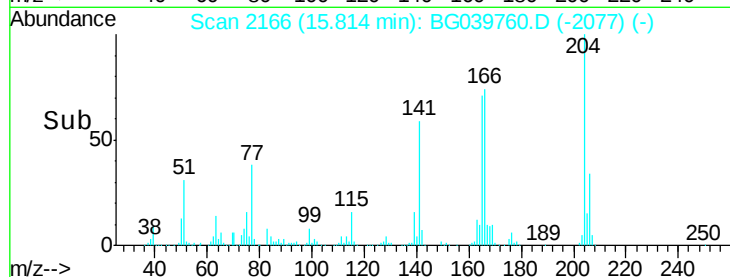
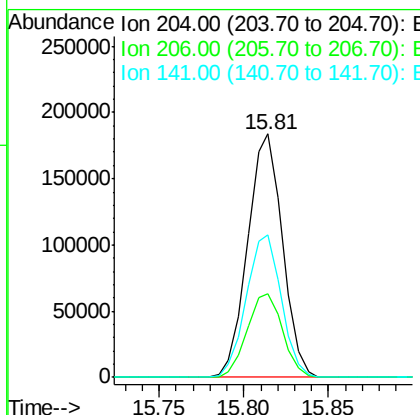
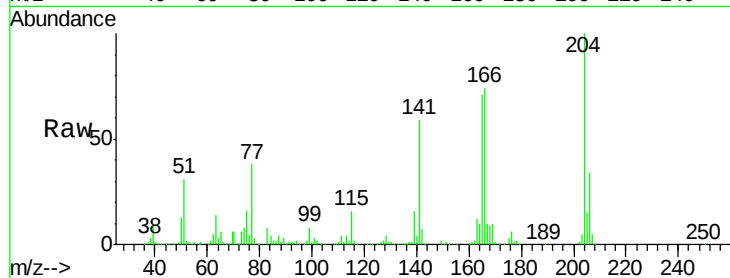




#61
 4-Chlorophenyl-phenylether
 Concen: 43.728 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

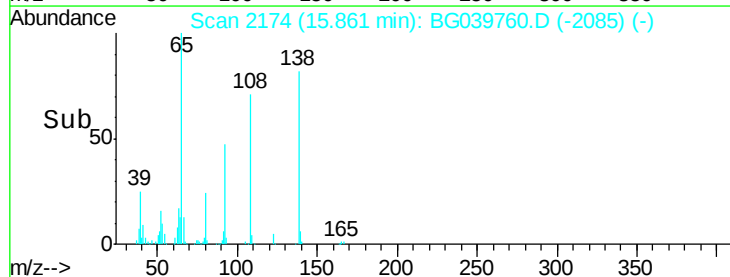
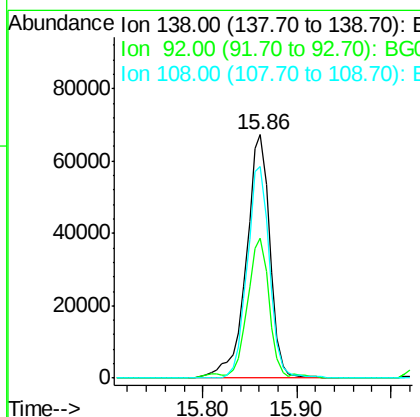
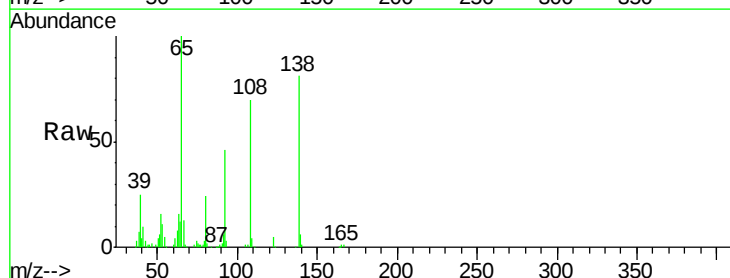
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-030119-AMS

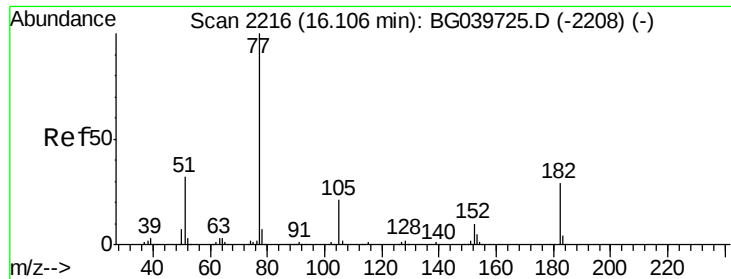
Tgt Ion: 204 Resp: 263043
 Ion Ratio Lower Upper
 204 100
 206 34.1 29.2 43.8
 141 58.7 49.0 73.4



#62
 4-Nitroaniline
 Concen: 42.448 ng
 RT: 15.86 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

Tgt Ion: 138 Resp: 117228
 Ion Ratio Lower Upper
 138 100
 92 57.6 38.7 78.7
 108 86.9 74.6 114.6





#63

Azobenzene

Concen: 45.460 ng

RT: 16.11 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

Instrument :

BNA_G

ClientSampleId :

JC-03-030119-AMS

Tgt Ion: 77 Resp: 487648

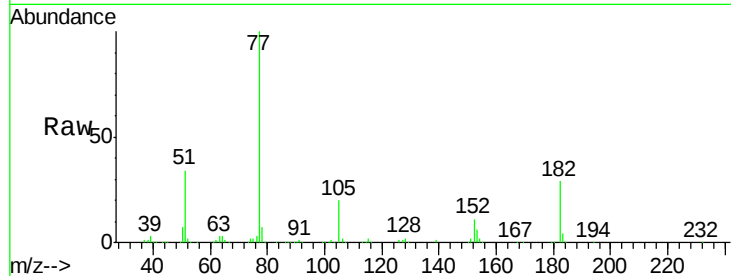
Ion Ratio Lower Upper

77 100

182 29.1 6.4 46.4

105 19.9 0.0 39.8

51 33.9 14.1 54.1

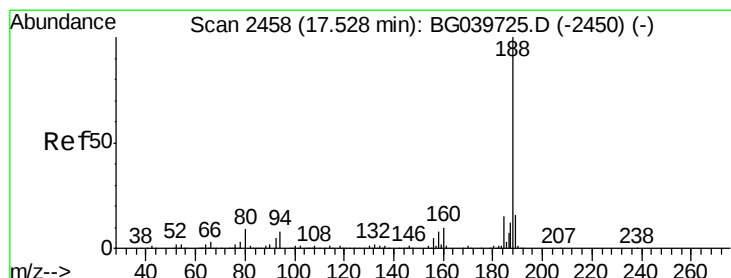
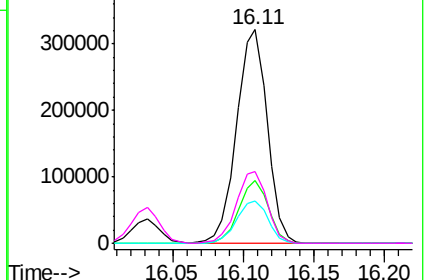
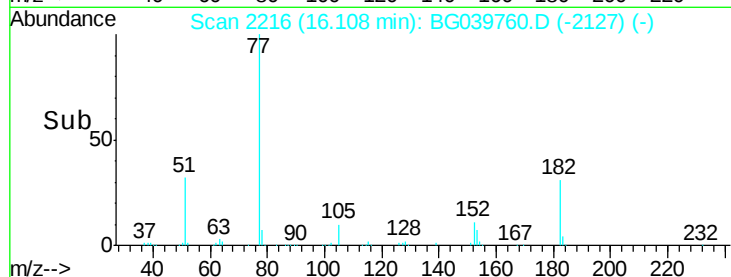


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.53 min Scan# 2458

Delta R.T. -0.00 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

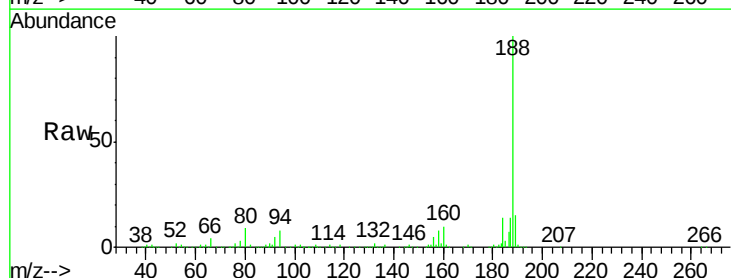
Tgt Ion: 188 Resp: 345632

Ion Ratio Lower Upper

188 100

94 7.6 6.9 10.3

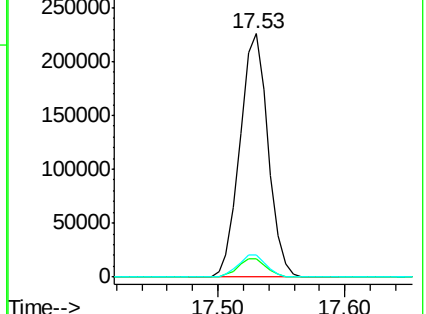
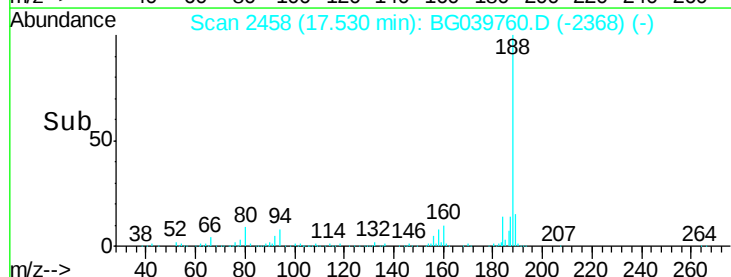
80 9.3 8.1 12.1

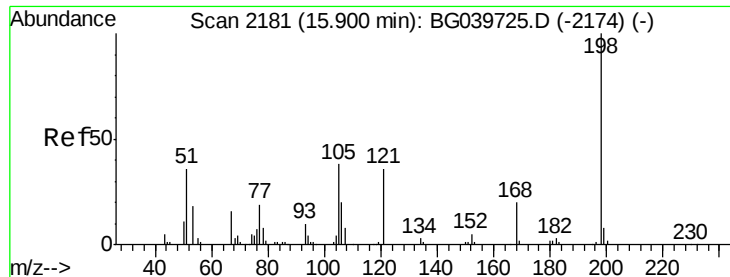


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

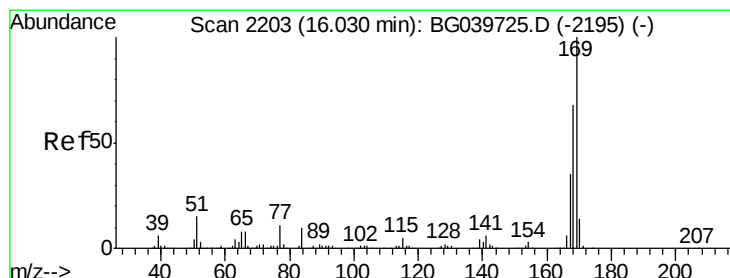
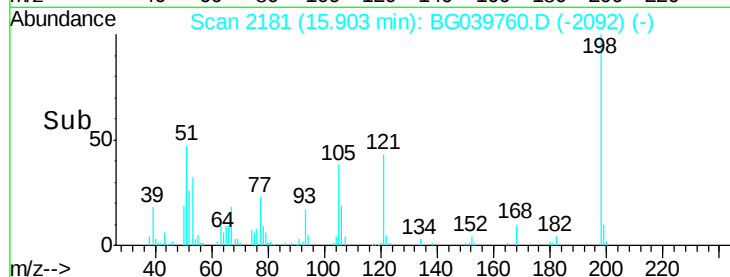
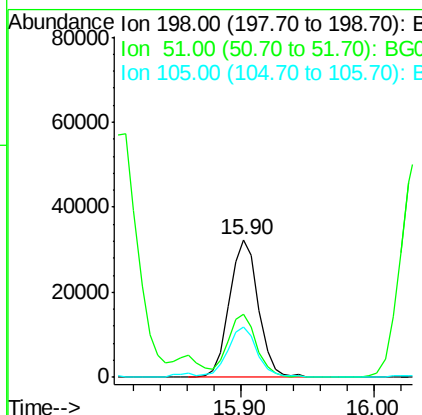
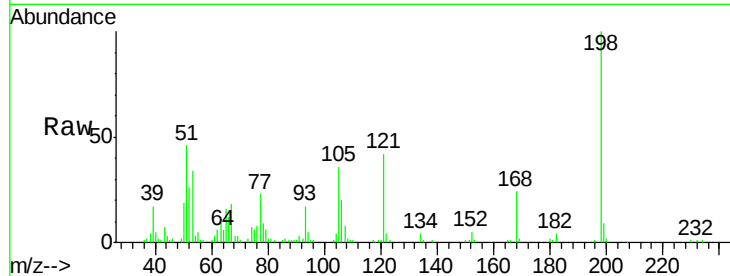




#65
 4,6-Dinitro-2-methylphenol
 Concen: 23.878 ng
 RT: 15.90 min Scan# 2181
 Delta R.T. -0.00 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

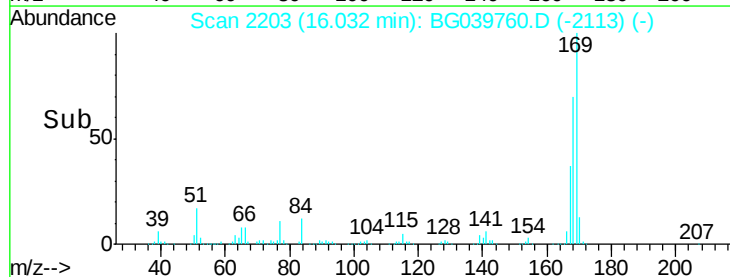
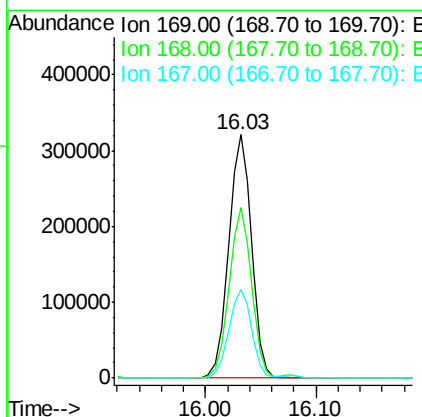
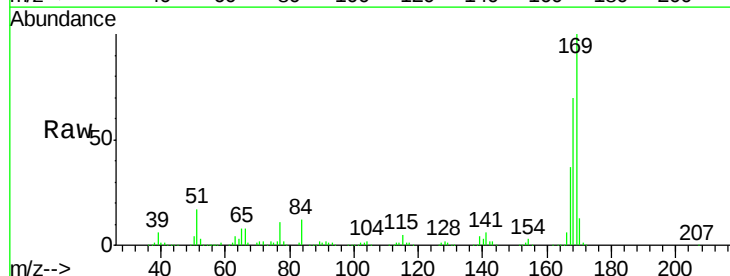
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-030119-AMS

Tgt Ion:198 Resp: 48798
 Ion Ratio Lower Upper
 198 100
 51 45.9 27.4 67.4
 105 36.4 19.7 59.7



#66
 n-Nitrosodiphenylamine
 Concen: 46.376 ng
 RT: 16.03 min Scan# 2203
 Delta R.T. -0.00 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

Tgt Ion:169 Resp: 464042
 Ion Ratio Lower Upper
 169 100
 168 70.1 56.6 85.0
 167 36.6 28.8 43.2

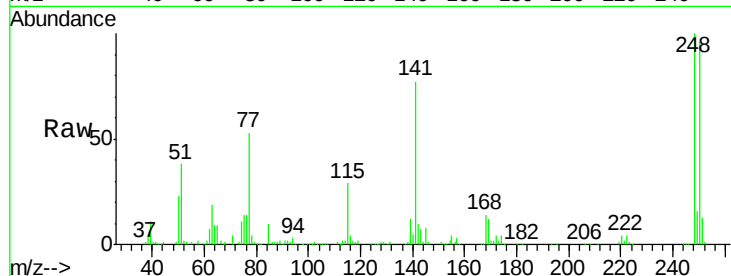




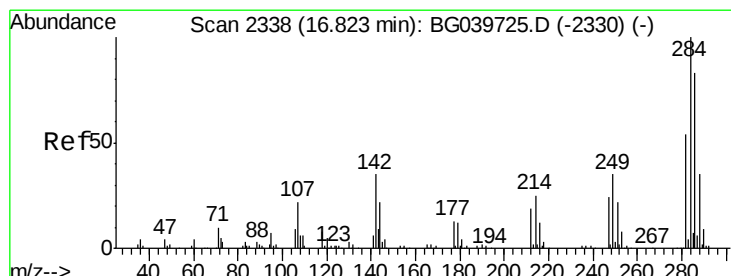
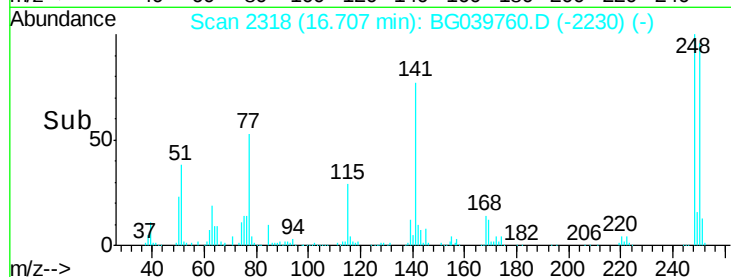
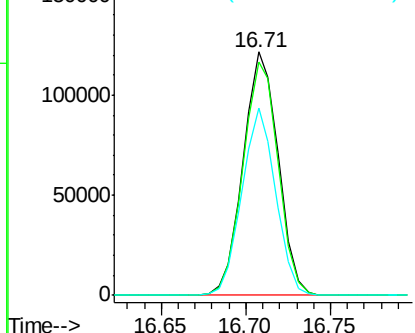
#67
4-Bromophenyl-phenylether
Concen: 45.310 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.01 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Instrument :
BNA_G
ClientSampleId :
JC-03-030119-AMS

Tgt Ion:248 Resp: 175294
Ion Ratio Lower Upper
248 100
250 96.0 77.6 116.4
141 76.8 63.9 95.9

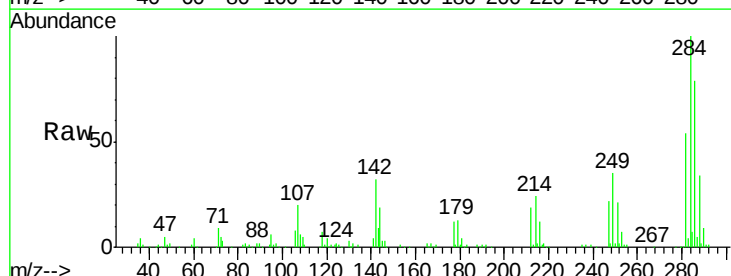


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

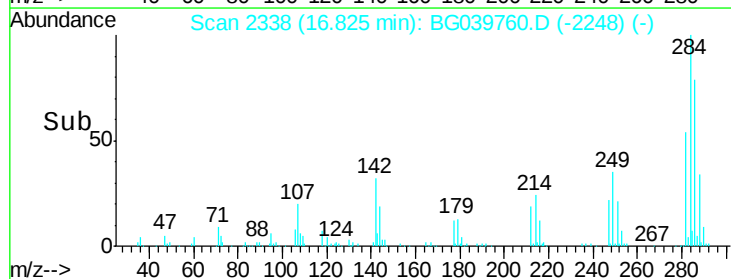
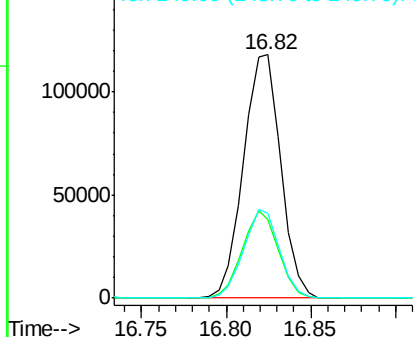


#68
Hexachlorobenzene
Concen: 45.128 ng
RT: 16.82 min Scan# 2338
Delta R.T. -0.00 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Tgt Ion:284 Resp: 180975
Ion Ratio Lower Upper
284 100
142 32.3 30.6 45.8
249 34.7 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: 47.287 ng

RT: 16.97 min Scan# 2363

Delta R.T. 0.00 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

Instrument :

BNA_G

ClientSampleId :

JC-03-030119-AMS

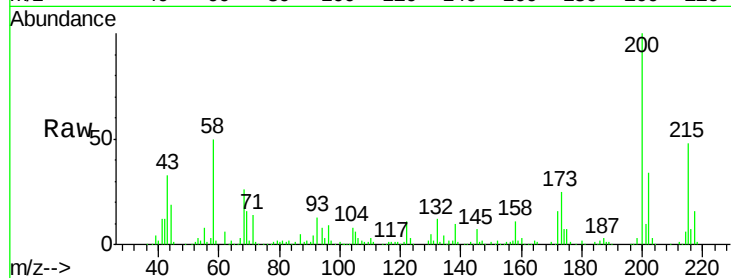
Tgt Ion:200 Resp: 186218

Ion Ratio Lower Upper

200 100

173 24.7 3.9 43.9

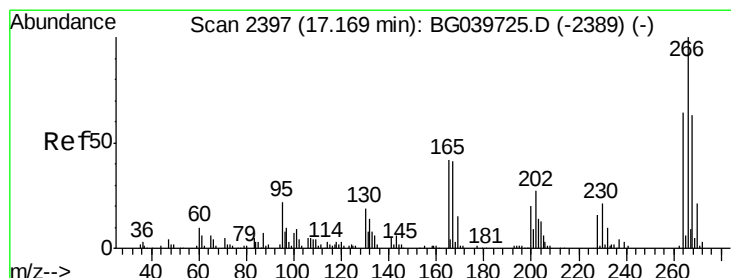
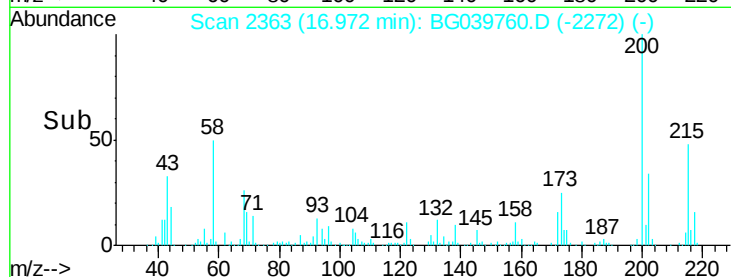
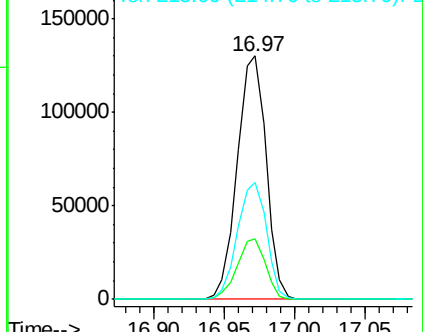
215 47.9 30.9 70.9



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: 69.719 ng

RT: 17.17 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

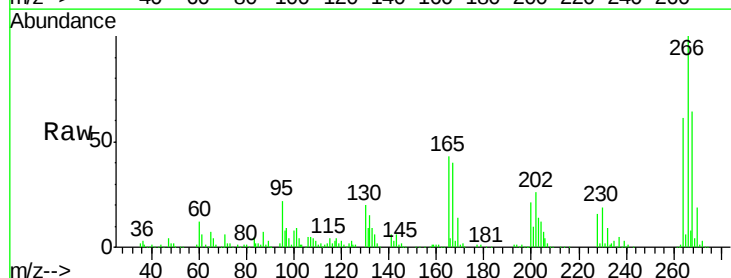
Tgt Ion:266 Resp: 176577

Ion Ratio Lower Upper

266 100

268 63.9 51.1 76.7

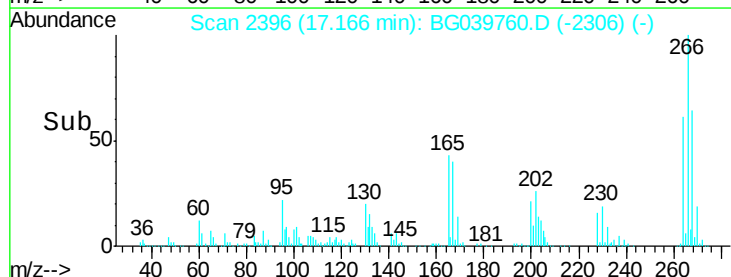
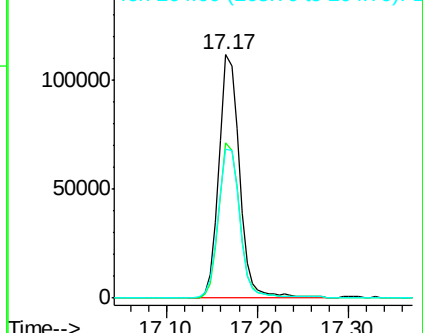
264 61.3 52.1 78.1

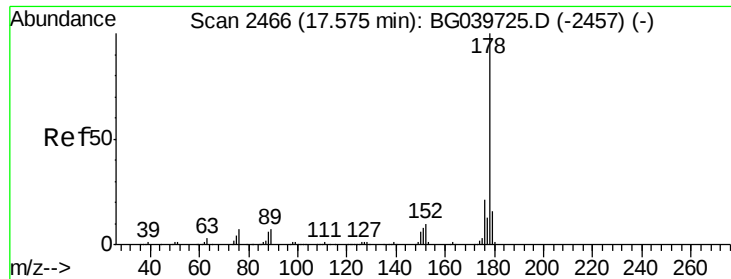


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

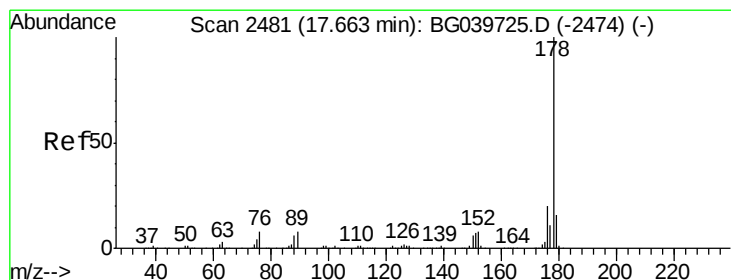
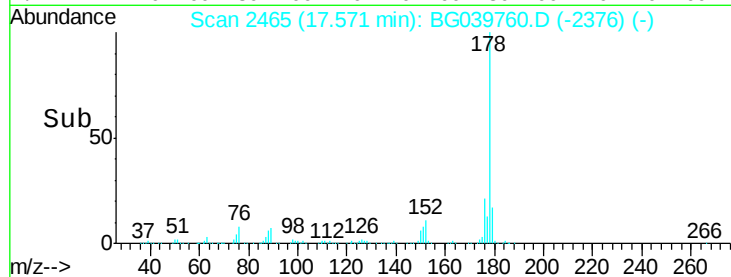
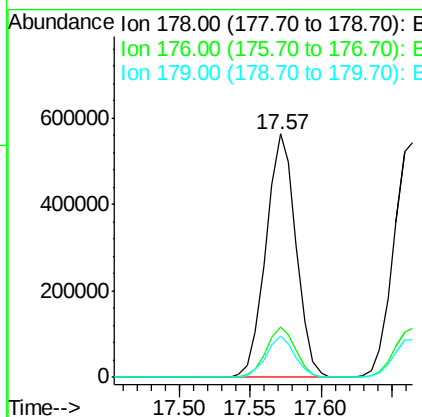
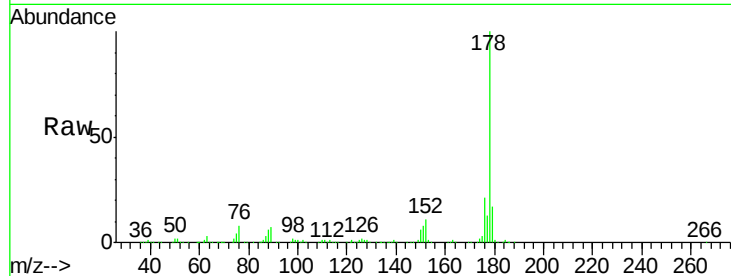




#71
Phenanthrene
Concen: 44.254 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

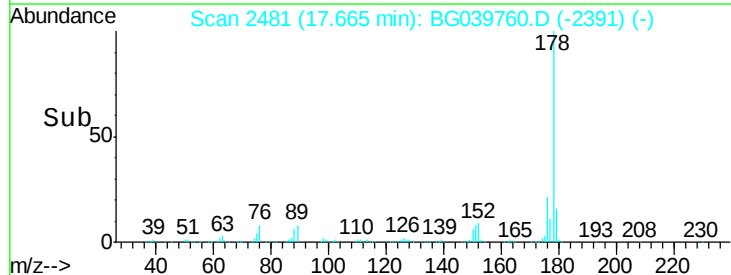
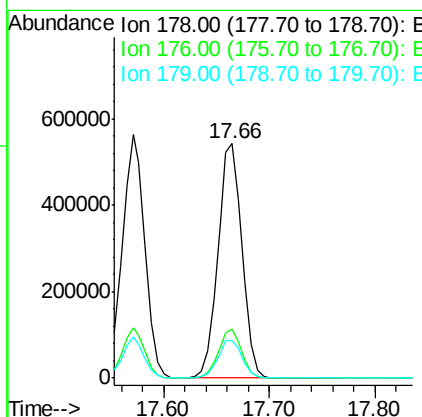
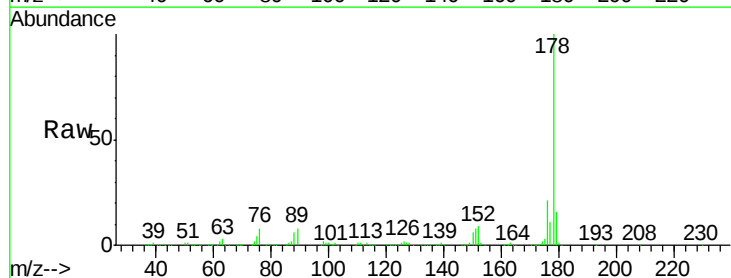
Instrument :
BNA_G
ClientSampleId :
JC-03-030119-AMS

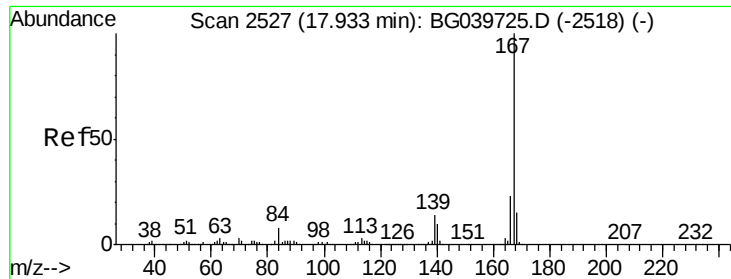
Tgt Ion:178 Resp: 842509
Ion Ratio Lower Upper
178 100
176 20.8 16.2 24.4
179 16.9 12.6 19.0



#72
Anthracene
Concen: 46.220 ng
RT: 17.66 min Scan# 2481
Delta R.T. -0.00 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Tgt Ion:178 Resp: 857481
Ion Ratio Lower Upper
178 100
176 20.7 15.8 23.6
179 16.0 12.5 18.7

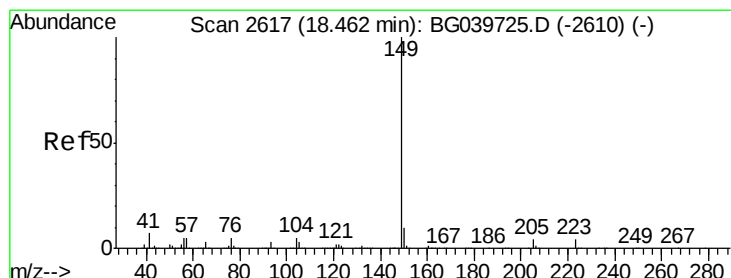
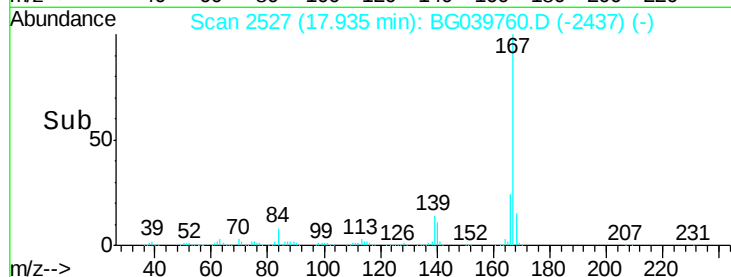
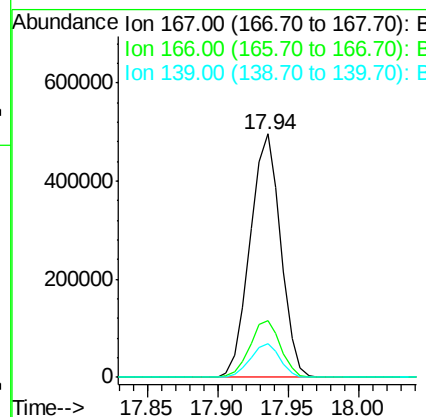
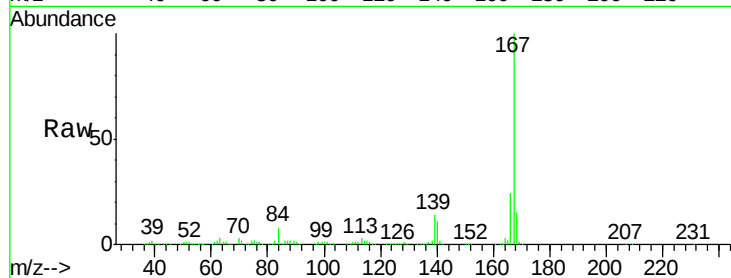




#73
 Carbazole
 Concen: 45.301 ng
 RT: 17.94 min Scan# 2527
 Delta R.T. -0.00 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

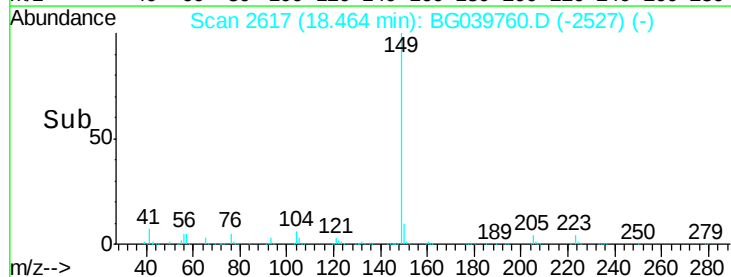
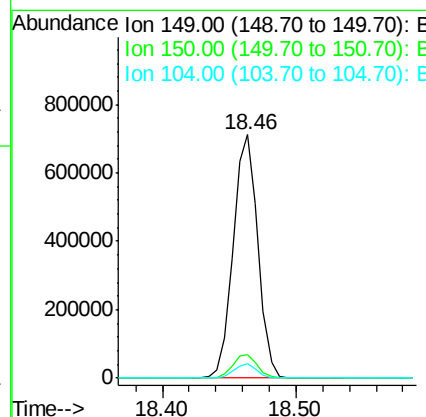
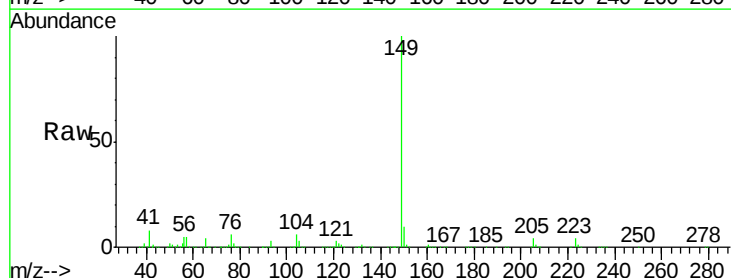
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-030119-AMS

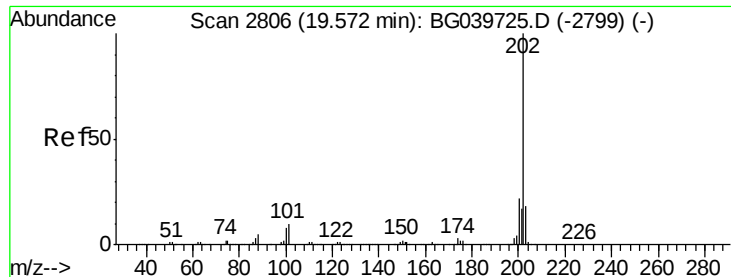
Tgt Ion:167 Resp: 757657
 Ion Ratio Lower Upper
 167 100
 166 23.6 19.4 29.2
 139 13.6 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 46.553 ng
 RT: 18.46 min Scan# 2617
 Delta R.T. -0.00 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

Tgt Ion:149 Resp: 916078
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.7 11.5
 104 5.9 4.5 6.7





#75

Fluoranthene

Concen: 44.558 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.00 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

Instrument :

BNA_G

ClientSampleId :

JC-03-030119-AMS

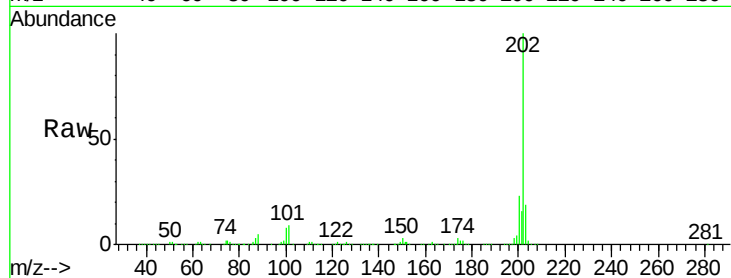
Tgt Ion:202 Resp: 1002526

Ion Ratio Lower Upper

202 100

101 9.3 0.0 30.0

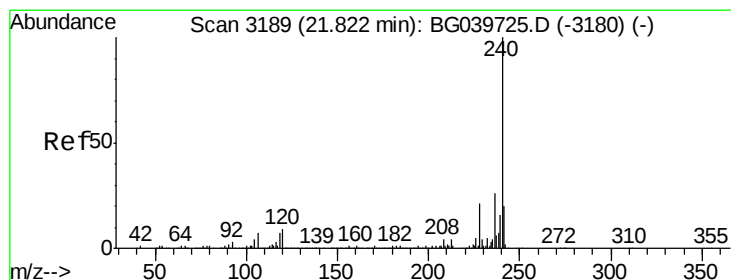
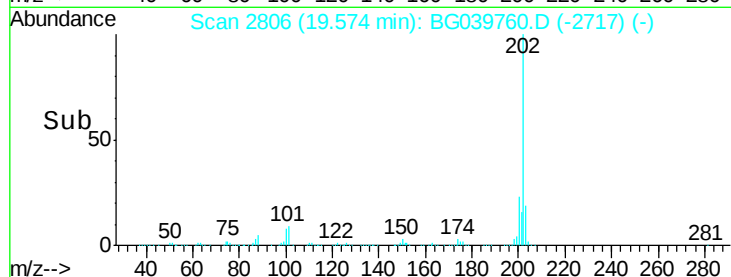
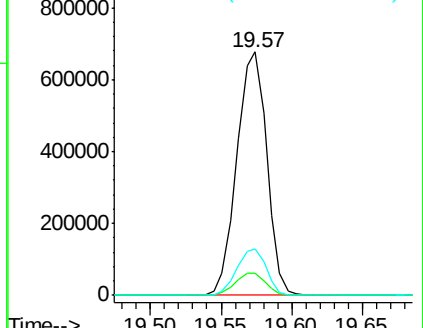
203 19.3 0.0 38.9



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: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

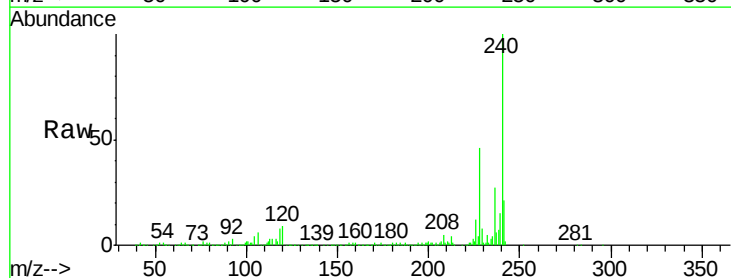
Tgt Ion:240 Resp: 345332

Ion Ratio Lower Upper

240 100

120 8.9 7.0 10.6

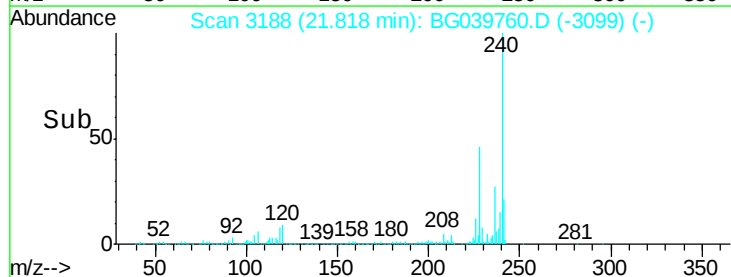
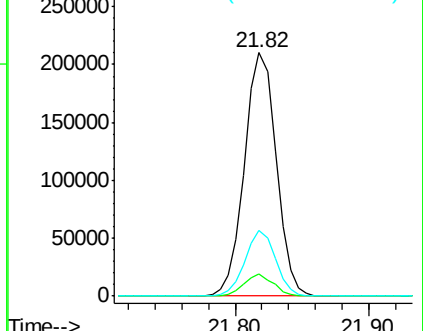
236 26.8 21.0 31.4

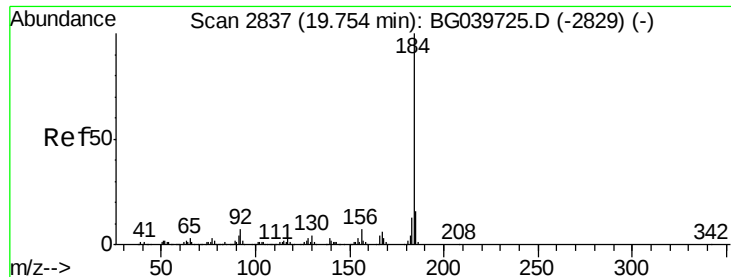


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 9.861 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

Instrument :

BNA_G

ClientSampleId :

JC-03-030119-AMS

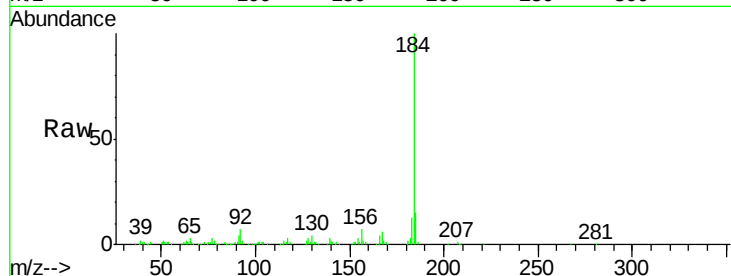
Tgt Ion:184 Resp: 108058

Ion Ratio Lower Upper

184 100

185 15.2 12.2 18.2

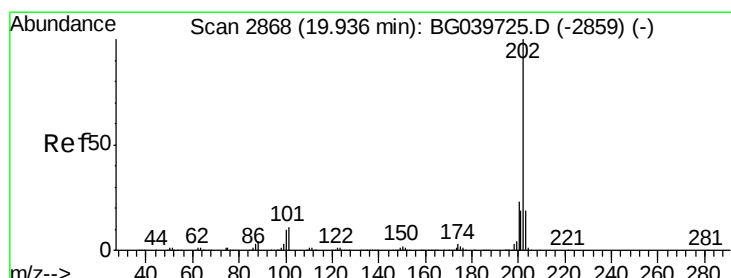
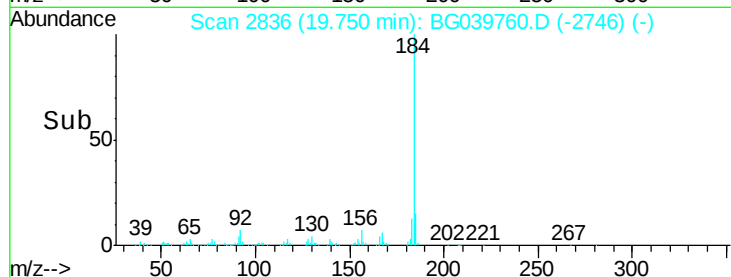
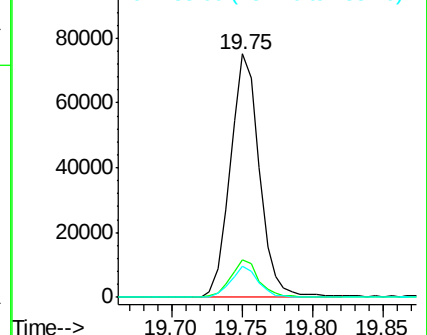
183 13.0 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.291 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

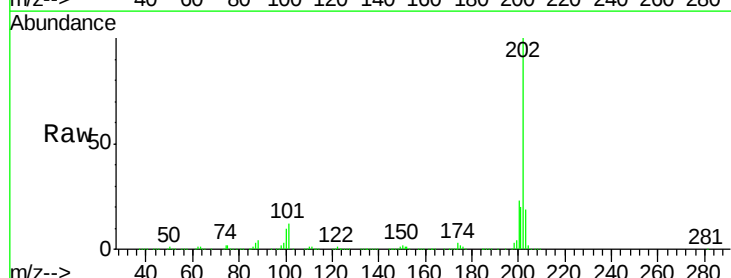
Tgt Ion:202 Resp: 1016320

Ion Ratio Lower Upper

202 100

200 22.8 17.8 26.8

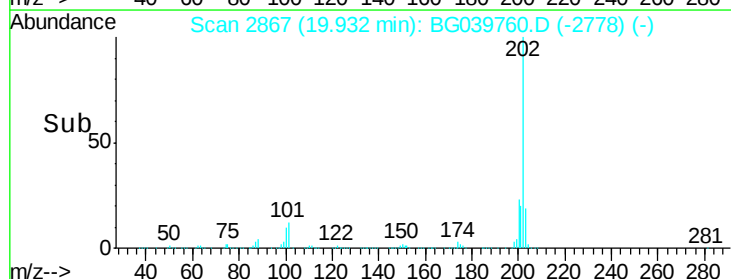
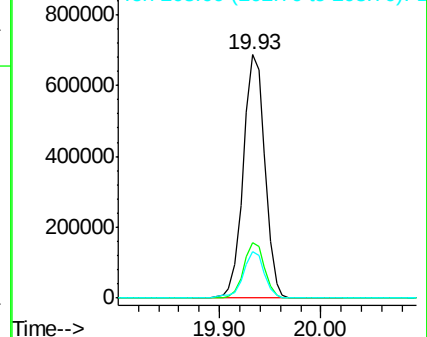
203 19.2 15.3 22.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 96.801 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.00 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

Instrument :

BNA_G

ClientSampleId :

JC-03-030119-AMS

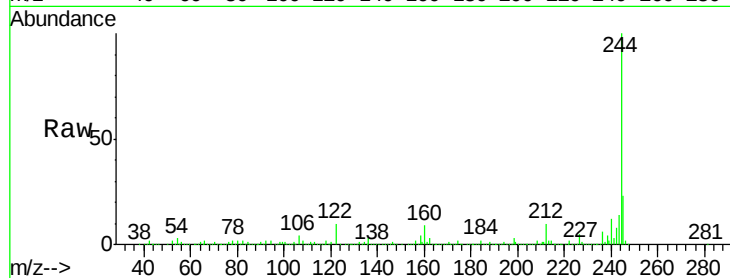
Tgt Ion:244 Resp: 1518230

Ion Ratio Lower Upper

244 100

212 9.8 7.3 10.9

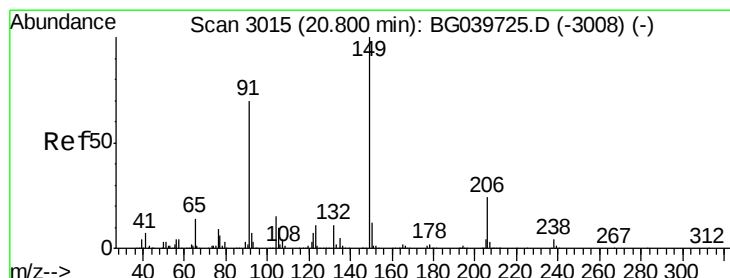
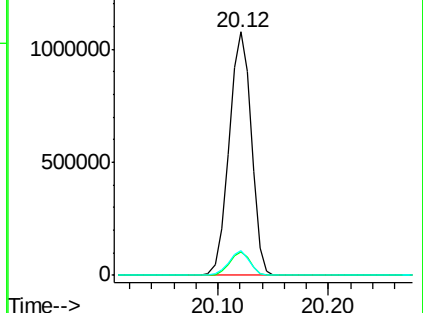
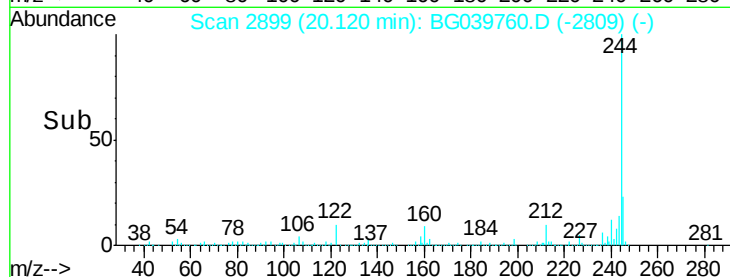
122 10.0 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.590 ng

RT: 20.80 min Scan# 3015

Delta R.T. -0.00 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

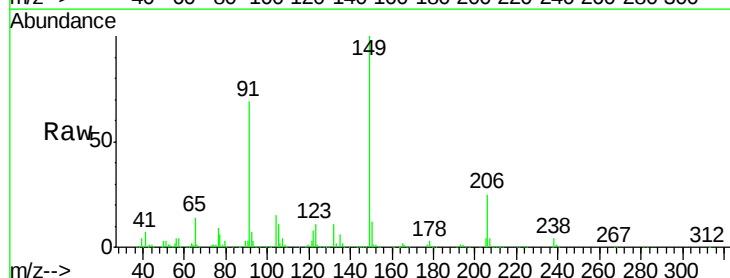
Tgt Ion:149 Resp: 422428

Ion Ratio Lower Upper

149 100

91 69.3 59.5 89.3

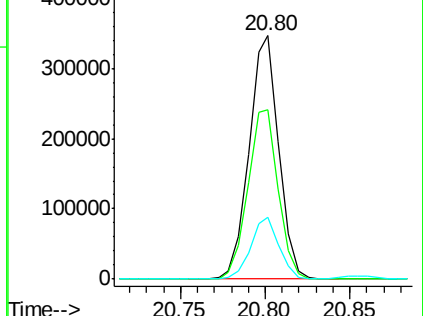
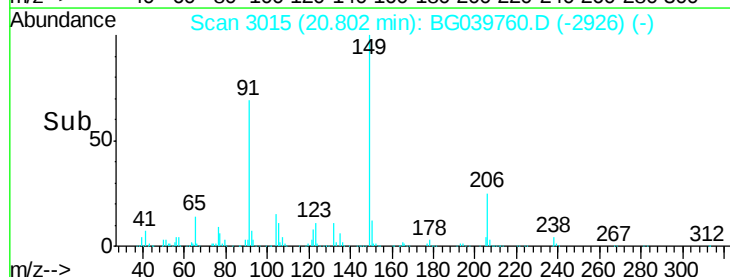
206 25.3 18.6 27.8

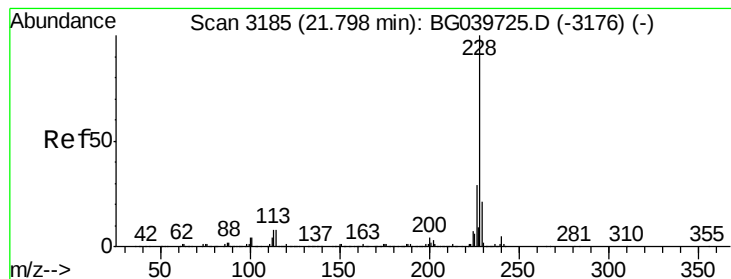


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.655 ng

RT: 21.79 min Scan# 3184

Delta R.T. -0.01 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

Instrument :

BNA_G

ClientSampleId :

JC-03-030119-AMS

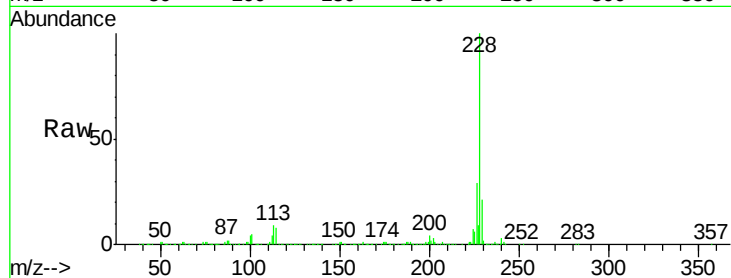
Tgt Ion:228 Resp: 966462

Ion Ratio Lower Upper

228 100

226 28.7 23.0 34.6

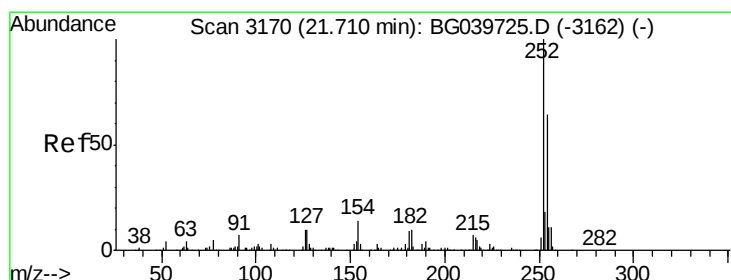
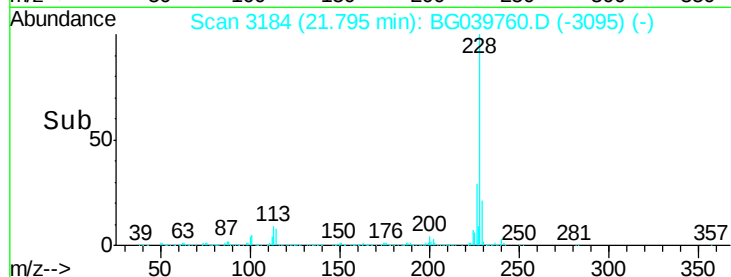
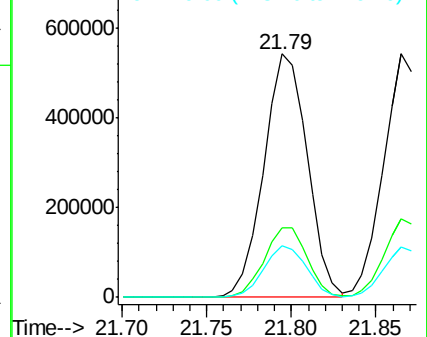
229 21.2 16.9 25.3



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: 10.307 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

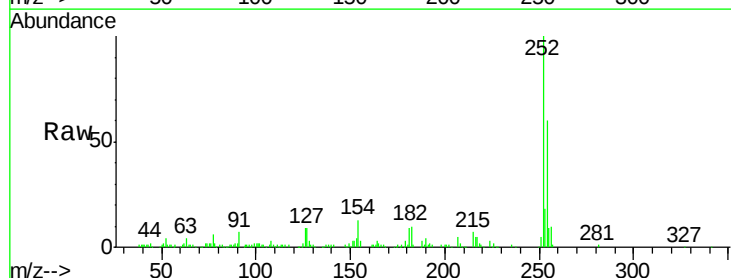
Tgt Ion:252 Resp: 81447

Ion Ratio Lower Upper

252 100

254 60.4 51.3 76.9

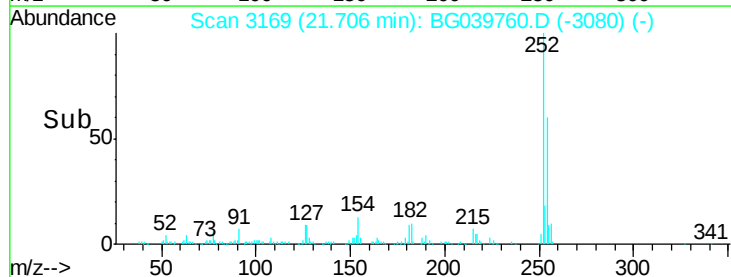
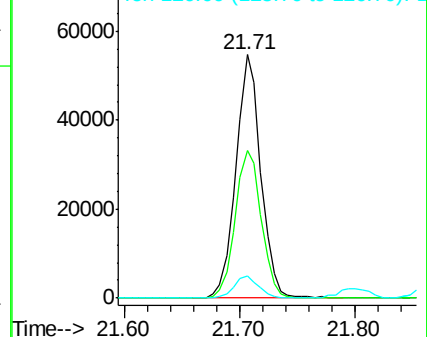
126 9.4 8.0 12.0



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: 43.844 ng

RT: 21.87 min Scan# 3196

Delta R.T. -0.01 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

Instrument :

BNA_G

ClientSampleId :

JC-03-030119-AMS

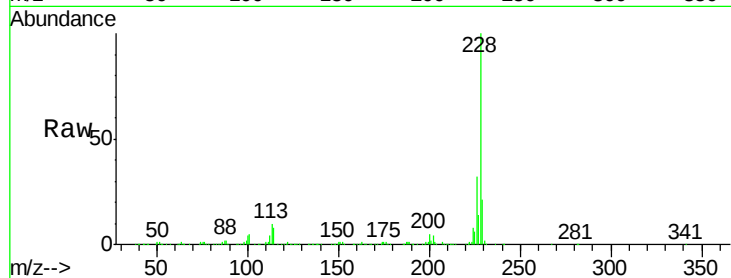
Tgt Ion:228 Resp: 919941

Ion Ratio Lower Upper

228 100

226 32.1 25.8 38.6

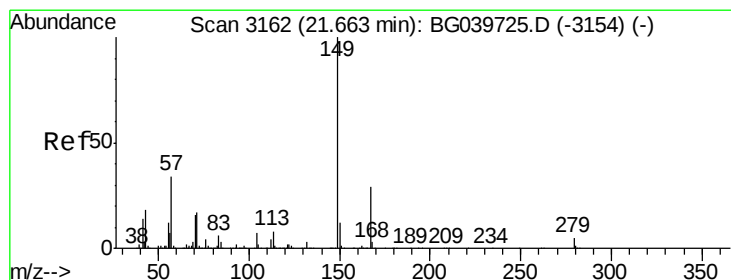
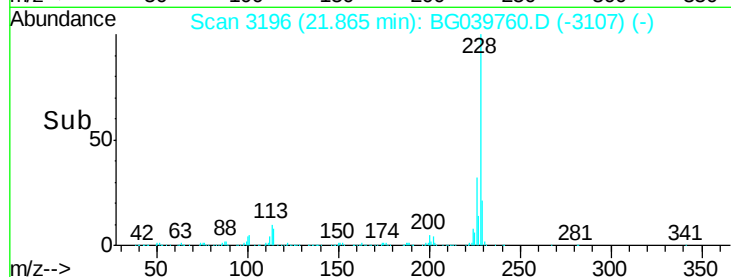
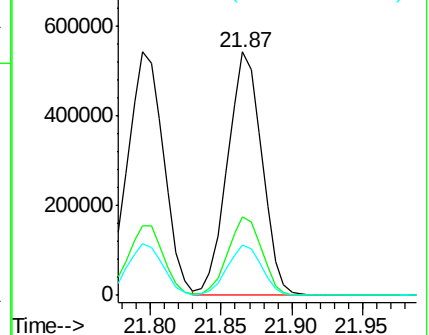
229 20.9 16.6 25.0



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: 48.540 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

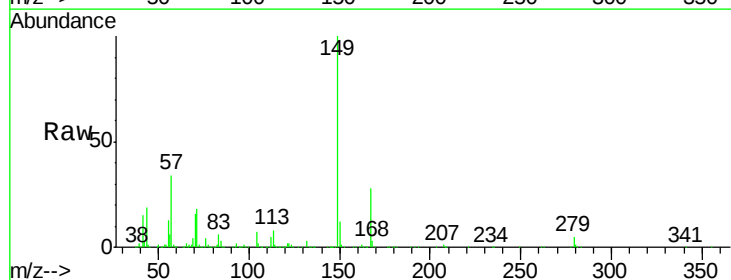
Tgt Ion:149 Resp: 593008

Ion Ratio Lower Upper

149 100

167 28.0 22.6 34.0

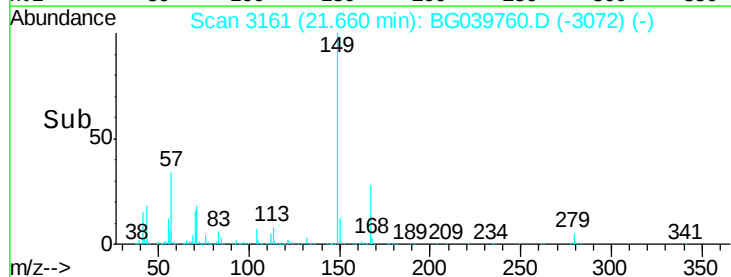
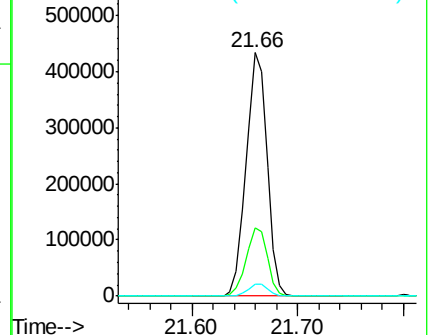
279 4.8 3.5 5.3

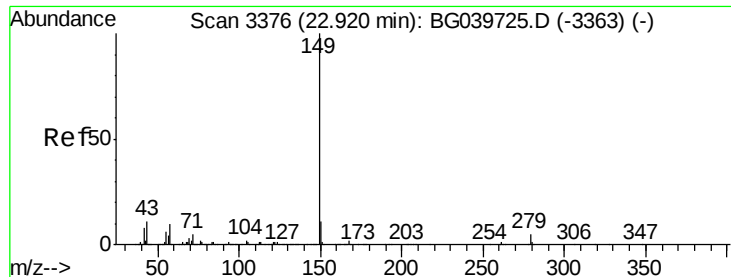


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

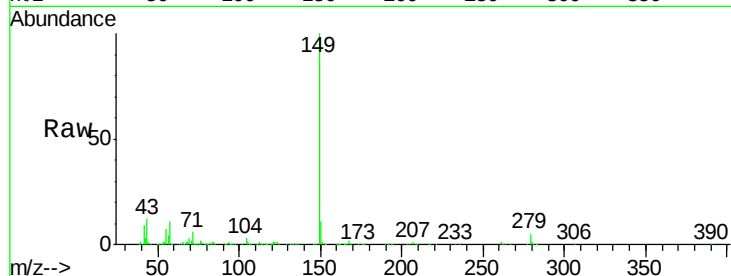




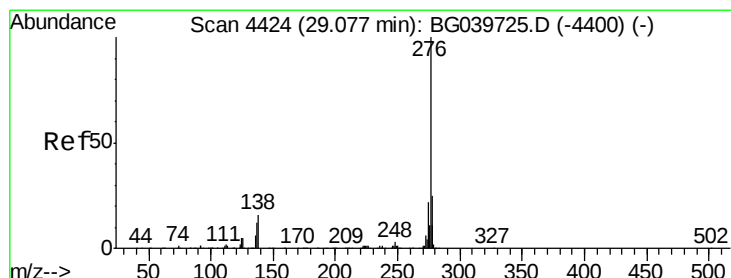
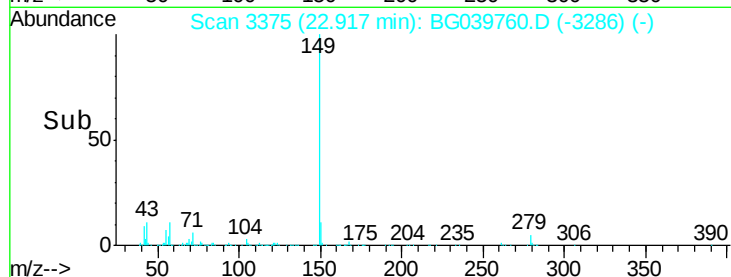
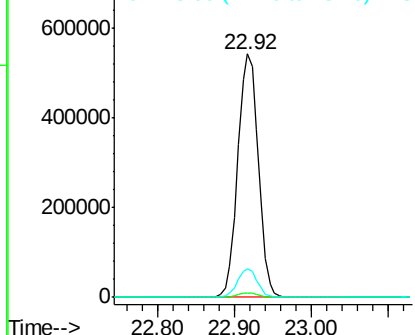
#85
Di-n-octyl phthalate
Concen: 50.245 ng
RT: 22.92 min Scan# 3375
Delta R.T. -0.01 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Instrument :
BNA_G
ClientSampleId :
JC-03-030119-AMS

Tgt Ion:149 Resp: 1016373
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.2 10.2 15.4

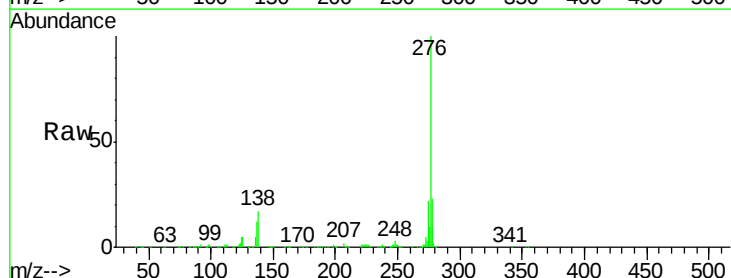


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

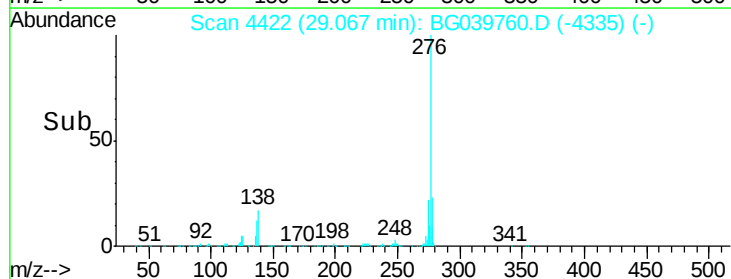
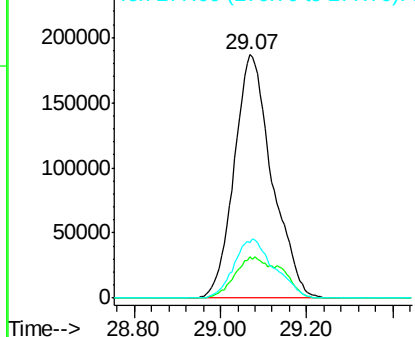


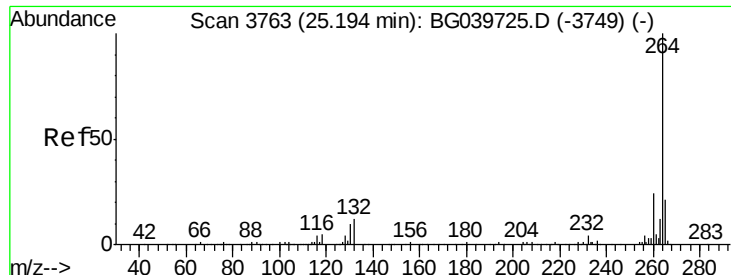
#86
Indeno(1,2,3-cd)pyrene
Concen: 48.058 ng
RT: 29.07 min Scan# 4422
Delta R.T. -0.02 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Tgt Ion:276 Resp: 1143951
Ion Ratio Lower Upper
276 100
138 20.9 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



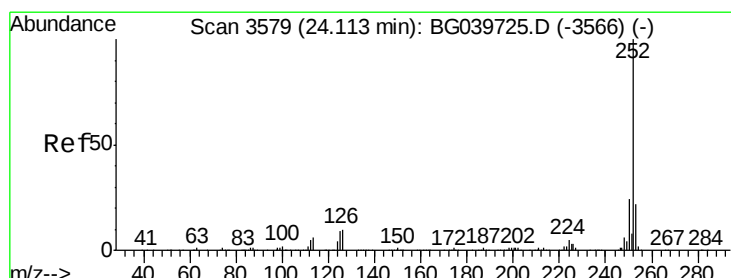
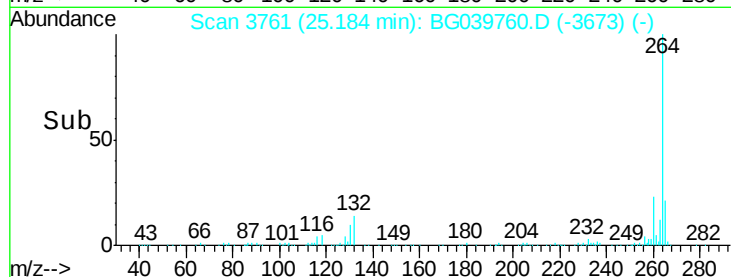
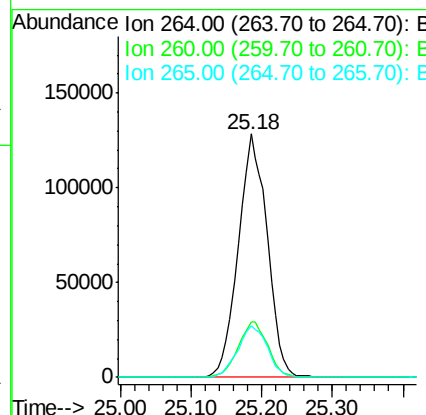
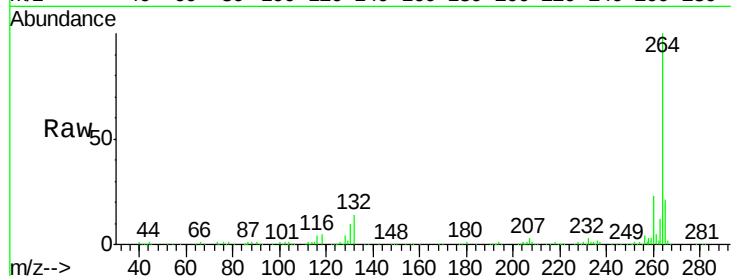


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3761
Delta R.T. -0.02 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Instrument :
BNA_G
ClientSampleId :
JC-03-030119-AMS

Tgt Ion: 264 Resp: 364897

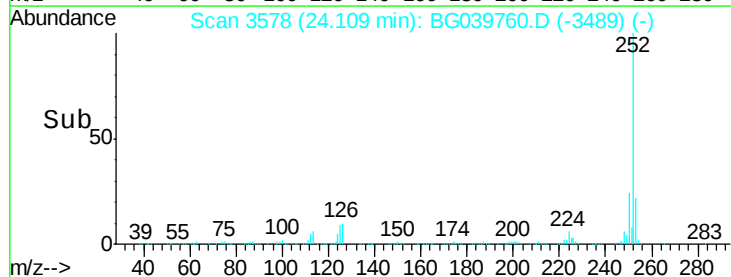
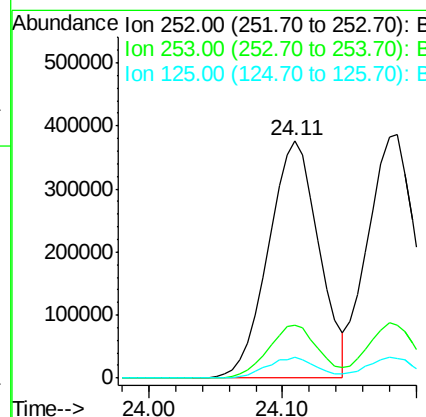
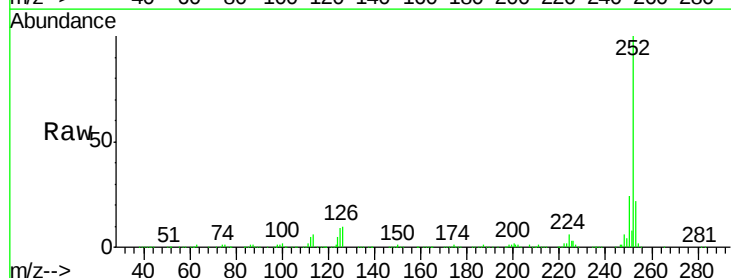
Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.4
265	21.0	18.5	27.7

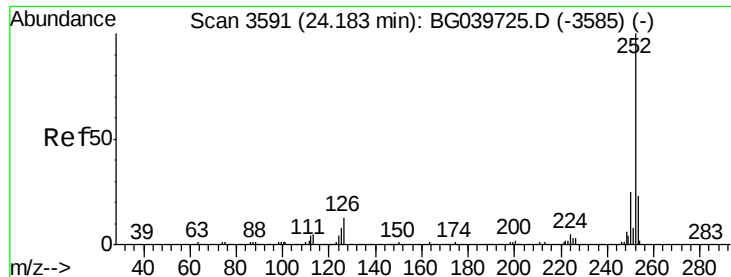


#88
Benzo(b)fluoranthene
Concen: 45.439 ng
RT: 24.11 min Scan# 3578
Delta R.T. -0.01 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Tgt Ion: 252 Resp: 988735

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	9.1	7.8	11.6

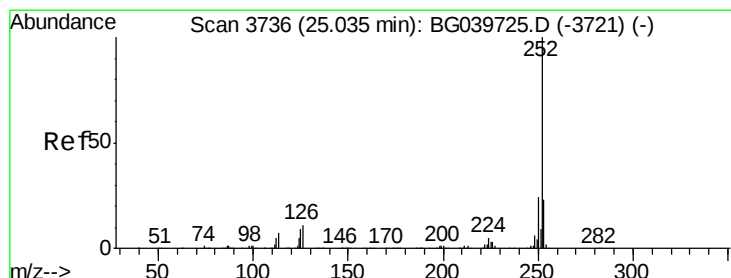
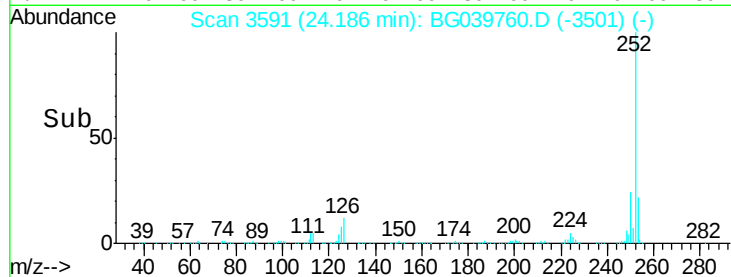
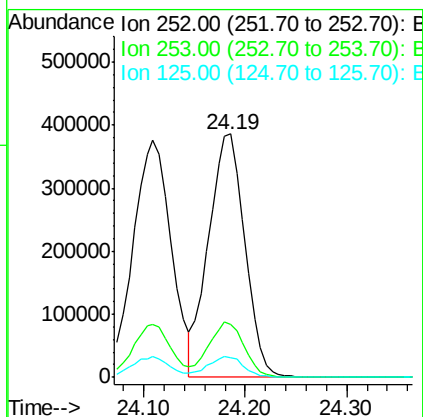
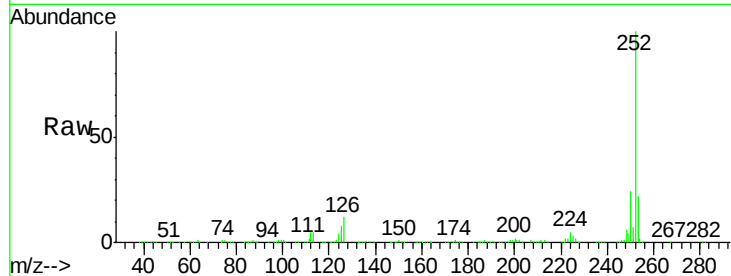




#89
Benzo(k)fluoranthene
Concen: 47.201 ng
RT: 24.19 min Scan# 3591
Delta R.T. -0.00 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

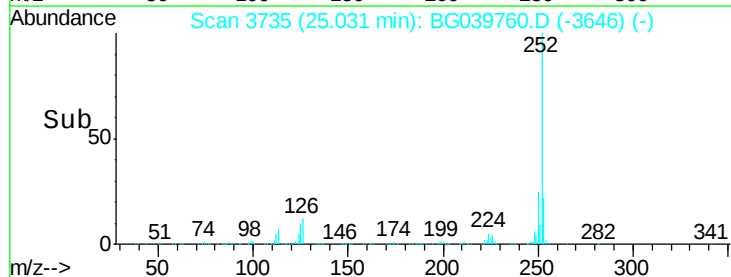
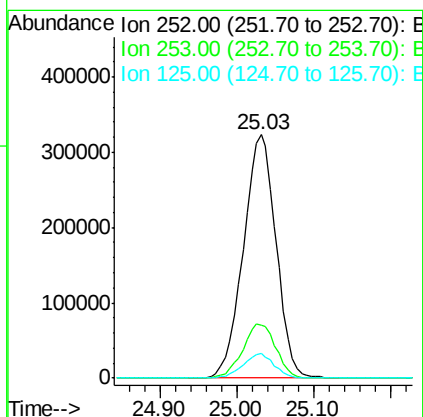
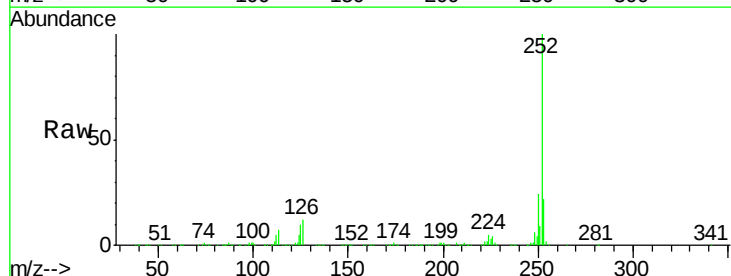
Instrument :
BNA_G
ClientSampleId :
JC-03-030119-AMS

Tgt Ion:252 Resp: 956056
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 8.1 7.4 11.2



#90
Benzo(a)pyrene
Concen: 47.707 ng
RT: 25.03 min Scan# 3735
Delta R.T. -0.01 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Tgt Ion:252 Resp: 959255
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 10.3 8.3 12.5

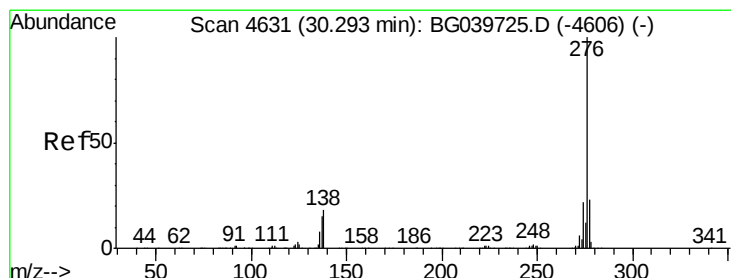
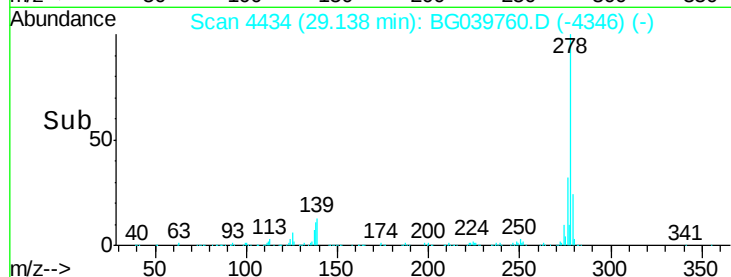
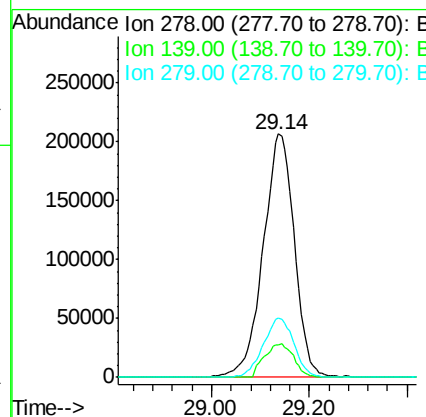
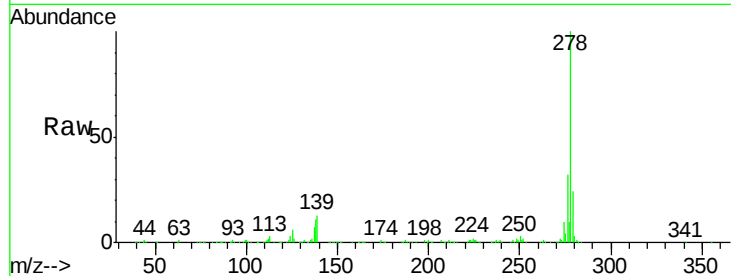




#91
Dibenzo(a,h)anthracene
Concen: 46.747 ng
RT: 29.14 min Scan# 4434
Delta R.T. -0.02 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Instrument :
BNA_G
ClientSampleId :
JC-03-030119-AMS

Tgt Ion: 278 Resp: 921472
Ion Ratio Lower Upper
278 100
139 13.3 11.7 17.5
279 24.2 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 48.123 ng
RT: 30.30 min Scan# 4632
Delta R.T. -0.01 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Tgt Ion: 276 Resp: 952705
Ion Ratio Lower Upper
276 100
277 22.4 19.6 29.4
138 17.5 14.7 22.1

